

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110149.D
 Acq On : 25 Oct 2018 7:48
 Operator : JU/SJ
 Sample : J5640-17
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:26:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

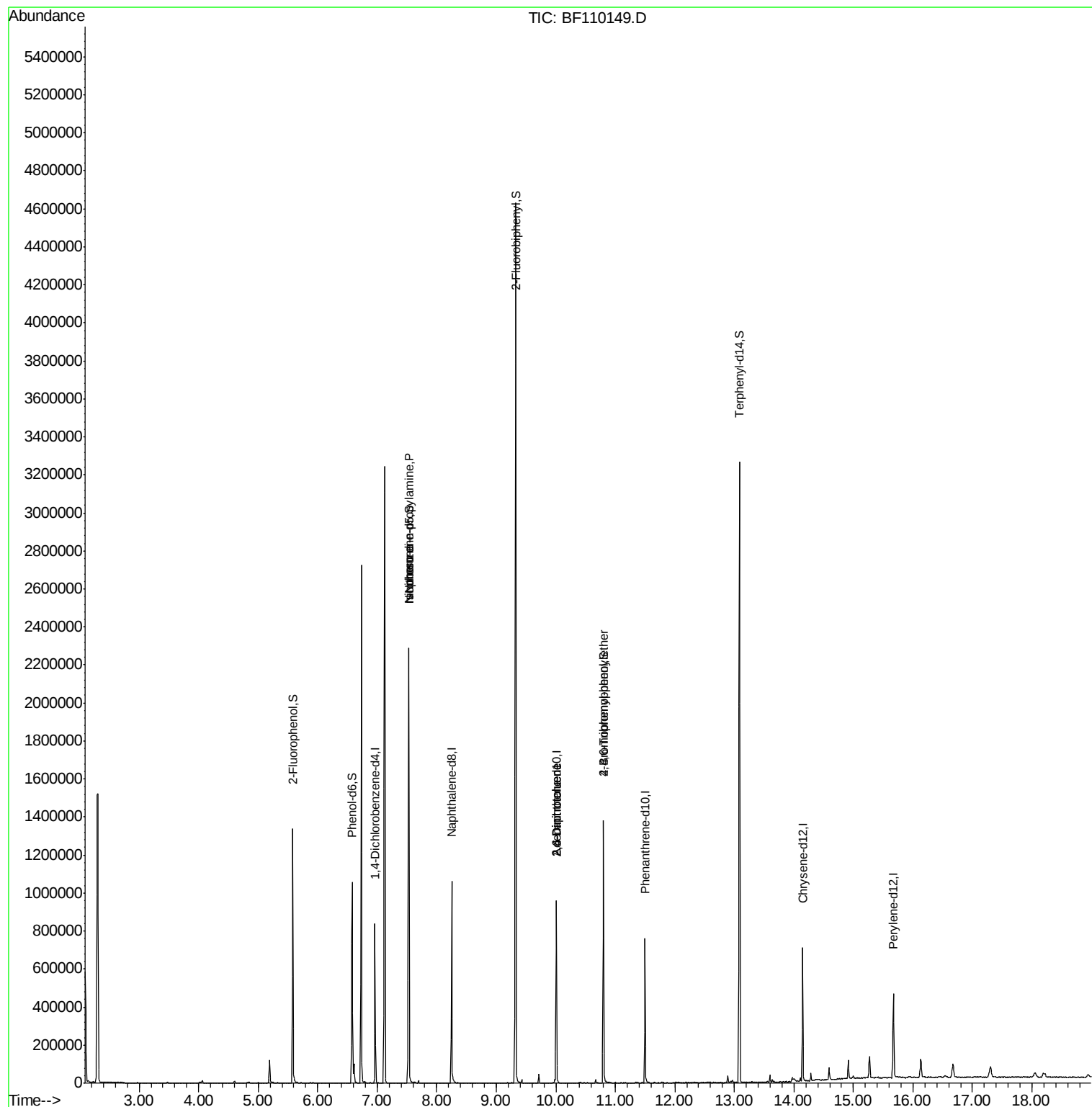
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	125078	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	485011	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	184705	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	285482	20.00	ng	0.00
76) Chrysene-d12	14.14	240	242225	20.00	ng	0.00
87) Perylene-d12	15.67	264	161456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	371895	48.42	ng	0.00
7) Phenol-d6	6.58	99	310479	31.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	826103	101.03	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	147439	80.58	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1425189	121.16	ng	0.00
79) Terphenyl-d14	13.09	244	1037212	89.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	110413	17.518	ng	# 81
25) Isophorone	7.53	82	826091	59.266	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	23706	8.072	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	23706	6.355	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	9607	3.102	ng	# 1

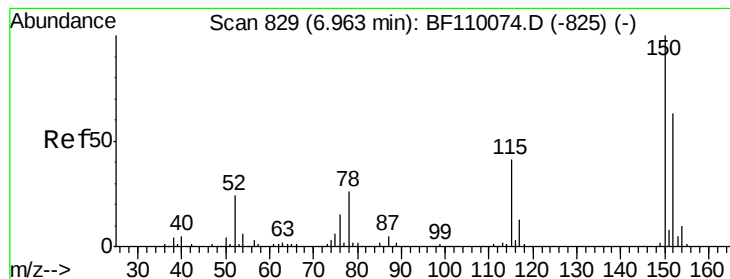
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110149.D
Acq On : 25 Oct 2018 7:48
Operator : JU/SJ
Sample : J5640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 09:26:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 25 02:28:50 2018
Response via : Initial Calibration



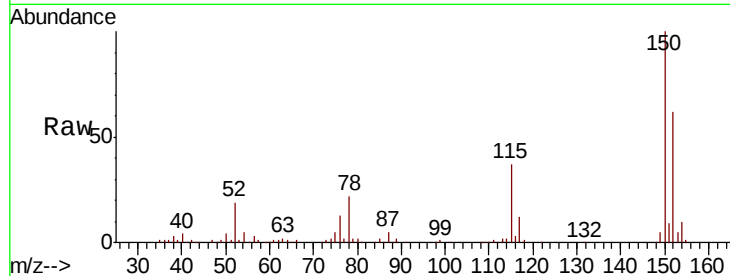


#1

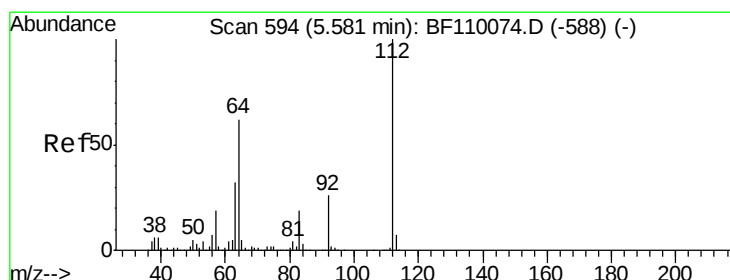
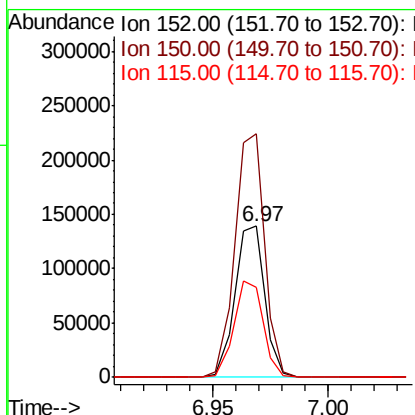
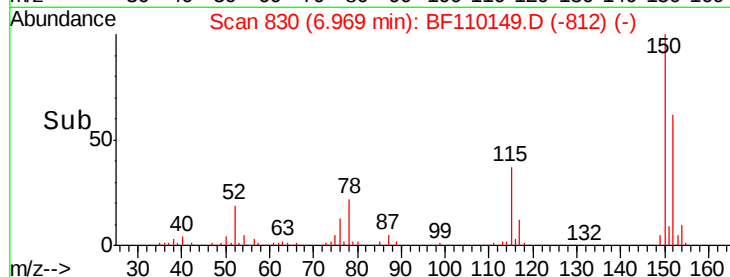
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	122.7	184.1
115	60.0	49.1	73.7



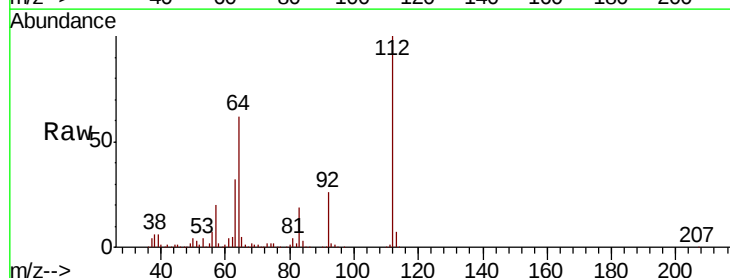
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



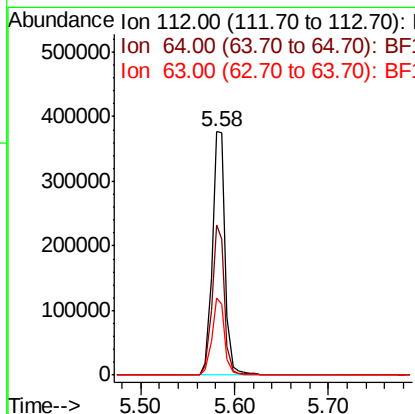
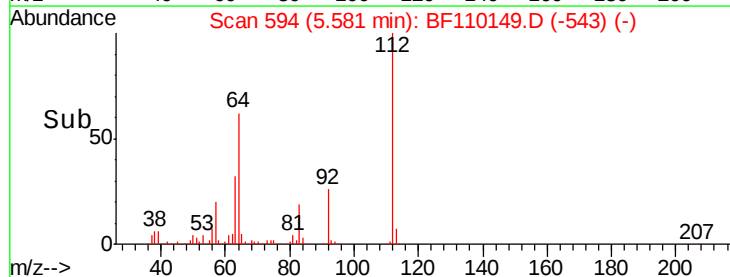
#5

2-Fluorophenol
 Concen: 48.419 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	31.6	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: 31.603 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampled :

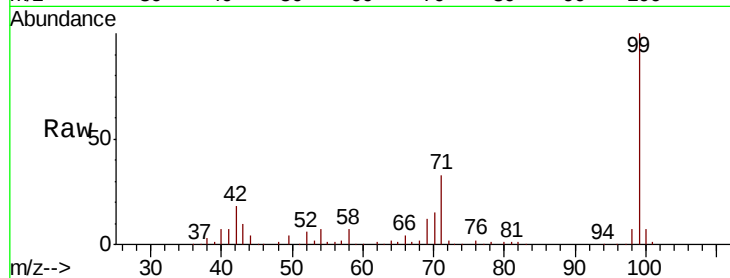
Tot Ion: 99 Resp: 310479

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

71 33.0 28.0 42.0

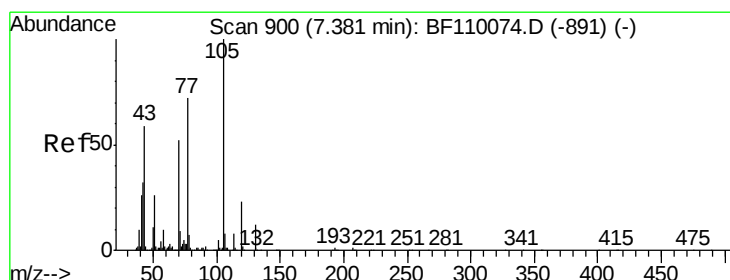
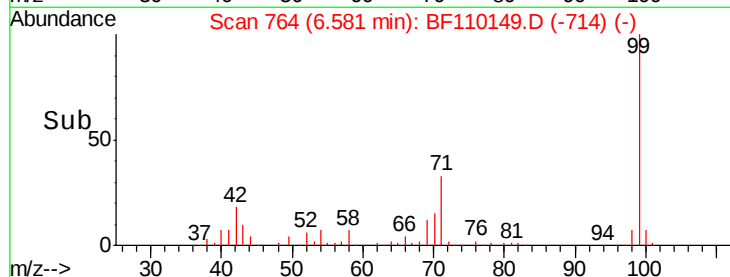
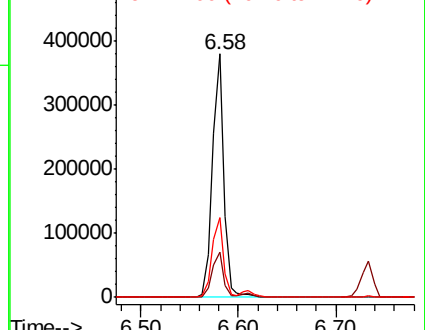


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 17.518 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Tgt Ion: 70 Resp: 110413

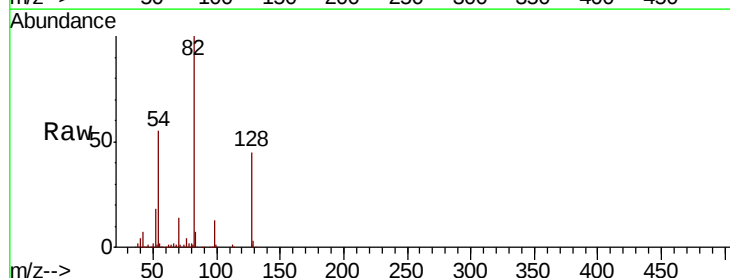
Ion Ratio Lower Upper

70 100

42 50.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#



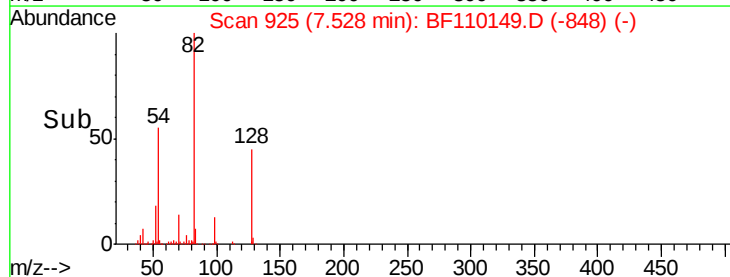
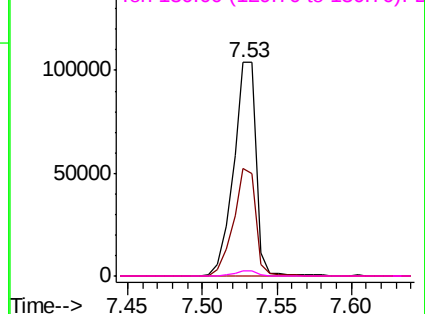
Abundance

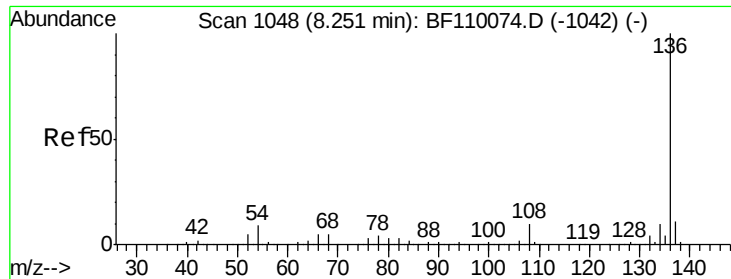
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485011

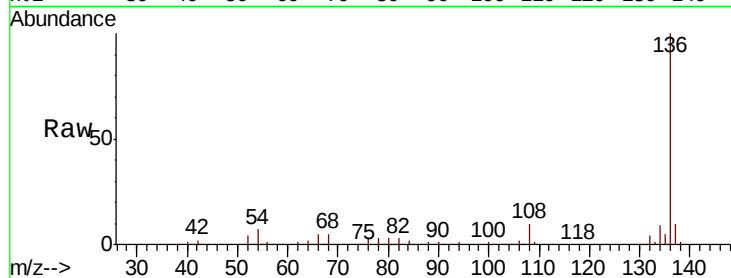
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.4 5.4 8.2

68 5.5 4.2 6.2

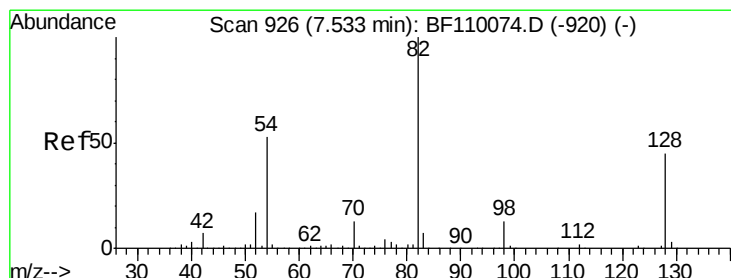
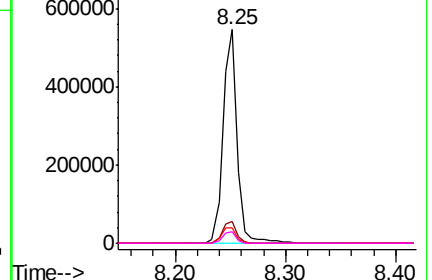
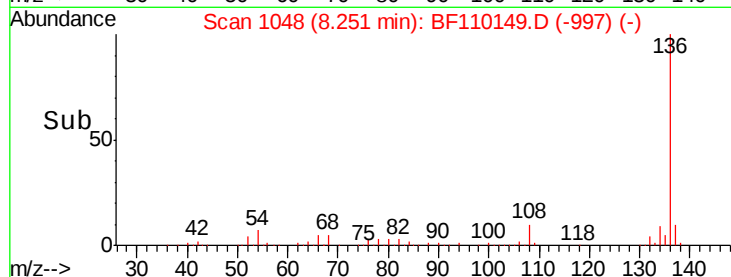


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.026 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

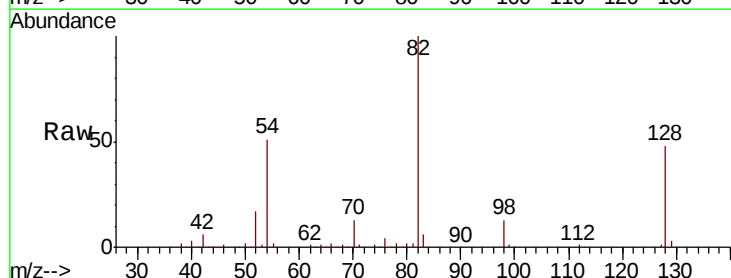
Tgt Ion: 82 Resp: 826103

Ion Ratio Lower Upper

82 100

128 47.6 34.2 51.2

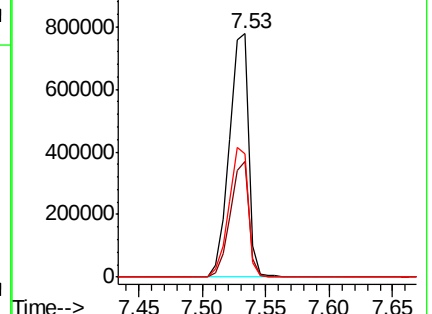
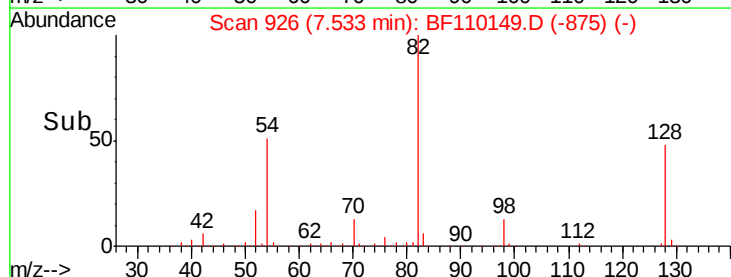
54 50.7 38.6 58.0

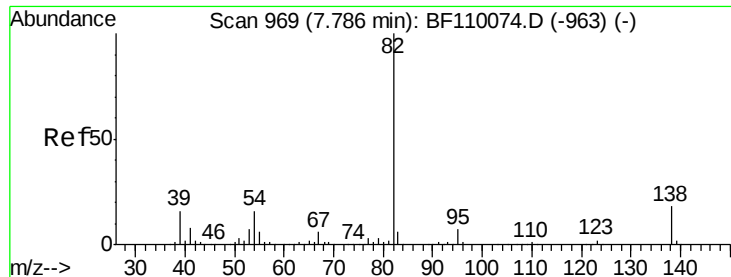


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

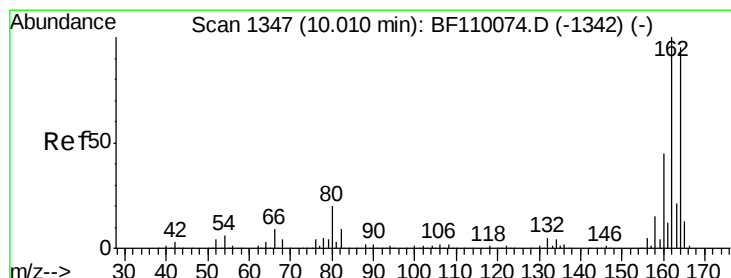
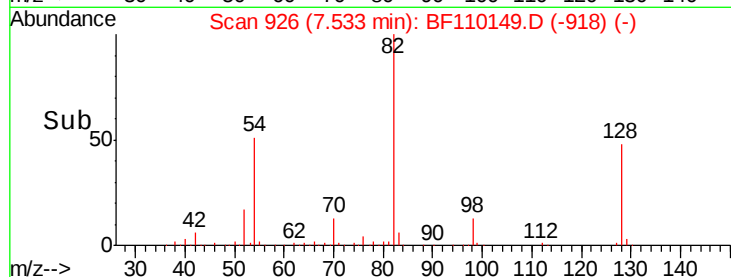
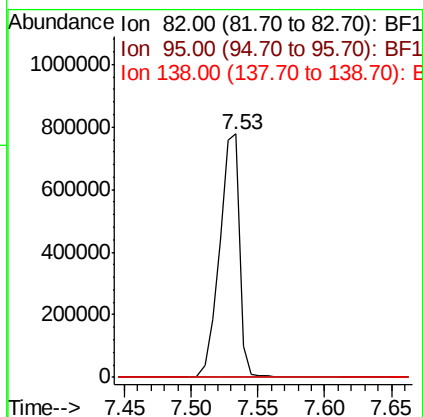
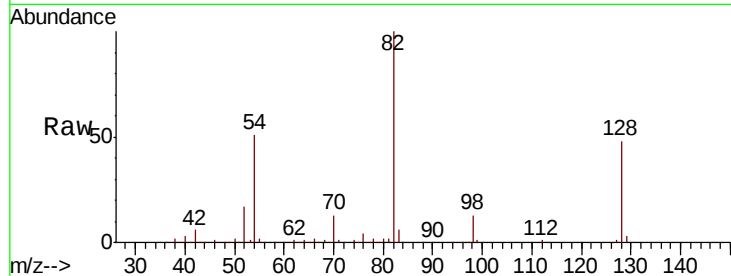




#25
Isophorone
Concen: 59.266 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110149.D
Acq: 25 Oct 2018 7:48

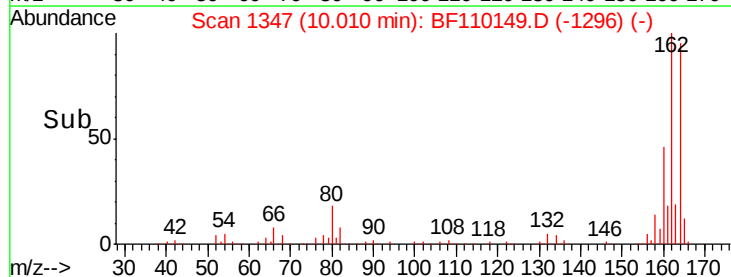
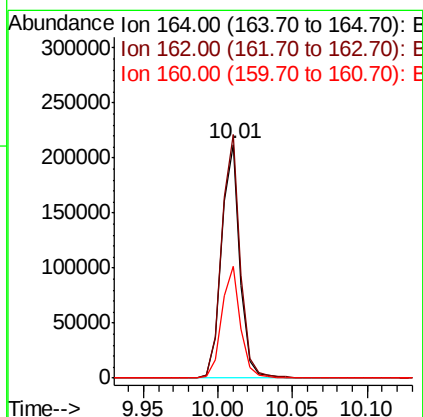
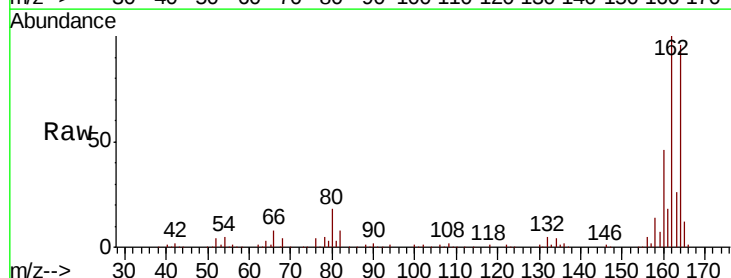
Instrument :
BNA_F
ClientSampled :

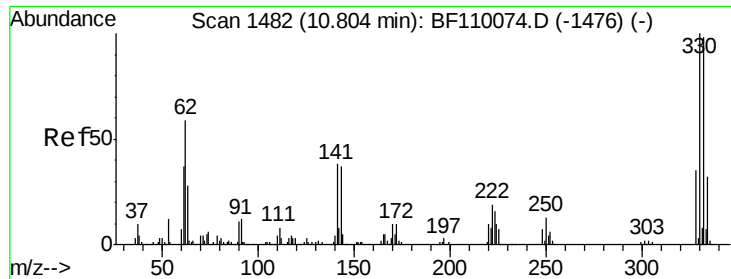
Tot Ion: 82 Resp: 826091
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF110149.D
Acq: 25 Oct 2018 7:48

Tgt Ion: 164 Resp: 184705
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 47.7 37.0 55.6

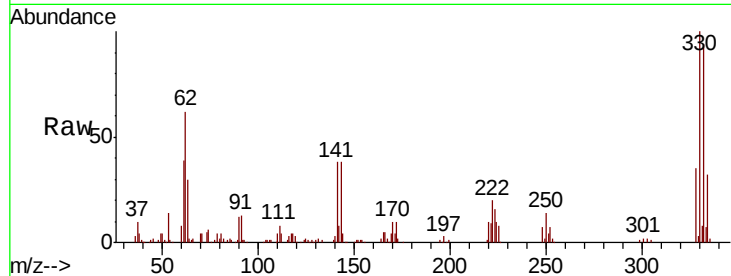




#42
 2,4,6-Tribromophenol
 Concen: 80.584 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	36.3	27.0	40.4

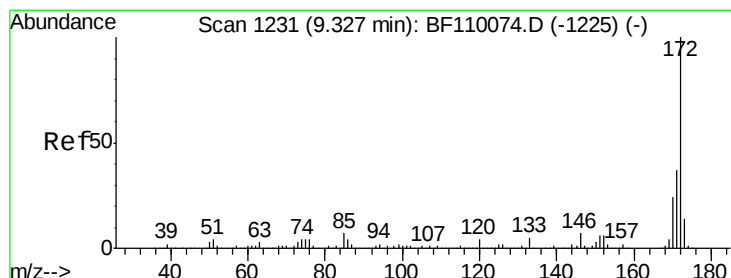
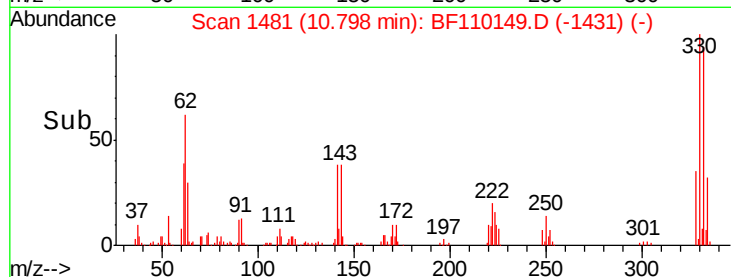
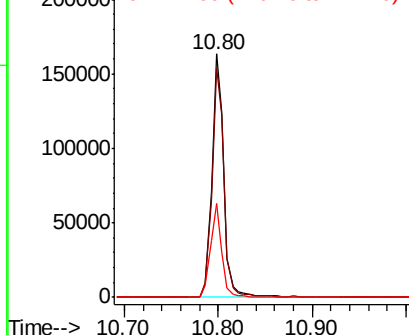


Abundance

Ion 329.80 (329.50 to 330.50): E

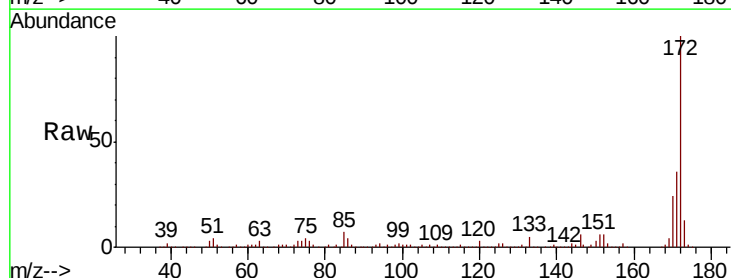
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 121.162 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.7	29.5

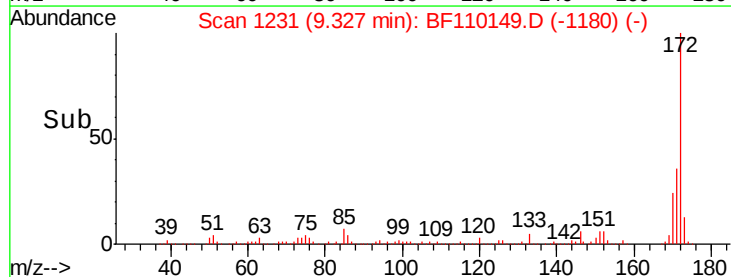
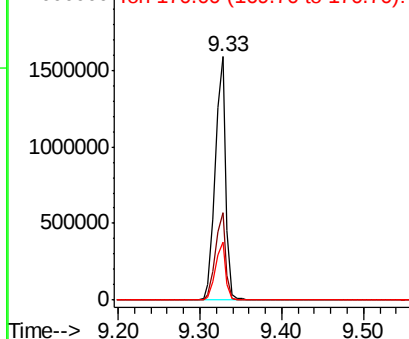


Abundance

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: 8.072 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampleId :

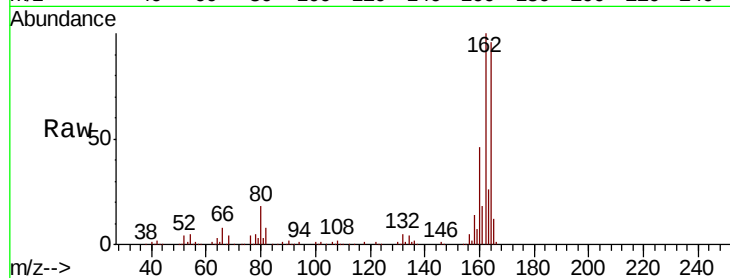
Tot Ion:165 Resp: 23706

Ion Ratio Lower Upper

165 100

63 1.3 48.9 73.3#

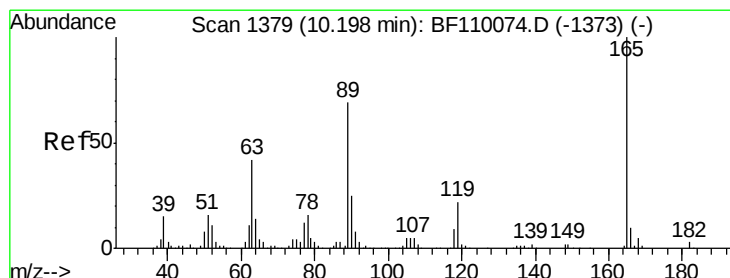
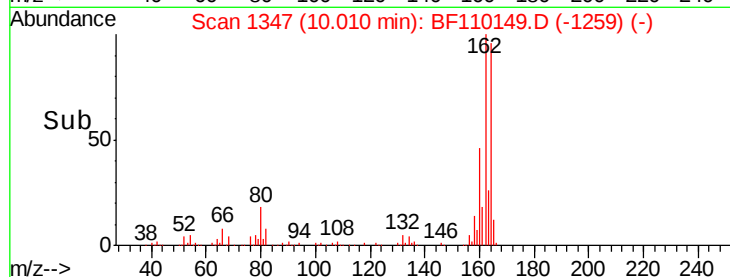
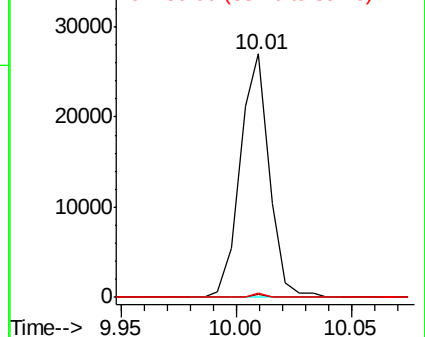
89 1.9 46.6 69.8#



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: 6.355 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Tgt Ion:165 Resp: 23706

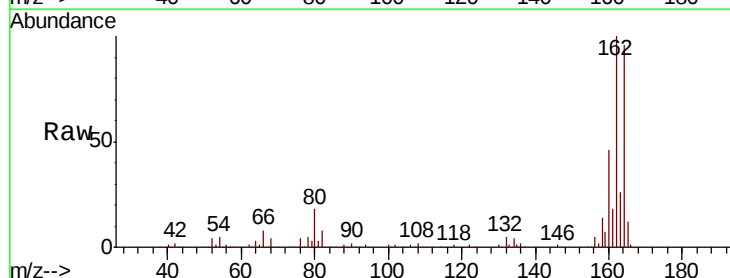
Ion Ratio Lower Upper

165 100

63 1.3 44.8 67.2#

89 1.9 62.2 93.4#

182 0.0 2.1 3.1#

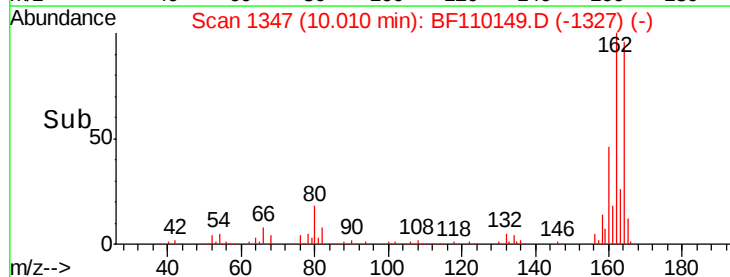
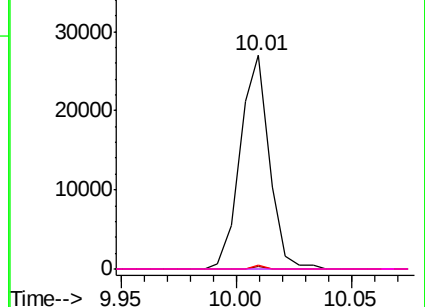


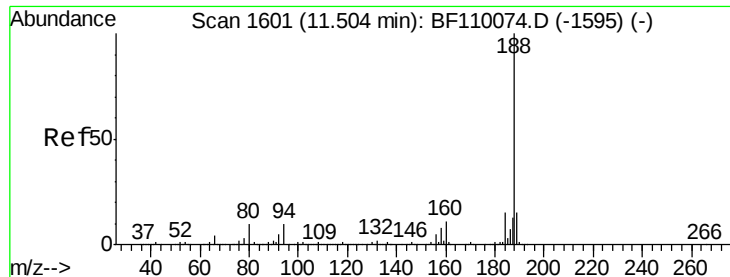
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampleId :

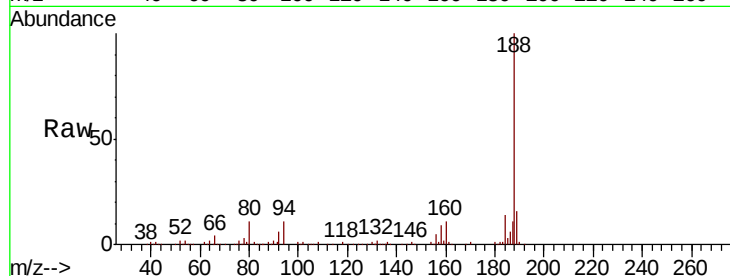
Tot Ion:188 Resp: 285482

Ion Ratio Lower Upper

188 100

94 10.5 7.2 10.8

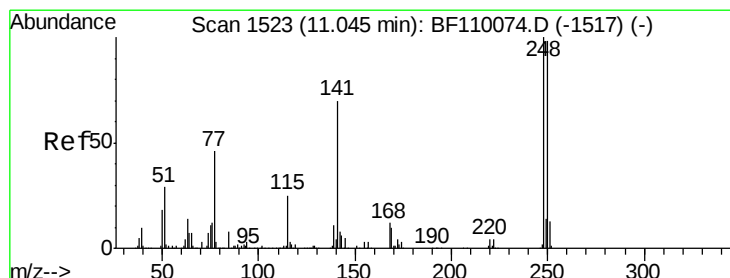
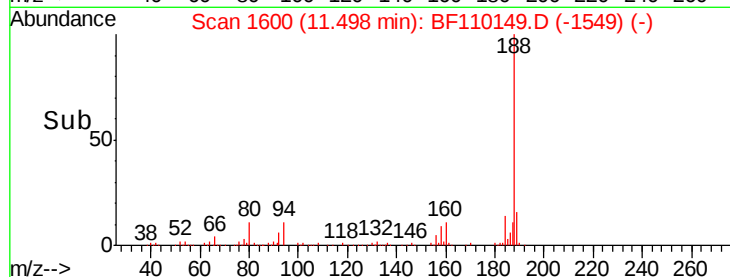
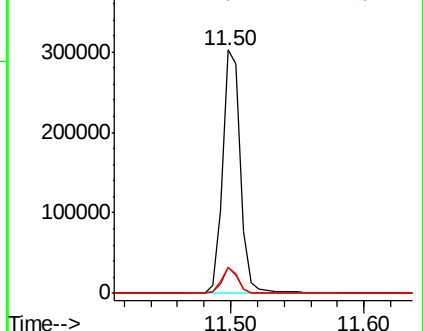
80 10.8 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.102 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.24 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

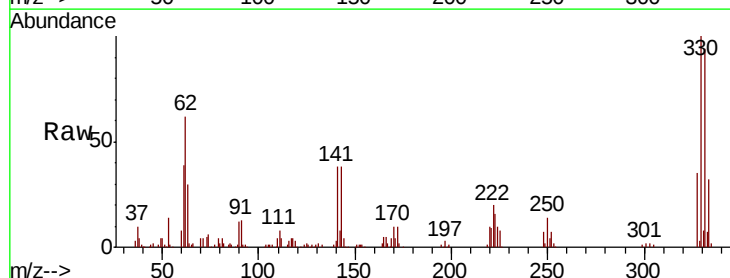
Tgt Ion:248 Resp: 9607

Ion Ratio Lower Upper

248 100

250 187.7 79.4 119.2#

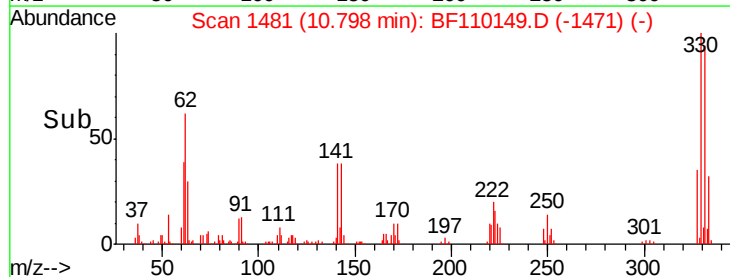
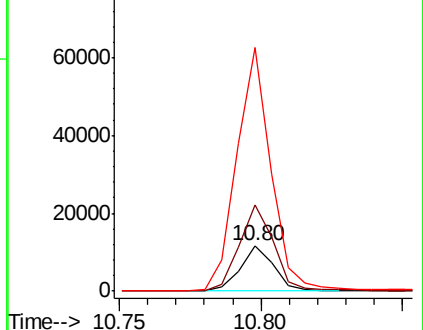
141 531.4 55.9 83.9#

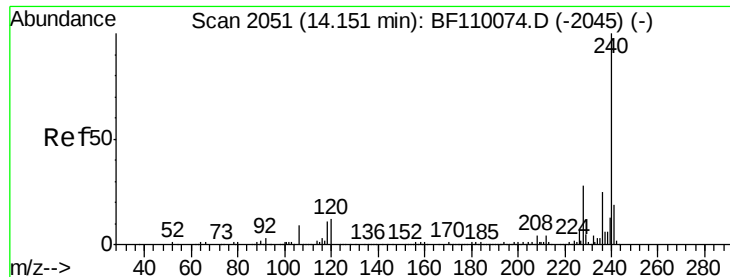


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

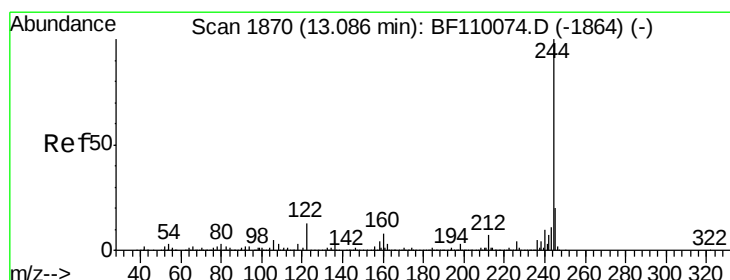
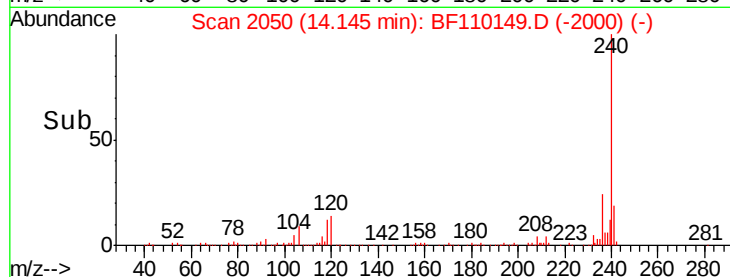
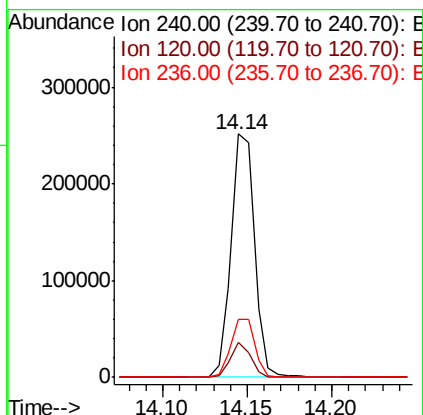
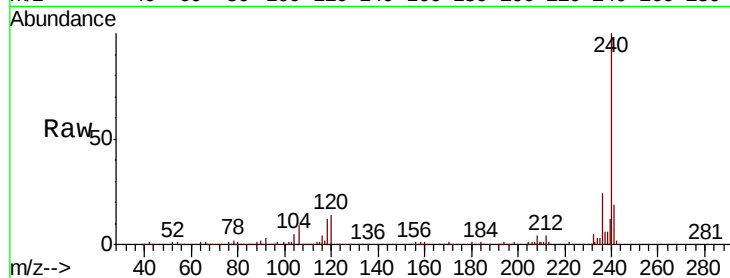




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

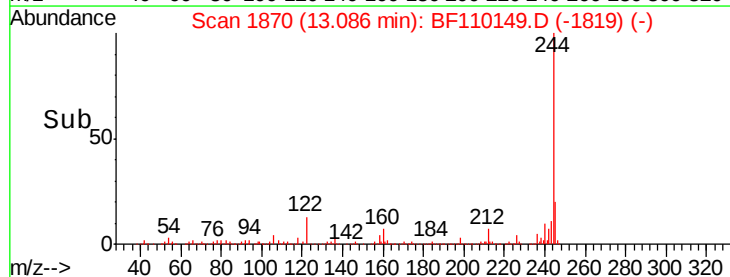
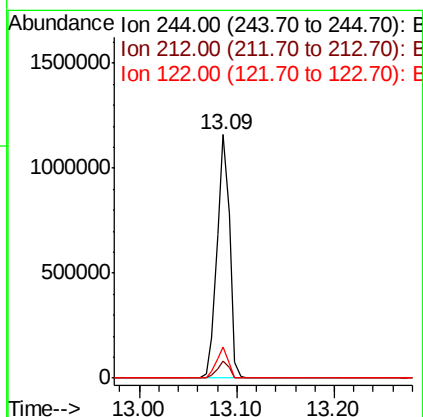
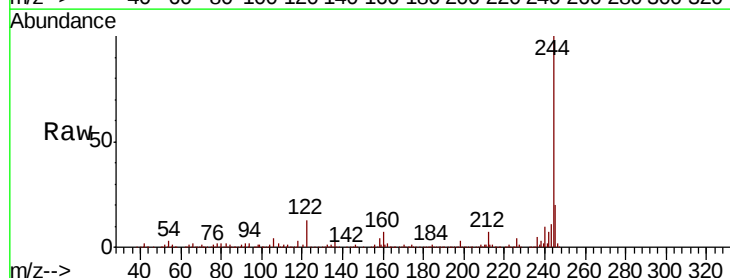
Instrument :
 BNA_F
 ClientSampleId :

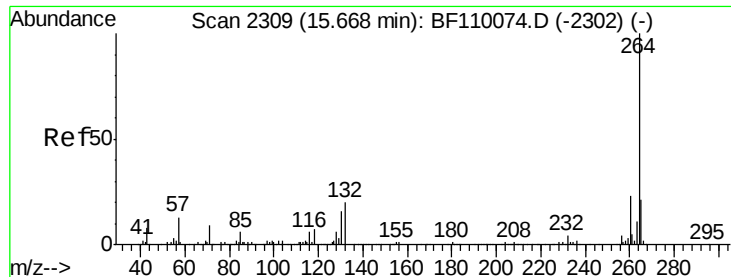
Tot Ion:240 Resp: 242225
 Ion Ratio Lower Upper
 240 100
 120 14.3 8.3 12.5#
 236 24.1 21.2 31.8



#79
 Terphenyl-d14
 Concen: 89.054 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Tgt Ion:244 Resp: 1037212
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.7 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	20.0	16.7	25.1

