

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109117.D
 Acq On : 19 Sep 2018 00:59
 Operator : JU/SJ
 Sample : J4930-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 04:06:27 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

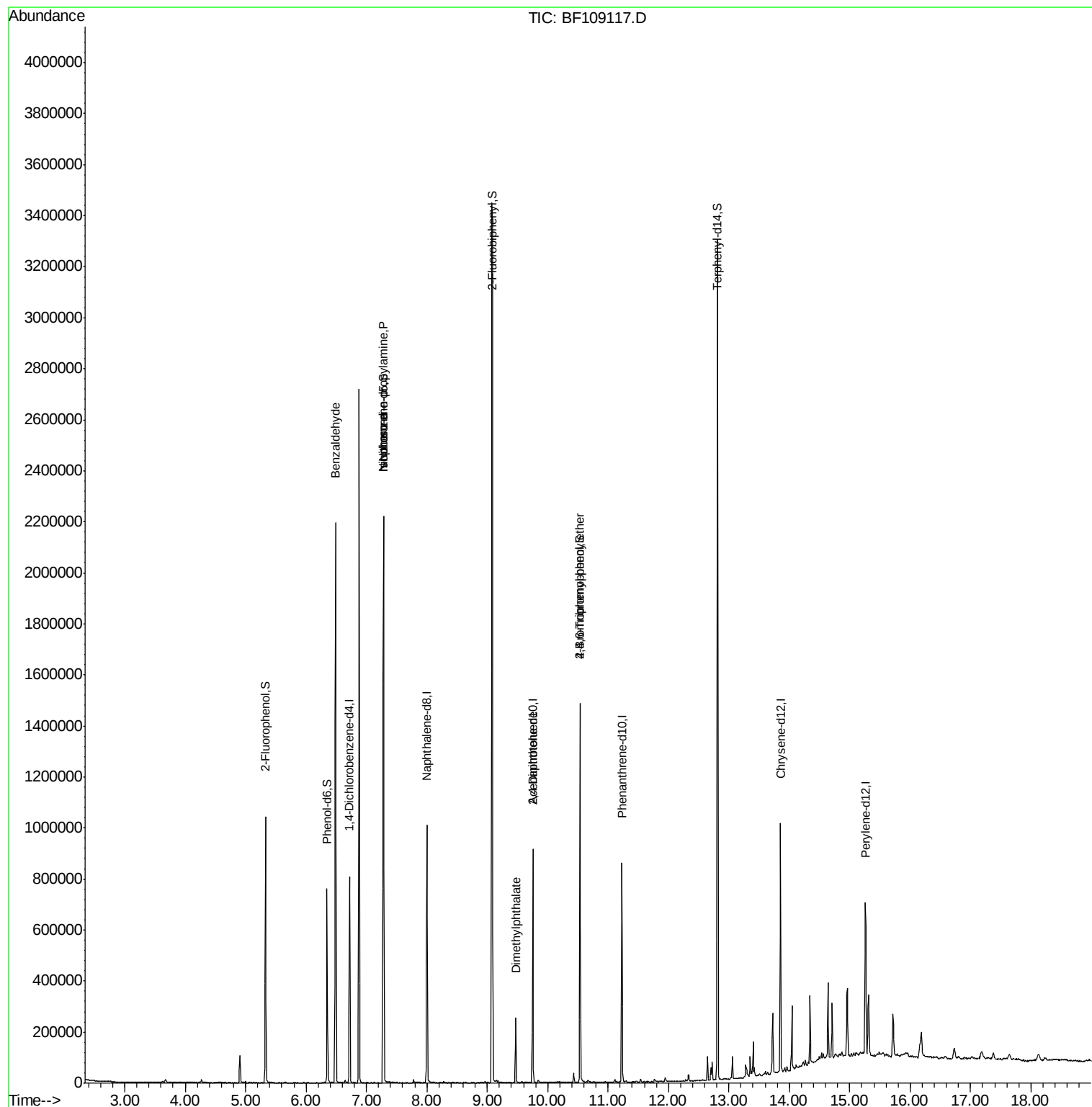
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121814	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	419164	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	172120	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	292436	20.00	ng	0.00
75) Chrysene-d12	13.85	240	315618	20.00	ng	0.00
86) Perylene-d12	15.26	264	260669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	305227	41.62	ng	0.00
7) Phenol-d6	6.35	99	244613	25.87	ng	-0.01
23) Nitrobenzene-d5	7.28	82	709119	94.89	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	168090	89.99	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1159171	105.51	ng	0.00
78) Terphenyl-d14	12.81	244	1162738	87.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	12167	2.014	ng	# 79
19) n-Nitroso-di-n-propylamine	7.28	70	95767	15.320	ng	# 77
25) Isophorone	7.28	82	709112	55.199	ng	# 64
49) Dimethylphthalate	9.47	163	97571	7.931	ng	# 99
56) 2,4-Dinitrotoluene	9.75	165	21324	5.977	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	10085	3.059	ng	# 1

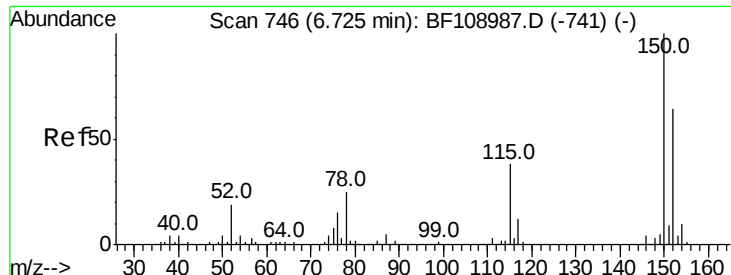
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 13:26:52 2018
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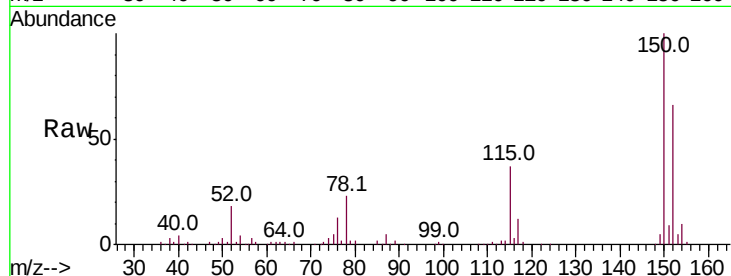


#1

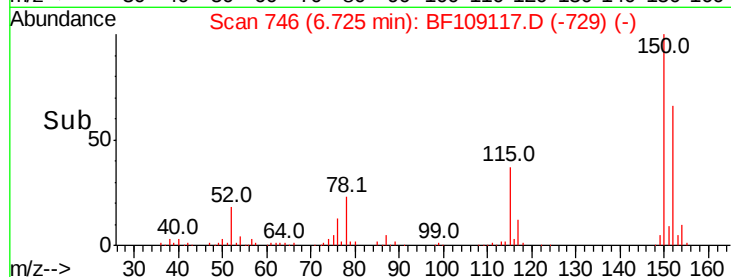
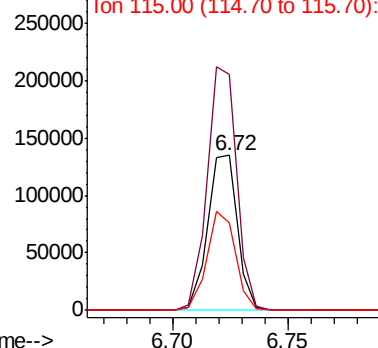
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121814
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 56.3 50.1 75.1



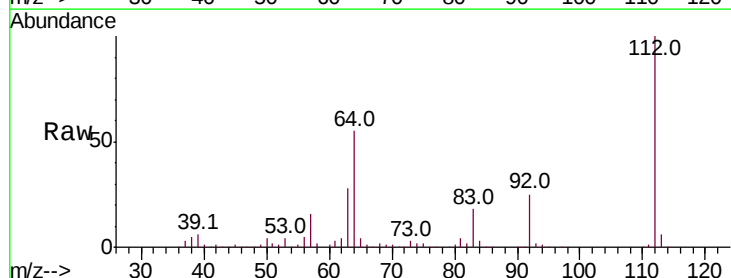
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



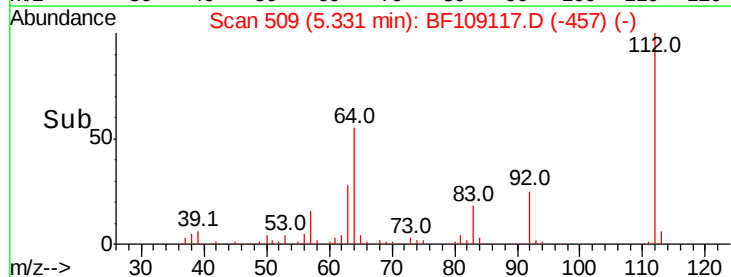
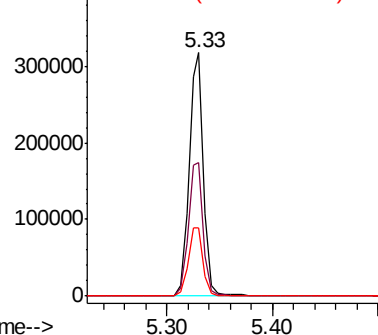
#5

2-Fluorophenol
Concen: 41.616 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Tgt Ion:112 Resp: 305227
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 28.1 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: 25.865 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Instrument :

BNA_F

ClientSampleId :

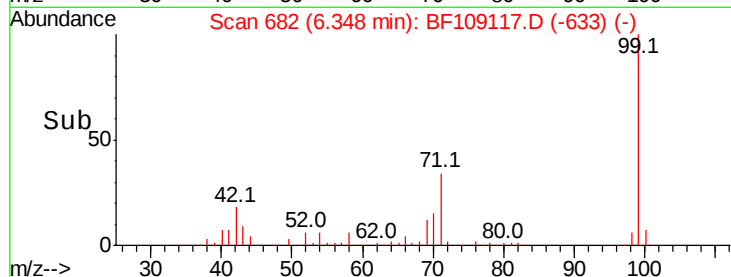
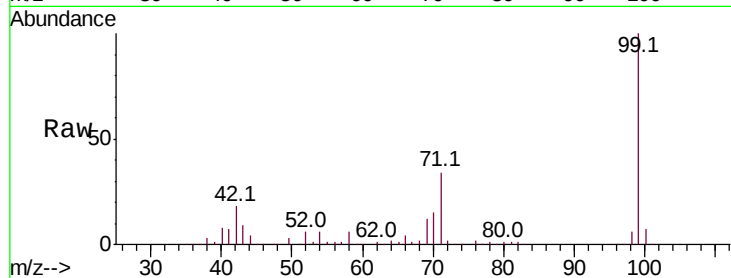
Tot Ion: 99 Resp: 244613

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

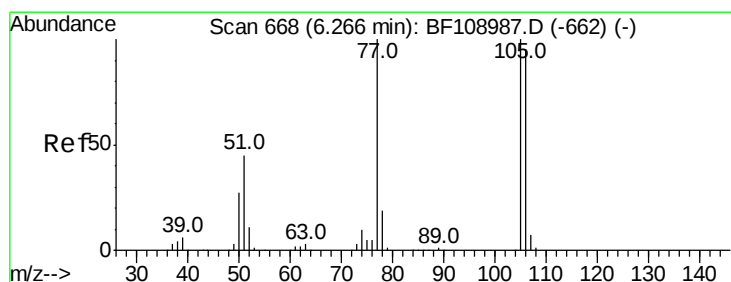
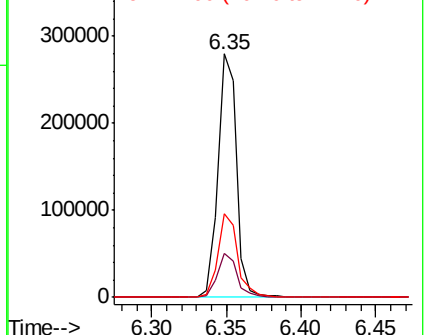
71 34.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.014 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

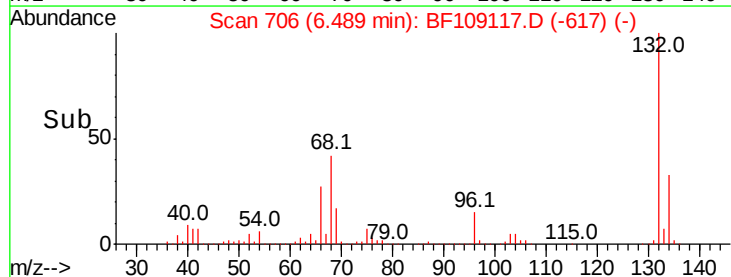
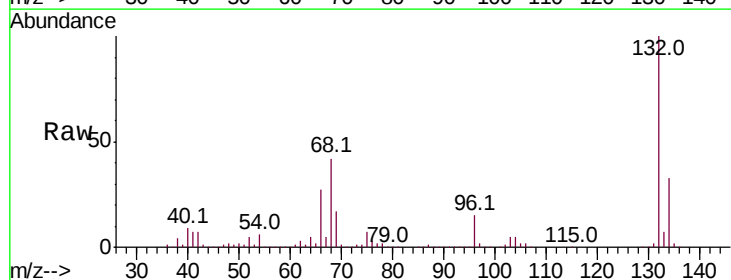
Tgt Ion: 77 Resp: 12167

Ion Ratio Lower Upper

77 100

105 81.4 81.1 121.1

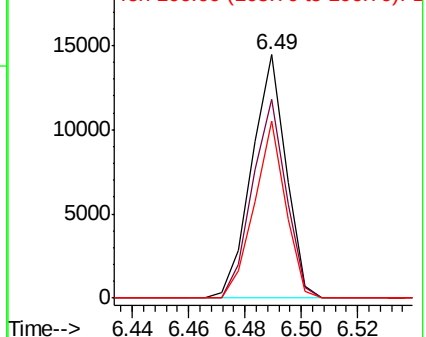
106 72.6 74.5 114.5#

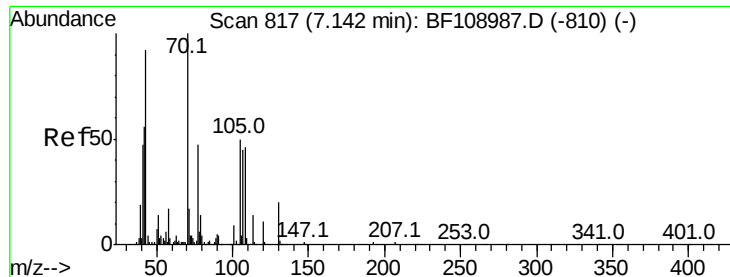


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.320 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 95767

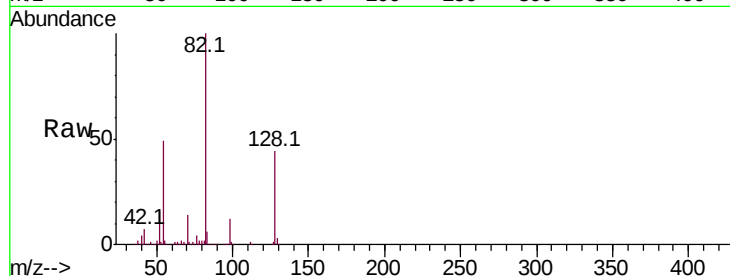
Ion Ratio Lower Upper

70 100

42 47.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

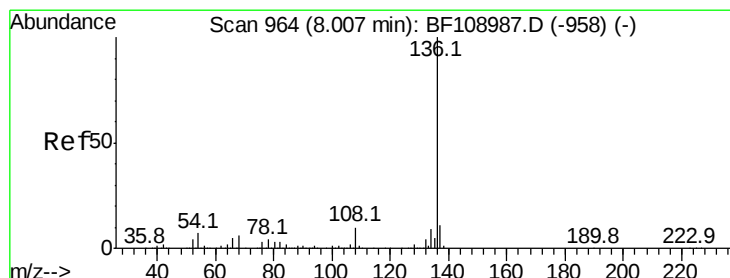
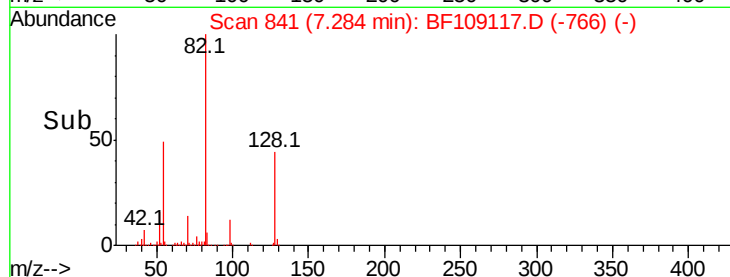
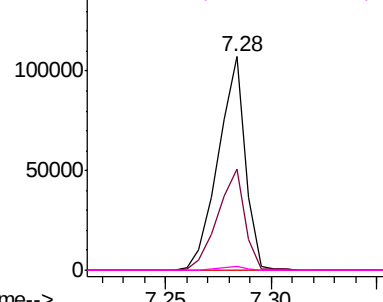


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109117.D

Acq: 19 Sep 2018 00:59

Tgt Ion:136 Resp: 419164

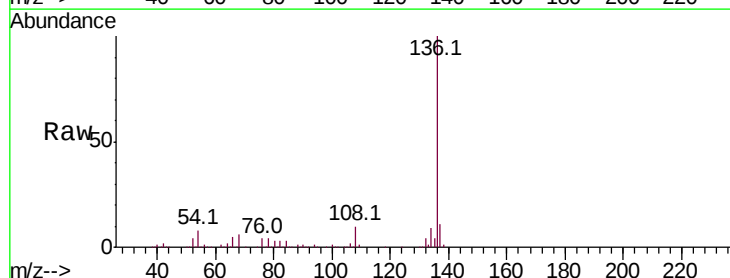
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

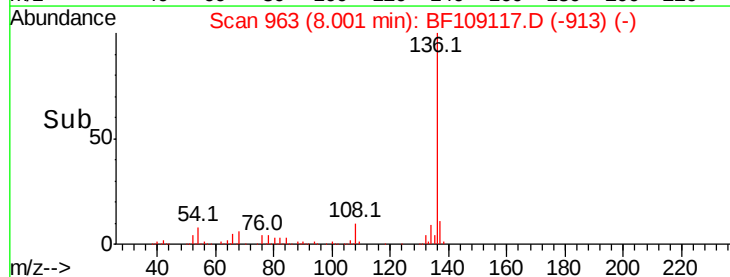
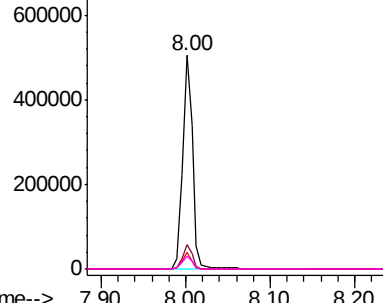


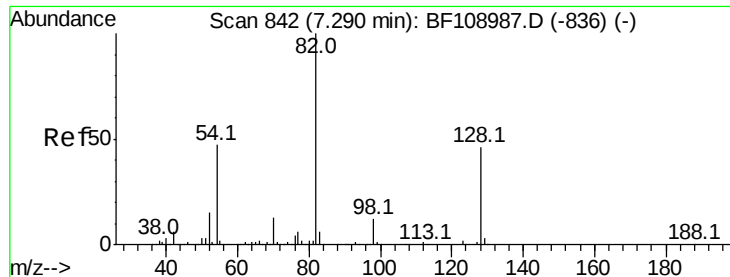
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

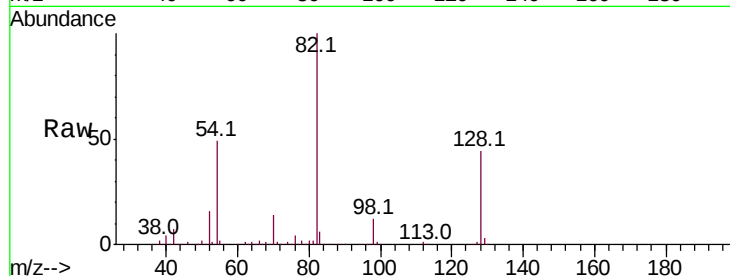




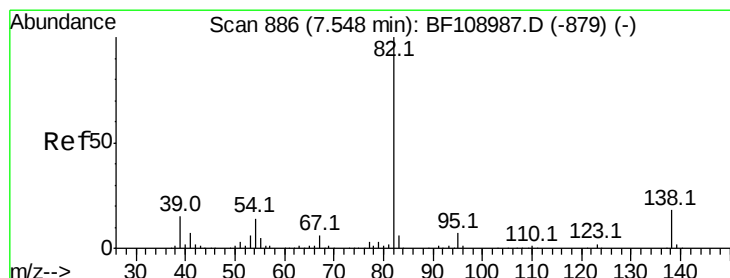
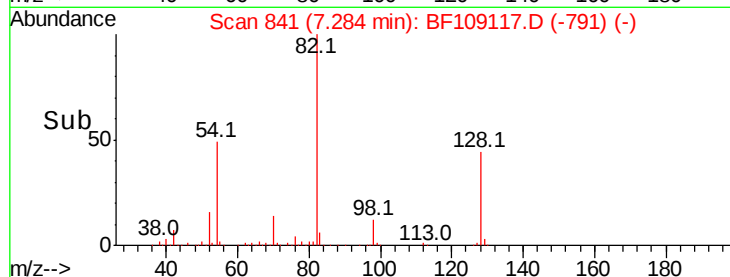
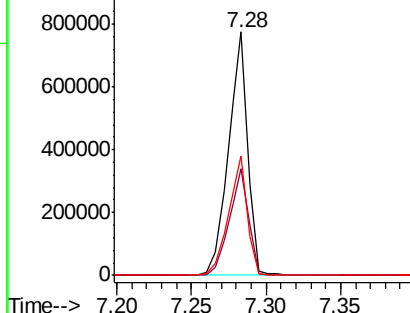
#23
Nitrobenzene-d5
Concen: 94.887 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 709119
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 49.3 41.4 62.2

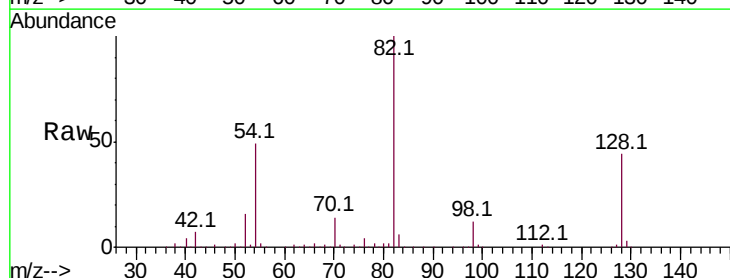


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

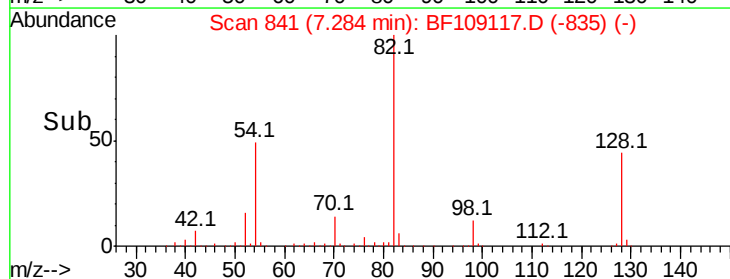
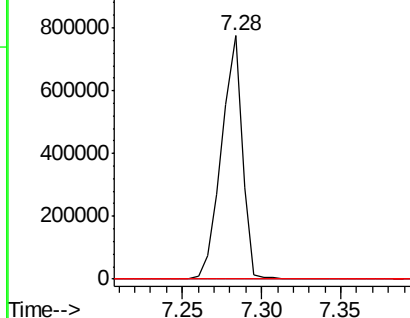


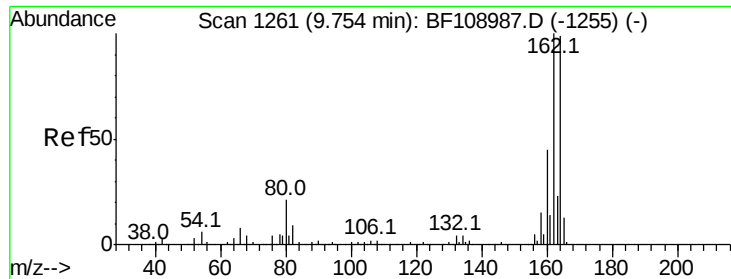
#25
Isophorone
Concen: 55.199 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Tgt Ion: 82 Resp: 709112
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

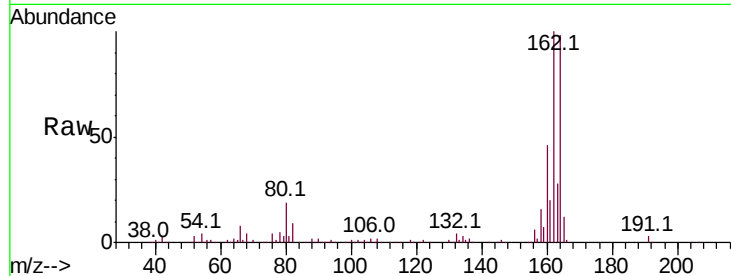




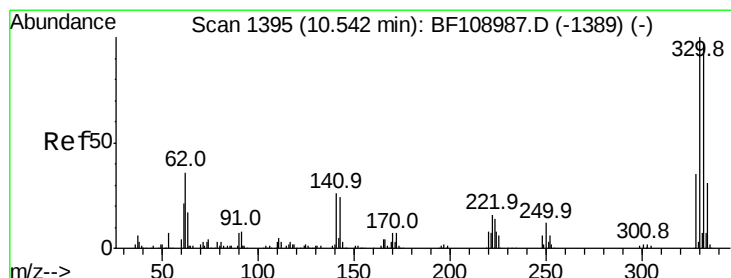
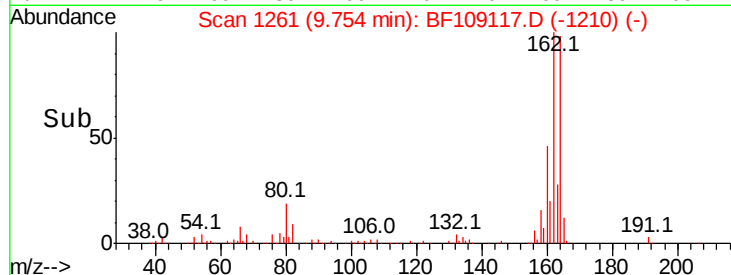
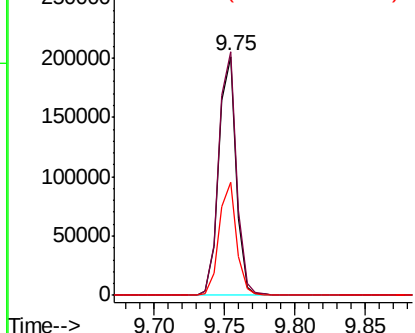
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 172120
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 47.3 38.3 57.5

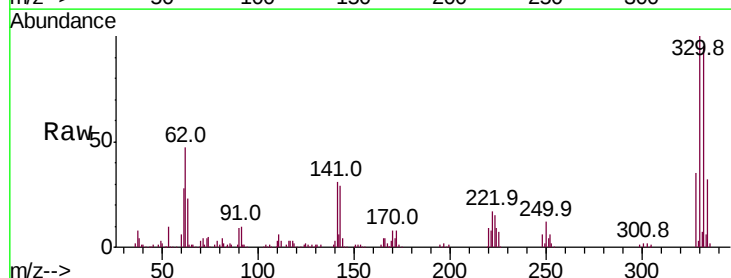


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

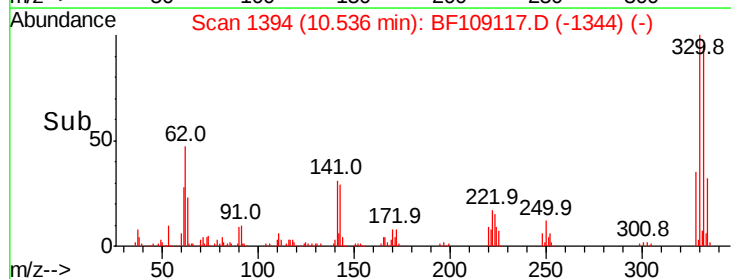
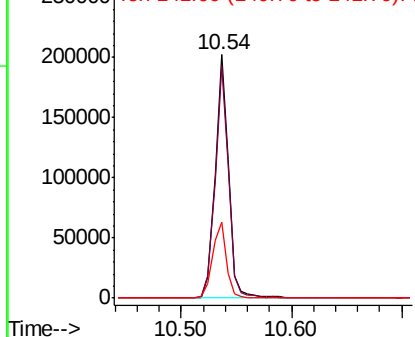


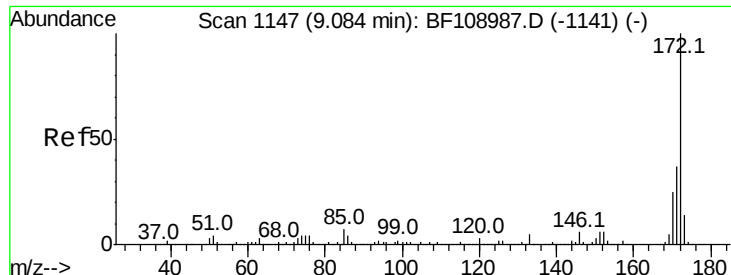
#41
 2,4,6-Tribromophenol
 Concen: 89.986 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Tgt Ion:330 Resp: 168090
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 31.9 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

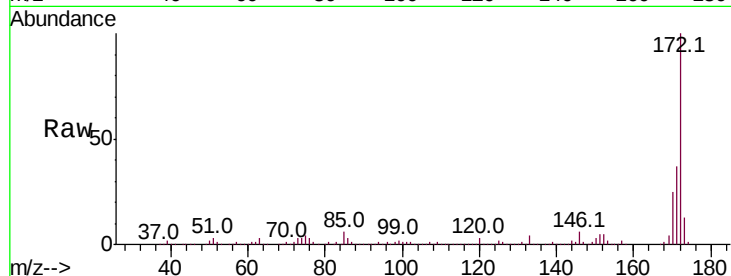




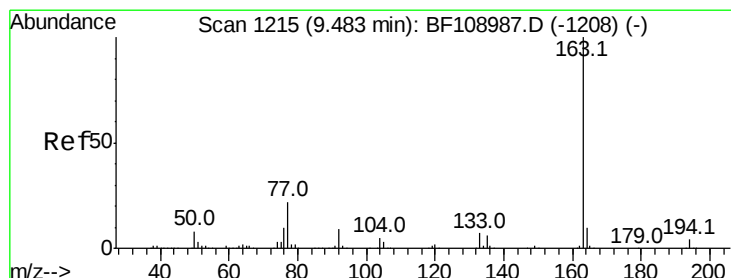
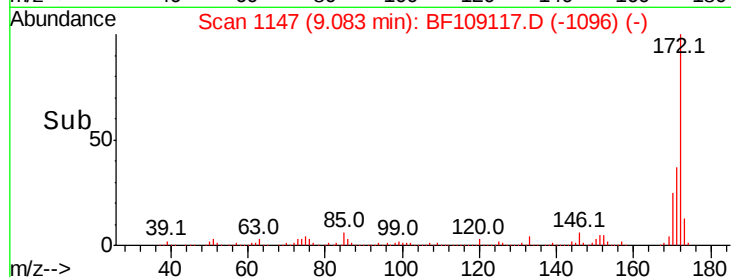
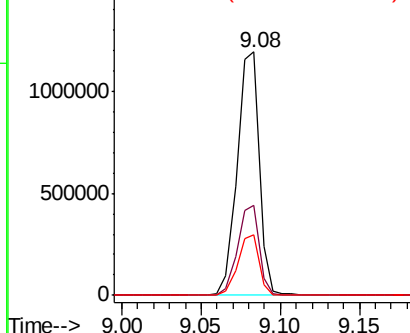
#44
2-Fluorobiphenyl
Concen: 105.514 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1159171
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.7 19.6 29.4

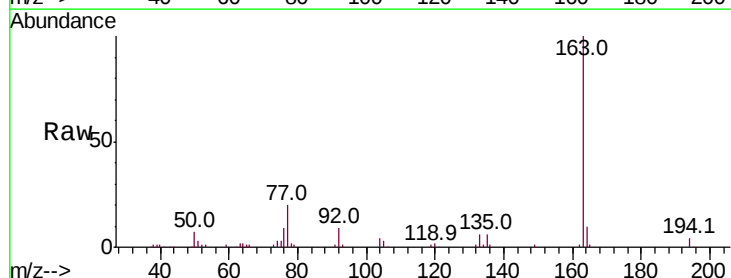


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

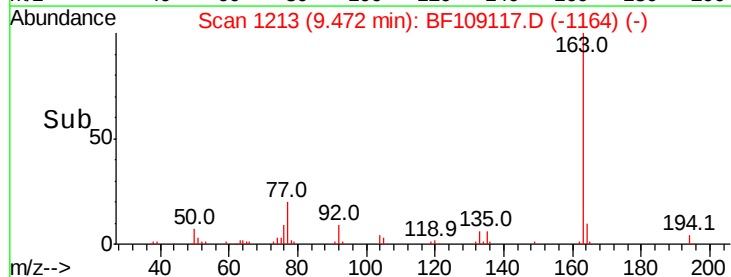
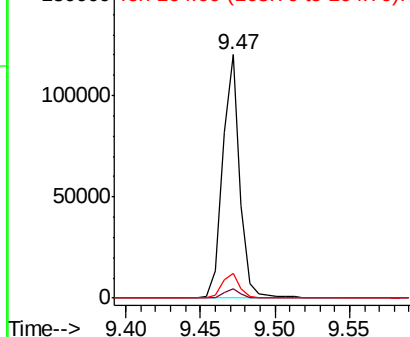


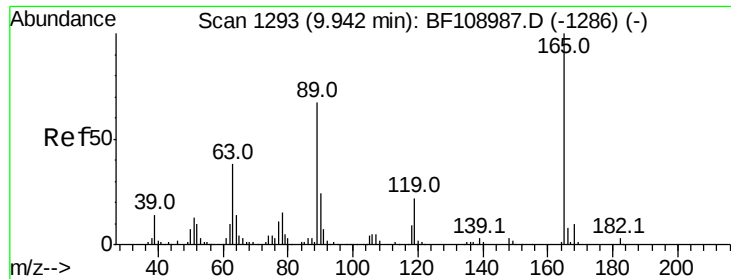
#49
Dimethylphthalate
Concen: 7.931 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Tgt Ion:163 Resp: 97571
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

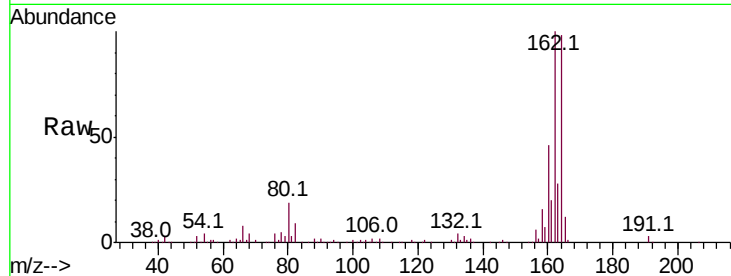




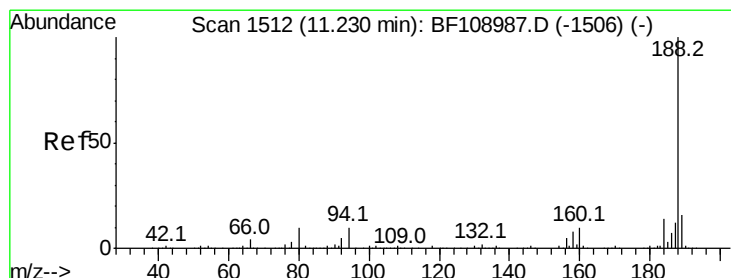
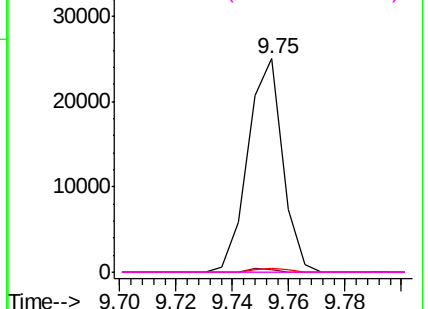
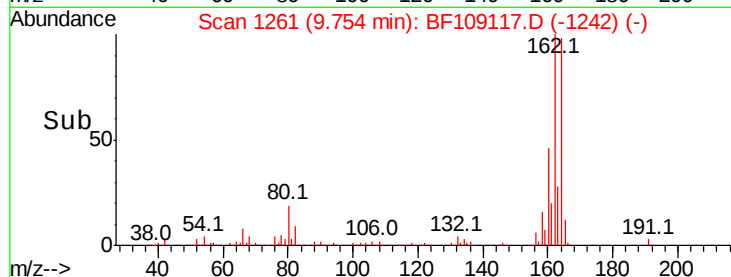
#56
 2,4-Dinitrotoluene
 Concen: 5.977 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.19 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

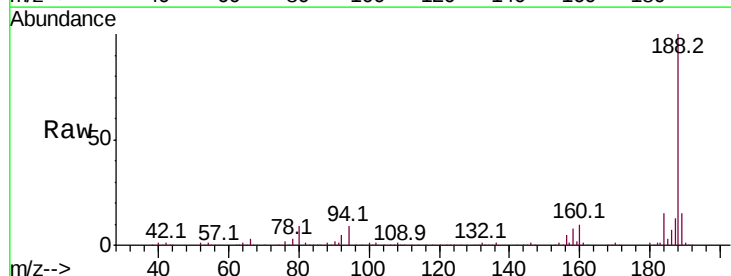


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

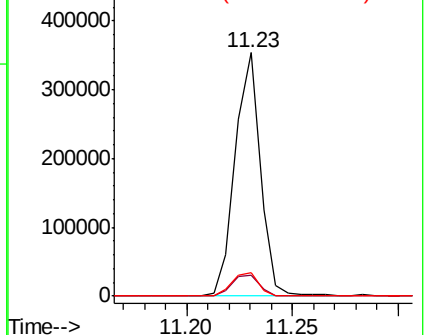
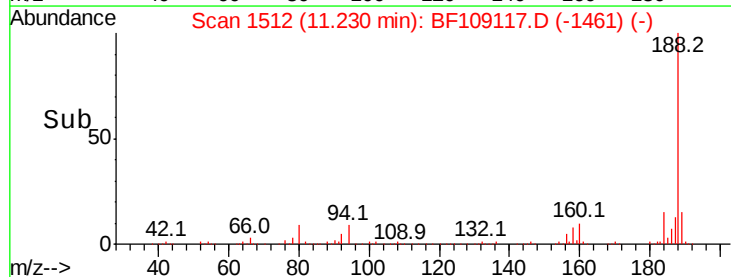


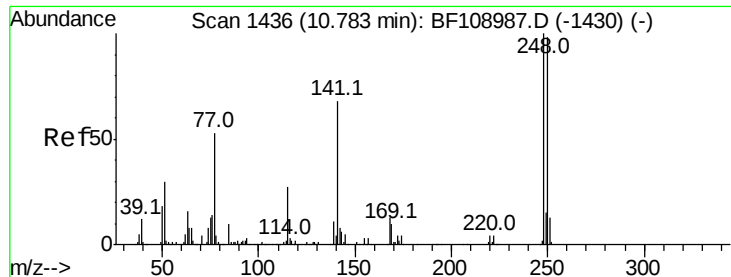
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.4	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

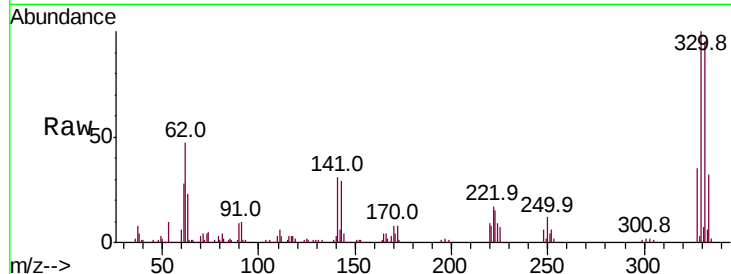




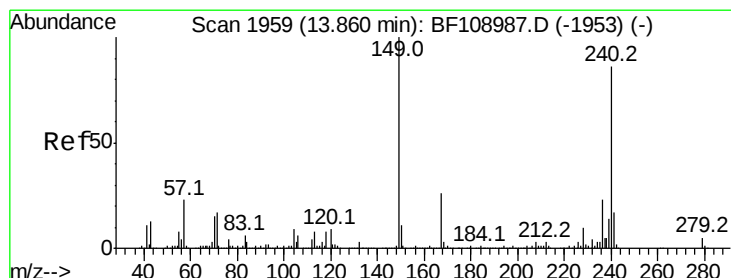
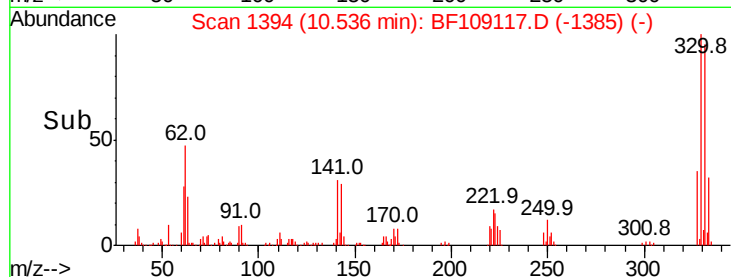
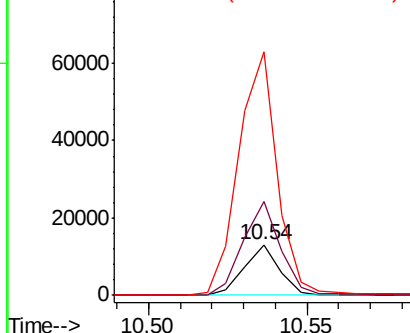
#66
4-Bromophenyl-phenylether
Concen: 3.059 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10085
Ion Ratio Lower Upper
248 100
250 186.4 76.9 115.3#
141 483.6 74.4 111.6#

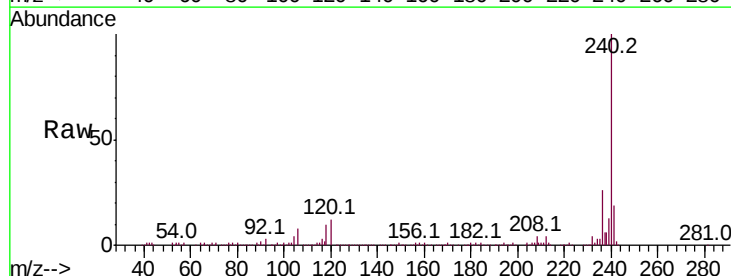


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

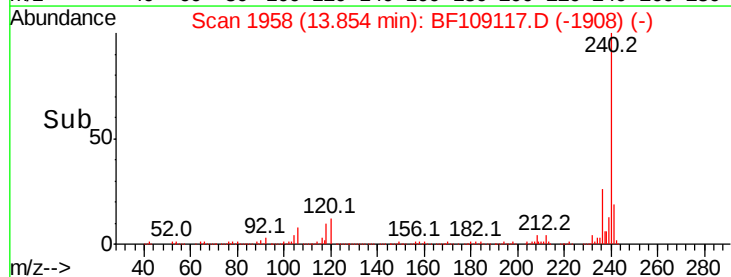
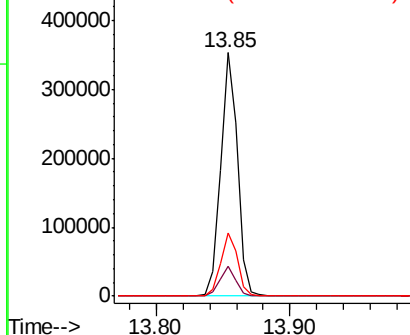


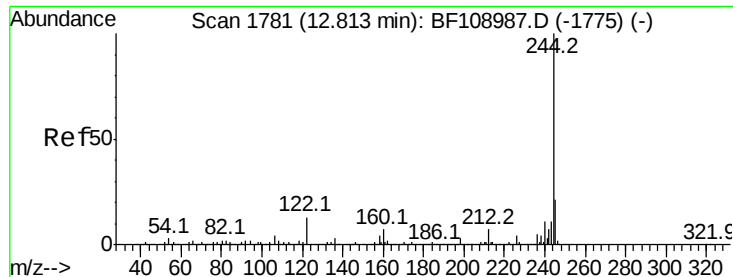
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109117.D
Acq: 19 Sep 2018 00:59

Tgt Ion:240 Resp: 315618
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 25.8 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



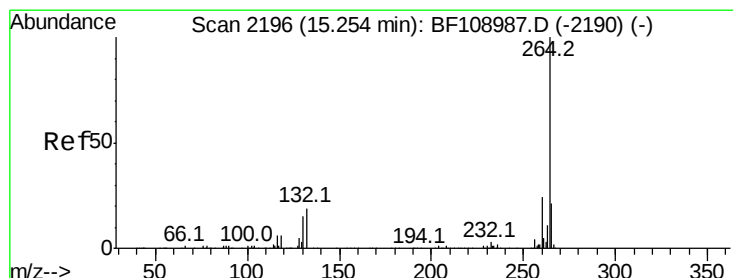
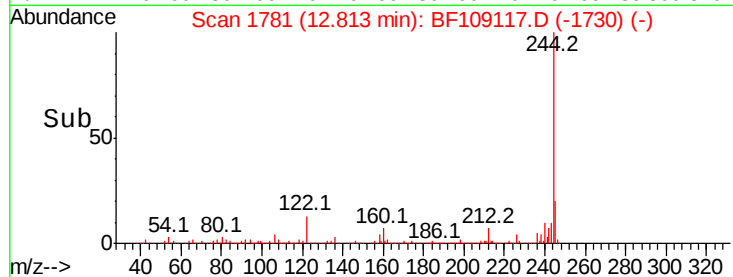
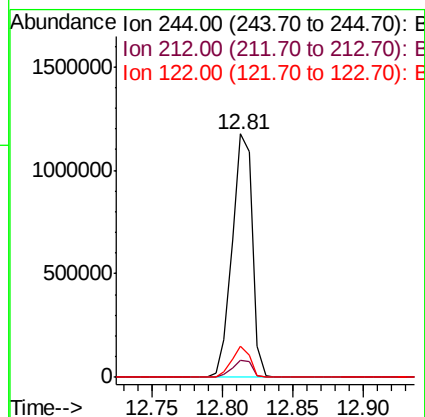
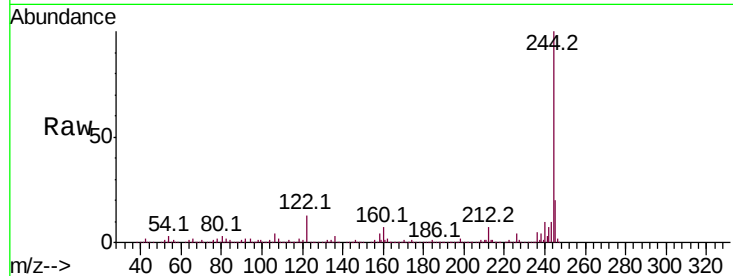


#78
 Terphenyl-d14
 Concen: 87.321 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1162738

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109117.D
 Acq: 19 Sep 2018 00:59

Tgt Ion:264 Resp: 260669

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3

