

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108166.D
 Acq On : 15 Aug 2018 15:33
 Operator : JU/SJ
 Sample : J4454-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Manual Integrations
 APPROVED

Sohil
 8/16/2018 5:26:59 PM

Quant Time: Aug 15 16:25:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	220793	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	849001	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	433027	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	850996	20.00	ng	0.00
75) Chrysene-d12	14.22	240	644985	20.00	ng	0.00
86) Perylene-d12	15.79	264	483295	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1404592	115.17	ng	0.04
7) Phenol-d6	6.65	99	1792842	110.63	ng	0.02
23) Nitrobenzene-d5	7.59	82	1435419	94.34	ng	0.01
41) 2,4,6-Tribromophenol	10.87	330	644598	149.24	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	2375031	88.06	ng	0.00
78) Terphenyl-d14	13.15	244	2839037	111.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	214634	34.251	ng	# 76
3) Pyridine	3.83	79	504672	31.264	ng	86
4) n-Nitrosodimethylamine	3.78	42	351303	38.676	ng	83
6) Aniline	6.69	93	287909	13.061	ng	98
8) 2-Chlorophenol	6.81	128	610783	44.468	ng	97
9) Benzaldehyde	6.58	77	339694	27.035	ng	98
10) Phenol	6.66	94	648042	38.658	ng	86
11) bis(2-Chloroethyl)ether	6.75	93	631246	46.578	ng	91
12) 1,3-Dichlorobenzene	6.97	146	682707	42.987	ng	99
13) 1,4-Dichlorobenzene	7.04	146	691751	43.352	ng	99
14) 1,2-Dichlorobenzene	7.20	146	645874	43.516	ng	96
15) Benzyl Alcohol	7.16	79	620123	45.453	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1213123	43.451	ng	98
17) 2-Methylphenol	7.27	107	520328	44.175	ng	95
18) Hexachloroethane	7.53	117	256738	45.194	ng	95
19) n-Nitroso-di-n-propylamine	7.43	70	498216	45.461	ng	89
20) 3+4-Methylphenols	7.42	107	635116	42.076	ng	# 81
22) Acetophenone	7.43	105	922594	46.474	ng	# 93
24) Nitrobenzene	7.61	77	736166	47.849	ng	96
25) Isophorone	7.84	82	1358642	46.850	ng	98
26) 2-Nitrophenol	7.92	139	315165	54.243	ng	87
27) 2,4-Dimethylphenol	7.95	122	596355	46.333	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	820134	48.444	ng	99
29) 2,4-Dichlorophenol	8.16	162	576555	48.676	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	614343	47.043	ng	98
31) Naphthalene	8.33	128	2110391	54.658	ng	97
32) Benzoic acid	8.07	122	331100	44.787	ng	92
33) 4-Chloroaniline	8.37	127	131155	7.795	ng	97
34) Hexachlorobutadiene	8.44	225	392120	47.431	ng	99
35) Caprolactam	8.75	113	158617m	42.733	ng	
36) 4-Chloro-3-methylphenol	8.85	107	610215	47.756	ng	99
37) 2-Methylnaphthalene	9.02	142	1306722	47.835	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	650590	48.925	ng	99
40) Hexachlorocyclopentadiene	9.17	237	728614	84.829	ng	100

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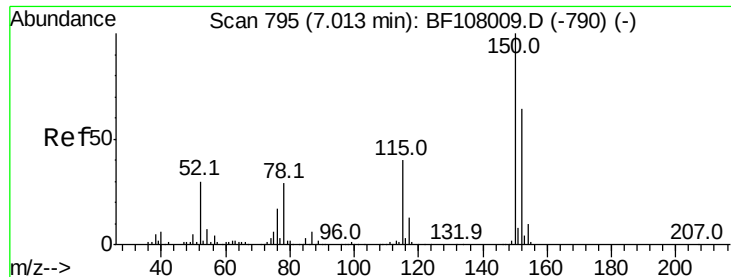
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	439415	53.250	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	476159	52.418	ng	96
45) 1,1'-Biphenyl	9.48	154	1565002	49.018	ng	98
46) 2-Chloronaphthalene	9.51	162	1223130	48.472	ng	99
47) 2-Nitroaniline	9.61	65	423812	51.907	ng	87
48) Acenaphthylene	9.94	152	1938783	48.599	ng	97
49) Dimethylphthalate	9.78	163	1487358	49.309	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	331822	52.579	ng	88
51) Acenaphthene	10.11	154	1187587	48.603	ng	99
52) 3-Nitroaniline	10.02	138	120318	17.425	ng	98
53) 2,4-Dinitrophenol	10.13	184	264602	109.223	ng	# 20
54) Dibenzofuran	10.28	168	1696092	47.912	ng	94
55) 4-Nitrophenol	10.18	139	442045	84.541	ng	# 80
56) 2,4-Dinitrotoluene	10.26	165	439701	54.128	ng	# 94
57) Fluorene	10.62	166	1350843	48.204	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.40	232	396116	52.172	ng	# 86
59) Diethylphthalate	10.48	149	1419625	48.603	ng	94
60) 4-Chlorophenyl-phenylether	10.61	204	692513	47.426	ng	95
61) 4-Nitroaniline	10.65	138	330360	48.392	ng	93
62) Azobenzene	10.77	77	1438396	47.685	ng	92
64) 4,6-Dinitro-2-methylphenol	10.67	198	174063	53.757	ng	85
65) n-Nitrosodiphenylamine	10.73	169	1244621	49.492	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	469671	50.786	ng	# 87
67) Hexachlorobenzene	11.17	284	479900	49.319	ng	# 89
68) Atrazine	11.25	200	437933	51.920	ng	96
69) Pentachlorophenol	11.37	266	488324	104.849	ng	98
70) Phenanthrene	11.60	178	1931247	48.115	ng	97
71) Anthracene	11.65	178	1975819	48.028	ng	97
72) Carbazole	11.80	167	1765325	48.298	ng	98
73) Di-n-butylphthalate	12.11	149	2075546	50.133	ng	99
74) Fluoranthene	12.79	202	2087054	47.643	ng	95
76) Benzidine	12.90	184	235389	9.768	ng	98
77) Pyrene	13.02	202	2075654	50.831	ng	96
79) Butylbenzylphthalate	13.62	149	907855	55.990	ng	94
80) Benzo(a)anthracene	14.21	228	1836915	49.626	ng	97
81) 3,3'-Dichlorobenzidine	14.17	252	279134	21.042	ng	# 97
82) Chrysene	14.25	228	1638469	48.282	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	1188014	54.105	ng	99
84) Di-n-octyl phthalate	14.80	149	1829837	54.643	ng	95
85) Indeno(1,2,3-cd)pyrene	17.42	276	1291922	43.937	ng	# 91
87) Benzo(b)fluoranthene	15.32	252	1437907	49.791	ng	# 96
88) Benzo(k)fluoranthene	15.35	252	1403540	52.871	ng	# 96
89) Benzo(a)pyrene	15.72	252	1286542	49.750	ng	# 96
90) Dibenzo(a,h)anthracene	17.44	278	1072621	50.130	ng	# 94
91) Benzo(g,h,i)perylene	17.92	276	1067052	50.645	ng	# 90

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



#1

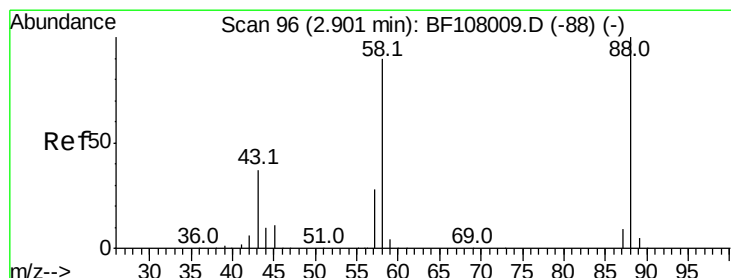
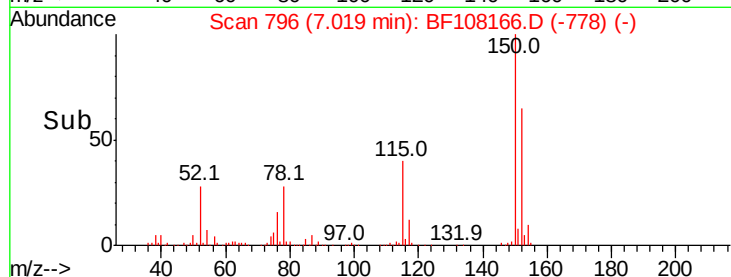
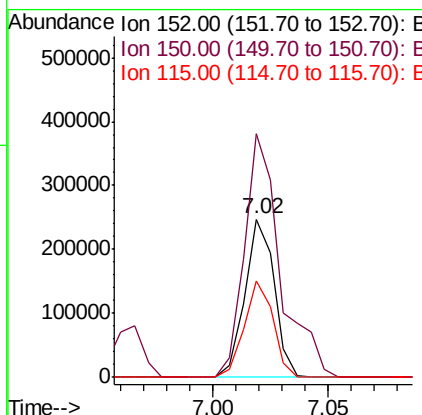
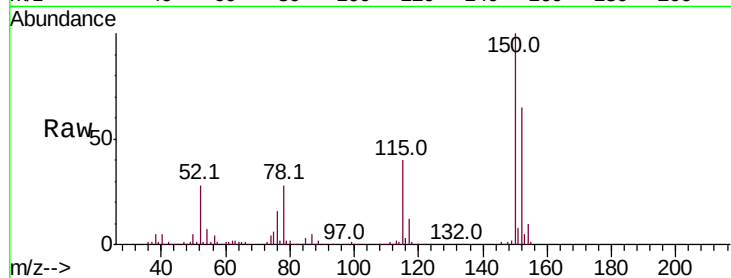
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	60.9	50.1	75.1

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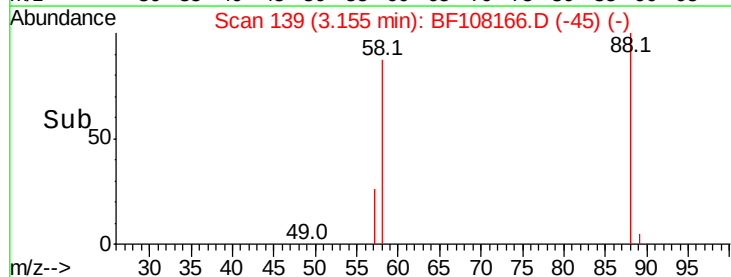
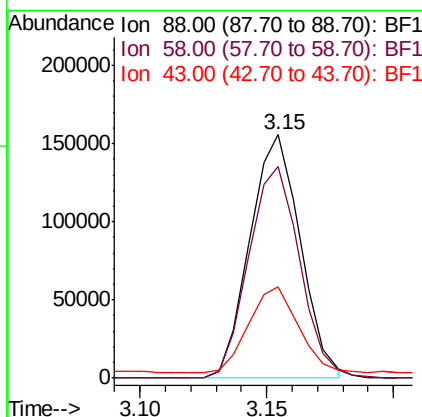
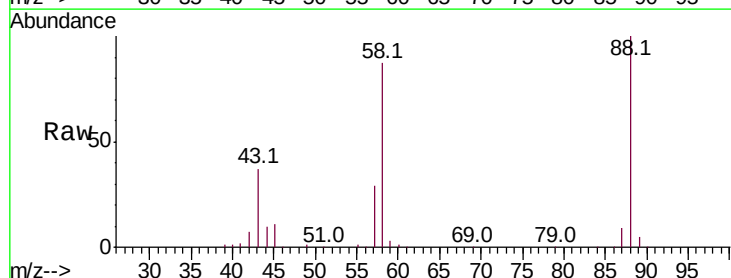
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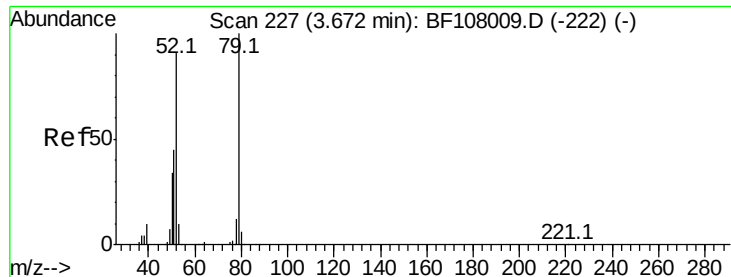


#2

1,4-Dioxane
Concen: 34.251 ng
RT: 3.15 min Scan# 139
Delta R.T. 0.25 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	62.6	93.8
43	0.0	24.6	37.0





#3

Pvridine

Concen: 31.264 ng

RT: 3.83 min Scan# 254

Delta R.T. 0.16 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

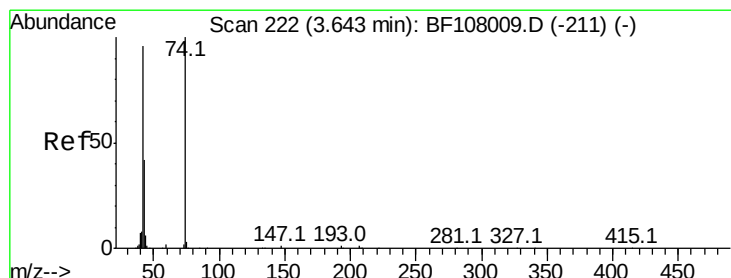
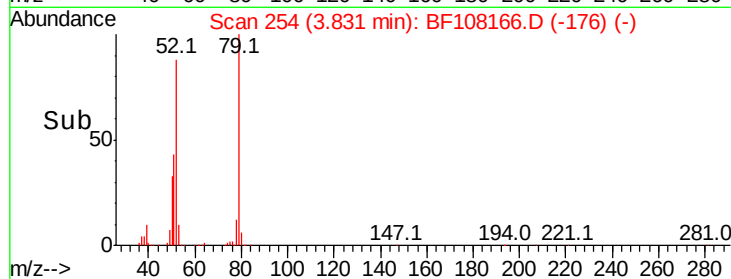
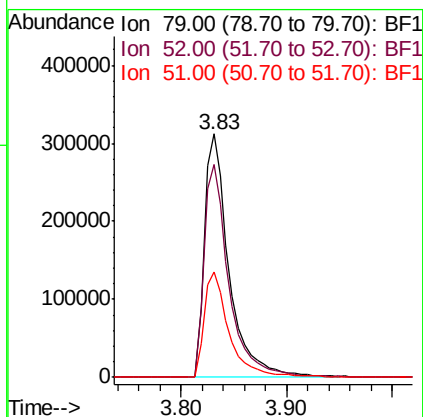
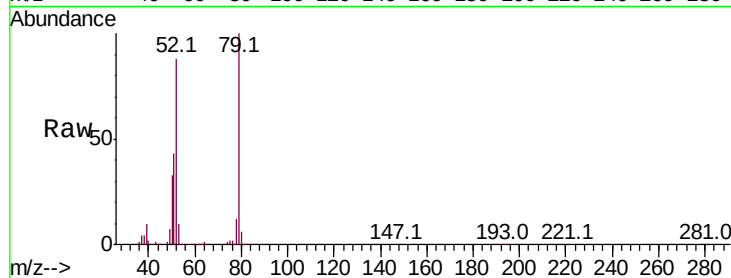
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	79	Resp:	504672
Ion Ratio	Lower	Upper	
79	100		
52	87.7	59.8	89.6
51	43.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.676 ng

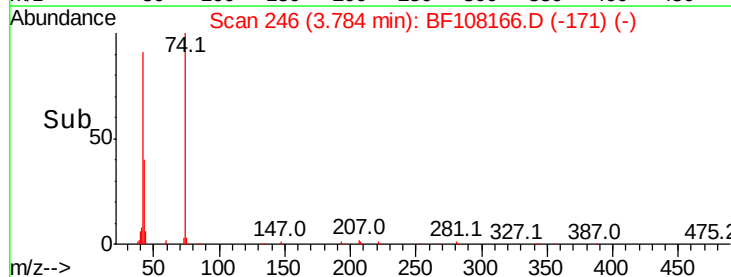
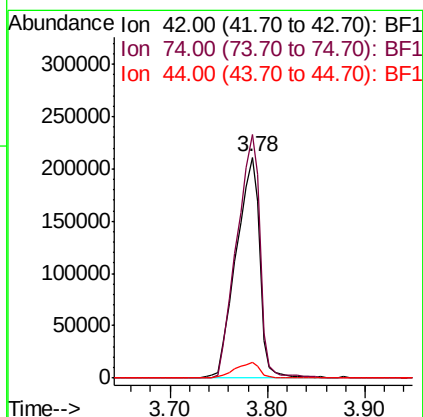
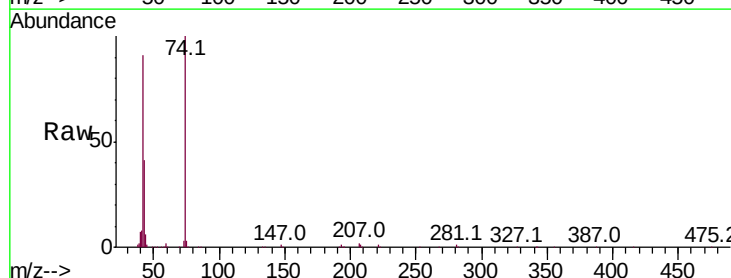
RT: 3.78 min Scan# 246

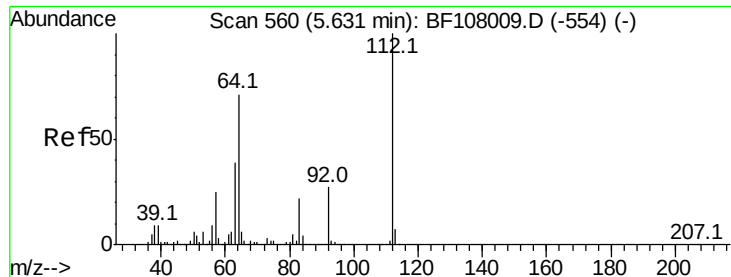
Delta R.T. 0.14 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	42	Resp:	351303
Ion Ratio	Lower	Upper	
42	100		
74	110.2	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 115.173 ng

RT: 5.67 min Scan# 567

Delta R.T. 0.04 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

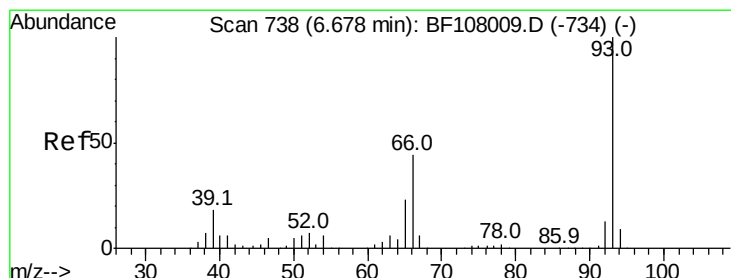
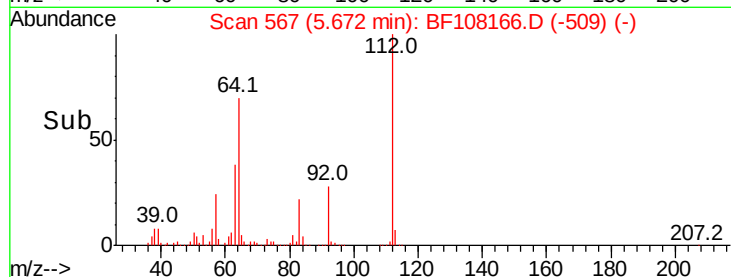
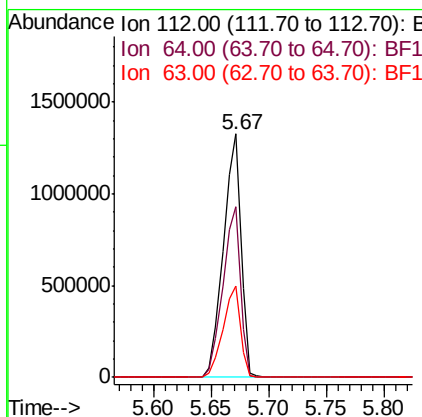
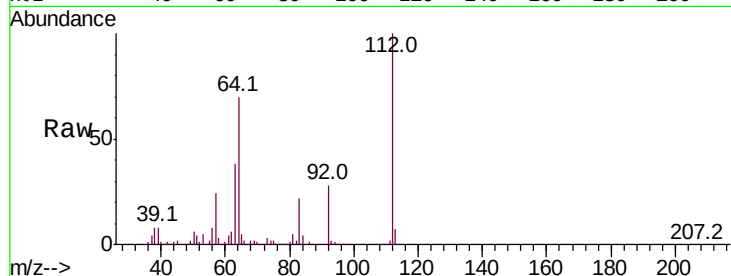
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	112	Resp:	1404592
Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	37.6	23.7	35.5#

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#6

Aniline

Concen: 13.061 ng

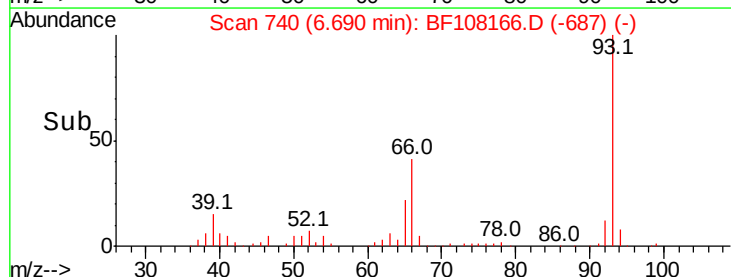
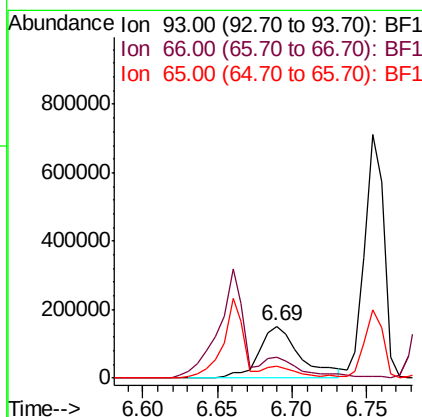
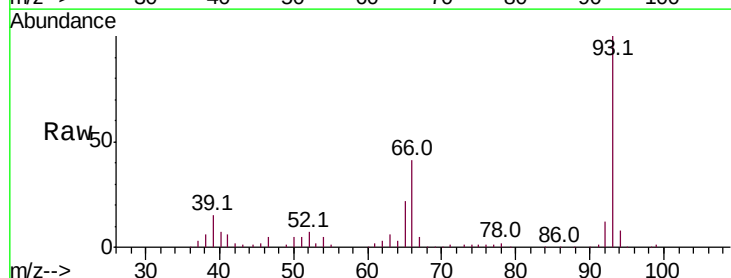
RT: 6.69 min Scan# 740

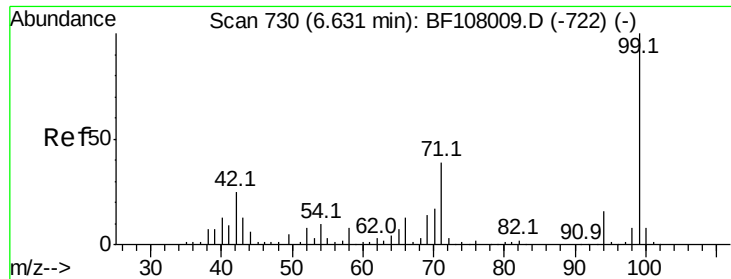
Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	93	Resp:	287909
Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 110.628 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion: 99 Resp: 1792842

Ion Ratio Lower Upper

99 100

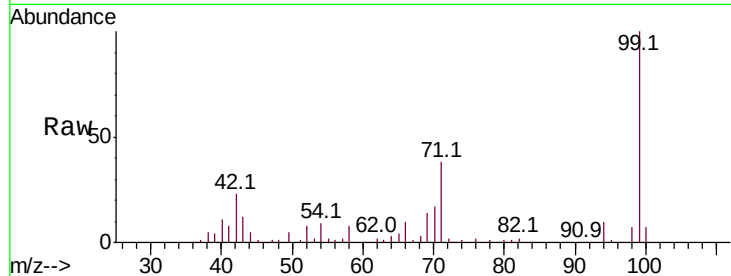
42 23.5 14.5 21.7#

71 37.7 25.4 38.0

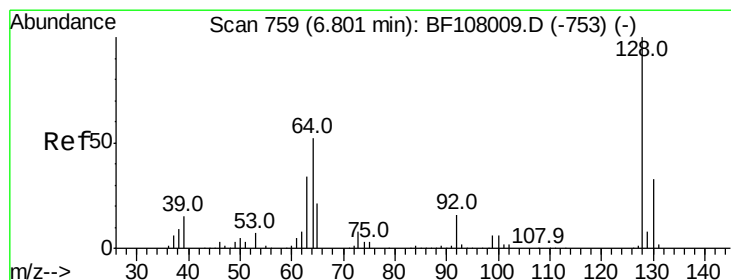
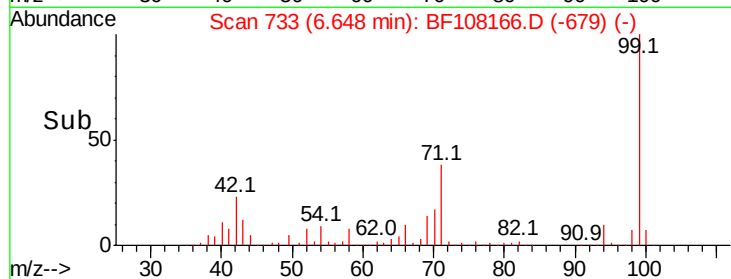
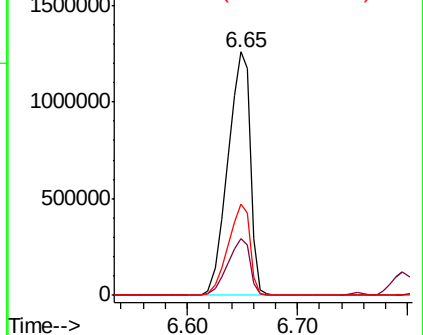
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.468 ng

RT: 6.81 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

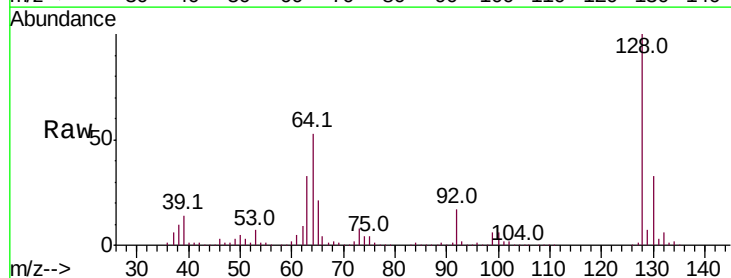
Tgt Ion:128 Resp: 610783

Ion Ratio Lower Upper

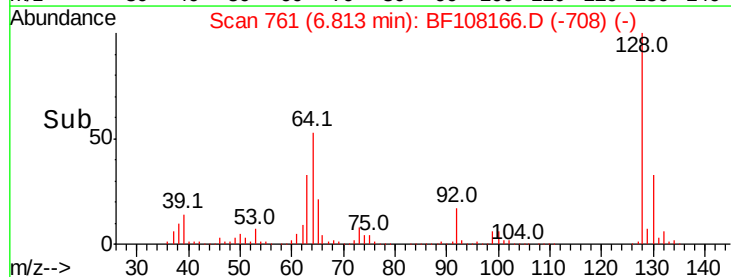
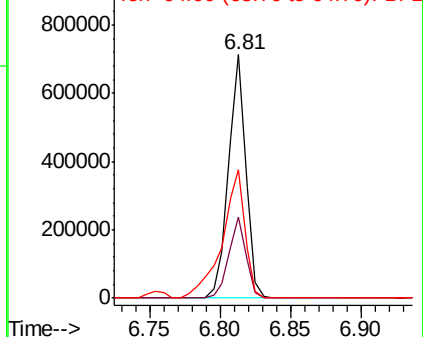
128 100

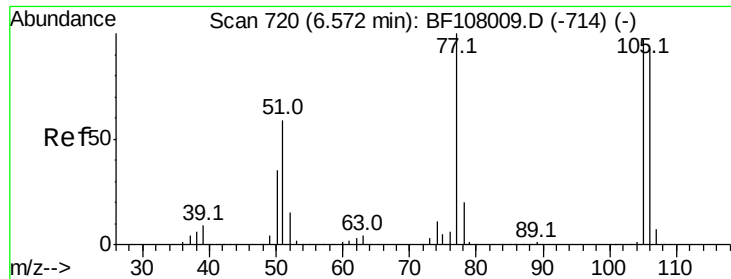
130 33.4 13.0 53.0

64 52.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.035 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

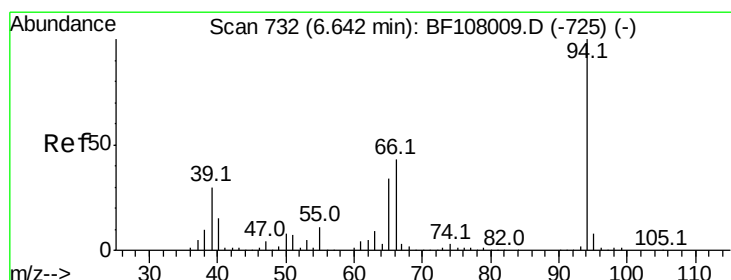
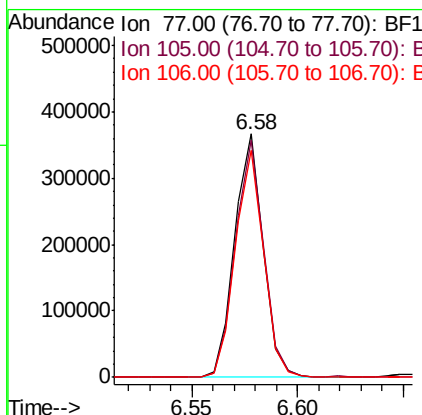
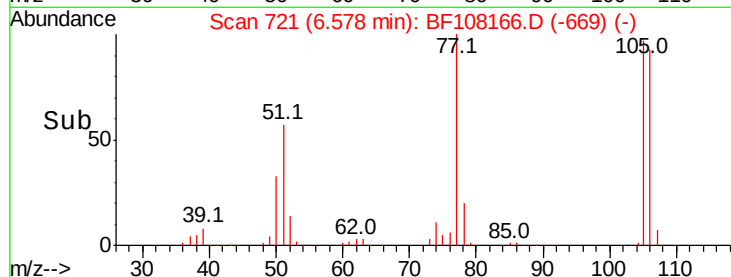
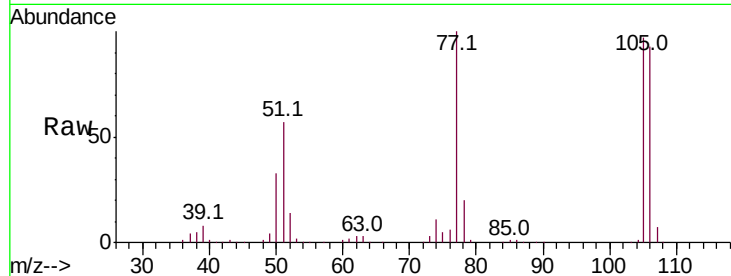
ClientSampleID :

CB-0818-S-TCLP-61AMSD

Tot Ion:	77	Resp:	339694
Ion	Ratio	Lower	Upper
77	100		
105	97.4	81.1	121.1
106	93.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.658 ng

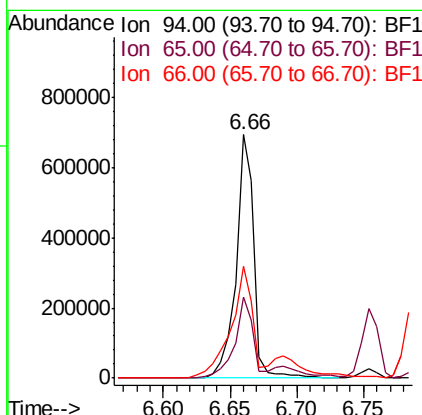
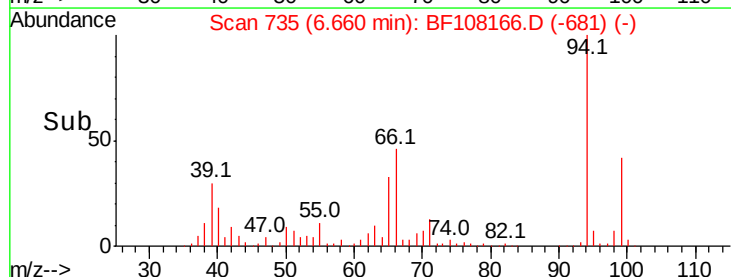
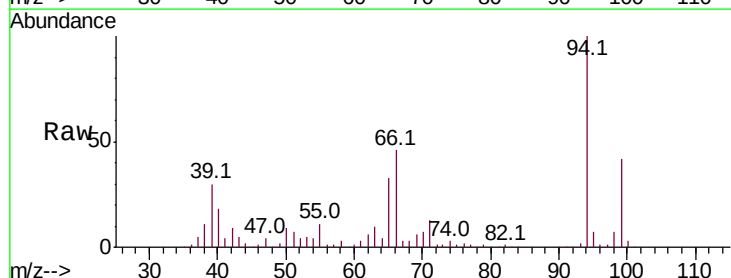
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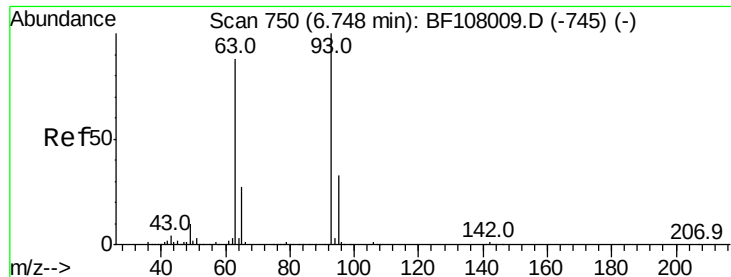
Delta R.T. 0.02 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	94	Resp:	648042
Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.9	47.9
66	45.8	16.2	56.2





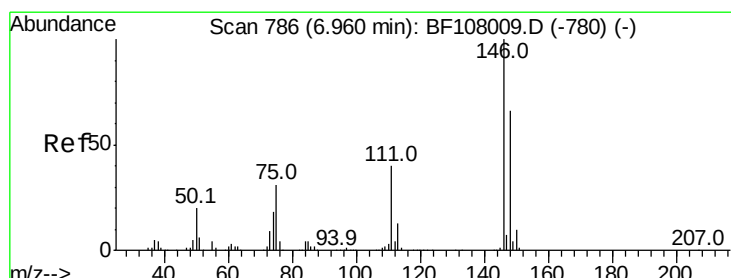
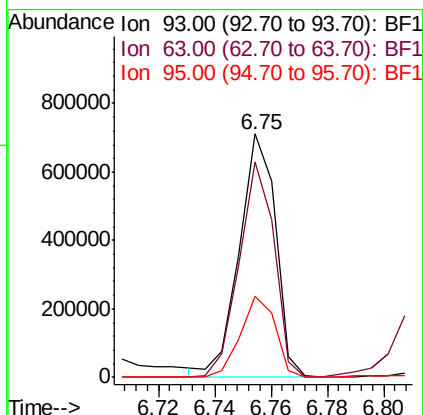
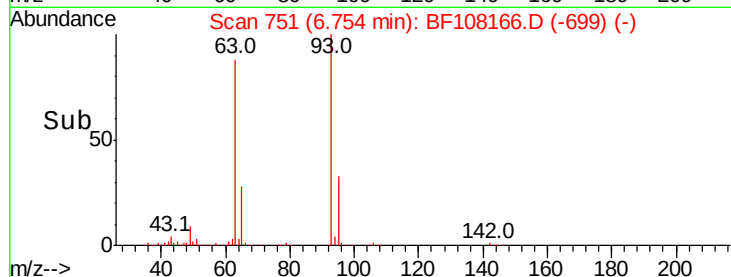
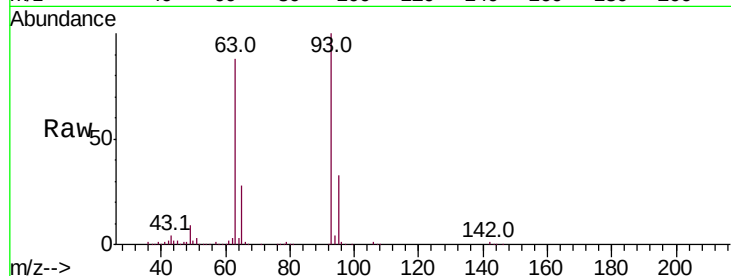
#11
bis(2-Chloroethyl)ether
Concen: 46.578 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.4	58.6	98.6
95	33.1	11.8	51.8

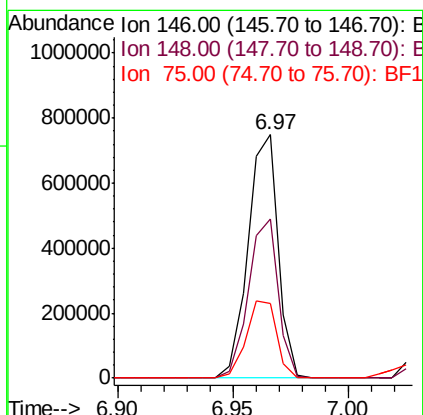
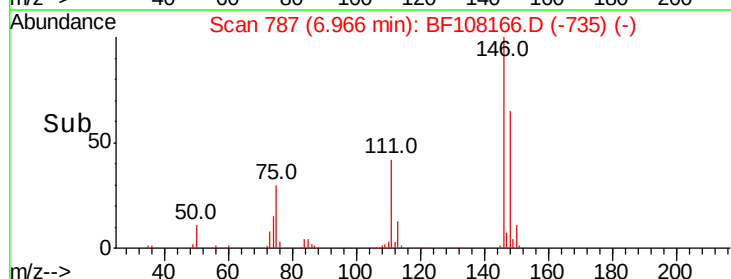
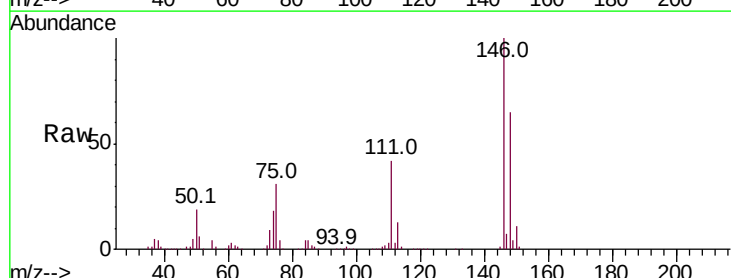
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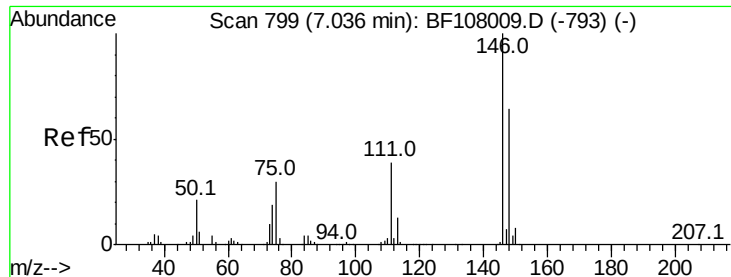
Sohil
8/16/2018 5:26:59 PM



#12
1,3-Dichlorobenzene
Concen: 42.987 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
75	30.8	24.2	36.4





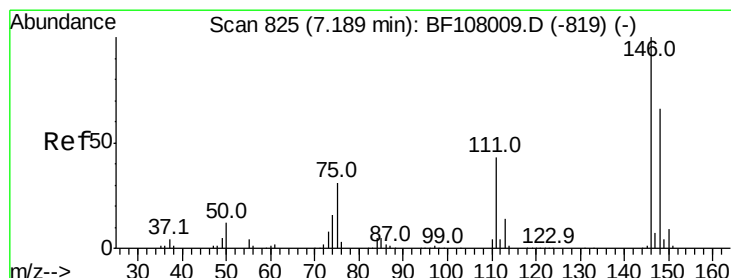
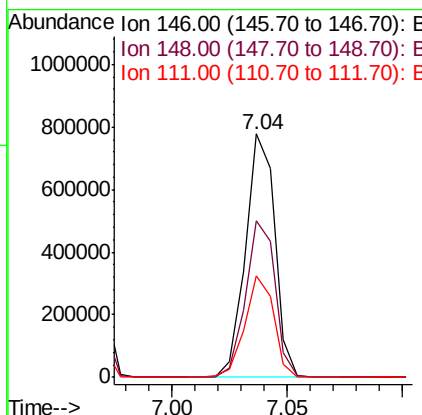
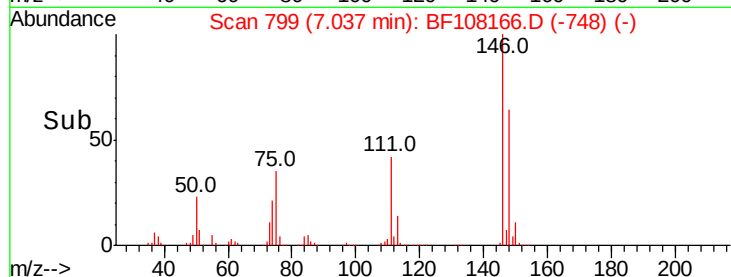
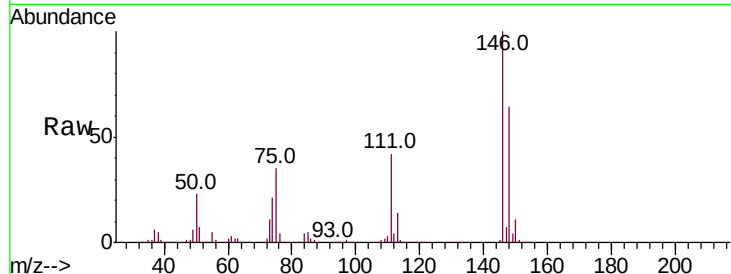
#13
 1,4-Dichlorobenzene
 Concen: 43.352 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampled :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	41.9	34.2	51.2

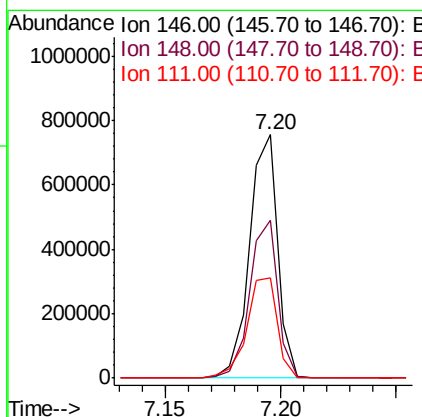
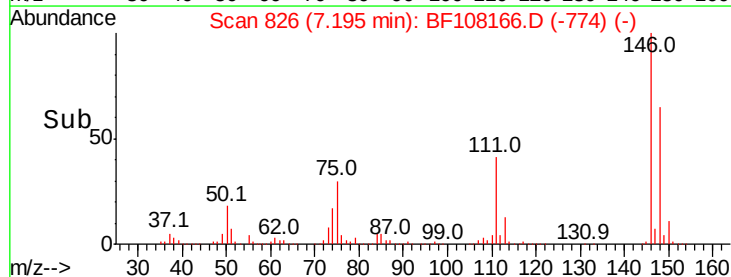
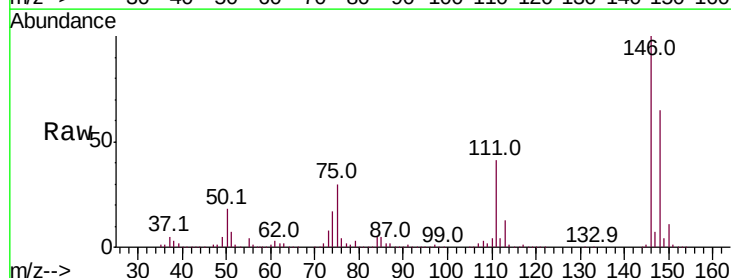
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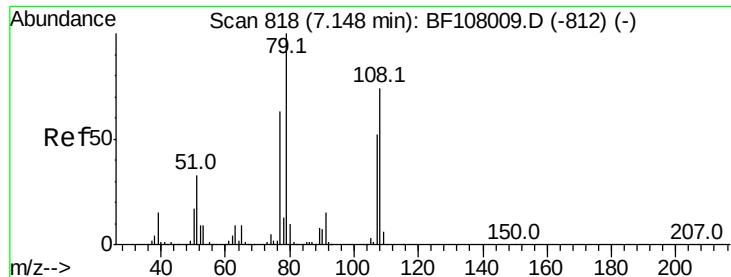
Sohil
 8/16/2018 5:26:59 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.516 ng
 RT: 7.20 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	41.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 45.453 ng

RT: 7.16 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

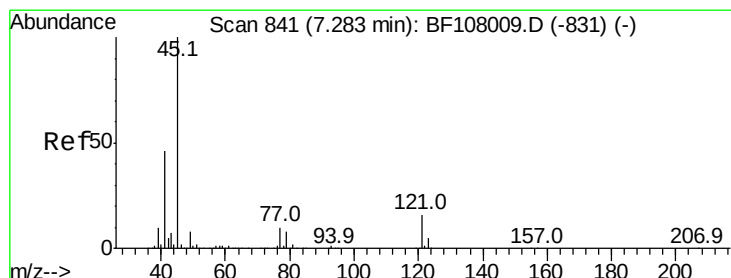
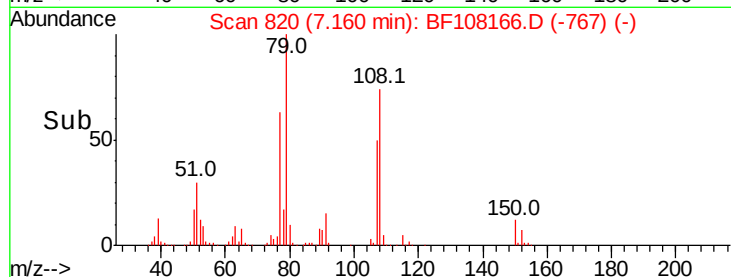
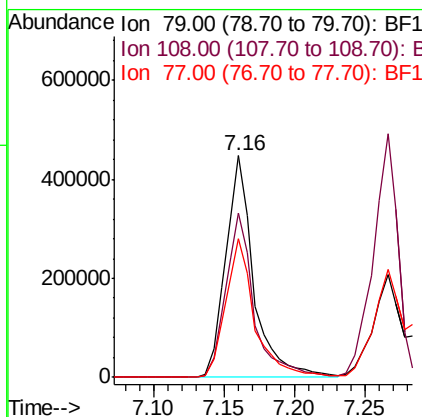
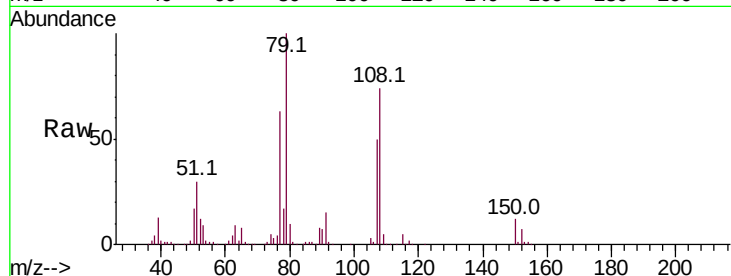
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	79	Resp:	620123
Ion Ratio	Lower	Upper	
79	100		
108	74.0	65.1	97.7
77	62.6	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.451 ng

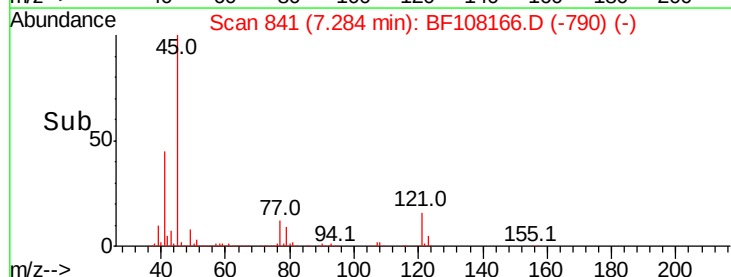
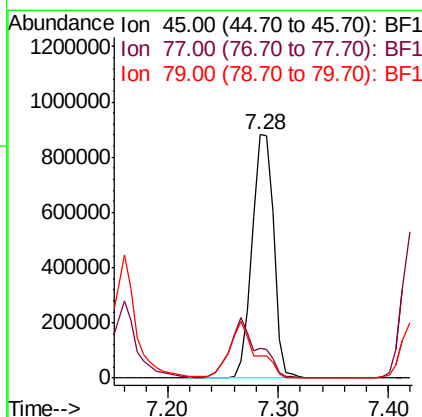
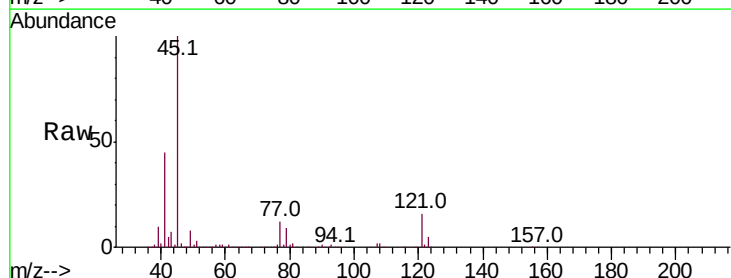
RT: 7.28 min Scan# 841

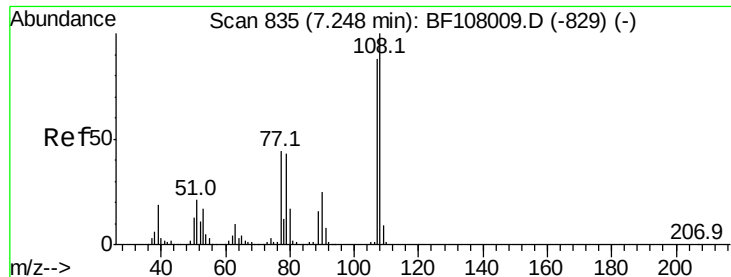
Delta R.T. 0.00 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	45	Resp:	1213123
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.9
79	9.3	0.0	29.6





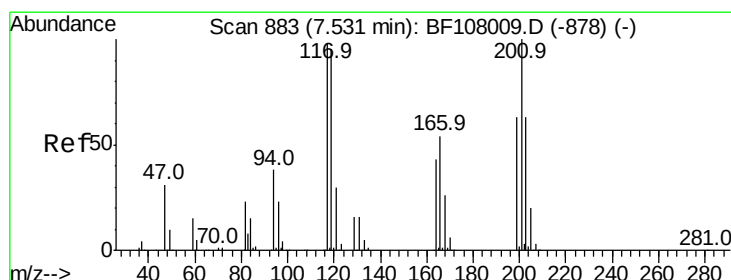
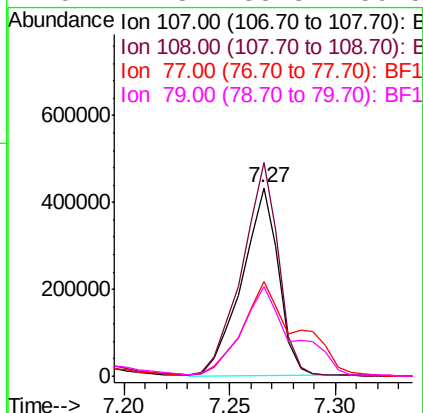
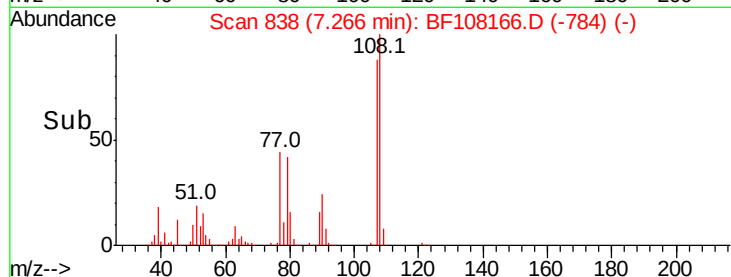
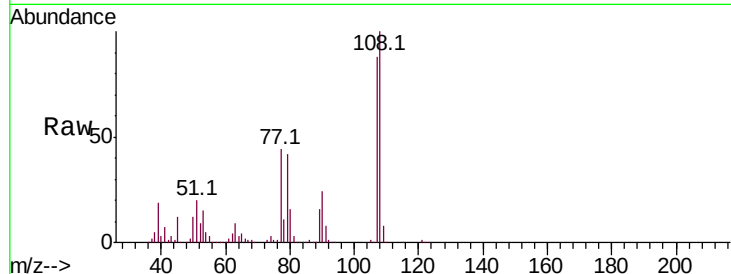
#17
2-Methylphenol
Concen: 44.175 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	50.1	33.8	50.8	
79	47.8	33.8	50.8	

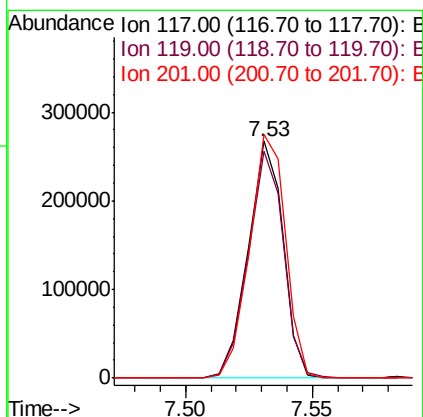
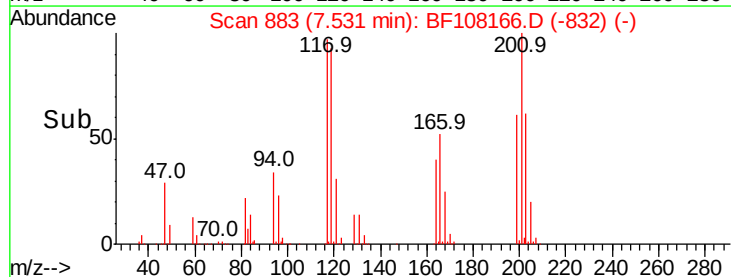
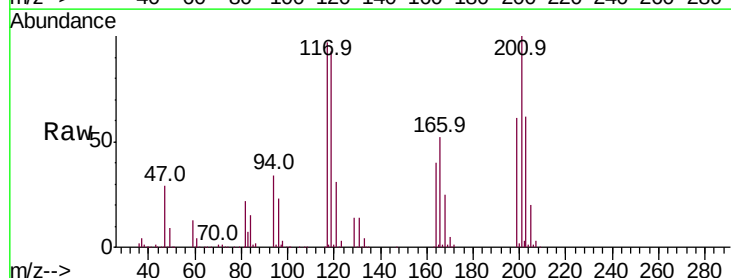
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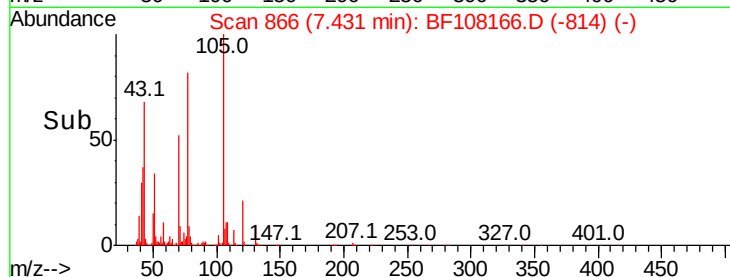
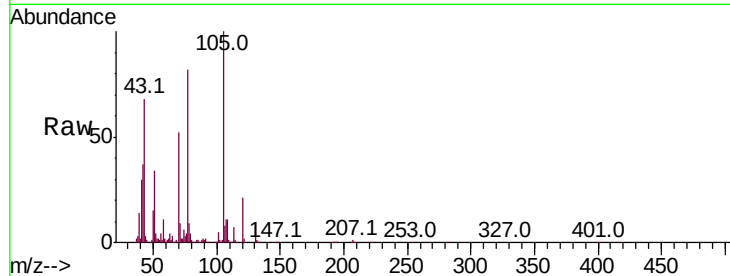
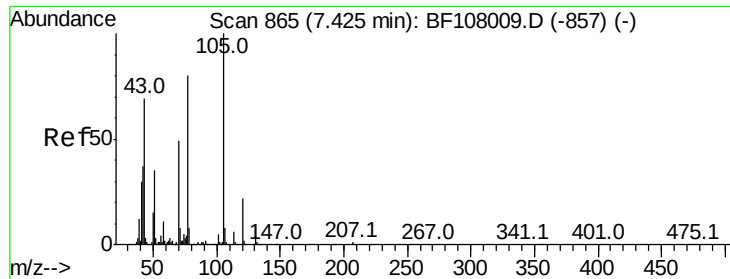
Sohil
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#18
Hexachloroethane
Concen: 45.194 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.8	113.8	
201	102.7	75.7	113.5	





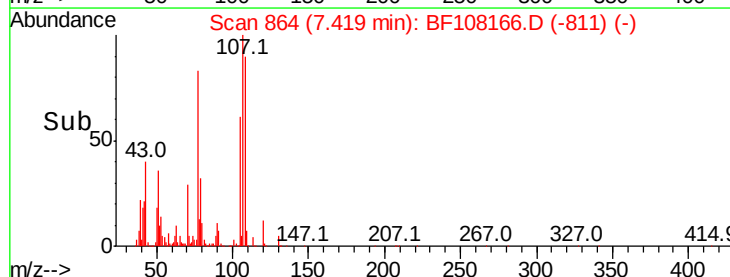
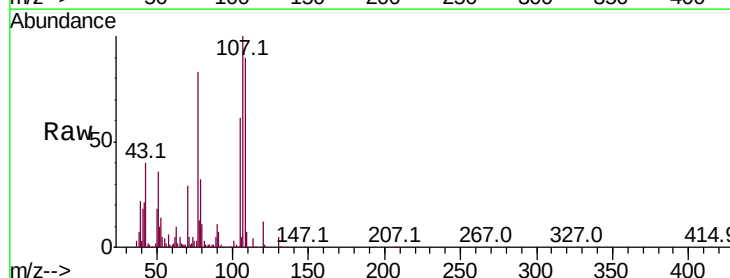
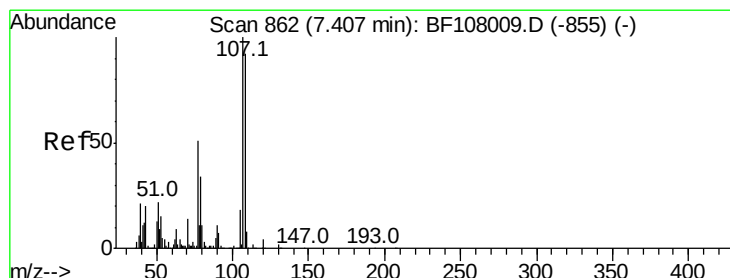
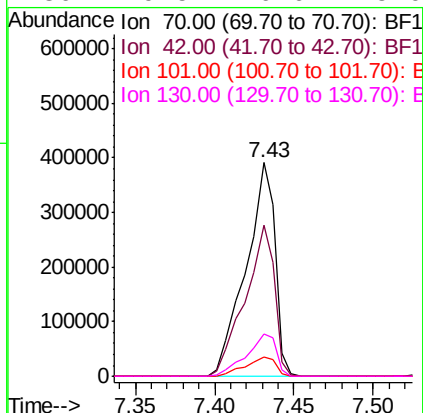
#19
n-Nitroso-di-n-propylamine
Concen: 45.461 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Manual Integrations
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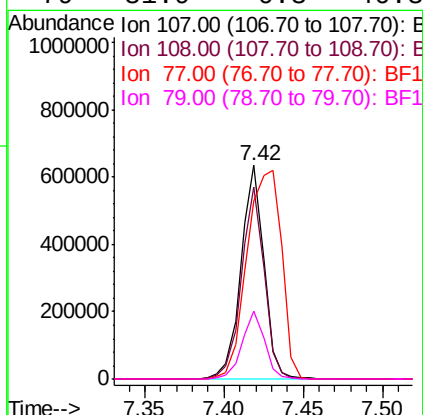
Sohil
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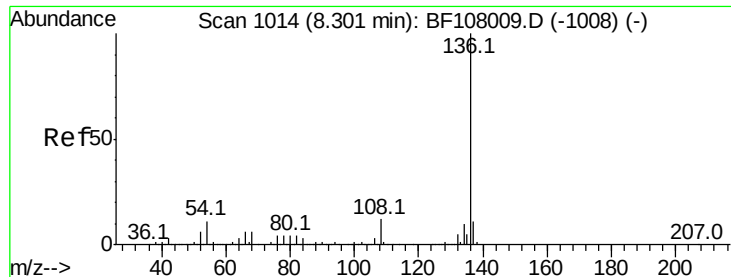
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.7	47.5	71.3	
101	9.3	7.4	11.2	
130	19.5	16.6	25.0	



#20
3+4-Methylphenols
Concen: 42.076 ng
RT: 7.42 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	68.2	108.2	
77	83.3	26.7	66.7#	
79	31.9	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

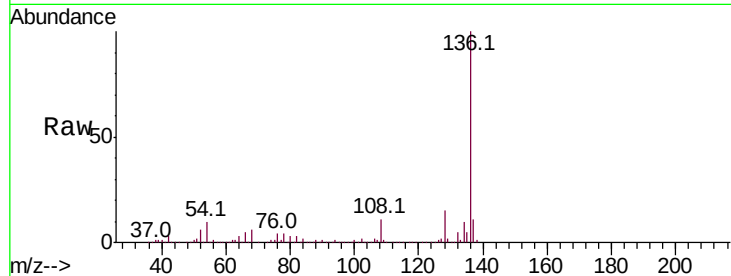
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.6	6.6	9.8	
68	5.8	5.0	7.4	

Manual Integrations
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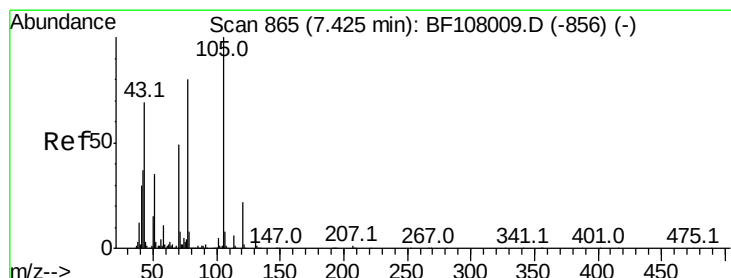
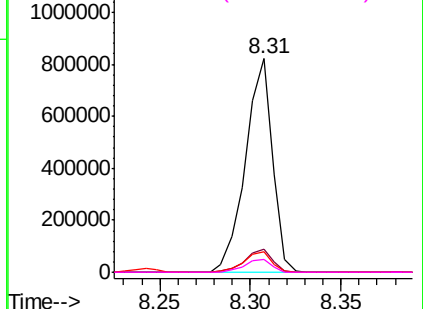
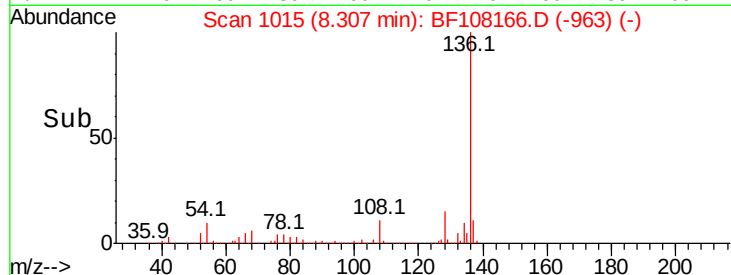
Abundance

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: 46.474 ng

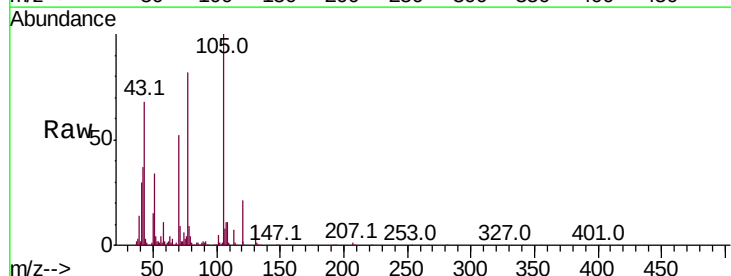
RT: 7.43 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.4	6.6#	
51	34.3	22.3	33.5#	
120	21.0	16.9	25.3	



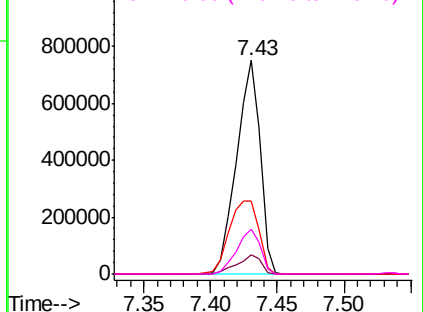
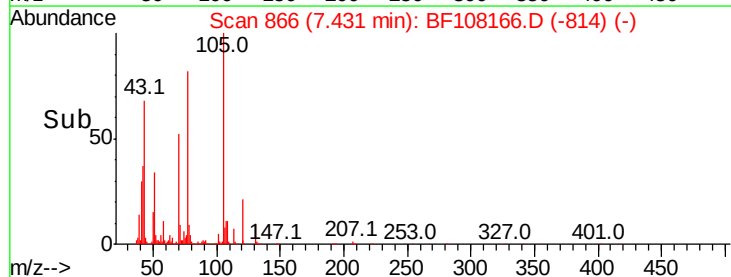
Abundance

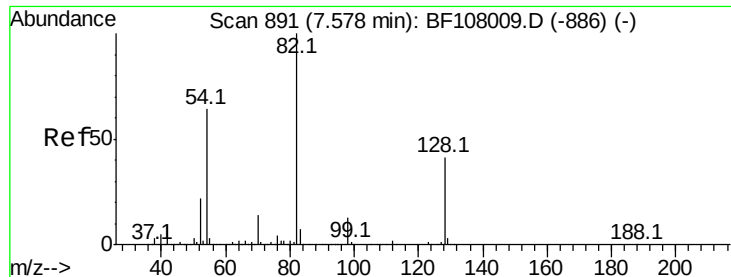
Ion 105.00 (104.70 to 105.70): E

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





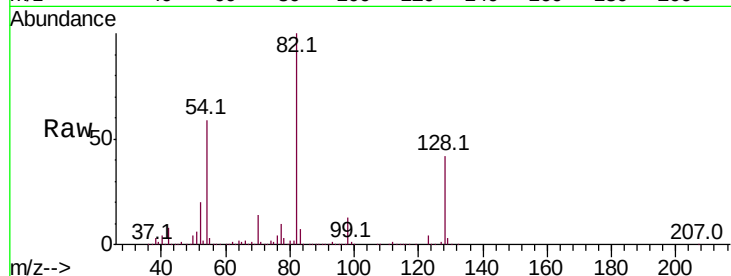
#23
 Nitrobenzene-d5
 Concen: 94.344 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	58.5	41.4	62.2

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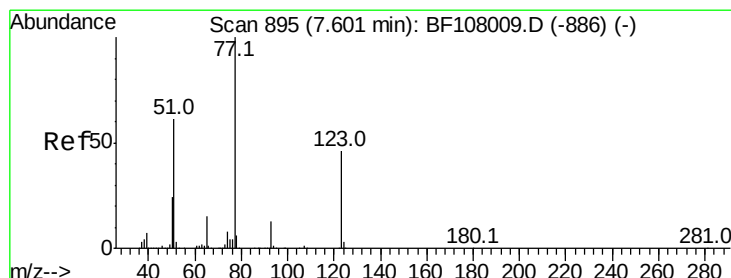
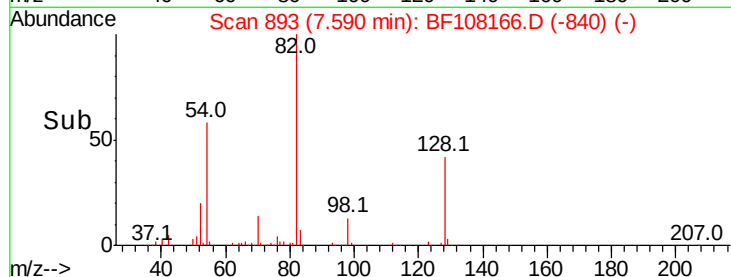
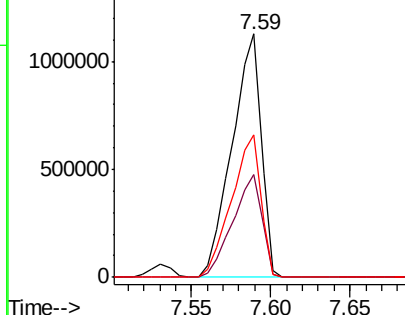


Abundance

Ion 82.00 (81.70 to 82.70): BF1

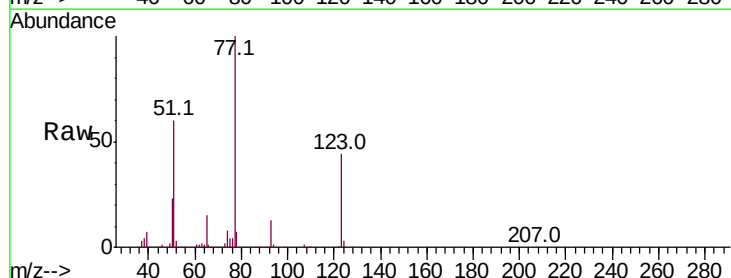
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 47.849 ng
 RT: 7.61 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.9	56.9
65	14.6	11.0	16.4

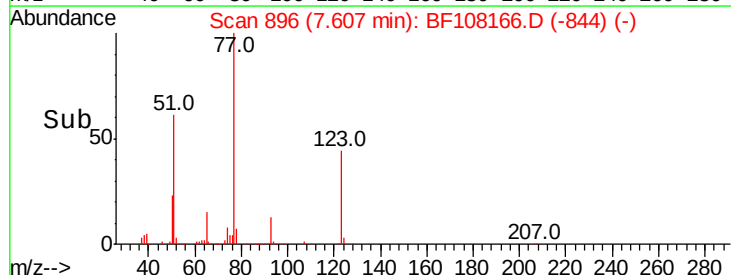
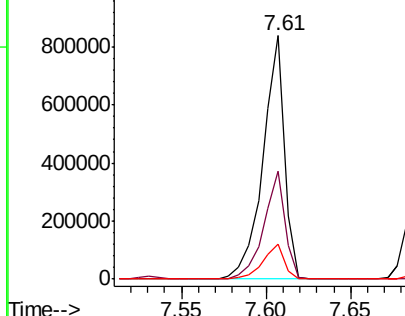


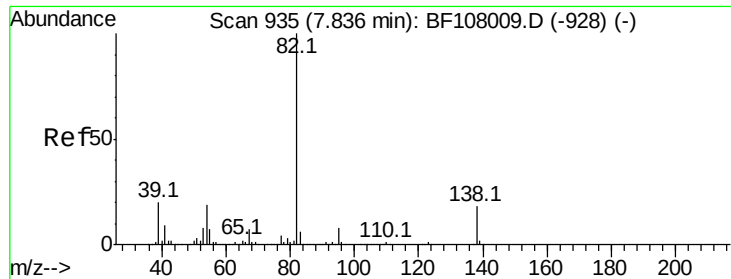
Abundance

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: 46.850 ng

RT: 7.84 min Scan# 936

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion: 82 Resp: 1358642

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

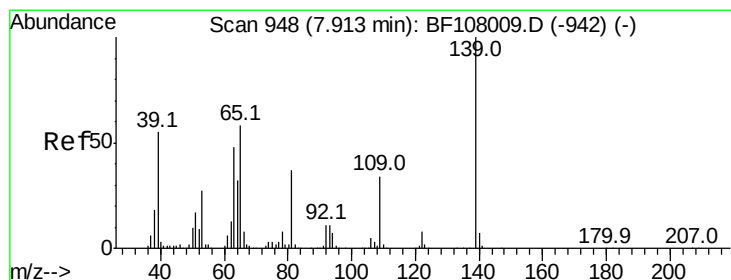
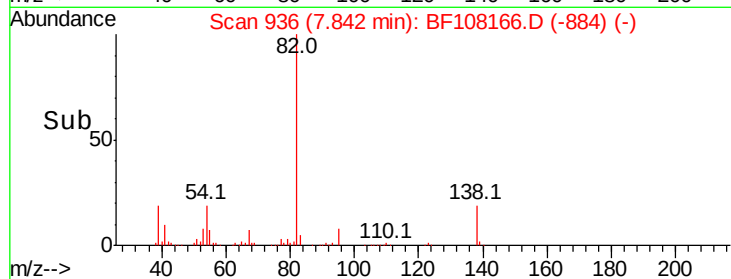
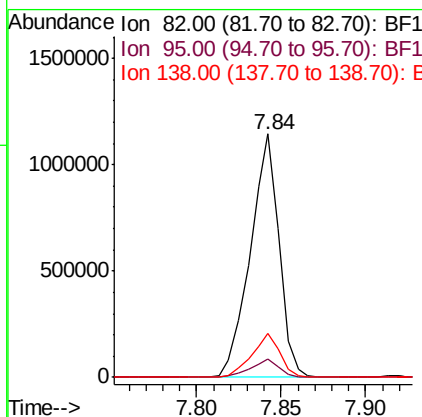
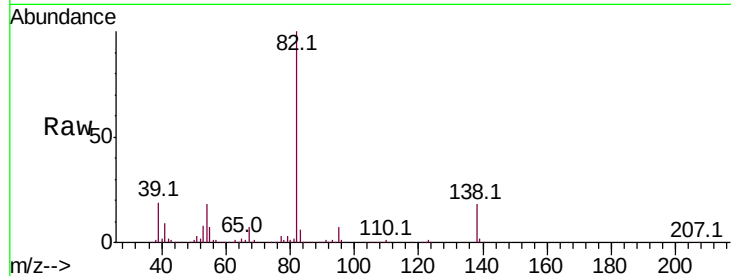
138 17.9 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.243 ng

RT: 7.92 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

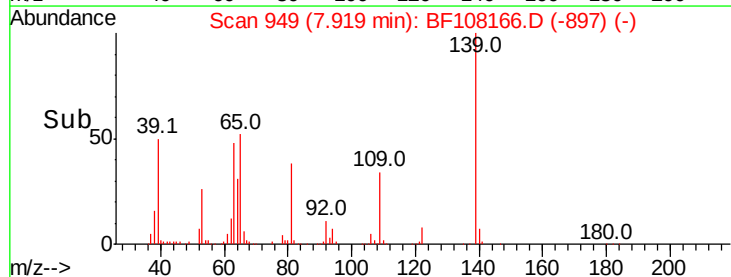
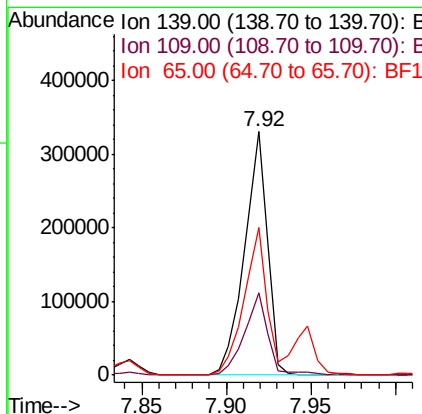
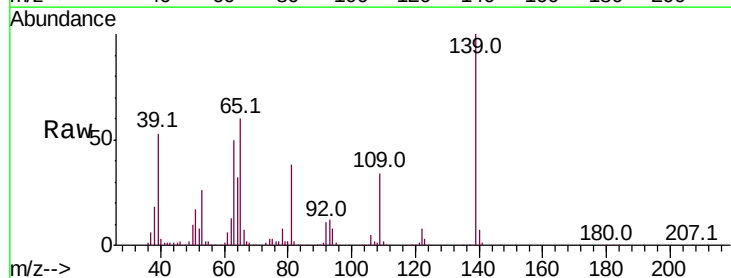
Tgt Ion: 139 Resp: 315165

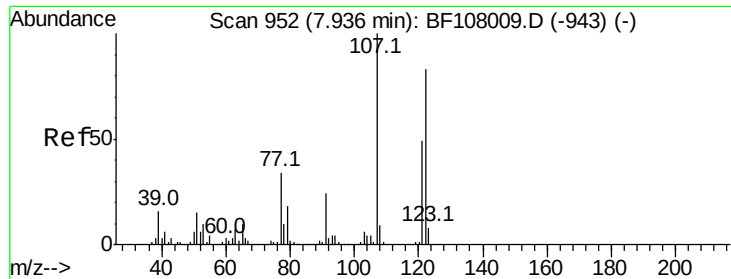
Ion Ratio Lower Upper

139 100

109 33.6 22.7 34.1

65 60.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.333 ng

RT: 7.95 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

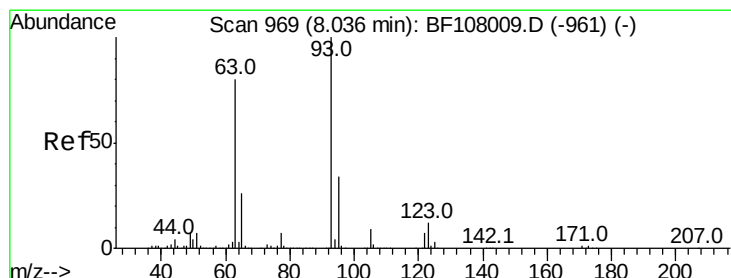
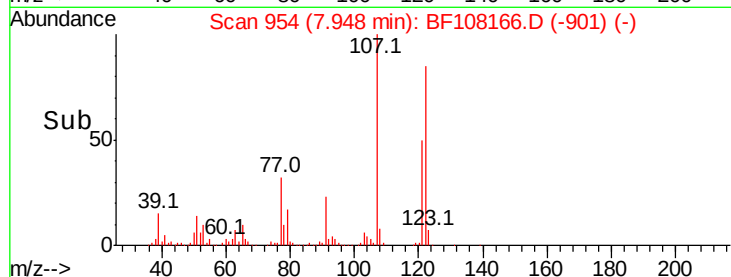
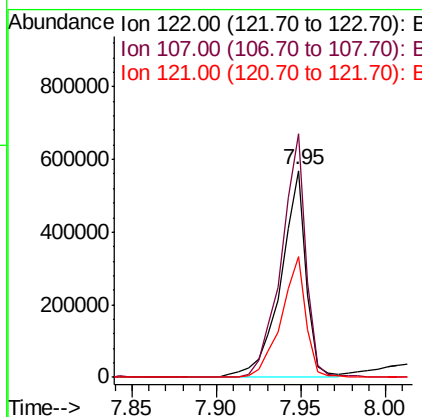
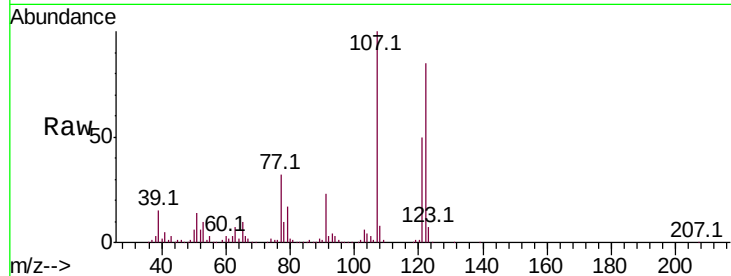
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	122	Resp:	596355
Ion Ratio	Lower	Upper	
122	100		
107	117.8	91.2	136.8
121	58.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 48.444 ng

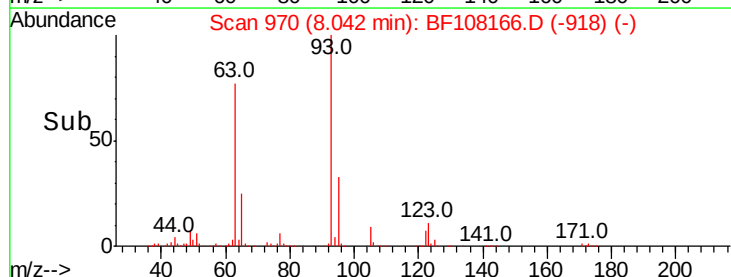
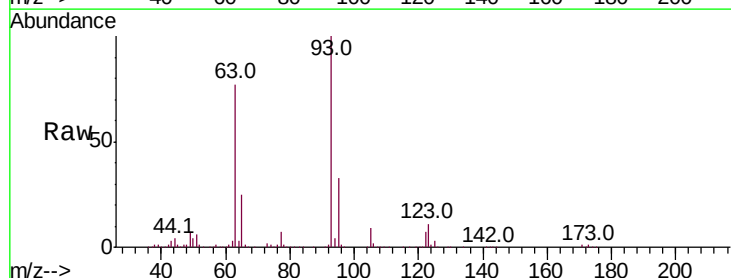
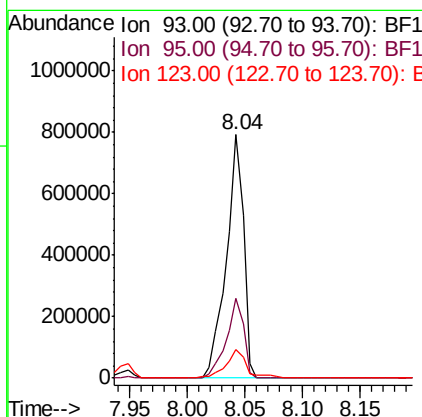
RT: 8.04 min Scan# 970

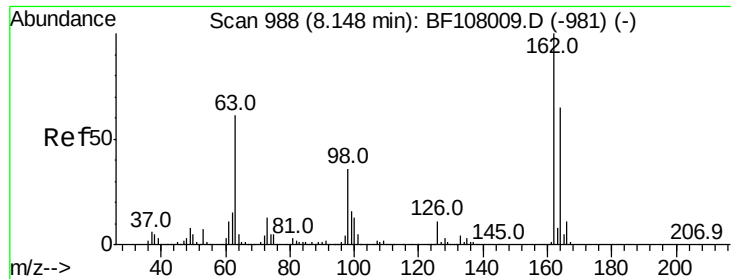
Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	93	Resp:	820134
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.5	9.8	14.6





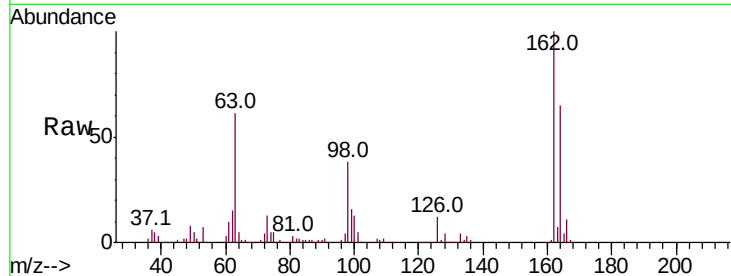
#29
2,4-Dichlorophenol
Concen: 48.676 ng
RT: 8.16 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

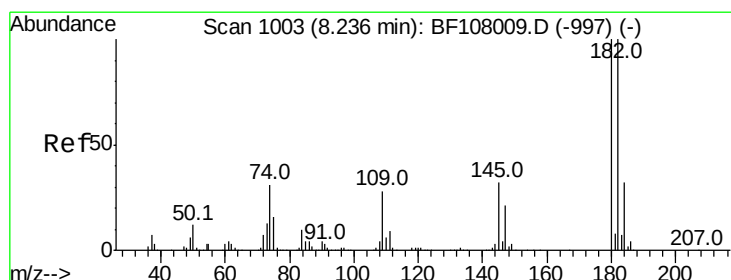
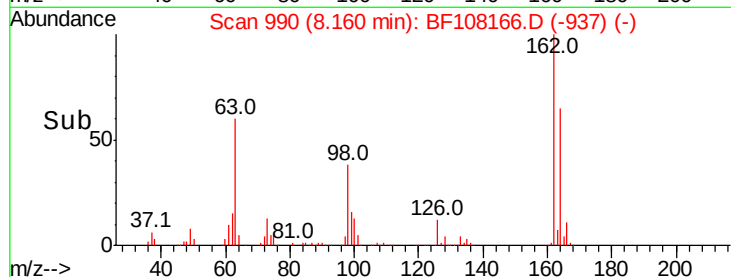
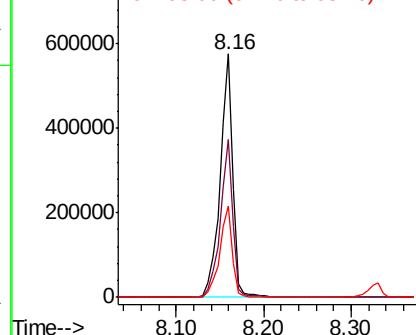
Tot Ion	Ratio	Resp	Lower	Upper
162	100	576555		
164	64.9	42.7	82.7	
98	37.6	18.1	58.1	

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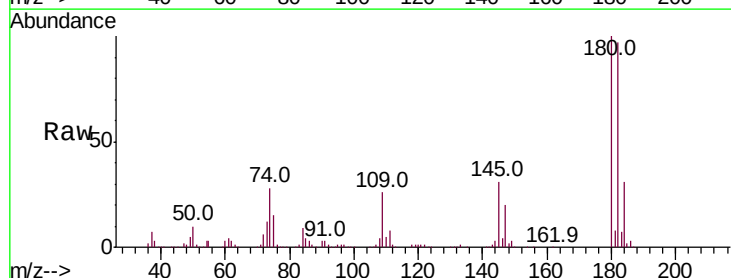


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

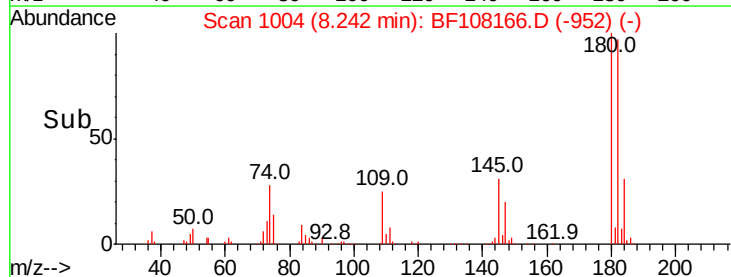
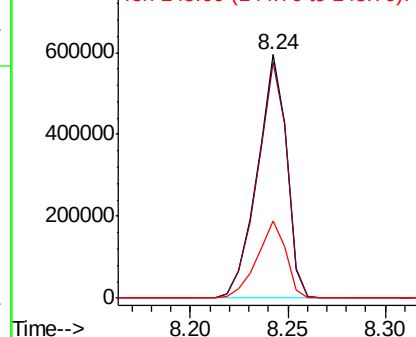


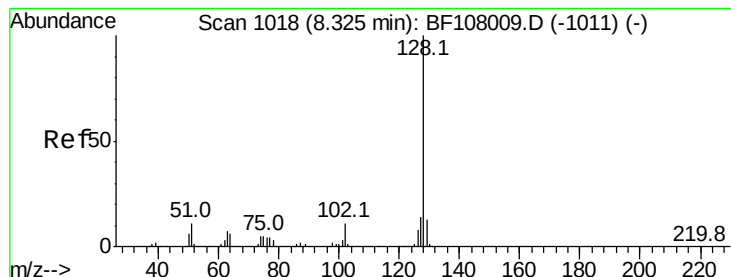
#30
1,2,4-Trichlorobenzene
Concen: 47.043 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	614343		
182	97.1	76.8	115.2	
145	31.5	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: 54.658 ng

RT: 8.33 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

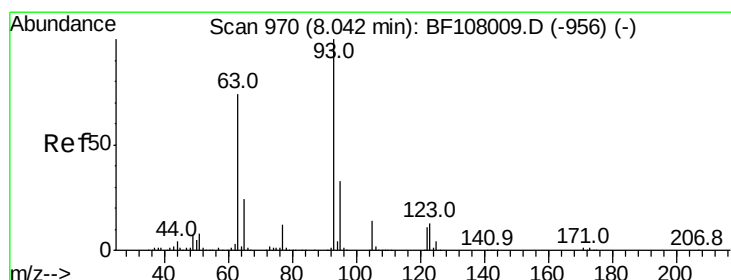
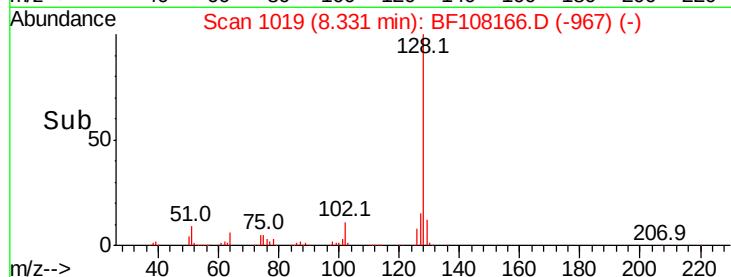
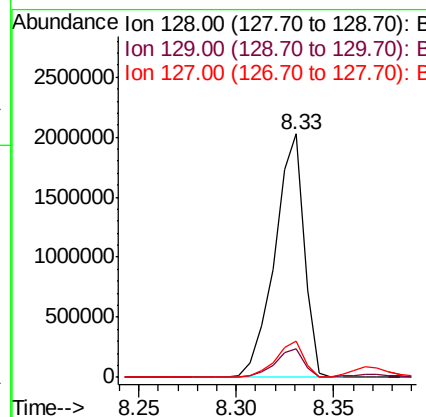
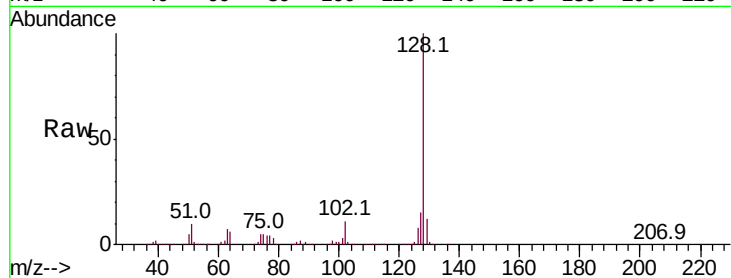
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	128	Resp:	2110391
Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	14.7	10.9	16.3

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#32

Benzoic acid

Concen: 44.787 ng

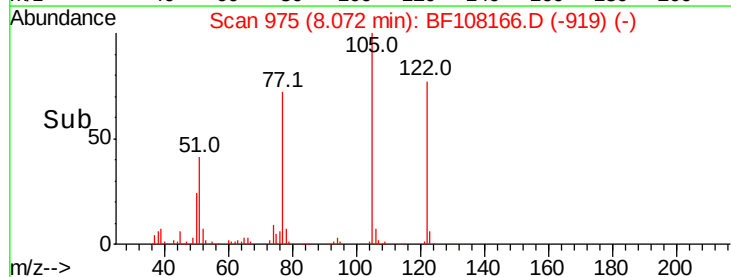
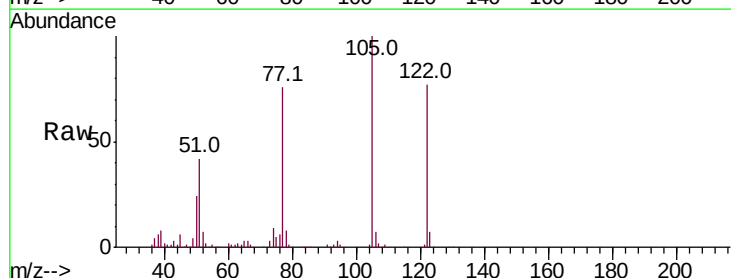
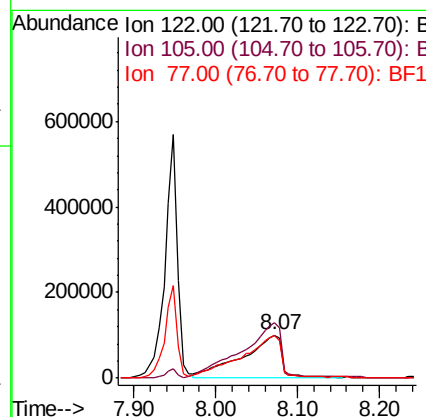
RT: 8.07 min Scan# 975

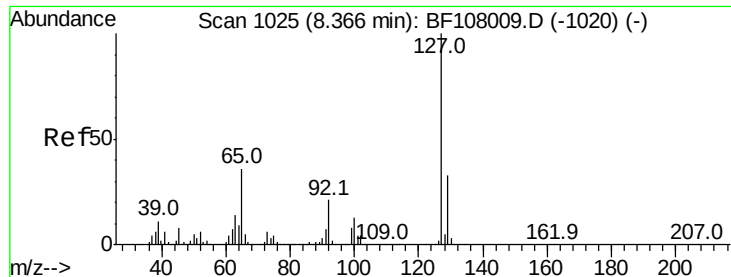
Delta R.T. 0.03 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	122	Resp:	331100
Ion	Ratio	Lower	Upper
122	100		
105	130.1	101.1	141.1
77	98.7	70.7	110.7





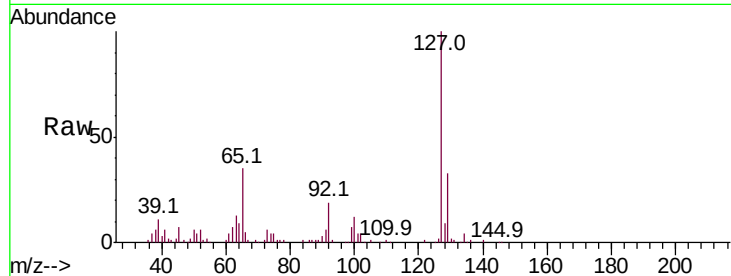
#33
4-Chloroaniline
Concen: 7.795 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	34.9	25.0	37.4	
92	19.5	15.2	22.8	

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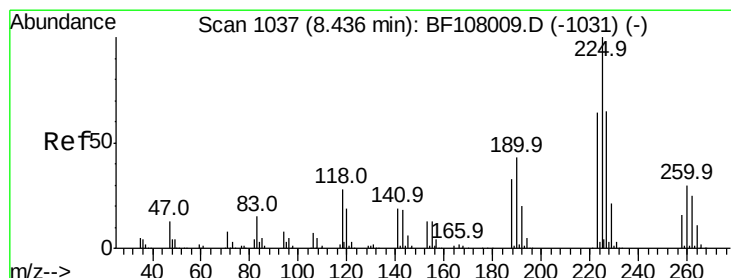
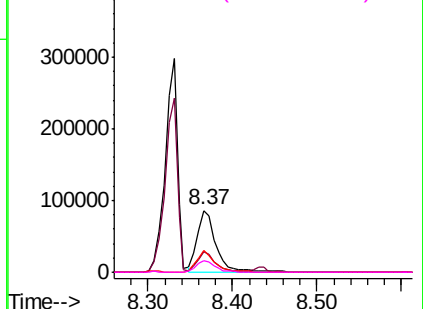
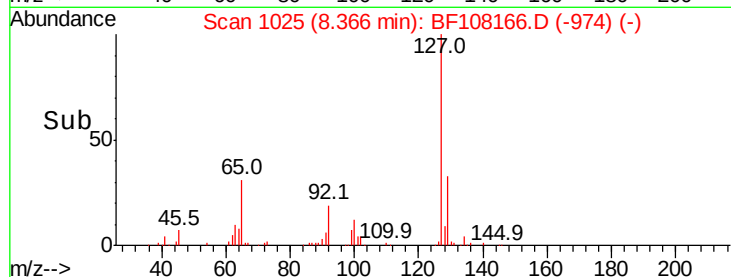
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

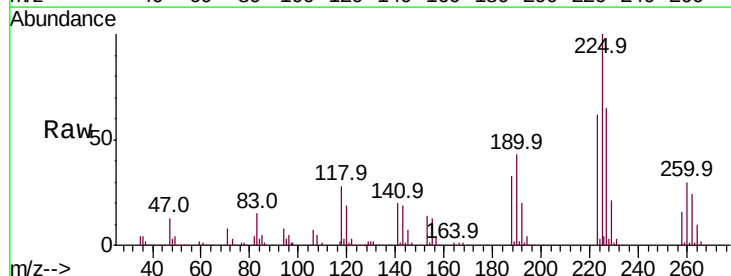
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.431 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.6	76.0	
227	64.8	51.9	77.9	

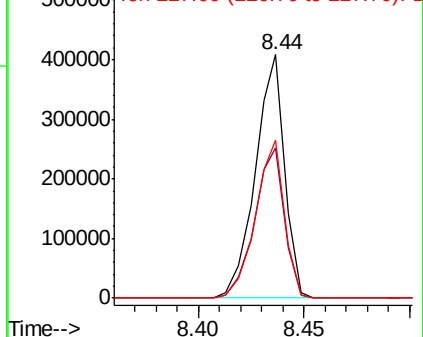
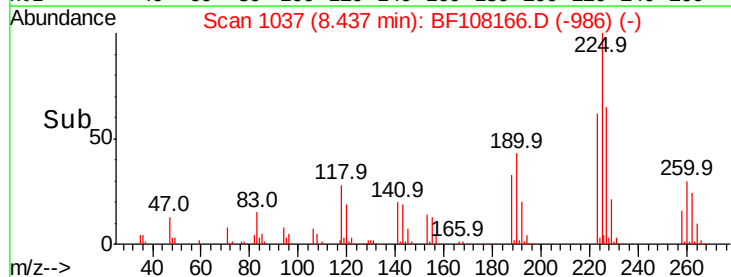


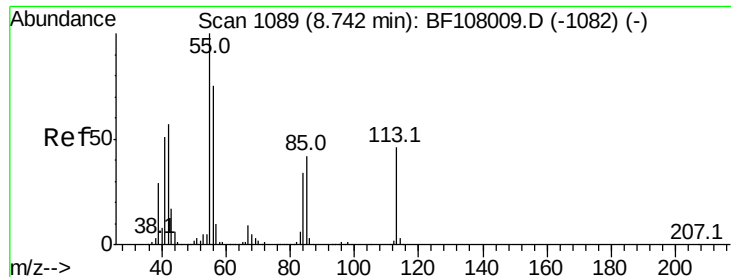
Abundance

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: 42.733 ng/ml

RT: 8.75 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion: 113 Resp: 158617

Ion Ratio Lower Upper

113 100

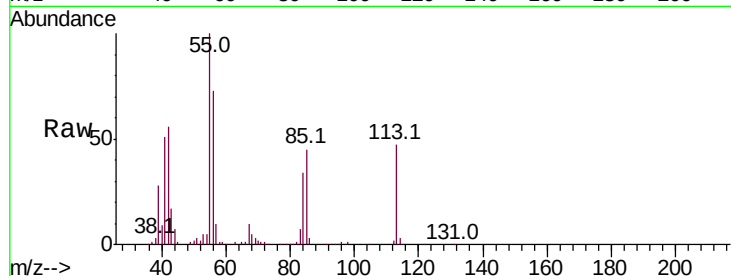
55 210.9 163.3 203.3#

56 154.7 115.7 155.7

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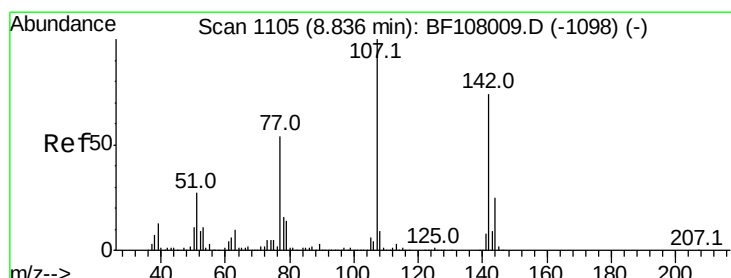
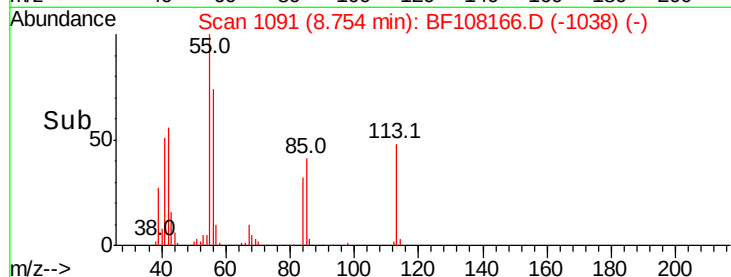
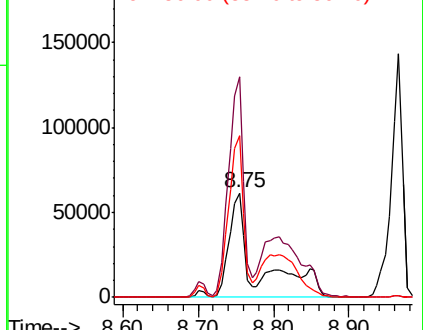
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.756 ng/ml

RT: 8.85 min Scan# 1108

Delta R.T. 0.02 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

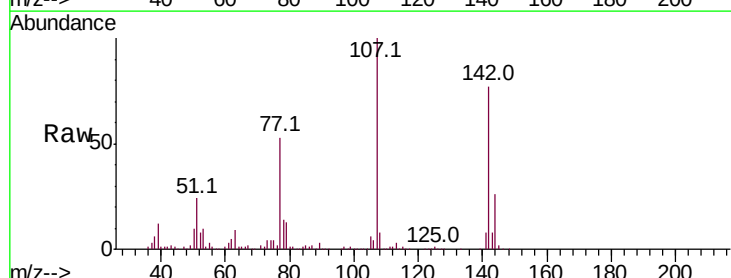
Tgt Ion: 107 Resp: 610215

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

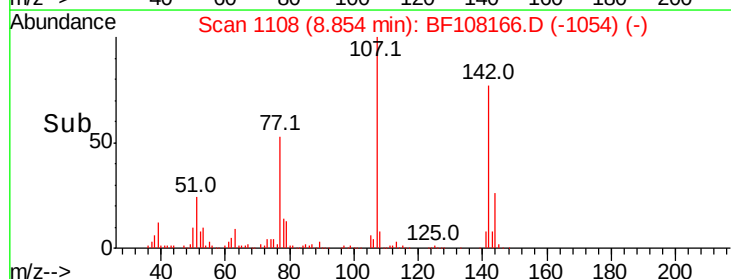
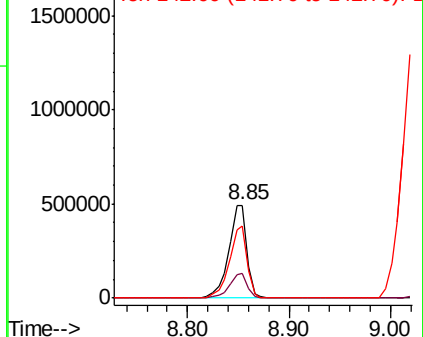
142 77.2 62.0 93.0

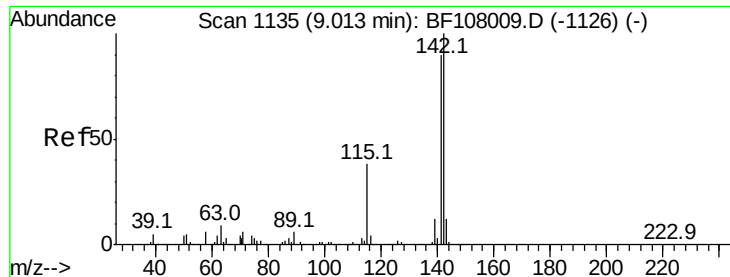


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





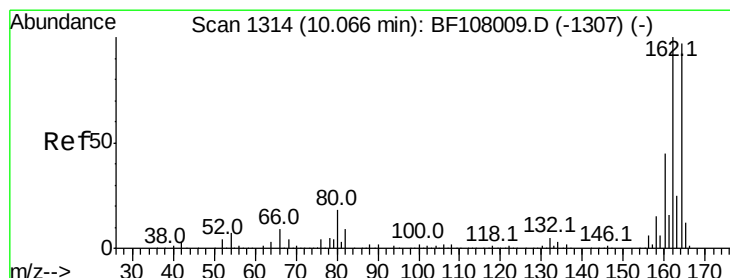
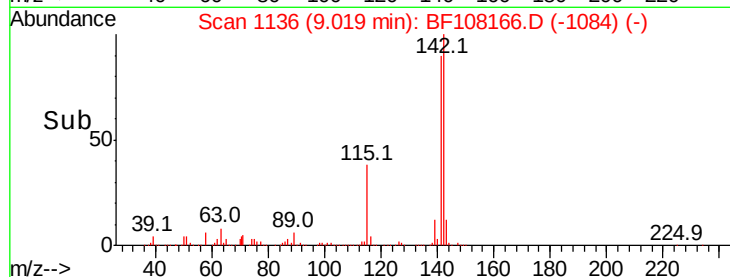
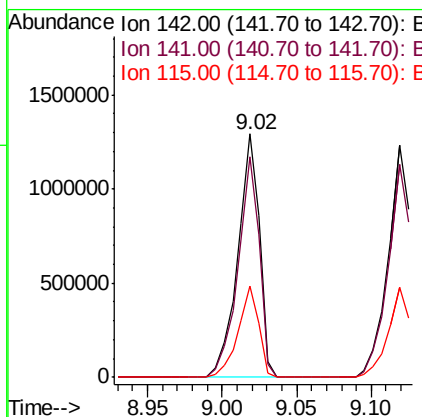
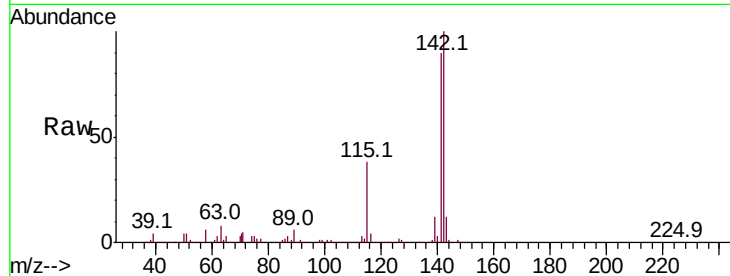
#37
 2-Methylnaphthalene
 Concen: 47.835 ng
 RT: 9.02 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleID :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	37.8	26.1	39.1

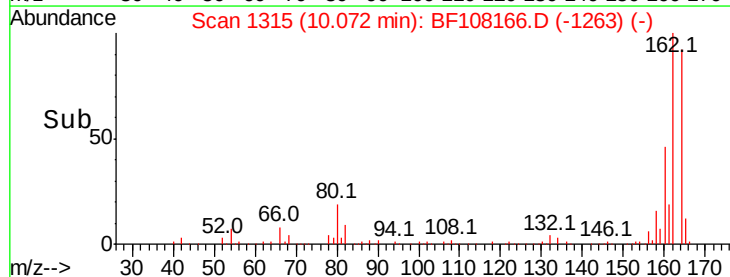
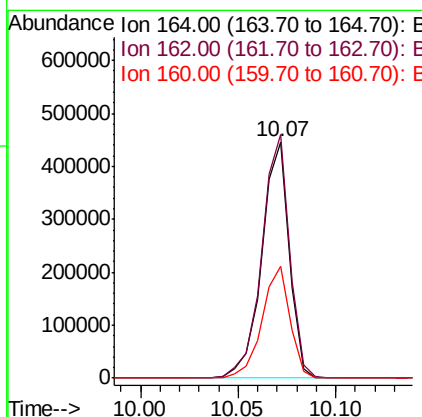
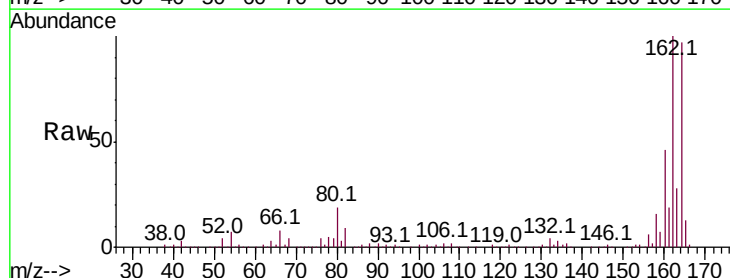
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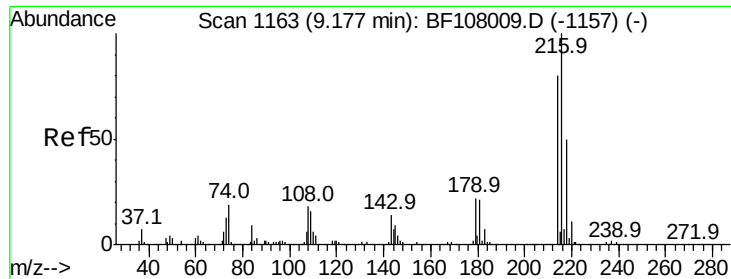
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.5	38.3	57.5





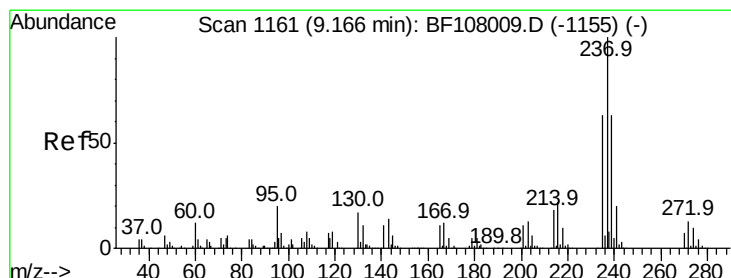
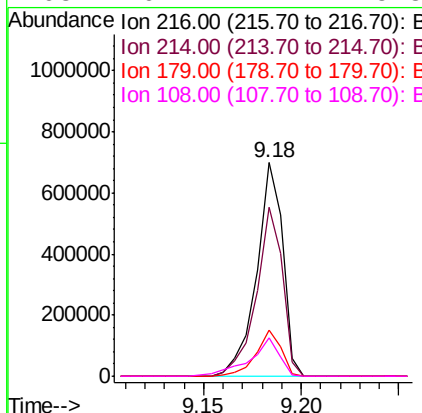
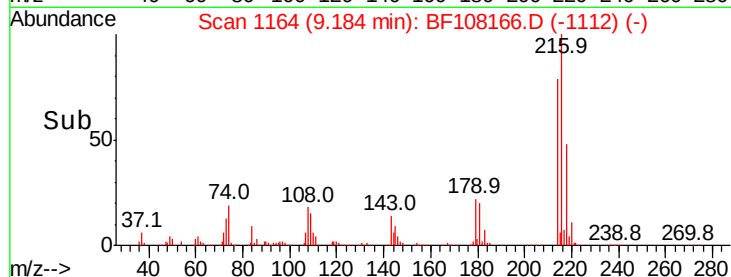
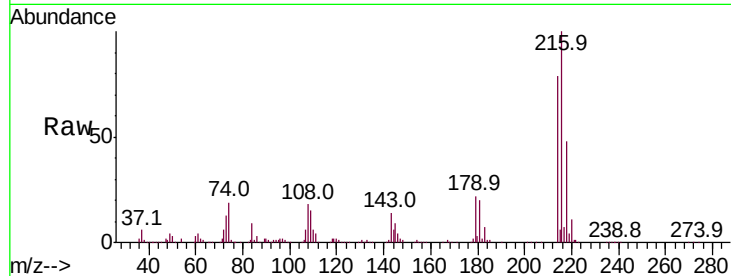
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.925 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	650590		
214	78.8	63.0	94.4	
179	20.8	18.1	27.1	
108	20.2	17.2	25.8	

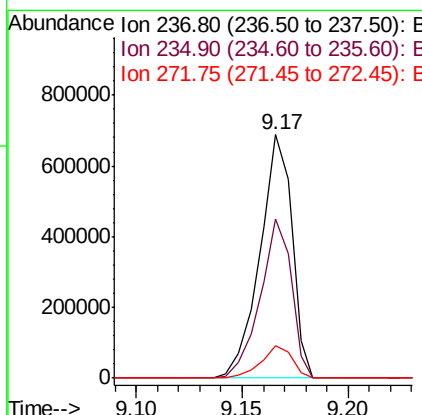
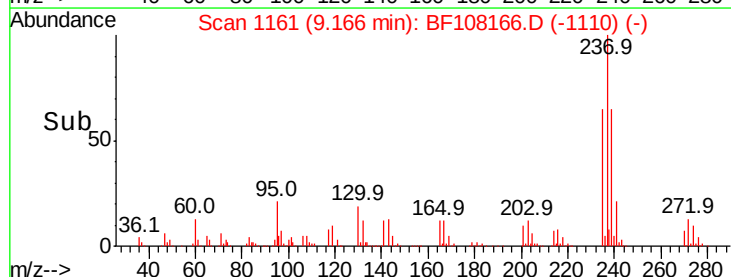
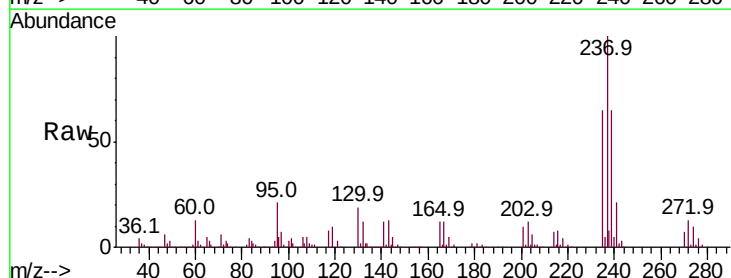
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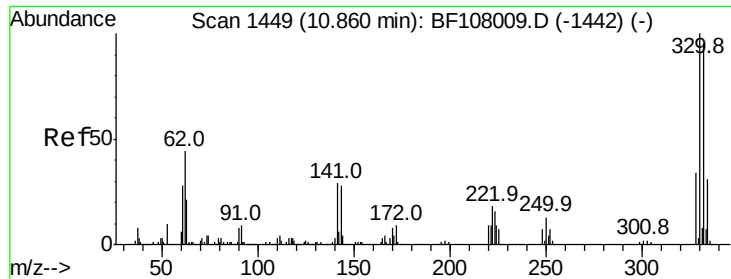
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#40
 Hexachlorocyclopentadiene
 Concen: 84.829 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	728614		
235	65.1	44.8	84.8	
272	13.1	0.0	33.3	





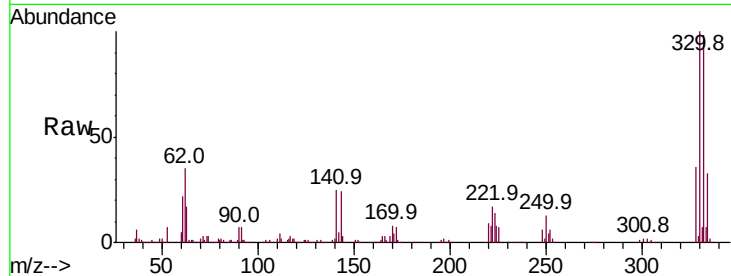
#41
 2,4,6-Tribromophenol
 Concen: 149.235 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	32.2	29.9	44.9	

Manual Integrations
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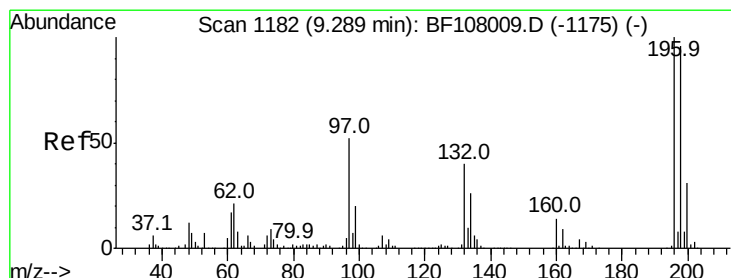
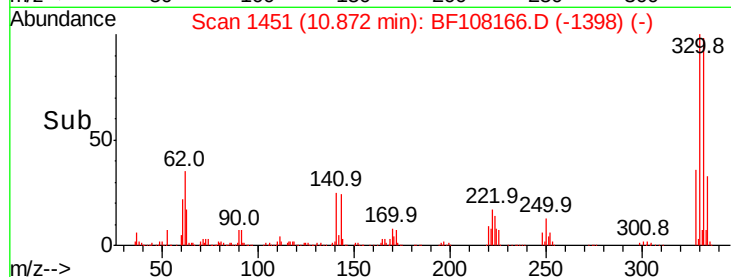
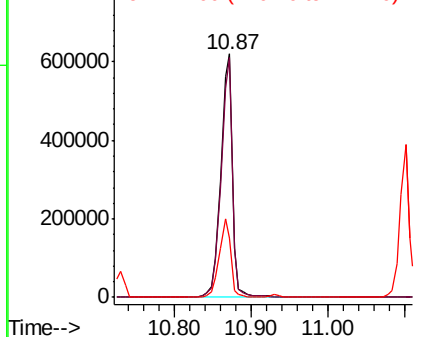


Abundance

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: 53.250 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

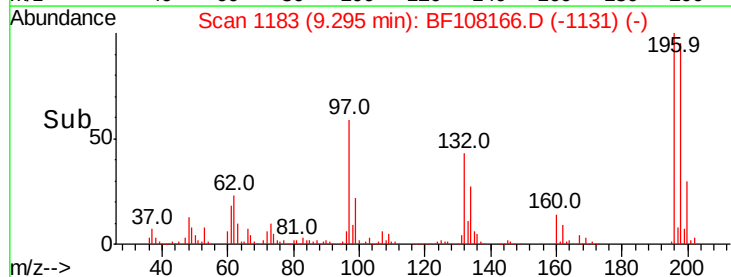
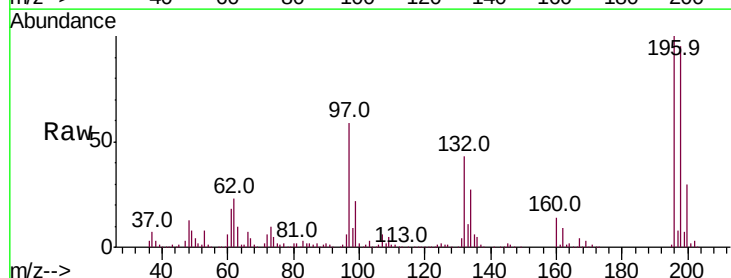
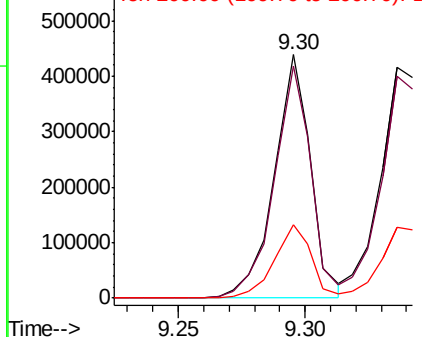
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.3	75.7	113.5	
200	30.1	24.5	36.7	

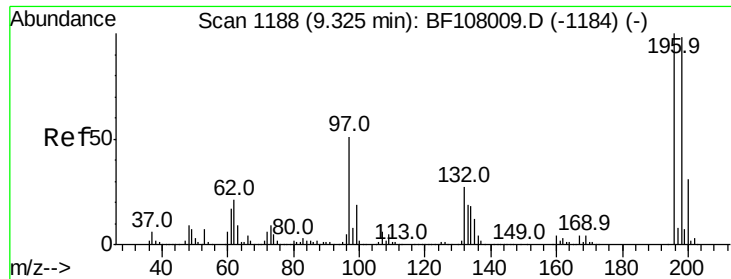
Abundance

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





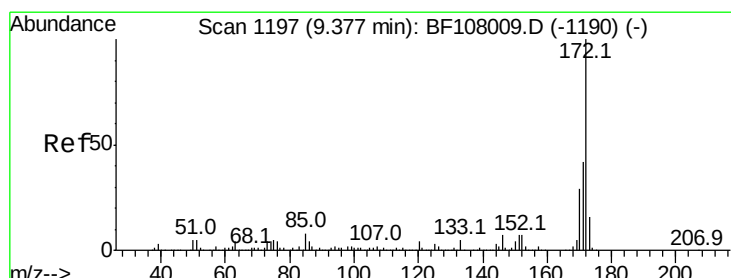
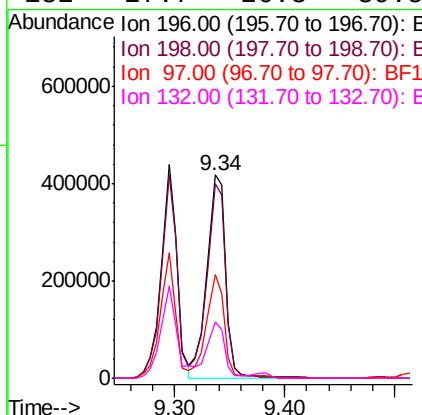
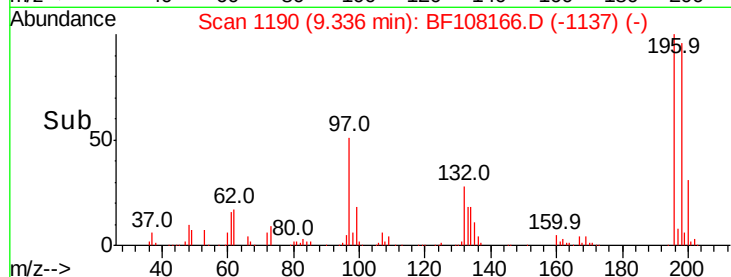
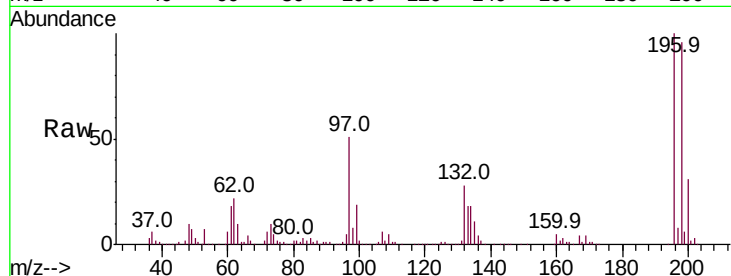
#43
 2,4,5-Trichlorophenol
 Concen: 52.418 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	476159		
198	95.9	74.6	112.0	
97	51.3	42.9	64.3	
132	27.7	26.3	39.5	

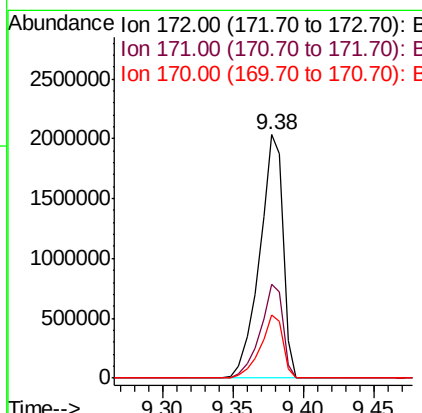
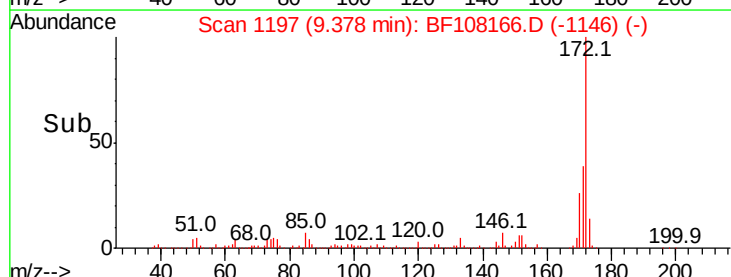
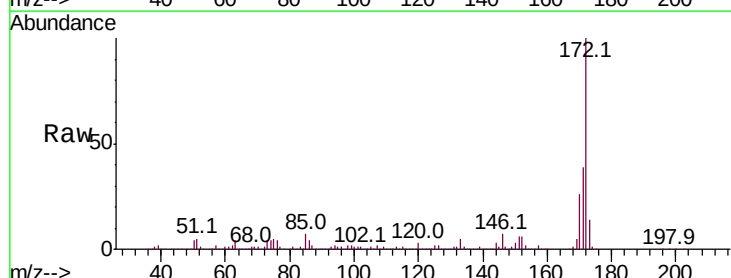
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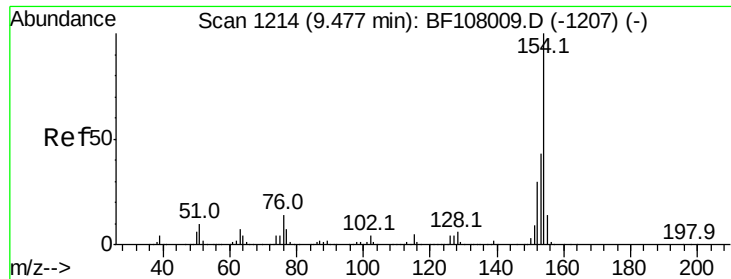
Sohil
 8/16/2018 5:26:59 PM



#44
 2-Fluorobiphenyl
 Concen: 88.055 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2375031		
171	38.5	29.7	44.5	
170	25.9	19.6	29.4	





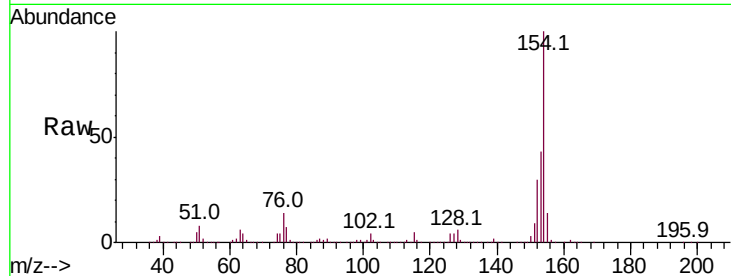
#45
 1,1'-Biphenyl
 Concen: 49.018 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.3	61.3
76	13.8	0.0	34.0

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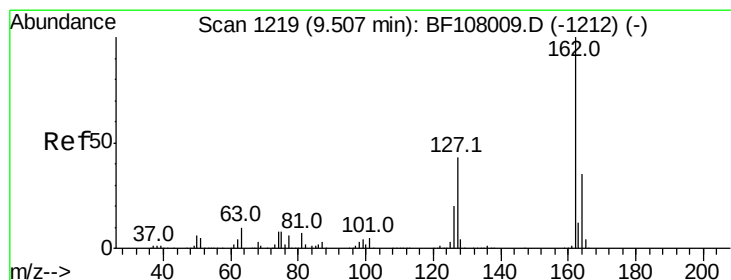
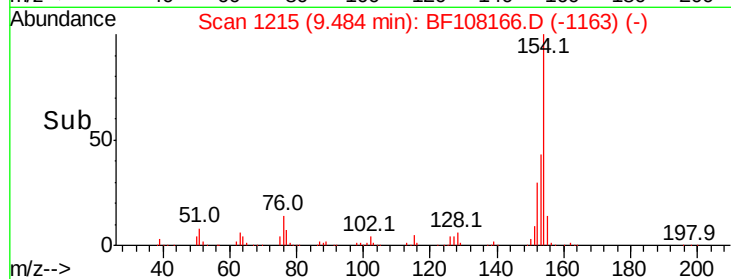
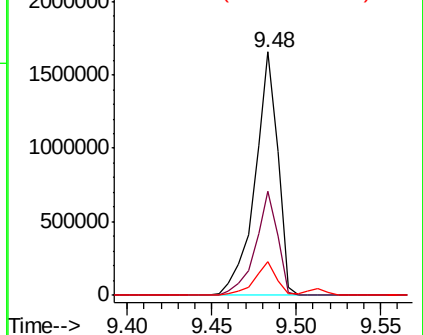


Abundance

Ion 154.00 (153.70 to 154.70): E

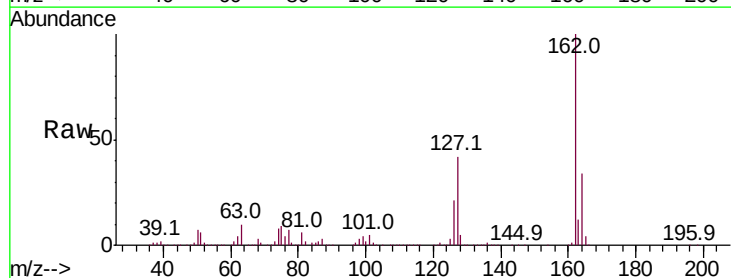
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 48.472 ng
 RT: 9.51 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.9	50.9
164	34.2	26.5	39.7

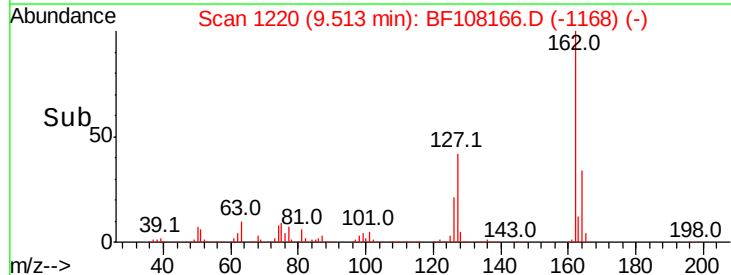
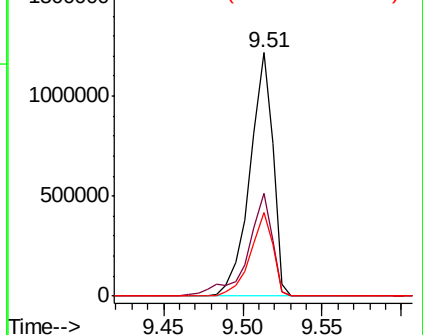


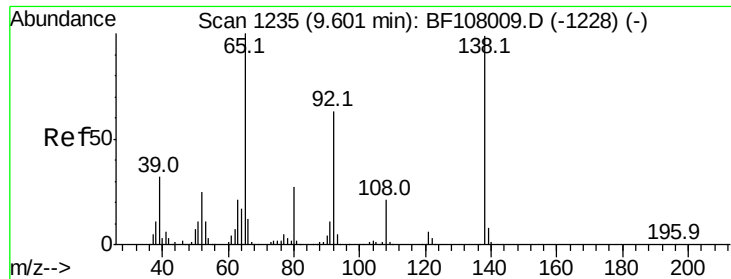
Abundance

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





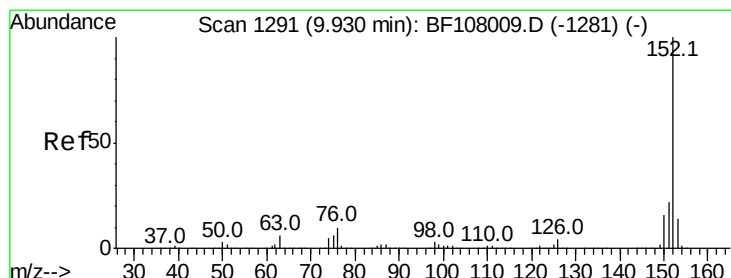
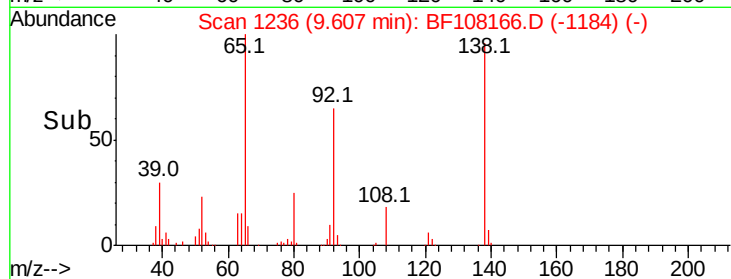
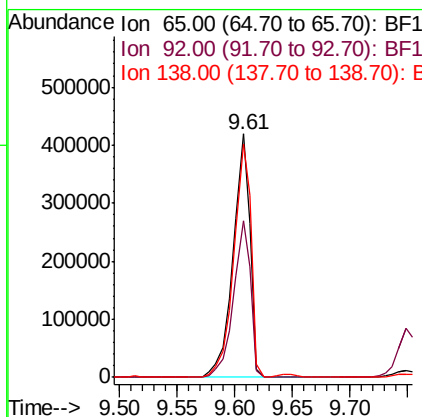
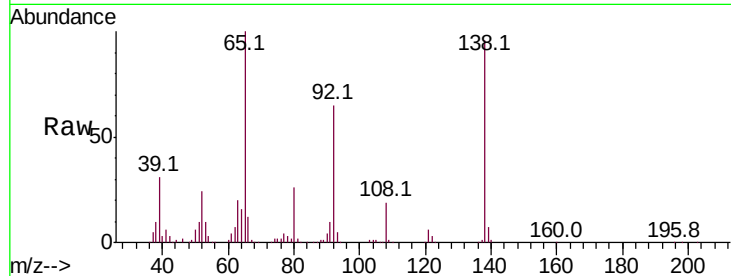
#47
2-Nitroaniline
Concen: 51.907 ng
RT: 9.61 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	55.8	83.6
138	95.7	91.2	136.8

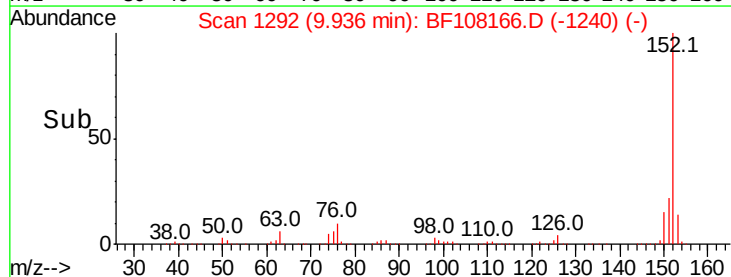
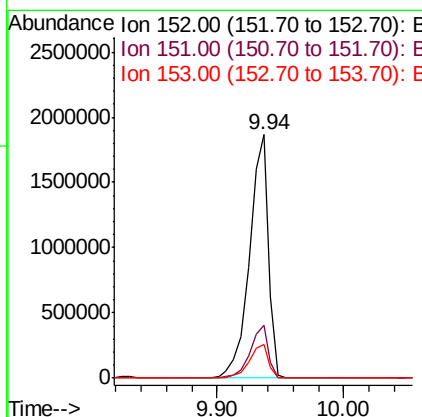
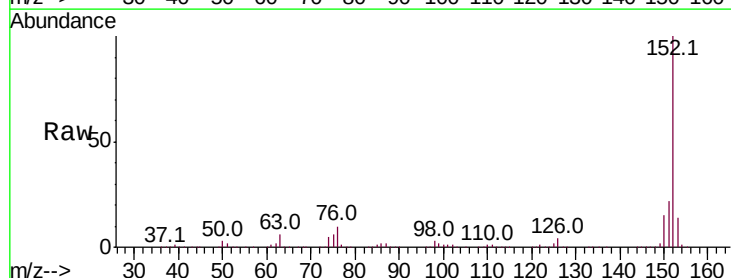
Manual Integrations
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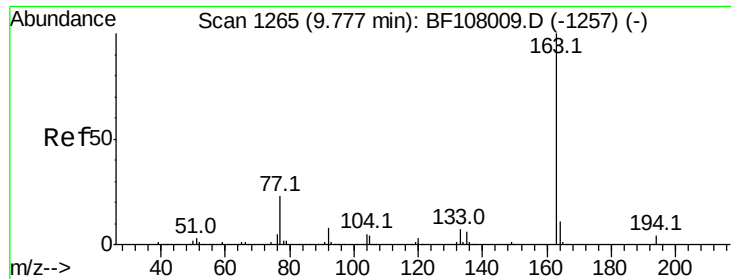
Sohil
8/16/2018 5:26:59 PM



#48
Acenaphthylene
Concen: 48.599 ng
RT: 9.94 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.0	10.7	16.1





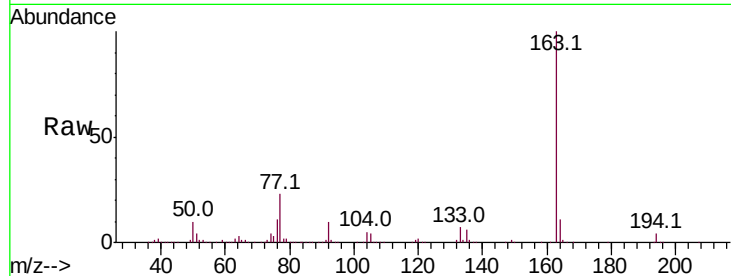
#49
Dimethylphthalate
Concen: 49.309 ng
RT: 9.78 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

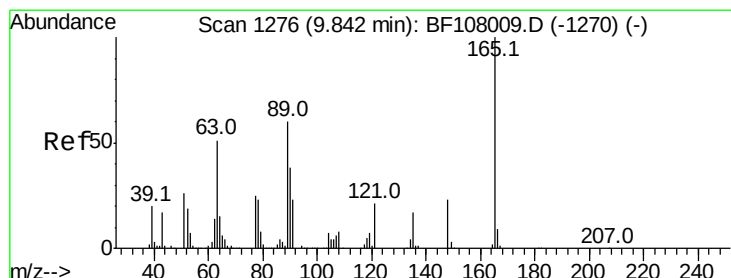
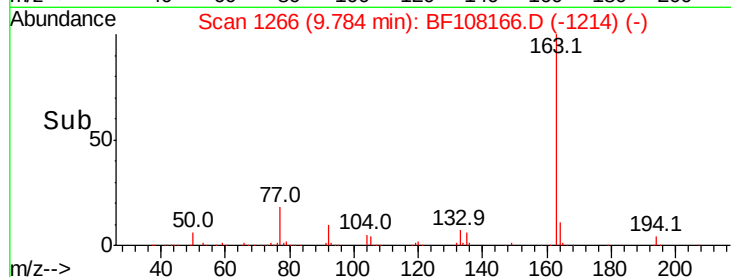
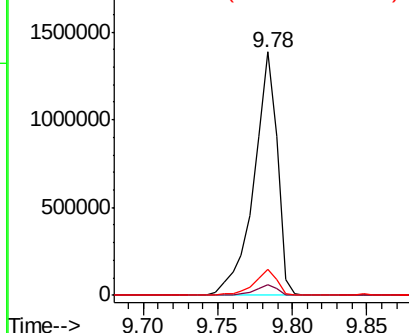
Tot Ion:163 Resp: 1487358
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 8.2 12.2

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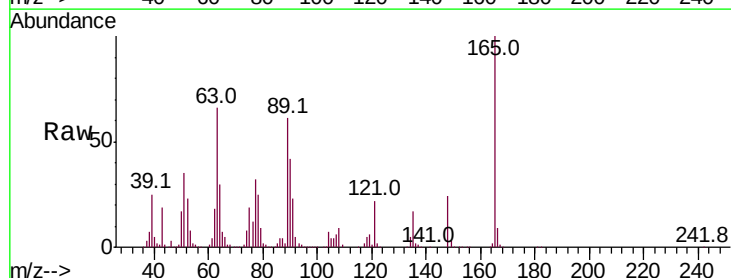


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

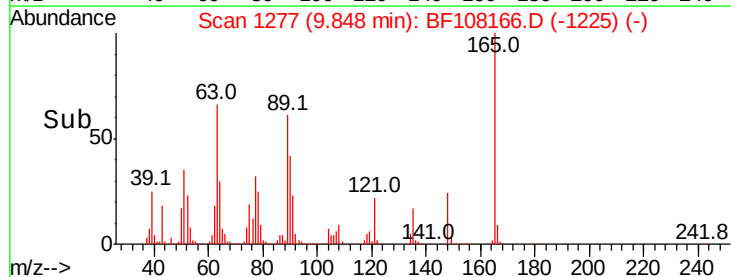
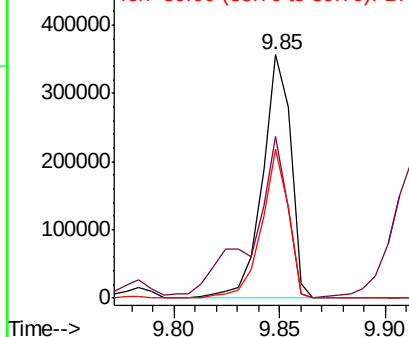


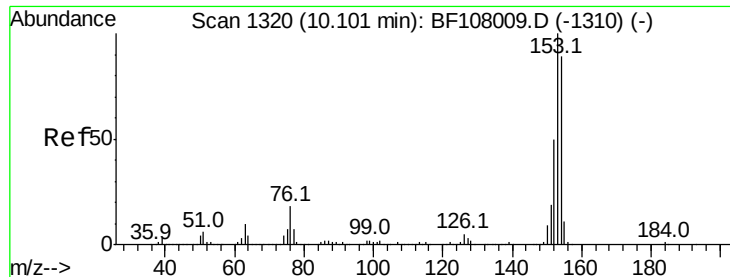
#50
2,6-Dinitrotoluene
Concen: 52.579 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion:165 Resp: 331822
Ion Ratio Lower Upper
165 100
63 66.3 44.7 67.1
89 61.4 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: 48.603 ng

RT: 10.11 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:154 Resp: 1187587

Ion Ratio Lower Upper

154 100

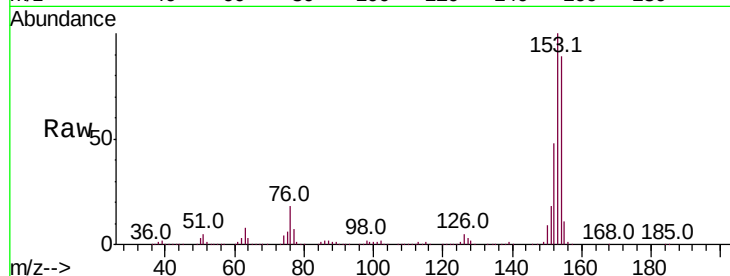
153 112.8 91.2 136.8

152 54.4 43.8 65.8

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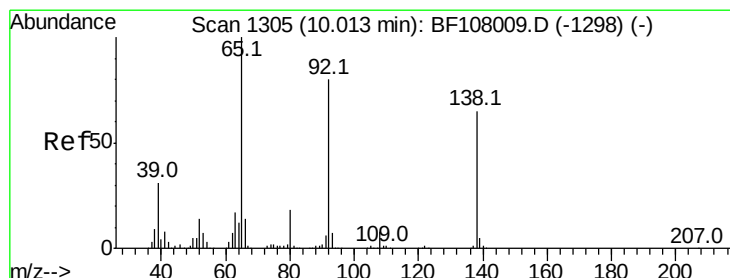
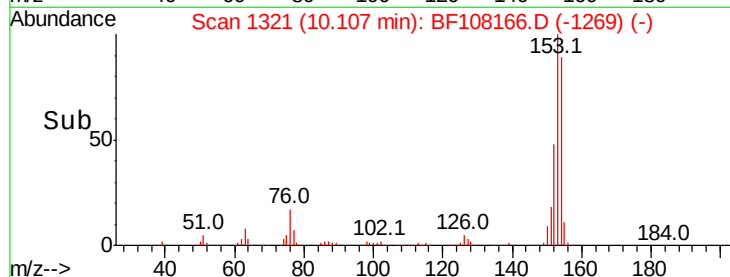
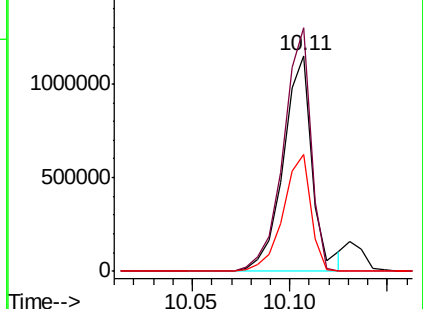
8/16/2018 5:26:59 PM



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: 17.425 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

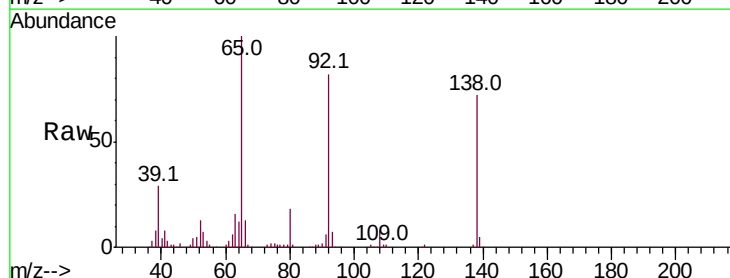
Tgt Ion:138 Resp: 120318

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

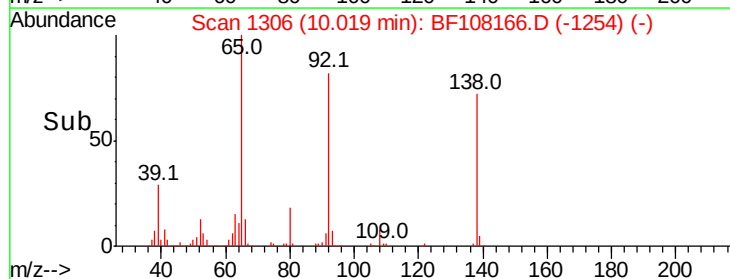
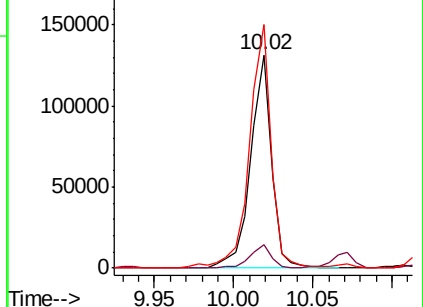
92 114.2 89.4 134.2

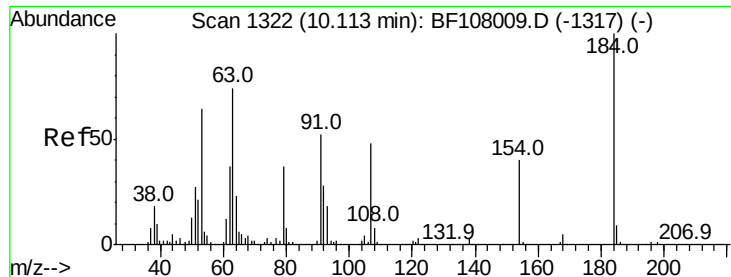


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





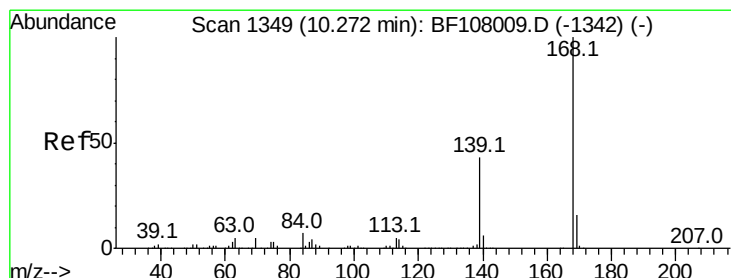
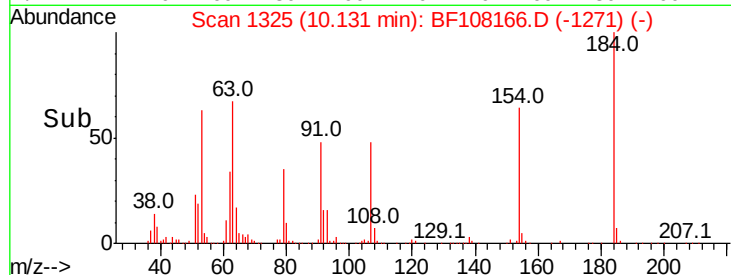
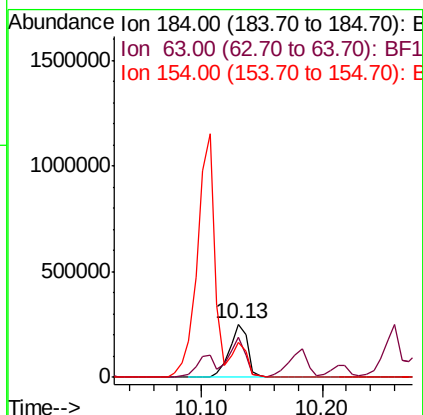
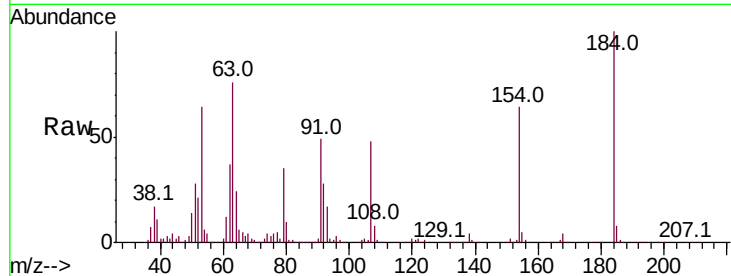
#53
2,4-Dinitrophenol
Concen: 109.223 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.7	54.2	81.2
154	64.4	184.0	276.0#

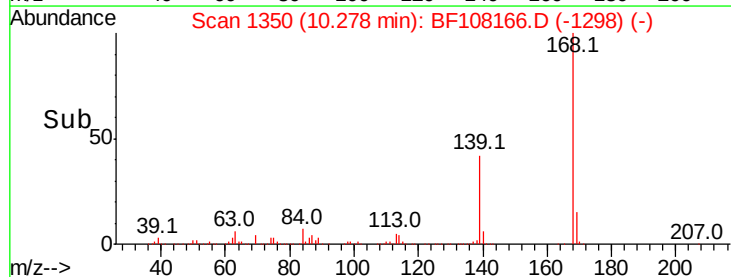
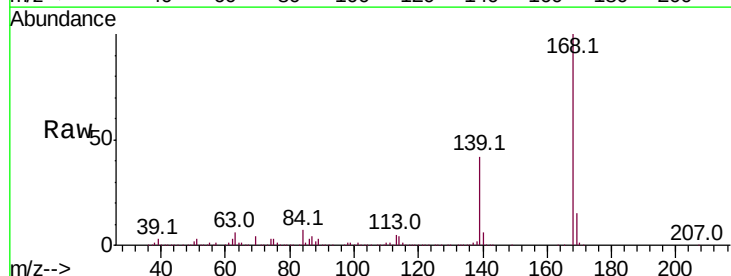
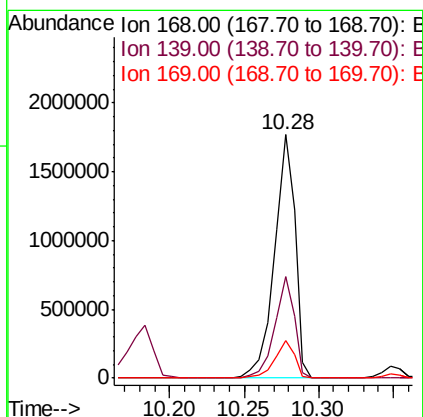
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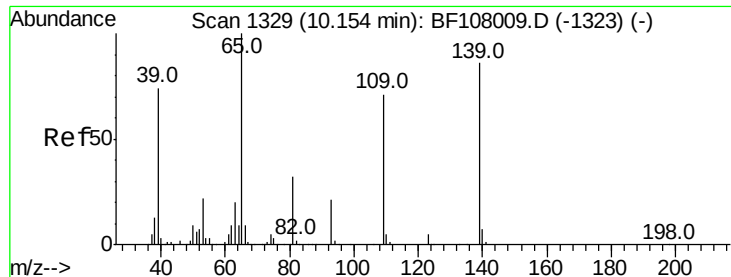
Sohil
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#54
Dibenzofuran
Concen: 47.912 ng
RT: 10.28 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	30.1	45.1
169	15.2	10.9	16.3





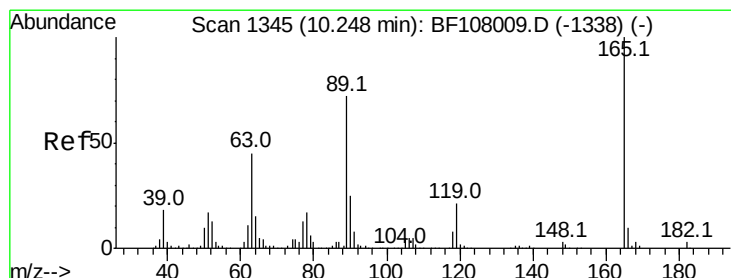
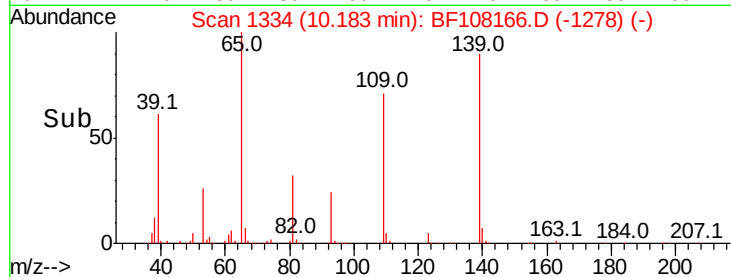
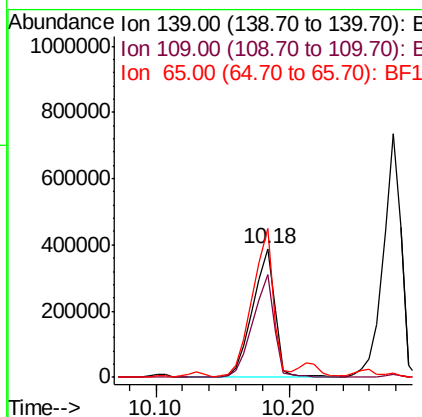
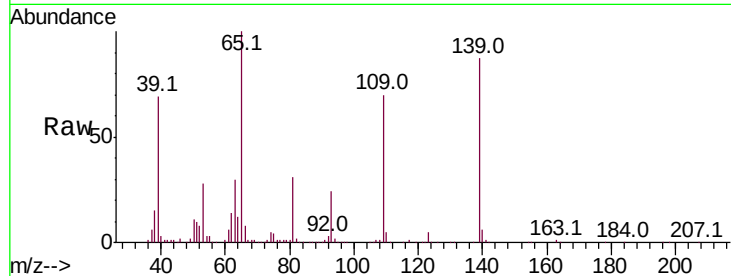
#55
4-Nitrophenol
Concen: 84.541 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	80.2	48.4	88.4
65	115.3	72.6	112.6

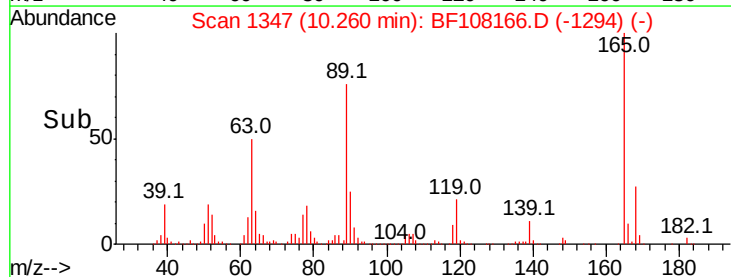
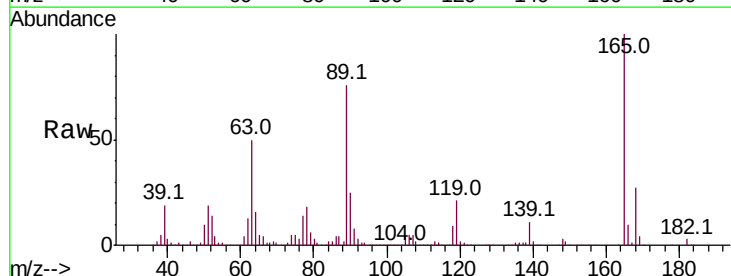
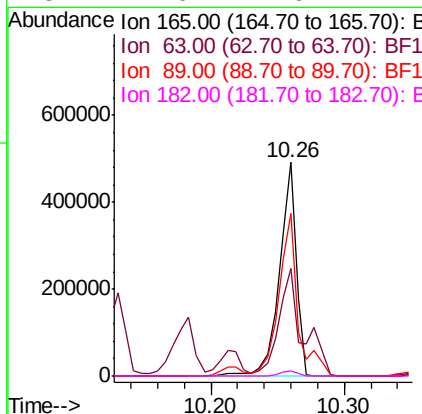
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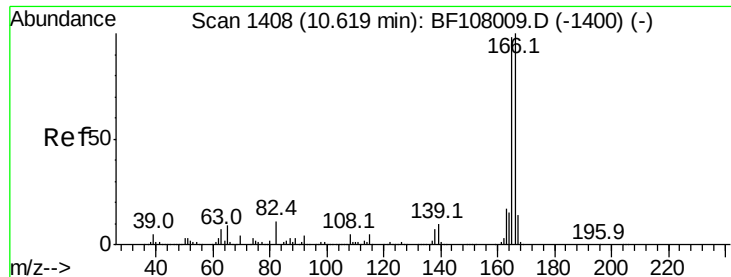
Sohil
8/16/2018 5:26:59 PM



#56
2,4-Dinitrotoluene
Concen: 54.128 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.5	36.4	54.6
89	75.9	57.8	86.6
182	2.6	1.6	2.4





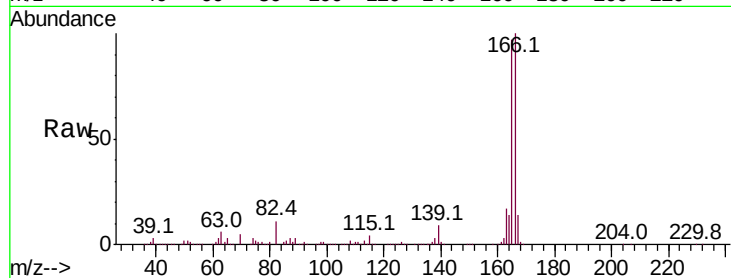
#57
 Fluorene
 Concen: 48.204 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	14.0	10.6	16.0

Manual Integrations
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Sohil
 8/16/2018 5:26:59 PM

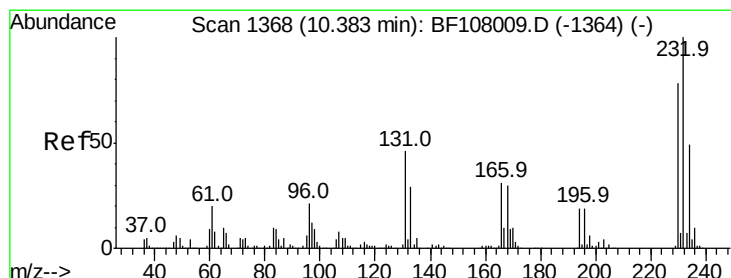
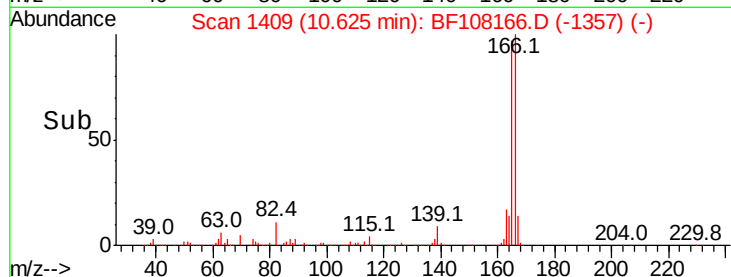
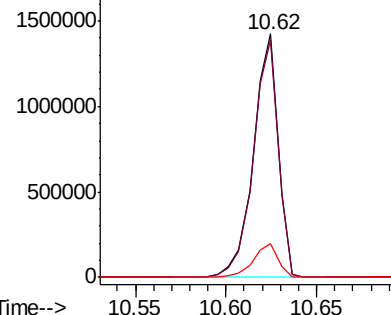


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.172 ng
 RT: 10.40 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.6	43.8	65.8#
130	2.2	2.1	3.1
166	29.3	27.8	41.6

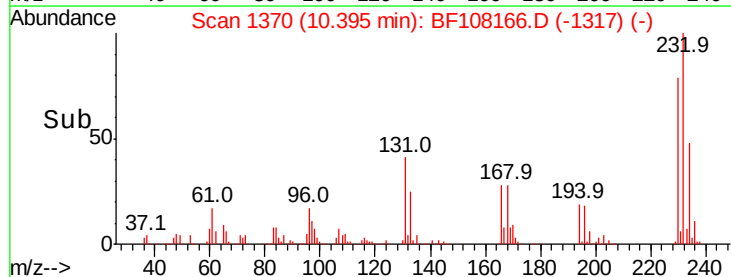
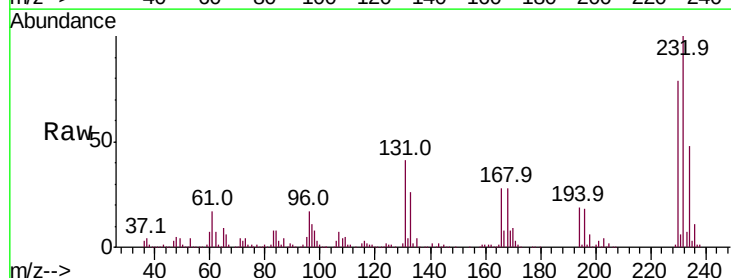
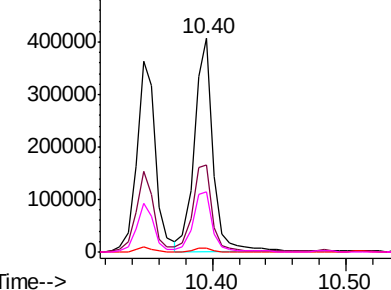
Abundance

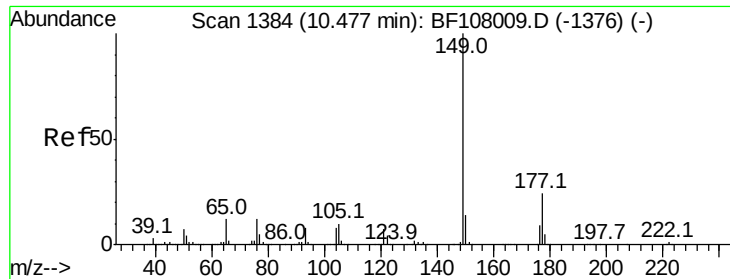
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





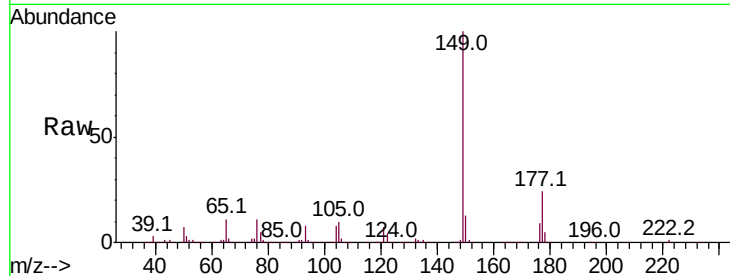
#59
Diethylphthalate
Concen: 48.603 ng
RT: 10.48 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	16.1	24.1
150	13.2	10.1	15.1

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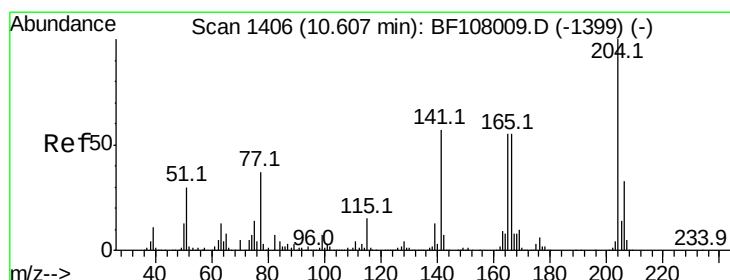
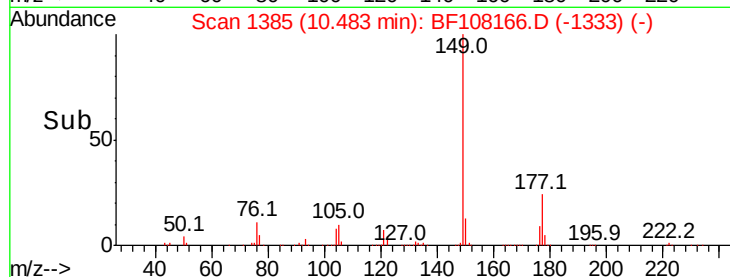
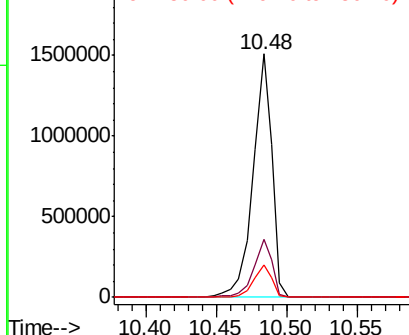


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 47.426 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

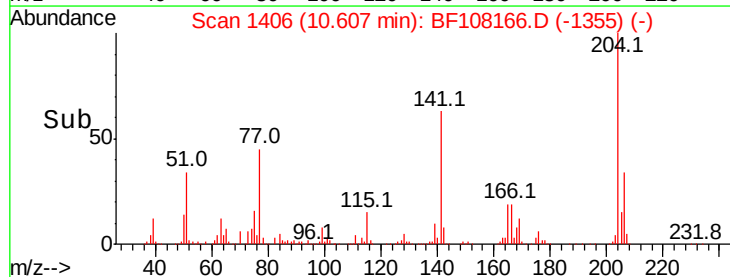
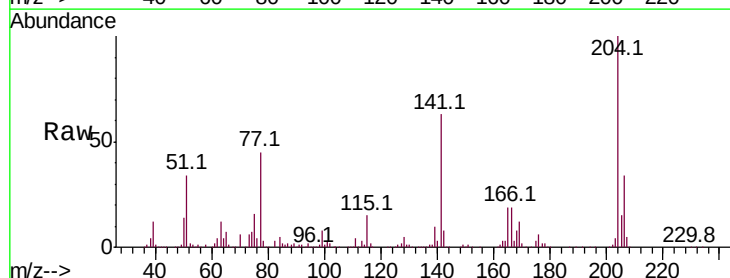
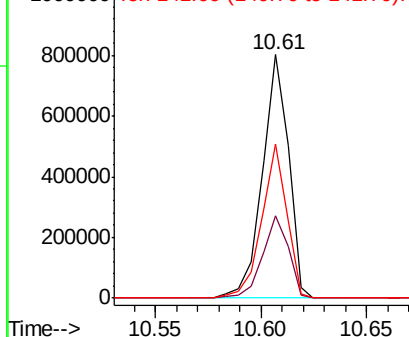
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	63.0	54.6	81.8

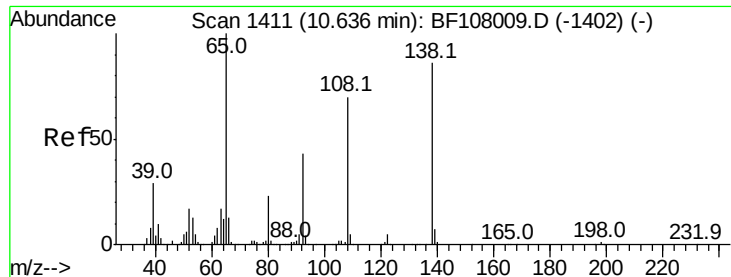
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.392 ng

RT: 10.65 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

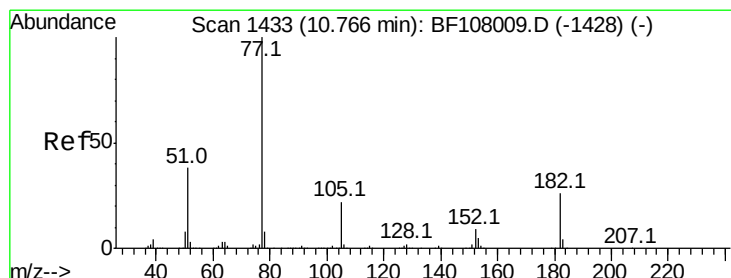
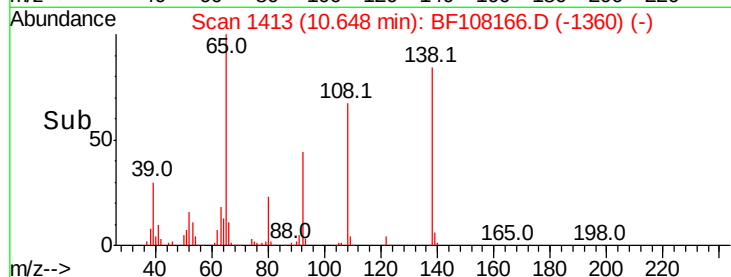
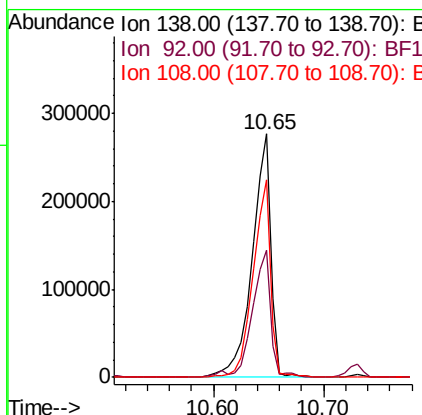
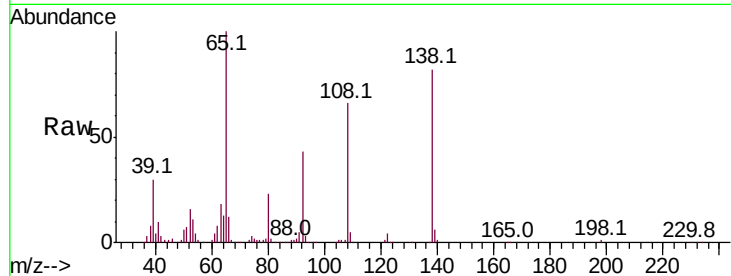
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	138	Resp:	330360
Ion Ratio	Lower	Upper	
138	100		
92	52.3	30.2	70.2
108	81.2	52.5	92.5

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#62

Azobenzene

Concen: 47.685 ng

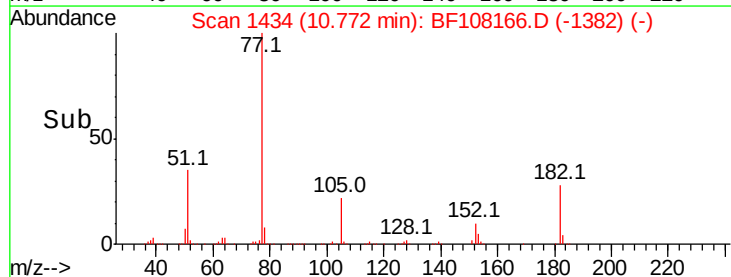
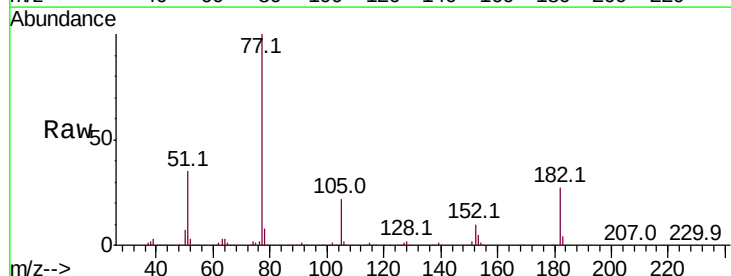
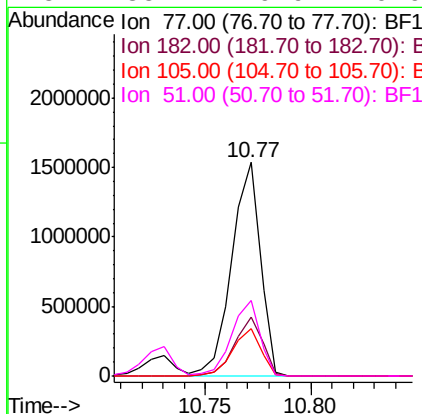
RT: 10.77 min Scan# 1434

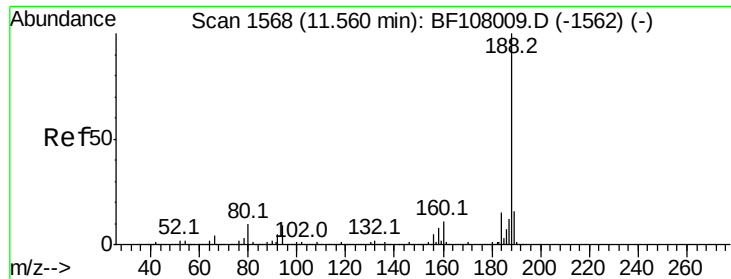
Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	77	Resp:	1438396
Ion Ratio	Lower	Upper	
77	100		
182	27.5	1.7	41.7
105	22.4	3.0	43.0
51	35.2	9.9	49.9





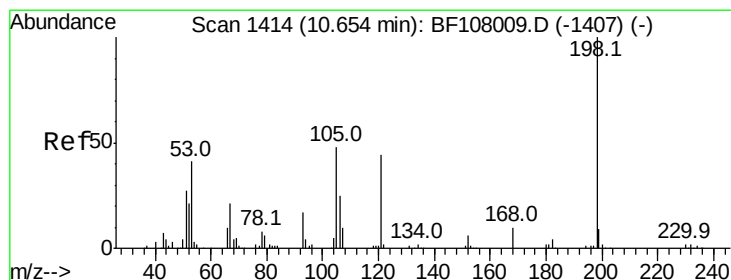
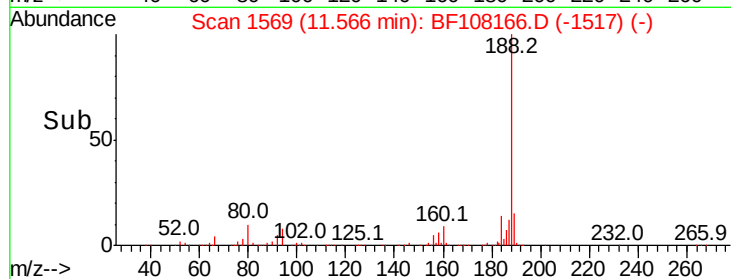
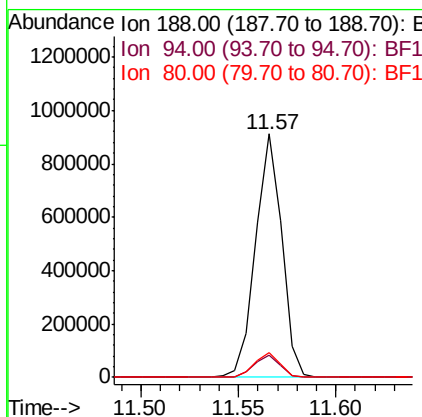
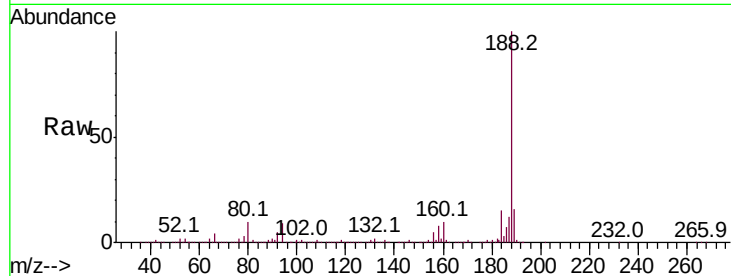
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	850996		
94	9.0		8.5	12.7
80	9.9		9.2	13.8

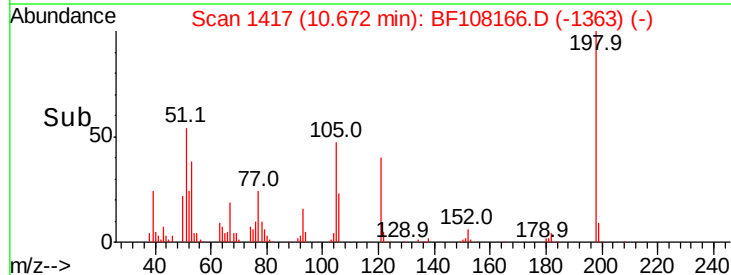
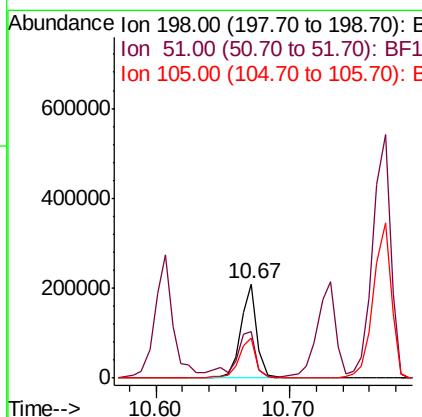
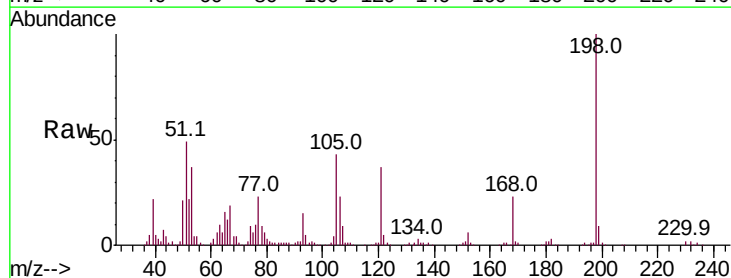
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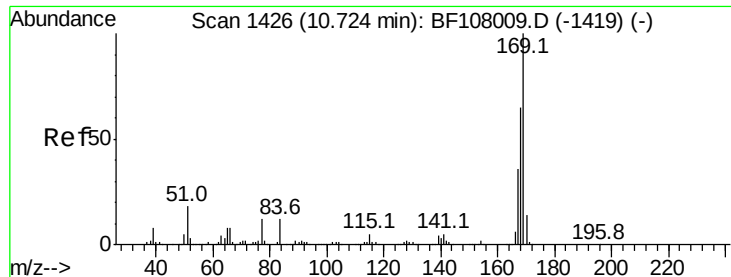
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#64
4,6-Dinitro-2-methylphenol
Concen: 53.757 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.02 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	174063		
51	49.0		37.7	77.7
105	42.7		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 49.492 ng

RT: 10.73 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:169 Resp: 1244621

Ion Ratio Lower Upper

169 100

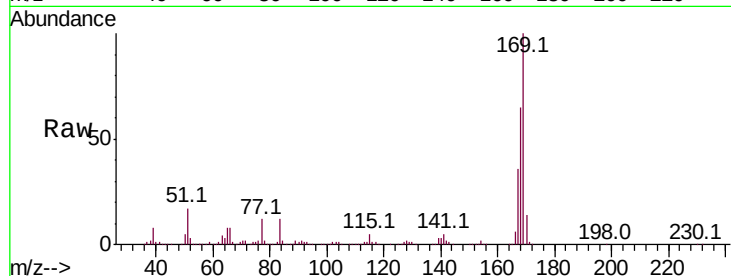
168 65.0 54.4 81.6

167 36.4 29.8 44.6

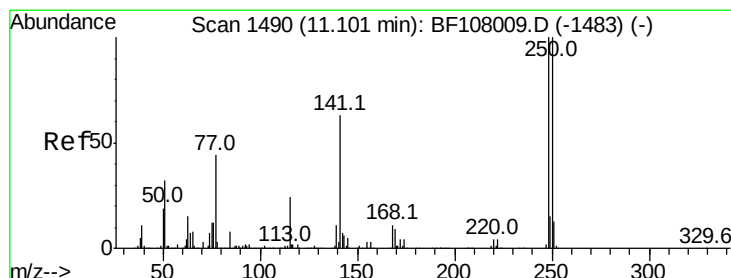
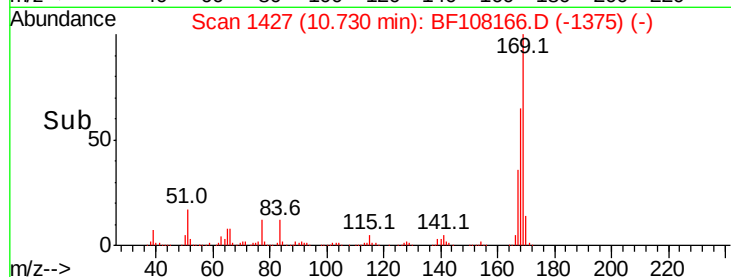
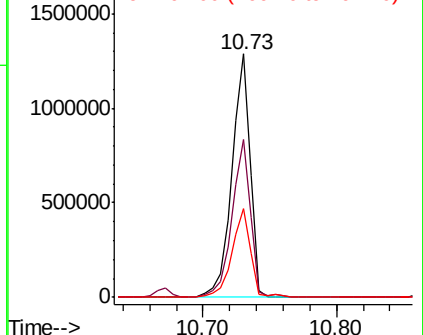
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.786 ng

RT: 11.10 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

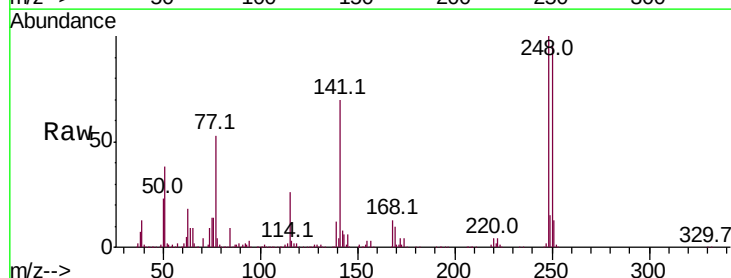
Tgt Ion:248 Resp: 469671

Ion Ratio Lower Upper

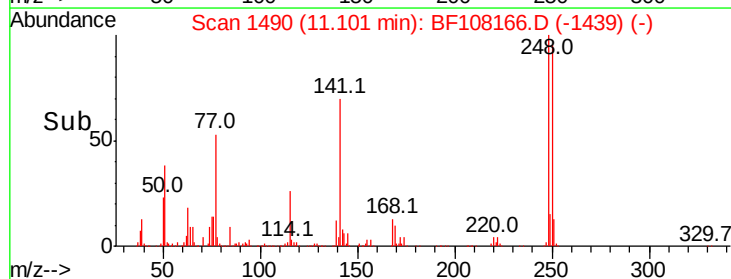
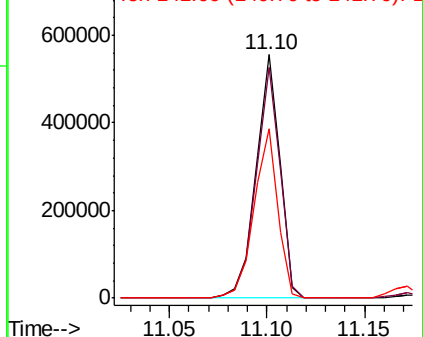
248 100

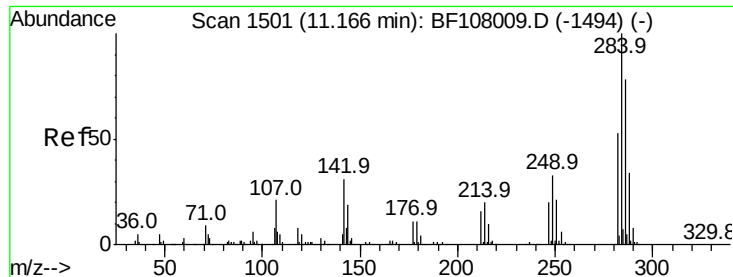
250 94.8 76.9 115.3

141 69.8 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.319 ng

RT: 11.17 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

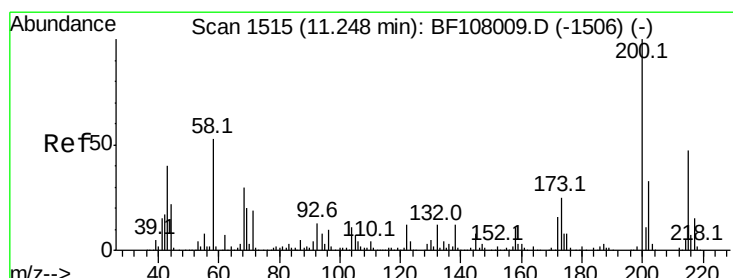
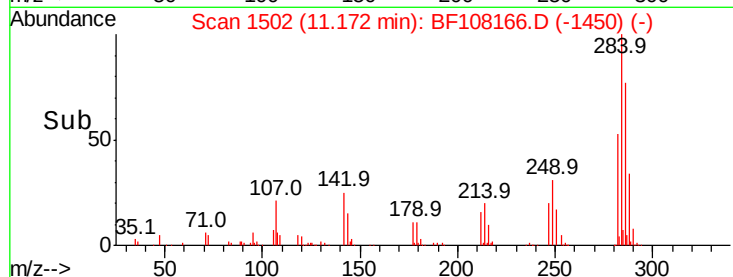
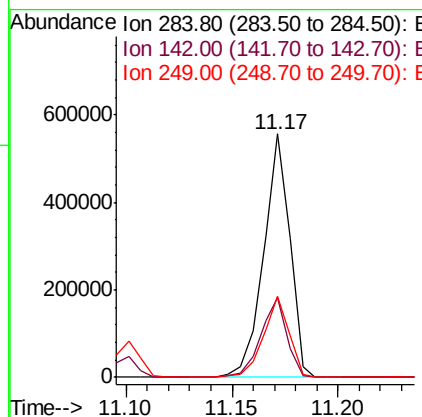
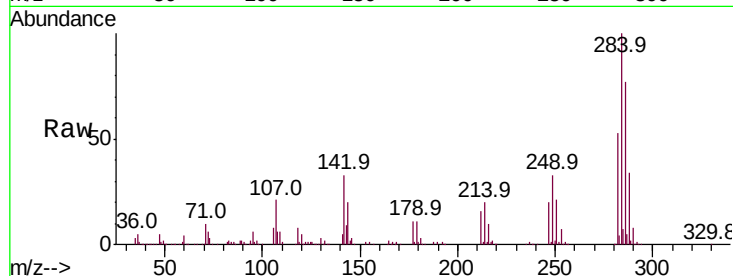
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	284	Resp:	479900
Ion Ratio	Lower	Upper	
284	100		
142	32.6	34.6	52.0#
249	33.0	24.8	37.2

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#68

Atrazine

Concen: 51.920 ng

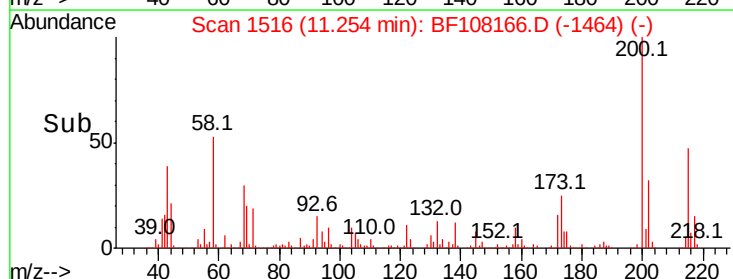
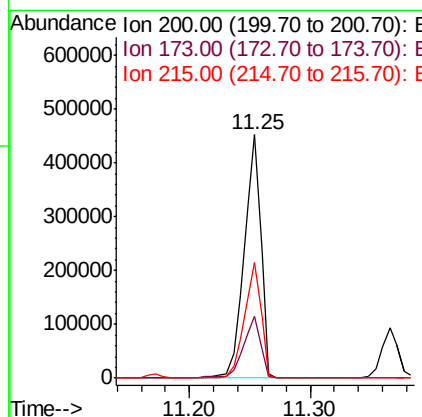
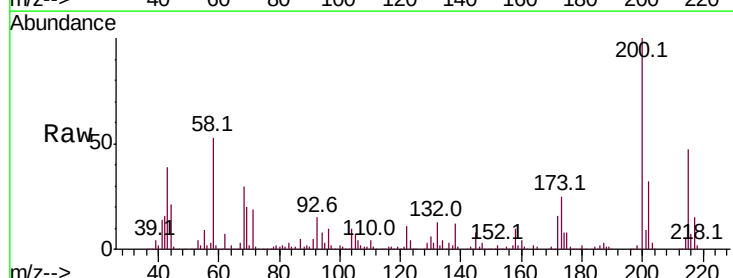
RT: 11.25 min Scan# 1516

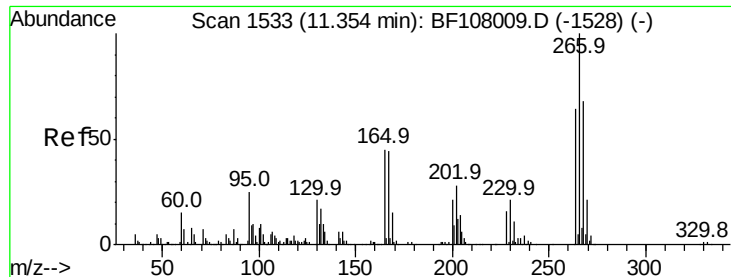
Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	200	Resp:	437933
Ion Ratio	Lower	Upper	
200	100		
173	25.4	8.6	48.6
215	47.3	25.1	65.1





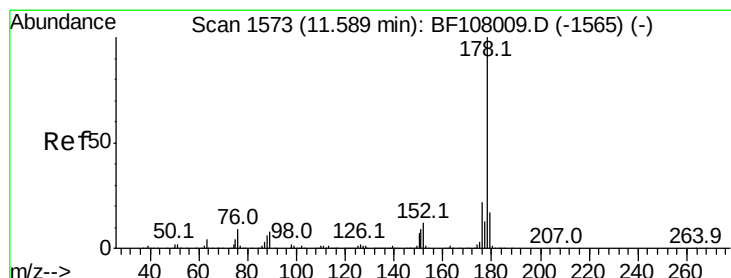
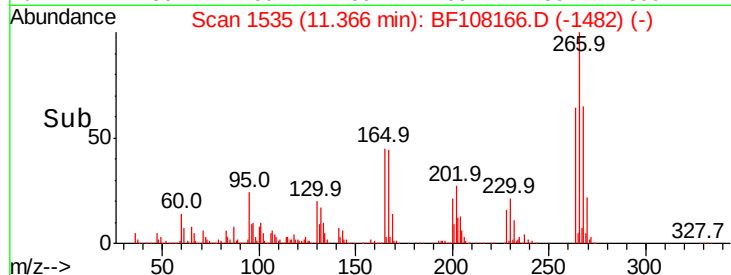
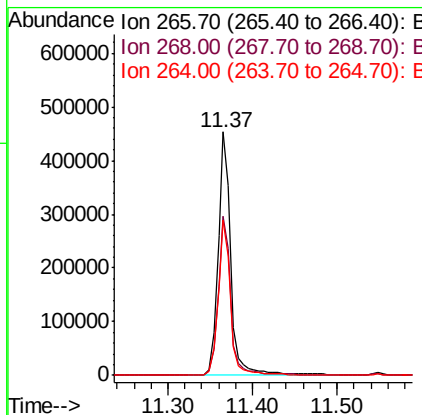
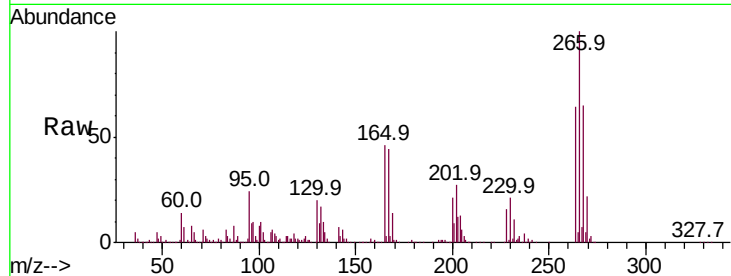
#69
 Pentachlorophenol
 Concen: 104.849 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.4	51.1	76.7	
264	63.8	49.5	74.3	

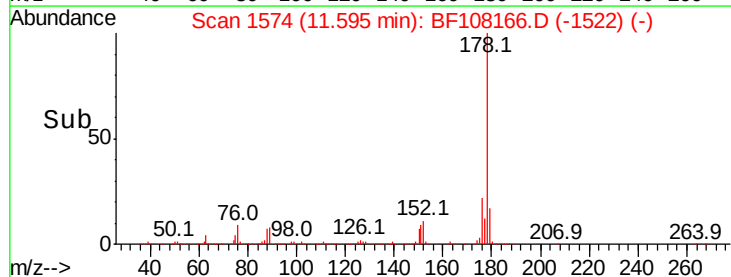
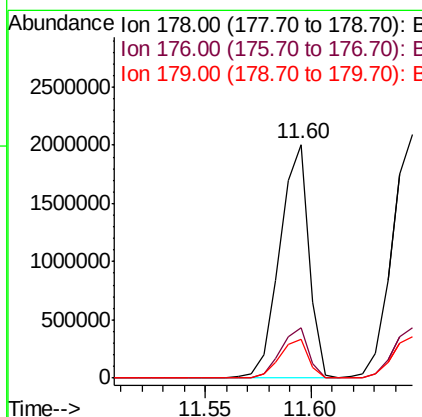
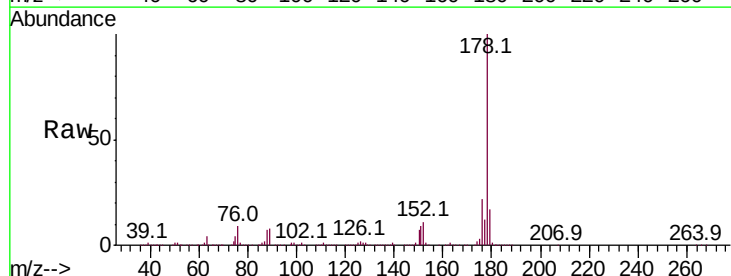
Manual Integrations
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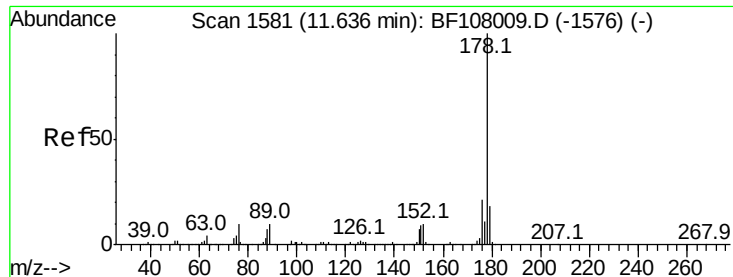
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#70
 Phenanthrene
 Concen: 48.115 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	21.6	15.8	23.8	
179	16.8	13.0	19.6	





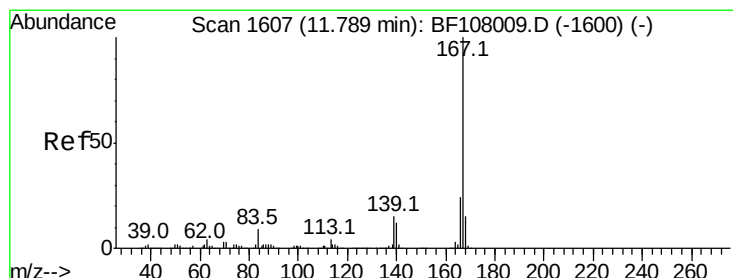
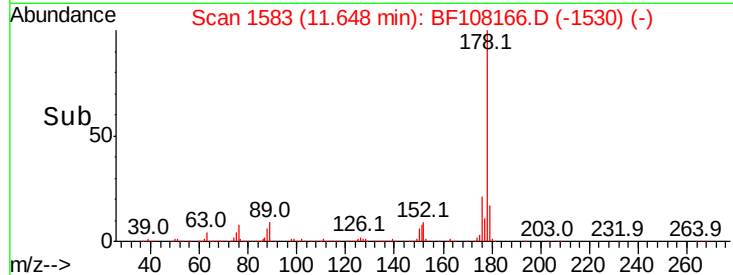
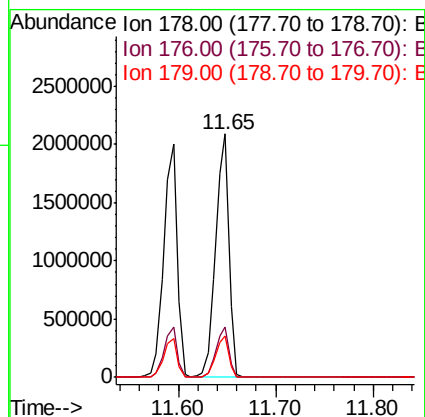
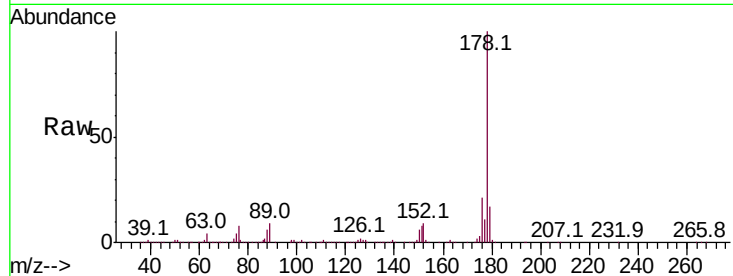
#71
 Anthracene
 Concen: 48.028 ng
 RT: 11.65 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.2
179	17.0	12.6	19.0

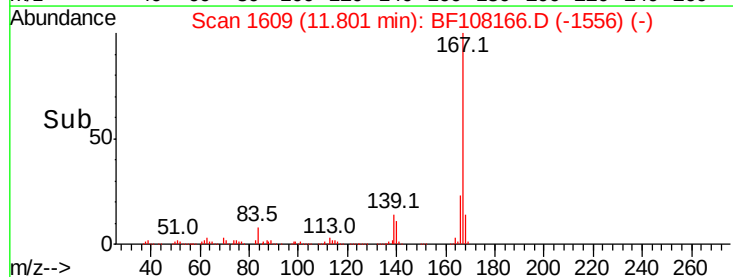
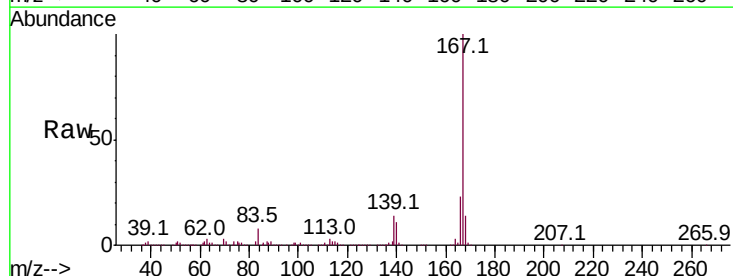
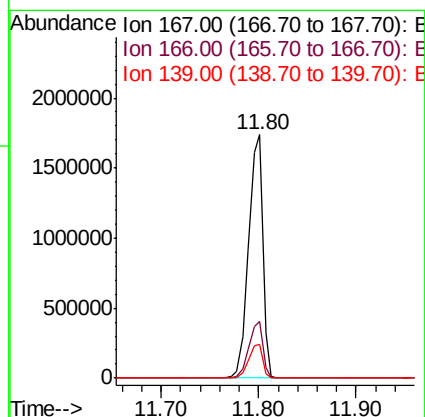
Manual Integrations
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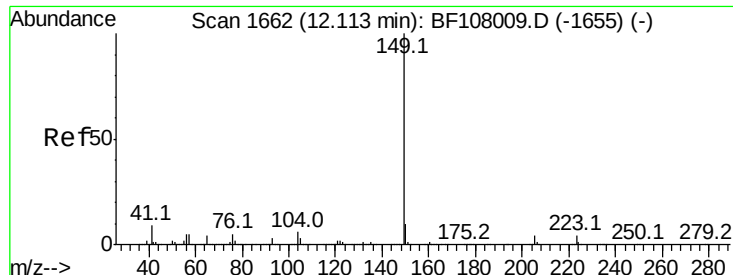
Sohil
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#72
 Carbazole
 Concen: 48.298 ng
 RT: 11.80 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 50.133 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

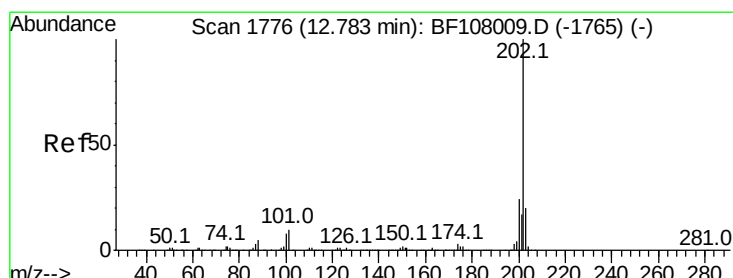
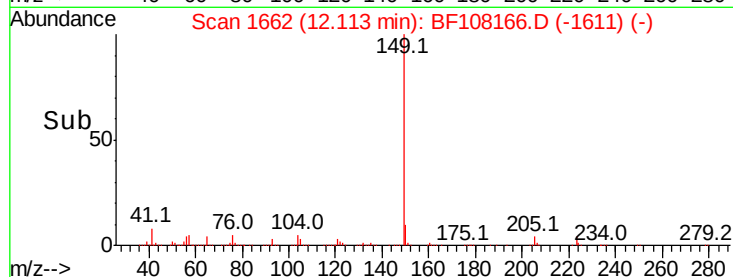
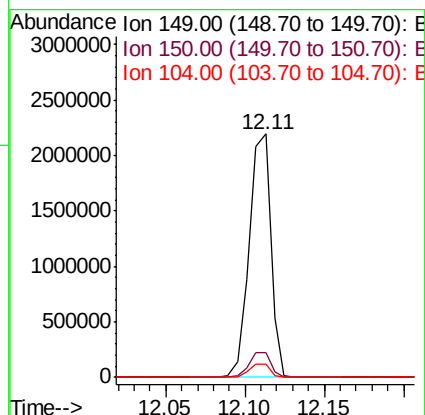
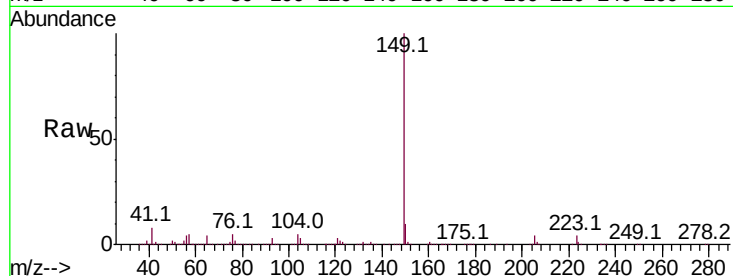
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion:	149	Resp:	2075546
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	5.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 47.643 ng

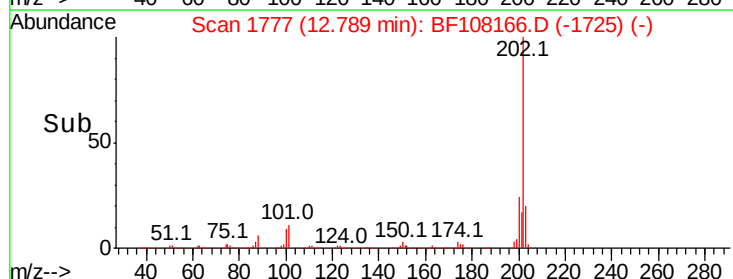
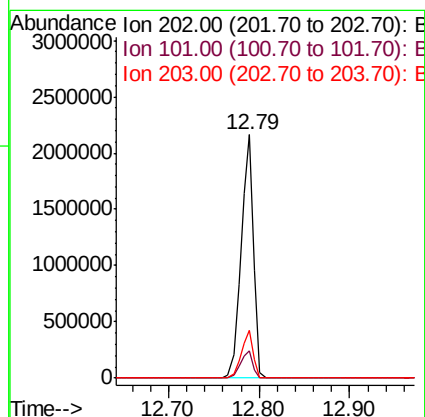
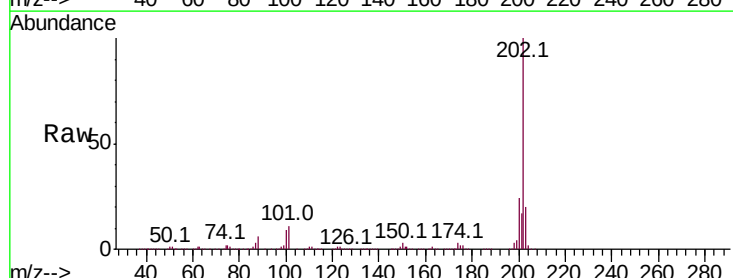
RT: 12.79 min Scan# 1777

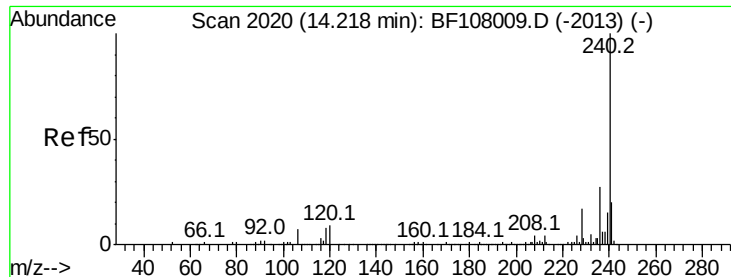
Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion:	202	Resp:	2087054
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	19.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

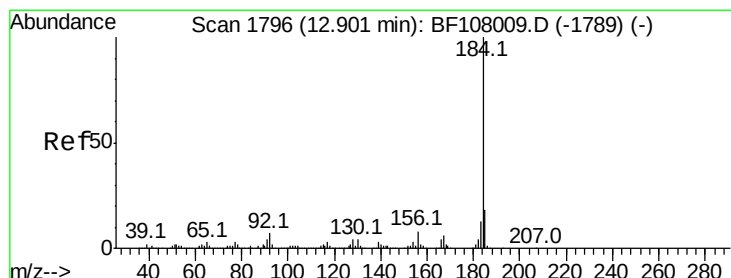
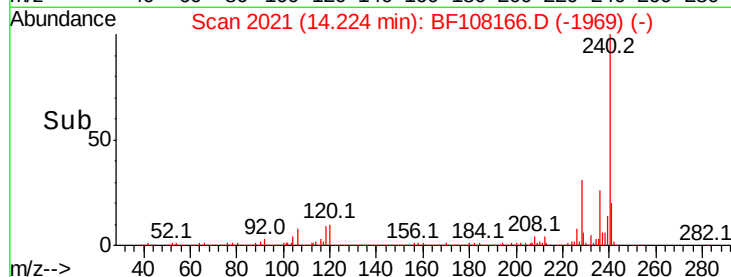
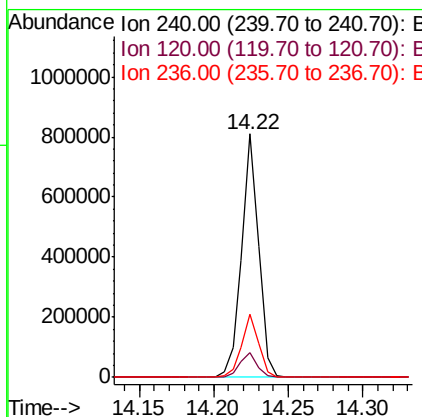
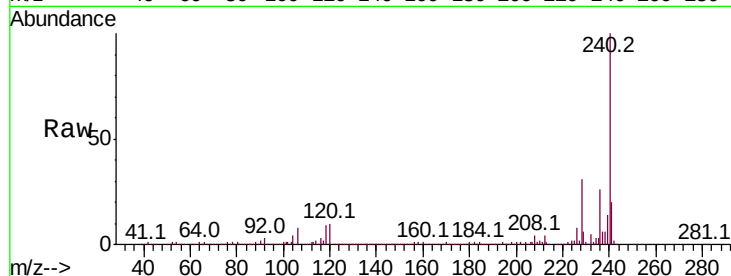
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	644985		
120	10.0		9.5	14.3
236	26.0		20.7	31.1

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#76

Benzidine

Concen: 9.768 ng

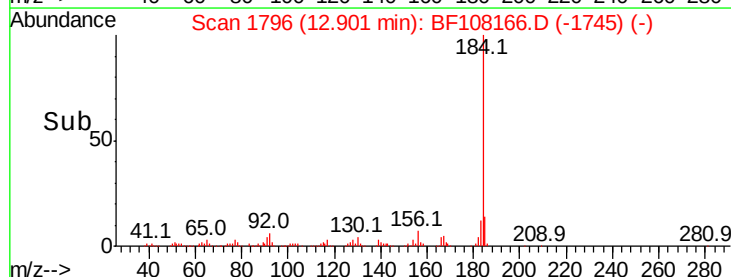
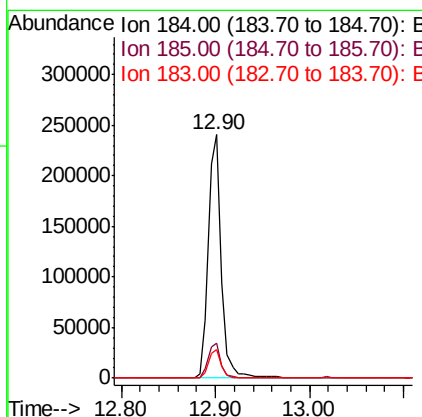
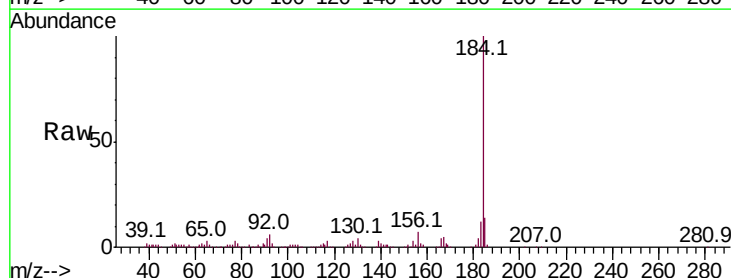
RT: 12.90 min Scan# 1796

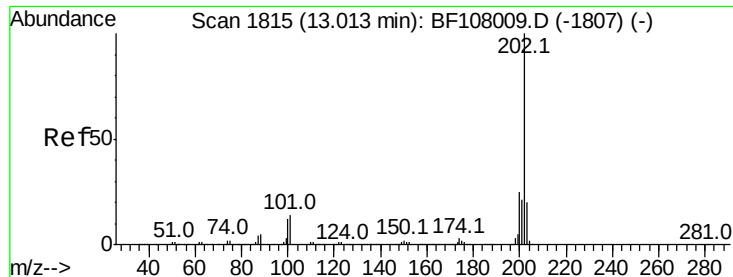
Delta R.T. 0.00 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	235389		
185	14.4		12.6	18.8
183	11.8		9.3	13.9





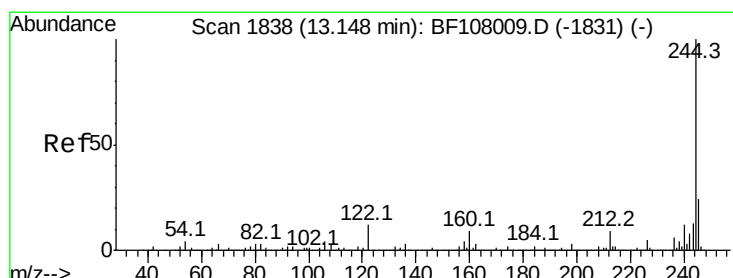
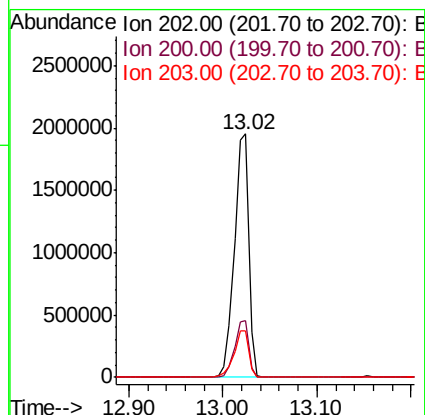
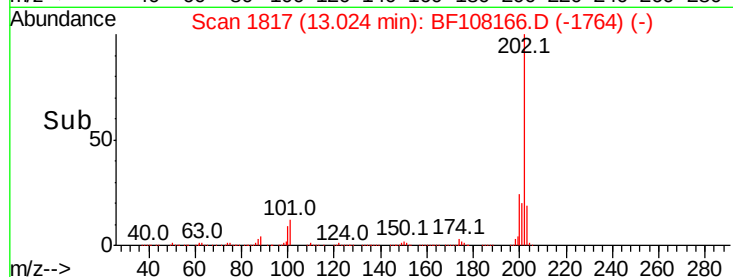
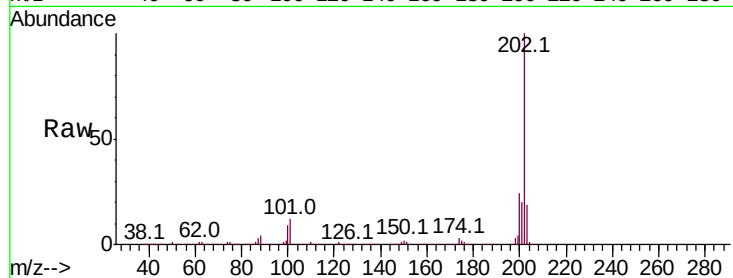
#77
Pvrene
Concen: 50.831 ng
RT: 13.02 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.4	26.2
203	19.3	14.3	21.5

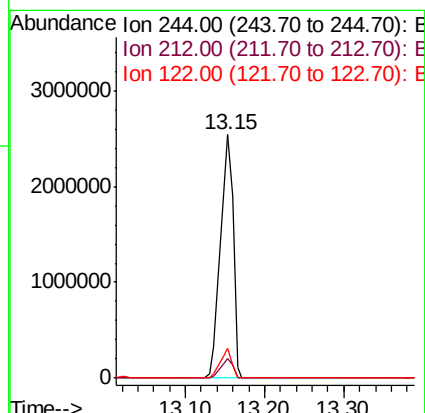
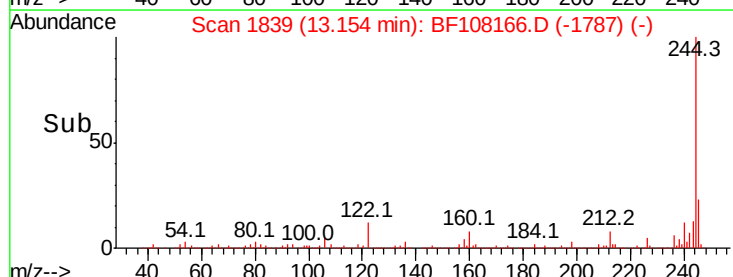
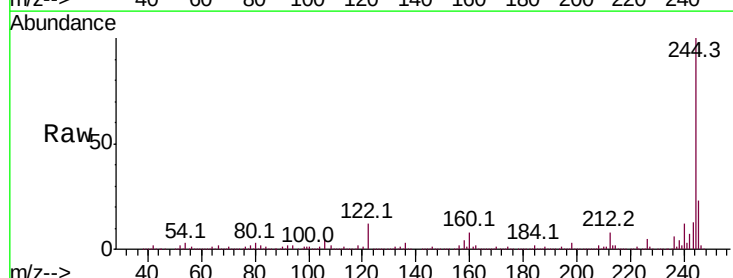
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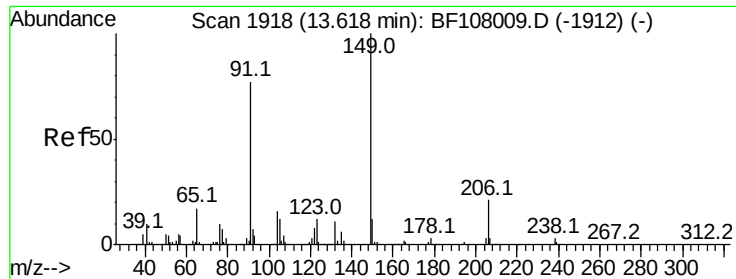
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#78
Terphenyl-d14
Concen: 111.916 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	12.2	11.0	16.4





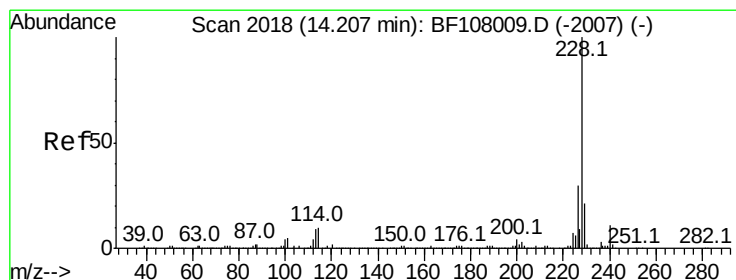
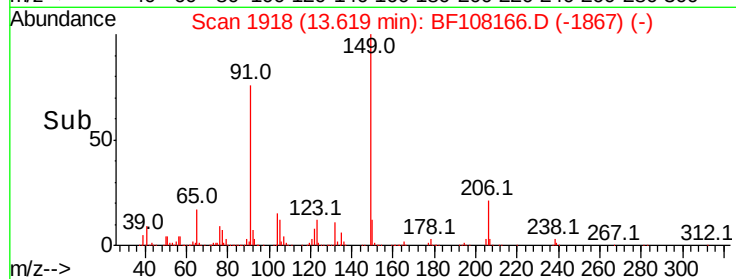
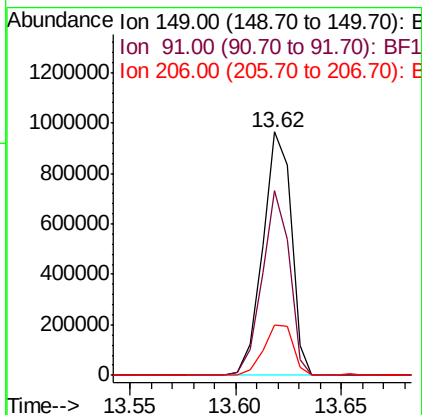
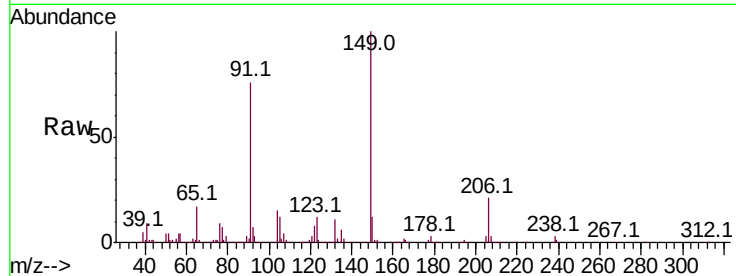
#79
Butylbenzylphthalate
Concen: 55.990 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	56.8	85.2
206	20.9	14.1	21.1

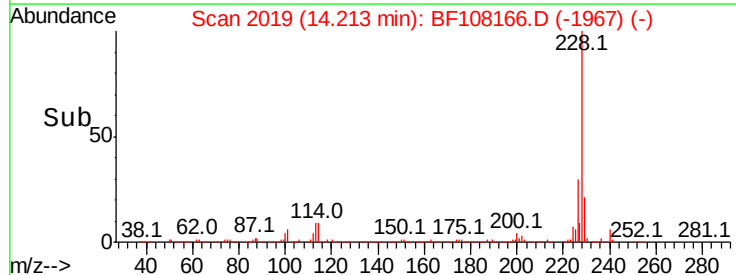
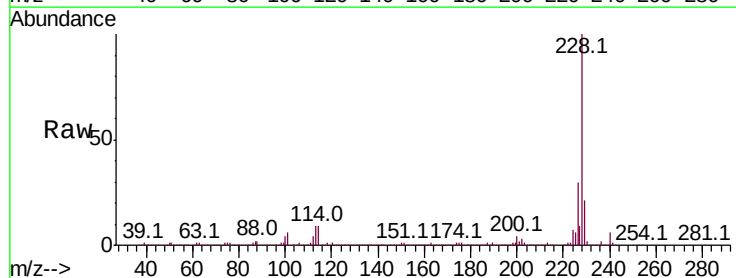
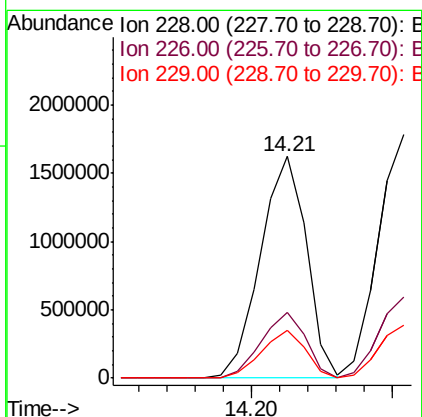
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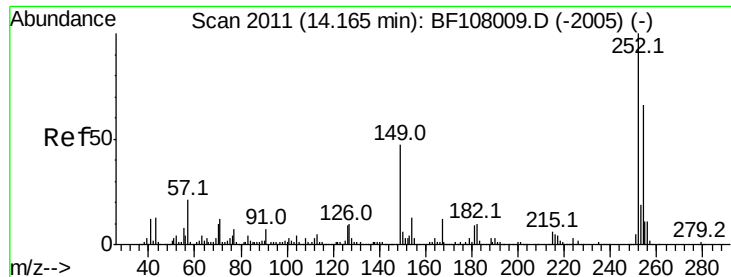
Sohil
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#80
Benzo(a)anthracene
Concen: 49.626 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.3	15.8	23.6





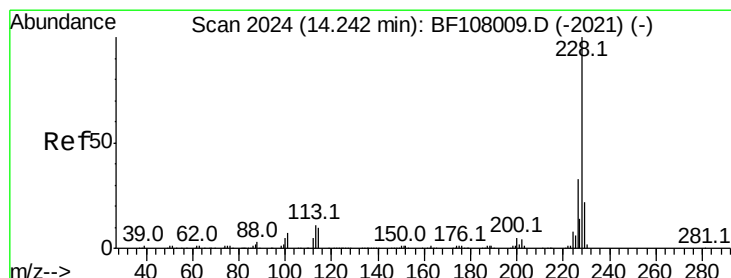
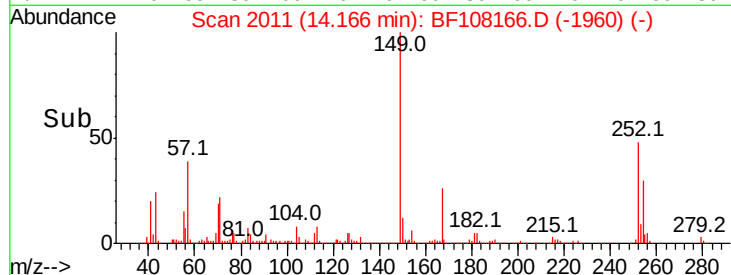
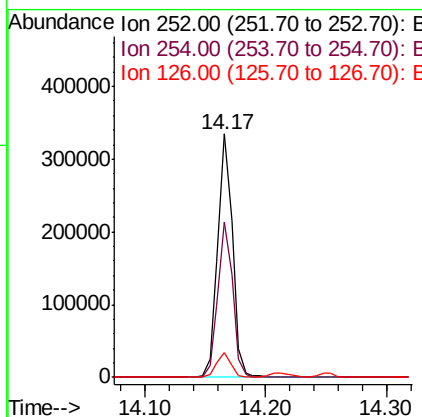
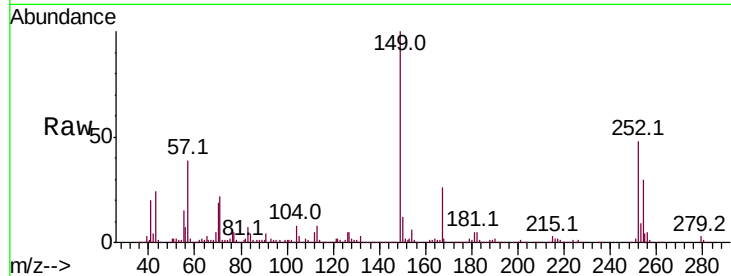
#81
 3,3'-Dichlorobenzidine
 Concen: 21.042 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	279134		
254	64.0		50.4	75.6
126	10.1		11.3	16.9

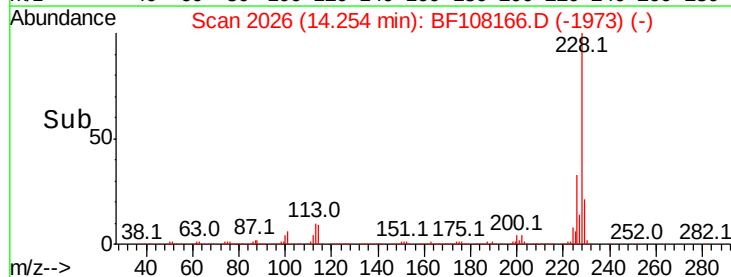
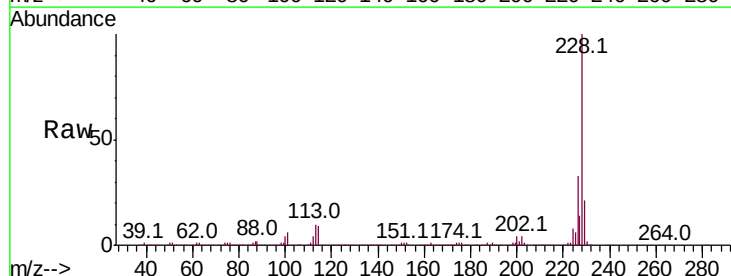
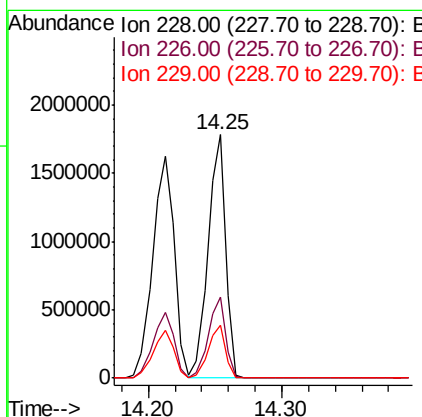
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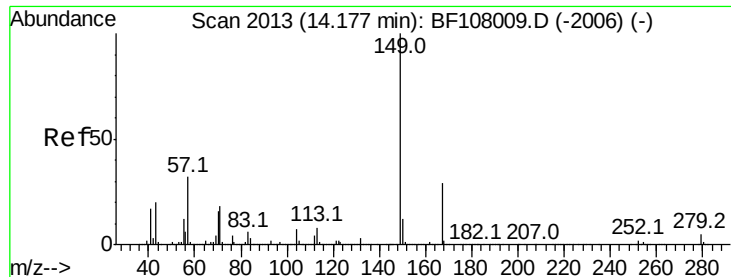
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#82
 Chrysene
 Concen: 48.282 ng
 RT: 14.25 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1638469		
226	33.4		25.0	37.6
229	21.5		16.2	24.4





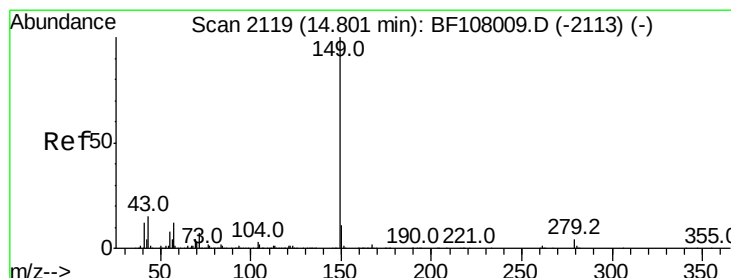
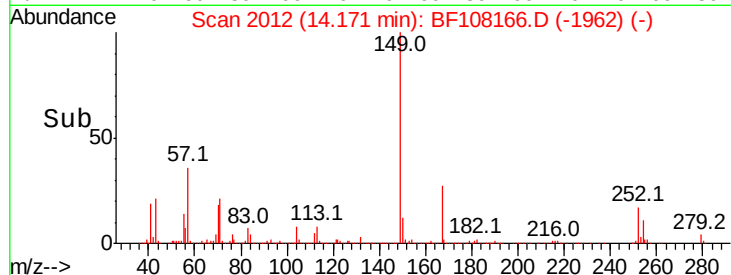
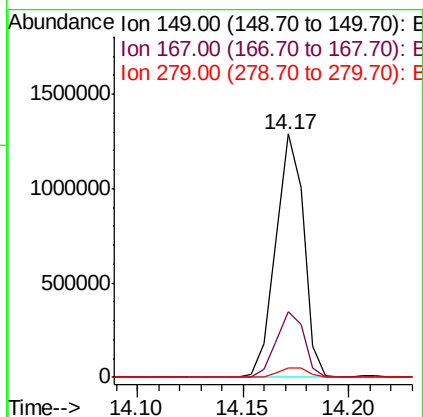
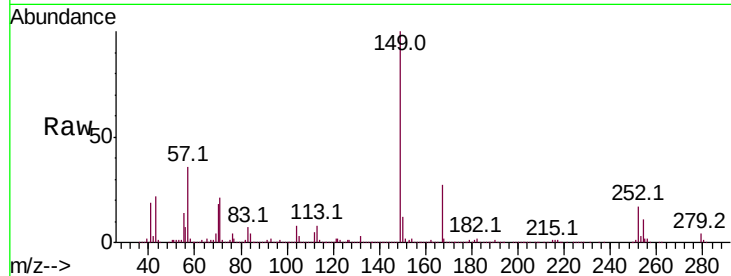
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.105 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.9	3.0	4.4

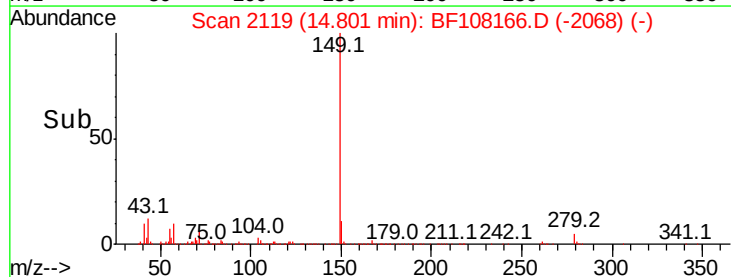
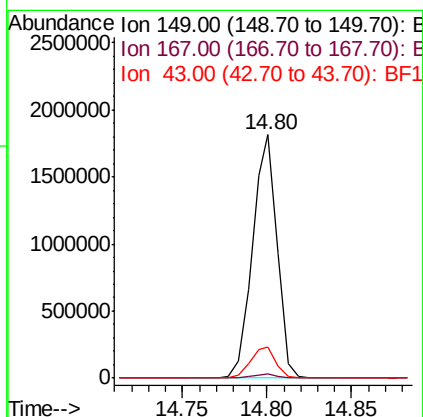
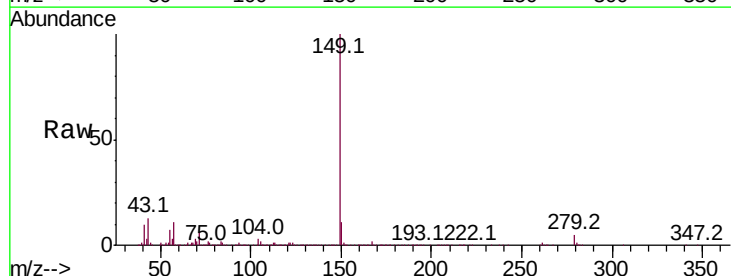
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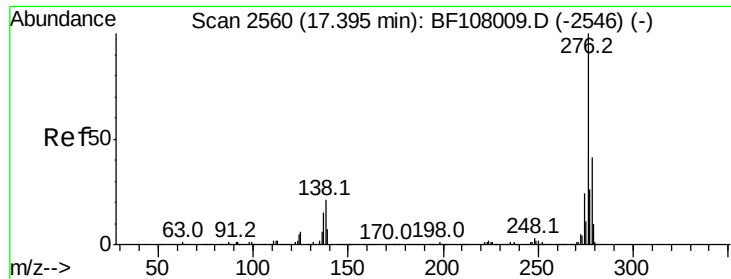
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#84
 Di-n-octyl phthalate
 Concen: 54.643 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108166.D
 Acq: 15 Aug 2018 15:33

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.937 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.02 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

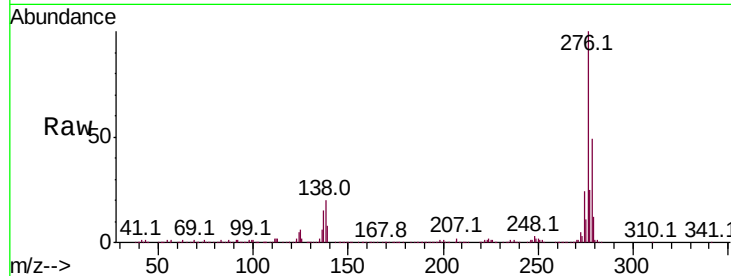
ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	25.0	37.6#
277	25.3	20.1	30.1

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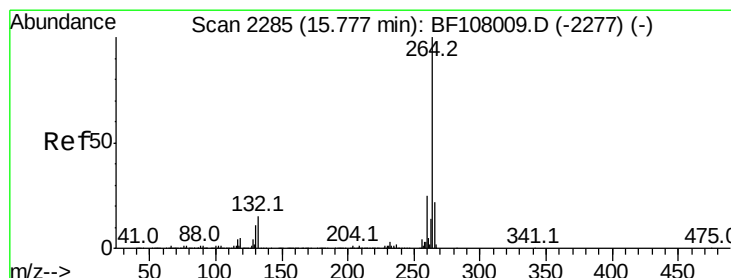
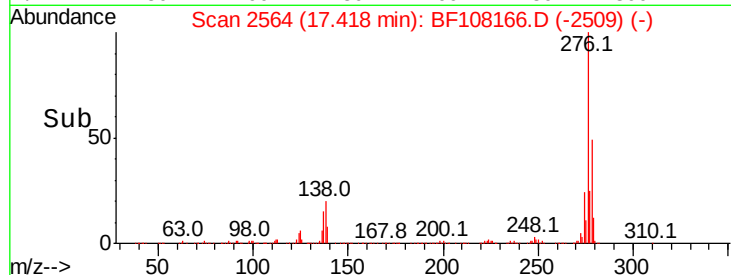
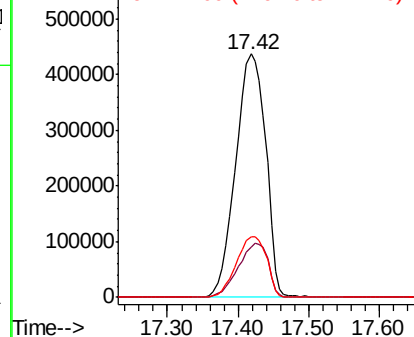


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.79 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

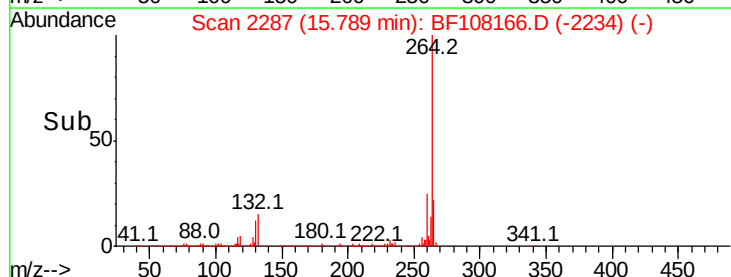
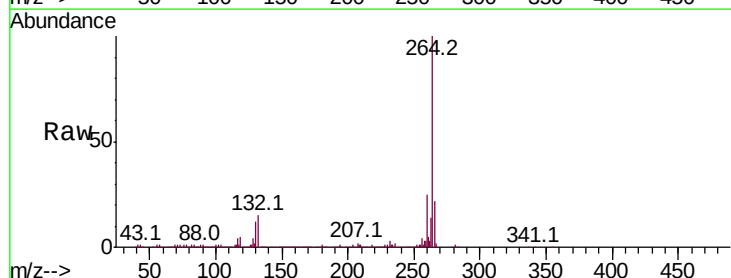
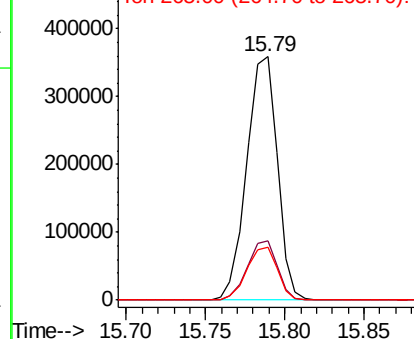
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3

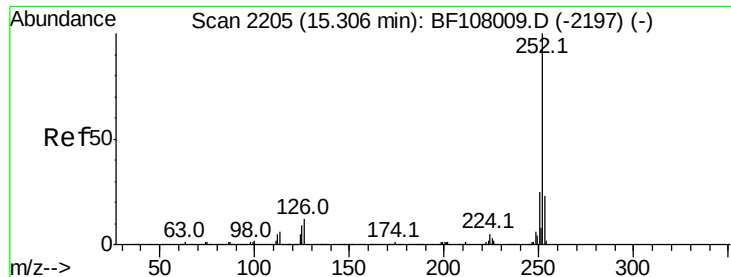
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





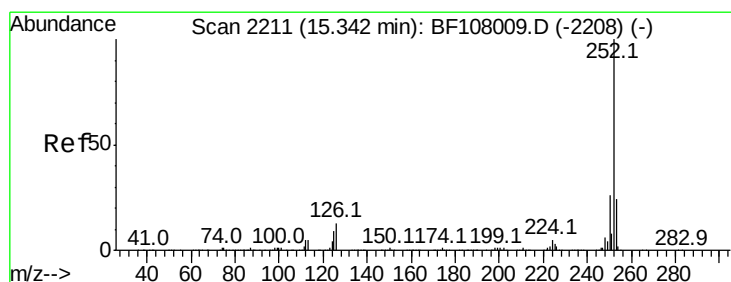
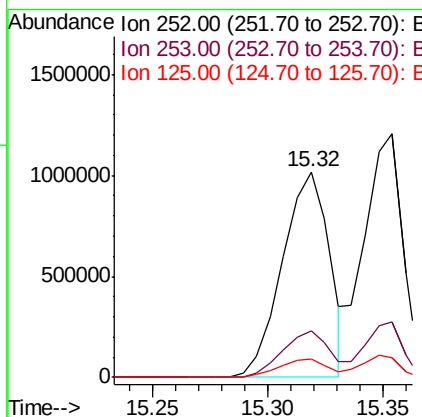
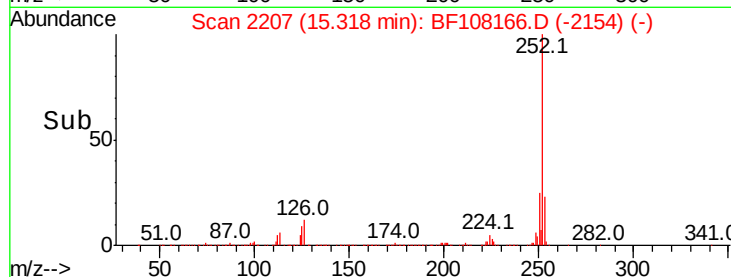
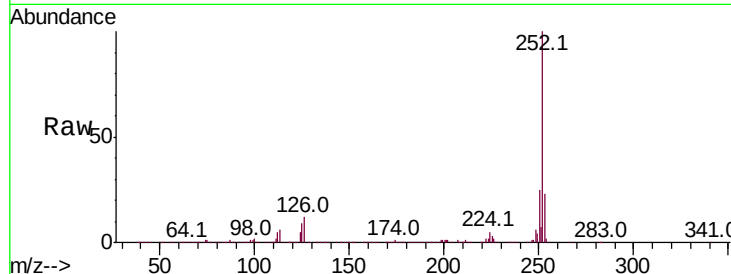
#87
Benzo(b)fluoranthene
Concen: 49.791 ng
RT: 15.32 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion:252 Resp: 1437907
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.0 9.0 13.6#

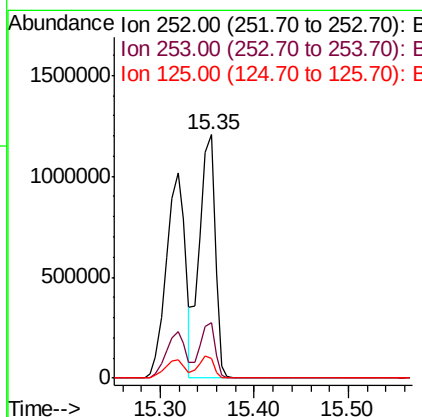
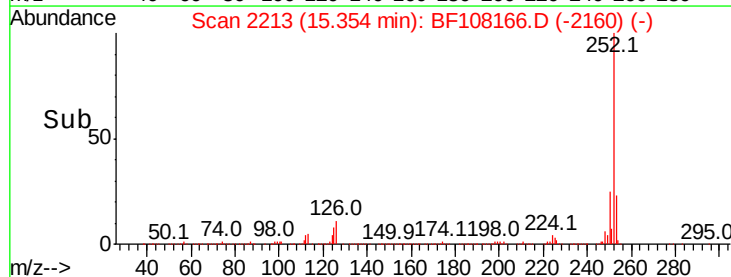
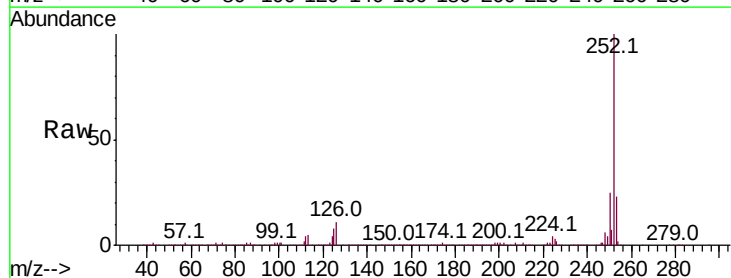
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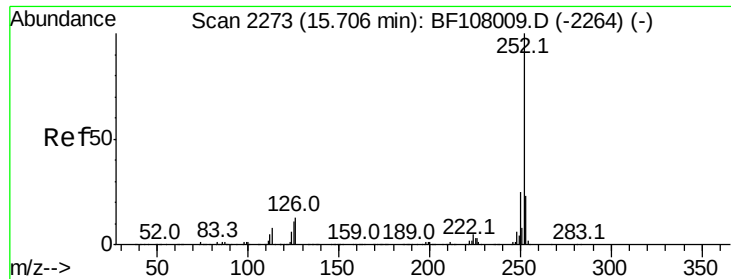
Sohil
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#88
Benzo(k)fluoranthene
Concen: 52.871 ng
RT: 15.35 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion:252 Resp: 1403540
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.2 10.2 15.2#





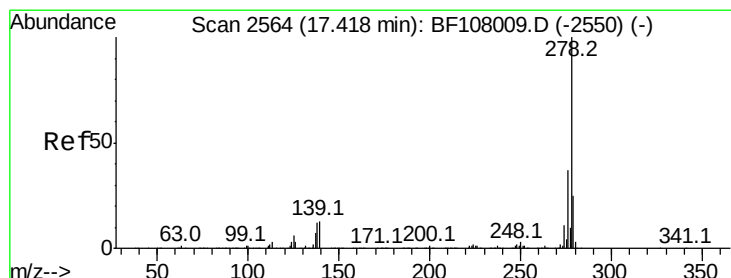
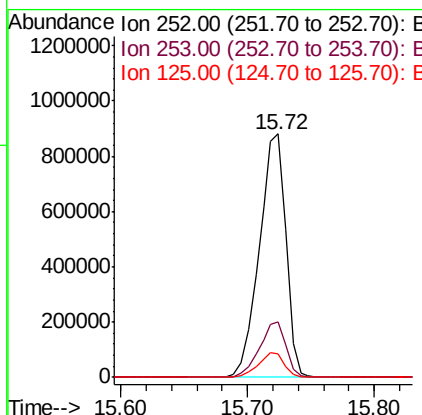
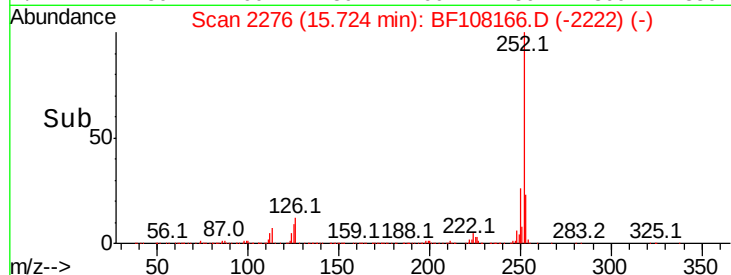
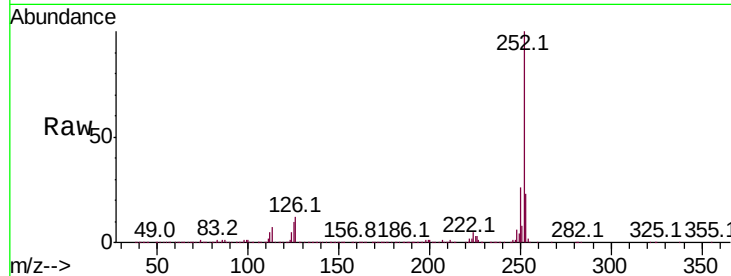
#89
Benzo(a)pyrene
Concen: 49.750 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.6	9.8	14.6

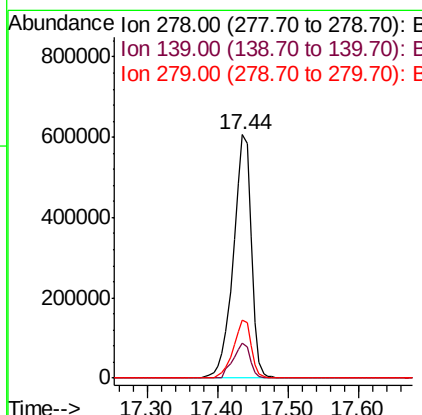
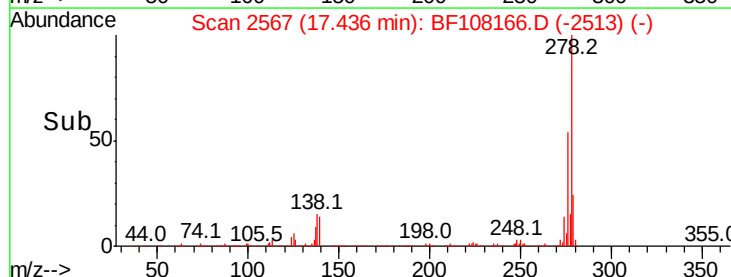
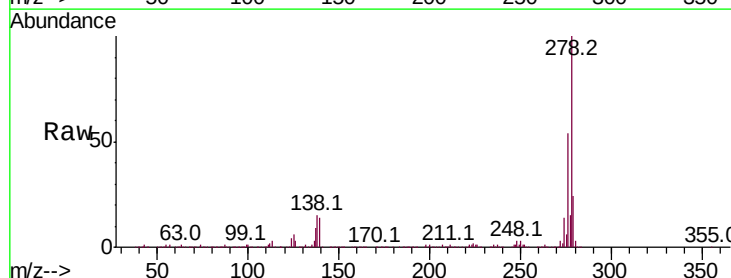
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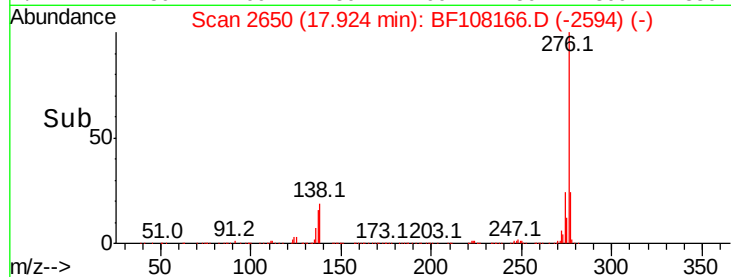
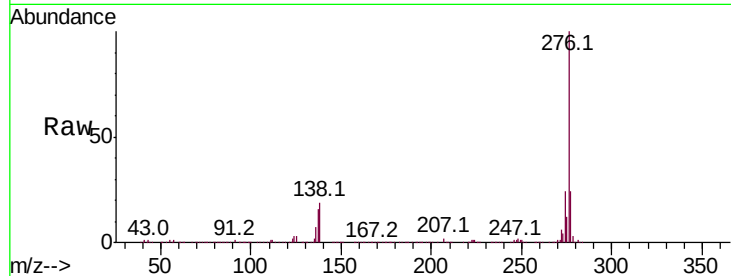
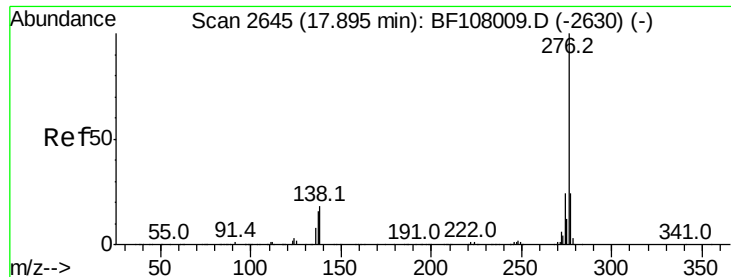
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 50.130 ng
RT: 17.44 min Scan# 2567
Delta R.T. 0.02 min
Lab File: BF108166.D
Acq: 15 Aug 2018 15:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 50.645 ng

RT: 17.92 min Scan# 2650

Delta R.T. 0.03 min

Lab File: BF108166.D

Acq: 15 Aug 2018 15:33

Instrument :

BNA_F

ClientSampleId :

CB-0818-S-TCLP-61AMSD

Tot Ion: 276 Resp: 1067052

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 19.0 21.8 32.8#

Manual Integrations
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