

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110441.D
 Acq On : 3 Nov 2018 5:48
 Operator : JU/SJ
 Sample : J5789-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 06:47:18 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

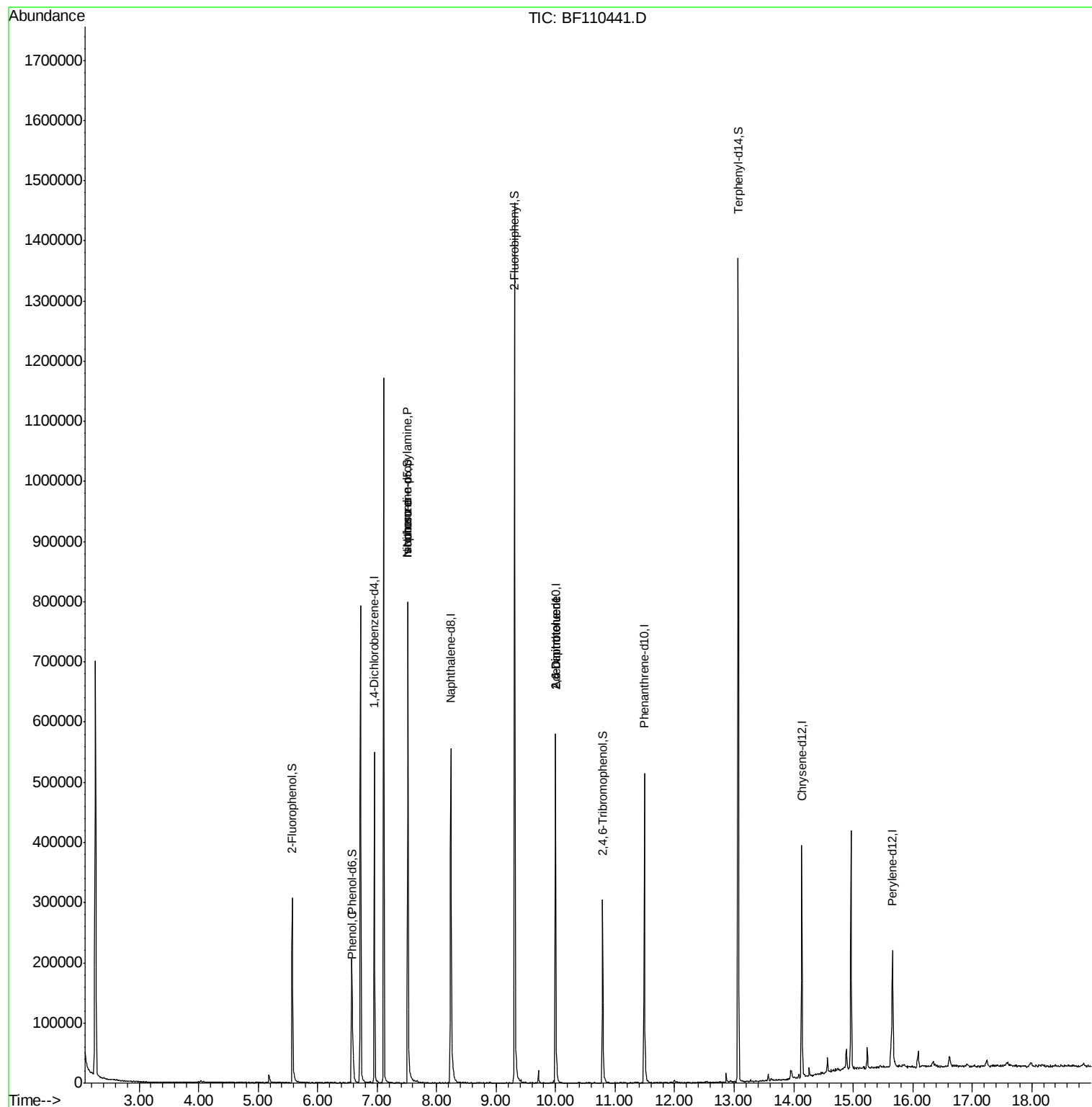
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87280	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	325047	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	130992	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	229252	20.00	ng	0.00
76) Chrysene-d12	14.13	240	156560	20.00	ng	0.00
87) Perylene-d12	15.66	264	112050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	95857	17.88	ng	0.00
7) Phenol-d6	6.57	99	80792	11.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	268786	49.05	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	44710	34.46	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	479422	57.47	ng	0.00
79) Terphenyl-d14	13.07	244	446676	59.34	ng	0.00
Target Compounds						
10) Phenol	6.59	94	18542	2.530	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	34823	7.918	ng	# 79
25) Isophorone	7.52	82	268784	28.773	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	17096	8.208	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	17096	6.462	ng	# 17

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

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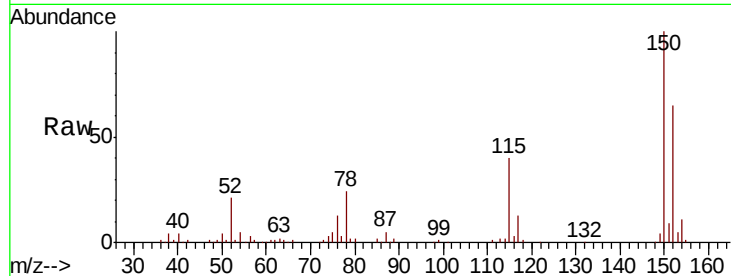


#1

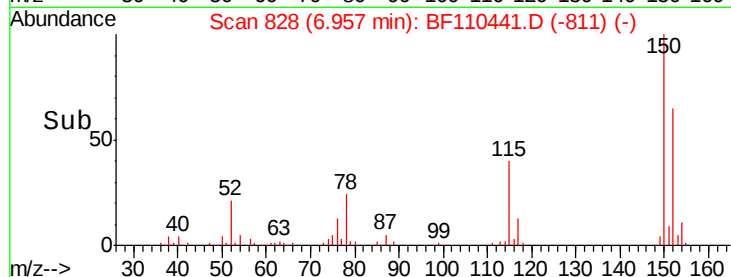
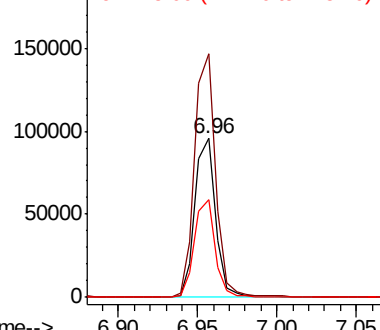
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110441.D
Acq: 3 Nov 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87280
Ion Ratio Lower Upper
152 100
150 153.1 122.7 184.1
115 61.3 49.1 73.7



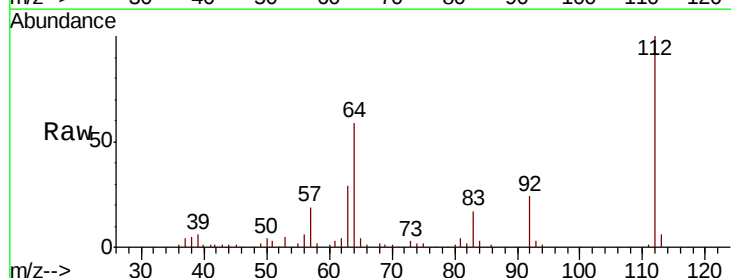
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



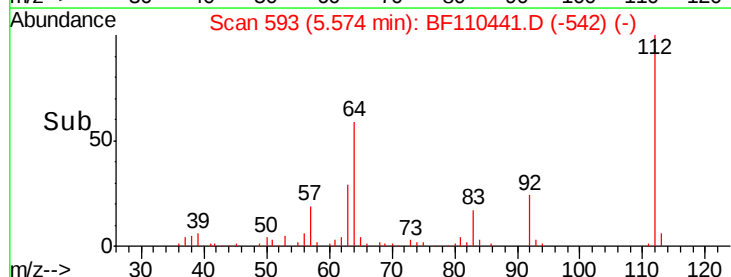
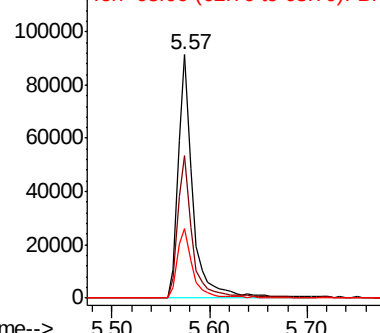
#5

2-Fluorophenol
Concen: 17.885 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF110441.D
Acq: 3 Nov 2018 5:48

Tgt Ion:112 Resp: 95857
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 28.7 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: 11.785 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110441.D

Acq: 3 Nov 2018 5:48

Instrument :

BNA_F

ClientSampleId :

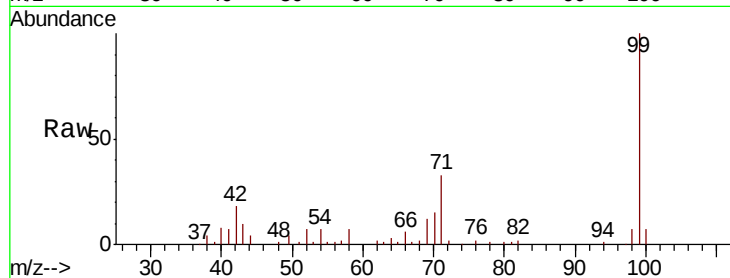
Tot Ion: 99 Resp: 80792

Ion Ratio Lower Upper

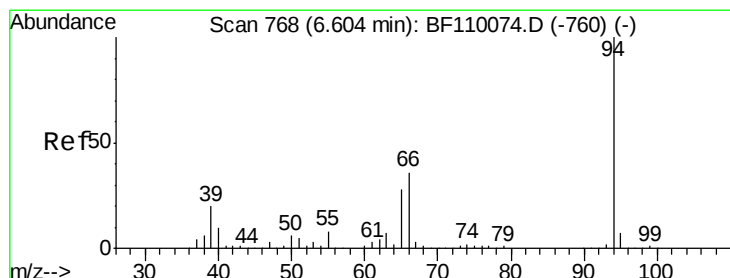
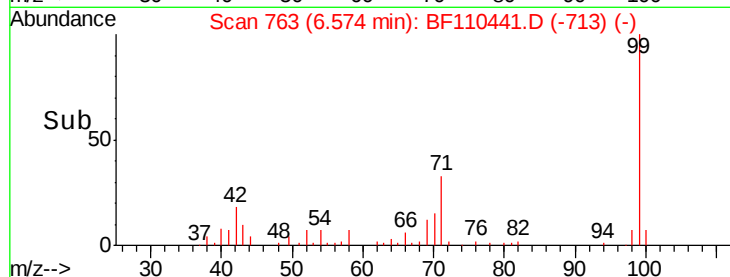
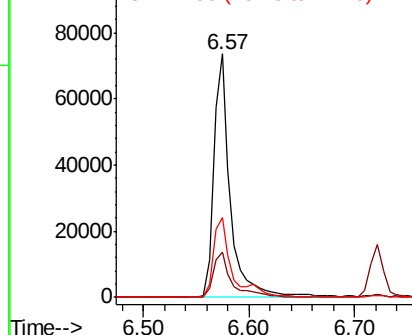
99 100

42 18.4 15.8 23.6

71 32.6 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: 2.530 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110441.D

Acq: 3 Nov 2018 5:48

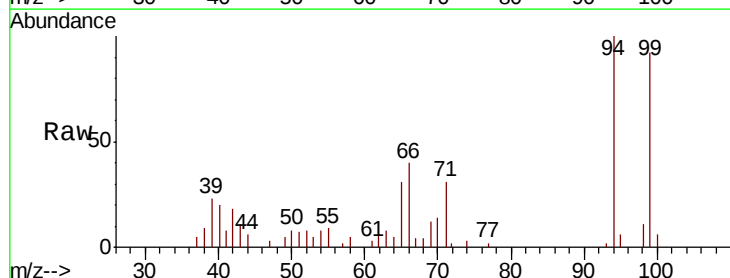
Tgt Ion: 94 Resp: 18542

Ion Ratio Lower Upper

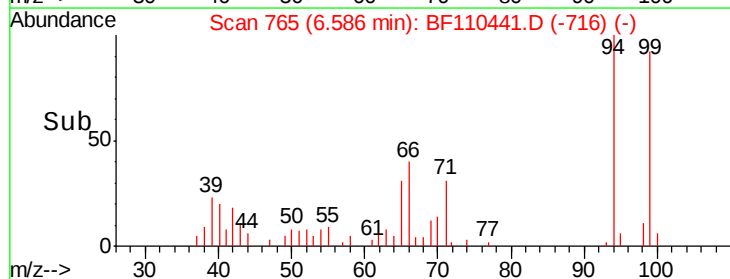
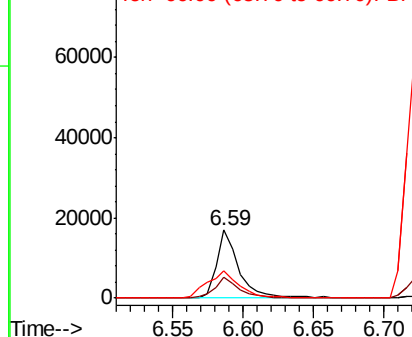
94 100

65 31.4 25.3 65.3

66 40.3 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

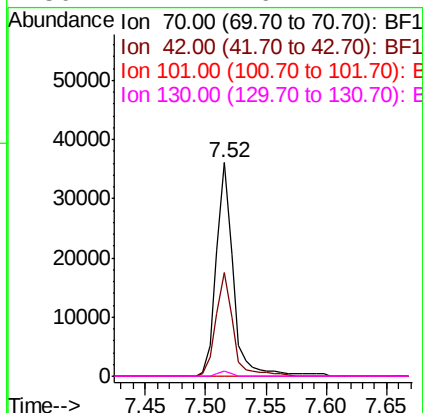
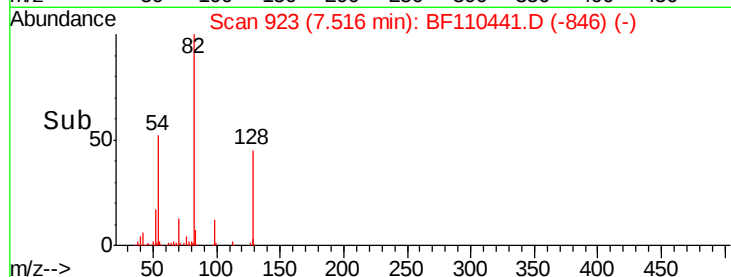
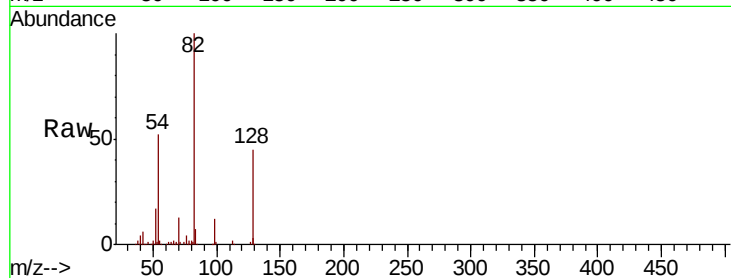




#19
n-Nitroso-di-n-propylamine
Concen: 7.918 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110441.D
Acq: 3 Nov 2018 5:48

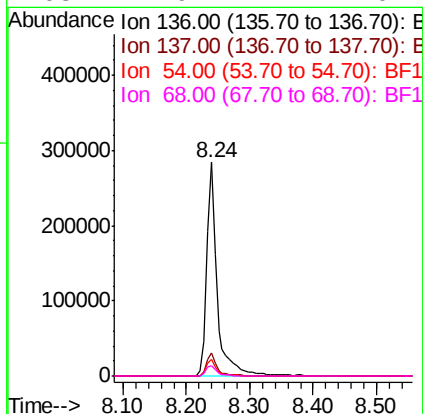
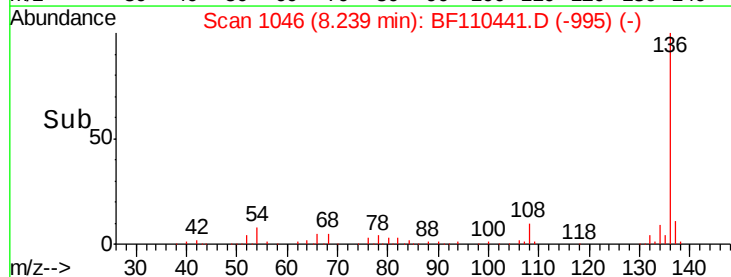
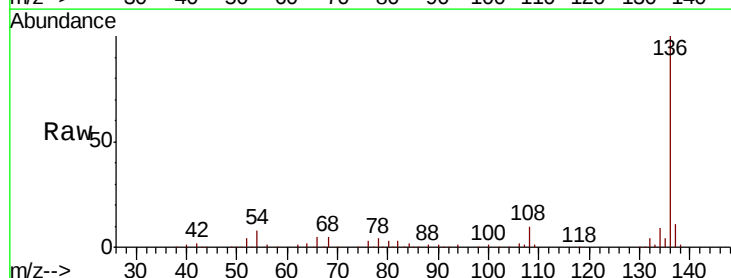
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 34823
Ion Ratio Lower Upper
70 100
42 48.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110441.D
Acq: 3 Nov 2018 5:48

Tgt Ion: 136 Resp: 325047
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 5.4 8.2
68 4.9 4.2 6.2

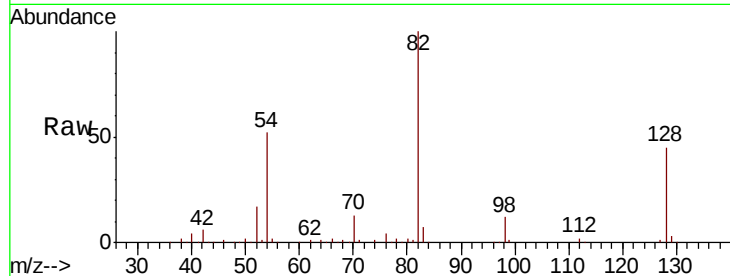




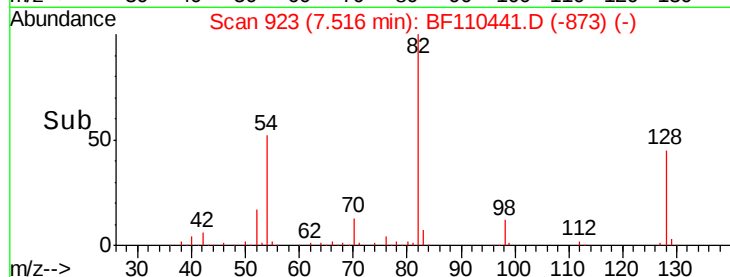
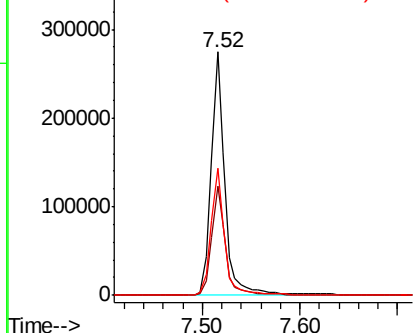
#23
 Nitrobenzene-d5
 Concen: 49.047 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 268786
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.2 51.2
 54 52.0 38.6 58.0

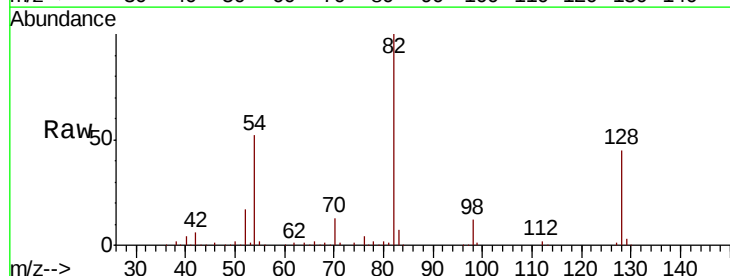


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

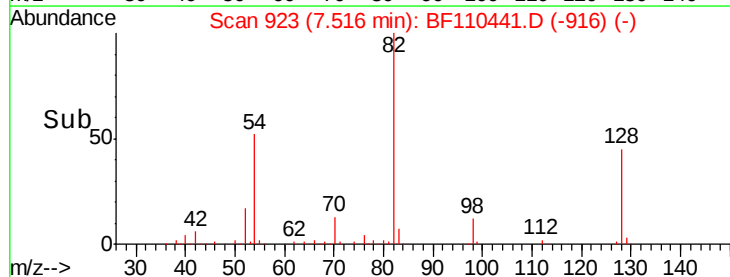
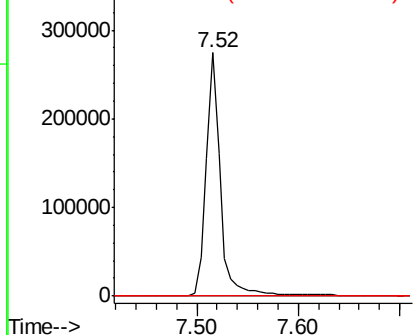


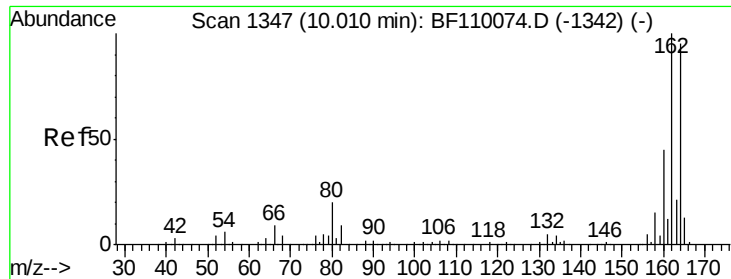
#25
 Isophorone
 Concen: 28.773 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Tgt Ion: 82 Resp: 268784
 Ion Ratio Lower Upper
 82 100
 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: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110441.D

Acq: 3 Nov 2018 5:48

Instrument :

BNA_F

ClientSampleId :

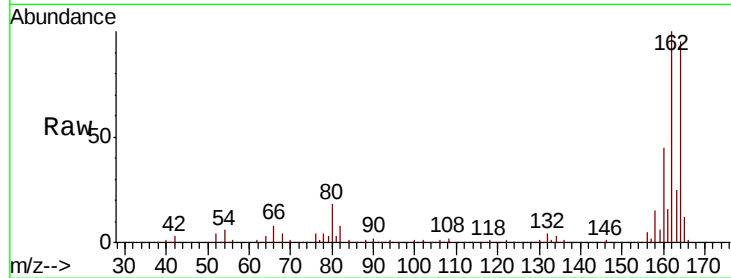
Tot Ion:164 Resp: 130992

Ion Ratio Lower Upper

164 100

162 105.6 83.0 124.6

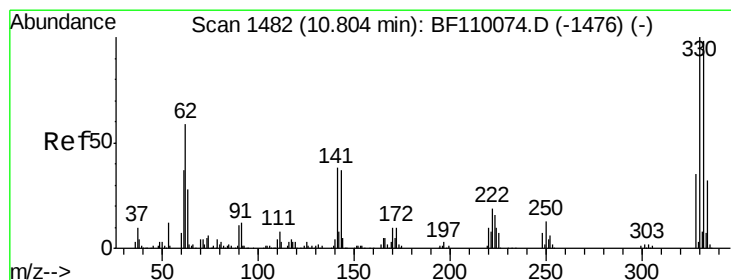
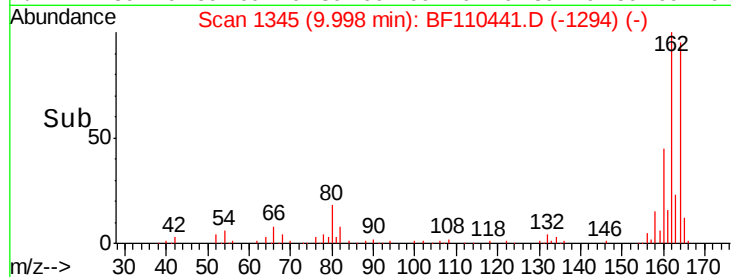
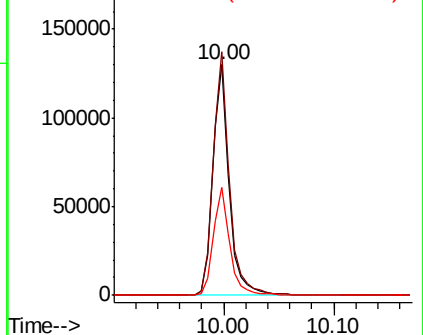
160 47.1 37.0 55.6



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: 34.457 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110441.D

Acq: 3 Nov 2018 5:48

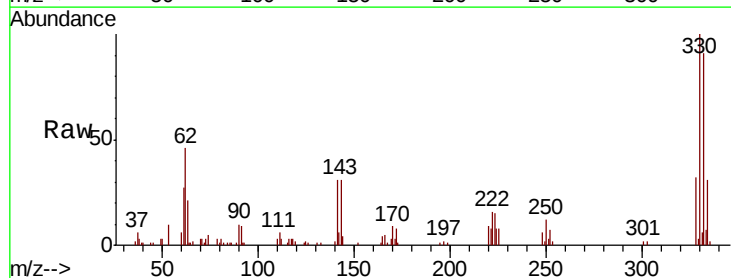
Tgt Ion:330 Resp: 44710

Ion Ratio Lower Upper

330 100

332 92.5 77.1 115.7

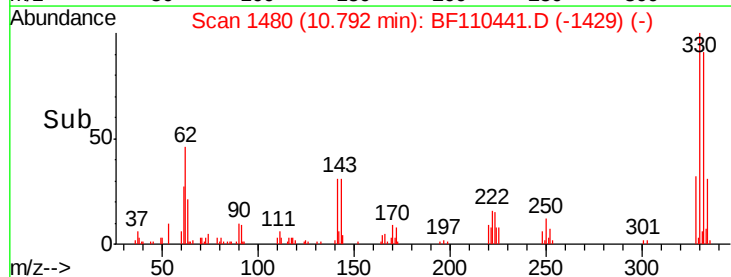
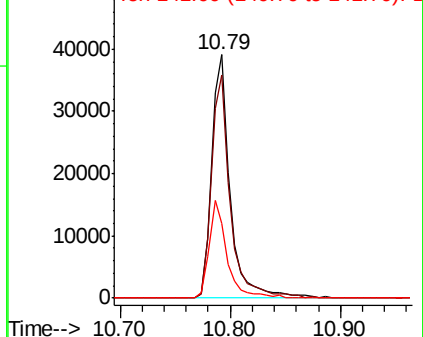
141 38.2 27.0 40.4



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

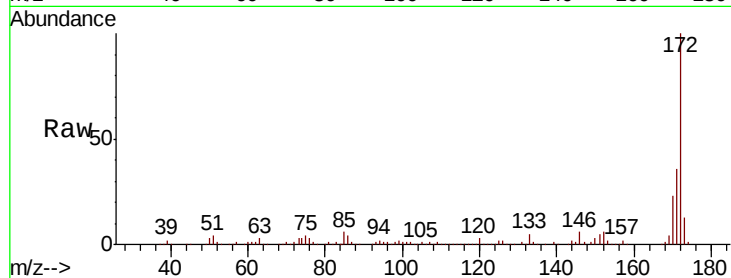




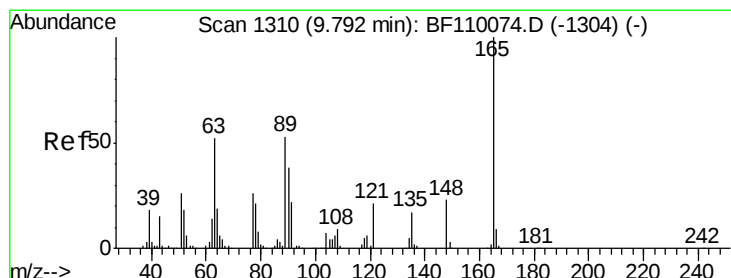
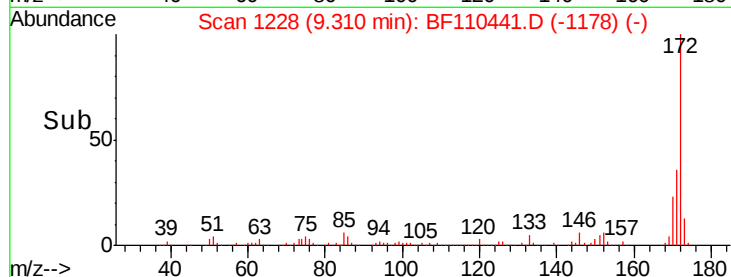
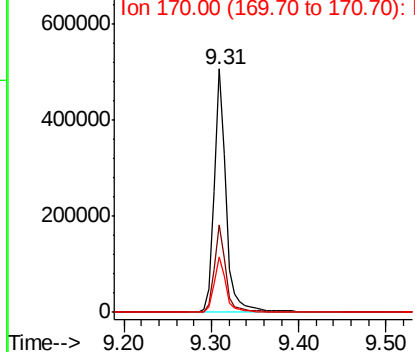
#45
 2-Fluorobiphenyl
 Concen: 57.470 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 479422
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.0 19.7 29.5

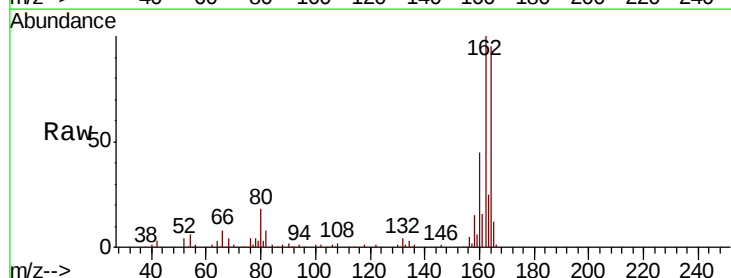


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

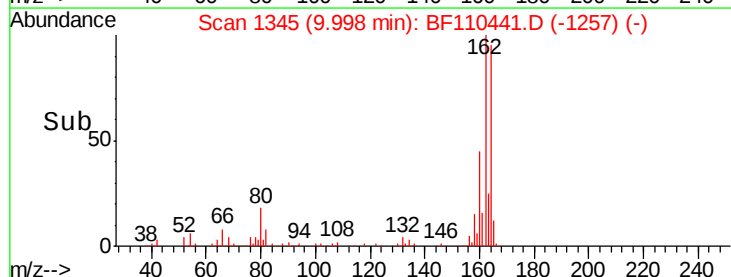
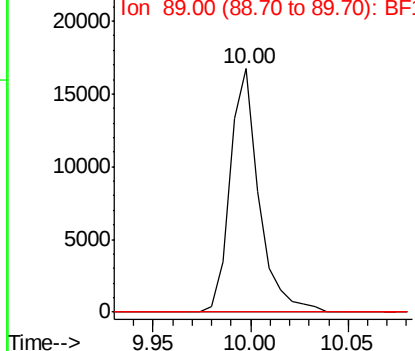


#51
 2,6-Dinitrotoluene
 Concen: 8.208 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Tgt Ion:165 Resp: 17096
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#



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

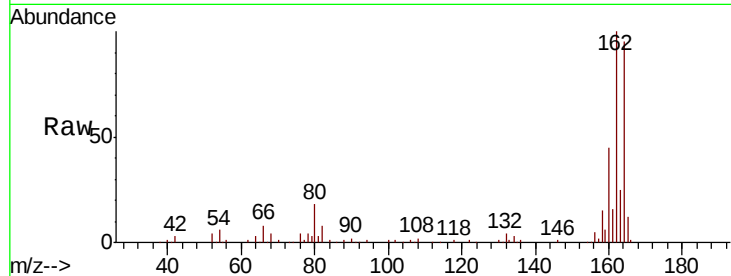




#57
 2,4-Dinitrotoluene
 Concen: 6.462 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Instrument :
 BNA_F
 ClientSampled :

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#



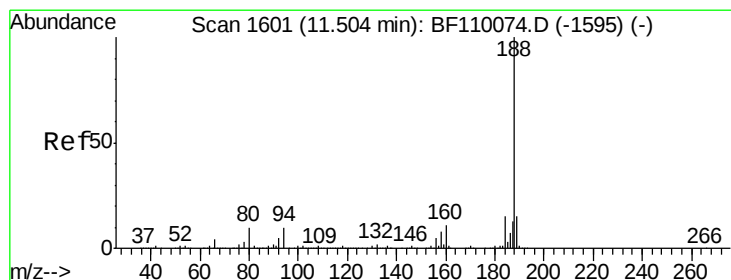
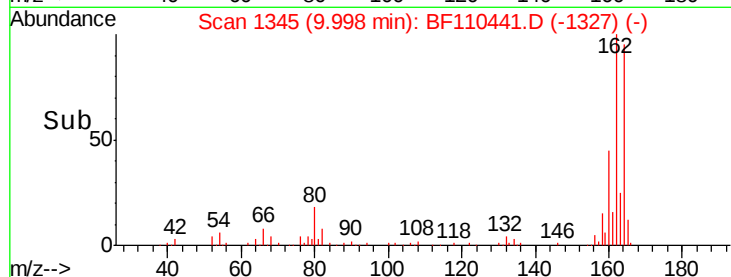
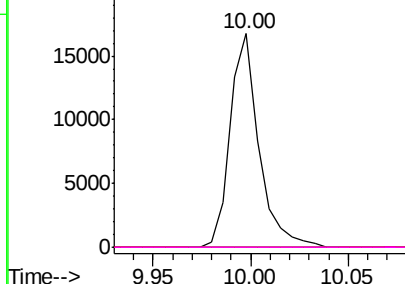
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

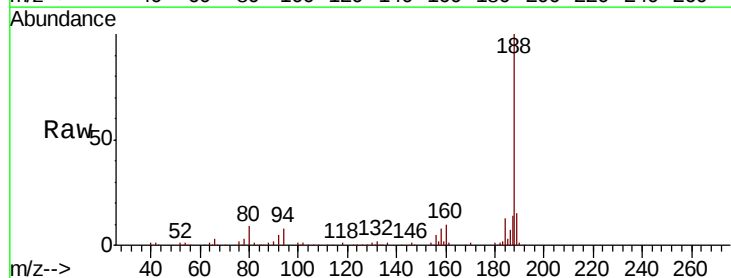
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.7	7.9	11.9

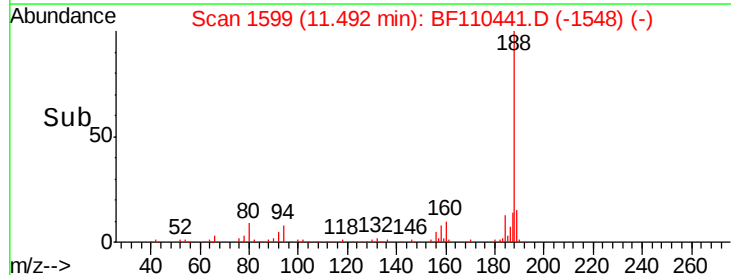
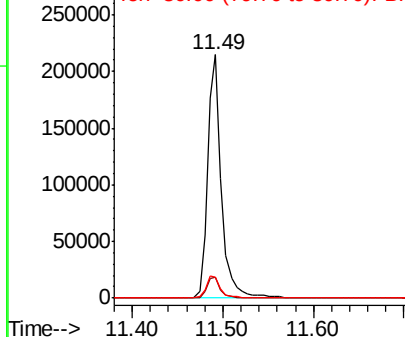


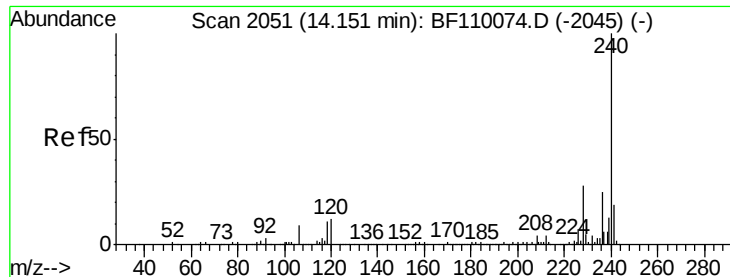
Abundance

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

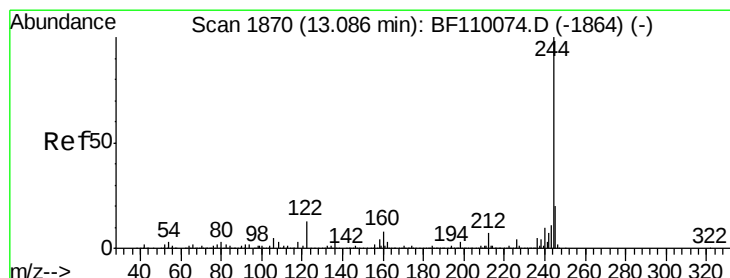
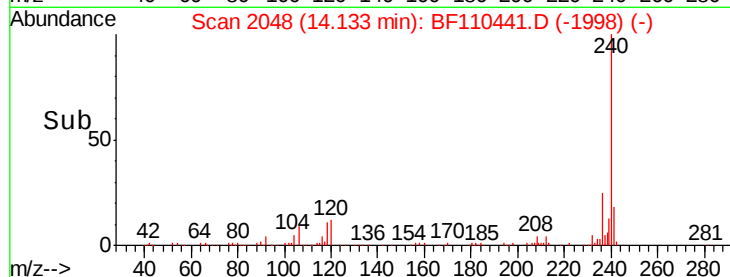
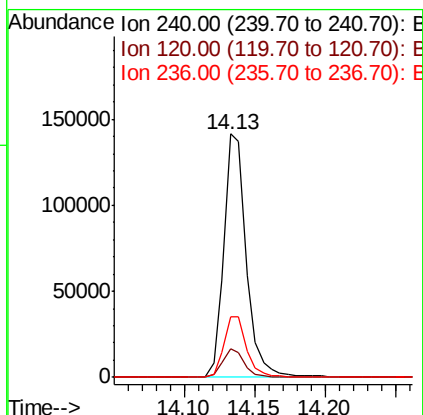
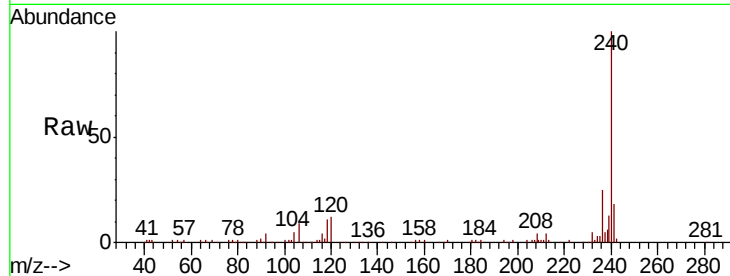




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

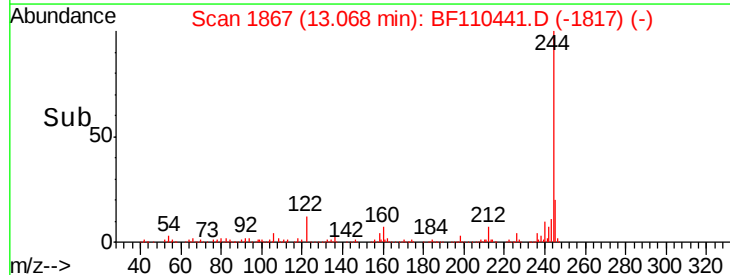
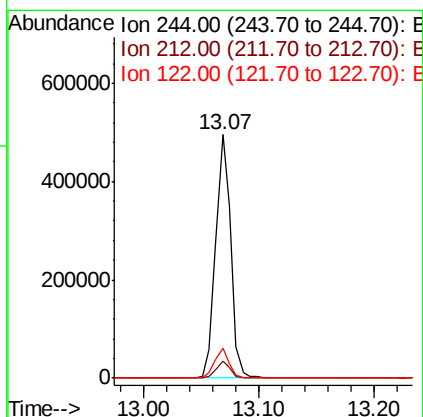
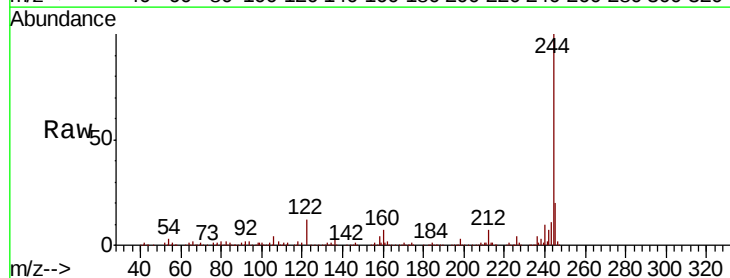
Instrument :
 BNA_F
 ClientSampleId :

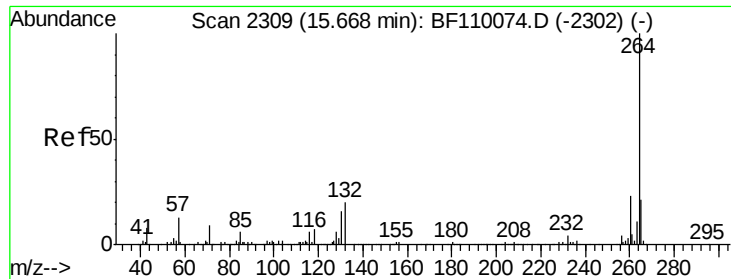
Tot Ion:240 Resp: 156560
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 25.0 21.2 31.8



#79
 Terphenyl-d14
 Concen: 59.336 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110441.D
 Acq: 3 Nov 2018 5:48

Tgt Ion:244 Resp: 446676
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.1 8.7 13.1

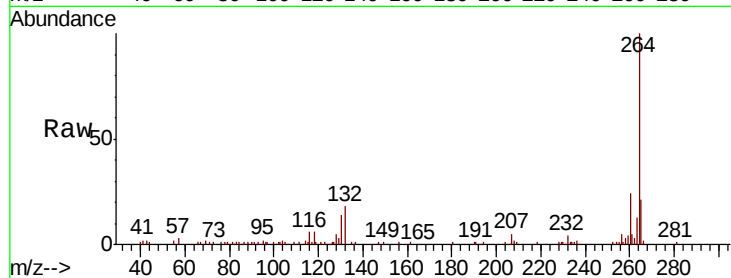




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110441.D
Acq: 3 Nov 2018 5:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	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

