

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111007.D
 Acq On : 27 Nov 2018 14:06
 Operator : JU/SJ
 Sample : J6060-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180942-COMPOSITE-1

Quant Time: Nov 27 16:07:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

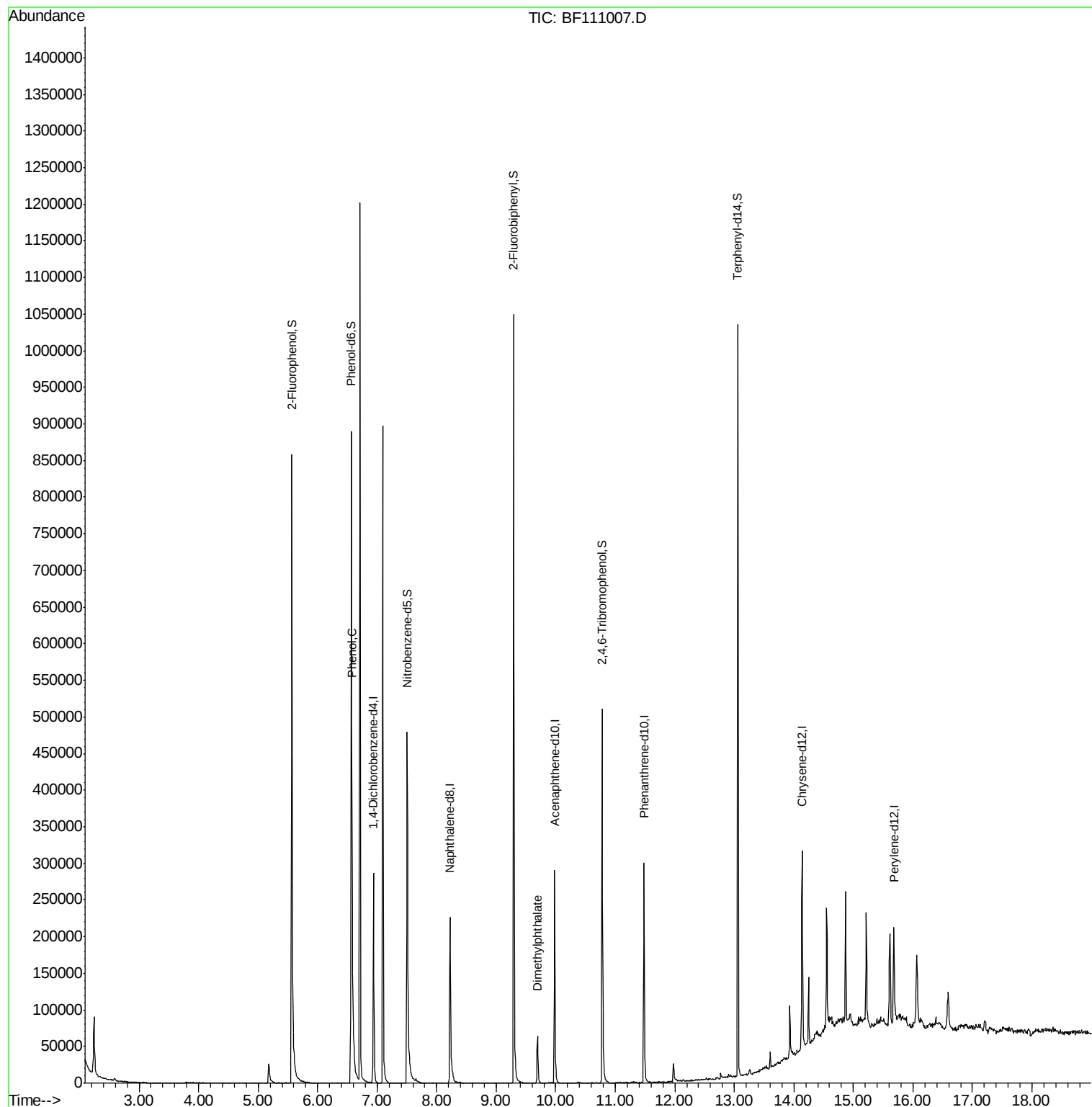
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	43324	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	150490	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	63543	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	127442	20.00	ng	0.00
76) Chrysene-d12	14.14	240	97345	20.00	ng	0.00
87) Perylene-d12	15.68	264	65725	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	293457	112.33	ng	0.01
7) Phenol-d6	6.57	99	341594	100.33	ng	0.00
23) Nitrobenzene-d5	7.50	82	205898	78.30	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	71625	113.50	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	343003	78.20	ng	0.00
79) Terphenyl-d14	13.06	244	368069	73.60	ng	0.00
Target Compounds						
10) Phenol	6.58	94	16513	4.307	ng	90
50) Dimethylphthalate	9.69	163	36467	7.825	ng	100

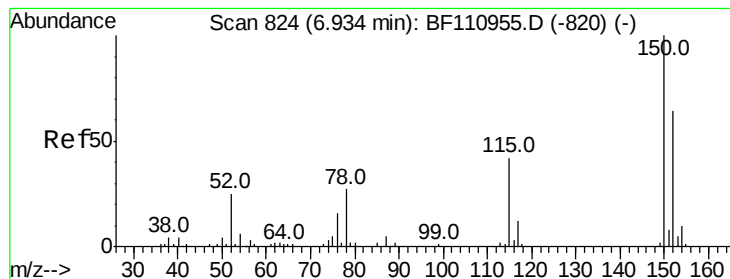
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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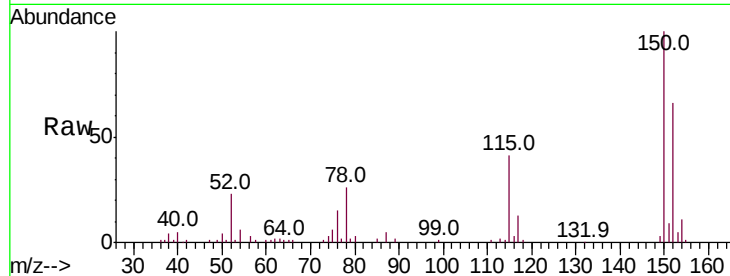


#1

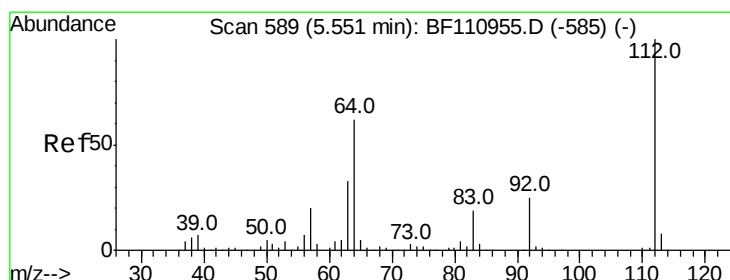
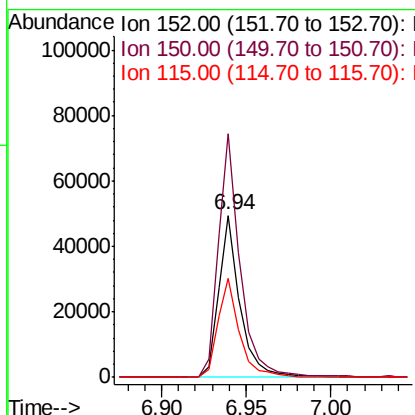
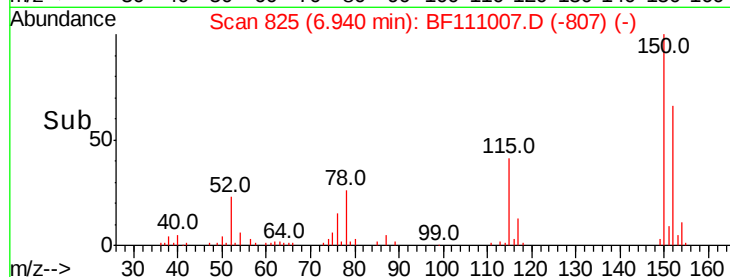
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111007.D
 Acq: 27 Nov 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 20180942-COMPOSITE-1

Tot Ion:152 Resp: 43324
 Ion Ratio Lower Upper
 152 100
 150 150.4 122.7 184.1
 115 61.2 49.1 73.7



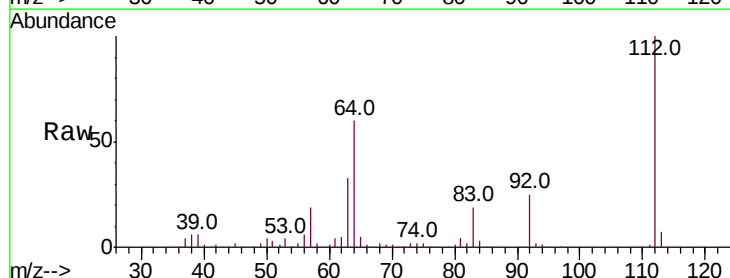
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



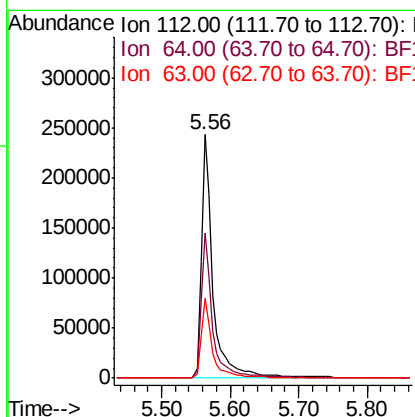
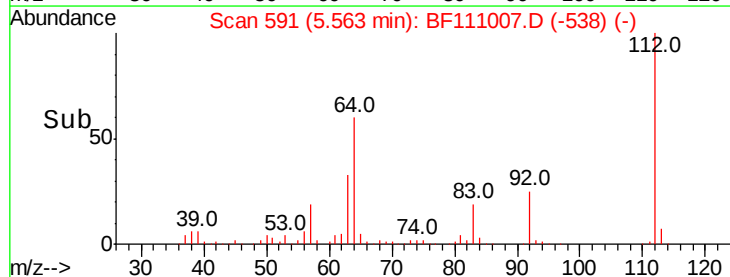
#5

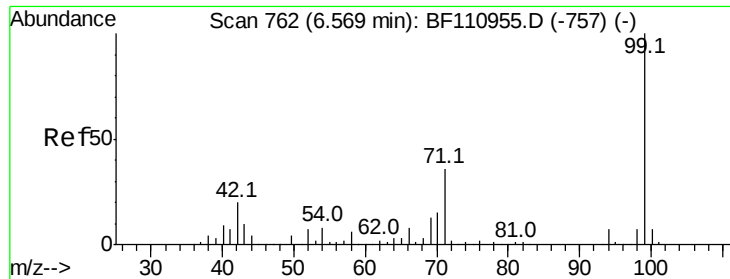
2-Fluorophenol
 Concen: 112.327 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF111007.D
 Acq: 27 Nov 2018 14:06

Tgt Ion:112 Resp: 293457
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 32.7 23.7 35.5



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: 100.334 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111007.D

Acq: 27 Nov 2018 14:06

Instrument :

BNA_F

ClientSampleId :

20180942-COMPOSITE-1

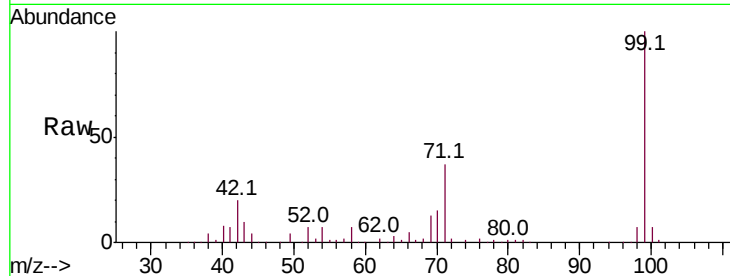
Tot Ion: 99 Resp: 341594

Ion Ratio Lower Upper

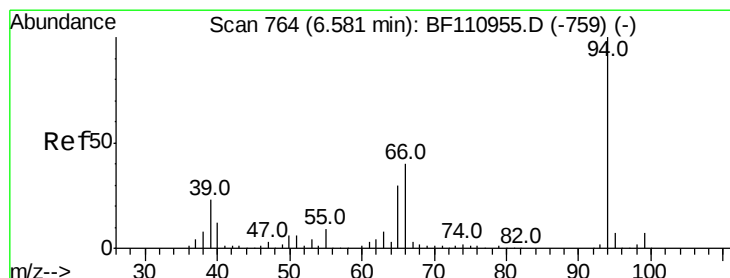
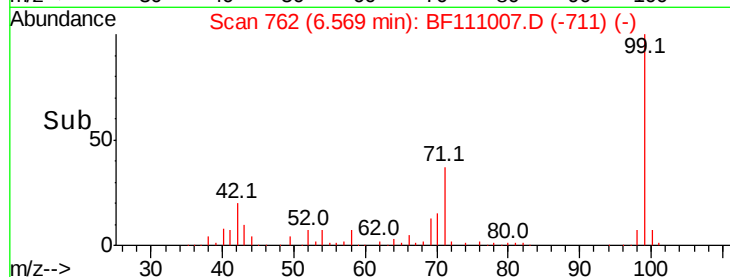
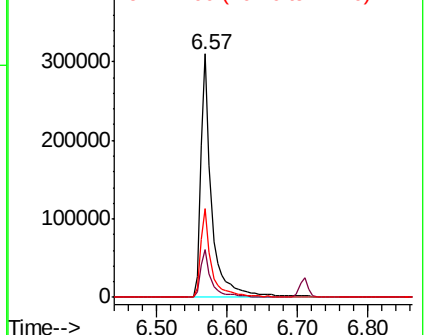
99 100

42 19.6 15.8 23.6

71 36.6 28.0 42.0



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: 4.307 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111007.D

Acq: 27 Nov 2018 14:06

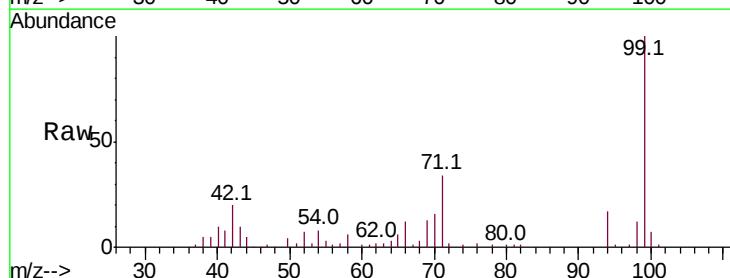
Tgt Ion: 94 Resp: 16513

Ion Ratio Lower Upper

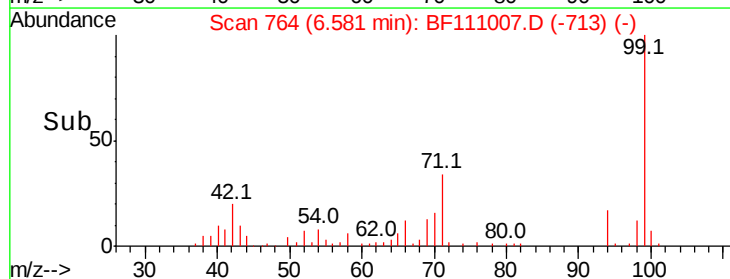
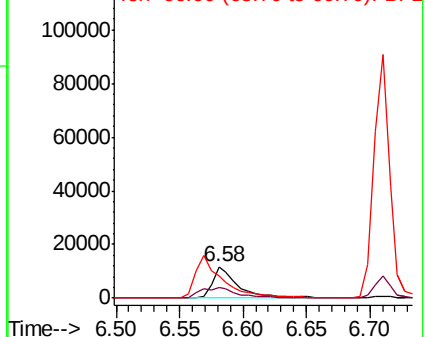
94 100

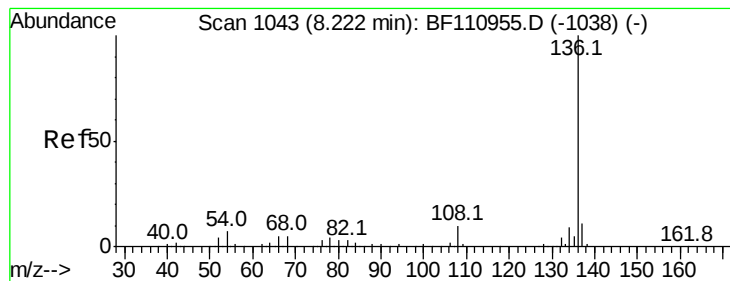
65 33.8 25.3 65.3

66 69.7 54.5 94.5



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: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF111007.D

Acq: 27 Nov 2018 14:06

Instrument :

BNA_F

ClientSampleId :

20180942-COMPOSITE-1

Tot Ion:136 Resp: 150490

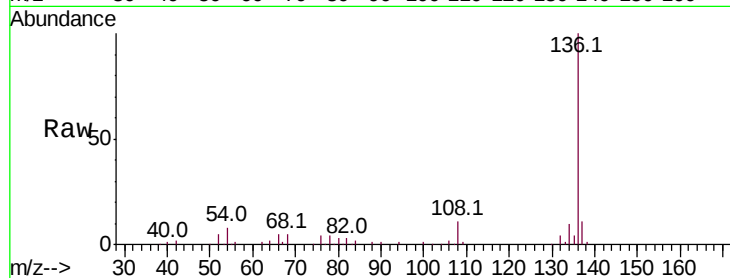
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.8 5.4 8.2

68 5.0 4.2 6.2

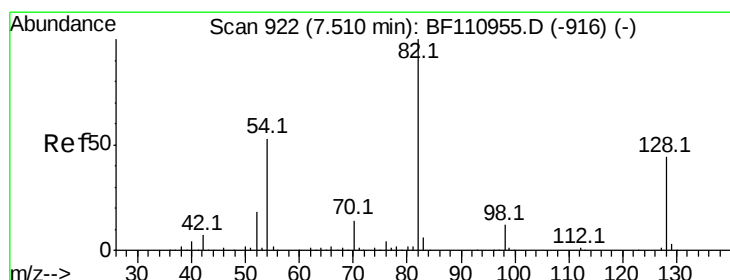
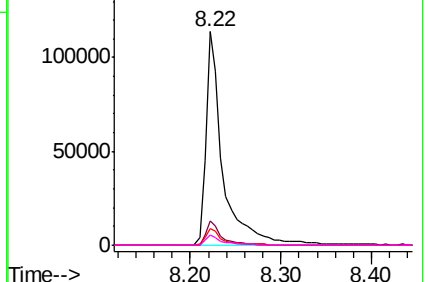
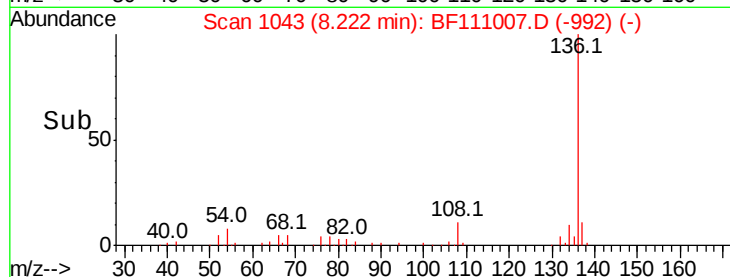


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.302 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111007.D

Acq: 27 Nov 2018 14:06

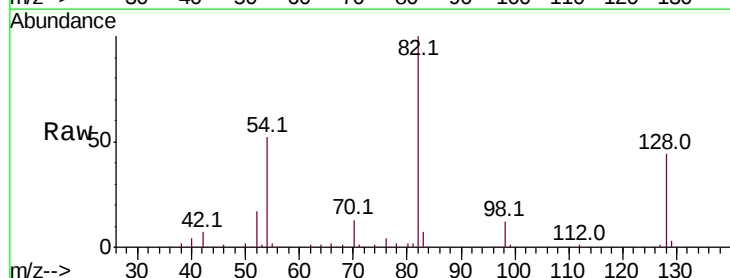
Tgt Ion: 82 Resp: 205898

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.2

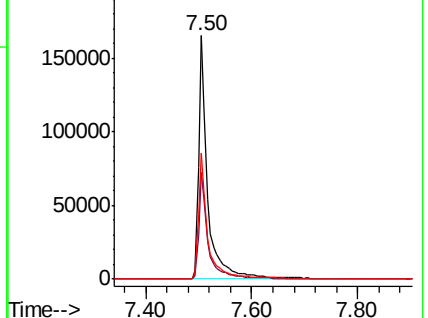
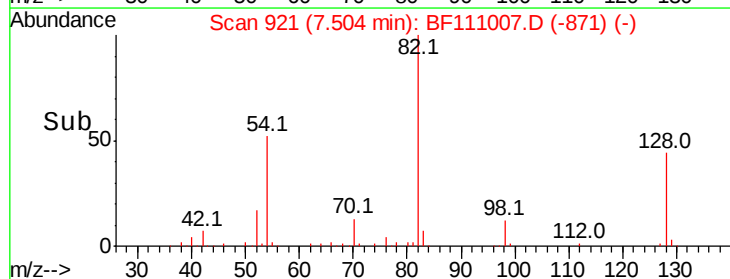
54 51.9 38.6 58.0

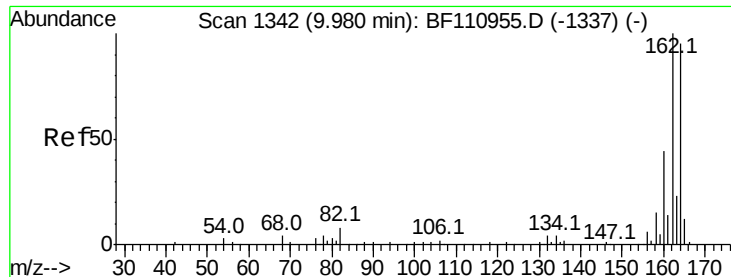


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

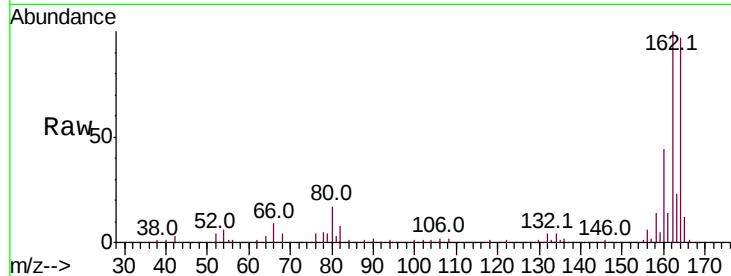




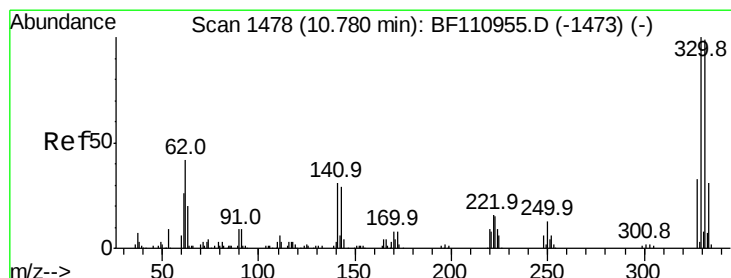
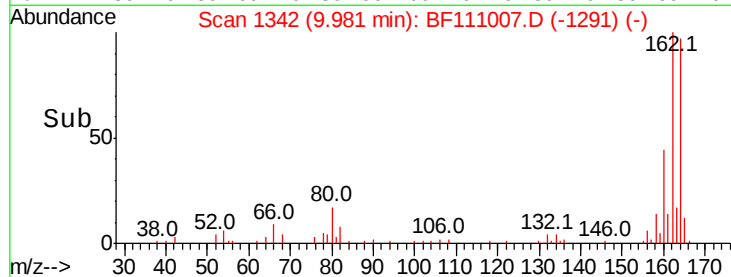
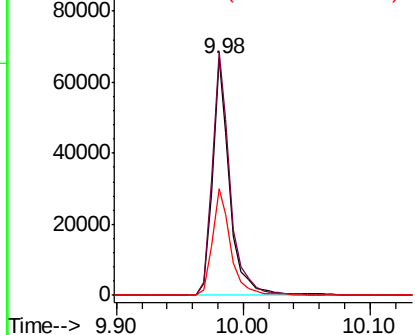
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF111007.D
Acq: 27 Nov 2018 14:06

Instrument :
BNA_F
ClientSampleId :
20180942-COMPOSITE-1

Tot Ion:164 Resp: 63543
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.6
160 45.3 37.0 55.6

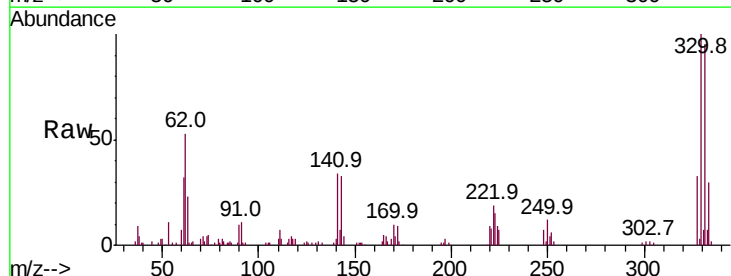


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

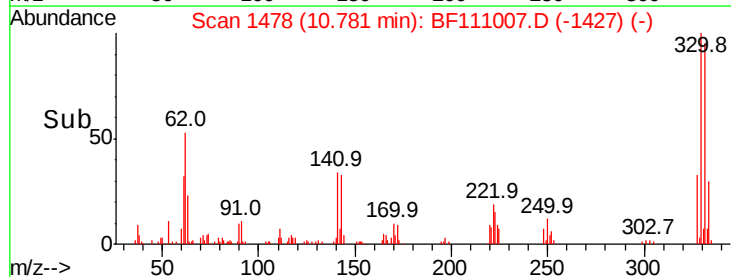
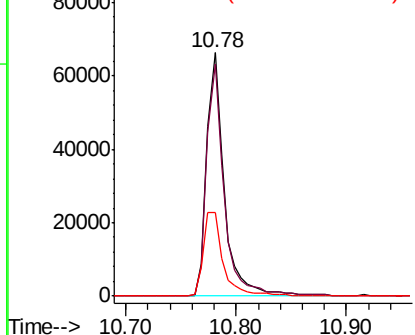


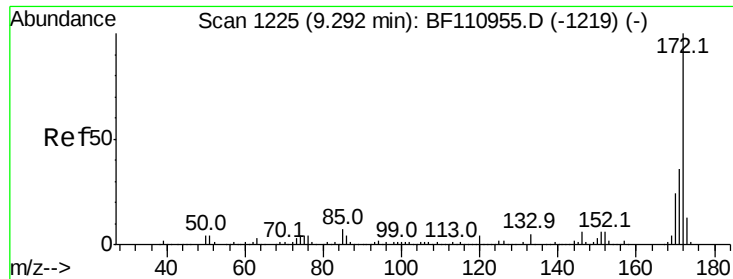
#42
2,4,6-Tribromophenol
Concen: 113.498 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF111007.D
Acq: 27 Nov 2018 14:06

Tgt Ion:330 Resp: 71625
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 38.3 27.0 40.4



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

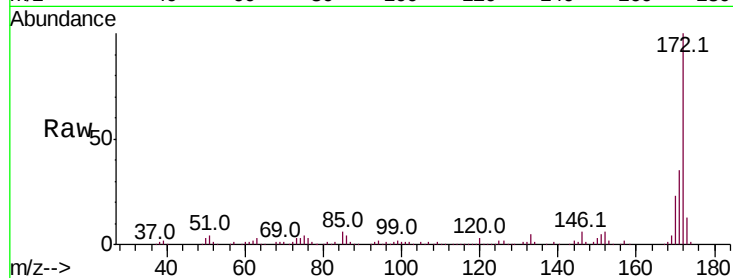




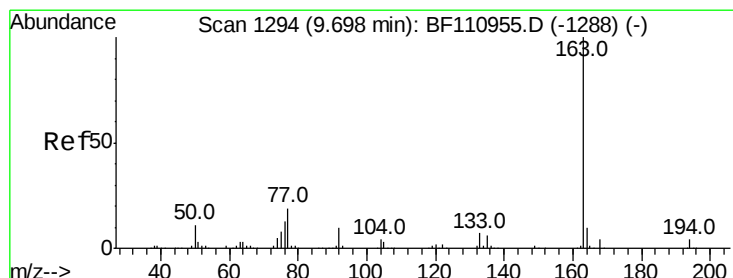
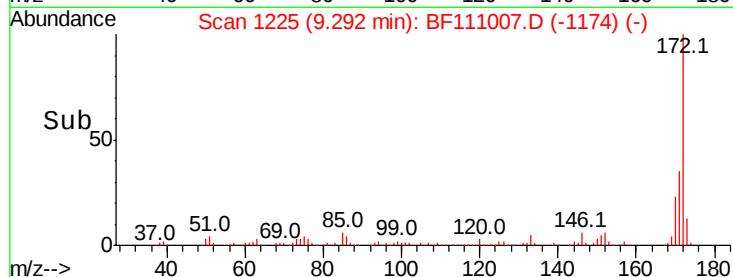
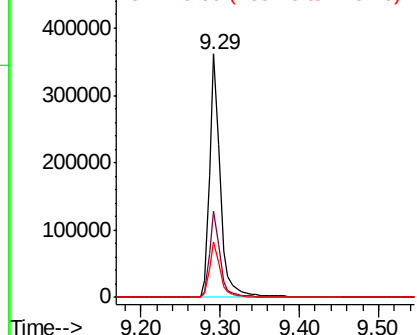
#45
2-Fluorobiphenyl
Concen: 78.204 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF111007.D
Acq: 27 Nov 2018 14:06

Instrument :
BNA_F
ClientSampleId :
20180942-COMPOSITE-1

Tot Ion:172 Resp: 343003
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.0 19.7 29.5

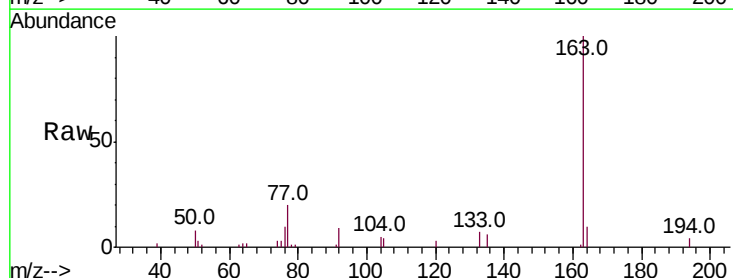


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

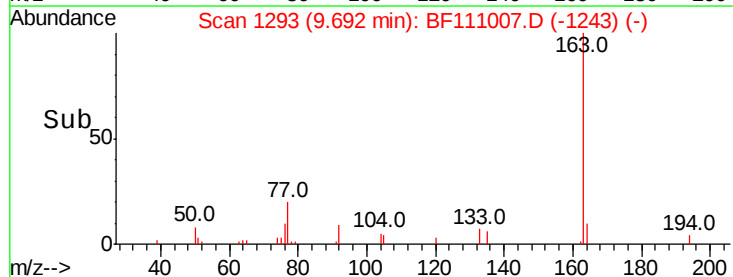
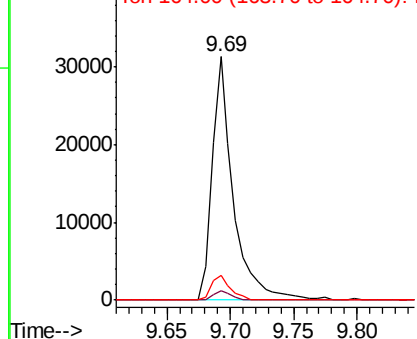


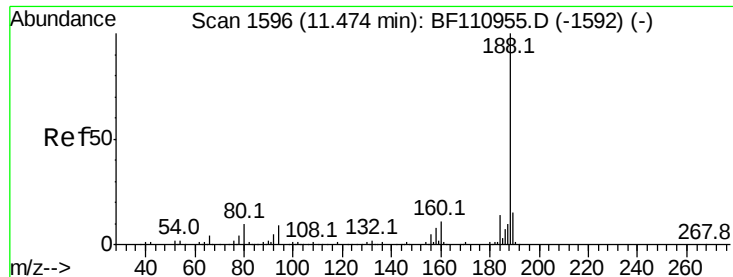
#50
Dimethylphthalate
Concen: 7.825 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111007.D
Acq: 27 Nov 2018 14:06

Tgt Ion:163 Resp: 36467
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 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: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111007.D

Acq: 27 Nov 2018 14:06

Instrument :

BNA_F

ClientSampleId :

20180942-COMPOSITE-1

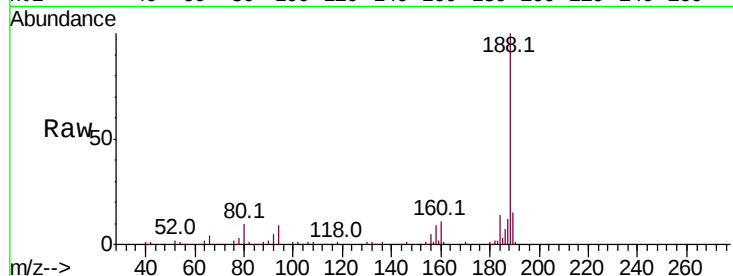
Tot Ion:188 Resp: 127442

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

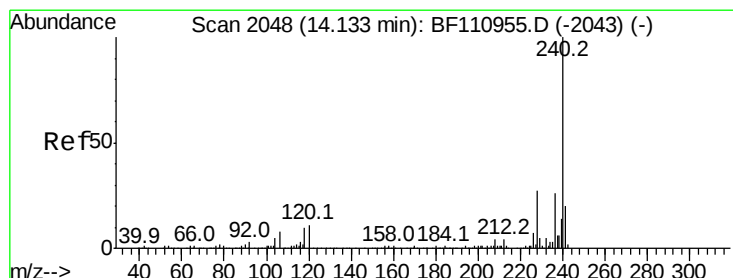
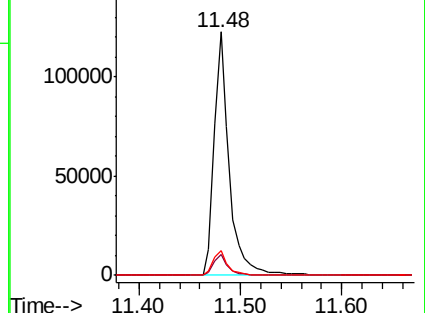
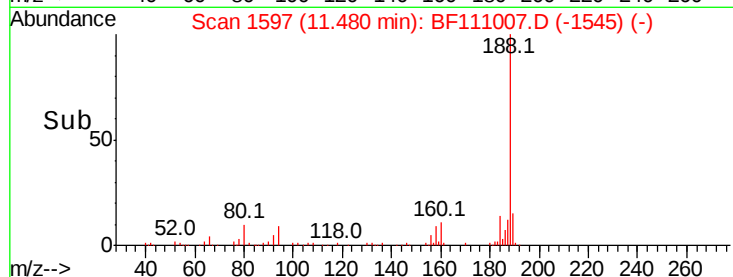
80 10.0 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BF111007.D

Acq: 27 Nov 2018 14:06

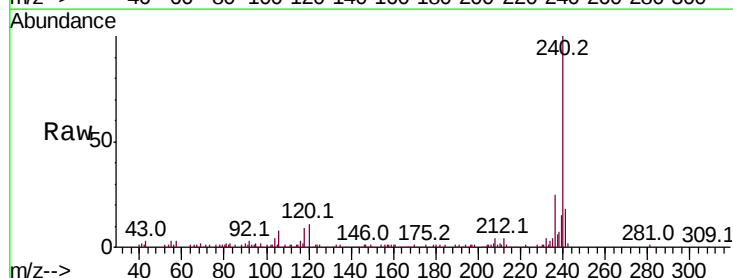
Tgt Ion:240 Resp: 97345

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

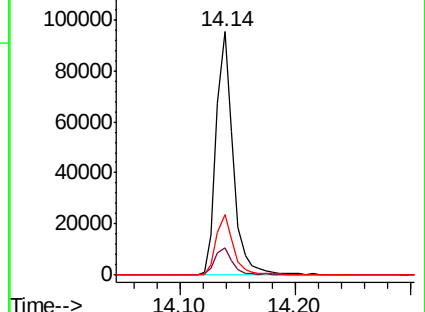
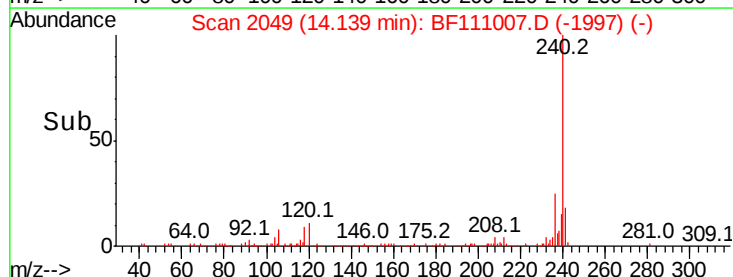
236 24.8 21.2 31.8

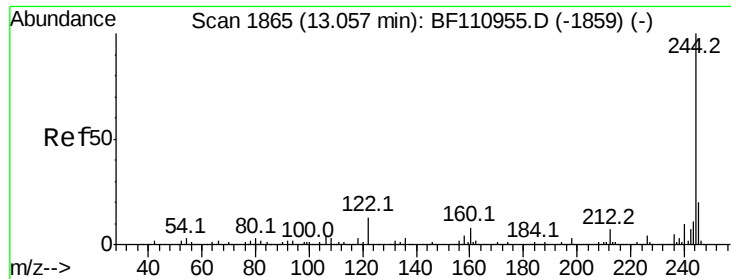


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

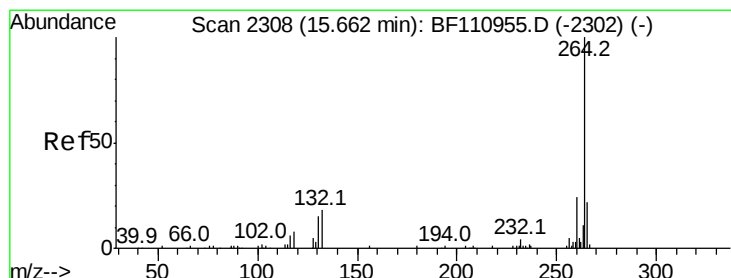
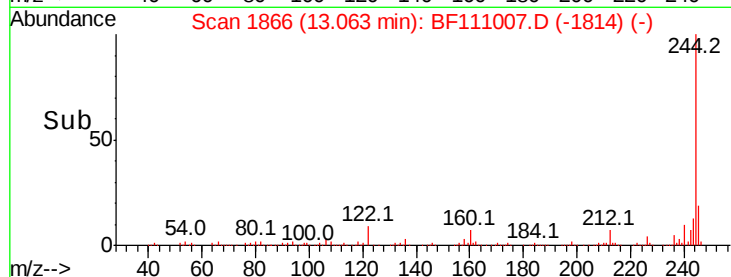
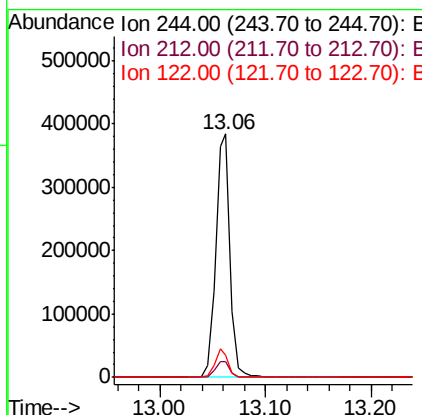
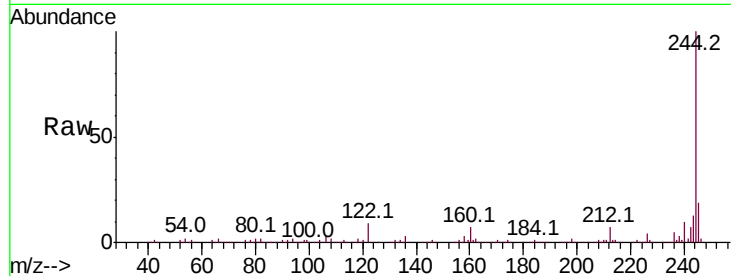




#79
 Terphenyl-d14
 Concen: 73.604 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF111007.D
 Acq: 27 Nov 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :
 20180942-COMPOSITE-1

Tot Ion:244 Resp: 368069
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 9.2 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BF111007.D
 Acq: 27 Nov 2018 14:06

Tgt Ion:264 Resp: 65725
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.1 16.7 25.1

