

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109198.D
 Acq On : 20 Sep 2018 22:40
 Operator : JU/SJ
 Sample : J4985-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:12:57 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

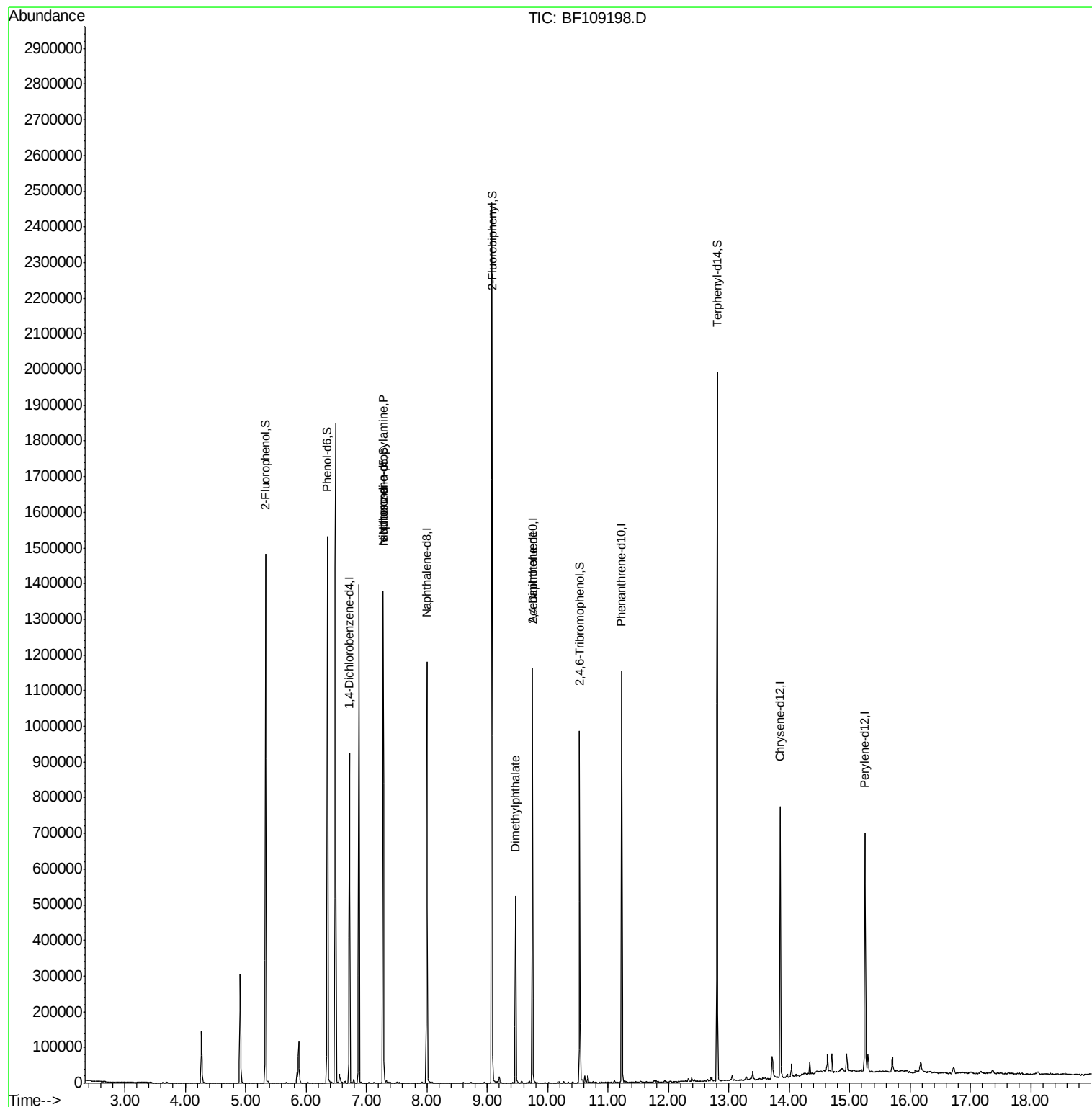
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115609	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	474033	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	227530	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	422568	20.00	ng	0.00
75) Chrysene-d12	13.85	240	267521	20.00	ng	-0.01
86) Perylene-d12	15.25	264	280234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	385413	55.37	ng	0.00
7) Phenol-d6	6.35	99	537914	59.93	ng	0.00
23) Nitrobenzene-d5	7.28	82	428668	50.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	112313	45.48	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	715608	49.28	ng	0.00
78) Terphenyl-d14	12.81	244	659583	58.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	57709	9.727	ng	# 79
25) Isophorone	7.28	82	425092	29.260	ng	# 64
49) Dimethylphthalate	9.47	163	220491	13.558	ng	98
56) 2,4-Dinitrotoluene	9.75	165	28144	5.967	ng	# 23

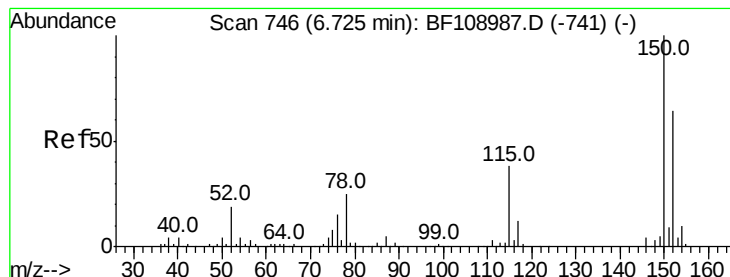
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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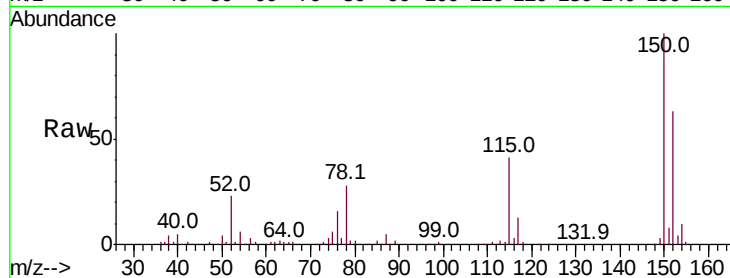


#1

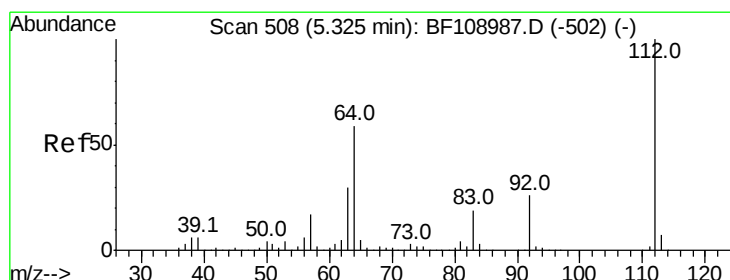
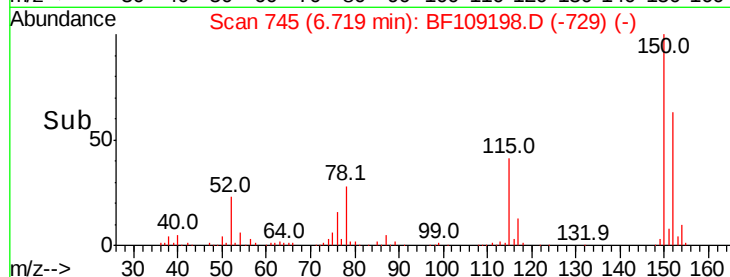
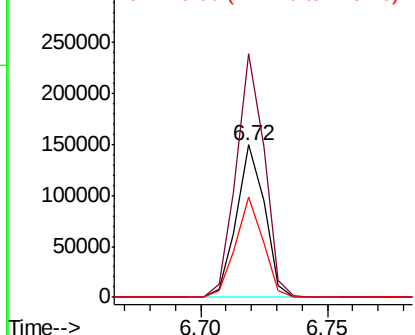
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115609
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 66.0 50.1 75.1



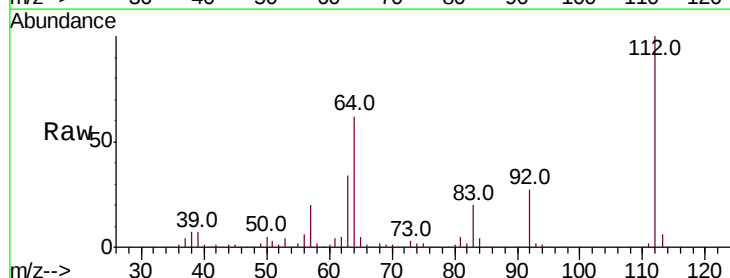
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



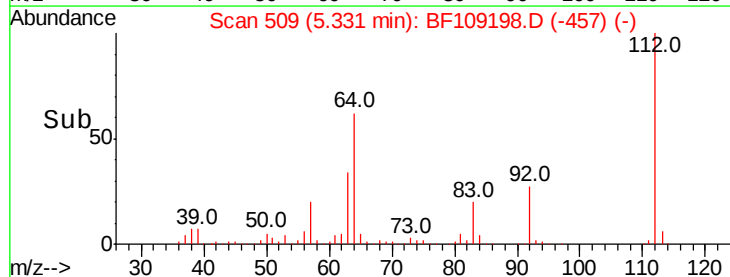
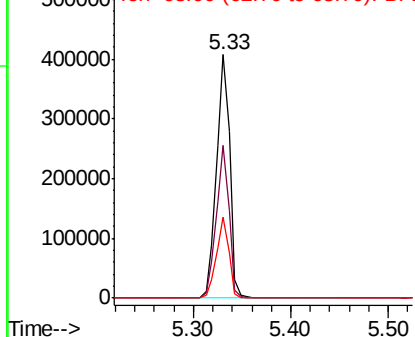
#5

2-Fluorophenol
Concen: 55.370 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

Tgt Ion:112 Resp: 385413
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 33.5 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: 59.932 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109198.D

Acq: 20 Sep 2018 22:40

Instrument :

BNA_F

ClientSampleId :

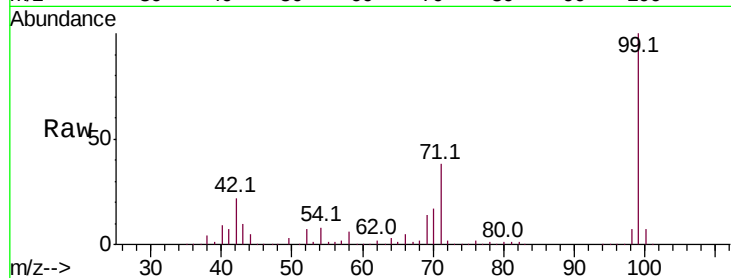
Tot Ion: 99 Resp: 537914

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

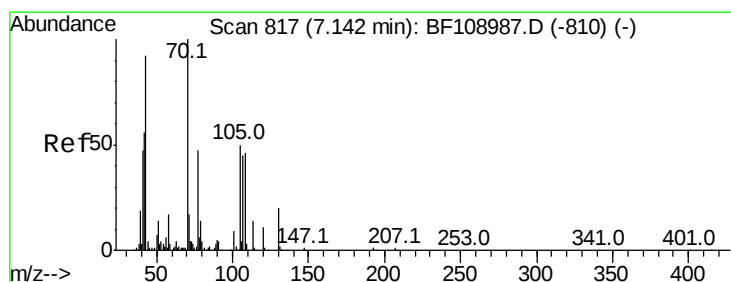
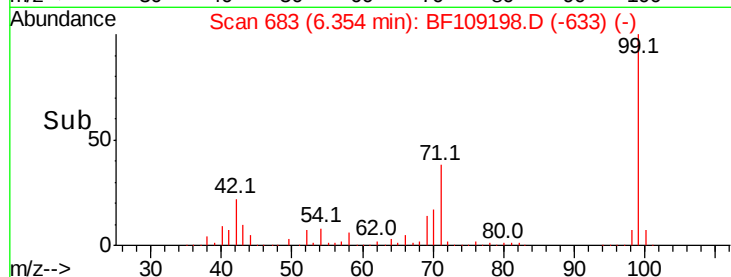
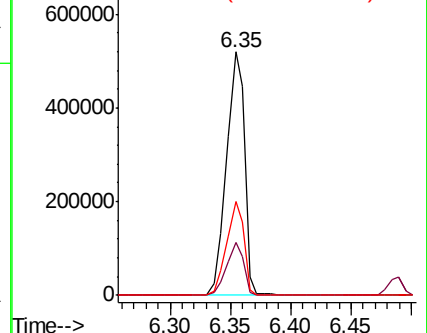
71 38.3 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.727 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109198.D

Acq: 20 Sep 2018 22:40

Tgt Ion: 70 Resp: 57709

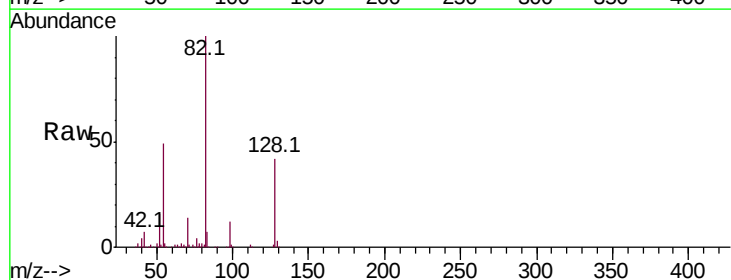
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

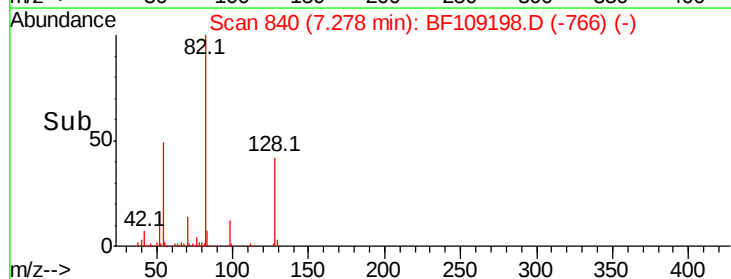
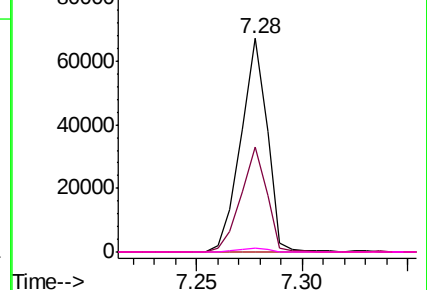


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

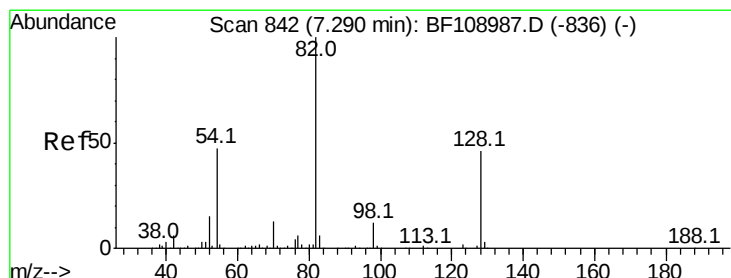
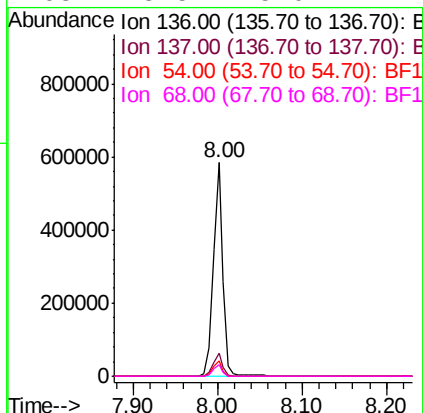
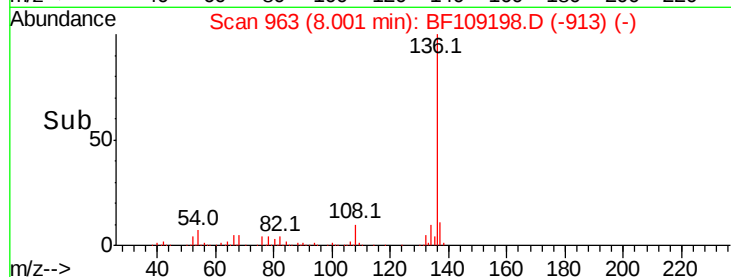
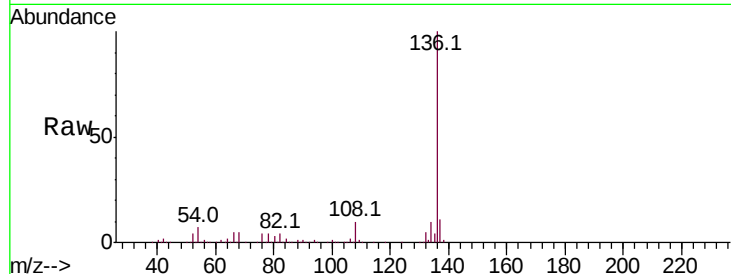




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

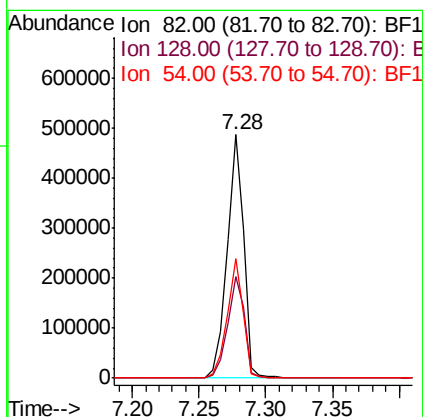
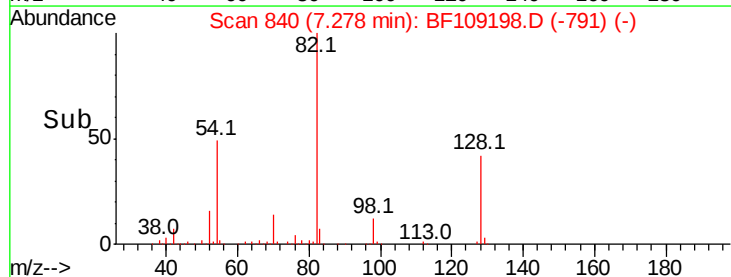
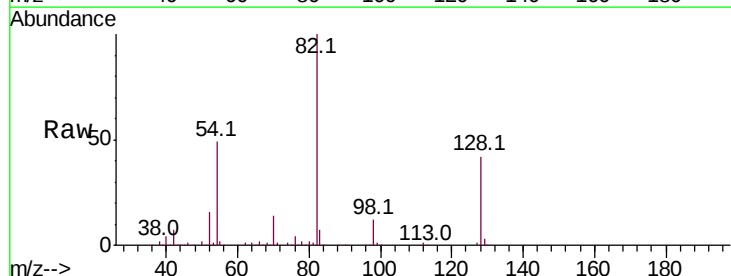
Instrument :
BNA_F
ClientSampleId :

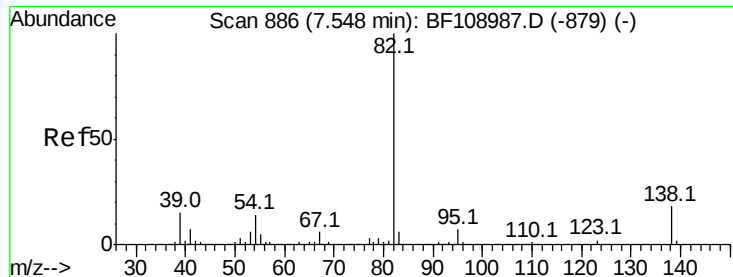
Tot Ion:136	Resp:	474033
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 7.3	6.6	9.8
68 5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 50.721 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

Tgt	Ion: 82	Resp:	428668
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	48.9	41.4	62.2

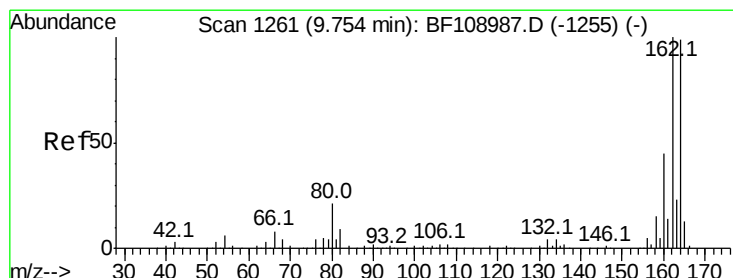
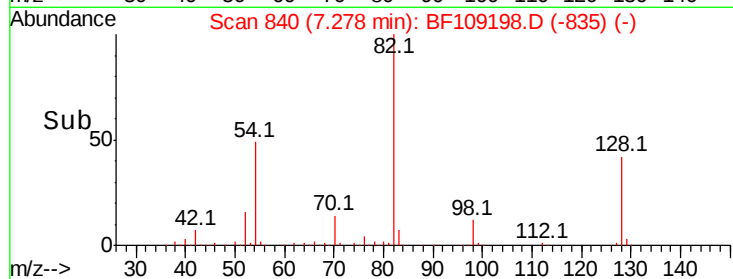
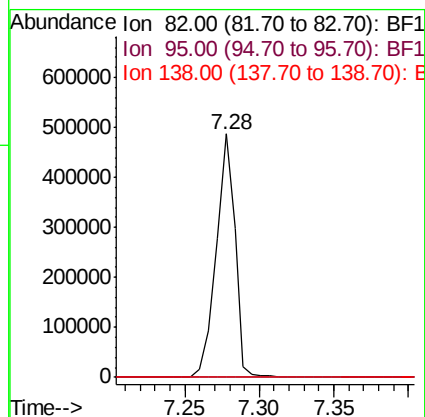
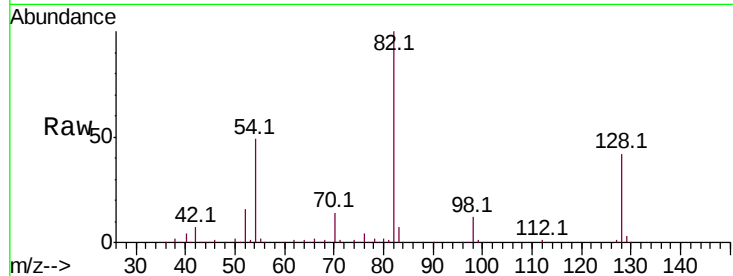




#25
Isophorone
Concen: 29.260 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

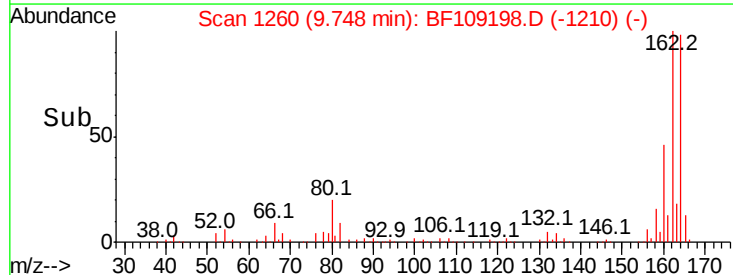
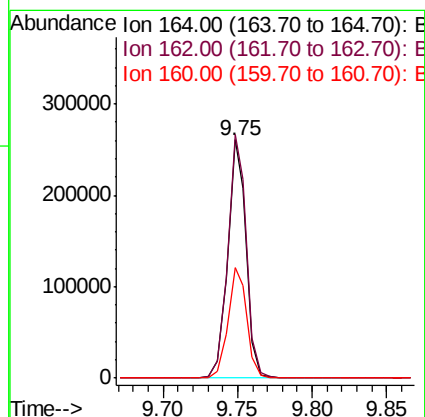
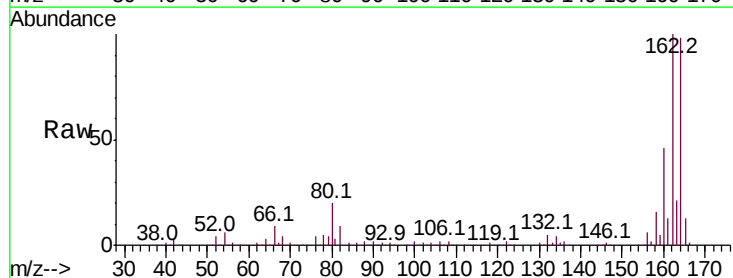
Instrument :
BNA_F
ClientSampleId :

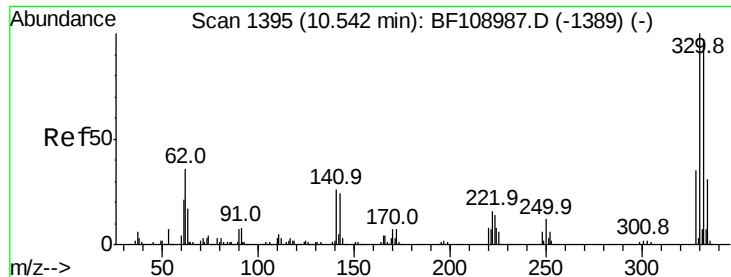
Tot Ion: 82 Resp: 425092
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

Tgt Ion:164 Resp: 227530
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 46.6 38.3 57.5

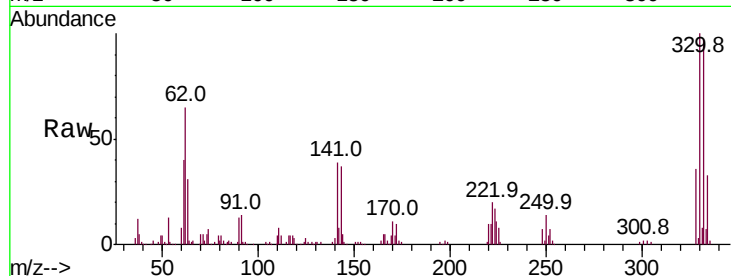




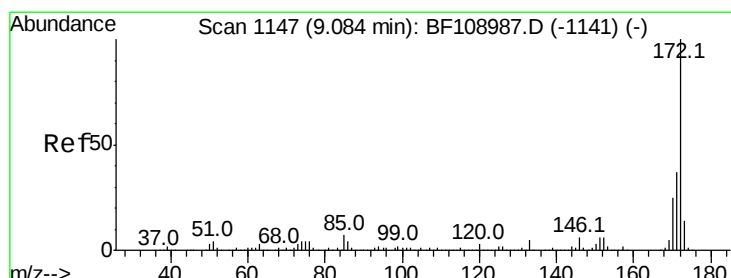
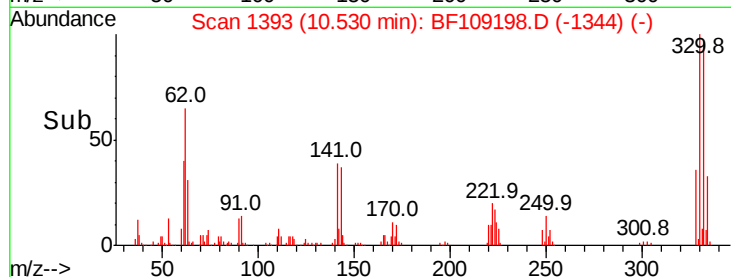
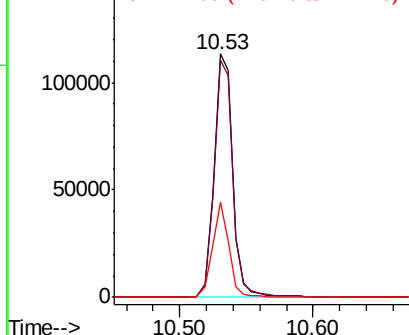
#41
 2,4,6-Tribromophenol
 Concen: 45.484 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109198.D
 Acq: 20 Sep 2018 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.3	29.9	44.9

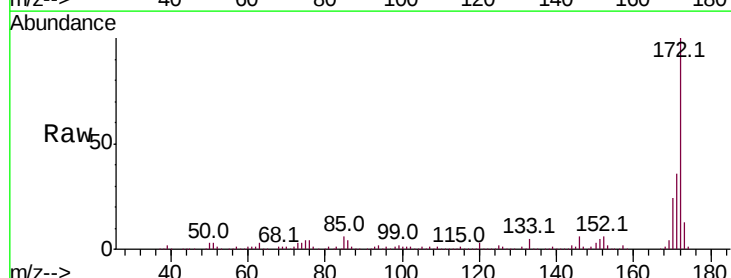


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

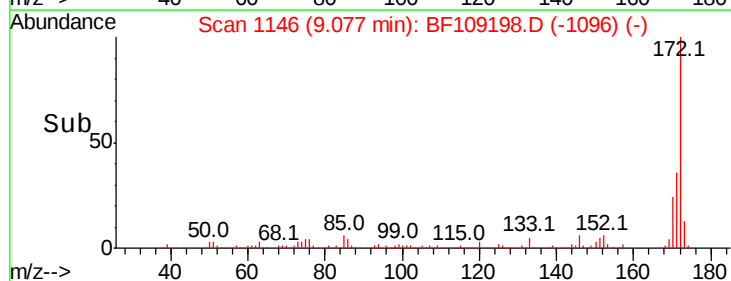
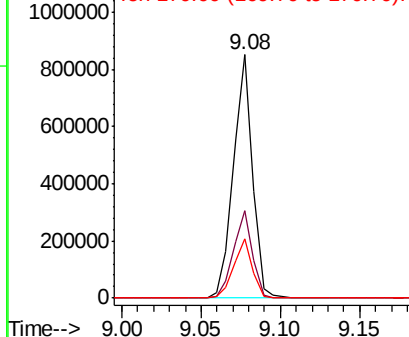


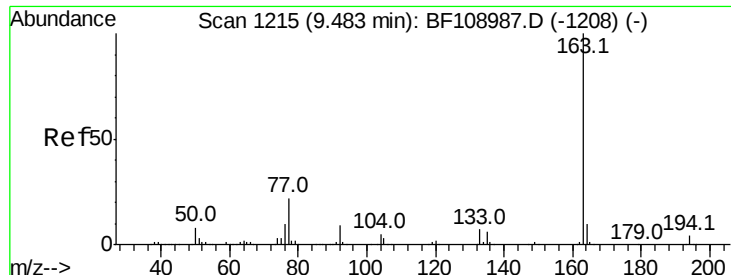
#44
 2-Fluorobiphenyl
 Concen: 49.275 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109198.D
 Acq: 20 Sep 2018 22:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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





#49

Dimethylphthalate

Concen: 13.558 ng

RT: 9.47 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF109198.D

Acq: 20 Sep 2018 22:40

Instrument :

BNA_F

ClientSampleId :

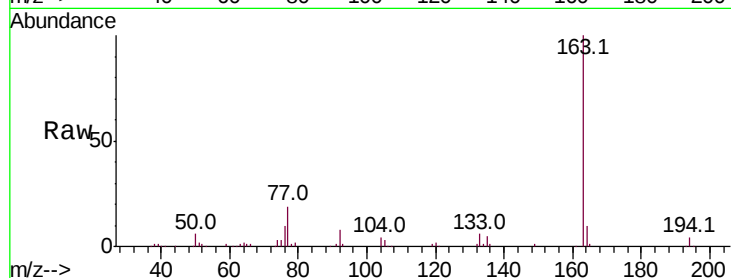
Tot Ion:163 Resp: 220491

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

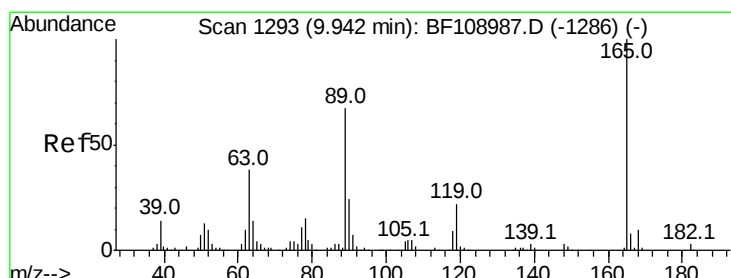
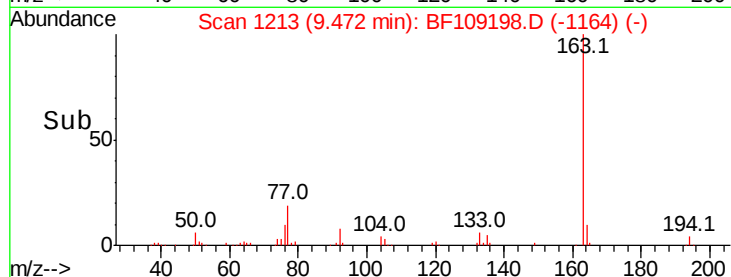
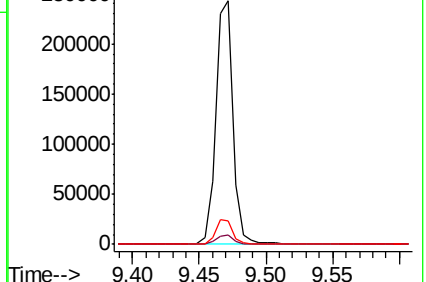
164 9.6 8.2 12.2



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: 5.967 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109198.D

Acq: 20 Sep 2018 22:40

Tgt Ion:165 Resp: 28144

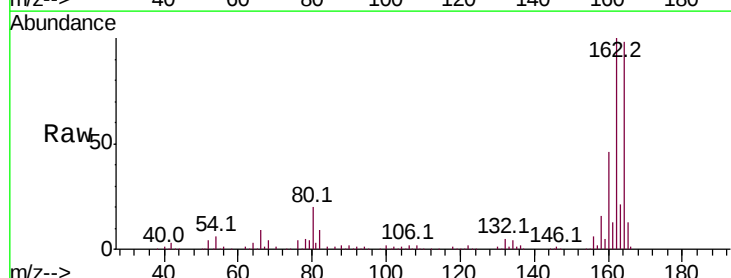
Ion Ratio Lower Upper

165 100

63 0.9 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

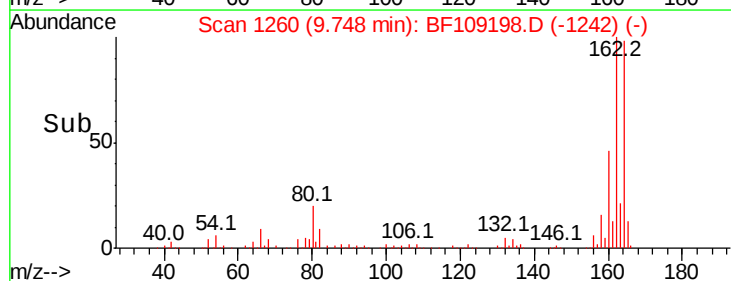
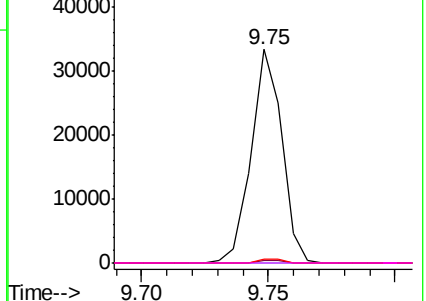


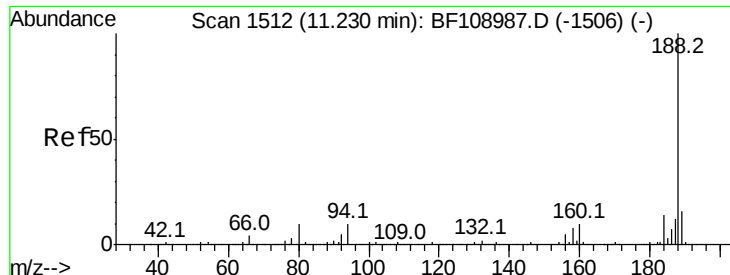
Abundance Ion 165.00 (164.70 to 165.70): E

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

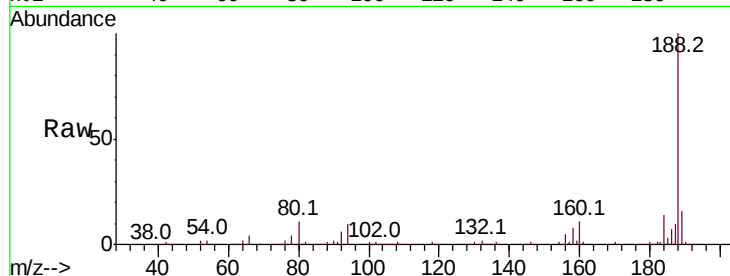




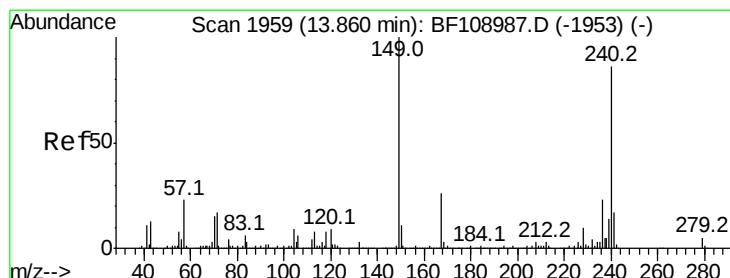
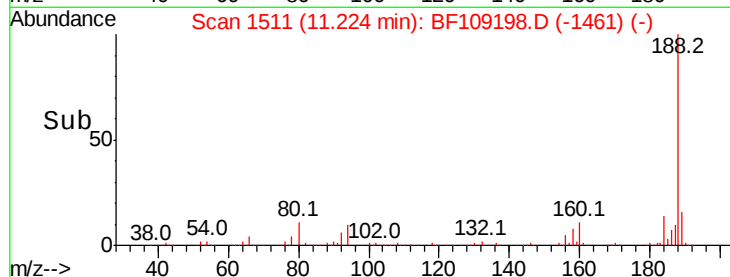
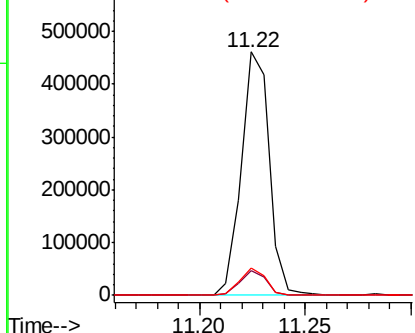
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 422568
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.2 13.8

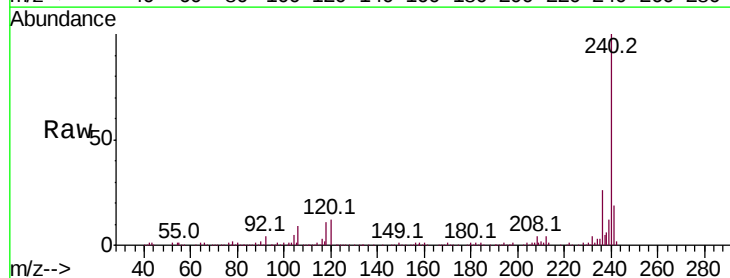


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

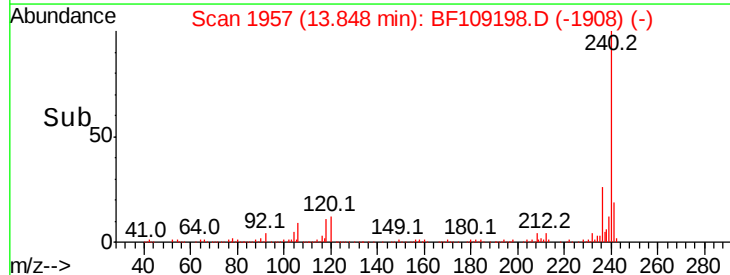
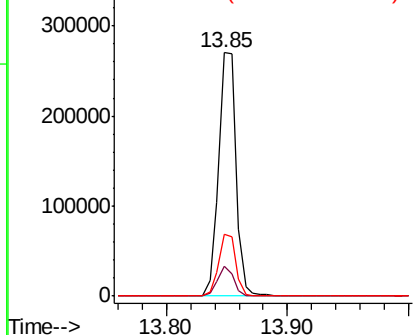


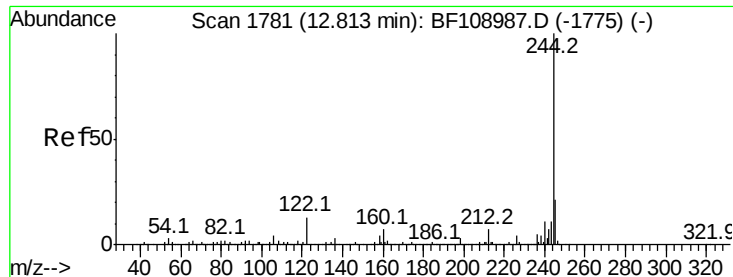
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109198.D
Acq: 20 Sep 2018 22:40

Tgt Ion:240 Resp: 267521
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 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

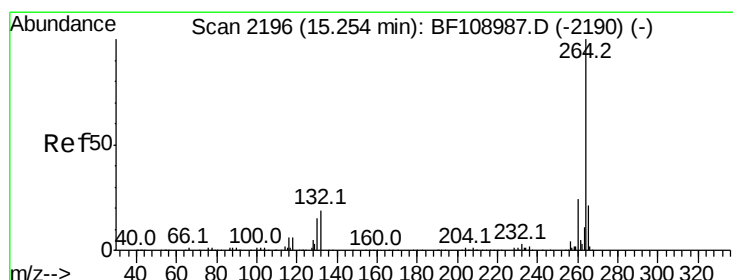
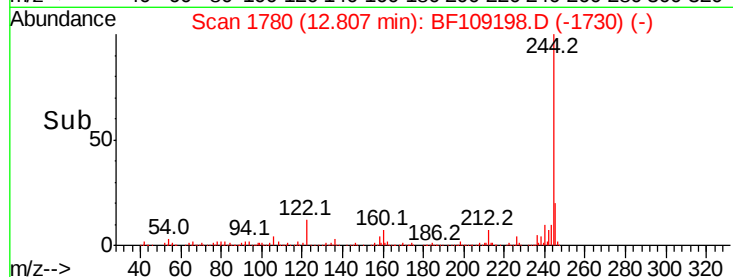
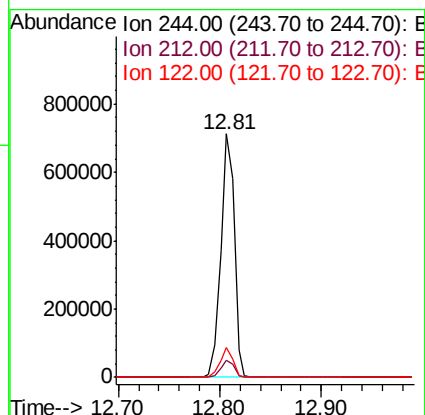
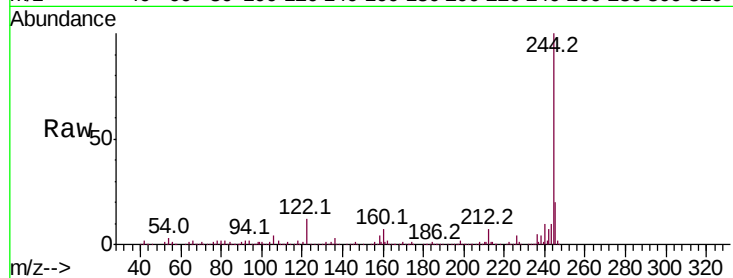




#78
 Terphenyl-d14
 Concen: 58.440 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109198.D
 Acq: 20 Sep 2018 22:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.3	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: BF109198.D
 Acq: 20 Sep 2018 22:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.5	26.3

