

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113654.D
 Acq On : 9 Apr 2019 10:53
 Operator : JU/SJ
 Sample : K2129-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Apr 09 11:30:18 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

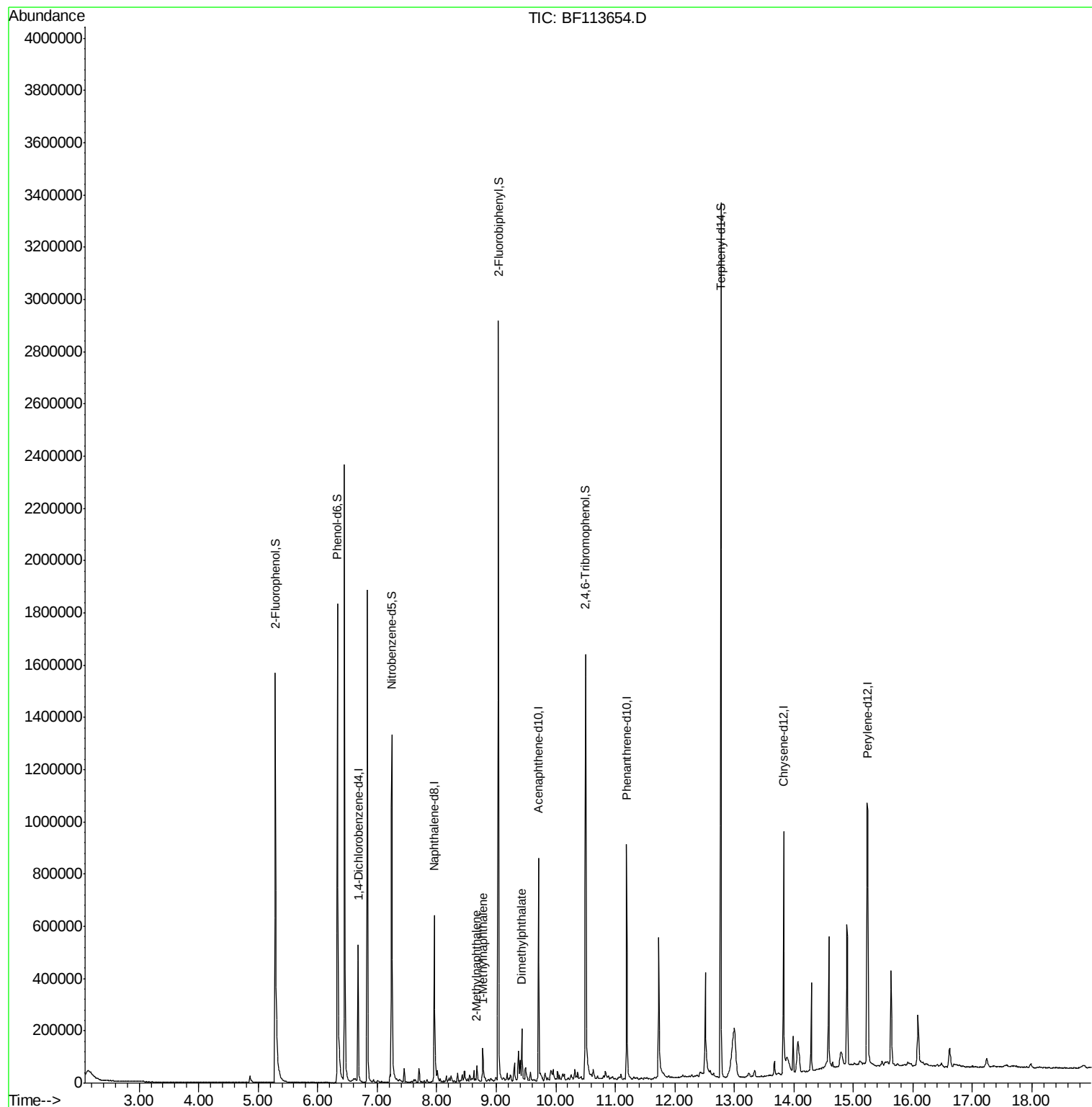
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	88617	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	330520	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	164839	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	347257	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	344996	20.00	ng	-0.02
87) Perylene-d12	15.23	264	328882	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	641222	123.39	ng	0.00
7) Phenol-d6	6.33	99	818713	127.82	ng	0.00
23) Nitrobenzene-d5	7.25	82	464497	82.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	274382	138.57	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	951866	92.96	ng	-0.02
79) Terphenyl-d14	12.77	244	1232120	72.71	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.67	142	21607	2.051	ng	96
38) 1-Methylnaphthalene	8.77	142	38318	3.773	ng	97
50) Dimethylphthalate	9.43	163	90804	7.473	ng	99

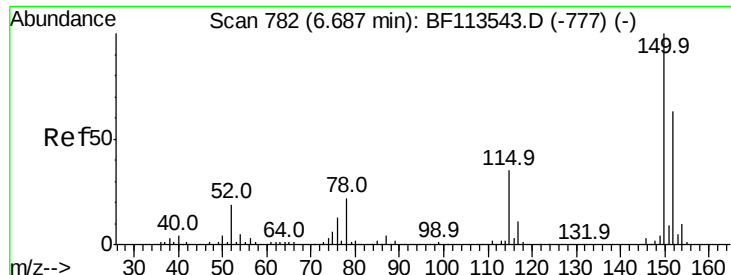
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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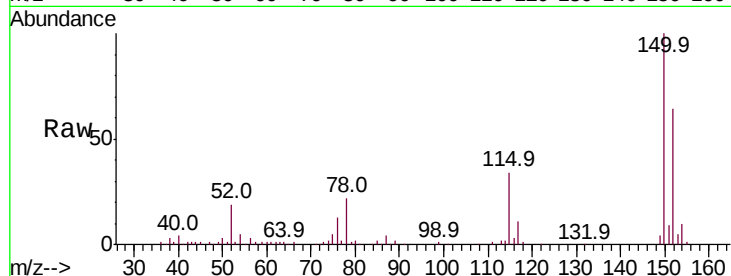


#1

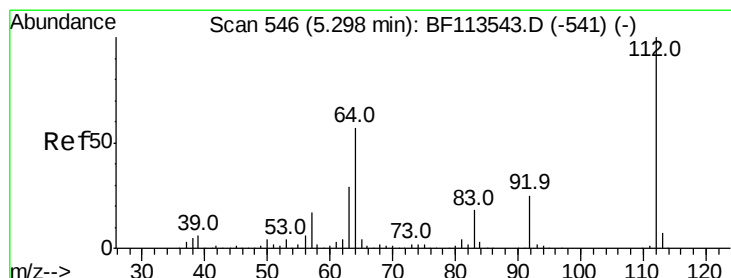
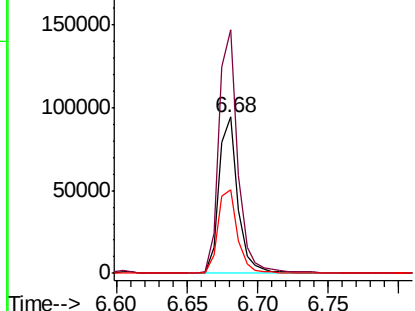
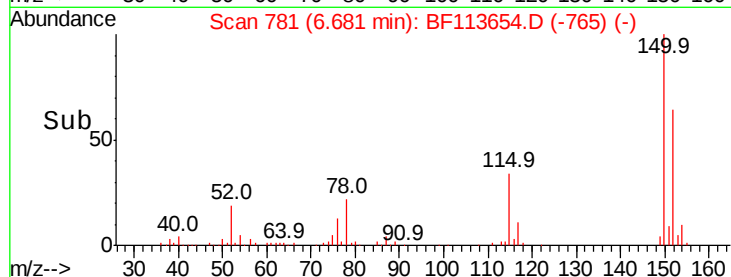
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	53.5	46.0	69.0



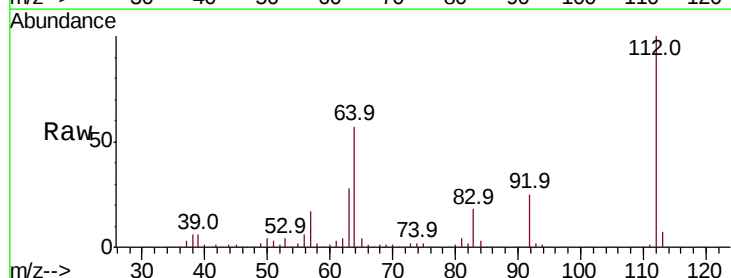
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



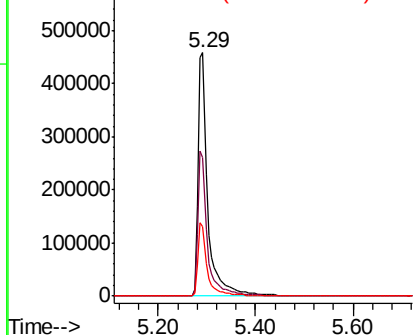
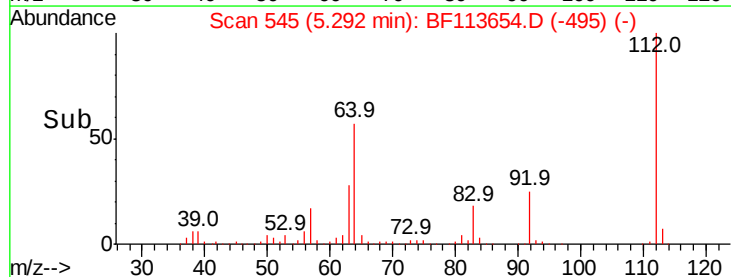
#5

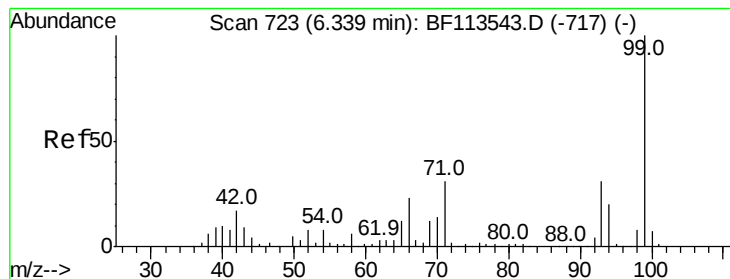
2-Fluorophenol
Concen: 123.388 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.2	73.8
63	28.3	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: 127.823 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113654.D

Acq: 9 Apr 2019 10:53

Instrument :

BNA_F

ClientSampleId :

SP-1

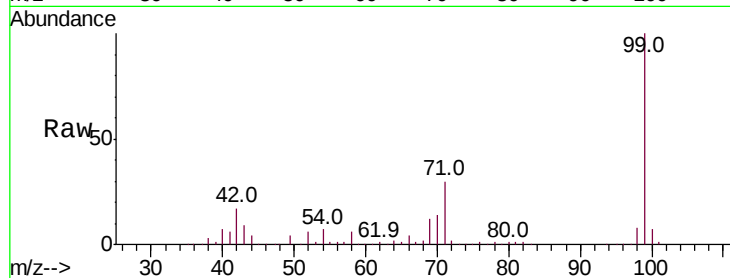
Tot Ion: 99 Resp: 818713

Ion Ratio Lower Upper

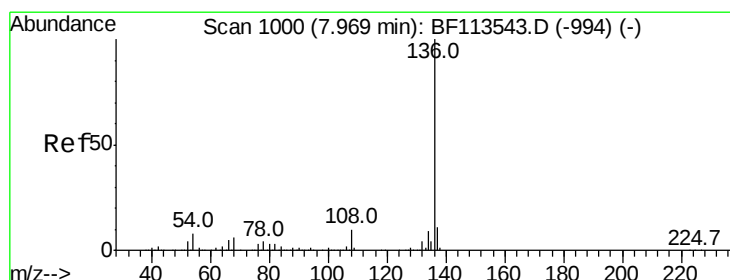
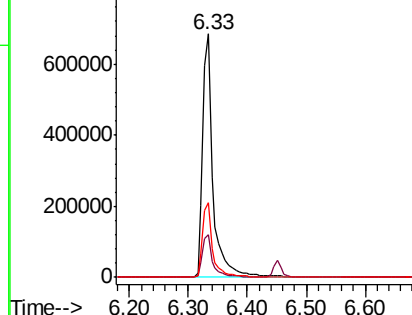
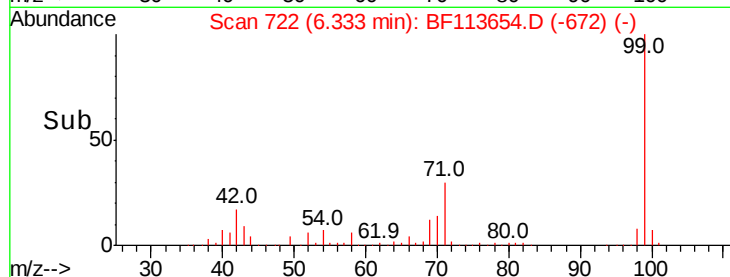
99 100

42 17.4 14.8 22.2

71 30.5 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# 999

Delta R.T. -0.01 min

Lab File: BF113654.D

Acq: 9 Apr 2019 10:53

Tgt Ion: 136 Resp: 330520

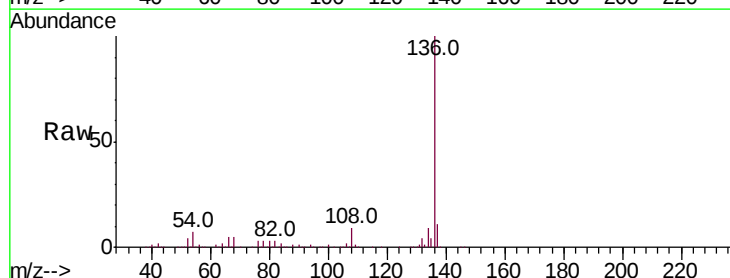
Ion Ratio Lower Upper

136 100

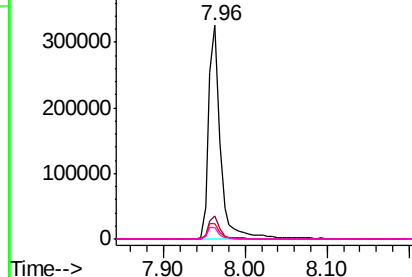
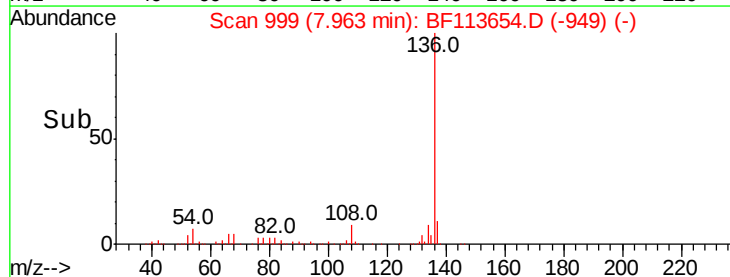
137 10.6 8.9 13.3

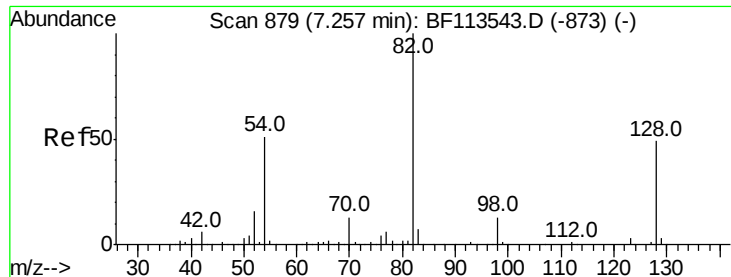
54 7.5 7.0 10.6

68 5.3 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

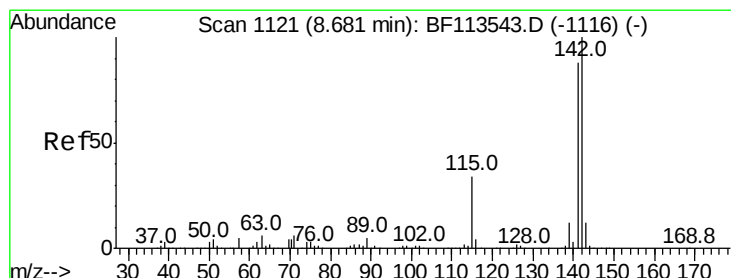
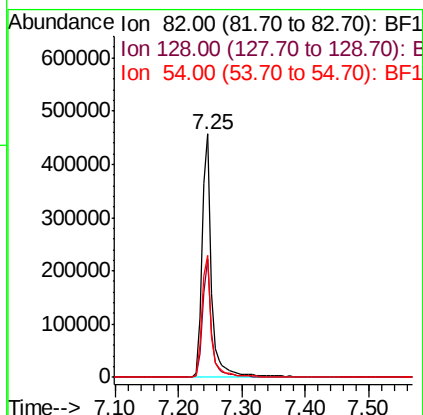
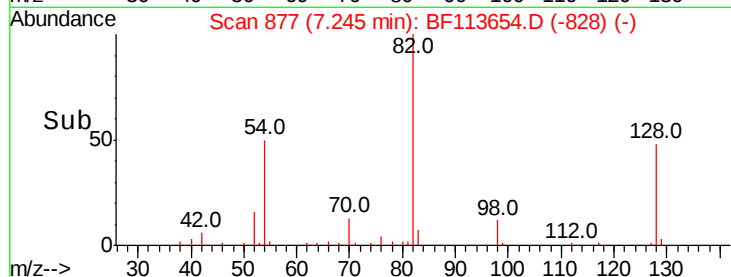
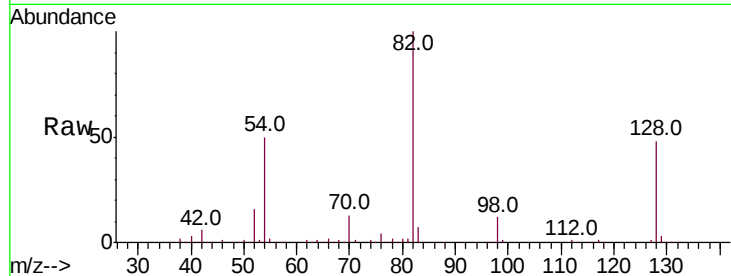




#23
Nitrobenzene-d5
Concen: 82.319 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

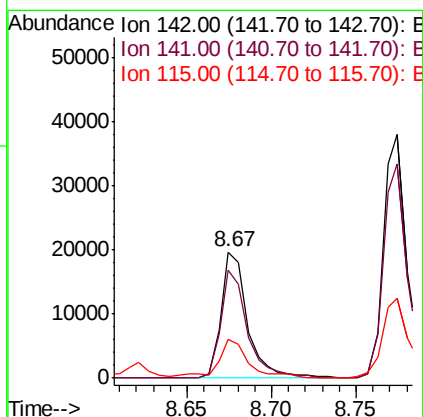
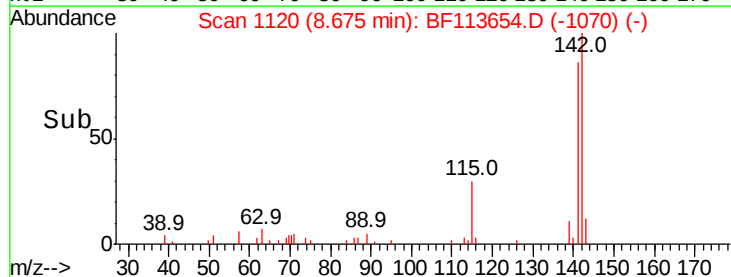
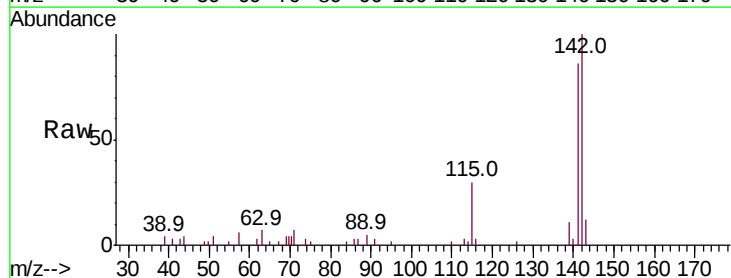
Instrument :
BNA_F
ClientSampleId :
SP-1

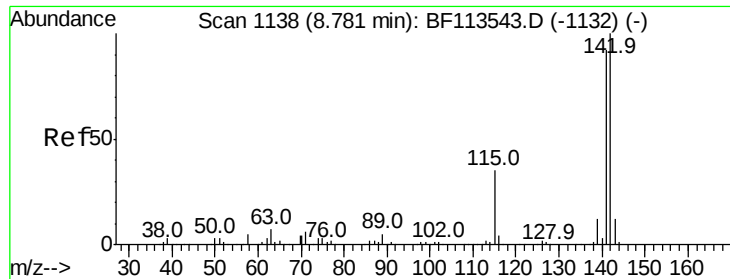
Tot Ion: 82 Resp: 464497
Ion Ratio Lower Upper
82 100
128 48.3 36.5 54.7
54 50.0 42.2 63.2



#37
2-Methylnaphthalene
Concen: 2.051 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

Tgt Ion:142 Resp: 21607
Ion Ratio Lower Upper
142 100
141 85.7 71.0 106.6
115 30.4 26.6 39.8

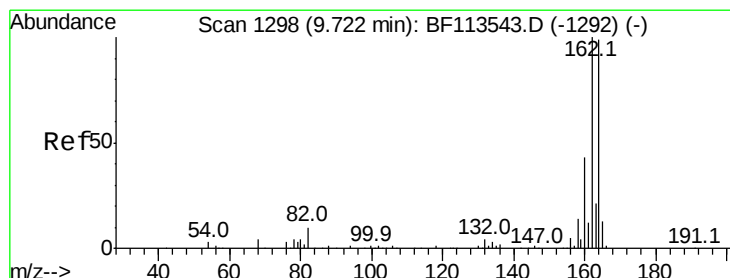
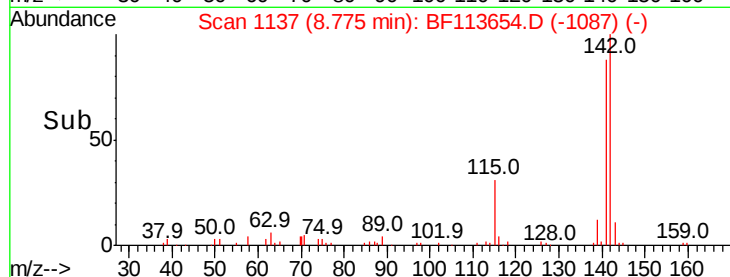
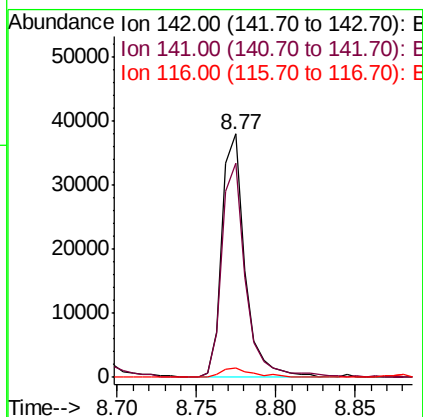
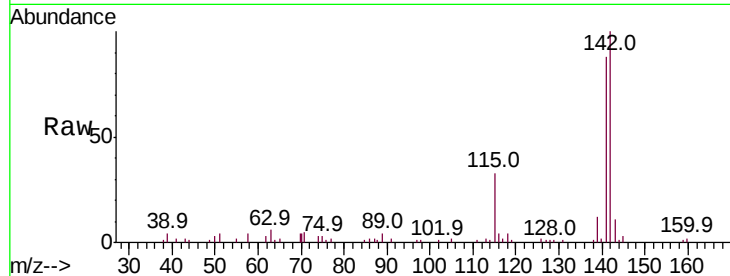




#38
1-Methylnaphthalene
Concen: 3.773 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

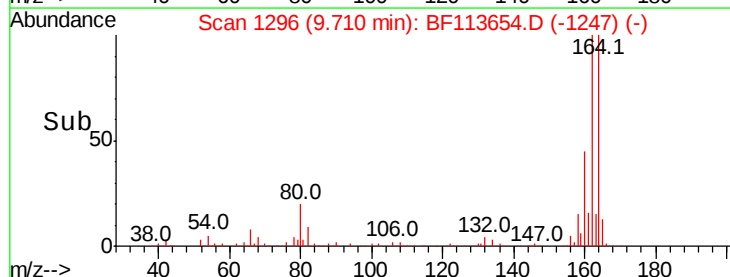
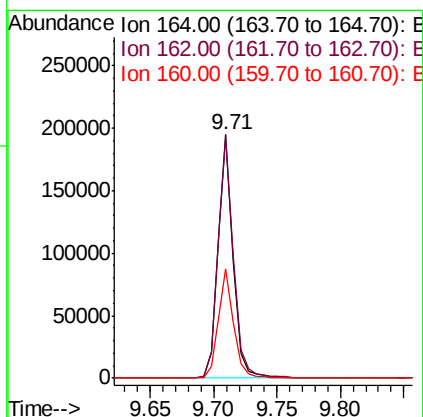
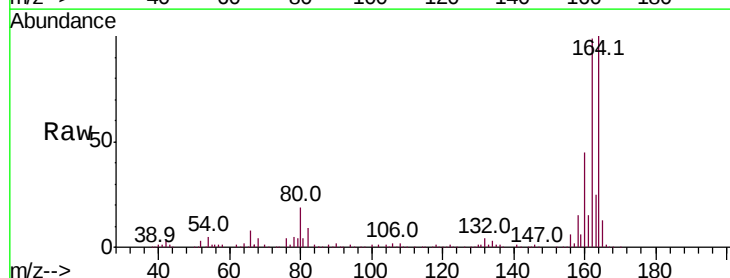
Instrument :
BNA_F
ClientSampleId :
SP-1

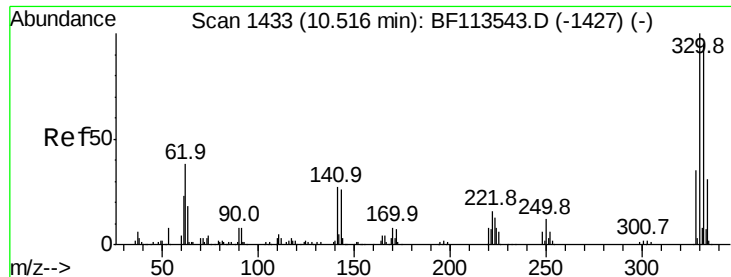
Tot Ion:142 Resp: 38318
Ion Ratio Lower Upper
142 100
141 88.2 73.2 109.8
116 3.7 3.0 4.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

Tgt Ion:164 Resp: 164839
Ion Ratio Lower Upper
164 100
162 99.1 81.8 122.6
160 45.1 36.4 54.6

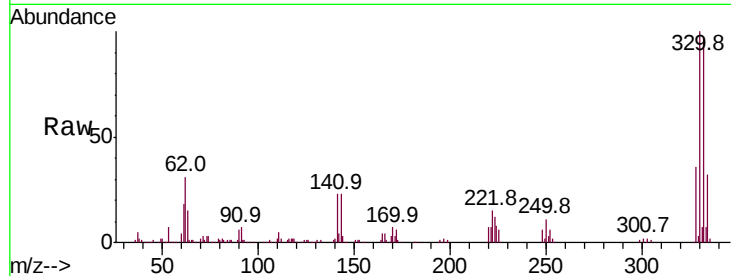




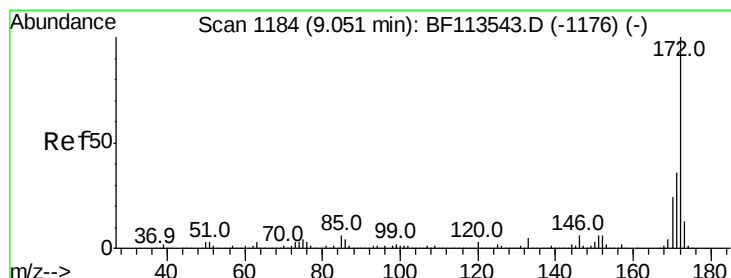
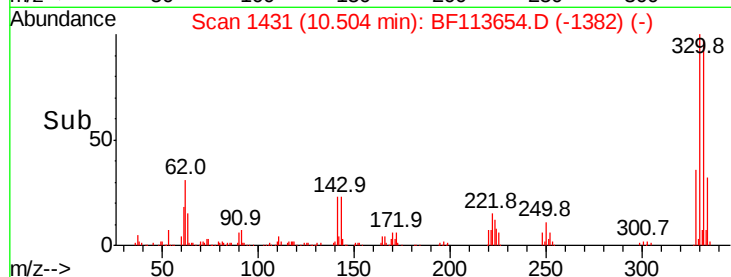
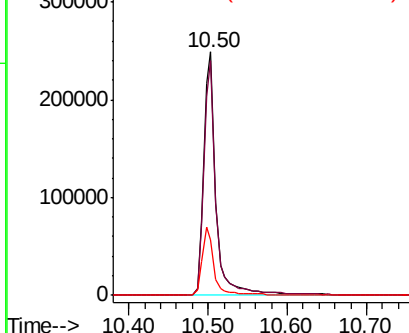
#42
 2,4,6-Tribromophenol
 Concen: 138.569 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113654.D
 Acq: 9 Apr 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:330 Resp: 274382
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.8 116.6
 141 27.8 22.7 34.1

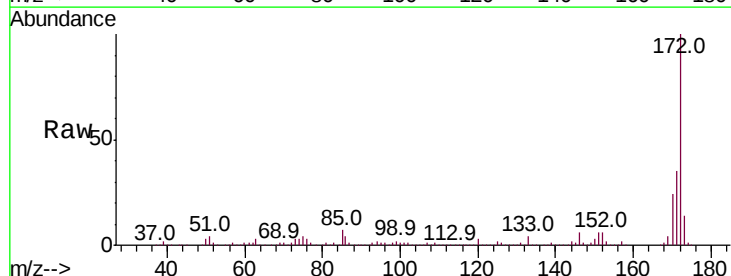


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

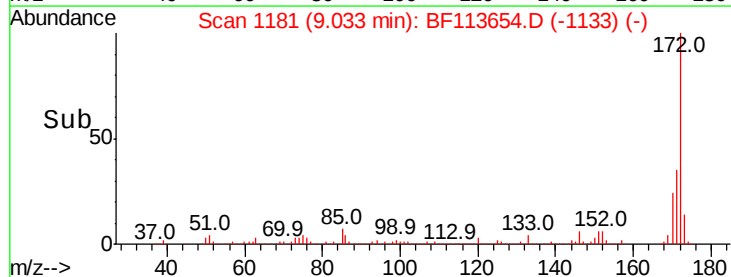
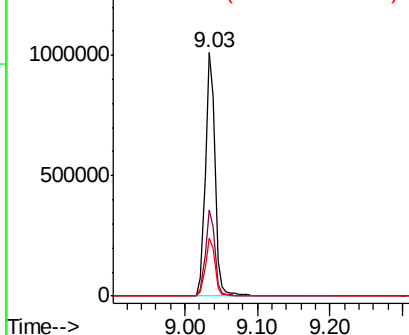


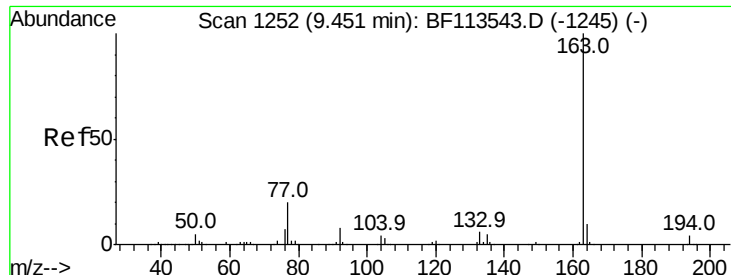
#45
 2-Fluorobiphenyl
 Concen: 92.963 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113654.D
 Acq: 9 Apr 2019 10:53

Tgt Ion:172 Resp: 951866
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.7 19.5 29.3



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

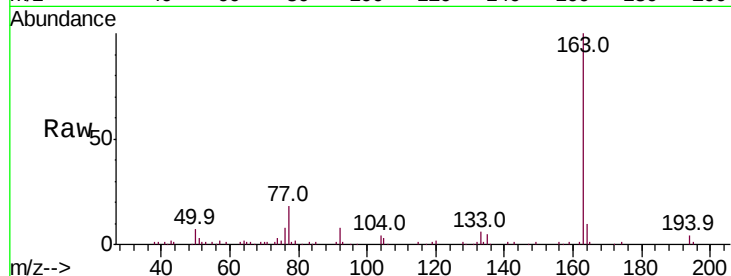




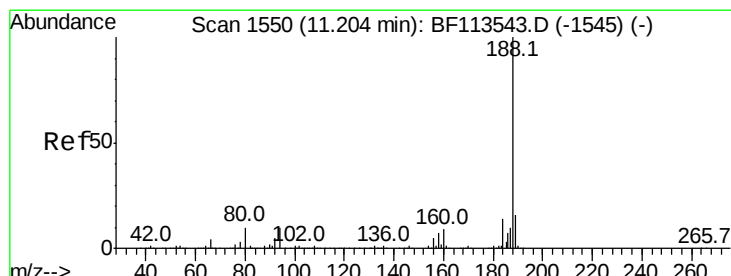
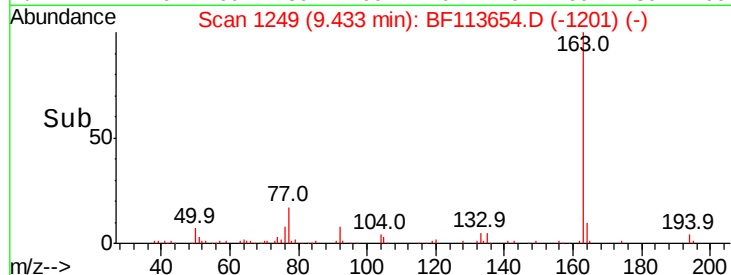
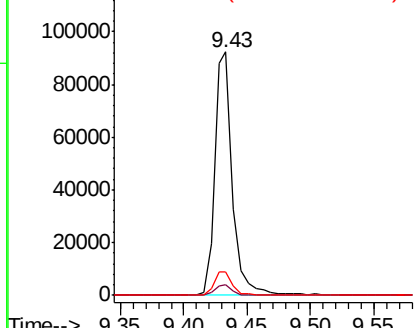
#50
Dimethylphthalate
Concen: 7.473 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:163 Resp: 90804
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 9.8 8.1 12.1

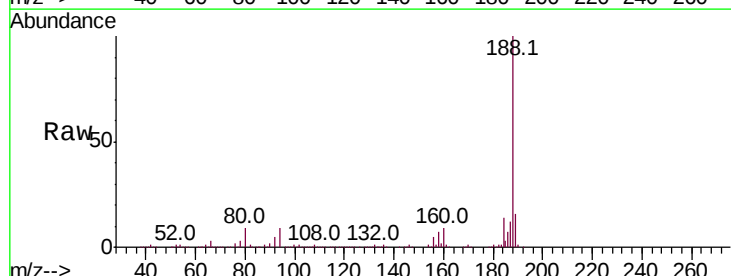


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

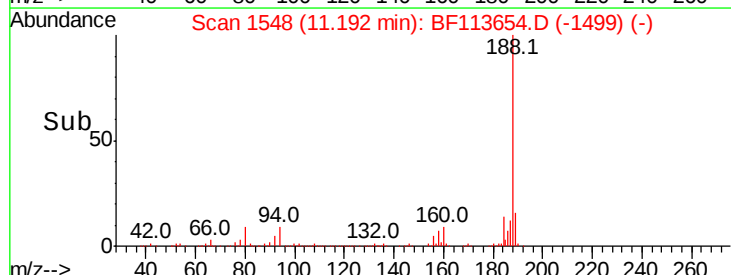
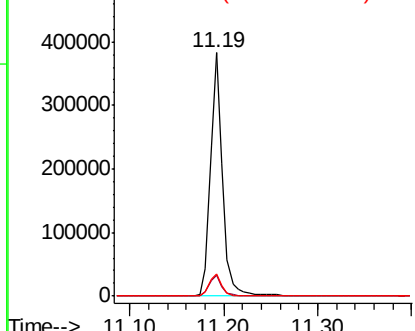


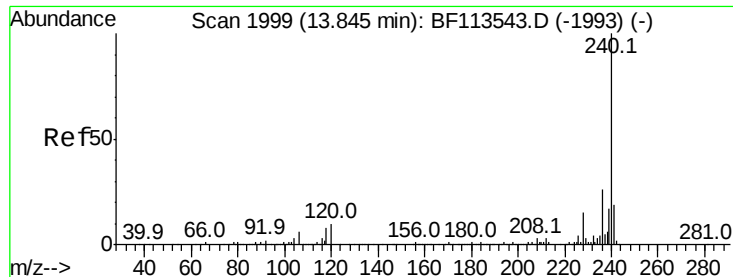
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113654.D
Acq: 9 Apr 2019 10:53

Tgt Ion:188 Resp: 347257
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.2 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113654.D

Acq: 9 Apr 2019 10:53

Instrument :

BNA_F

ClientSampleId :

SP-1

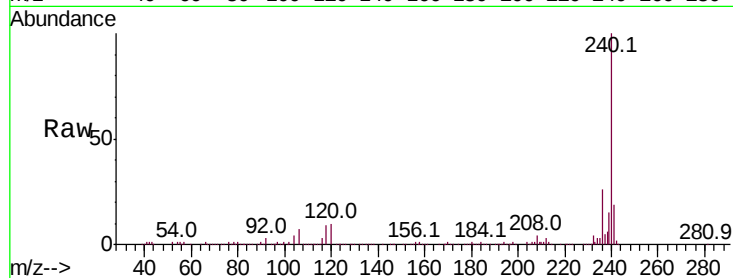
Tot Ion:240 Resp: 344996

Ion Ratio Lower Upper

240 100

120 9.7 8.8 13.2

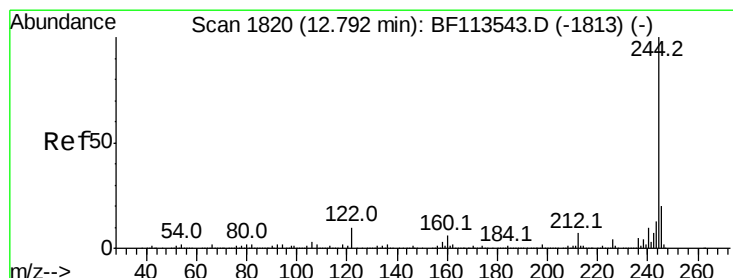
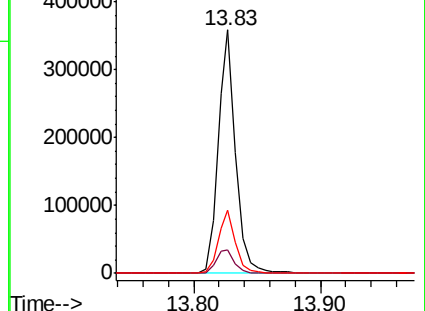
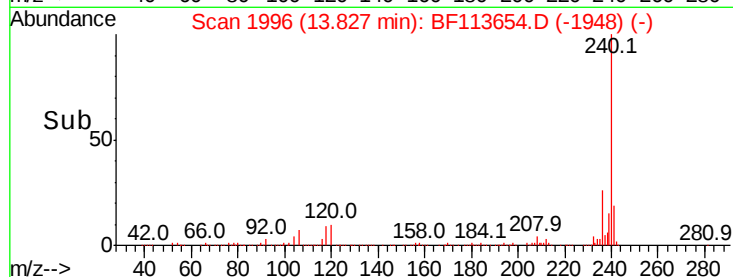
236 25.9 20.9 31.3



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: 72.714 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113654.D

Acq: 9 Apr 2019 10:53

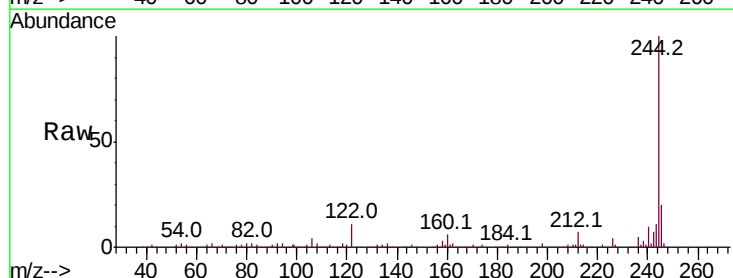
Tgt Ion:244 Resp: 1232120

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

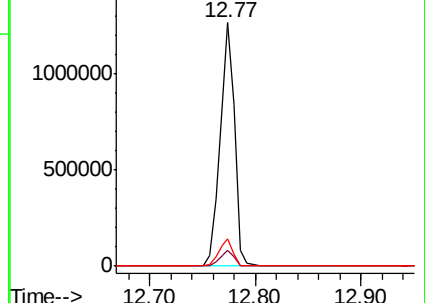
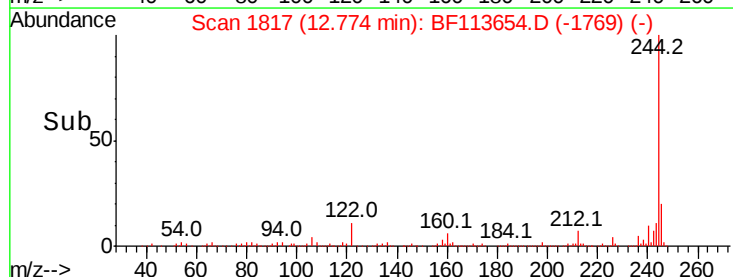
122 11.1 8.6 13.0

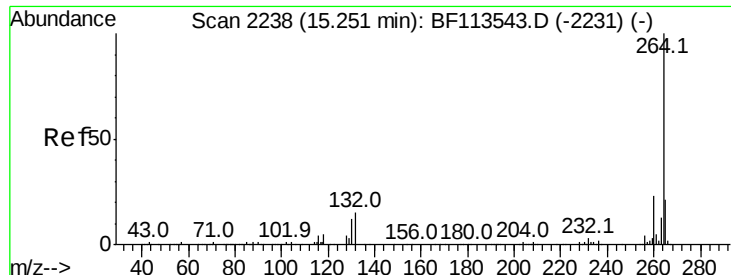


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF113654.D
 Acq: 9 Apr 2019 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.5	17.1	25.7

