

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110544.D
 Acq On : 7 Nov 2018 5:45
 Operator : JU/SJ
 Sample : J5735-05 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:48:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

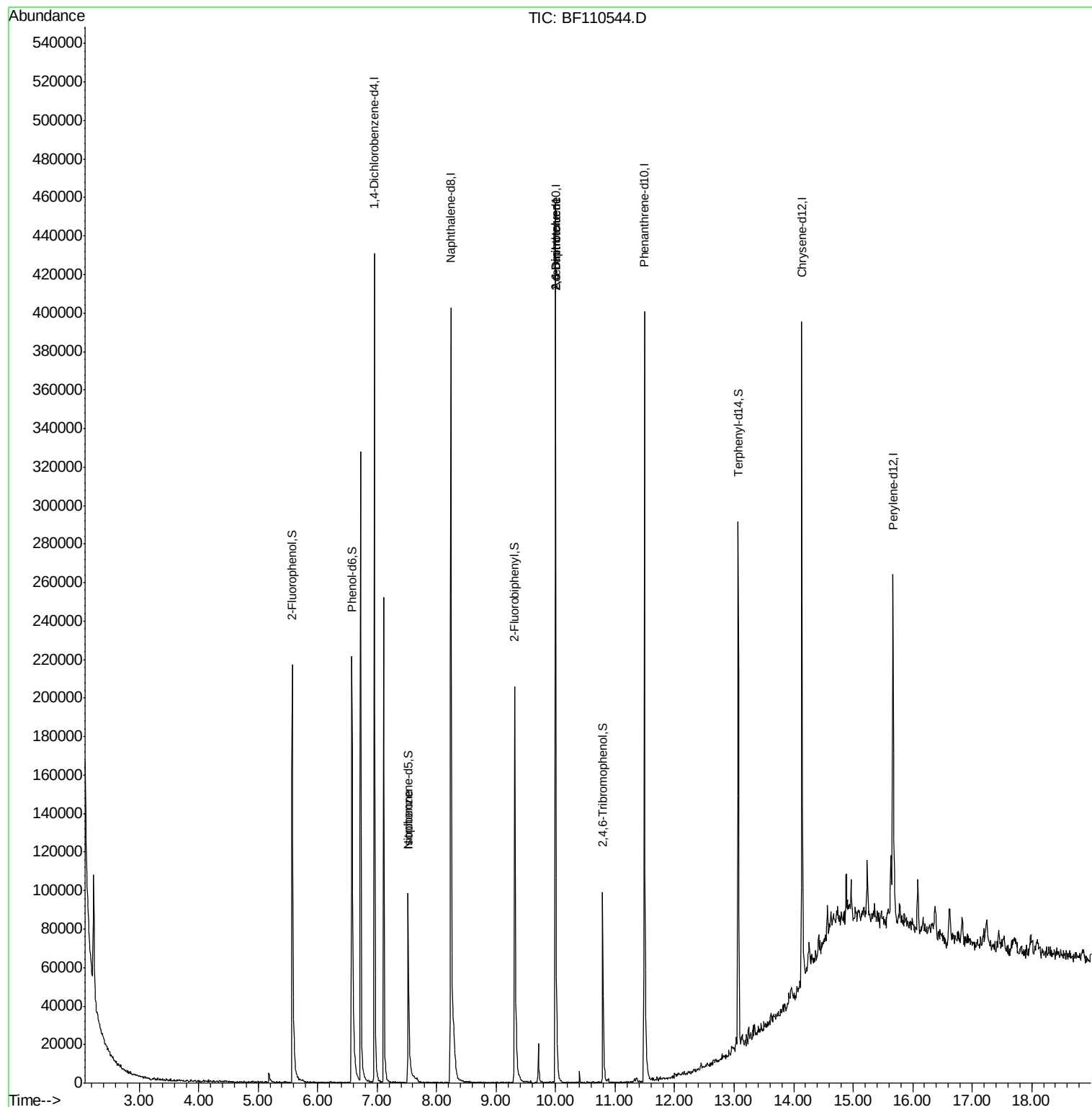
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68802	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	269452	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	106140	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	189297	20.00	ng	0.00
76) Chrysene-d12	14.14	240	128204	20.00	ng	0.00
87) Perylene-d12	15.67	264	94061	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	83179	19.69	ng	0.00
7) Phenol-d6	6.57	99	108229	20.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	52828	11.63	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	17443	16.59	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	114771	16.98	ng	0.00
79) Terphenyl-d14	13.07	244	98266	15.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	1803	Below Cal	#	76
25) Isophorone	7.52	82	52828	6.82 ng	#	67
51) 2,6-Dinitrotoluene	10.00	165	12912	7.65 ng	#	21
57) 2,4-Dinitrotoluene	10.00	165	12910	6.02 ng	#	17
77) Benzidine	13.07	184	1265	Below Cal	#	65

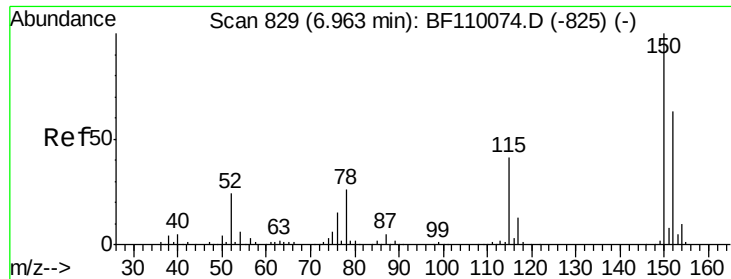
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110544.D
Acq On : 7 Nov 2018 5:45
Operator : JU/SJ
Sample : J5735-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:48:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



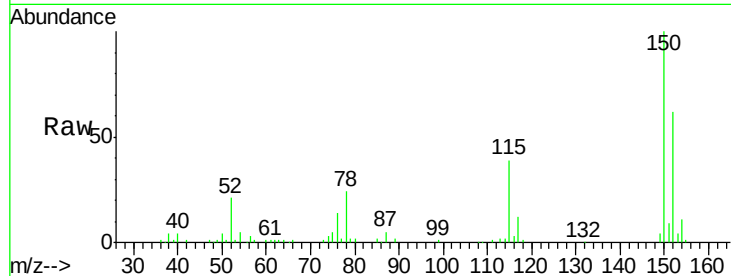


#1

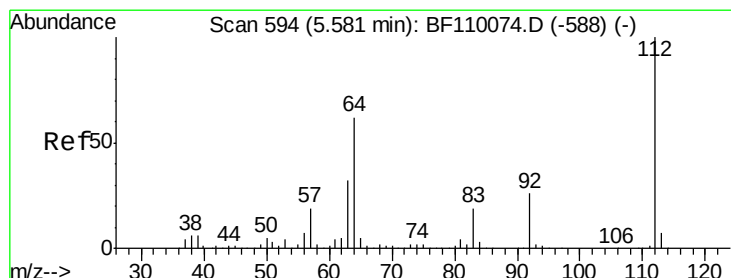
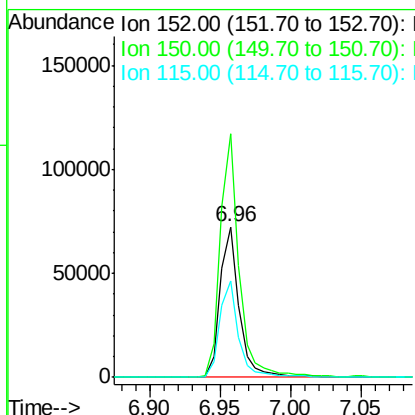
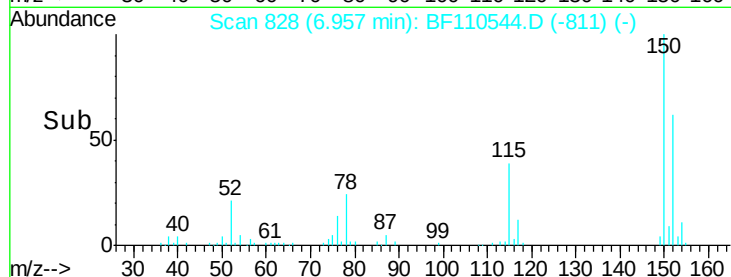
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68802
Ion Ratio Lower Upper
152 100
150 162.0 122.7 184.1
115 63.9 49.1 73.7



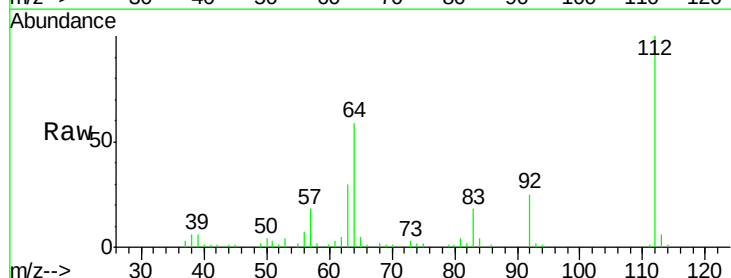
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



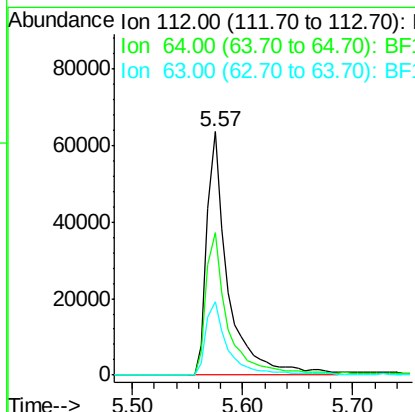
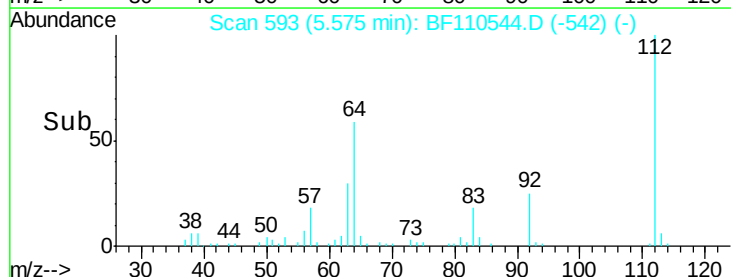
#5

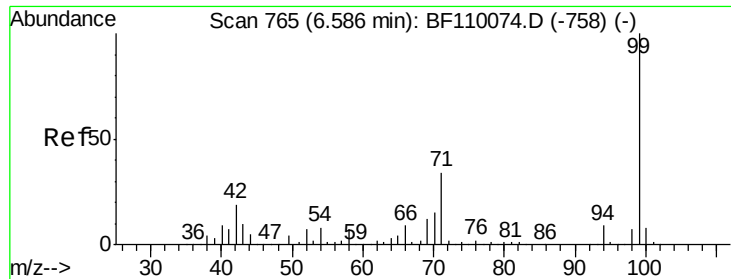
2-Fluorophenol
Concen: 19.69 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Tgt Ion:112 Resp: 83179
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 30.2 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: 20.03 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Instrument :

BNA_F

ClientSampled :

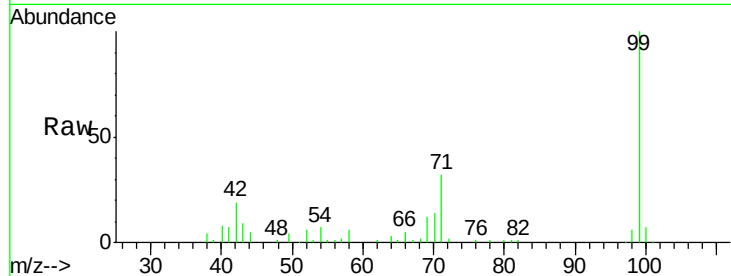
Tot Ion: 99 Resp: 108229

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

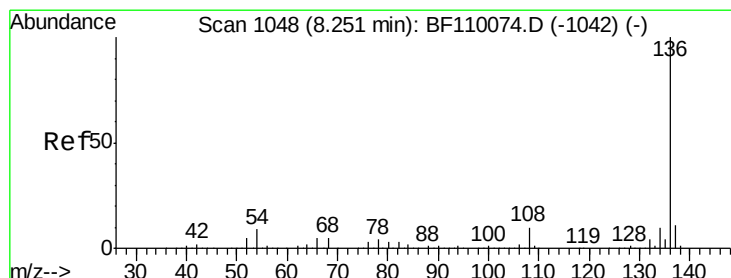
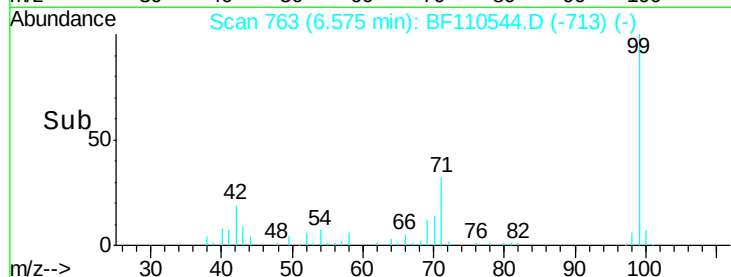
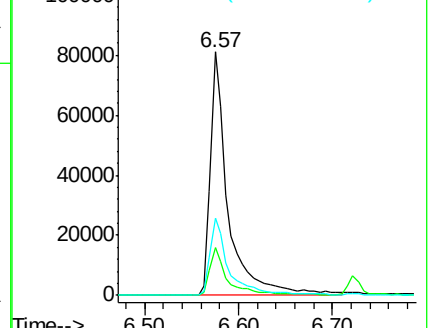
71 31.9 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Tgt Ion: 136 Resp: 269452

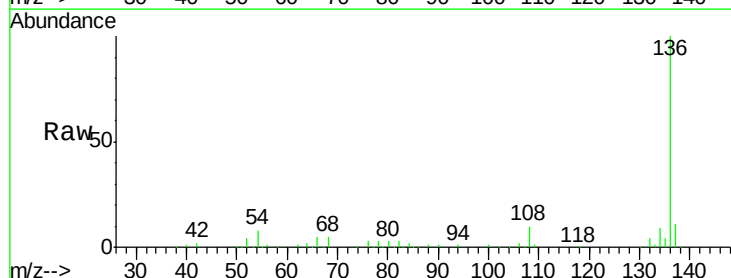
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 5.4 8.2

68 5.4 4.2 6.2

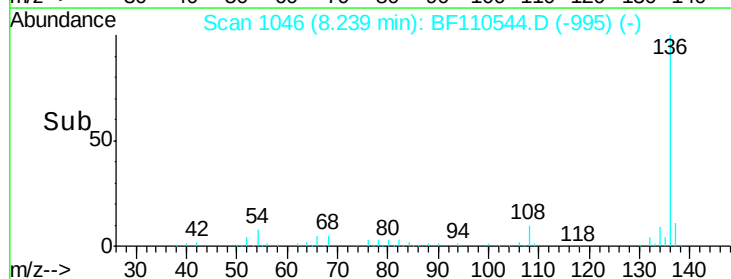
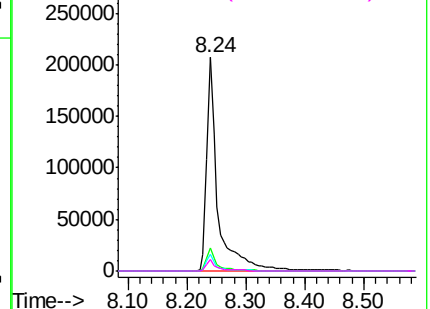


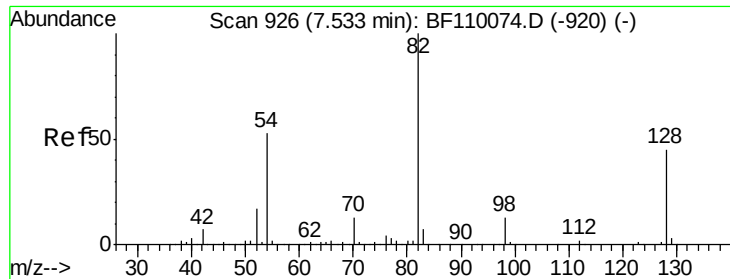
Abundance Ion 136.00 (135.70 to 136.70): E

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

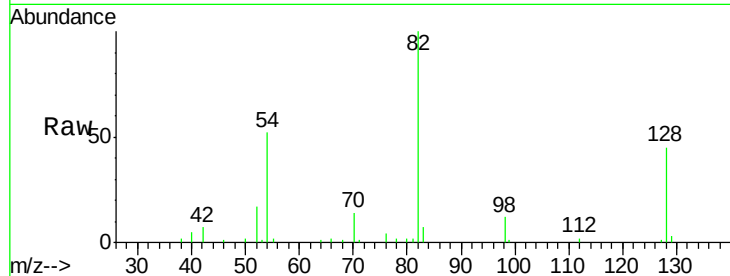




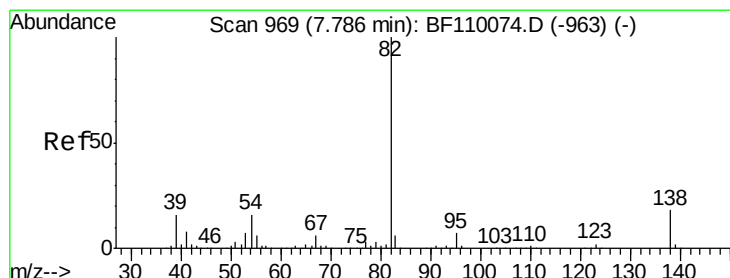
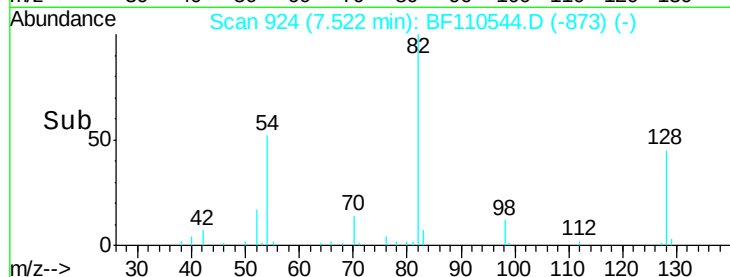
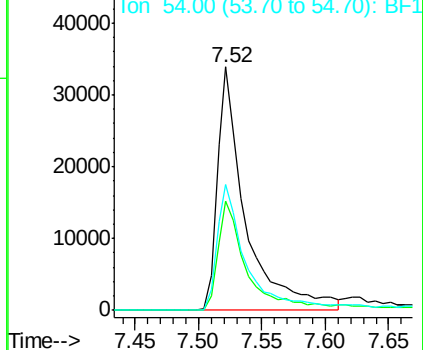
#23
 Nitrobenzene-d5
 Concen: 11.63 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110544.D
 Acq: 7 Nov 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	52828
Ion Ratio	100	Lower	Upper
128	45.1	34.2	51.2
54	51.6	38.6	58.0

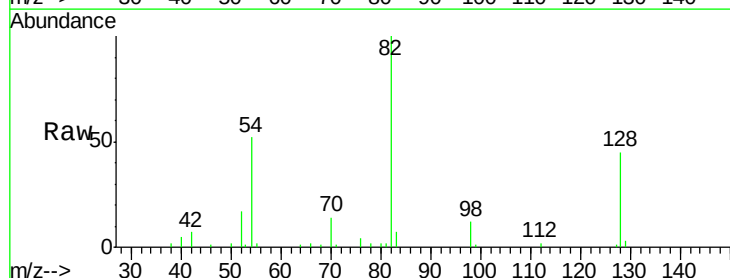


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

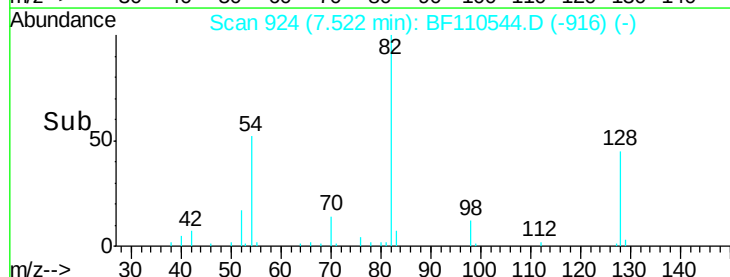
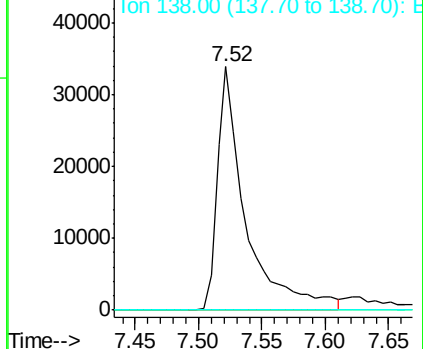


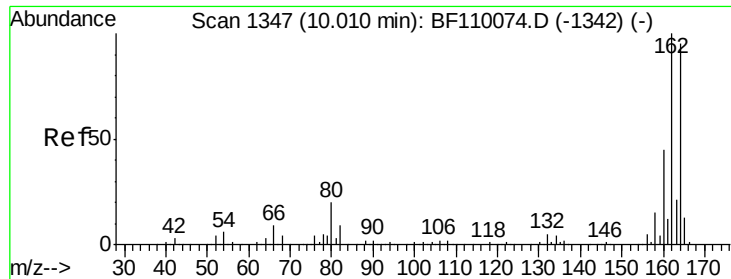
#25
 Isophorone
 Concen: 6.82 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110544.D
 Acq: 7 Nov 2018 5:45

Tgt Ion	82	Resp	52828
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

Instrument :

BNA_F

ClientSampleId :

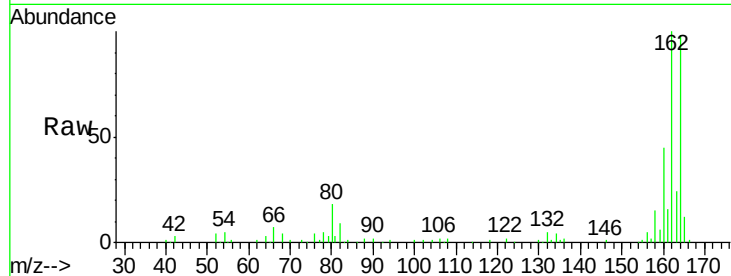
Tot Ion:164 Resp: 106140

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

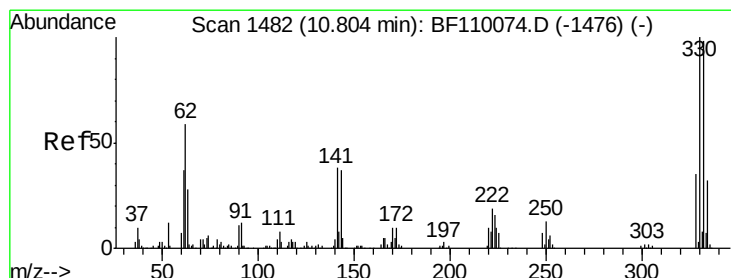
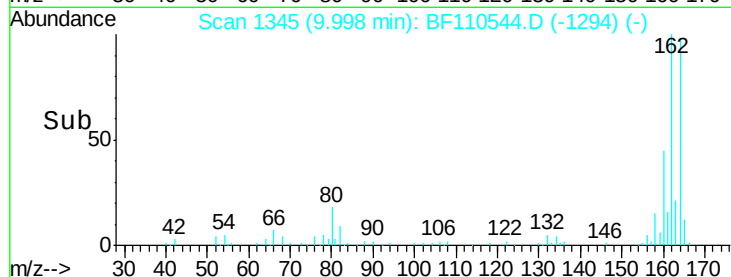
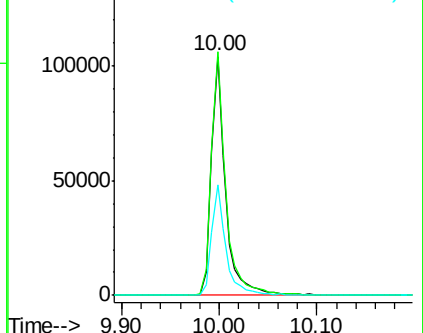
160 46.0 37.0 55.6



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: 16.59 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110544.D

Acq: 7 Nov 2018 5:45

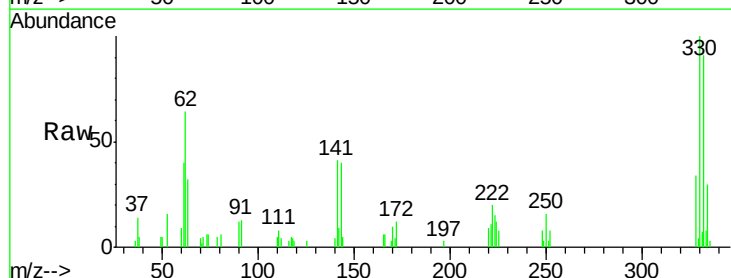
Tgt Ion:330 Resp: 17443

Ion Ratio Lower Upper

330 100

332 94.7 77.1 115.7

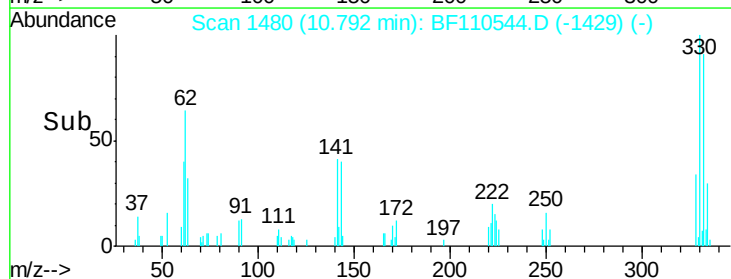
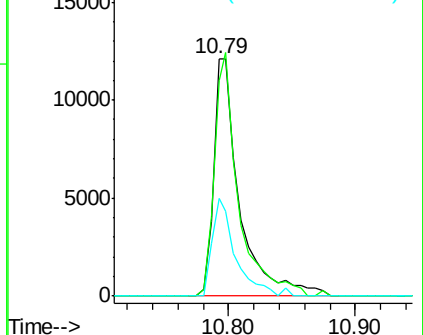
141 36.2 27.0 40.4

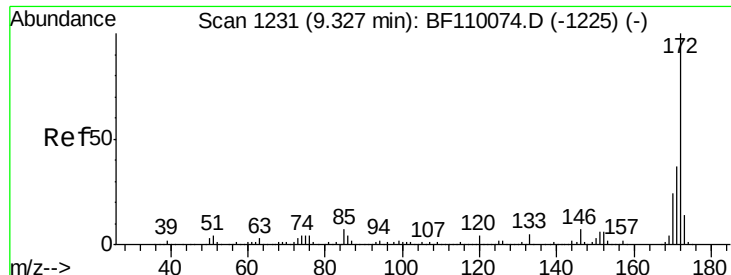


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

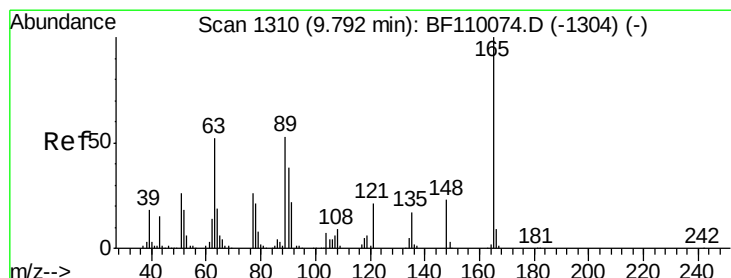
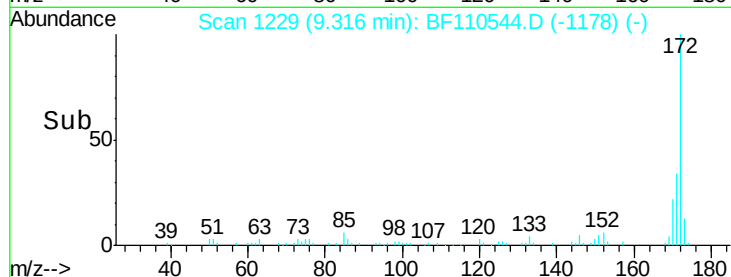
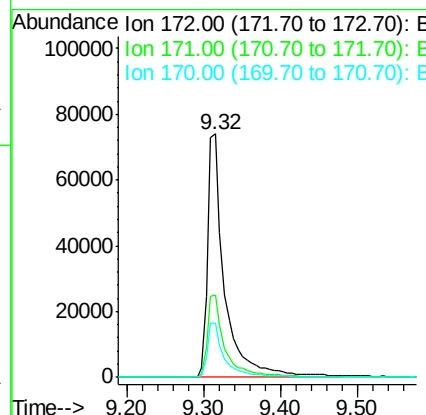
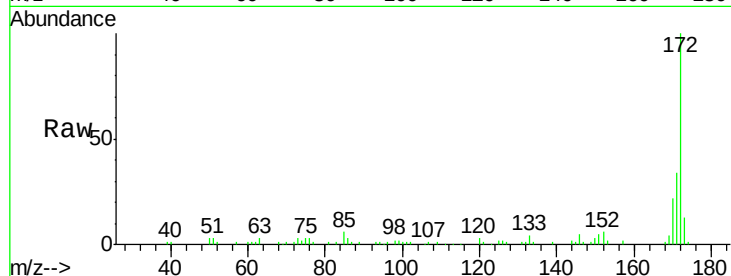




#45
2-Fluorobiphenyl
Concen: 16.98 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

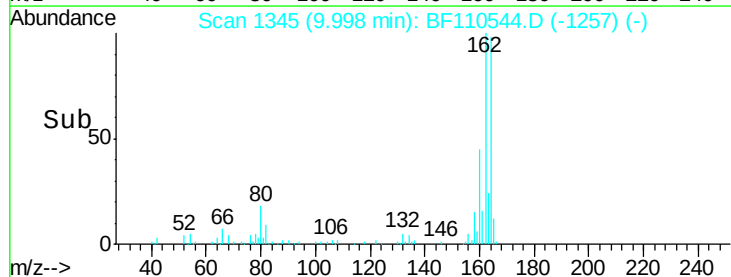
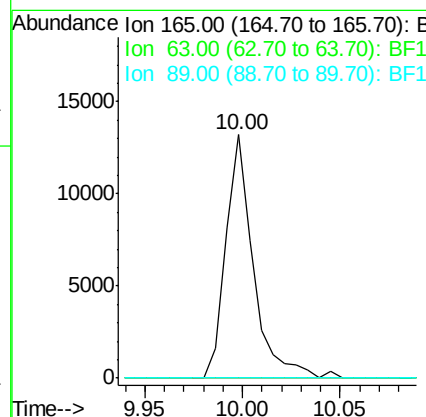
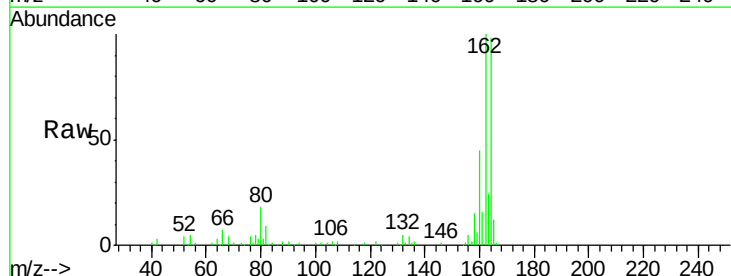
Instrument :
BNA_F
ClientSampleId :

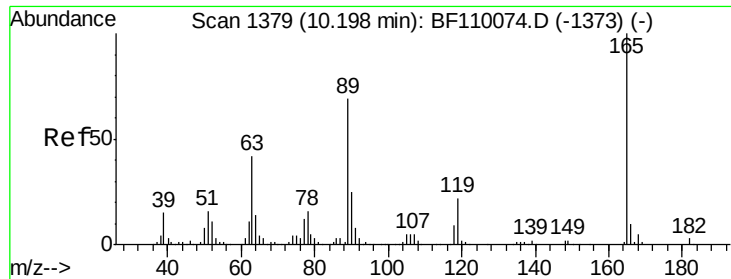
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	22.2	19.7	29.5



#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

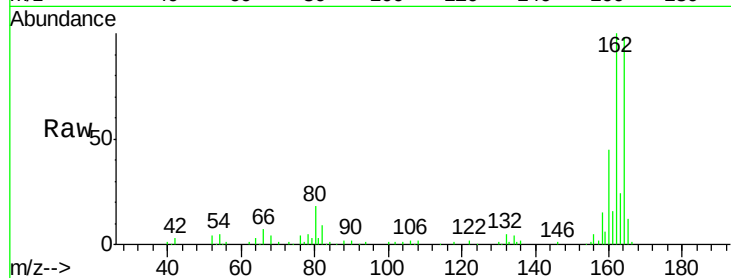




#57
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

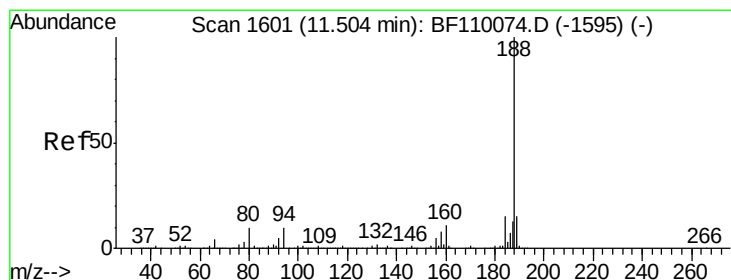
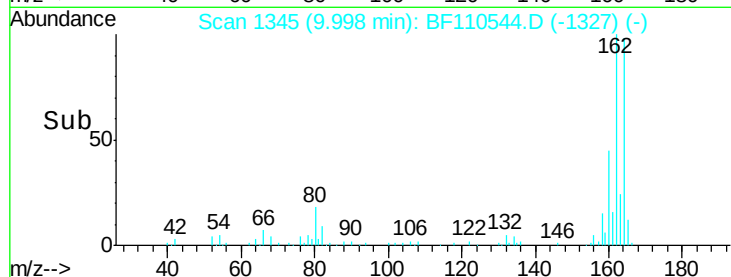
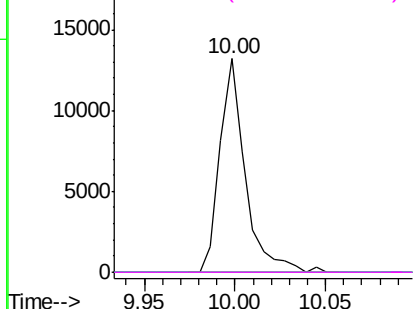


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

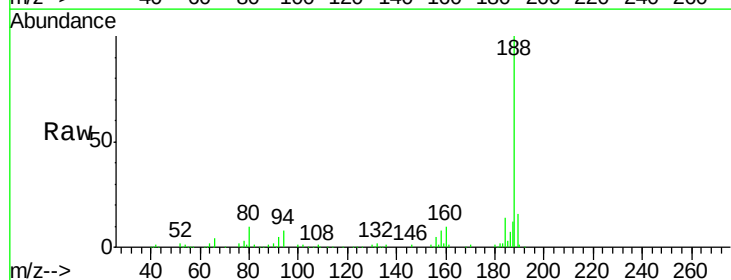
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

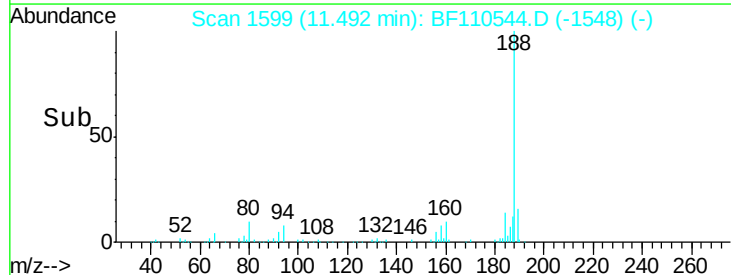
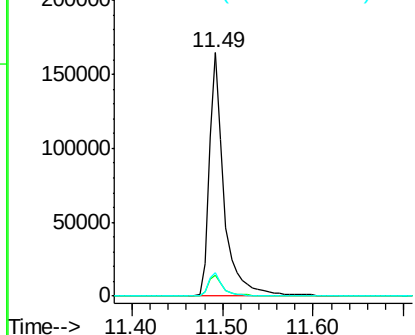
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.5	7.9	11.9

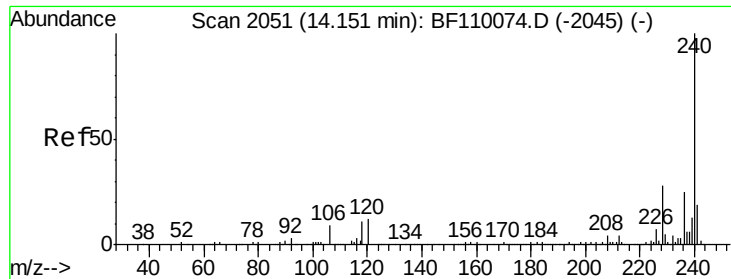


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

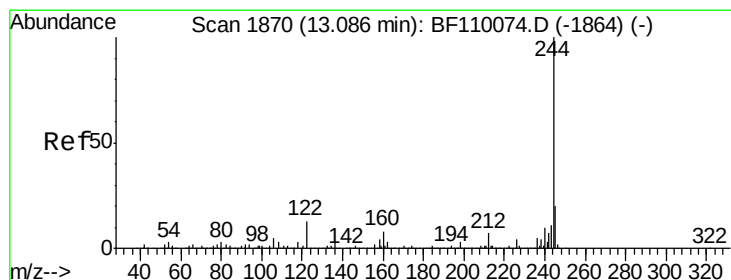
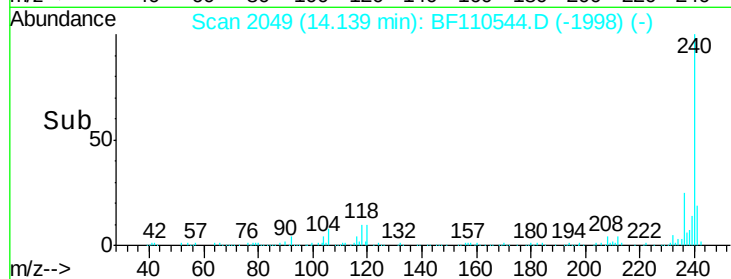
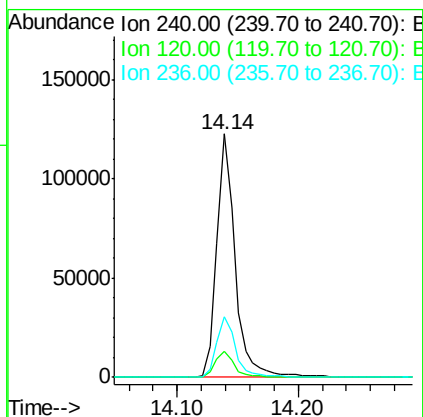
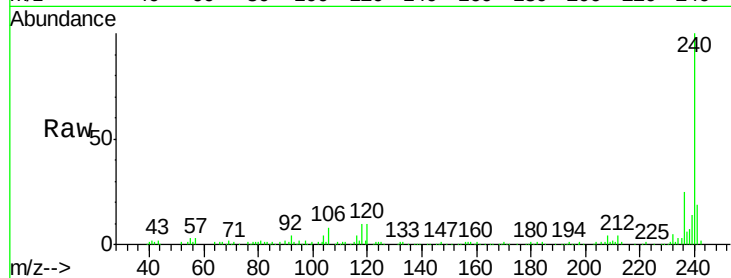




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

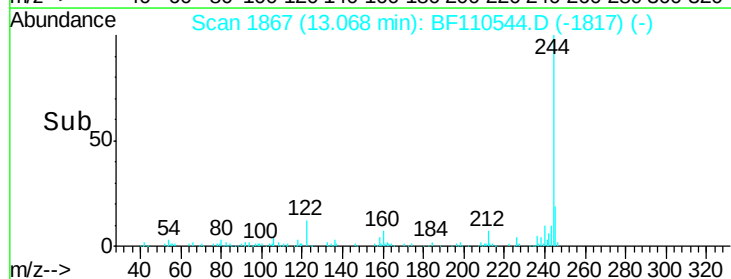
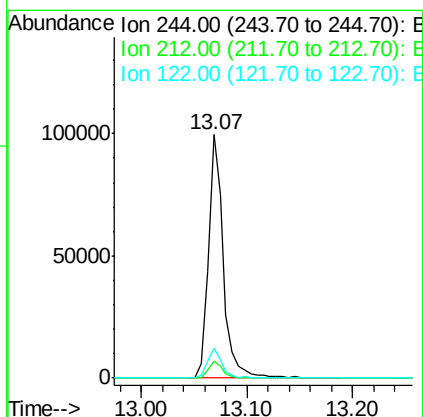
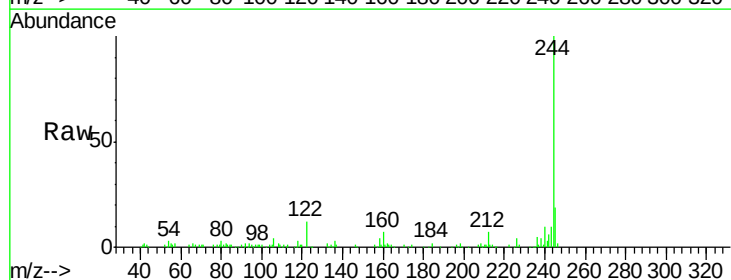
Instrument :
BNA_F
ClientSampleId :

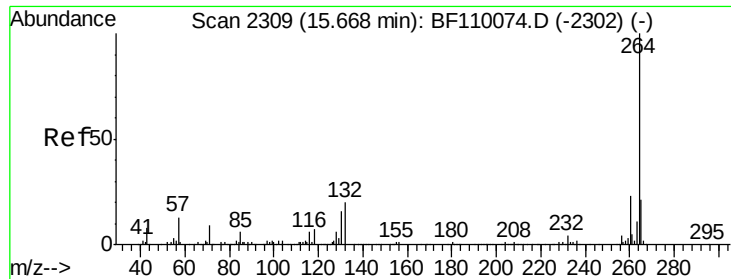
Tot Ion:240 Resp: 128204
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.0 21.2 31.8



#79
Terphenyl-d14
Concen: 15.94 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Tgt Ion:244 Resp: 98266
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.2 8.7 13.1

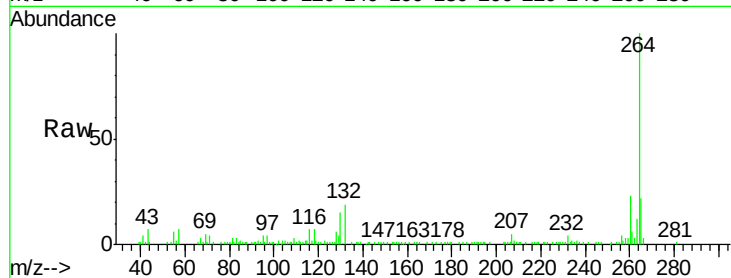




#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110544.D
Acq: 7 Nov 2018 5:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.2	16.7	25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

