

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107529.D
 Acq On : 20 Jul 2018 17:52
 Operator : JU/SJ
 Sample : PB111134BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:44:31 PM

Quant Time: Jul 20 23:29:25 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	288678	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1118071	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	518974	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1080103	20.00	ng	0.00
75) Chrysene-d12	14.16	240	860805	20.00	ng	0.00
86) Perylene-d12	15.69	264	786206	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1978081	110.17	ng	0.00
7) Phenol-d6	6.61	99	2290279	106.23	ng	0.00
23) Nitrobenzene-d5	7.54	82	1420331	85.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	721889	122.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2566844	84.60	ng	0.00
78) Terphenyl-d14	13.09	244	2830235	84.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	250615	29.989	ng	# 82
3) Pyridine	3.67	79	707374	31.114	ng	# 84
4) n-Nitrosodimethylamine	3.63	42	351419	36.650	ng	99
6) Aniline	6.65	93	734892	26.429	ng	# 89
8) 2-Chlorophenol	6.77	128	696960	36.232	ng	95
9) Benzaldehyde	6.52	77	350925	24.041	ng	98
10) Phenol	6.62	94	875637	34.535	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	771091	36.682	ng	91
12) 1,3-Dichlorobenzene	6.91	146	736695	33.779	ng	98
13) 1,4-Dichlorobenzene	6.99	146	773372	34.598	ng	99
14) 1,2-Dichlorobenzene	7.14	146	691115	34.452	ng	98
15) Benzyl Alcohol	7.12	79	563883	38.377	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1202538	33.910	ng	88
17) 2-Methylphenol	7.22	107	606188	37.077	ng	95
18) Hexachloroethane	7.48	117	277331	35.372	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	485212	34.839	ng	96
20) 3+4-Methylphenols	7.38	107	748081	38.533	ng	# 64
22) Acetophenone	7.38	105	975396	37.147	ng	# 90
24) Nitrobenzene	7.55	77	752960	39.681	ng	97
25) Isophorone	7.79	82	1384438	39.138	ng	99
26) 2-Nitrophenol	7.87	139	359022	44.804	ng	96
27) 2,4-Dimethylphenol	7.91	122	646359	42.613	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	896170	37.909	ng	99
29) 2,4-Dichlorophenol	8.12	162	610797	39.398	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	616360	35.397	ng	99
31) Naphthalene	8.28	128	1930453	39.264	ng	97
32) Benzoic acid	8.03	122	381943	38.033	ng	95
33) 4-Chloroaniline	8.34	127	322783	15.020	ng	96
34) Hexachlorobutadiene	8.39	225	360199	34.813	ng	100
35) Caprolactam	8.70	113	205904m	40.833	ng	
36) 4-Chloro-3-methylphenol	8.81	107	685134	39.784	ng	97
37) 2-Methylnaphthalene	8.97	142	1388370	40.750	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	630569	36.428	ng	99
40) Hexachlorocyclopentadiene	9.12	237	744925	84.657	ng	99

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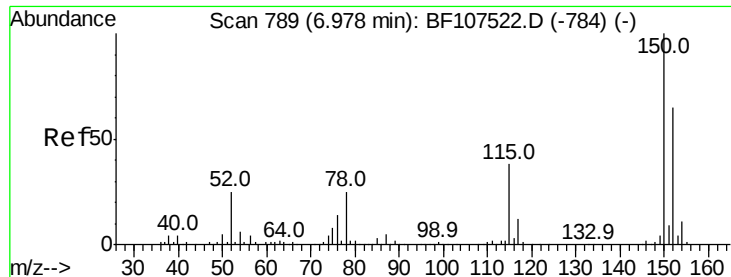
Manual Integrations
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 7/23/2018 12:44:31 PM

Quant Time: Jul 20 23:29:25 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)
42) 2,4,6-Trichlorophenol	9.25	196	432848	39.066	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	461023	39.812	nq	96
45) 1,1'-Biphenyl	9.44	154	1659797	36.714	nq	98
46) 2-Chloronaphthalene	9.47	162	1261453	36.505	nq	97
47) 2-Nitroaniline	9.57	65	450962	44.764	nq	92
48) Acenaphthylene	9.88	152	2061866	39.720	nq	97
49) Dimethylphthalate	9.74	163	1497105	38.276	nq	99
50) 2,6-Dinitrotoluene	9.80	165	330610	42.574	nq	95
51) Acenaphthene	10.05	154	1219976	37.509	nq	98
52) 3-Nitroaniline	9.98	138	241936	25.609	nq	96
53) 2,4-Dinitrophenol	10.08	184	294675	80.283	nq #	20
54) Dibenzofuran	10.22	168	1818484	37.978	nq	96
55) 4-Nitrophenol	10.15	139	600910	84.956	nq	93
56) 2,4-Dinitrotoluene	10.21	165	436075	46.521	nq #	96
57) Fluorene	10.57	166	1432999	41.949	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	406040	42.131	nq	92
59) Diethylphthalate	10.43	149	1588381	38.884	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	698518	36.170	nq	97
61) 4-Nitroaniline	10.60	138	379310	47.789	nq	96
62) Azobenzene	10.72	77	1523889	39.784	nq	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	201654	40.360	nq	95
65) n-Nitrosodiphenylamine	10.68	169	1311292	35.747	nq	97
66) 4-Bromophenyl-phenylether	11.05	248	449871	35.382	nq	91
67) Hexachlorobenzene	11.11	284	490762	35.080	nq	93
68) Atrazine	11.21	200	427066	38.131	nq	96
69) Pentachlorophenol	11.31	266	538382	61.611	nq	97
70) Phenanthrene	11.54	178	2009060	38.171	nq	96
71) Anthracene	11.59	178	2051166	38.705	nq	95
72) Carbazole	11.75	167	1991150	36.132	nq	97
73) Di-n-butylphthalate	12.06	149	2440203	42.274	nq	96
74) Fluoranthene	12.73	202	2262672	40.061	nq	97
76) Benzidine	12.85	184	854267	34.461	nq	99
77) Pyrene	12.96	202	2251548	38.240	nq	96
79) Butylbenzylphthalate	13.57	149	1136829	44.896	nq	96
80) Benzo(a)anthracene	14.15	228	1987090	39.391	nq	96
81) 3,3'-Dichlorobenzidine	14.11	252	425680	25.014	nq #	95
82) Chrysene	14.19	228	1873493	38.663	nq	96
83) Bis(2-ethylhexyl)phthalate	14.12	149	1553316	43.476	nq	96
84) Di-n-octyl phthalate	14.74	149	2435532	43.855	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	1881896	45.823	nq	97
87) Benzo(b)fluoranthene	15.24	252	1707995	39.695	nq	97
88) Benzo(k)fluoranthene	15.27	252	1667036	39.545	nq	98
89) Benzo(a)pyrene	15.63	252	1632905	41.487	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	1563365	45.950	nq	98
91) Benzo(g,h,i)perylene	17.75	276	1604024	47.796	nq	96

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



#1

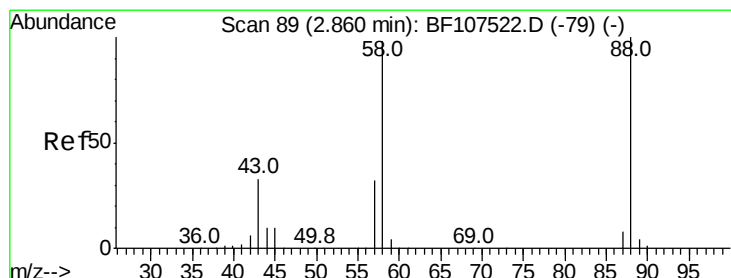
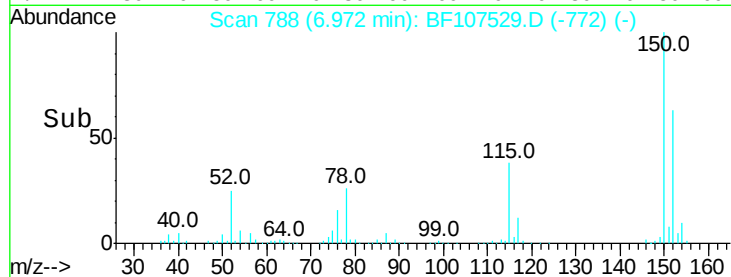
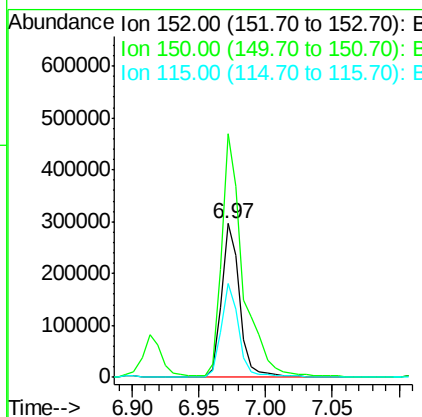
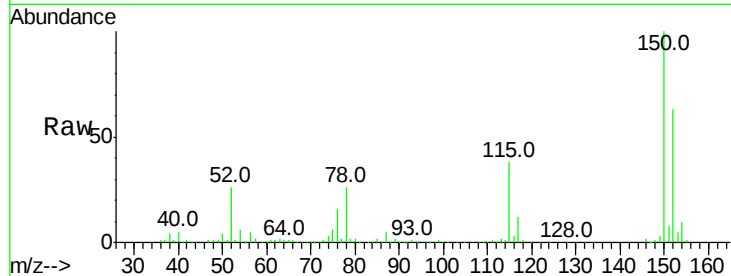
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	60.6	50.1	75.1

Manual Integrations
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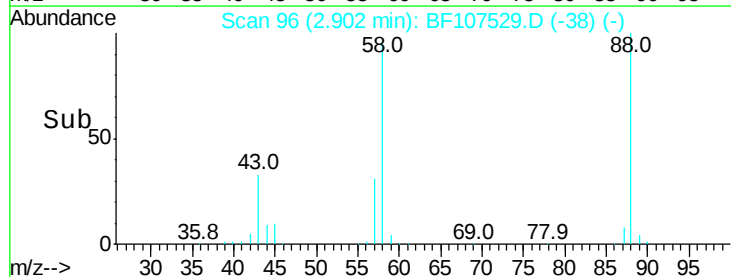
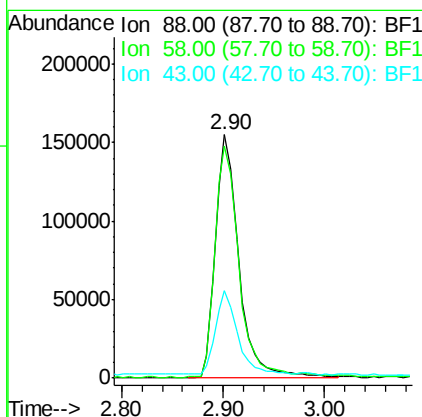
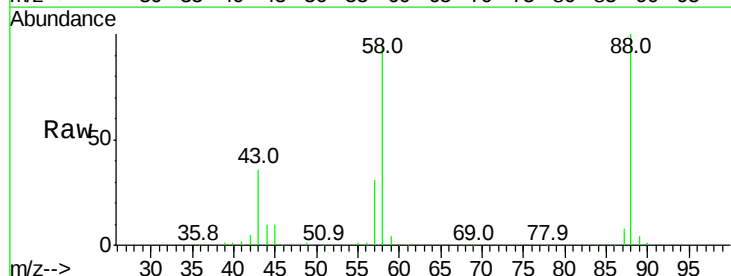
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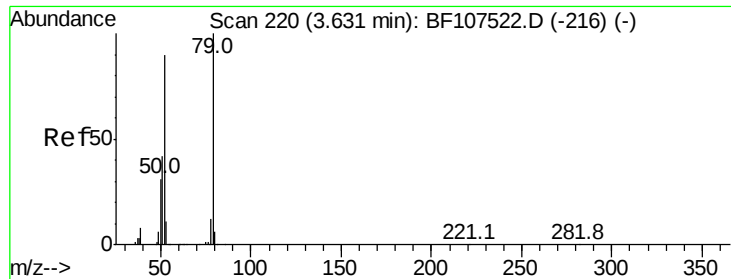


#2

1,4-Dioxane
Concen: 29.989 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.04 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	62.6	93.8#
43	33.5	24.6	37.0





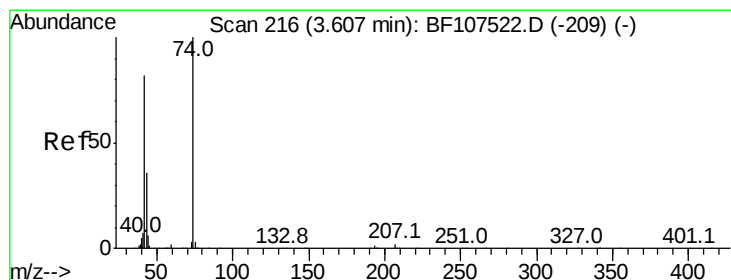
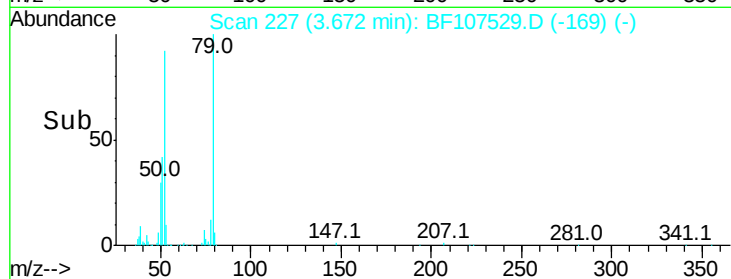
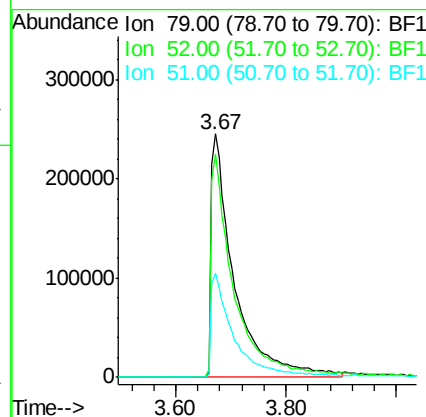
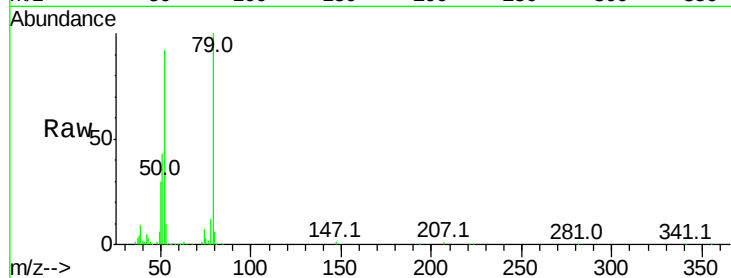
#3
 Pvridine
 Concen: 31.114 ng
 RT: 3.67 min Scan# 227
 Delta R.T. 0.04 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.8	59.8	89.6#
51	42.5	29.8	44.8

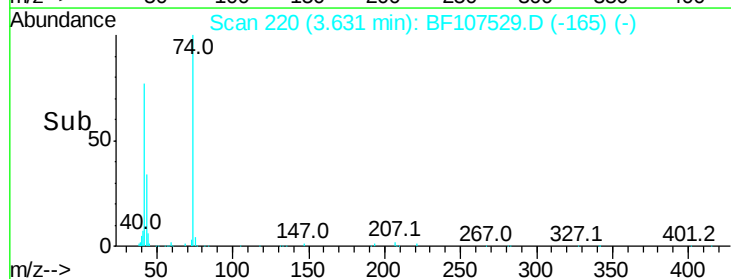
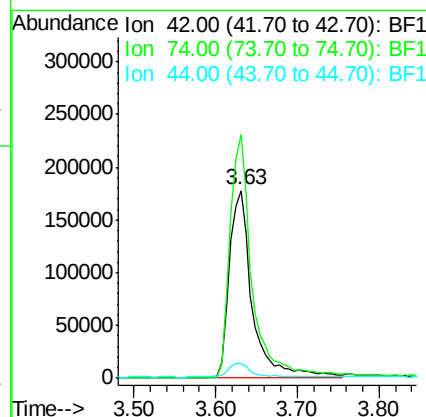
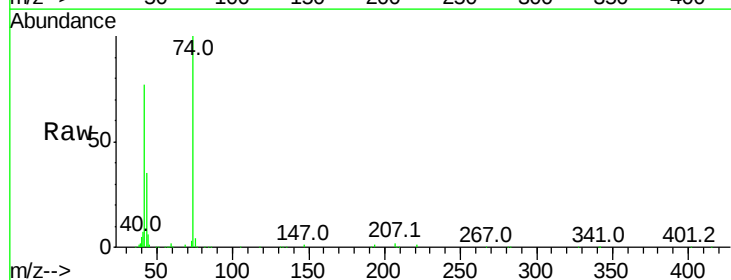
Manual Integrations
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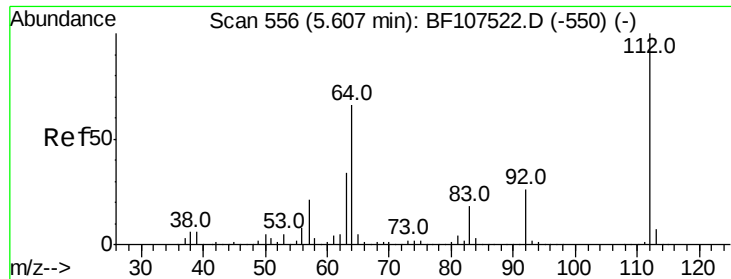
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#4
 n-Nitrosodimethylamine
 Concen: 36.650 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.9	104.9	157.3
44	8.0	6.9	10.3





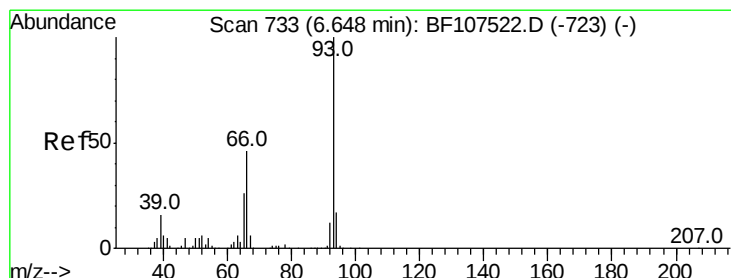
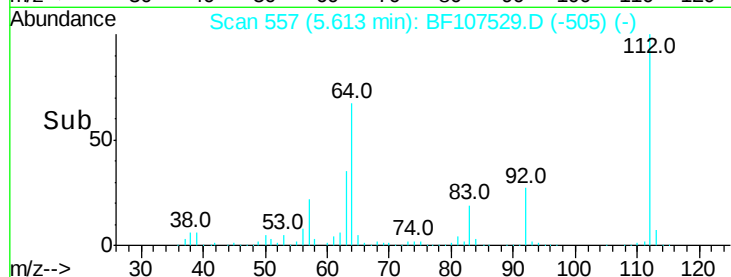
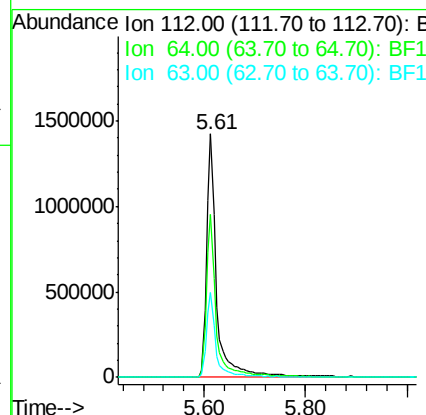
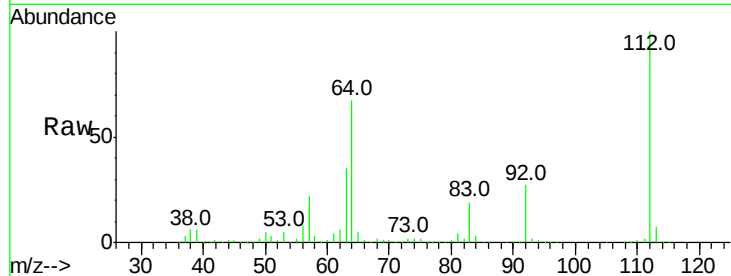
#5
2-Fluorophenol
Concen: 110.170 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	34.7	23.7	35.5

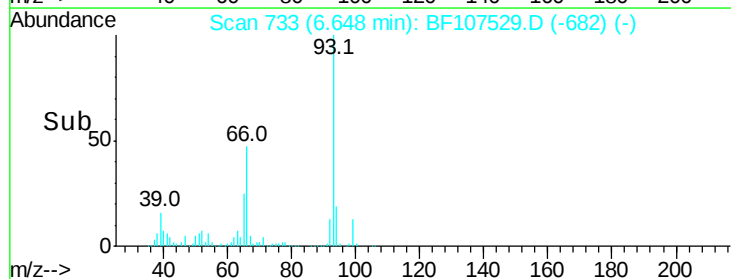
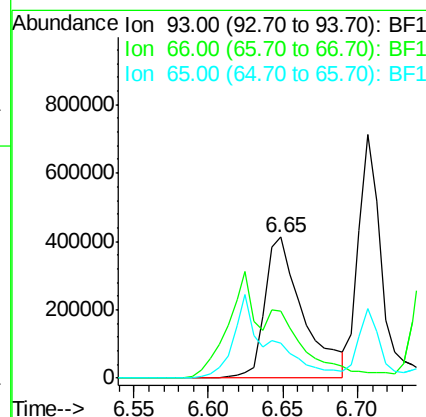
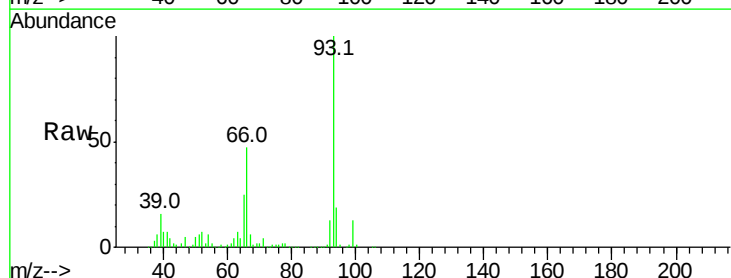
Manual Integrations
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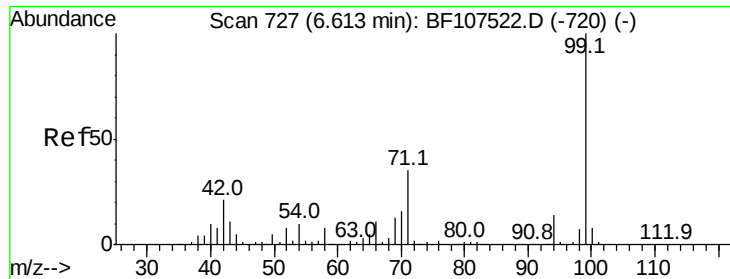
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#6
Aniline
Concen: 26.429 ng
RT: 6.65 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	47.2	32.2	48.2
65	25.1	16.4	24.6





#7

Phenol-d6

Concen: 106.233 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion: 99 Resp: 2290279

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

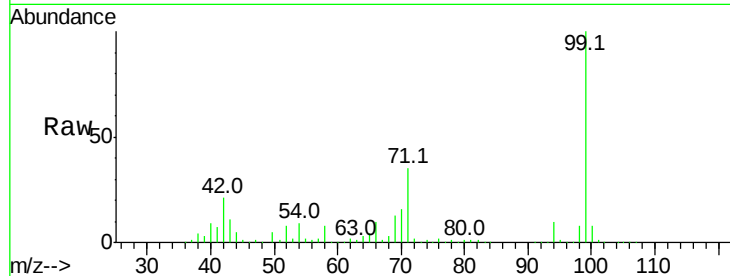
71 35.2 25.4 38.0

Manual Integrations

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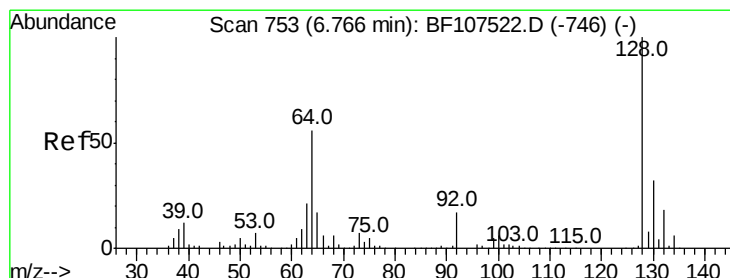
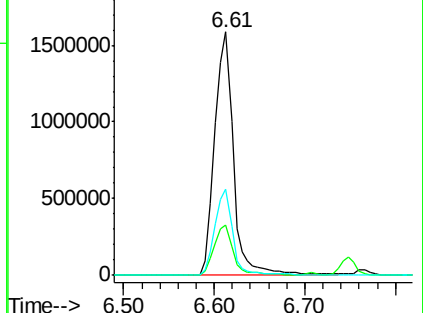
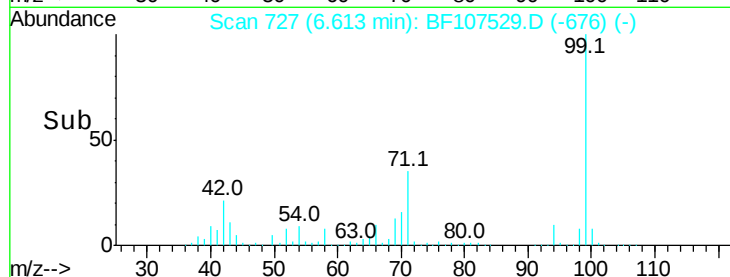
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.232 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

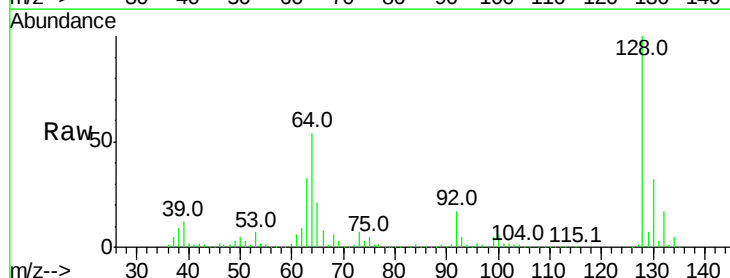
Tgt Ion: 128 Resp: 696960

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

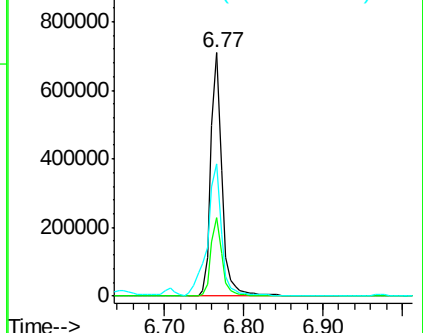
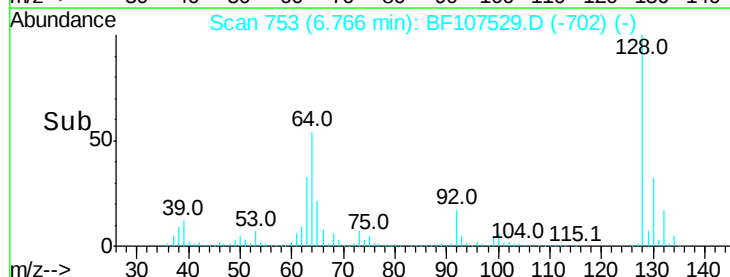
64 54.3 29.4 69.4

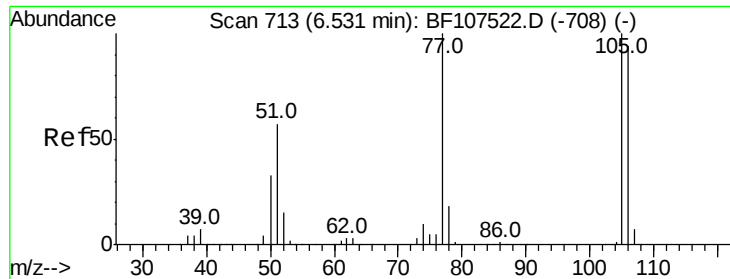


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





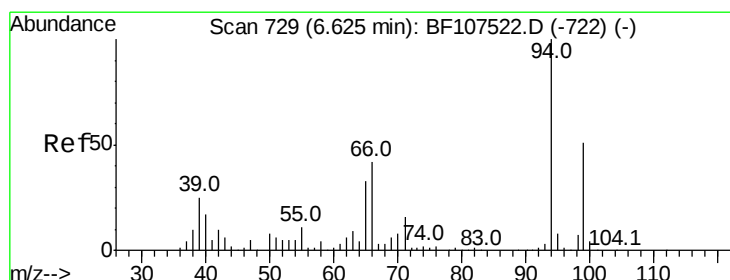
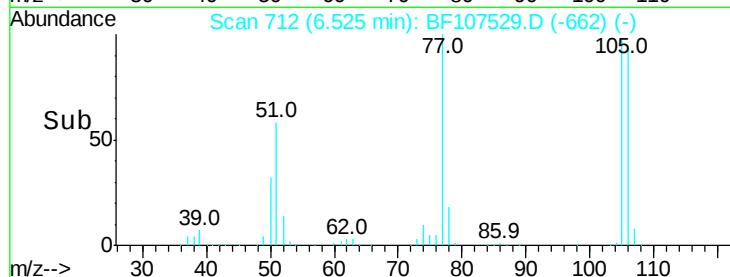
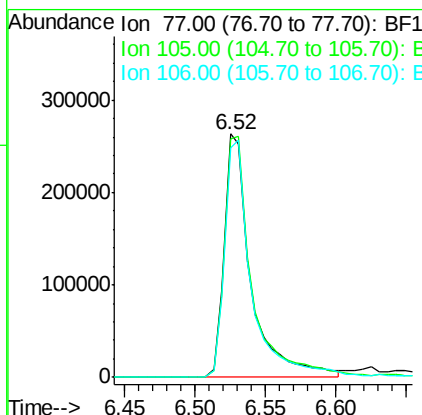
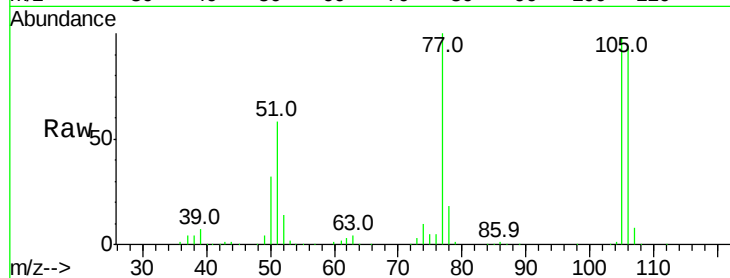
#9
Benzaldehyde
Concen: 24.041 ng
RT: 6.52 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.9	81.1	121.1
106	94.1	74.5	114.5

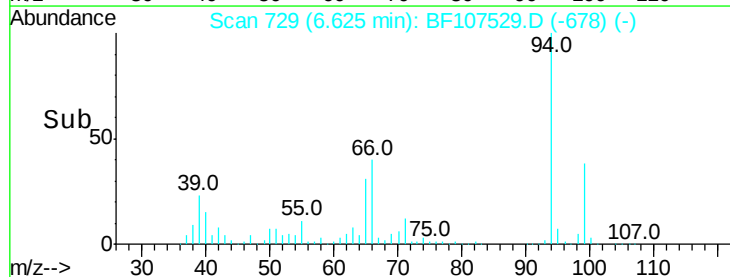
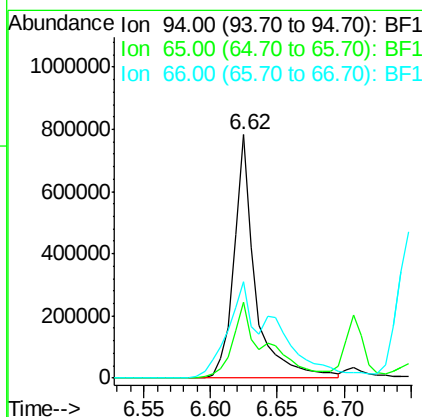
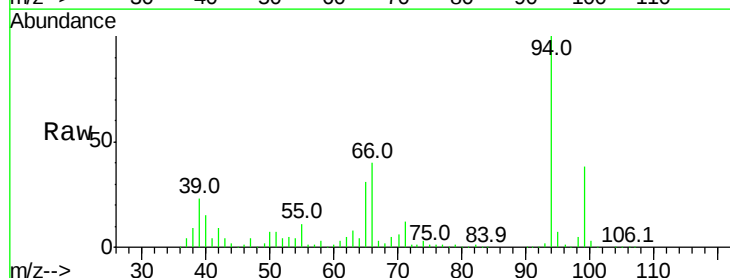
Manual Integrations
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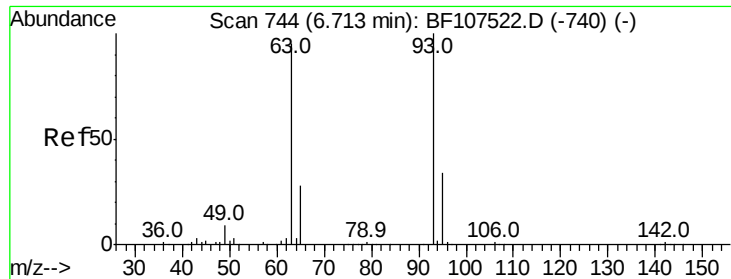
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#10
Phenol
Concen: 34.535 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.9	47.9
66	39.8	16.2	56.2





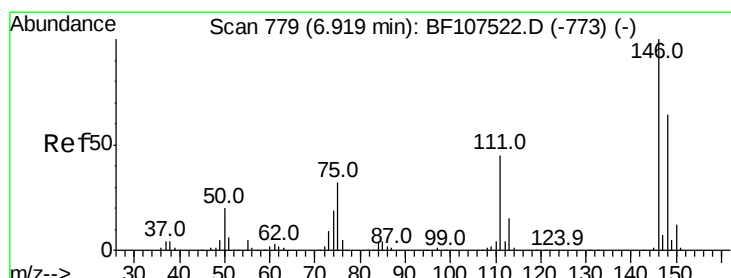
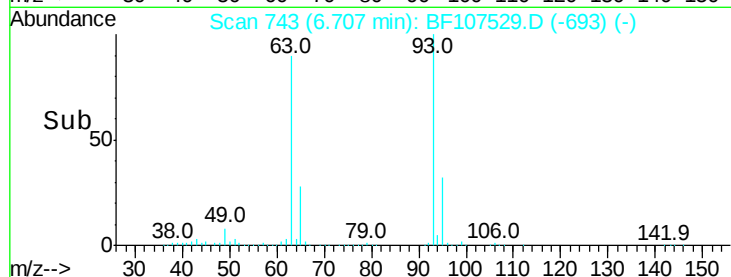
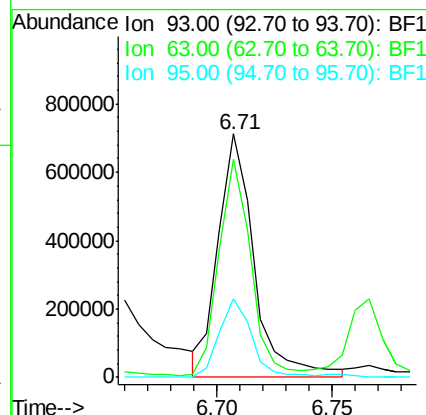
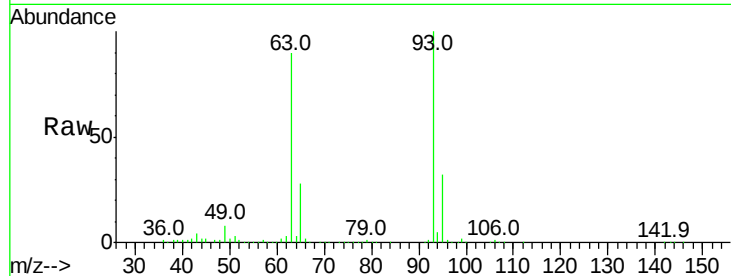
#11
bis(2-Chloroethyl)ether
Concen: 36.682 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	771091		
63	89.6	58.6	98.6	
95	32.1	11.8	51.8	

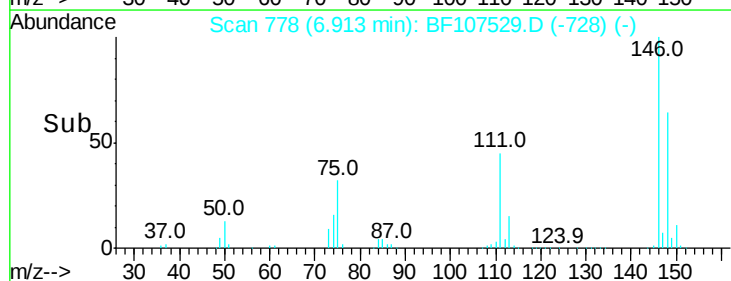
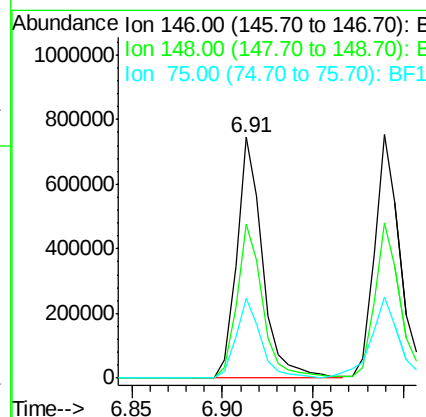
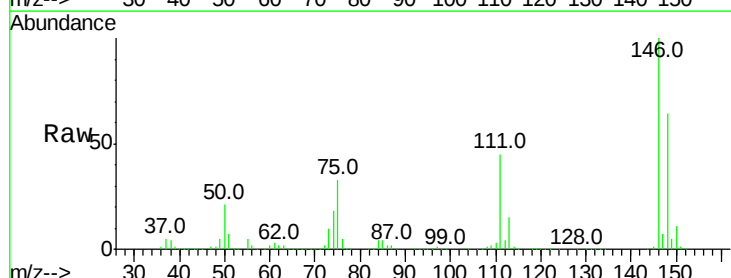
Manual Integrations
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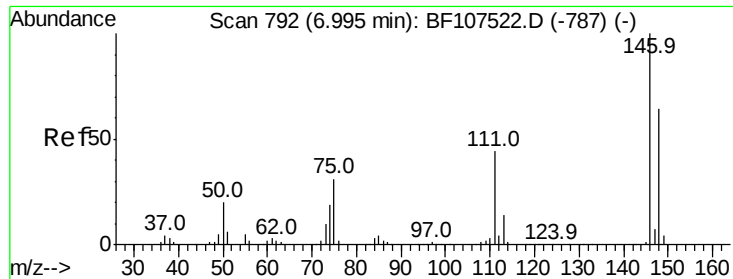
Sohil
7/23/2018 12:44:31 PM



#12
1,3-Dichlorobenzene
Concen: 33.779 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	736695		
148	64.1	51.8	77.8	
75	33.1	24.2	36.4	





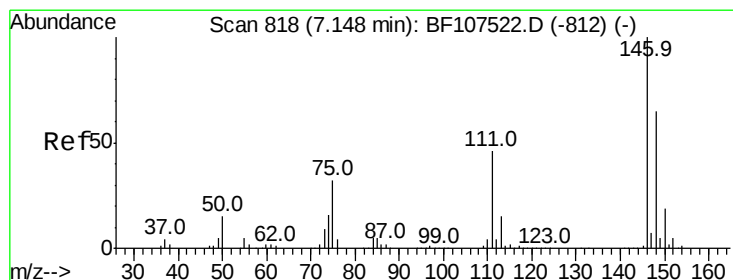
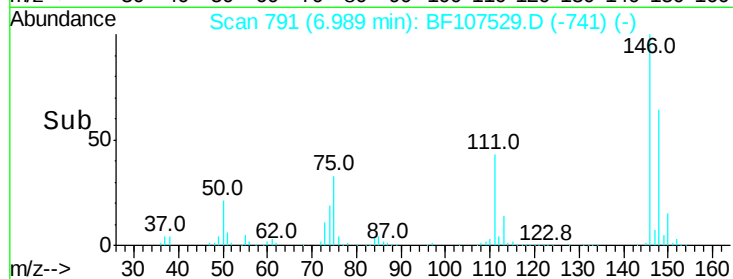
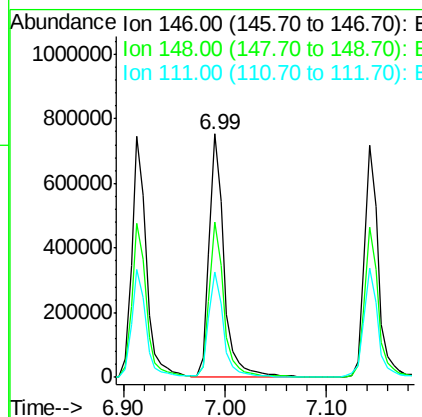
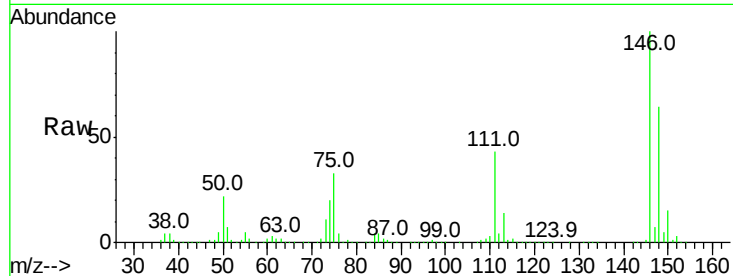
#13
 1,4-Dichlorobenzene
 Concen: 34.598 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampled :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	43.1	34.2	51.2

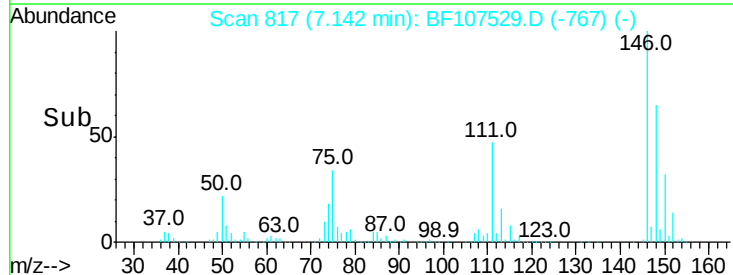
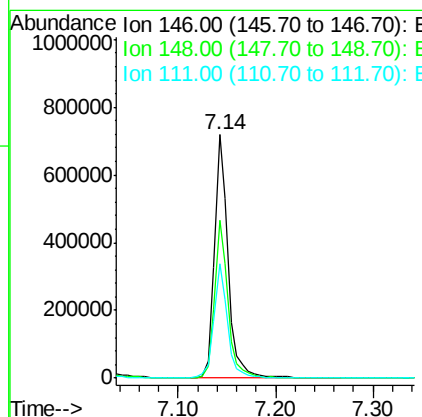
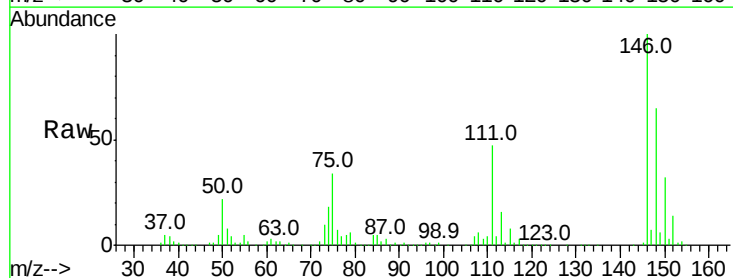
Manual Integrations
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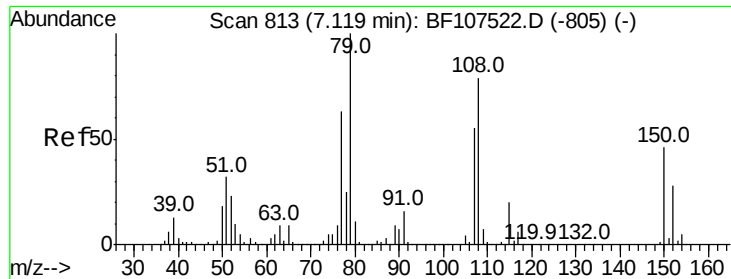
Sohil
 7/23/2018 12:44:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.452 ng
 RT: 7.14 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	46.8	36.0	54.0





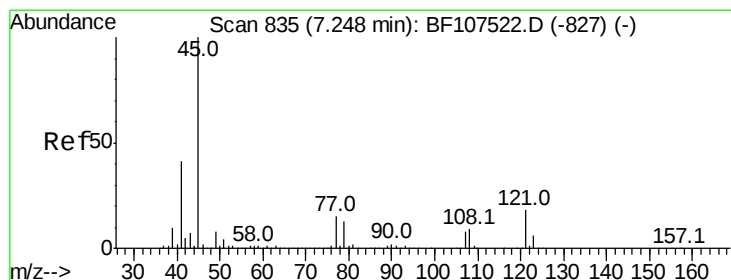
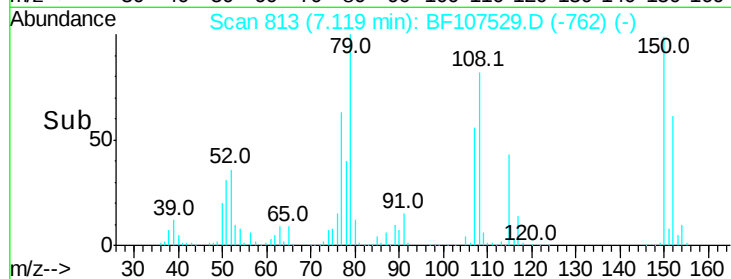
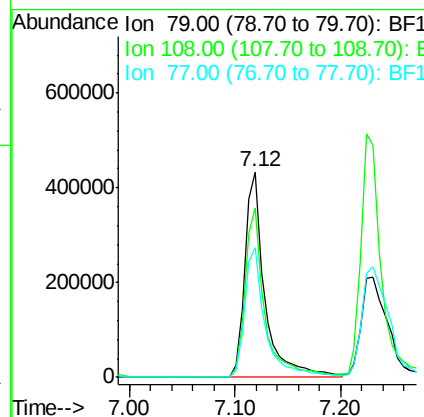
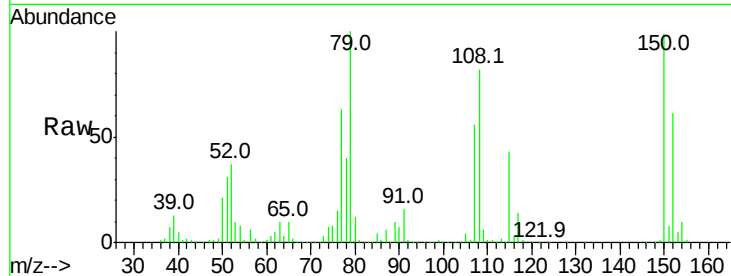
#15
Benzyl Alcohol
Concen: 38.377 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	65.1	97.7
77	63.2	50.6	75.8

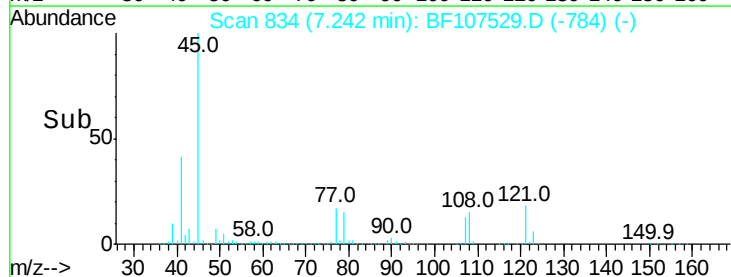
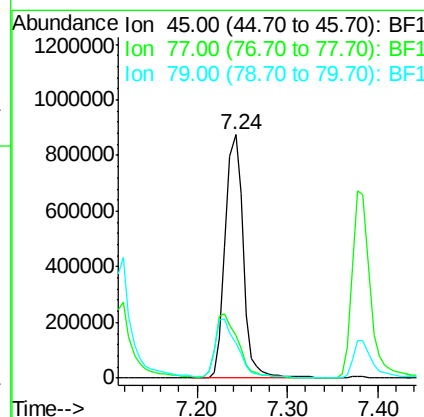
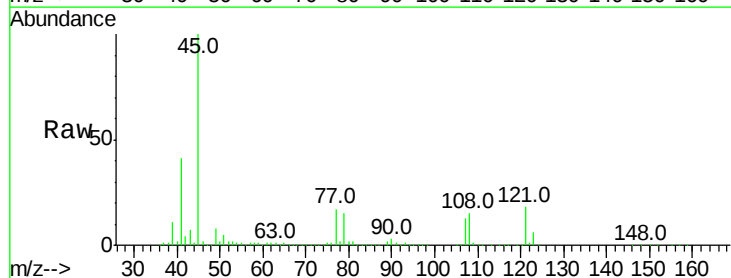
Manual Integrations
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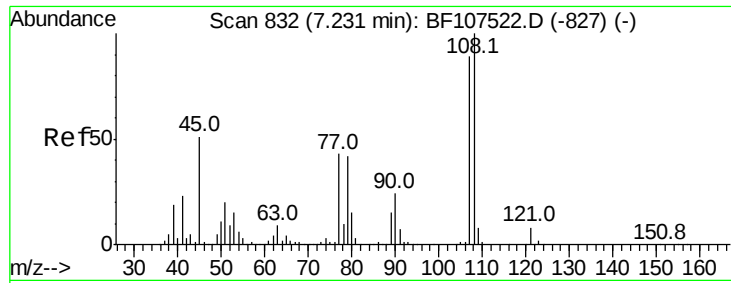
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.910 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	32.9
79	14.5	0.0	29.6





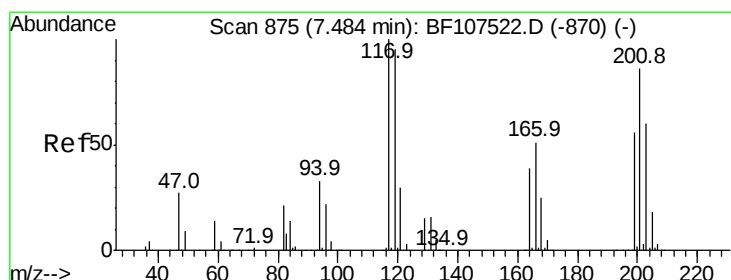
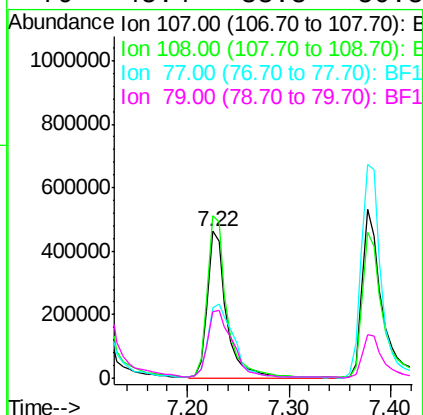
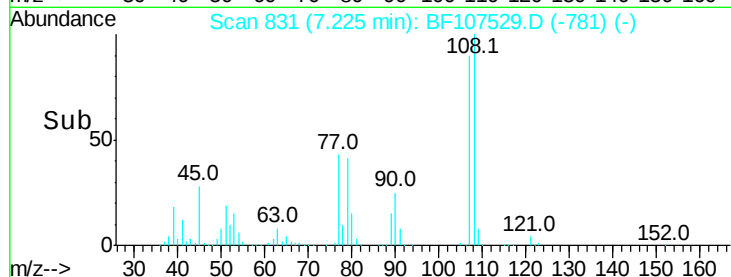
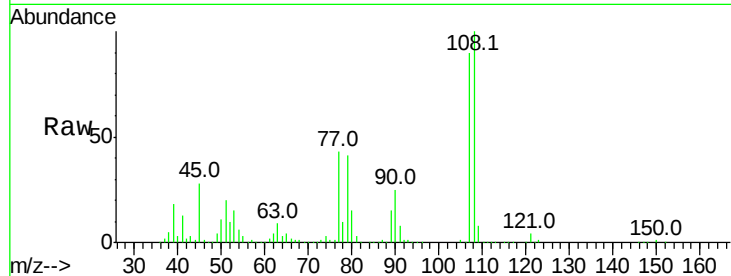
#17
2-Methylphenol
Concen: 37.077 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	91.7	137.5	
77	47.6	33.8	50.8	
79	45.4	33.8	50.8	

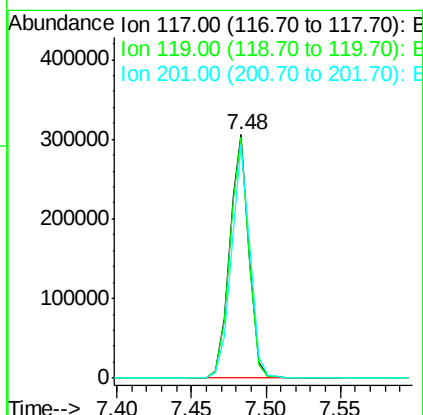
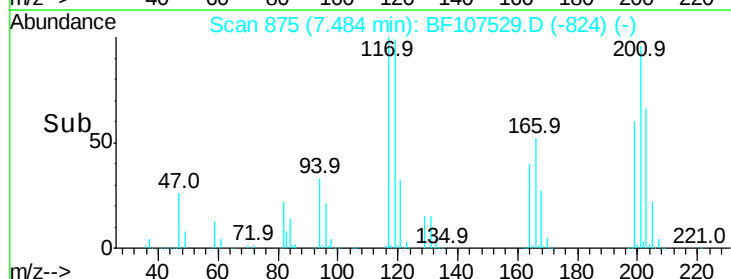
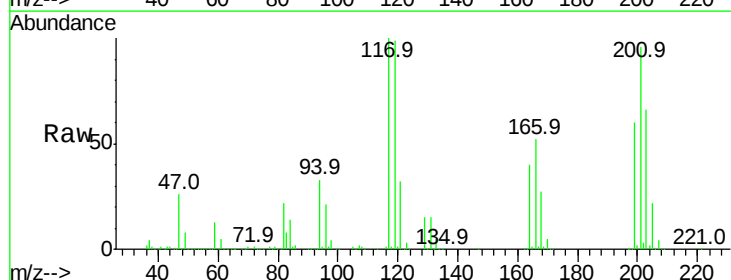
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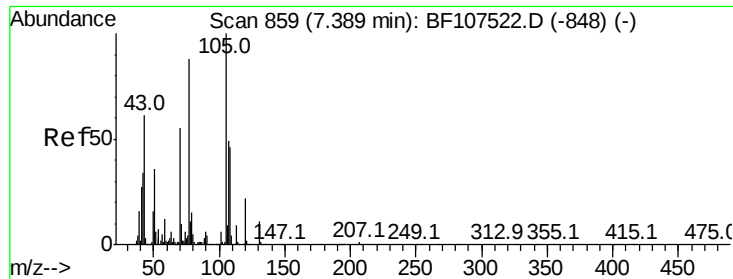
Sohil
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#18
Hexachloroethane
Concen: 35.372 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	75.8	113.8	
201	96.0	75.7	113.5	





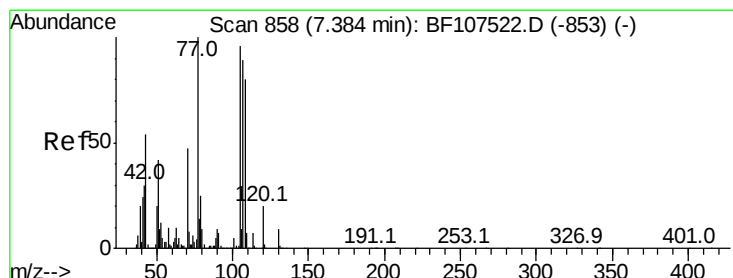
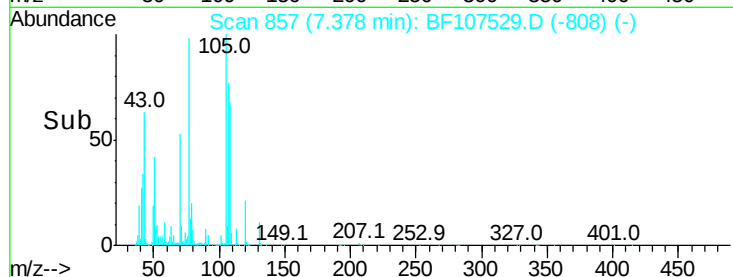
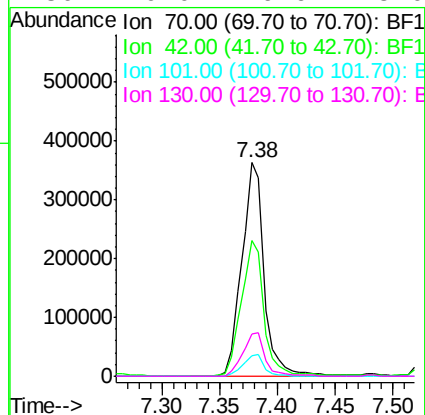
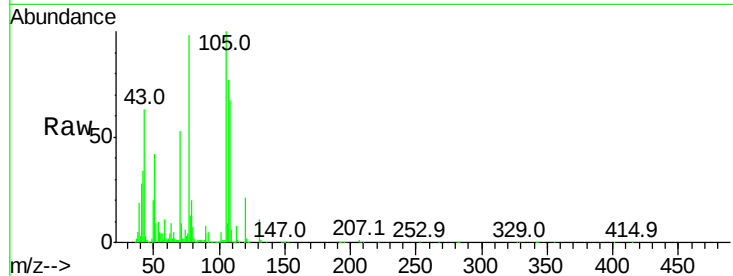
#19
n-Nitroso-di-n-propylamine
Concen: 34.839 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampled :
PB111134BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	9.5	7.4	11.2
130	20.0	16.6	25.0

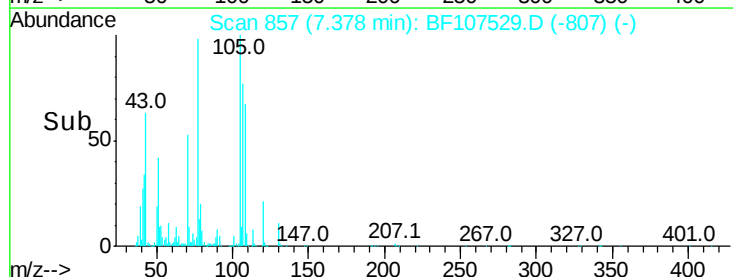
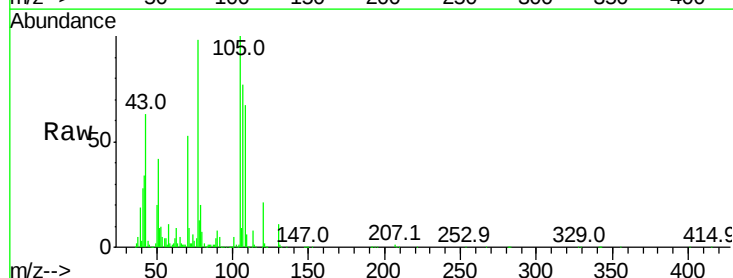
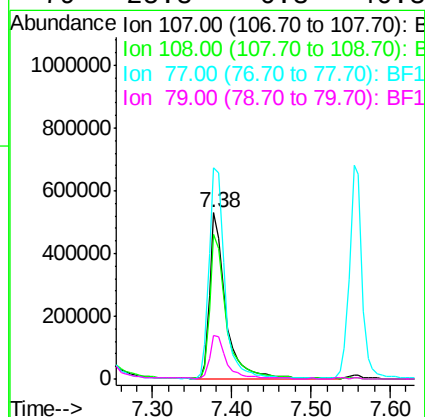
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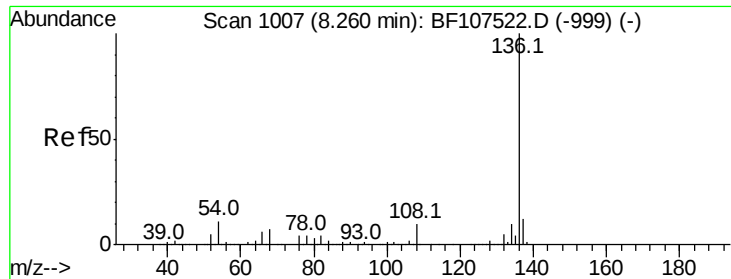
Sohil
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#20
3+4-Methylphenols
Concen: 38.533 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	126.8	26.7	66.7#
79	25.8	6.3	46.3





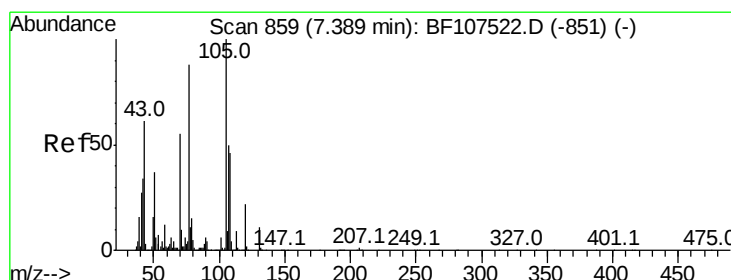
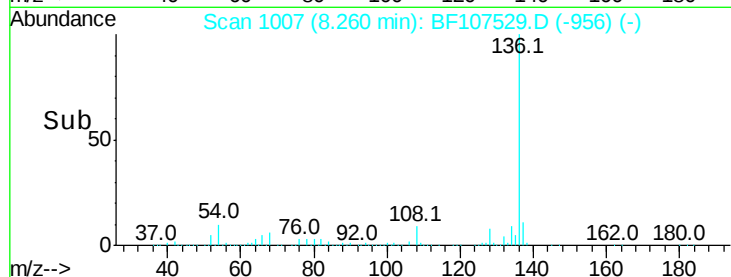
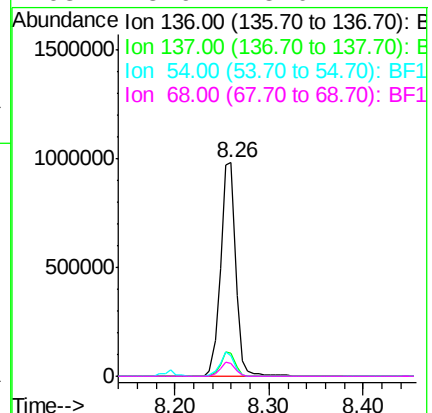
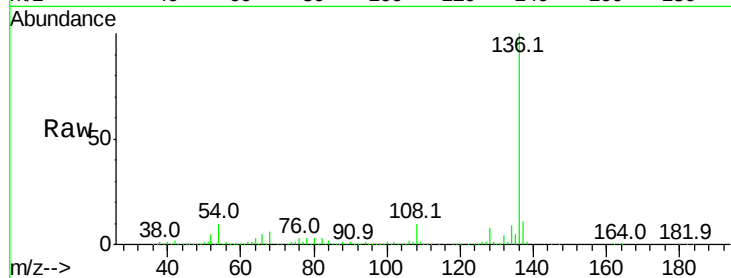
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	136	Resp	1118071
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	5.9	5.0	7.4

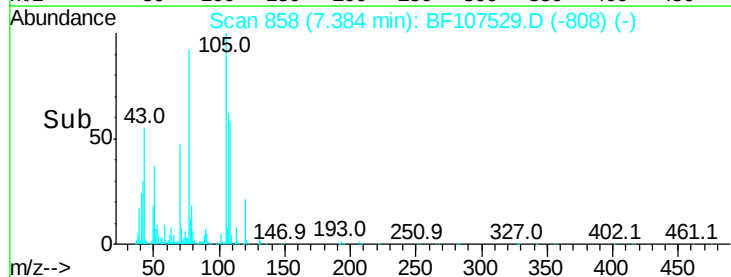
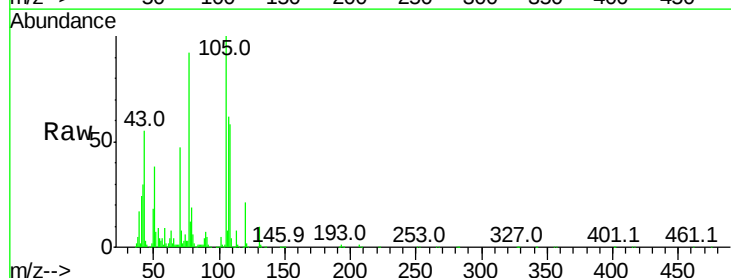
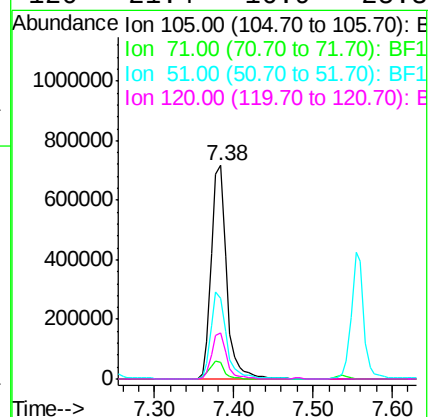
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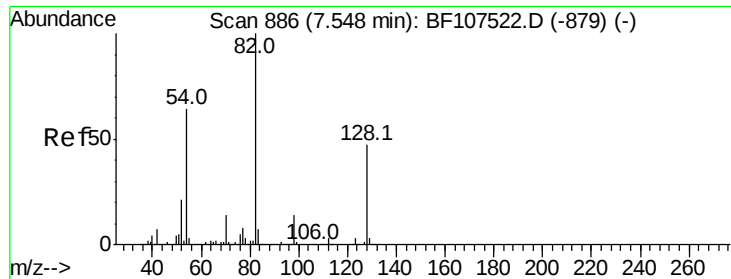
Sohil
7/23/2018 12:44:31 PM



#22
Acetophenone
Concen: 37.147 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	105	Resp	975396
Ion Ratio	Lower	Upper	
105	100		
71	8.0	4.4	6.6#
51	37.5	22.3	33.5#
120	21.4	16.9	25.3





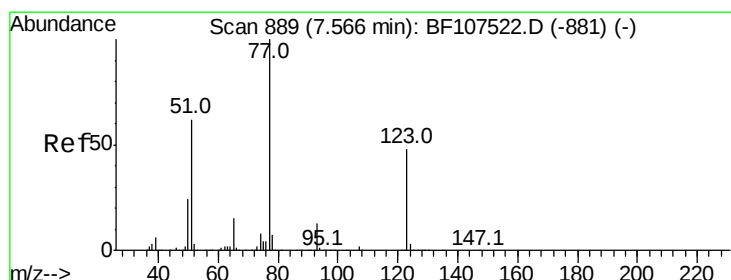
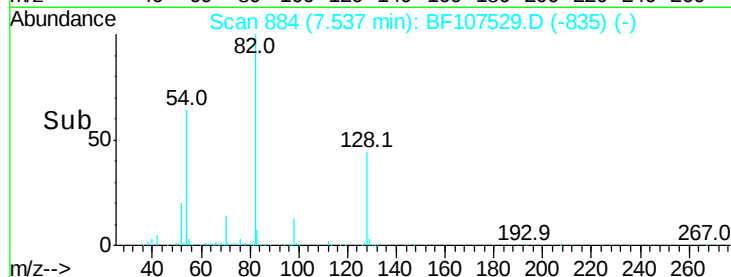
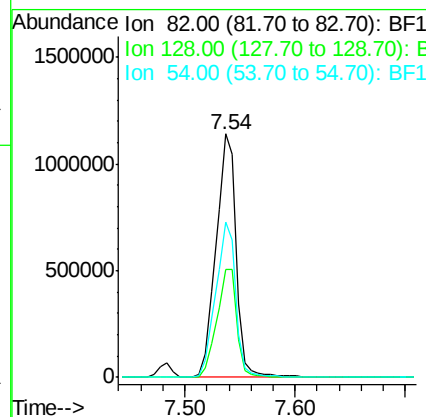
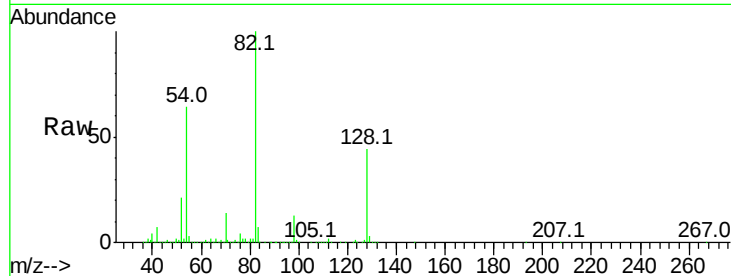
#23
 Nitrobenzene-d5
 Concen: 85.732 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion: 82 Resp: 1420331
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 64.0 41.4 62.2#

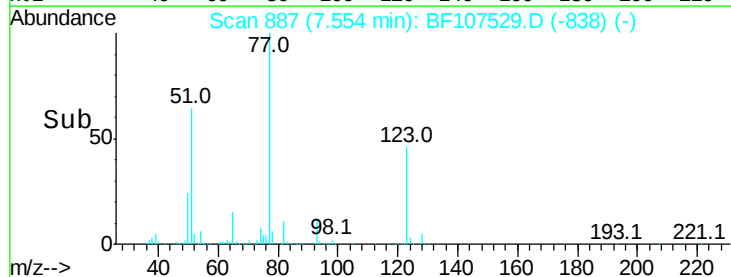
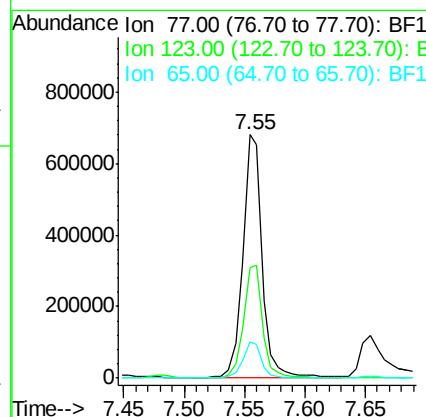
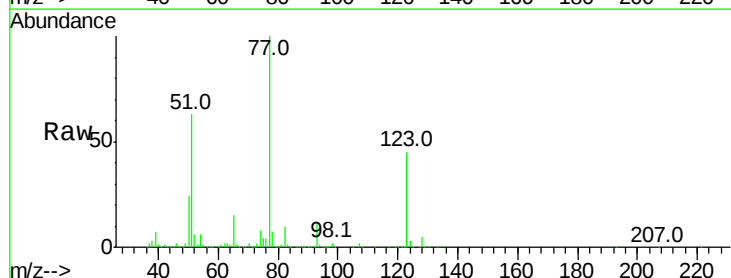
Manual Integrations
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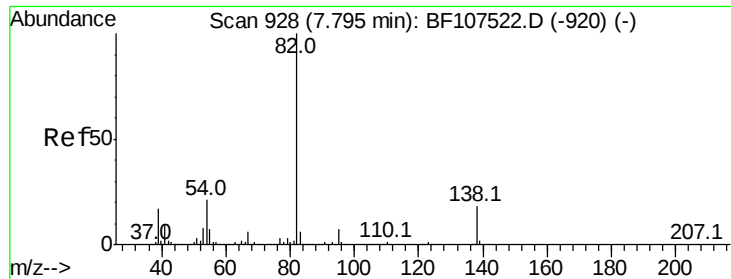
Sohil
 7/23/2018 12:44:31 PM



#24
 Nitrobenzene
 Concen: 39.681 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion: 77 Resp: 752960
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.9 56.9
 65 15.0 11.0 16.4





#25

Isophorone

Concen: 39.138 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion: 82 Resp: 1384438

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

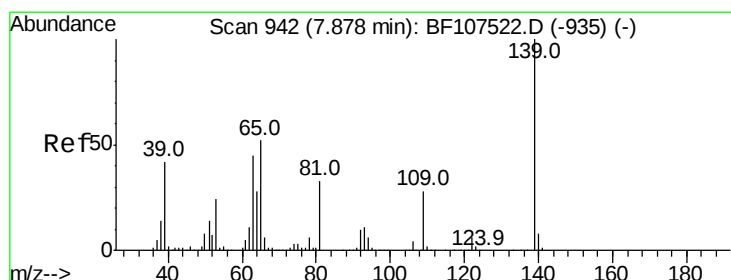
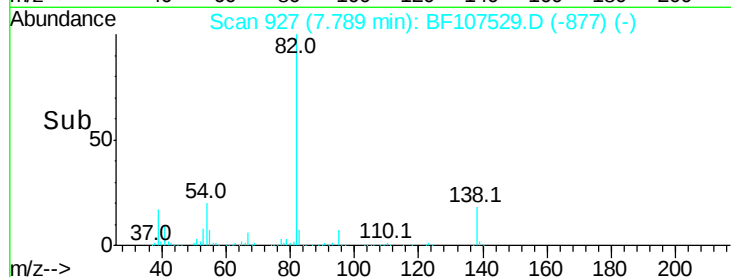
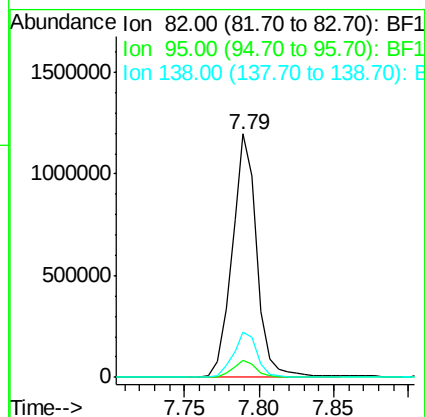
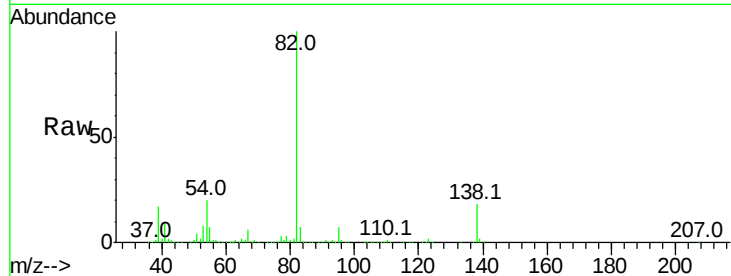
138 18.3 14.9 22.3

Manual Integrations

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Sohil

7/23/2018 12:44:31 PM



#26

2-Nitrophenol

Concen: 44.804 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

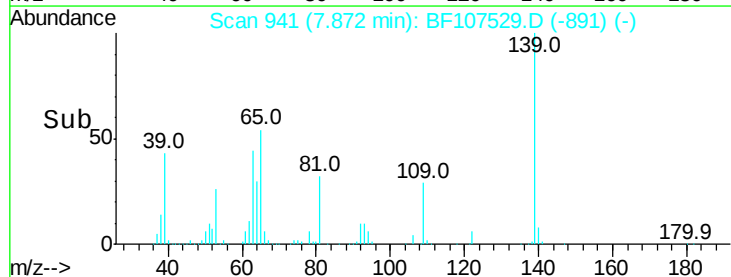
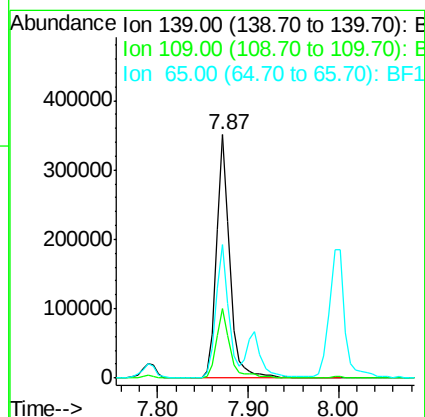
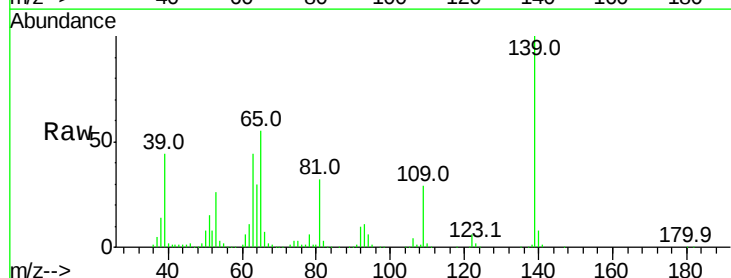
Tgt Ion: 139 Resp: 359022

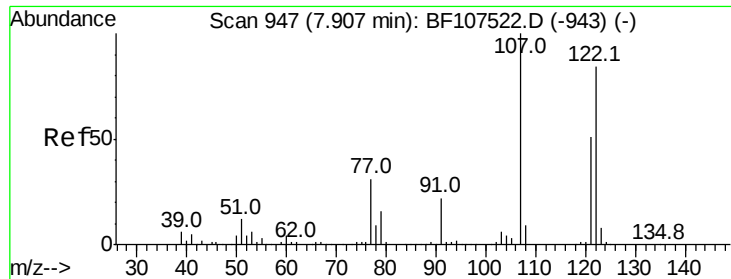
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 55.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.613 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

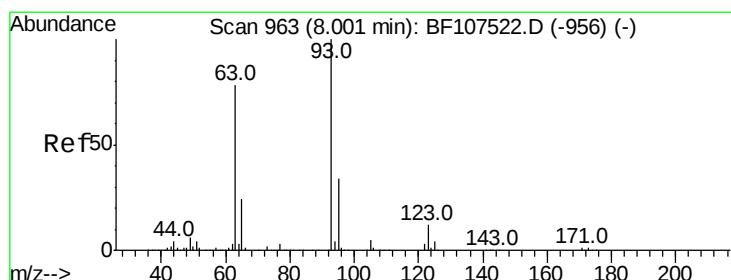
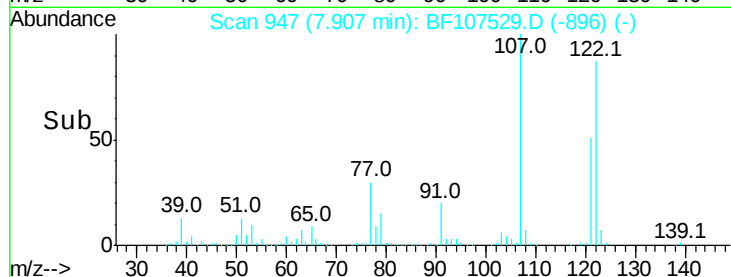
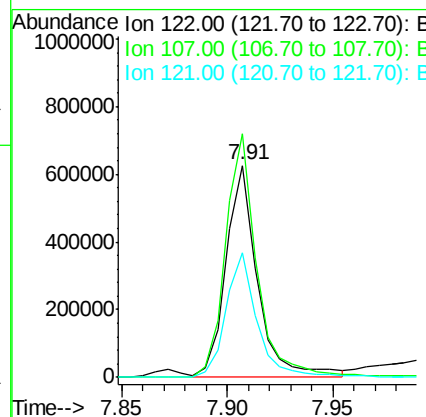
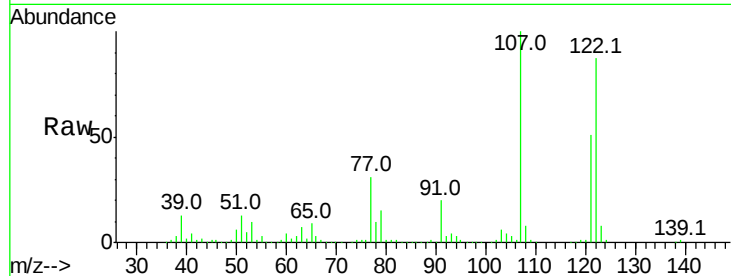
ClientSampleId :

PB111134BS

Tot Ion:	122	Resp:	646359
Ion Ratio	Lower	Upper	
122	100		
107	114.9	91.2	136.8
121	59.0	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 37.909 ng

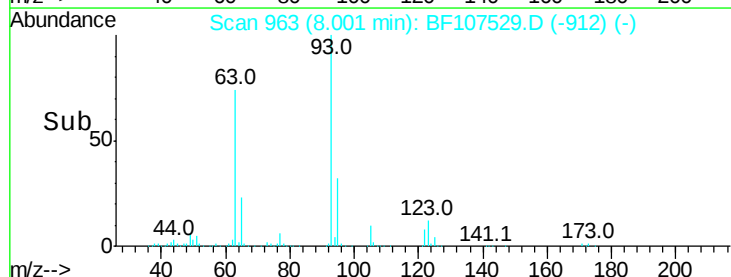
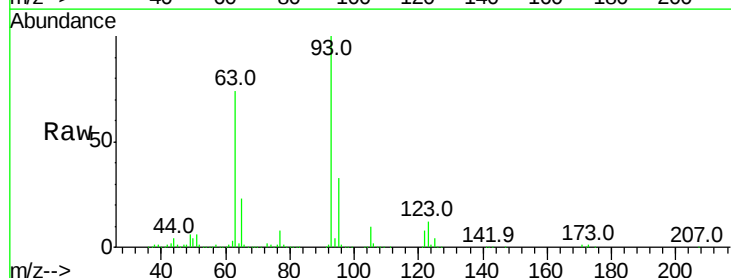
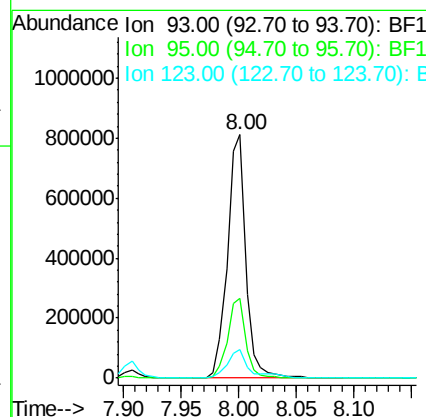
RT: 8.00 min Scan# 963

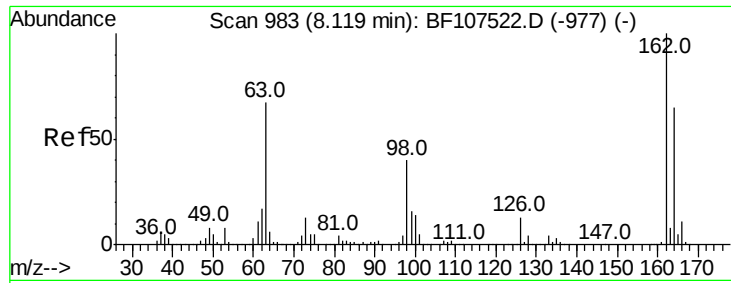
Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Tgt Ion:	93	Resp:	896170
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	12.0	9.8	14.6





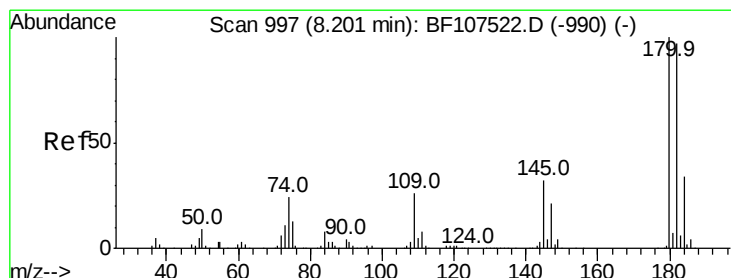
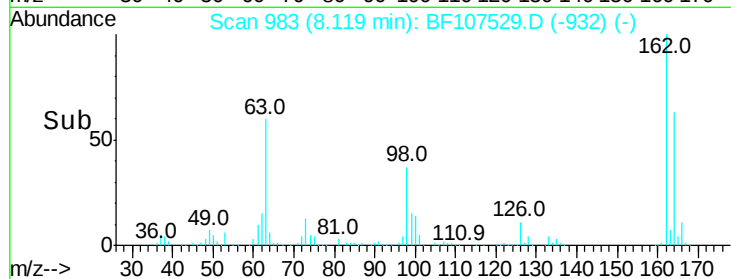
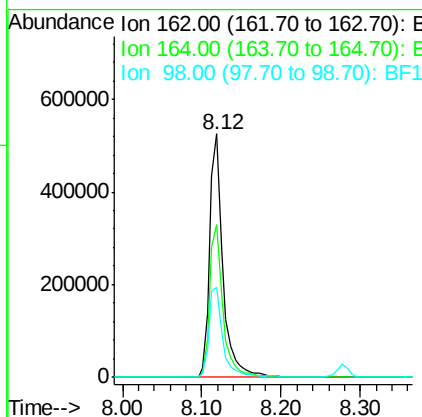
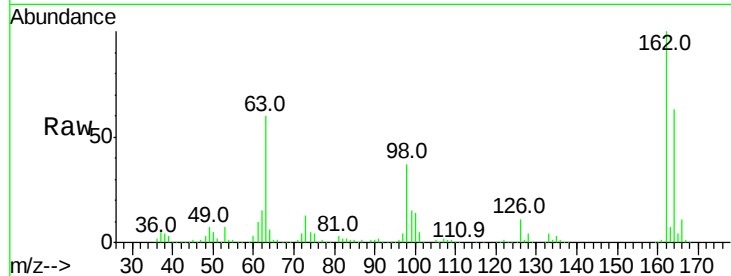
#29
2,4-Dichlorophenol
Concen: 39.398 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	610797		
164	62.9	42.7	82.7	
98	36.9	18.1	58.1	

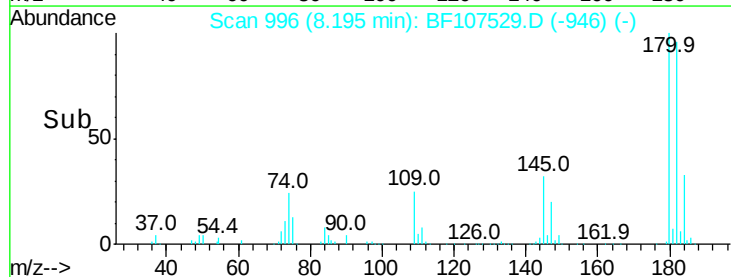
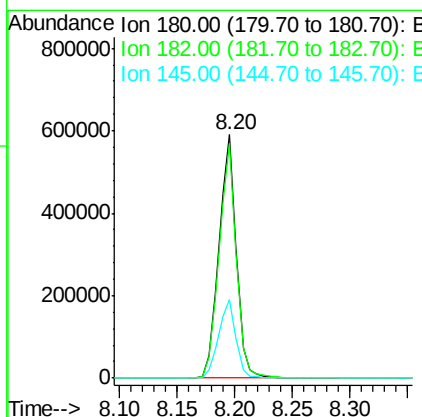
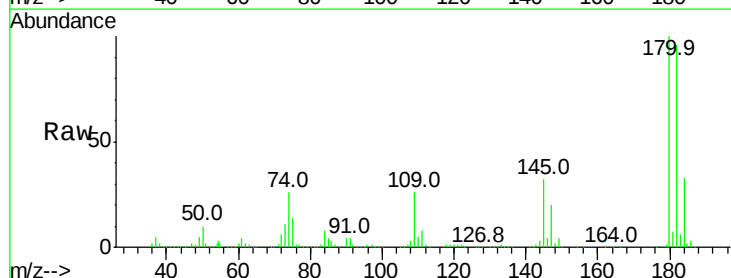
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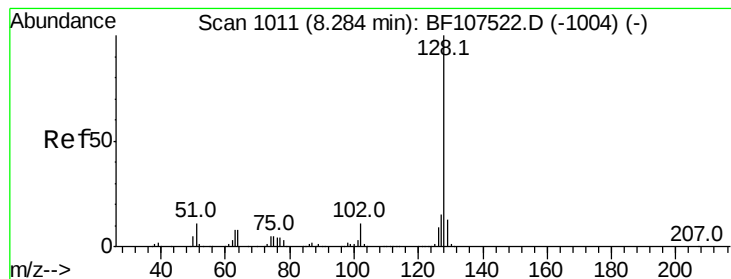
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#30
1,2,4-Trichlorobenzene
Concen: 35.397 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	616360		
182	96.3	76.8	115.2	
145	32.0	26.5	39.7	





#31

Naphthalene

Concen: 39.264 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:128 Resp: 1930453

Ion Ratio Lower Upper

128 100

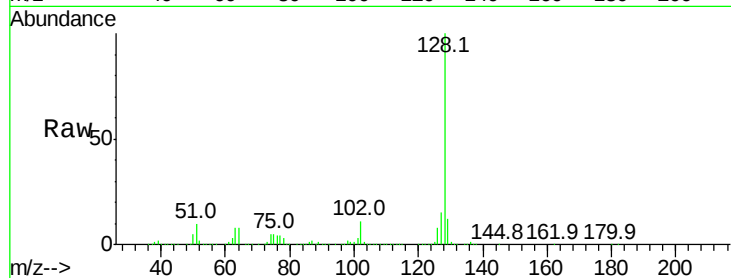
129 12.3 8.8 13.2

127 14.7 10.9 16.3

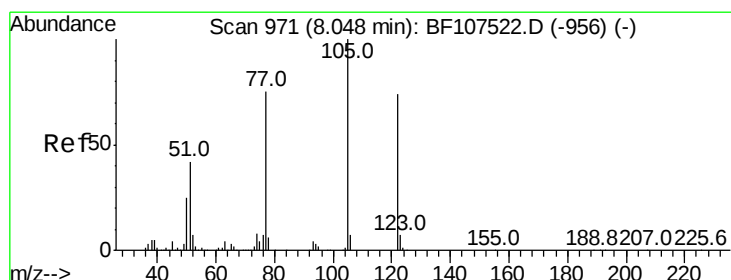
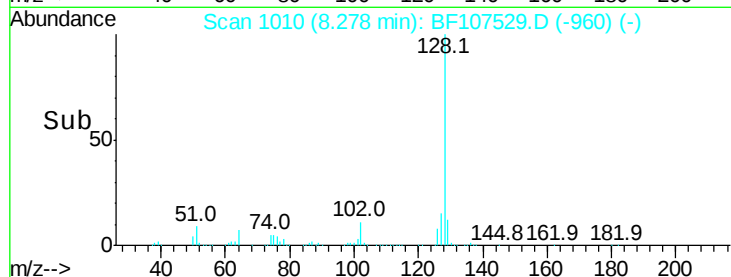
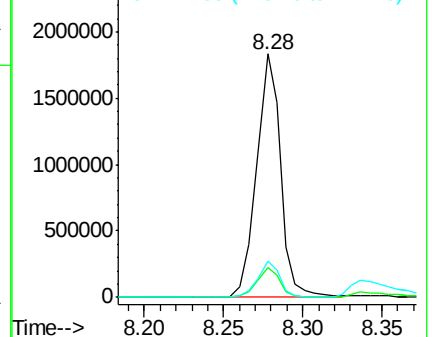
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Abundance Ion 128.00 (127.70 to 128.70): E
2500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.033 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

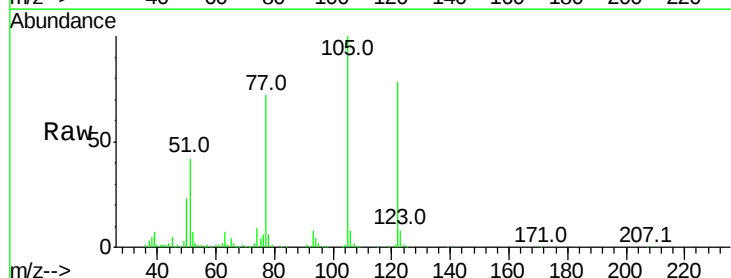
Tgt Ion:122 Resp: 381943

Ion Ratio Lower Upper

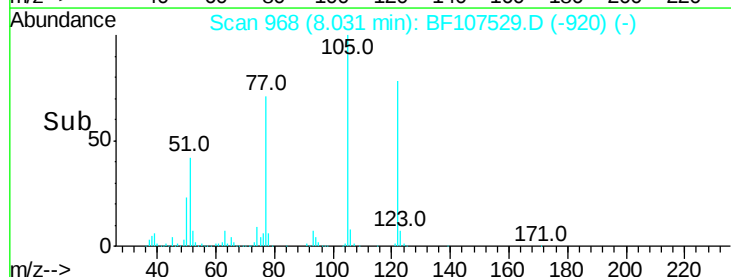
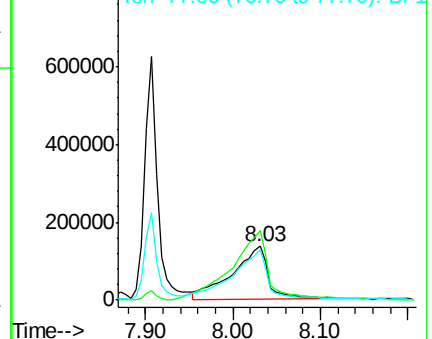
122 100

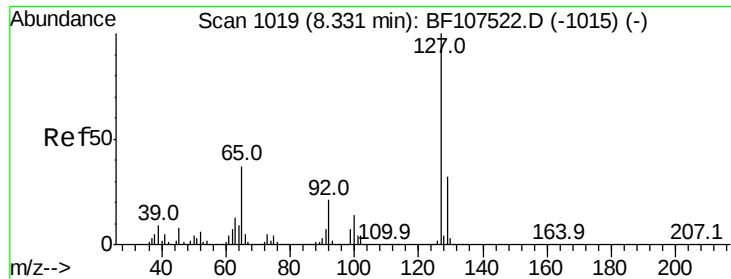
105 128.4 101.1 141.1

77 92.8 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





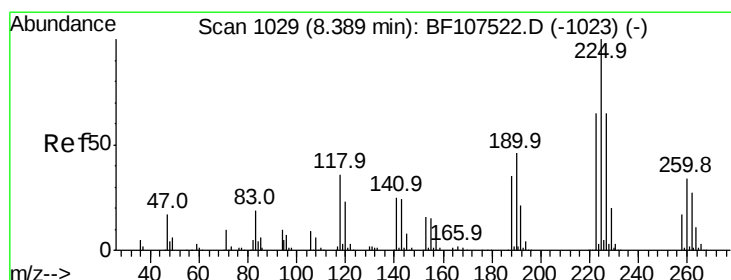
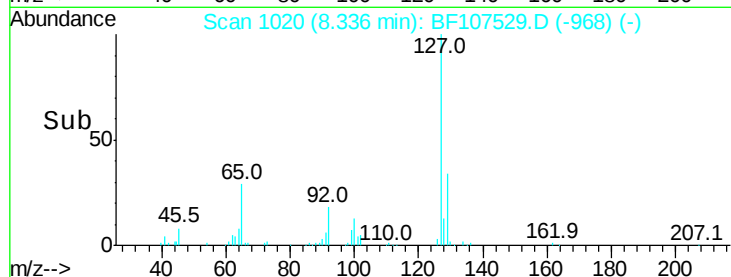
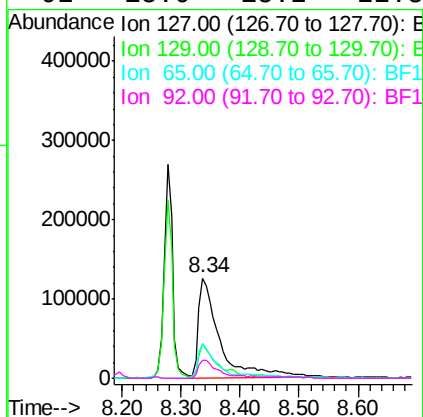
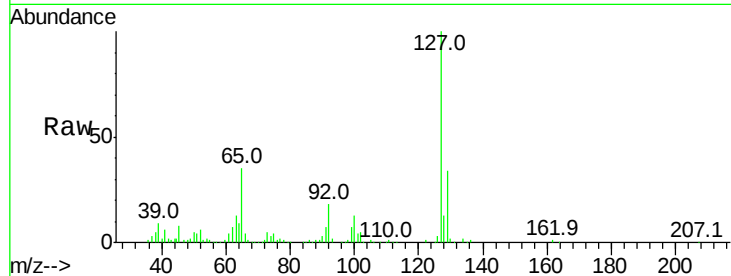
#33
4-Chloroaniline
Concen: 15.020 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.0	25.9	38.9	
65	35.0	25.0	37.4	
92	18.0	15.2	22.8	

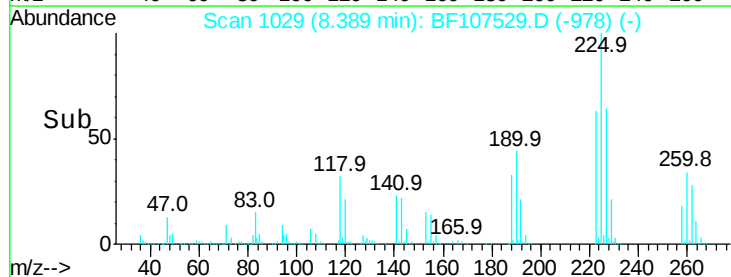
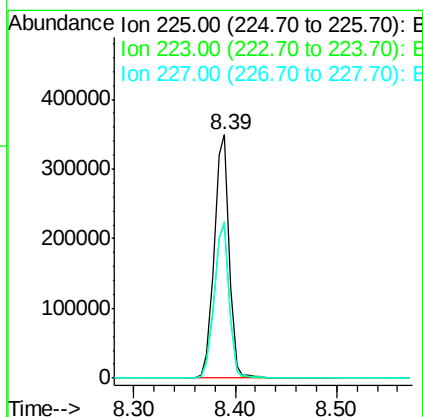
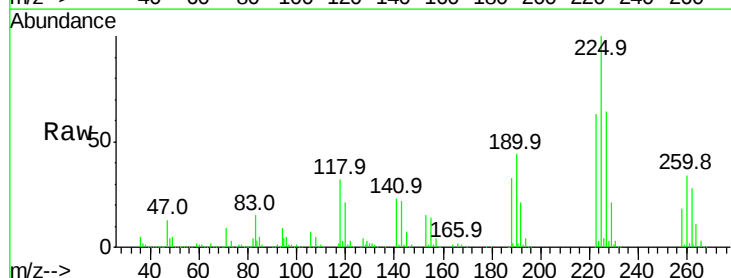
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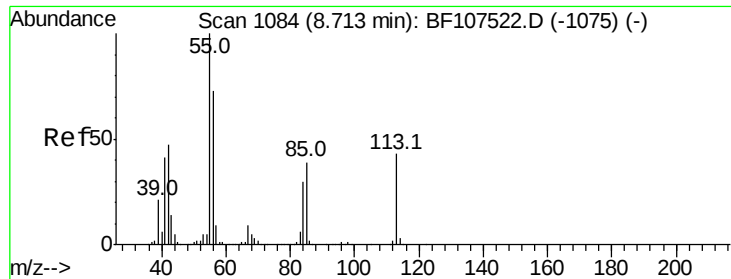
Sohil
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#34
Hexachlorobutadiene
Concen: 34.813 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.6	76.0	
227	64.4	51.9	77.9	





#35

Caprolactam

Concen: 40.833 ng/ml

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:113 Resp: 205904

Ion Ratio Lower Upper

113 100

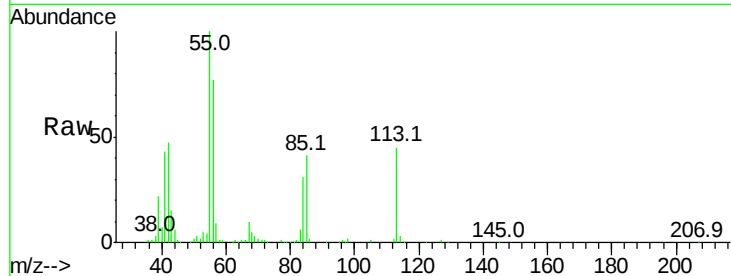
55 224.2 163.3 203.3#

56 173.3 115.7 155.7#

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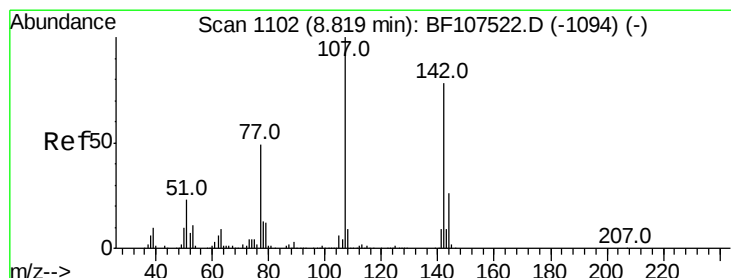
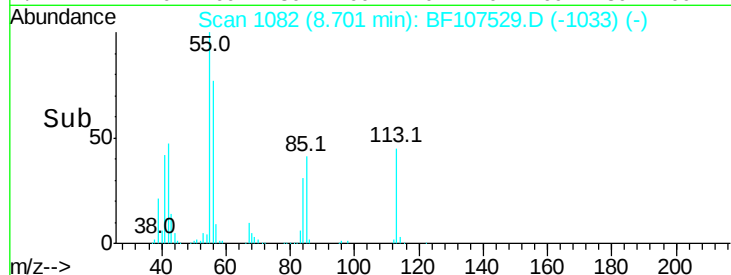
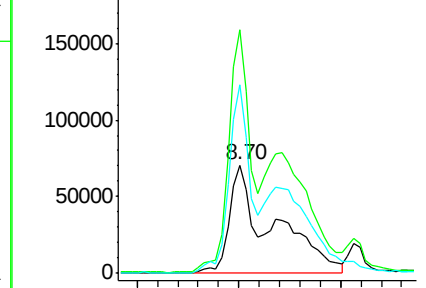
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.784 ng/ml

RT: 8.81 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

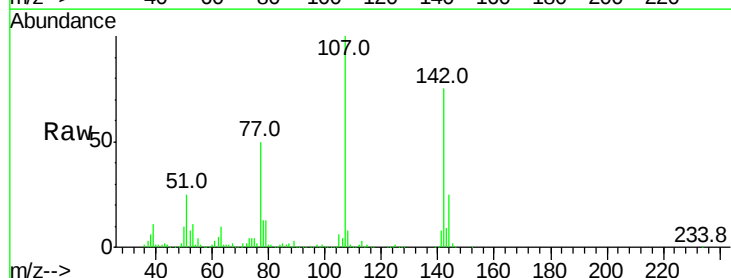
Tgt Ion:107 Resp: 685134

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

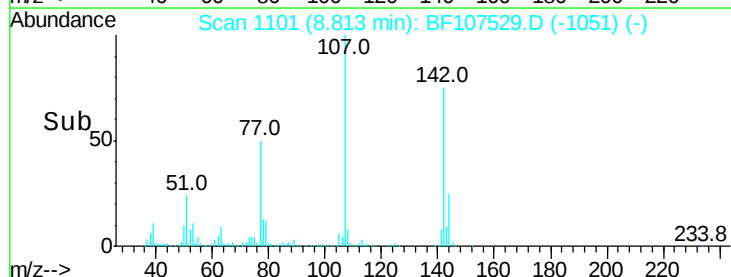
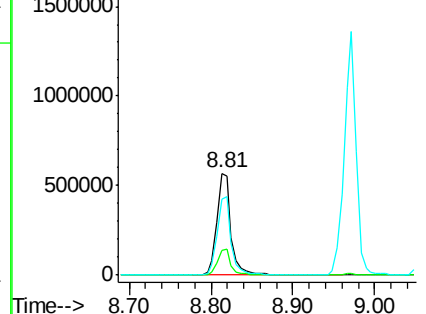
142 74.9 62.0 93.0

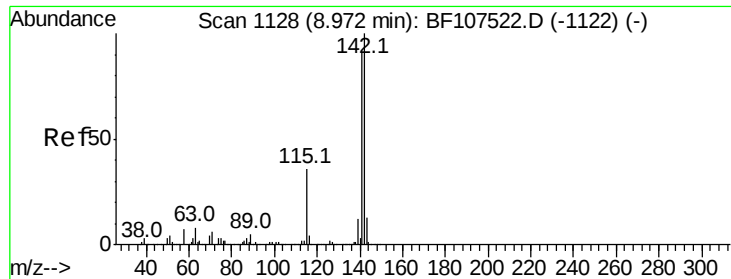


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





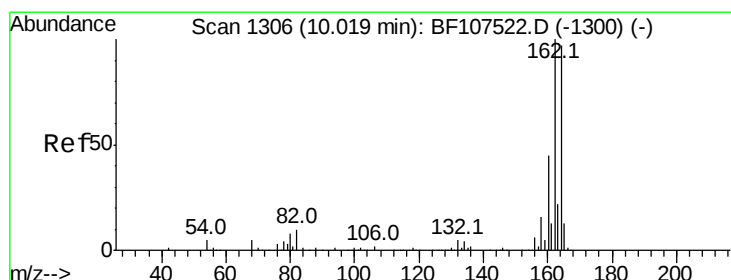
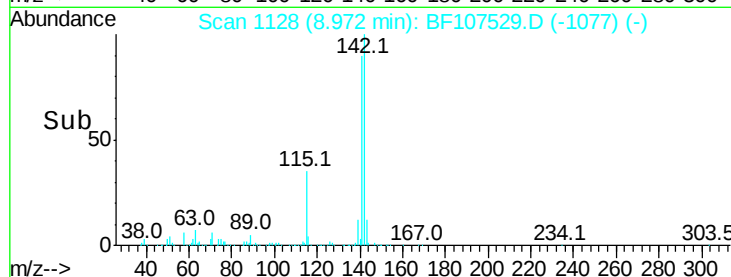
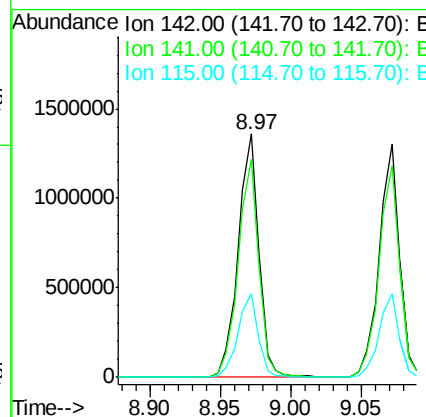
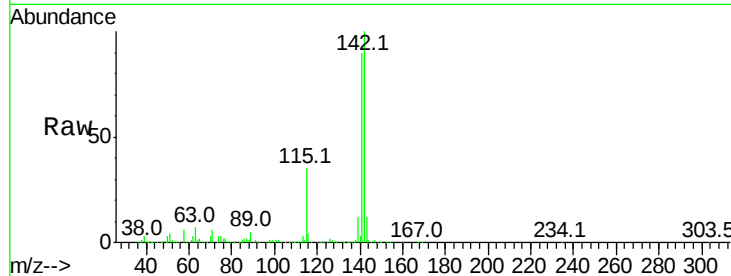
#37
2-Methylnaphthalene
Concen: 40.750 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.5	26.1	39.1

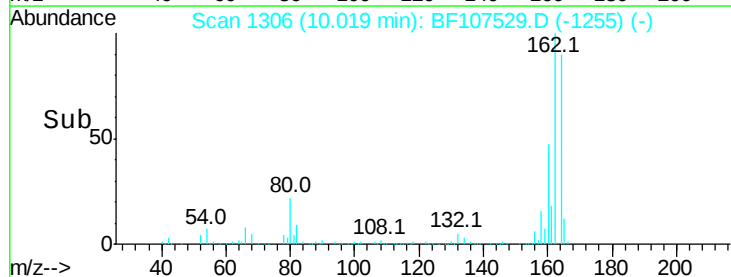
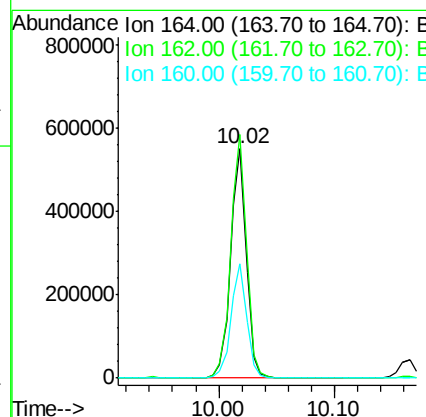
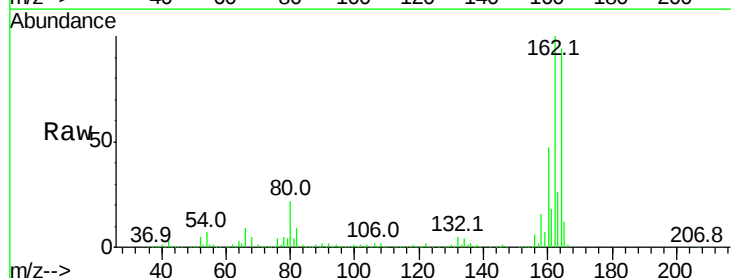
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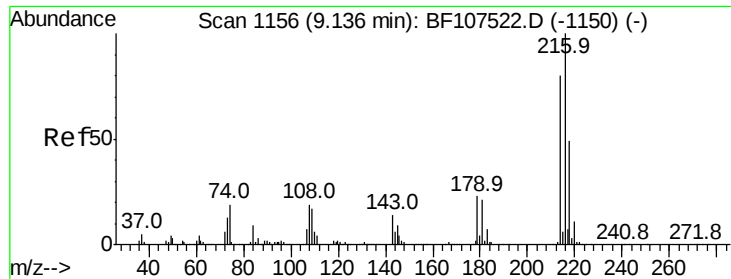
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	49.6	38.3	57.5





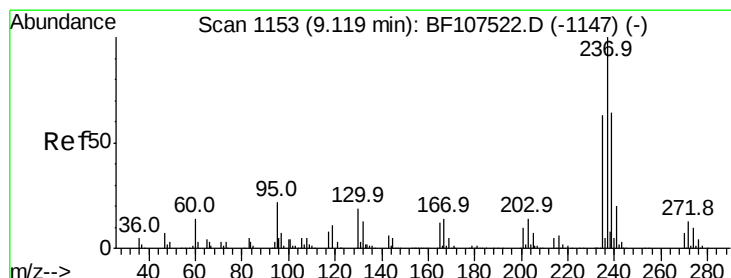
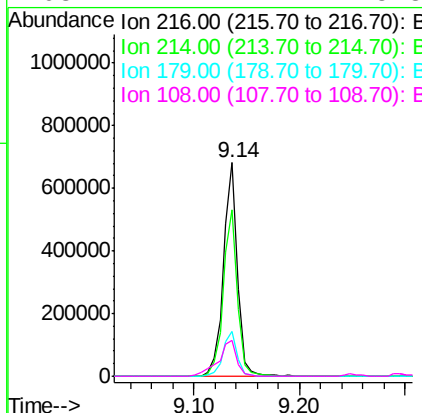
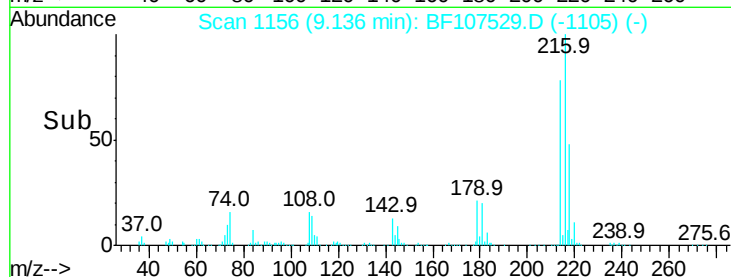
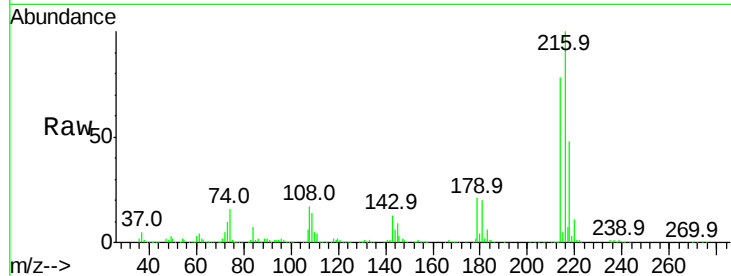
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.428 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	630569		
214	78.9	63.0	94.4	
179	21.2	18.1	27.1	
108	21.7	17.2	25.8	

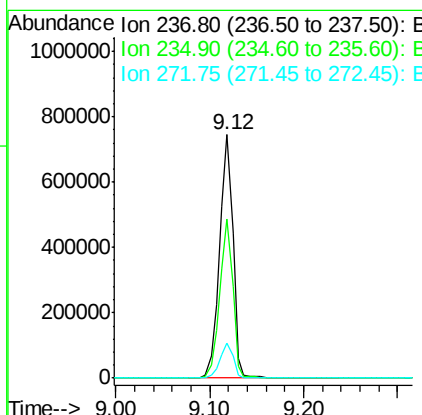
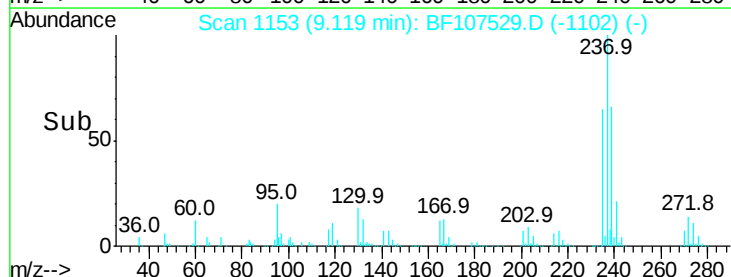
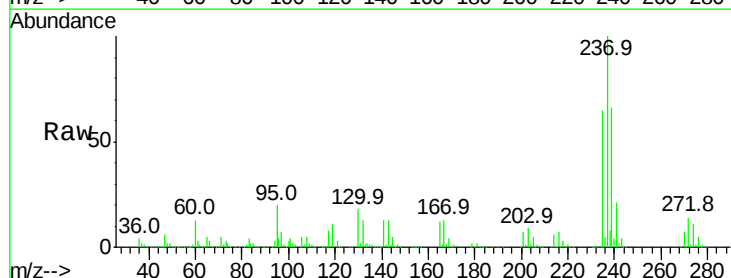
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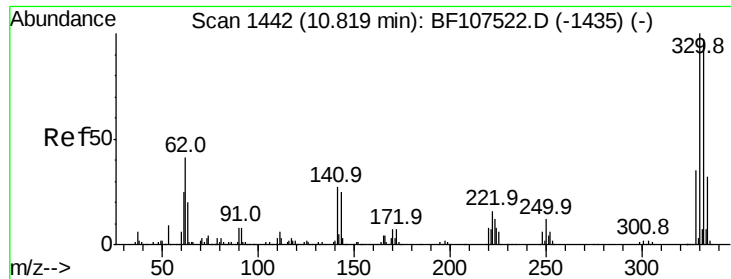
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#40
 Hexachlorocyclopentadiene
 Concen: 84.657 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	744925		
235	65.3	44.8	84.8	
272	14.3	0.0	33.3	





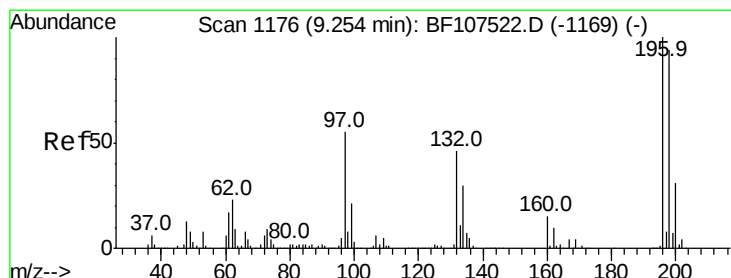
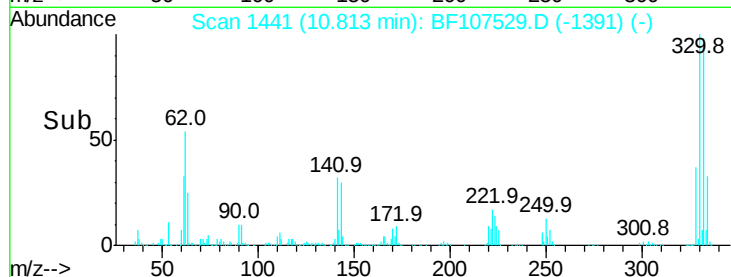
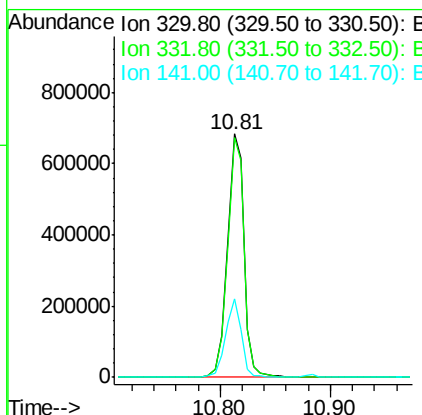
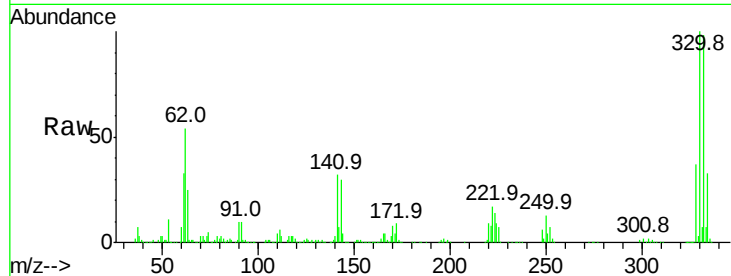
#41
 2,4,6-Tribromophenol
 Concen: 122.322 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampled :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	30.6	29.9	44.9

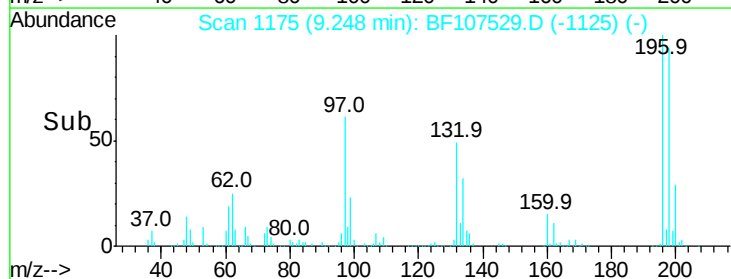
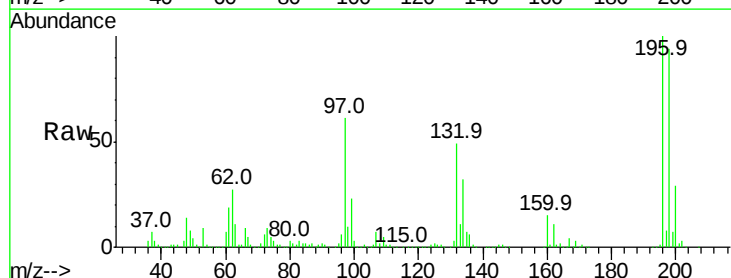
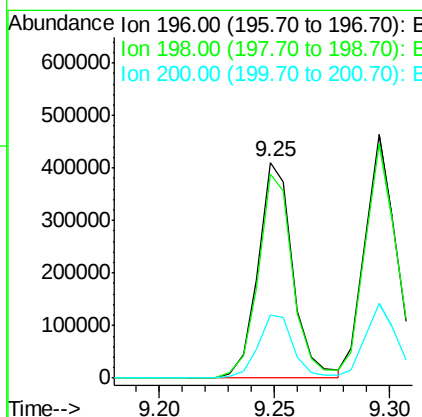
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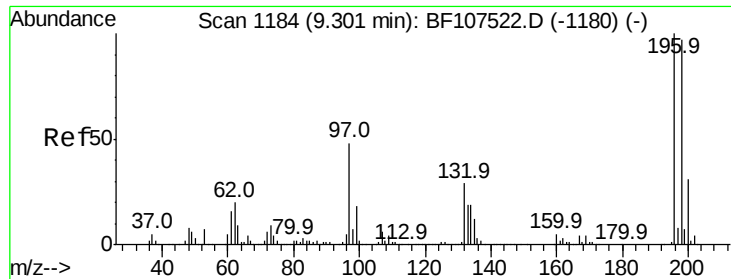
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 39.066 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	29.4	24.5	36.7





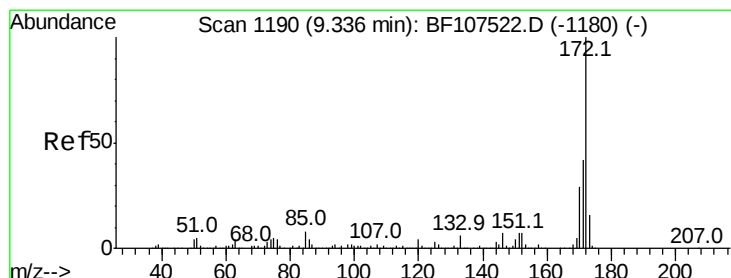
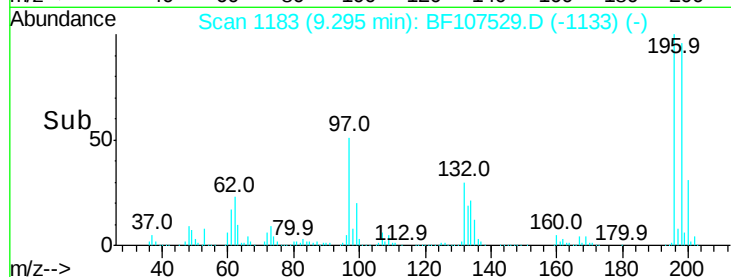
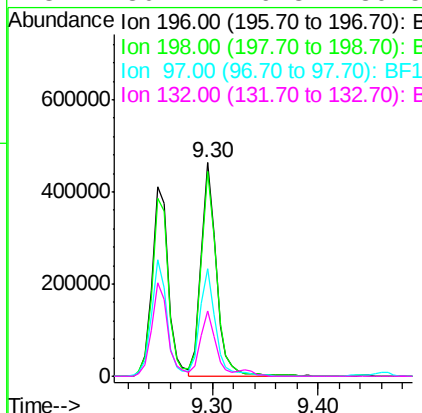
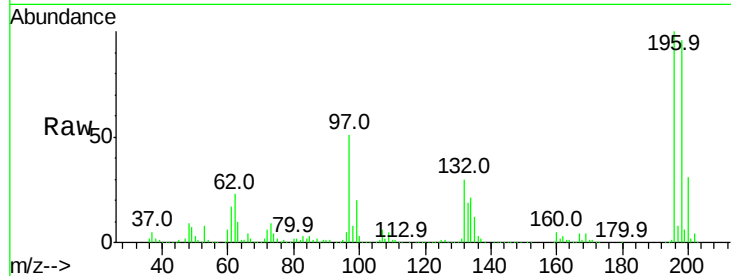
#43
 2,4,5-Trichlorophenol
 Concen: 39.812 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	461023		
198	96.1	74.6	112.0	
97	50.6	42.9	64.3	
132	30.4	26.3	39.5	

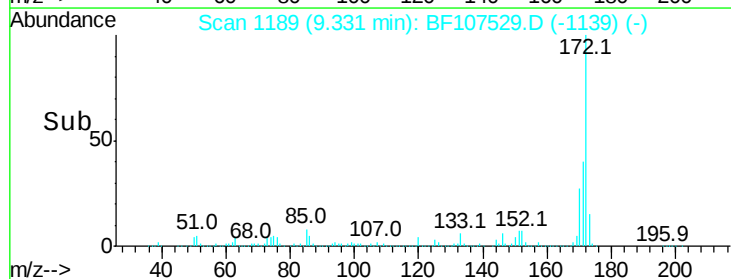
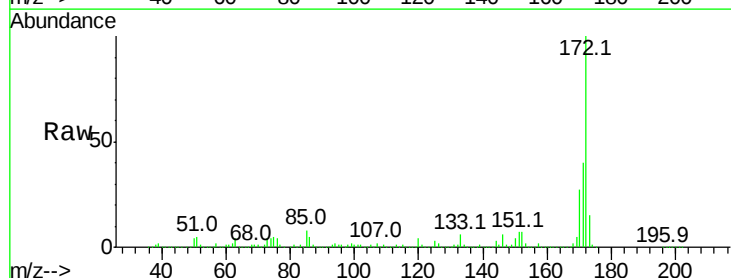
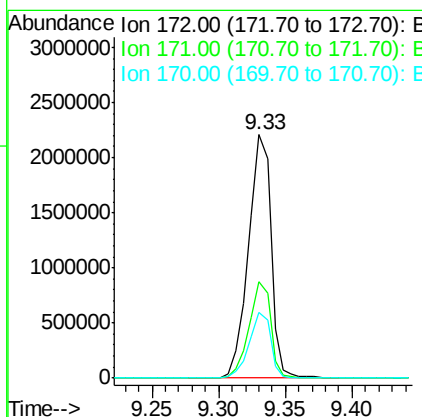
Manual Integrations
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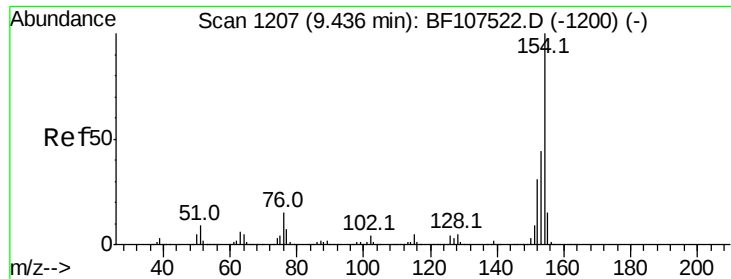
Sohil
 7/23/2018 12:44:31 PM



#44
 2-Fluorobiphenyl
 Concen: 84.596 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2566844		
171	39.8	29.7	44.5	
170	26.9	19.6	29.4	





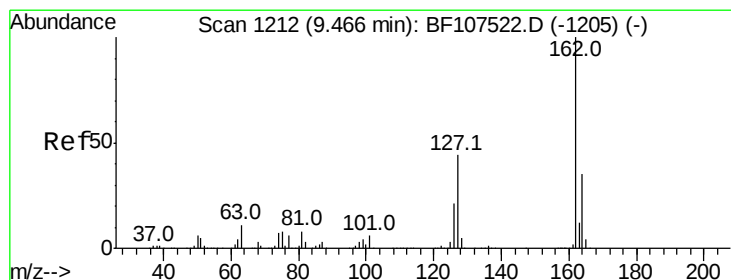
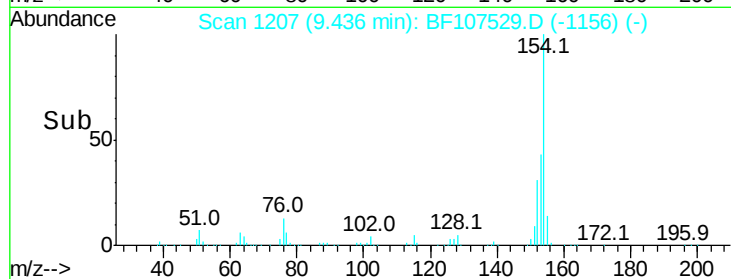
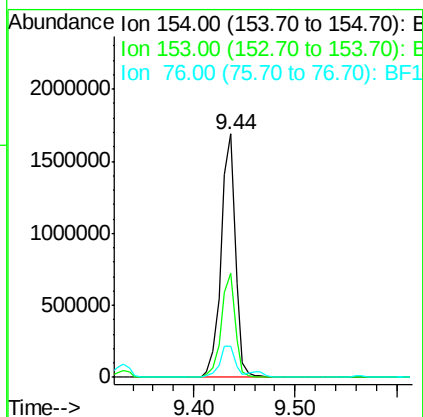
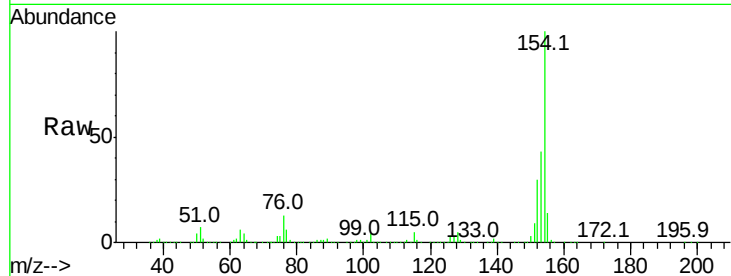
#45
 1,1'-Biphenyl
 Concen: 36.714 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.3	61.3
76	13.0	0.0	34.0

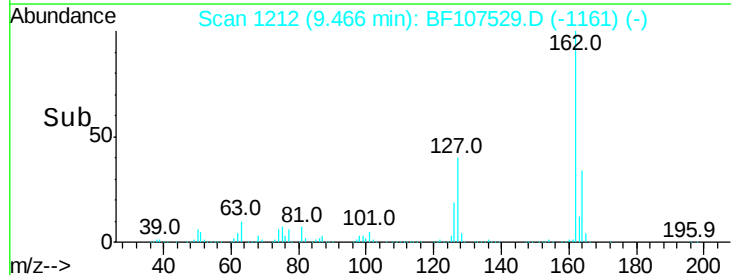
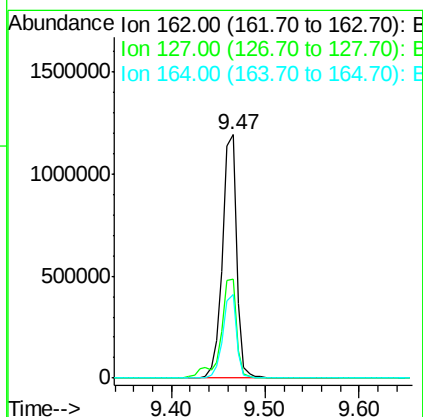
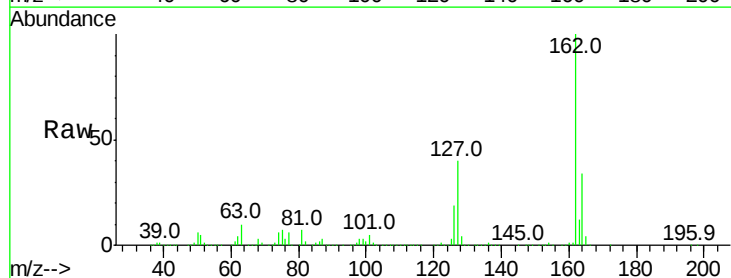
Manual Integrations
 APPROVED

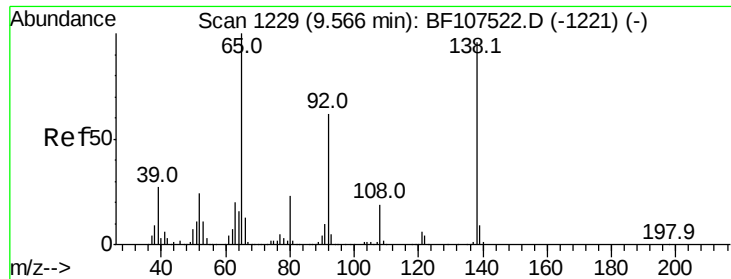
Sohil
 7/23/2018 12:44:31 PM



#46
 2-Chloronaphthalene
 Concen: 36.505 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	34.3	26.5	39.7





#47

2-Nitroaniline

Concen: 44.764 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

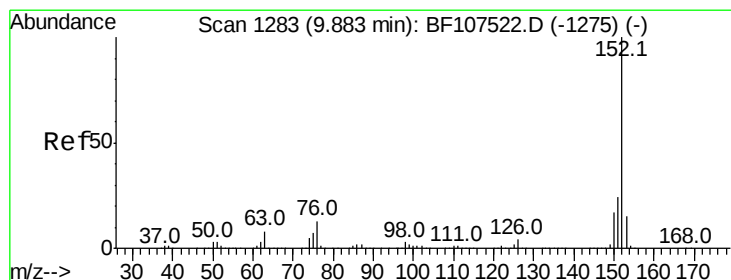
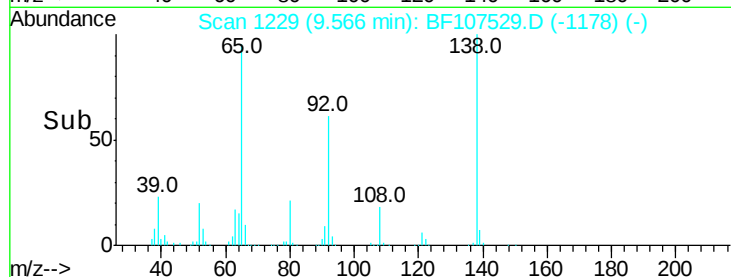
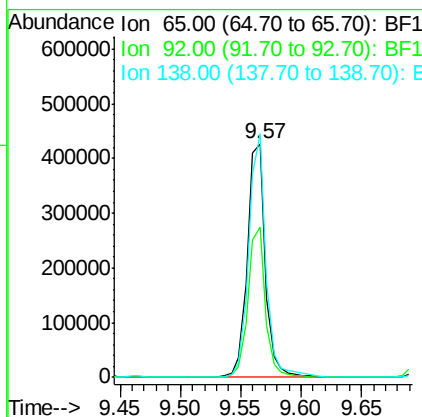
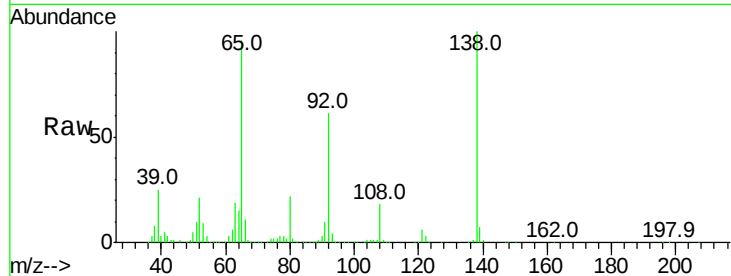
ClientSampleId :

PB111134BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	55.8	83.6
138	104.3	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 39.720 ng

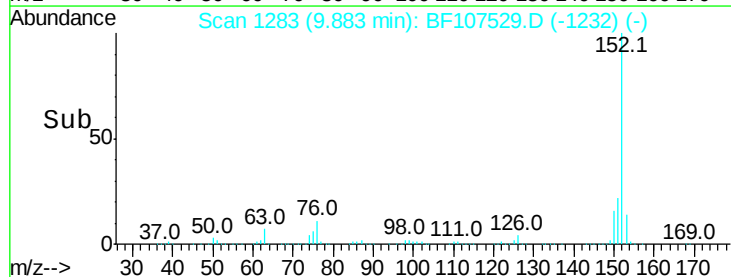
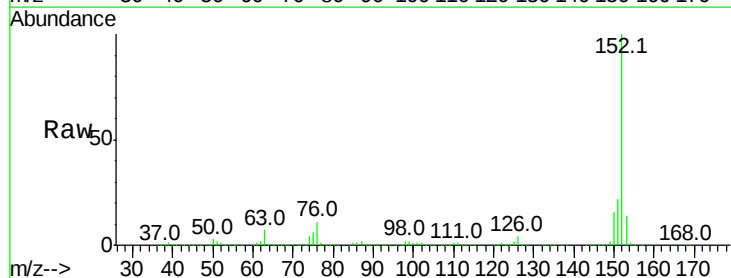
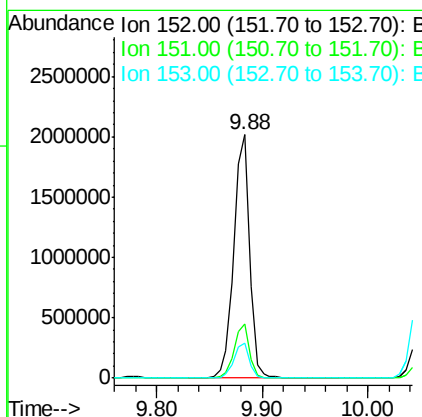
RT: 9.88 min Scan# 1283

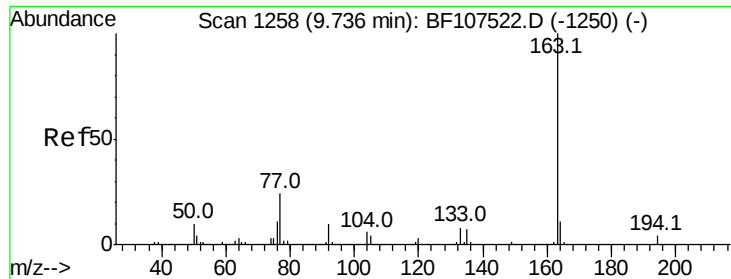
Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.3	24.5
153	14.3	10.7	16.1





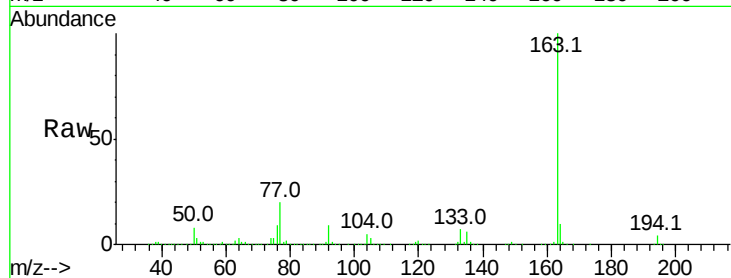
#49
Dimethylphthalate
Concen: 38.276 ng
RT: 9.74 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

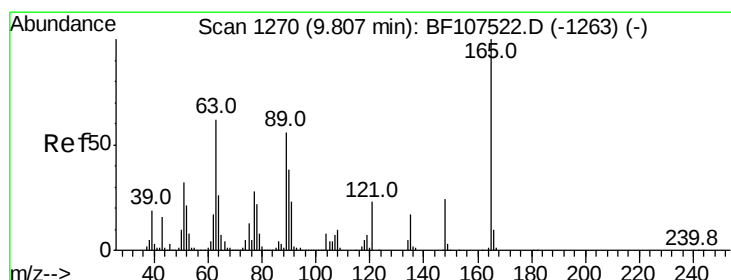
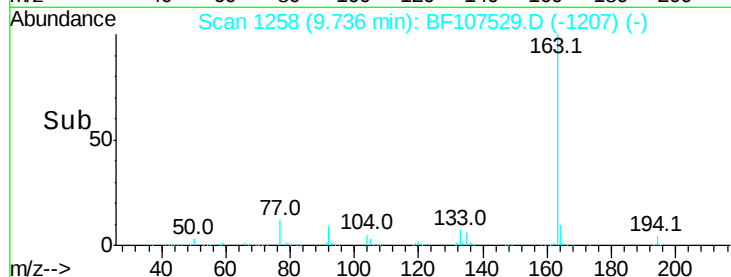
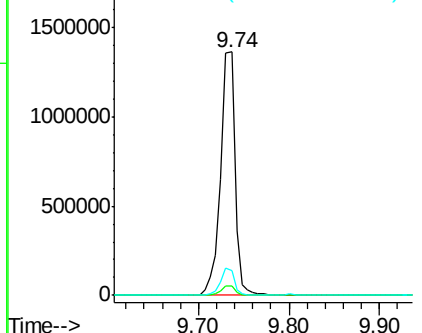
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.2	8.2	12.2

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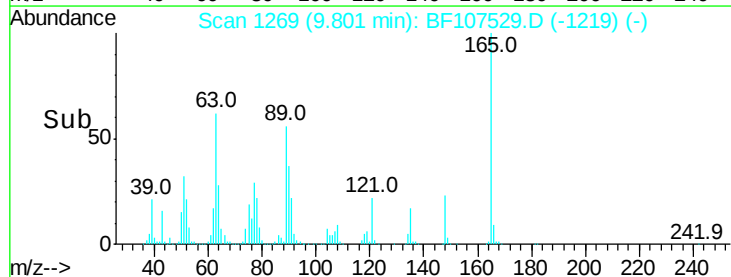
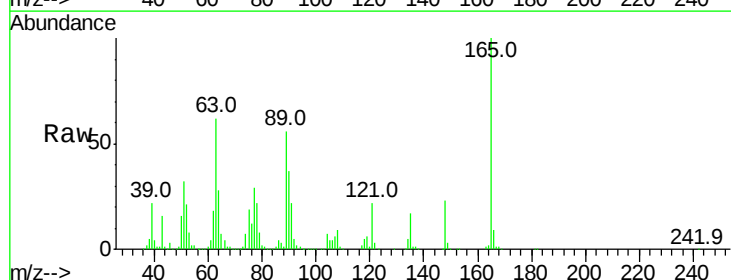
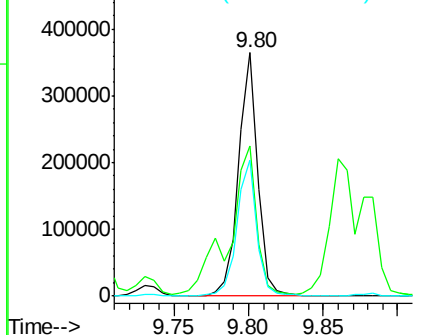
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

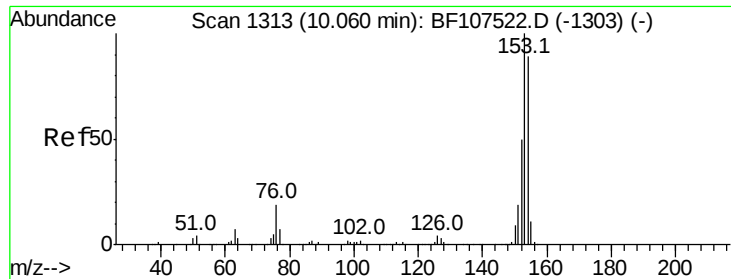


#50
2,6-Dinitrotoluene
Concen: 42.574 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	44.7	67.1
89	56.0	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: 37.509 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:154 Resp: 1219976

Ion Ratio Lower Upper

154 100

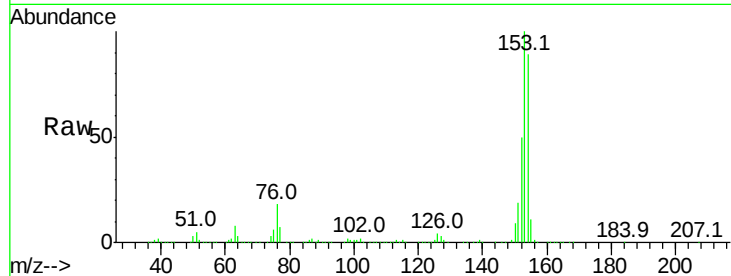
153 111.8 91.2 136.8

152 55.9 43.8 65.8

Manual Integrations
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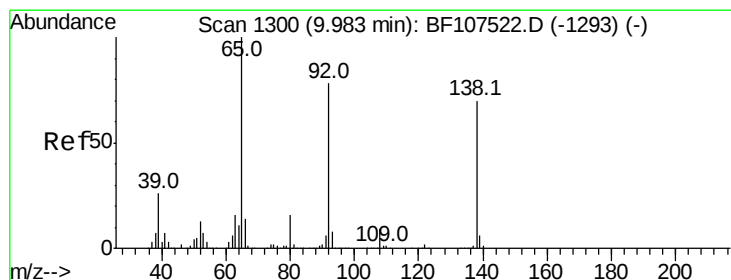
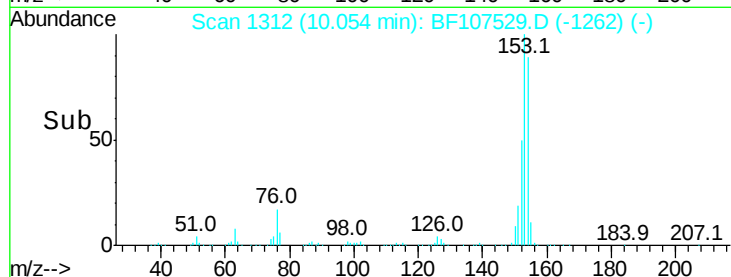
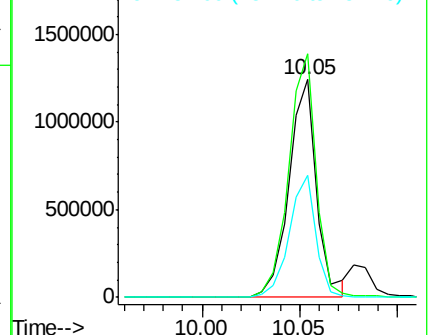
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.609 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

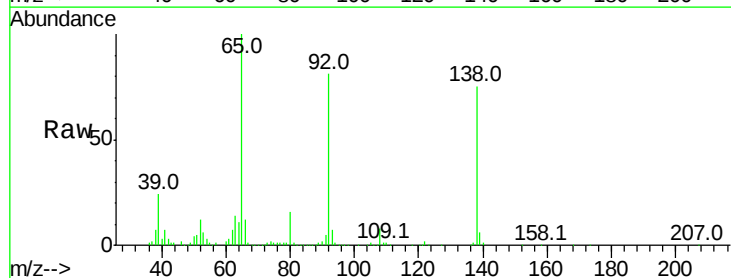
Tgt Ion:138 Resp: 241936

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

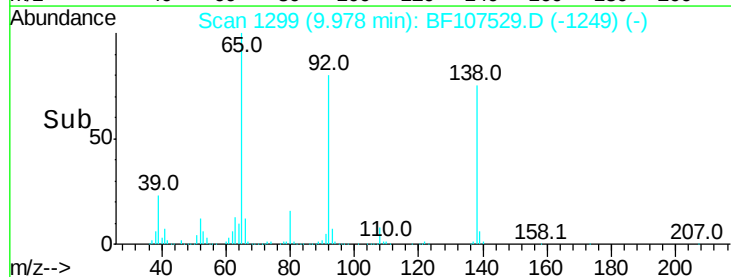
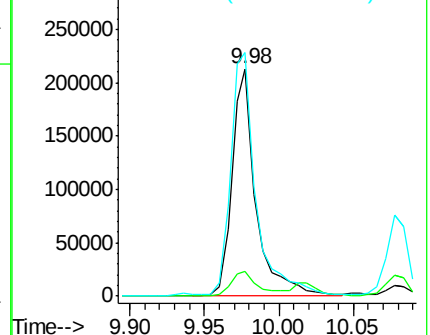
92 107.0 89.4 134.2

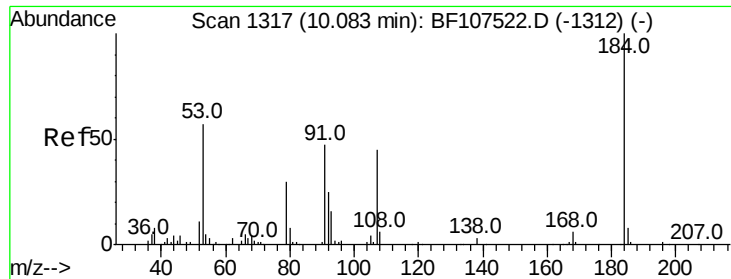


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





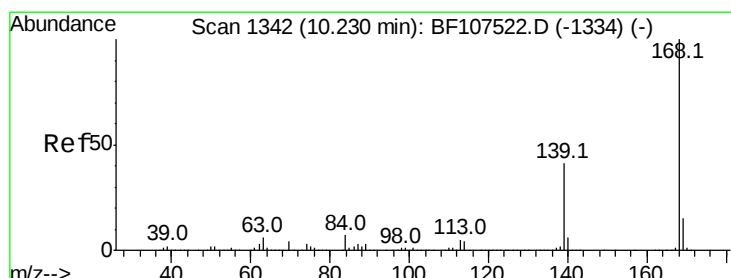
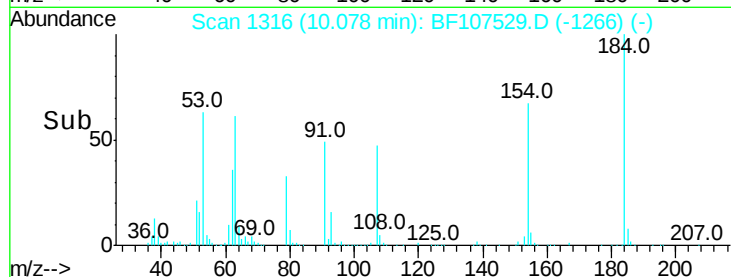
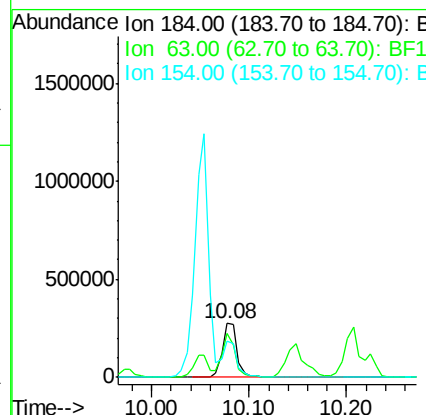
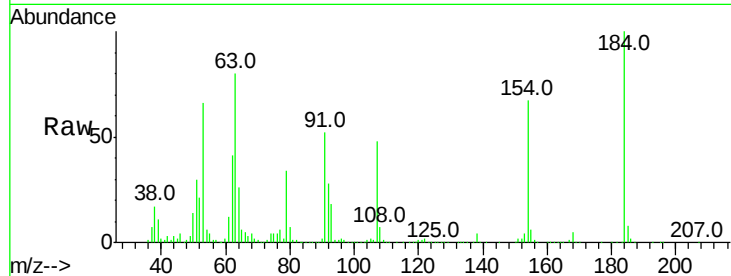
#53
2,4-Dinitrophenol
Concen: 80.283 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	294675		
63	80.3	54.2	81.2	
154	67.3	184.0	276.0	

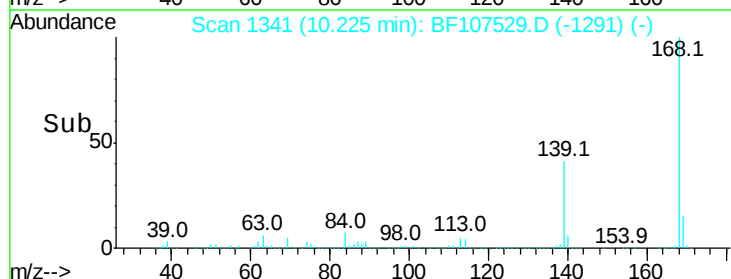
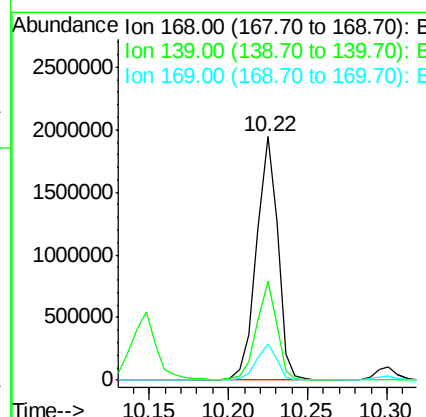
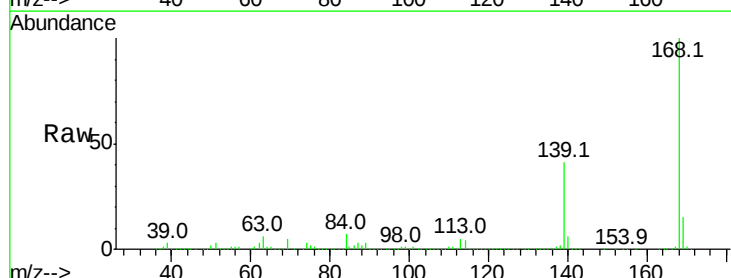
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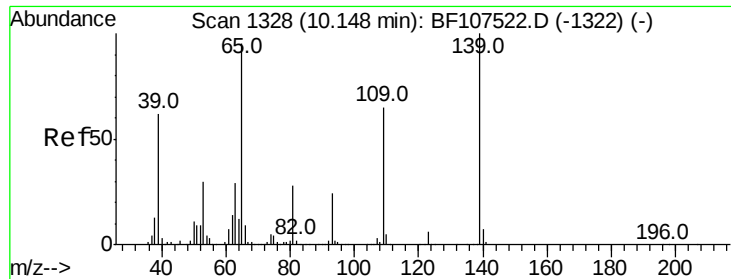
Sohil
7/23/2018 12:44:31 PM



#54
Dibenzofuran
Concen: 37.978 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1818484		
139	40.5	30.1	45.1	
169	14.6	10.9	16.3	





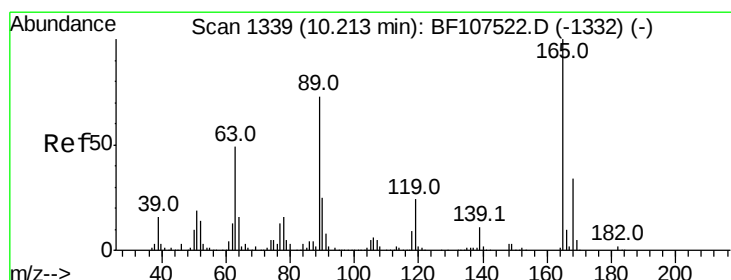
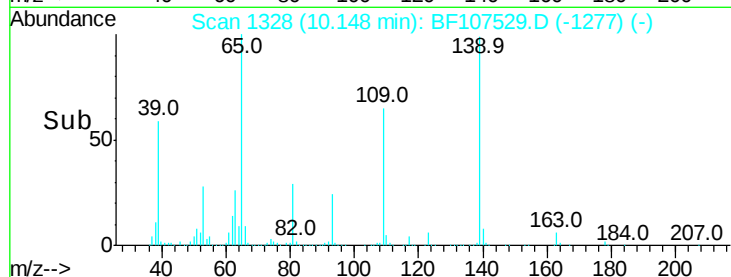
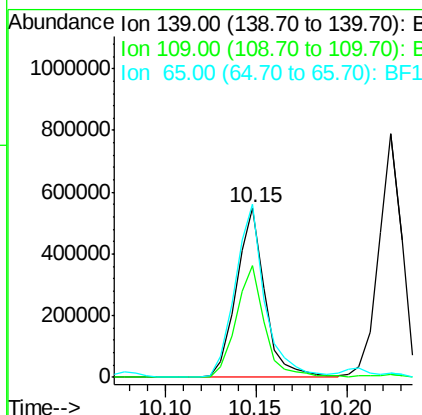
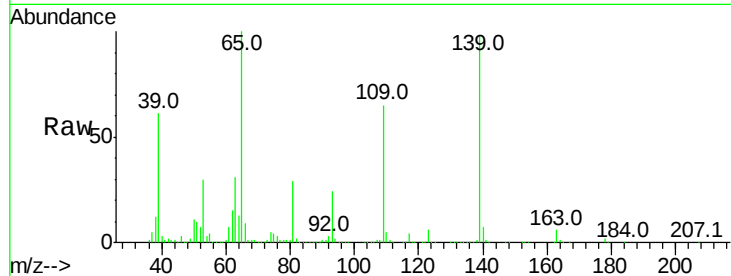
#55
4-Nitrophenol
Concen: 84.956 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.9	48.4	88.4	
65	101.7	72.6	112.6	

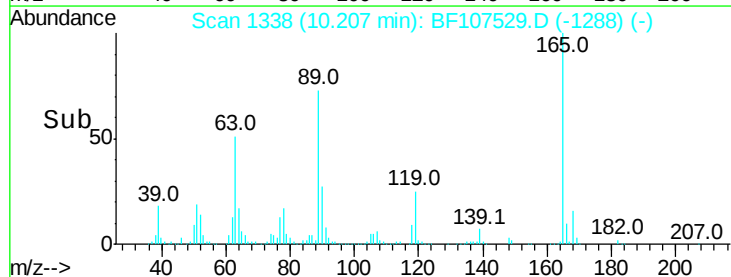
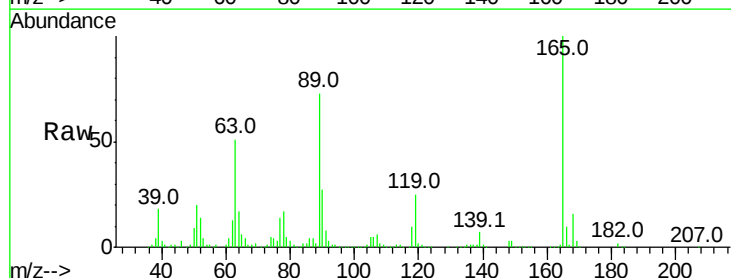
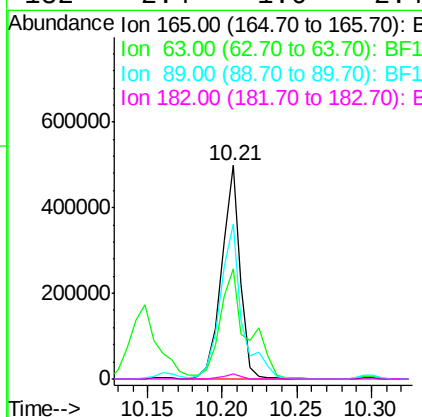
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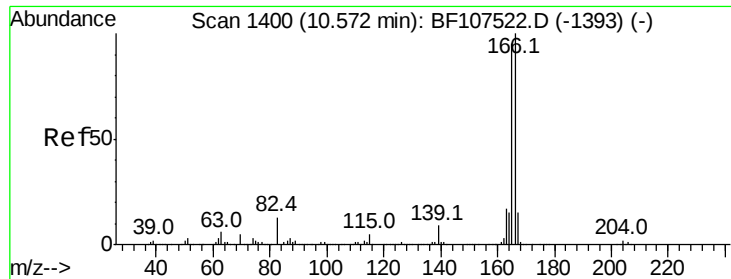
Sohil
7/23/2018 12:44:31 PM



#56
2,4-Dinitrotoluene
Concen: 46.521 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.3	36.4	54.6	
89	72.6	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 41.949 ng

RT: 10.57 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:166 Resp: 1432999

Ion Ratio Lower Upper

166 100

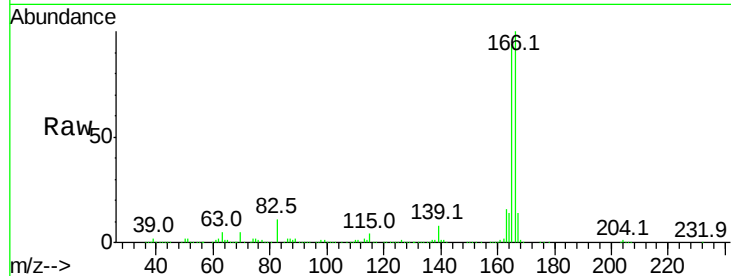
165 94.4 79.8 119.8

167 14.1 10.6 16.0

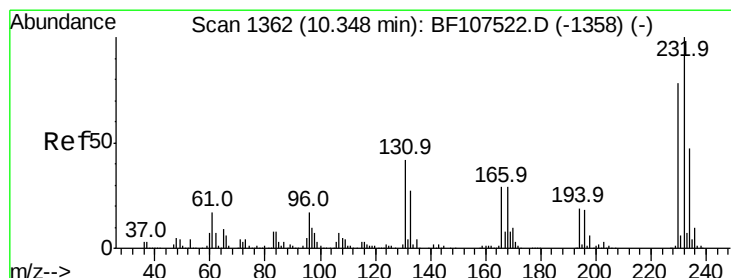
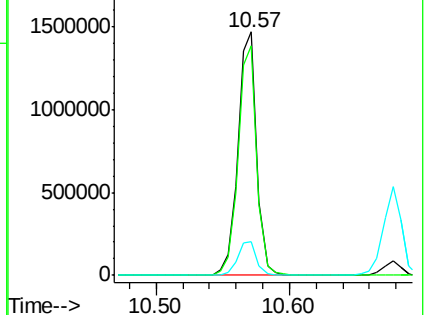
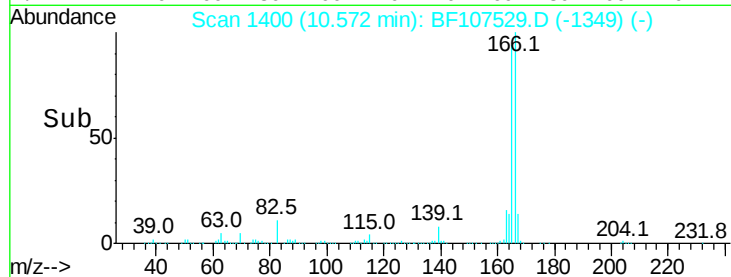
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
2000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.131 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Tgt Ion:232 Resp: 406040

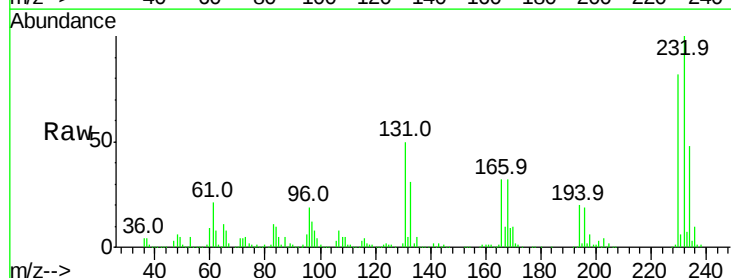
Ion Ratio Lower Upper

232 100

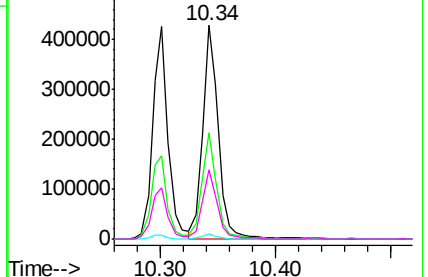
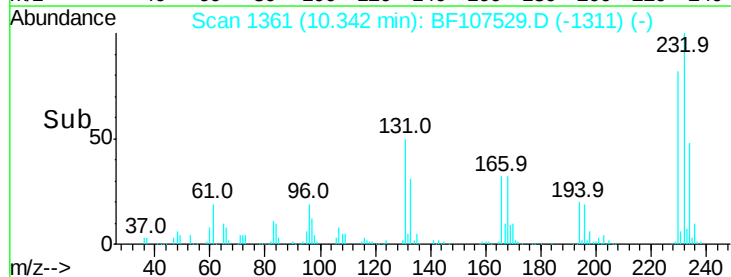
131 47.6 43.8 65.8

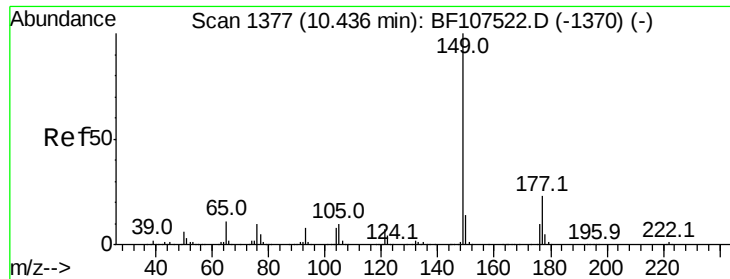
130 2.4 2.1 3.1

166 31.2 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
600000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





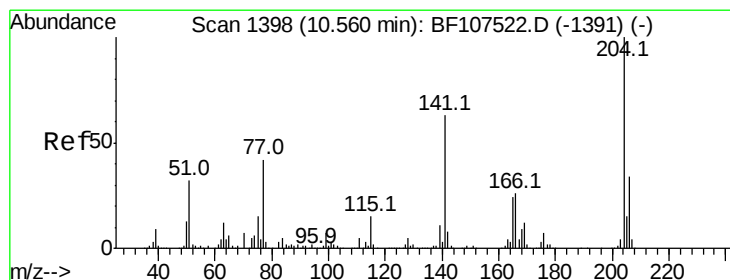
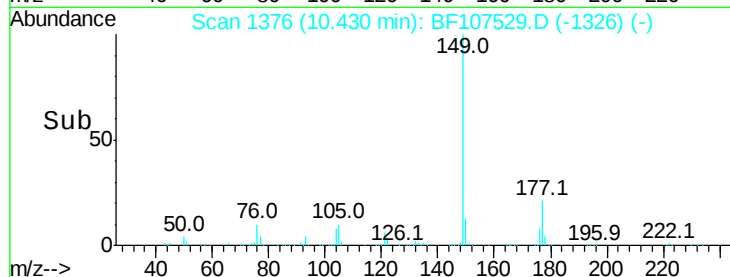
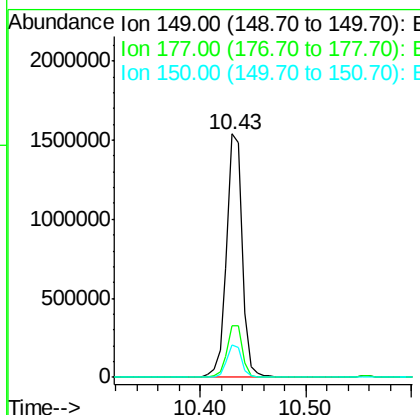
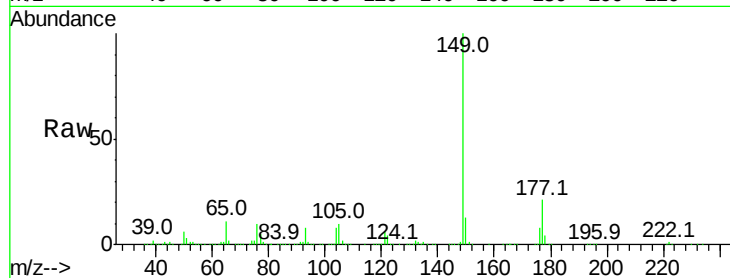
#59
Diethylphthalate
Concen: 38.884 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	13.4	10.1	15.1

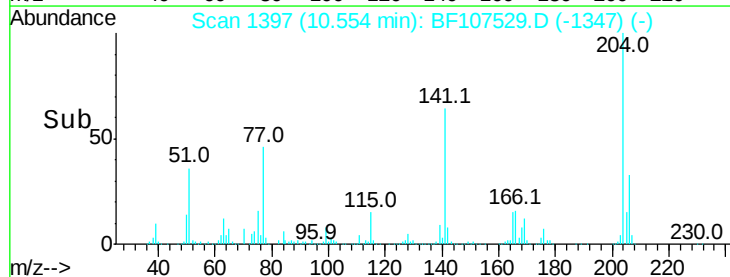
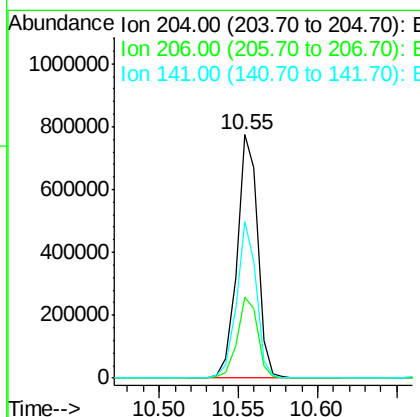
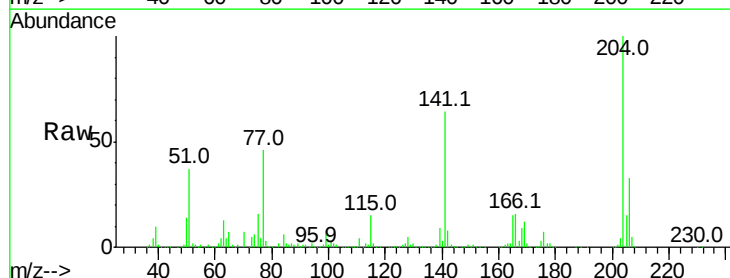
Manual Integrations
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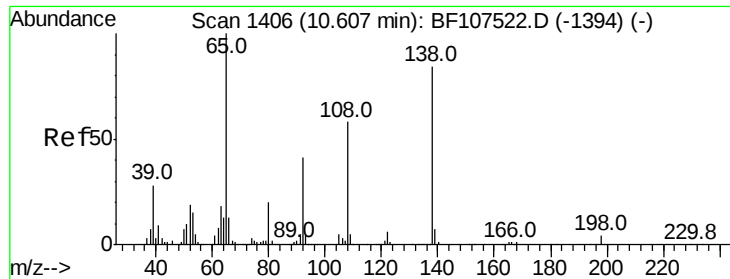
Sohil
7/23/2018 12:44:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.170 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	64.4	54.6	81.8





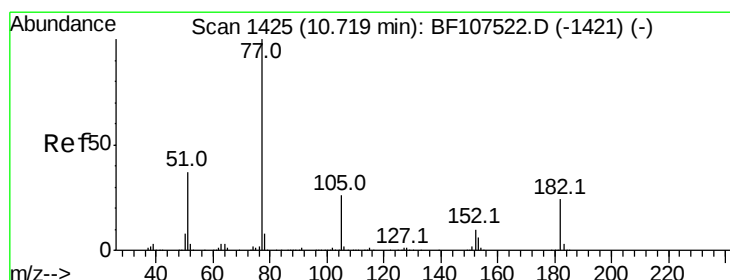
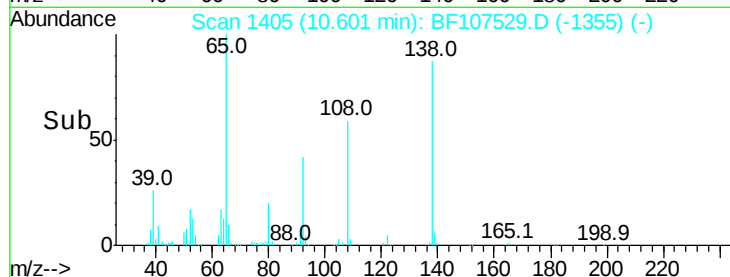
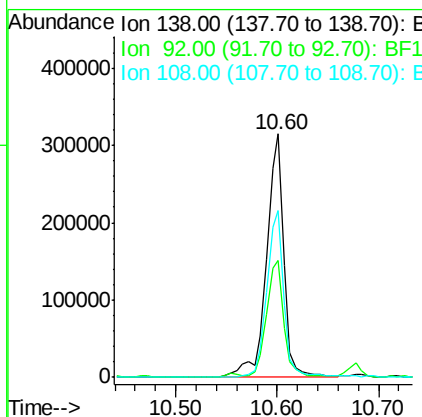
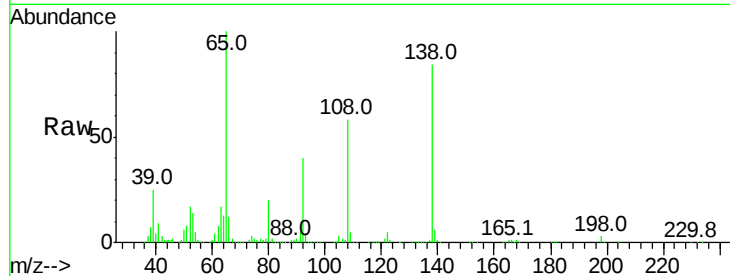
#61
4-Nitroaniline
Concen: 47.789 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	68.7	52.5	92.5

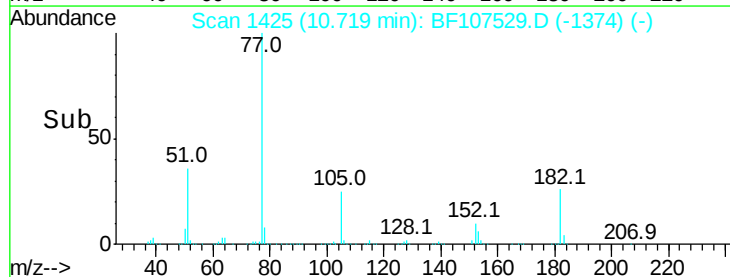
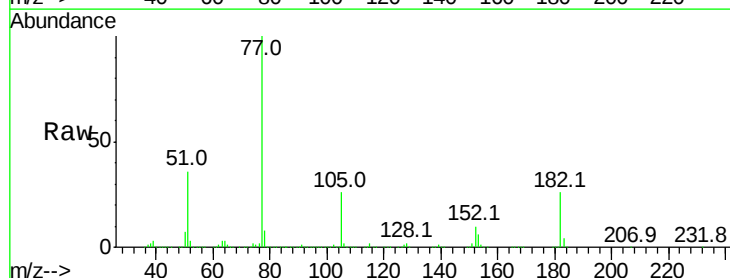
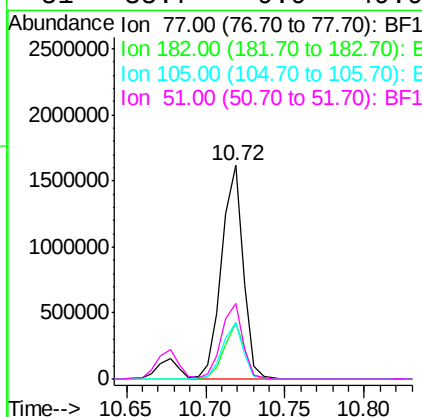
Manual Integrations
APPROVED

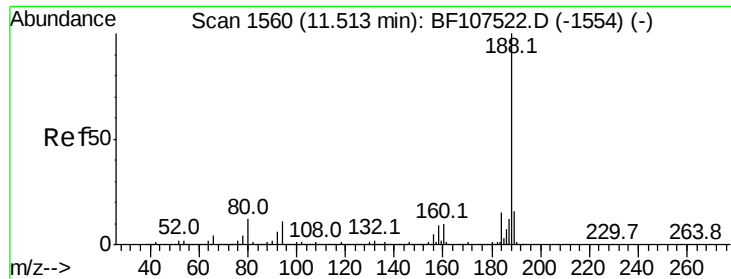
Sohil
7/23/2018 12:44:31 PM



#62
Azobenzene
Concen: 39.784 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	26.2	3.0	43.0
51	35.7	9.9	49.9





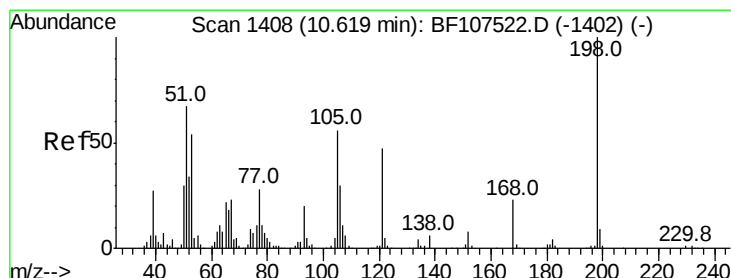
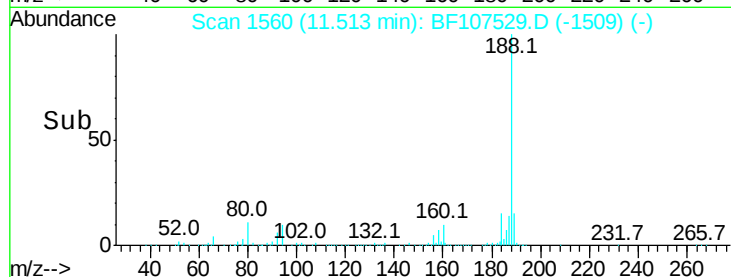
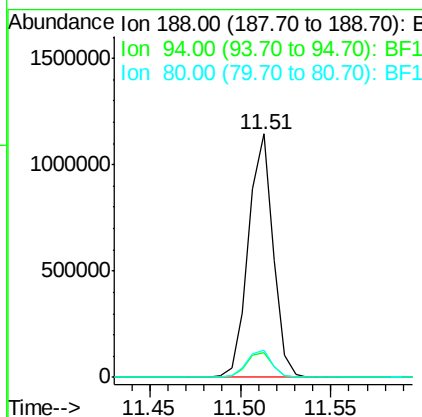
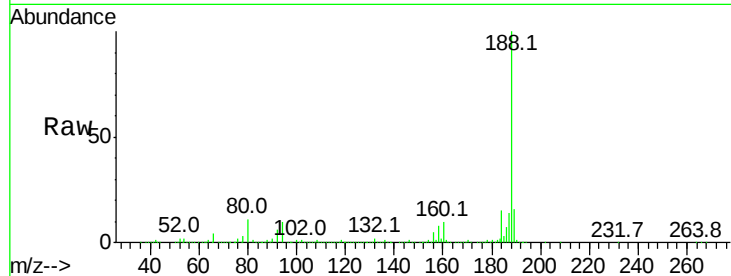
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.4	9.2	13.8

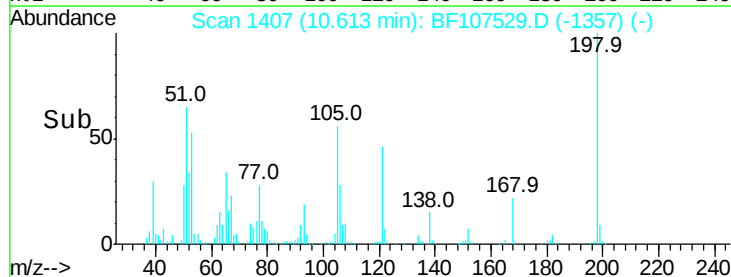
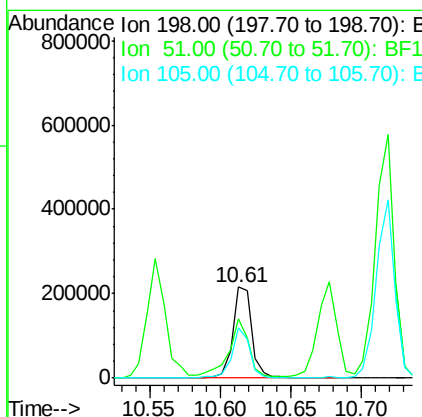
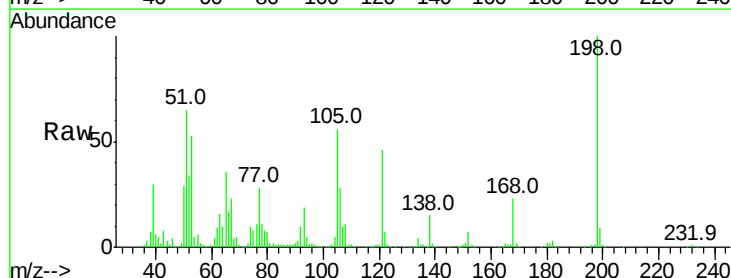
Manual Integrations
APPROVED

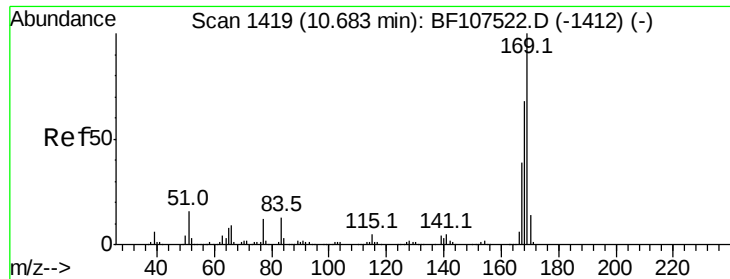
Sohil
7/23/2018 12:44:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.360 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
198	100		
51	65.4	37.7	77.7
105	56.2	36.3	76.3





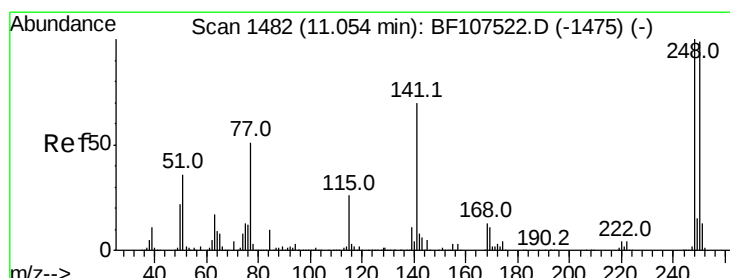
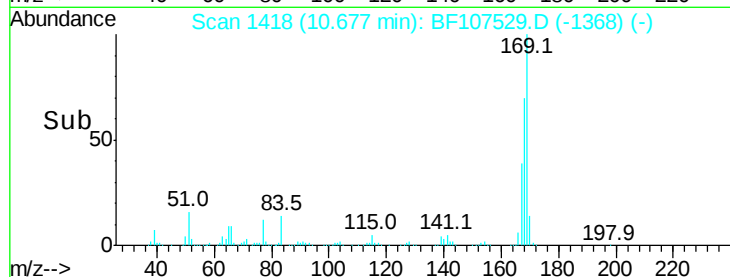
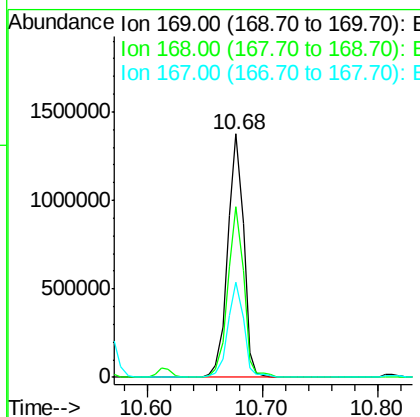
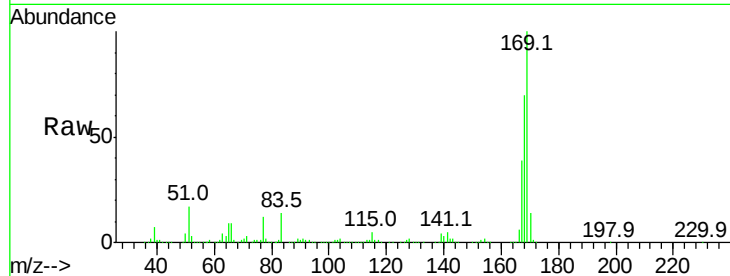
#65
n-Nitrosodiphenylamine
Concen: 35.747 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion:169 Resp: 1311292
Ion Ratio Lower Upper
169 100
168 70.1 54.4 81.6
167 39.1 29.8 44.6

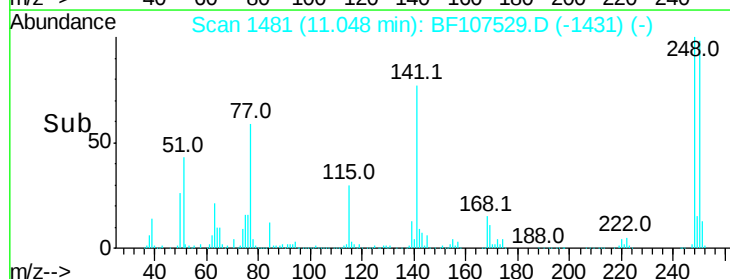
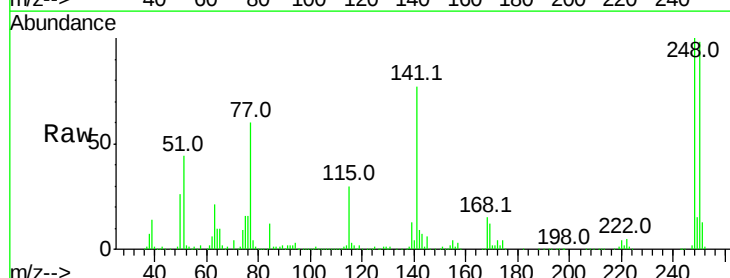
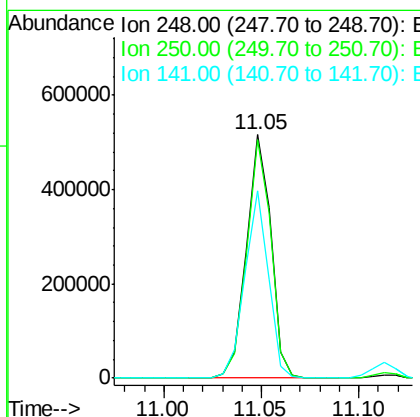
Manual Integrations
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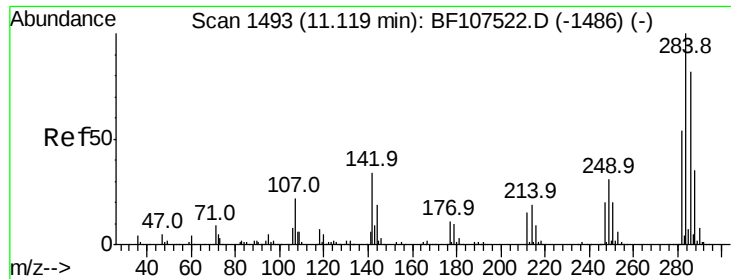
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 35.382 ng
RT: 11.05 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion:248 Resp: 449871
Ion Ratio Lower Upper
248 100
250 97.7 76.9 115.3
141 76.8 74.4 111.6





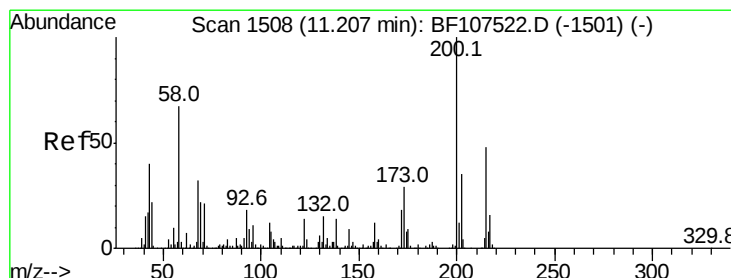
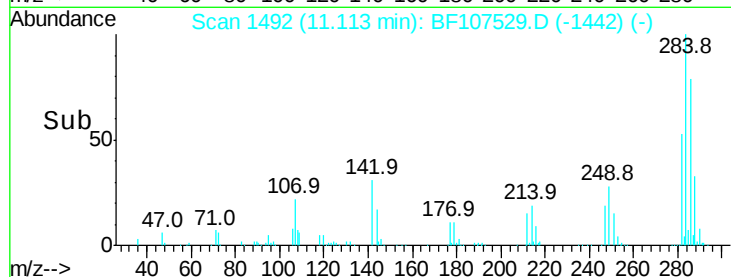
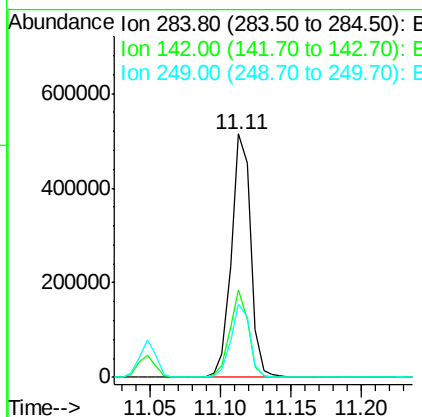
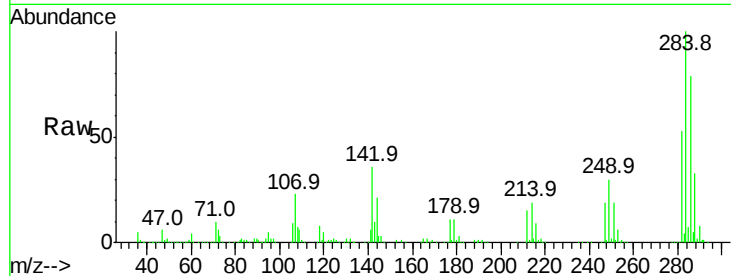
#67
Hexachlorobenzene
Concen: 35.080 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.1	34.6	52.0	
249	30.0	24.8	37.2	

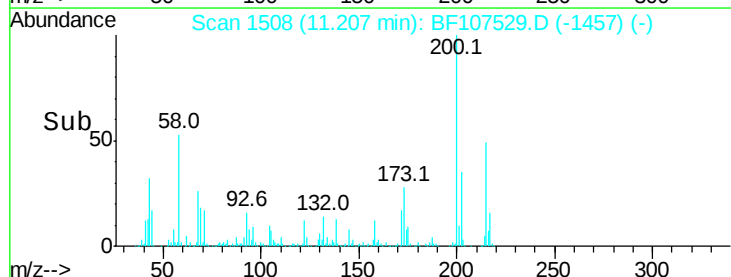
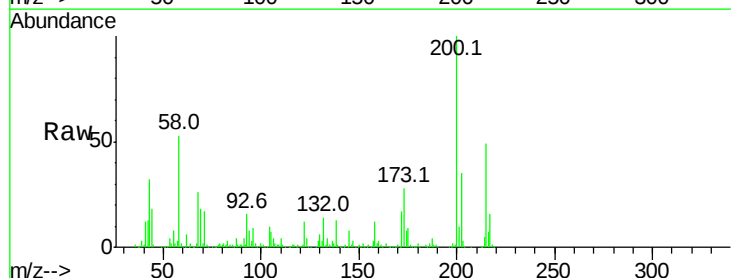
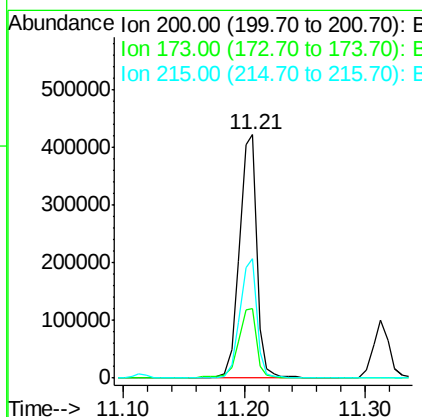
Manual Integrations
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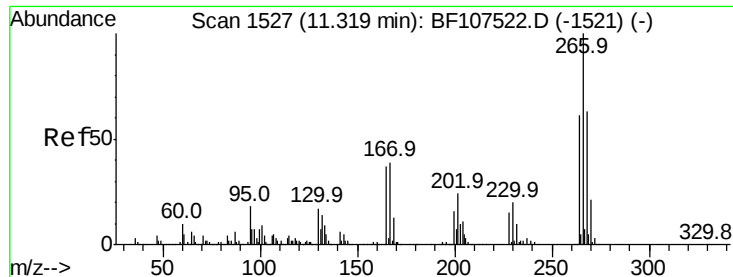
Sohil
7/23/2018 12:44:31 PM



#68
Atrazine
Concen: 38.131 ng
RT: 11.21 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	8.6	48.6	
215	49.2	25.1	65.1	





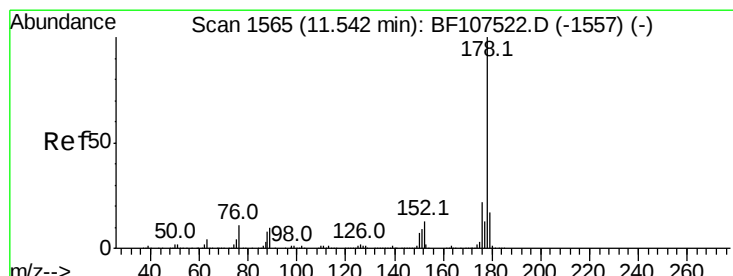
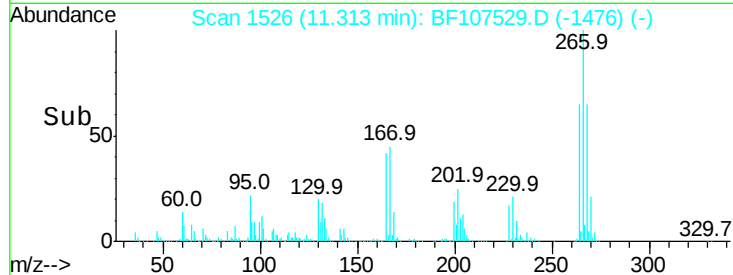
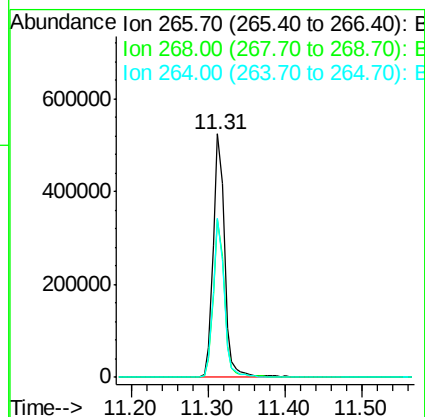
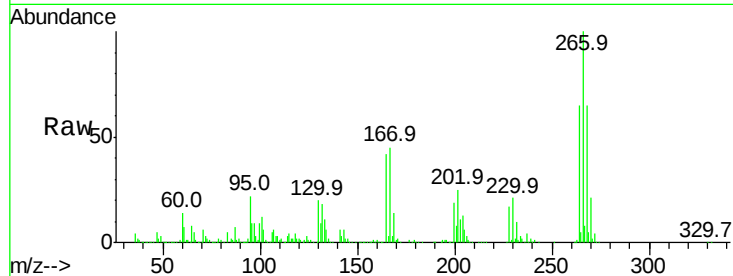
#69
 Pentachlorophenol
 Concen: 61.611 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion:	266	Resp:	538382
Ion Ratio		Lower	Upper
266	100		
268	64.6	51.1	76.7
264	65.1	49.5	74.3

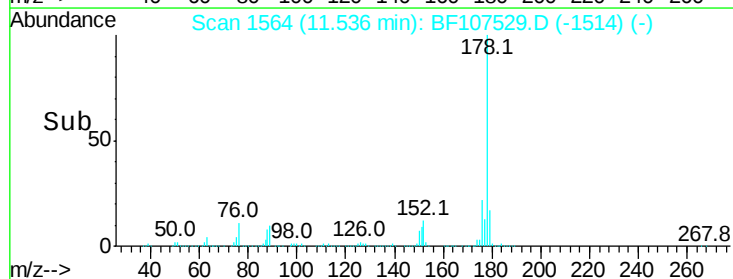
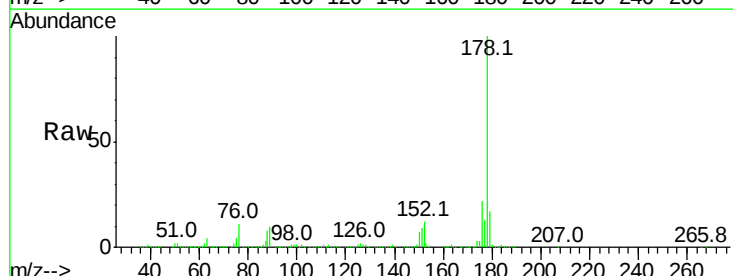
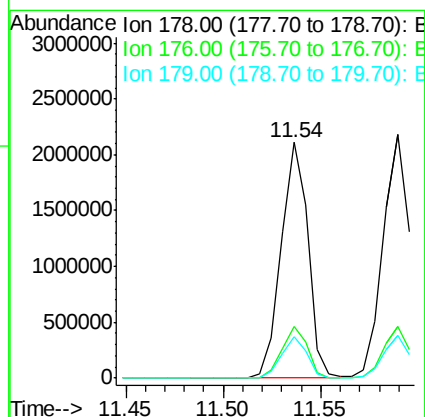
Manual Integrations
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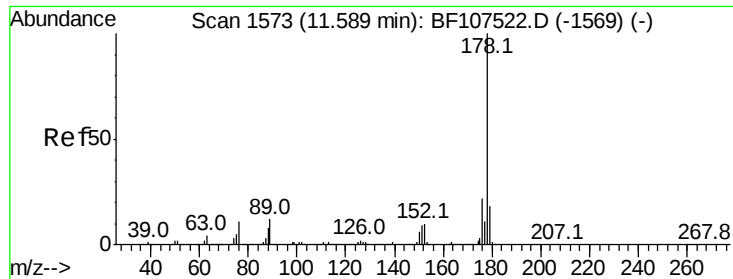
Sohil
 7/23/2018 12:44:31 PM



#70
 Phenanthrene
 Concen: 38.171 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion:	178	Resp:	2009060
Ion Ratio		Lower	Upper
178	100		
176	22.0	15.8	23.8
179	17.4	13.0	19.6





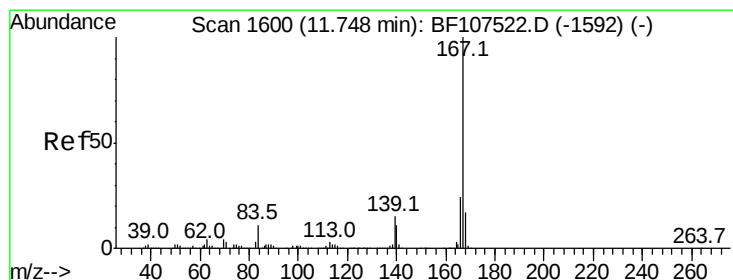
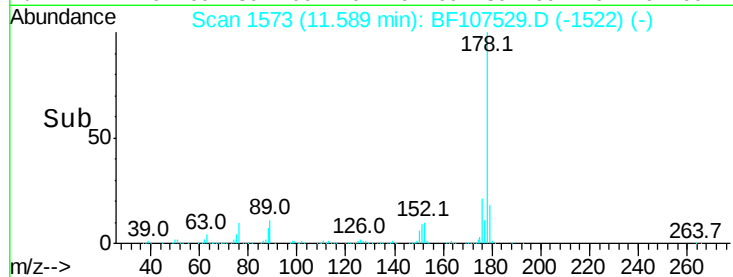
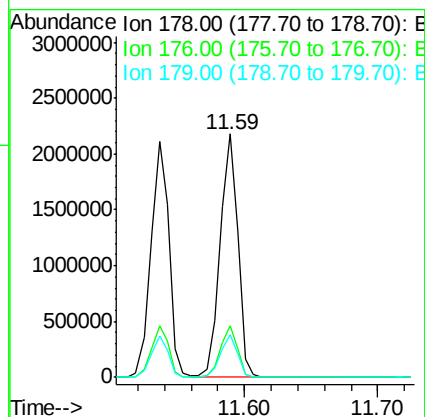
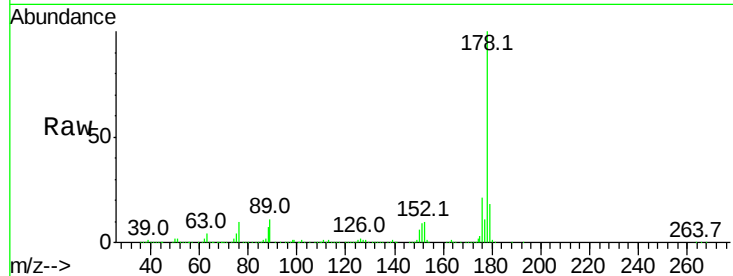
#71
 Anthracene
 Concen: 38.705 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.4	23.2
179	17.7	12.6	19.0

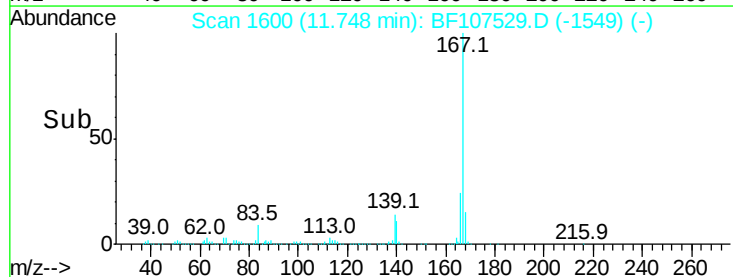
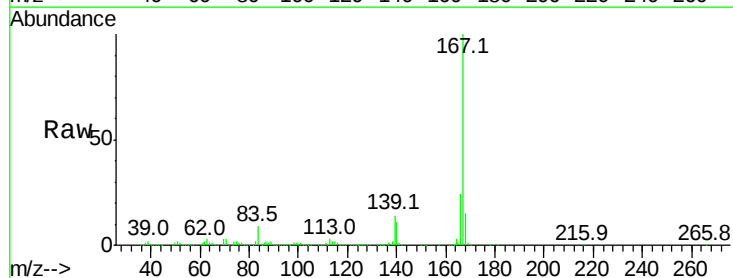
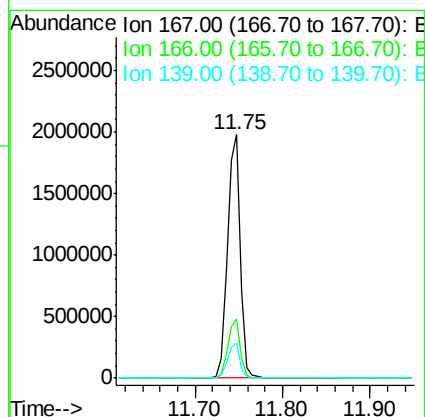
Manual Integrations
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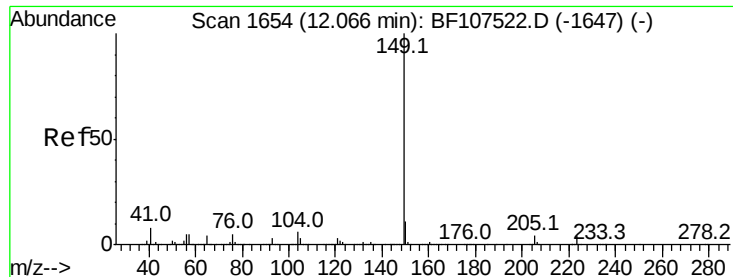
Sohil
 7/23/2018 12:44:31 PM



#72
 Carbazole
 Concen: 36.132 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.6	26.4
139	14.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.274 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:149 Resp: 2440203

Ion Ratio Lower Upper

149 100

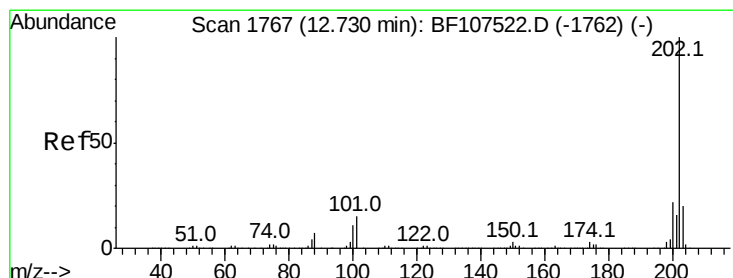
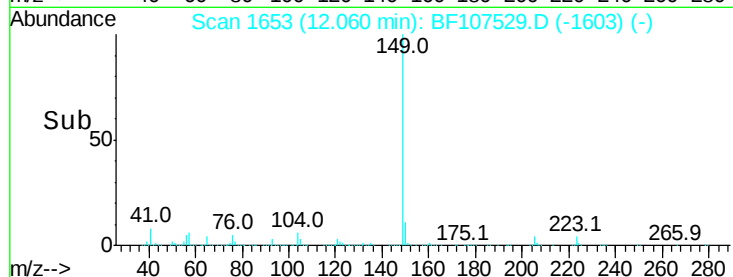
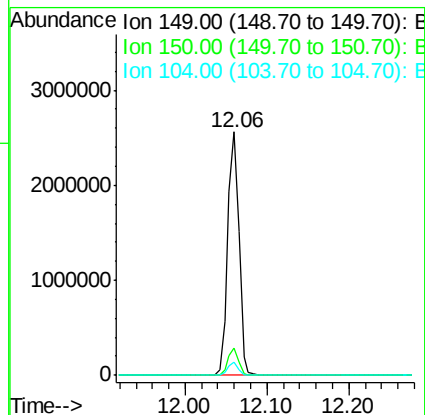
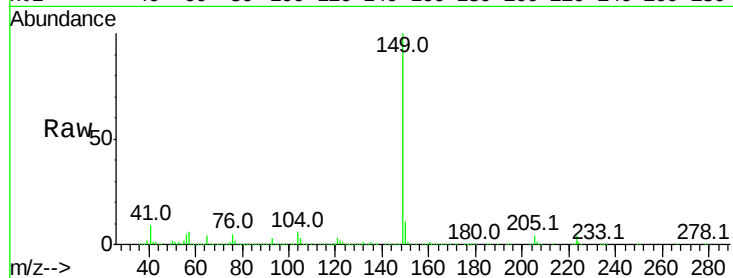
150 11.2 7.8 11.6

104 5.6 3.8 5.8

Manual Integrations
APPROVED

Sohil

7/23/2018 12:44:31 PM



#74

Fluoranthene

Concen: 40.061 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

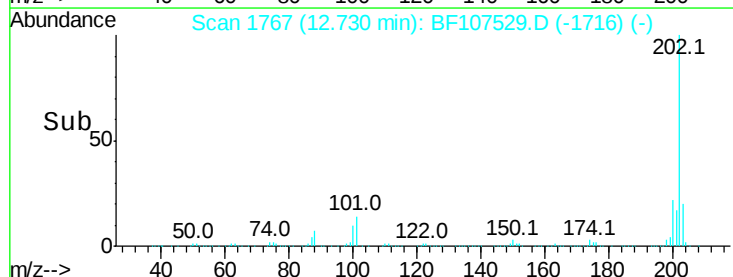
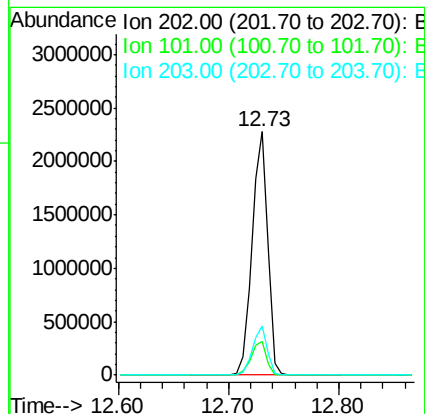
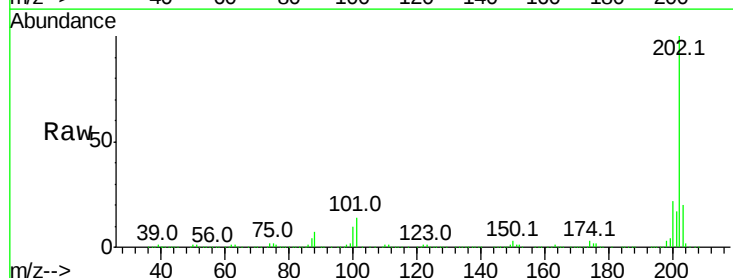
Tgt Ion:202 Resp: 2262672

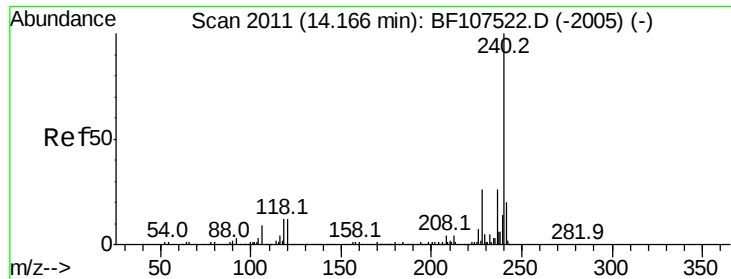
Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

203 20.2 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: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

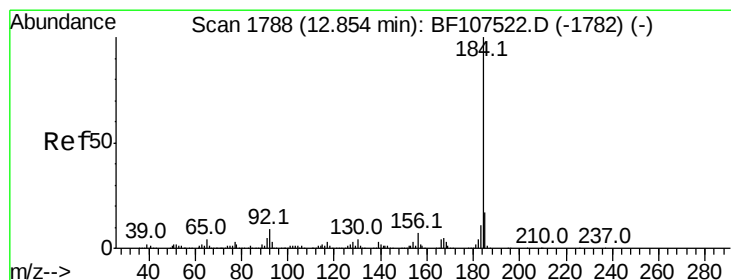
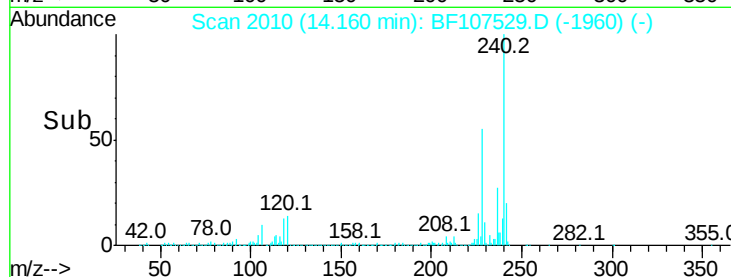
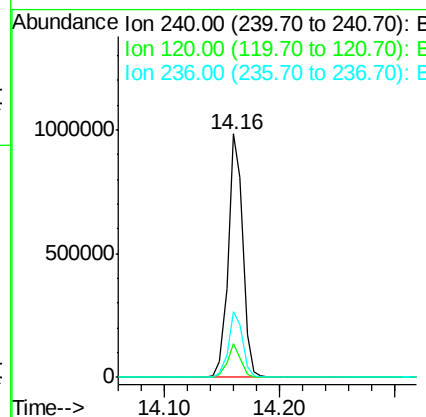
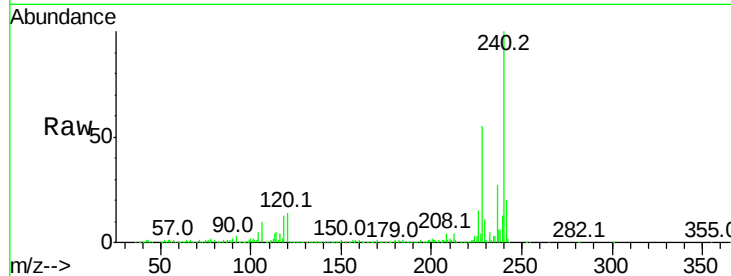
ClientSampleId :

PB111134BS

Tot Ion:	240	Resp:	860805
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 34.461 ng

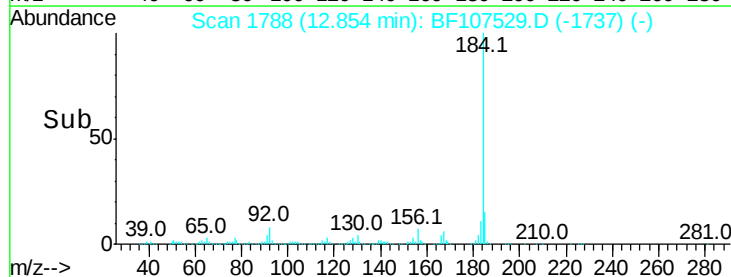
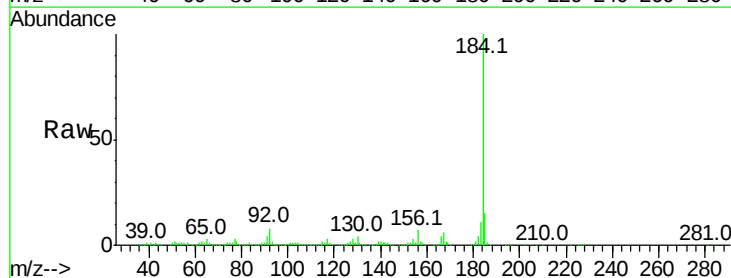
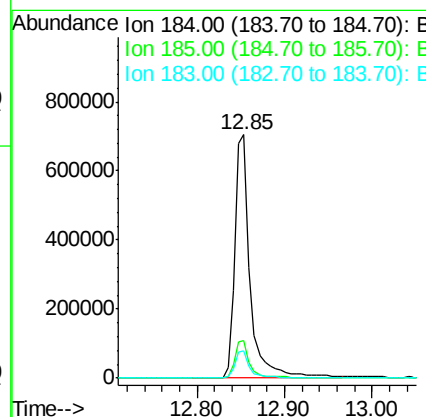
RT: 12.85 min Scan# 1788

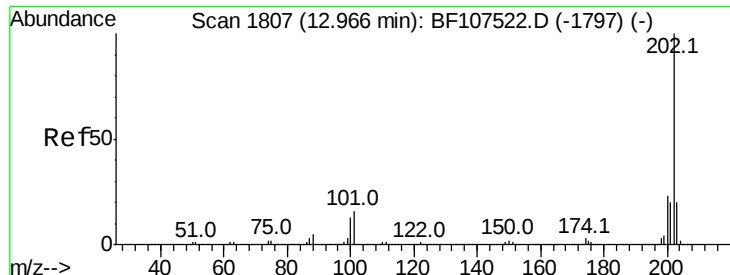
Delta R.T. 0.00 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Tgt Ion:	184	Resp:	854267
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	11.0	9.3	13.9





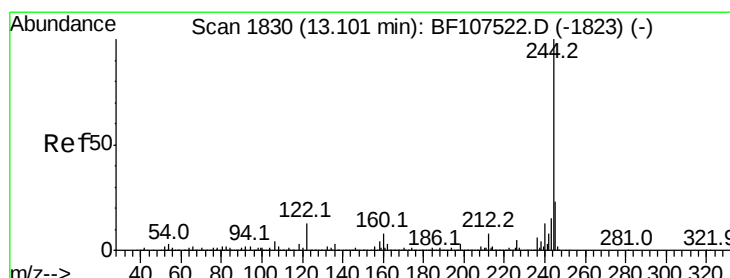
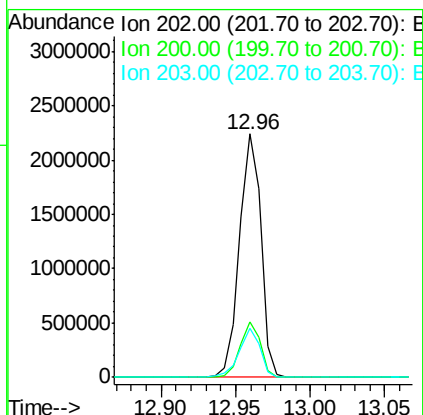
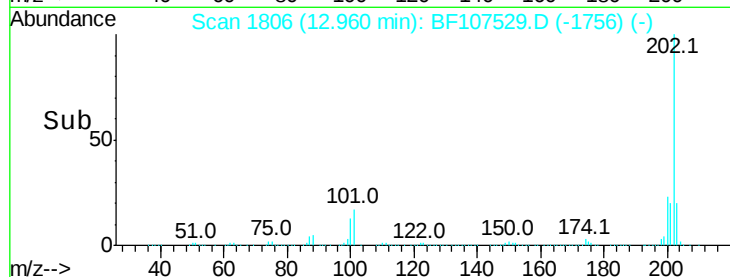
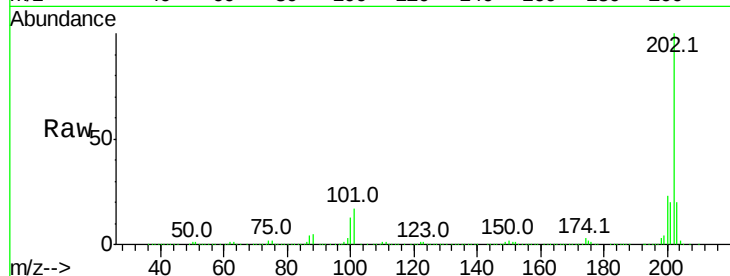
#77
Pvrene
Concen: 38.240 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion: 202 Resp: 2251548
Ion Ratio Lower Upper
202 100
200 23.0 17.4 26.2
203 20.4 14.3 21.5

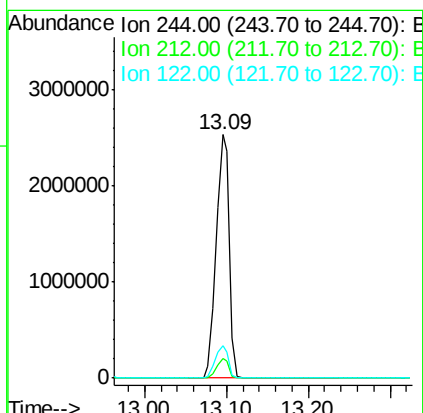
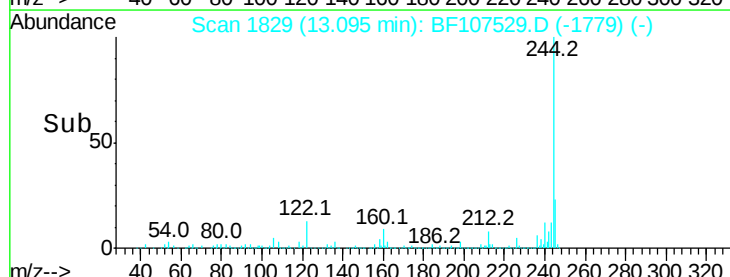
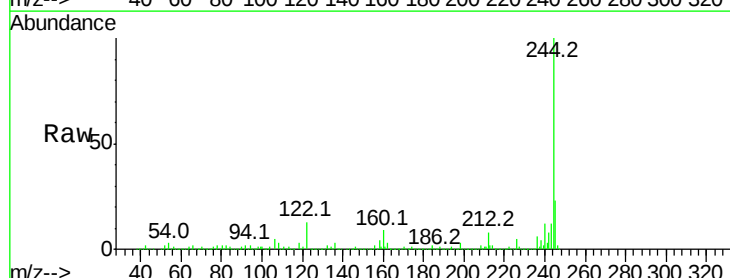
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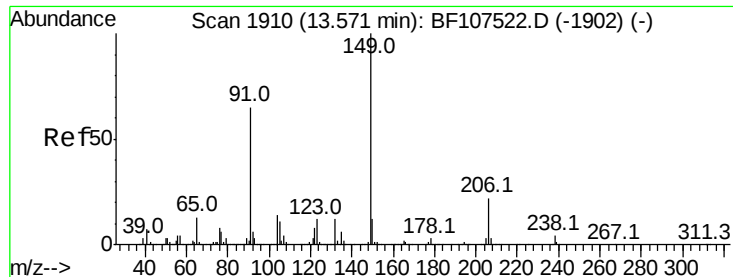
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#78
Terphenyl-d14
Concen: 84.173 ng
RT: 13.09 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion: 244 Resp: 2830235
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.0#
122 13.5 11.0 16.4





#79

Butylbenzylphthalate

Concen: 44.896 ng

RT: 13.57 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

Instrument :

BNA_F

ClientSampleId :

PB111134BS

Tot Ion:149 Resp: 1136829

Ion Ratio Lower Upper

149 100

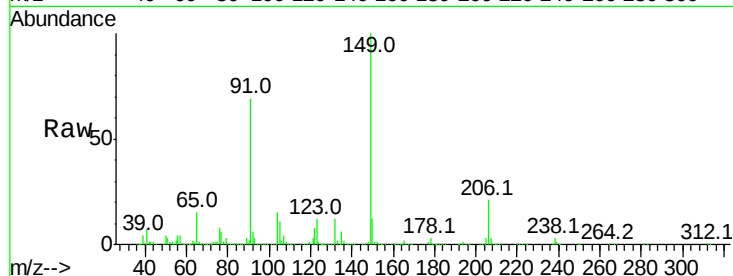
91 68.5 56.8 85.2

206 20.7 14.1 21.1

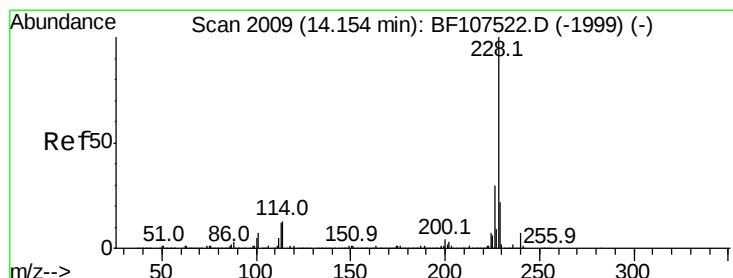
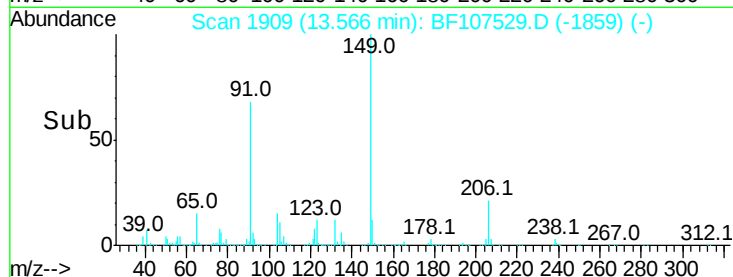
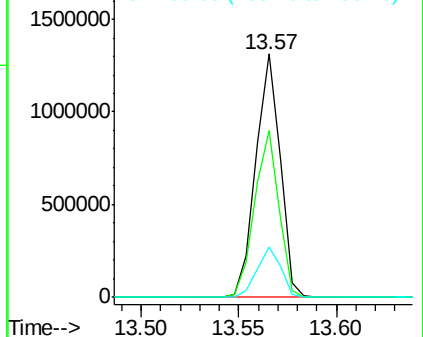
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.391 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107529.D

Acq: 20 Jul 2018 17:52

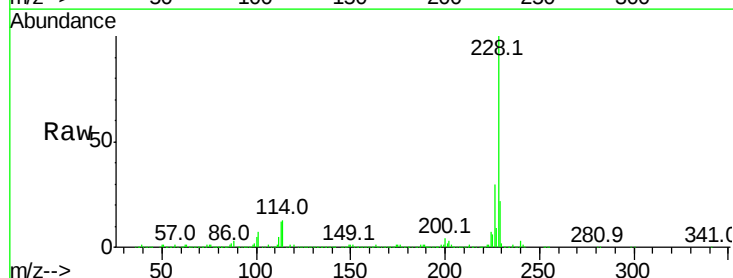
Tgt Ion:228 Resp: 1987090

Ion Ratio Lower Upper

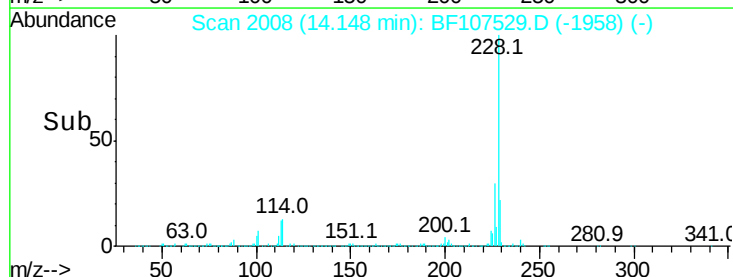
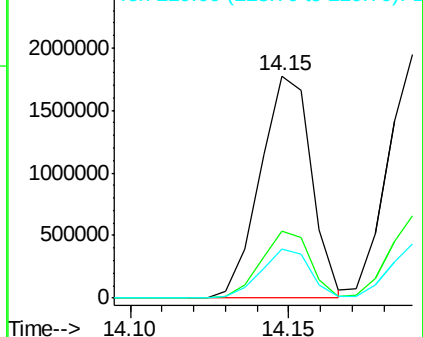
228 100

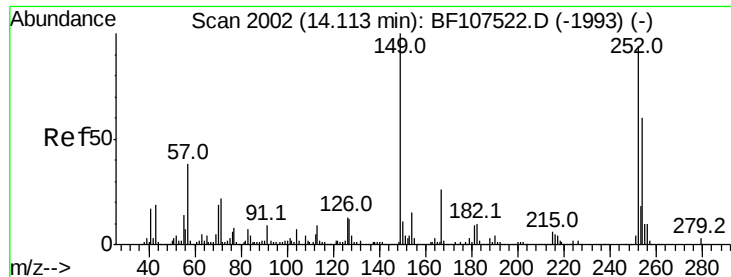
226 30.2 22.6 33.8

229 22.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





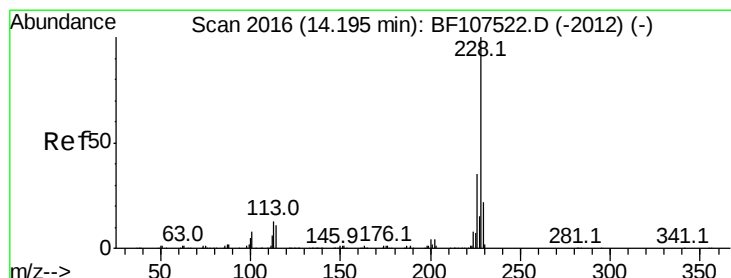
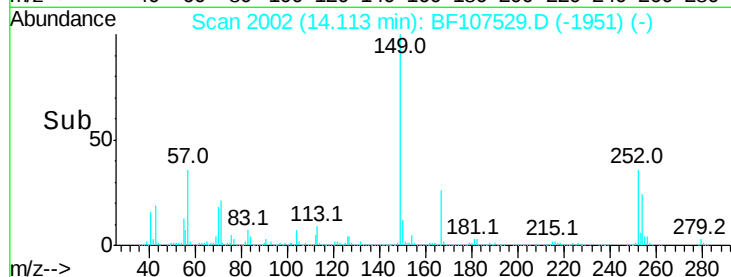
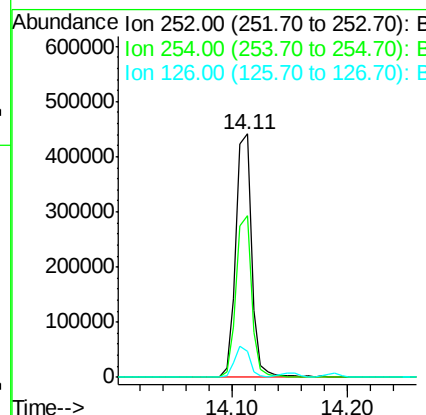
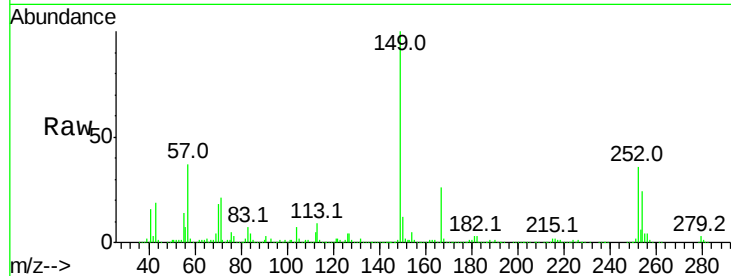
#81
 3,3'-Dichlorobenzidine
 Concen: 25.014 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.4	75.6
126	10.6	11.3	16.9

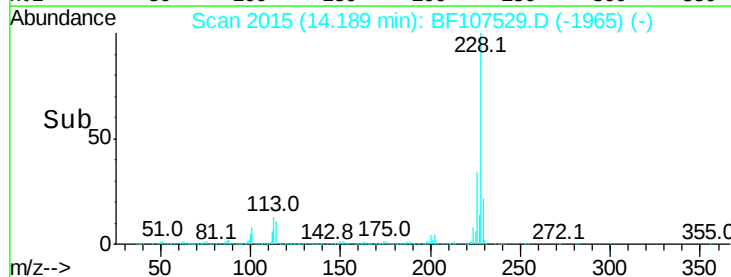
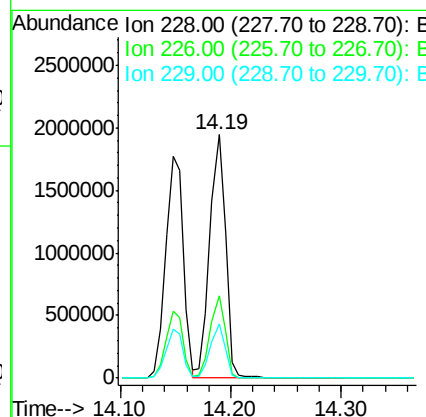
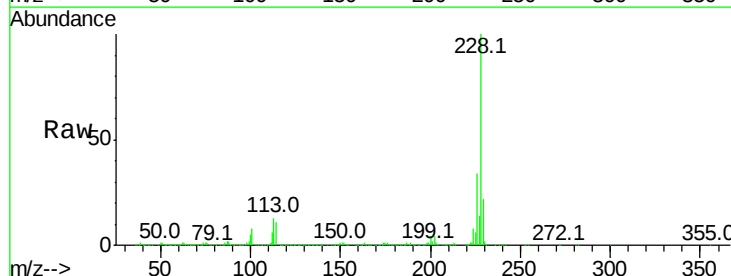
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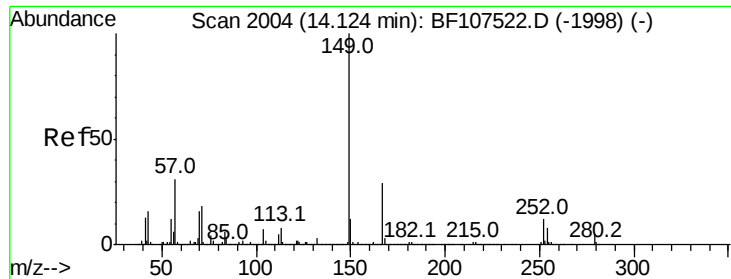
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#82
 Chrysene
 Concen: 38.663 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.0	37.6
229	22.3	16.2	24.4





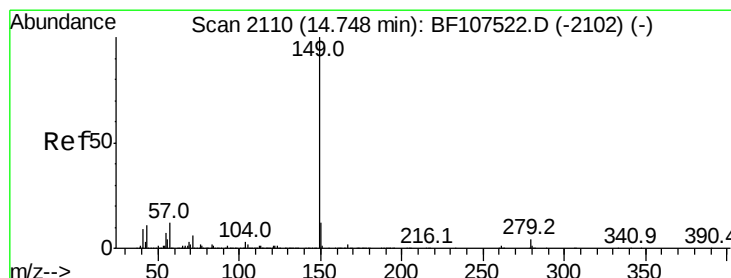
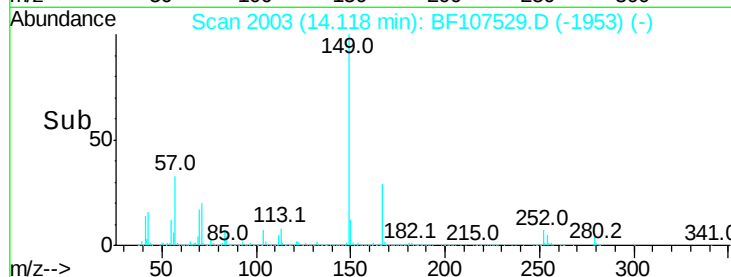
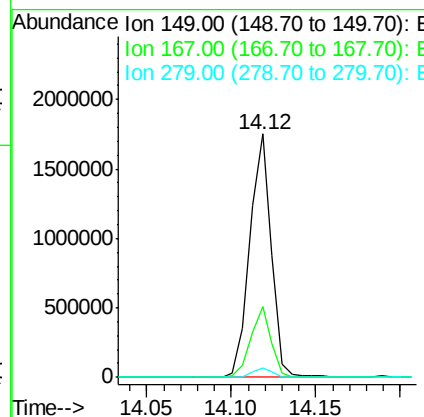
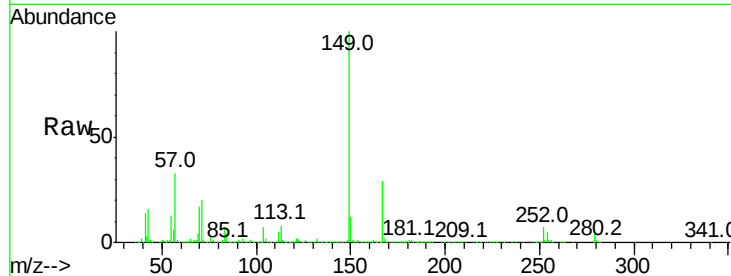
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.476 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.3	31.9
279	4.0	3.0	4.4

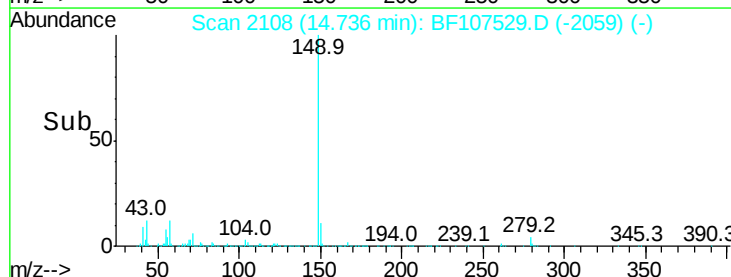
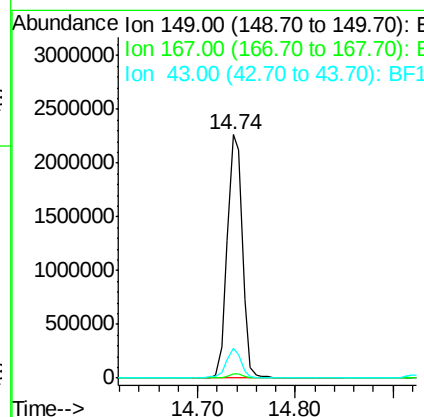
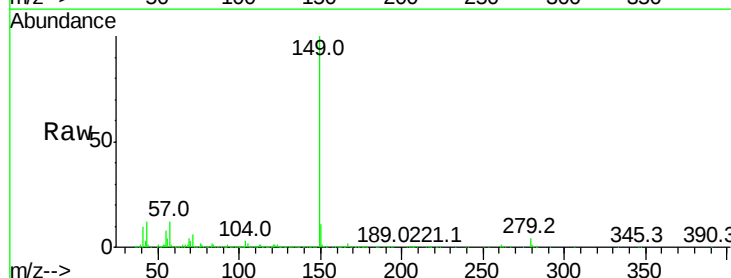
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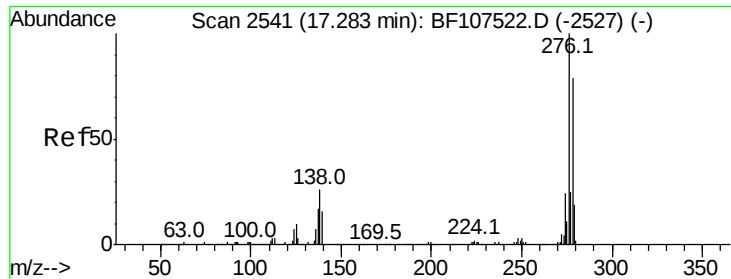
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#84
 Di-n-octyl phthalate
 Concen: 43.855 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6





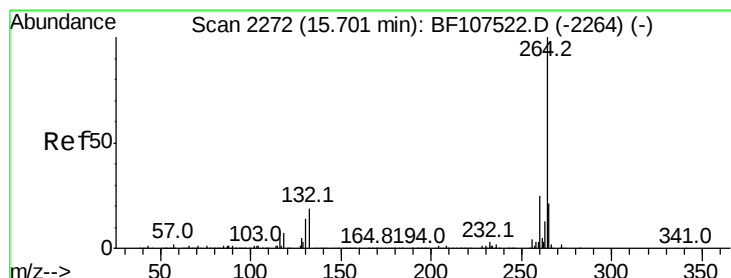
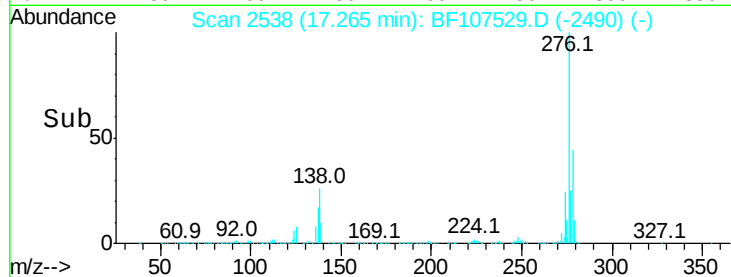
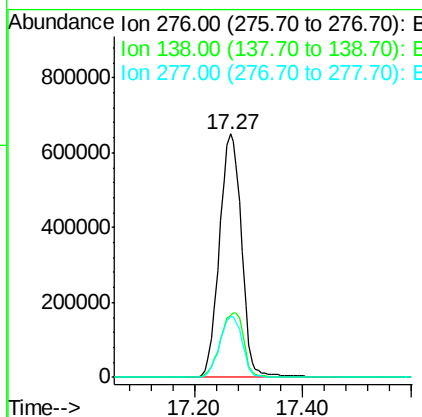
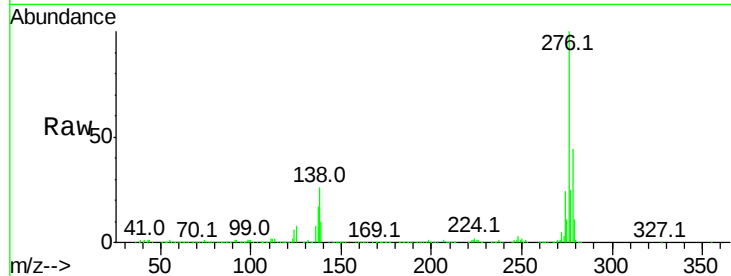
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.823 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.0	37.6
277	25.1	20.1	30.1

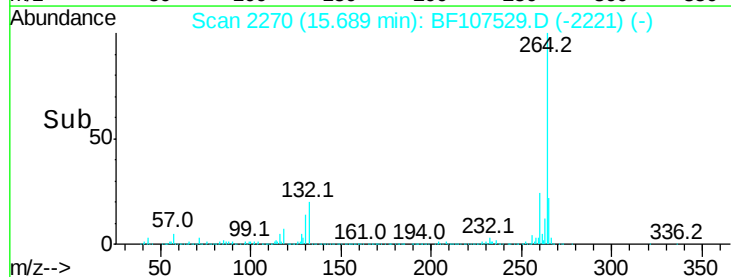
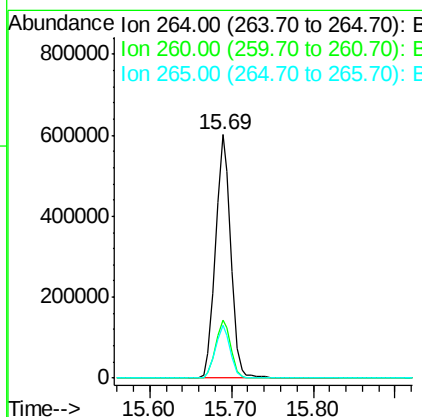
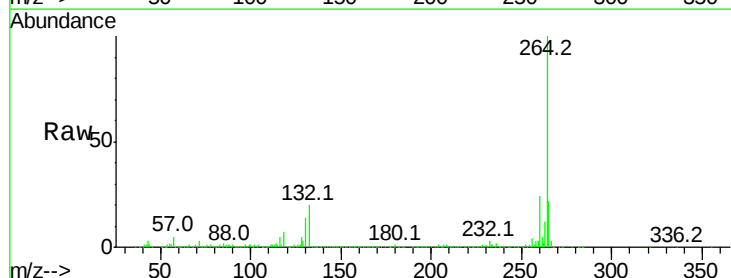
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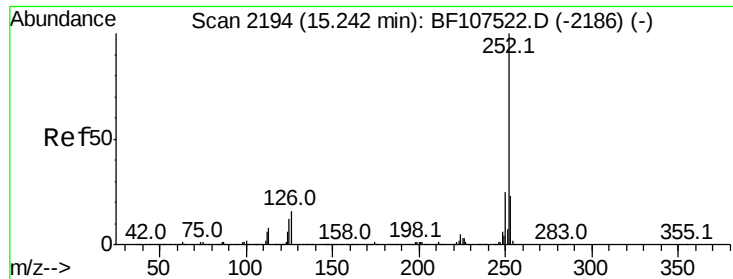
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3





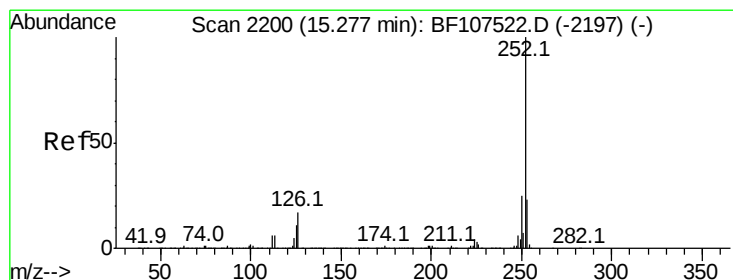
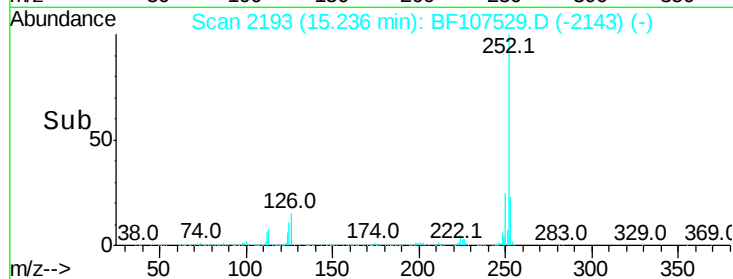
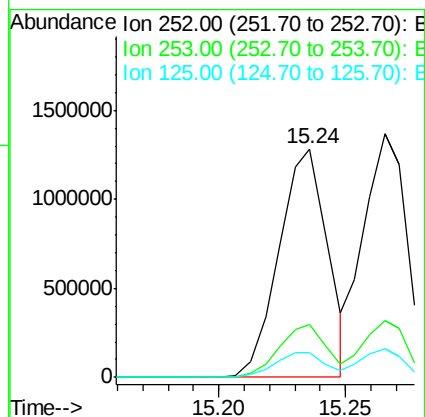
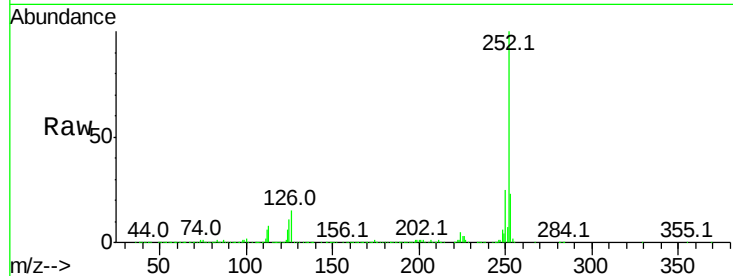
#87
Benzo(b)fluoranthene
Concen: 39.695 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion:252 Resp: 1707995
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 11.1 9.0 13.6

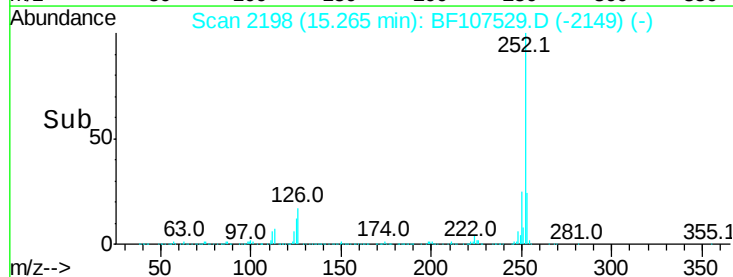
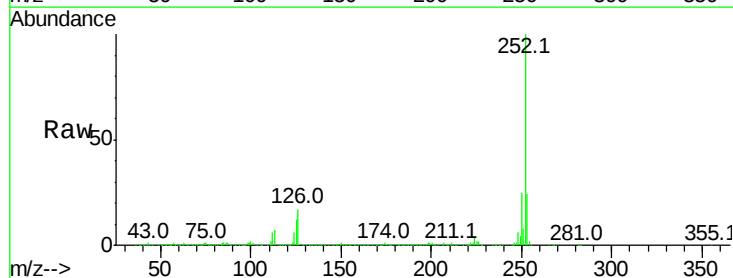
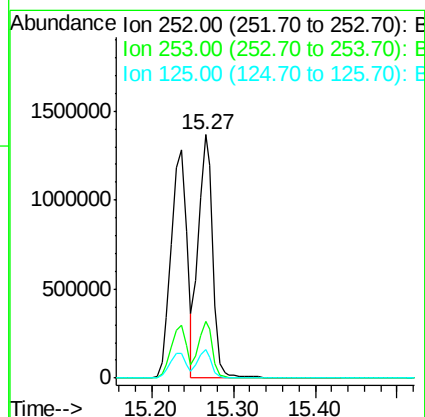
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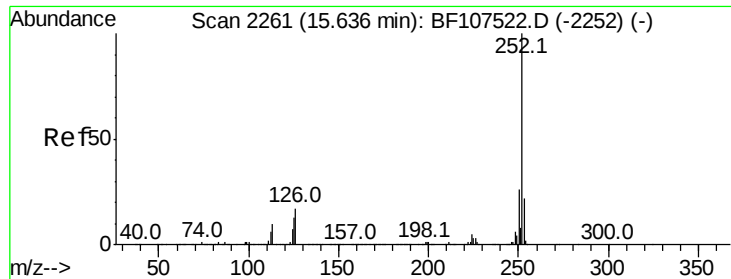
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#88
Benzo(k)fluoranthene
Concen: 39.545 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion:252 Resp: 1667036
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 12.0 10.2 15.2





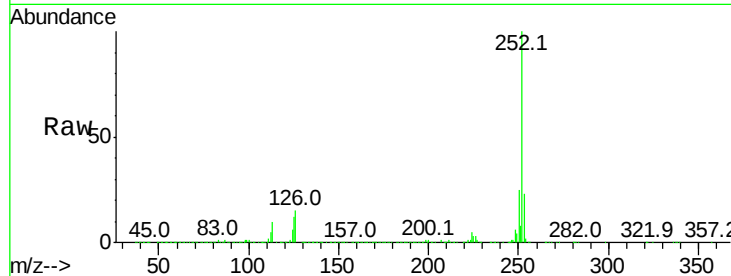
#89
Benzo(a)pyrene
Concen: 41.487 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Instrument :
BNA_F
ClientSampleId :
PB111134BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	11.9	9.8	14.6

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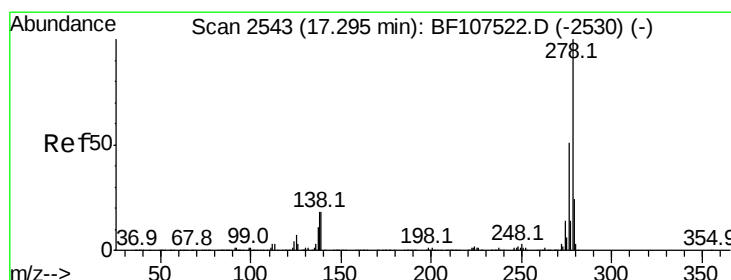
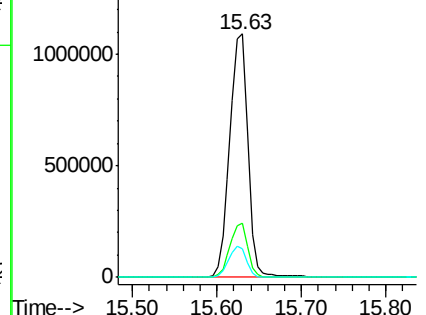
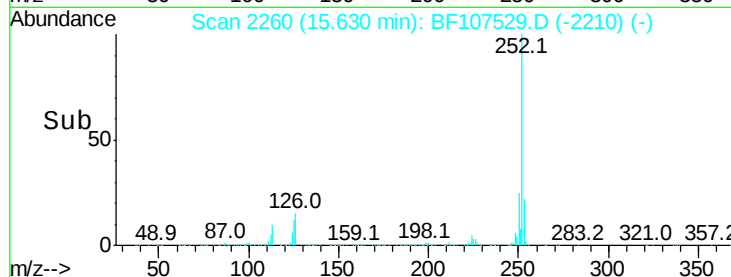


Abundance

Ion 252.00 (251.70 to 252.70): E

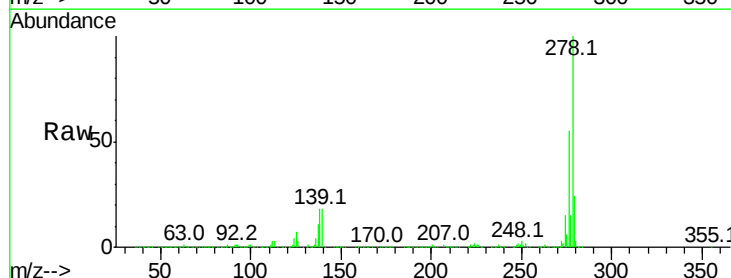
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 45.950 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BF107529.D
Acq: 20 Jul 2018 17:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	24.5	19.0	28.4

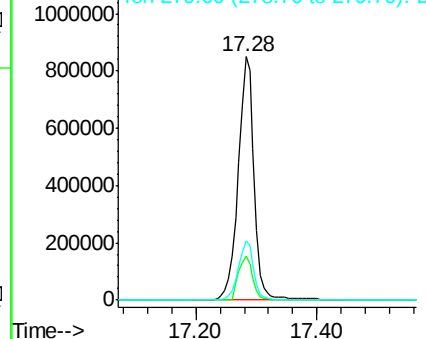
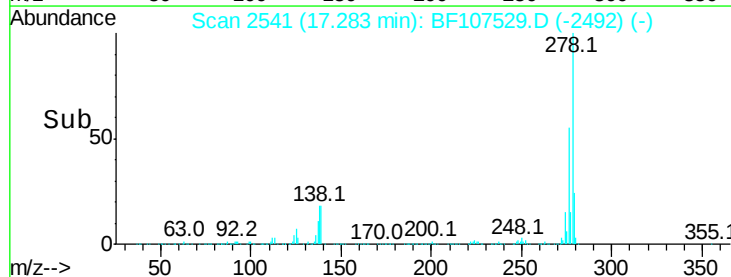


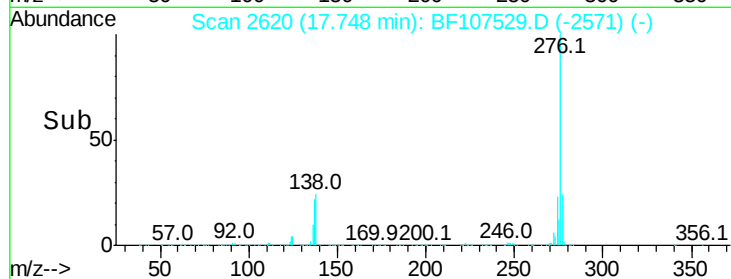
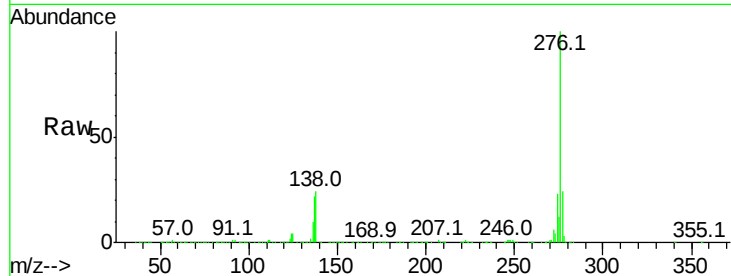
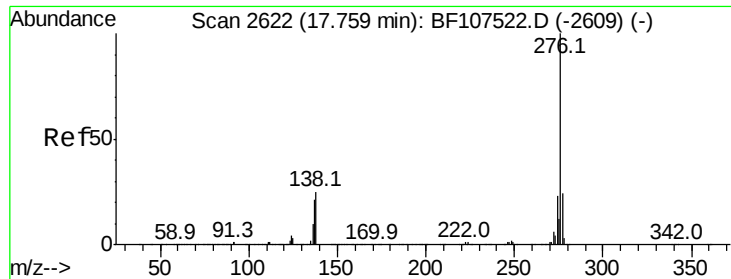
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.796 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107529.D
 Acq: 20 Jul 2018 17:52

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.5	21.8	32.8

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BS

Manual Integrations
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