

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111638.D
 Acq On : 20 Dec 2018 14:40
 Operator : JU/SJ
 Sample : J6481-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROP-SW-1

Quant Time: Dec 21 06:33:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

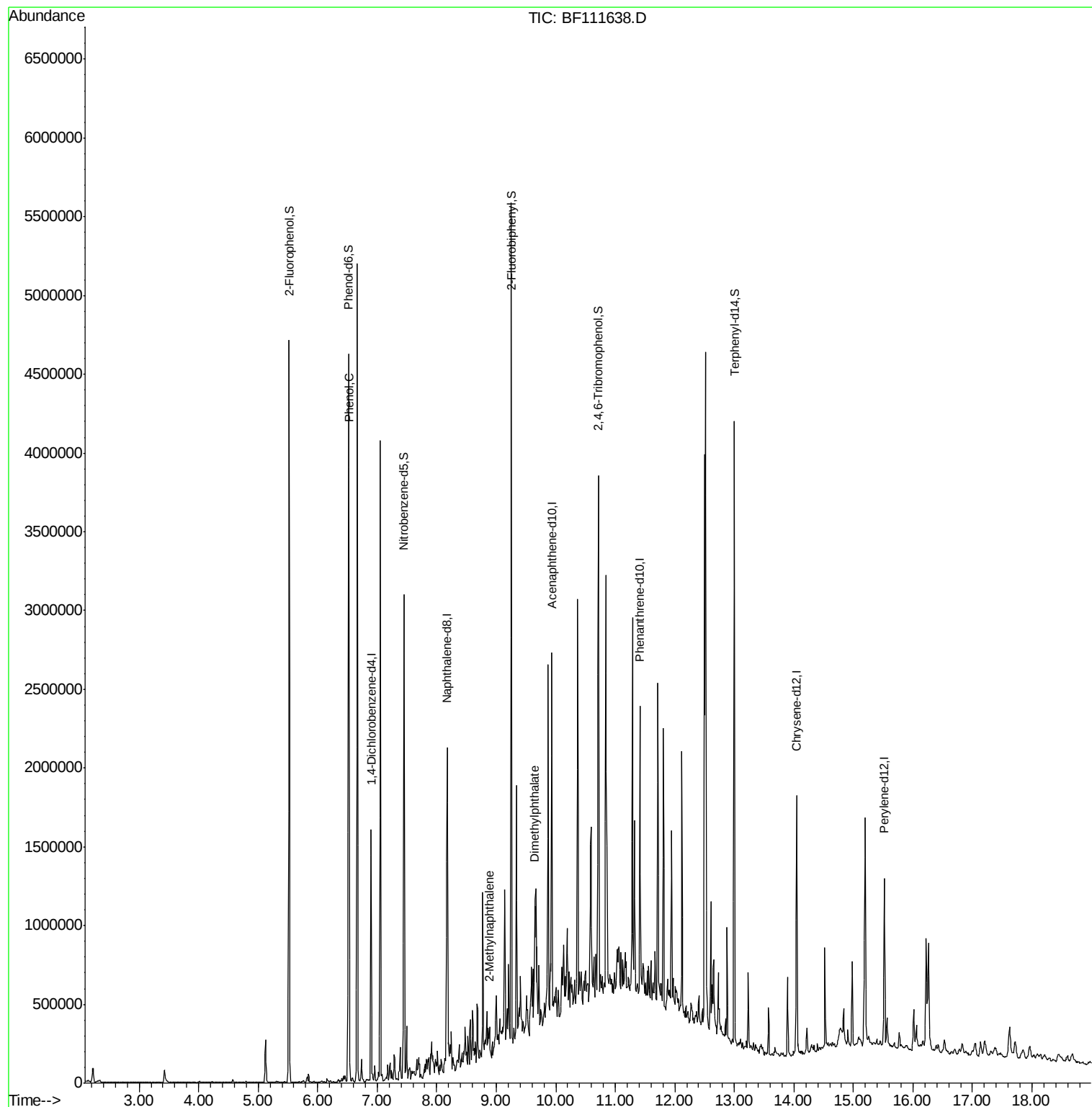
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	226039	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	832639	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	390607	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	618494	20.00	ng	0.00
76) Chrysene-d12	14.04	240	531657	20.00	ng	0.00
87) Perylene-d12	15.52	264	500773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1255287	94.66	ng	0.00
7) Phenol-d6	6.52	99	1628116	96.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	1022725	71.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	410215	88.88	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1690031	63.06	ng	0.00
79) Terphenyl-d14	13.00	244	1235559	44.07	ng	0.00
Target Compounds						
10) Phenol	6.53	94	98735	5.185	ng	98
37) 2-Methylnaphthalene	8.89	142	52931	2.034	ng	99
50) Dimethylphthalate	9.64	163	216558	7.582	ng	98

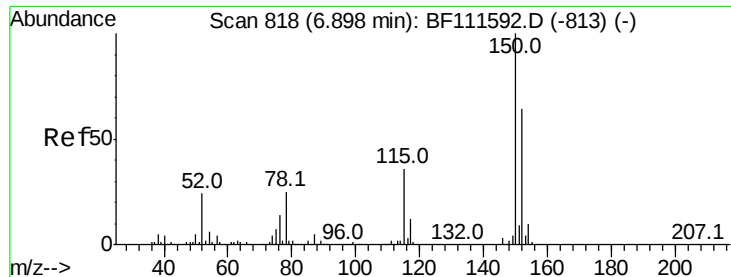
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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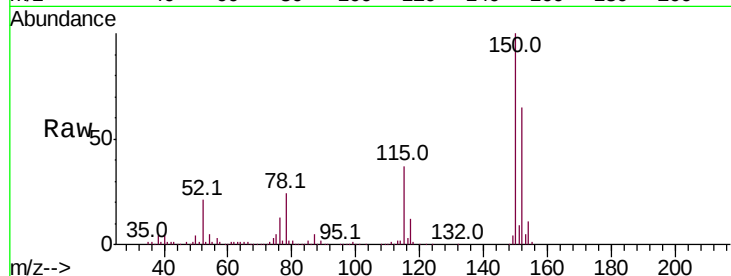


#1

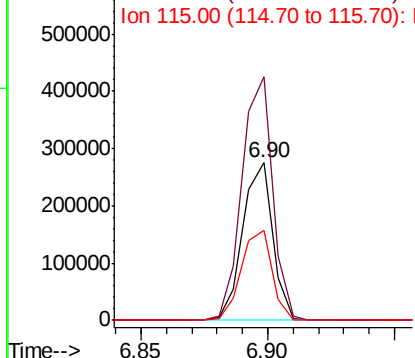
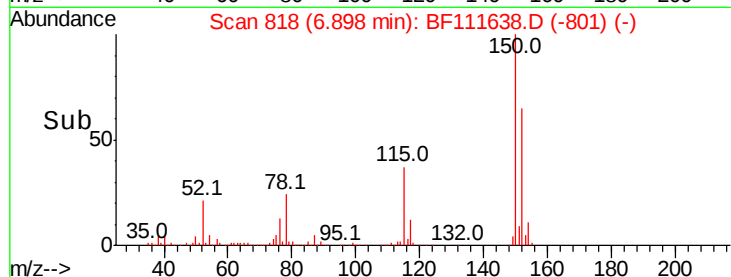
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

Tot Ion:152 Resp: 226039
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 57.3 50.7 76.1



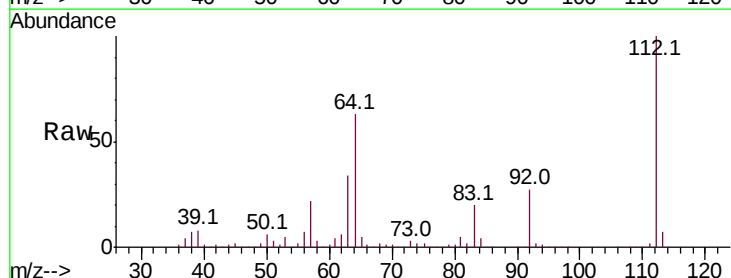
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



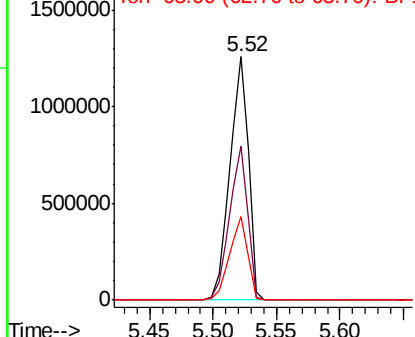
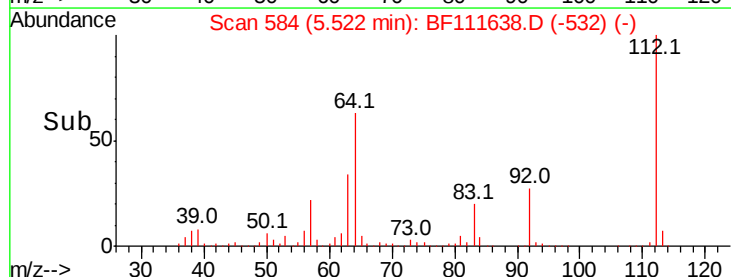
#5

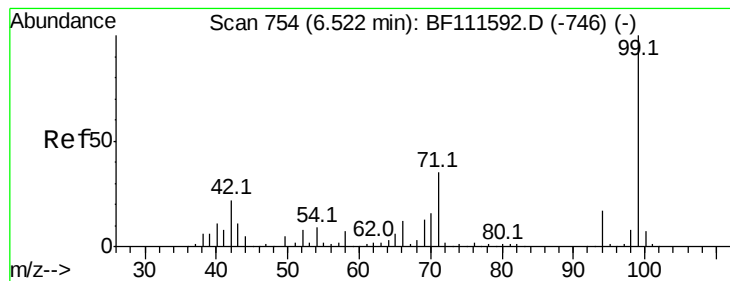
2-Fluorophenol
Concen: 94.660 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion:112 Resp: 1255287
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.6
63 34.4 26.8 40.2



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: 96.471 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PROP-SW-1

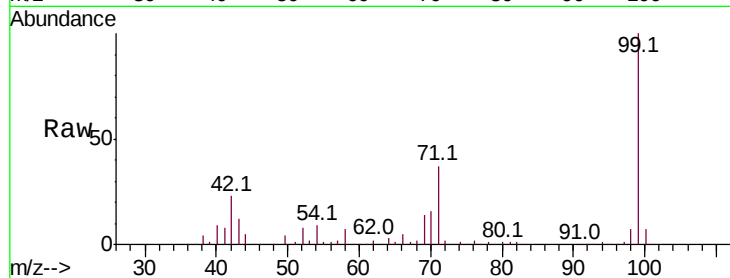
Tot Ion: 99 Resp: 1628116

Ion Ratio Lower Upper

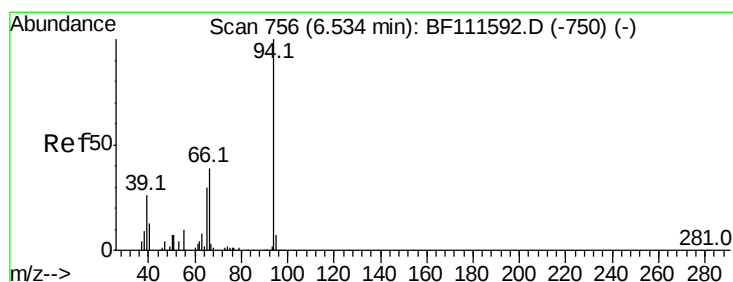
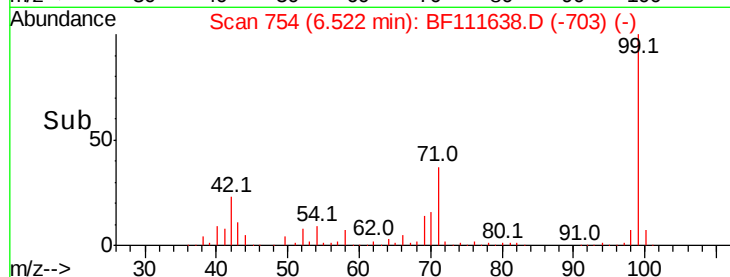
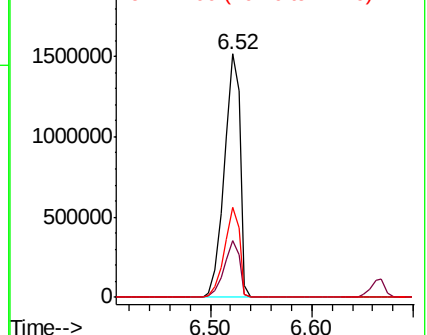
99 100

42 23.1 17.4 26.0

71 37.0 26.1 39.1



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



#10

Phenol

Concen: 5.185 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

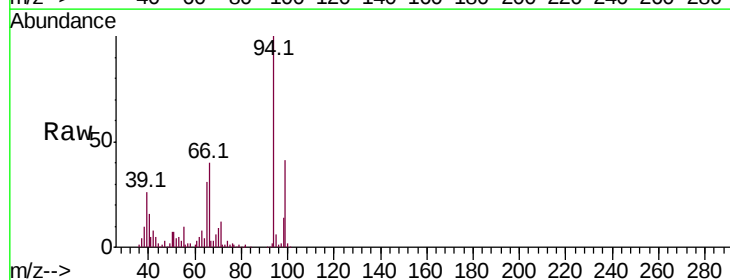
Tgt Ion: 94 Resp: 98735

Ion Ratio Lower Upper

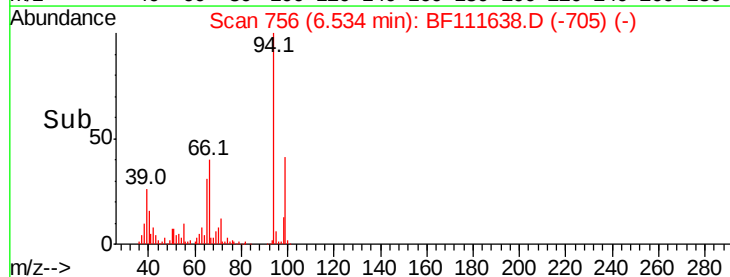
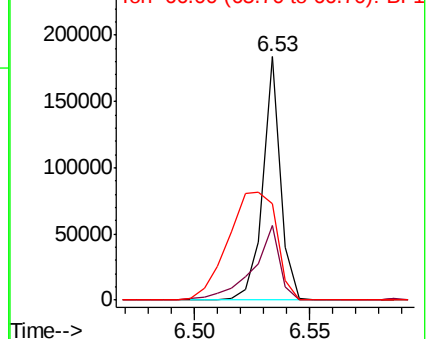
94 100

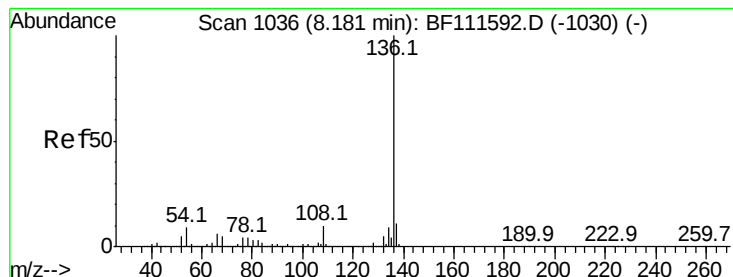
65 30.5 11.7 51.7

66 39.7 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PROP-SW-1

Tot Ion:136 Resp: 832639

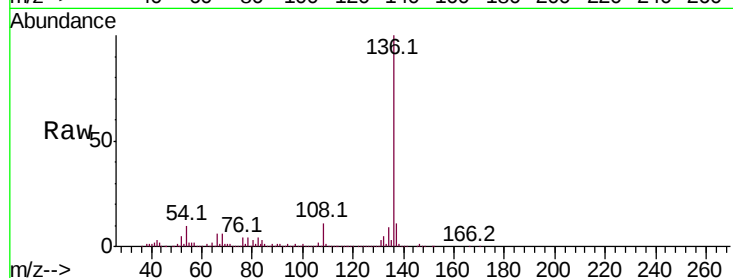
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.6 7.7 11.5

68 6.2 4.9 7.3

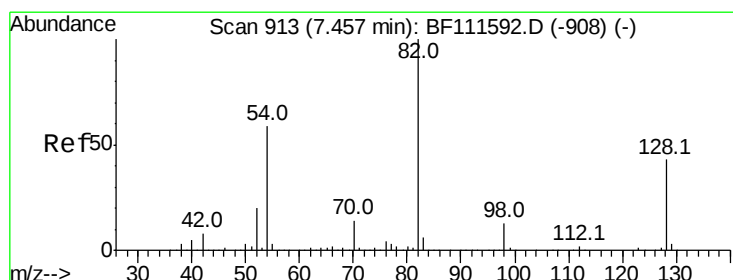
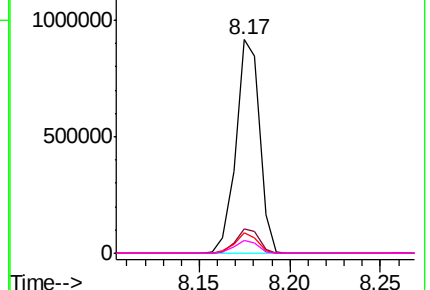
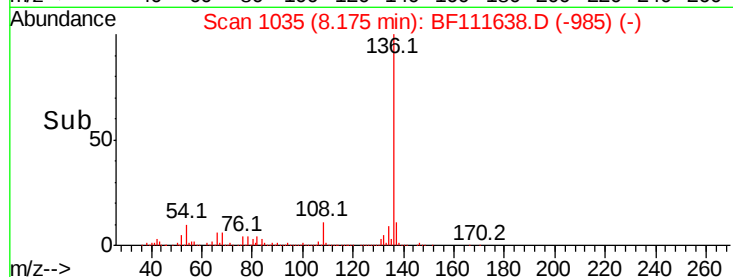


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.496 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

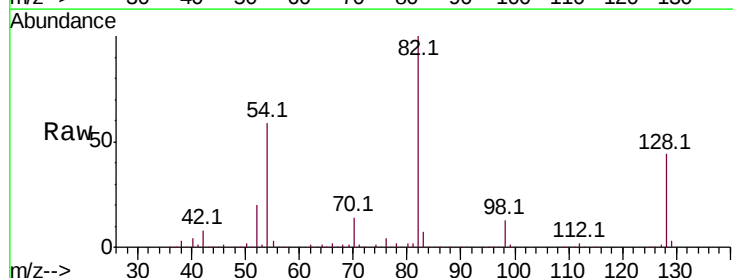
Tgt Ion: 82 Resp: 1022725

Ion Ratio Lower Upper

82 100

128 43.9 37.4 56.2

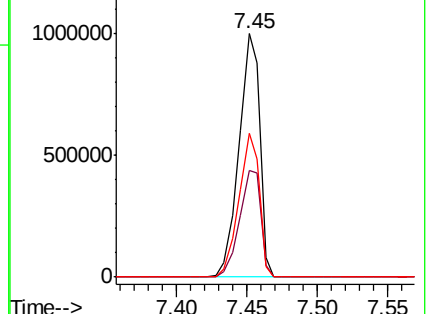
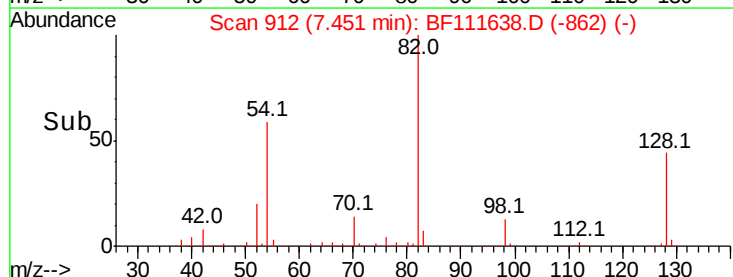
54 58.9 47.6 71.4

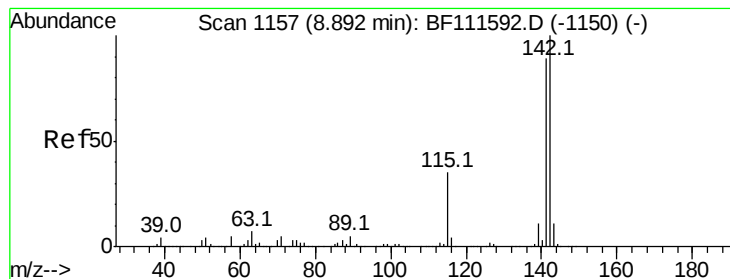


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#37

2-Methylnaphthalene

Concen: 2.034 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

Instrument :

BNA_F

ClientSampleId :

PROP-SW-1

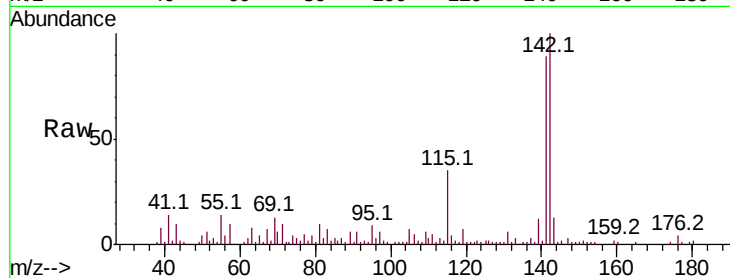
Tot Ion:142 Resp: 52931

Ion Ratio Lower Upper

142 100

141 88.6 70.6 105.8

115 34.5 27.0 40.6

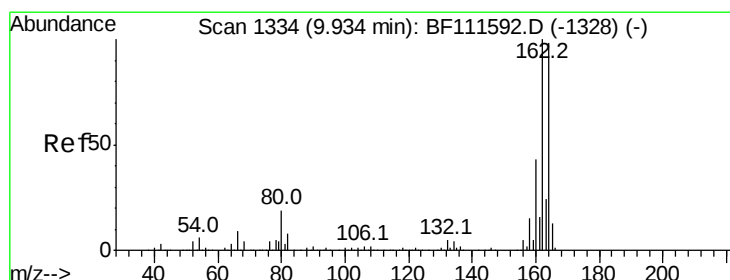
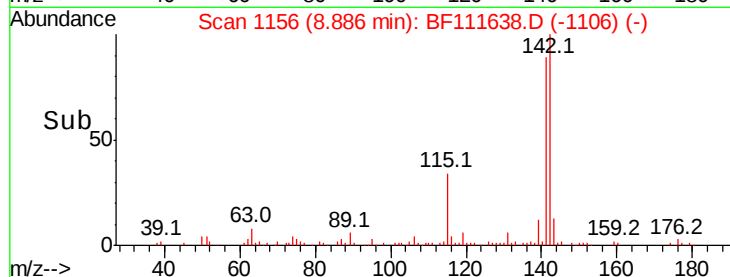
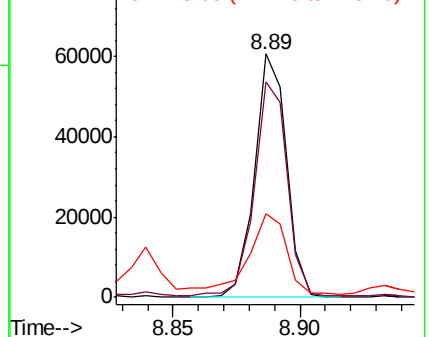


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111638.D

Acq: 20 Dec 2018 14:40

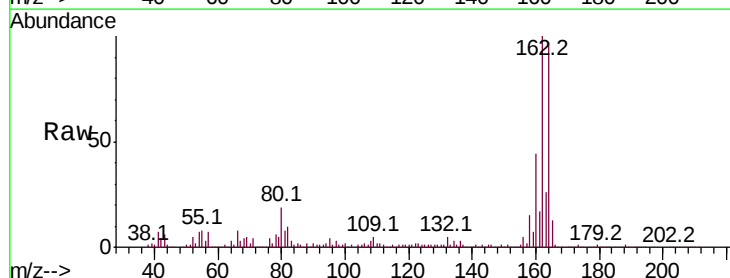
Tgt Ion:164 Resp: 390607

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

160 45.0 35.7 53.5

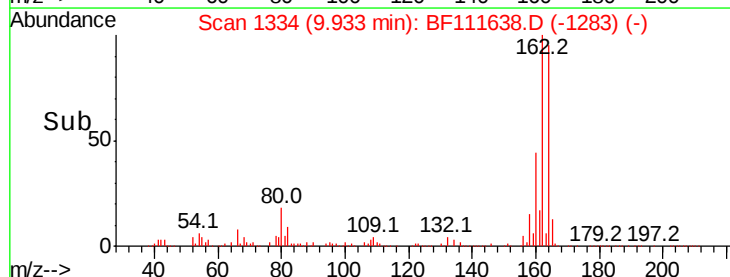
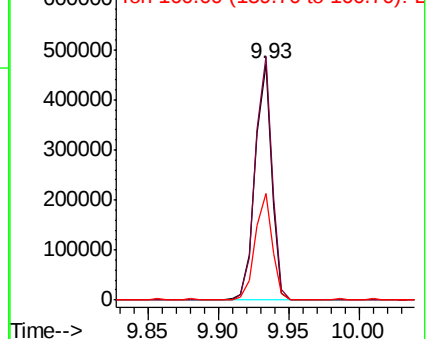


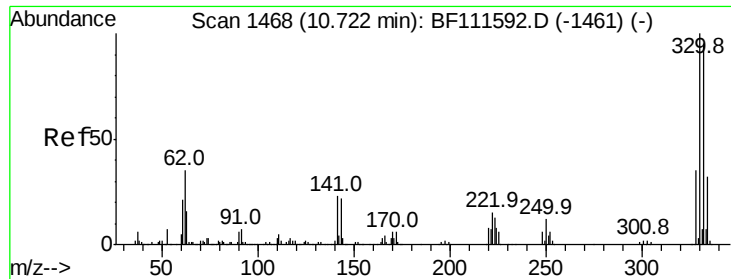
Abundance

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

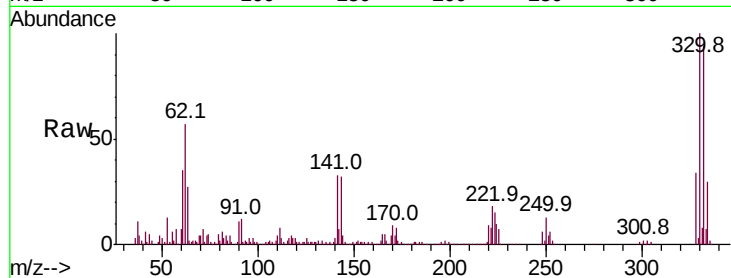




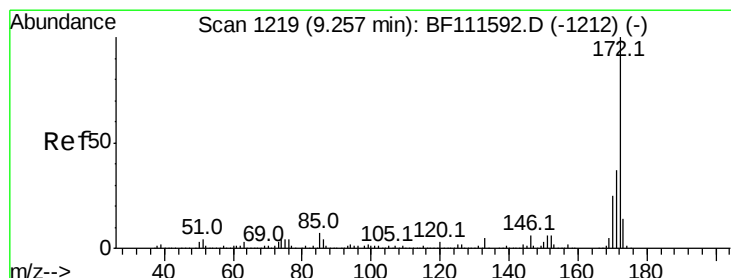
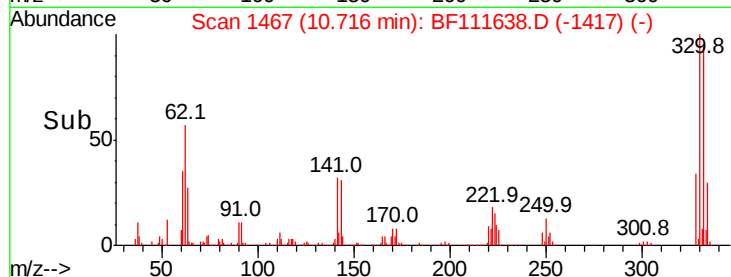
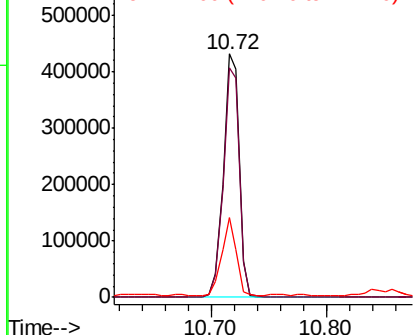
#42
 2,4,6-Tribromophenol
 Concen: 88.881 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PROP-SW-1

Tot Ion:330 Resp: 410215
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 29.4 31.0 46.6#

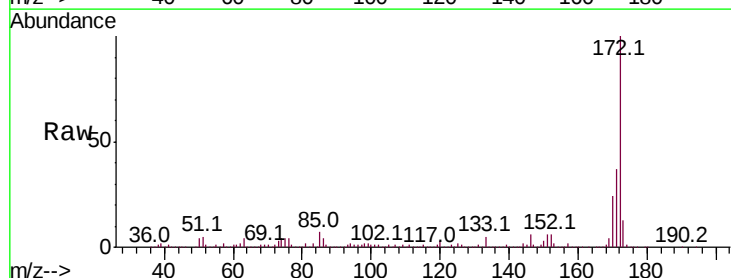


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

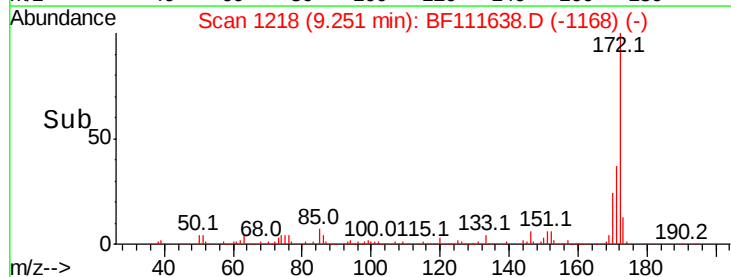
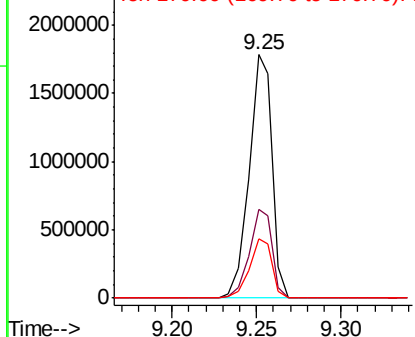


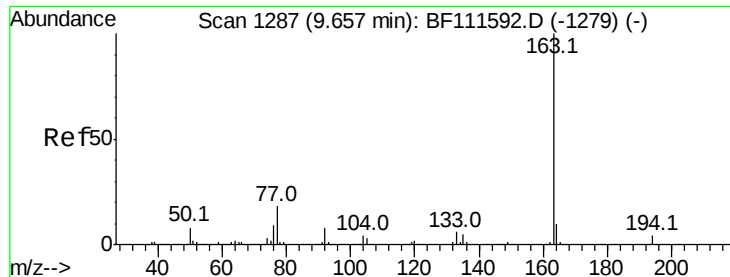
#45
 2-Fluorobiphenyl
 Concen: 63.065 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

Tgt Ion:172 Resp: 1690031
 Ion Ratio Lower Upper
 172 100
 171 36.7 33.0 49.4
 170 24.4 22.3 33.5



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

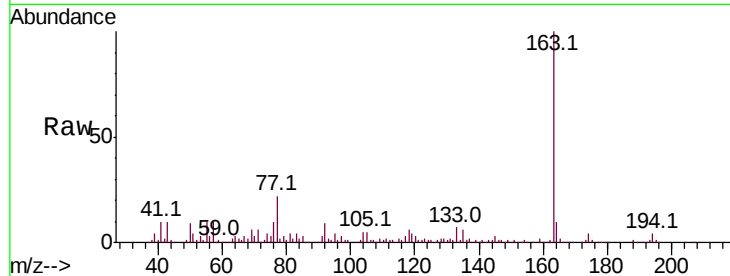




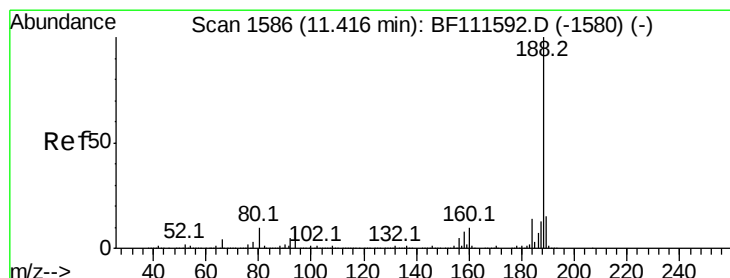
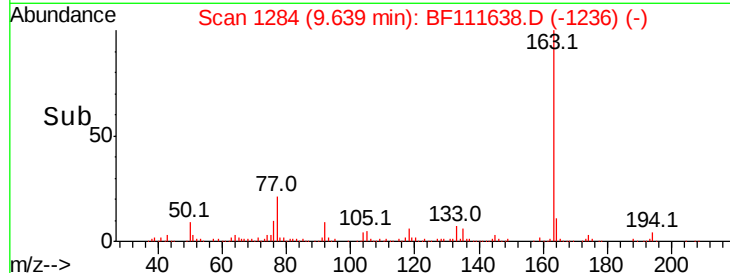
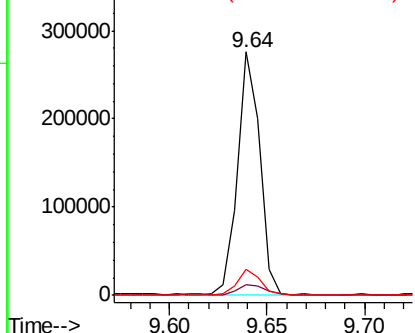
#50
Dimethylphthalate
Concen: 7.582 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Instrument :
BNA_F
ClientSampleId :
PROP-SW-1

Tot Ion:163 Resp: 216558
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.5 8.9 13.3

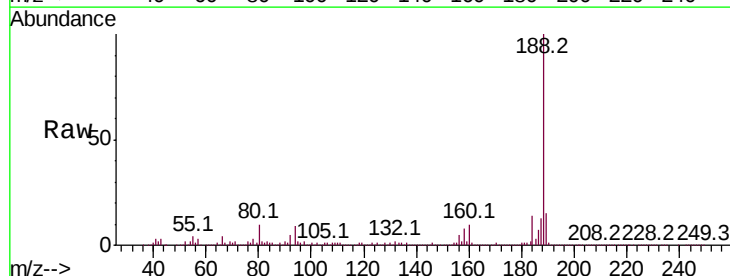


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

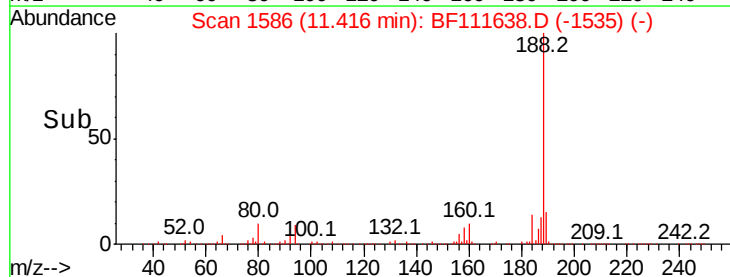
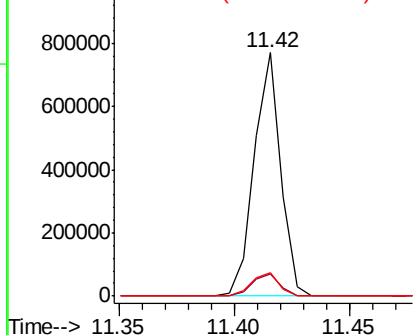


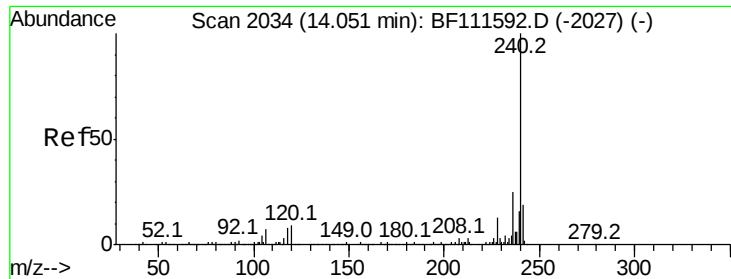
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111638.D
Acq: 20 Dec 2018 14:40

Tgt Ion:188 Resp: 618494
Ion Ratio Lower Upper
188 100
94 8.9 9.6 14.4#
80 9.8 9.8 14.6



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

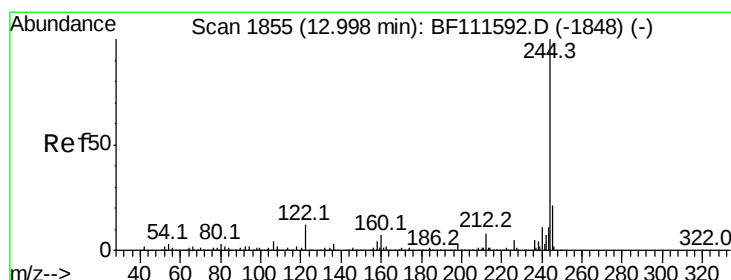
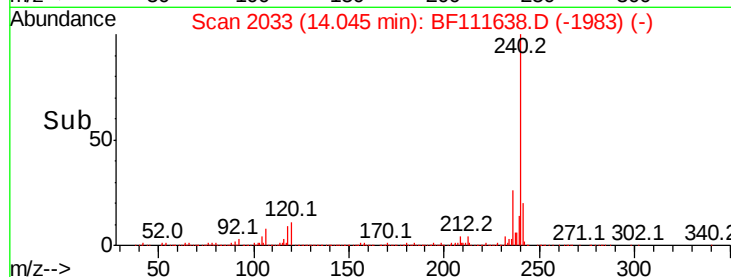
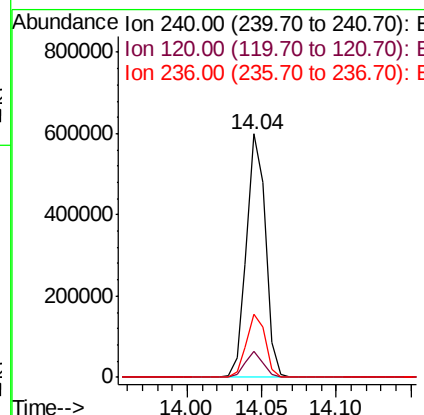
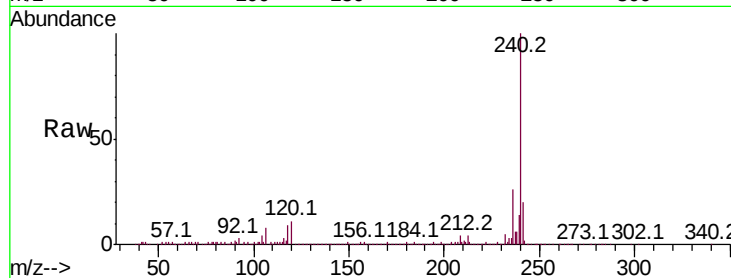




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

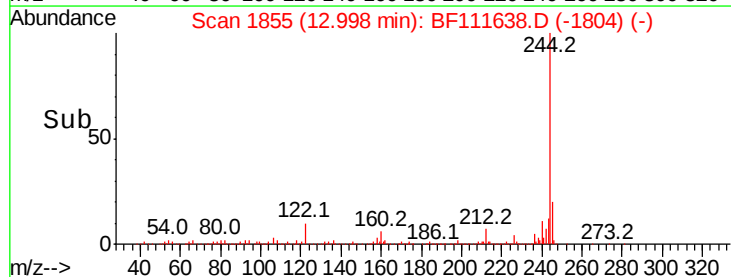
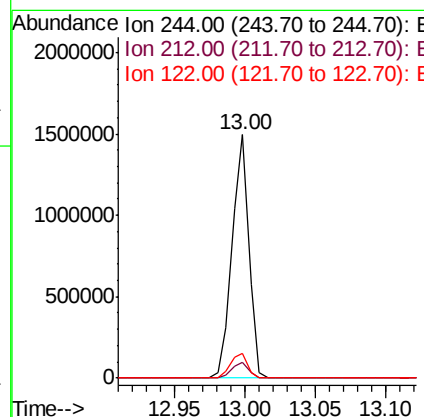
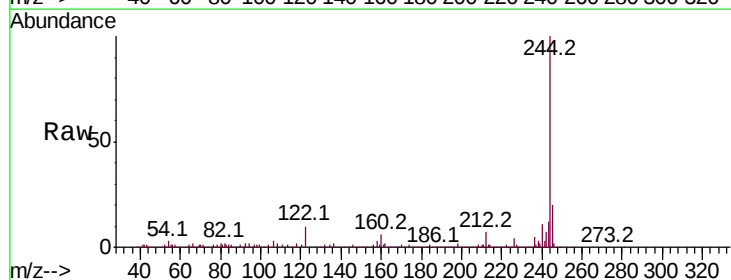
Instrument :
 BNA_F
 ClientSampleId :
 PROP-SW-1

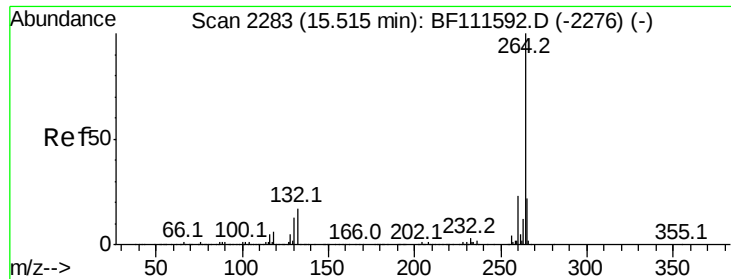
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.2	18.2#
236	25.8	20.2	30.2



#79
 Terphenyl-d14
 Concen: 44.072 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.9	13.1	19.7#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF111638.D
 Acq: 20 Dec 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PROP-SW-1

Tot Ion: 264 Resp: 500773
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.3 27.5
 265 21.8 17.7 26.5

