

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113183.D
 Acq On : 20 Mar 2019 20:57
 Operator : JU/SJ
 Sample : K1971-07 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:23:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

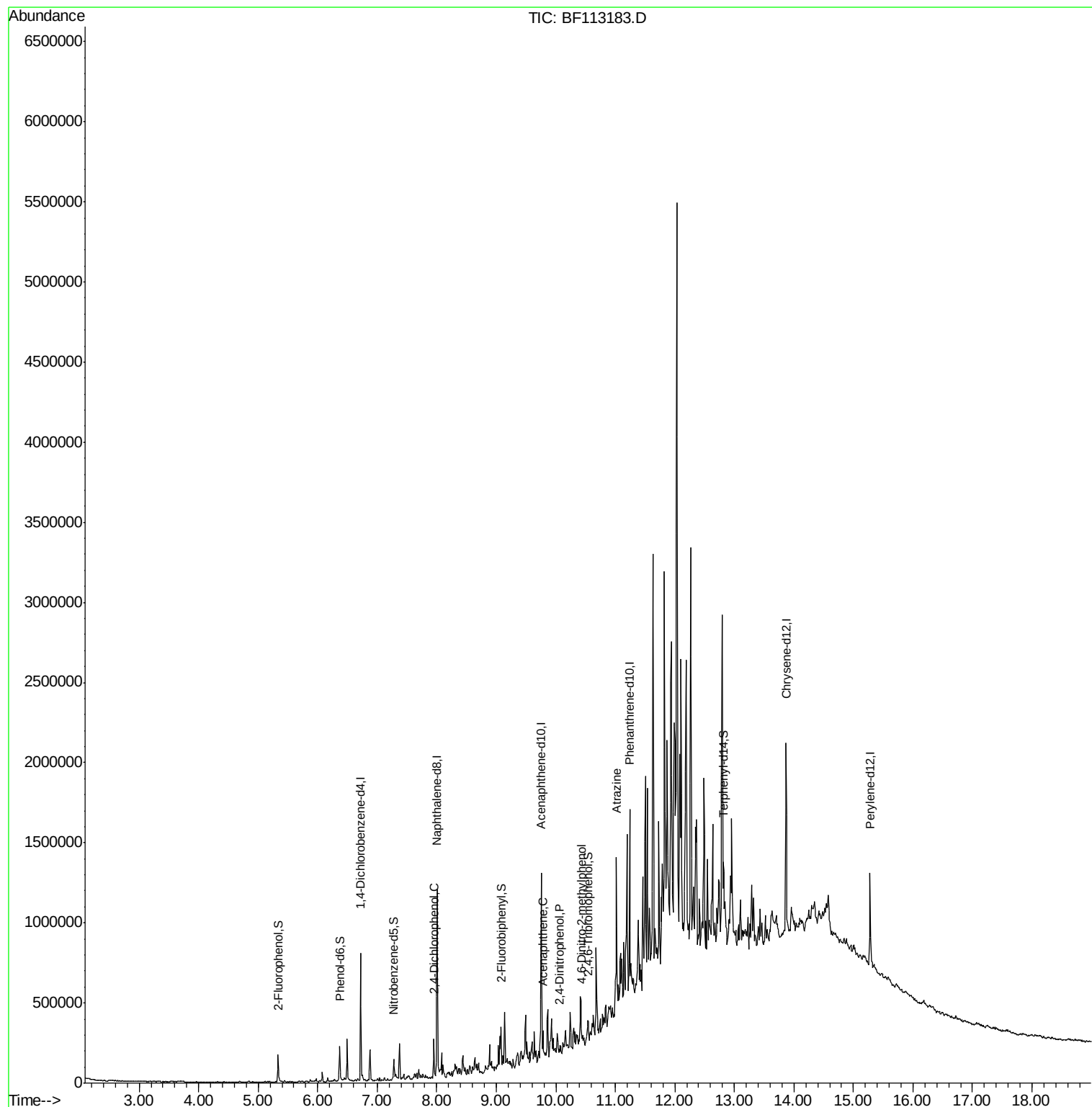
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112633	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	501944	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	211021	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	434980	20.00	ng	0.00
76) Chrysene-d12	13.87	240	410020	20.00	ng	0.00
87) Perylene-d12	15.28	264	276921	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	60038	8.29	ng	0.00
7) Phenol-d6	6.37	99	86015	9.46	ng	0.00
23) Nitrobenzene-d5	7.28	82	52768	6.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	21911	9.78	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	90039	4.30	ng	0.00
79) Terphenyl-d14	12.82	244	106049	5.01	ng	0.00
Target Compounds						
29) 2,4-Dichlorophenol	7.95	162	16588	2.366	ng	# 26
52) Acenaphthene	9.79	154	30261	2.268	ng	# 98
54) 2,4-Dinitrophenol	10.05	184	715	6.949	ng	# 85
65) 4,6-Dinitro-2-methylphenol	10.43	198	1263	5.251	ng	# 1
69) Atrazine	11.02	200	13592	3.181	ng	# 89

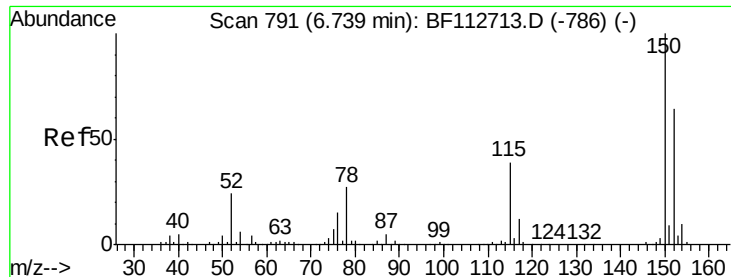
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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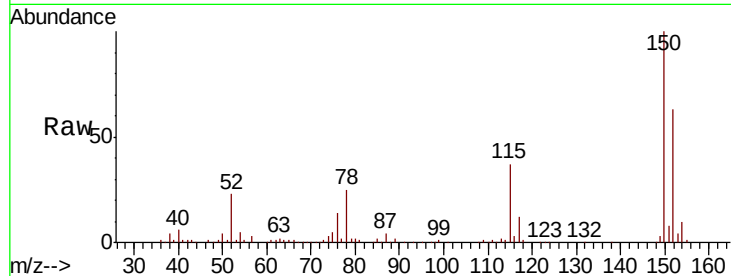


#1

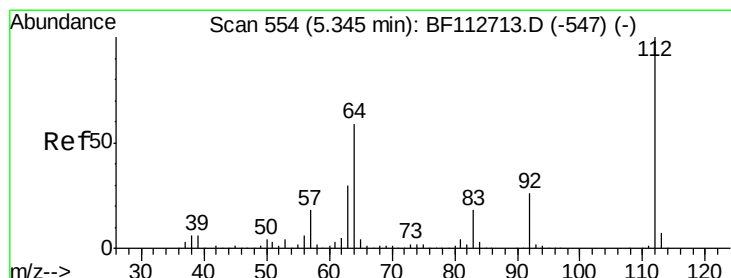
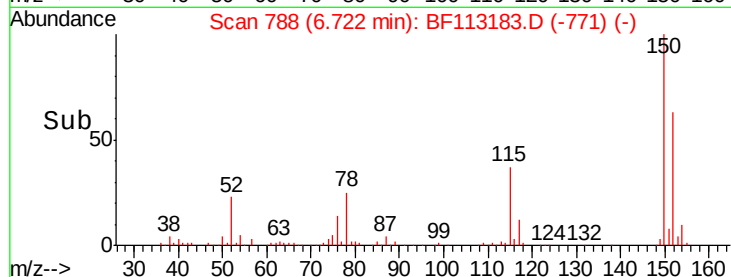
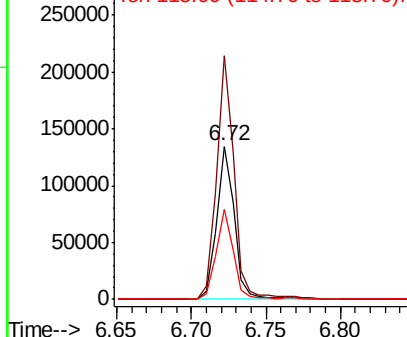
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112633
Ion Ratio Lower Upper
152 100
150 159.3 123.0 184.6
115 58.9 45.9 68.9



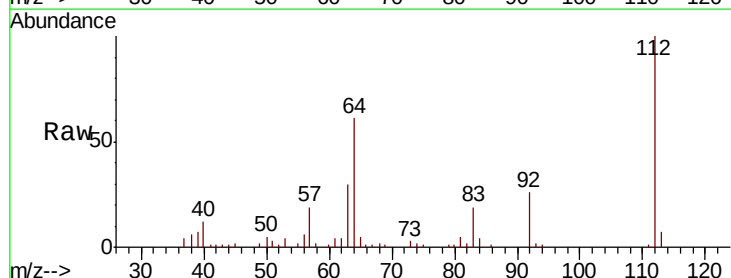
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



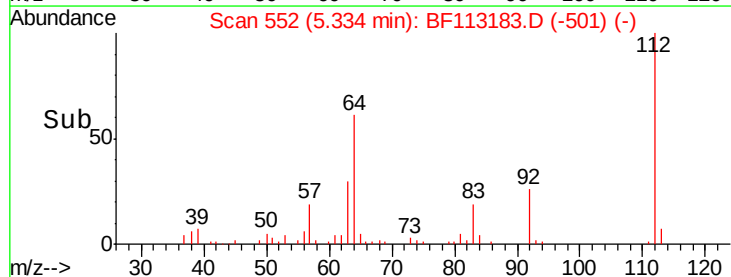
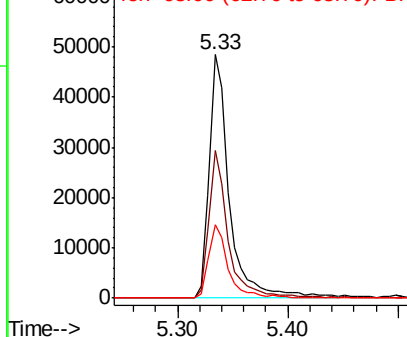
#5

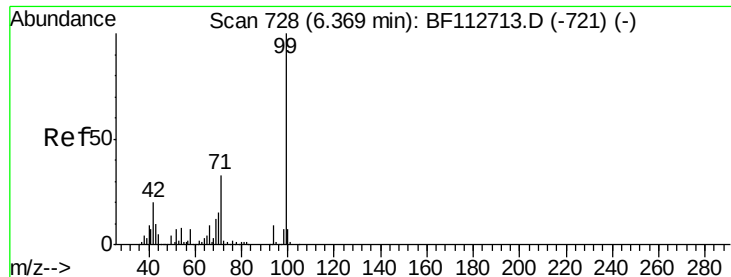
2-Fluorophenol
Concen: 8.292 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Tgt Ion:112 Resp: 60038
Ion Ratio Lower Upper
112 100
64 60.6 49.3 73.9
63 30.3 25.4 38.2



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: 9.457 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113183.D

Acq: 20 Mar 2019 20:57

Instrument :

BNA_F

ClientSampled :

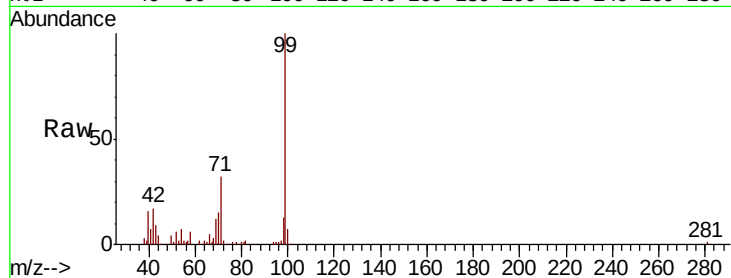
Tot Ion: 99 Resp: 86015

Ion Ratio Lower Upper

99 100

42 17.4 15.2 22.8

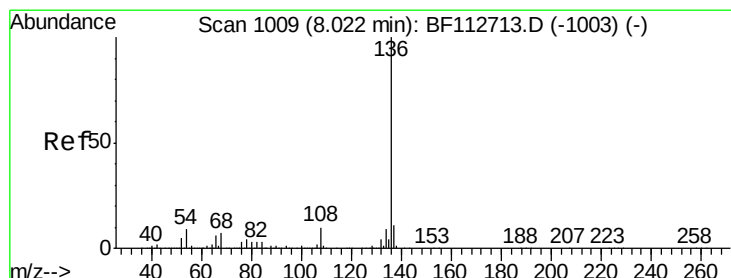
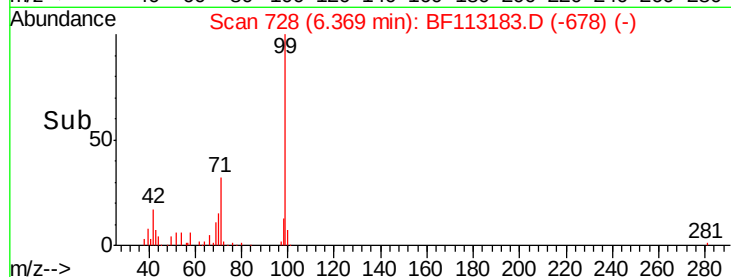
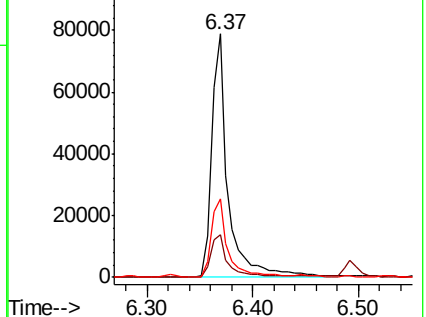
71 32.2 25.7 38.5



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# 1006

Delta R.T. -0.00 min

Lab File: BF113183.D

Acq: 20 Mar 2019 20:57

Tgt Ion: 136 Resp: 501944

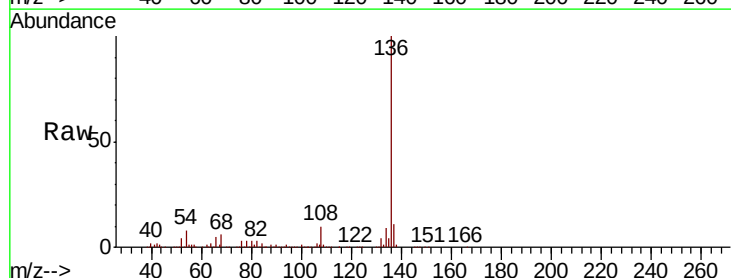
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 6.0 5.0 7.4

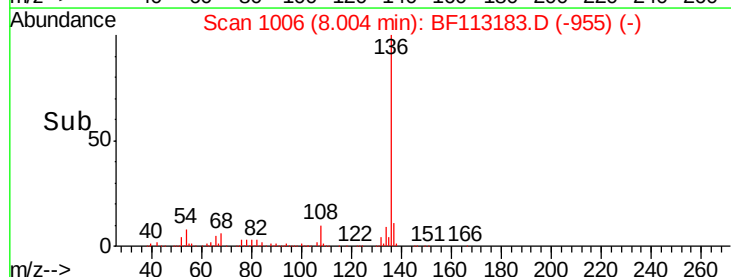
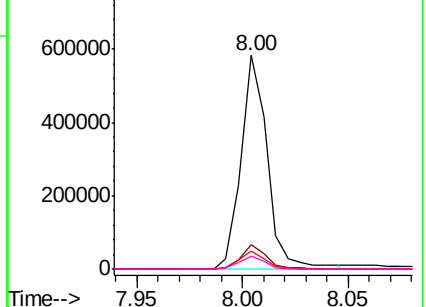


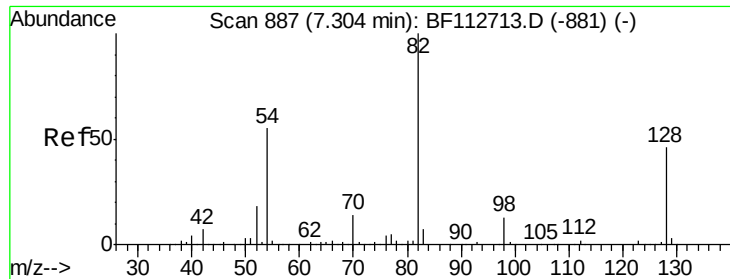
Abundance Ion 136.00 (135.70 to 136.70): E

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

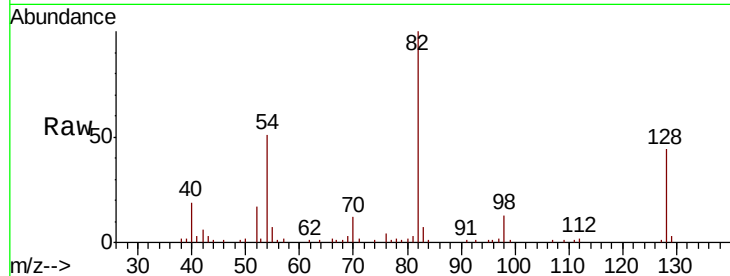




#23
Nitrobenzene-d5
Concen: 6.291 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	52768
Ion Ratio	Lower	Upper	
82	100		
128	43.6	37.9	56.9
54	51.1	41.2	61.8

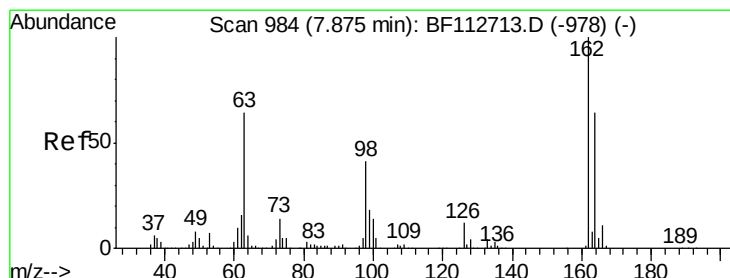
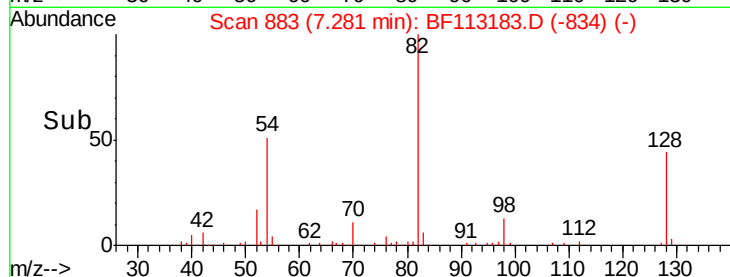
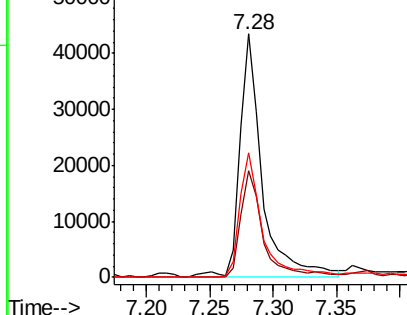


Abundance

Ion 82.00 (81.70 to 82.70): BF1

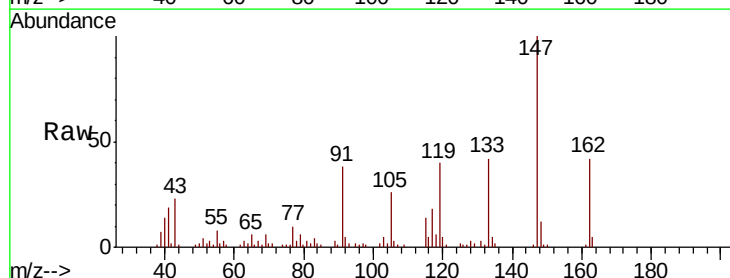
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#29
2,4-Dichlorophenol
Concen: 2.366 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.08 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Tgt Ion	162	Resp	16588
Ion Ratio	Lower	Upper	
162	100		
164	0.0	45.3	85.3#
98	1.9	14.6	54.6#

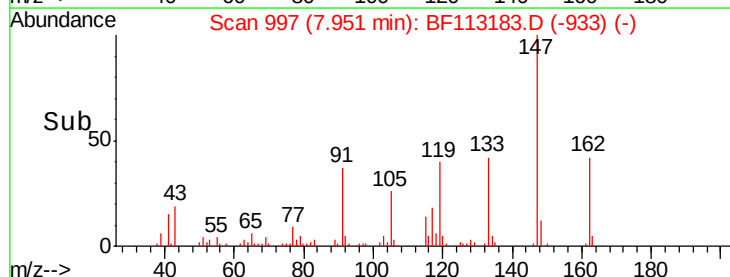
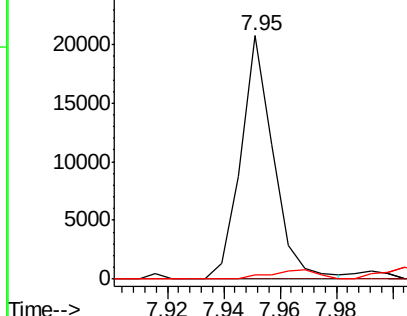


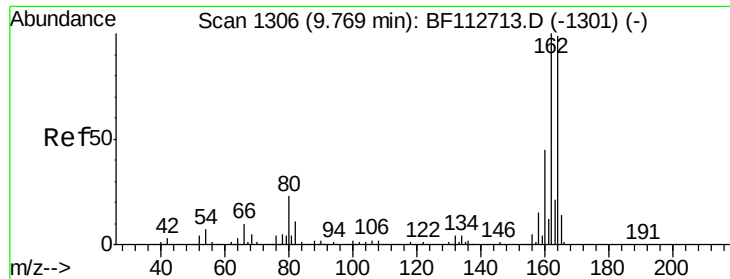
Abundance

Ion 162.00 (161.70 to 162.70): BF1

Ion 164.00 (163.70 to 164.70): BF1

Ion 98.00 (97.70 to 98.70): BF1

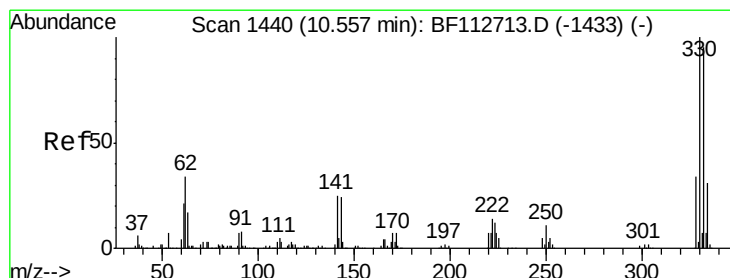
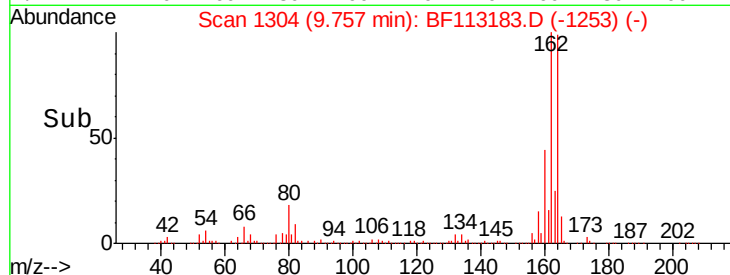
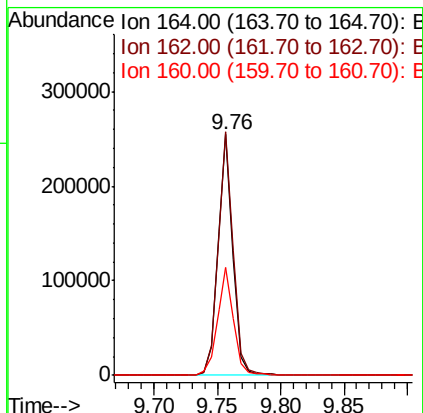
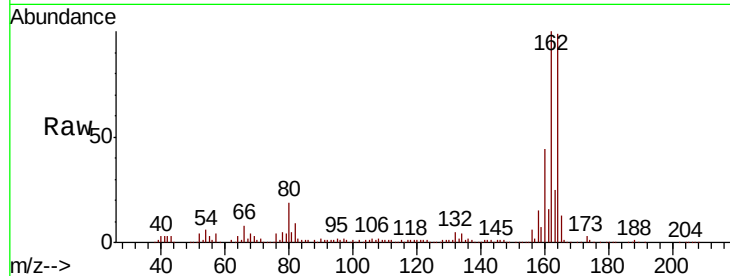




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113183.D
 Acq: 20 Mar 2019 20:57

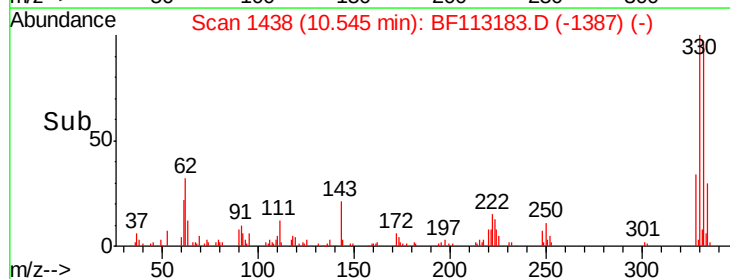
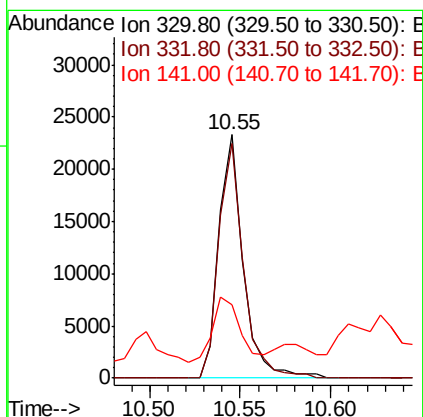
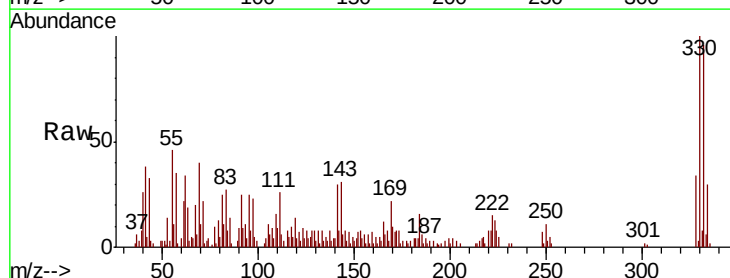
Instrument :
 BNA_F
 ClientSampleId :

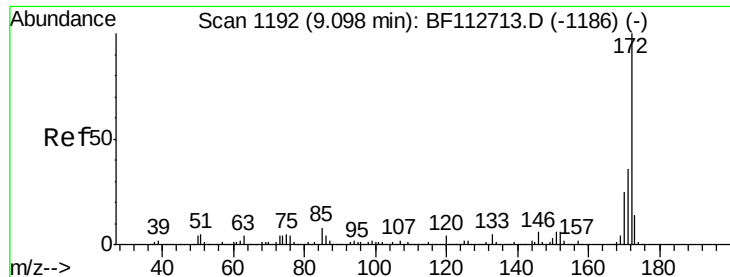
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	44.8	36.2	54.2



#42
 2,4,6-Tribromophenol
 Concen: 9.781 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113183.D
 Acq: 20 Mar 2019 20:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.3	114.5
141	30.5	22.3	33.5

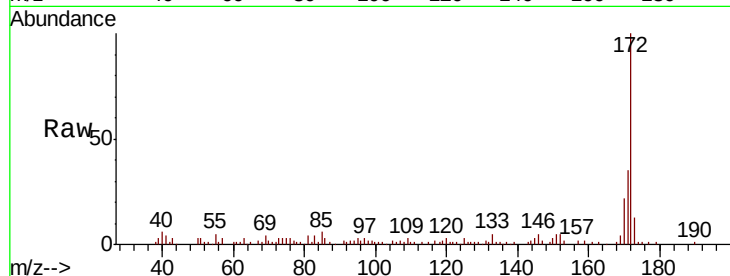




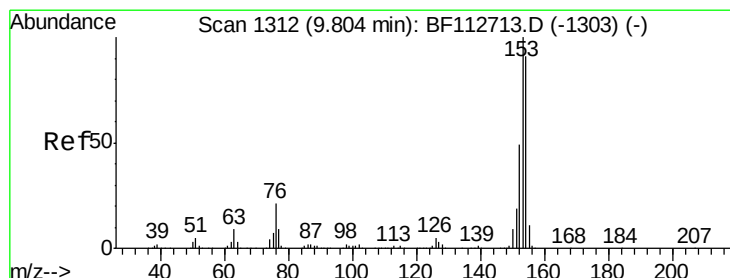
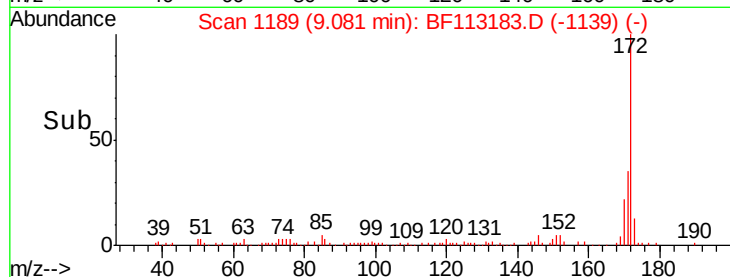
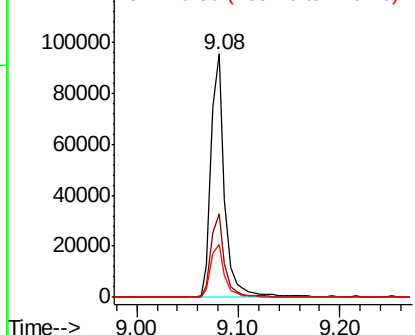
#45
2-Fluorobiphenyl
Concen: 4.300 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 90039
Ion Ratio Lower Upper
172 100
171 34.6 29.0 43.4
170 21.8 20.1 30.1

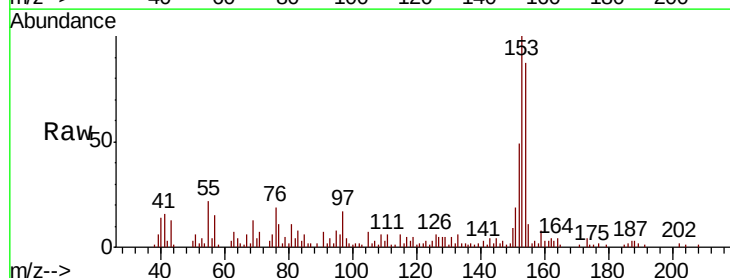


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

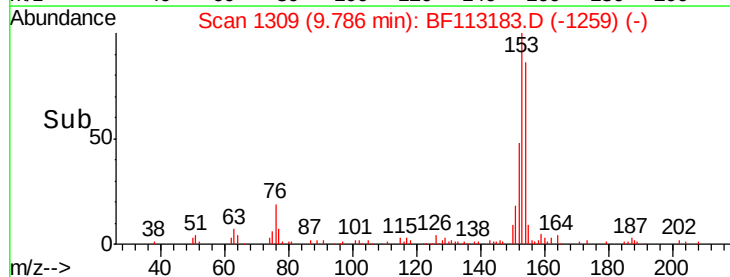
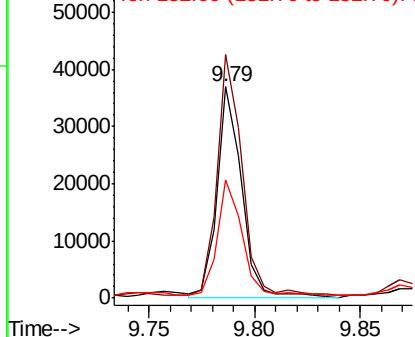


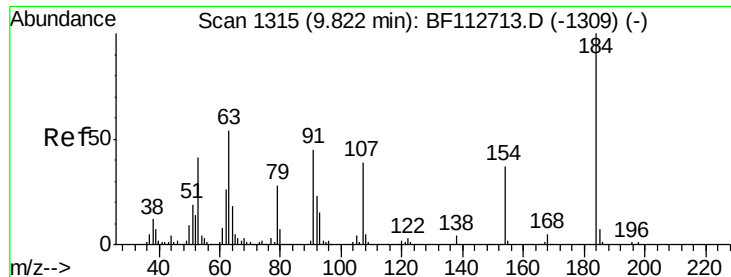
#52
Acenaphthene
Concen: 2.268 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Tgt Ion:154 Resp: 30261
Ion Ratio Lower Upper
154 100
153 115.1 89.9 134.9
152 55.9 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

2,4-Dinitrophenol

Concen: 6.949 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.23 min

Lab File: BF113183.D

Acq: 20 Mar 2019 20:57

Instrument :

BNA_F

ClientSampleId :

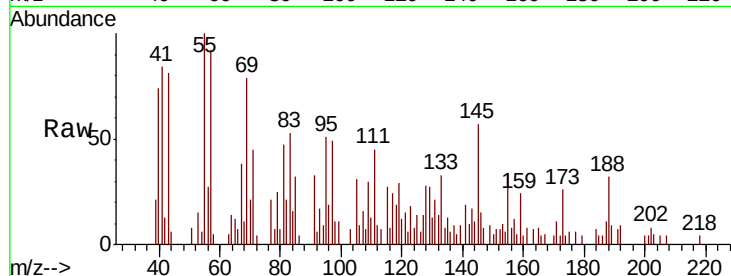
Tot Ion:184 Resp: 715

Ion Ratio Lower Upper

184 100

63 65.1 52.1 78.1

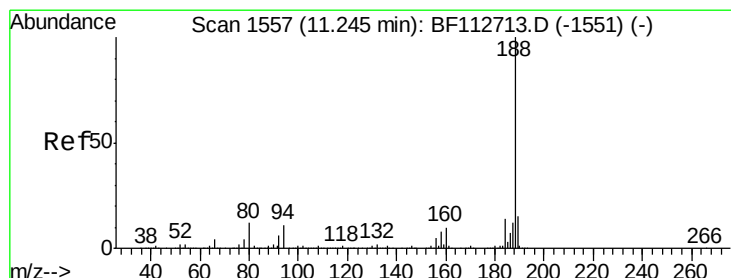
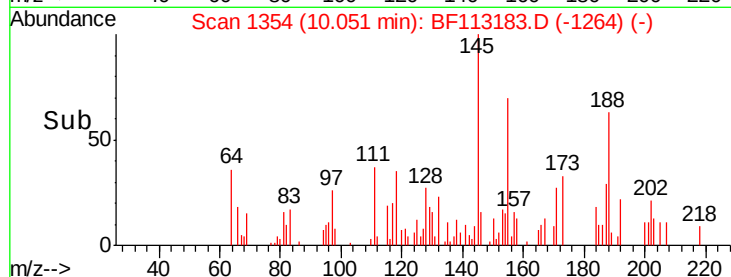
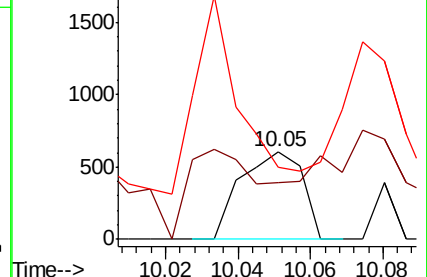
154 81.6 46.2 69.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF113183.D

Acq: 20 Mar 2019 20:57

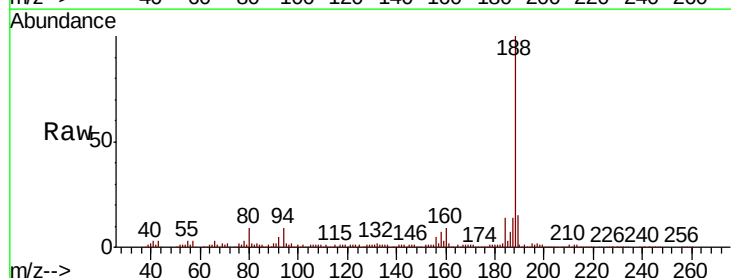
Tgt Ion:188 Resp: 434980

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

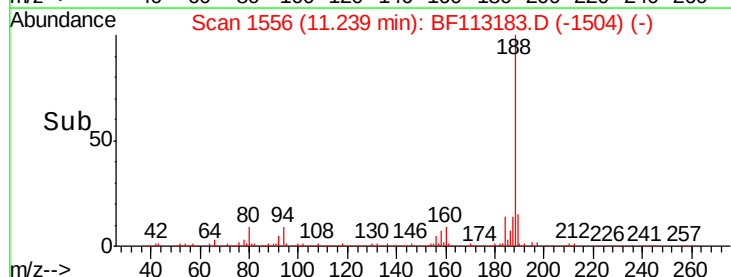
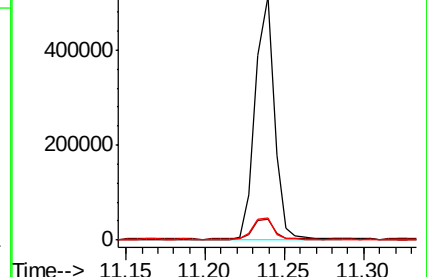
80 9.2 7.9 11.9

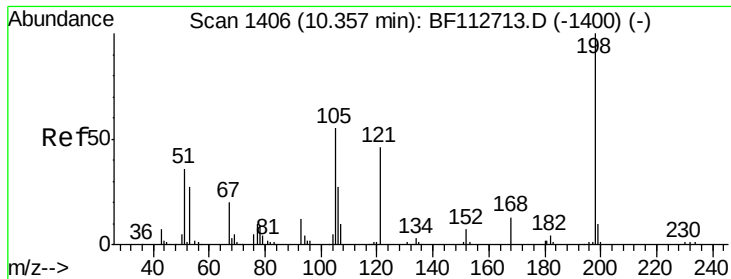


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.251 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.07 min

Lab File: BF113183.D

Acq: 20 Mar 2019 20:57

Instrument :

BNA_F

ClientSampled :

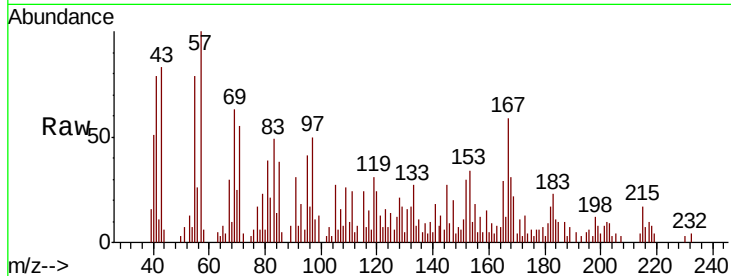
Tot Ion:198 Resp: 1263

Ion Ratio Lower Upper

198 100

51 61.3 25.5 65.5

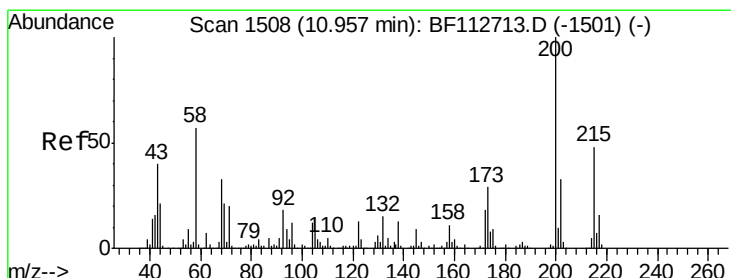
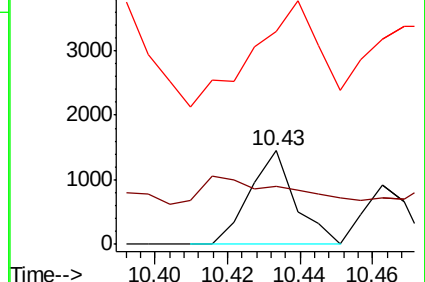
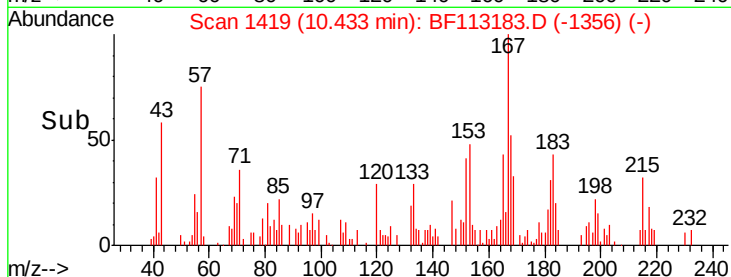
105 226.3 23.2 63.2#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#69

Atrazine

Concen: 3.181 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.08 min

Lab File: BF113183.D

Acq: 20 Mar 2019 20:57

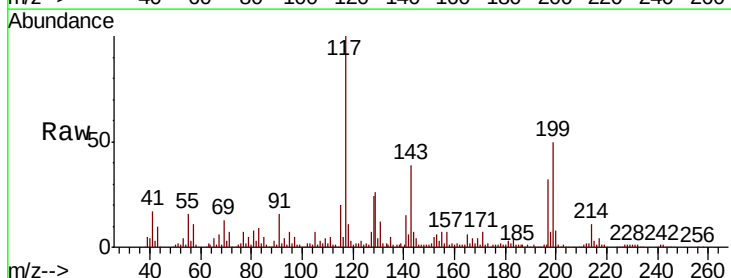
Tgt Ion:200 Resp: 13592

Ion Ratio Lower Upper

200 100

173 20.5 8.2 48.2

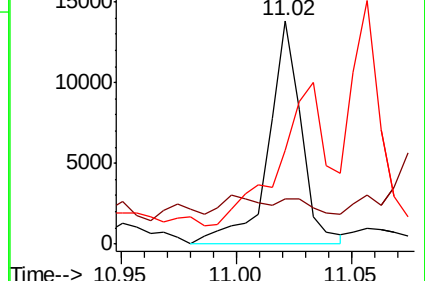
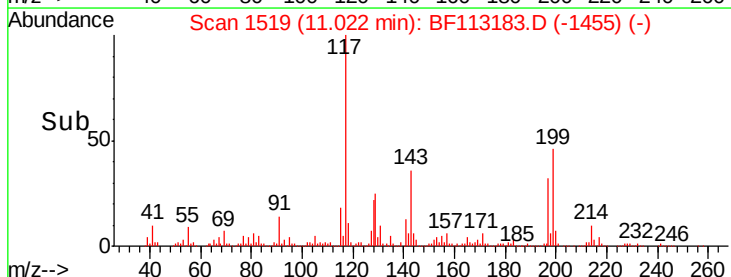
215 41.8 28.3 68.3

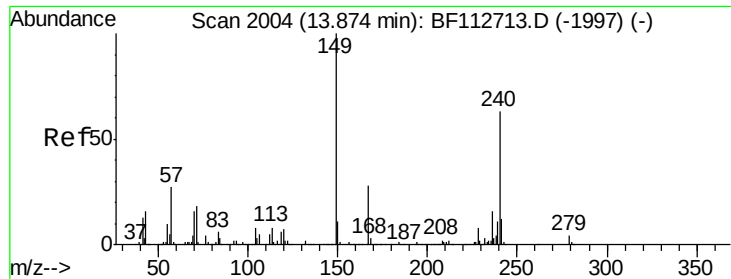


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

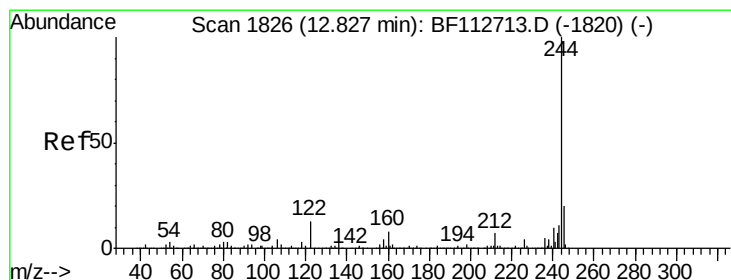
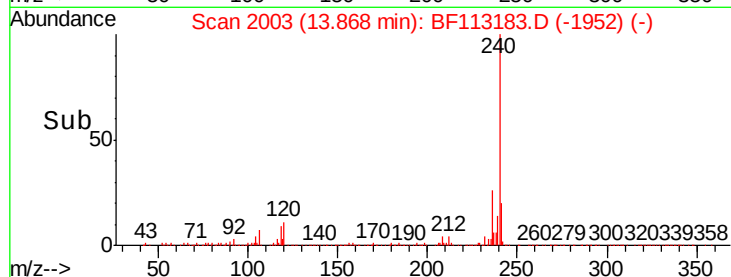
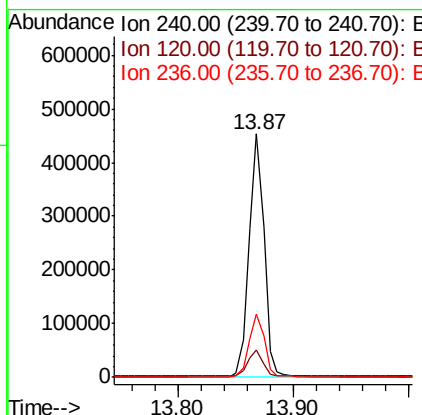
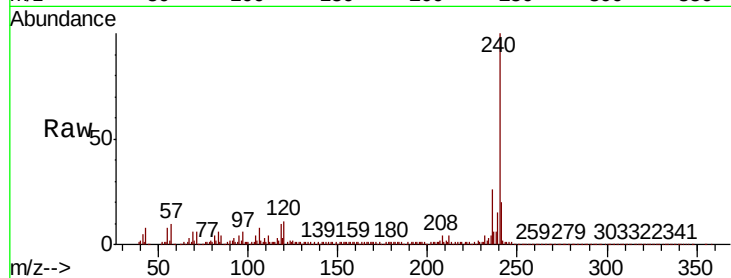




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113183.D
 Acq: 20 Mar 2019 20:57

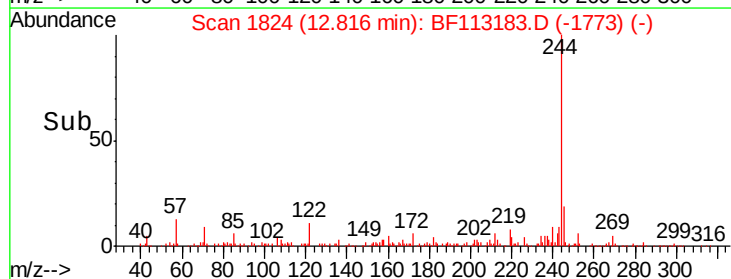
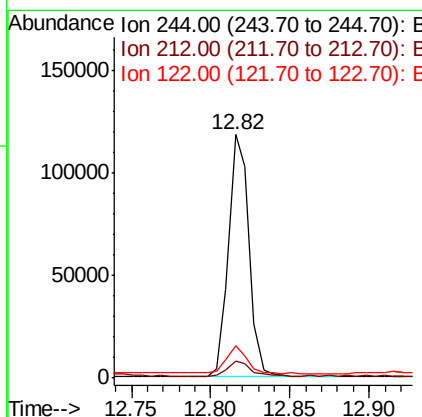
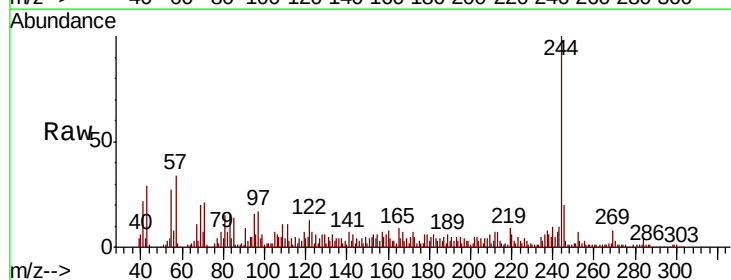
Instrument :
 BNA_F
 ClientSampleId :

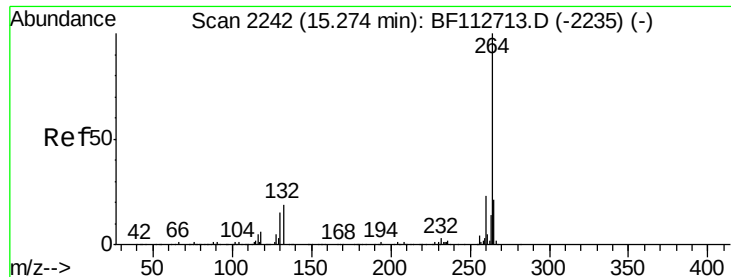
Tot Ion:240 Resp: 410020
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.6 12.8
 236 26.0 21.2 31.8



#79
 Terphenyl-d14
 Concen: 5.014 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113183.D
 Acq: 20 Mar 2019 20:57

Tgt Ion:244 Resp: 106049
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 13.1 9.4 14.2

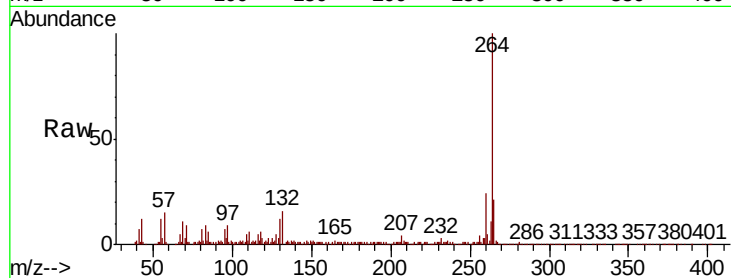




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113183.D
Acq: 20 Mar 2019 20:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

