

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107635.D
 Acq On : 24 Jul 2018 22:34
 Operator : JU/SJ
 Sample : J4011-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:58:41 PM

Quant Time: Jul 25 04:32:32 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	265691	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	973468	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	389999	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	668231	20.00	ng	0.00
75) Chrysene-d12	14.16	240	470417	20.00	ng	0.00
86) Perylene-d12	15.69	264	394678	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1881999	113.89	ng	0.01
7) Phenol-d6	6.62	99	2190936	110.42	ng	0.00
23) Nitrobenzene-d5	7.54	82	1396768	96.83	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	518416	116.89	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2204008	102.23	ng	0.00
78) Terphenyl-d14	13.09	244	1792841	97.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	235520	30.621	ng	# 84
3) Pyridine	3.68	79	646999	30.921	ng	86
4) n-Nitrosodimethylamine	3.64	42	302247	34.249	ng	92
6) Aniline	6.64	93	669396	26.157	ng	# 70
8) 2-Chlorophenol	6.77	128	704700	39.804	ng	97
9) Benzaldehyde	6.52	77	330235	24.712	ng	99
10) Phenol	6.63	94	811545	34.777	ng	82
11) bis(2-Chloroethyl)ether	6.71	93	694330	35.888	ng	91
12) 1,3-Dichlorobenzene	6.91	146	755042	37.615	ng	99
13) 1,4-Dichlorobenzene	6.99	146	790391	38.418	ng	99
14) 1,2-Dichlorobenzene	7.14	146	692138	37.488	ng	99
15) Benzyl Alcohol	7.12	79	545919	40.369	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1094956	33.548	ng	82
17) 2-Methylphenol	7.23	107	581476	38.643	ng	# 88
18) Hexachloroethane	7.48	117	207346	28.734	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	458798	35.792	ng	99
20) 3+4-Methylphenols	7.38	107	674416	37.744	ng	# 67
22) Acetophenone	7.38	105	955539	41.796	ng	# 88
24) Nitrobenzene	7.56	77	706654	42.772	ng	98
25) Isophorone	7.79	82	1293307	41.993	ng	99
26) 2-Nitrophenol	7.87	139	343256	49.200	ng	98
27) 2,4-Dimethylphenol	7.91	122	575430	43.573	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	837523	40.691	ng	99
29) 2,4-Dichlorophenol	8.12	162	583055	43.195	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	602304	39.728	ng	99
31) Naphthalene	8.28	128	1907593	44.562	ng	98
32) Benzoic acid	7.97	122	30529m	10.666	ng	
33) 4-Chloroaniline	8.33	127	441303	23.586	ng	99
34) Hexachlorobutadiene	8.38	225	356340	39.556	ng	99
35) Caprolactam	8.70	113	159158	36.251	ng	# 77
36) 4-Chloro-3-methylphenol	8.82	107	605093	40.355	ng	96
37) 2-Methylnaphthalene	8.97	142	1253718	42.264	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	582319	44.766	ng	97
40) Hexachlorocyclopentadiene	9.11	237	64194	9.708	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	366771	44.050	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	389465	44.755	nq	96
45) 1,1'-Biphenyl	9.43	154	1479093	43.537	nq	99
46) 2-Chloronaphthalene	9.46	162	1096182	42.212	nq	98
47) 2-Nitroaniline	9.57	65	405014	53.498	nq	95
48) Acenaphthylene	9.88	152	1697603	43.518	nq	97
49) Dimethylphthalate	9.73	163	1534514	52.207	nq	98
50) 2,6-Dinitrotoluene	9.80	165	259727	44.507	nq	95
51) Acenaphthene	10.05	154	1011687	41.392	nq	99
52) 3-Nitroaniline	9.98	138	305180	42.987	nq	97
53) 2,4-Dinitrophenol	10.10	184	2765	9.662	nq #	1
54) Dibenzofuran	10.22	168	1485202	41.275	nq	100
55) 4-Nitrophenol	10.15	139	361497	68.010	nq	96
56) 2,4-Dinitrotoluene	10.21	165	308944	43.858	nq	95
57) Fluorene	10.57	166	1130348	44.032	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	292771	40.425	nq #	86
59) Diethylphthalate	10.43	149	1265324	41.219	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	569065	39.212	nq	91
61) 4-Nitroaniline	10.60	138	287089	48.131	nq	98
62) Azobenzene	10.71	77	1065368	37.011	nq	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	10342	11.307	nq #	80
65) n-Nitrosodiphenylamine	10.68	169	1012879	44.630	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	336453	42.772	nq	92
67) Hexachlorobenzene	11.11	284	350293	40.472	nq #	88
68) Atrazine	11.20	200	276623	39.921	nq	95
69) Pentachlorophenol	11.31	266	299833	55.461	nq	99
70) Phenanthrene	11.54	178	1420977	43.638	nq	99
71) Anthracene	11.59	178	1484218	45.270	nq	99
72) Carbazole	11.74	167	1391318	40.809	nq	99
73) Di-n-butylphthalate	12.05	149	1687358	49.574	nq	99
74) Fluoranthene	12.72	202	1498430	42.883	nq	98
76) Benzidine	12.85	184	941376	69.489	nq	97
77) Pyrene	12.96	202	1457467	45.295	nq	98
79) Butylbenzylphthalate	13.56	149	667030	48.203	nq	92
80) Benzo(a)anthracene	14.15	228	1167718	42.359	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	410561	52.807	nq	96
82) Chrysene	14.19	228	1162299	43.892	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	838648	42.952	nq	98
84) Di-n-octyl phthalate	14.73	149	1441036	47.482	nq	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	863247	38.463	nq #	93
87) Benzo(b)fluoranthene	15.24	252	940285	43.531	nq	99
88) Benzo(k)fluoranthene	15.27	252	980581	46.336	nq	97
89) Benzo(a)pyrene	15.63	252	876695	44.371	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	734054	42.978	nq	96
91) Benzo(g,h,i)perylene	17.75	276	689682	40.937	nq #	92

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

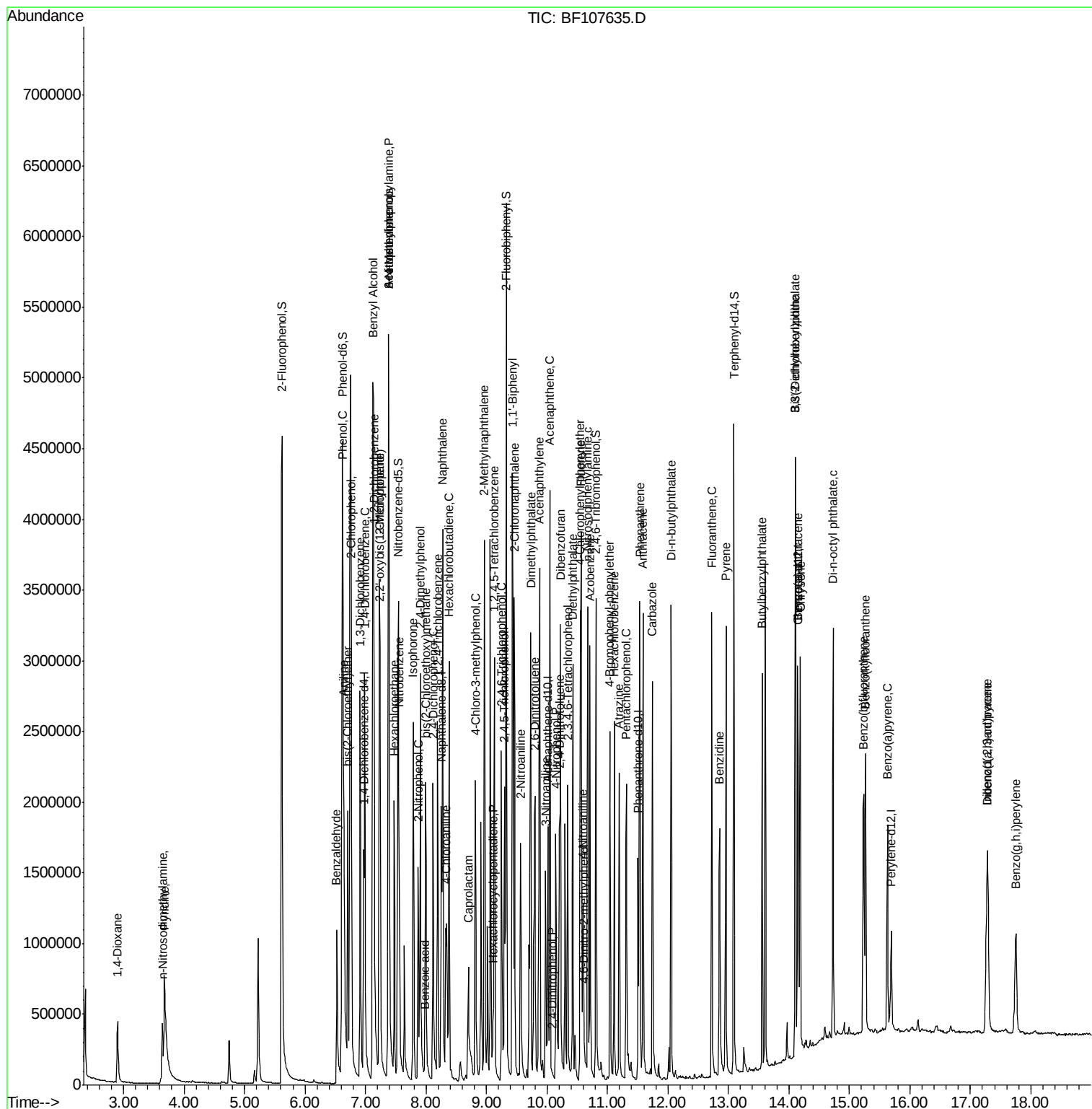
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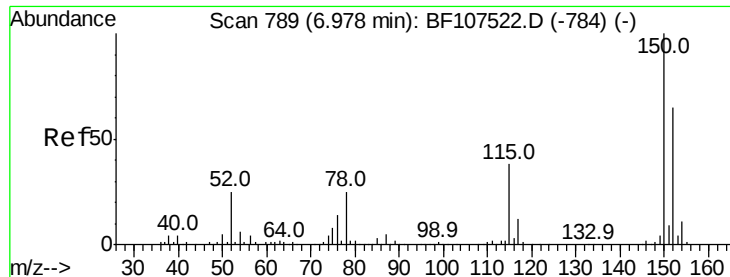
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#1

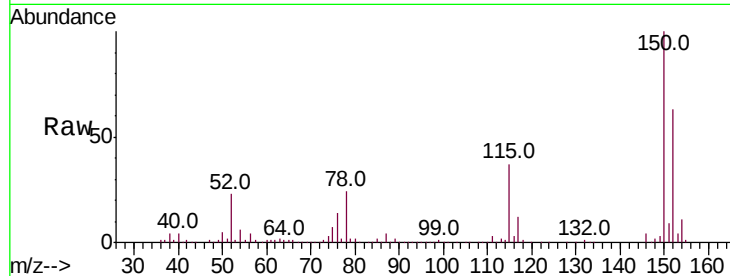
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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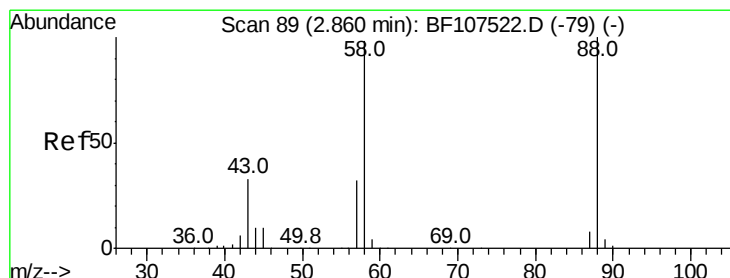
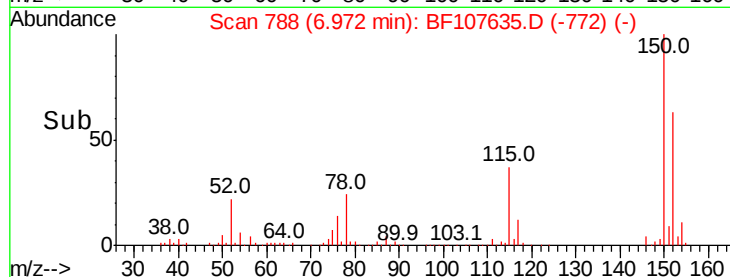
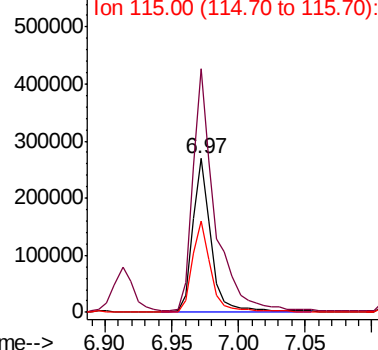


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

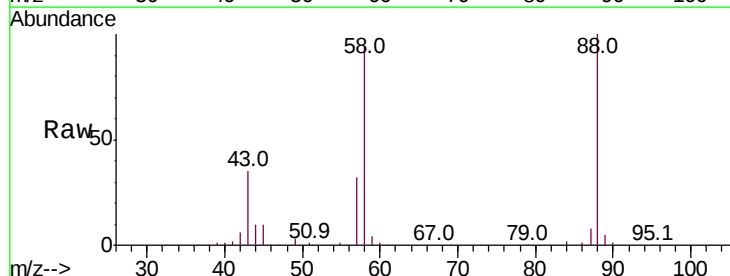
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.621 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.04 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	62.6	93.8#
43	28.2	24.6	37.0

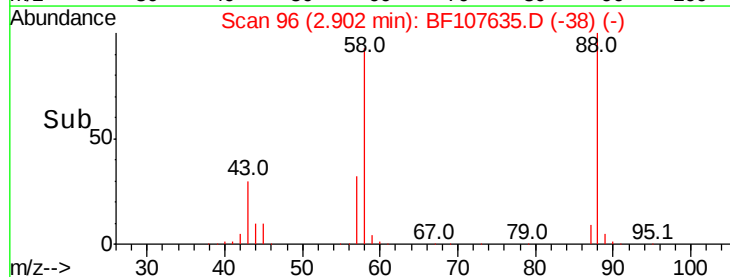
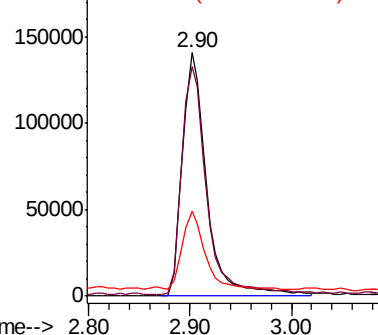


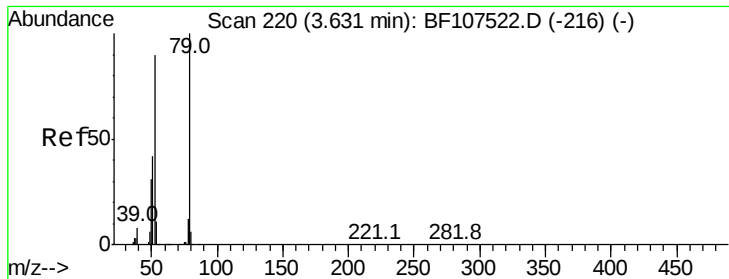
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.921 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

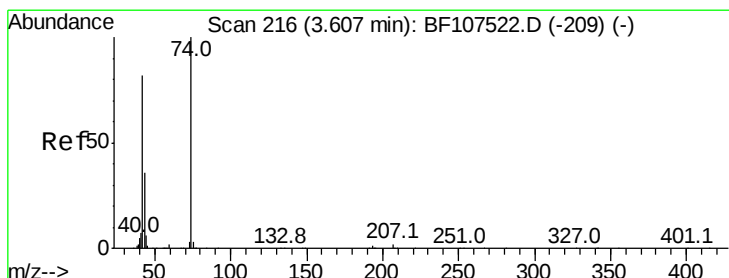
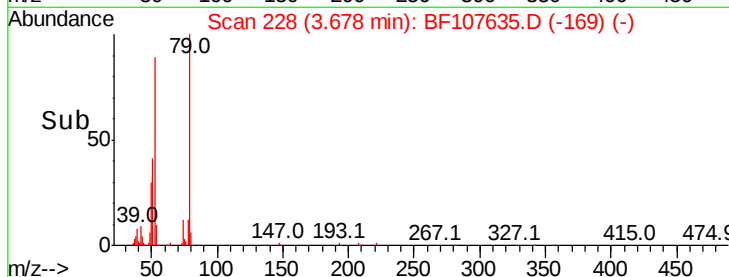
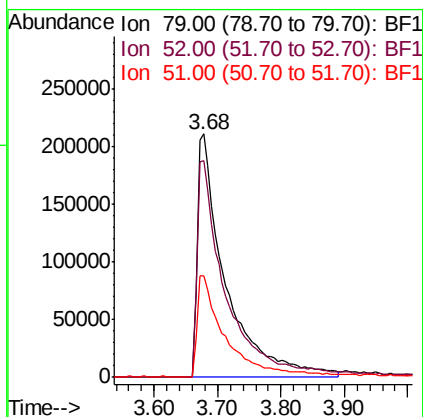
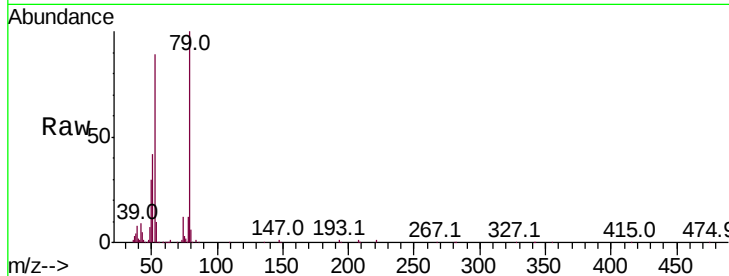
ClientSampleId :

20180413-CORE-3MSD

Tot Ion:	79	Resp:	646999
Ion Ratio	Lower	Upper	
79	100		
52	88.8	59.8	89.6
51	41.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.249 ng

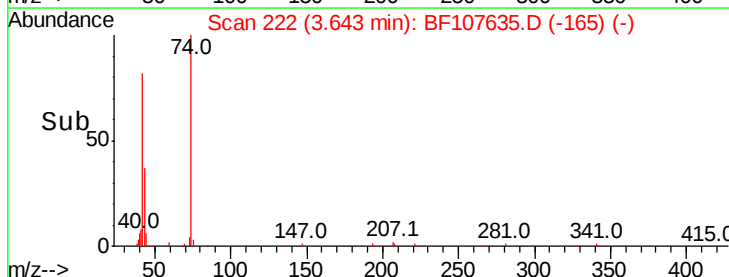
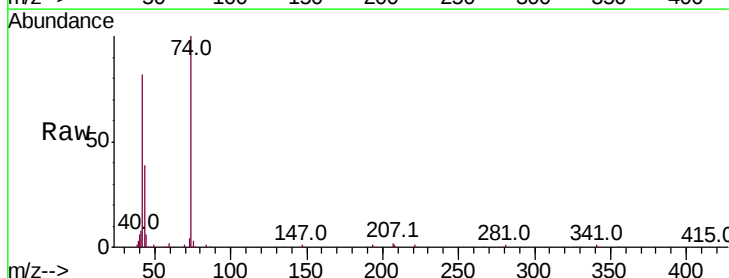
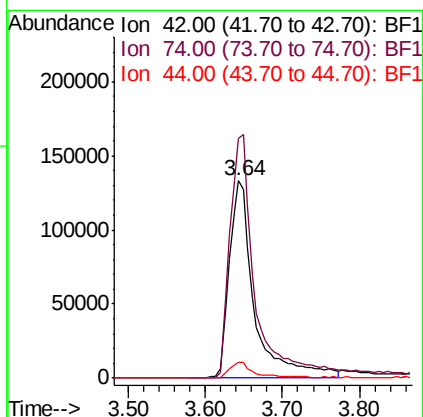
RT: 3.64 min Scan# 222

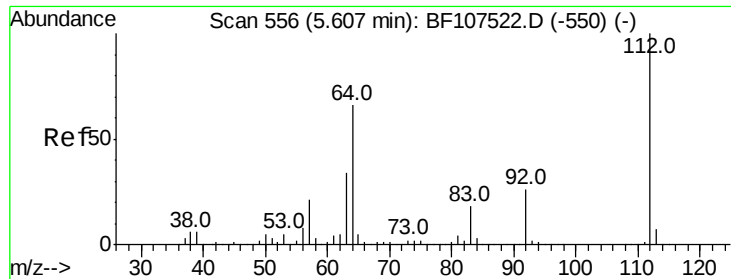
Delta R.T. 0.04 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Tgt Ion:	42	Resp:	302247
Ion Ratio	Lower	Upper	
42	100		
74	121.4	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 113.888 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tot Ion:112 Resp: 1881999

Ion Ratio Lower Upper

112 100

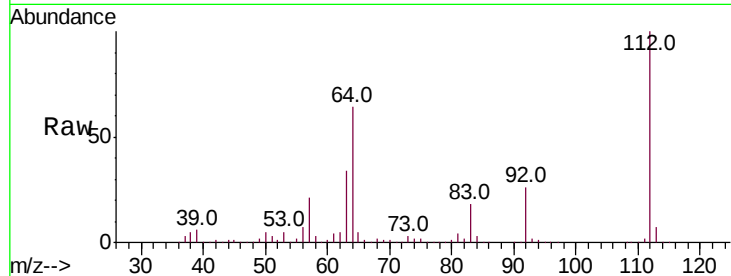
64 63.7 47.9 71.9

63 33.6 23.7 35.5

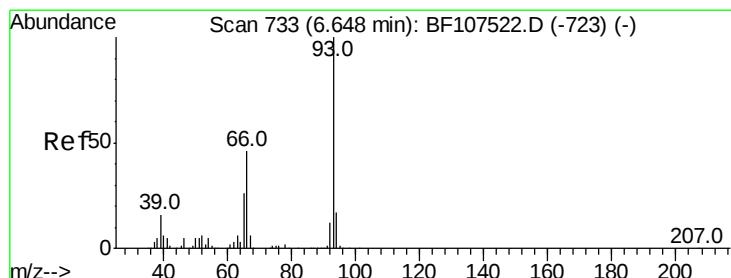
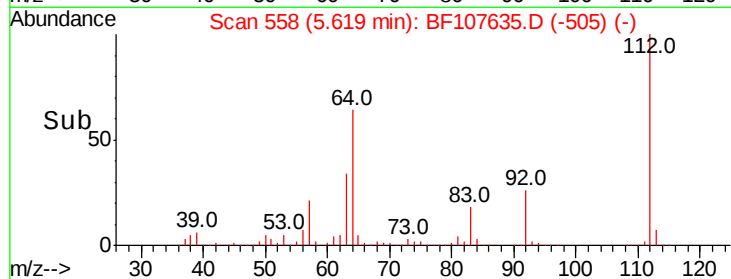
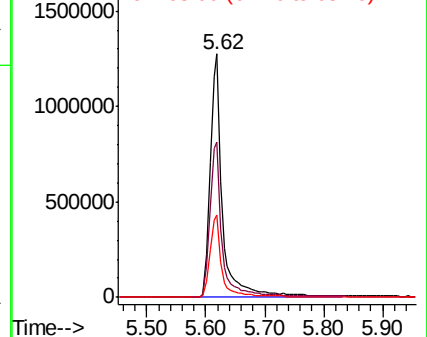
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.157 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

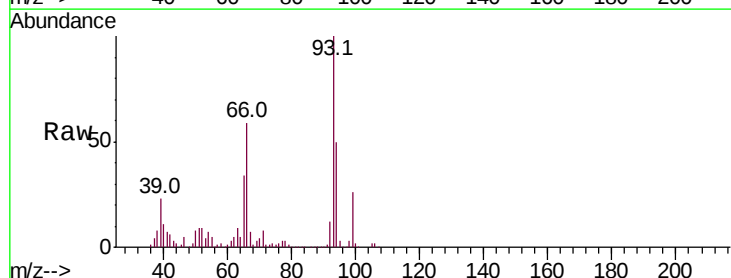
Tgt Ion: 93 Resp: 669396

Ion Ratio Lower Upper

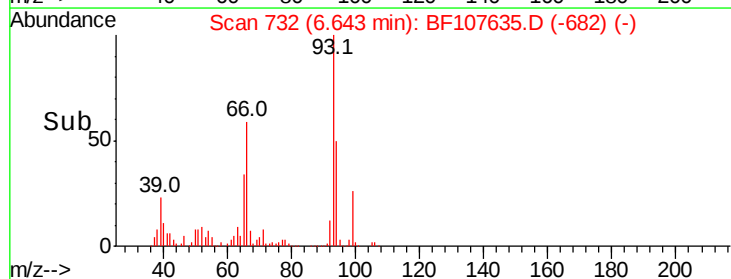
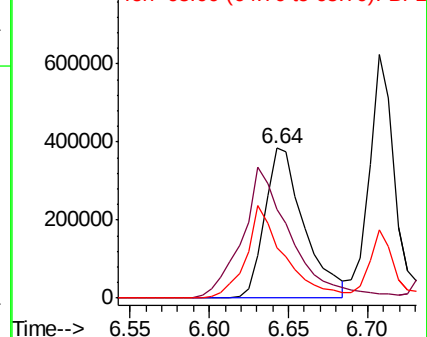
93 100

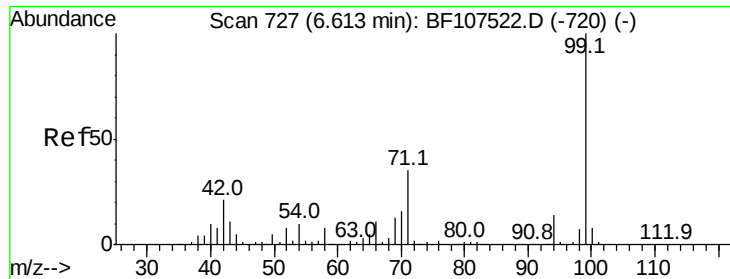
66 58.8 32.2 48.2#

65 34.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.418 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tot Ion: 99 Resp: 2190936

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

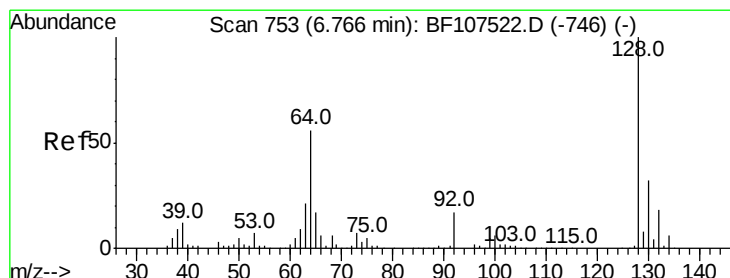
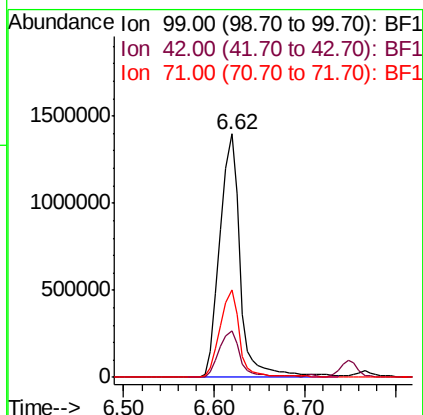
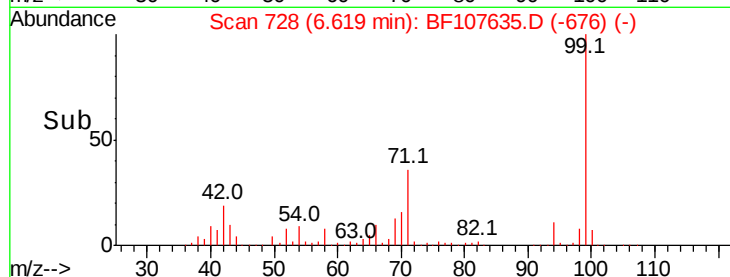
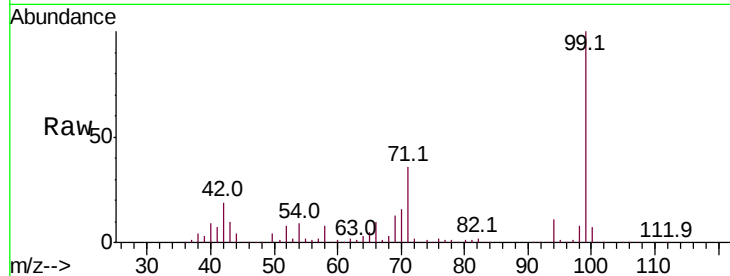
71 36.1 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.804 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

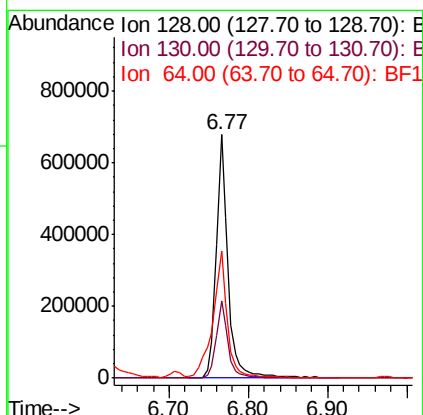
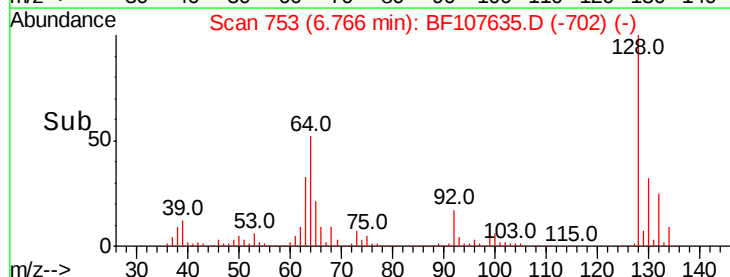
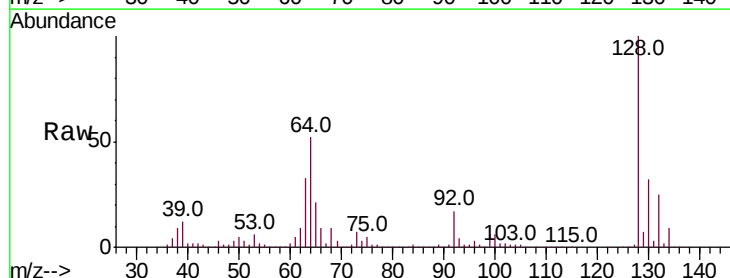
Tgt Ion: 128 Resp: 704700

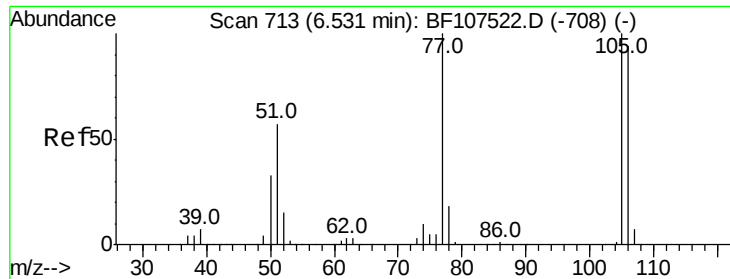
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 52.3 29.4 69.4





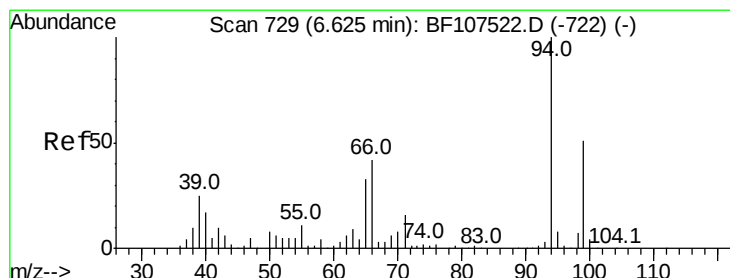
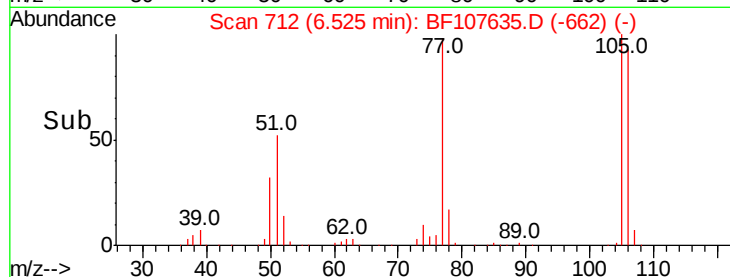
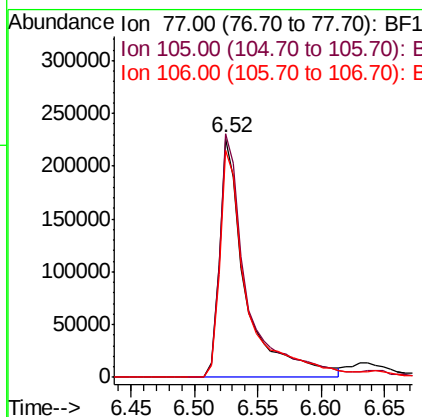
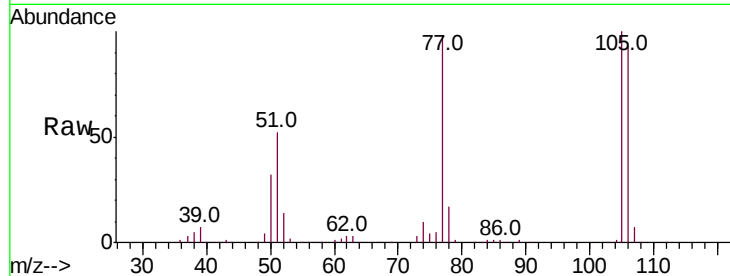
#9
Benzaldehyde
Concen: 24.712 ng
RT: 6.52 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.8	81.1	121.1
106	95.0	74.5	114.5

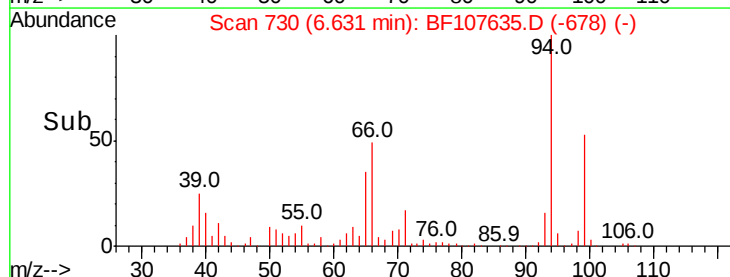
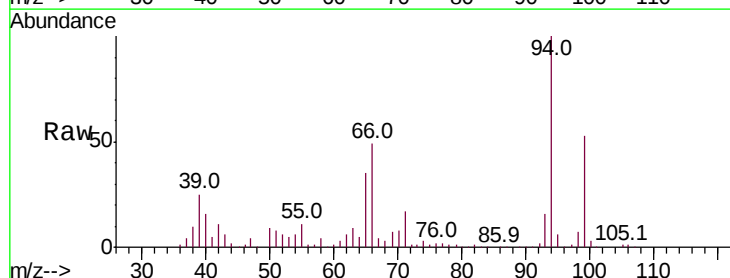
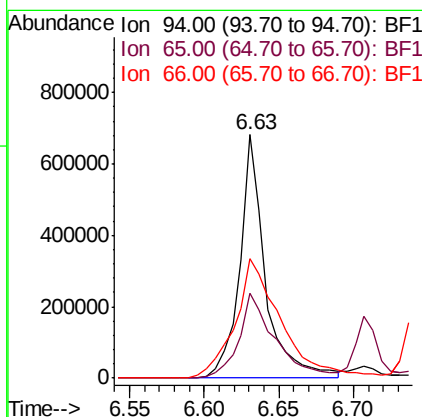
Manual Integrations
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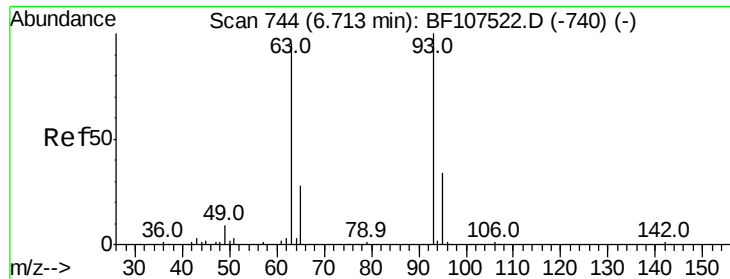
Sohil
7/25/2018 12:58:41 PM



#10
Phenol
Concen: 34.777 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.9	47.9
66	49.2	16.2	56.2





#11

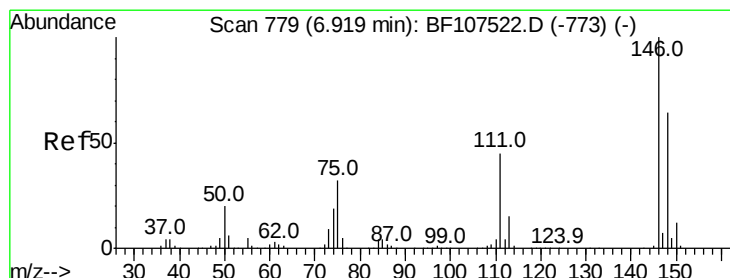
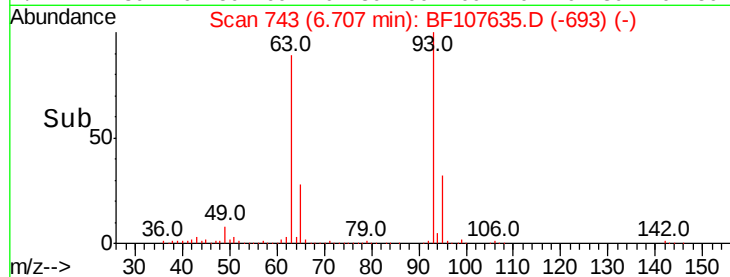
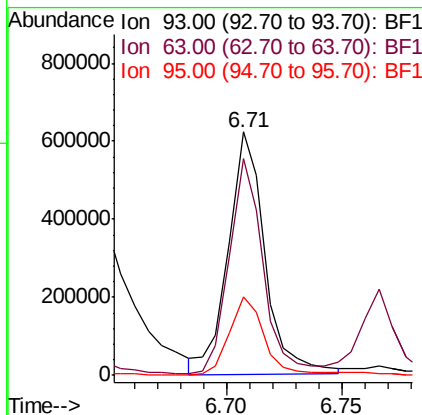
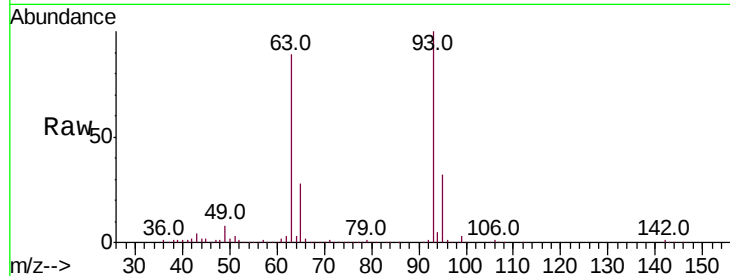
bis(2-Chloroethyl)ether
Concen: 35.888 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	58.6	98.6
95	32.3	11.8	51.8

Manual Integrations
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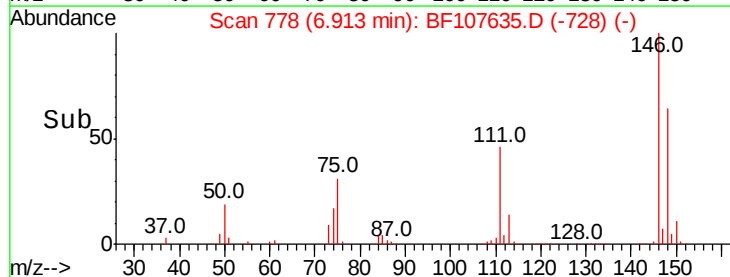
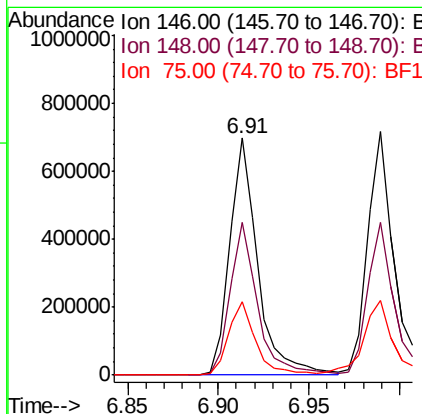
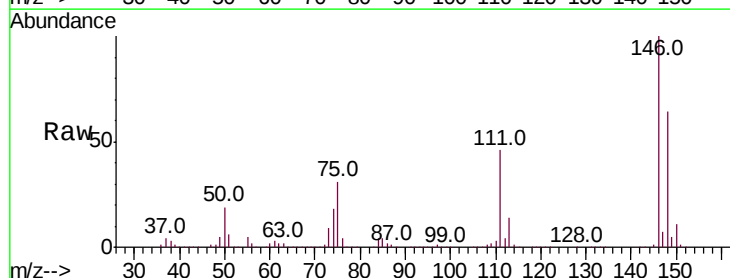
Sohil
7/25/2018 12:58:41 PM

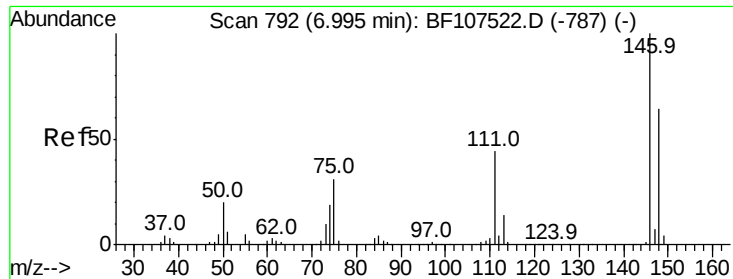


#12

1,3-Dichlorobenzene
Concen: 37.615 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	31.1	24.2	36.4





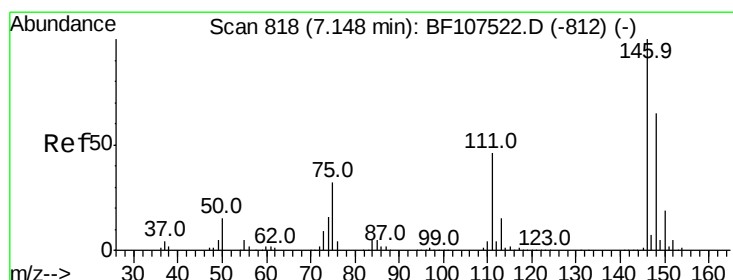
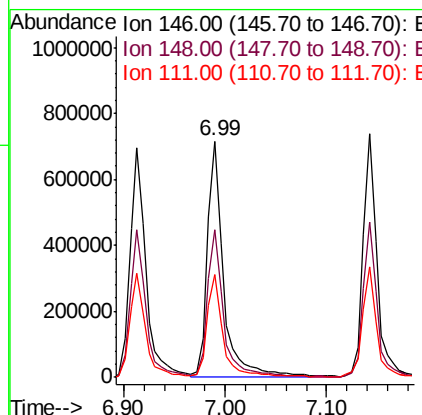
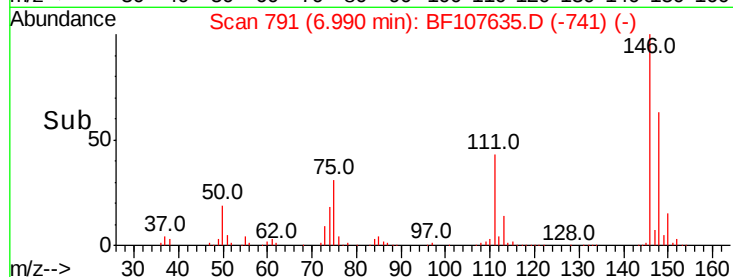
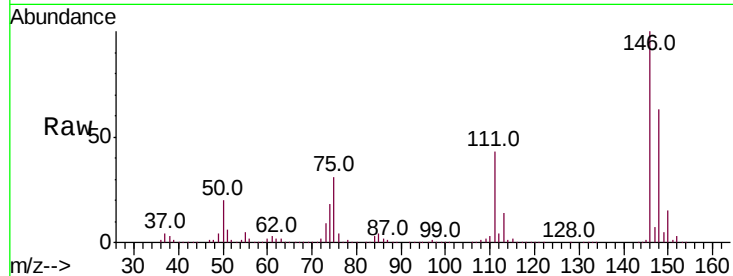
#13
 1,4-Dichlorobenzene
 Concen: 38.418 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.8	76.2
111	43.5	34.2	51.2

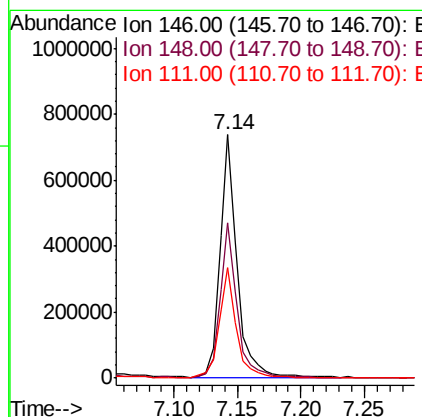
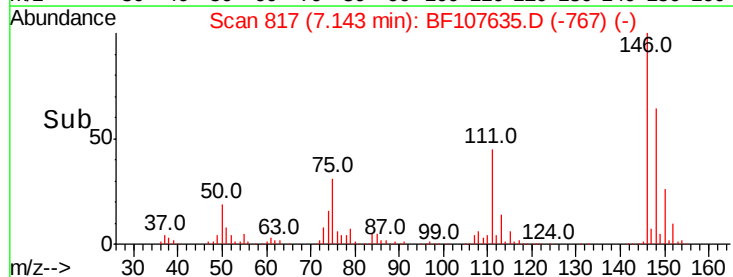
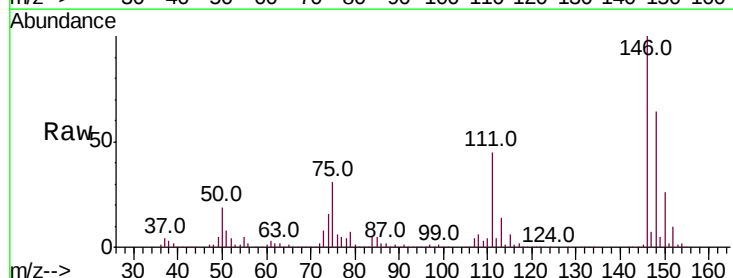
Manual Integrations
 APPROVED

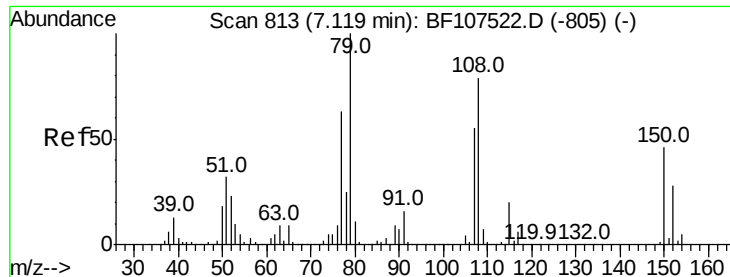
Sohil
 7/25/2018 12:58:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.488 ng
 RT: 7.14 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	45.2	36.0	54.0





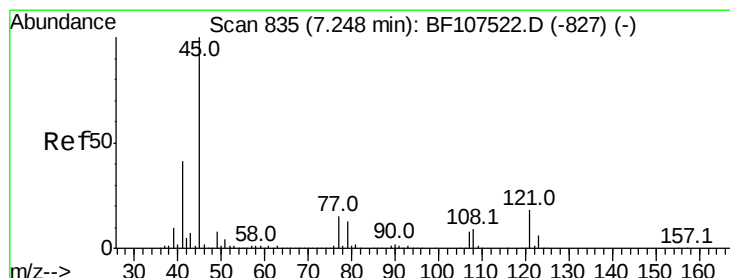
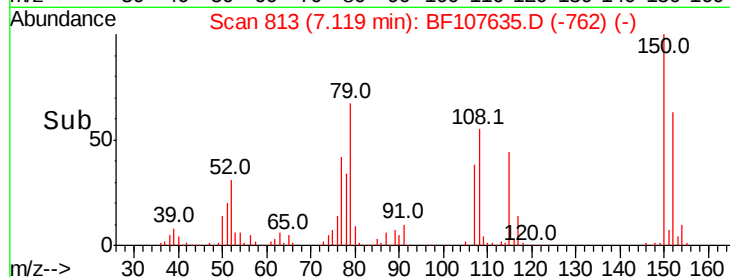
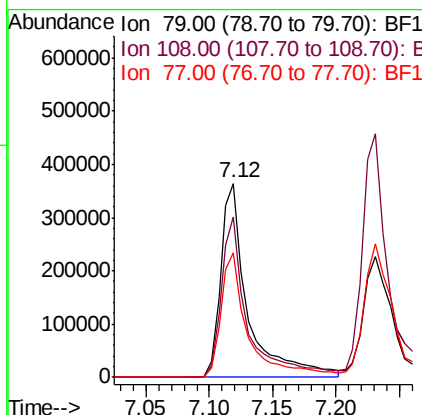
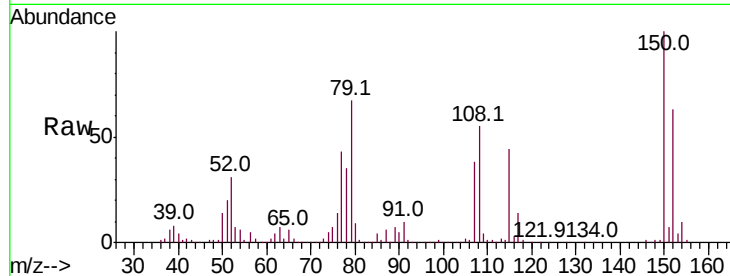
#15
Benzyl Alcohol
Concen: 40.369 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	63.8	50.6	75.8

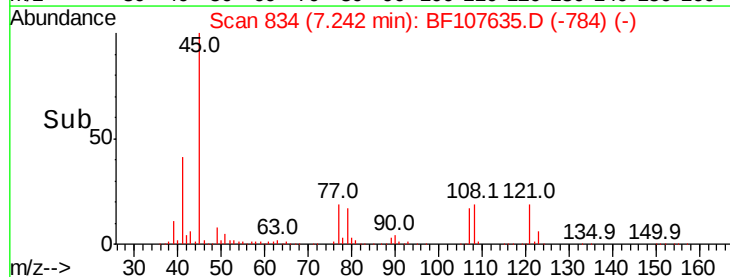
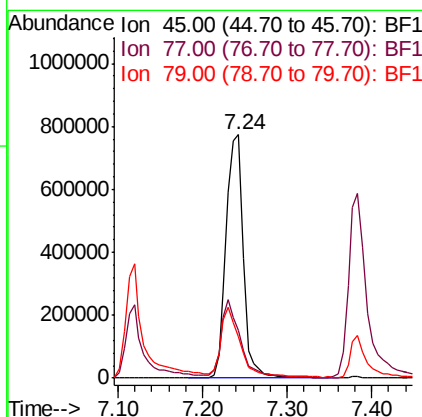
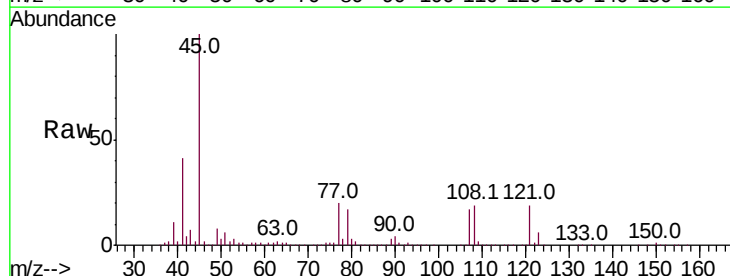
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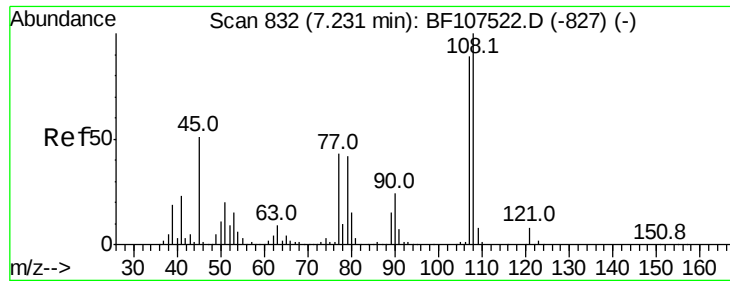
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.548 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	32.9
79	17.2	0.0	29.6





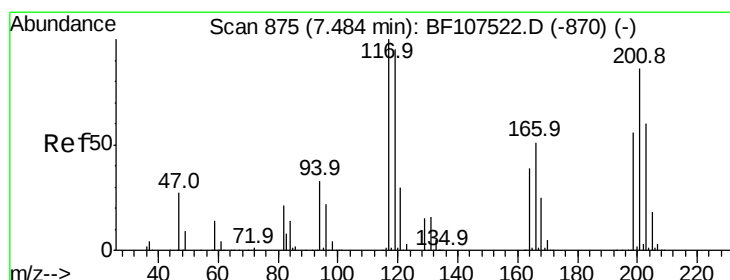
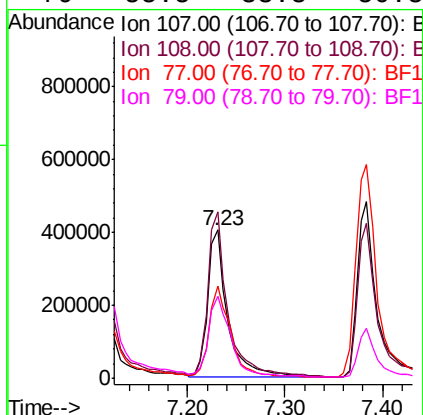
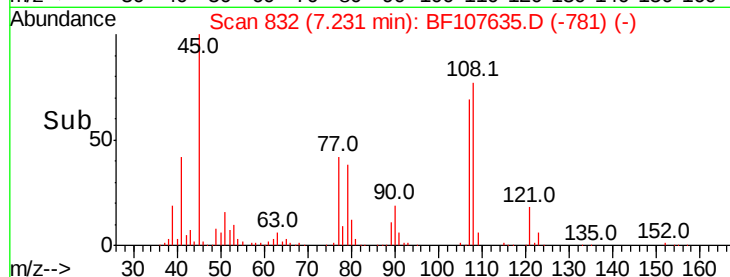
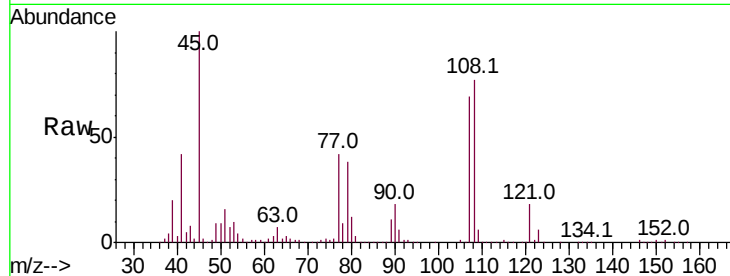
#17
2-Methylphenol
Concen: 38.643 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	91.7	137.5
77	61.8	33.8	50.8#
79	55.5	33.8	50.8#

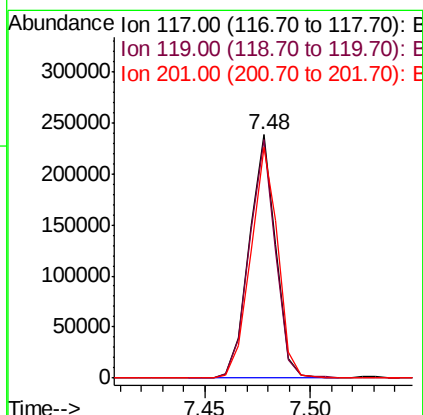
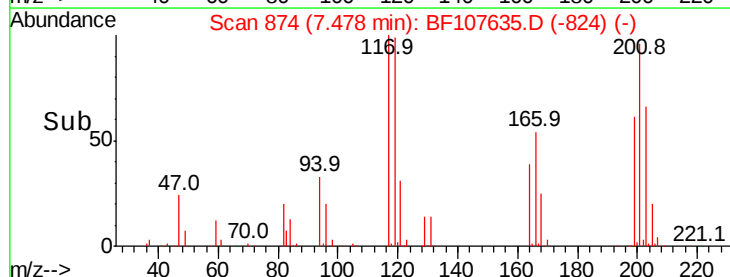
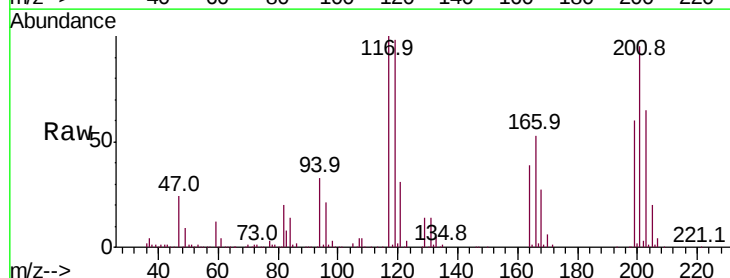
Manual Integrations
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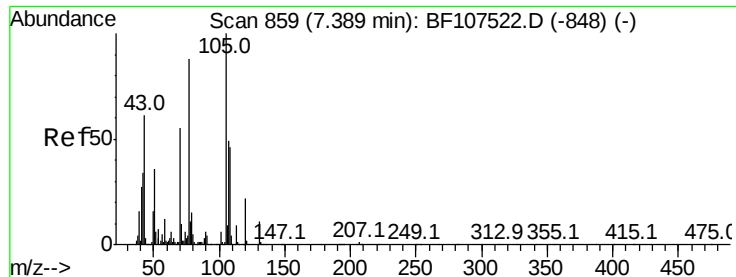
Sohil
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#18
Hexachloroethane
Concen: 28.734 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	95.0	75.7	113.5





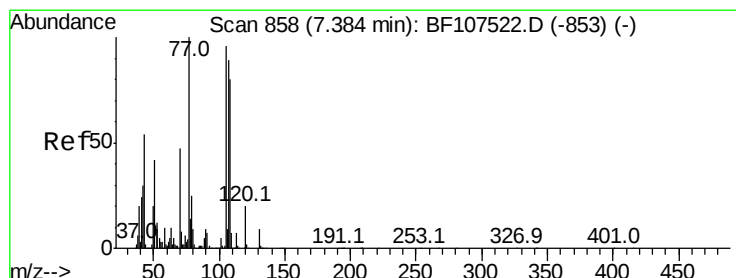
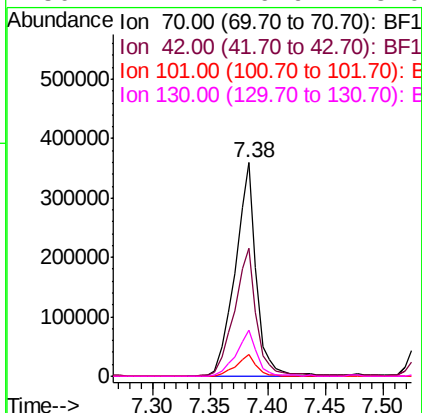
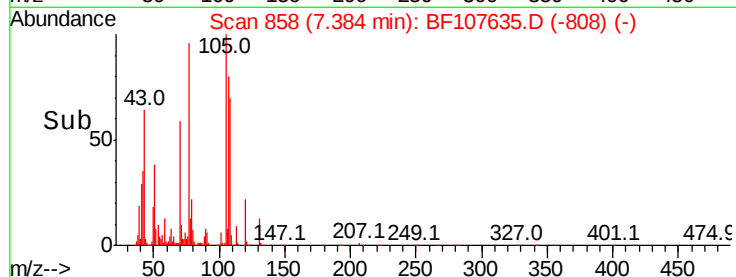
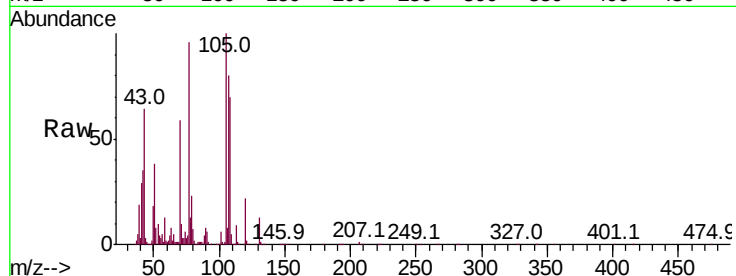
#19
n-Nitroso-di-n-propylamine
Concen: 35.792 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.5	71.3
101	10.1	7.4	11.2
130	21.7	16.6	25.0

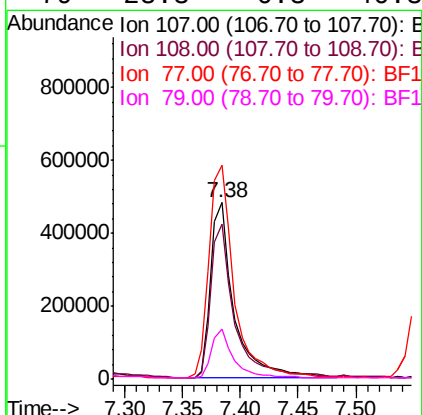
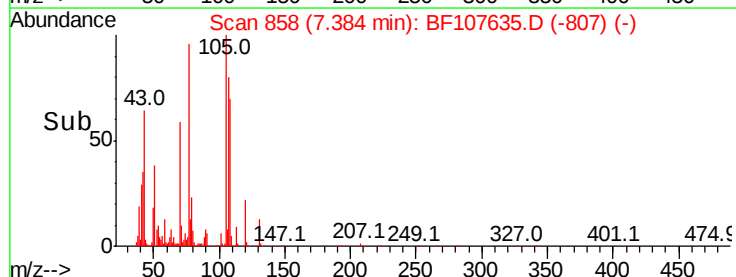
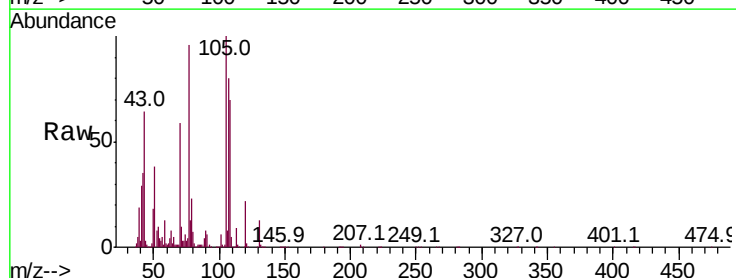
Manual Integrations
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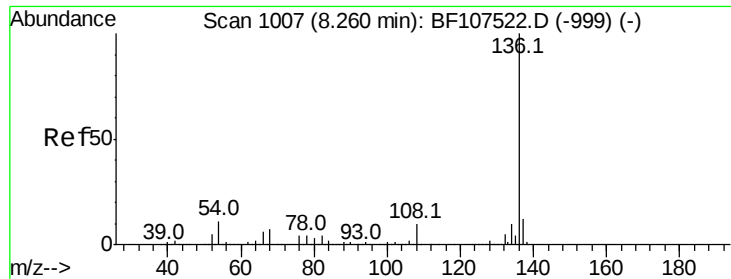
Sohil
7/25/2018 12:58:41 PM



#20
3+4-Methylphenols
Concen: 37.744 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	121.1	26.7	66.7#
79	28.3	6.3	46.3





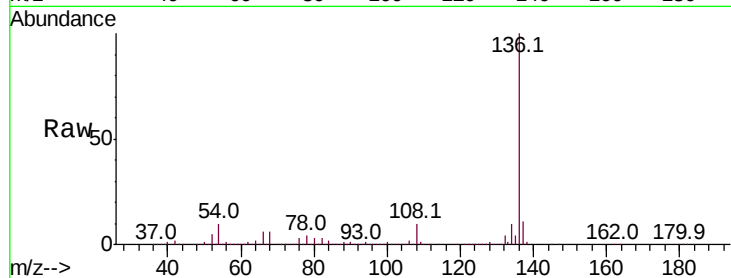
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	9.7	6.6	9.8	
68	5.8	5.0	7.4	

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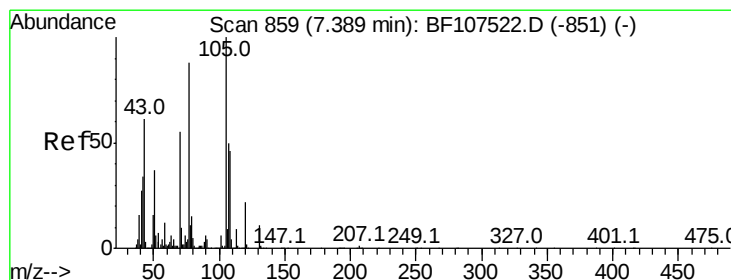
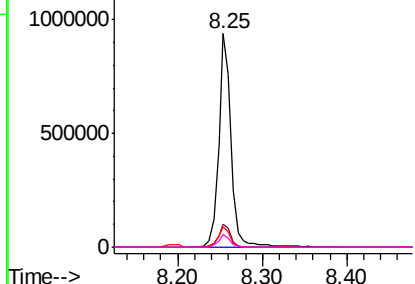
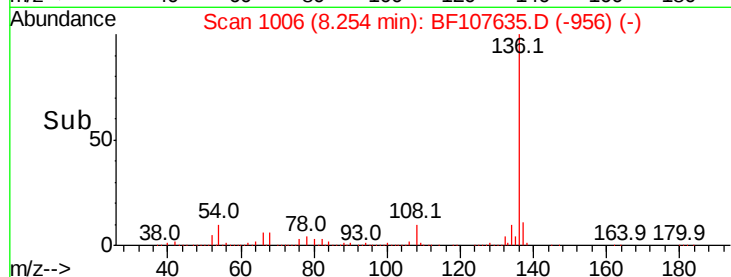
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

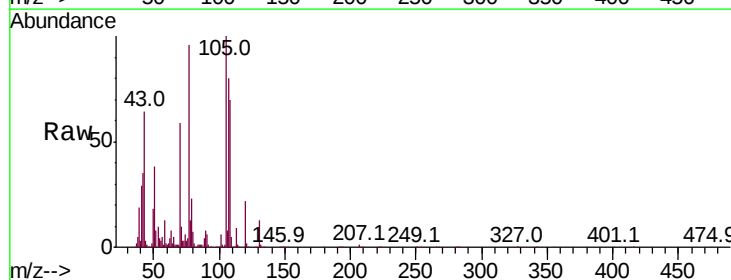
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.796 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.5	4.4	6.6#	
51	38.4	22.3	33.5#	
120	21.8	16.9	25.3	



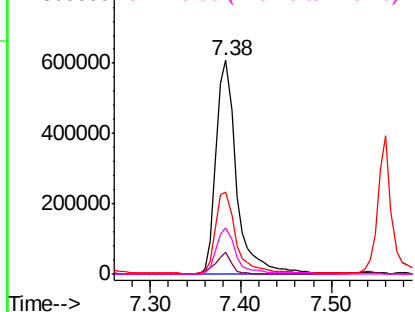
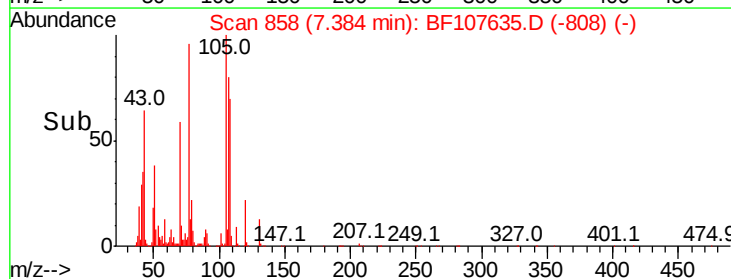
Abundance

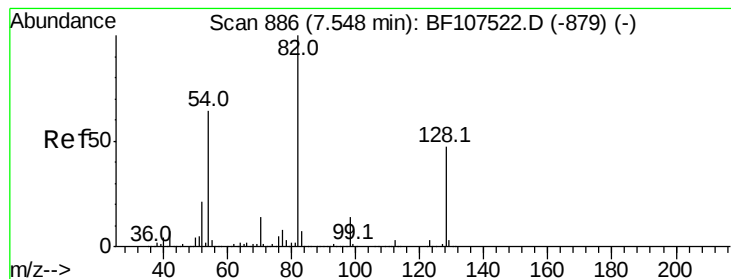
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 96.834 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tot Ion: 82 Resp: 1396768

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

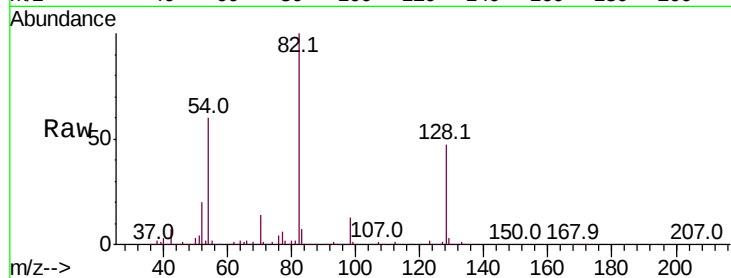
54 59.8 41.4 62.2

Manual Integrations

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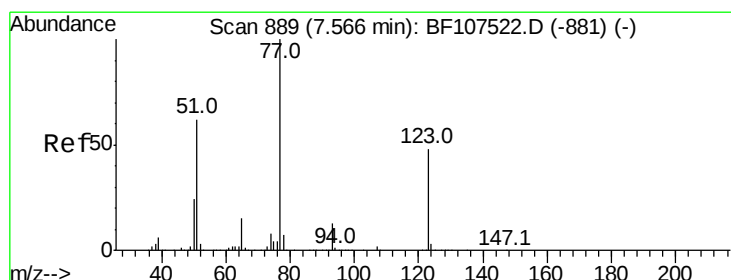
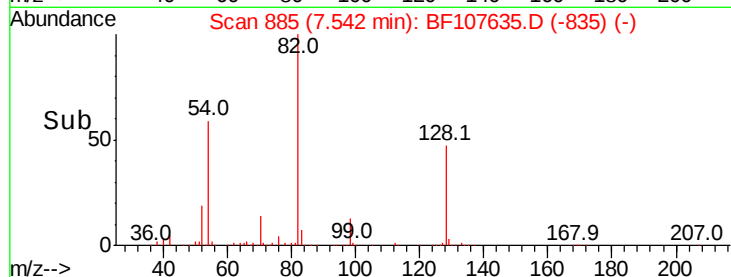
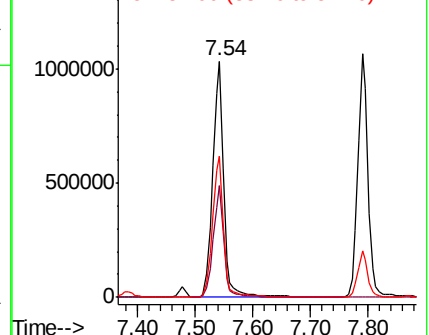
7/25/2018 12:58:41 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.772 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

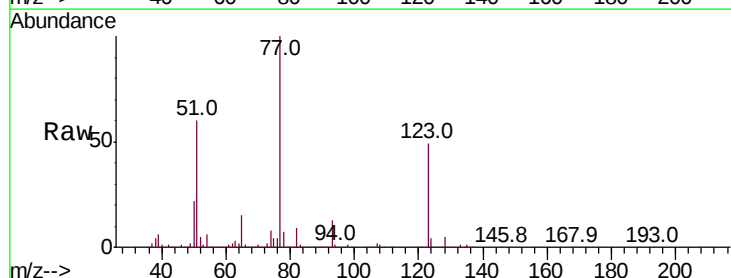
Tgt Ion: 77 Resp: 706654

Ion Ratio Lower Upper

77 100

123 48.6 37.9 56.9

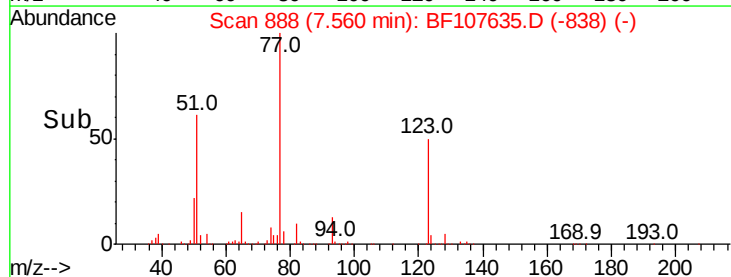
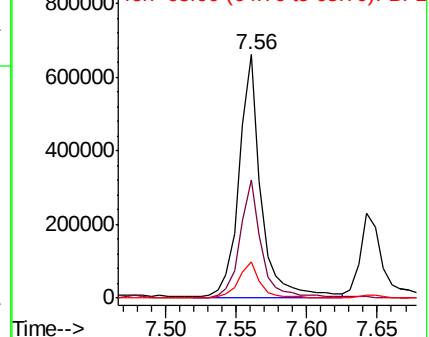
65 15.1 11.0 16.4

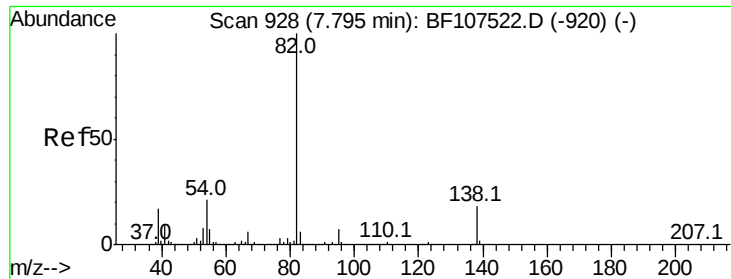


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.993 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

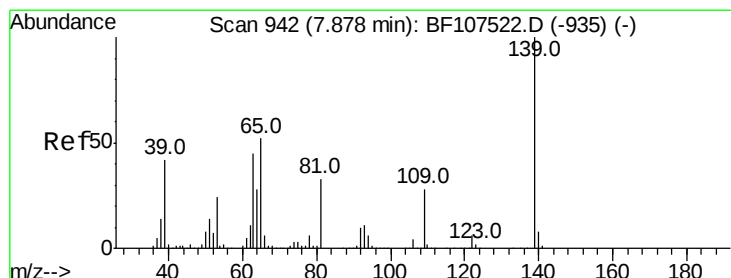
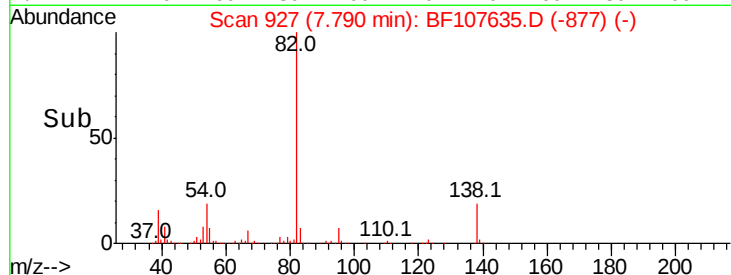
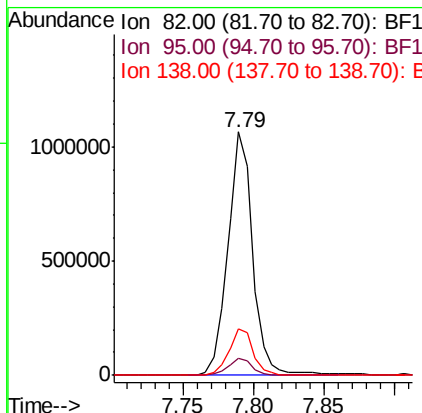
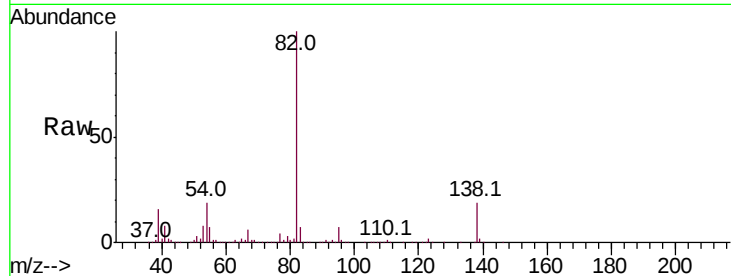
Tot Ion: 82 Resp: 1293307

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 49.200 ng

RT: 7.87 min Scan# 941

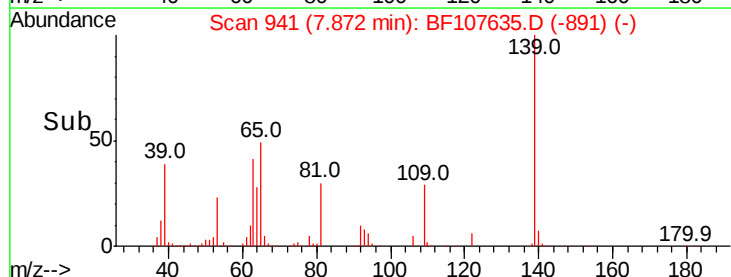
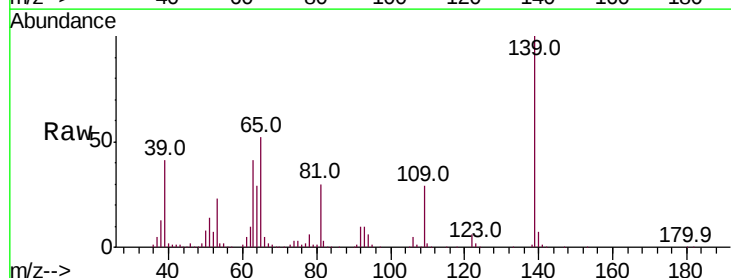
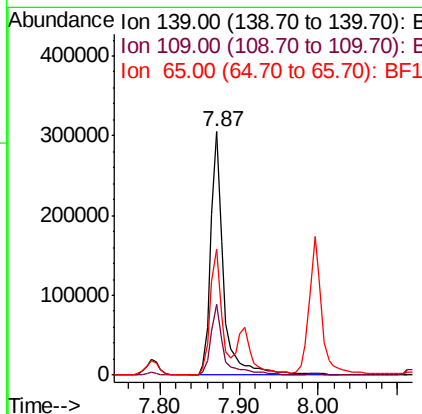
Delta R.T. -0.01 min

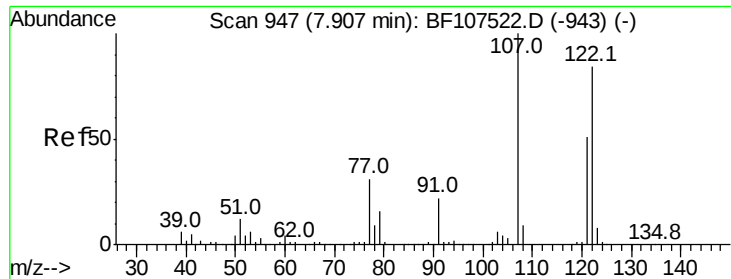
Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Tgt Ion: 139 Resp: 343256

Ion	Ratio	Lower	Upper
139	100		
109	29.2	22.7	34.1
65	51.7	40.5	60.7





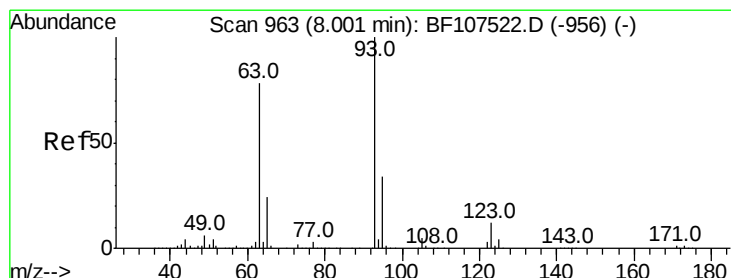
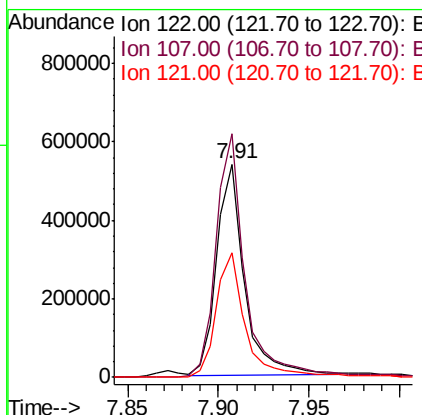
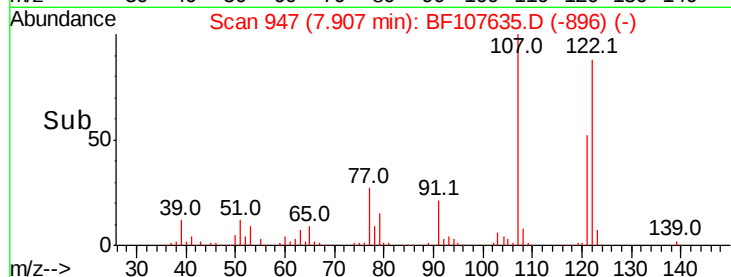
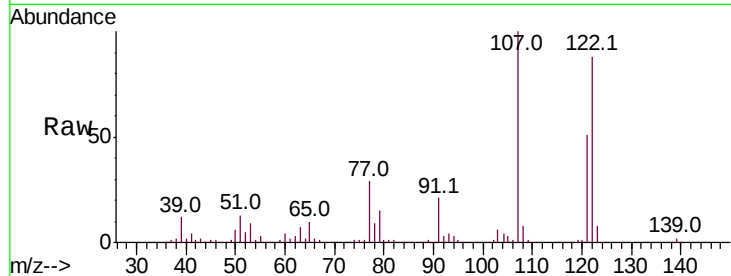
#27
2,4-Dimethylphenol
Concen: 43.573 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	91.2	136.8
121	58.6	47.2	70.8

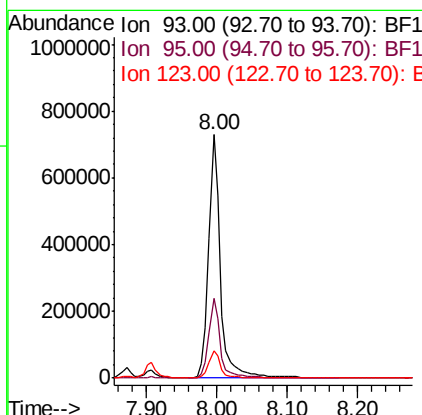
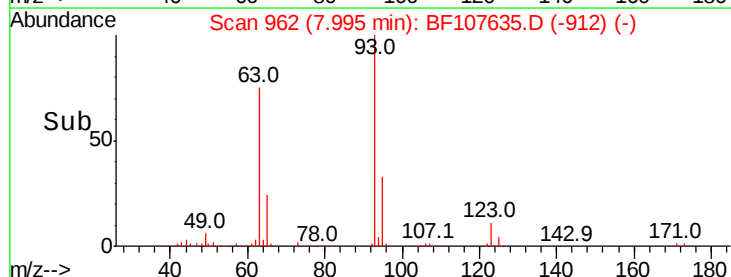
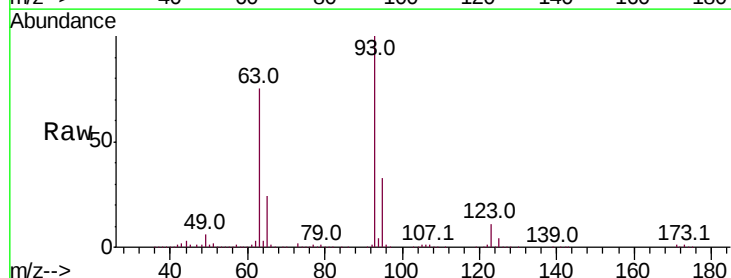
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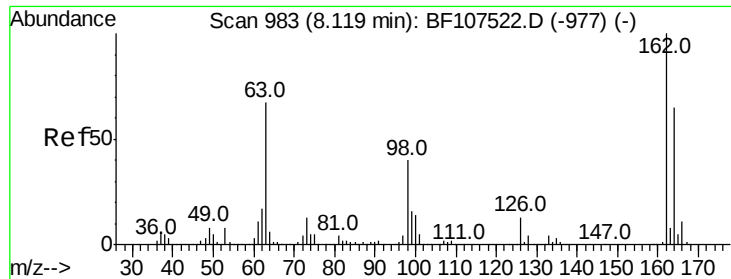
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#28
bis(2-Chloroethoxy)methane
Concen: 40.691 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.1	9.8	14.6





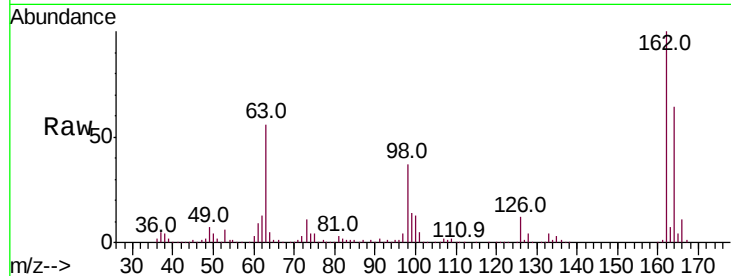
#29
2,4-Dichlorophenol
Concen: 43.195 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	583055		
164	64.0	42.7	82.7	
98	36.5	18.1	58.1	

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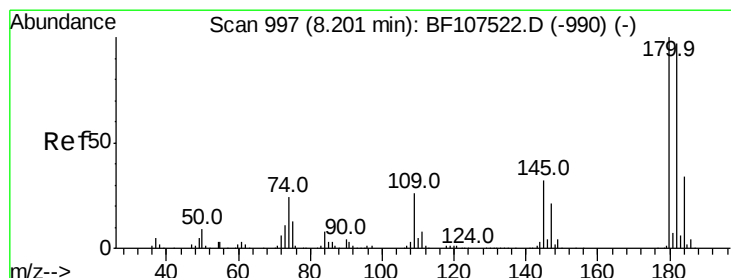
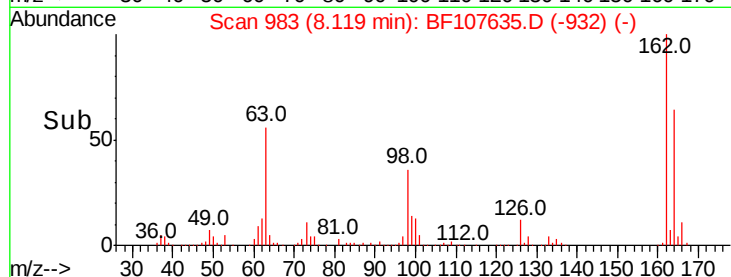
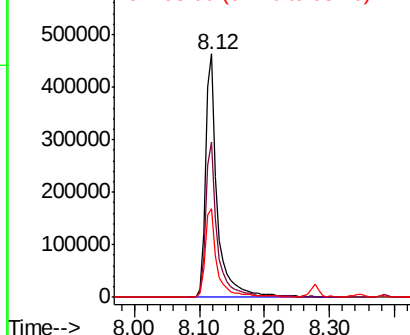


Abundance

Ion 162.00 (161.70 to 162.70): E

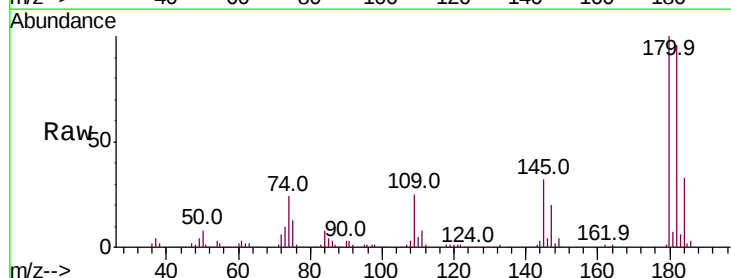
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.728 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	602304		
182	95.8	76.8	115.2	
145	32.3	26.5	39.7	

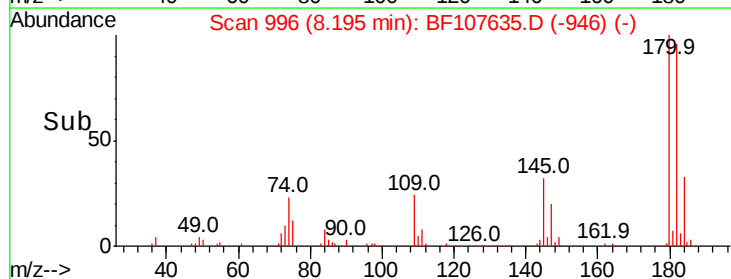
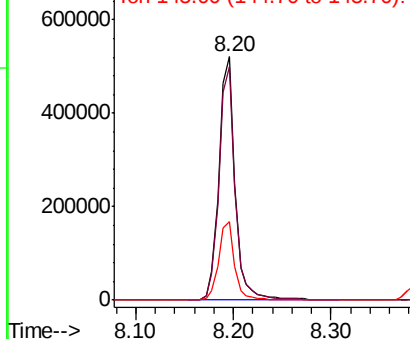


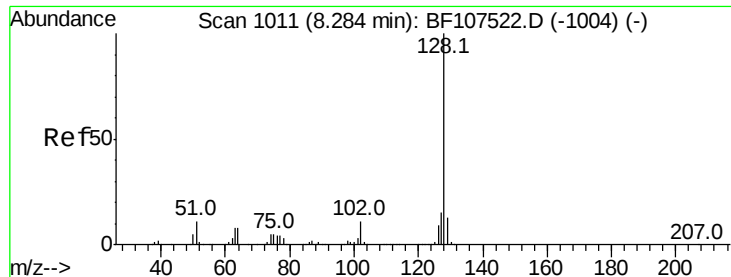
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





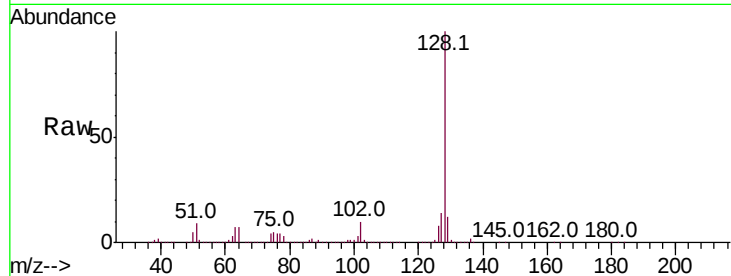
#31
Naphthalene
Concen: 44.562 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

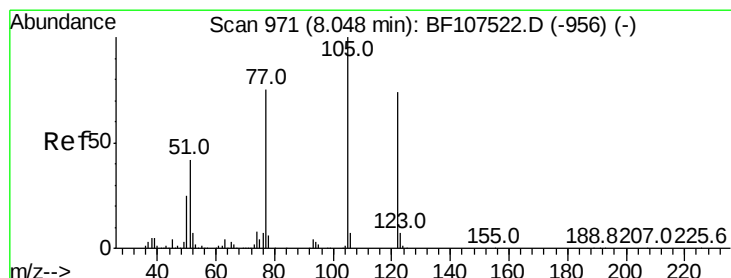
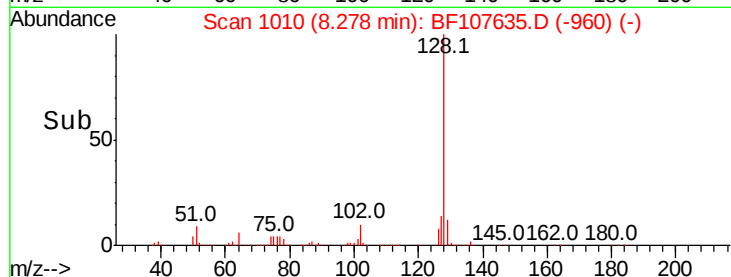
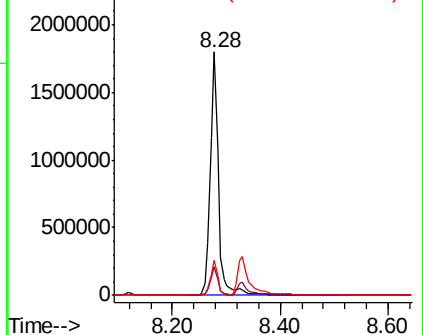
Tot Ion:128 Resp: 1907593
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.3 10.9 16.3

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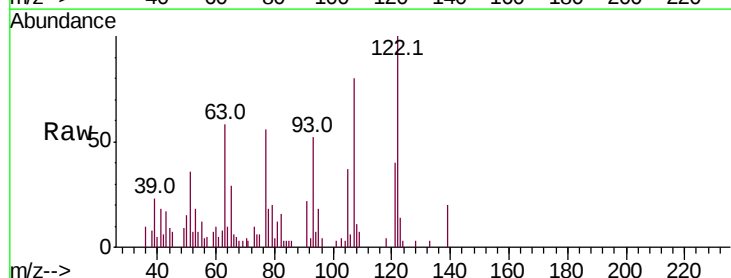


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

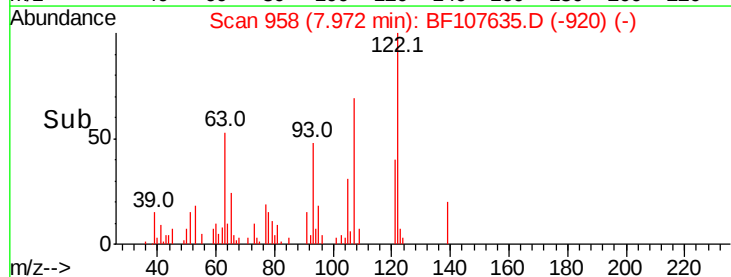
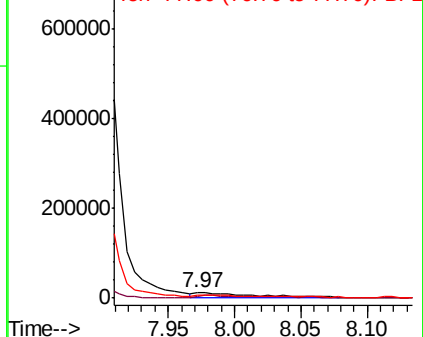


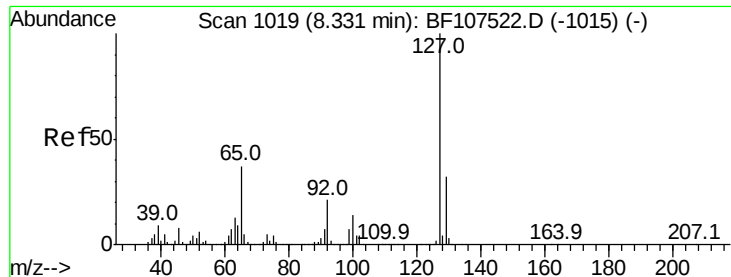
#32
Benzoic acid
Concen: 10.666 ng m
RT: 7.97 min Scan# 958
Delta R.T. -0.08 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:122 Resp: 30529
Ion Ratio Lower Upper
122 100
105 36.5 101.1 141.1#
77 55.9 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





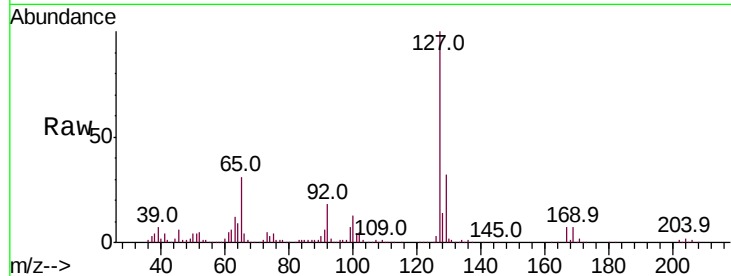
#33
4-Chloroaniline
Concen: 23.586 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	30.5	25.0	37.4	
92	17.8	15.2	22.8	

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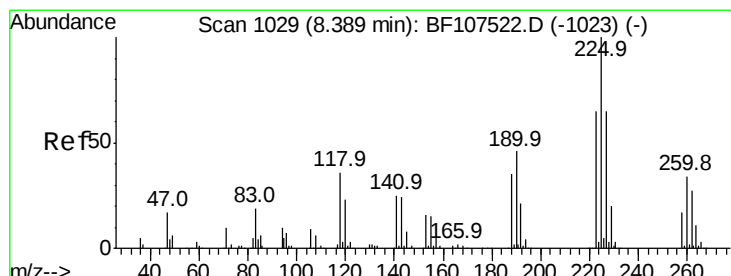
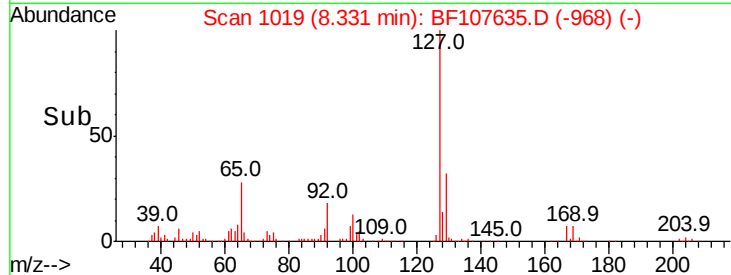
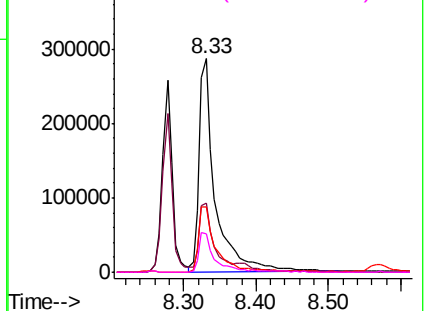
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

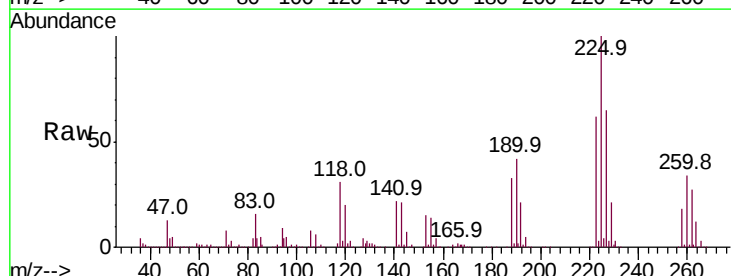
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.556 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.6	76.0	
227	64.8	51.9	77.9	

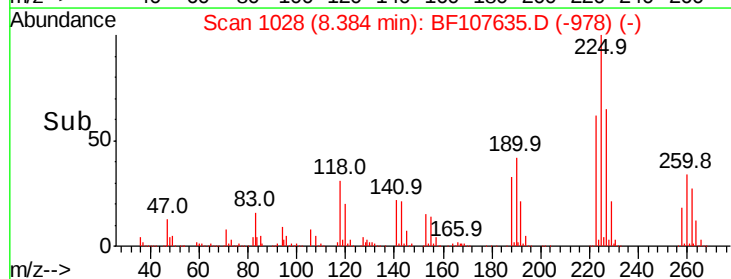
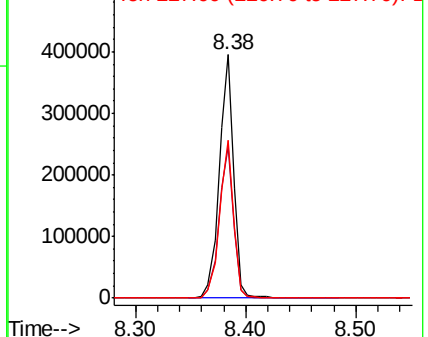


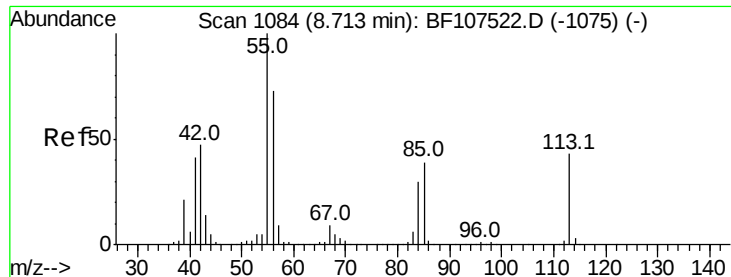
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





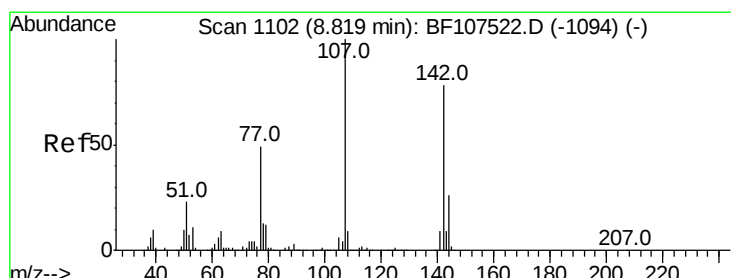
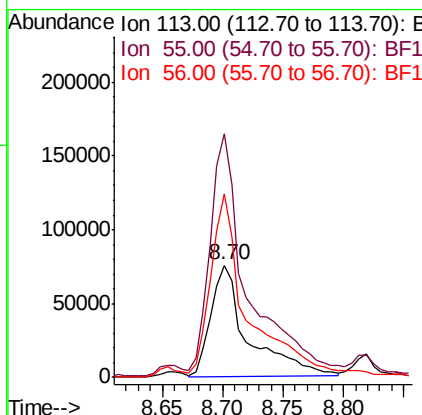
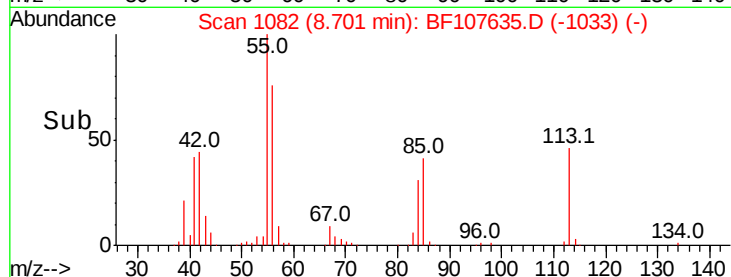
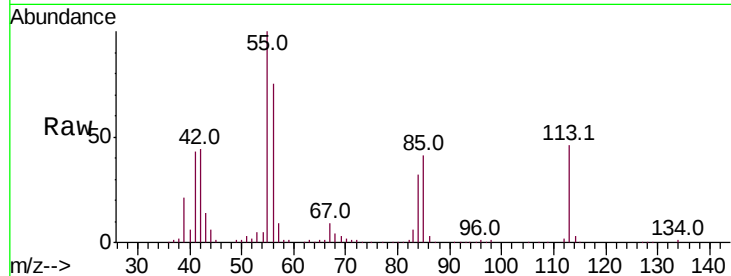
#35
 Caprolactam
 Concen: 36.251 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion:113 Resp: 159158
 Ion Ratio Lower Upper
 113 100
 55 216.7 163.3 203.3#
 56 163.5 115.7 155.7#

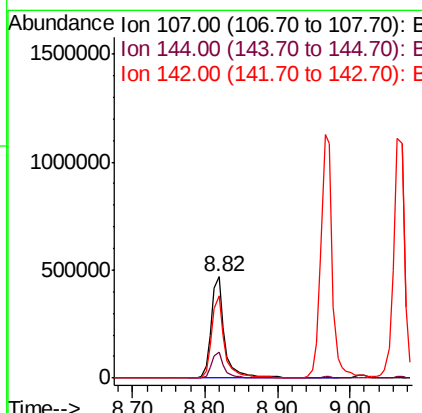
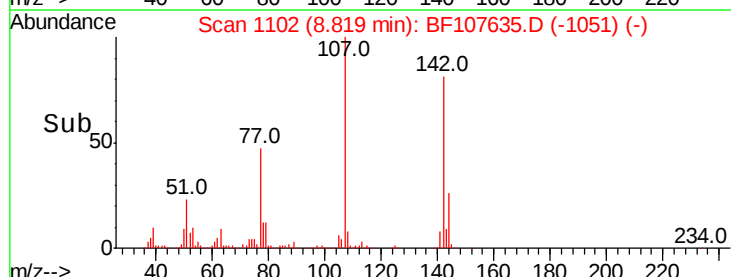
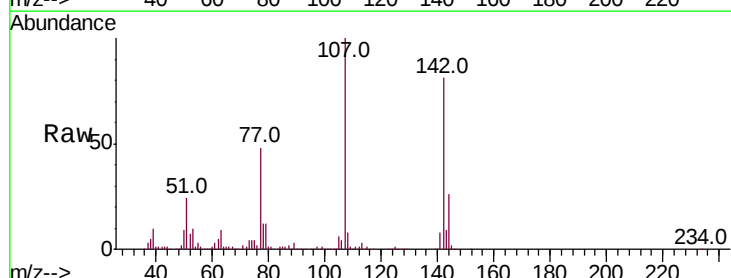
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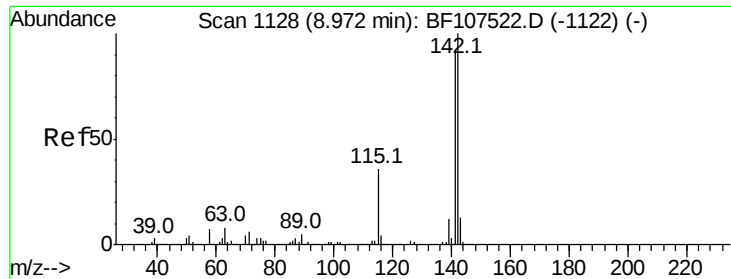
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#36
 4-Chloro-3-methylphenol
 Concen: 40.355 ng
 RT: 8.82 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:107 Resp: 605093
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.4 62.0 93.0





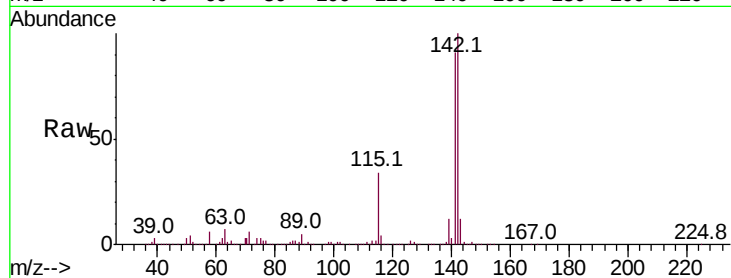
#37
2-Methylnaphthalene
Concen: 42.264 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	34.0	26.1	39.1

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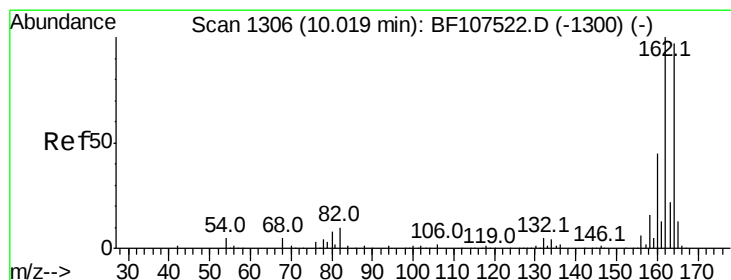
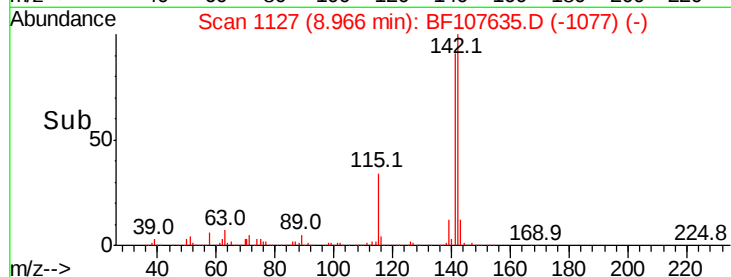
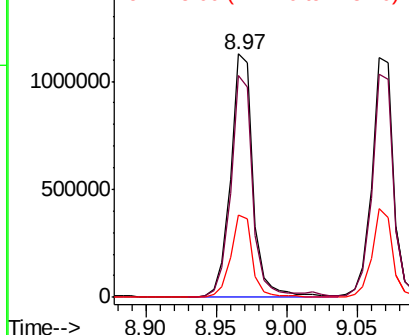


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

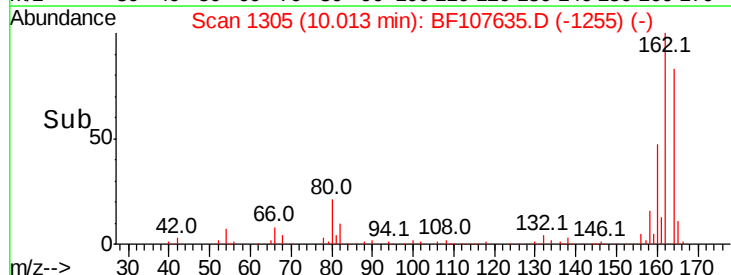
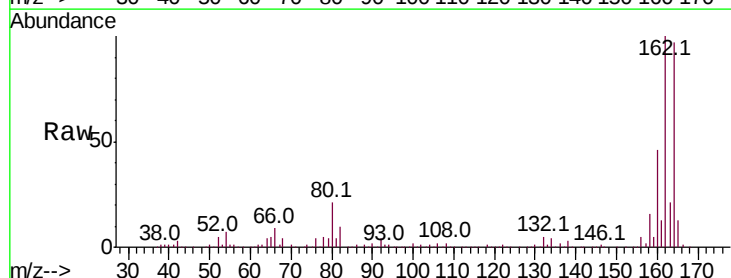
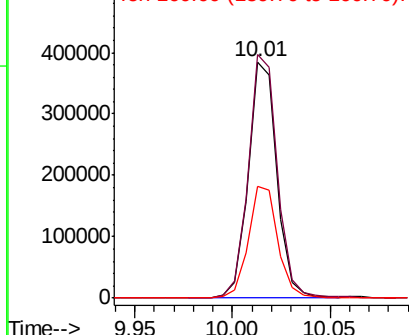
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.4	38.3	57.5

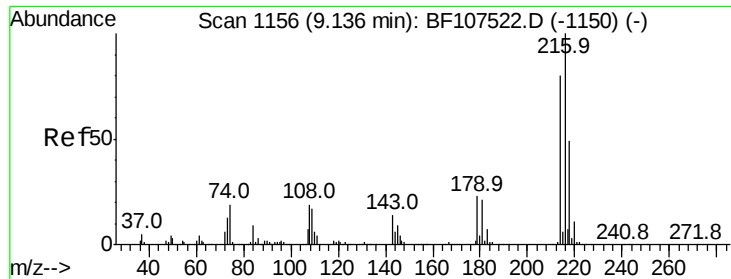
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





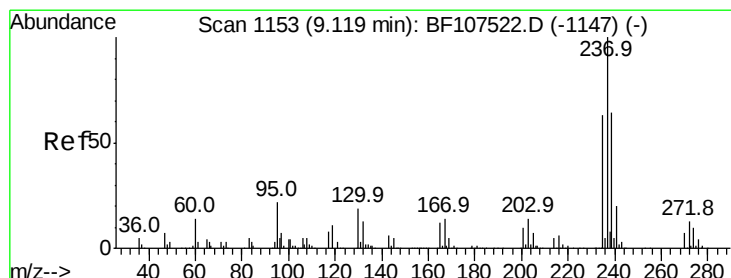
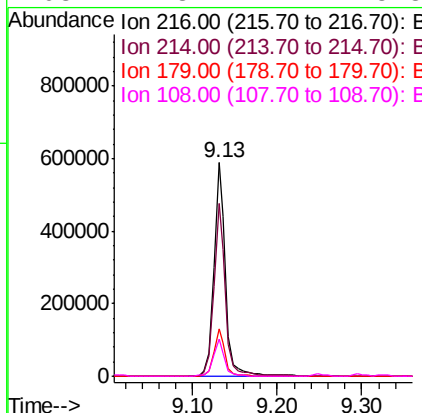
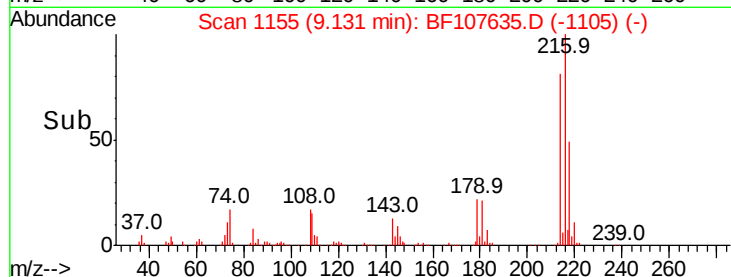
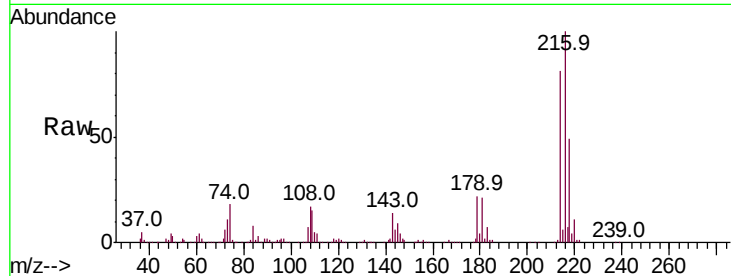
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.766 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	582319		
214	80.6	63.0	94.4	
179	21.6	18.1	27.1	
108	17.3	17.2	25.8	

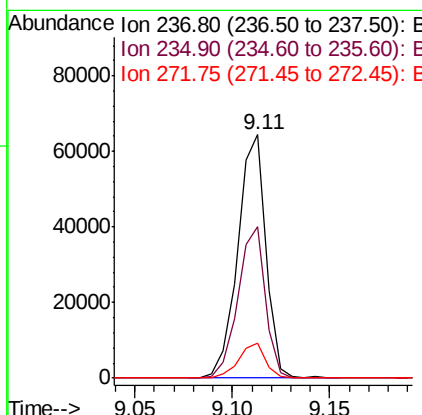
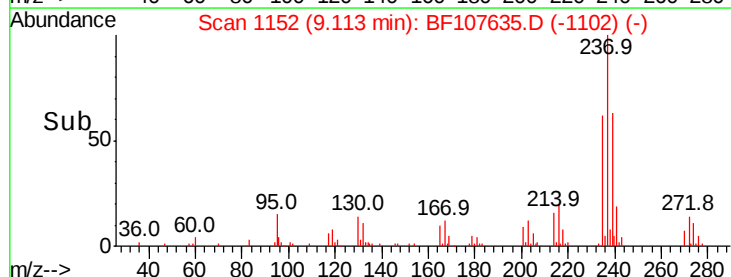
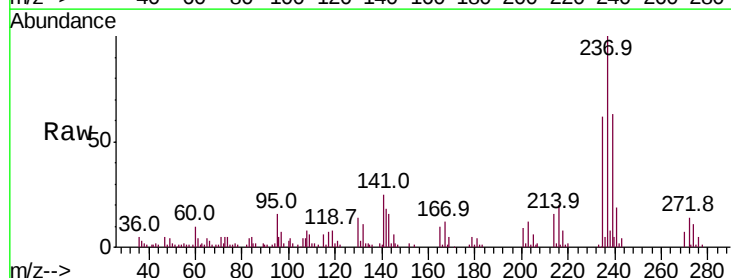
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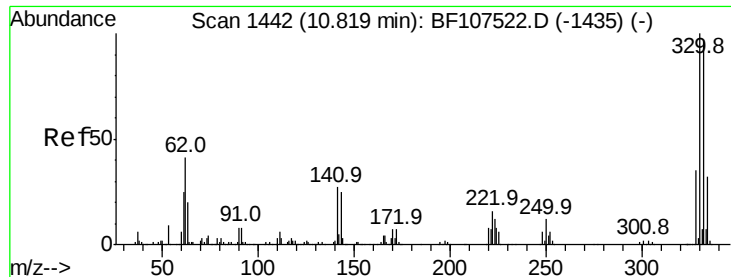
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#40
 Hexachlorocyclopentadiene
 Concen: 9.708 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	64194		
235	62.4	44.8	84.8	
272	14.2	0.0	33.3	





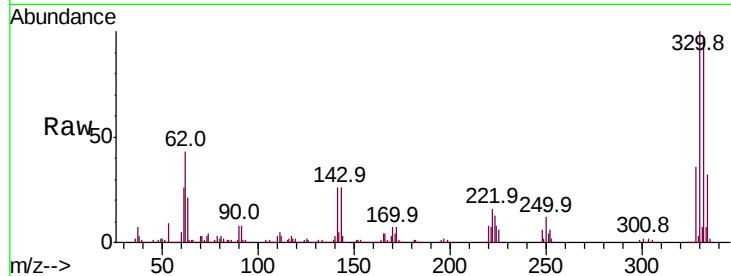
#41
 2,4,6-Tribromophenol
 Concen: 116.895 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

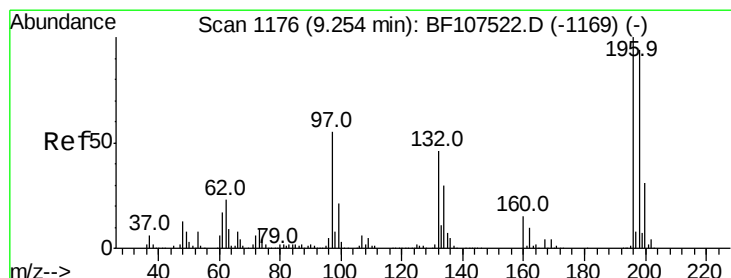
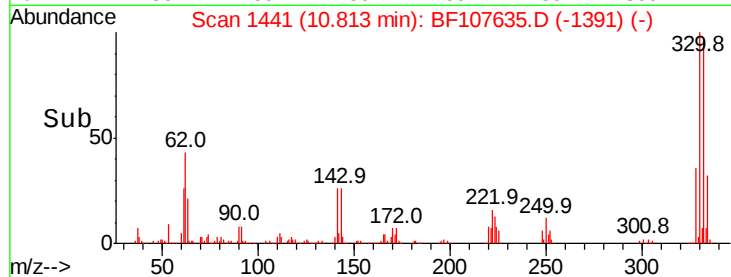
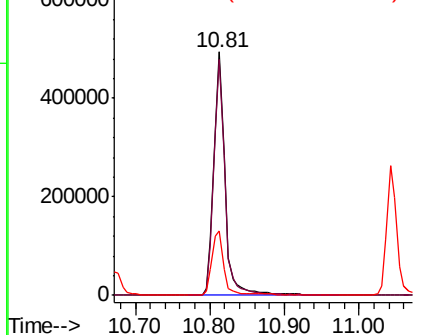
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	27.7	29.9	44.9	

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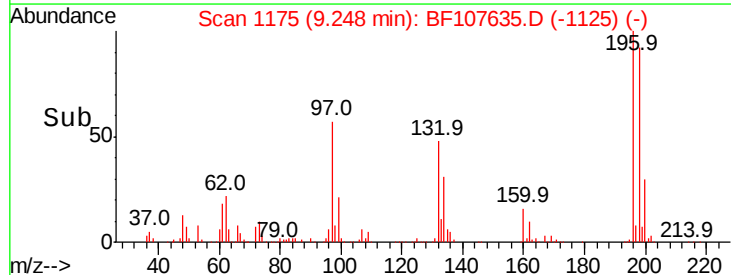
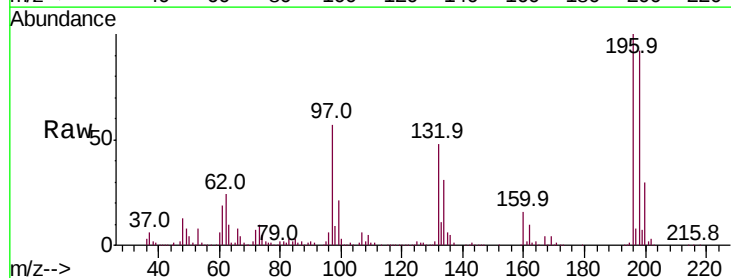
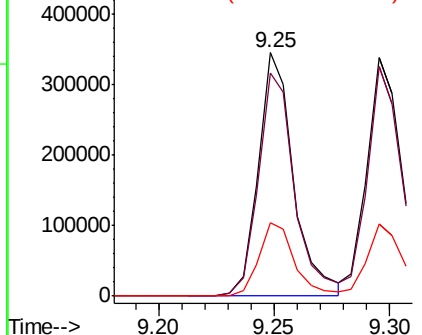
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

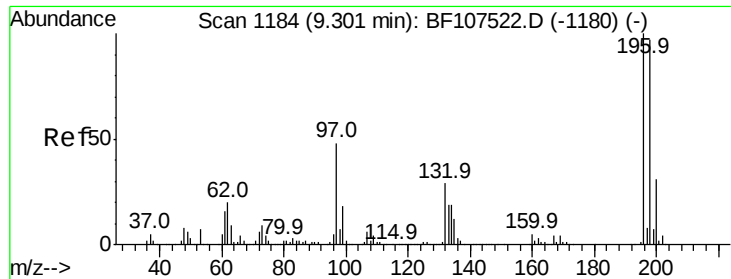


#42
 2,4,6-Trichlorophenol
 Concen: 44.050 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	91.5	75.7	113.5	
200	29.9	24.5	36.7	

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





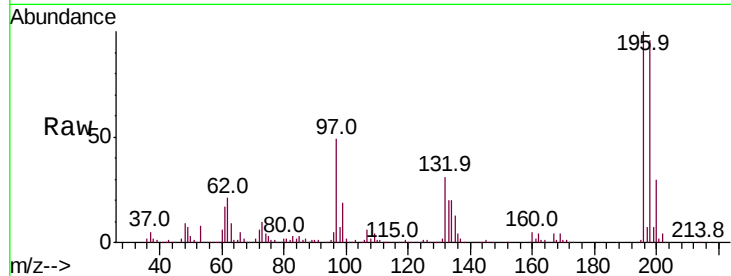
#43
 2,4,5-Trichlorophenol
 Concen: 44.755 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

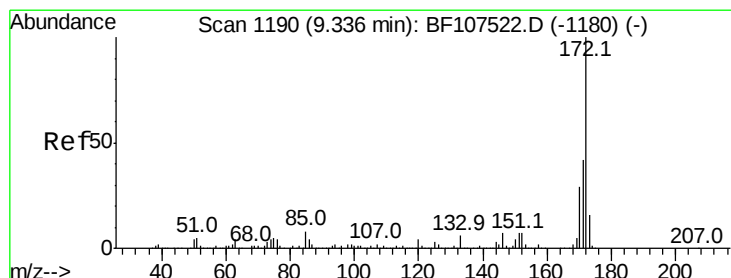
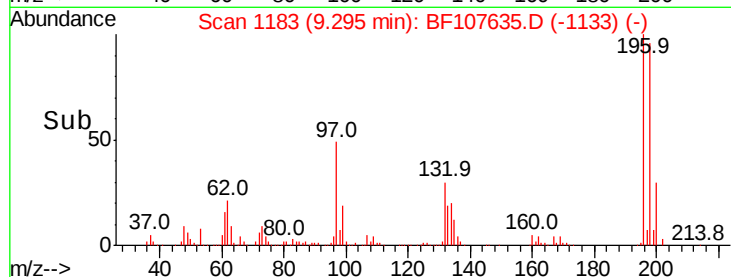
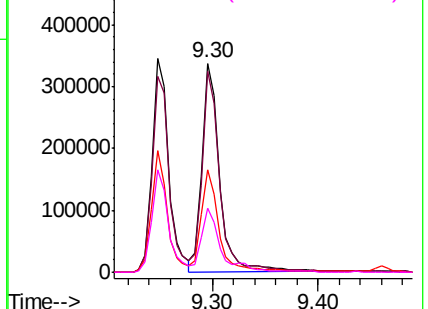
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	74.6	112.0	
97	49.2	42.9	64.3	
132	30.5	26.3	39.5	

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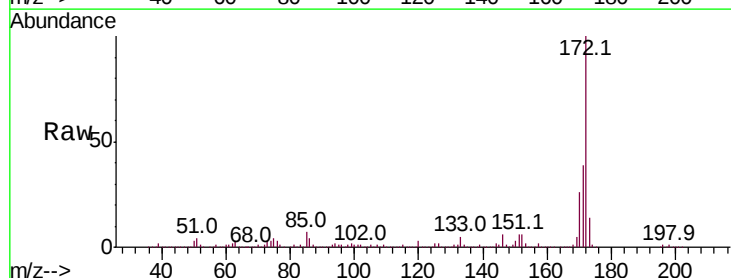


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

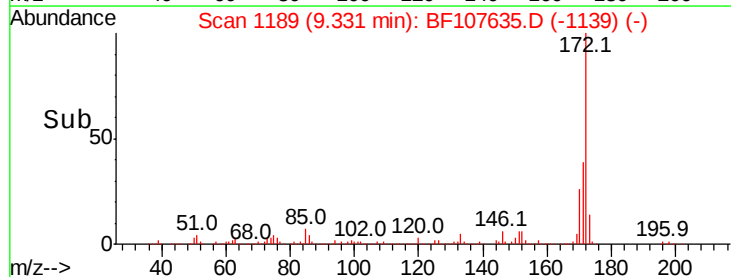
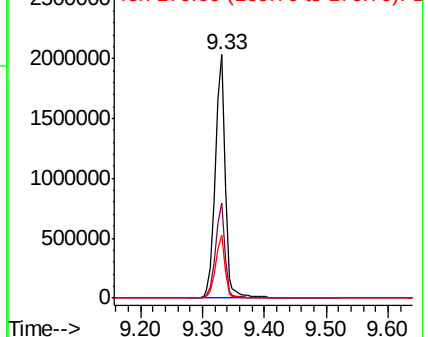


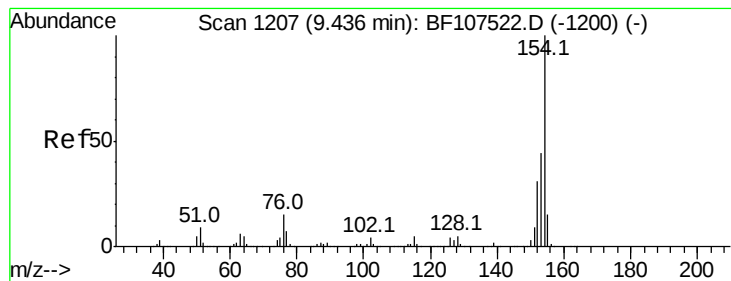
#44
 2-Fluorobiphenyl
 Concen: 102.227 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.8	29.7	44.5	
170	26.2	19.6	29.4	



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





#45

1,1'-Biphenyl

Concen: 43.537 ng

RT: 9.43 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:154 Resp: 1479093

Ion Ratio Lower Upper

154 100

153 41.8 21.3 61.3

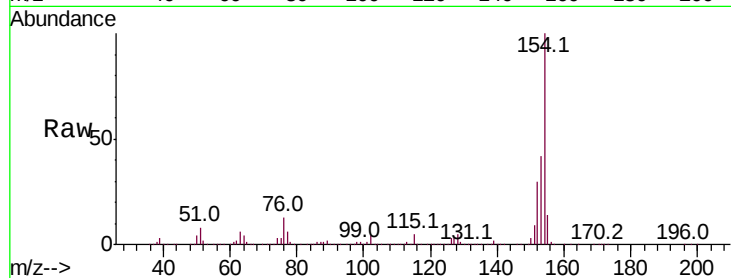
76 13.1 0.0 34.0

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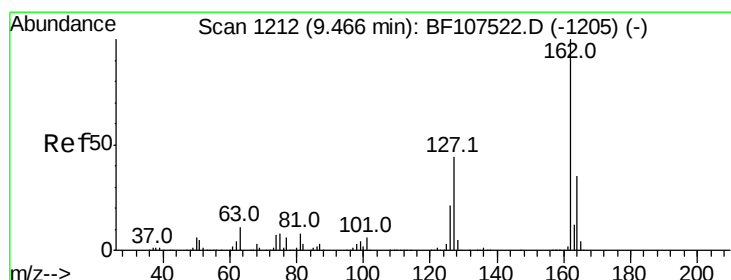
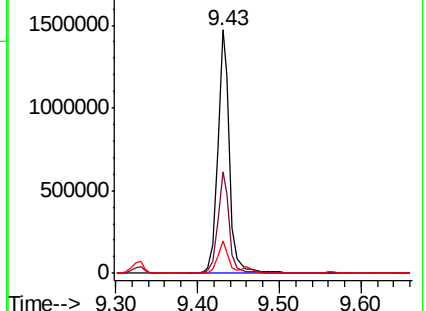
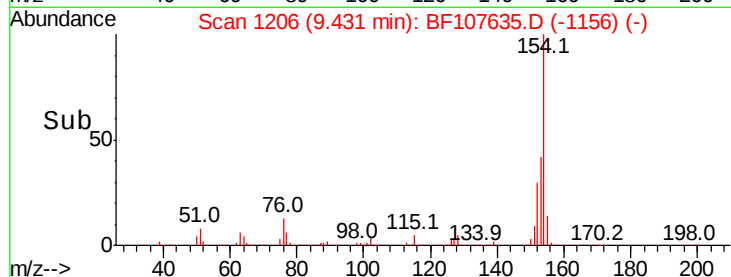
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.212 ng

RT: 9.46 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

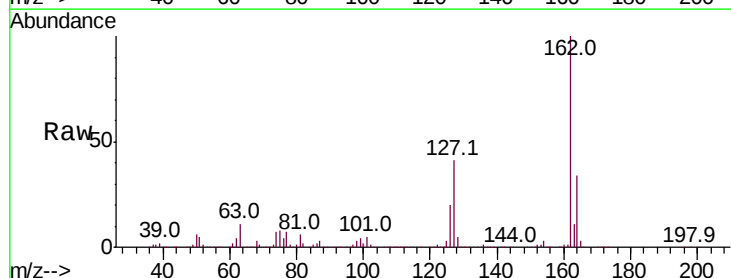
Tgt Ion:162 Resp: 1096182

Ion Ratio Lower Upper

162 100

127 41.0 33.9 50.9

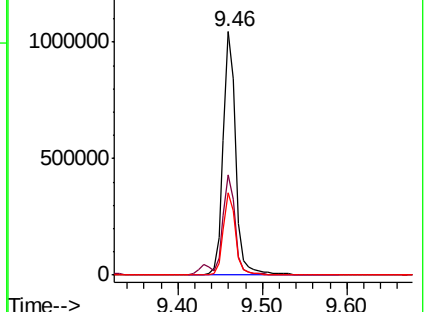
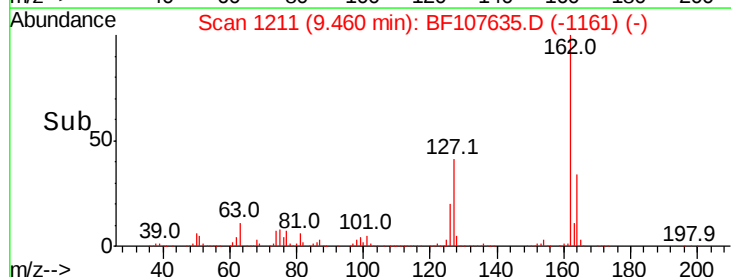
164 33.6 26.5 39.7

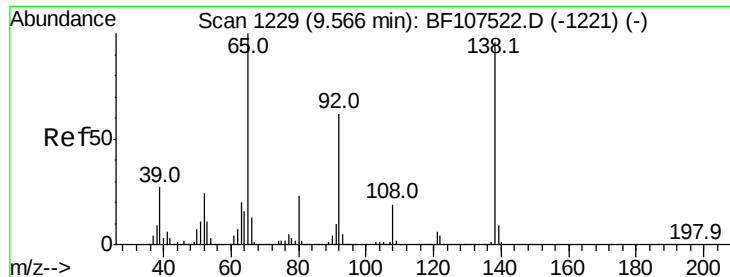


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.498 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

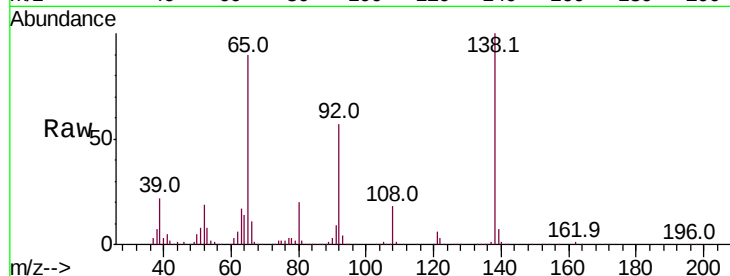
ClientSampleId :

20180413-CORE-3MSD

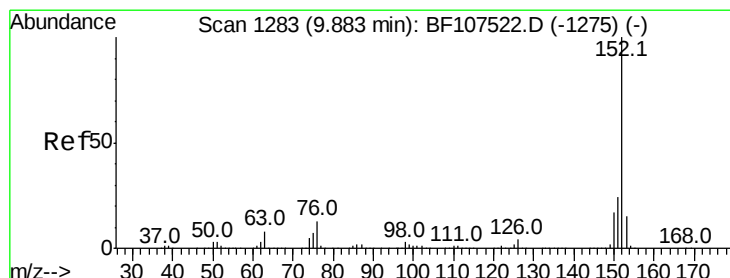
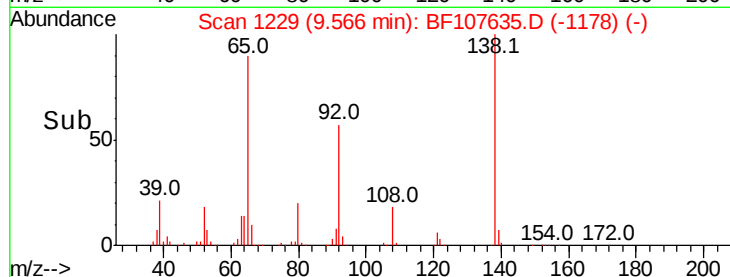
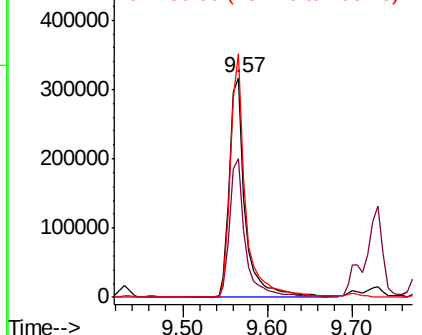
Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	55.8	83.6
138	110.9	91.2	136.8

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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.518 ng

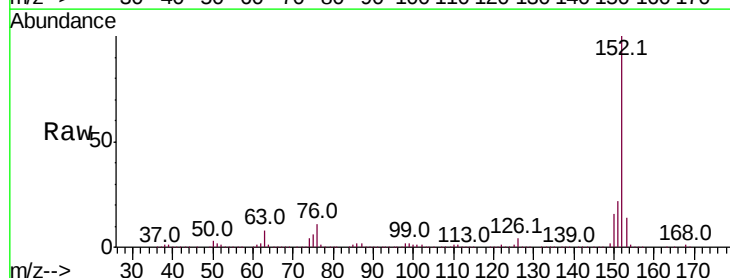
RT: 9.88 min Scan# 1282

Delta R.T. -0.01 min

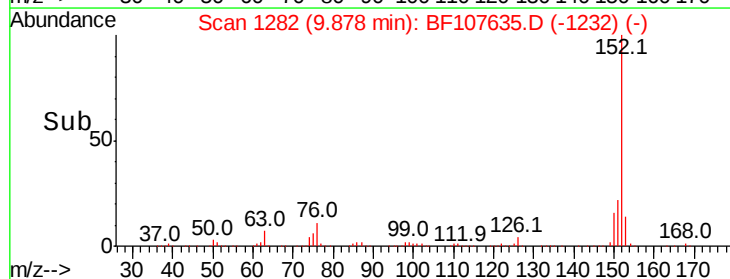
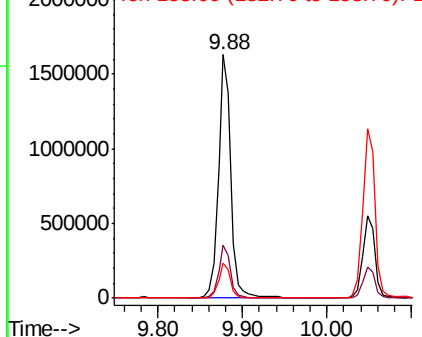
Lab File: BF107635.D

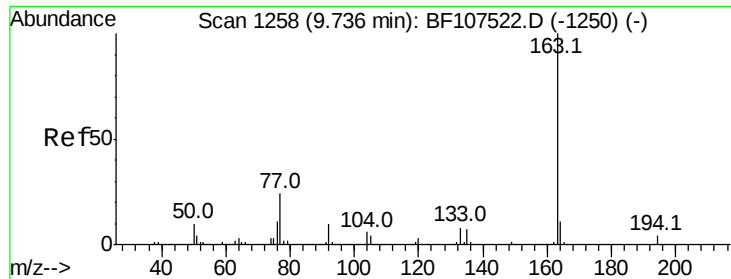
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	14.3	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





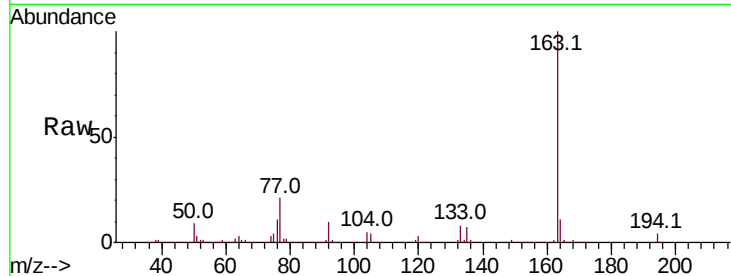
#49
Dimethylphthalate
Concen: 52.207 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

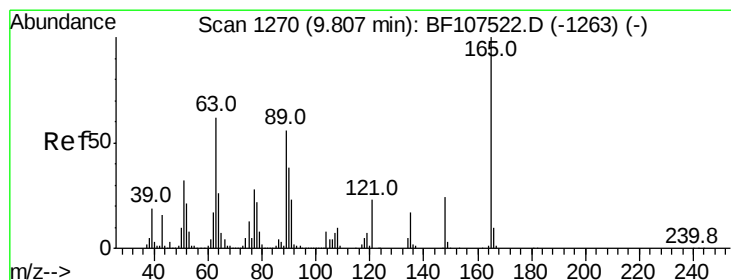
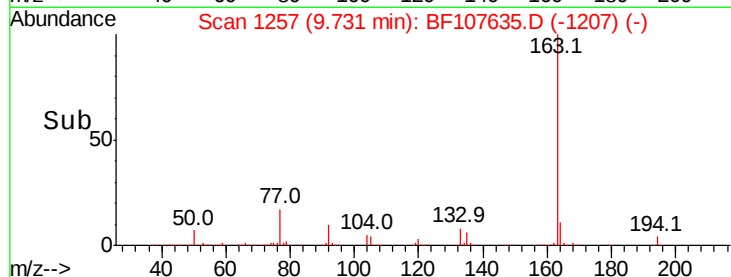
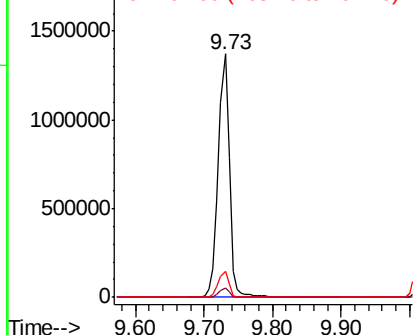
Tot Ion:163 Resp: 1534514
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.2 12.2

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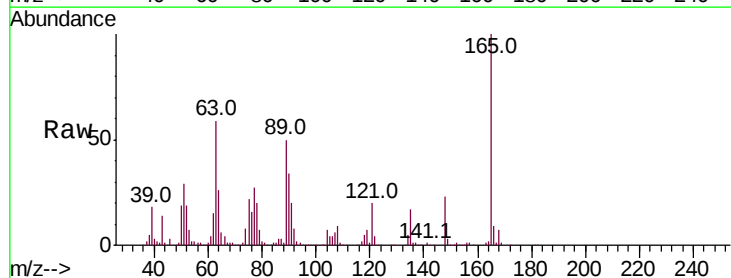


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

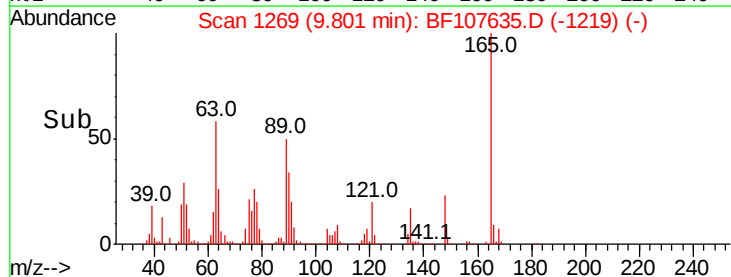
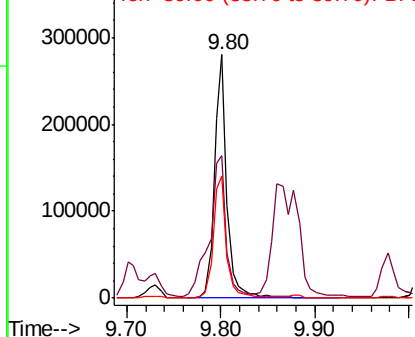


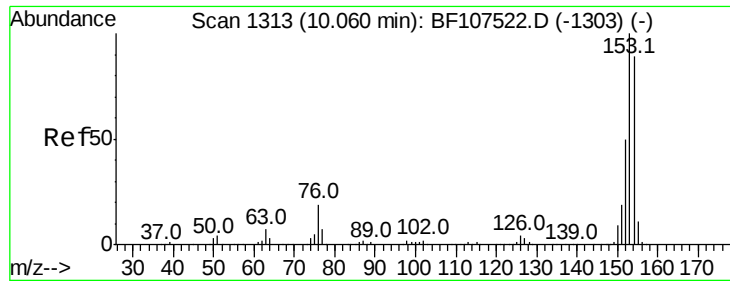
#50
2,6-Dinitrotoluene
Concen: 44.507 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:165 Resp: 259727
Ion Ratio Lower Upper
165 100
63 58.7 44.7 67.1
89 50.2 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: 41.392 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tot Ion:154 Resp: 1011687

Ion Ratio Lower Upper

154 100

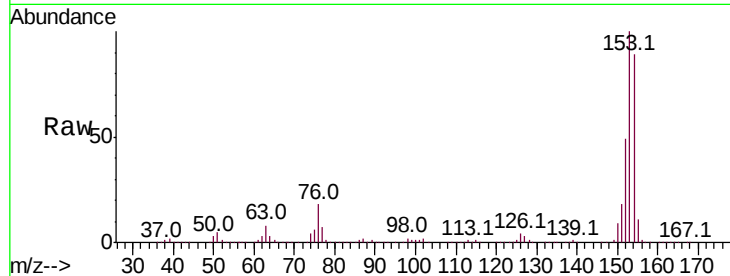
153 112.0 91.2 136.8

152 55.0 43.8 65.8

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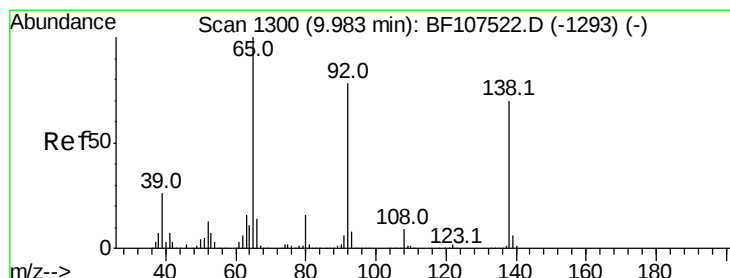
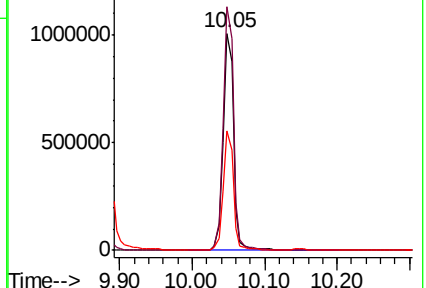
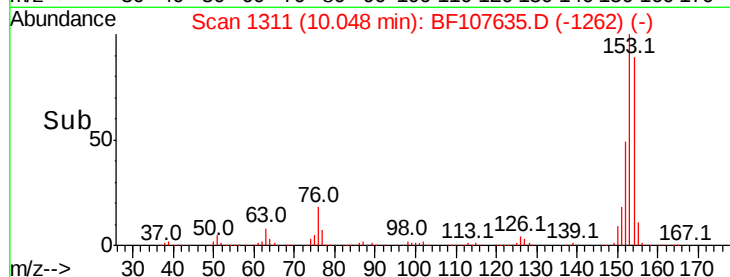
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.987 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

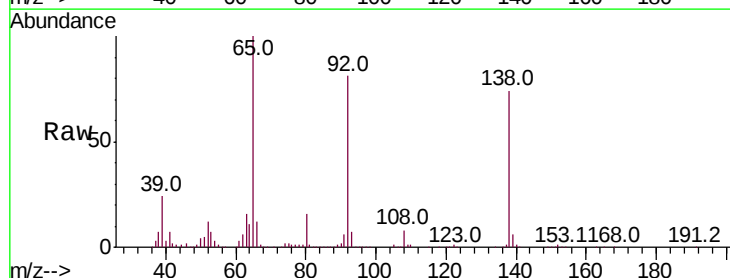
Tgt Ion:138 Resp: 305180

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

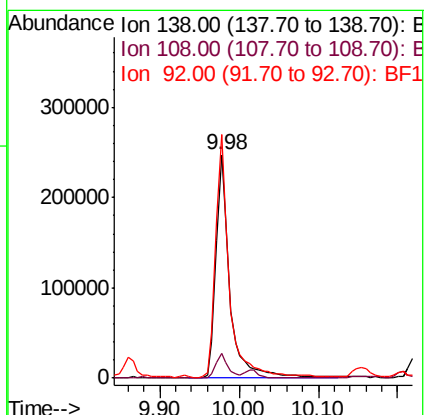
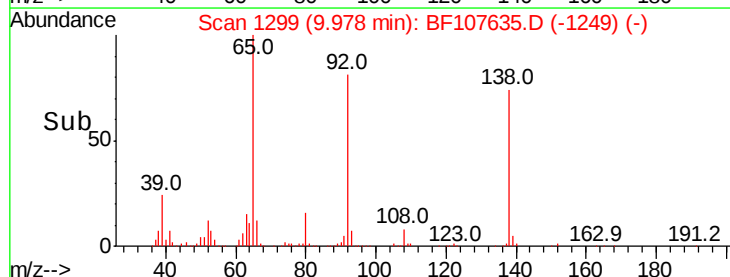
92 109.0 89.4 134.2

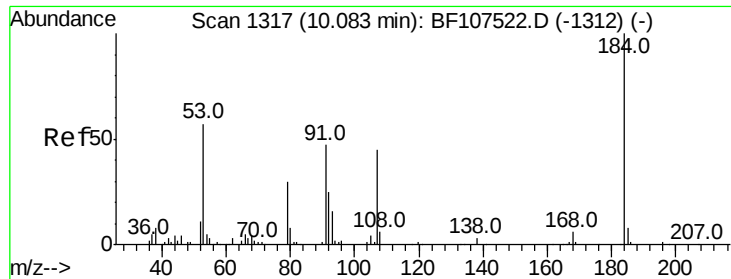


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





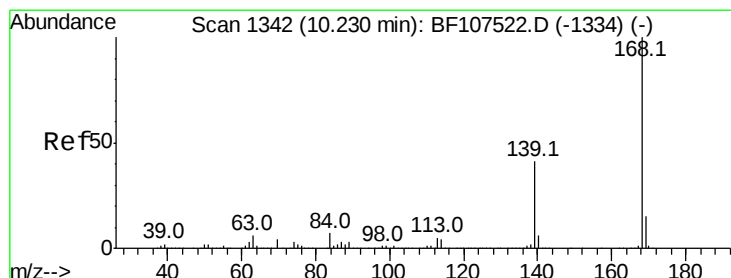
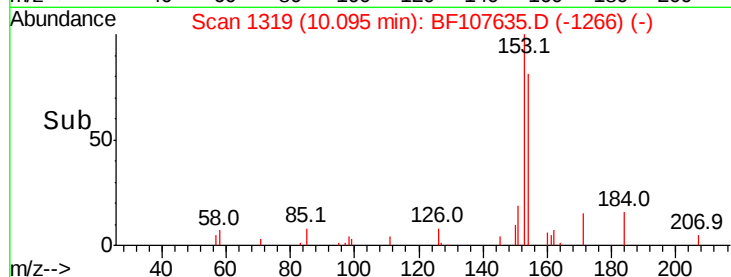
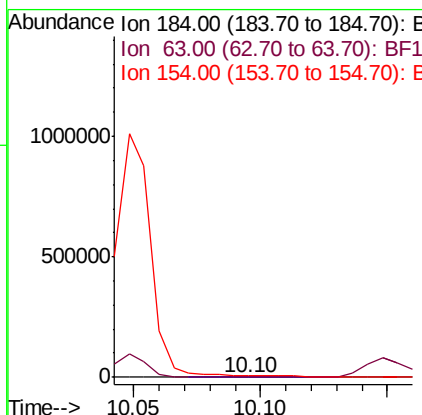
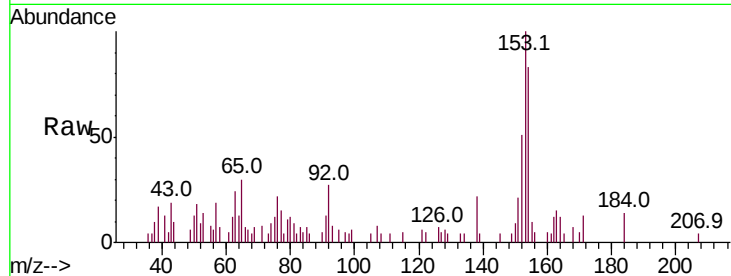
#53
 2,4-Dinitrophenol
 Concen: 9.662 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	163.8	54.2	81.2#
154	571.7	184.0	276.0#

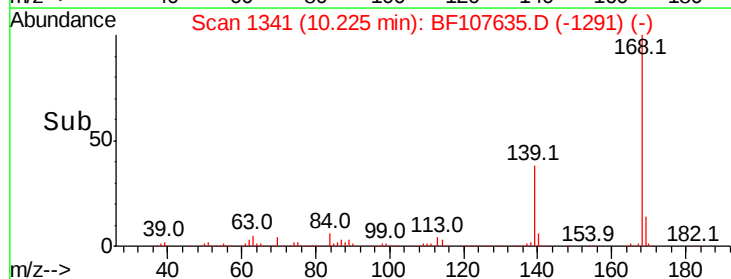
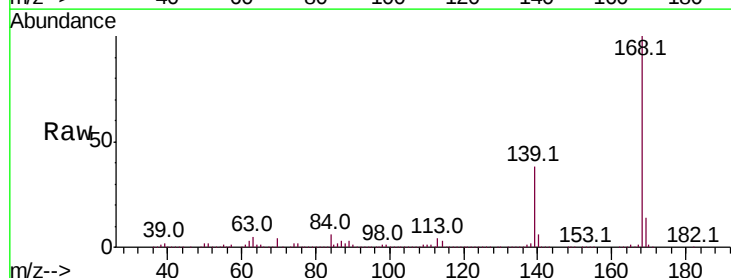
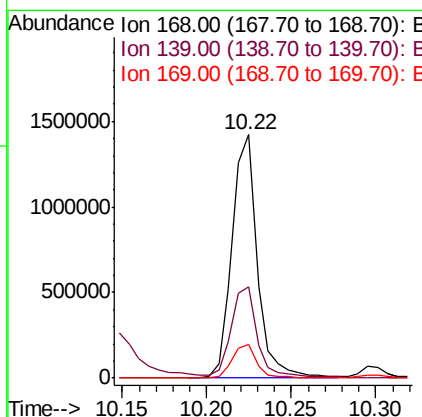
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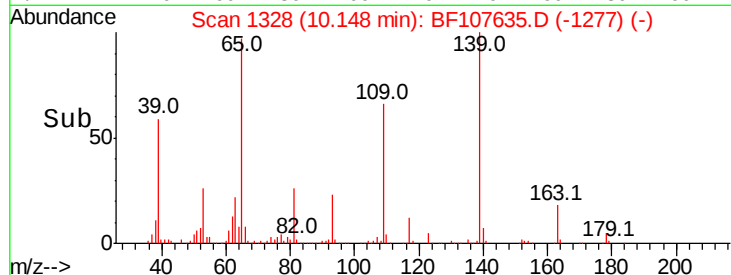
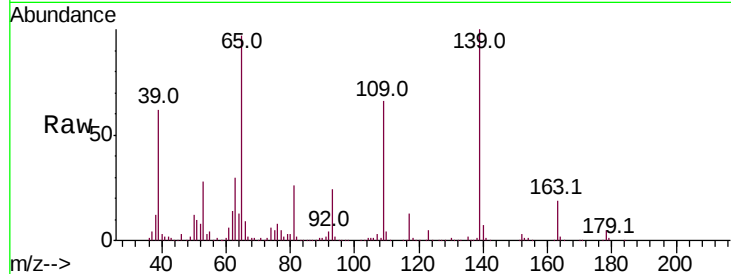
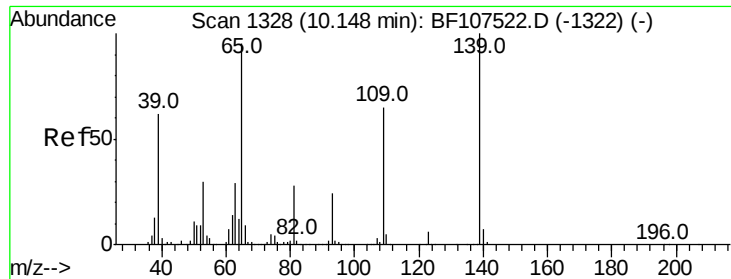
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#54
 Dibenzofuran
 Concen: 41.275 ng
 RT: 10.22 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.1	45.1
169	13.6	10.9	16.3





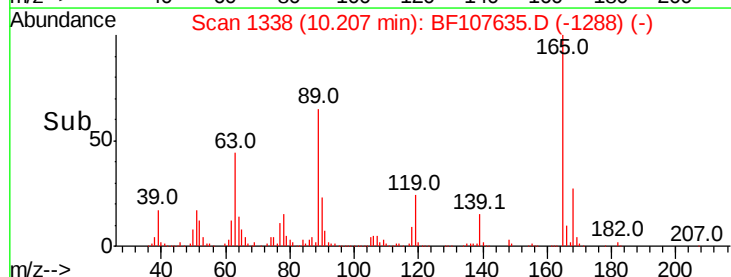
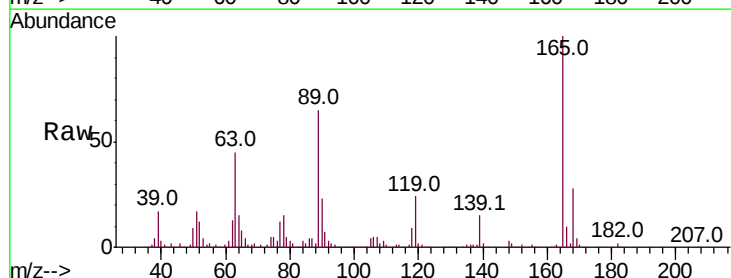
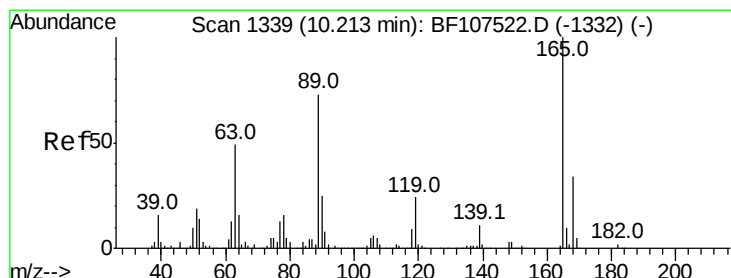
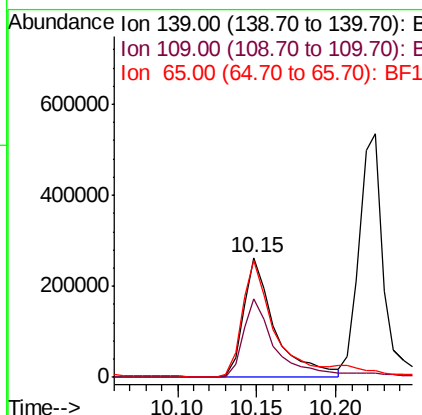
#55
4-Nitrophenol
Concen: 68.010 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.7	48.4	88.4
65	97.5	72.6	112.6

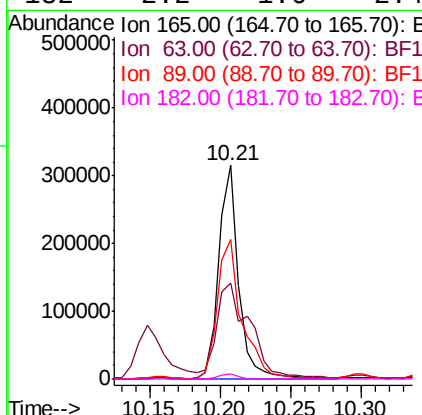
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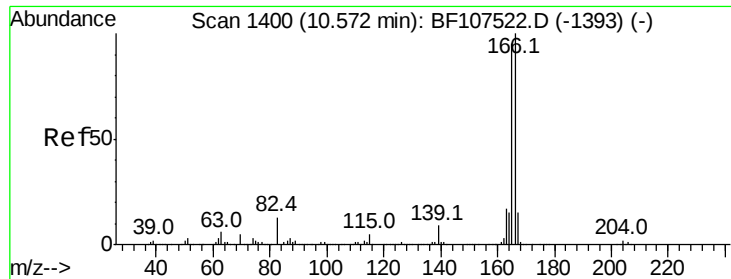
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#56
2,4-Dinitrotoluene
Concen: 43.858 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.4	54.6
89	65.4	57.8	86.6
182	2.2	1.6	2.4





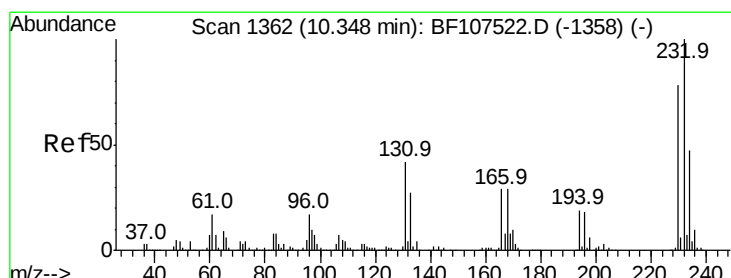
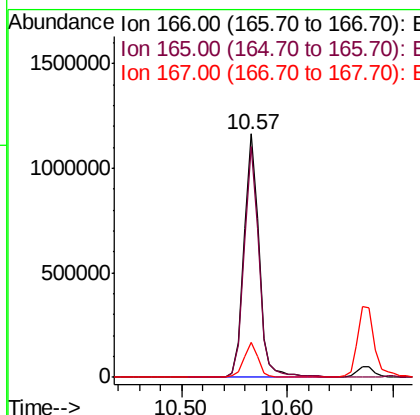
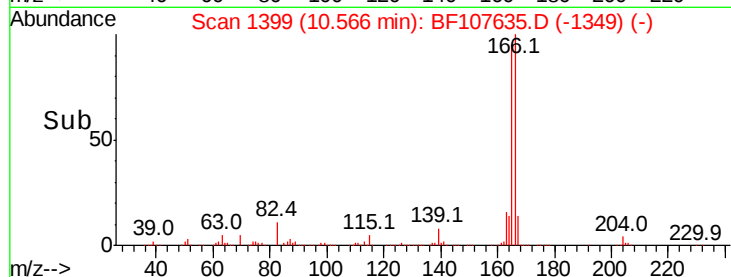
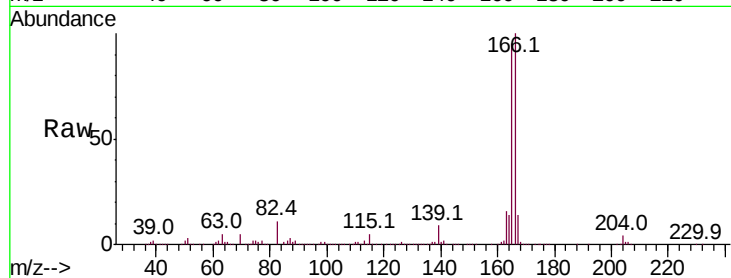
#57
 Fluorene
 Concen: 44.032 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.8	119.8
167	14.3	10.6	16.0

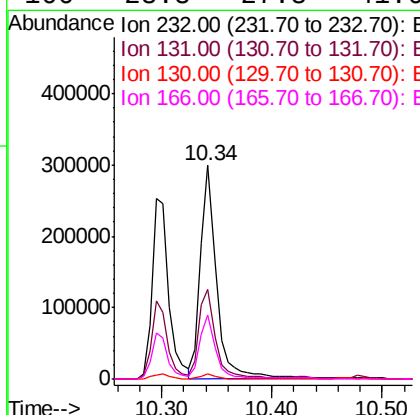
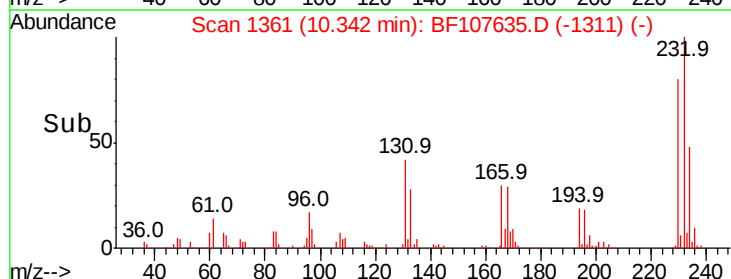
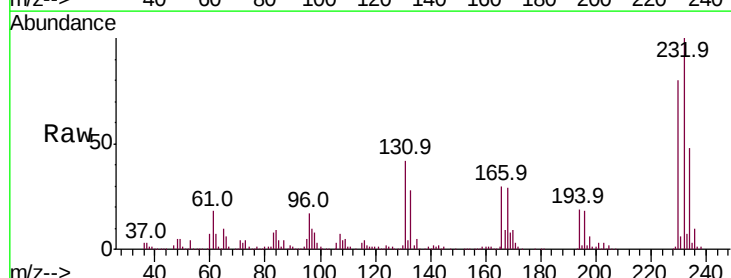
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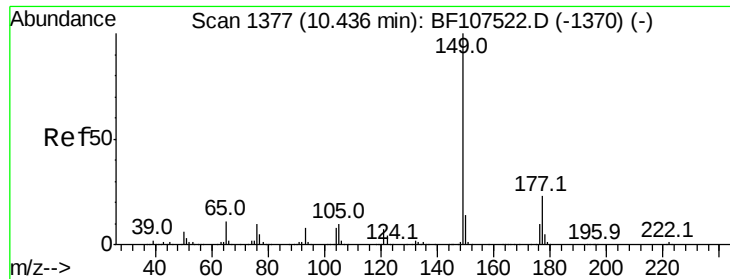
Sohil
 7/25/2018 12:58:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.425 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.1	43.8	65.8#
130	2.2	2.1	3.1
166	28.8	27.8	41.6





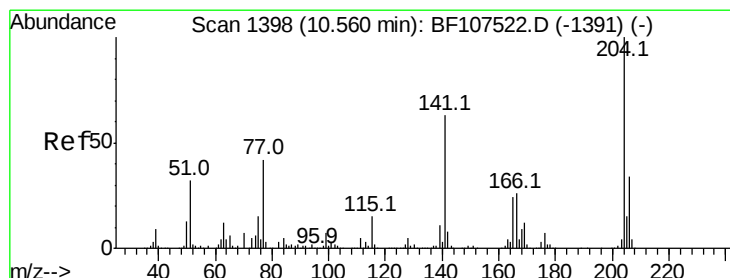
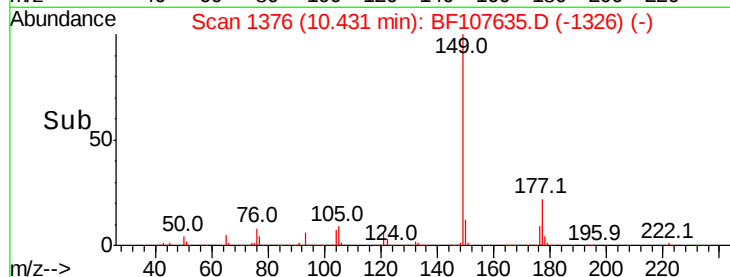
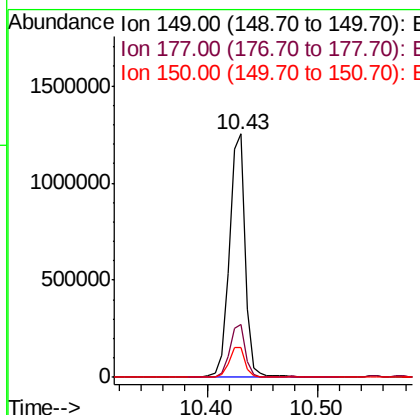
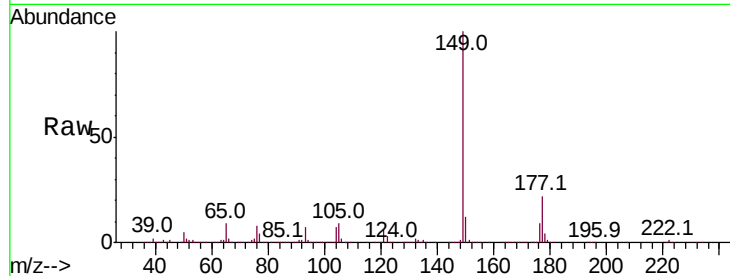
#59
Diethylphthalate
Concen: 41.219 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion:149 Resp: 1265324
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.4 10.1 15.1

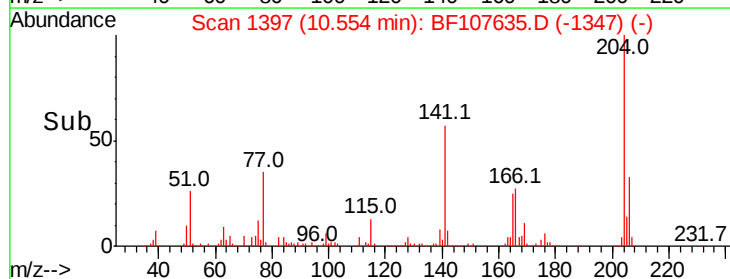
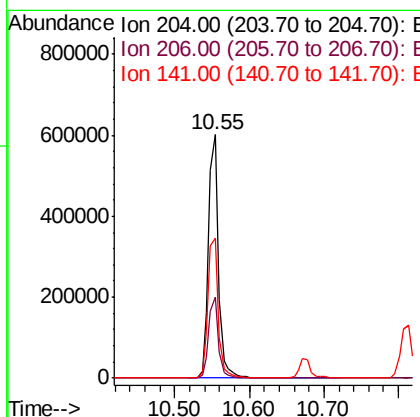
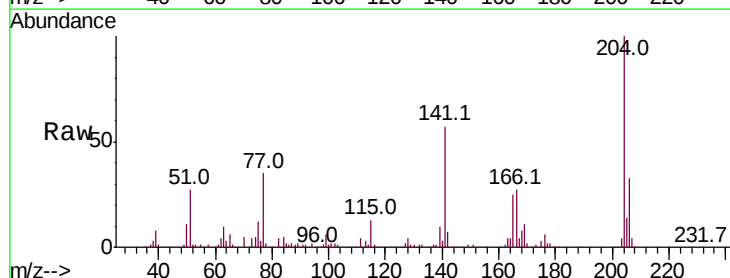
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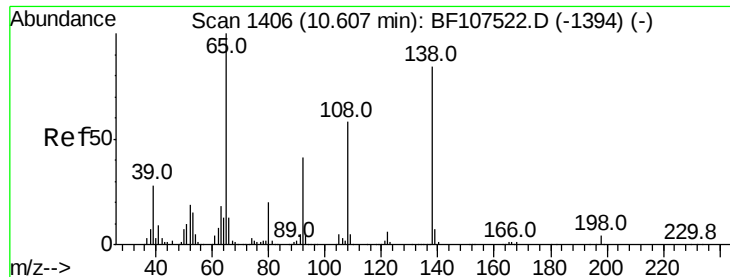
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.212 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:204 Resp: 569065
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 57.4 54.6 81.8





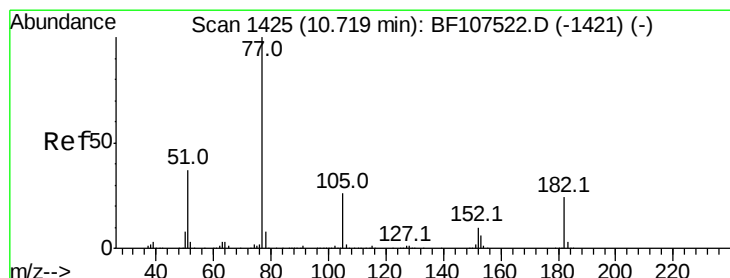
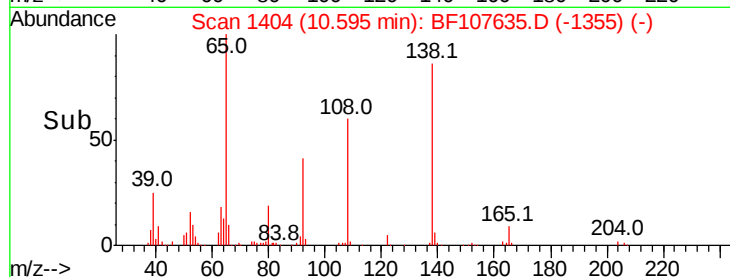
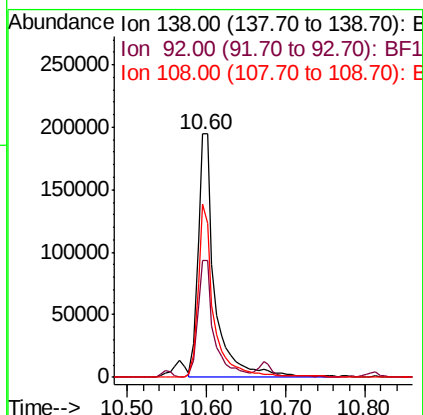
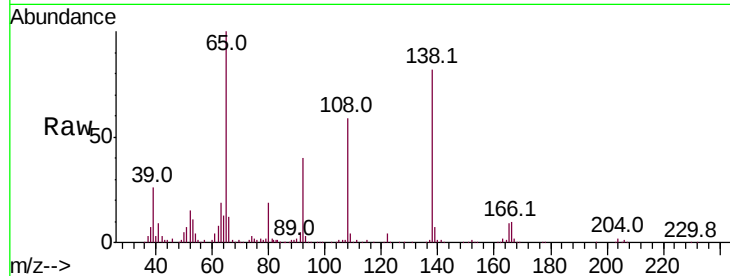
#61
4-Nitroaniline
Concen: 48.131 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion:138 Resp: 287089
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 71.2 52.5 92.5

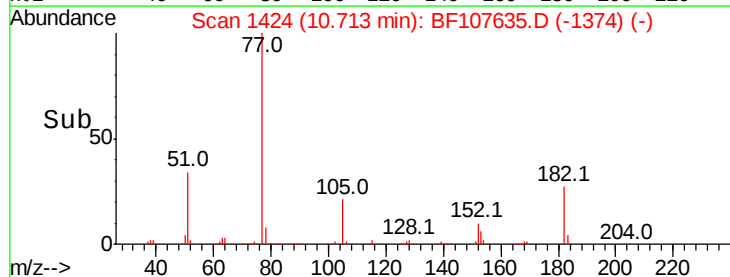
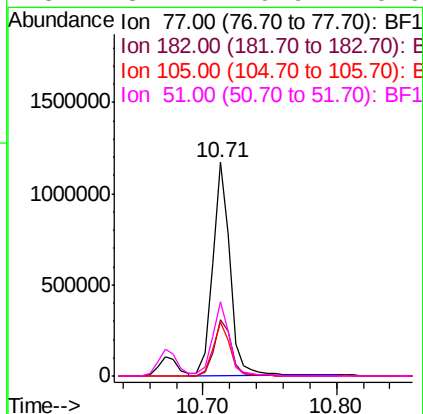
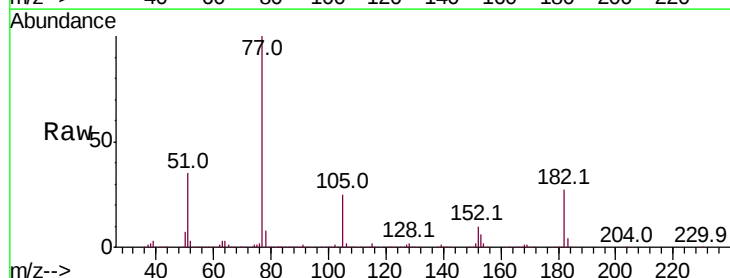
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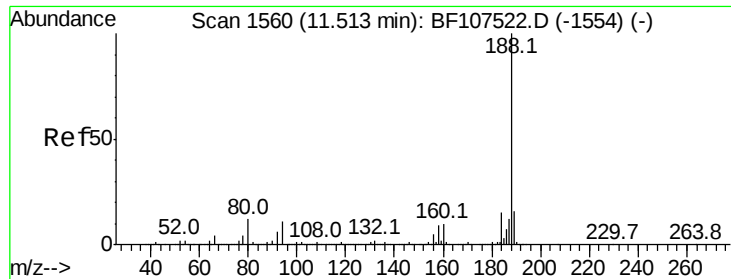
Sohil
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#62
Azobenzene
Concen: 37.011 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion: 77 Resp: 1065368
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 25.4 3.0 43.0
51 34.7 9.9 49.9





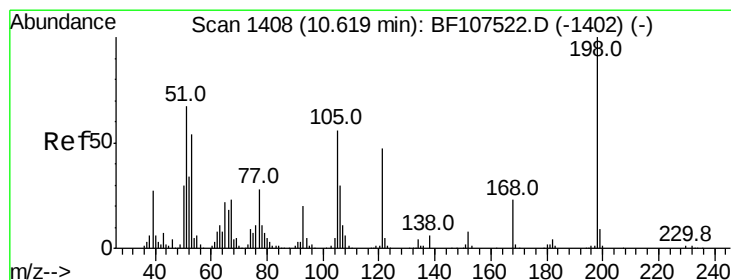
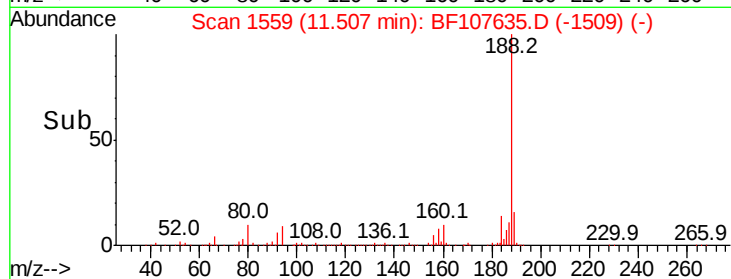
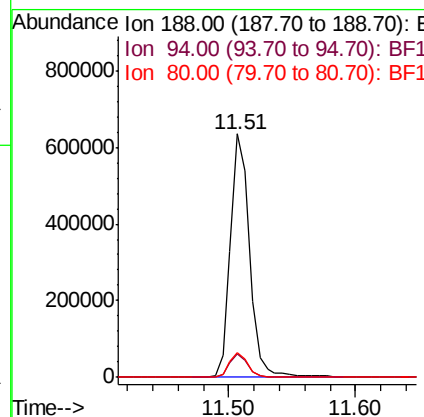
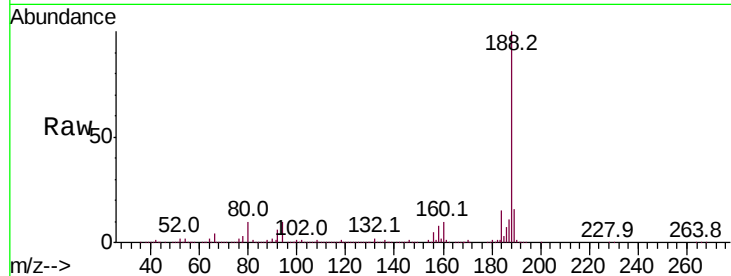
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	668231		
94	9.5		8.5	12.7
80	10.3		9.2	13.8

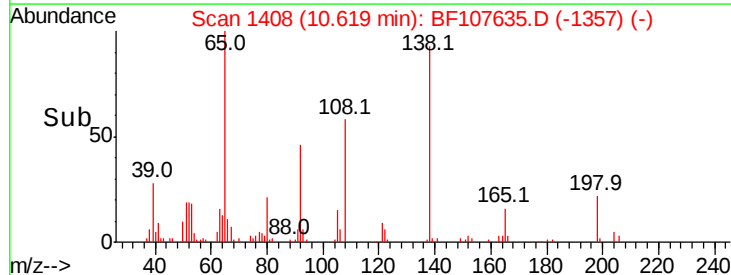
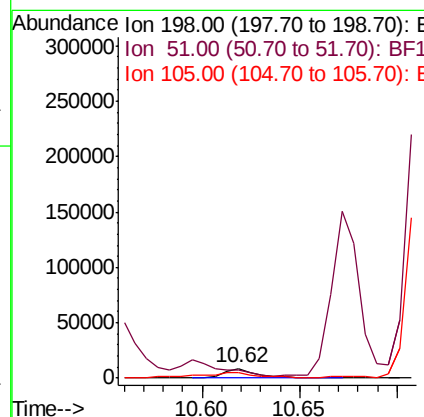
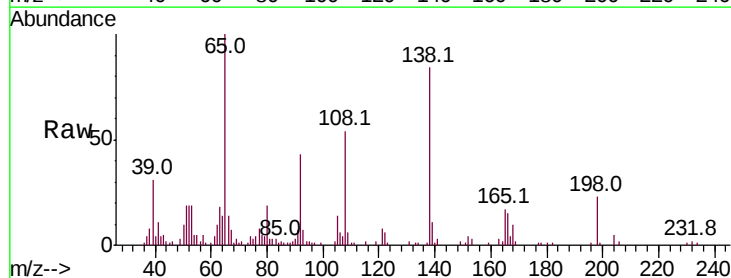
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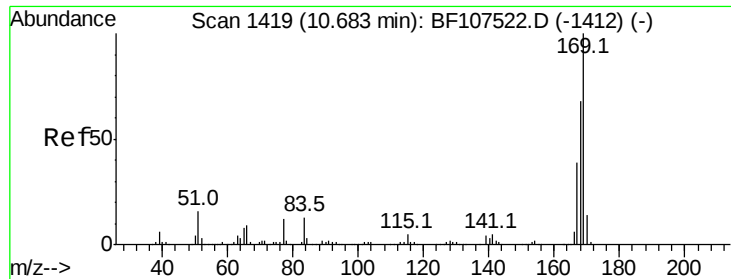
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 11.307 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10342		
51	84.0		37.7	77.7#
105	58.9		36.3	76.3





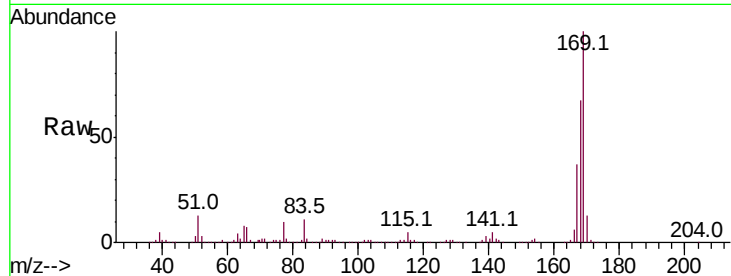
#65
 n-Nitrosodiphenylamine
 Concen: 44.630 ng
 RT: 10.68 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

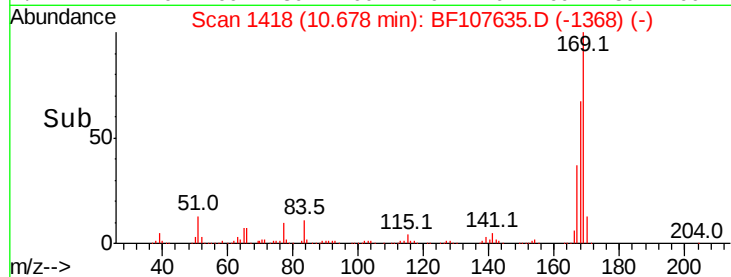
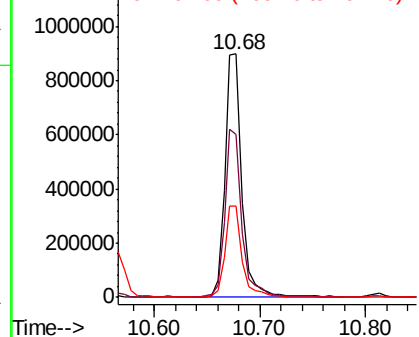
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.4	81.6
167	37.3	29.8	44.6

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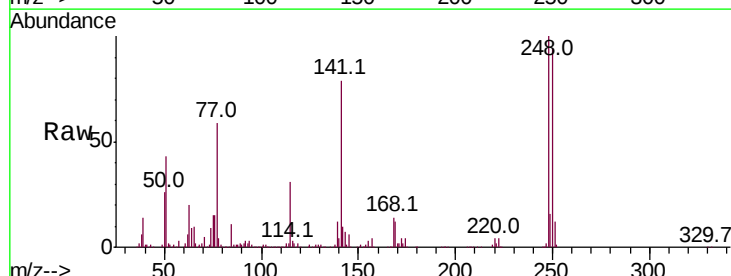
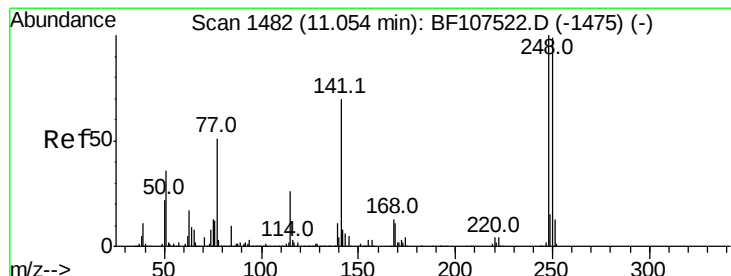
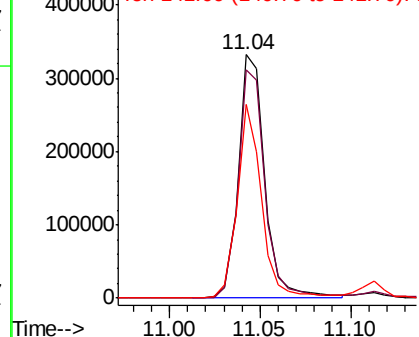
Abundance Ion 169.00 (168.70 to 169.70): E
 1200000
 Ion 168.00 (167.70 to 168.70): E
 1000000
 Ion 167.00 (166.70 to 167.70): E
 800000
 600000
 400000
 200000
 0

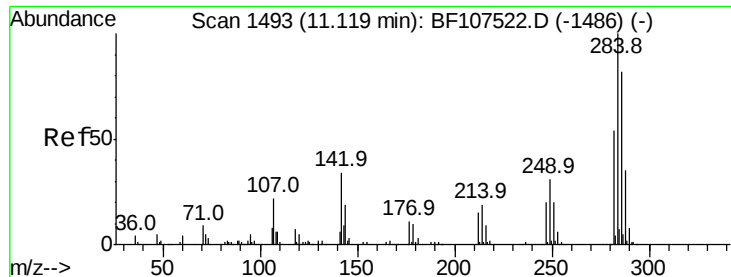


#66
 4-Bromophenyl-phenylether
 Concen: 42.772 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.9	76.9	115.3
141	79.4	74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E
 400000
 Ion 250.00 (249.70 to 250.70): E
 300000
 Ion 141.00 (140.70 to 141.70): E
 200000
 100000
 0





#67

Hexachlorobenzene

Concen: 40.472 ng

RT: 11.11 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

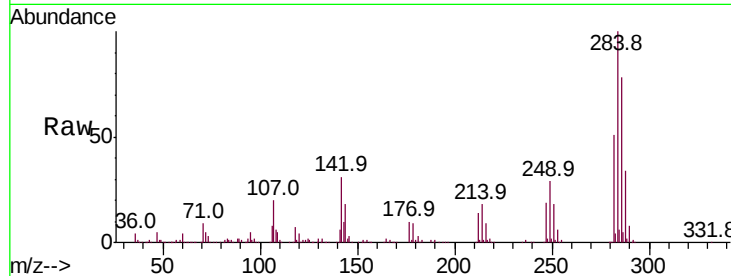
20180413-CORE-3MSD

Tot Ion:	284	Resp:	350293
Ion Ratio	Lower	Upper	
284	100		
142	31.2	34.6	52.0#
249	29.3	24.8	37.2

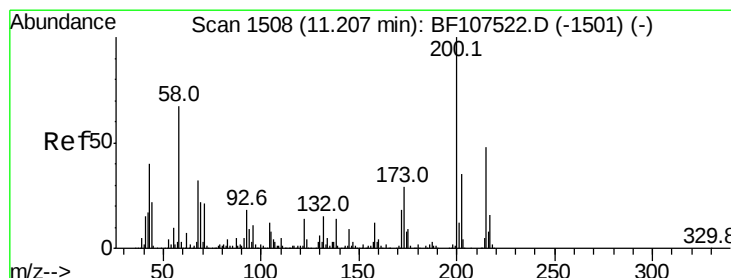
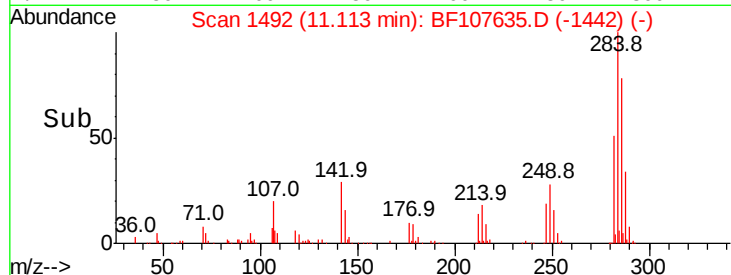
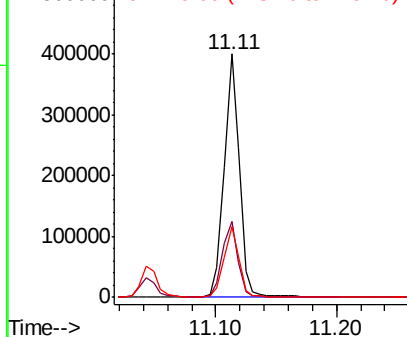
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.921 ng

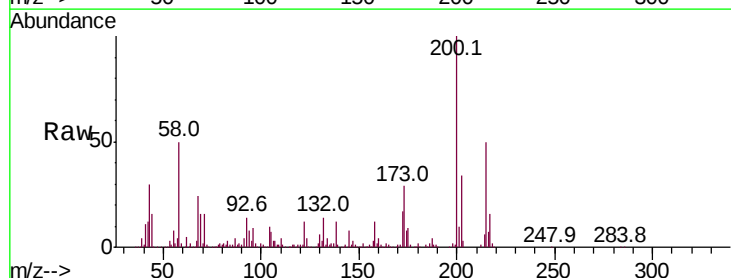
RT: 11.20 min Scan# 1507

Delta R.T. -0.01 min

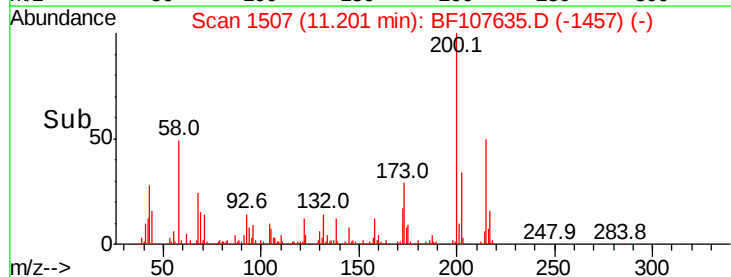
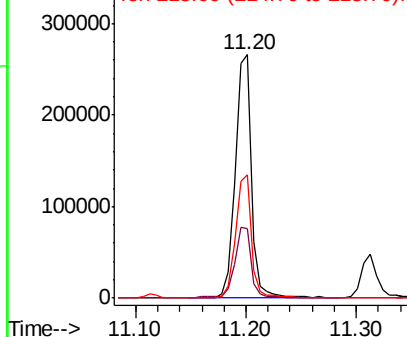
Lab File: BF107635.D

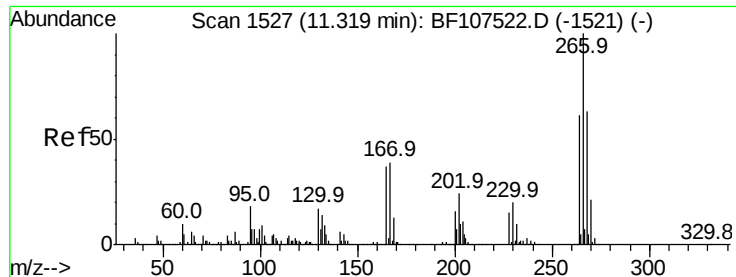
Acq: 24 Jul 2018 22:34

Tgt Ion:	200	Resp:	276623
Ion Ratio	Lower	Upper	
200	100		
173	28.8	8.6	48.6
215	50.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





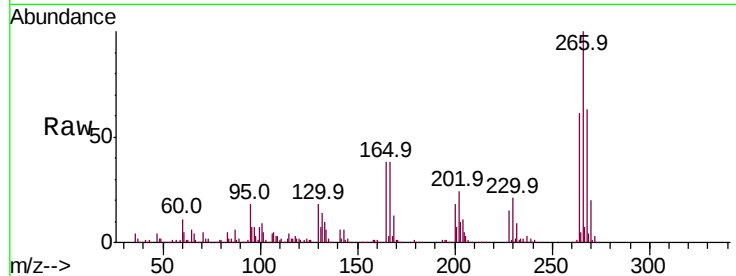
#69
 Pentachlorophenol
 Concen: 55.461 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	299833		
268	62.8	51.1	76.7	
264	61.2	49.5	74.3	

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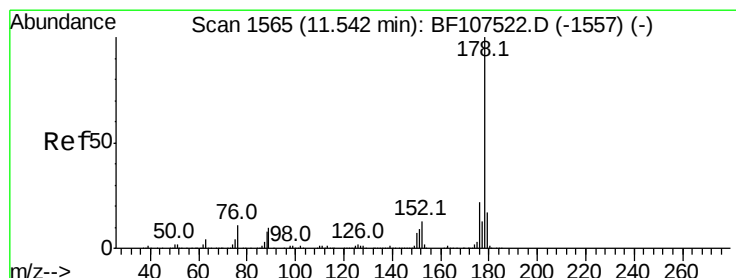
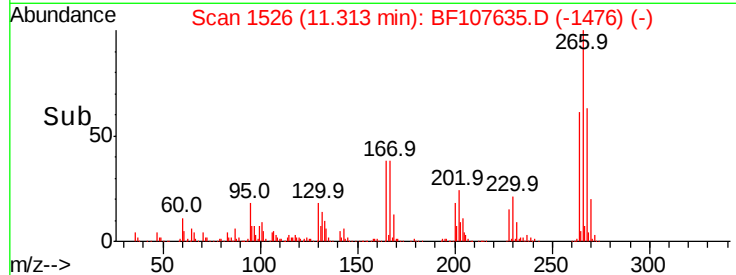
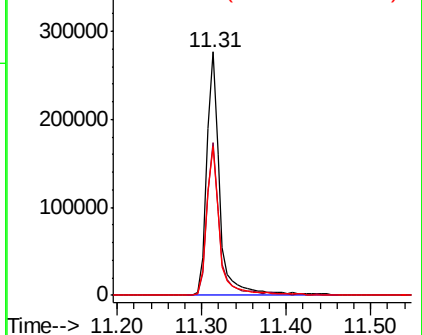


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.638 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

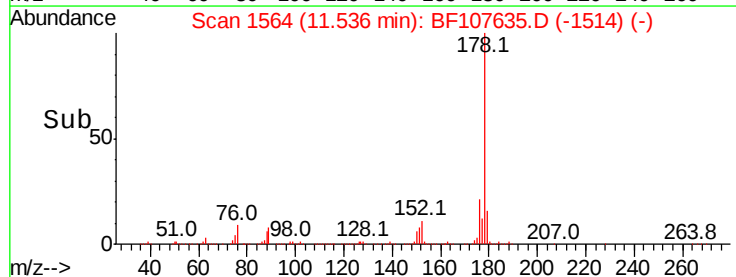
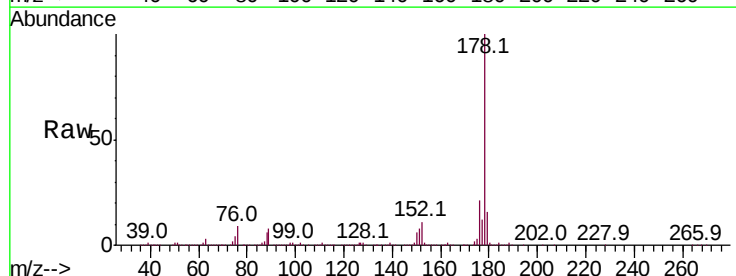
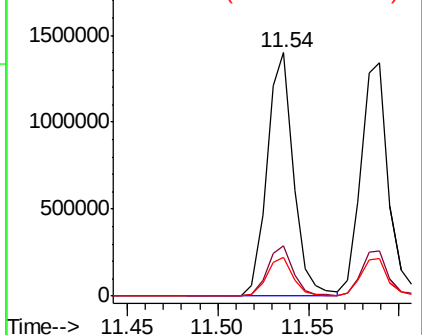
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1420977		
176	20.7	15.8	23.8	
179	16.2	13.0	19.6	

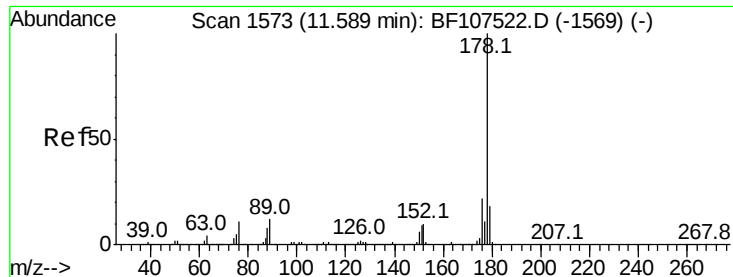
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





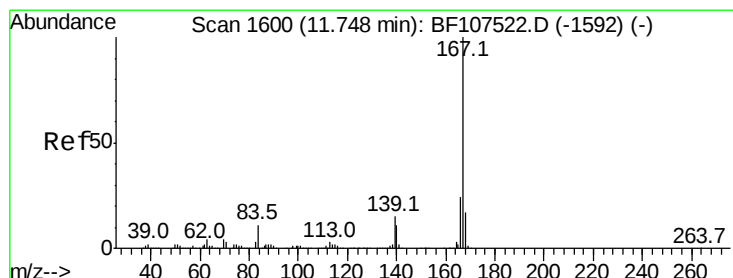
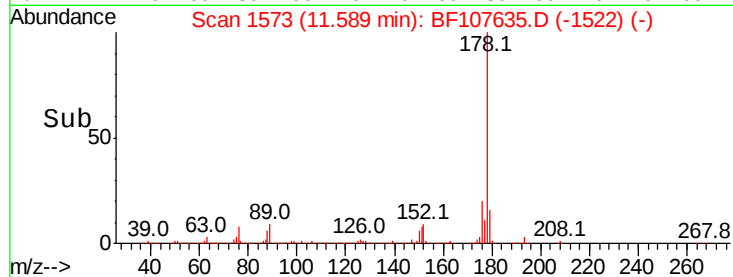
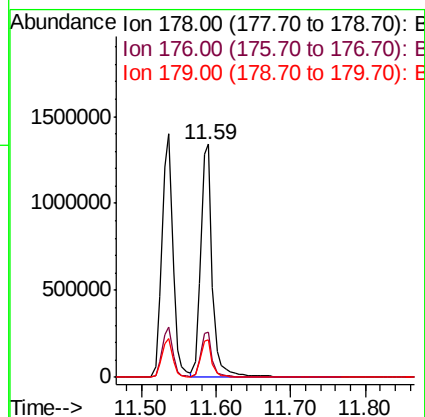
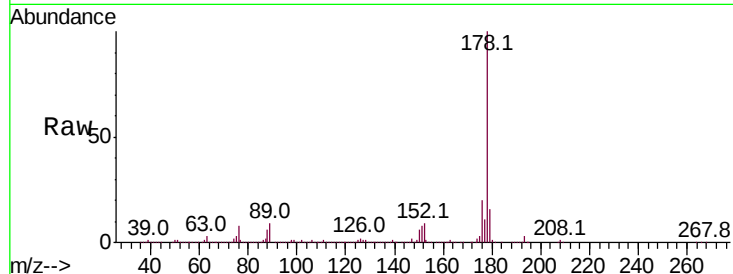
#71
 Anthracene
 Concen: 45.270 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion:178 Resp: 1484218
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.1 12.6 19.0

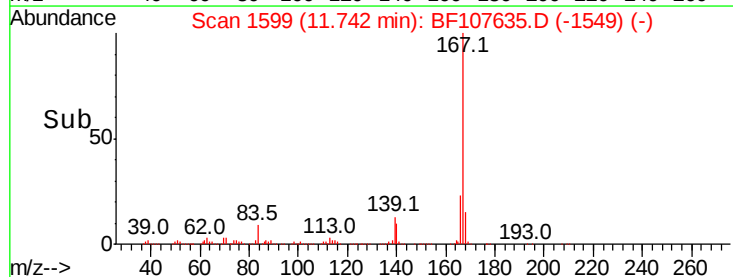
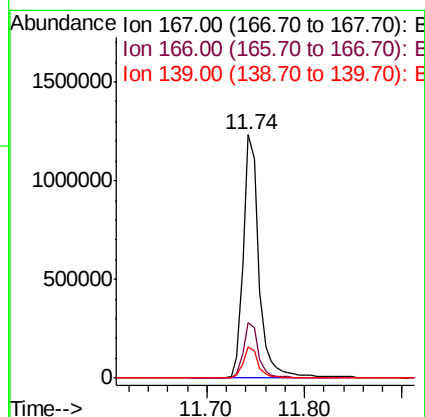
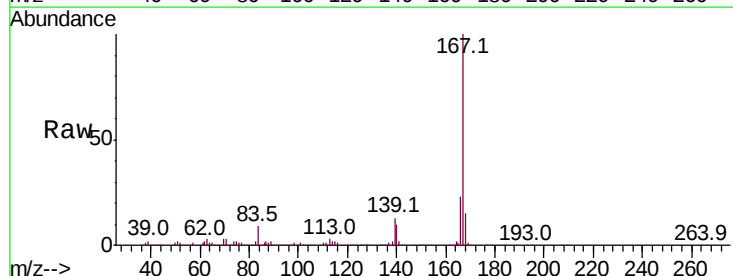
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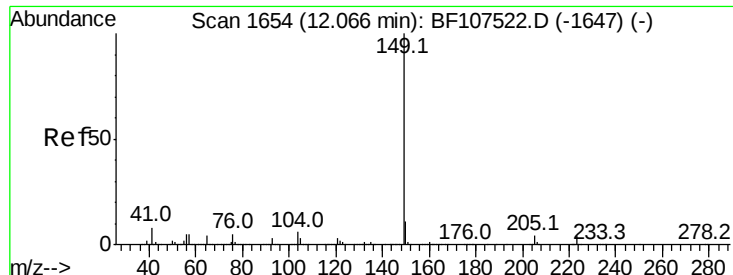
Sohil
 7/25/2018 12:58:41 PM



#72
 Carbazole
 Concen: 40.809 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:167 Resp: 1391318
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.574 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tot Ion:149 Resp: 1687358

Ion Ratio Lower Upper

149 100

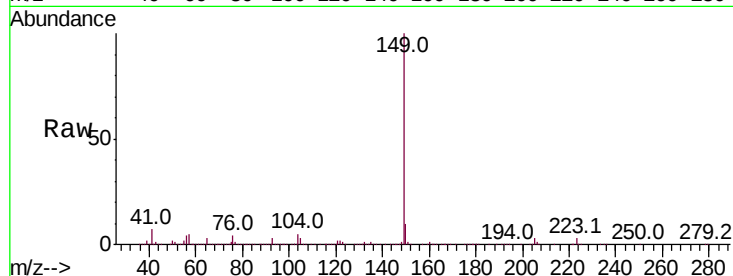
150 10.1 7.8 11.6

104 4.8 3.8 5.8

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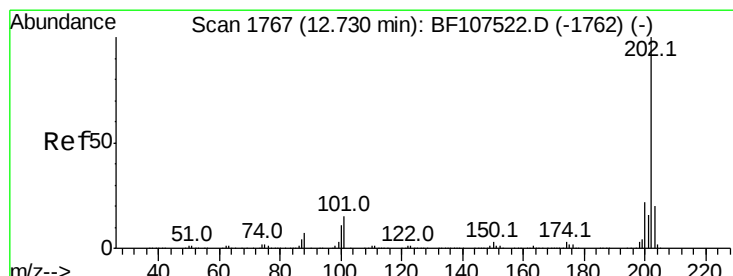
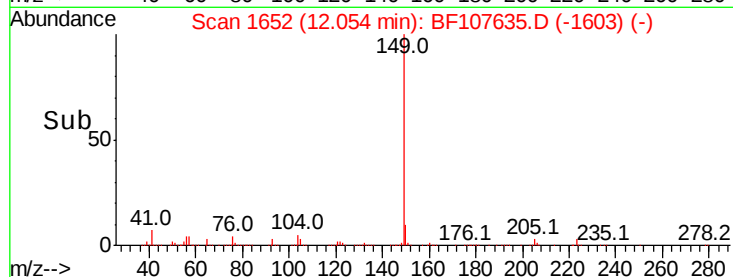
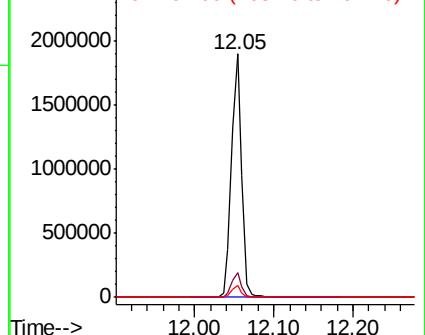


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.883 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

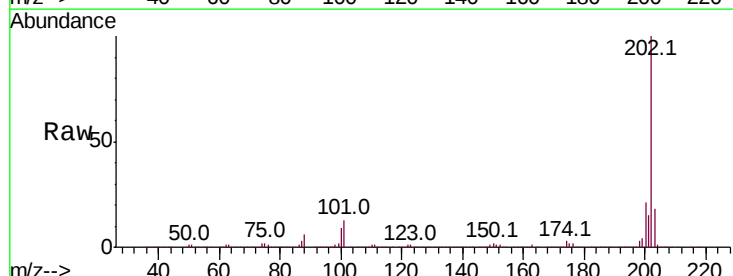
Tgt Ion:202 Resp: 1498430

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

203 18.4 0.0 38.1

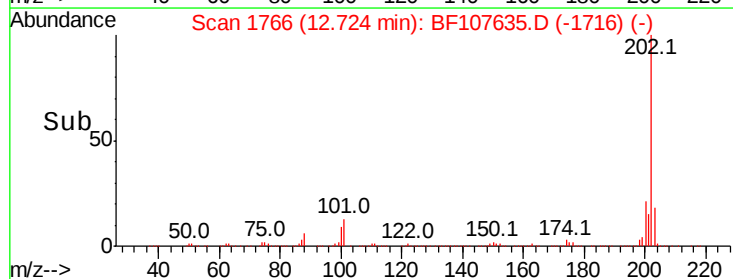
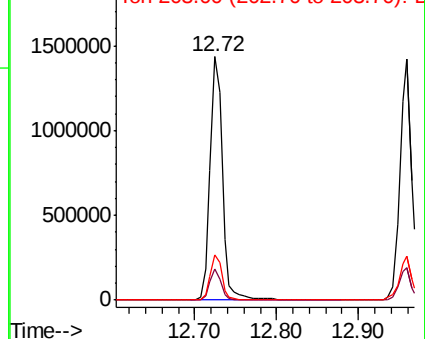


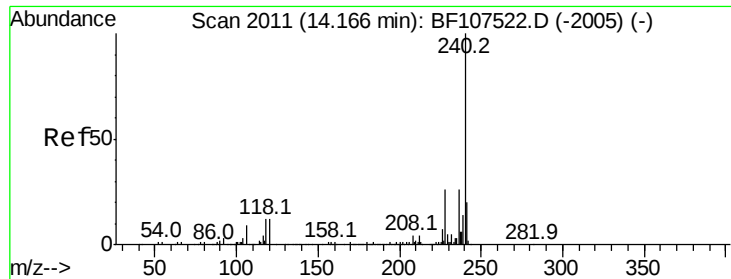
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





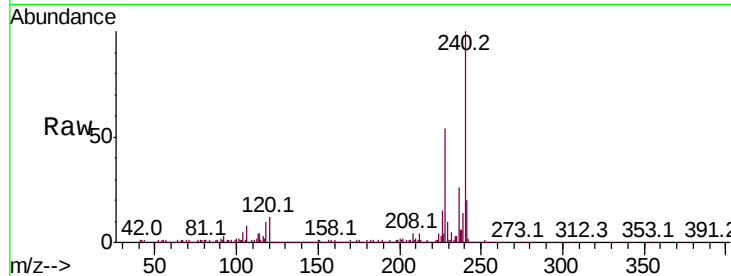
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.2	20.7	31.1

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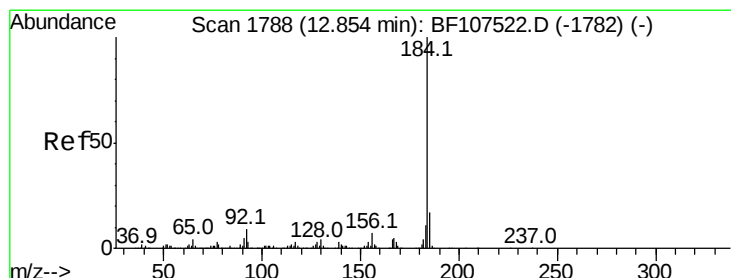
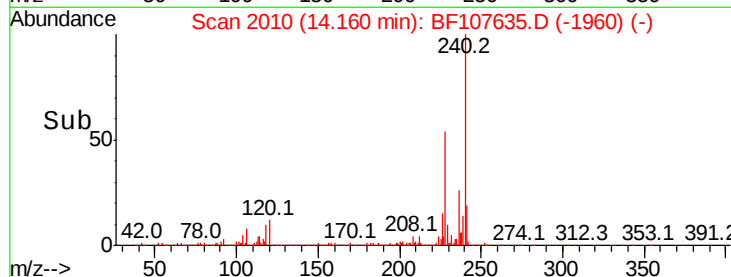
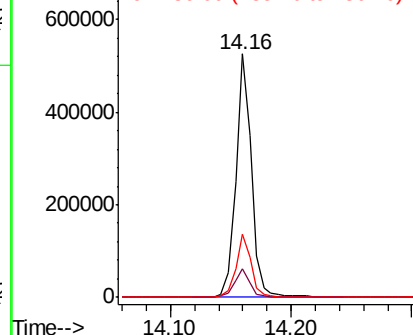


Abundance

Ion 240.00 (239.70 to 240.70): E

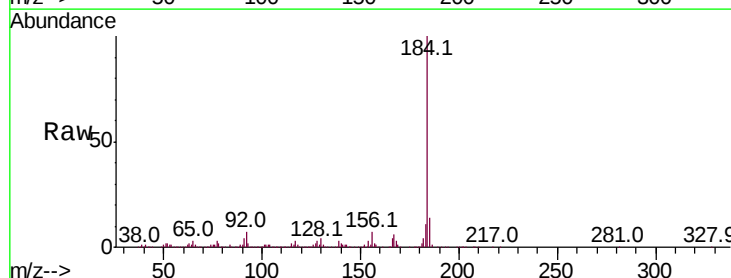
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76
Benzidine
Concen: 69.489 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	10.6	9.3	13.9

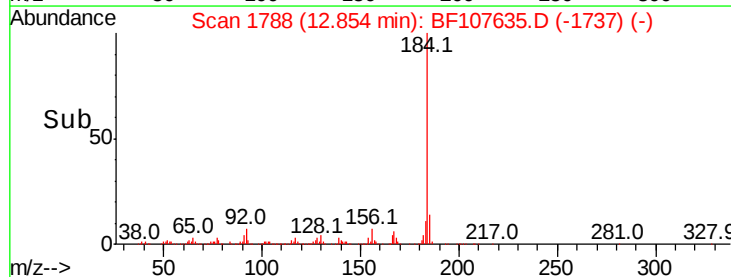
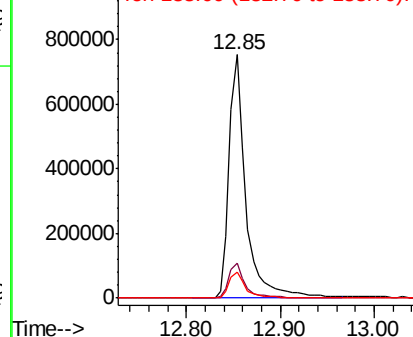


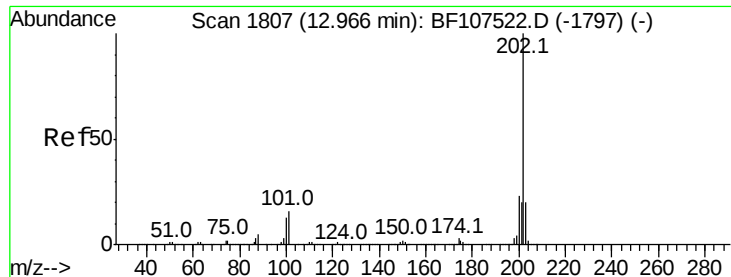
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.295 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

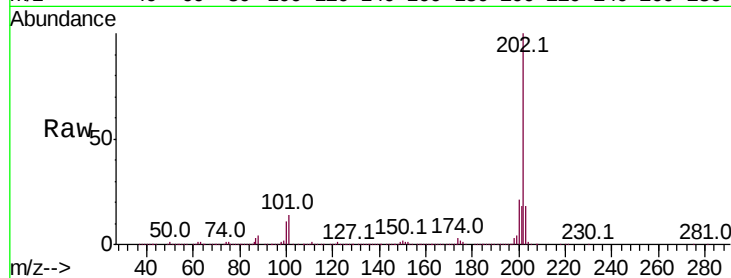
ClientSampleId :

20180413-CORE-3MSD

Tot Ion:	202	Resp:	1457467
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.5	14.3	21.5

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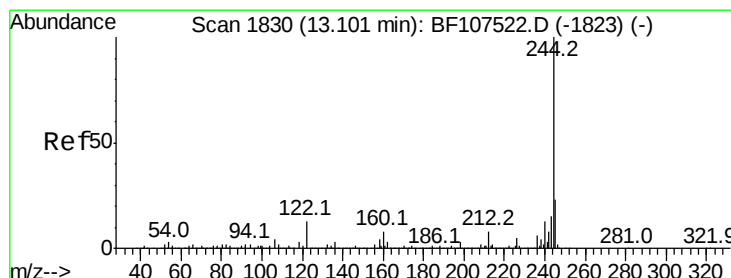
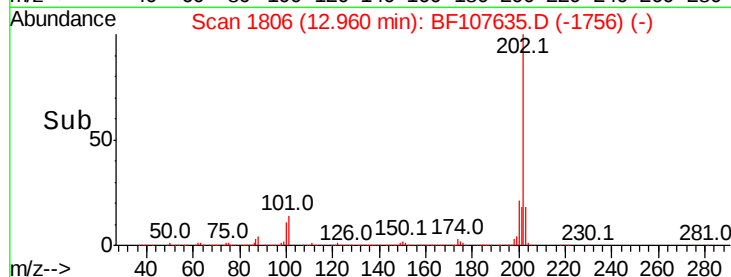
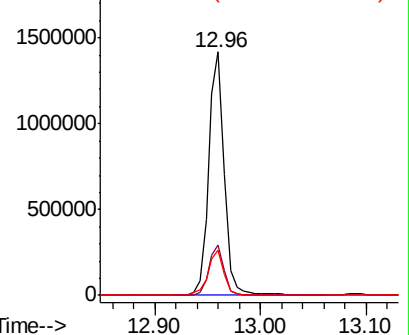
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.570 ng

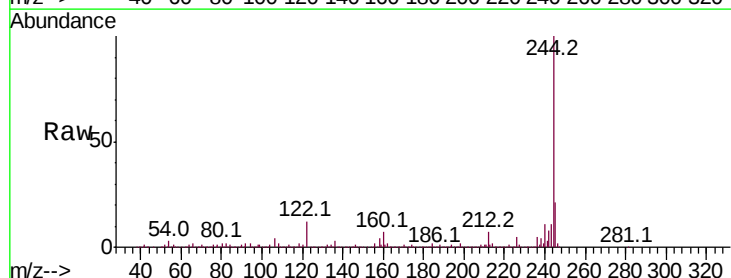
RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

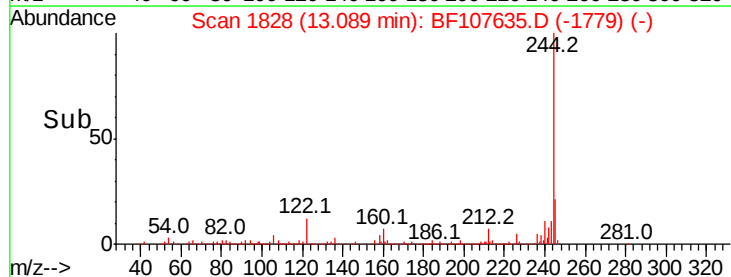
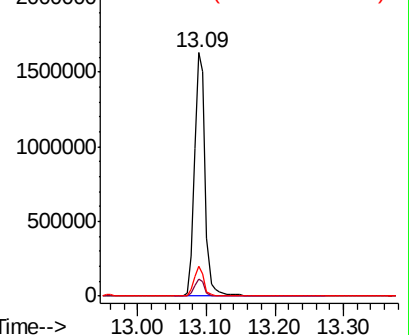
Tgt Ion:	244	Resp:	1792841
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.2	11.0	16.4

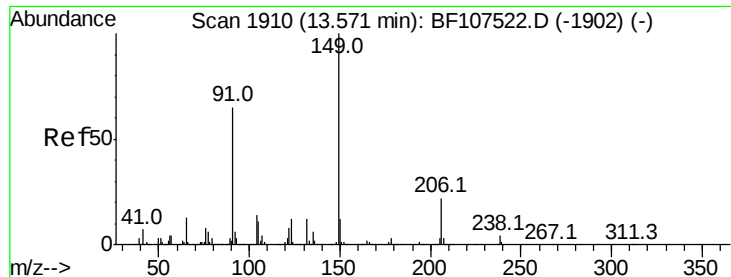


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





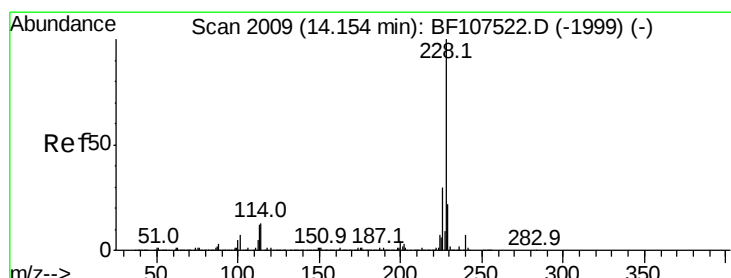
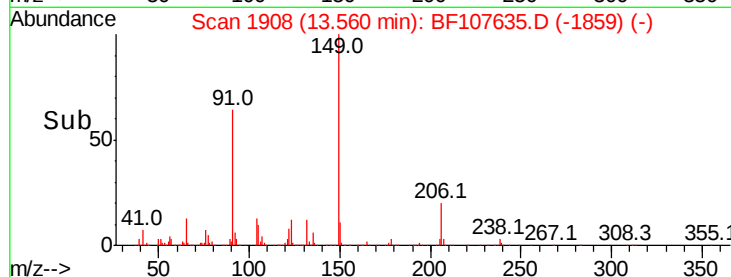
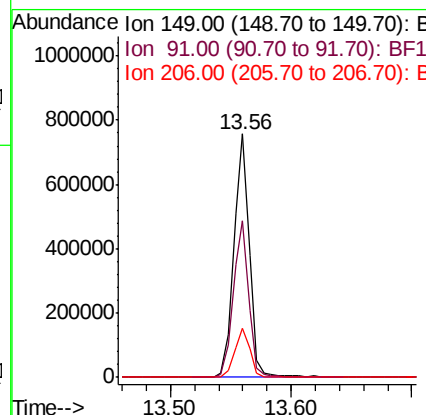
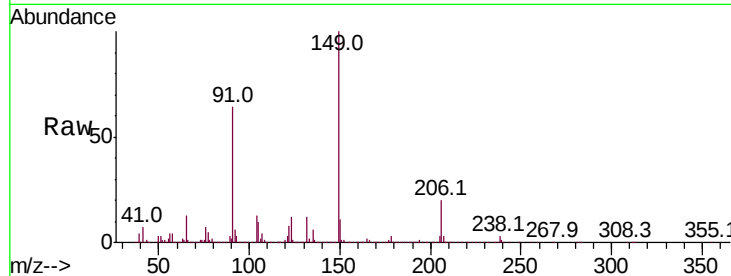
#79
Butylbenzylphthalate
Concen: 48.203 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.2	56.8	85.2
206	20.2	14.1	21.1

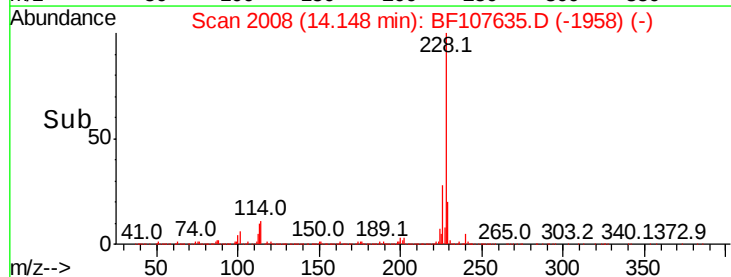
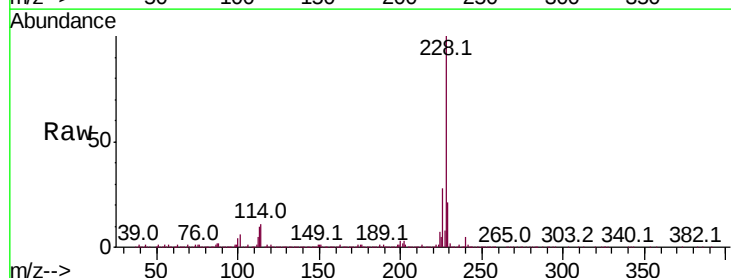
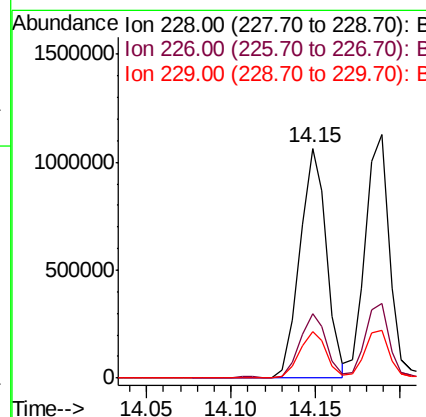
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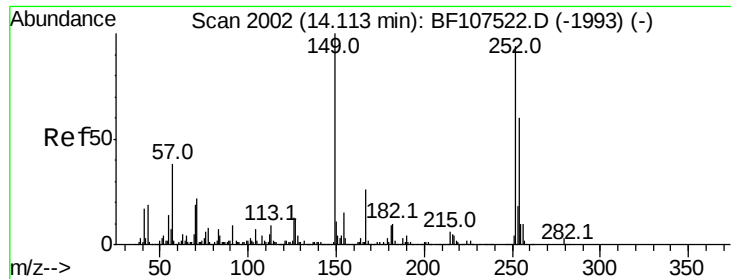
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#80
Benzo(a)anthracene
Concen: 42.359 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.5	15.8	23.6





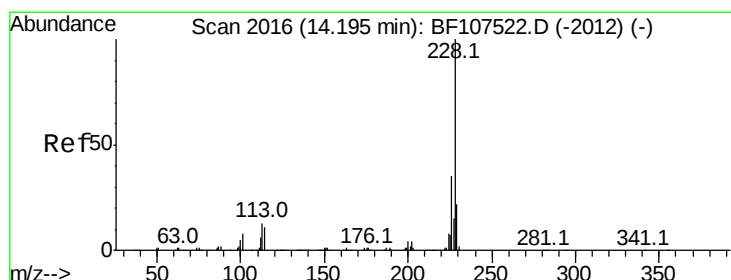
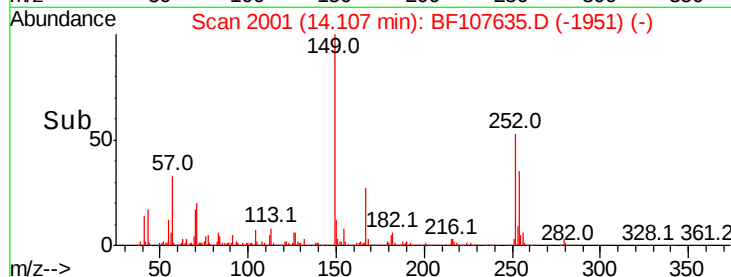
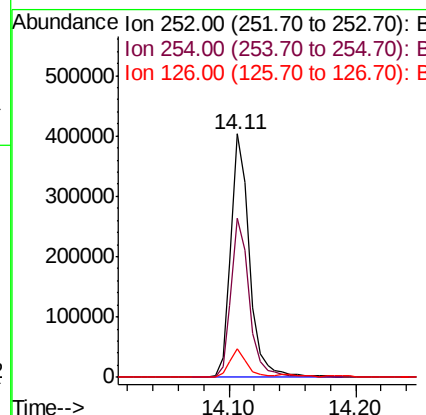
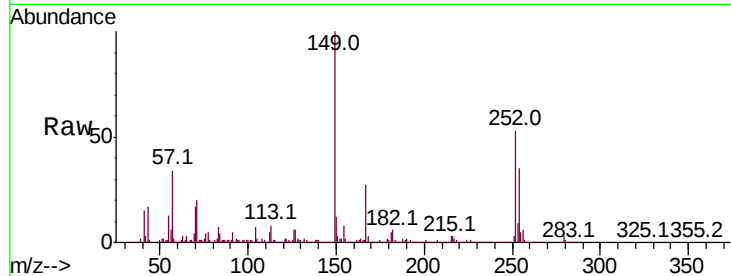
#81
3,3'-Dichlorobenzidine
Concen: 52.807 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	11.5	11.3	16.9

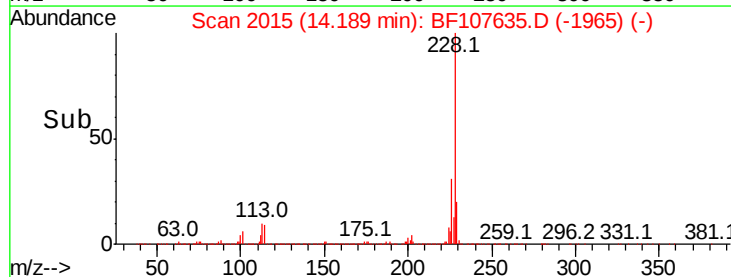
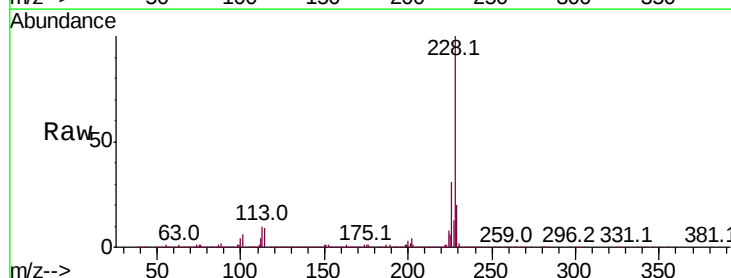
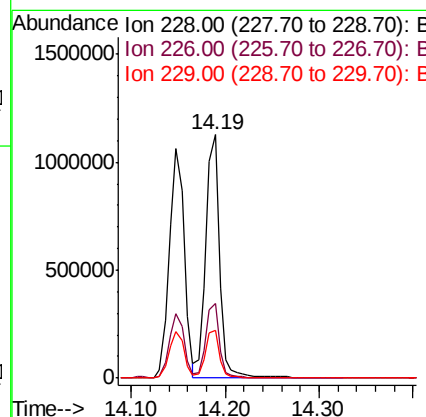
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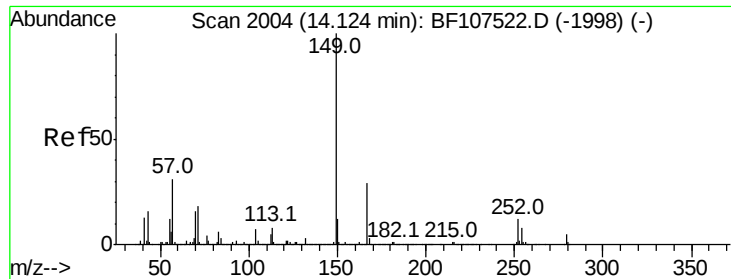
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7/25/2018 12:58:41 PM



#82
Chrysene
Concen: 43.892 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.8	16.2	24.4





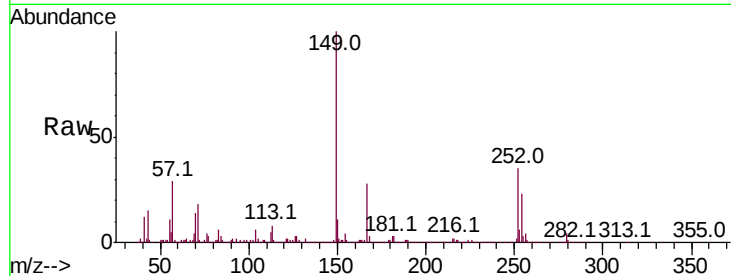
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.952 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.8	21.3	31.9	
279	3.9	3.0	4.4	

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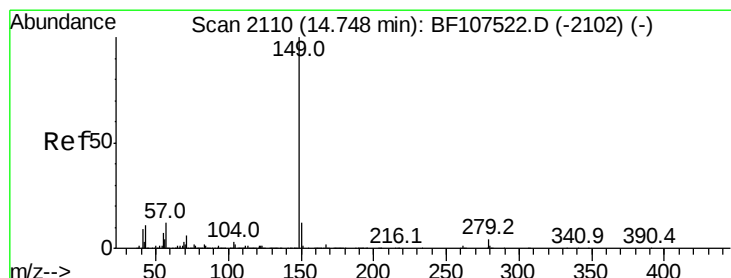
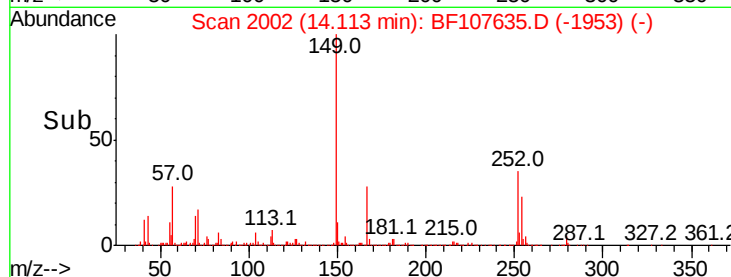
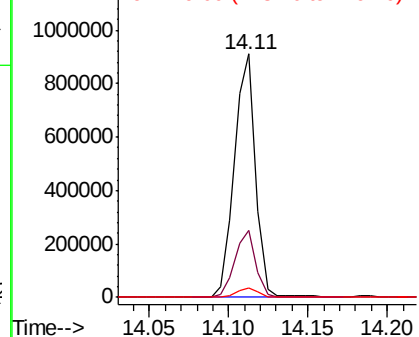


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 47.482 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

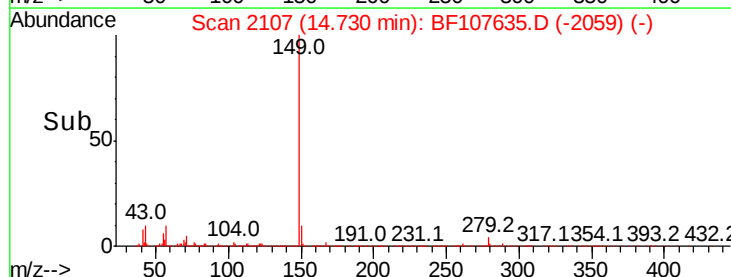
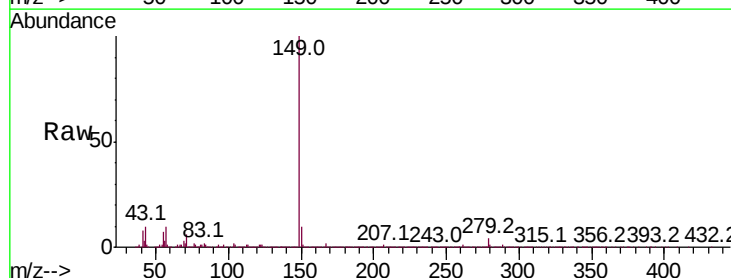
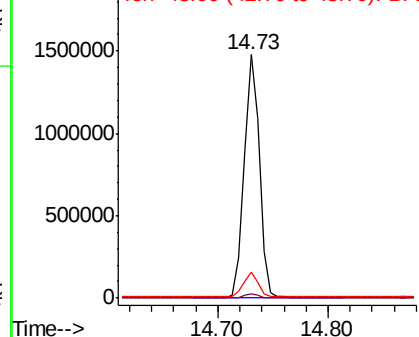
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.0	8.4	12.6	

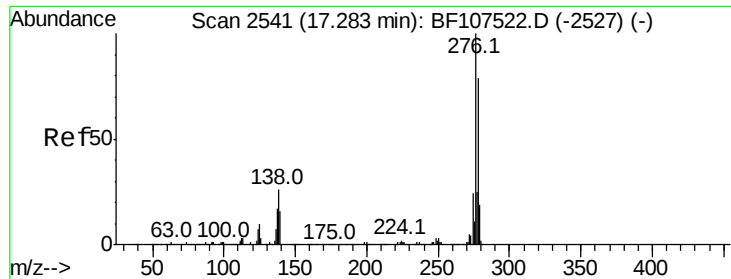
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





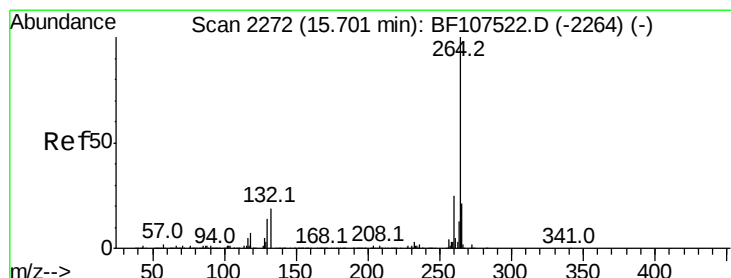
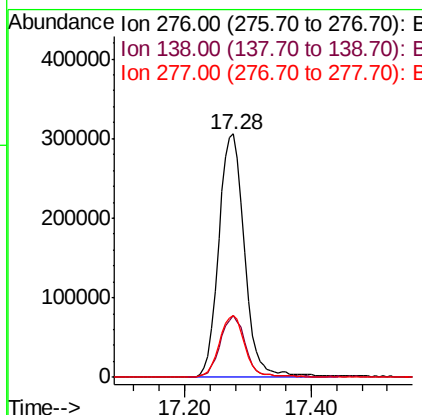
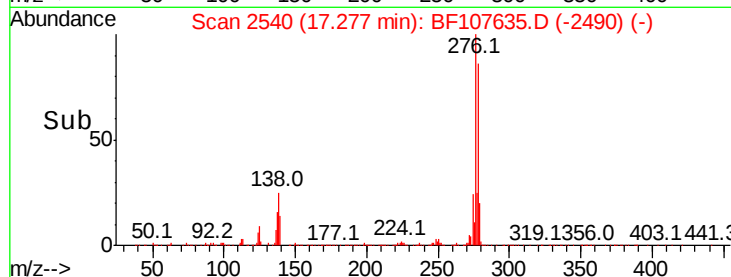
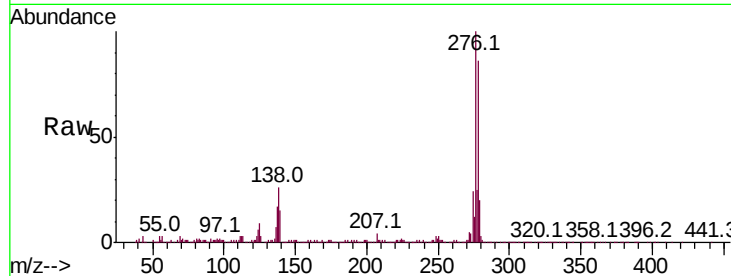
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.463 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	24.9	20.1	30.1

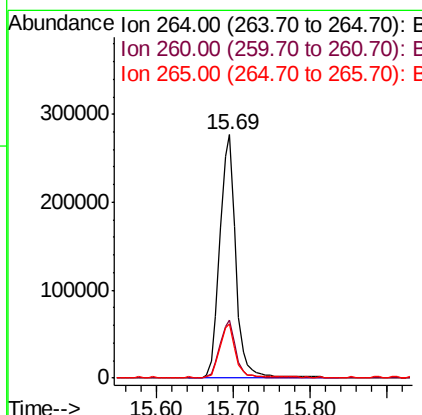
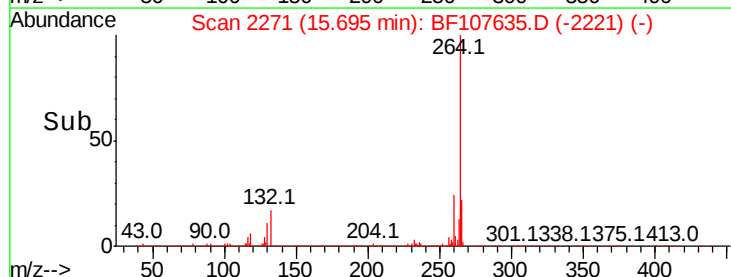
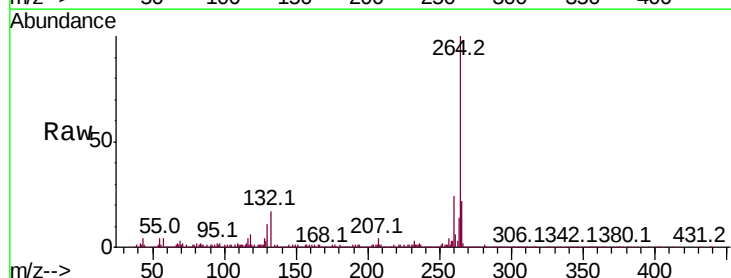
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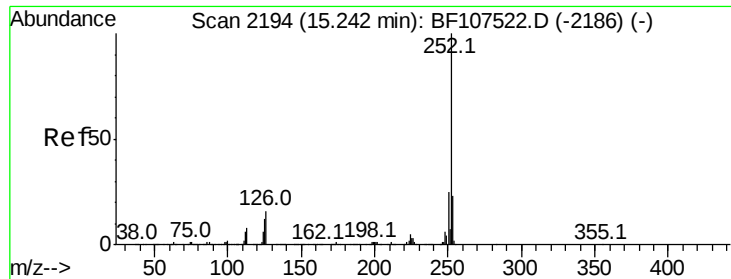
Sohil
 7/25/2018 12:58:41 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.531 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

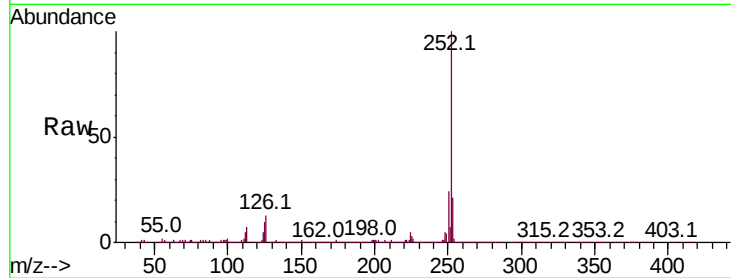
ClientSampleId :

20180413-CORE-3MSD

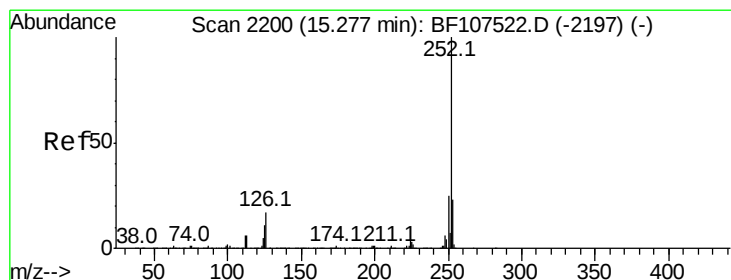
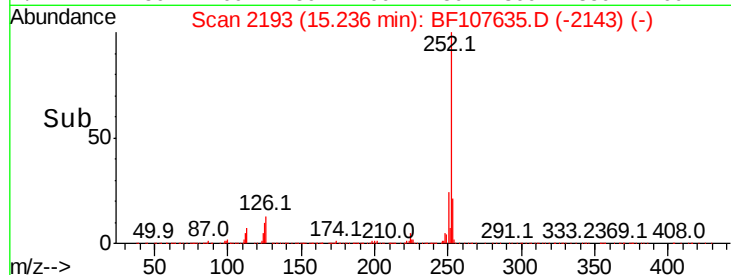
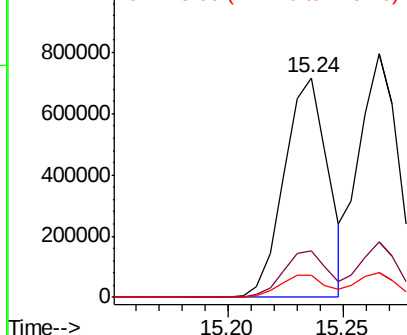
Tot Ion:	252	Resp:	940285
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.0	25.6
125	10.2	9.0	13.6

Manual Integrations
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7/25/2018 12:58:41 PM



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



#88

Benzo(k)fluoranthene

Concen: 46.336 ng

RT: 15.27 min Scan# 2198

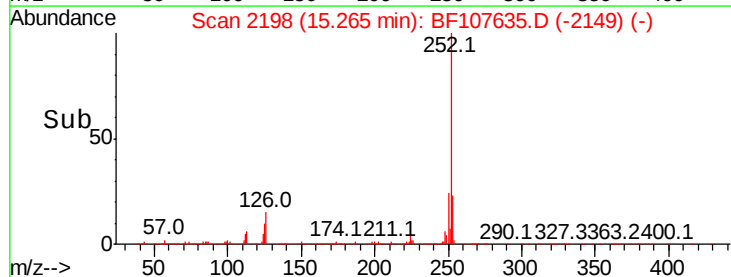
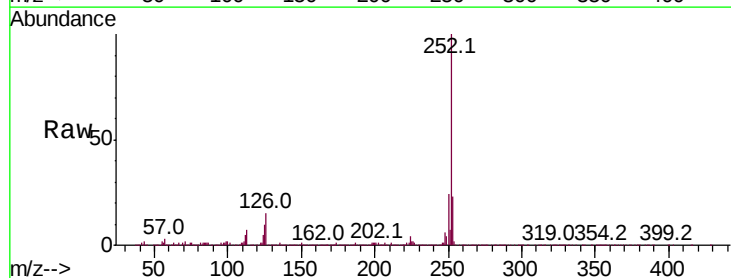
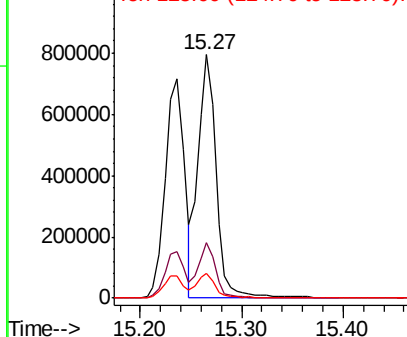
Delta R.T. -0.01 min

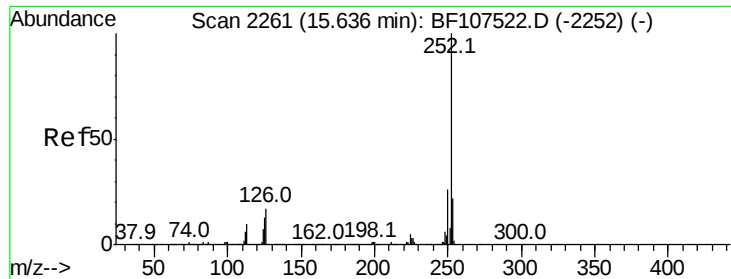
Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Tgt Ion:	252	Resp:	980581
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.9	26.9
125	10.4	10.2	15.2

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





#89

Benzo(a)pyrene

Concen: 44.371 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

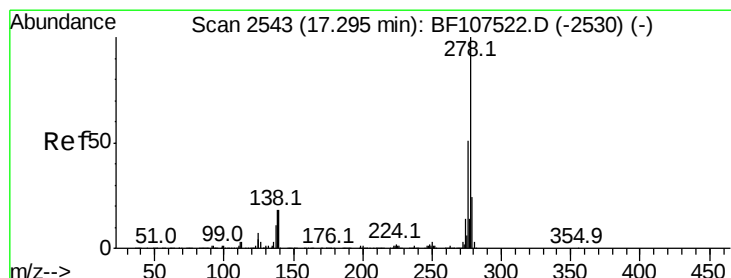
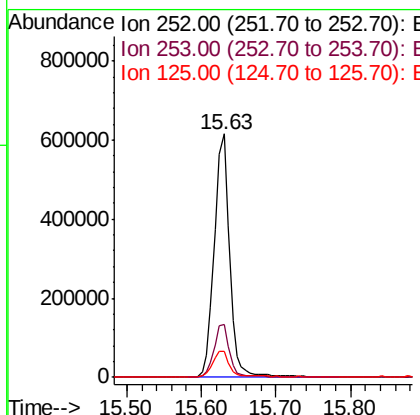
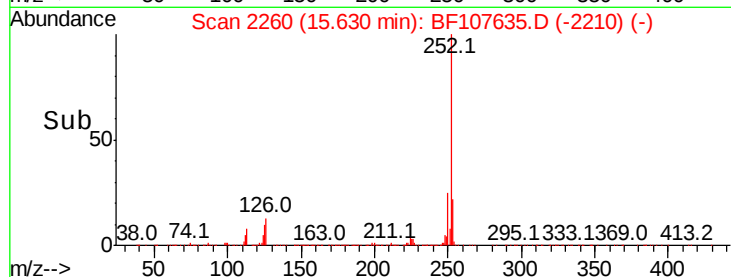
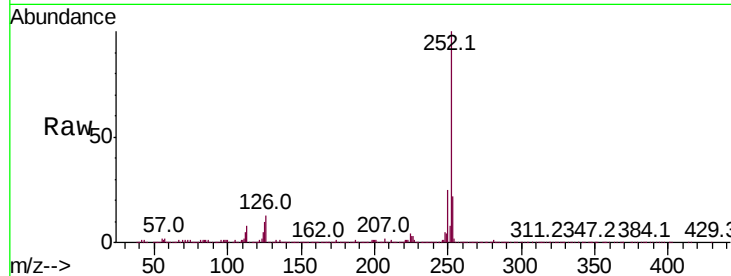
Instrument :
BNA_F

ClientSampleId :
20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	9.8	14.6

Manual Integrations
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Sohil
7/25/2018 12:58:41 PM



#90

Dibenzo(a,h)anthracene

Concen: 42.978 ng

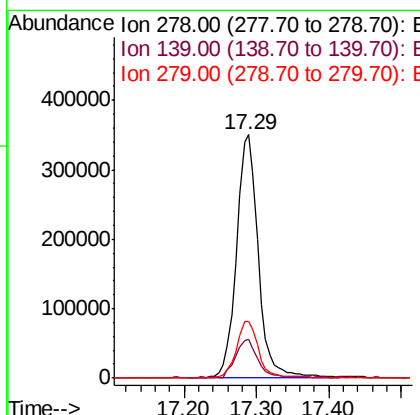
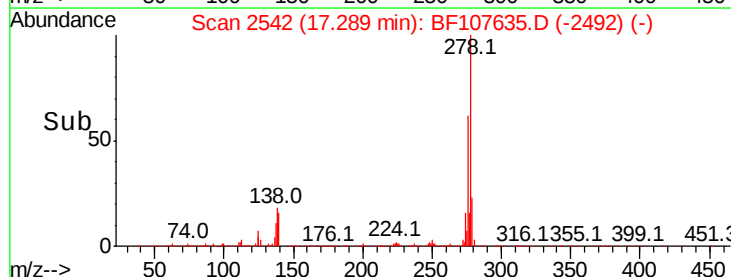
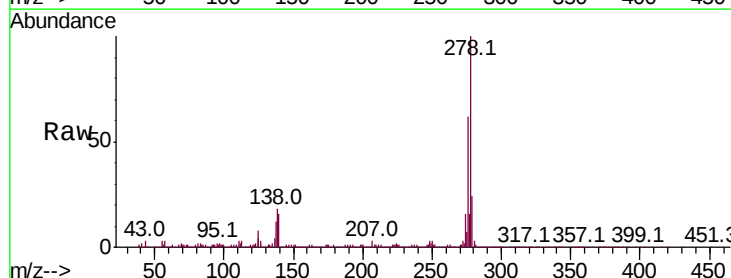
RT: 17.29 min Scan# 2542

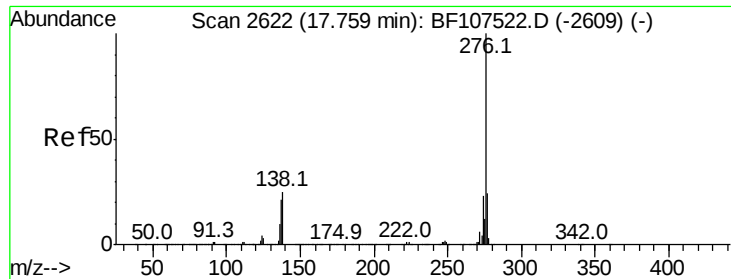
Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.937 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	21.7	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 7/25/2018 12:58:41 PM

