

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111741.D
 Acq On : 27 Dec 2018 3:51
 Operator : JU/SJ
 Sample : J6446-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

Quant Time: Dec 27 04:37:01 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

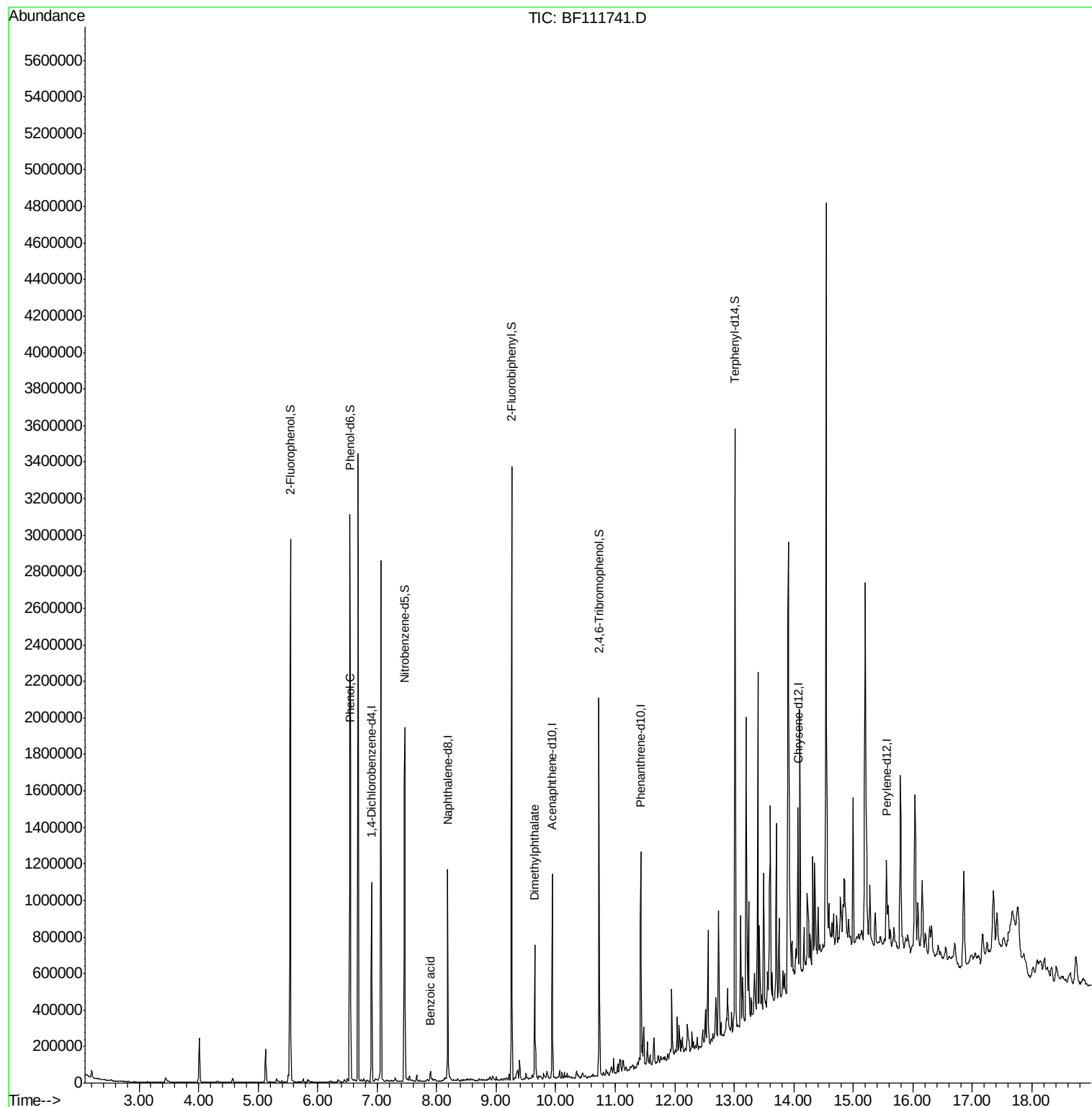
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135663	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	459023	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	204587	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	400981	20.00	ng	0.01
76) Chrysene-d12	14.07	240	283868	20.00	ng	0.02
87) Perylene-d12	15.56	264	224929	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	788707	99.10	ng	0.02
7) Phenol-d6	6.55	99	949560	93.75	ng	0.02
23) Nitrobenzene-d5	7.46	82	562507	71.33	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	257297	106.44	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1014942	72.31	ng	0.00
79) Terphenyl-d14	13.01	244	1041082	69.55	ng	0.01
Target Compounds						
10) Phenol	6.56	94	67841	5.936	ng	98
32) Benzoic acid	7.90	122	12839	2.939	ng	100
50) Dimethylphthalate	9.65	163	278818	18.637	ng	98

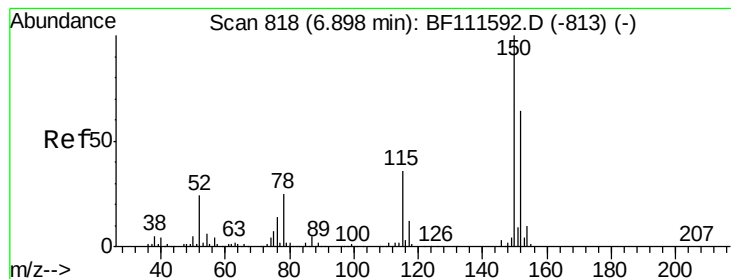
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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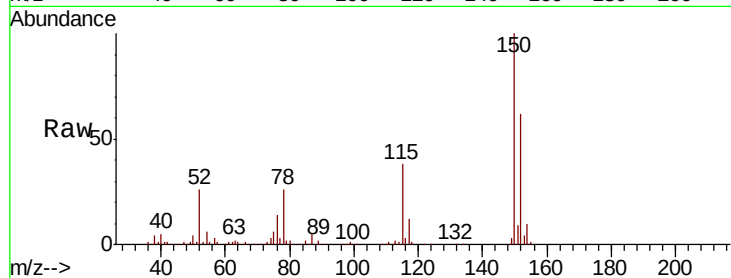


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	61.5	50.7	76.1

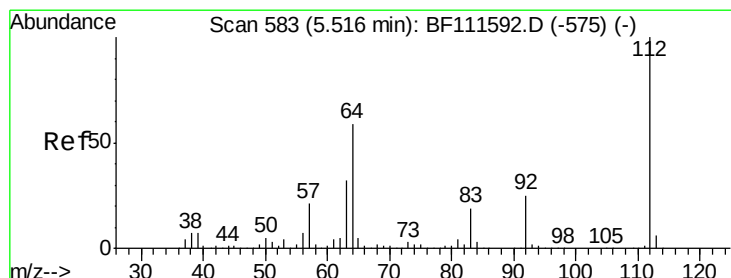
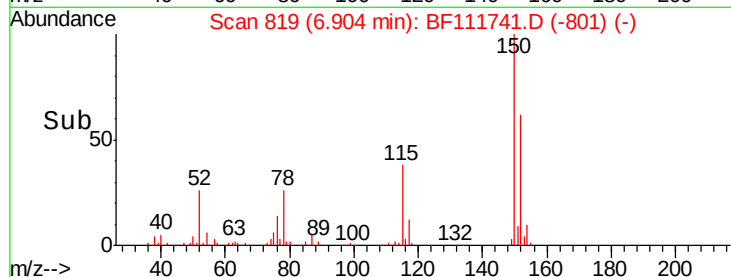
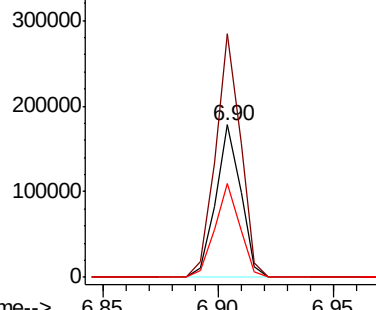


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

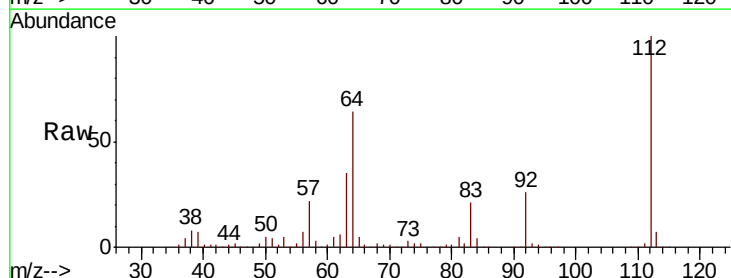
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.097 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.8	77.6
63	34.9	26.8	40.2

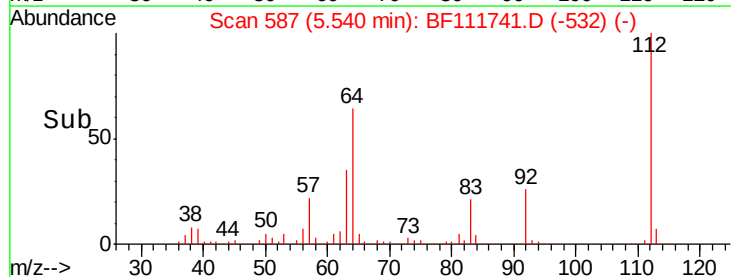
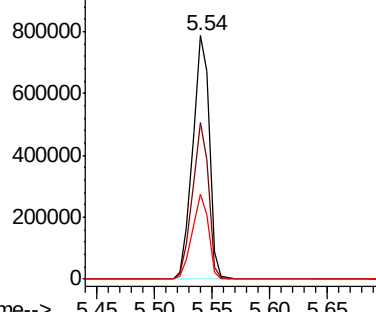


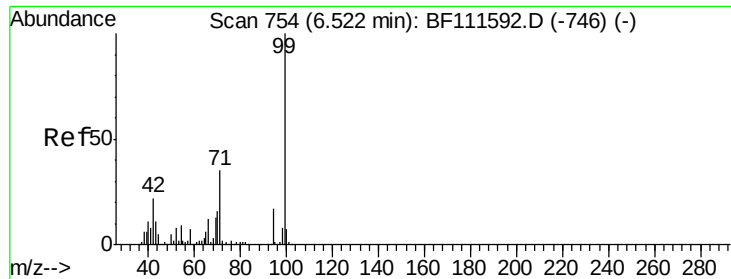
Abundance

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: 93.747 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

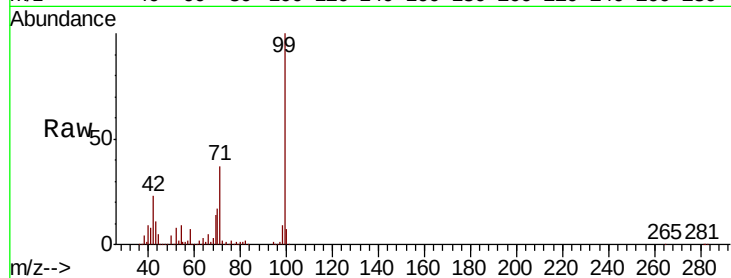
Tot Ion: 99 Resp: 949560

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

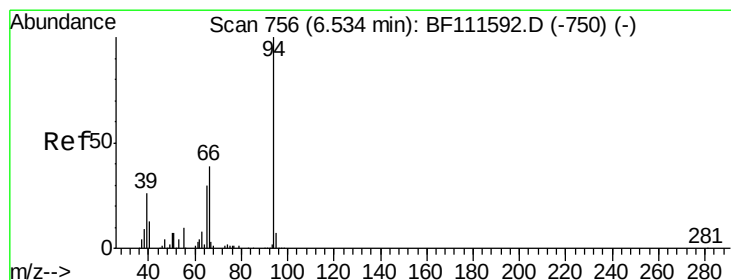
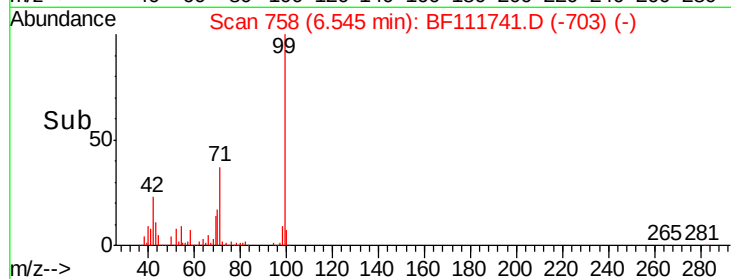
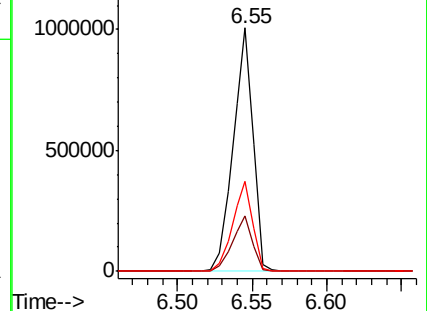
71 37.0 26.1 39.1



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: 5.936 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

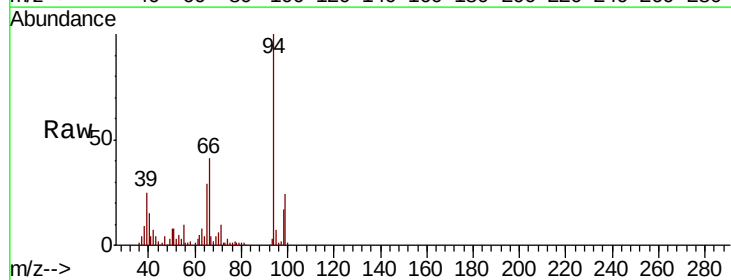
Tgt Ion: 94 Resp: 67841

Ion Ratio Lower Upper

94 100

65 29.0 11.7 51.7

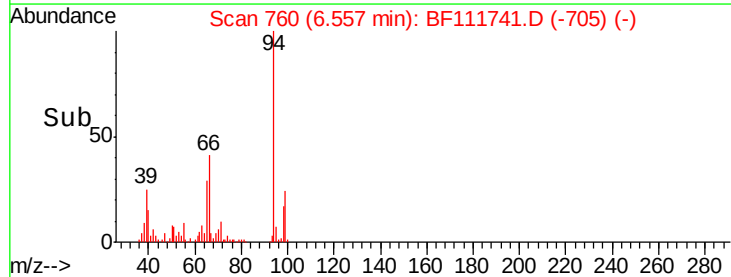
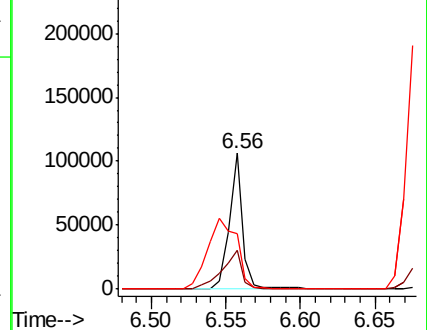
66 41.2 21.0 61.0

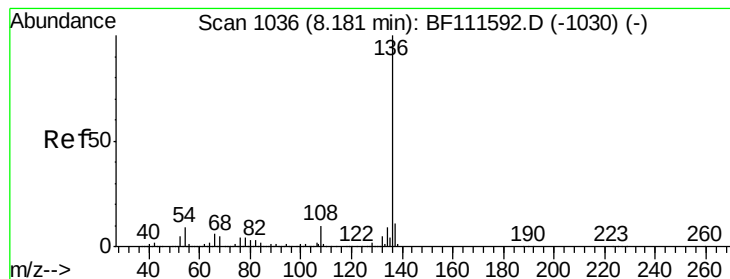


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

Tot Ion:136 Resp: 459023

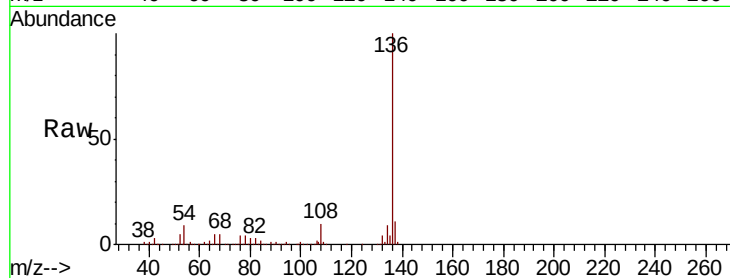
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.8 7.7 11.5

68 5.0 4.9 7.3

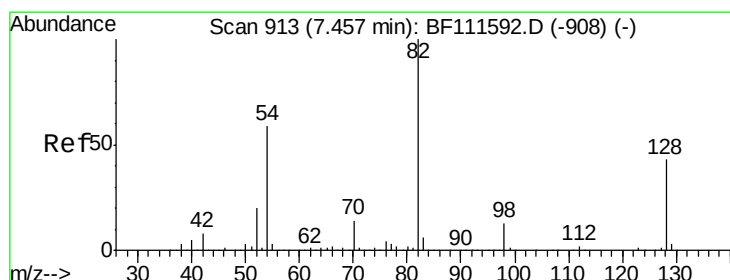
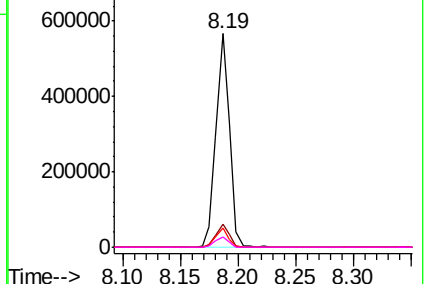
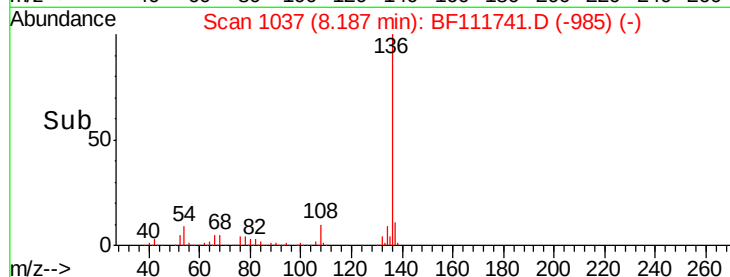


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.330 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

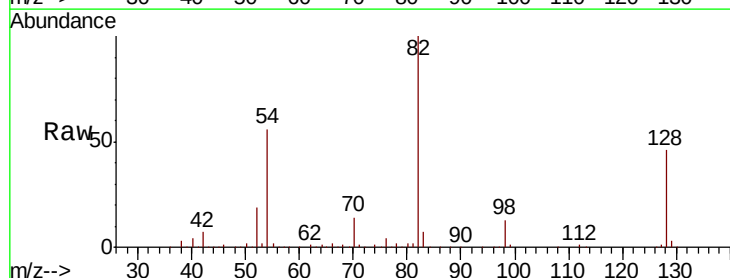
Tgt Ion: 82 Resp: 562507

Ion Ratio Lower Upper

82 100

128 45.5 37.4 56.2

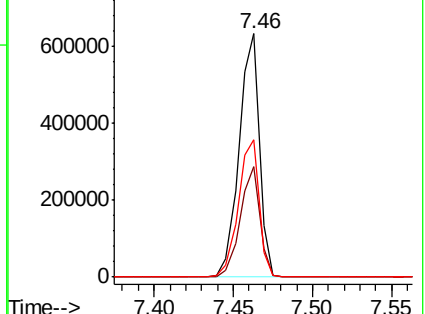
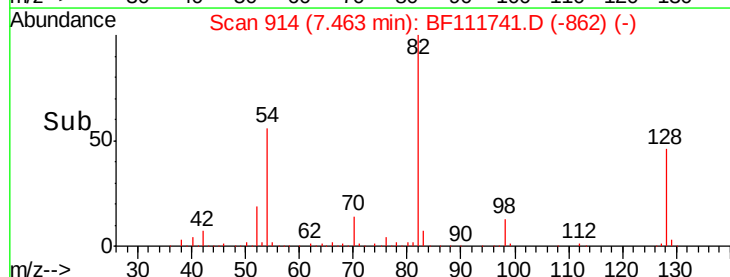
54 56.5 47.6 71.4

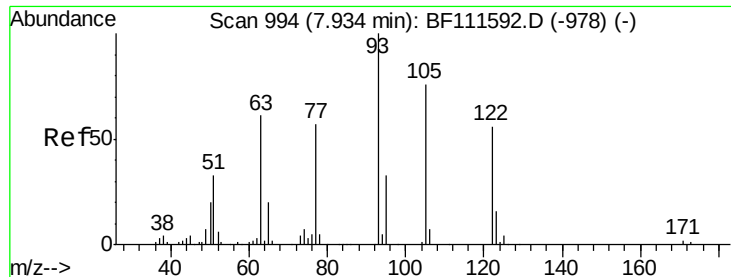


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

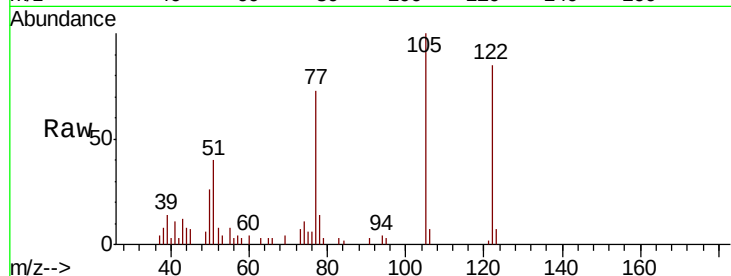




#32
Benzoic acid
Concen: 2.939 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

Tot Ion	Ion	Ratio	Lower	Upper
122	122	100		
105	105	117.0	97.0	137.0
77	77	85.4	65.7	105.7

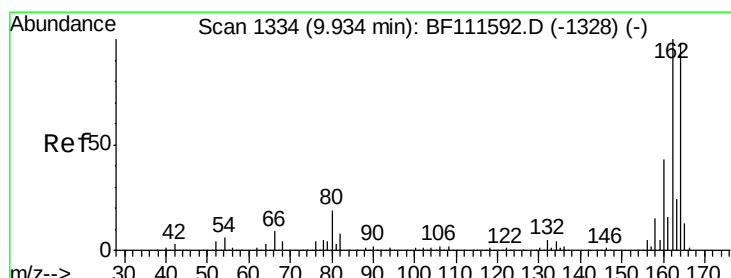
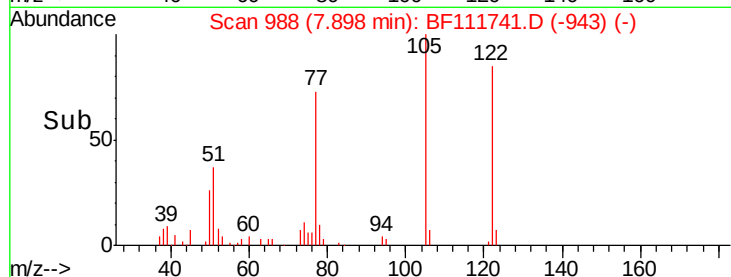
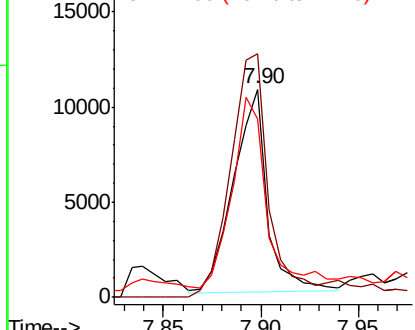


Abundance

Ion 122.00 (121.70 to 122.70): E

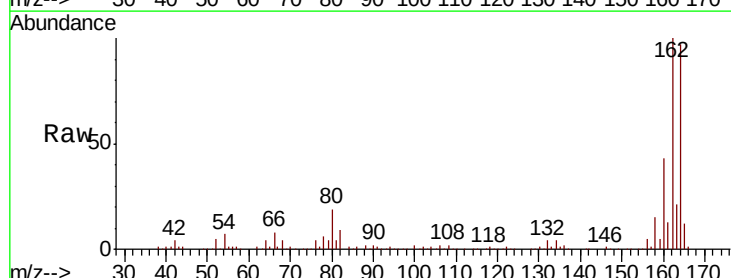
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Tgt Ion	Ion	Ratio	Lower	Upper
164	164	100		
162	162	102.7	81.4	122.0
160	160	44.5	35.7	53.5

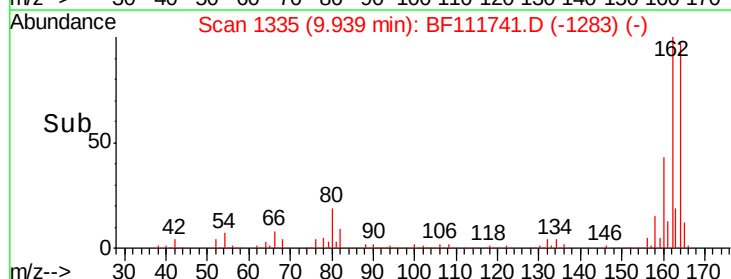
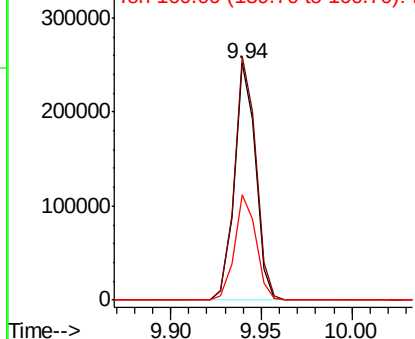


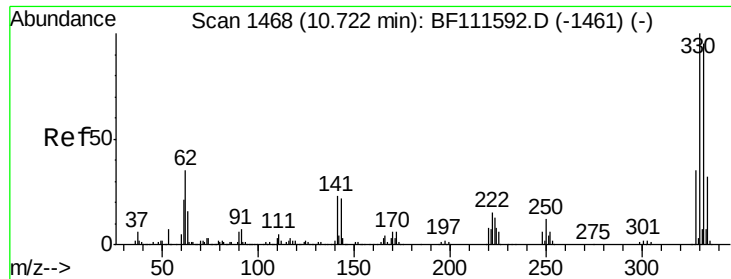
Abundance

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

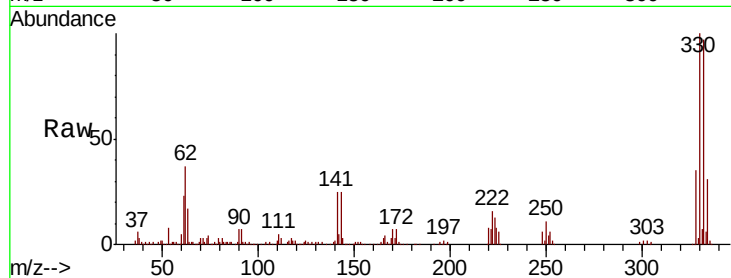




#42
 2,4,6-Tribromophenol
 Concen: 106.438 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.0	114.0
141	31.0	31.0	46.6#

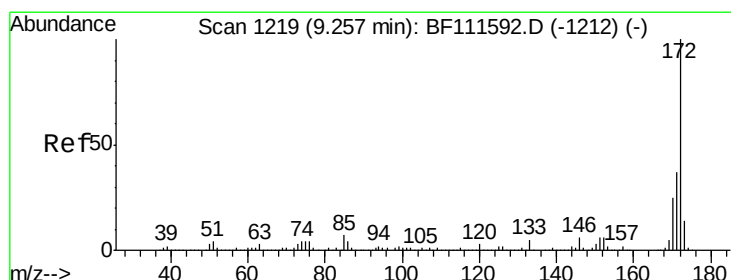
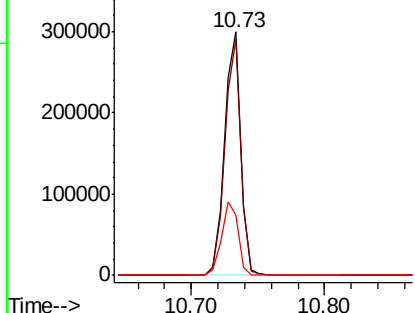
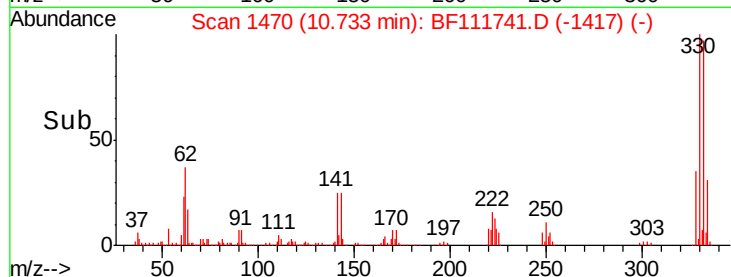


Abundance

Ion 329.80 (329.50 to 330.50): E

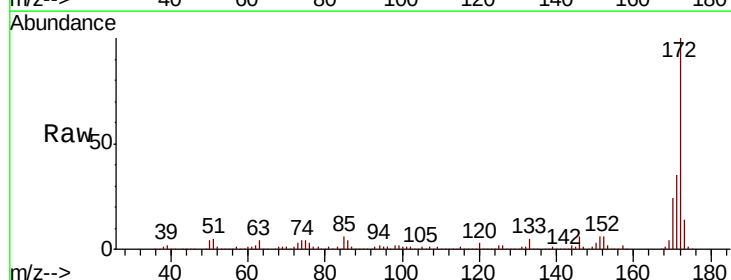
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.309 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.9	22.3	33.5

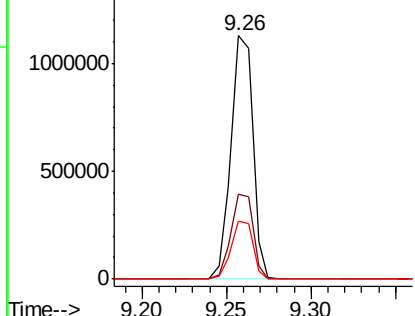
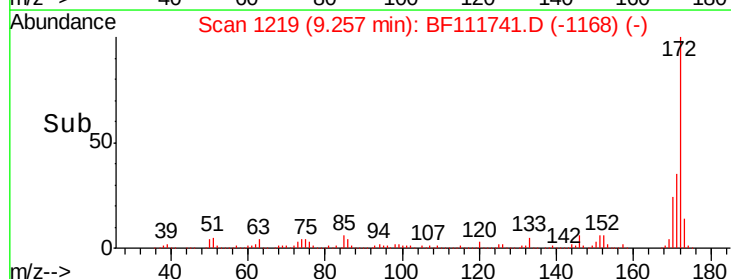


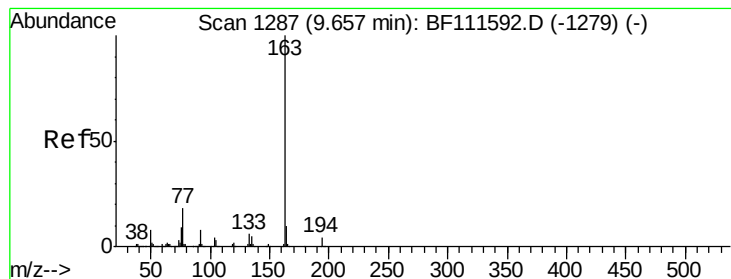
Abundance

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: 18.637 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0006-01

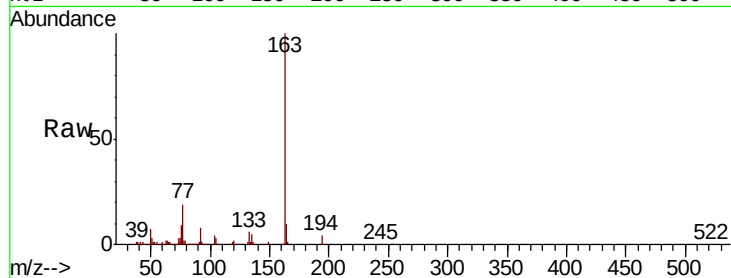
Tot Ion:163 Resp: 278818

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

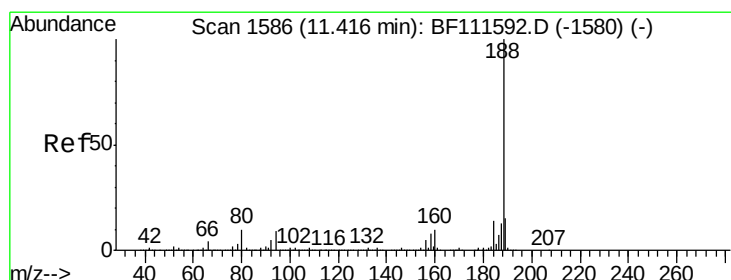
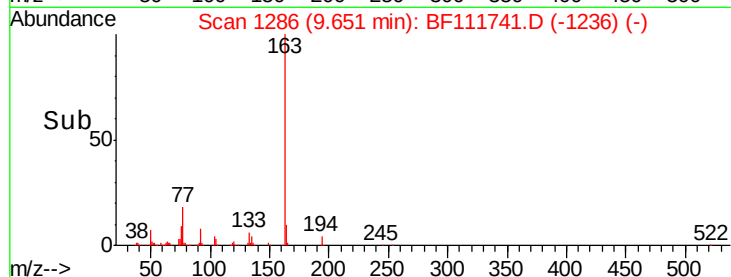
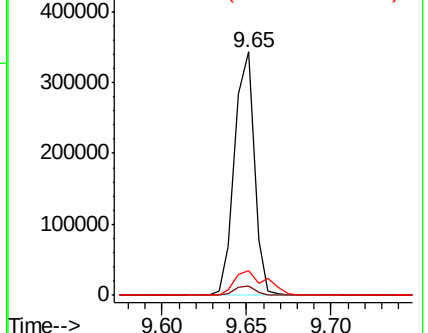
164 10.3 8.9 13.3



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111741.D

Acq: 27 Dec 2018 3:51

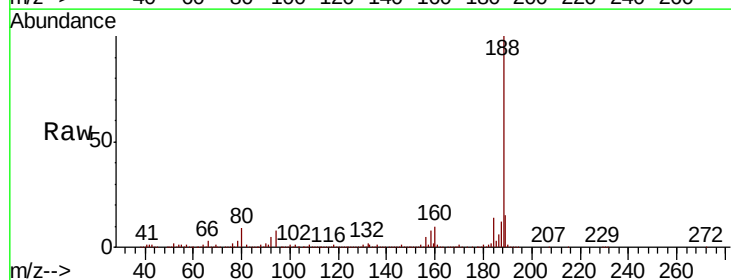
Tgt Ion:188 Resp: 400981

Ion Ratio Lower Upper

188 100

94 8.2 9.6 14.4#

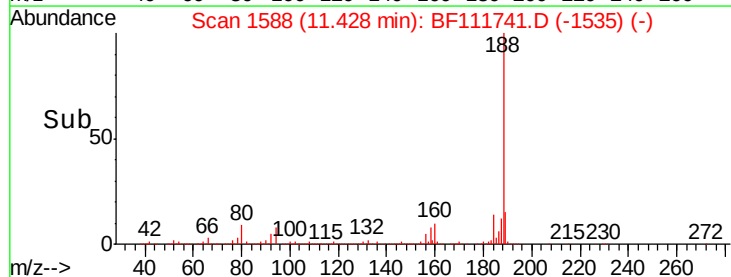
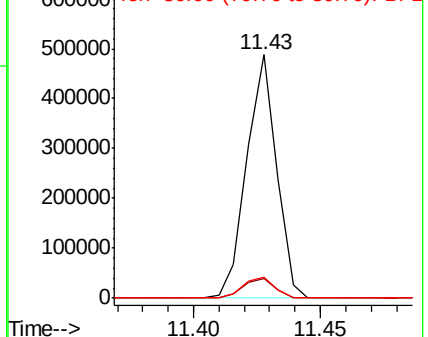
80 8.6 9.8 14.6#

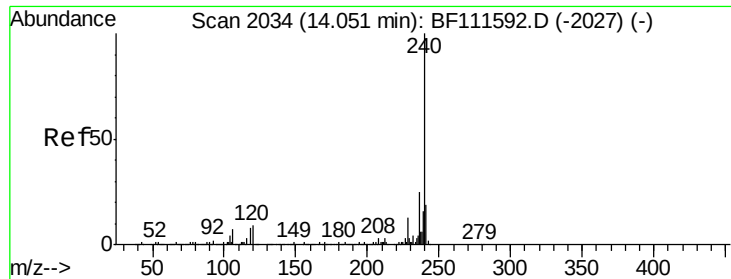


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

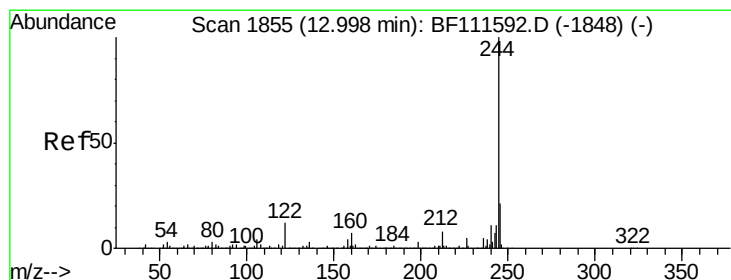
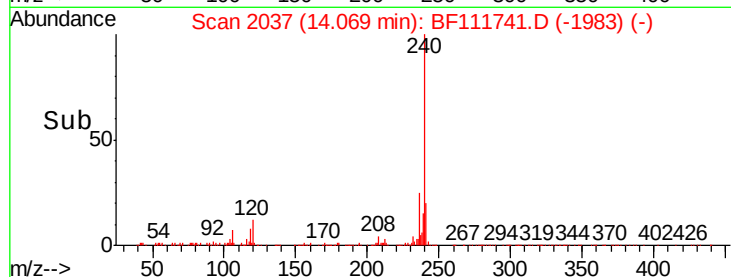
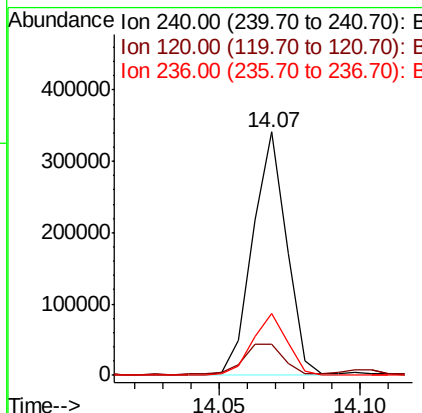
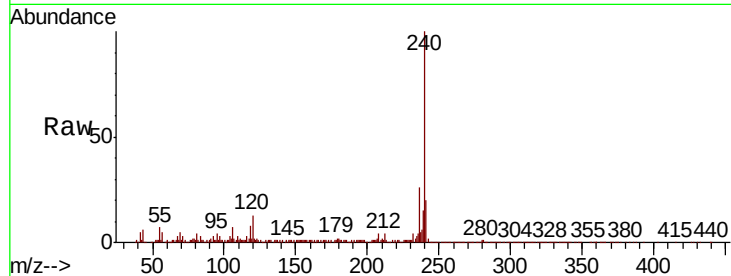




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

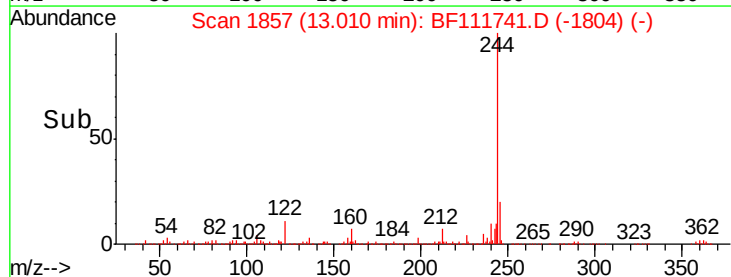
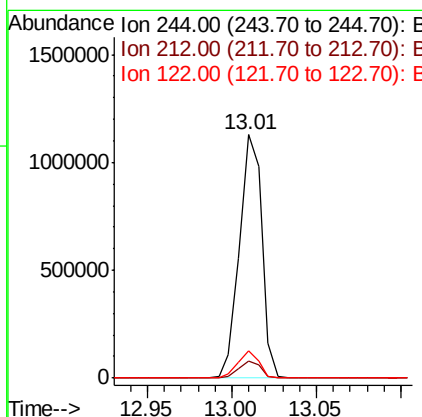
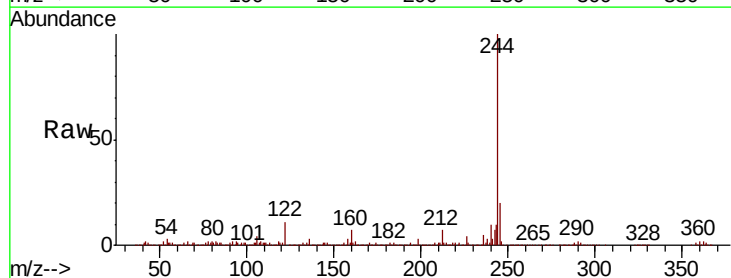
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0006-01

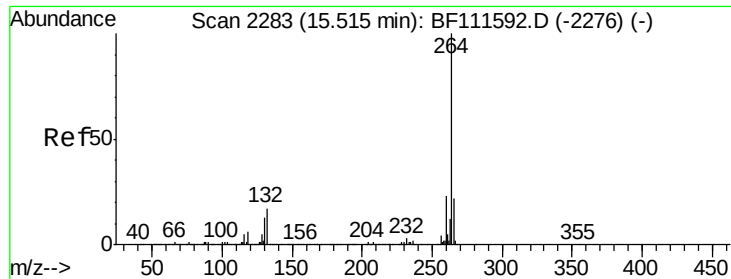
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.2	18.2
236	25.6	20.2	30.2



#79
 Terphenyl-d14
 Concen: 69.551 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111741.D
 Acq: 27 Dec 2018 3:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.1	13.1	19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111741.D
Acq: 27 Dec 2018 3:51

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0006-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	23.0	17.7	26.5

