

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109175.D
 Acq On : 20 Sep 2018 5:32
 Operator : JU/SJ
 Sample : PB112951BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BL

Quant Time: Sep 20 07:39:46 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

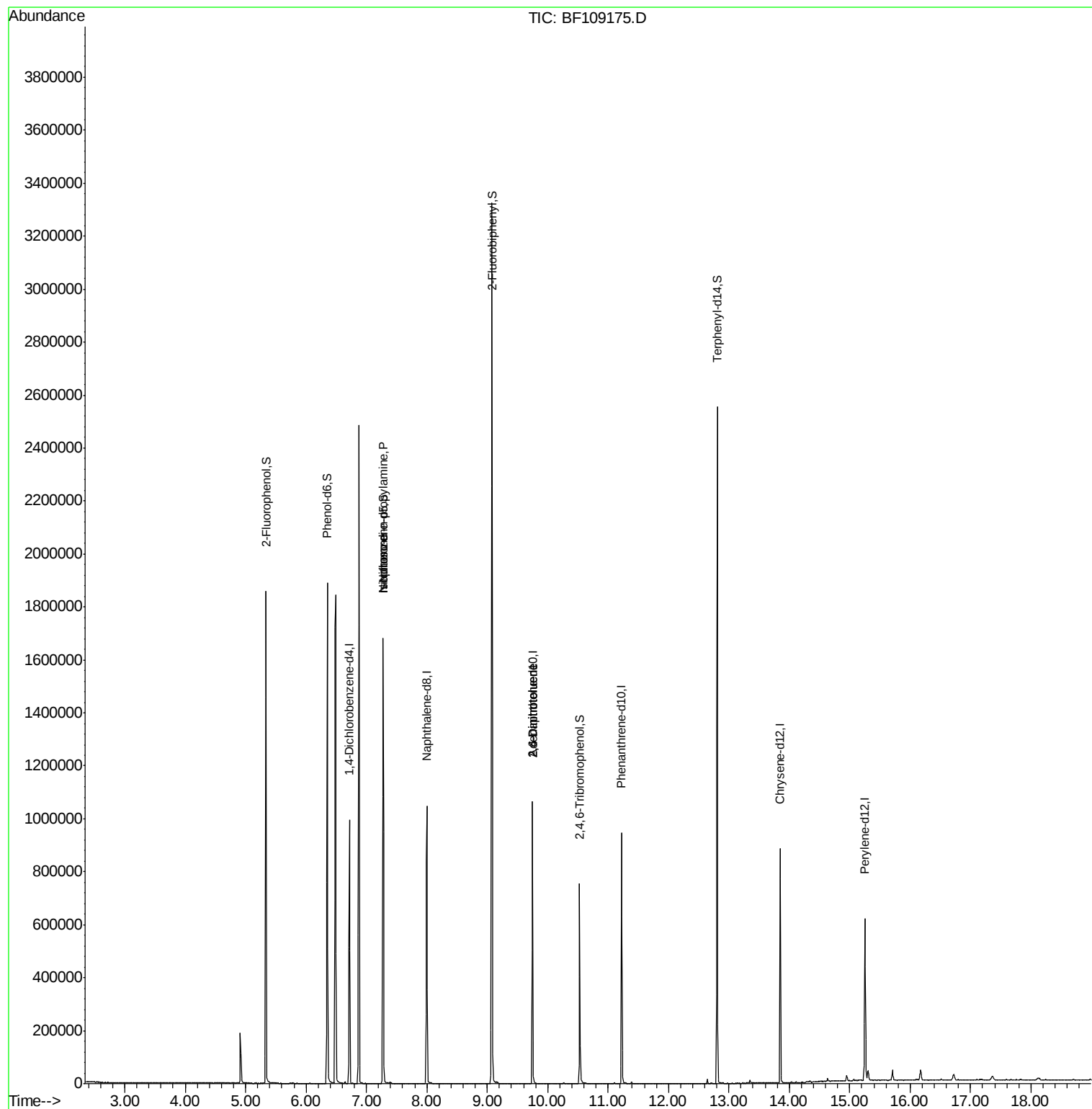
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130135	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	475125	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	200440	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	329044	20.00	ng	0.00
75) Chrysene-d12	13.85	240	311244	20.00	ng	-0.01
86) Perylene-d12	15.25	264	276831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	501306	63.98	ng	0.01
7) Phenol-d6	6.35	99	624041	61.77	ng	0.00
23) Nitrobenzene-d5	7.28	82	560746	66.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	95874	44.07	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1006719	78.69	ng	0.00
78) Terphenyl-d14	12.81	244	849713	64.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	74490	11.154	ng	# 77
25) Isophorone	7.28	82	555322	38.137	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	25748	8.104	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	25748	6.197	ng	# 22

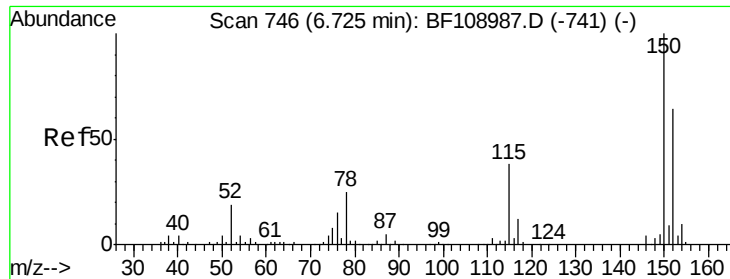
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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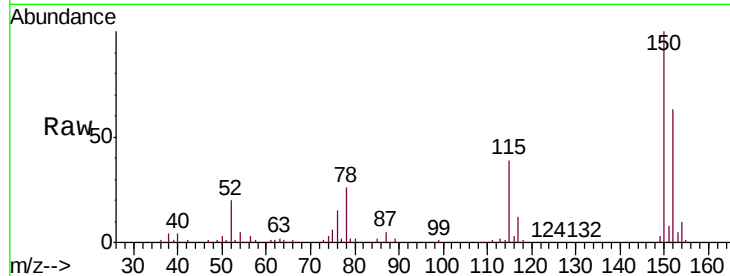




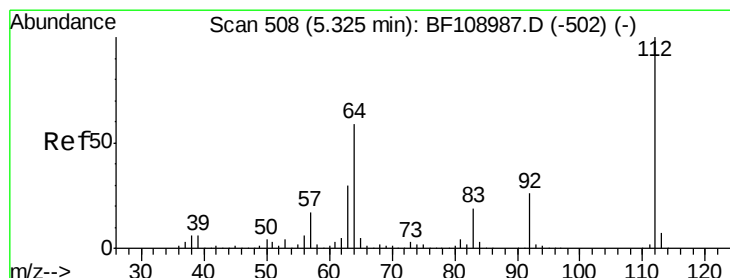
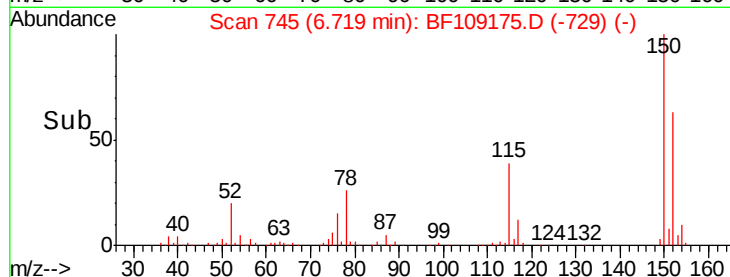
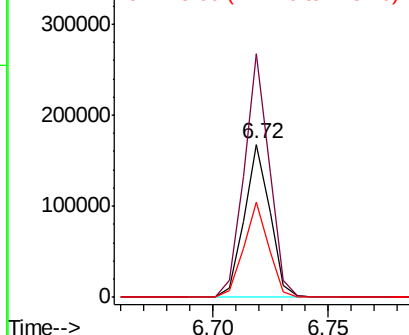
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109175.D
 Acq: 20 Sep 2018 5:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.2	50.1	75.1

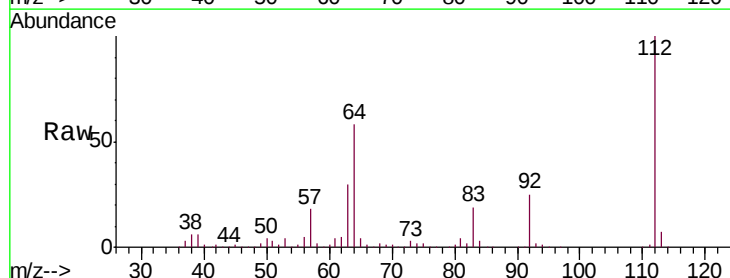


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

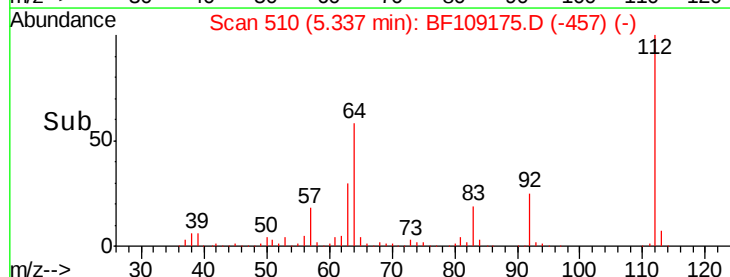
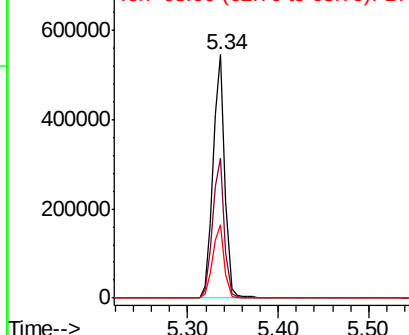


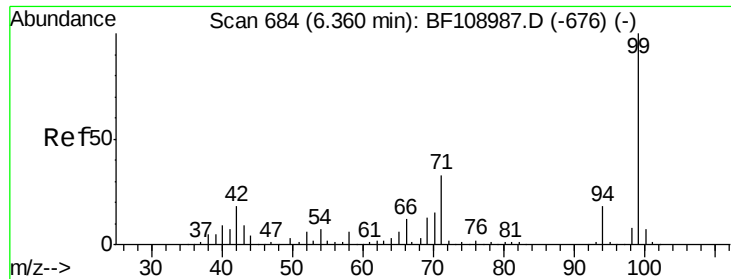
#5
 2-Fluorophenol
 Concen: 63.981 ng
 RT: 5.34 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF109175.D
 Acq: 20 Sep 2018 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	30.1	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: 61.767 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109175.D

Acq: 20 Sep 2018 5:32

Instrument :

BNA_F

ClientSampleId :

PB112951BL

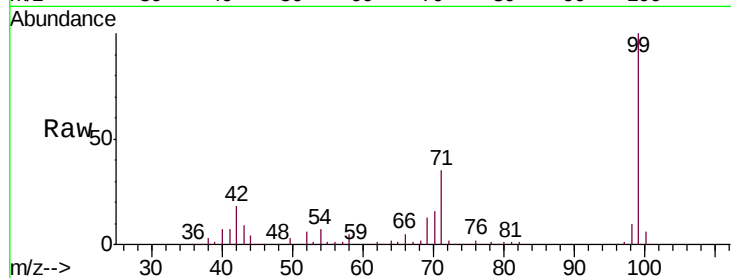
Tgt Ion: 99 Resp: 624041

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

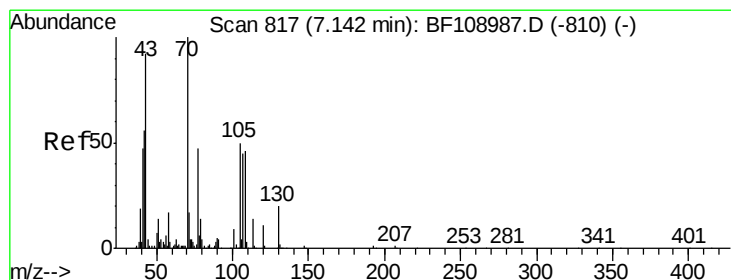
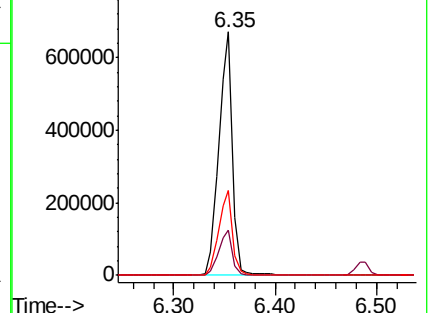
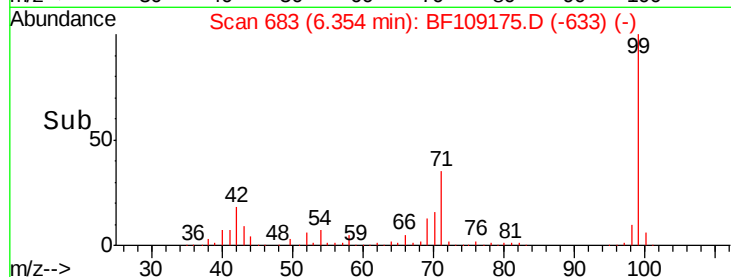
71 35.0 25.4 38.0



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: 11.154 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109175.D

Acq: 20 Sep 2018 5:32

Tgt Ion: 70 Resp: 74490

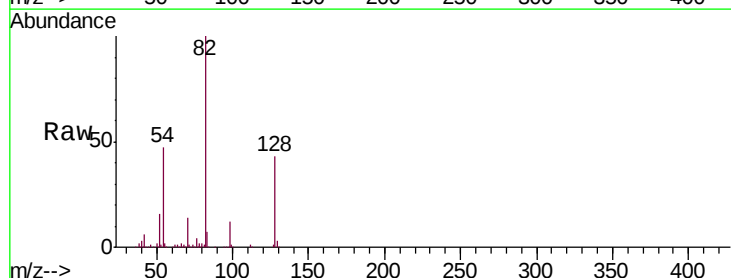
Ion Ratio Lower Upper

70 100

42 47.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

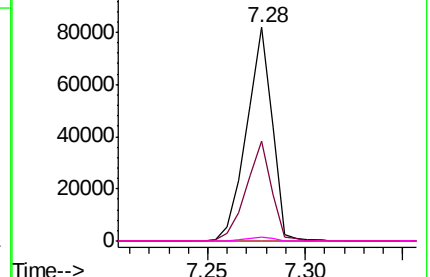
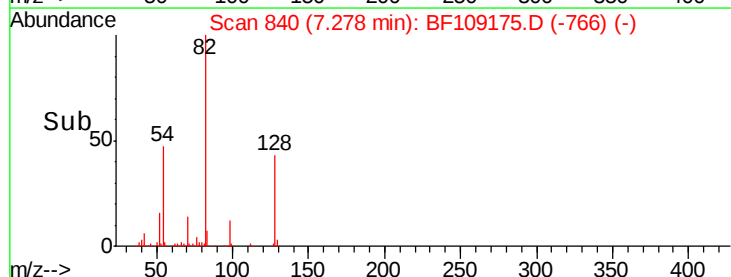


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

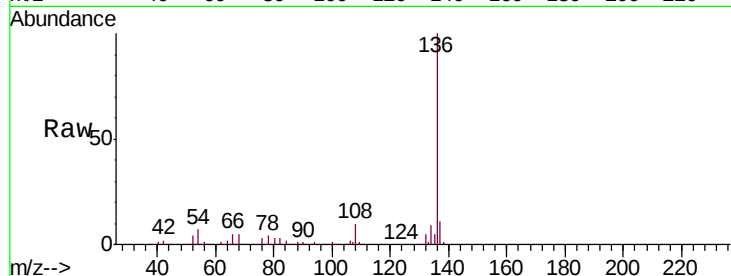




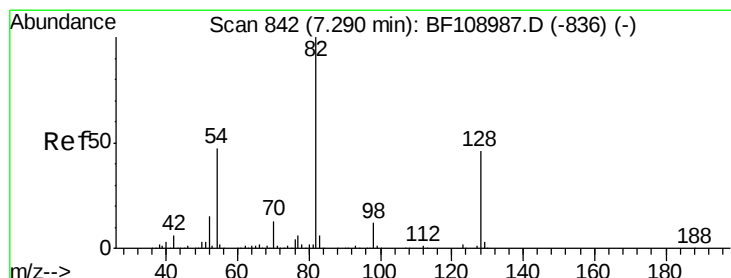
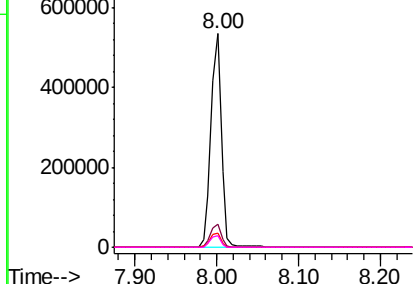
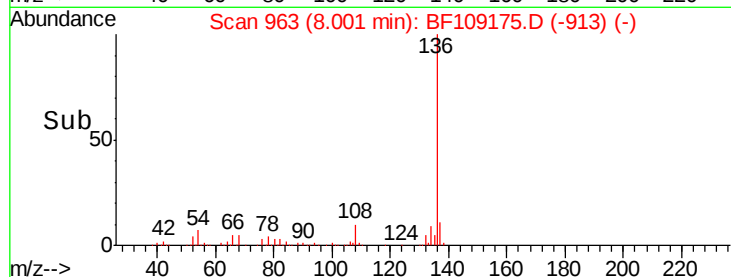
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109175.D
Acq: 20 Sep 2018 5:32

Instrument :
BNA_F
ClientSampleId :
PB112951BL

Tgt Ion:	136	Resp:	475125
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.4	5.0	7.4

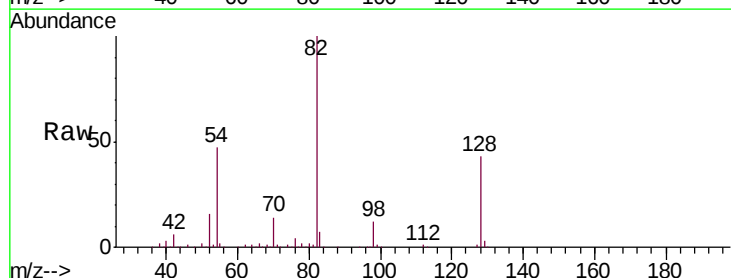


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

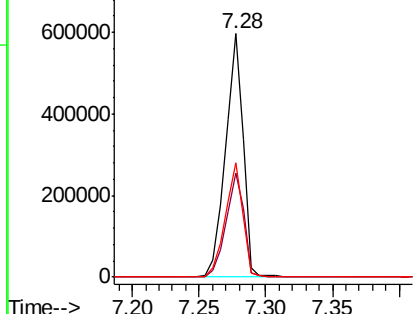
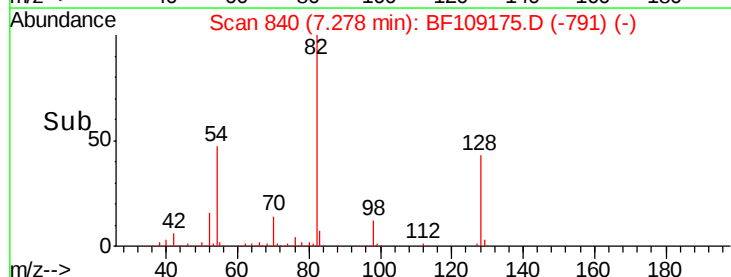


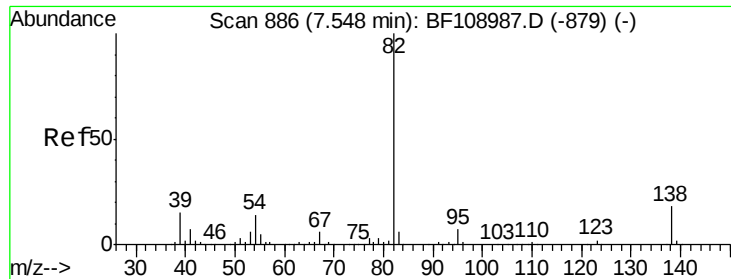
#23
Nitrobenzene-d5
Concen: 66.196 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109175.D
Acq: 20 Sep 2018 5:32

Tgt Ion:	82	Resp:	560746
Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	47.2	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: 38.137 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109175.D

Acq: 20 Sep 2018 5:32

Instrument :

BNA_F

ClientSampleId :

PB112951BL

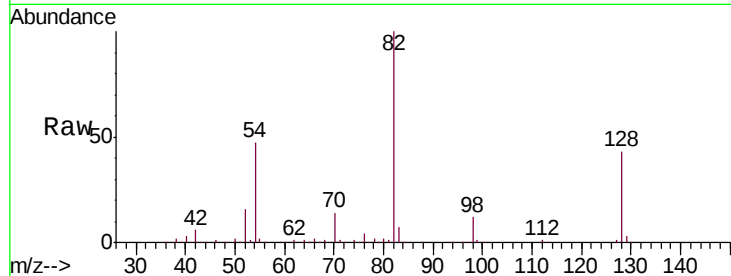
Tgt Ion: 82 Resp: 555322

Ion Ratio Lower Upper

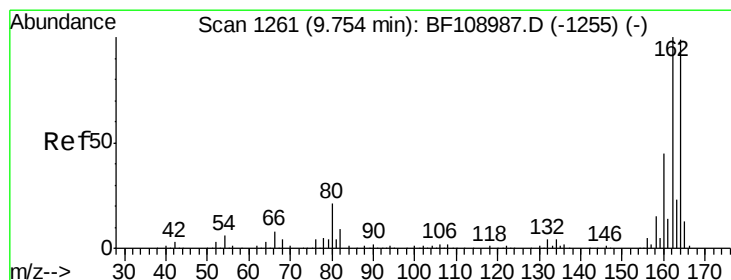
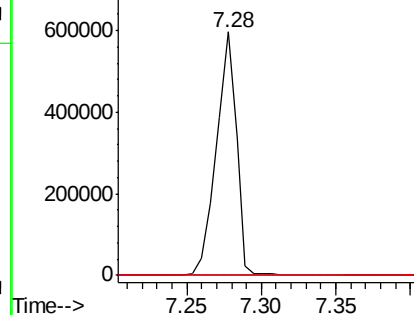
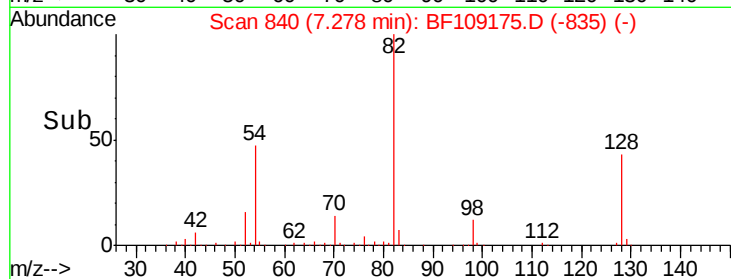
82 100

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# 1260

Delta R.T. -0.01 min

Lab File: BF109175.D

Acq: 20 Sep 2018 5:32

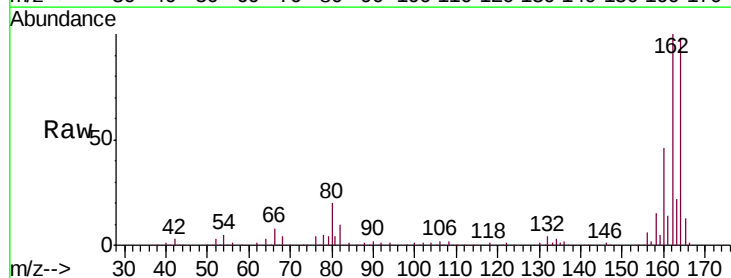
Tgt Ion: 164 Resp: 200440

Ion Ratio Lower Upper

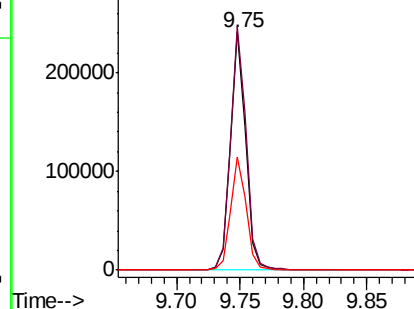
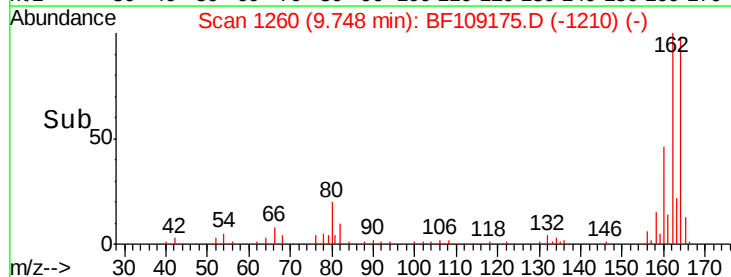
164 100

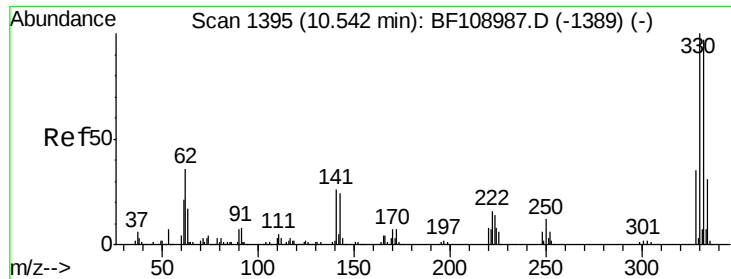
162 102.1 86.1 129.1

160 47.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

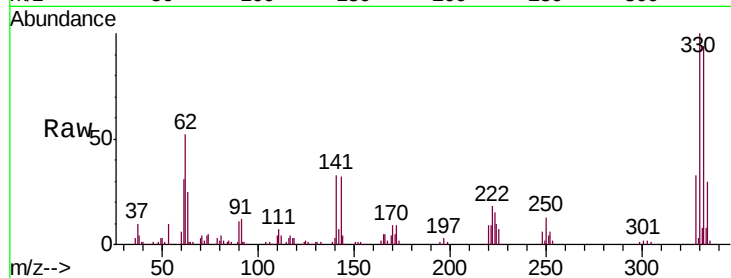




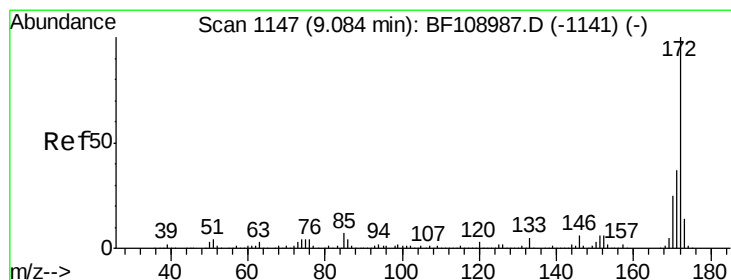
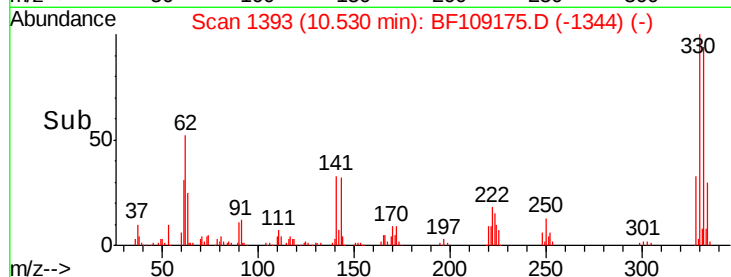
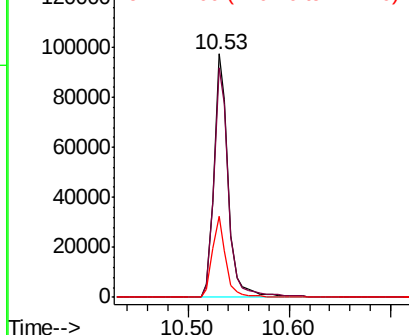
#41
 2,4,6-Tribromophenol
 Concen: 44.074 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109175.D
 Acq: 20 Sep 2018 5:32

Instrument :
 BNA_F
 ClientSampleId :
 PB112951BL

Tgt Ion:330 Resp: 95874
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.4 29.9 44.9

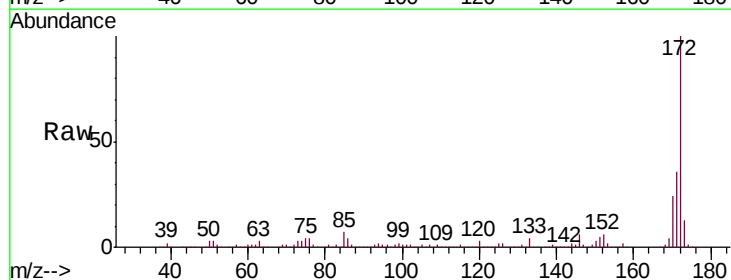


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

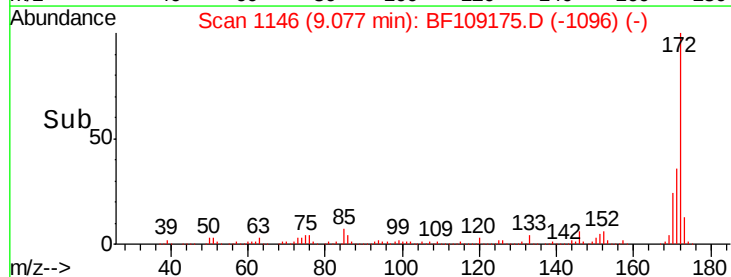
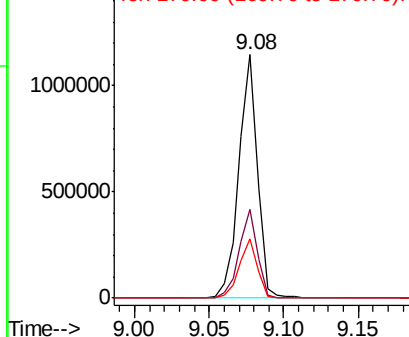


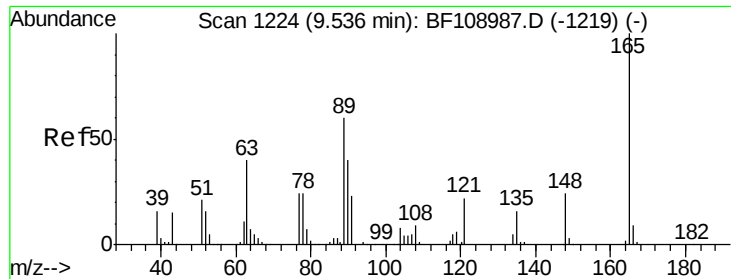
#44
 2-Fluorobiphenyl
 Concen: 78.690 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109175.D
 Acq: 20 Sep 2018 5:32

Tgt Ion:172 Resp: 1006719
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 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

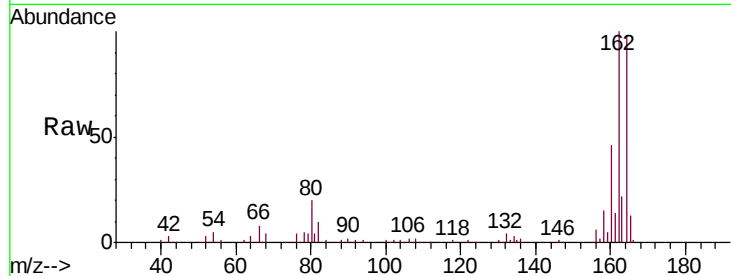




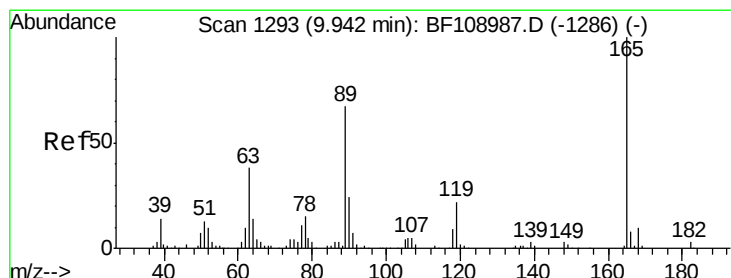
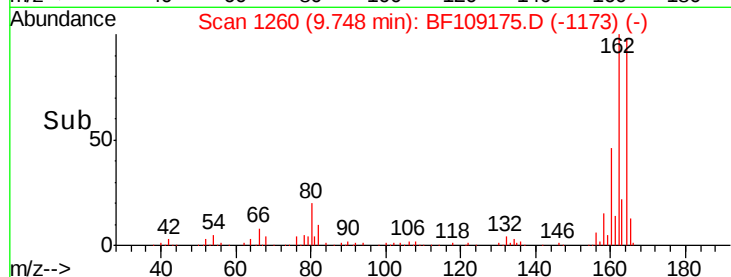
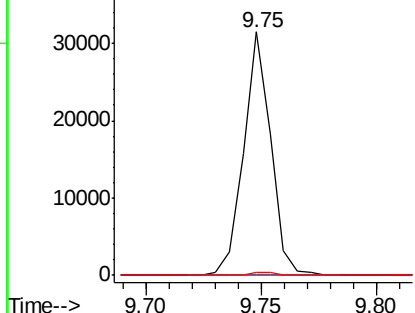
#50
 2,6-Dinitrotoluene
 Concen: 8.104 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109175.D
 Acq: 20 Sep 2018 5:32

Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#

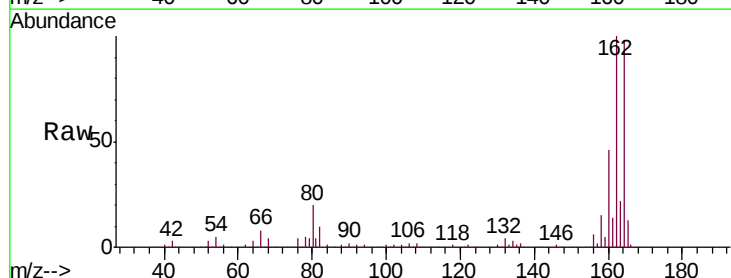


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

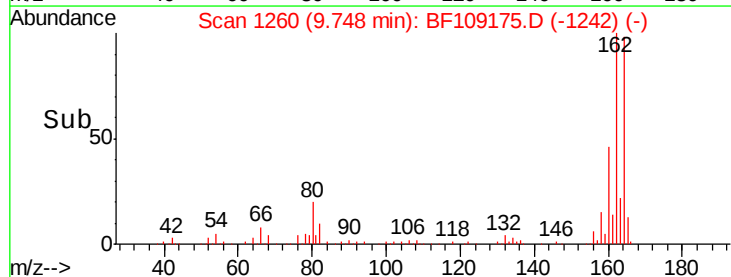
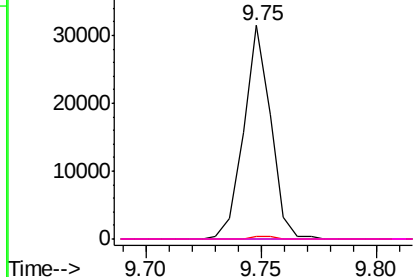


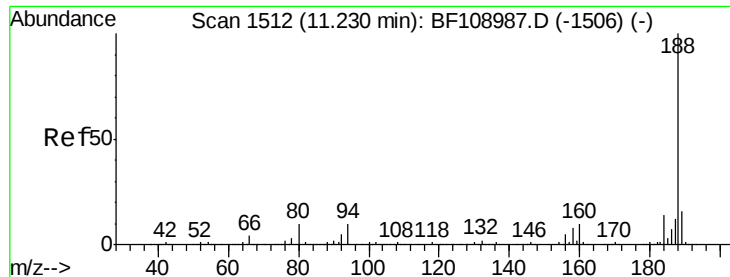
#56
 2,4-Dinitrotoluene
 Concen: 6.197 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109175.D
 Acq: 20 Sep 2018 5:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	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

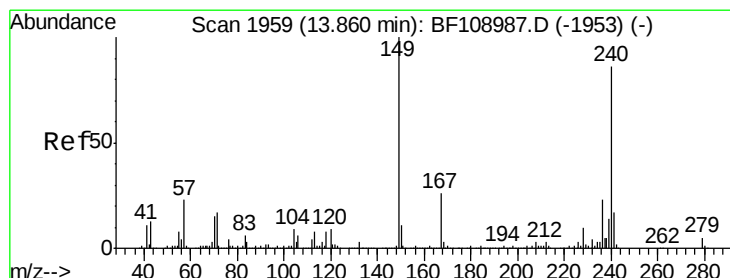
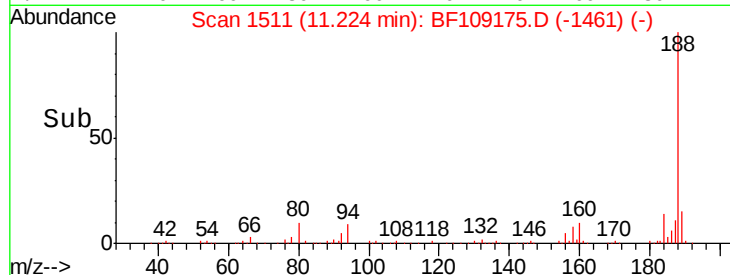
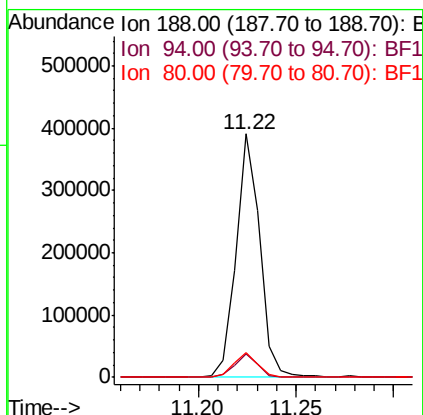
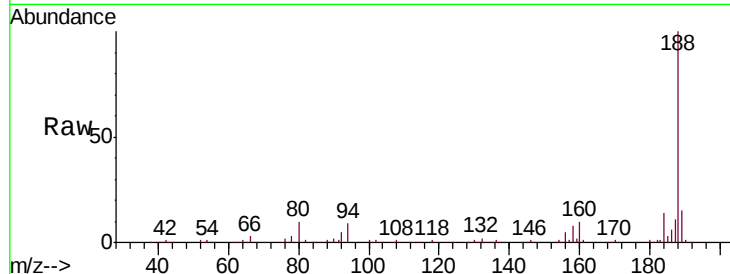




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109175.D
Acq: 20 Sep 2018 5:32

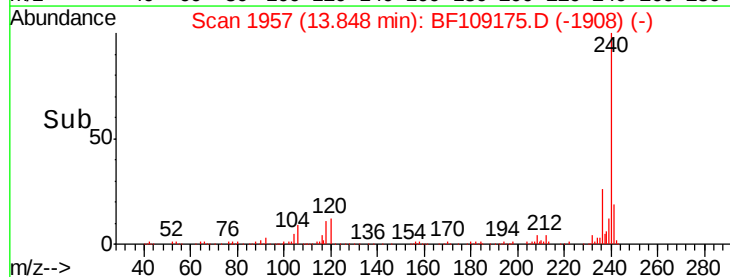
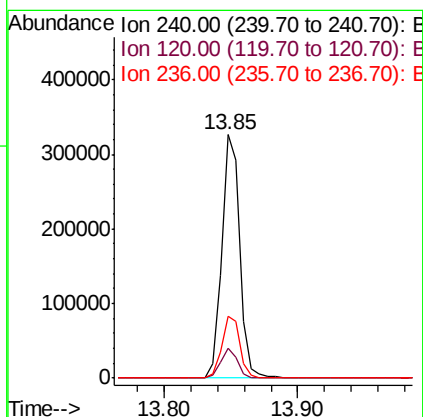
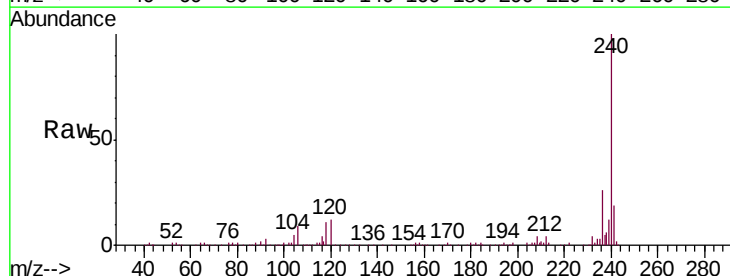
Instrument :
BNA_F
ClientSampleId :
PB112951BL

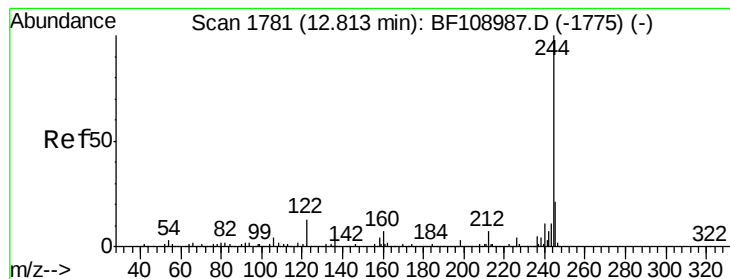
Tgt Ion:188 Resp: 329044
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109175.D
Acq: 20 Sep 2018 5:32

Tgt Ion:240 Resp: 311244
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 64.710 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109175.D

Acq: 20 Sep 2018 5:32

Instrument :

BNA_F

ClientSampleId :

PB112951BL

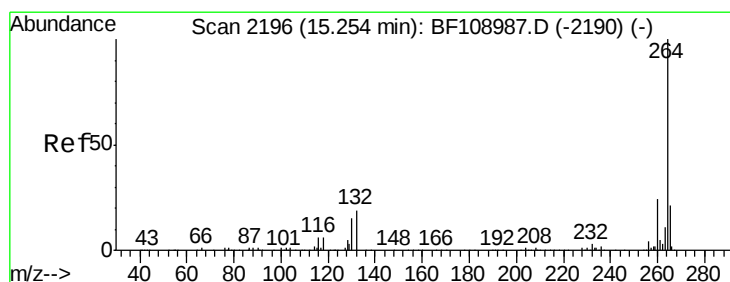
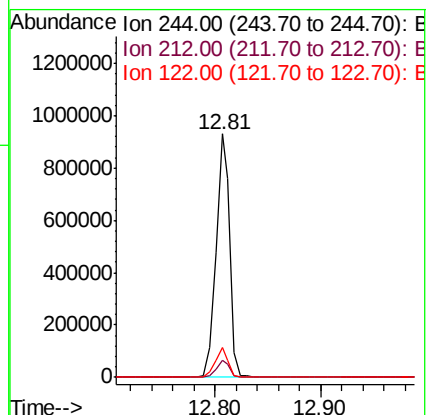
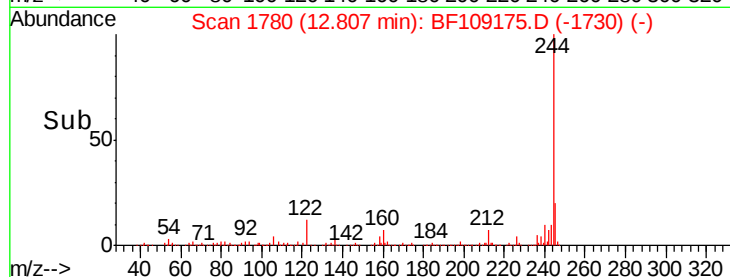
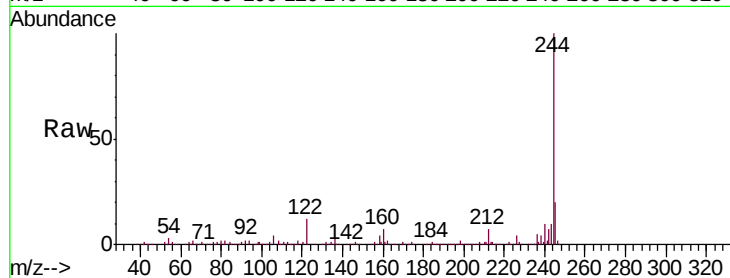
Tgt Ion:244 Resp: 849713

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 12.1 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109175.D

Acq: 20 Sep 2018 5:32

Tgt Ion:264 Resp: 276831

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.0 17.5 26.3

