

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107533.D
 Acq On : 20 Jul 2018 19:38
 Operator : JU/SJ
 Sample : PB111265BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Manual Integrations
 APPROVED

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 7/23/2018 12:44:37 PM

Quant Time: Jul 20 23:52:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	349999	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1340475	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	608058	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1202663	20.00	ng	0.00
75) Chrysene-d12	14.16	240	816522	20.00	ng	0.00
86) Perylene-d12	15.69	264	781812	20.00	ng	-0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	2328936	106.99	ng	0.00
7) Phenol-d6	6.61	99	2730526	104.46	ng	0.00
23) Nitrobenzene-d5	7.54	82	1740620	87.63	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	852414	123.28	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2979489	83.52	ng	0.00
78) Terphenyl-d14	13.10	244	2936743	92.08	ng	0.00

7/23/2018 12:44:37 PM

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.91	88	304007	30.004	ng	# 83
3) Pyridine	3.68	79	839374	30.451	ng	86
4) n-Nitrosodimethylamine	3.64	42	437269	37.613	ng	98
6) Aniline	6.65	93	932367	27.656	ng	# 87
8) 2-Chlorophenol	6.77	128	838414	35.949	ng	94
9) Benzaldehyde	6.53	77	349784	18.908	ng	96
10) Phenol	6.62	94	1045642	34.015	ng	88
11) bis(2-Chloroethyl)ether	6.71	93	923272	36.227	ng	91
12) 1,3-Dichlorobenzene	6.91	146	896460	33.902	ng	98
13) 1,4-Dichlorobenzene	6.99	146	937417	34.589	ng	97
14) 1,2-Dichlorobenzene	7.14	146	833462	34.269	ng	99
15) Benzyl Alcohol	7.12	79	679592	38.149	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1446022	33.632	ng	85
17) 2-Methylphenol	7.23	107	734555	37.057	ng	# 93
18) Hexachloroethane	7.48	117	335946	35.341	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	578261	34.245	ng	97
20) 3+4-Methylphenols	7.38	107	884099	37.561	ng	# 64
22) Acetophenone	7.38	105	1184478	37.625	ng	# 87
24) Nitrobenzene	7.56	77	913822	40.168	ng	99
25) Isophorone	7.80	82	1715269	40.445	ng	99
26) 2-Nitrophenol	7.87	139	443792	46.194	ng	95
27) 2,4-Dimethylphenol	7.91	122	777643	42.763	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1088463	38.404	ng	100
29) 2,4-Dichlorophenol	8.12	162	745061	40.085	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	759785	36.395	ng	99
31) Naphthalene	8.28	128	2323435	39.416	ng	97
32) Benzoic acid	8.04	122	517893	41.979	ng	97
33) 4-Chloroaniline	8.33	127	581030	22.552	ng	96
34) Hexachlorobutadiene	8.39	225	439492	35.429	ng	99
35) Caprolactam	8.71	113	233528m	38.627	ng	
36) 4-Chloro-3-methylphenol	8.81	107	814098	39.429	ng	99
37) 2-Methylnaphthalene	8.97	142	1661445	40.674	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	760898	37.517	ng	99
40) Hexachlorocyclopentadiene	9.12	237	905293	87.809	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	515260	39.691	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	559632	41.247	nq	99
45) 1,1'-Biphenyl	9.44	154	1976913	37.322	nq	97
46) 2-Chloronaphthalene	9.47	162	1495030	36.925	nq	98
47) 2-Nitroaniline	9.57	65	537710	45.555	nq	91
48) Acenaphthylene	9.88	152	2419133	39.775	nq	95
49) Dimethylphthalate	9.74	163	1761284	38.433	nq	98
50) 2,6-Dinitrotoluene	9.80	165	394368	43.344	nq	# 90
51) Acenaphthene	10.05	154	1428746	37.492	nq	98
52) 3-Nitroaniline	9.98	138	328569	29.684	nq	99
53) 2,4-Dinitrophenol	10.08	184	353258	81.507	nq	# 22
54) Dibenzofuran	10.22	168	2118158	37.755	nq	95
55) 4-Nitrophenol	10.15	139	671738	81.056	nq	93
56) 2,4-Dinitrotoluene	10.21	165	509891	46.426	nq	# 91
57) Fluorene	10.57	166	1652489	41.287	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	469623	41.590	nq	91
59) Diethylphthalate	10.44	149	1814591	37.914	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	818396	36.169	nq	97
61) 4-Nitroaniline	10.60	138	438802	47.184	nq	98
62) Azobenzene	10.72	77	1744012	38.860	nq	89
64) 4,6-Dinitro-2-methylphenol	10.62	198	241405	42.740	nq	91
65) n-Nitrosodiphenylamine	10.68	169	1488529	36.443	nq	97
66) 4-Bromophenyl-phenylether	11.05	248	526109	37.161	nq	91
67) Hexachlorobenzene	11.12	284	570222	36.606	nq	# 84
68) Atrazine	11.21	200	485464	38.928	nq	96
69) Pentachlorophenol	11.31	266	610472	62.742	nq	98
70) Phenanthrene	11.54	178	2253837	38.457	nq	96
71) Anthracene	11.59	178	2274540	38.547	nq	94
72) Carbazole	11.75	167	2169032	35.349	nq	97
73) Di-n-butylphthalate	12.06	149	2571426	39.206	nq	# 95
74) Fluoranthene	12.73	202	2369375	37.676	nq	97
76) Benzidine	12.85	184	1449219	61.631	nq	99
77) Pyrene	12.96	202	2375134	42.526	nq	97
79) Butylbenzylphthalate	13.57	149	1090250	45.391	nq	96
80) Benzo(a)anthracene	14.15	228	1928294	40.299	nq	96
81) 3,3'-Dichlorobenzidine	14.11	252	420596	26.291	nq	97
82) Chrysene	14.19	228	1783157	38.794	nq	96
83) Bis(2-ethylhexyl)phthalate	14.12	149	1433426	42.296	nq	97
84) Di-n-octyl phthalate	14.74	149	2185492	41.487	nq	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	2103702	54.002	nq	97
87) Benzo(b)fluoranthene	15.24	252	1676038	39.171	nq	98
88) Benzo(k)fluoranthene	15.27	252	1590086	37.931	nq	97
89) Benzo(a)pyrene	15.62	252	1615850	41.285	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	1752364	51.794	nq	98
91) Benzo(g,h,i)perylene	17.75	276	1832600	54.913	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

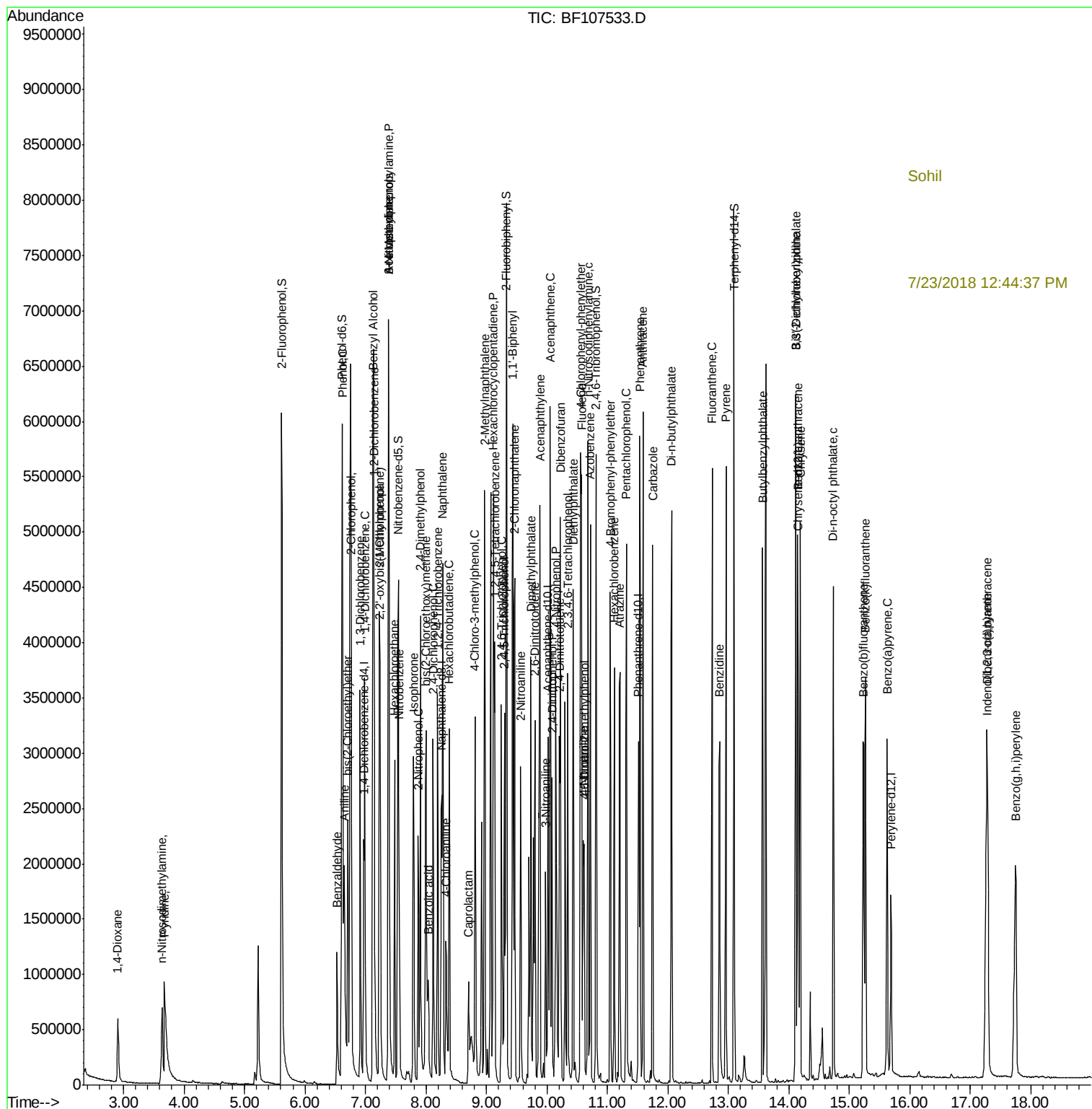
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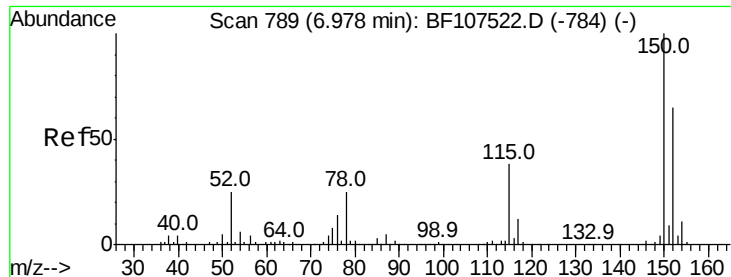
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#1

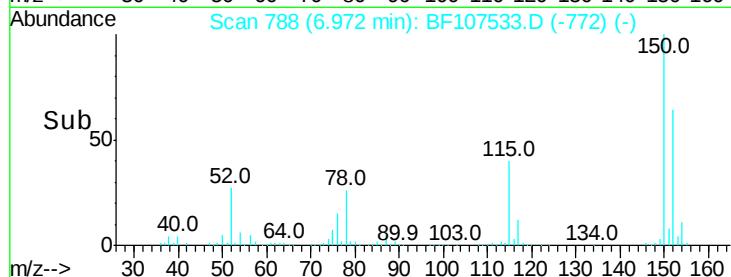
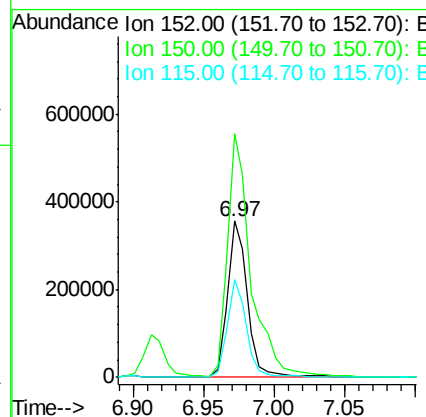
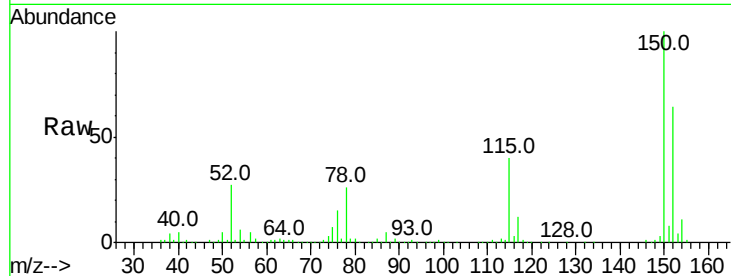
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.3	50.1	75.1

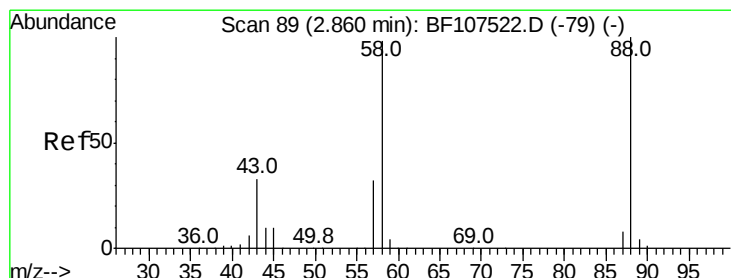
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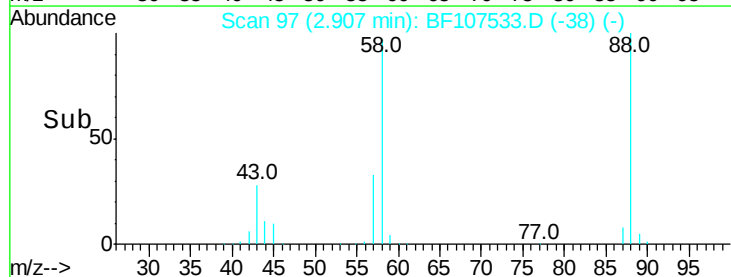
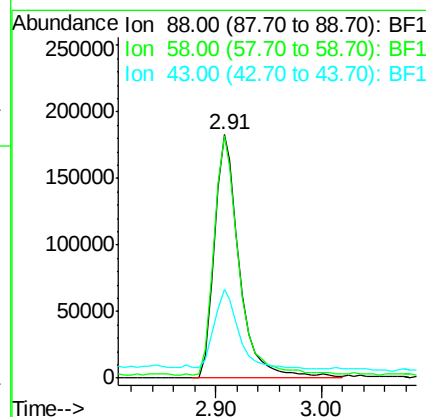
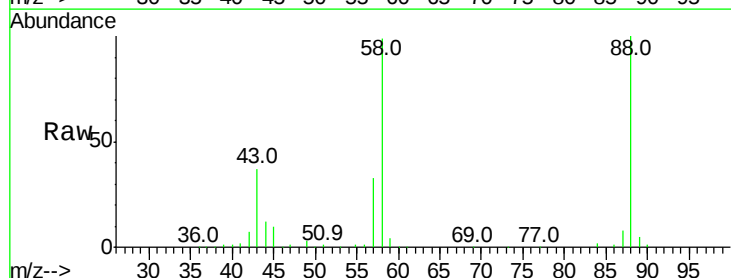
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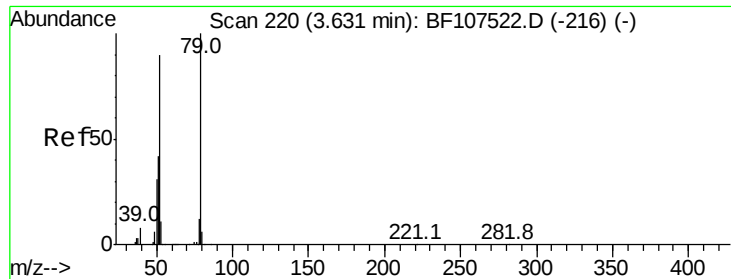


#2

1,4-Dioxane
Concen: 30.004 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	62.6	93.8#
43	32.6	24.6	37.0





#3

Pvridine

Concen: 30.451 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

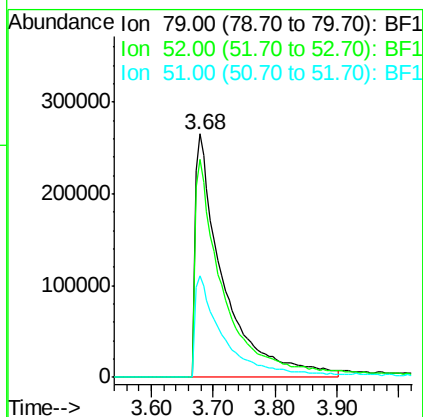
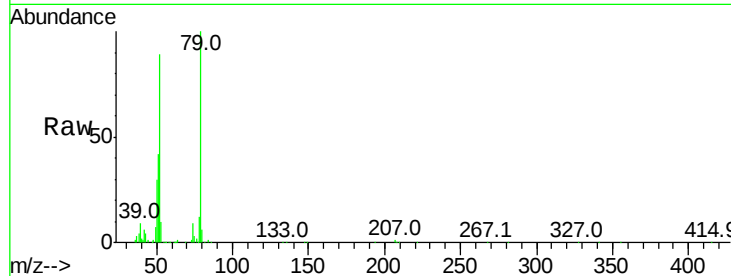
ClientSampleId :

PB111265BS

Tot Ion:	79	Resp:	839374
Ion Ratio	Lower	Upper	
79	100		
52	89.4	59.8	89.6
51	42.0	29.8	44.8

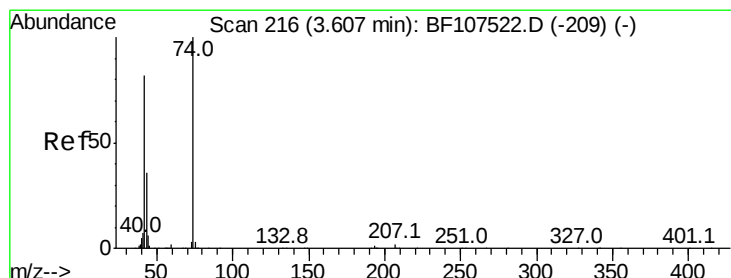
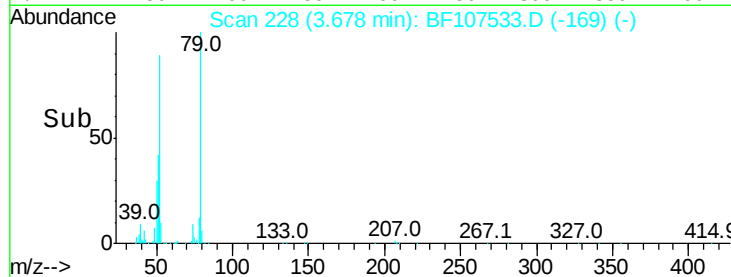
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#4

n-Nitrosodimethylamine

Concen: 37.613 ng

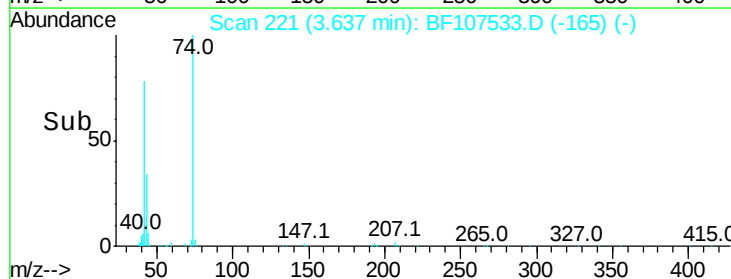
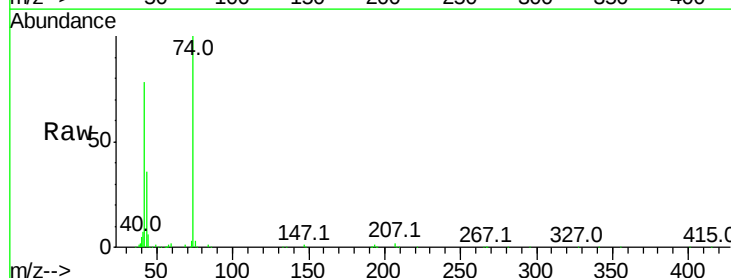
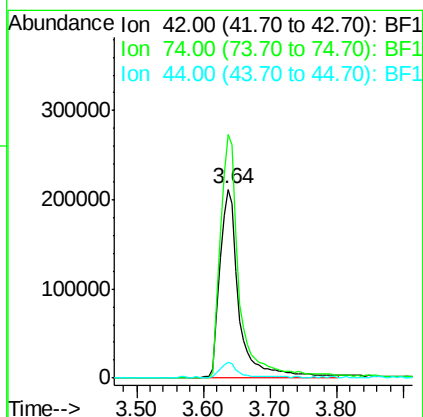
RT: 3.64 min Scan# 221

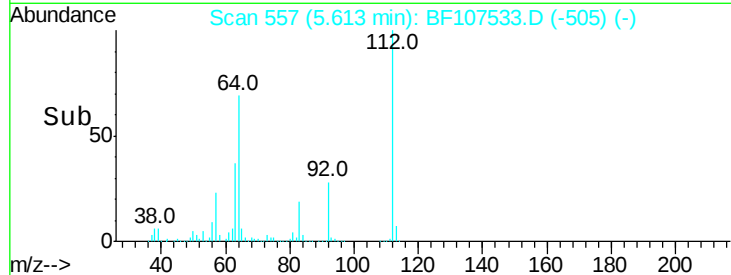
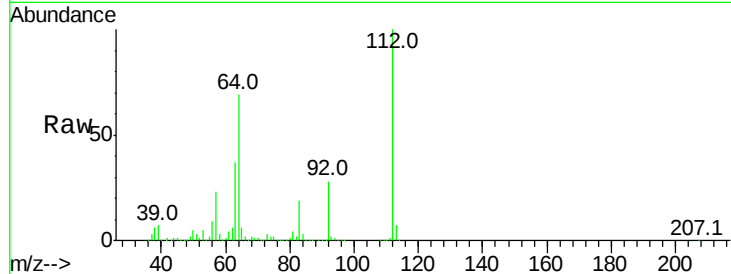
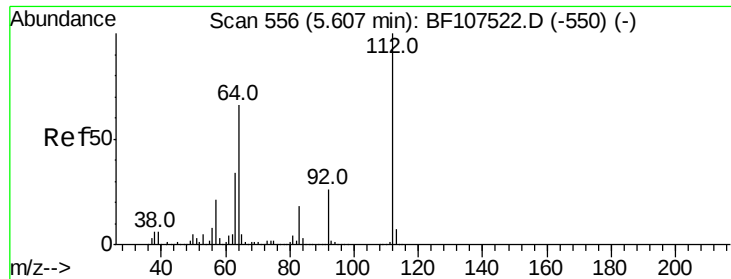
Delta R.T. 0.03 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Tgt Ion:	42	Resp:	437269
Ion Ratio	Lower	Upper	
42	100		
74	128.7	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 106.986 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Tot Ion:	112	Resp:	2328936
Ion Ratio	Lower	Upper	
112	100		
64	69.0	47.9	71.9
63	36.9	23.7	35.5#

Instrument :

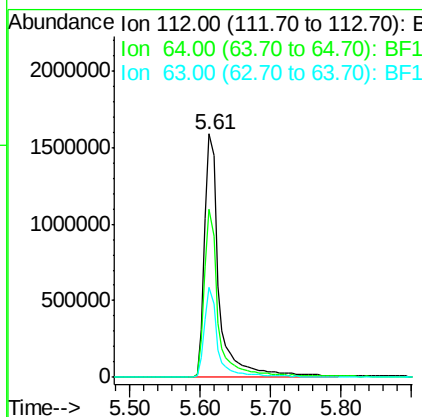
BNA_F

ClientSampleId :

PB111265BS

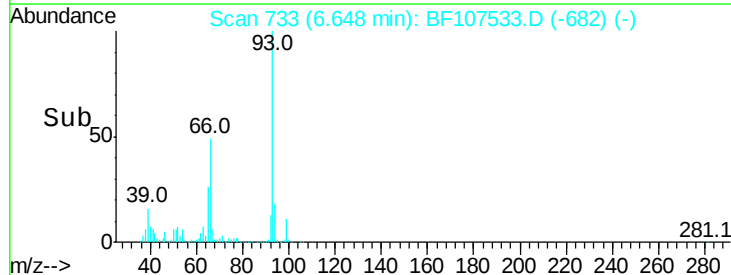
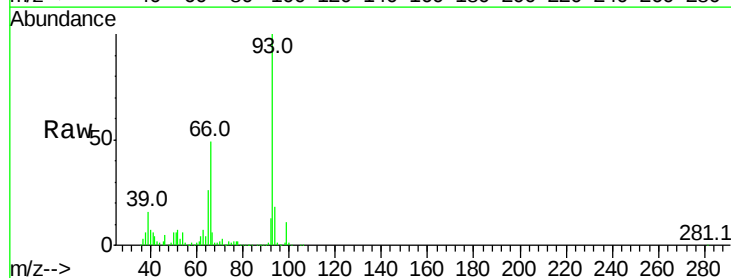
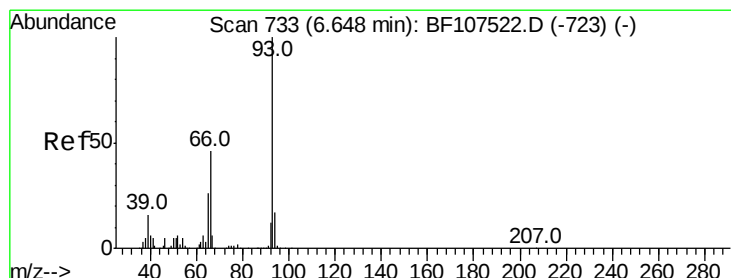
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#6

Aniline

Concen: 27.656 ng

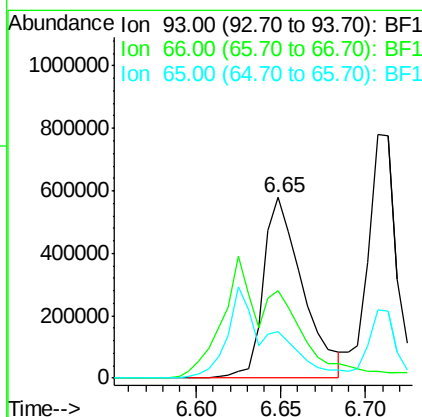
RT: 6.65 min Scan# 733

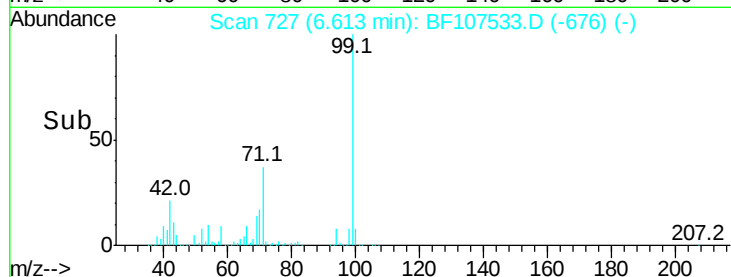
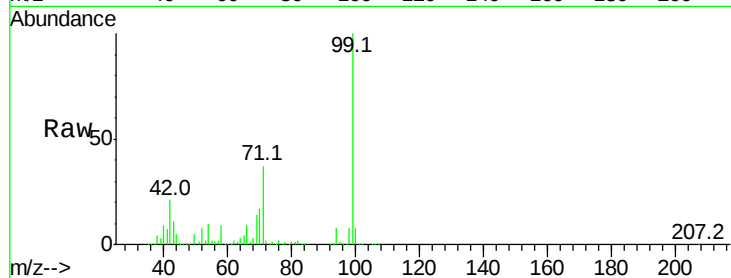
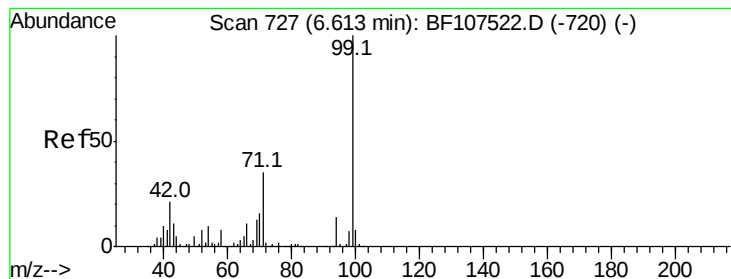
Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Tgt Ion:	93	Resp:	932367
Ion Ratio	Lower	Upper	
93	100		
66	48.7	32.2	48.2#
65	25.6	16.4	24.6#





#7

Phenol-d6

Concen: 104.464 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Tot Ion: 99 Resp: 2730526

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 36.7 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

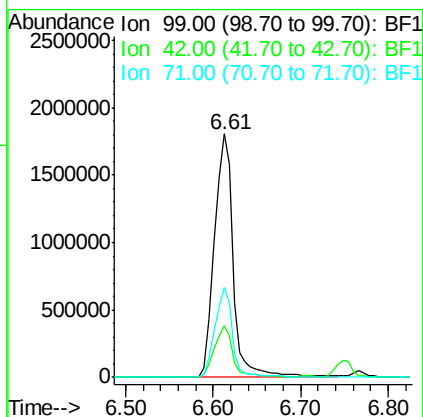
PB111265BS

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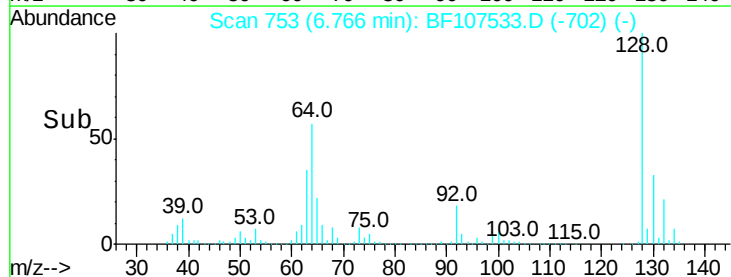
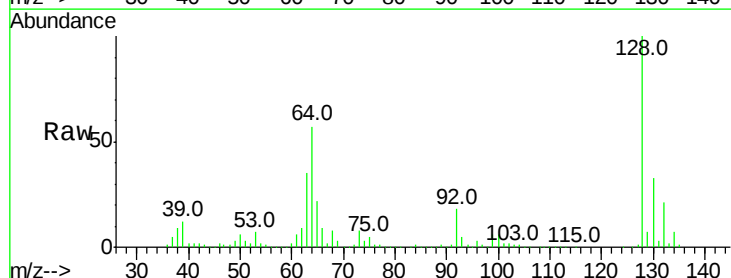
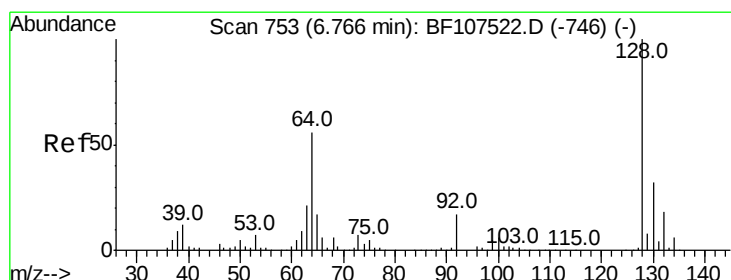
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#8

2-Chlorophenol

Concen: 35.949 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

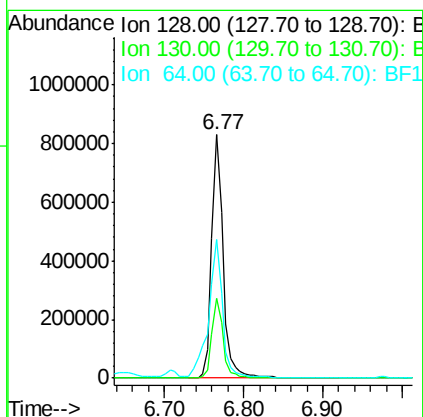
Tgt Ion:128 Resp: 838414

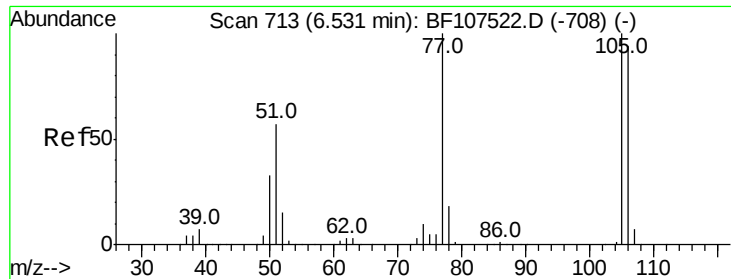
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 56.7 29.4 69.4





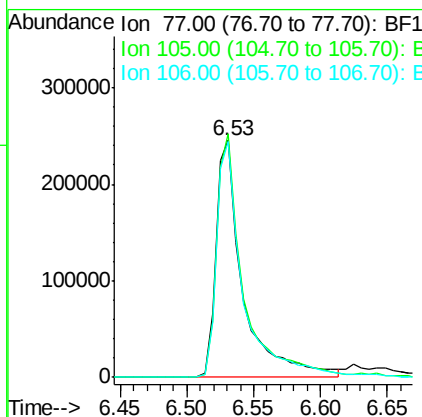
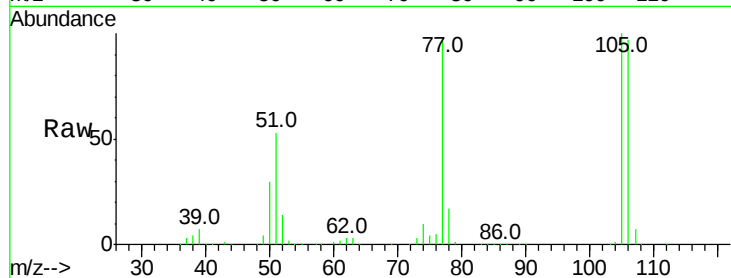
#9
Benzaldehyde
Concen: 18.908 ng
RT: 6.53 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF107533.D
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Instrument :
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PB111265BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.1	121.1
106	99.9	74.5	114.5

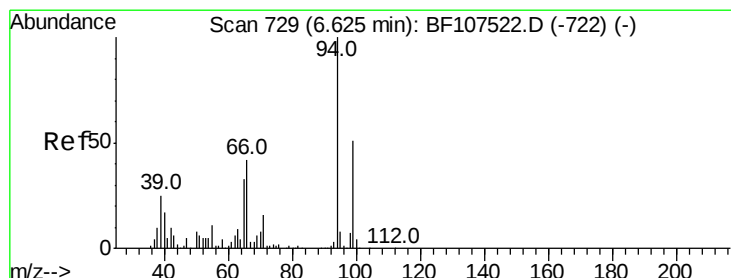
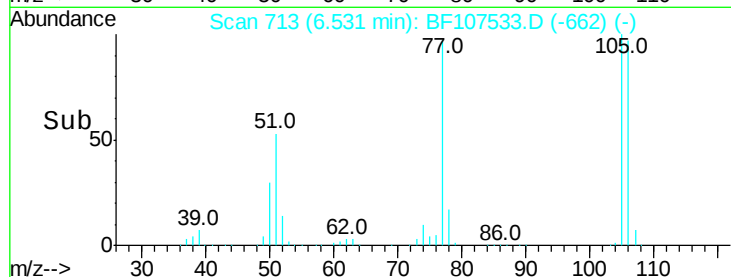
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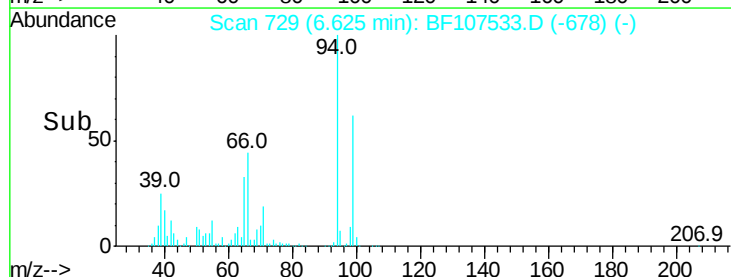
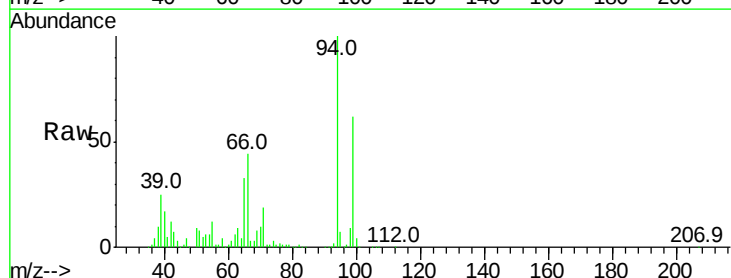
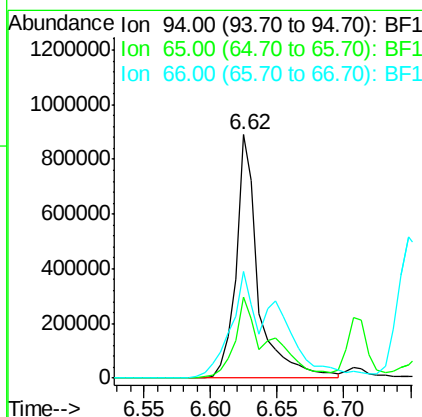
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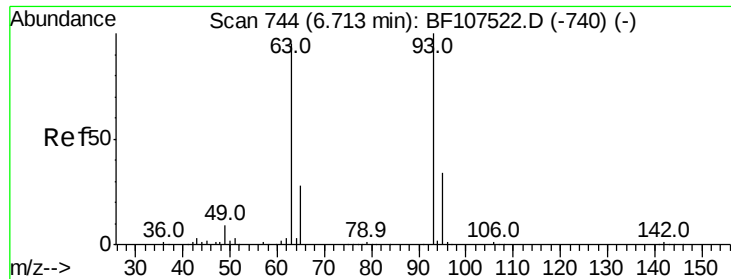
7/23/2018 12:44:37 PM



#10
Phenol
Concen: 34.015 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	7.9	47.9
66	43.9	16.2	56.2





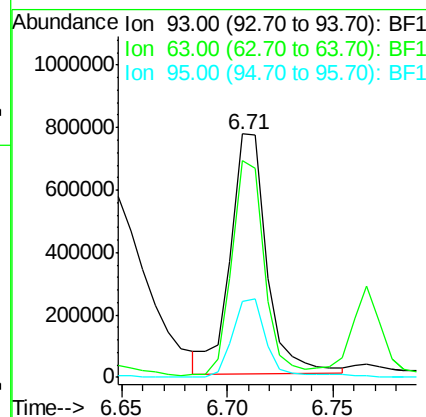
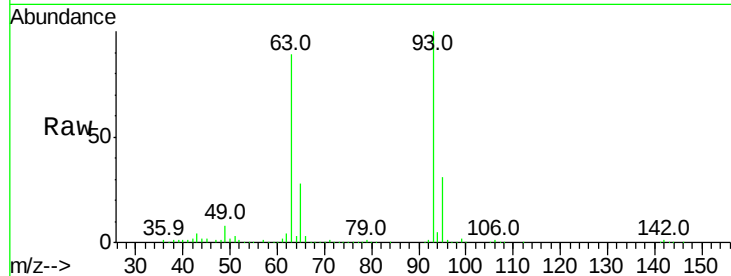
#11
bis(2-Chloroethyl)ether
Concen: 36.227 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	93	Resp	923272
Ion Ratio	Lower	Upper	
93	100		
63	88.9	58.6	98.6
95	31.0	11.8	51.8

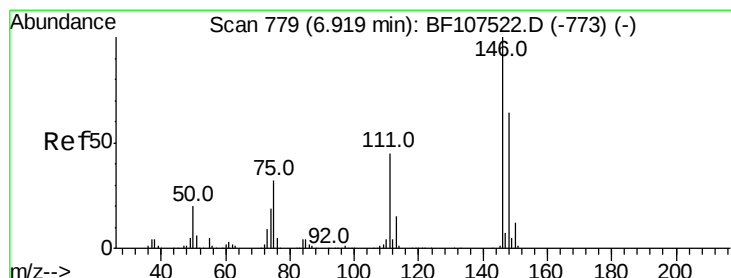
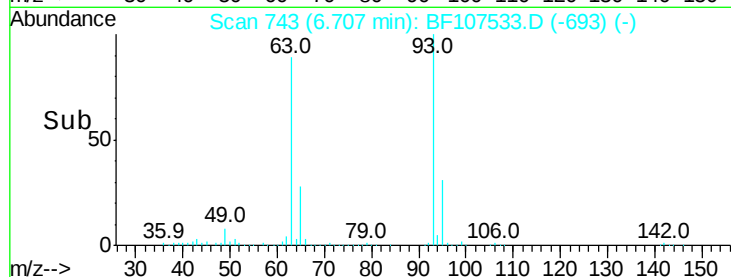
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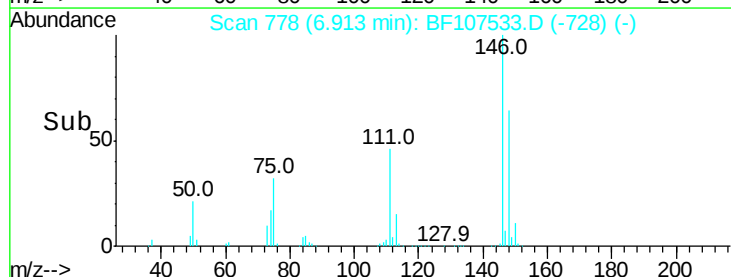
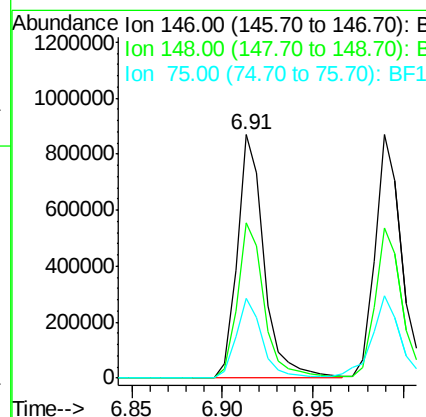
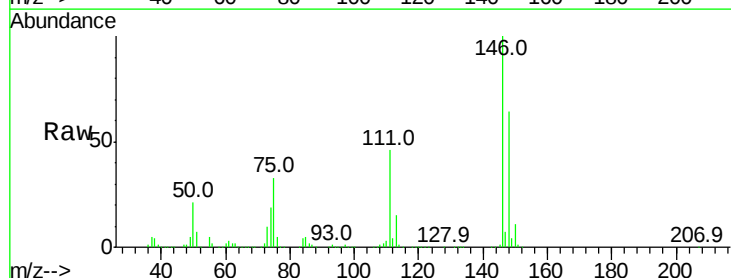
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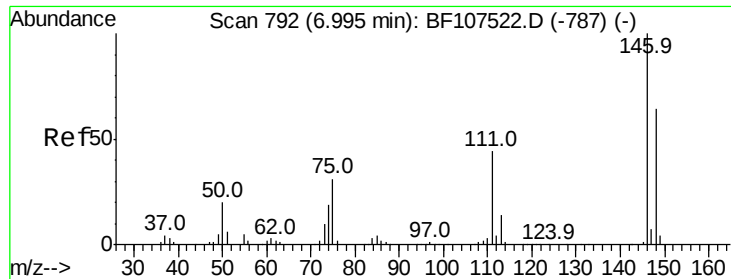
7/23/2018 12:44:37 PM



#12
1,3-Dichlorobenzene
Concen: 33.902 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	146	Resp	896460
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	33.0	24.2	36.4





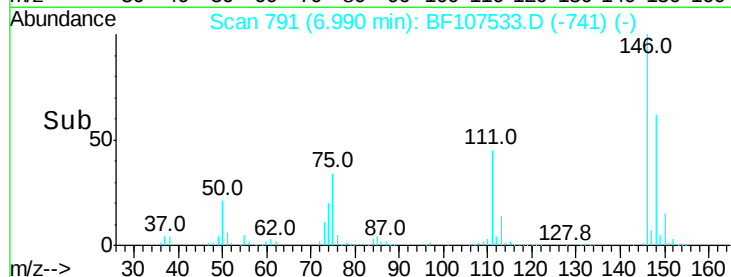
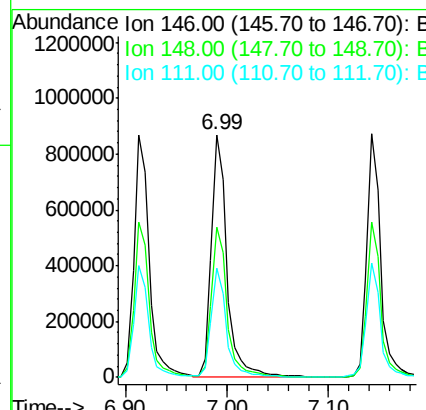
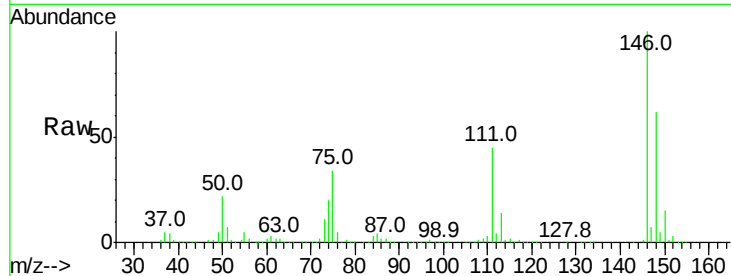
#13
1,4-Dichlorobenzene
Concen: 34.589 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
111	44.8	34.2	51.2

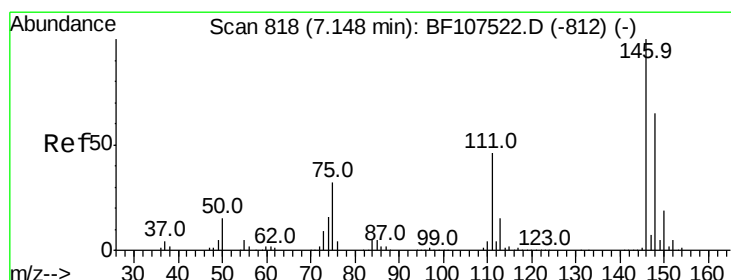
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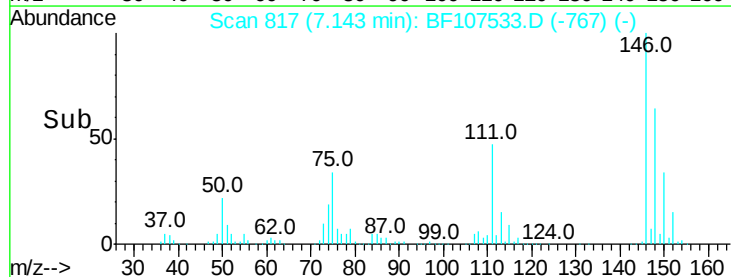
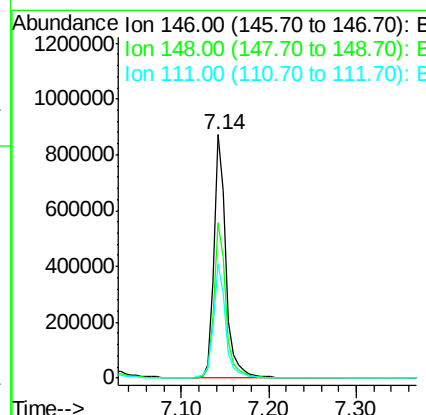
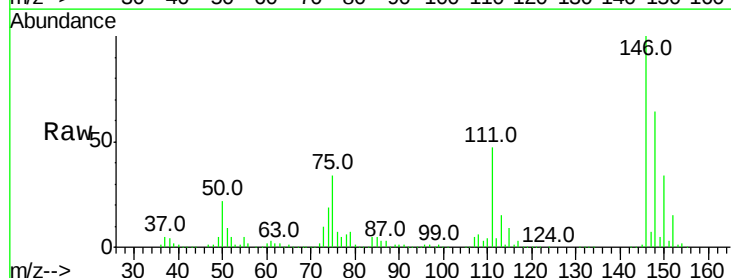
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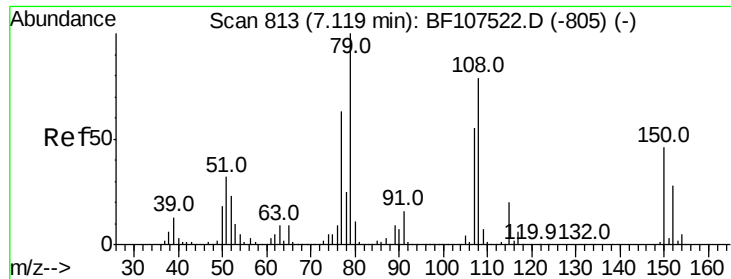
7/23/2018 12:44:37 PM



#14
1,2-Dichlorobenzene
Concen: 34.269 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	46.8	36.0	54.0





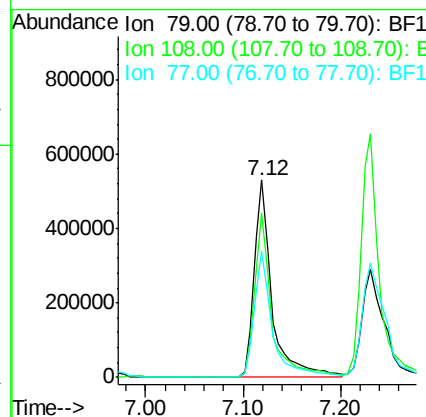
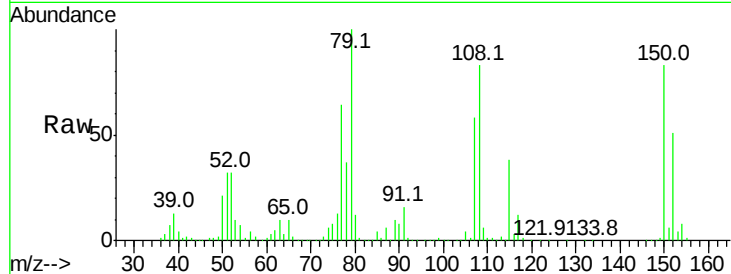
#15
Benzyl Alcohol
Concen: 38.149 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.1	97.7
77	63.7	50.6	75.8

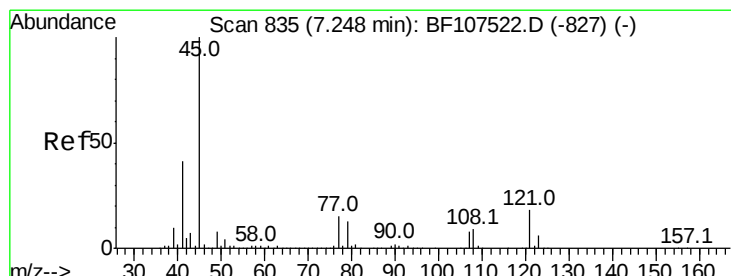
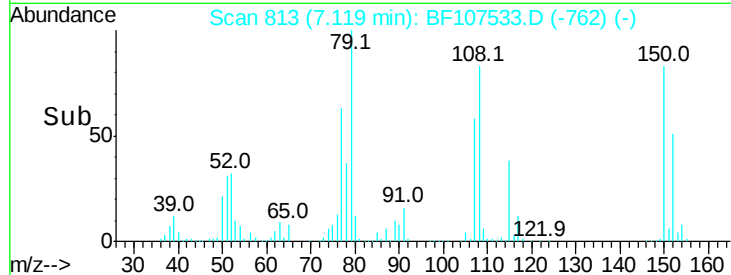
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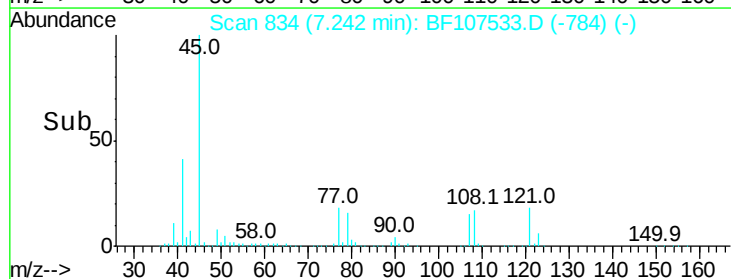
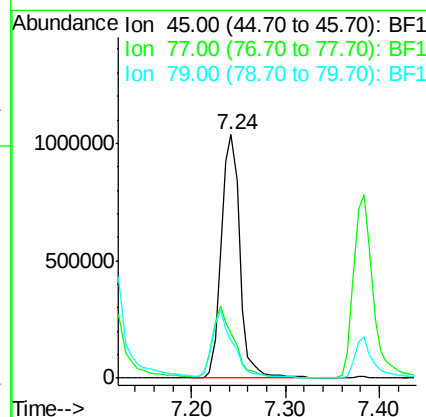
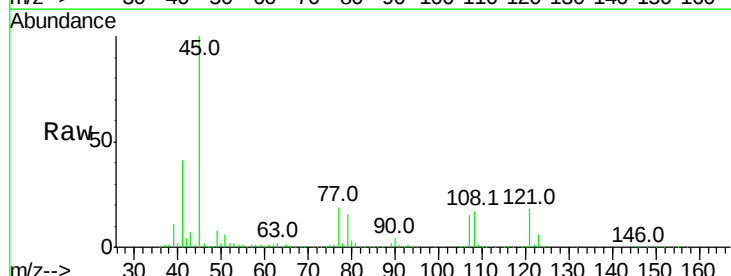
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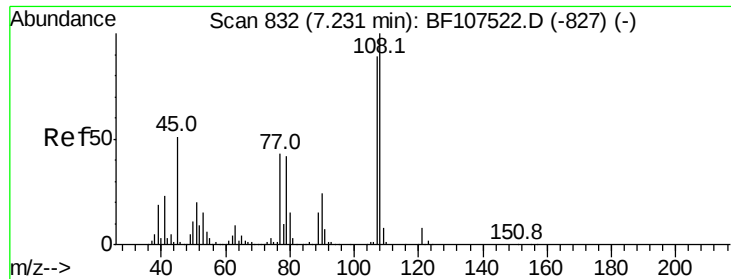
7/23/2018 12:44:37 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.632 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	32.9
79	15.5	0.0	29.6





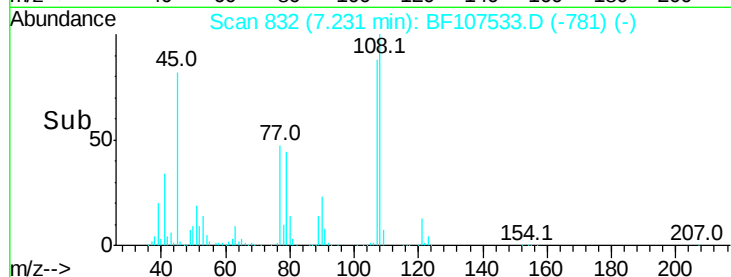
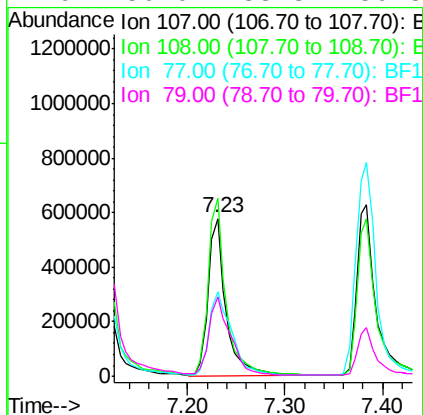
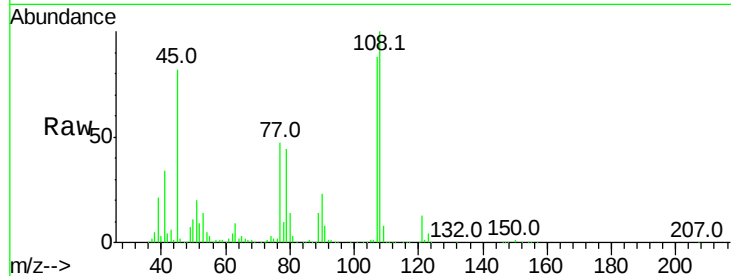
#17
2-Methylphenol
Concen: 37.057 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.7	137.5	
77	53.3	33.8	50.8#	
79	50.0	33.8	50.8	

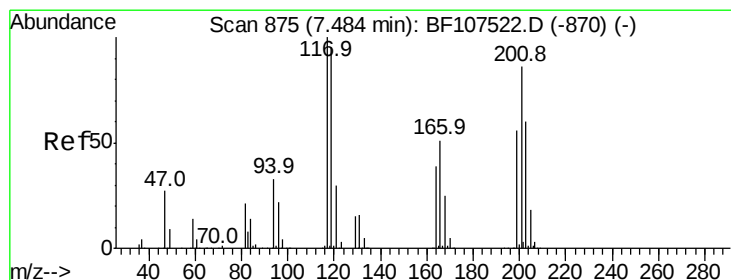
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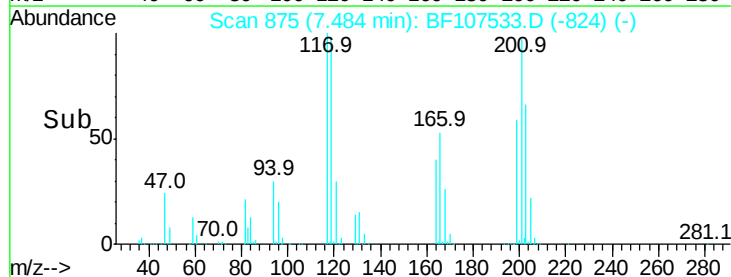
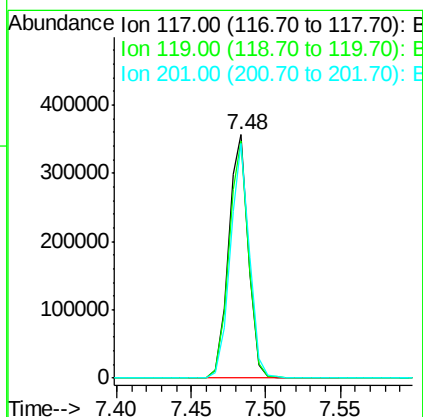
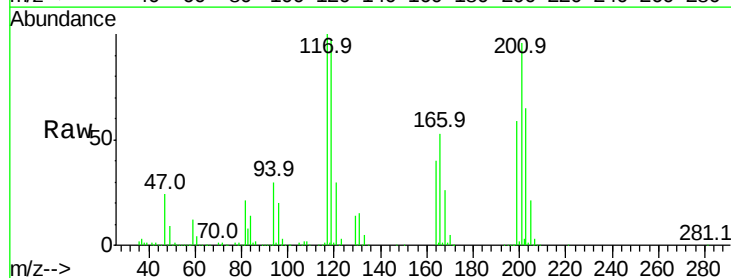
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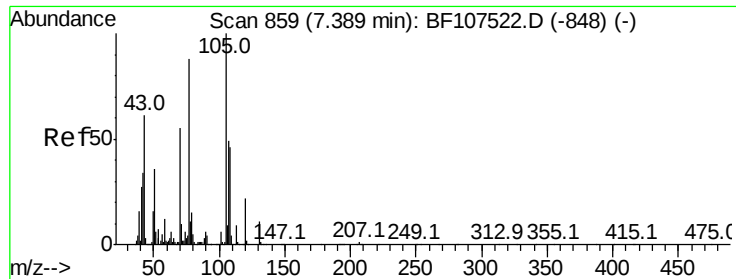
7/23/2018 12:44:37 PM



#18
Hexachloroethane
Concen: 35.341 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	96.3	75.7	113.5	





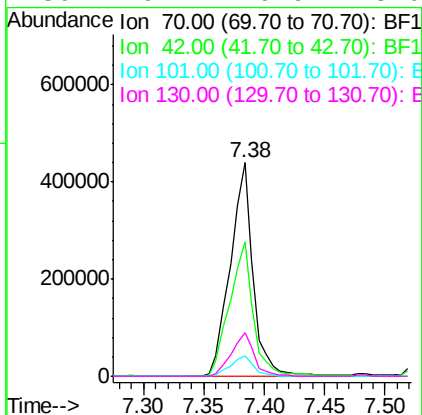
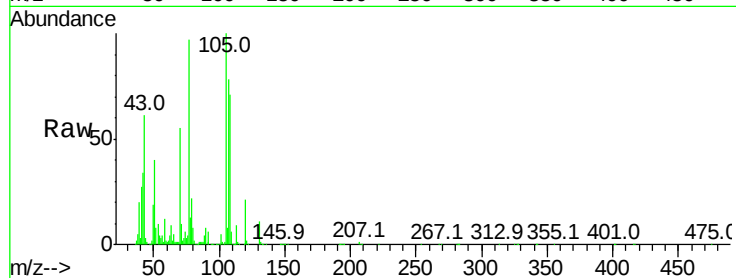
#19
n-Nitroso-di-n-propylamine
Concen: 34.245 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	47.5	71.3
101	9.6	7.4	11.2
130	20.7	16.6	25.0

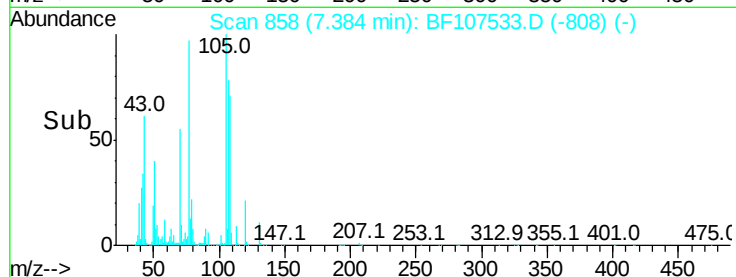
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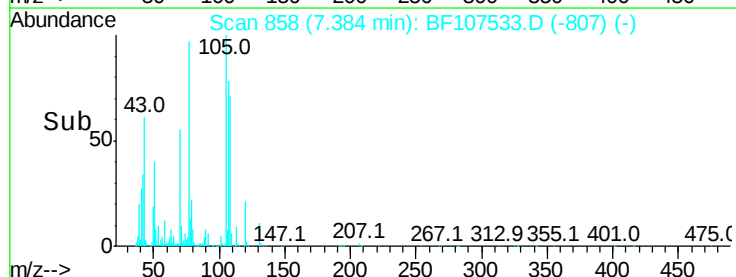
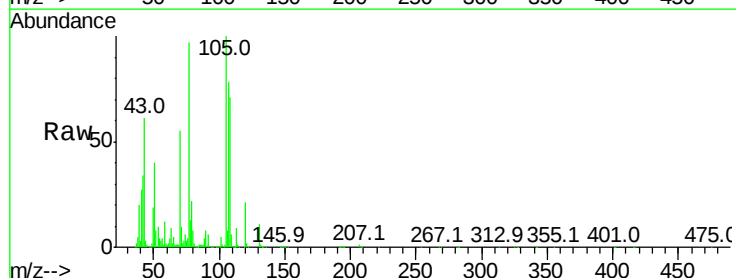
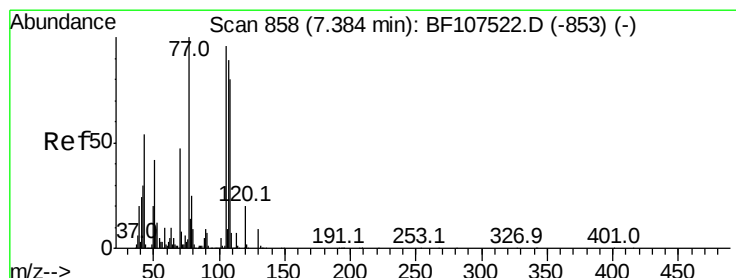
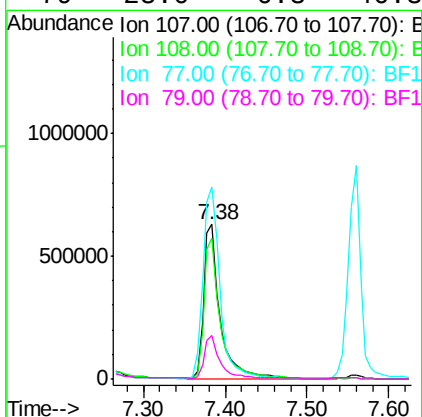
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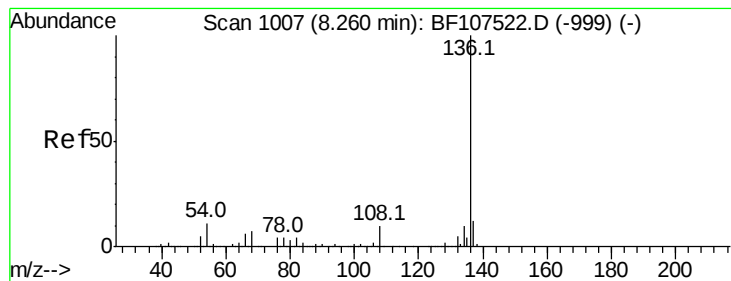
7/23/2018 12:44:37 PM



#20
3+4-Methylphenols
Concen: 37.561 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	124.3	26.7	66.7#
79	28.0	6.3	46.3





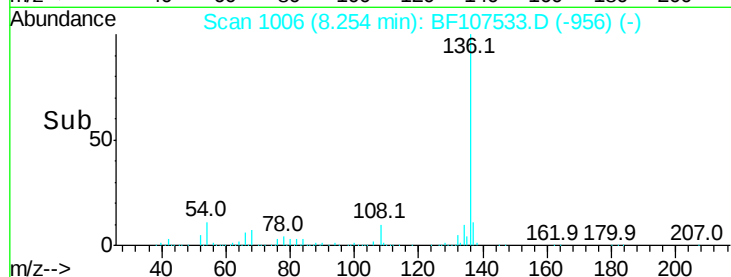
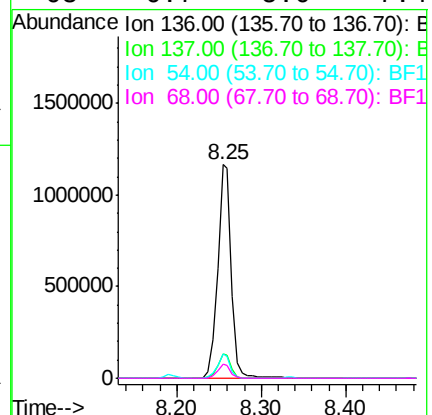
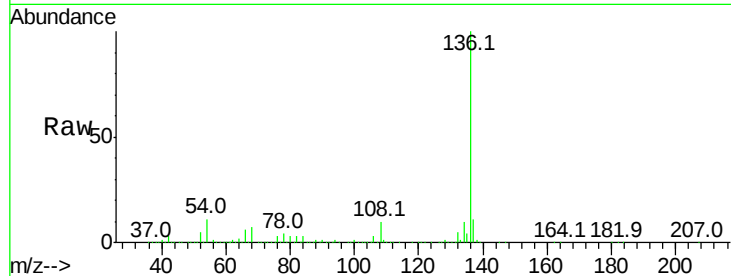
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.2	6.6	9.8#
68	6.7	5.0	7.4

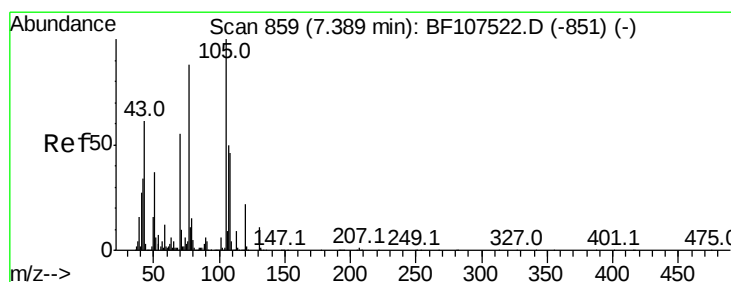
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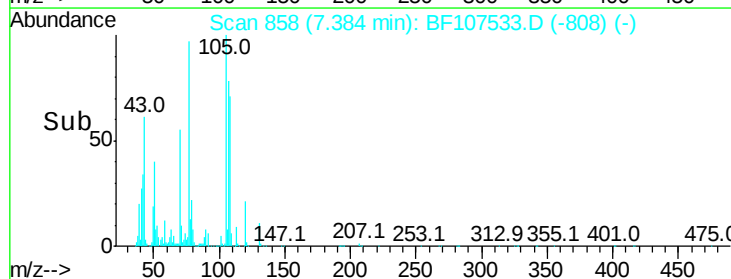
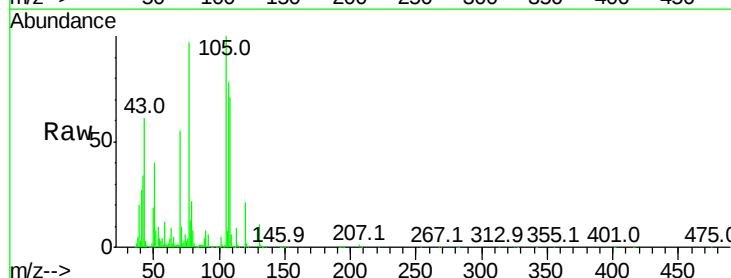
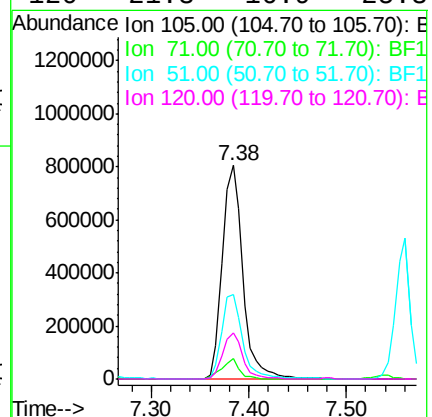
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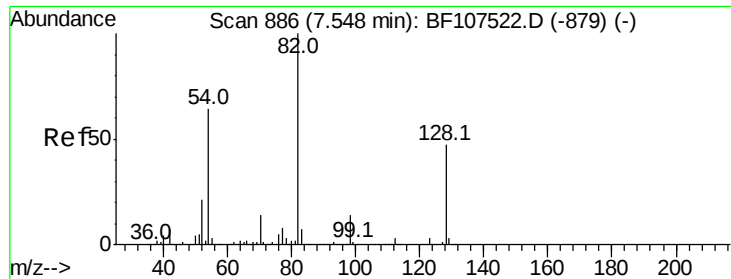
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#22
Acetophenone
Concen: 37.625 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	9.9	4.4	6.6#
51	39.8	22.3	33.5#
120	21.3	16.9	25.3





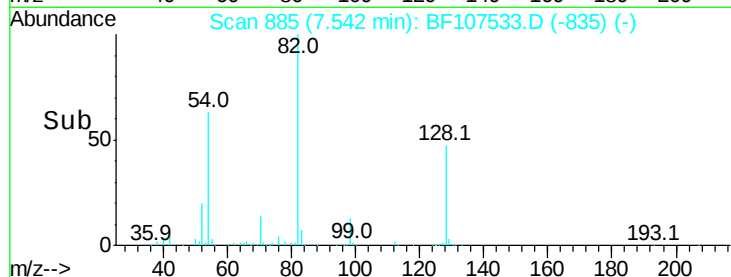
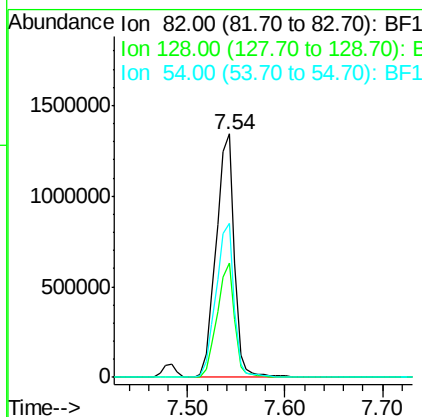
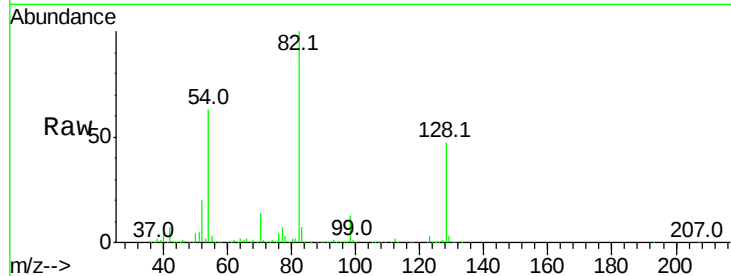
#23
 Nitrobenzene-d5
 Concen: 87.633 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion: 82 Resp: 1740620
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 63.1 41.4 62.2#

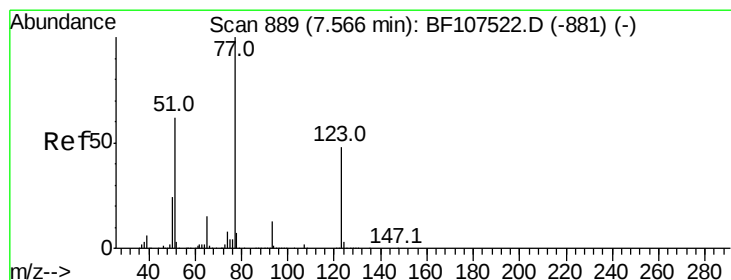
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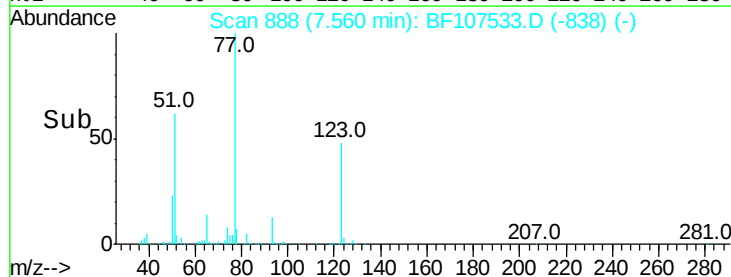
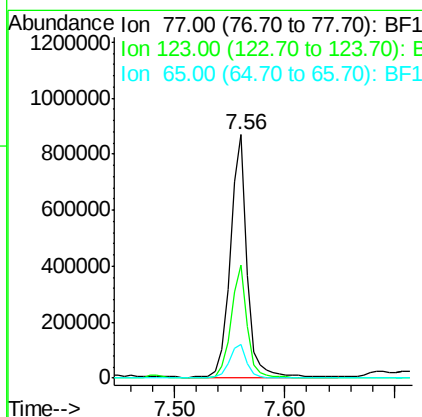
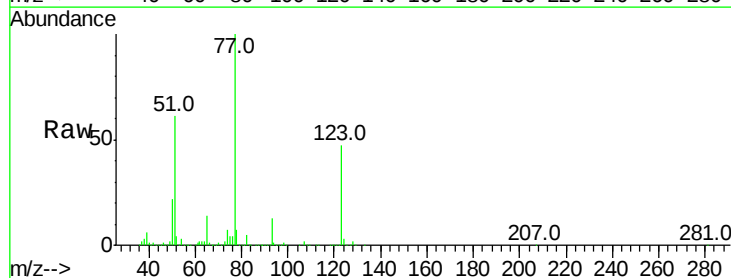
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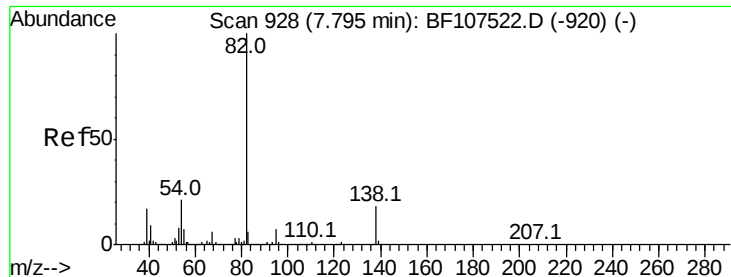
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#24
 Nitrobenzene
 Concen: 40.168 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion: 77 Resp: 913822
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.9 56.9
 65 14.1 11.0 16.4





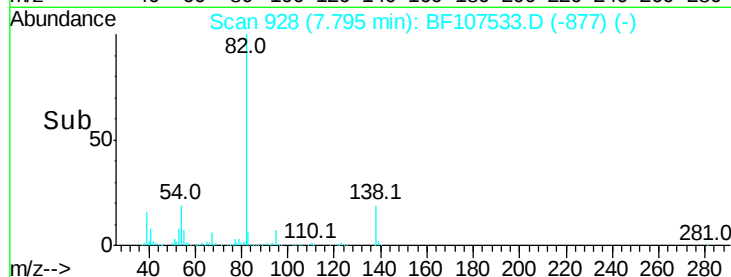
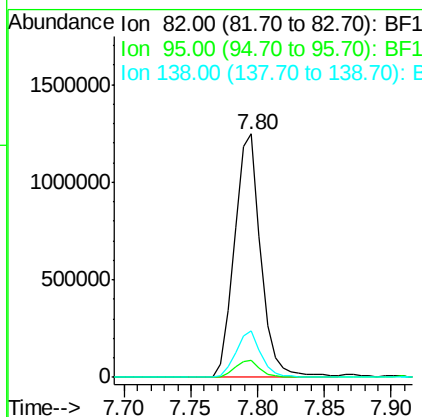
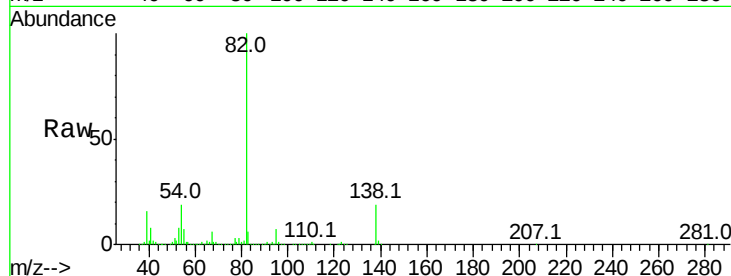
#25
Isophorone
Concen: 40.445 ng
RT: 7.80 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion: 82 Resp: 1715269
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 19.2 14.9 22.3

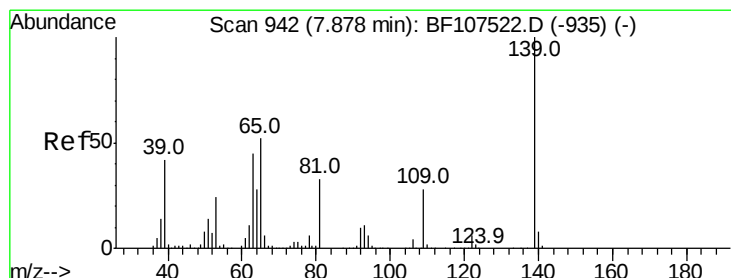
Manual Integrations
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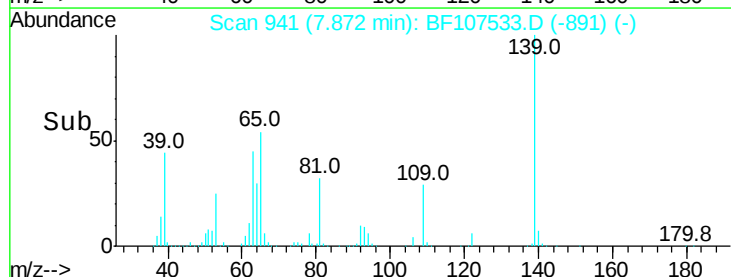
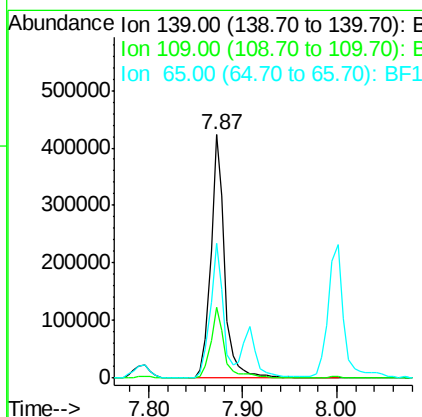
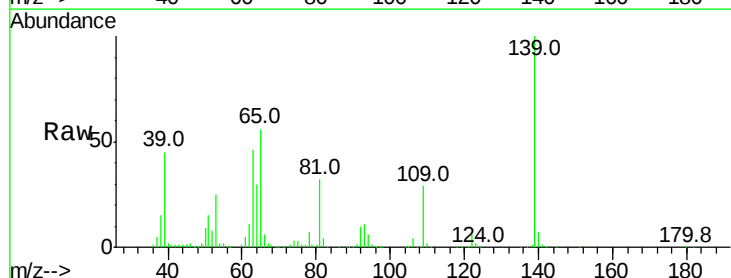
Sohil

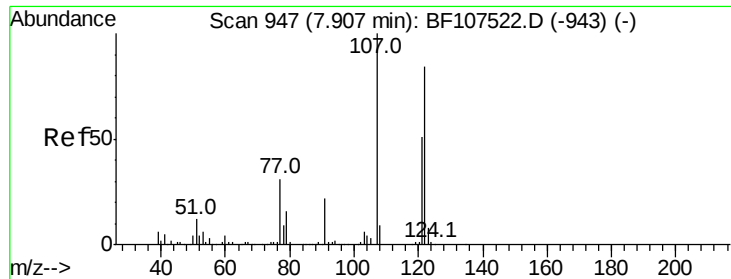
7/23/2018 12:44:37 PM



#26
2-Nitrophenol
Concen: 46.194 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion: 139 Resp: 443792
Ion Ratio Lower Upper
139 100
109 29.2 22.7 34.1
65 55.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.763 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

ClientSampleId :

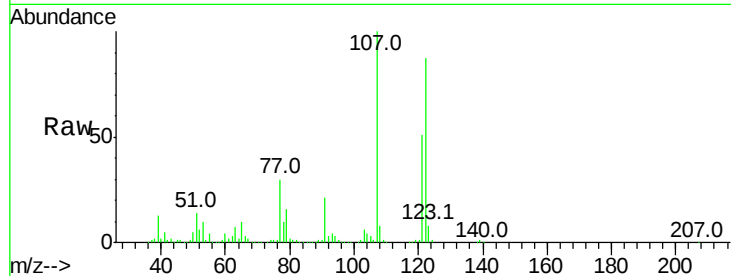
PB111265BS

Tot Ion:	122	Resp:	777643
Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.2	136.8
121	59.1	47.2	70.8

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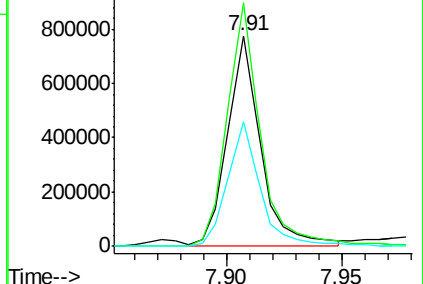
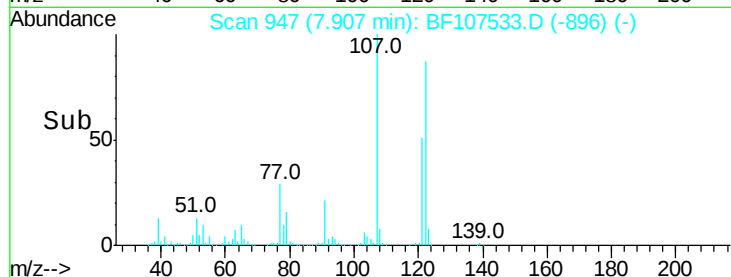
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Abundance Ion 122.00 (121.70 to 122.70): E

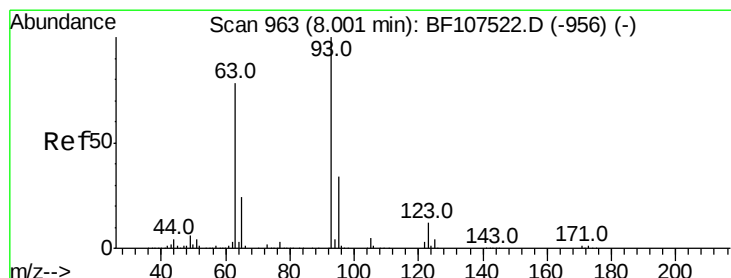
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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7/23/2018 12:44:37 PM



#28

bis(2-Chloroethoxy)methane

Concen: 38.404 ng

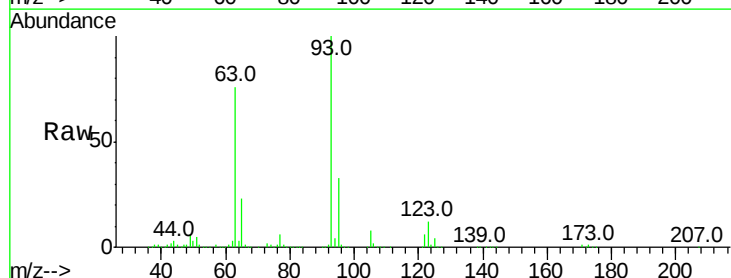
RT: 8.00 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

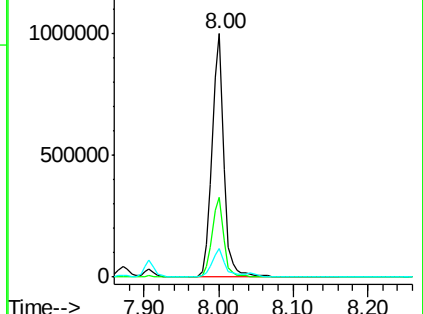
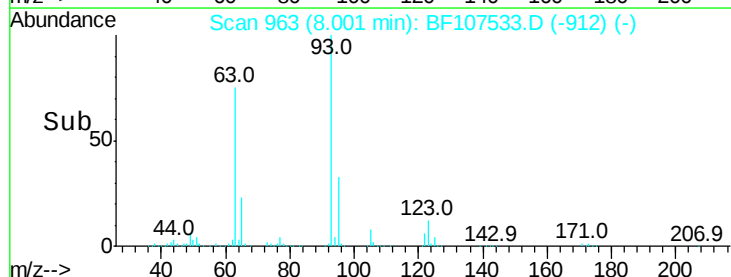
Tgt Ion:	93	Resp:	1088463
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.8	9.8	14.6

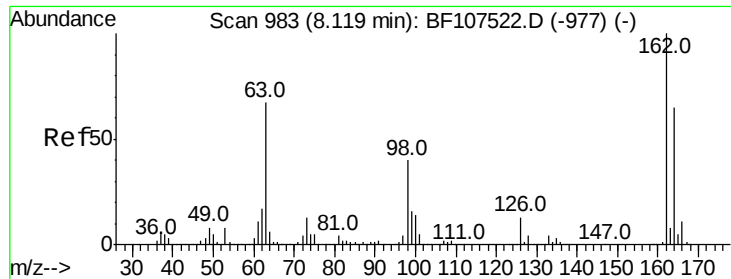


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





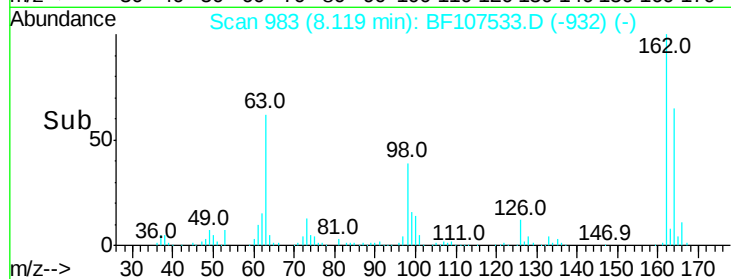
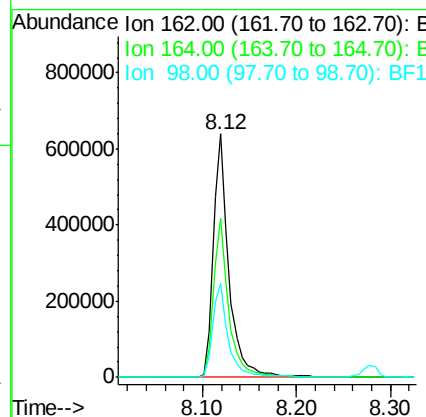
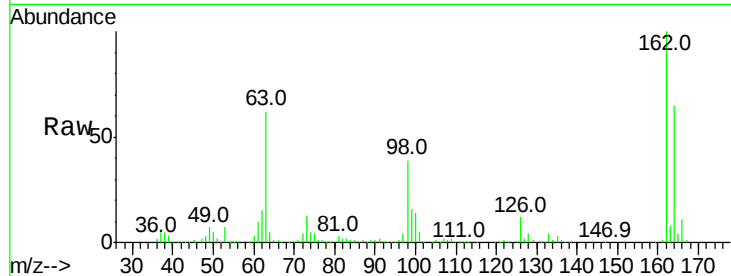
#29
 2,4-Dichlorophenol
 Concen: 40.085 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	745061		
164	65.1	42.7	82.7	
98	38.7	18.1	58.1	

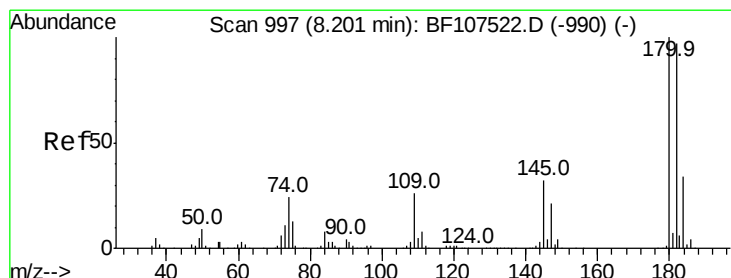
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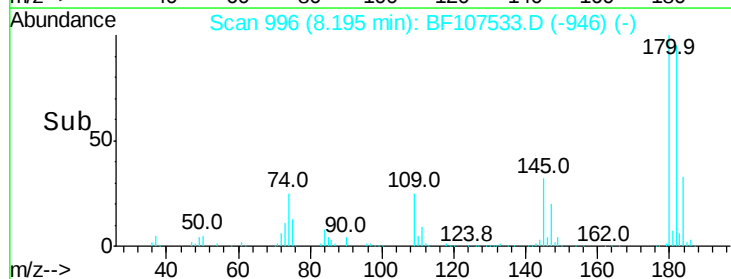
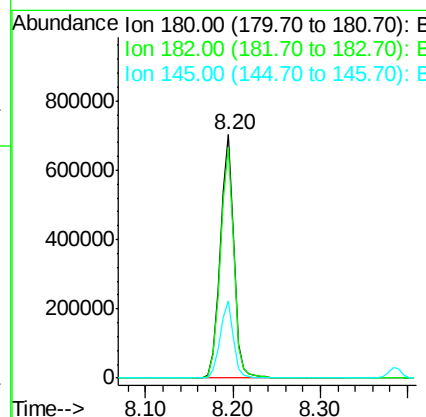
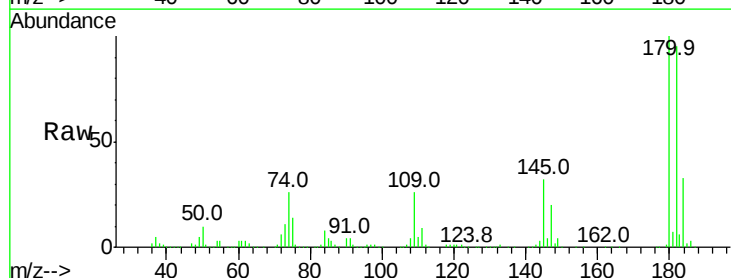
Sohil

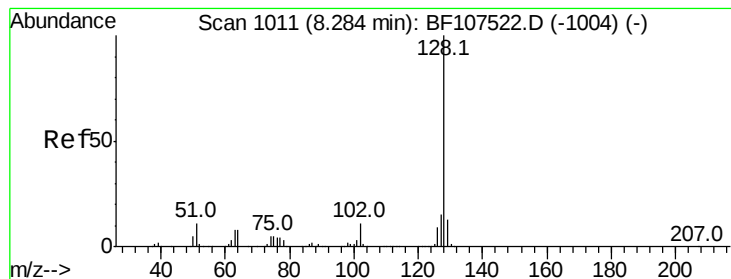
7/23/2018 12:44:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.395 ng
 RT: 8.20 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	759785		
182	94.9	76.8	115.2	
145	31.9	26.5	39.7	





#31

Naphthalene

Concen: 39.416 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

ClientSampleId :

PB111265BS

Tot Ion:128 Resp: 2323435

Ion Ratio Lower Upper

128 100

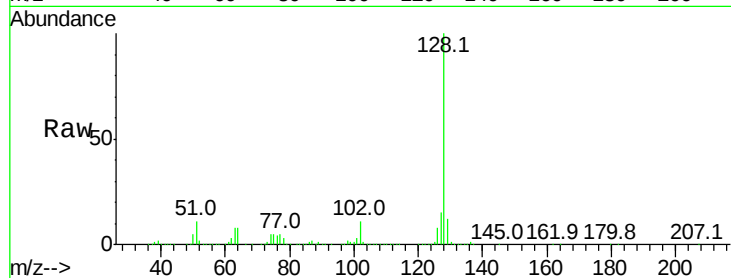
129 12.5 8.8 13.2

127 14.6 10.9 16.3

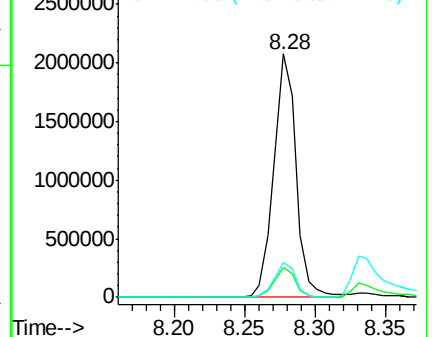
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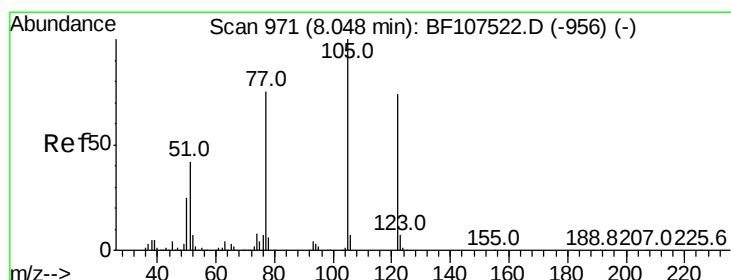
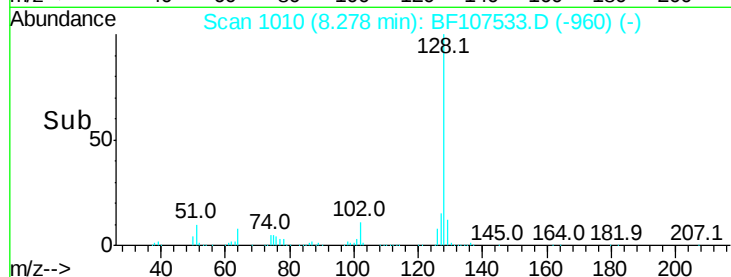


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 41.979 ng

RT: 8.04 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

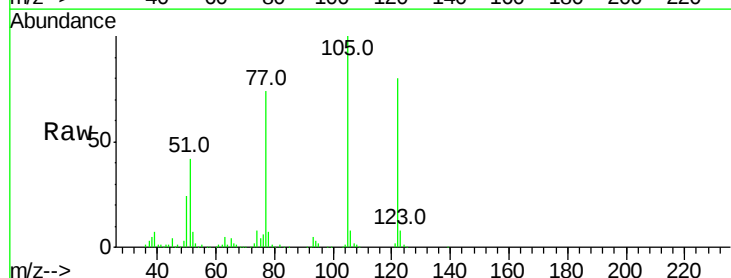
Tgt Ion:122 Resp: 517893

Ion Ratio Lower Upper

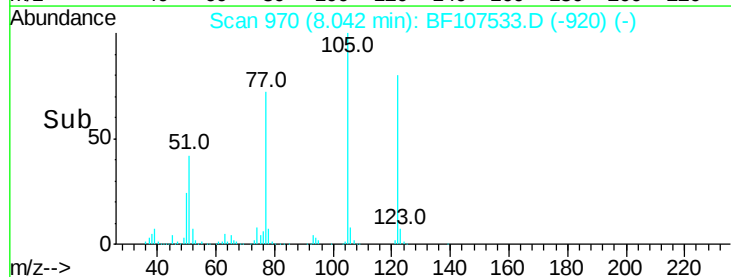
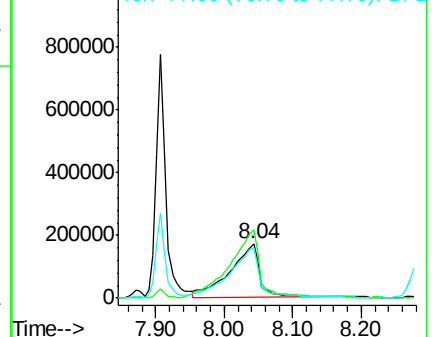
122 100

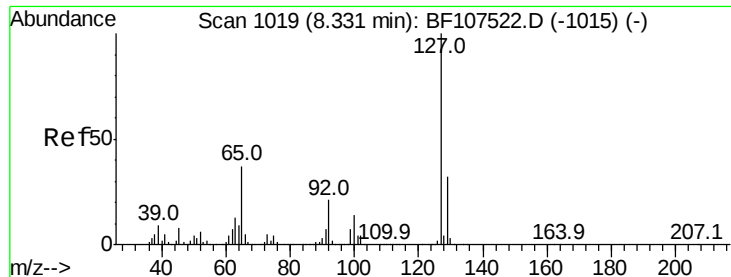
105 125.4 101.1 141.1

77 92.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





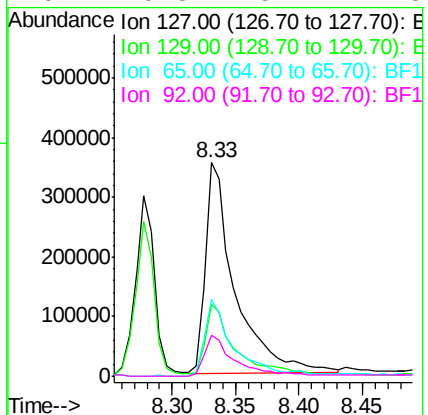
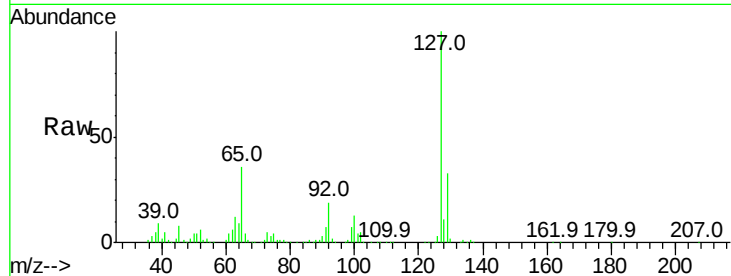
#33
4-Chloroaniline
Concen: 22.552 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	25.9	38.9	
65	36.1	25.0	37.4	
92	19.3	15.2	22.8	

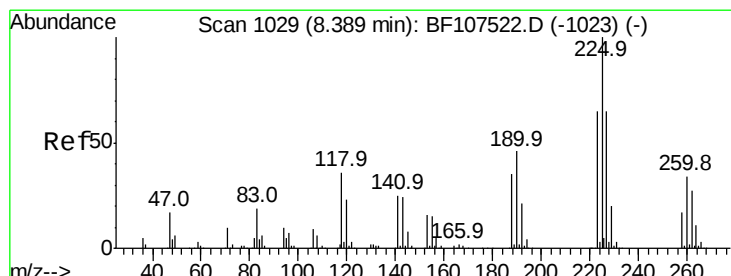
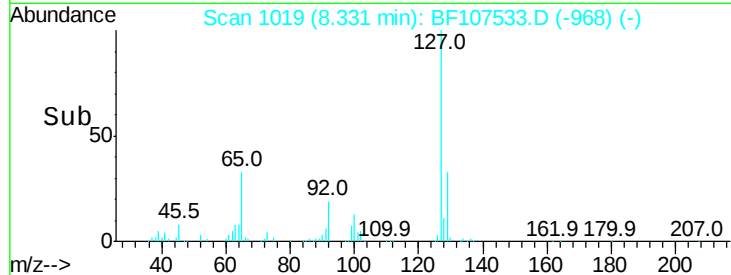
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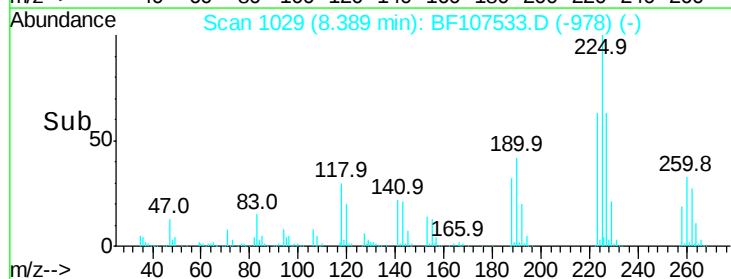
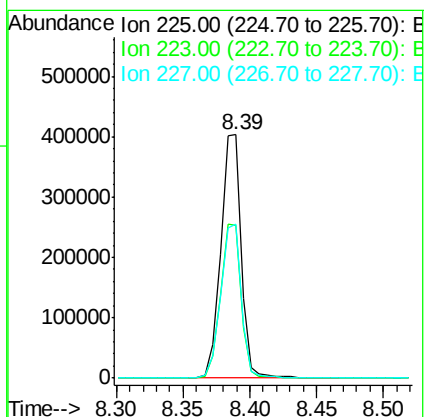
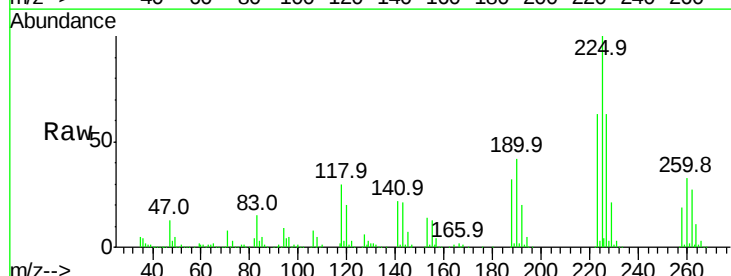
Sohil

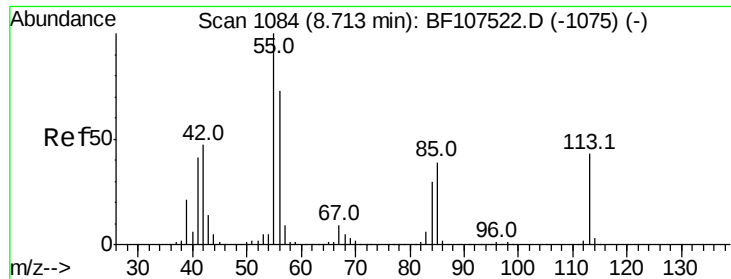
7/23/2018 12:44:37 PM



#34
Hexachlorobutadiene
Concen: 35.429 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.6	76.0	
227	63.4	51.9	77.9	





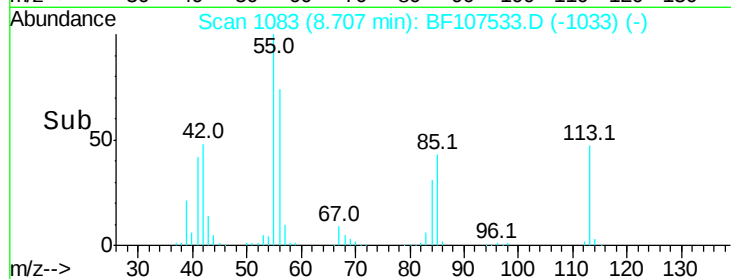
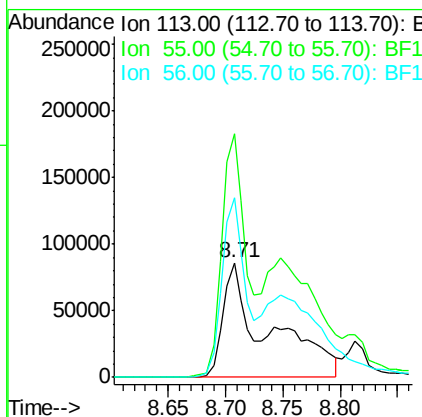
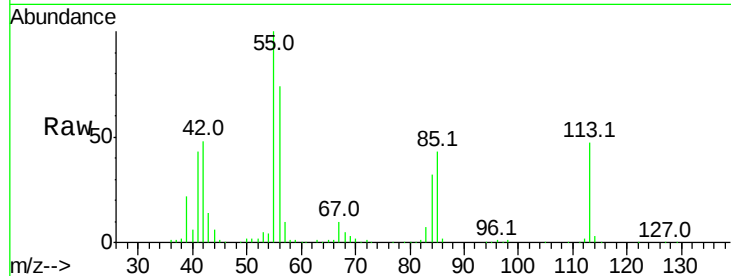
#35
 Caprolactam
 Concen: 38.627 ng m
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion:113 Resp: 233528
 Ion Ratio Lower Upper
 113 100
 55 211.8 163.3 203.3#
 56 156.2 115.7 155.7#

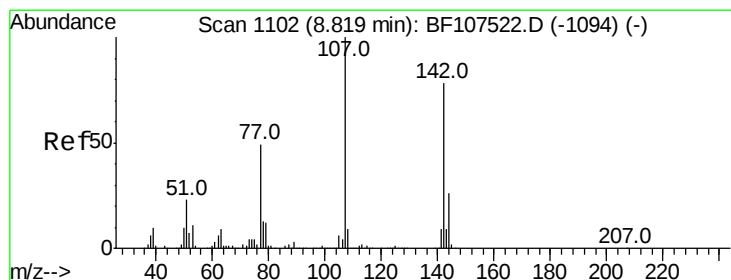
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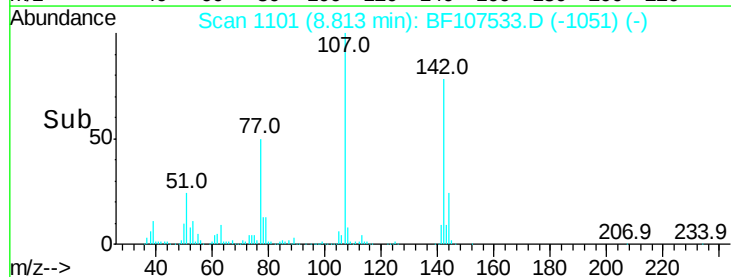
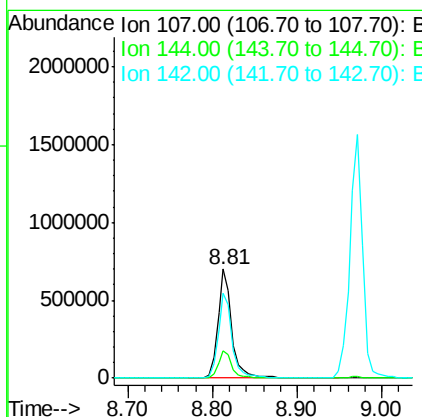
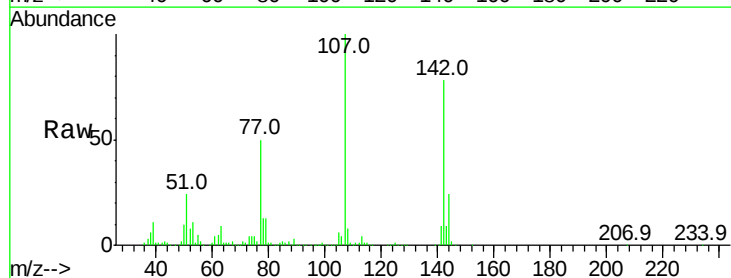
Sohil

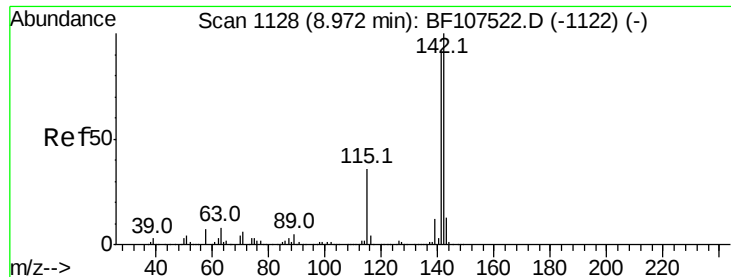
7/23/2018 12:44:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.429 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion:107 Resp: 814098
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.5 30.7
 142 77.6 62.0 93.0





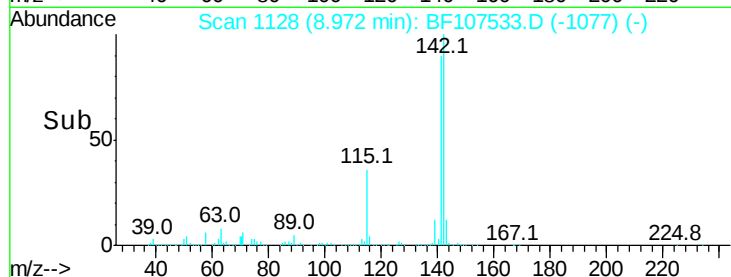
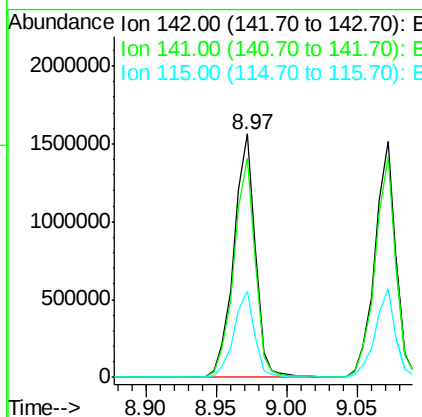
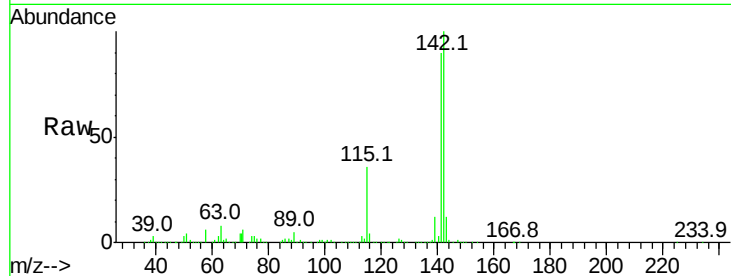
#37
2-Methylnaphthalene
Concen: 40.674 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	35.6	26.1	39.1

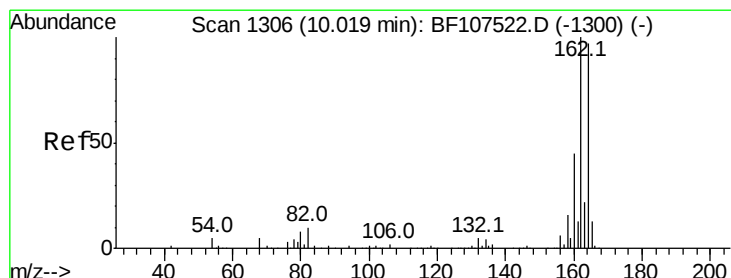
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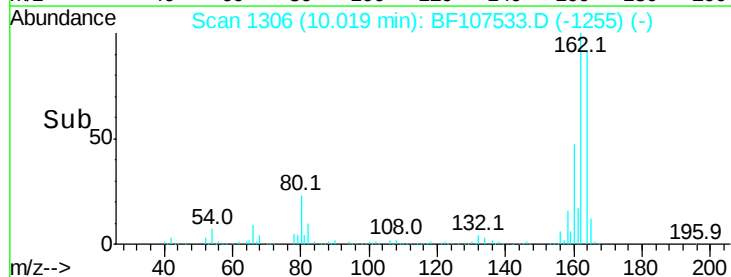
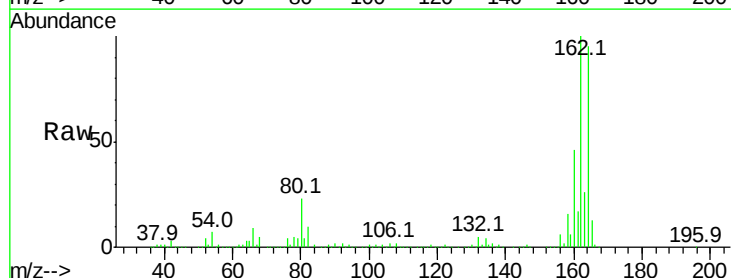
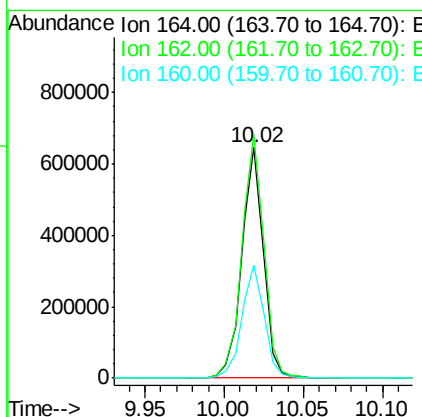
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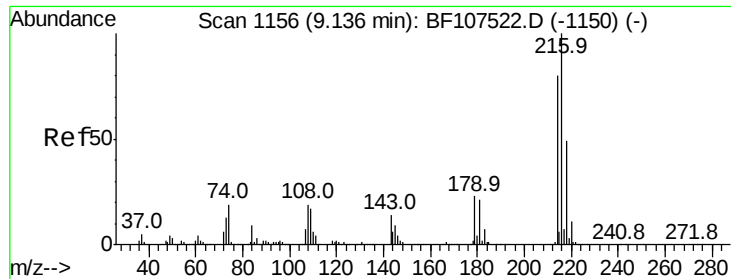
7/23/2018 12:44:37 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	49.0	38.3	57.5





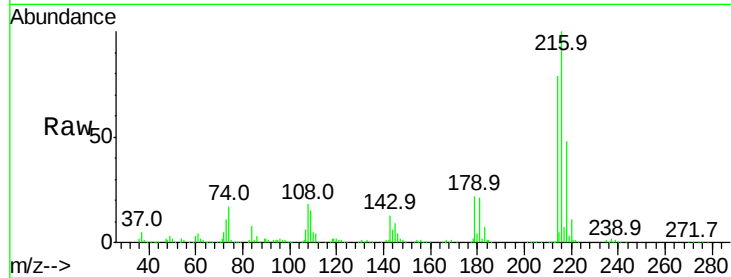
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.517 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

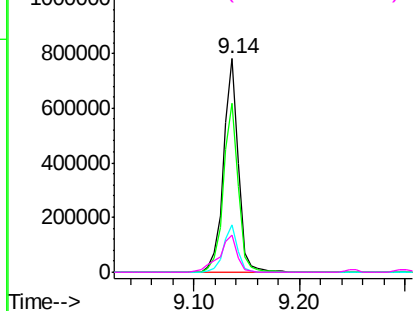
Tot Ion	Ratio	Resp	Lower	Upper
216	100	760898		
214	79.5	63.0	94.4	
179	21.4	18.1	27.1	
108	21.7	17.2	25.8	

Manual Integrations
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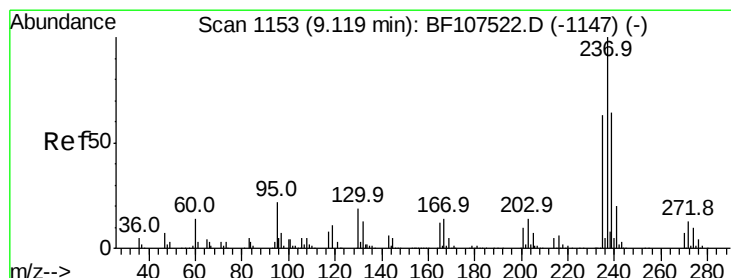
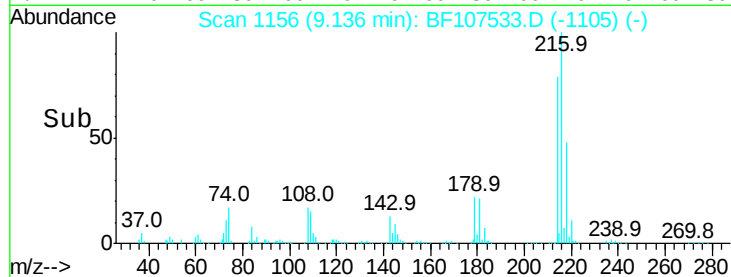


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



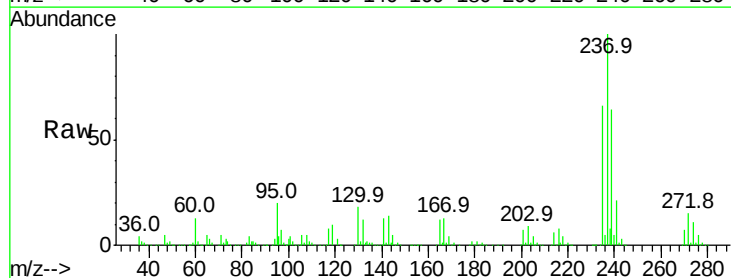
Sohil

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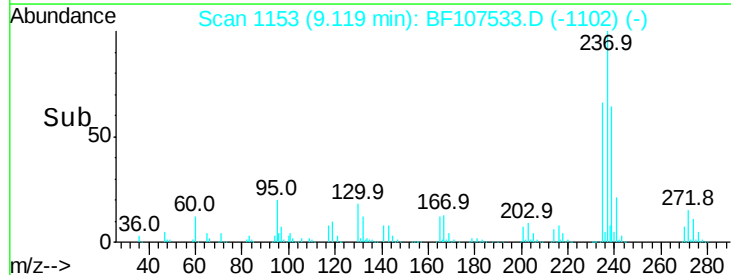
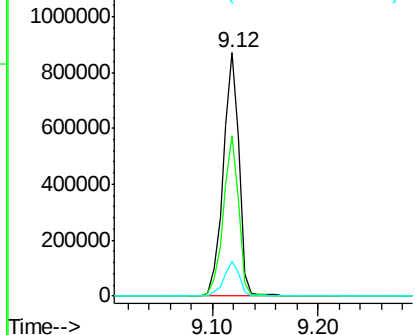


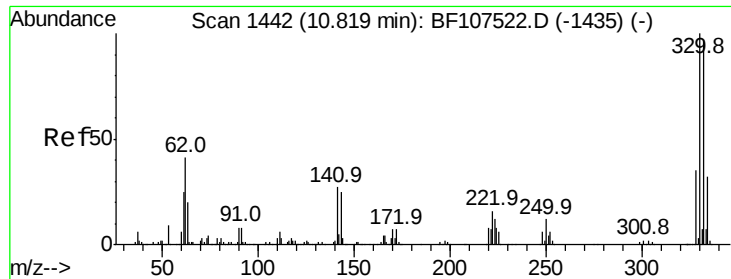
#40
 Hexachlorocyclopentadiene
 Concen: 87.809 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	905293		
235	65.7	44.8	84.8	
272	14.5	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 123.278 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

ClientSampleId :

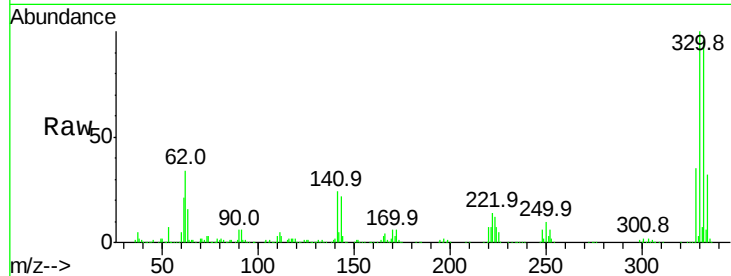
PB111265BS

Tot Ion:	330	Resp:	852414
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	30.1	29.9	44.9

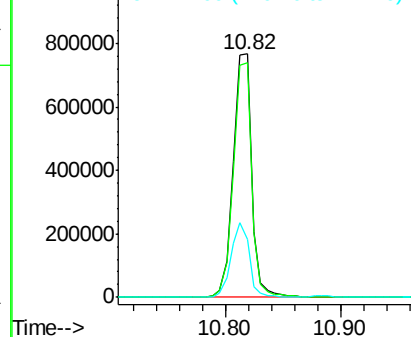
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7/23/2018 12:44:37 PM

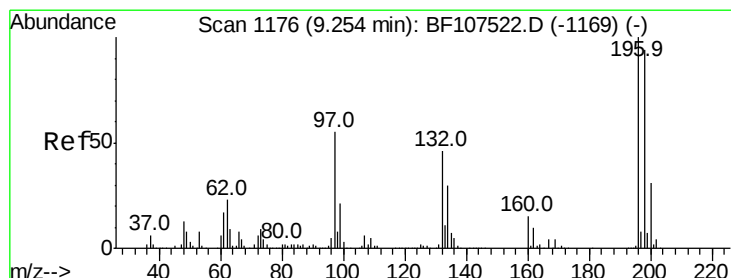
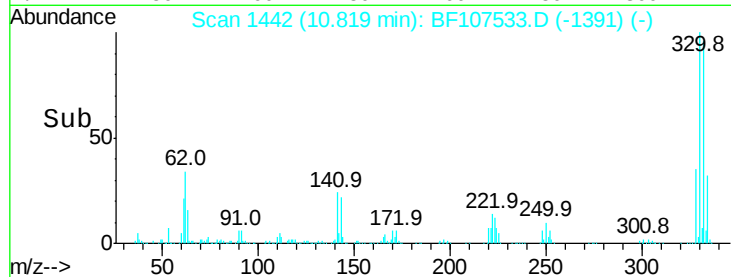


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



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7/23/2018 12:44:37 PM



#42

2,4,6-Trichlorophenol

Concen: 39.691 ng

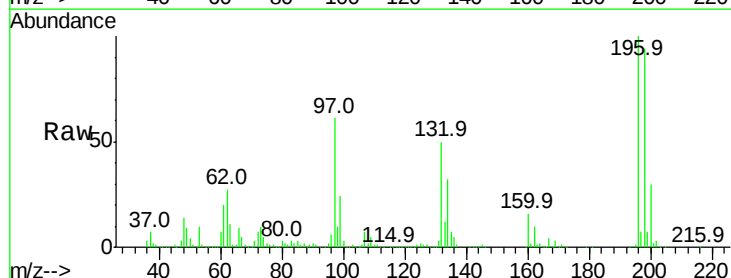
RT: 9.25 min Scan# 1175

Delta R.T. -0.01 min

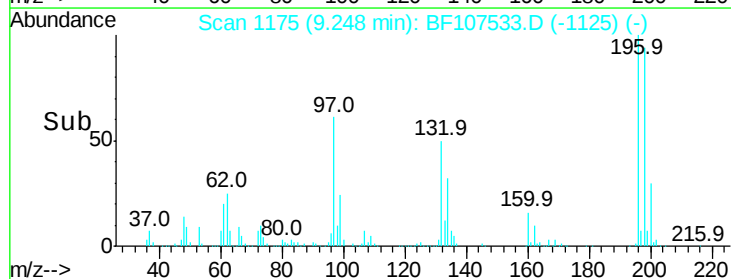
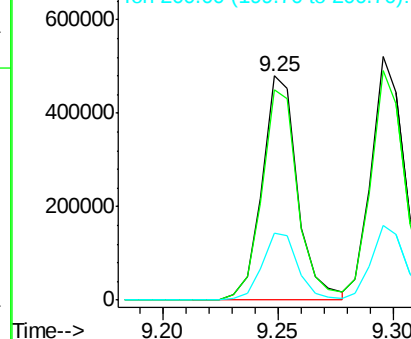
Lab File: BF107533.D

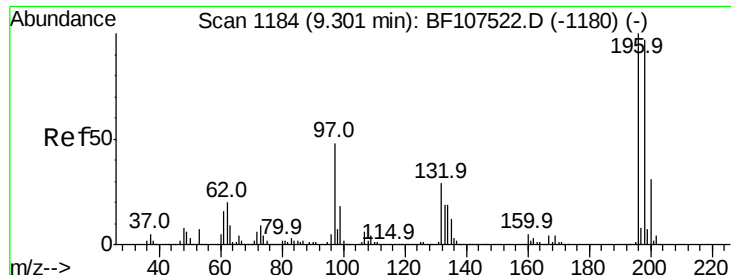
Acq: 20 Jul 2018 19:38

Tgt Ion:	196	Resp:	515260
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
200	29.9	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





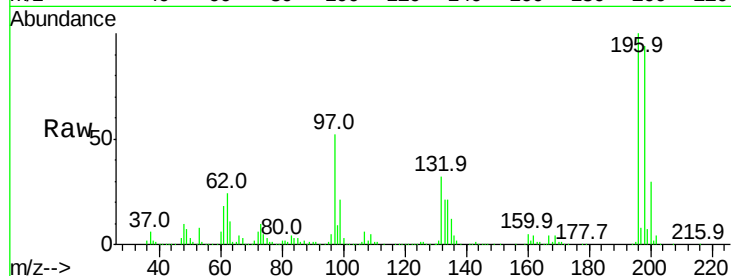
#43
 2,4,5-Trichlorophenol
 Concen: 41.247 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampled :
 PB111265BS

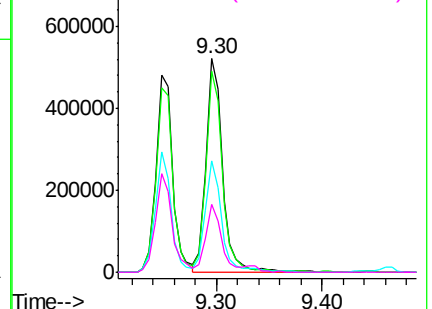
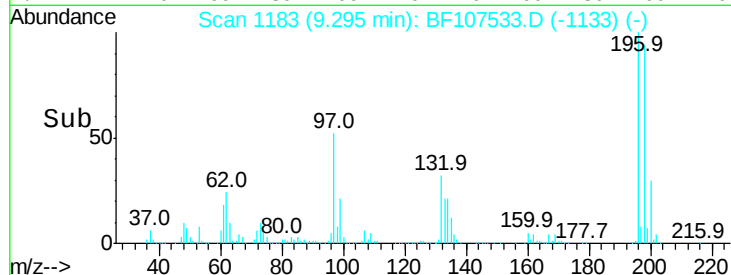
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.4	74.6	112.0	
97	52.3	42.9	64.3	
132	32.0	26.3	39.5	

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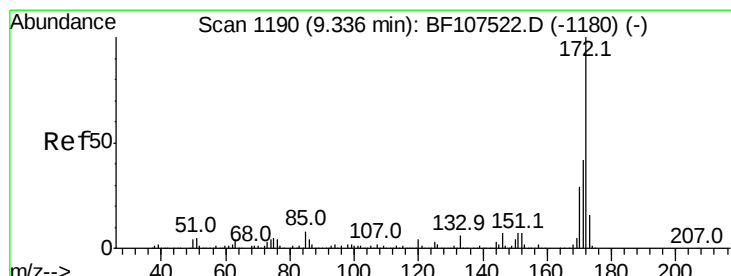


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



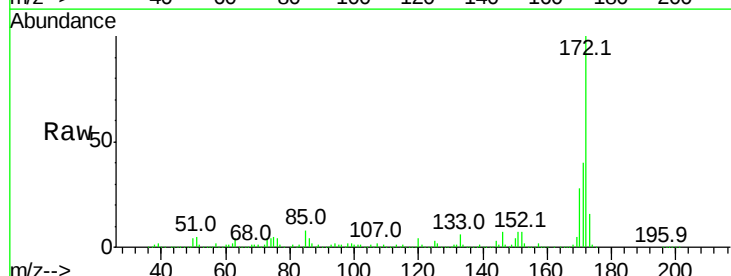
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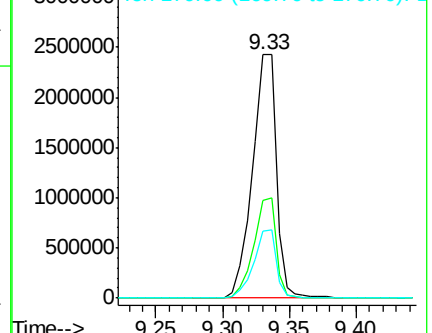
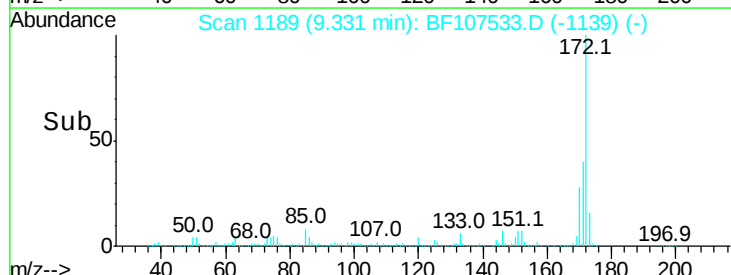


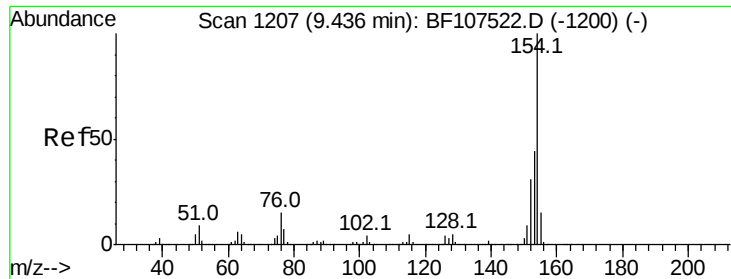
#44
 2-Fluorobiphenyl
 Concen: 83.519 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	40.0	29.7	44.5	
170	27.8	19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





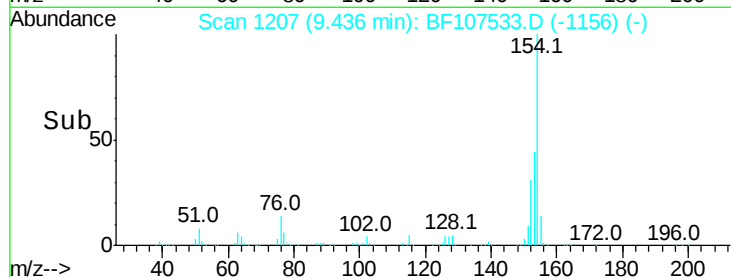
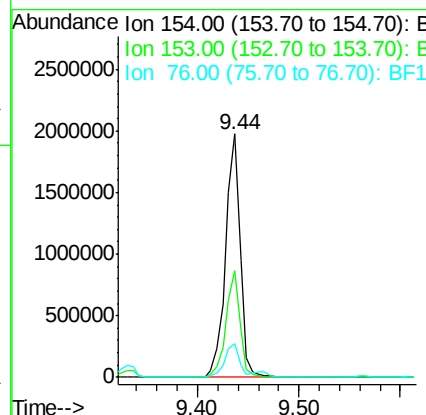
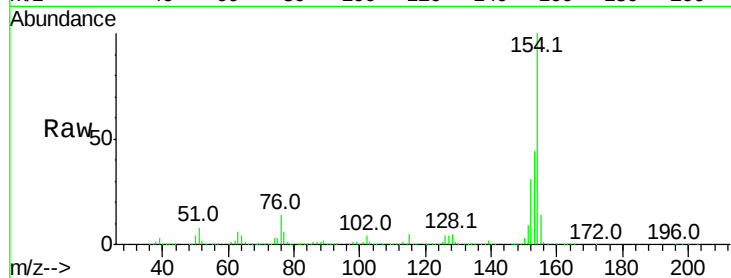
#45
1,1'-Biphenyl
Concen: 37.322 ng
RT: 9.44 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.9	21.3	61.3
76	13.8	0.0	34.0

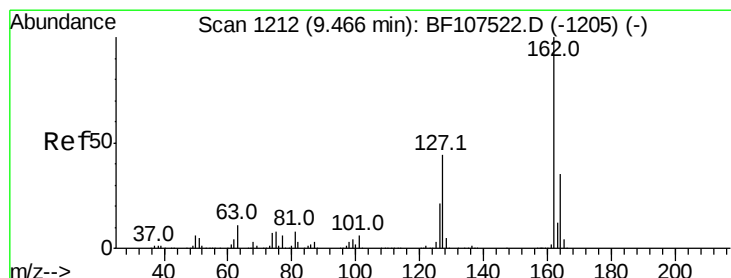
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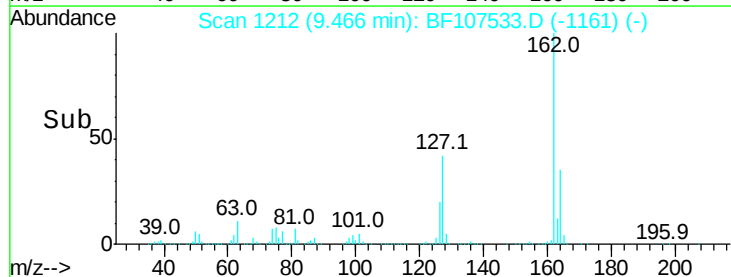
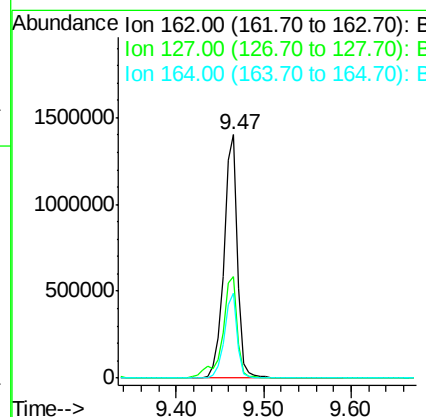
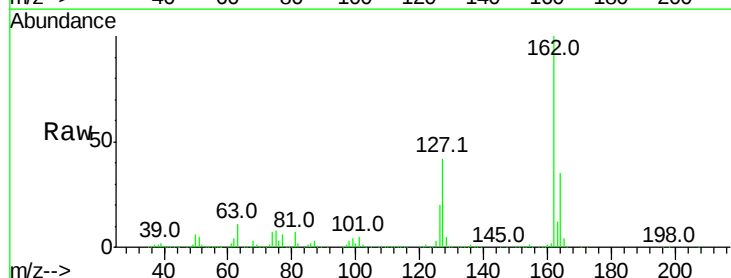
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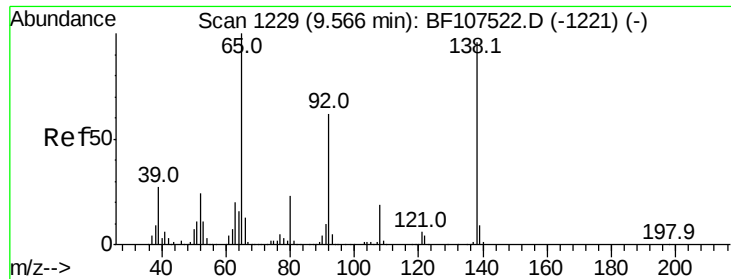
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#46
2-Chloronaphthalene
Concen: 36.925 ng
RT: 9.47 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	35.0	26.5	39.7





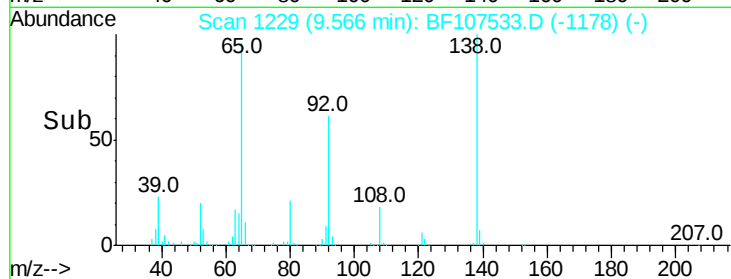
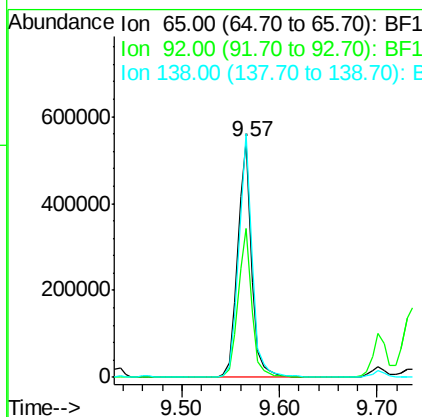
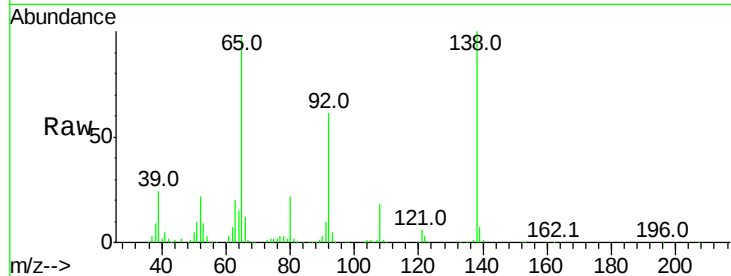
#47
2-Nitroaniline
Concen: 45.555 ng
RT: 9.57 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.2	55.8	83.6
138	103.4	91.2	136.8

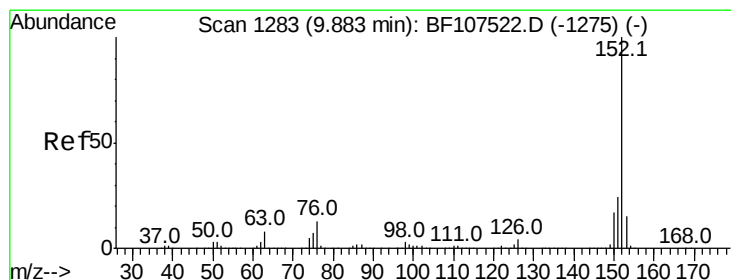
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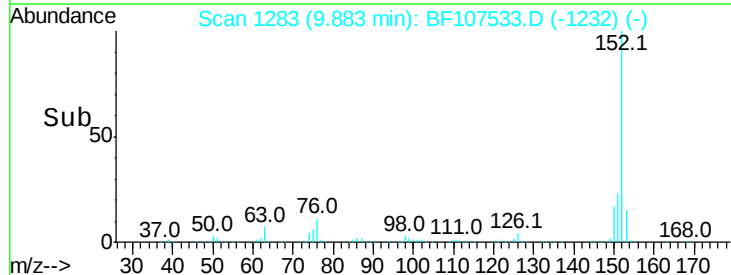
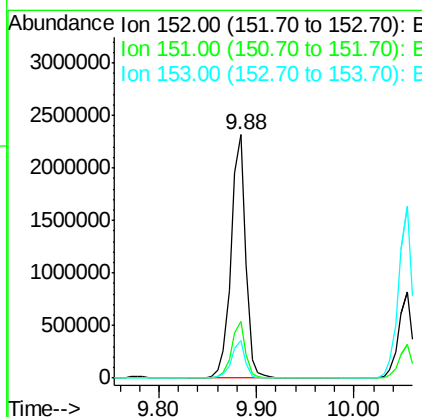
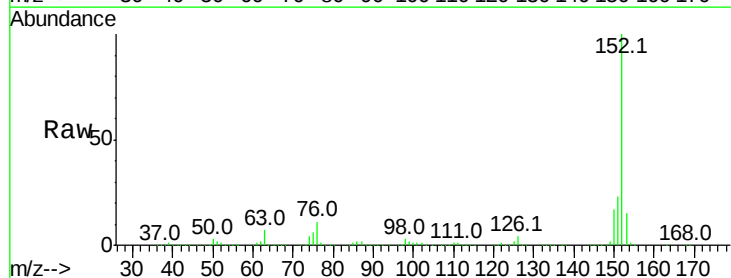
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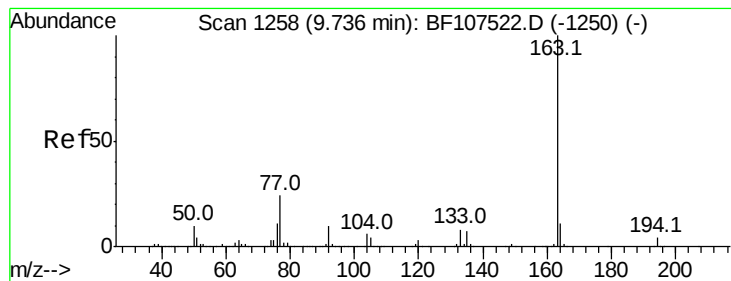
7/23/2018 12:44:37 PM



#48
Acenaphthylene
Concen: 39.775 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.3	24.5
153	15.2	10.7	16.1





#49

Dimethylphthalate

Concen: 38.433 ng

RT: 9.74 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

ClientSampleId :

PB111265BS

Tot Ion:163 Resp: 1761284

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

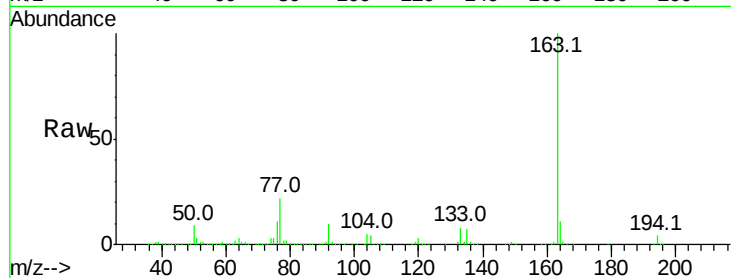
164 10.8 8.2 12.2

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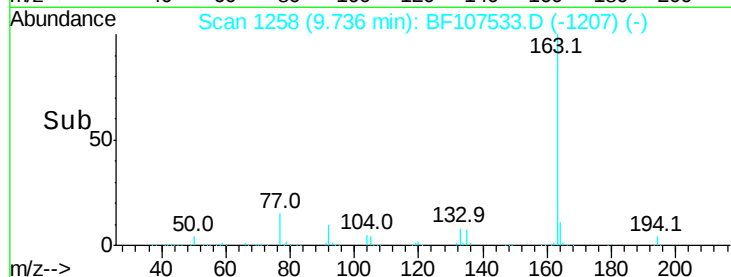
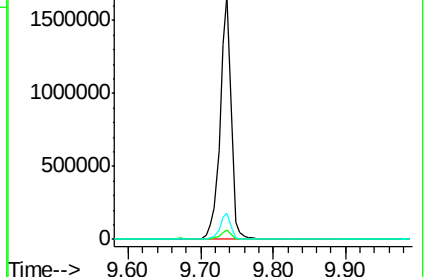
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Abundance Ion 163.00 (162.70 to 163.70): E

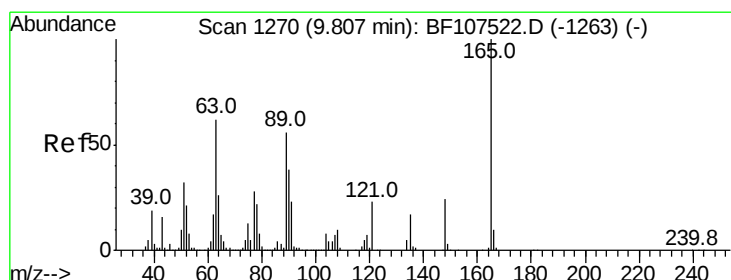
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



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7/23/2018 12:44:37 PM



#50

2,6-Dinitrotoluene

Concen: 43.344 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

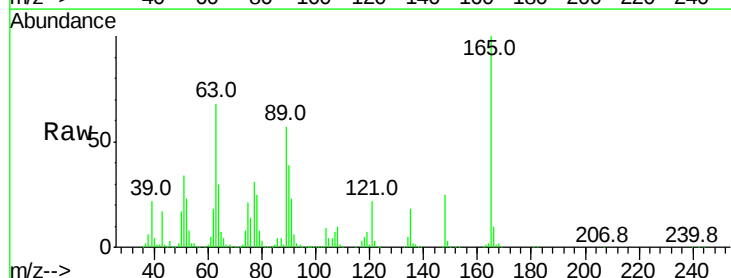
Tgt Ion:165 Resp: 394368

Ion Ratio Lower Upper

165 100

63 68.0 44.7 67.1#

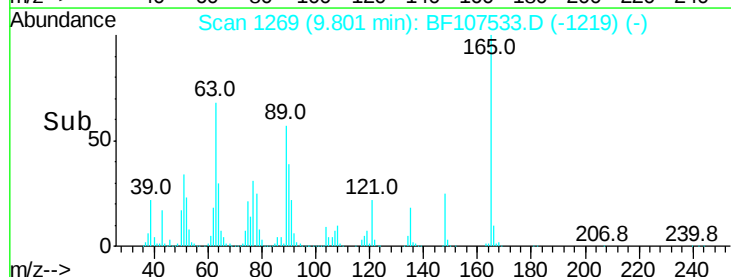
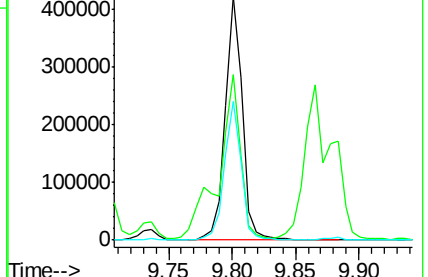
89 57.1 44.0 66.0

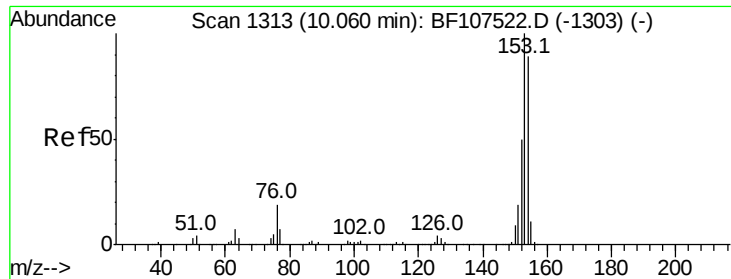


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





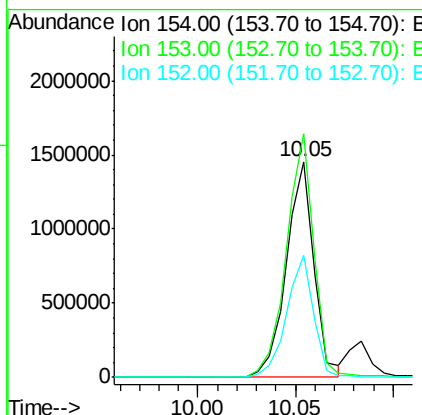
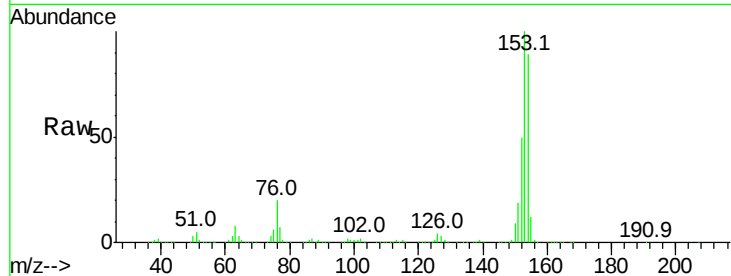
#51
Acenaphthene
Concen: 37.492 ng
RT: 10.05 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion:154 Resp: 1428746
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 56.6 43.8 65.8

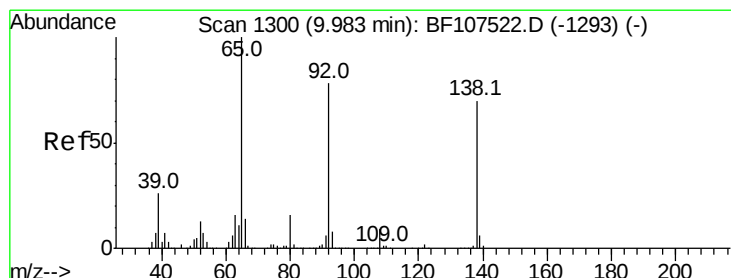
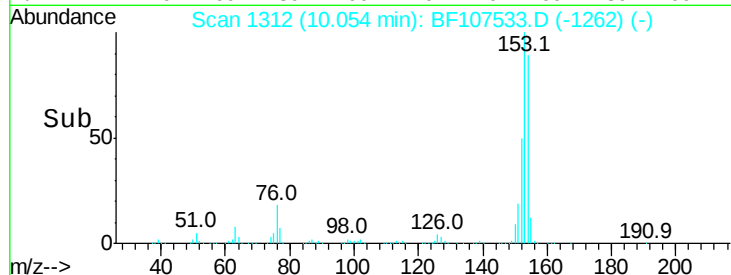
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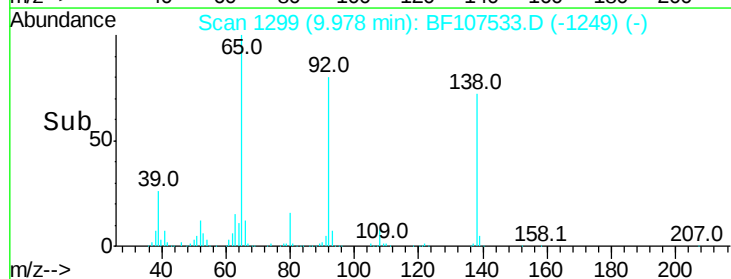
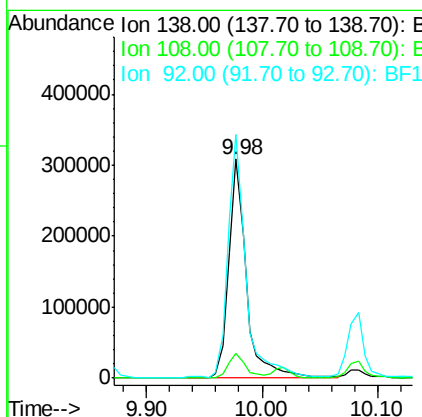
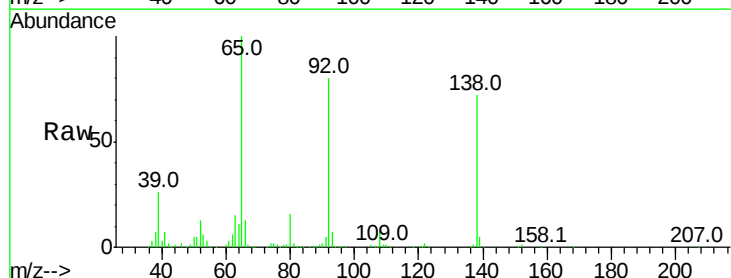
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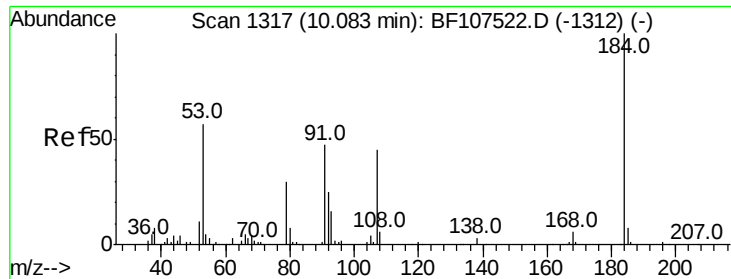
7/23/2018 12:44:37 PM



#52
3-Nitroaniline
Concen: 29.684 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion:138 Resp: 328569
Ion Ratio Lower Upper
138 100
108 11.3 9.4 14.0
92 111.2 89.4 134.2





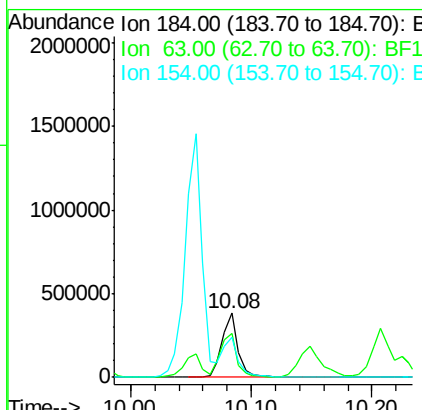
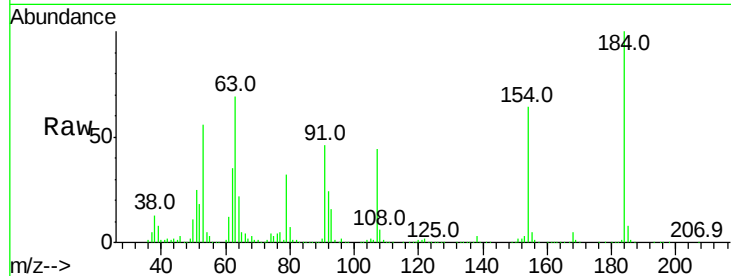
#53
2,4-Dinitrophenol
Concen: 81.507 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.6	54.2	81.2	
154	63.7	184.0	276.0	

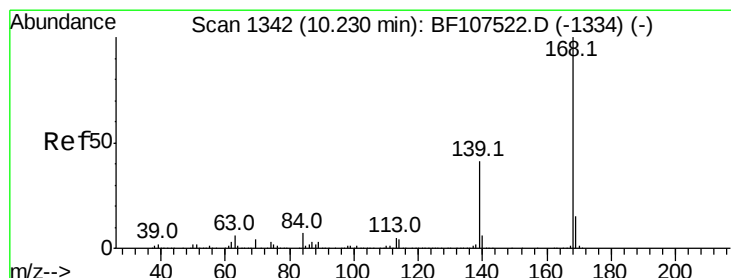
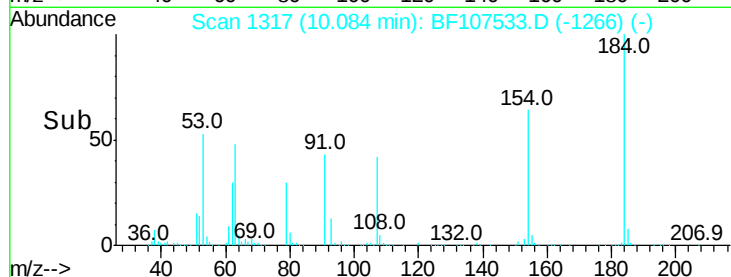
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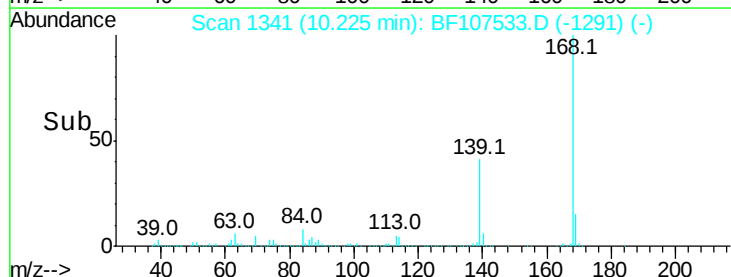
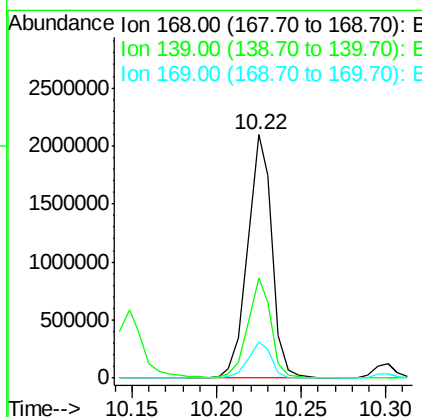
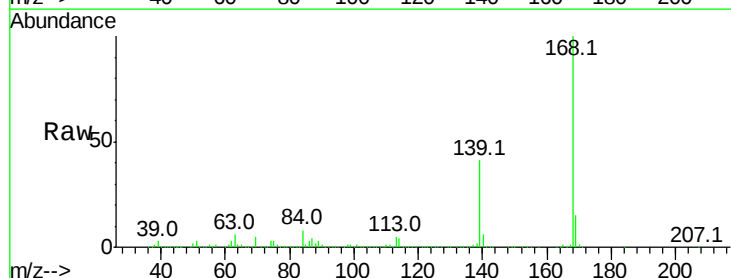
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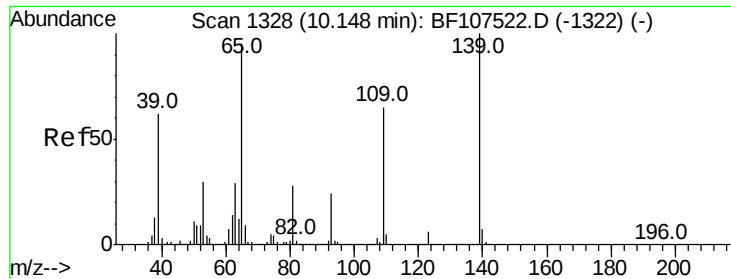
7/23/2018 12:44:37 PM



#54
Dibenzofuran
Concen: 37.755 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.1	30.1	45.1	
169	15.1	10.9	16.3	





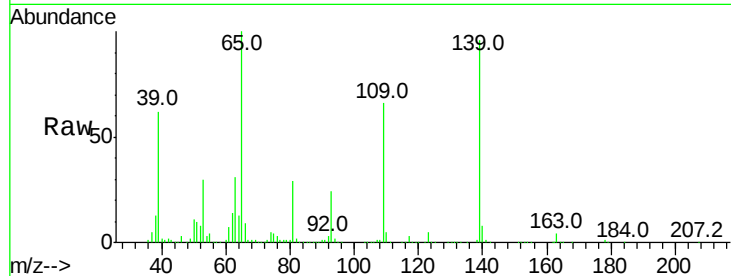
#55
4-Nitrophenol
Concen: 81.056 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.7	48.4	88.4
65	104.3	72.6	112.6

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7/23/2018 12:44:37 PM

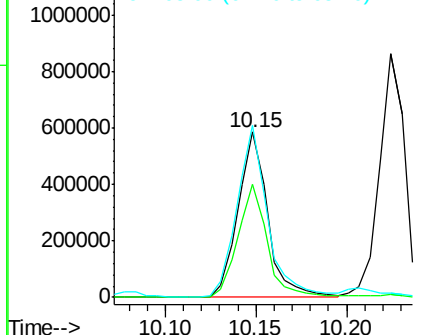


Abundance

Ion 139.00 (138.70 to 139.70): E

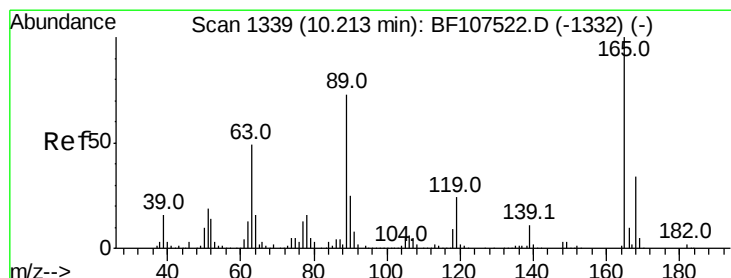
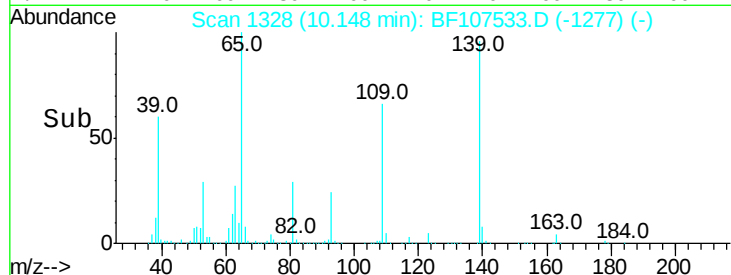
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



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7/23/2018 12:44:37 PM



#56
2,4-Dinitrotoluene
Concen: 46.426 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	36.4	54.6#
89	77.2	57.8	86.6
182	2.1	1.6	2.4

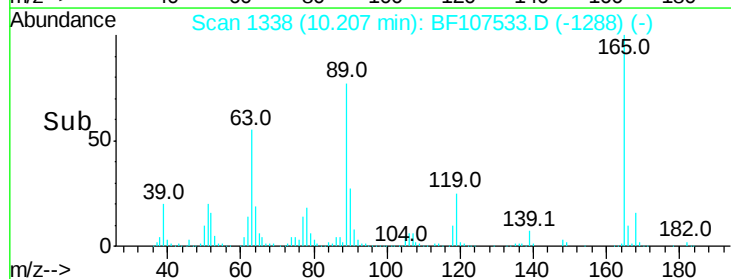
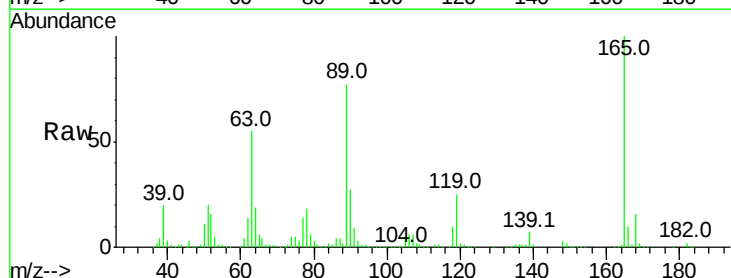
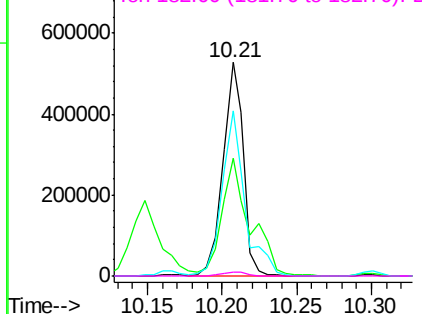
Abundance

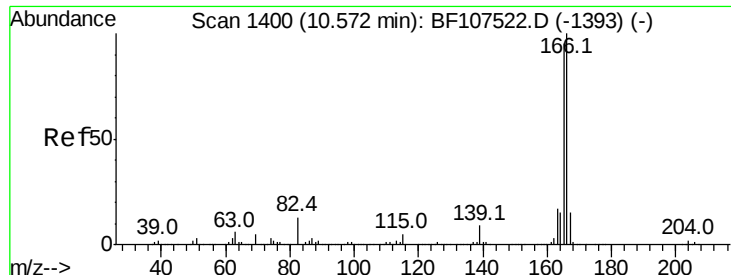
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57
Fluorene
 Concen: 41.287 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

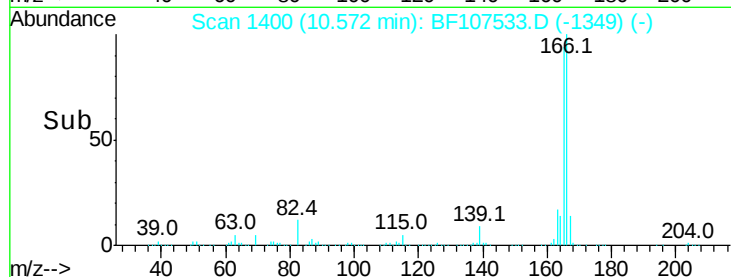
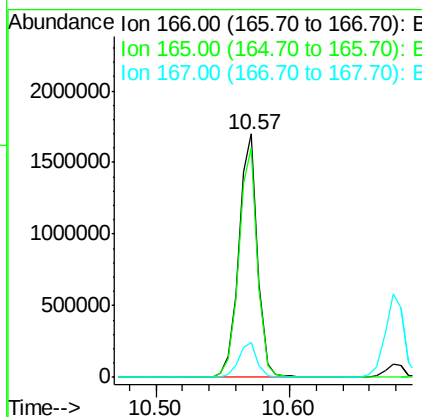
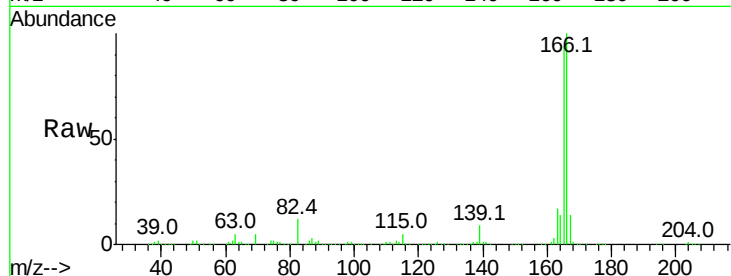
Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion:166 Resp: 1652489

Ion	Ratio	Lower	Upper
166	100		
165	94.4	79.8	119.8
167	14.4	10.6	16.0

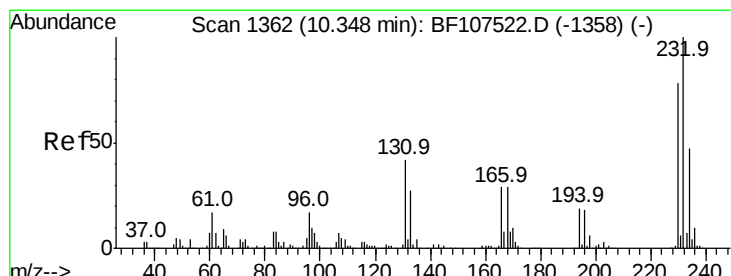
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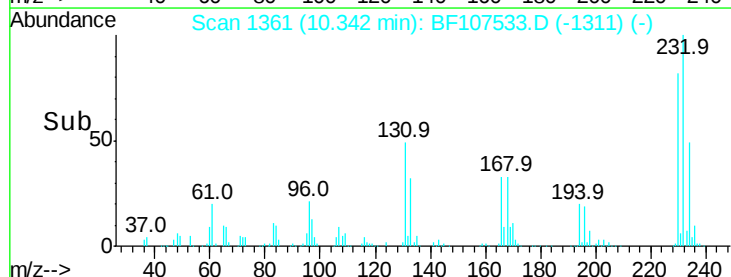
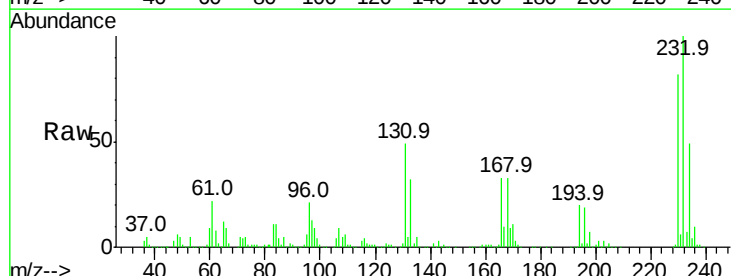
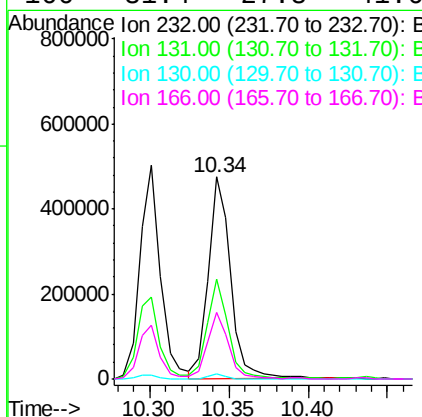
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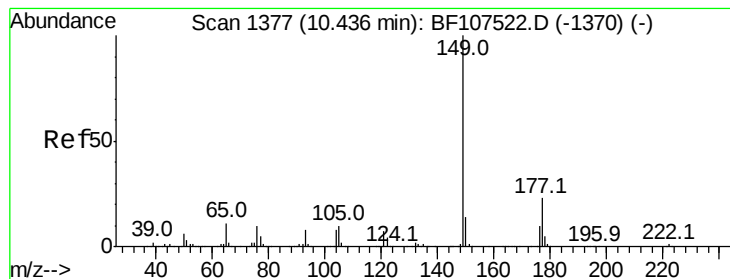


#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.590 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion:232 Resp: 469623

Ion	Ratio	Lower	Upper
232	100		
131	46.4	43.8	65.8
130	2.2	2.1	3.1
166	31.4	27.8	41.6





#59

Diethylphthalate

Concen: 37.914 ng

RT: 10.44 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

ClientSampled :

PB111265BS

Tot Ion:149 Resp: 1814591

Ion Ratio Lower Upper

149 100

177 23.7 16.1 24.1

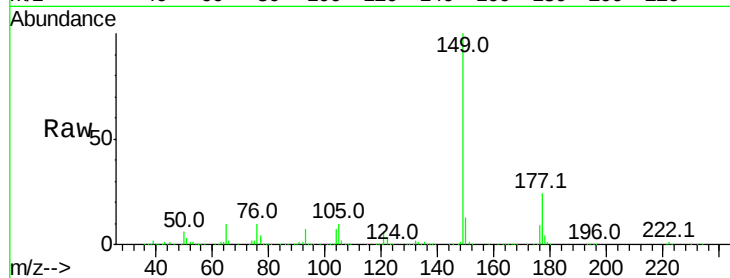
150 13.3 10.1 15.1

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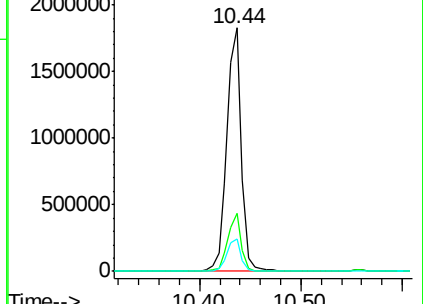
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Abundance Ion 149.00 (148.70 to 149.70): E

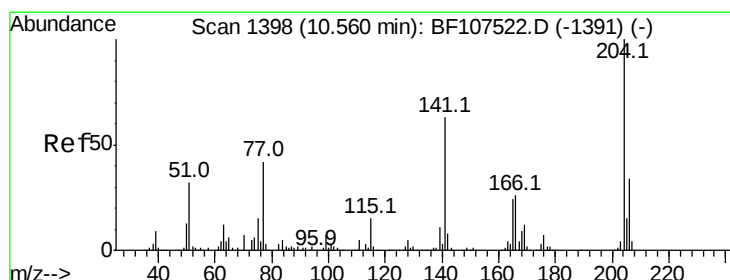
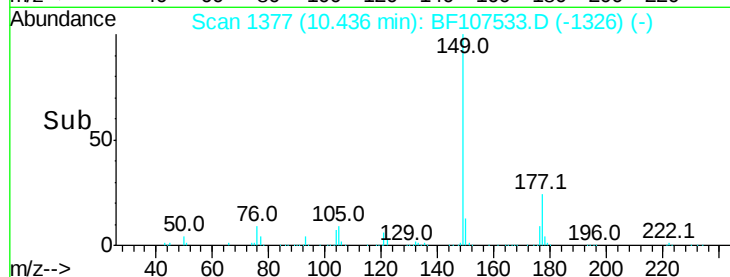
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



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7/23/2018 12:44:37 PM



#60

4-Chlorophenyl-phenylether

Concen: 36.169 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

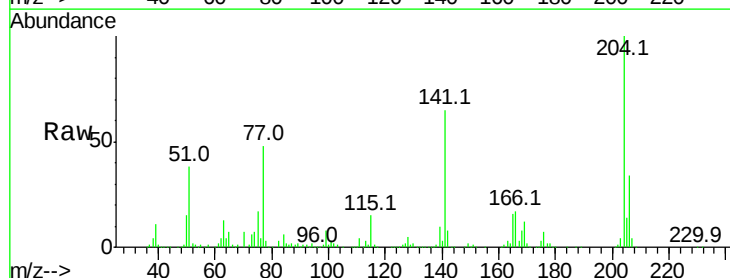
Tgt Ion:204 Resp: 818396

Ion Ratio Lower Upper

204 100

206 34.0 26.5 39.7

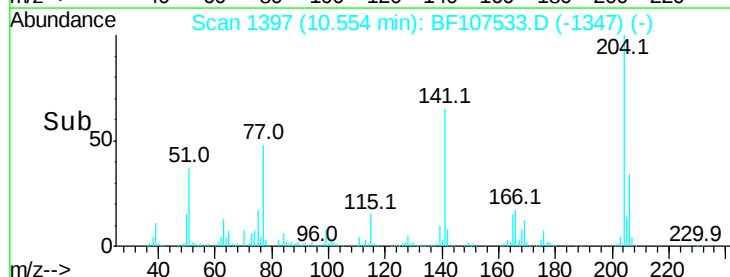
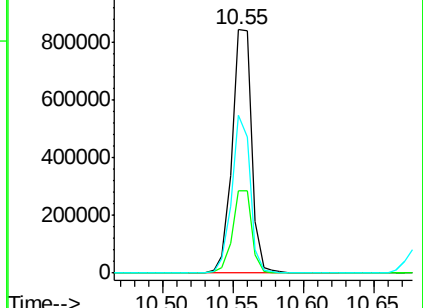
141 64.7 54.6 81.8

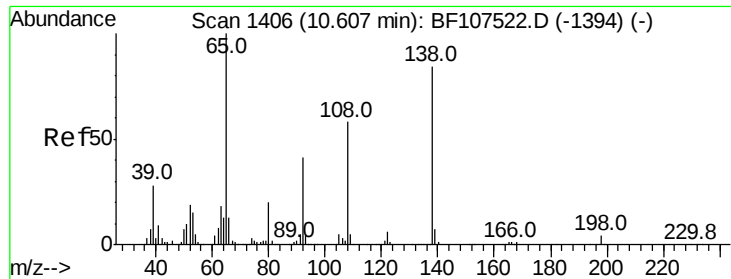


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





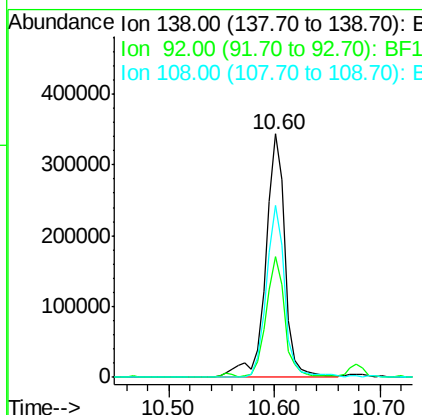
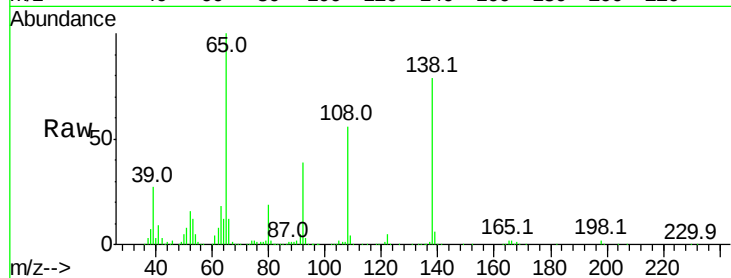
#61
4-Nitroaniline
Concen: 47.184 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.2	70.2
108	70.7	52.5	92.5

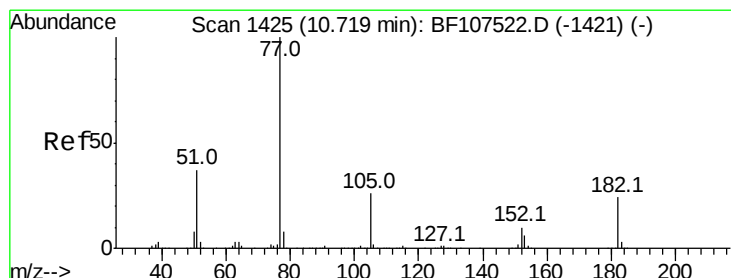
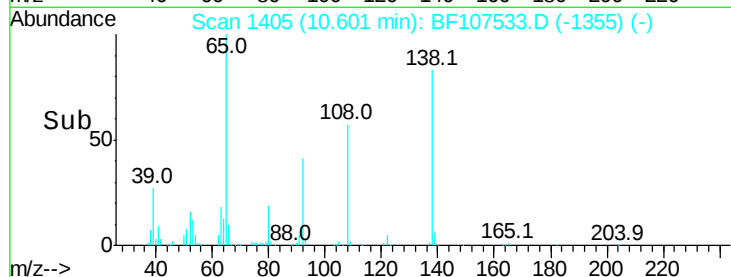
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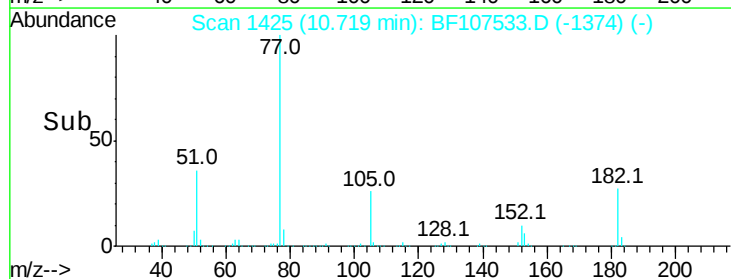
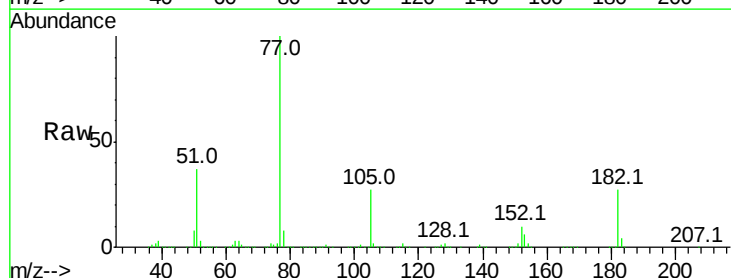
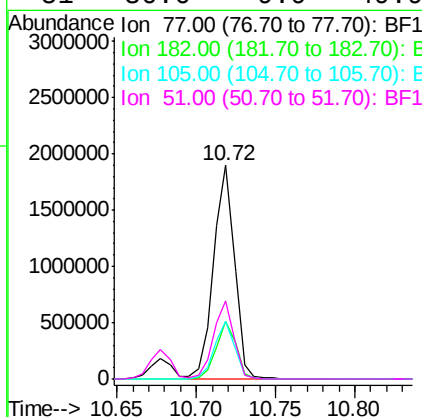
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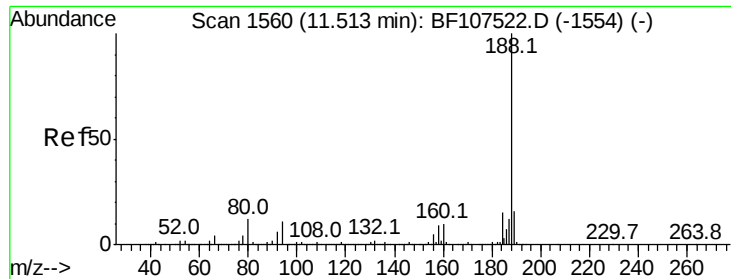
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#62
Azobenzene
Concen: 38.860 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	26.8	3.0	43.0
51	36.6	9.9	49.9





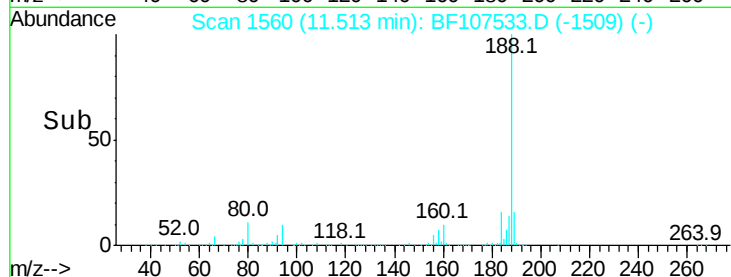
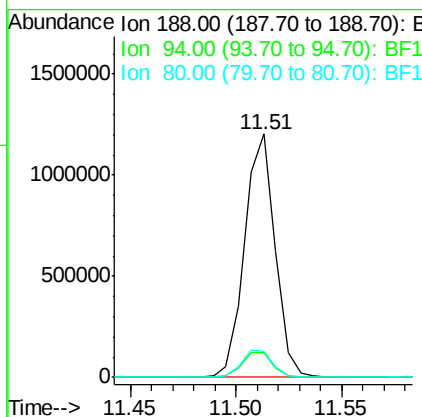
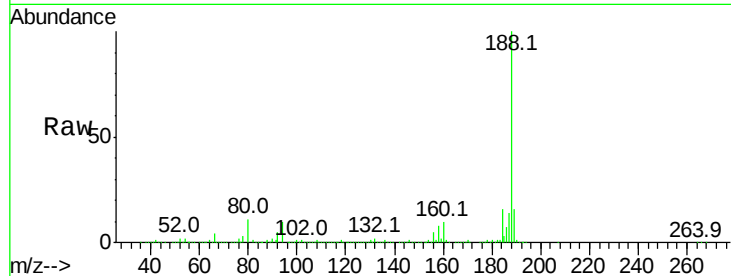
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.7	9.2	13.8

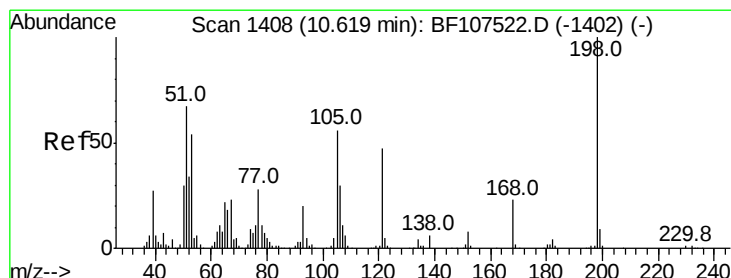
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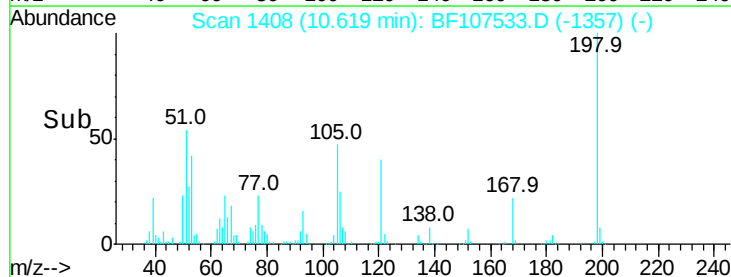
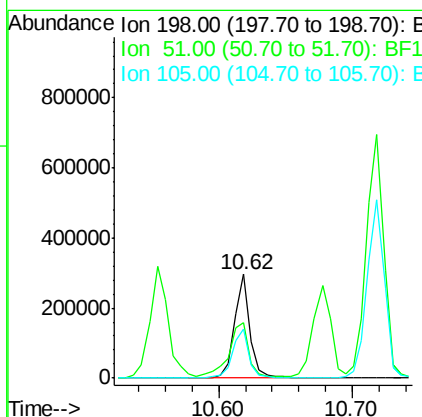
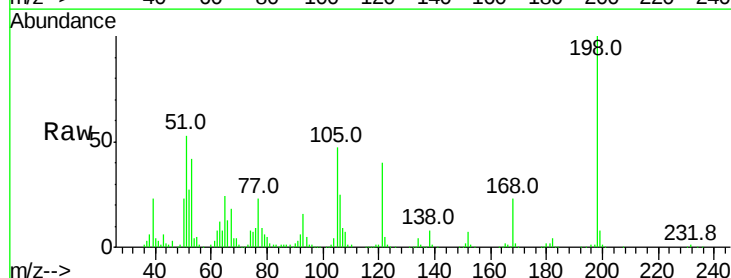
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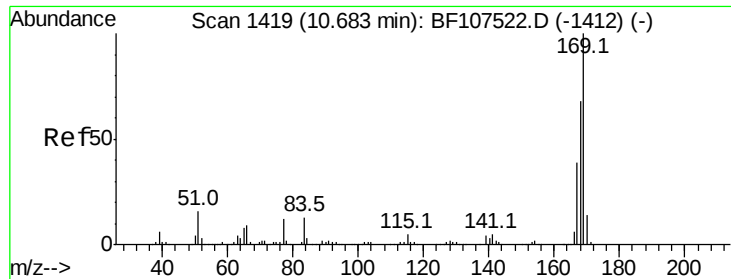
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.740 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.4	37.7	77.7
105	47.2	36.3	76.3





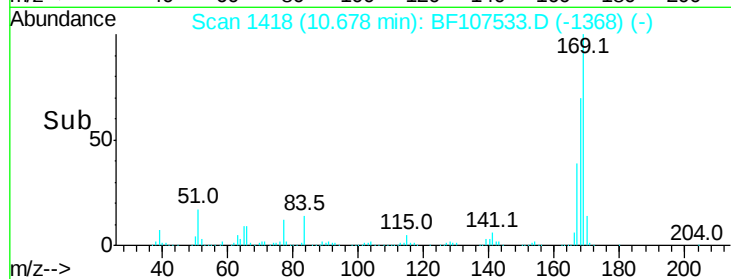
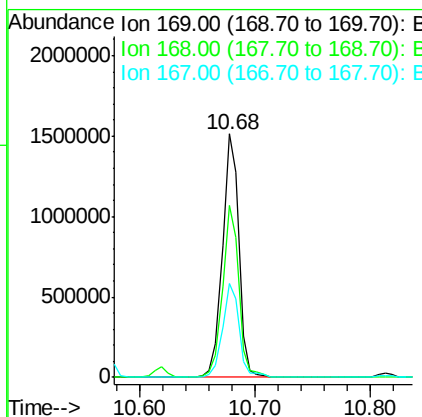
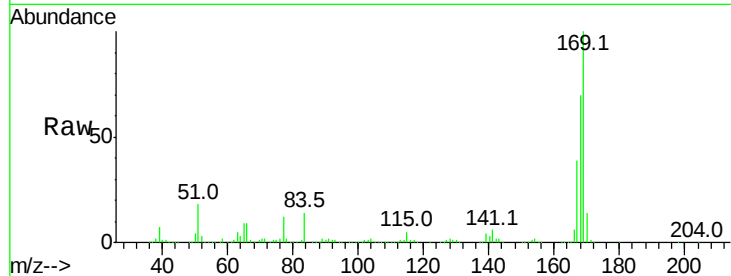
#65
n-Nitrosodiphenylamine
Concen: 36.443 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion:169 Resp: 1488529
Ion Ratio Lower Upper
169 100
168 70.4 54.4 81.6
167 38.8 29.8 44.6

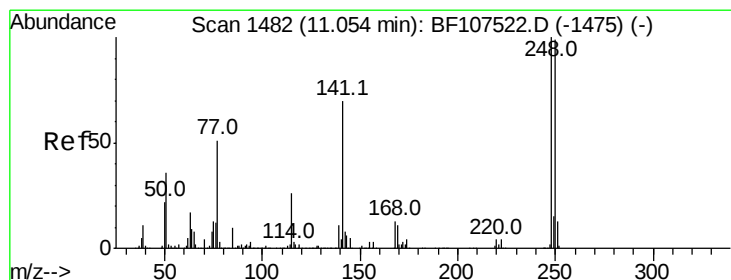
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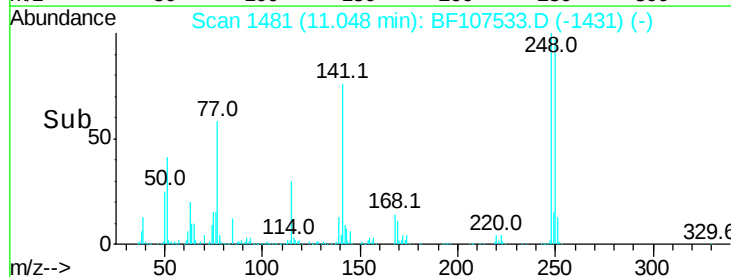
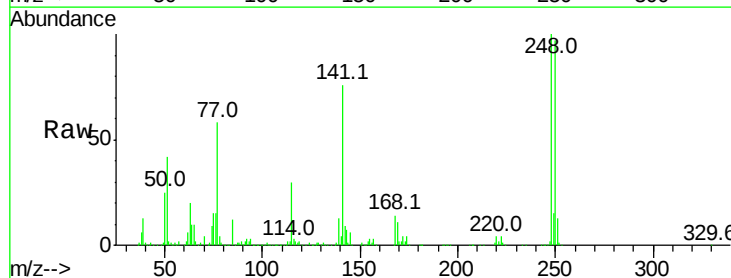
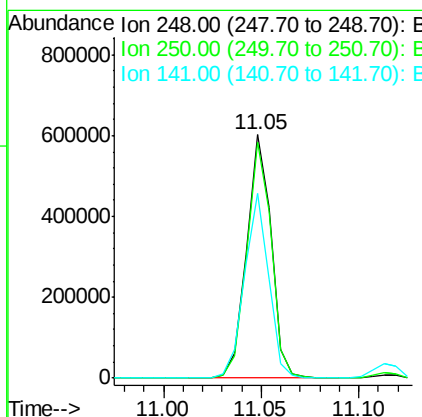
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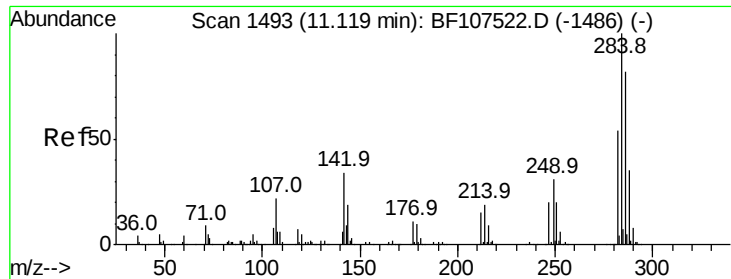
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#66
4-Bromophenyl-phenylether
Concen: 37.161 ng
RT: 11.05 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion:248 Resp: 526109
Ion Ratio Lower Upper
248 100
250 97.0 76.9 115.3
141 75.8 74.4 111.6





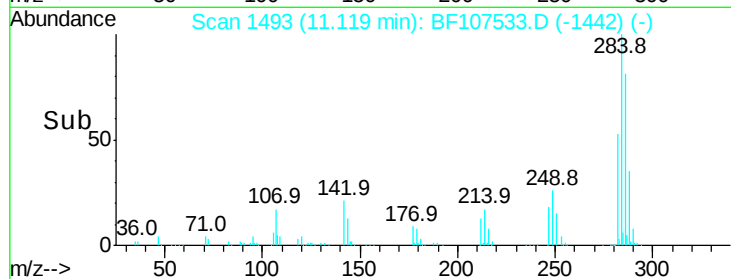
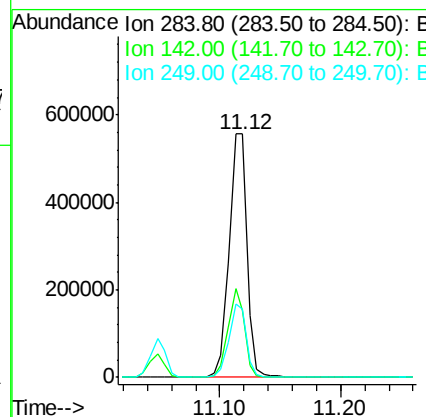
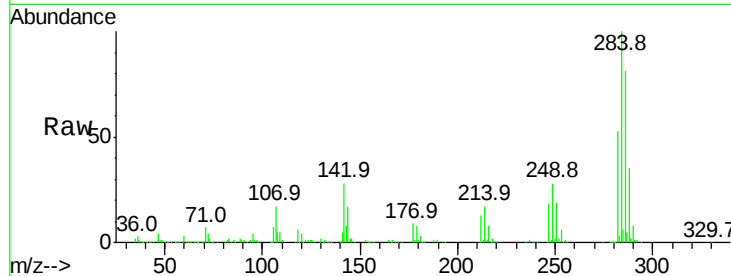
#67
Hexachlorobenzene
Concen: 36.606 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	27.6	34.6	52.0	
249	28.2	24.8	37.2	

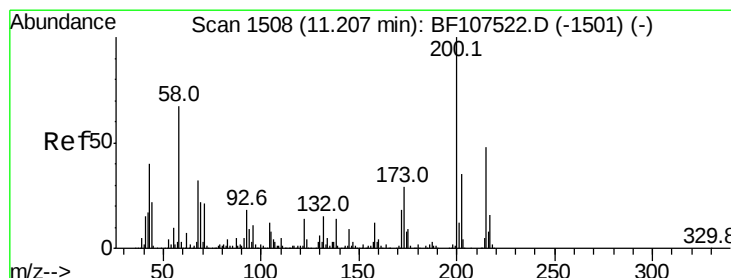
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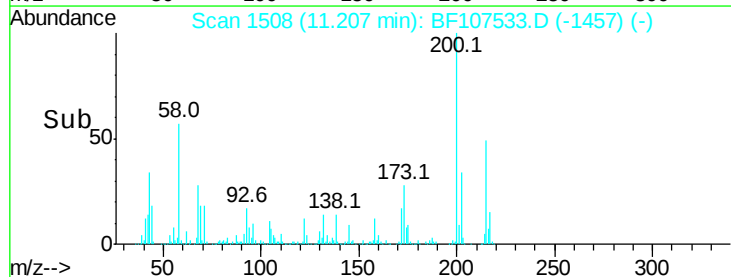
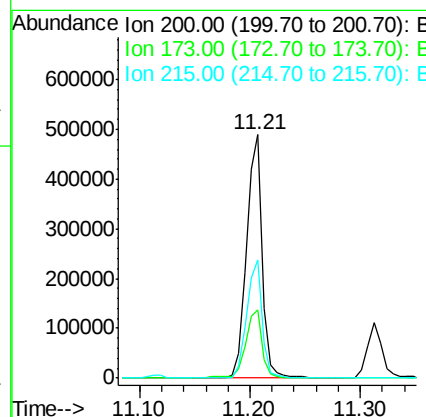
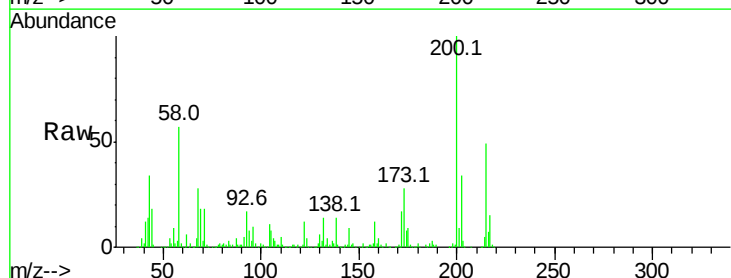
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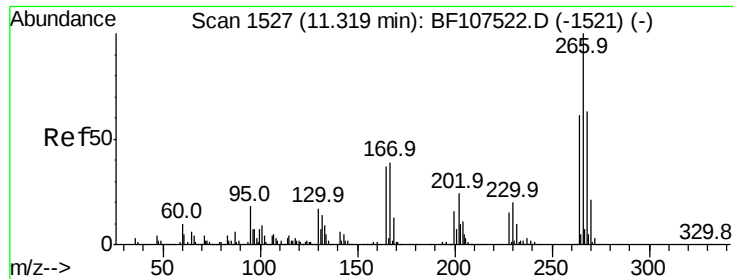
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#68
Atrazine
Concen: 38.928 ng
RT: 11.21 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.8	8.6	48.6	
215	48.6	25.1	65.1	





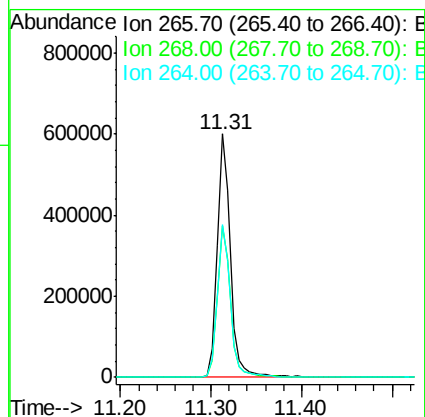
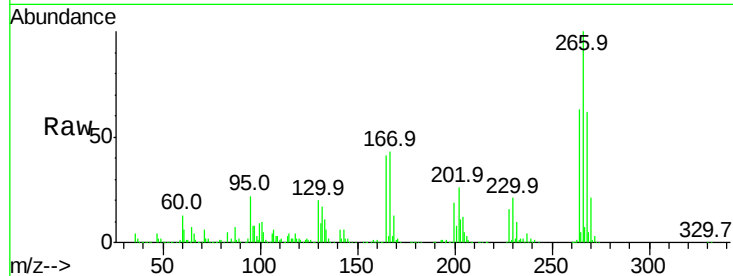
#69
 Pentachlorophenol
 Concen: 62.742 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.5	51.1	76.7	
264	62.9	49.5	74.3	

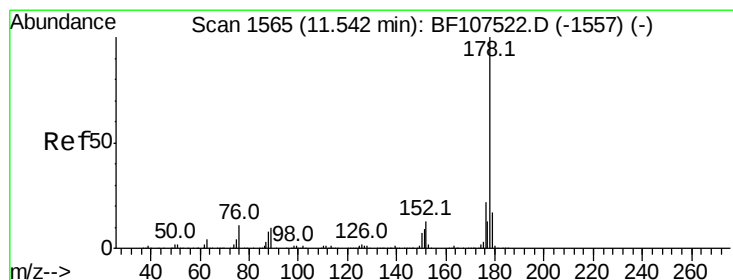
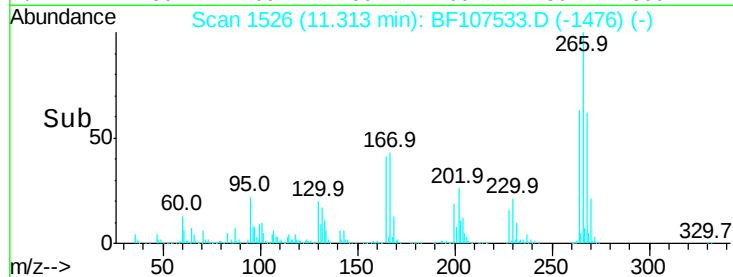
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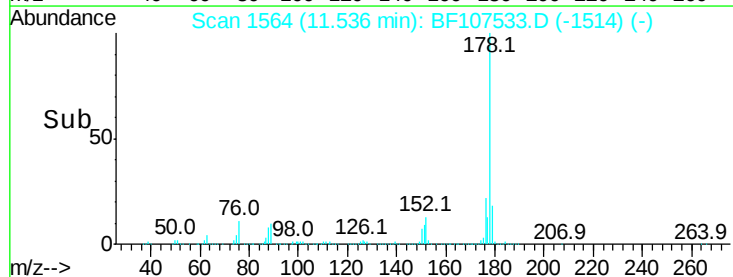
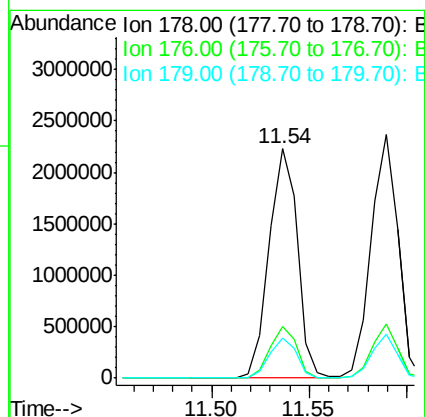
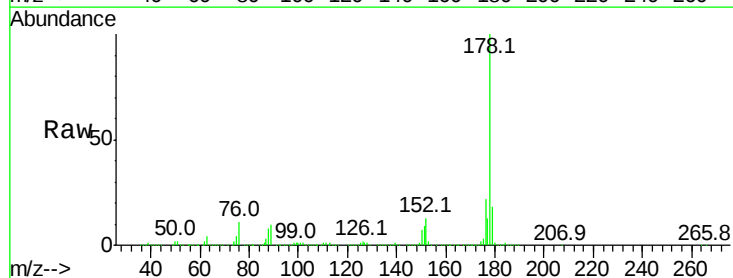
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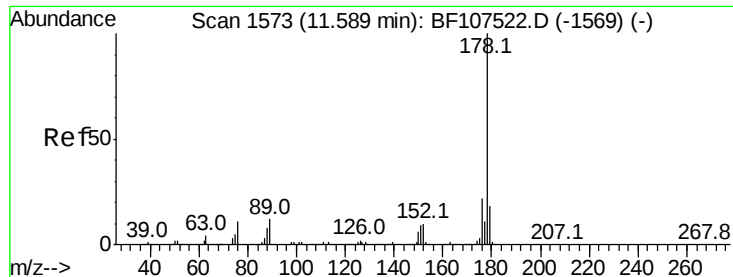
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#70
 Phenanthrene
 Concen: 38.457 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	22.3	15.8	23.8	
179	17.7	13.0	19.6	





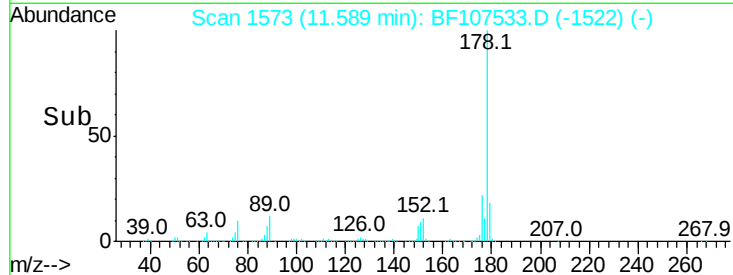
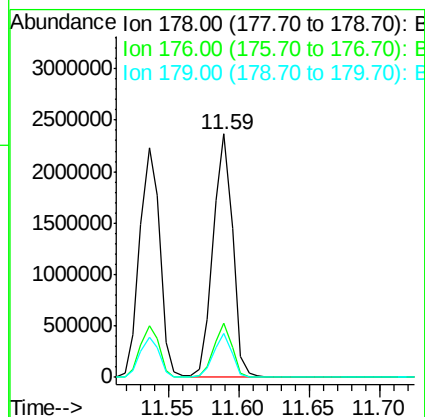
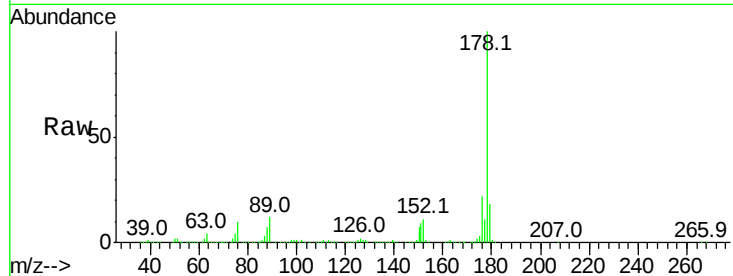
#71
 Anthracene
 Concen: 38.547 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion:178 Resp: 2274540
 Ion Ratio Lower Upper
 178 100
 176 22.2 15.4 23.2
 179 18.3 12.6 19.0

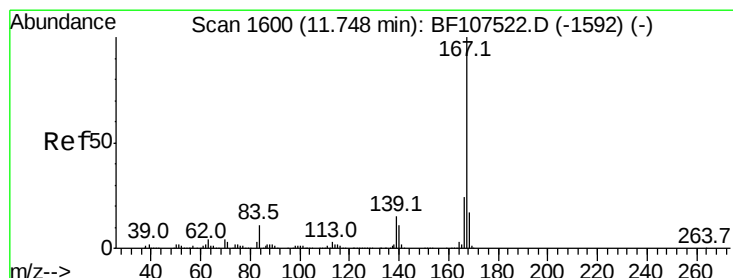
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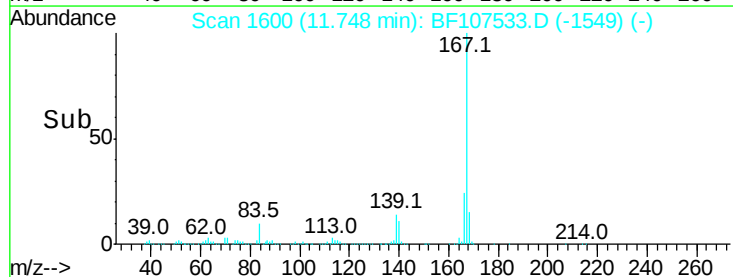
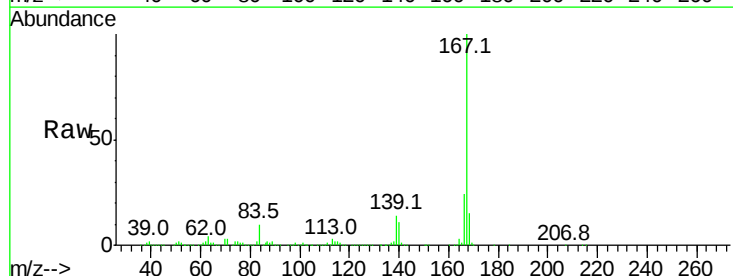
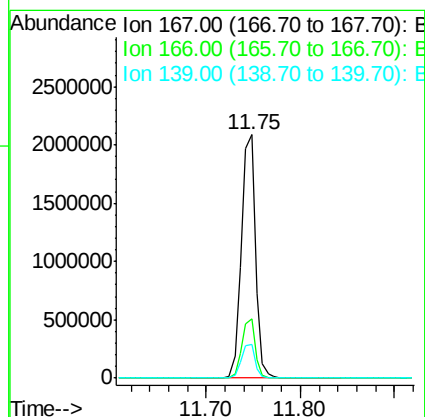
Sohil

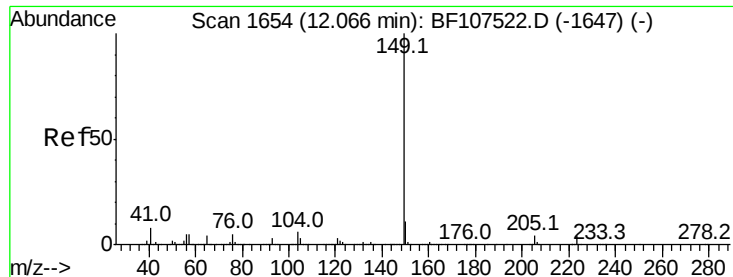
7/23/2018 12:44:37 PM



#72
 Carbazole
 Concen: 35.349 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion:167 Resp: 2169032
 Ion Ratio Lower Upper
 167 100
 166 24.2 17.6 26.4
 139 13.8 10.9 16.3





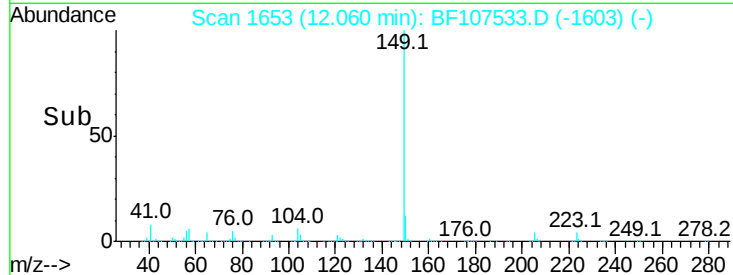
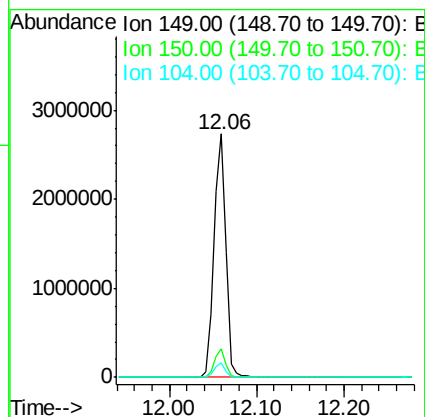
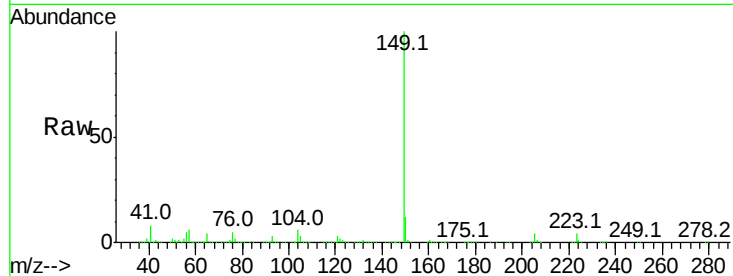
#73
Di-n-butylphthalate
Concen: 39.206 ng
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion:149 Resp: 2571426
Ion Ratio Lower Upper
149 100
150 11.7 7.8 11.6#
104 5.9 3.8 5.8#

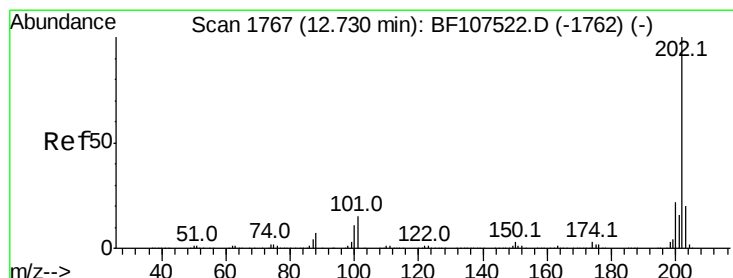
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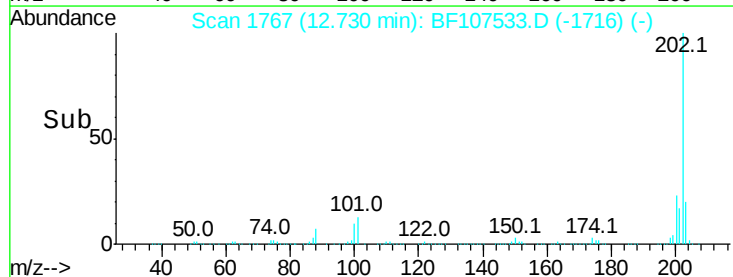
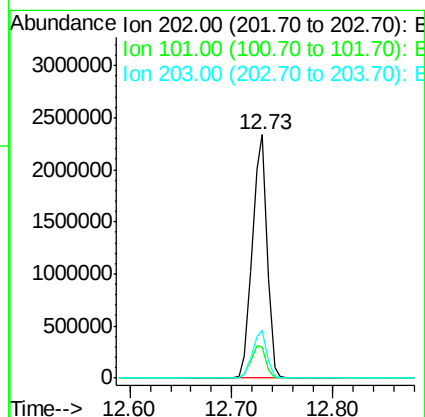
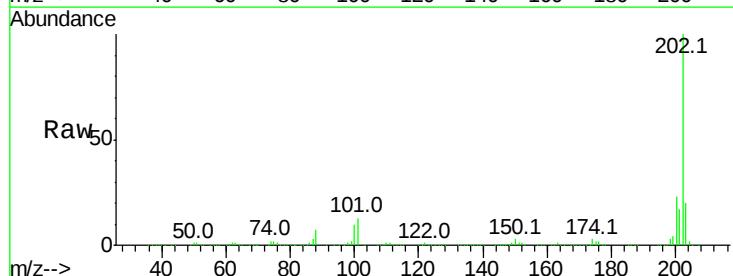
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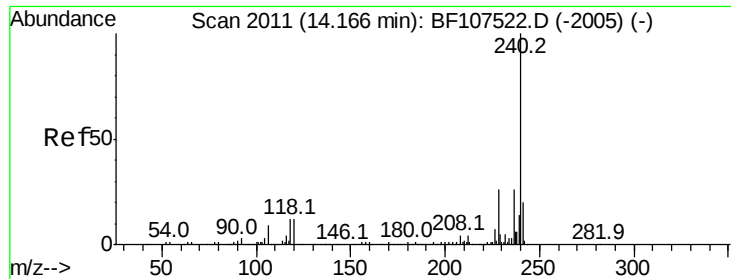
7/23/2018 12:44:37 PM



#74
Fluoranthene
Concen: 37.676 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion:202 Resp: 2369375
Ion Ratio Lower Upper
202 100
101 13.0 0.0 34.1
203 19.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

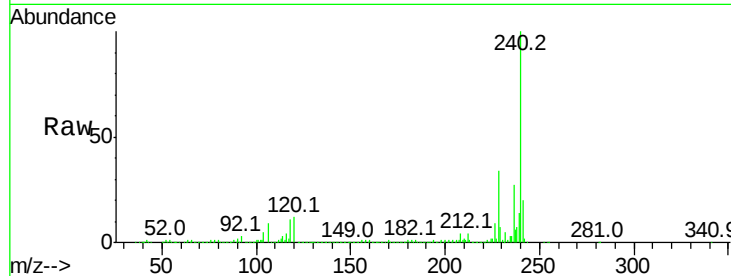
ClientSampleId :

PB111265BS

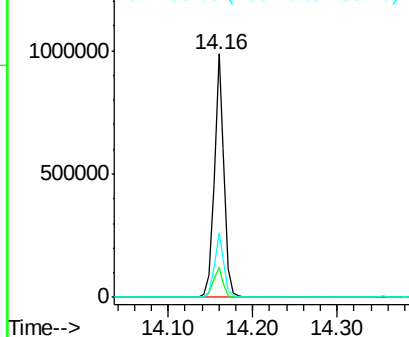
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.7	20.7	31.1

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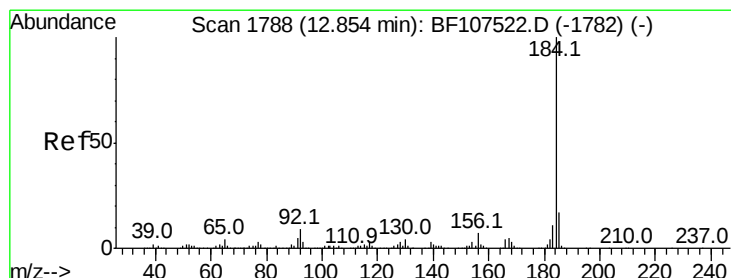
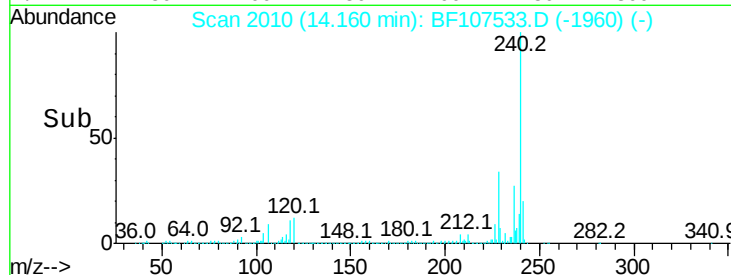


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 61.631 ng

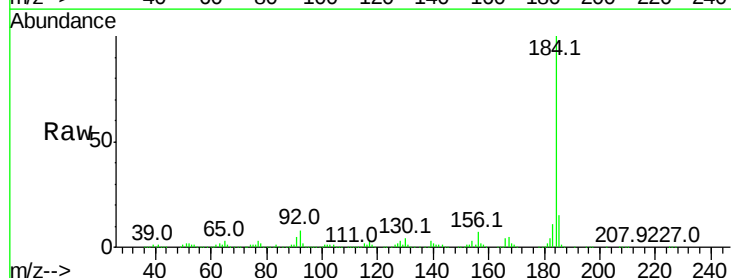
RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

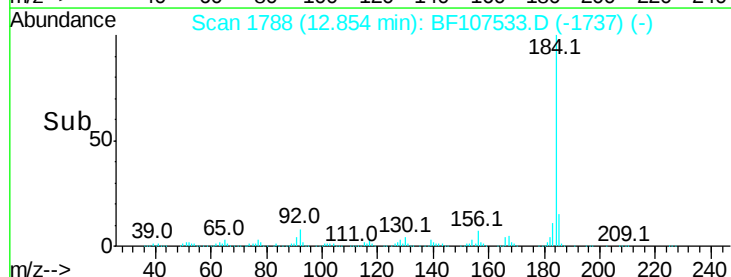
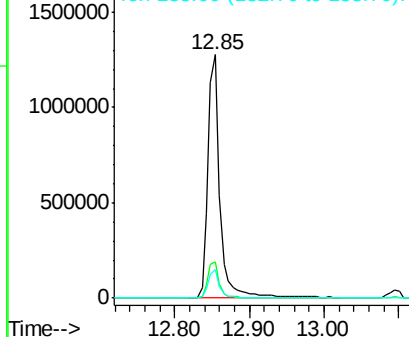
Lab File: BF107533.D

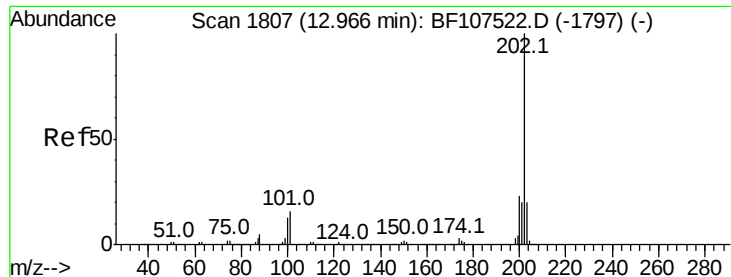
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.5	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.526 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

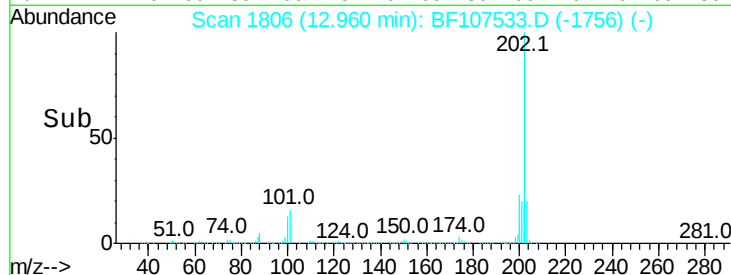
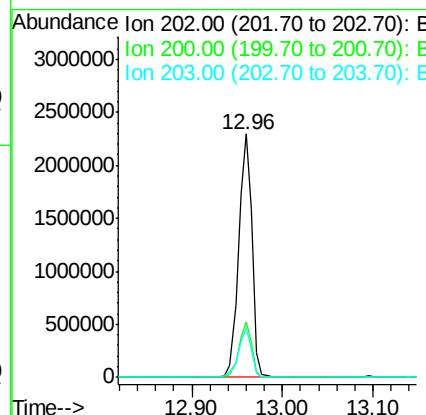
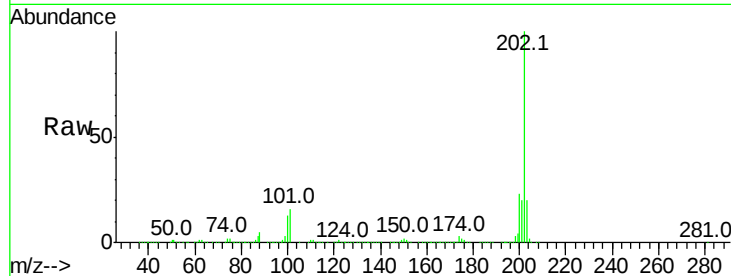
ClientSampleId :

PB111265BS

Tot Ion:	202	Resp:	2375134
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	20.0	14.3	21.5

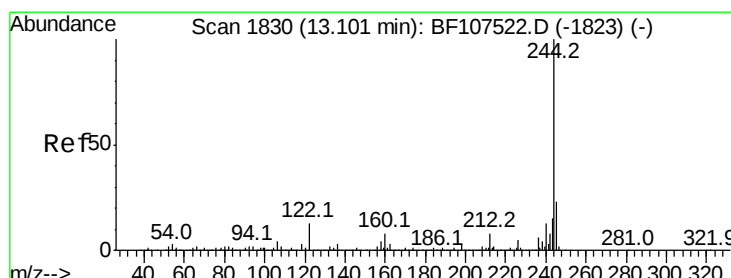
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#78

Terphenyl-d14

Concen: 92.077 ng

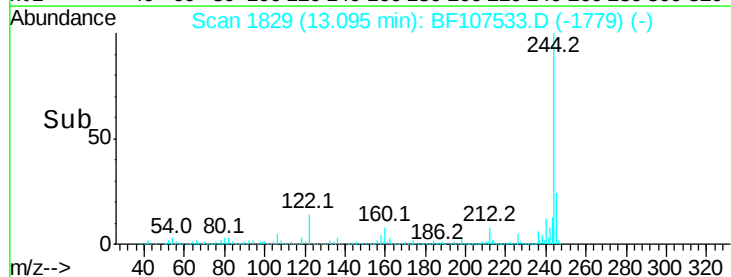
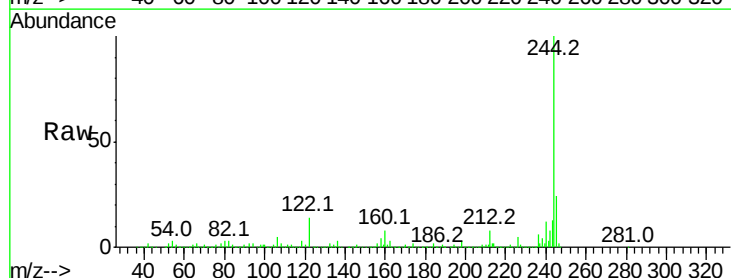
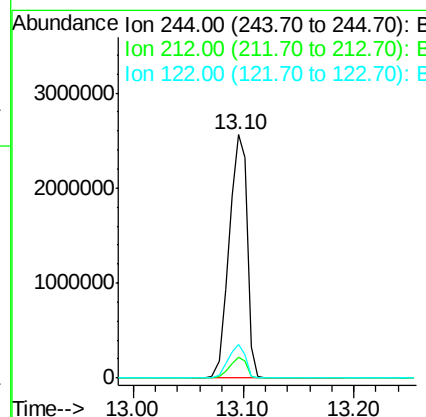
RT: 13.10 min Scan# 1829

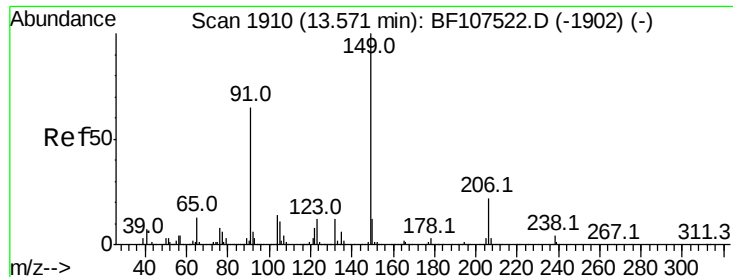
Delta R.T. -0.00 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Tgt Ion:	244	Resp:	2936743
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.4	8.0#
122	13.7	11.0	16.4





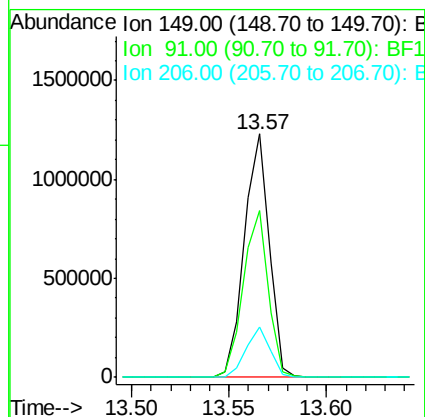
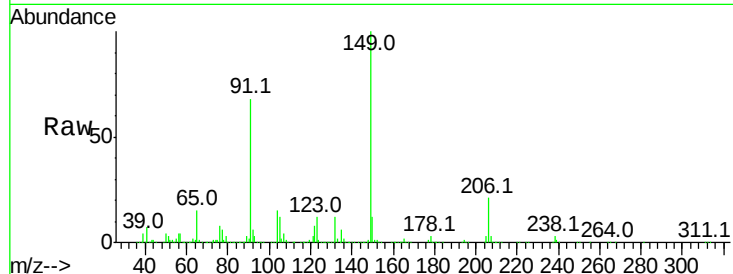
#79
Butylbenzylphthalate
Concen: 45.391 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion:149 Resp: 1090250
Ion Ratio Lower Upper
149 100
91 68.3 56.8 85.2
206 20.8 14.1 21.1

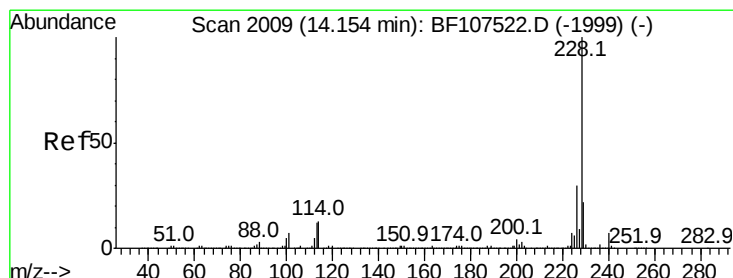
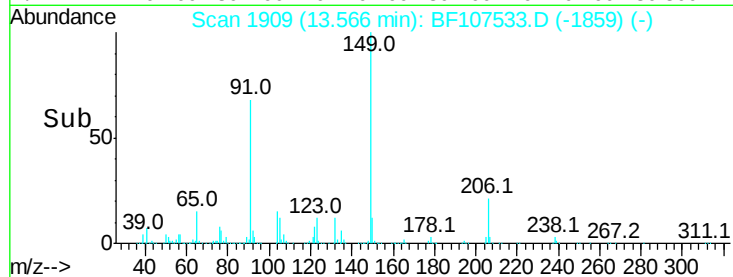
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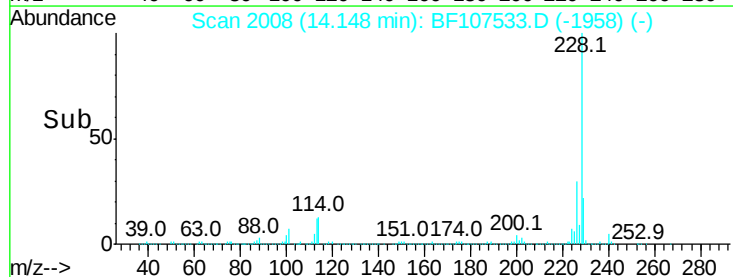
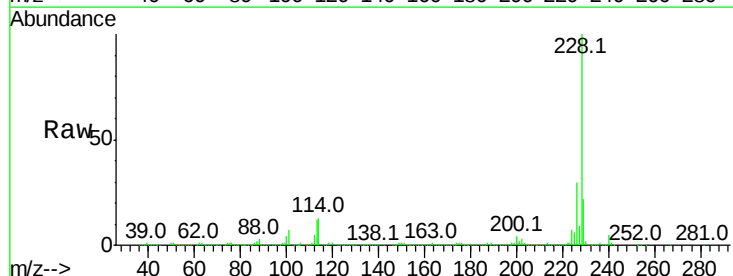
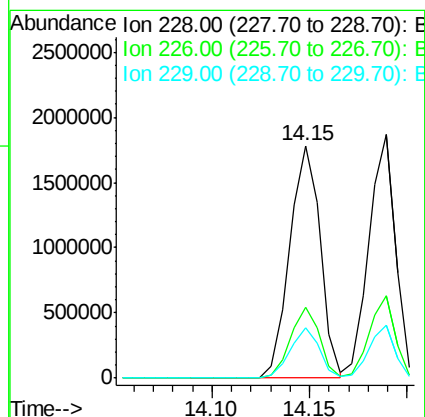
Sohil

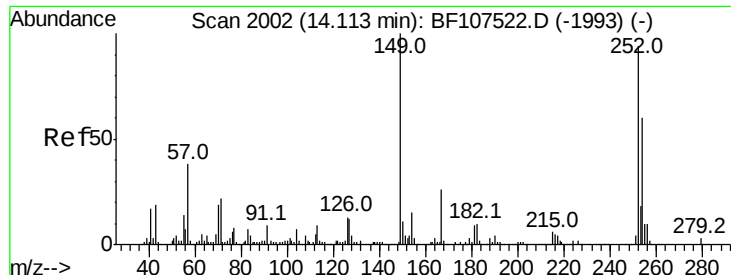
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#80
Benzo(a)anthracene
Concen: 40.299 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion:228 Resp: 1928294
Ion Ratio Lower Upper
228 100
226 30.2 22.6 33.8
229 21.5 15.8 23.6





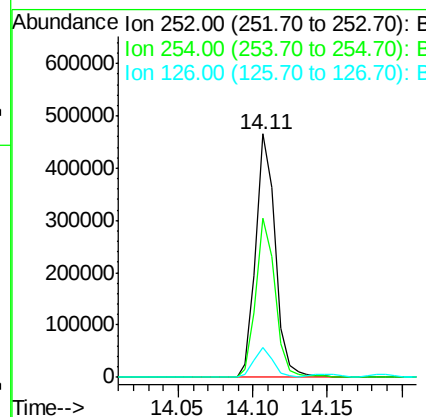
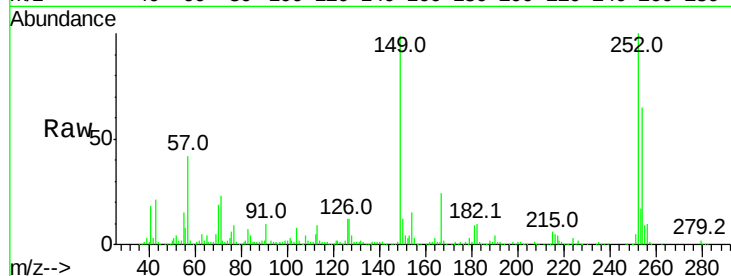
#81
3,3'-Dichlorobenzidine
Concen: 26.291 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	12.4	11.3	16.9

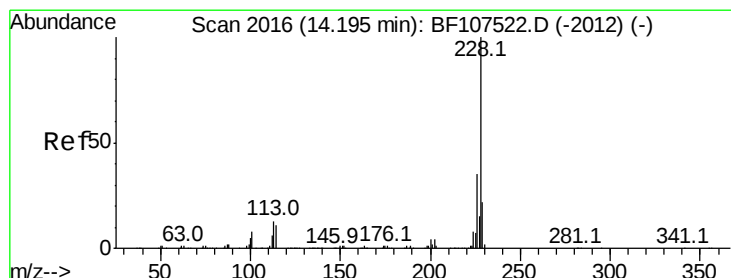
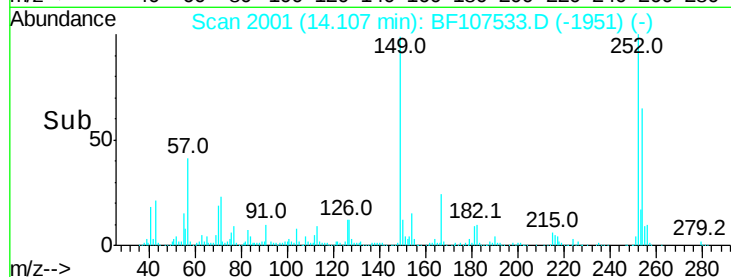
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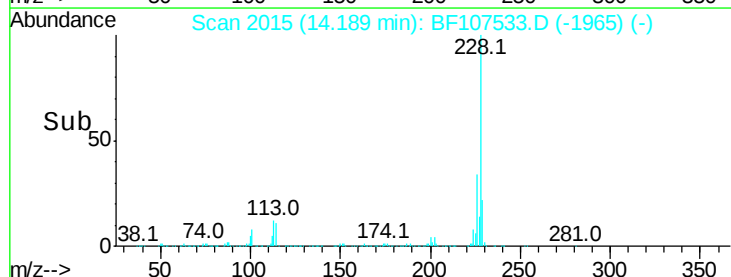
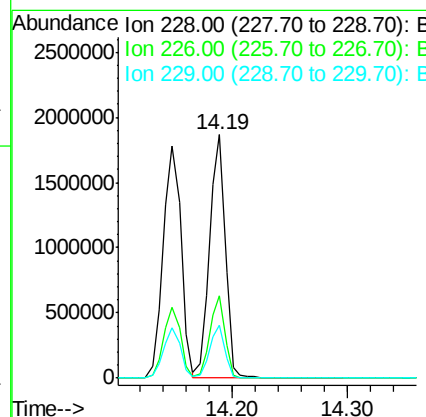
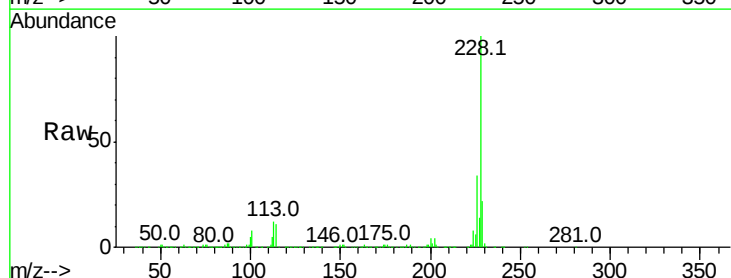
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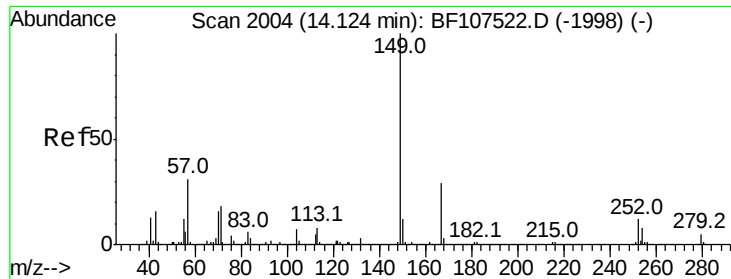
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#82
Chrysene
Concen: 38.794 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.0	37.6
229	21.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.296 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

Instrument :

BNA_F

ClientSampleId :

PB111265BS

Tot Ion:149 Resp: 1433426

Ion Ratio Lower Upper

149 100

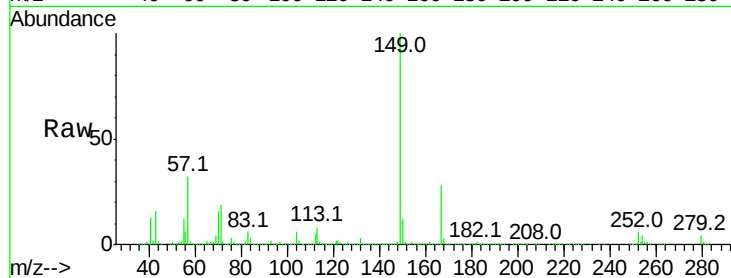
167 28.2 21.3 31.9

279 4.1 3.0 4.4

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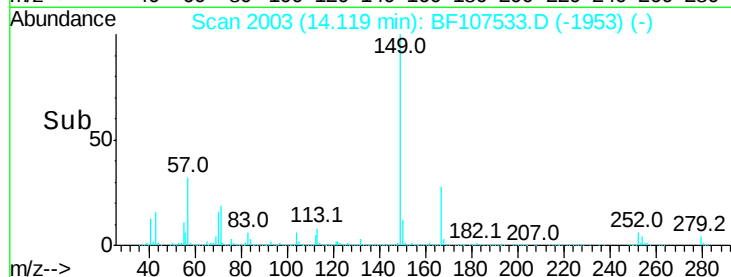
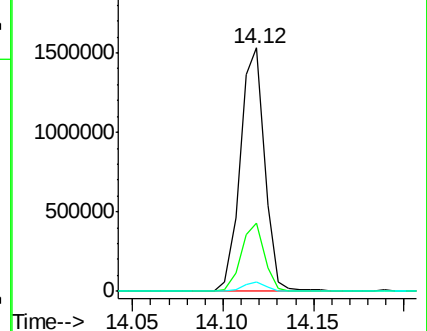
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Abundance Ion 149.00 (148.70 to 149.70): E

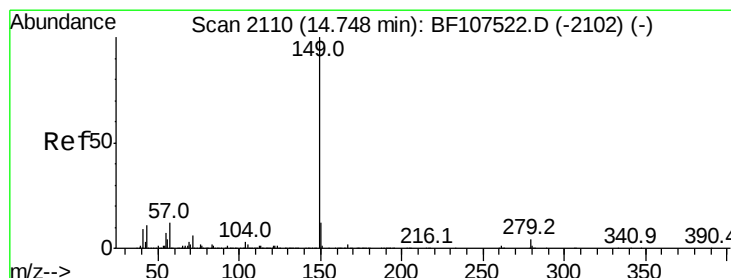
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



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7/23/2018 12:44:37 PM



#84

Di-n-octyl phthalate

Concen: 41.487 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF107533.D

Acq: 20 Jul 2018 19:38

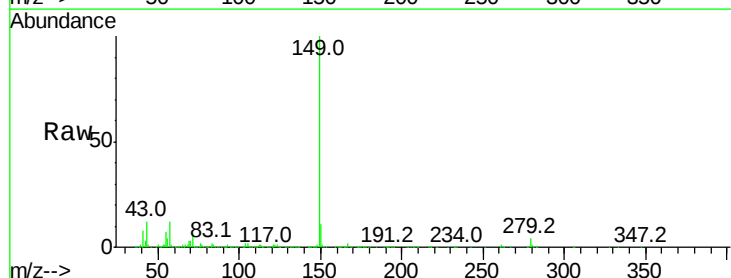
Tgt Ion:149 Resp: 2185492

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

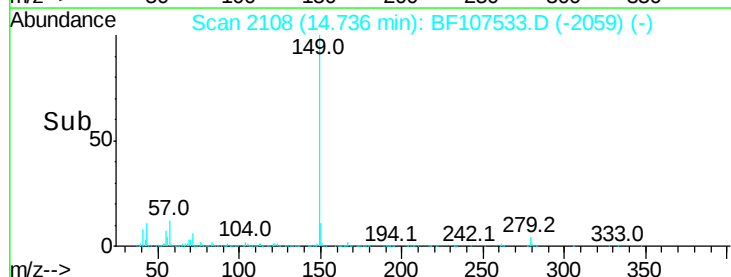
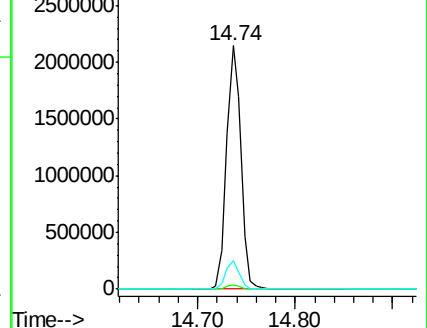
43 11.1 8.4 12.6

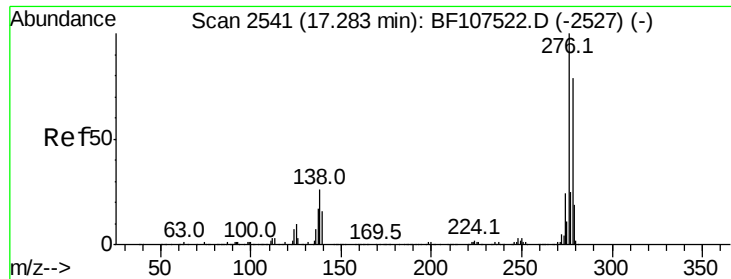


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





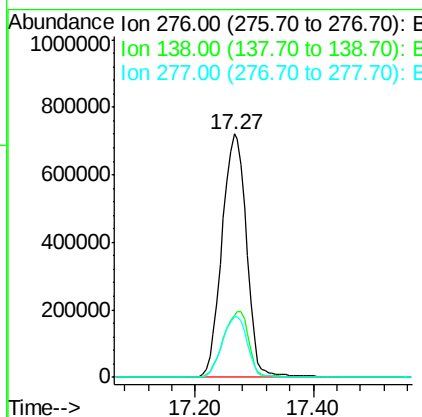
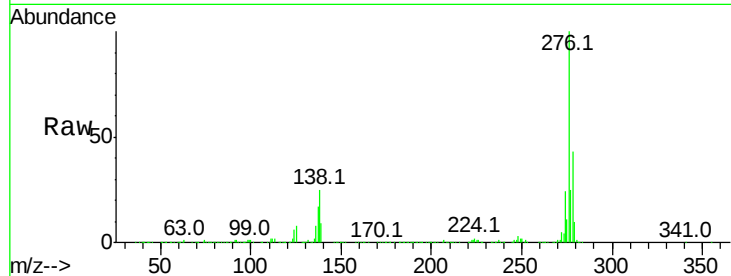
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.002 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 PB111265BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.3	20.1	30.1

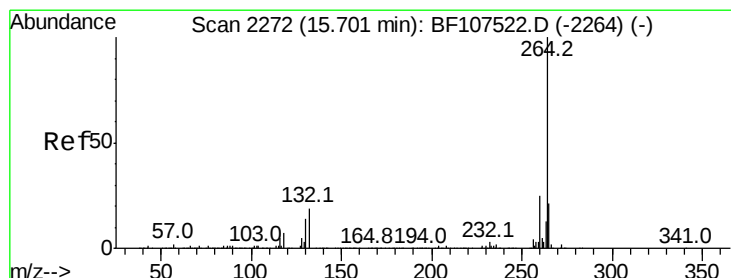
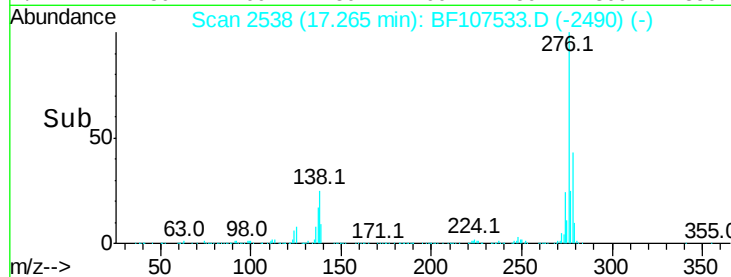
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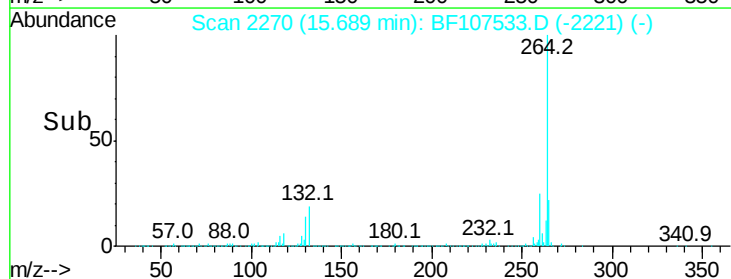
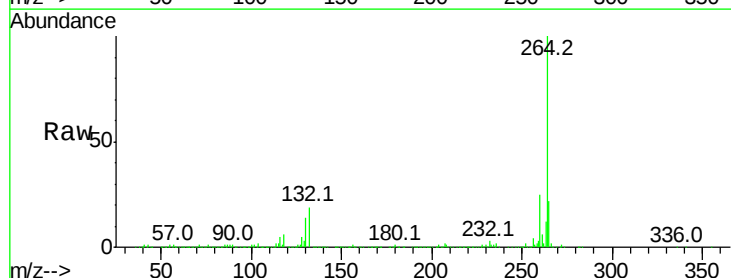
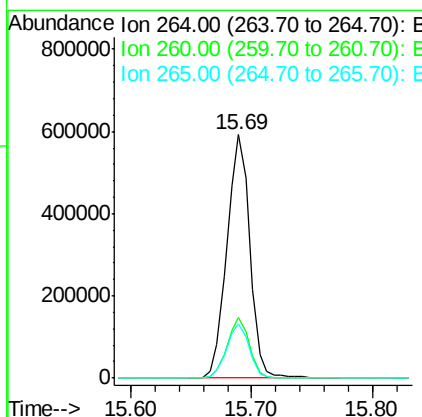
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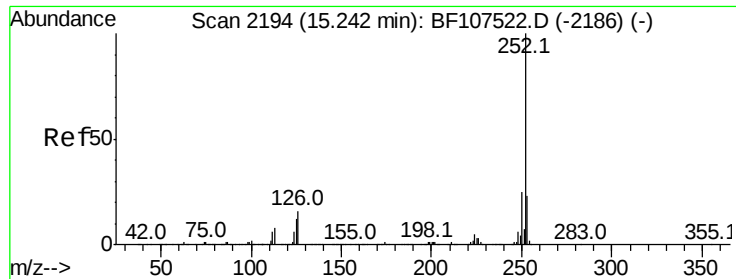
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107533.D
 Acq: 20 Jul 2018 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	17.5	26.3





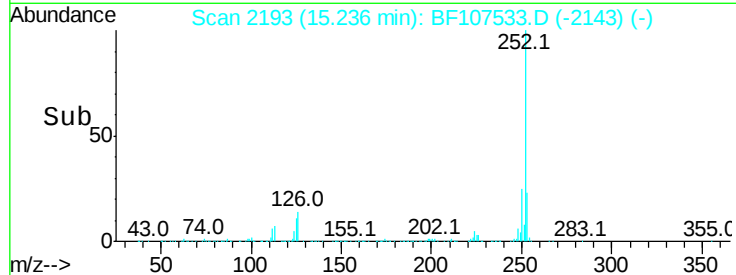
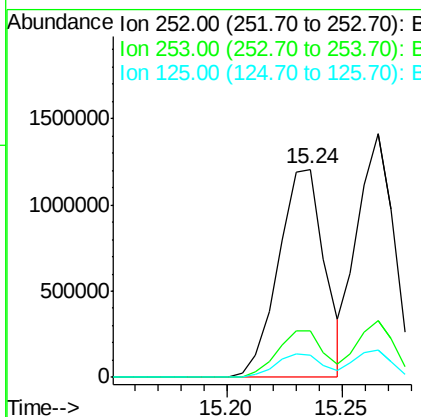
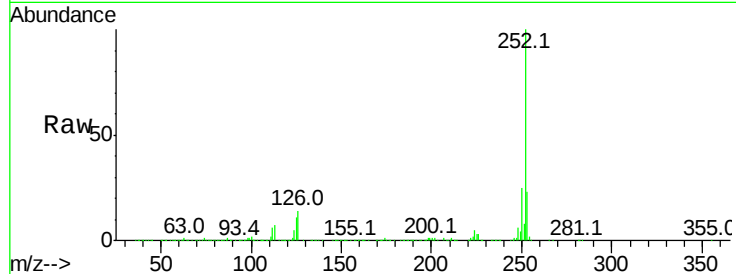
#87
Benzo(b)fluoranthene
Concen: 39.171 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampled :
PB111265BS

Tot Ion:252 Resp: 1676038
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 10.7 9.0 13.6

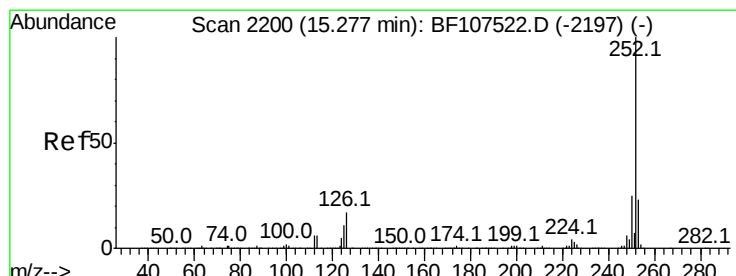
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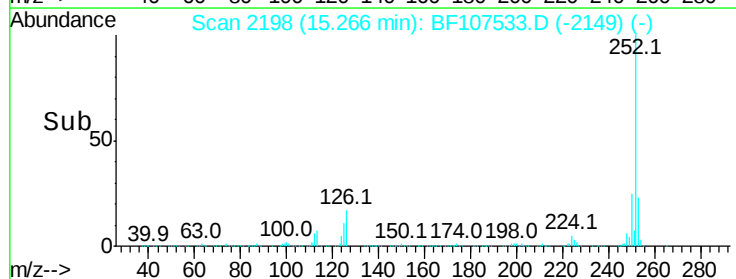
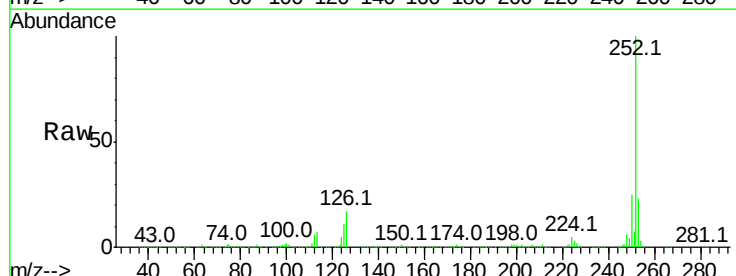
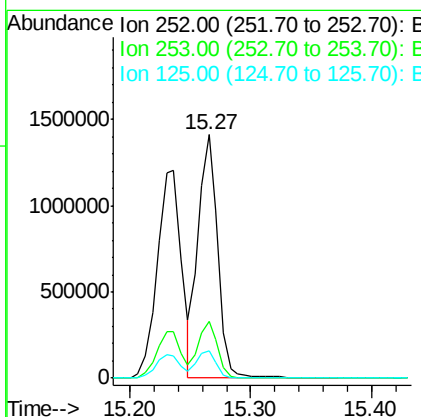
Sohil

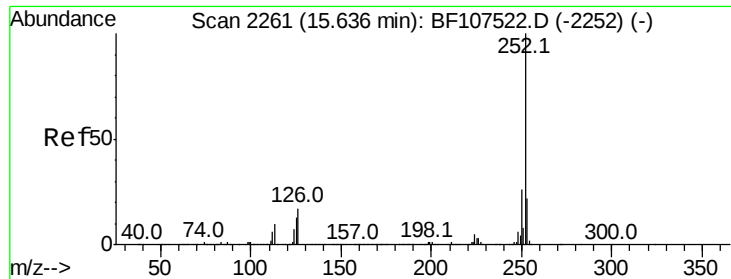
7/23/2018 12:44:37 PM



#88
Benzo(k)fluoranthene
Concen: 37.931 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion:252 Resp: 1590086
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.4 10.2 15.2





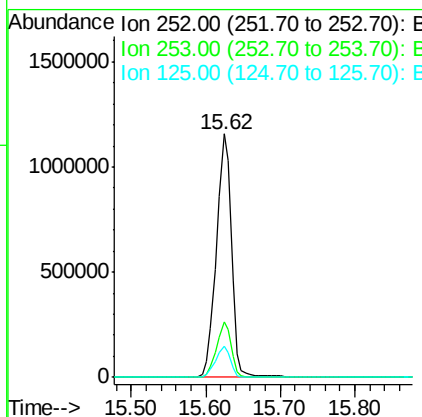
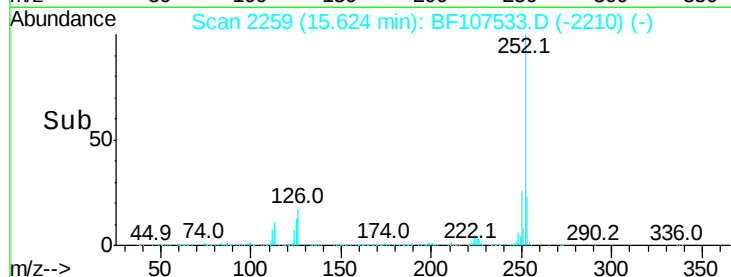
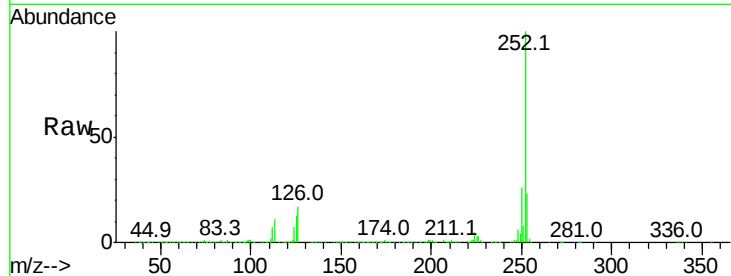
#89
Benzo(a)pyrene
Concen: 41.285 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Instrument :
BNA_F
ClientSampleId :
PB111265BS

Tot Ion:252 Resp: 1615850
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 12.6 9.8 14.6

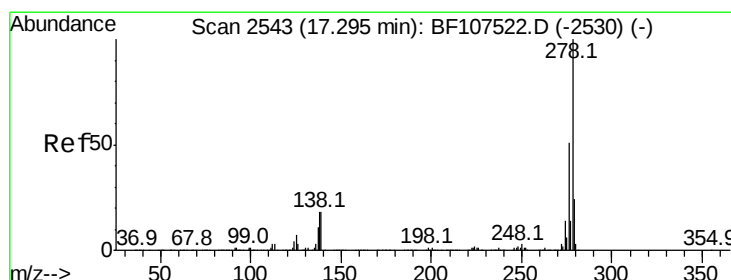
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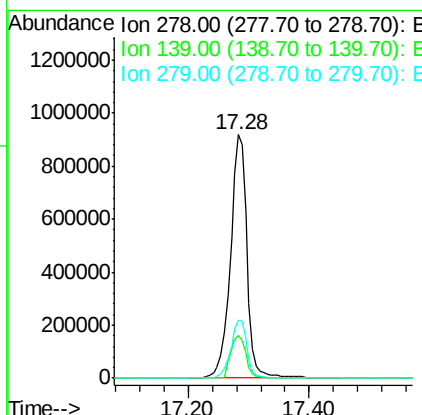
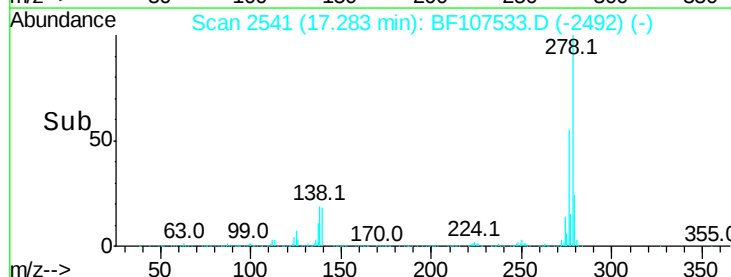
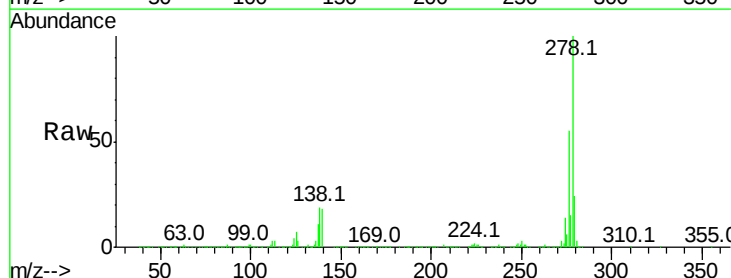
Sohil

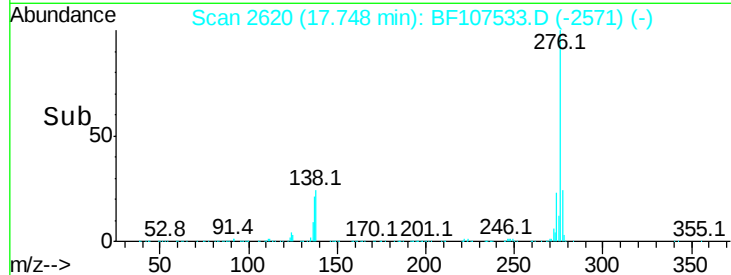
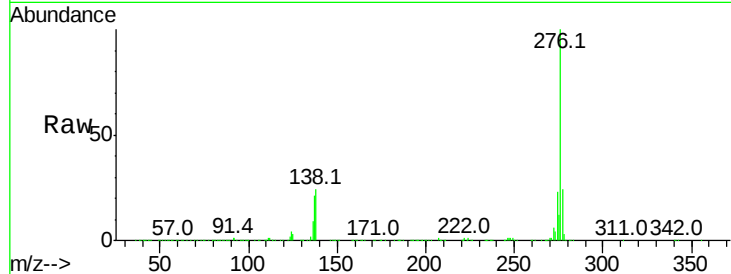
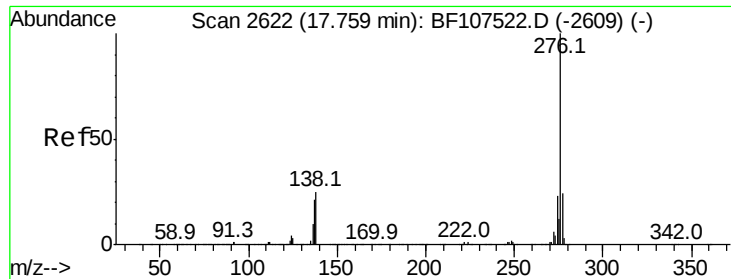
7/23/2018 12:44:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.794 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tgt Ion:278 Resp: 1752364
Ion Ratio Lower Upper
278 100
139 17.7 15.9 23.9
279 23.9 19.0 28.4





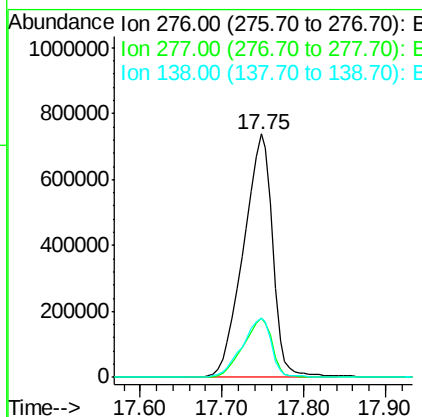
#91
Benzo(a,h,i)perylene
Concen: 54.913 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107533.D
Acq: 20 Jul 2018 19:38

Tot Ion:	276	Resp:	1832600
Ion Ratio	Lower	Upper	
276	100		
277	24.4	17.9	26.9
138	24.4	21.8	32.8

Instrument :
BNA_F
ClientSampleId :
PB111265BS

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