

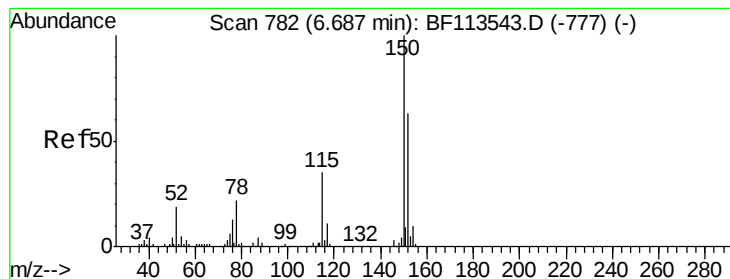
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113690.D
 Acq On : 10 Apr 2019 9:03
 Operator : JU/SJ
 Sample : K2333-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 11:38:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	109769	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	406003	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	189123	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	341372	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	304864	20.00	ng	-0.02
87) Perylene-d12	15.23	264	304098	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	261611	40.64	ng	0.00
7) Phenol-d6	6.33	99	224520	28.30	ng	0.00
23) Nitrobenzene-d5	7.25	82	622644	89.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	205262	90.35	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1151816	98.05	ng	-0.02
79) Terphenyl-d14	12.77	244	956031	63.85	ng	-0.02
Target Compounds						
25) Isophorone	7.25	82	622638	46.632	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	254942	46.419	ng	# 6
32) Benzoic acid	7.82	122	260970	61.363	ng	99
50) Dimethylphthalate	9.43	163	57526	4.126	ng	97
67) 4-Bromophenyl-phenylether	10.50	248	10634	2.777	ng	# 1

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

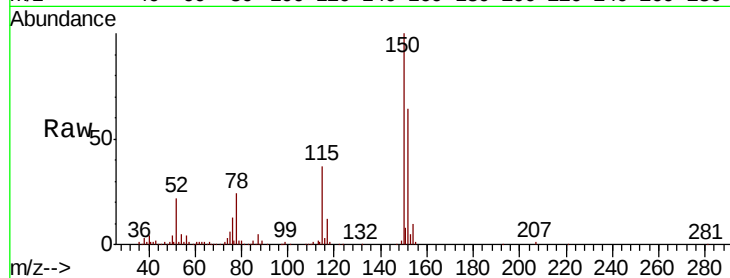


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.7	187.1
115	58.4	46.0	69.0

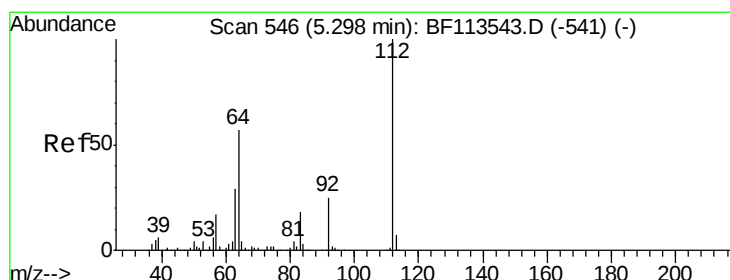
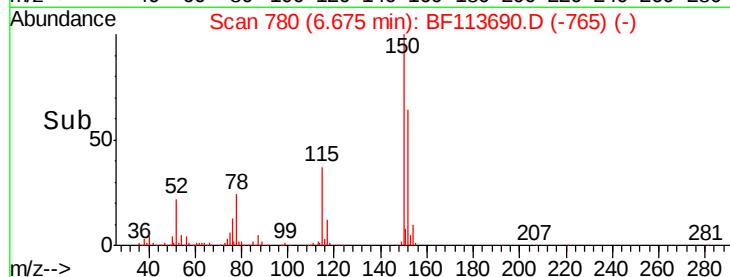
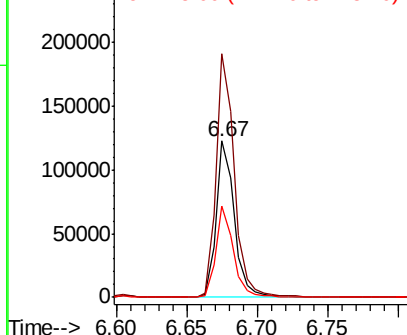


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

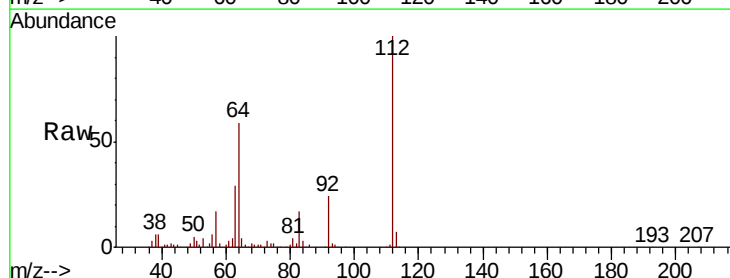
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.641 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	29.5	24.9	37.3

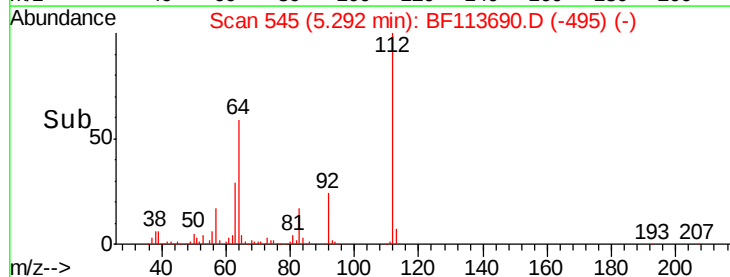
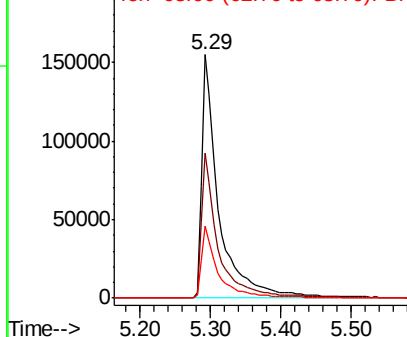


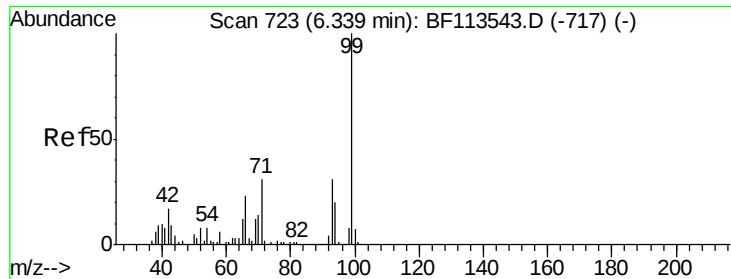
Abundance

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: 28.299 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113690.D

Acq: 10 Apr 2019 9:03

Instrument :

BNA_F

ClientSampleId :

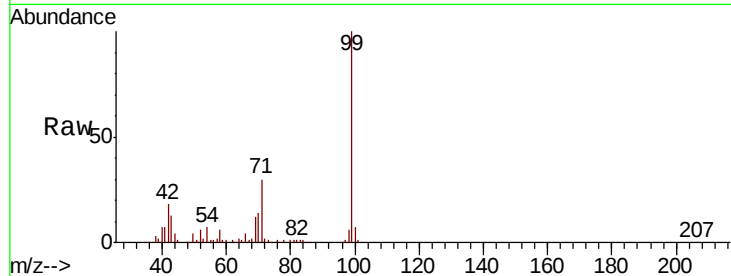
Tot Ion: 99 Resp: 224520

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

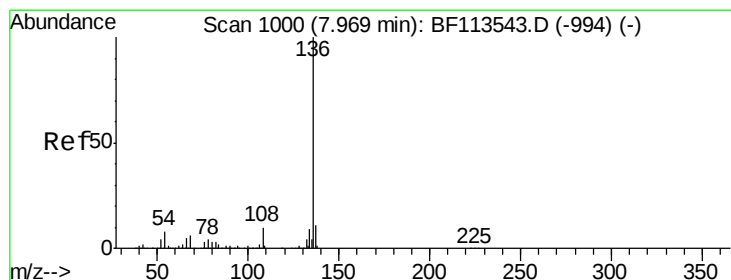
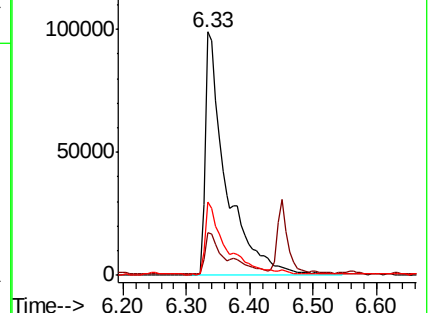
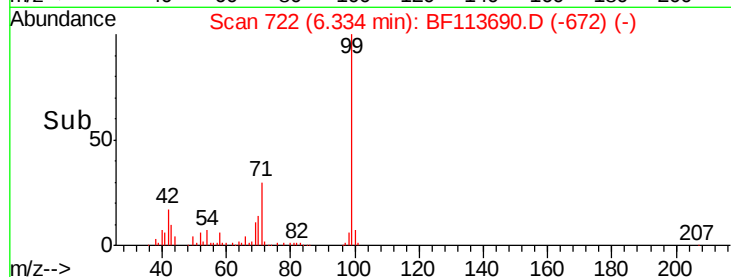
71 29.9 24.9 37.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113690.D

Acq: 10 Apr 2019 9:03

Tgt Ion: 136 Resp: 406003

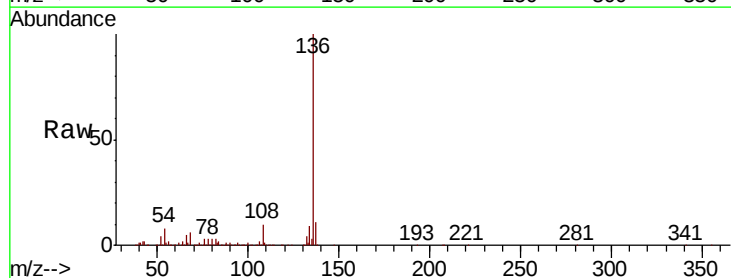
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.5 7.0 10.6

68 6.2 4.8 7.2

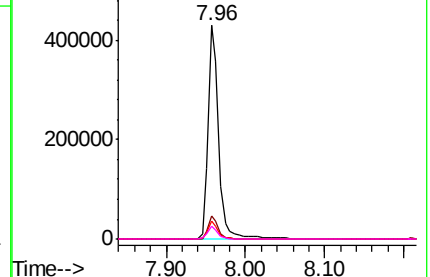
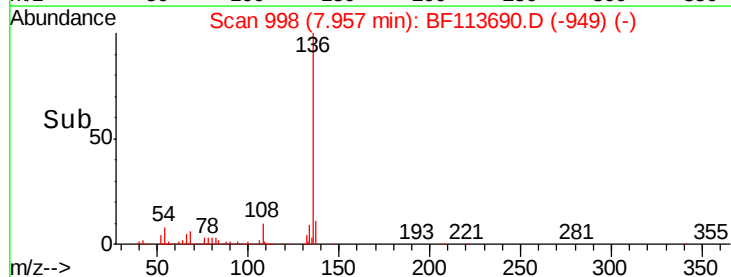


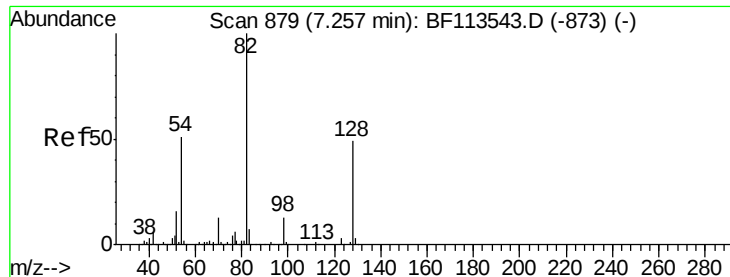
Abundance Ion 136.00 (135.70 to 136.70): E

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

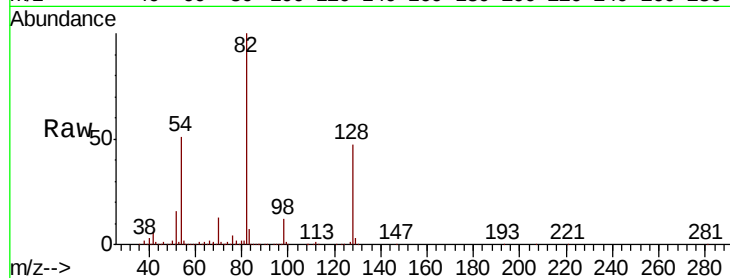




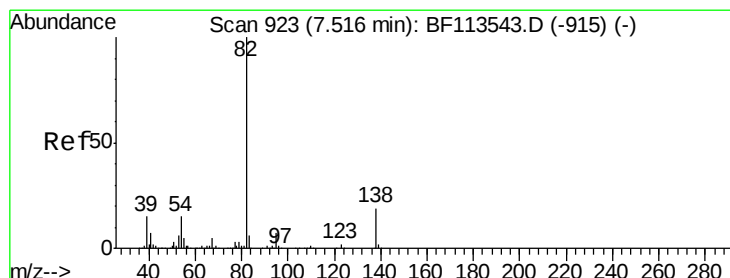
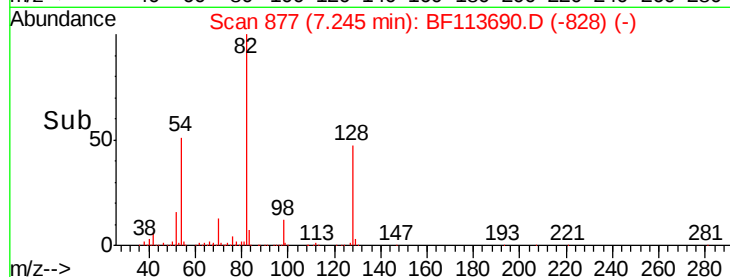
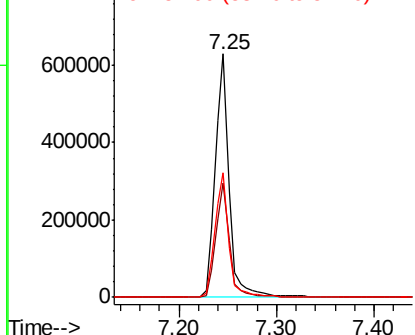
#23
Nitrobenzene-d5
Concen: 89.831 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	622644
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.5	54.7
54	51.3	42.2	63.2

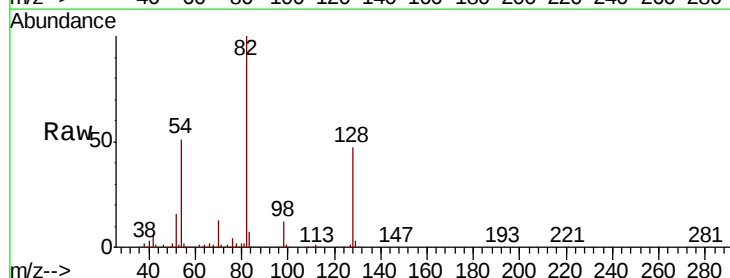


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

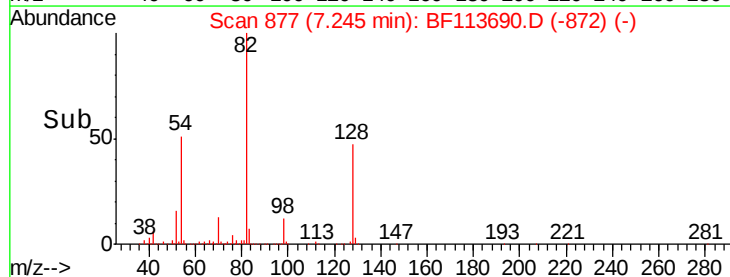
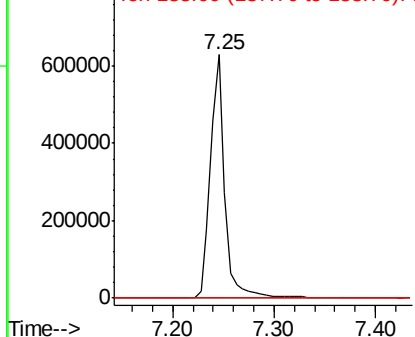


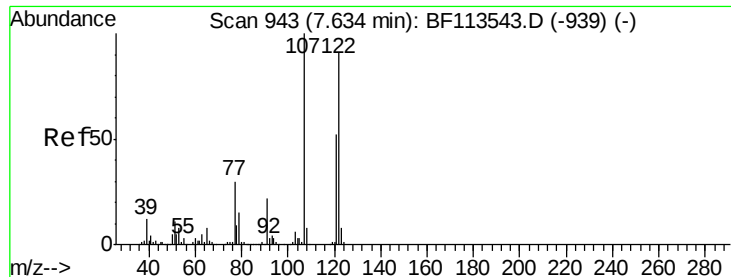
#25
Isophorone
Concen: 46.632 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

Tgt Ion	82	Resp	622638
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.5	8.3#
138	0.0	15.2	22.8#



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

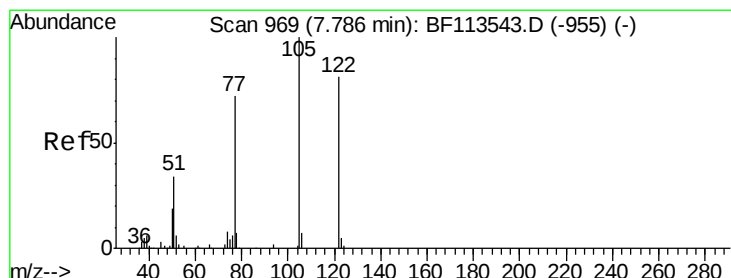
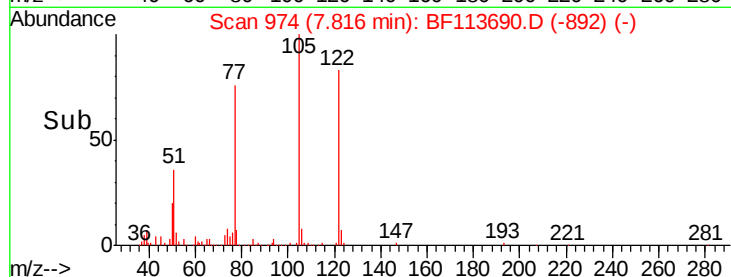
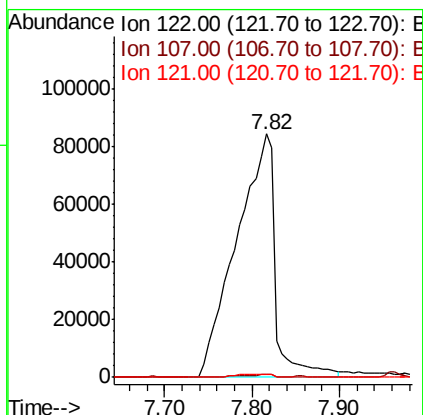
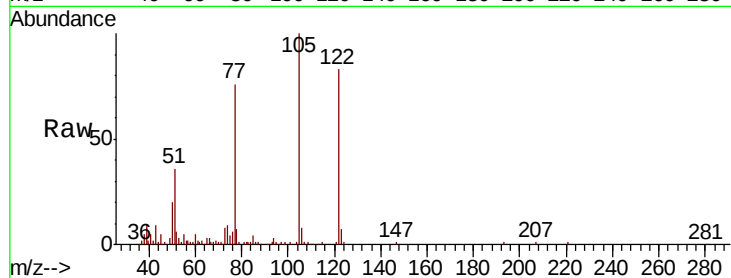




#27
2,4-Dimethylphenol
Concen: 46.419 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.18 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

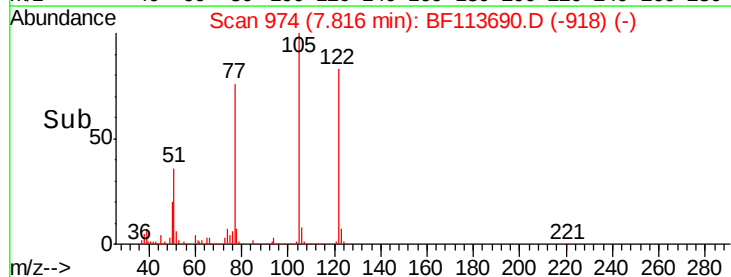
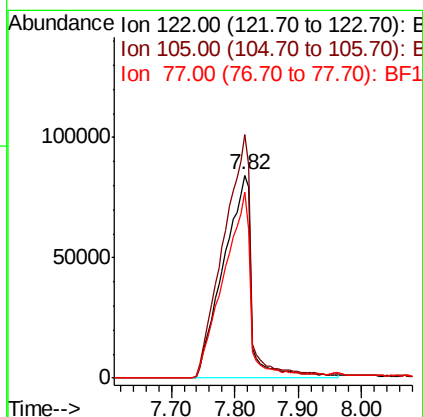
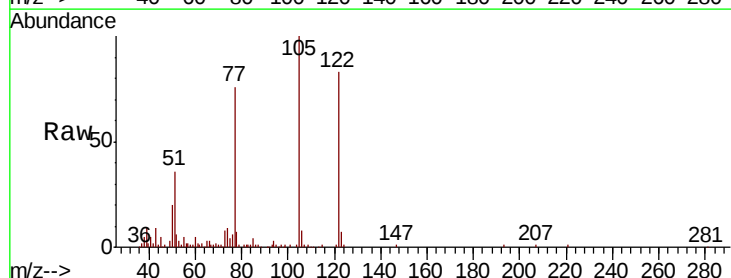
Instrument :
BNA_F
ClientSampled :

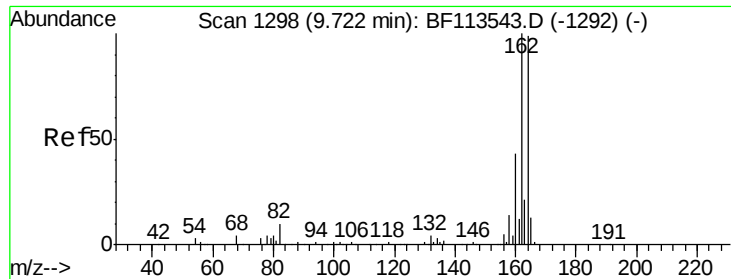
Tot Ion	Ratio	Lower	Upper
122	100		
107	1.3	88.8	133.2#
121	1.3	45.5	68.3#



#32
Benzoic acid
Concen: 61.363 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.03 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	100.4	140.4
77	91.4	69.0	109.0

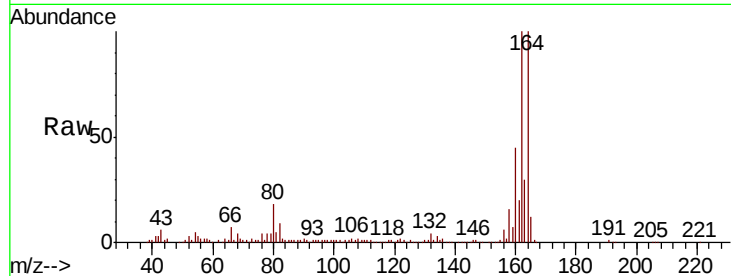




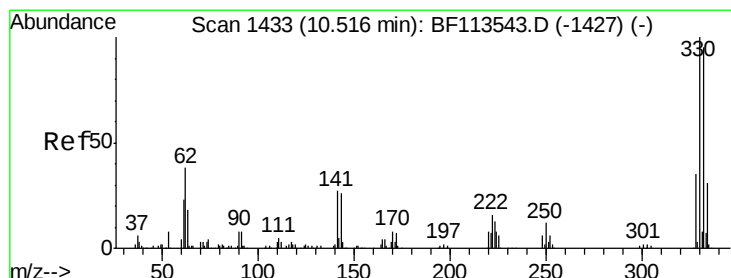
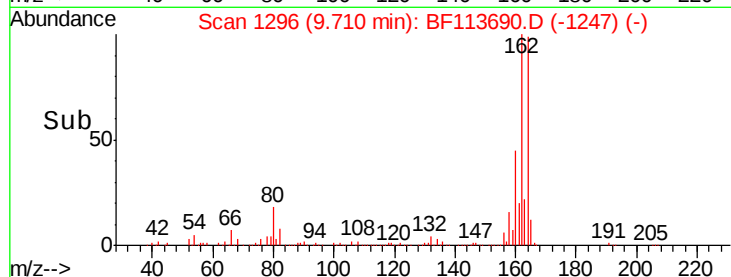
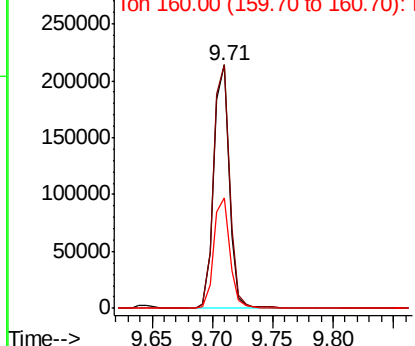
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113690.D
 Acq: 10 Apr 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.6
160	45.5	36.4	54.6

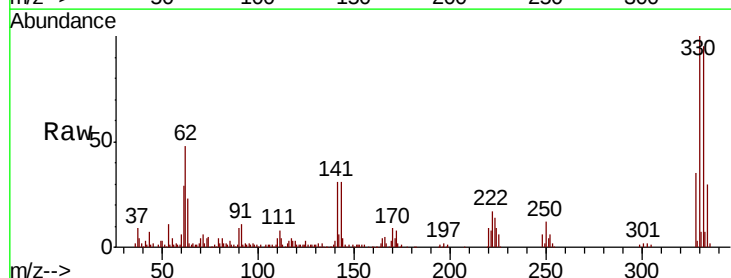


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

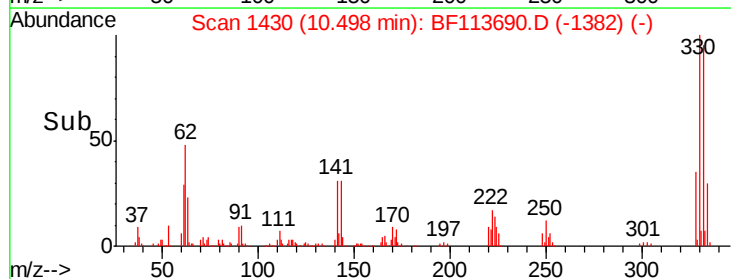
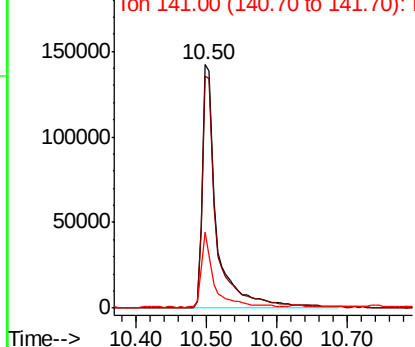


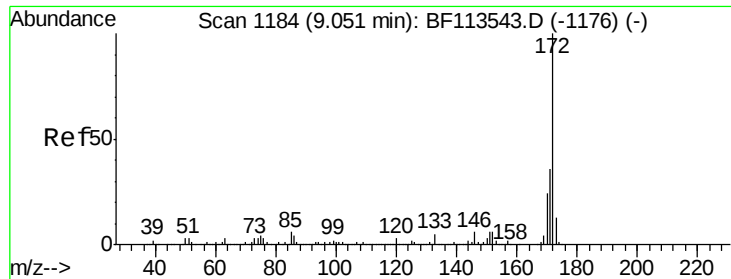
#42
 2,4,6-Tribromophenol
 Concen: 90.351 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113690.D
 Acq: 10 Apr 2019 9:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.1	22.7	34.1



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

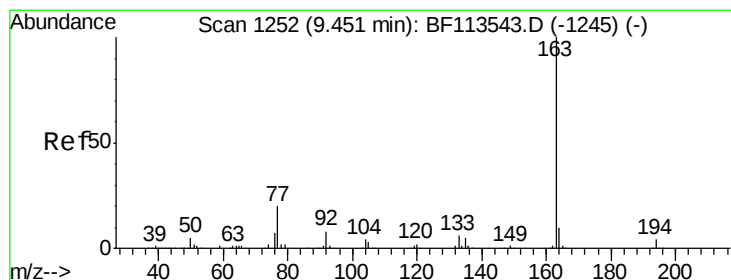
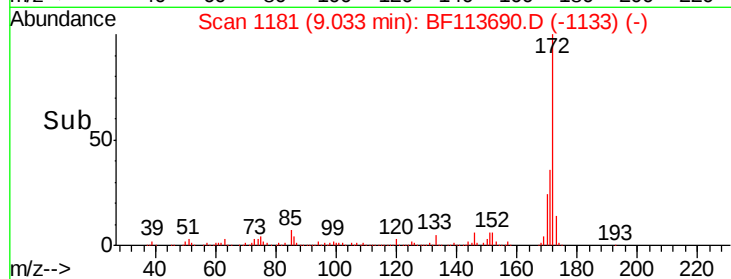
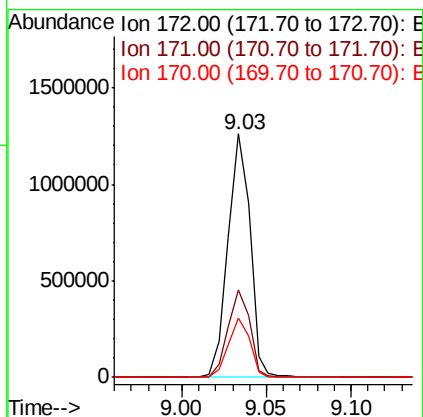
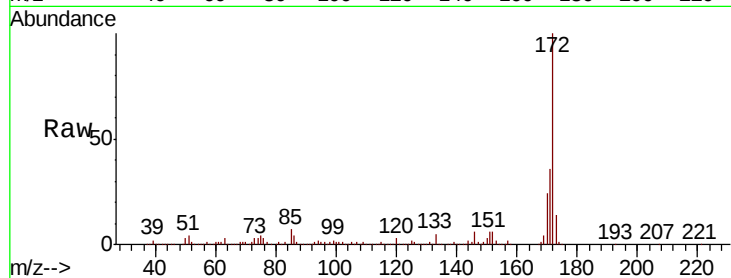




#45
2-Fluorobiphenyl
Concen: 98.047 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

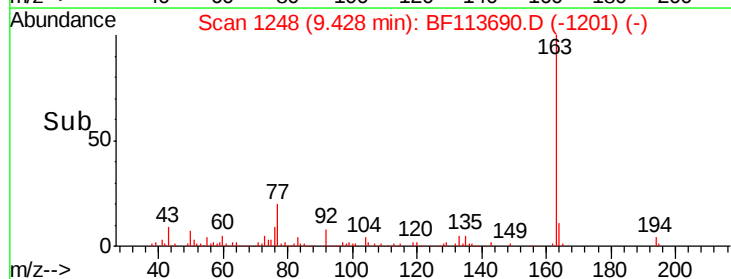
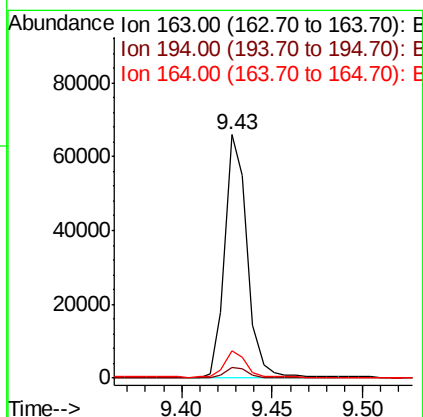
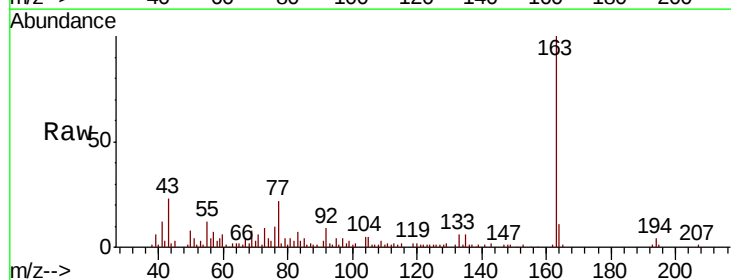
Instrument :
BNA_F
ClientSampleId :

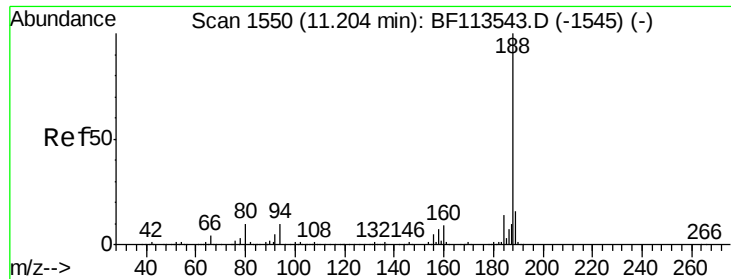
Tot Ion:172 Resp: 1151816
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 4.126 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF113690.D
Acq: 10 Apr 2019 9:03

Tgt Ion:163 Resp: 57526
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 11.3 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113690.D

Acq: 10 Apr 2019 9:03

Instrument :

BNA_F

ClientSampleId :

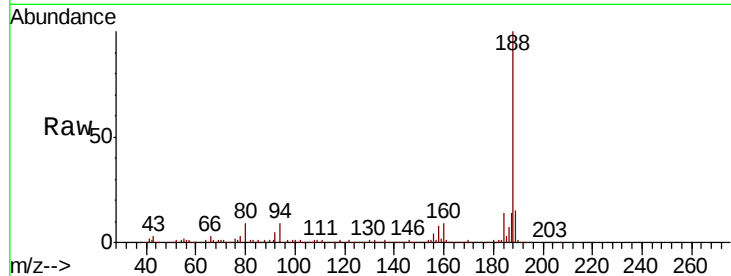
Tot Ion:188 Resp: 341372

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

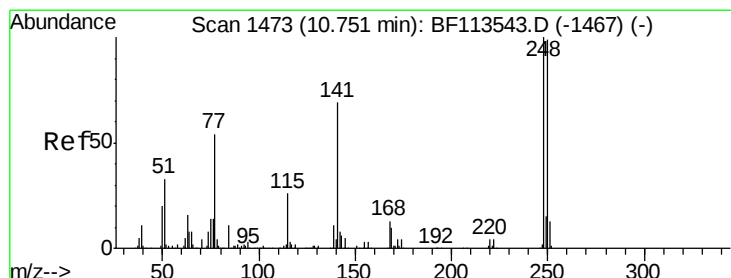
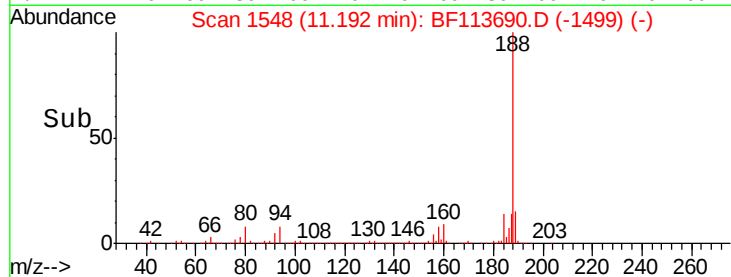
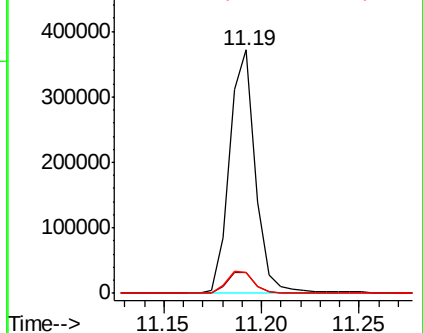
80 8.6 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 2.777 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.25 min

Lab File: BF113690.D

Acq: 10 Apr 2019 9:03

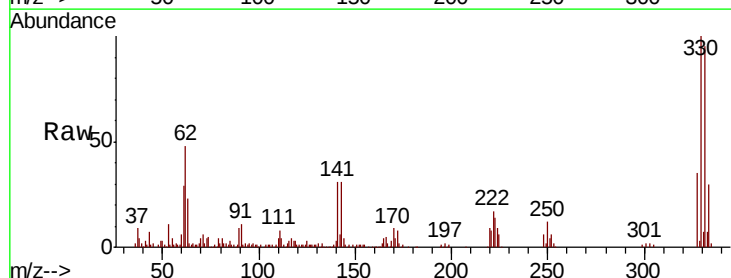
Tgt Ion:248 Resp: 10634

Ion Ratio Lower Upper

248 100

250 207.1 78.3 117.5#

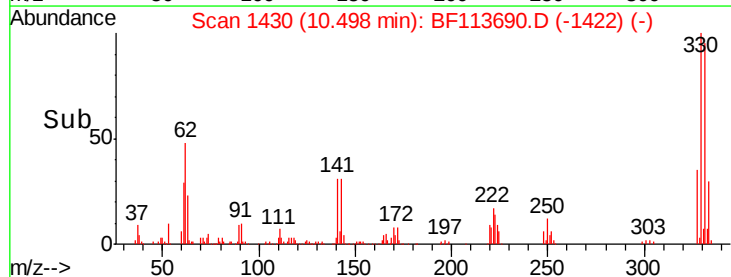
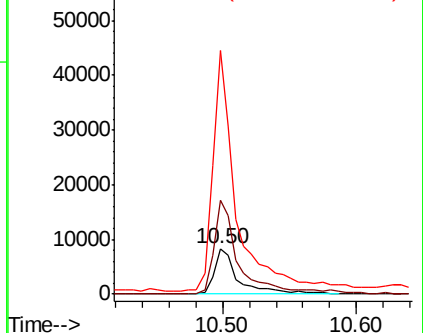
141 534.0 56.2 84.4#

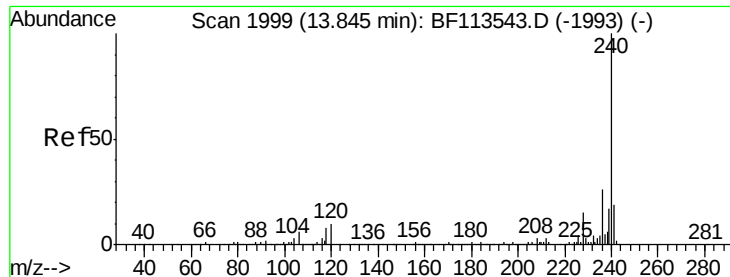


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113690.D

Acq: 10 Apr 2019 9:03

Instrument :

BNA_F

ClientSampleId :

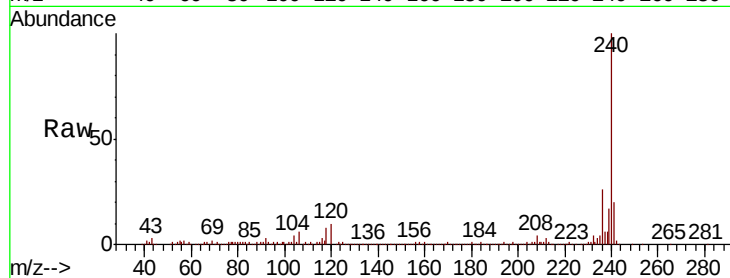
Tot Ion:240 Resp: 304864

Ion Ratio Lower Upper

240 100

120 10.0 8.8 13.2

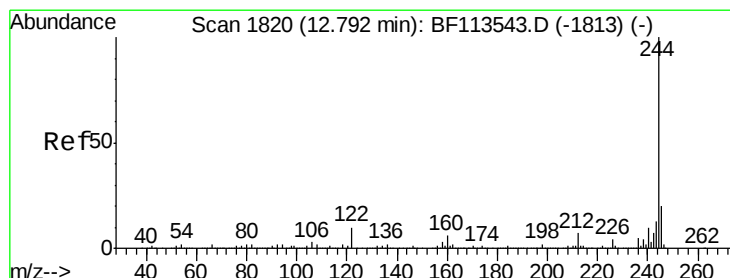
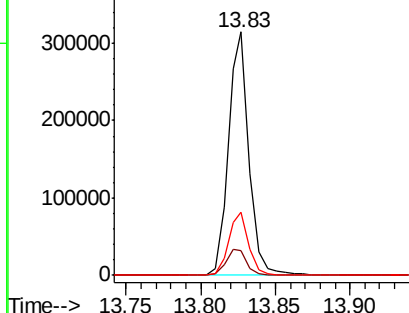
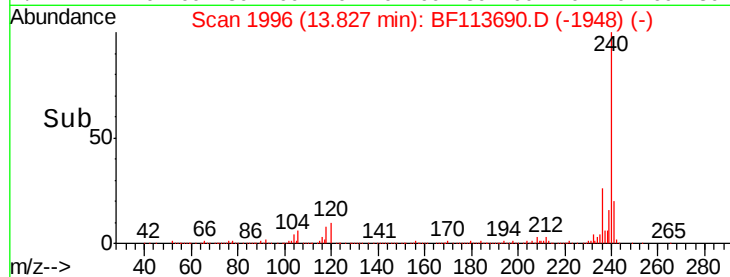
236 25.8 20.9 31.3



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



#79

Terphenyl-d14

Concen: 63.848 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113690.D

Acq: 10 Apr 2019 9:03

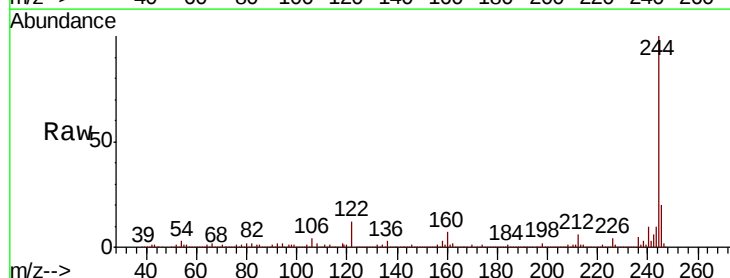
Tgt Ion:244 Resp: 956031

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

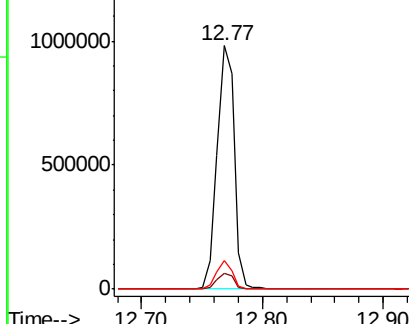
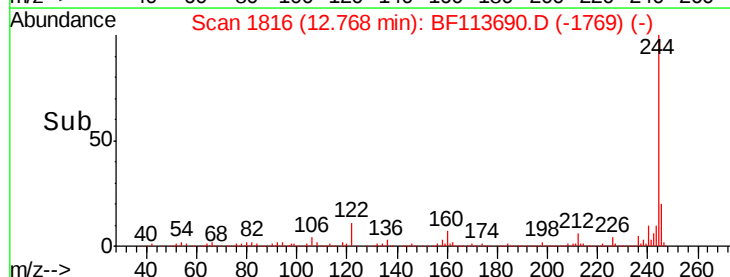
122 11.6 8.6 13.0

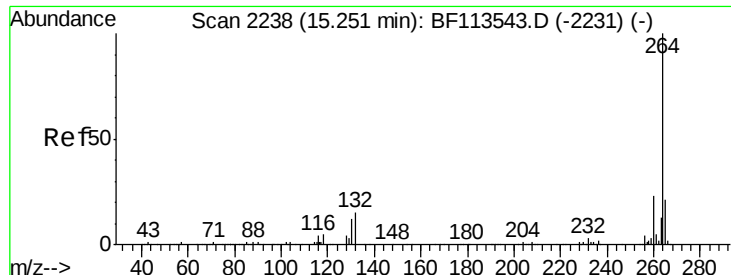


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113690.D
 Acq: 10 Apr 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	20.7	17.1	25.7

