

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109149.D
 Acq On : 19 Sep 2018 17:49
 Operator : JU/SJ
 Sample : J4983-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 18:28:44 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

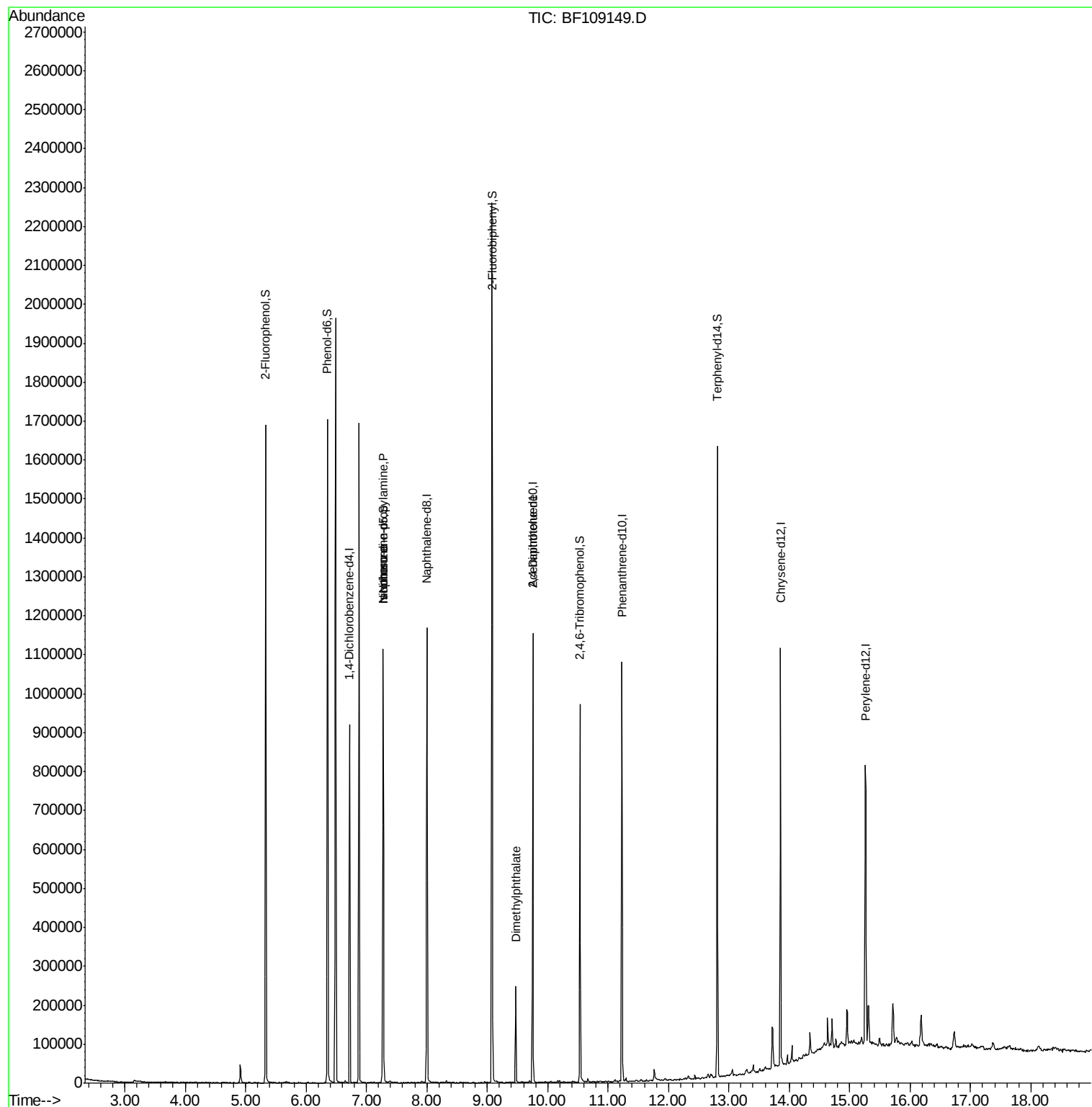
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135556	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	505322	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	216010	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	363439	20.00	ng	0.00
75) Chrysene-d12	13.85	240	351513	20.00	ng	0.00
86) Perylene-d12	15.26	264	328464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	459299	56.28	ng	0.00
7) Phenol-d6	6.35	99	589833	56.05	ng	0.00
23) Nitrobenzene-d5	7.28	82	339092	37.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	116611	49.74	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	661565	47.98	ng	0.00
78) Terphenyl-d14	12.81	244	565717	38.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	44279	6.365	ng	# 76
25) Isophorone	7.28	82	339085	21.895	ng	# 64
49) Dimethylphthalate	9.47	163	94522	6.122	ng	99
56) 2,4-Dinitrotoluene	9.75	165	26738	5.971	ng	# 23

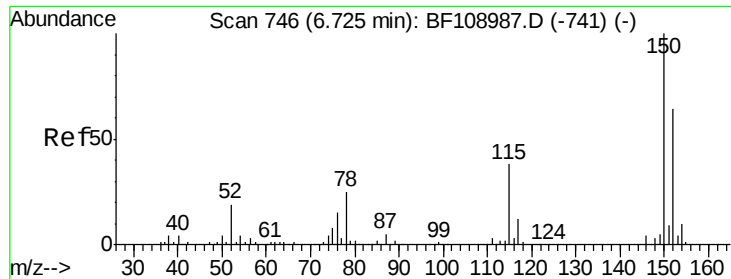
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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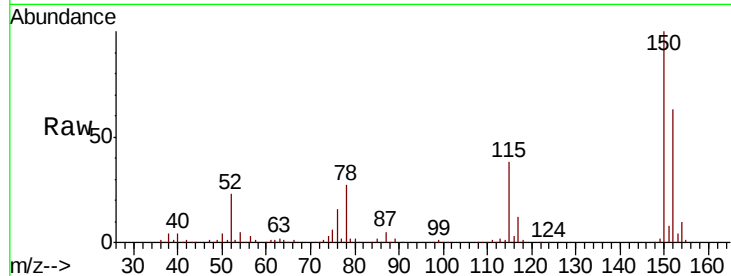


#1

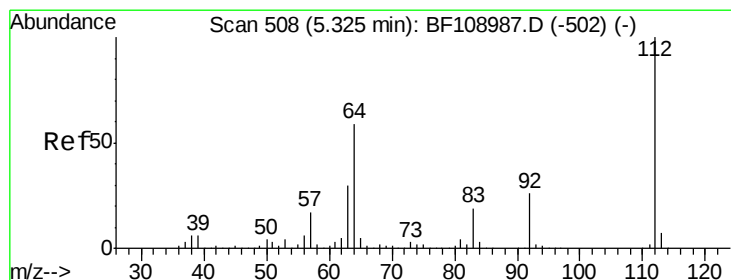
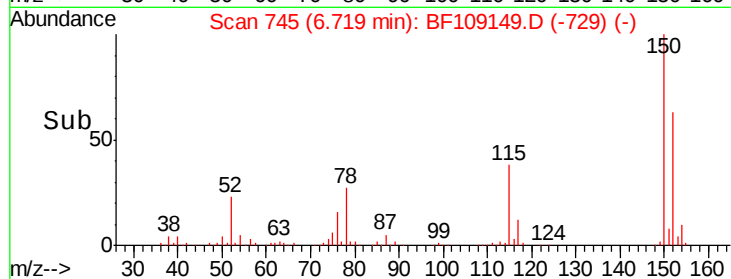
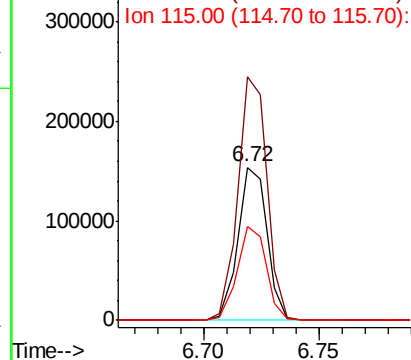
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135556
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 61.2 50.1 75.1



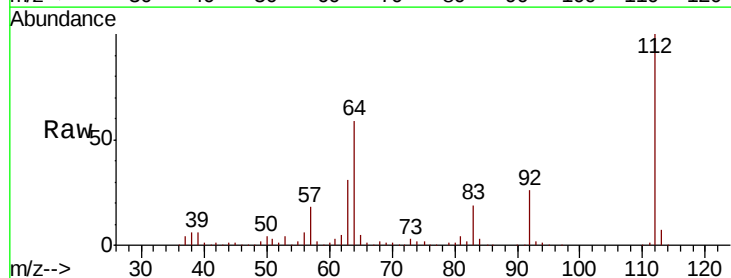
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



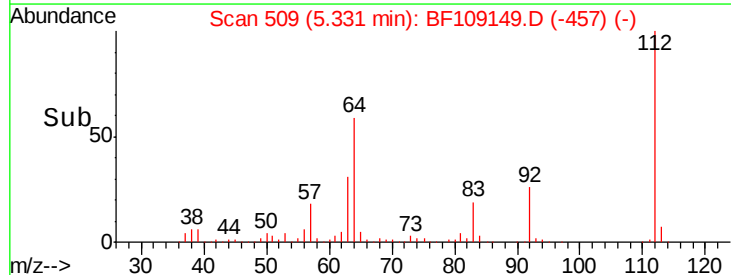
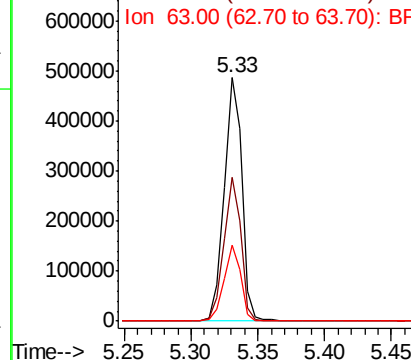
#5

2-Fluorophenol
Concen: 56.275 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Tgt Ion:112 Resp: 459299
Ion Ratio Lower Upper
112 100
64 59.1 47.9 71.9
63 31.1 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: 56.046 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109149.D

Acq: 19 Sep 2018 17:49

Instrument :

BNA_F

ClientSampled :

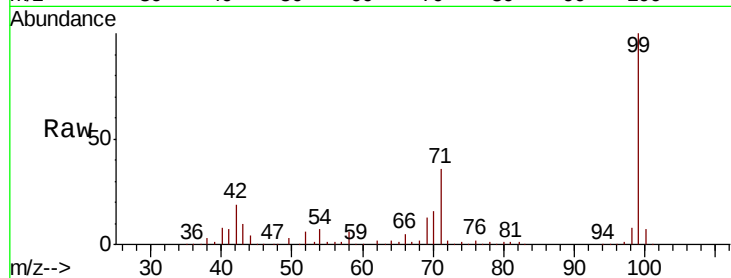
Tot Ion: 99 Resp: 589833

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

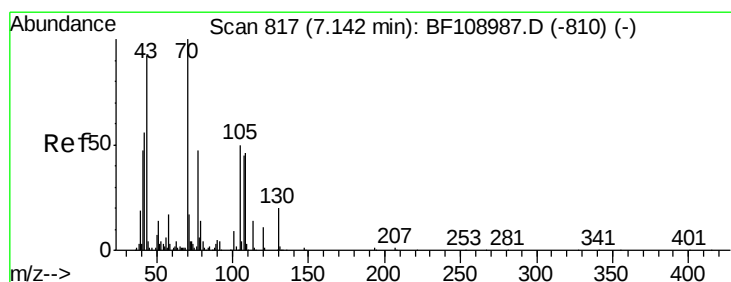
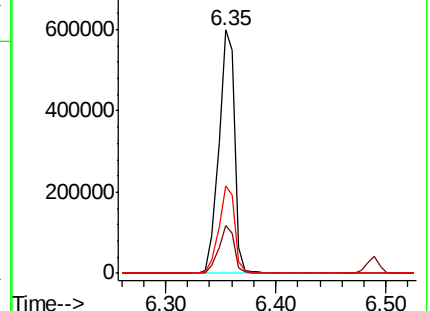
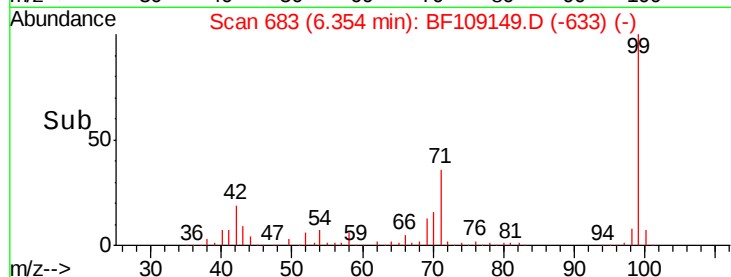
71 35.7 25.4 38.0



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: 6.365 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109149.D

Acq: 19 Sep 2018 17:49

Tgt Ion: 70 Resp: 44279

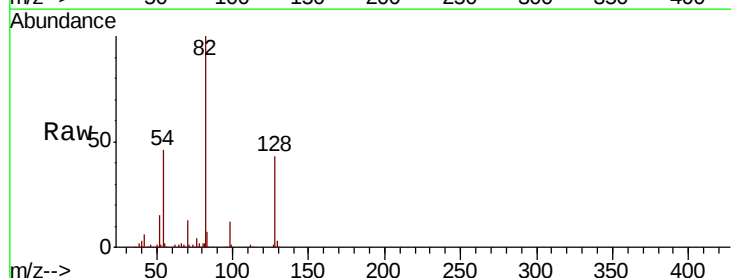
Ion Ratio Lower Upper

70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

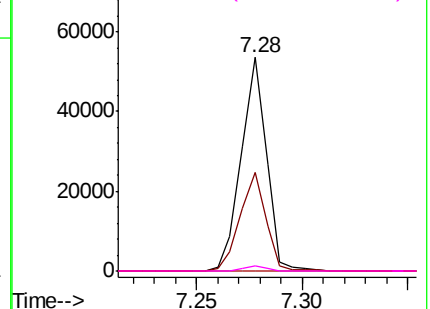
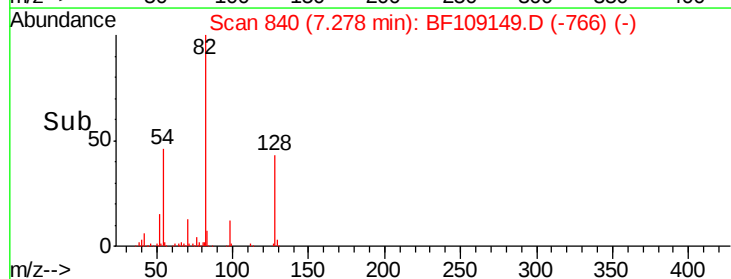


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

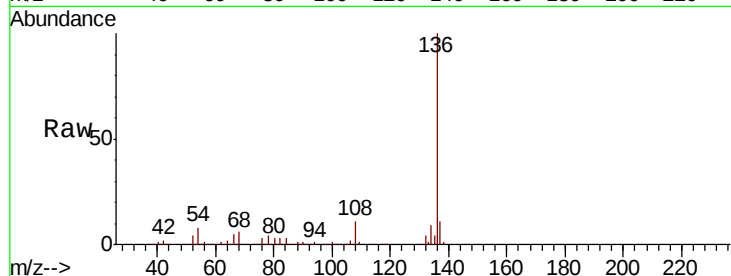




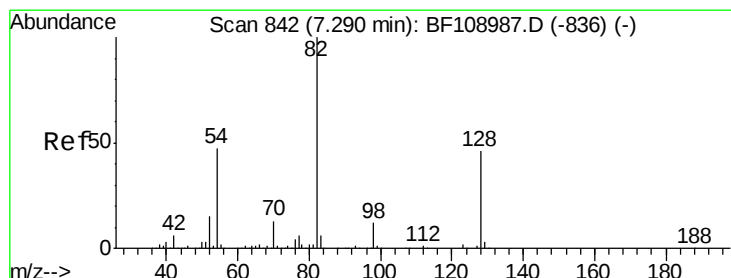
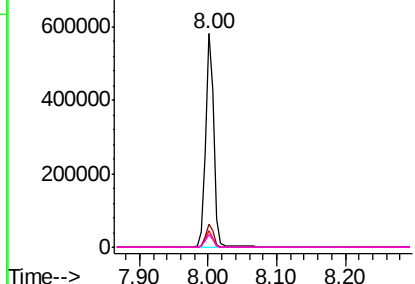
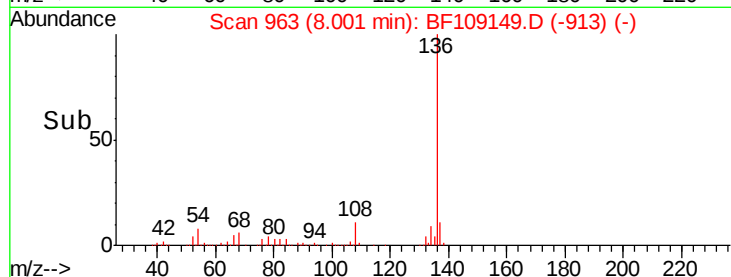
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	505322
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.5	6.6 9.8
68	5.9	5.0 7.4

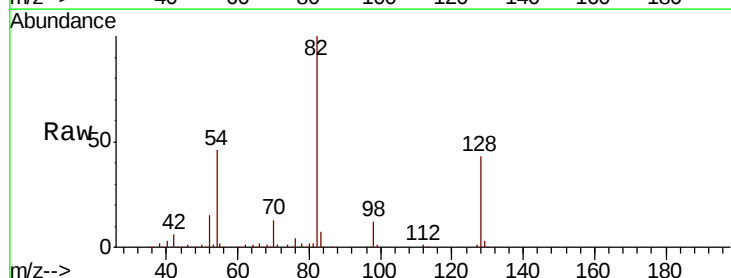


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

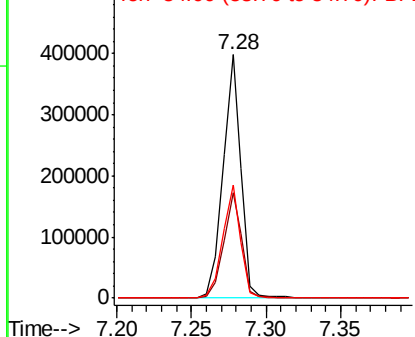
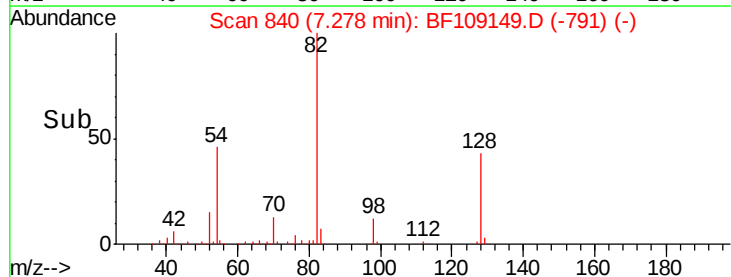


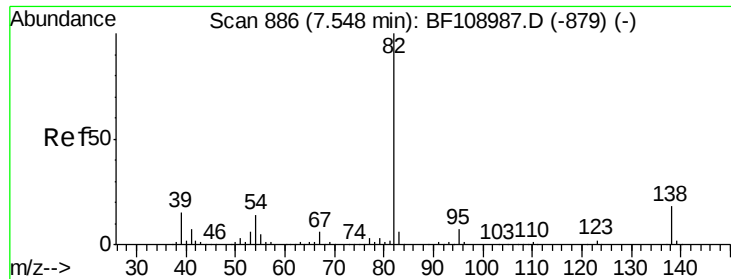
#23
Nitrobenzene-d5
Concen: 37.638 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Tgt Ion: 82	Resp:	339092
Ion	Ratio	Lower Upper
82	100	
128	43.1	36.1 54.1
54	46.3	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: 21.895 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109149.D

Acq: 19 Sep 2018 17:49

Instrument :

BNA_F

ClientSampleId :

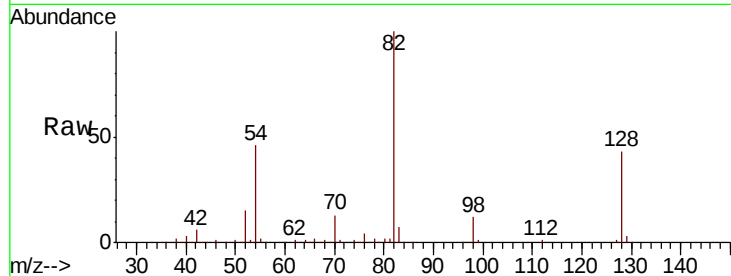
Tot Ion: 82 Resp: 339085

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

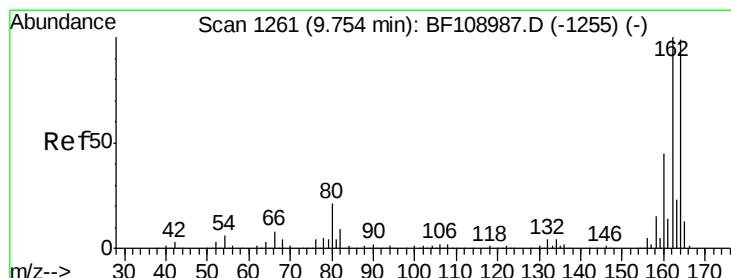
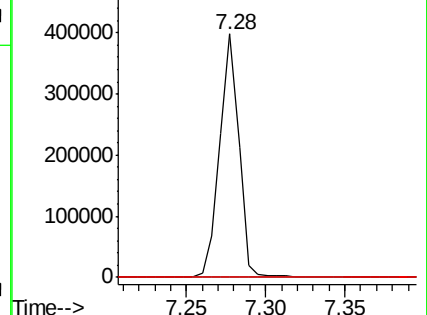
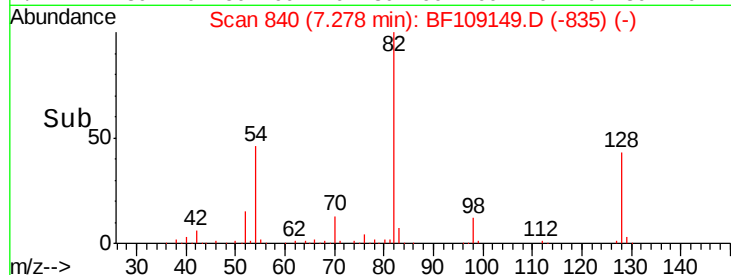
138 0.0 14.9 22.3#



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: BF109149.D

Acq: 19 Sep 2018 17:49

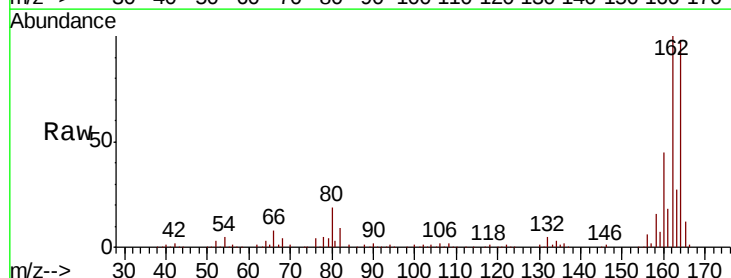
Tgt Ion: 164 Resp: 216010

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

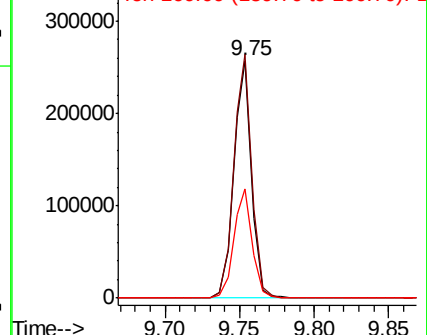
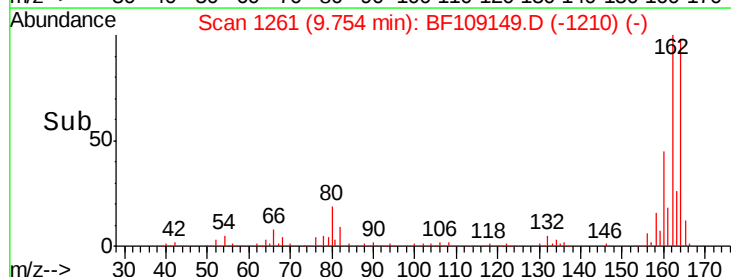
160 45.7 38.3 57.5

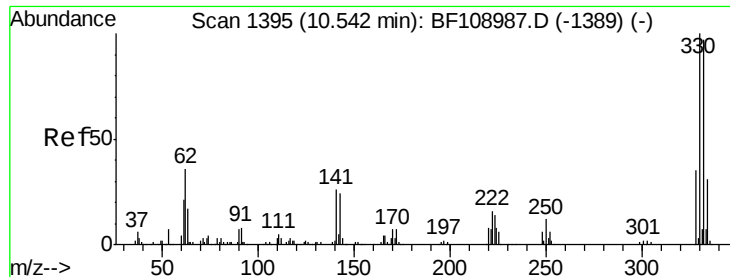


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

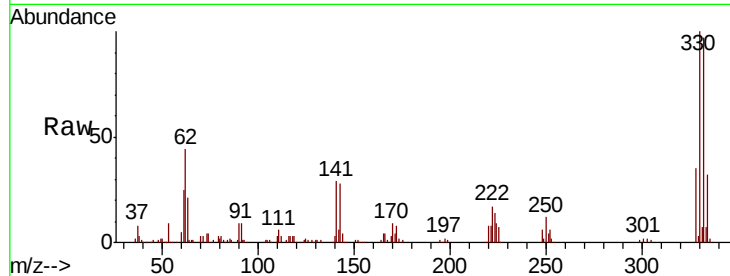




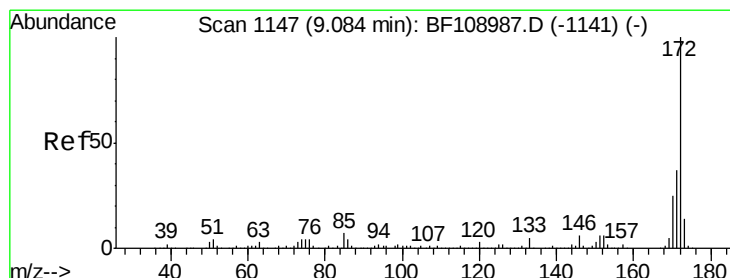
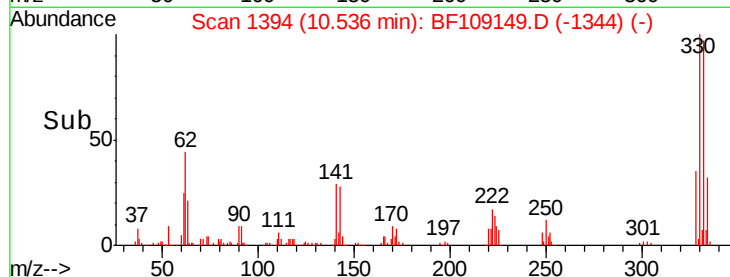
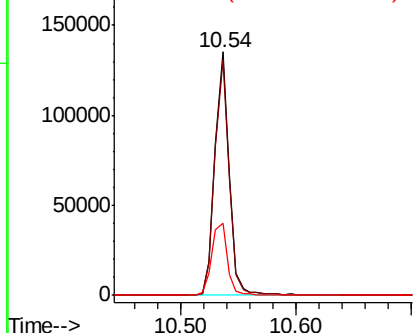
#41
 2,4,6-Tribromophenol
 Concen: 49.743 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109149.D
 Acq: 19 Sep 2018 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9

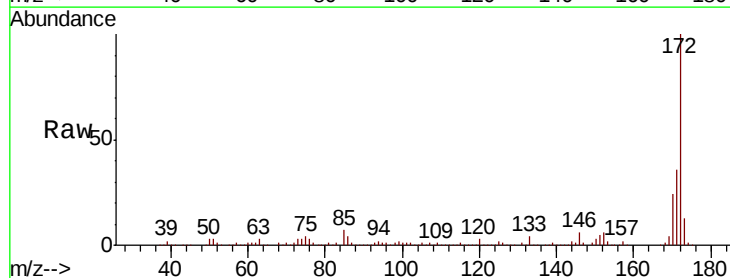


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

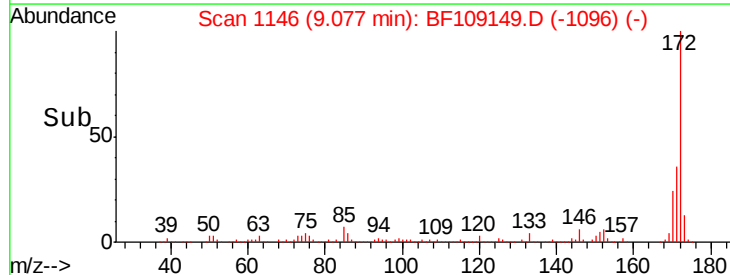
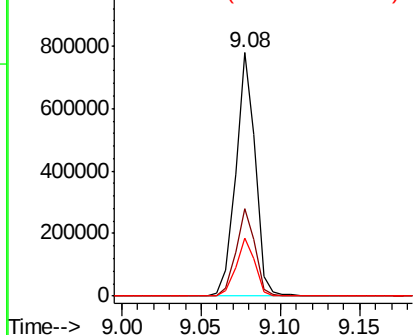


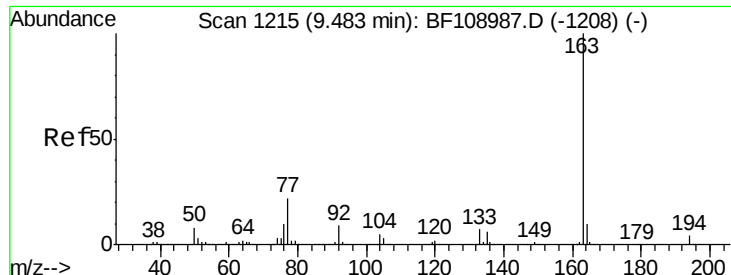
#44
 2-Fluorobiphenyl
 Concen: 47.984 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109149.D
 Acq: 19 Sep 2018 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	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

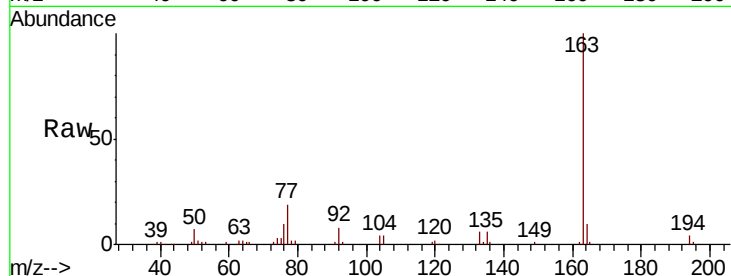




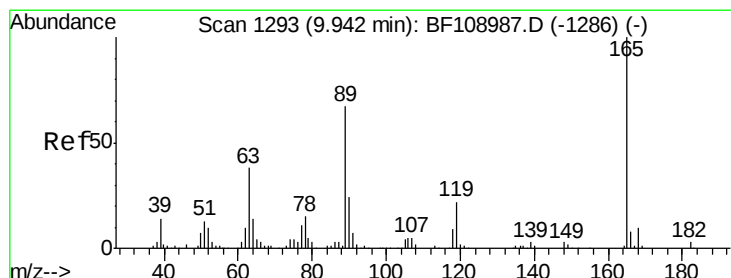
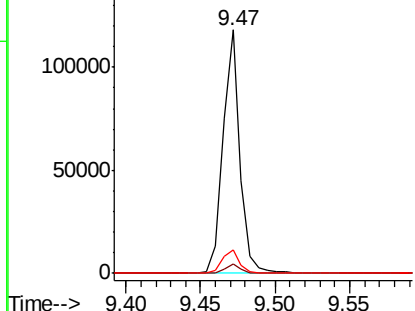
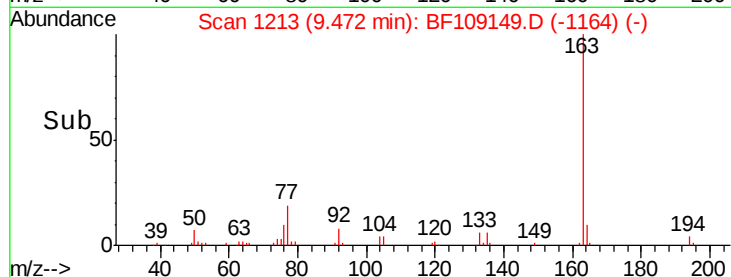
#49
Dimethylphthalate
Concen: 6.122 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 94522
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2

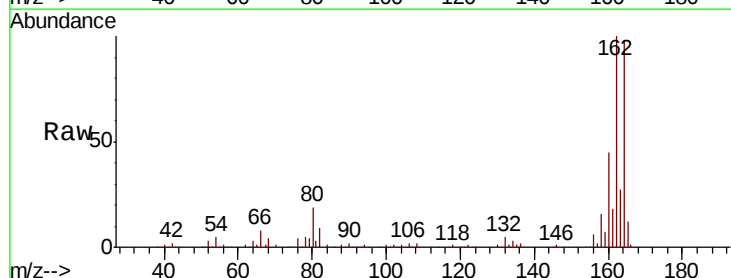


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

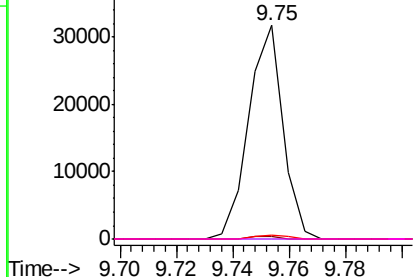
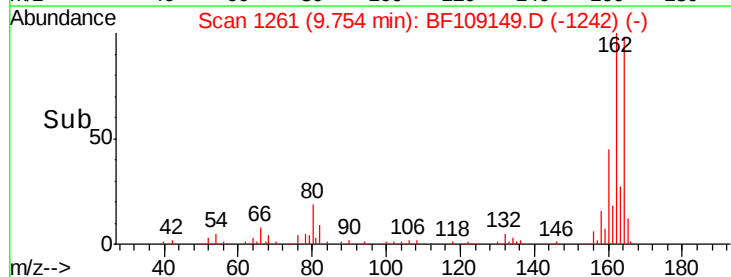


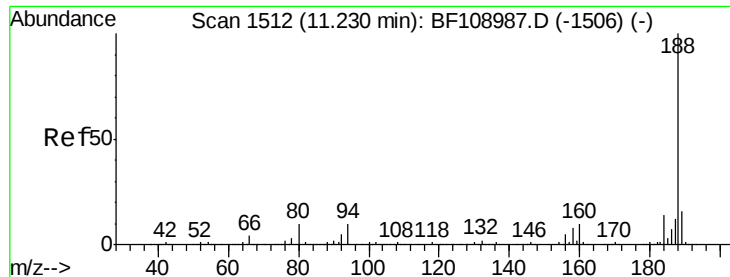
#56
2,4-Dinitrotoluene
Concen: 5.971 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Tgt Ion:165 Resp: 26738
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.8 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

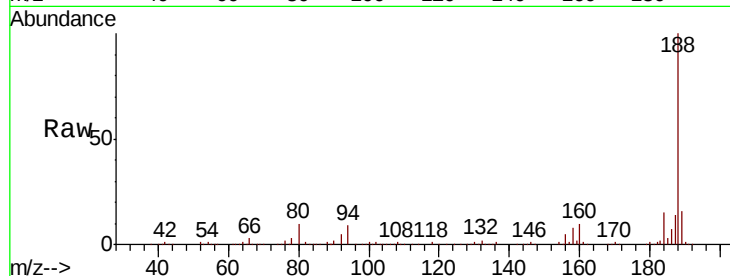




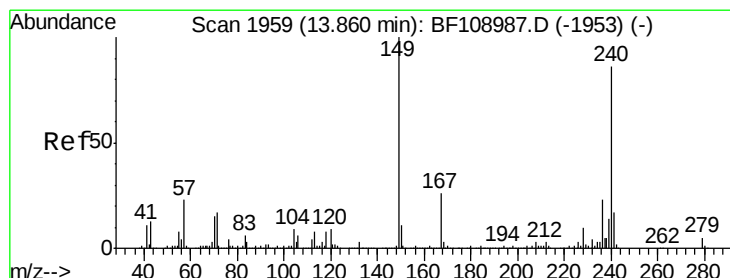
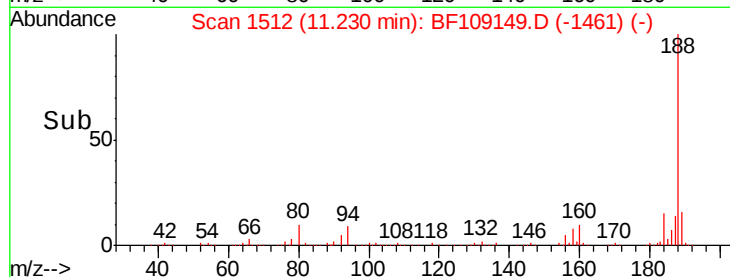
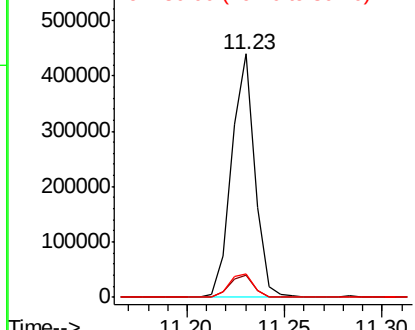
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.8	9.2	13.8

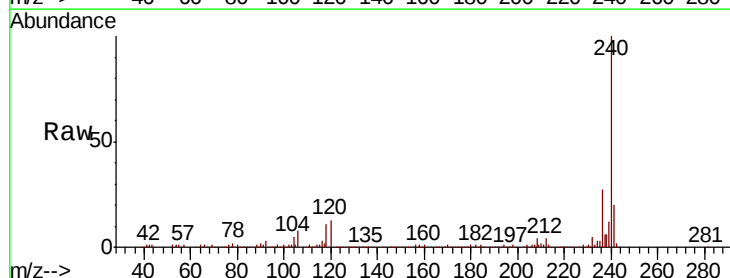


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

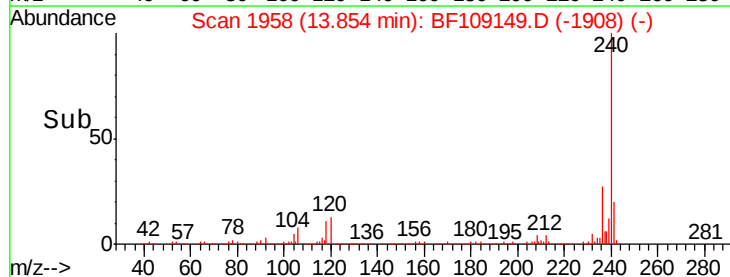
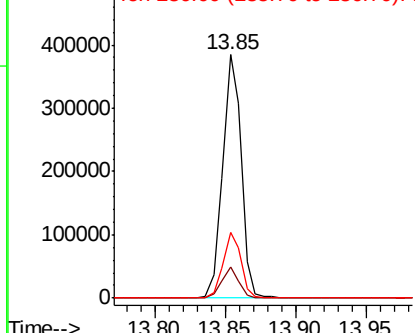


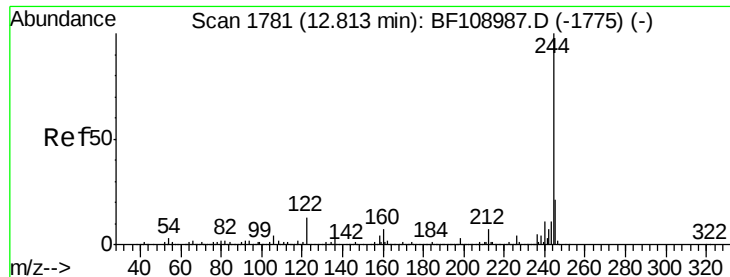
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109149.D
Acq: 19 Sep 2018 17:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.8	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

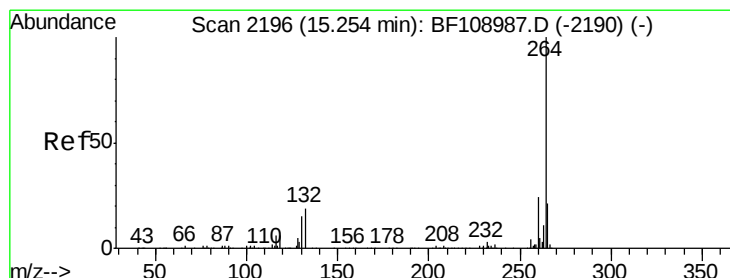
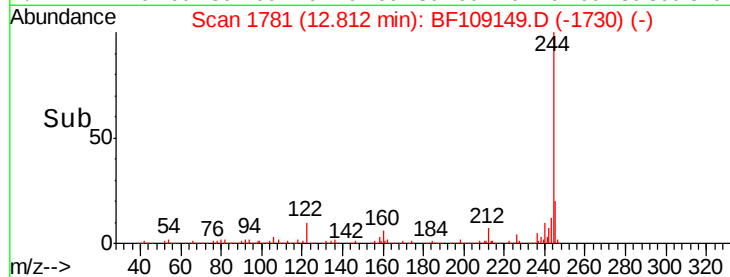
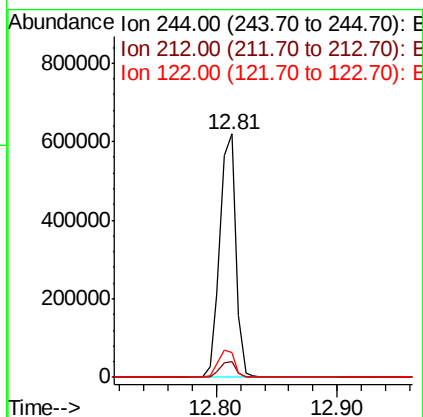
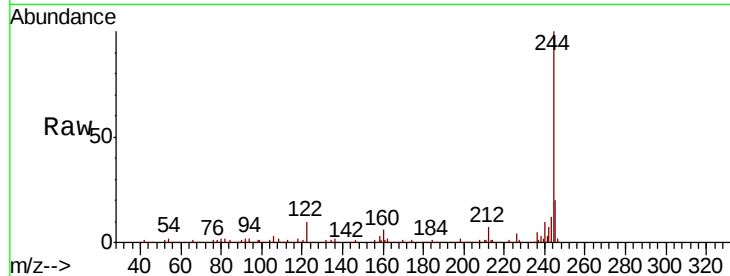




#78
 Terphenyl-d14
 Concen: 38.147 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109149.D
 Acq: 19 Sep 2018 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 565717
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.9 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: BF109149.D
 Acq: 19 Sep 2018 17:49

Tgt Ion:264 Resp: 328464
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.4 17.5 26.3

