

Data File : BF108867.D
Acq On : 7 Sep 2018 18:13
Operator : JU/SJ
Sample : J4825-18MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MS

Quant Time: Sep 07 23:22:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	217357	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	802193	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	358252	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	557636	20.00	ng	0.00
75) Chrysene-d12	13.87	240	464659	20.00	ng	0.00
86) Perylene-d12	15.28	264	500215	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1508908	115.01	ng	0.02
7) Phenol-d6	6.38	99	1926083	114.10	ng	0.01
23) Nitrobenzene-d5	7.30	82	1242198	96.91	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	389332	113.84	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2030212	96.68	ng	0.00
78) Terphenyl-d14	12.83	244	1435595	72.05	ng	0.00

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	170055	14.492	ng	# 77
25) Isophorone	7.30	82	1238067	48.421	ng	# 64
32) Benzoic acid	7.81	122	350	4.068	ng	# 36
49) Dimethylphthalate	9.48	163	551041	21.991	ng	99
56) 2,4-Dinitrotoluene	9.77	165	47471	7.774	ng	# 23
57) Fluorene	10.31	166	39197	2.037	ng	98
64) 4,6-Dinitro-2-methylphenol	10.55	198	779	7.173	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	23952	3.803	ng	# 1
70) Phenanthrene	11.27	178	560177	21.036	ng	99
71) Anthracene	11.32	178	136672	5.360	ng	98
74) Fluoranthene	12.45	202	674734	25.591	ng	96
77) Pyrene	12.68	202	672082	18.797	ng	99
80) Benzo(a)anthracene	13.86	228	393625	13.216	ng	98
82) Chrysene	13.89	228	358320	12.428	ng	97
87) Benzo(b)fluoranthene	14.88	252	598942	22.020	ng	97
88) Benzo(k)fluoranthene	14.88	252	598942	23.912	ng	99
89) Benzo(a)pyrene	15.22	252	337225	13.741	ng	96
91) Benzo(g,h,i)perylene	17.04	276	158437	7.317	ng	94

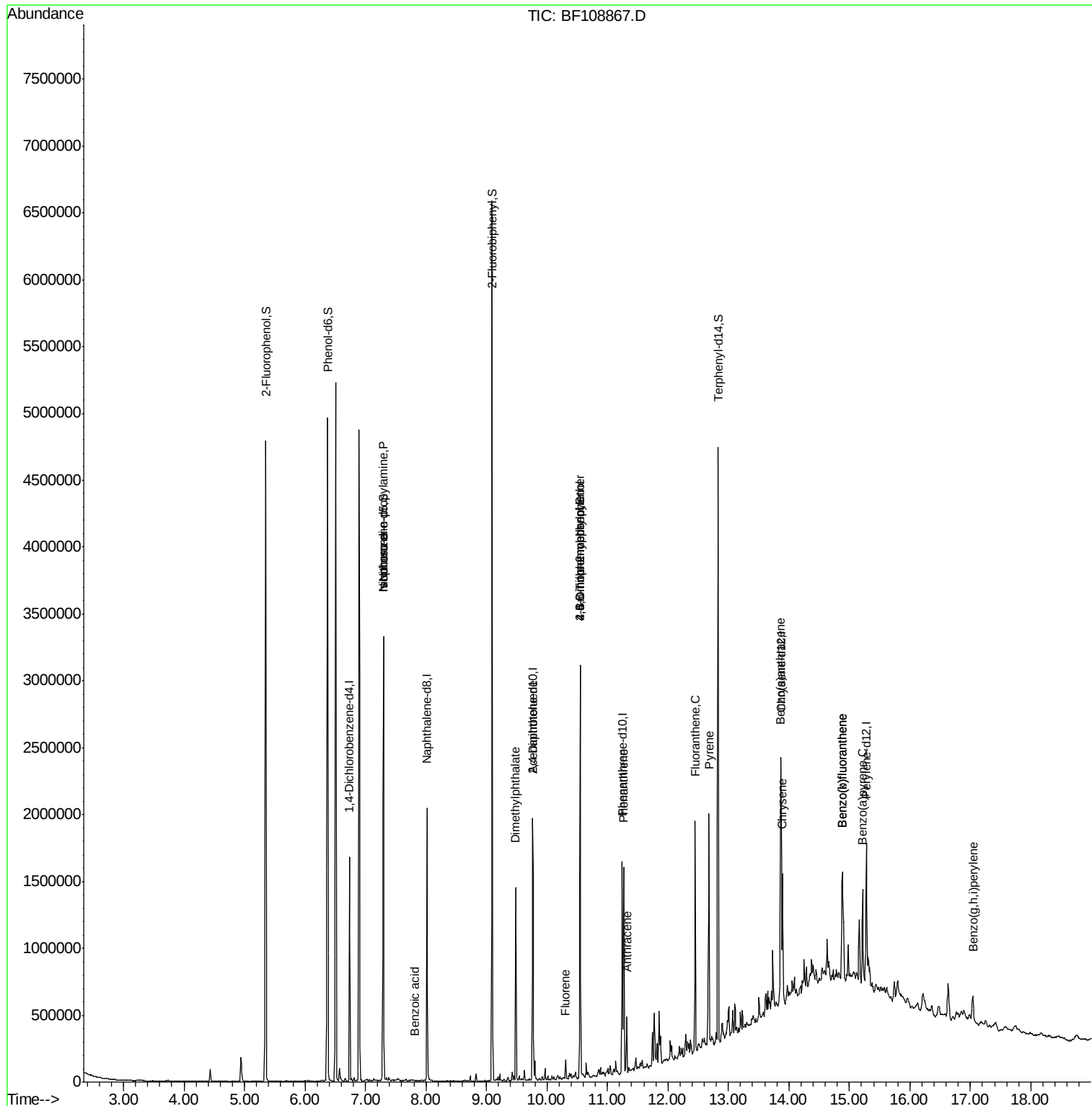
(#) = qualifier out of range (m) = manual integration (+) = signals summed

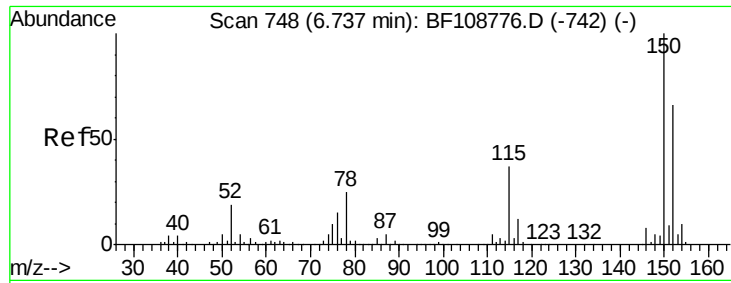
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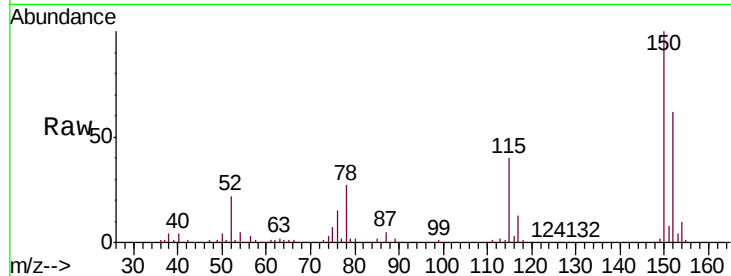




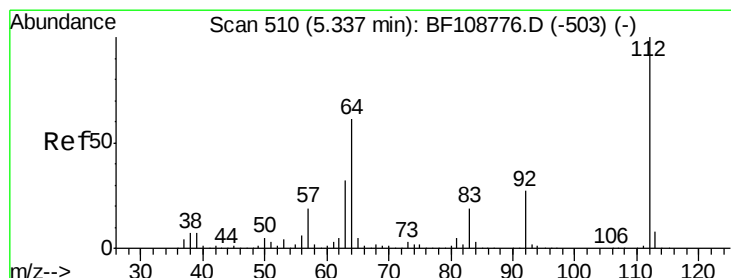
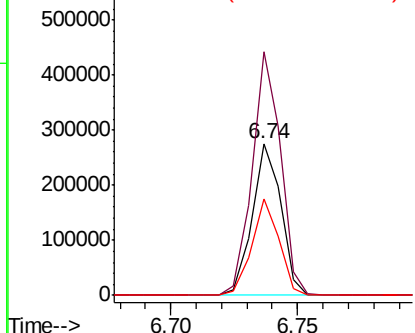
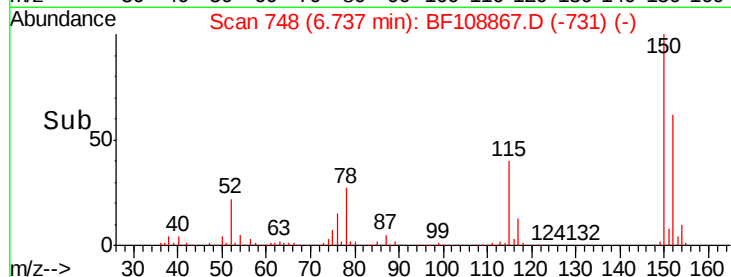
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108867.D
 Acq: 7 Sep 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MS

Tgt Ion:152 Resp: 217357
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.6 186.8
 115 63.5 50.1 75.1

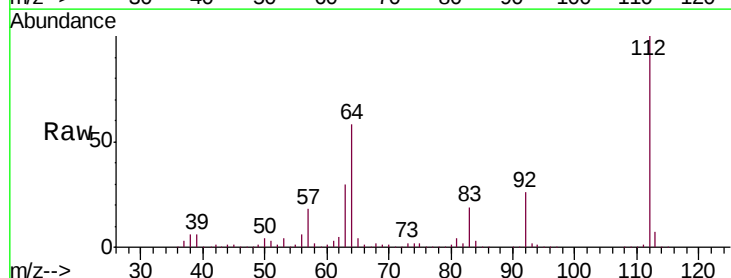


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

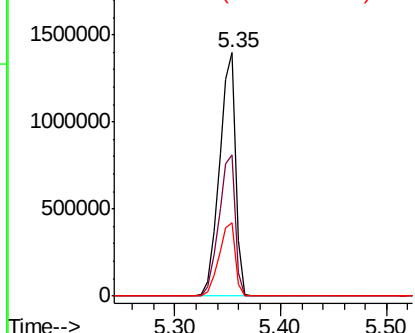
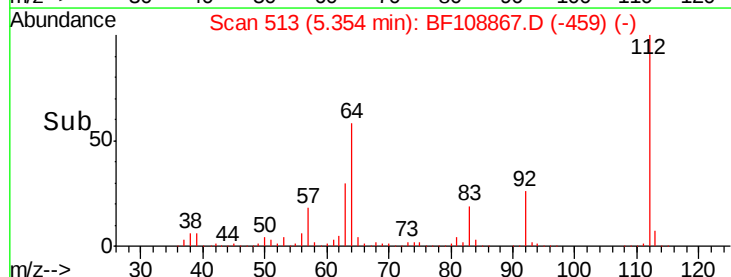


#5
 2-Fluorophenol
 Concen: 115.007 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF108867.D
 Acq: 7 Sep 2018 18:13

Tgt Ion:112 Resp: 1508908
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 30.3 23.7 35.5



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





#7

Phenol-d6

Concen: 114.097 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108867.D

Acq: 7 Sep 2018 18:13

Instrument :

BNA_F

ClientSampleId :

EP1-WS-COMP-18MS

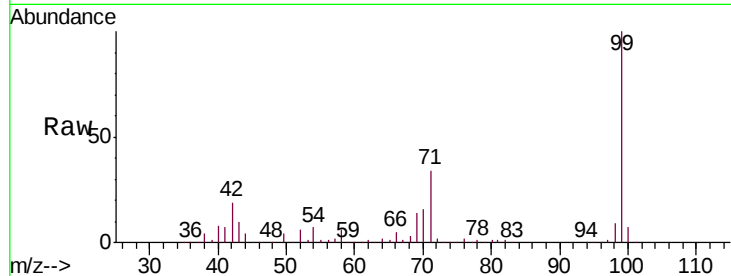
Tgt Ion: 99 Resp: 1926083

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

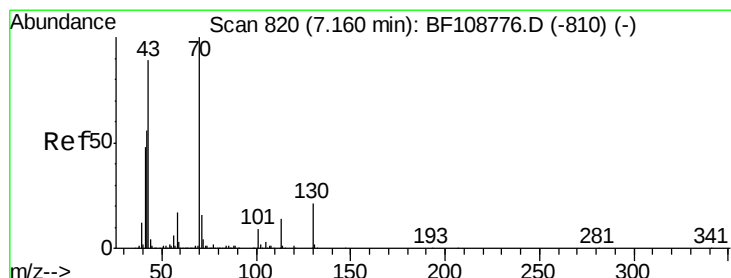
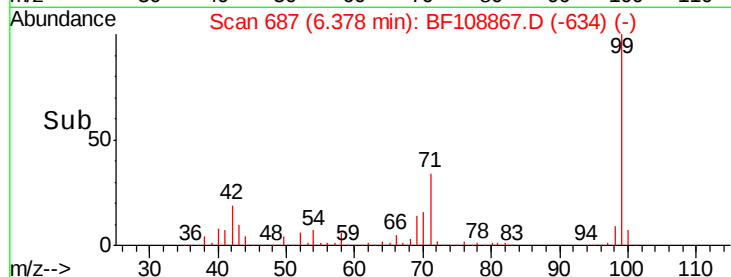
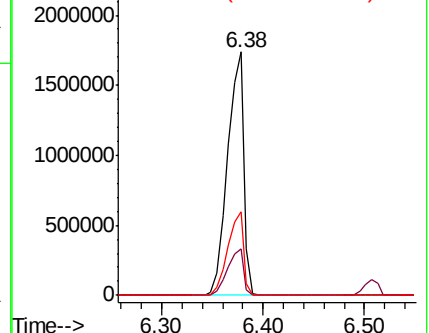
71 34.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.492 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108867.D

Acq: 7 Sep 2018 18:13

Tgt Ion: 70 Resp: 170055

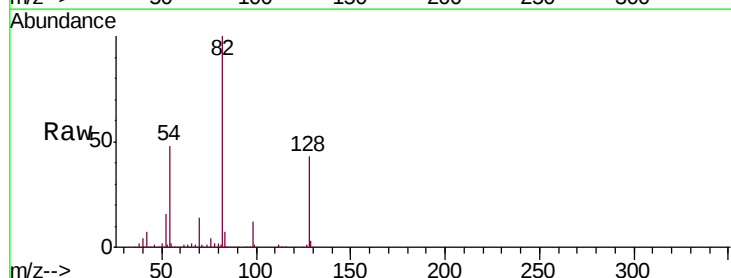
Ion Ratio Lower Upper

70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

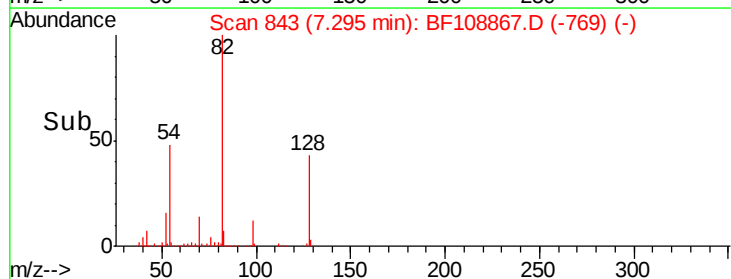
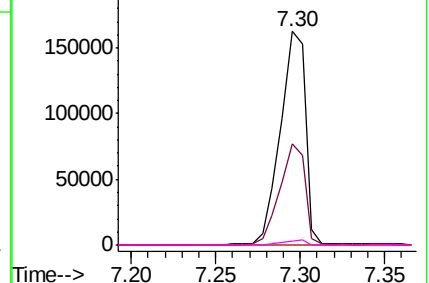


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

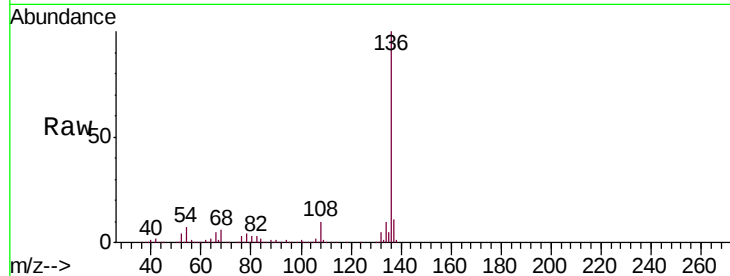




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MS

Tgt Ion:	136	Resp:	802193
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4



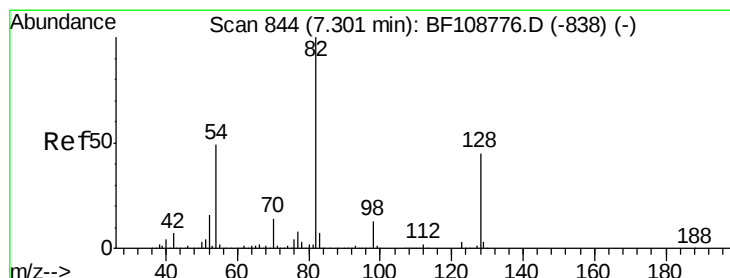
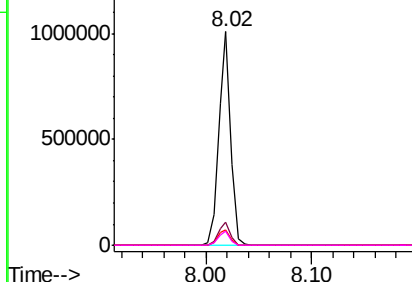
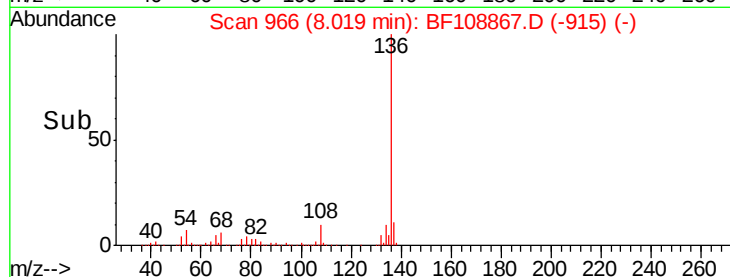
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

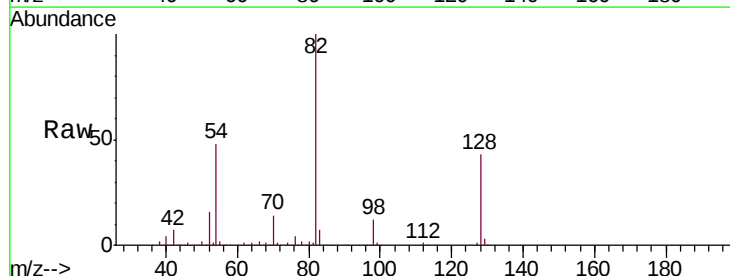
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 96.907 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

Tgt Ion:	82	Resp:	1242198
Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	48.5	41.4	62.2

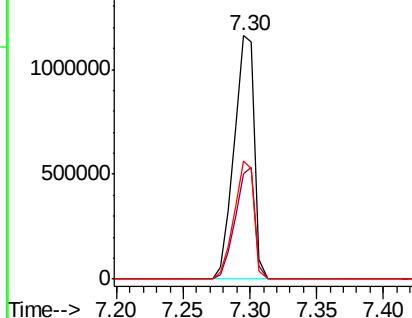
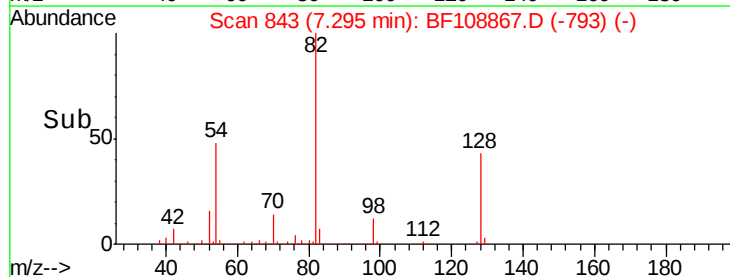


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.421 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108867.D

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Instrument :

BNA_F

ClientSampleId :

EP1-WS-COMP-18MS

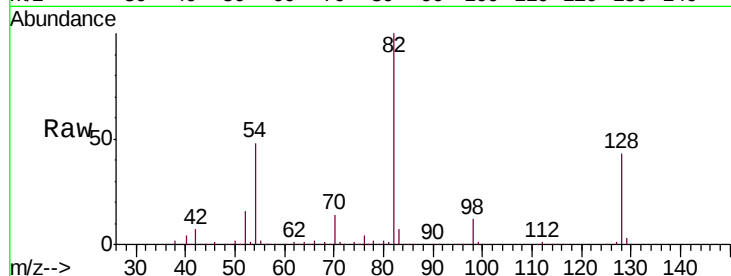
Tgt Ion: 82 Resp: 1238067

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

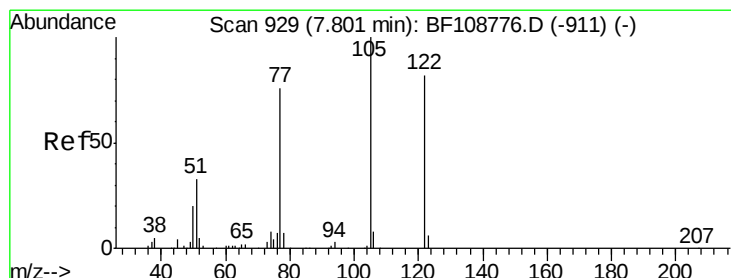
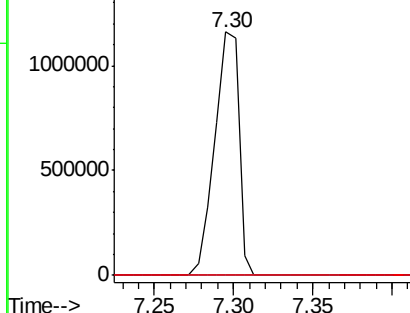
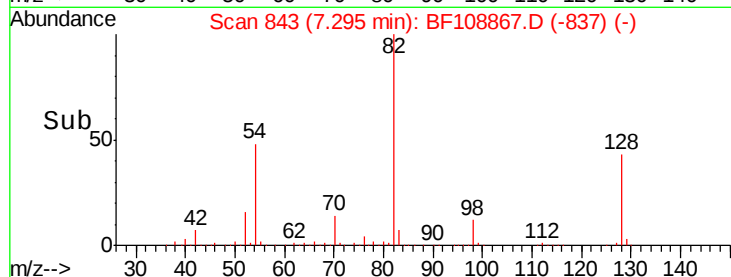
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 4.068 ng

RT: 7.81 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF108867.D

Acq: 7 Sep 2018 18:13

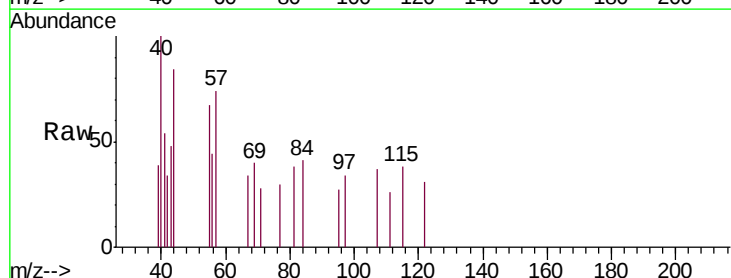
Tgt Ion: 122 Resp: 350

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

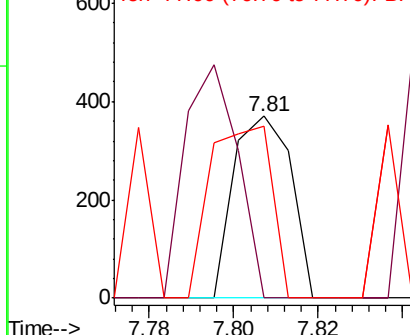
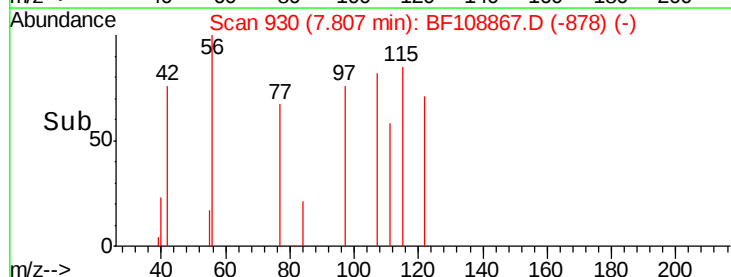
77 94.3 70.7 110.7

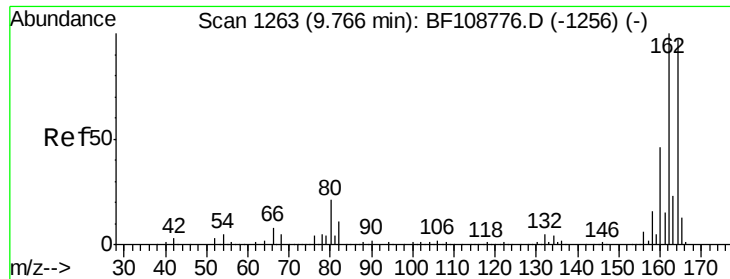


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

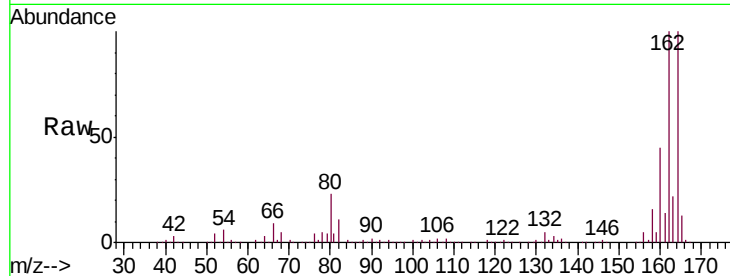




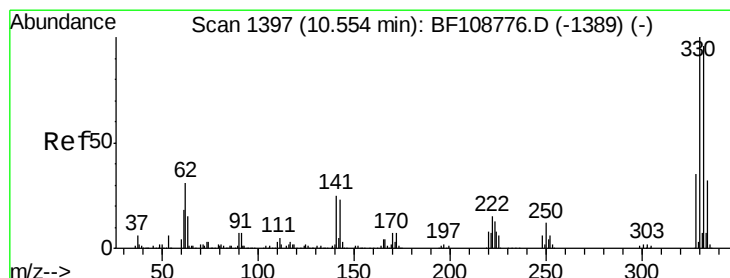
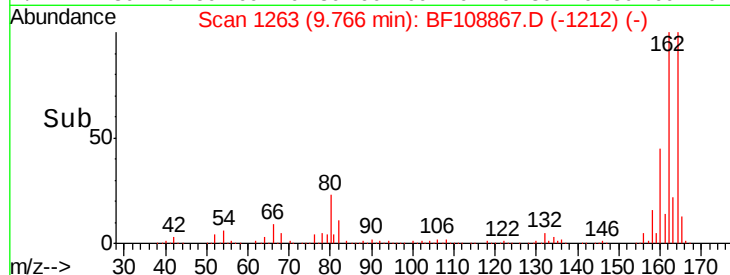
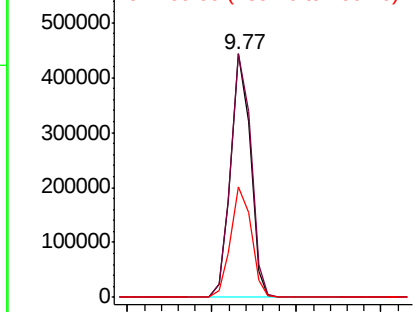
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108867.D
 Acq: 7 Sep 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MS

Tgt Ion:164 Resp: 358252
 Ion Ratio Lower Upper
 164 100
 162 100.1 86.1 129.1
 160 45.3 38.3 57.5

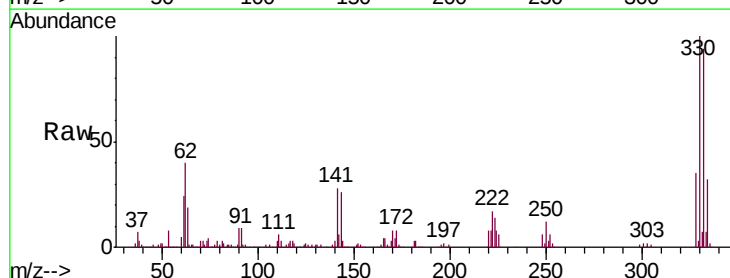


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

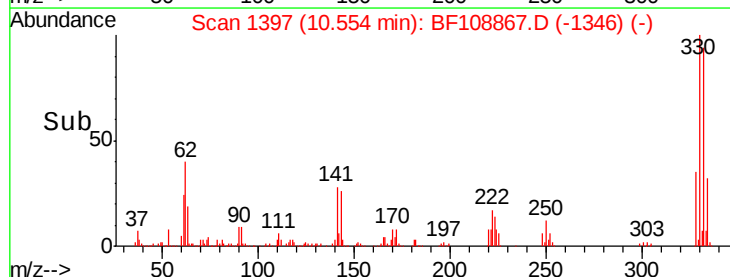
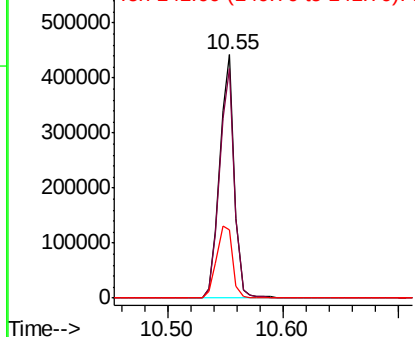


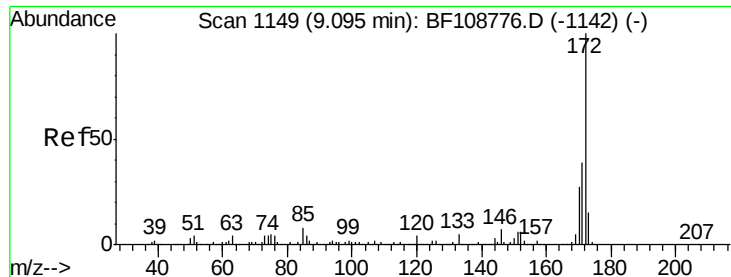
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 2,4,6-Tribromophenol
 Concen: 113.838 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108867.D
 Acq: 7 Sep 2018 18:13

Tgt Ion:330 Resp: 389332
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.9 29.9 44.9



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

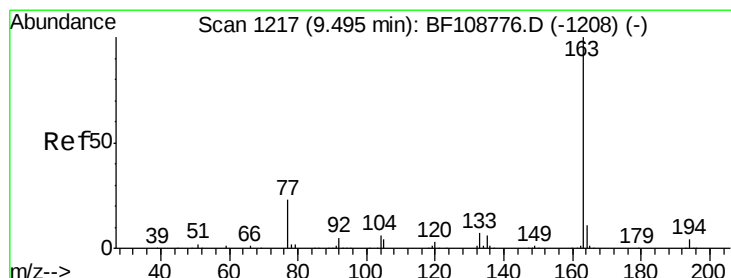
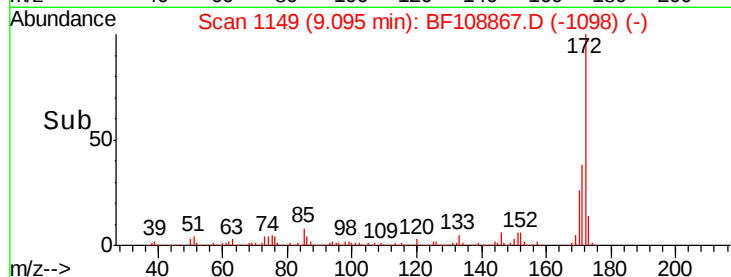
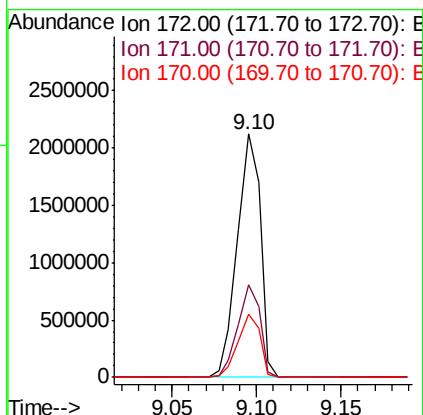
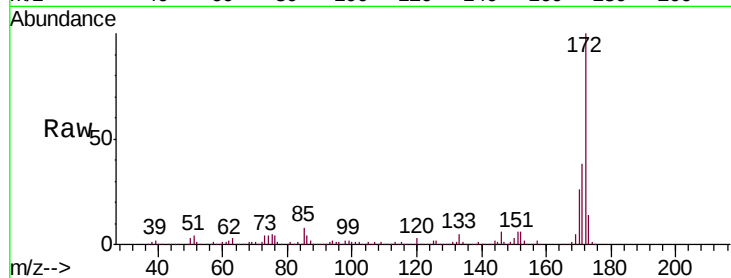




#44
2-Fluorobiphenyl
Concen: 96.678 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

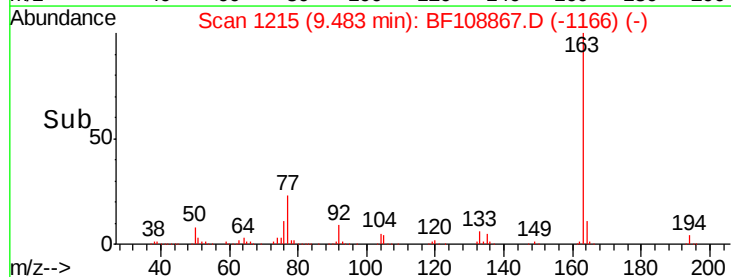
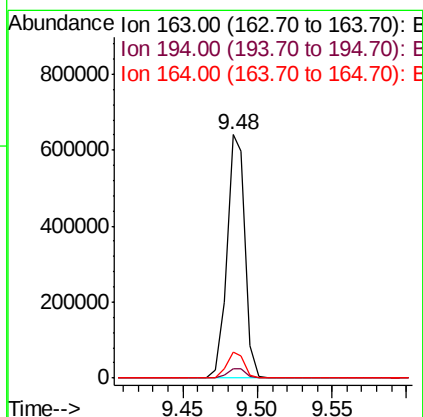
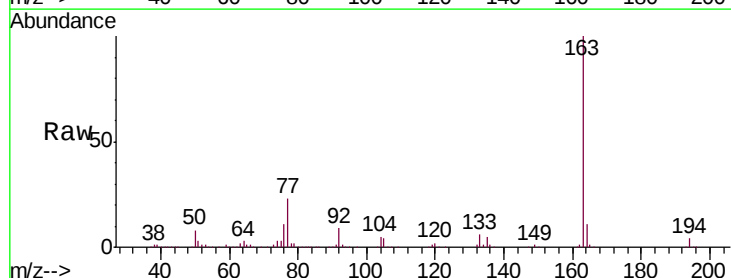
Instrument :
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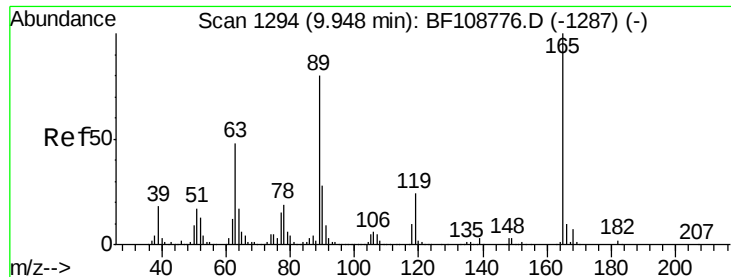
Tgt Ion:172 Resp: 2030212
Ion Ratio Lower Upper
172 100
171 38.2 29.7 44.5
170 26.0 19.6 29.4



#49
Dimethylphthalate
Concen: 21.991 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

Tgt Ion:163 Resp: 551041
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.7 8.2 12.2

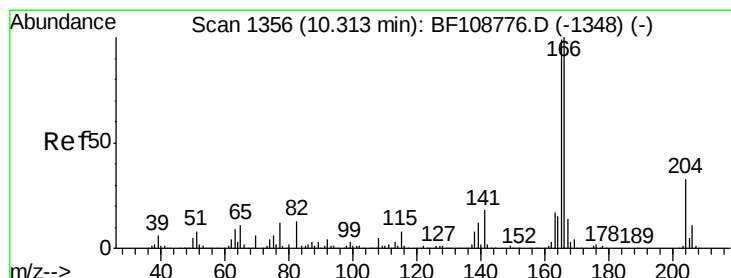
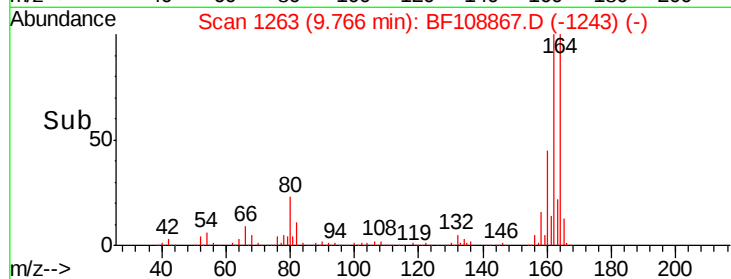
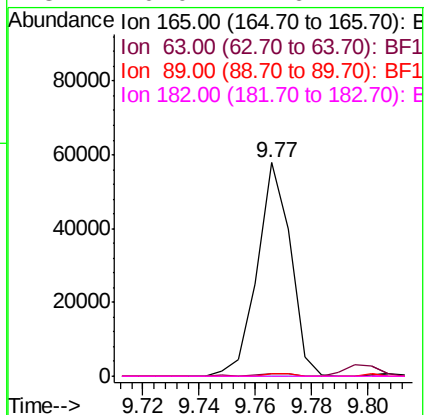
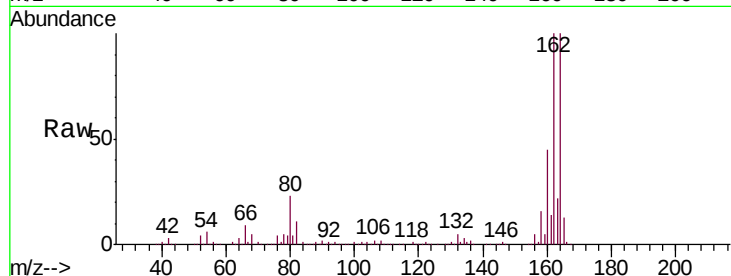




#56
2,4-Dinitrotoluene
Concen: 7.774 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

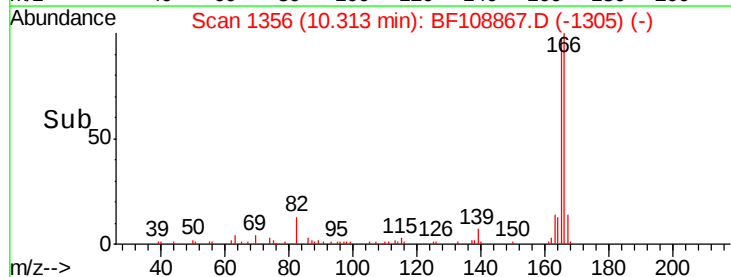
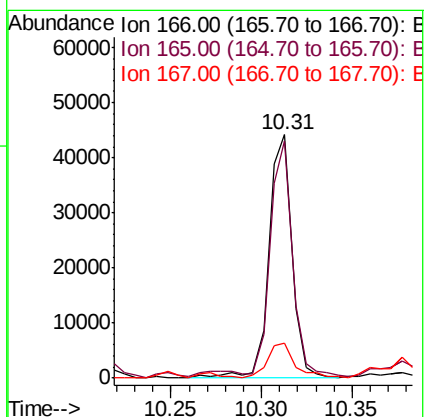
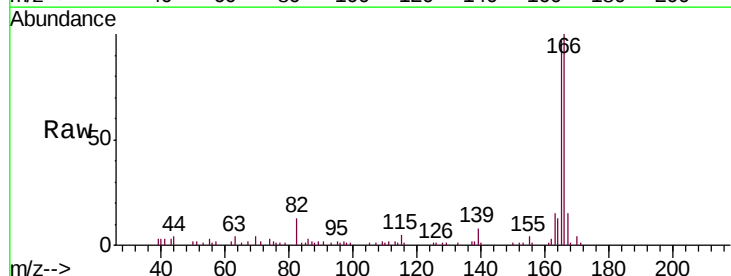
Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MS

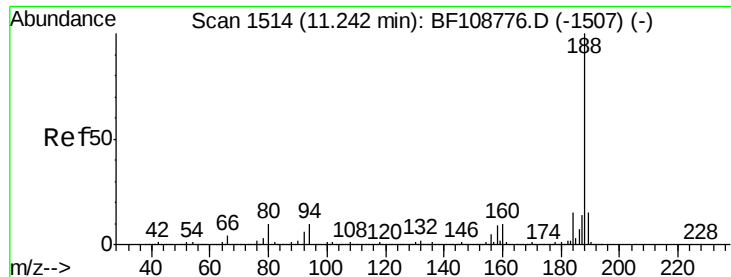
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 2.037 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	14.6	10.6	16.0

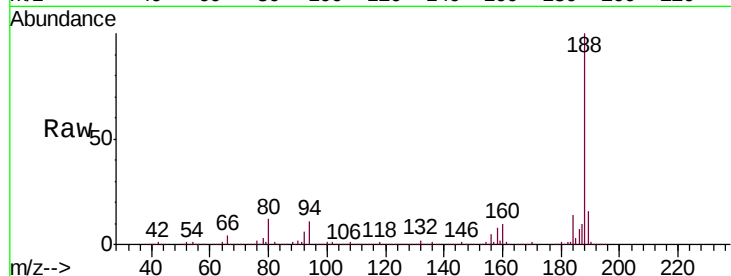




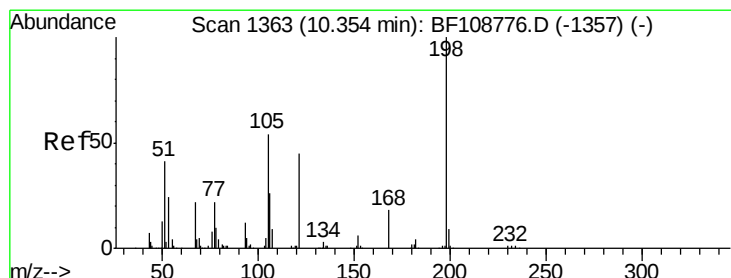
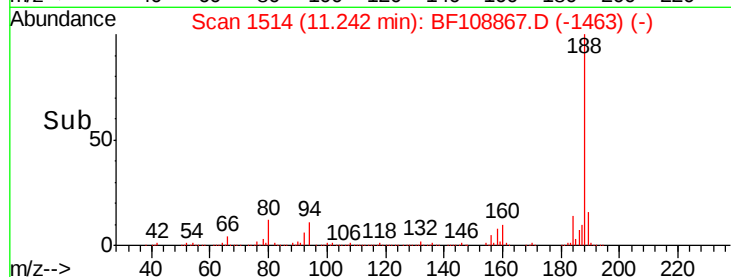
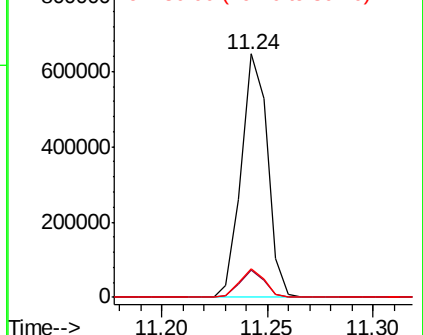
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108867.D
 Acq: 7 Sep 2018 18:13

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WS-COMP-18MS

Tgt Ion:188 Resp: 557636
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.6 9.2 13.8

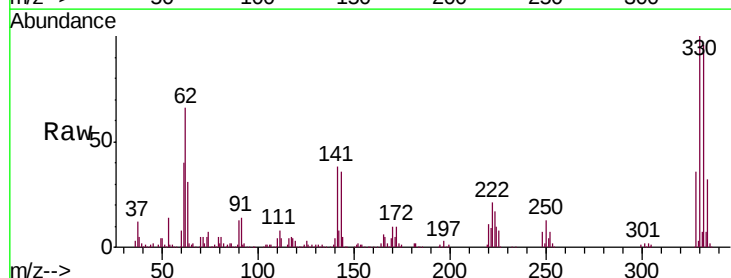


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

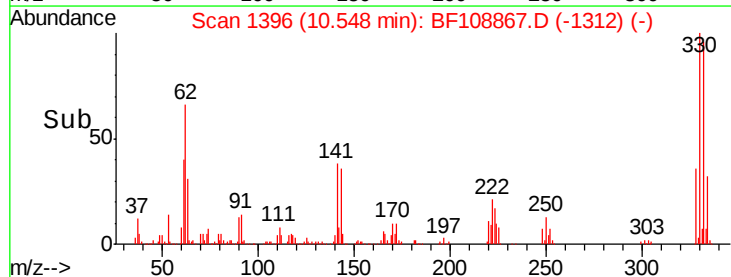
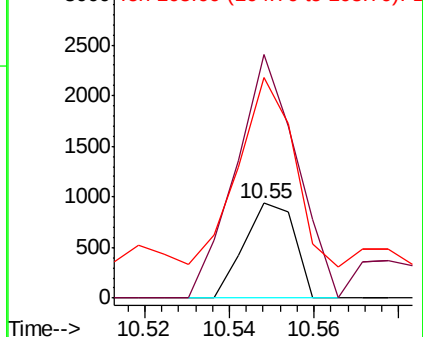


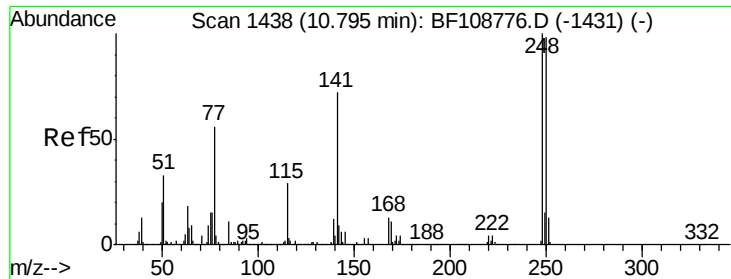
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.173 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108867.D
 Acq: 7 Sep 2018 18:13

Tgt Ion:198 Resp: 779
 Ion Ratio Lower Upper
 198 100
 51 257.6 37.7 77.7#
 105 232.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

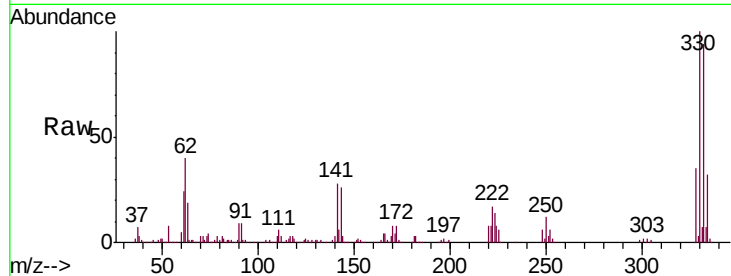




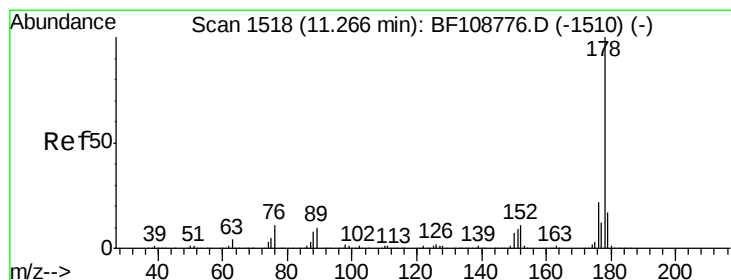
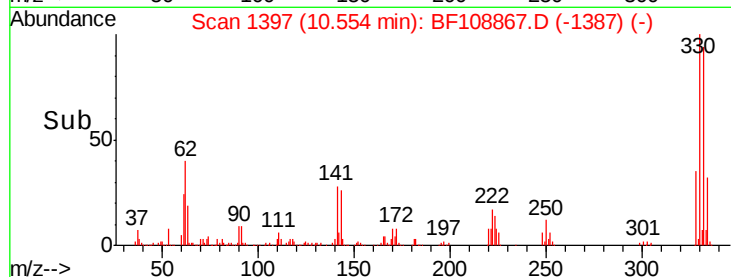
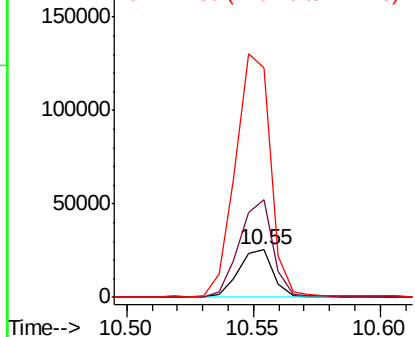
#66
4-Bromophenyl-phenylether
Concen: 3.803 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

Instrument :
BNA_F
ClientSampleId :
EP1-WS-COMP-18MS

Tgt Ion: 248 Resp: 23952
Ion Ratio Lower Upper
248 100
250 206.1 76.9 115.3#
141 485.1 74.4 111.6#

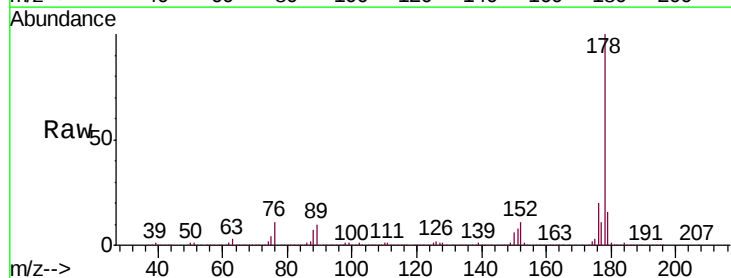


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#70
Phenanthrene
Concen: 21.036 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108867.D
Acq: 7 Sep 2018 18:13

Tgt Ion: 178 Resp: 560177
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

