

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109148.D
 Acq On : 19 Sep 2018 17:22
 Operator : JU/SJ
 Sample : J4957-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 17:59:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

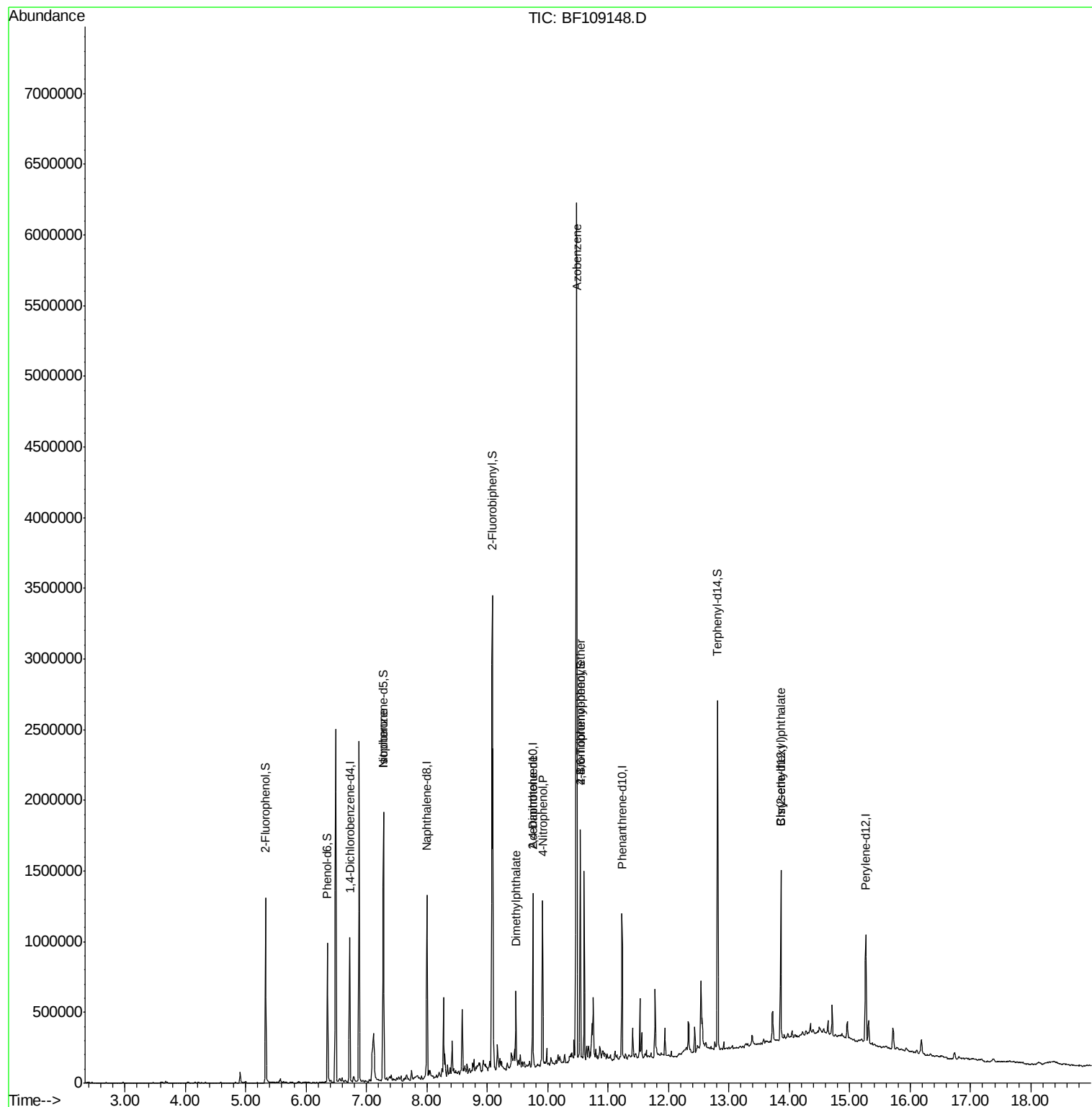
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	153899	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	533772	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	214866	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	356757	20.00	ng	0.00
75) Chrysene-d12	13.86	240	386676	20.00	ng	0.00
86) Perylene-d12	15.27	264	359275	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	391700	42.27	ng	0.00
7) Phenol-d6	6.35	99	305126	25.54	ng	0.00
23) Nitrobenzene-d5	7.28	82	612001	64.31	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	203712	87.36	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1026479	74.85	ng	0.00
78) Terphenyl-d14	12.82	244	915823	56.14	ng	0.00
Target Compounds						
25) Isophorone	7.28	82	607469	37.134	ng	# 64
49) Dimethylphthalate	9.47	163	187352	12.200	ng	# 99
55) 4-Nitrophenol	9.92	139	10915	3.694	ng	# 56
56) 2,4-Dinitrotoluene	9.75	165	29175	6.550	ng	# 26
62) Azobenzene	10.48	77	36362	2.291	ng	# 71
66) 4-Bromophenyl-phenylether	10.54	248	12378	3.078	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.85	149	31558	2.032	ng	100

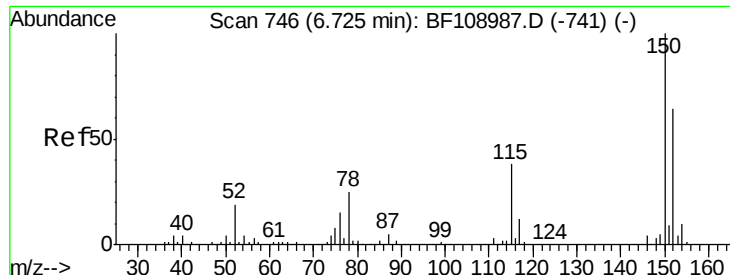
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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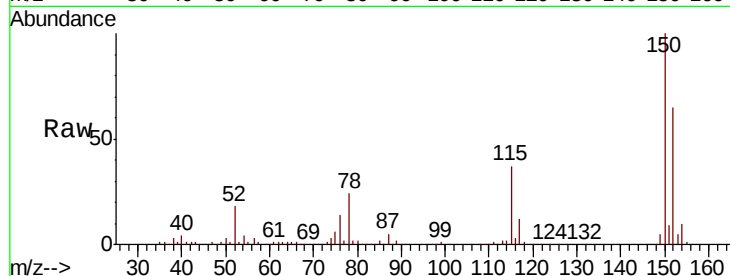


#1

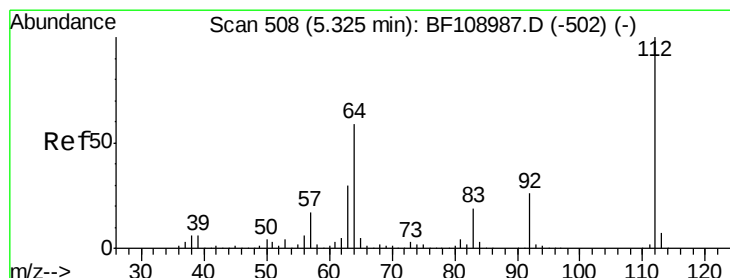
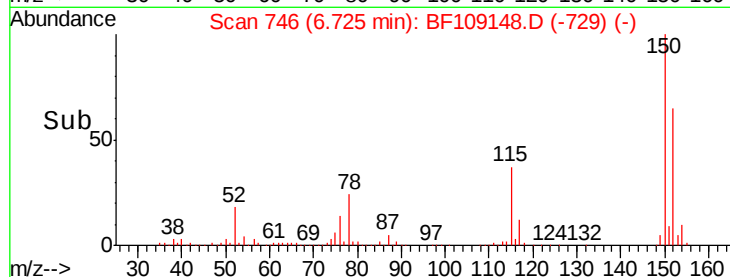
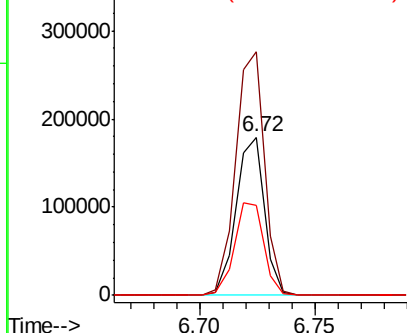
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	56.9	50.1	75.1



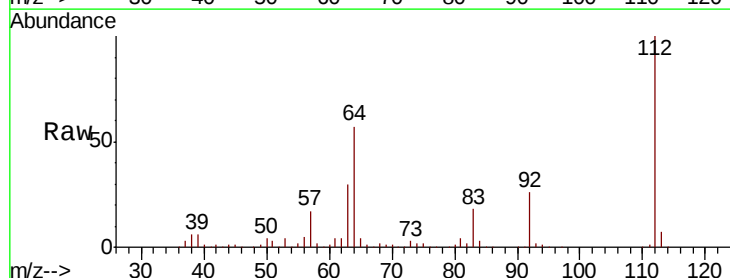
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



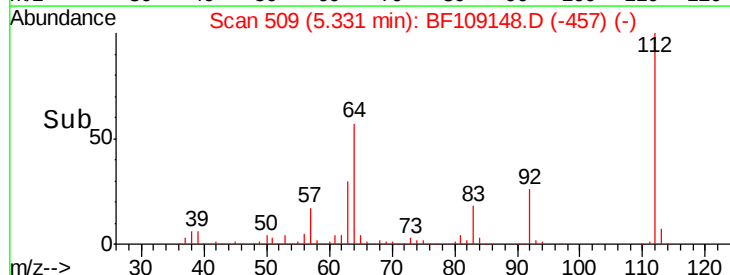
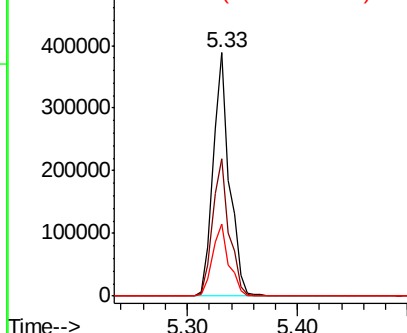
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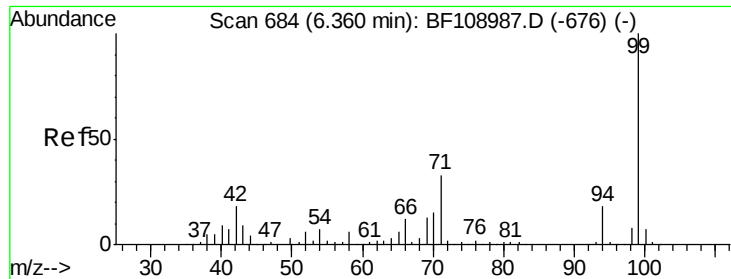
2-Fluorophenol
Concen: 42.272 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	29.7	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: 25.537 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109148.D

Acq: 19 Sep 2018 17:22

Instrument :

BNA_F

ClientSampleId :

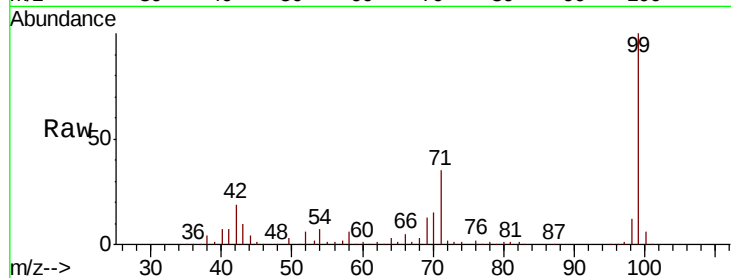
Tot Ion: 99 Resp: 305126

Ion Ratio Lower Upper

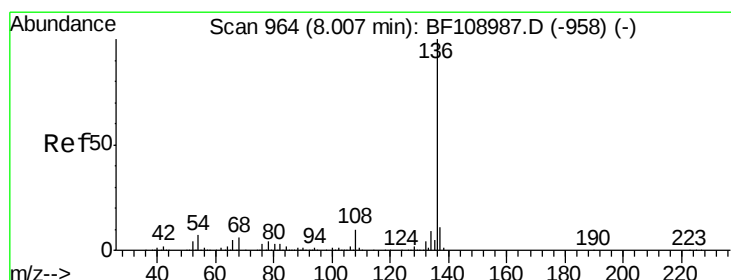
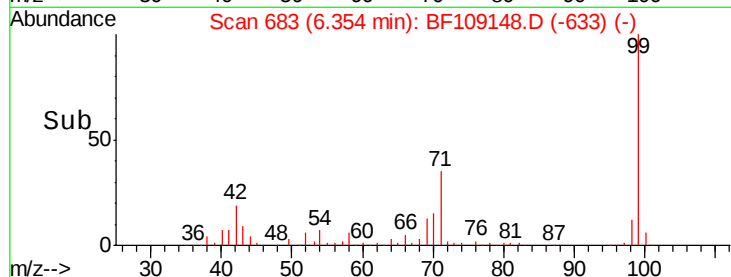
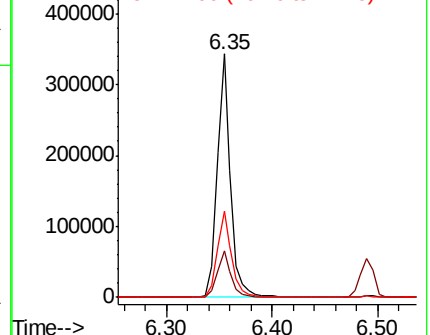
99 100

42 19.1 14.5 21.7

71 35.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109148.D

Acq: 19 Sep 2018 17:22

Tgt Ion: 136 Resp: 533772

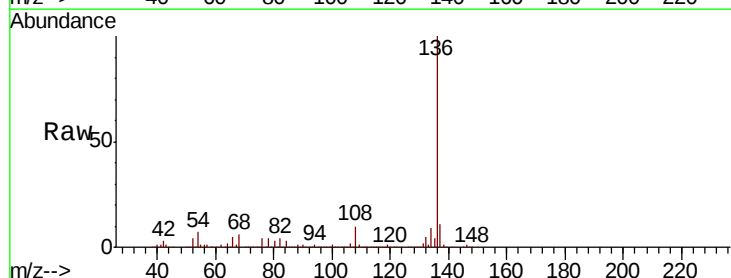
Ion Ratio Lower Upper

136 100

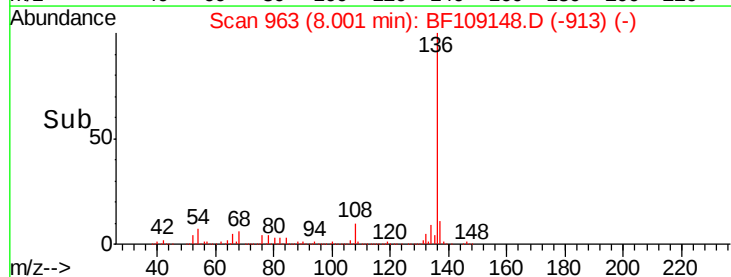
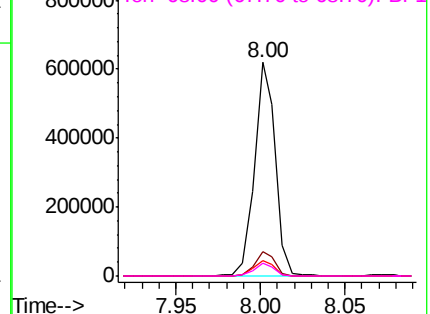
137 11.3 8.9 13.3

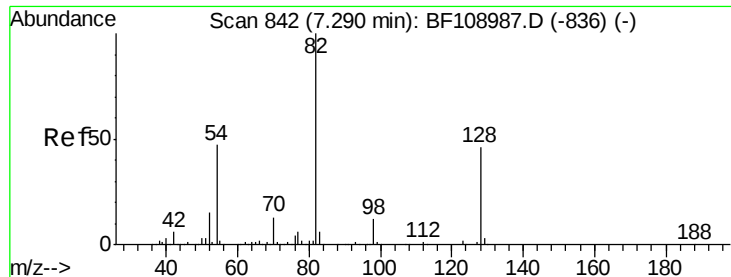
54 7.4 6.6 9.8

68 5.9 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

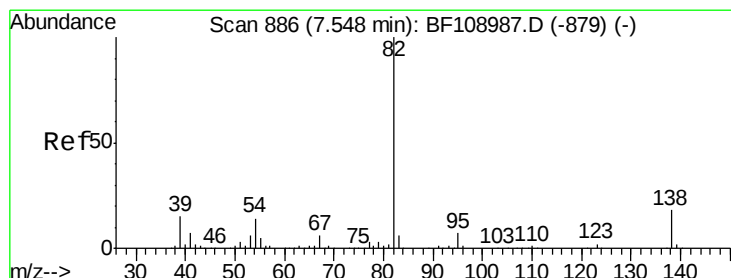
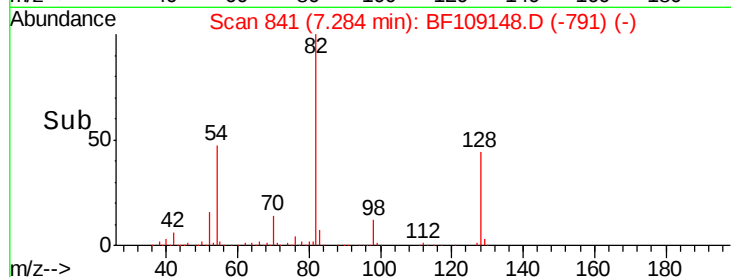
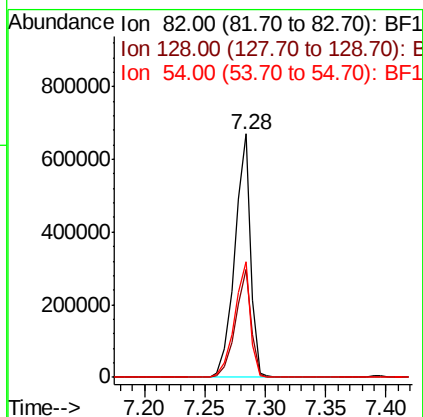
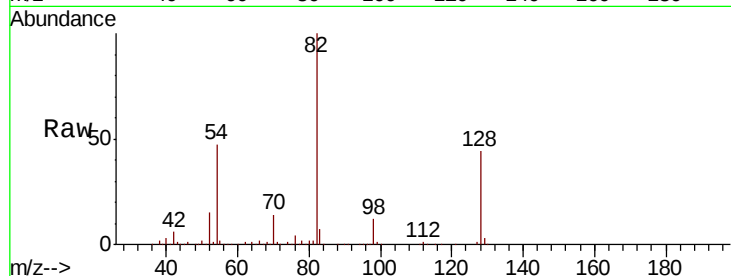




#23
Nitrobenzene-d5
Concen: 64.308 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

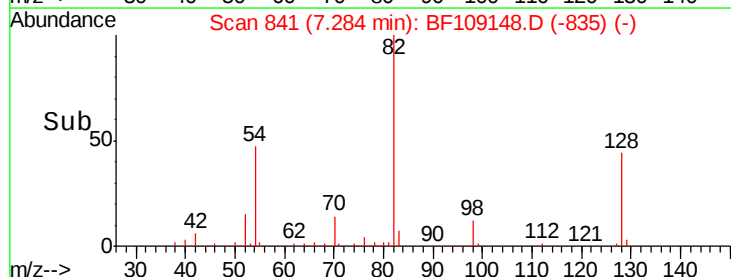
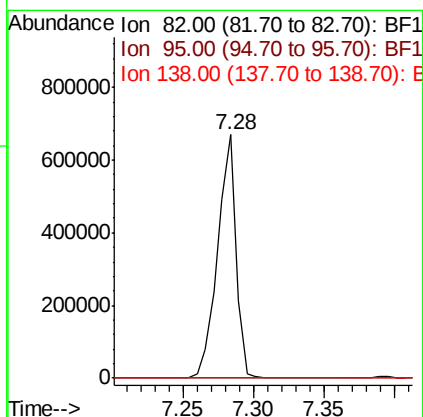
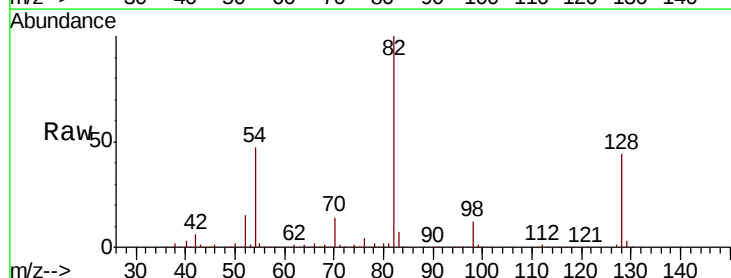
Instrument :
BNA_F
ClientSampleId :

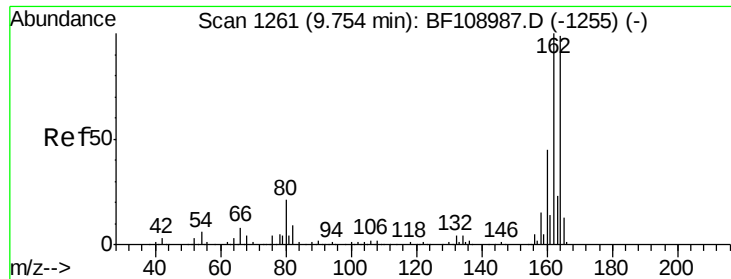
Tot Ion	82.00	Resp	612001
Ion Ratio	Lower	Upper	
82	100		
128	44.1	36.1	54.1
54	47.3	41.4	62.2



#25
Isophorone
Concen: 37.134 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Tgt Ion	82.00	Resp	607469
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

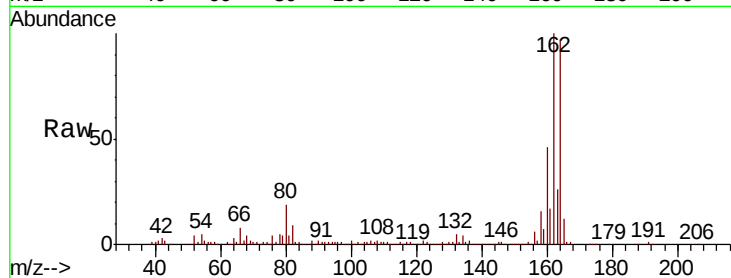




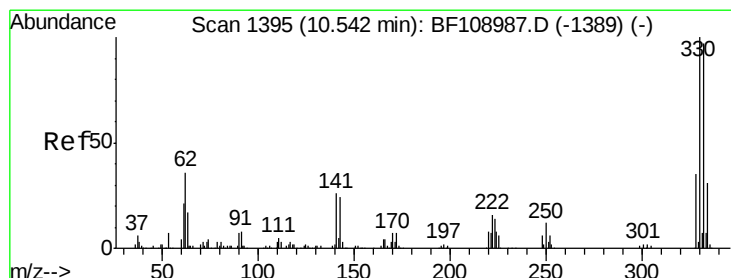
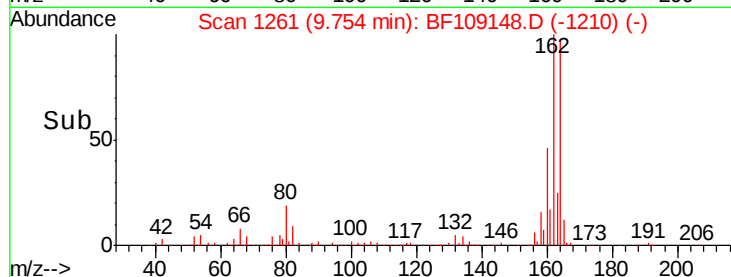
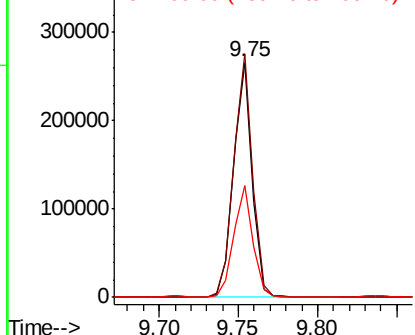
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109148.D
 Acq: 19 Sep 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	47.7	38.3	57.5

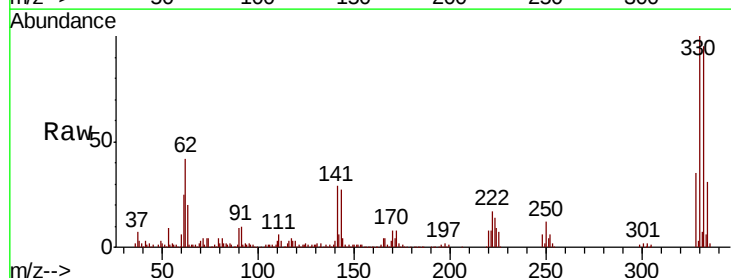


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

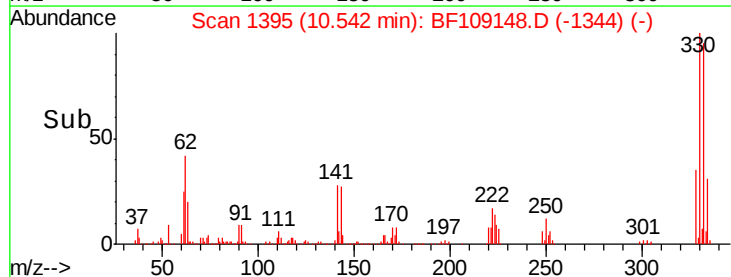
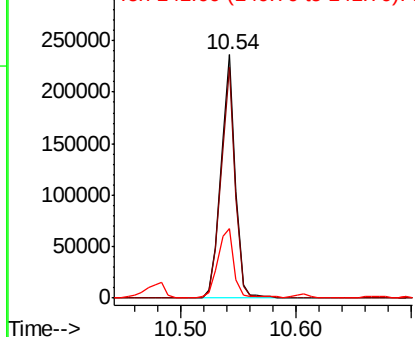


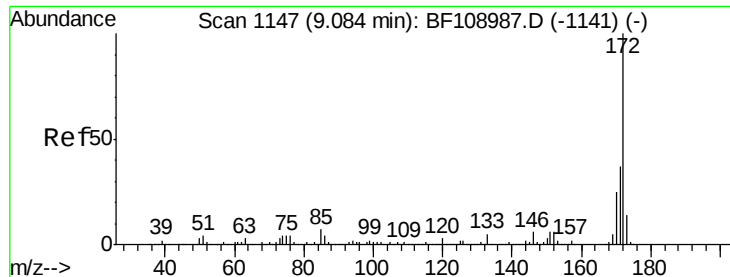
#41
 2,4,6-Tribromophenol
 Concen: 87.360 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109148.D
 Acq: 19 Sep 2018 17:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	31.0	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

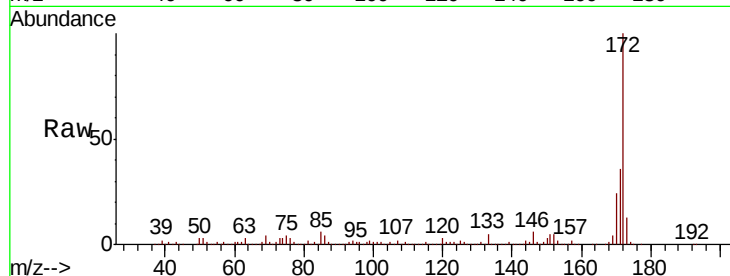




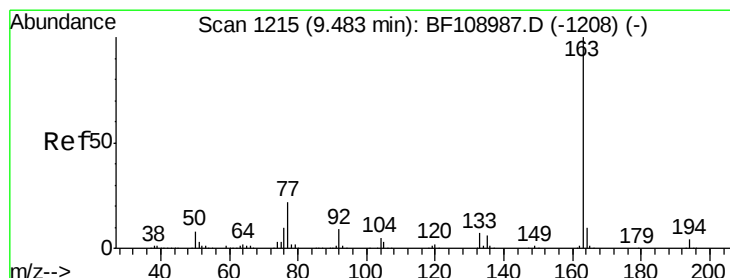
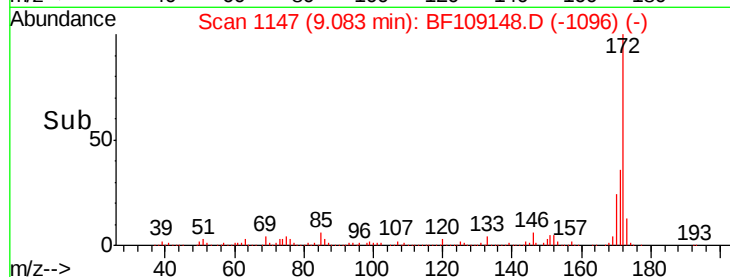
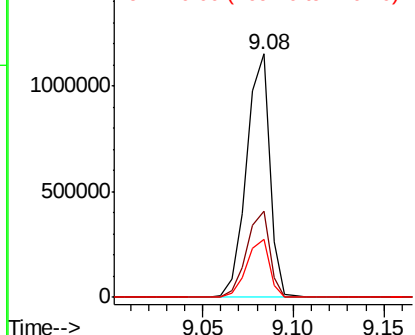
#44
2-Fluorobiphenyl
Concen: 74.847 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1026479
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.1 19.6 29.4

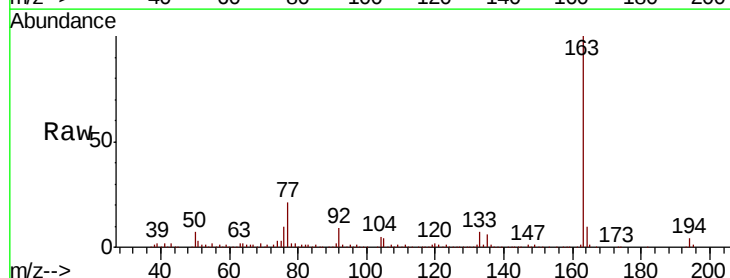


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

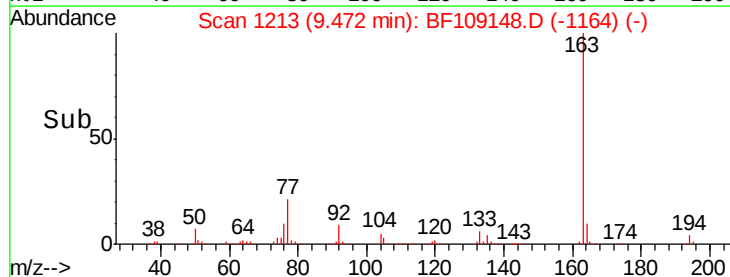
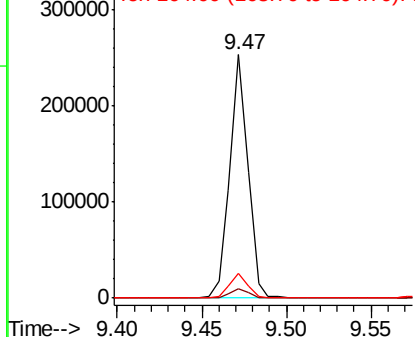


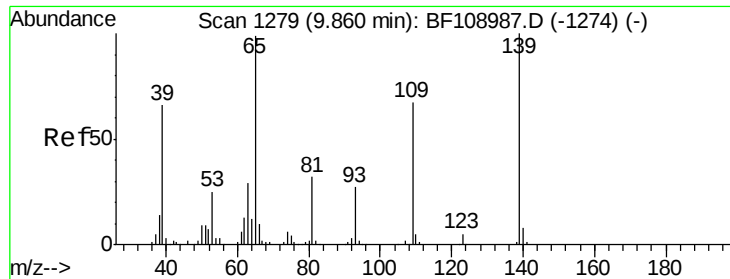
#49
Dimethylphthalate
Concen: 12.200 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Tgt Ion:163 Resp: 187352
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2



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

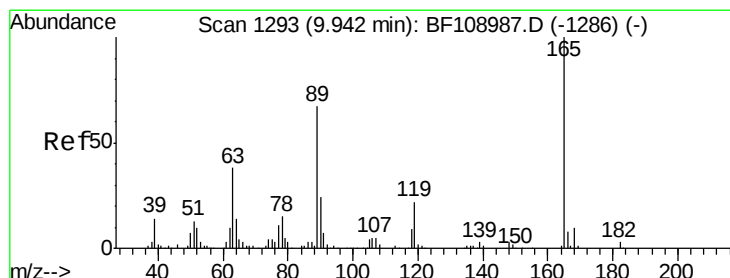
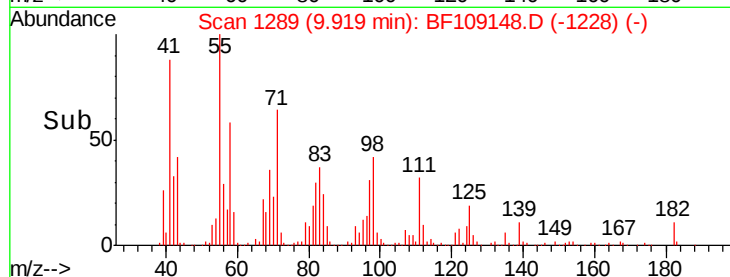
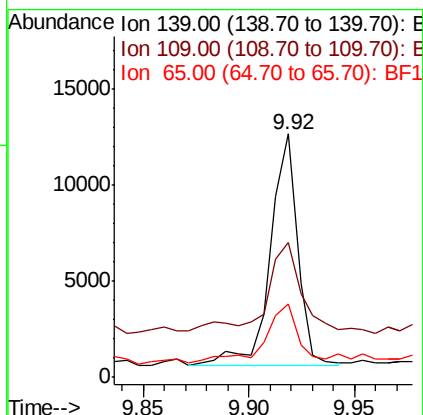
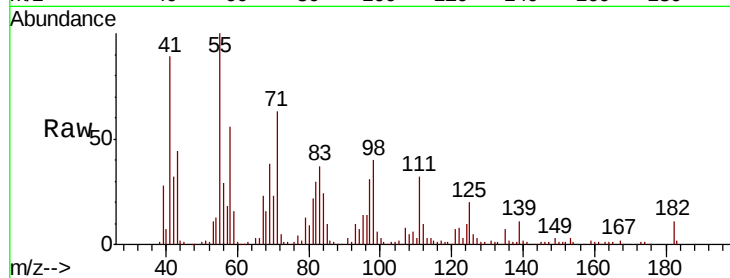




#55
4-Nitrophenol
Concen: 3.694 ng
RT: 9.92 min Scan# 1289
Delta R.T. 0.06 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

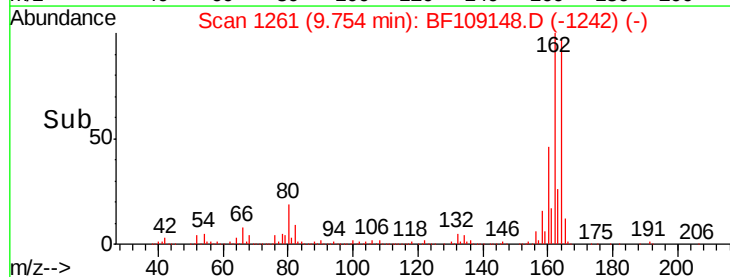
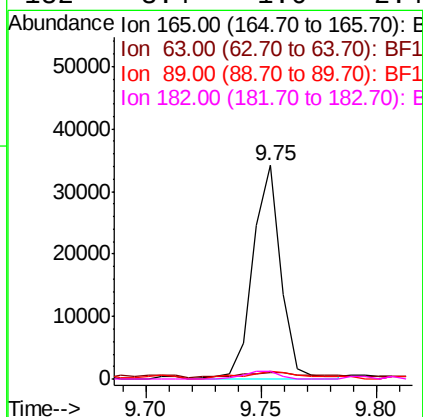
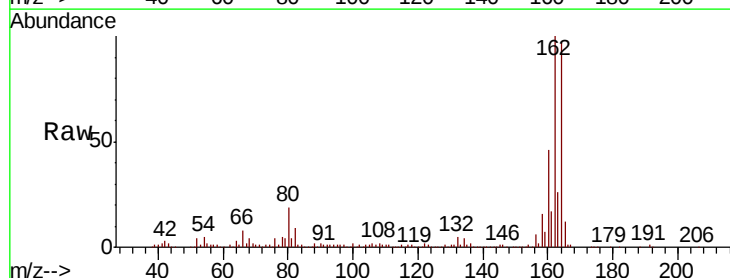
Instrument :
BNA_F
ClientSampleId :

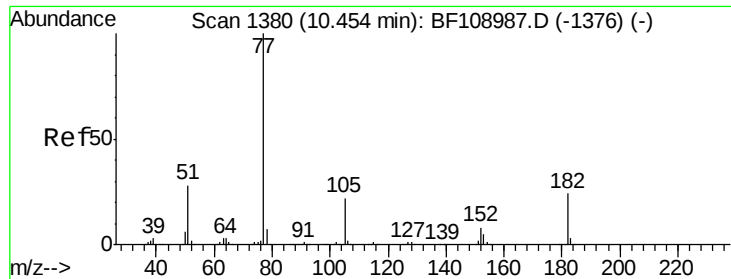
Tot Ion:139 Resp: 10915
Ion Ratio Lower Upper
139 100
109 55.4 48.4 88.4
65 30.1 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.550 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Tgt Ion:165 Resp: 29175
Ion Ratio Lower Upper
165 100
63 3.1 36.4 54.6#
89 3.4 57.8 86.6#
182 3.4 1.6 2.4#





#62

Azobenzene

Concen: 2.291 ng

RT: 10.48 min Scan# 1385

Delta R.T. 0.03 min

Lab File: BF109148.D

Acq: 19 Sep 2018 17:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 36362

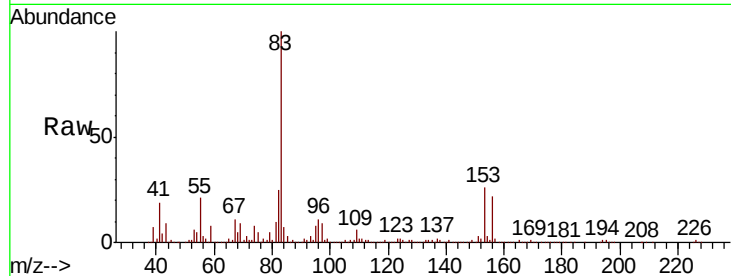
Ion Ratio Lower Upper

77 100

182 0.0 1.7 41.7#

105 39.6 3.0 43.0

51 37.0 9.9 49.9

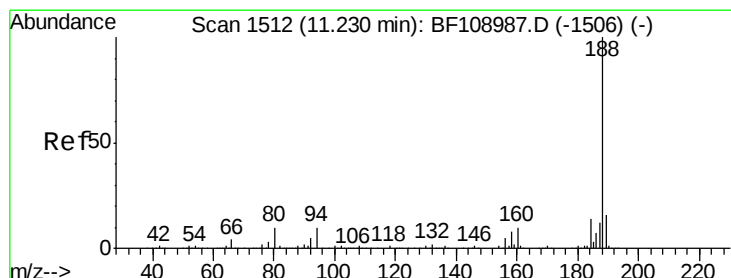
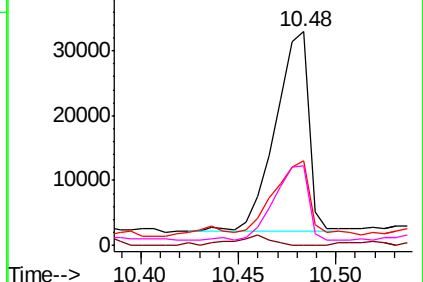
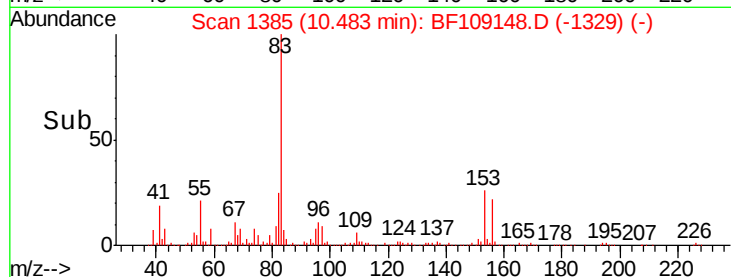


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF109148.D

Acq: 19 Sep 2018 17:22

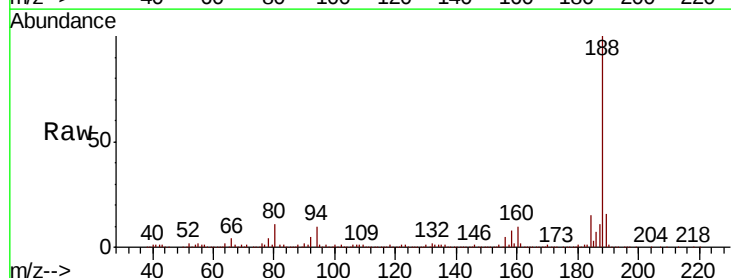
Tgt Ion: 188 Resp: 356757

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

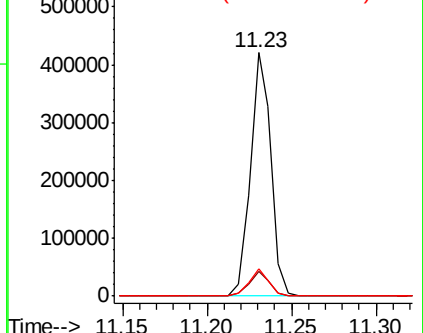
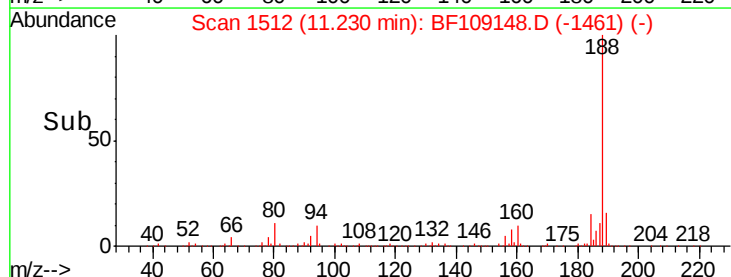
80 11.2 9.2 13.8

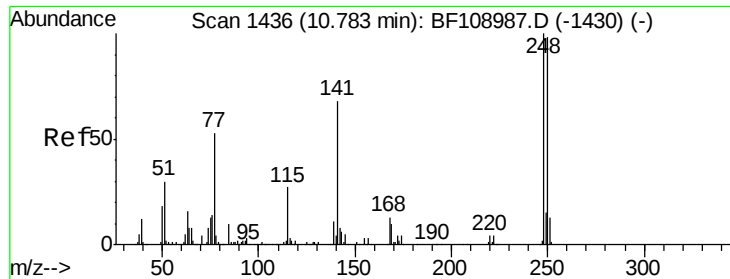


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

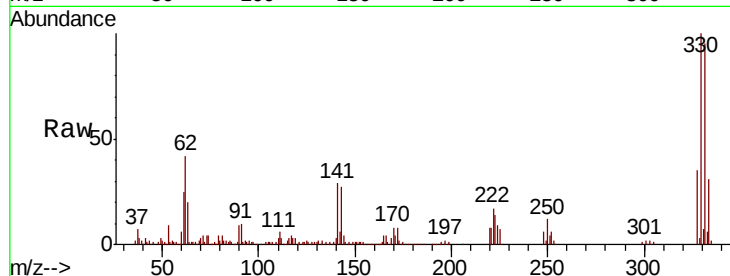




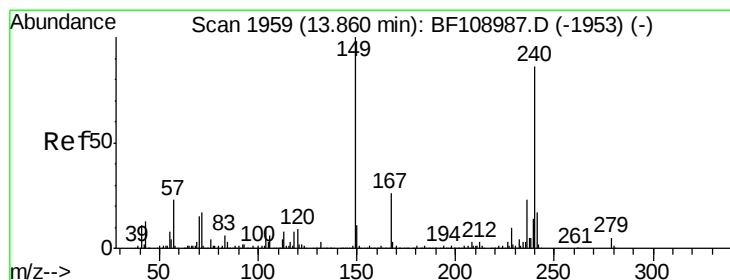
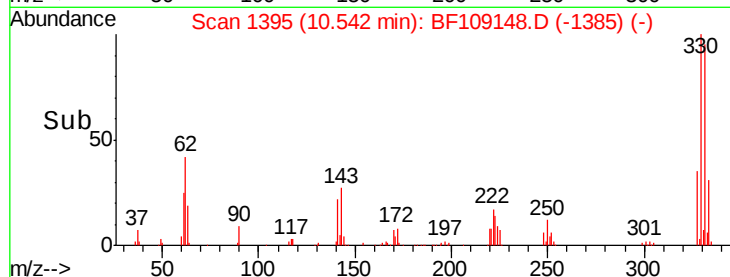
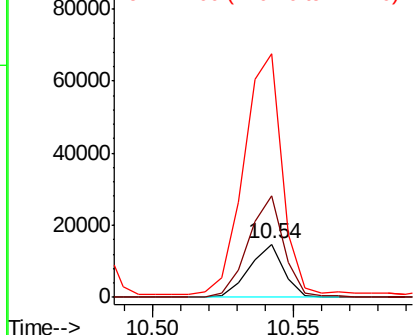
#66
4-Bromophenyl-phenylether
Concen: 3.078 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.24 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12378
Ion Ratio Lower Upper
248 100
250 192.4 76.9 115.3#
141 460.2 74.4 111.6#

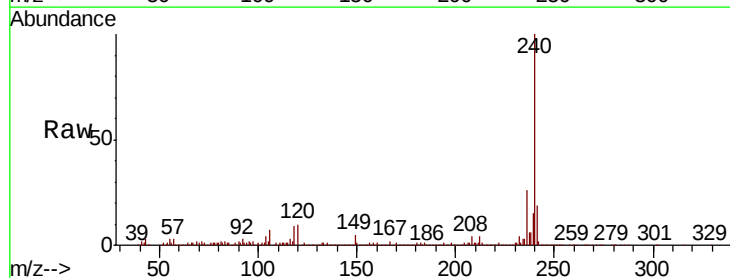


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

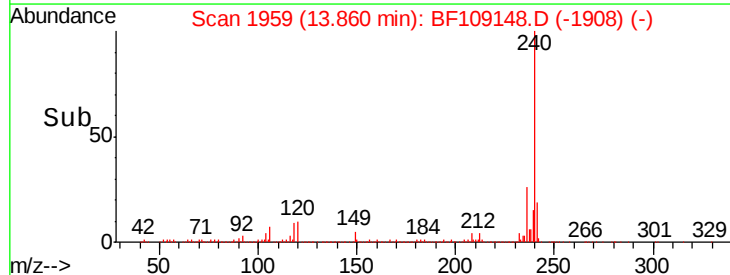
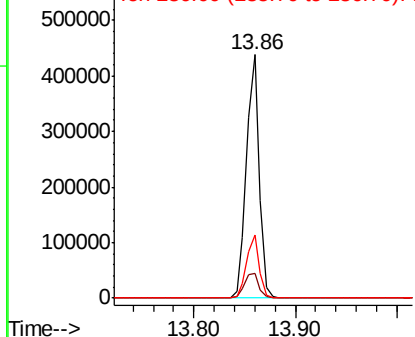


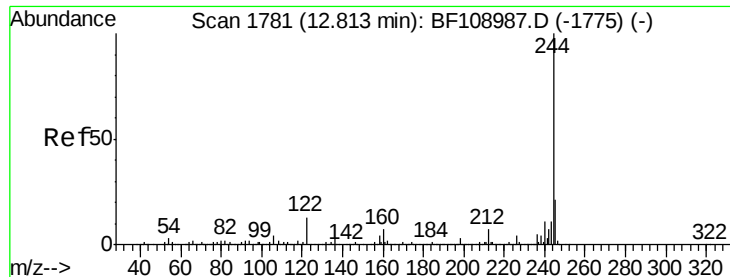
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Tgt Ion:240 Resp: 386676
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.0 20.7 31.1



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





#78

Terphenyl-d14

Concen: 56.139 ng

RT: 12.82 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF109148.D

Acq: 19 Sep 2018 17:22

Instrument :

BNA_F

ClientSampleId :

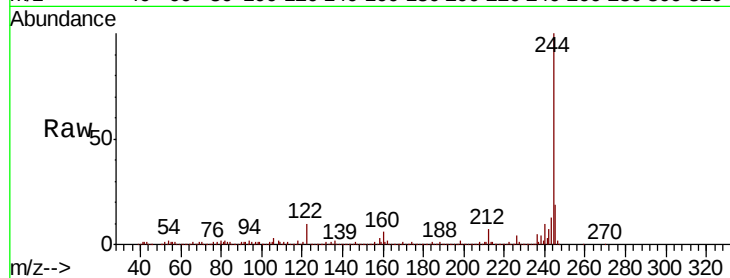
Tot Ion:244 Resp: 915823

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

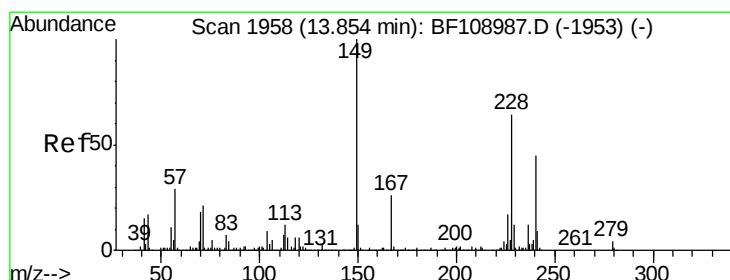
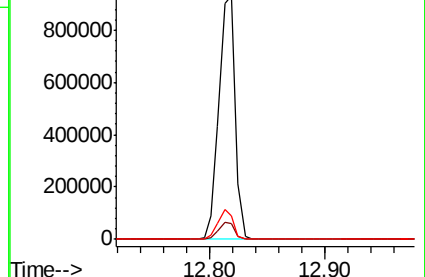
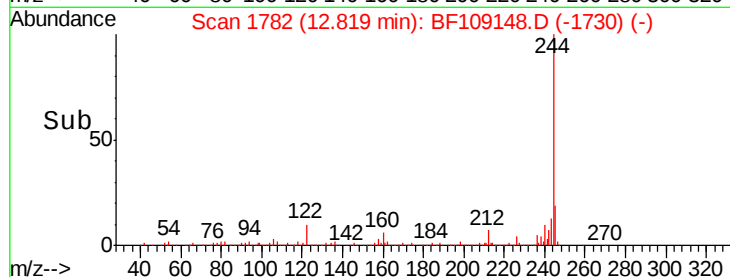
122 9.9 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.032 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BF109148.D

Acq: 19 Sep 2018 17:22

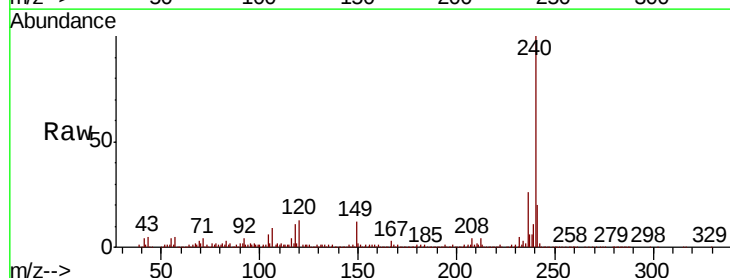
Tgt Ion:149 Resp: 31558

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

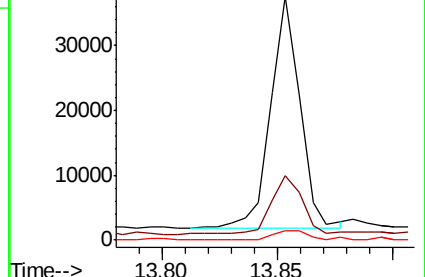
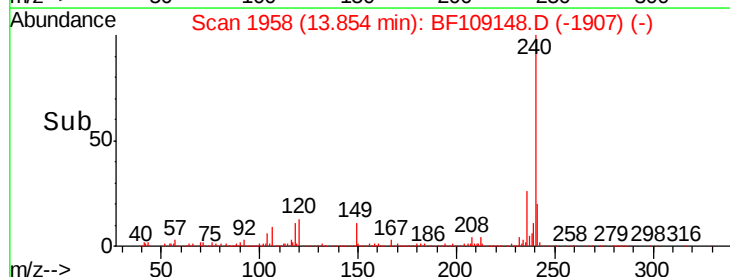
279 3.6 3.0 4.4

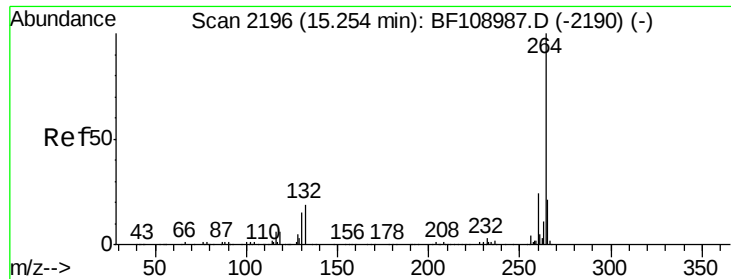


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109148.D
Acq: 19 Sep 2018 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3

