

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110550.D
 Acq On : 7 Nov 2018 8:27
 Operator : JU/SJ
 Sample : J5808-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 13:52:58 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

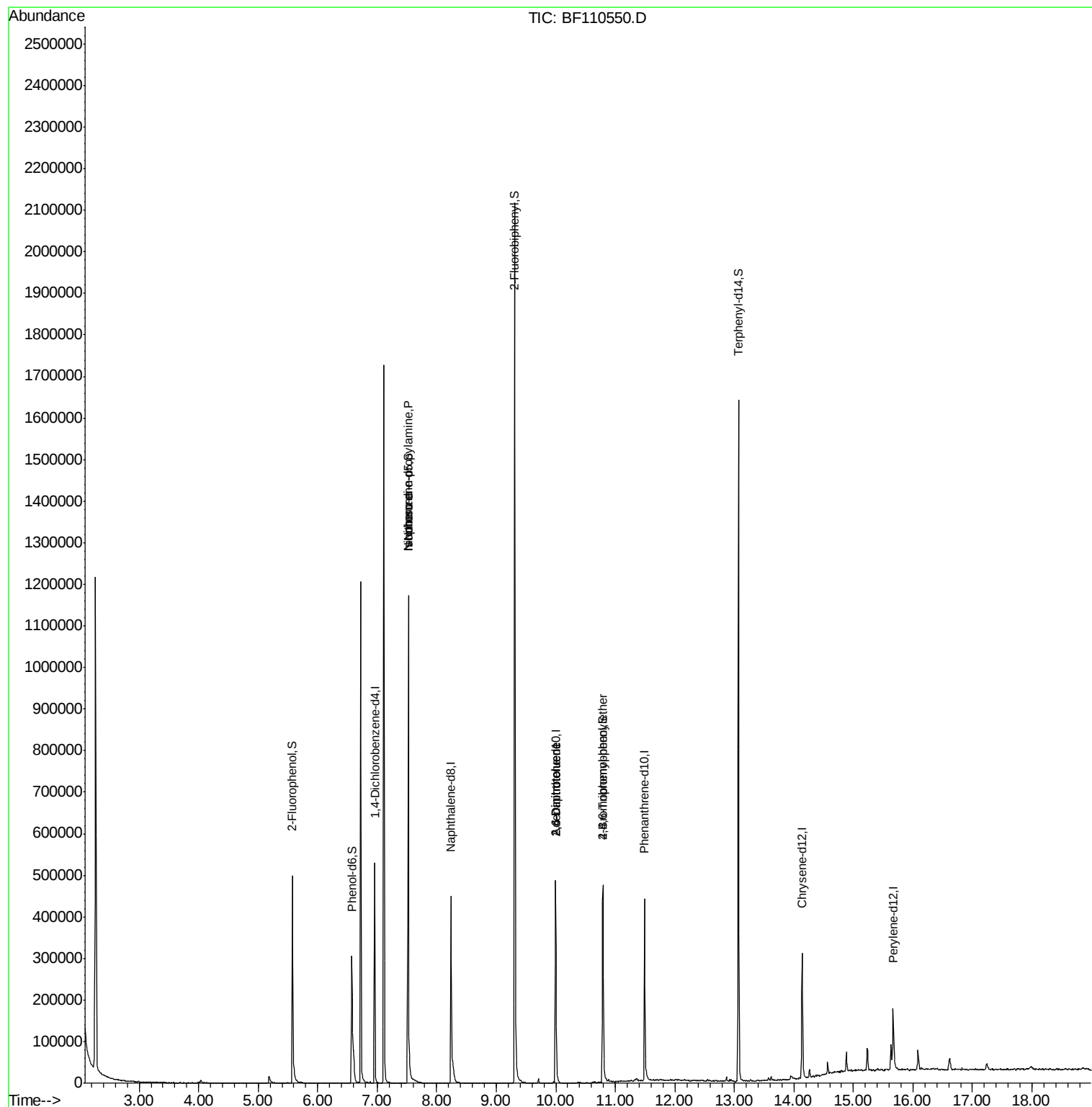
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	80058	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	291507	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	112700	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	192558	20.00	ng	0.00
76) Chrysene-d12	14.14	240	125582	20.00	ng	0.00
87) Perylene-d12	15.67	264	91420	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	160222	32.59	ng	0.00
7) Phenol-d6	6.57	99	125233	19.92	ng	0.00
23) Nitrobenzene-d5	7.52	82	409061	83.23	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	71215	63.79	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	723622	100.82	ng	0.00
79) Terphenyl-d14	13.07	244	597451	98.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	53668	13.303	ng	# 78
25) Isophorone	7.52	82	409059	48.827	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	13802	7.702	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	13802	6.064	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	4480	2.145	ng	# 1

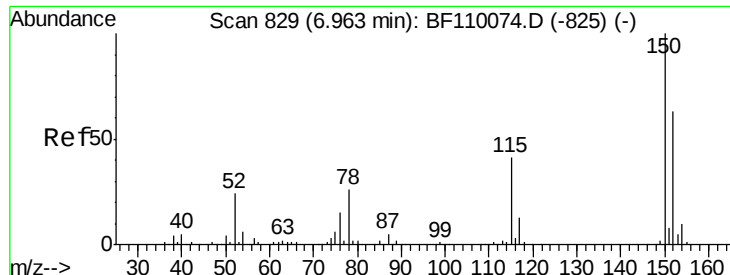
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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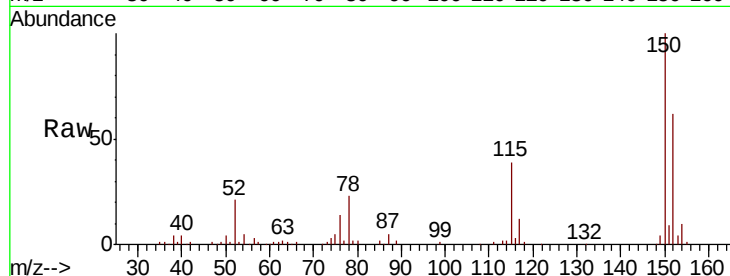


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110550.D
Acq: 7 Nov 2018 8:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.7	184.1
115	62.4	49.1	73.7

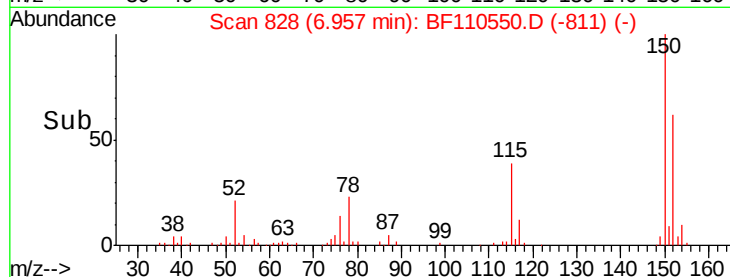
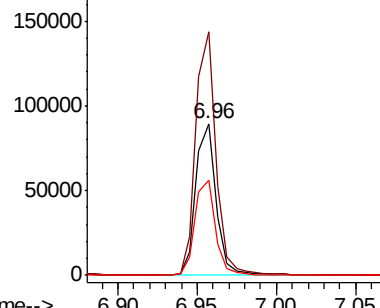


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

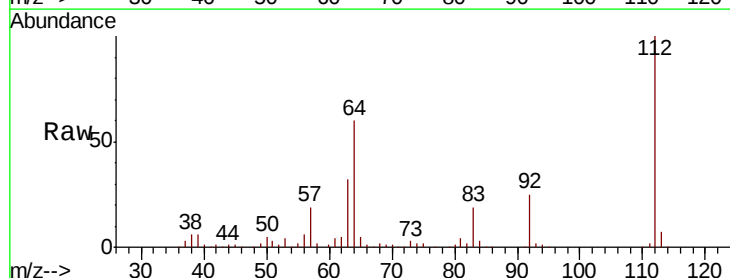
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 32.591 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110550.D
Acq: 7 Nov 2018 8:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	44.1	66.1
63	31.6	23.7	35.5

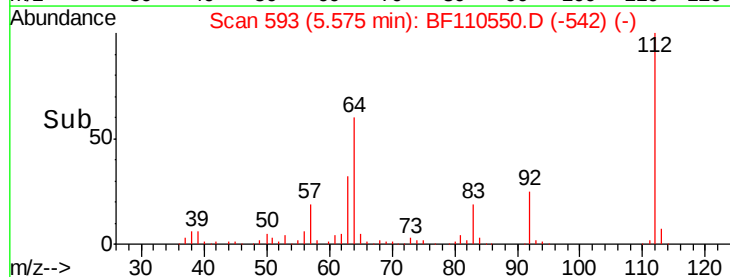
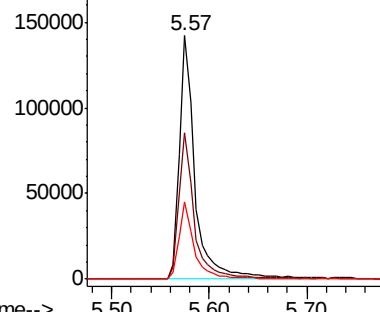


Abundance

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: 19.916 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110550.D

Acq: 7 Nov 2018 8:27

Instrument :

BNA_F

ClientSampled :

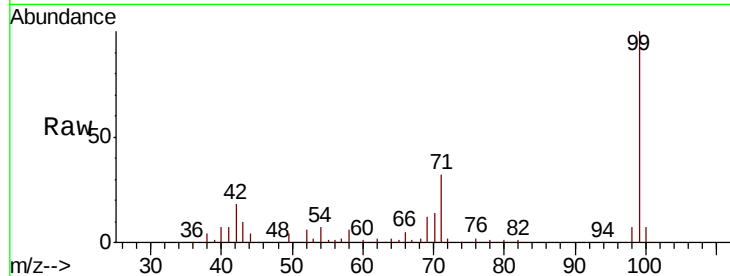
Tot Ion: 99 Resp: 125233

Ion Ratio Lower Upper

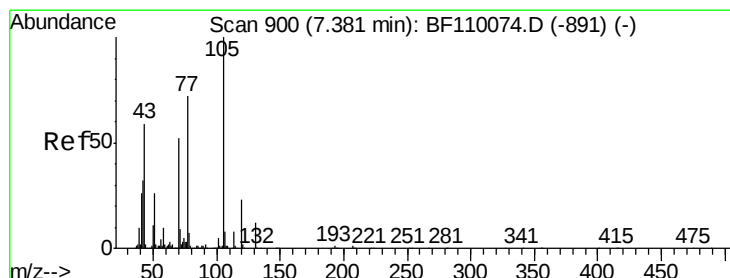
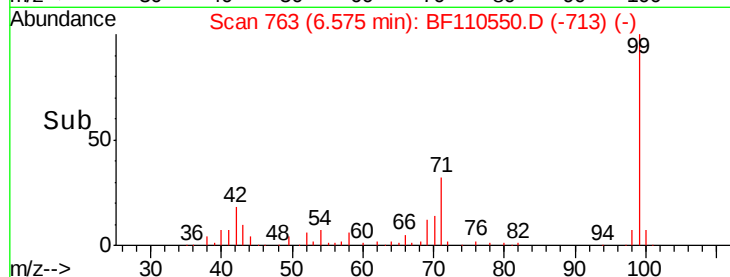
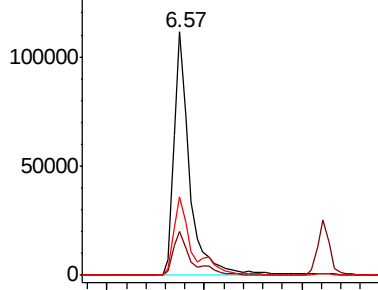
99 100

42 18.2 15.8 23.6

71 32.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
150000 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: 13.303 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110550.D

Acq: 7 Nov 2018 8:27

Tgt Ion: 70 Resp: 53668

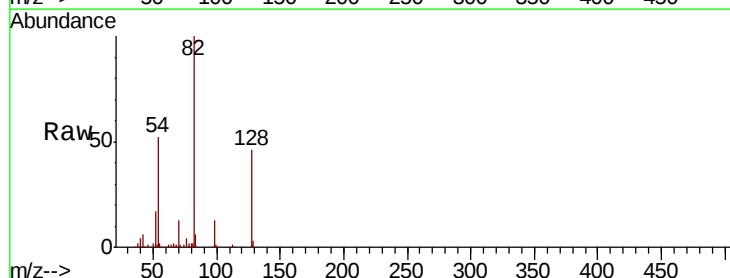
Ion Ratio Lower Upper

70 100

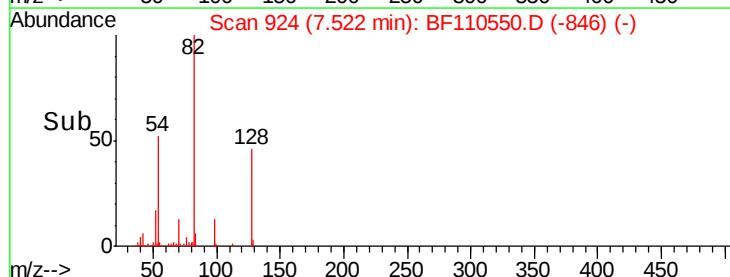
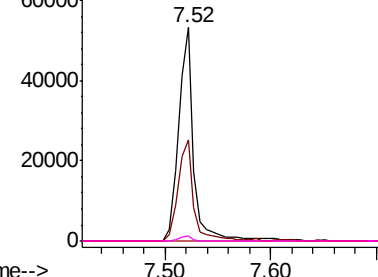
42 47.3 47.4 71.2#

101 0.0 7.3 10.9#

130 2.6 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
80000 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

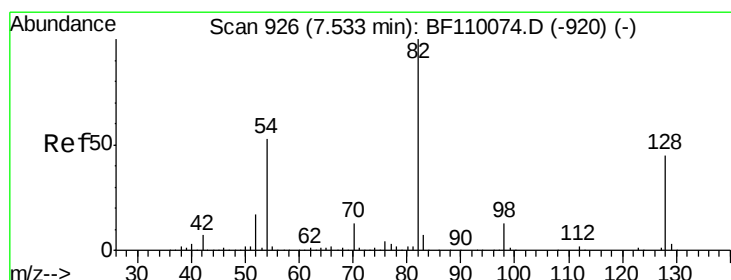
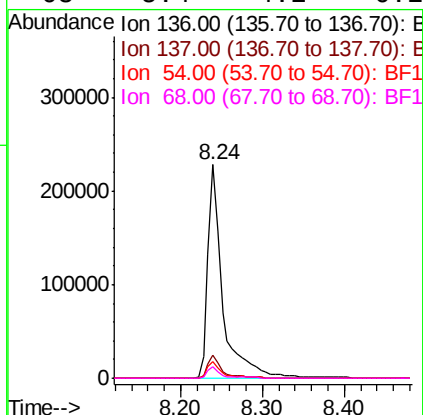
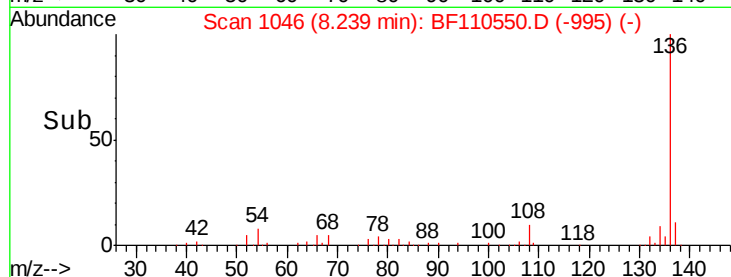
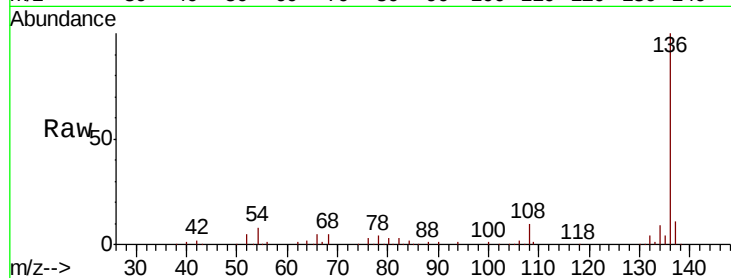




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110550.D
Acq: 7 Nov 2018 8:27

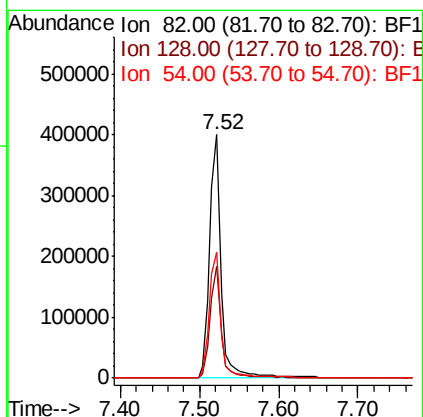
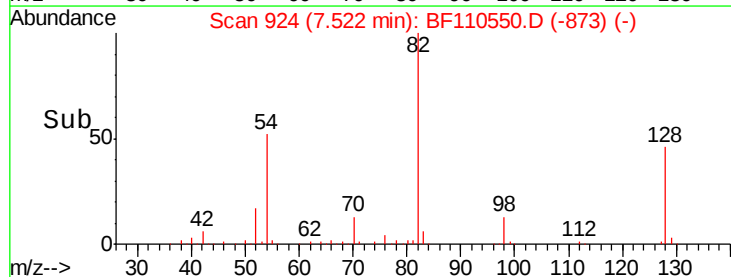
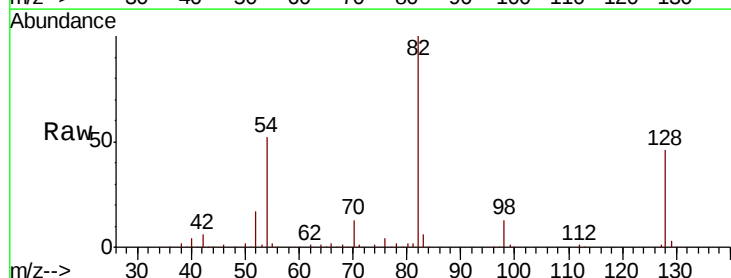
Instrument :
BNA_F
ClientSampleId :

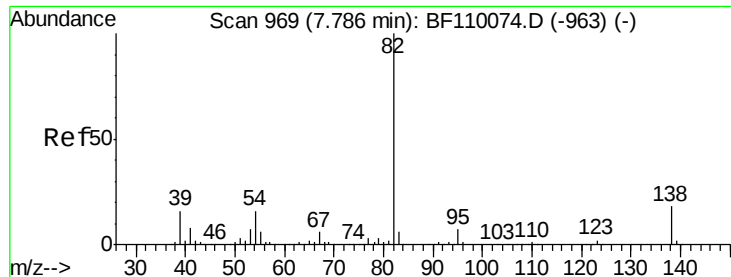
Tot Ion:136	Resp:	291507
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	8.0	5.4 8.2
68	5.4	4.2 6.2



#23
Nitrobenzene-d5
Concen: 83.232 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110550.D
Acq: 7 Nov 2018 8:27

Tgt Ion: 82	Resp:	409061
Ion Ratio	Lower	Upper
82	100	
128	45.9	34.2 51.2
54	51.8	38.6 58.0

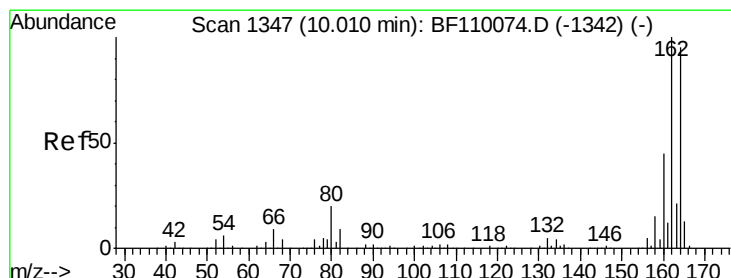
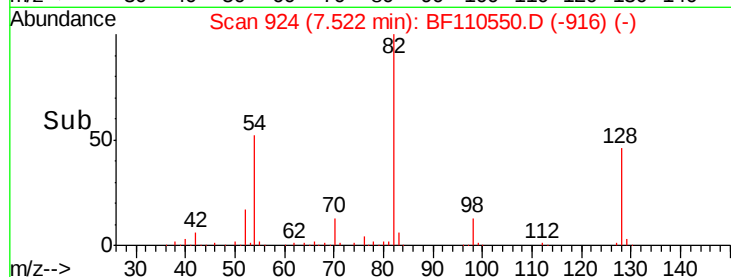
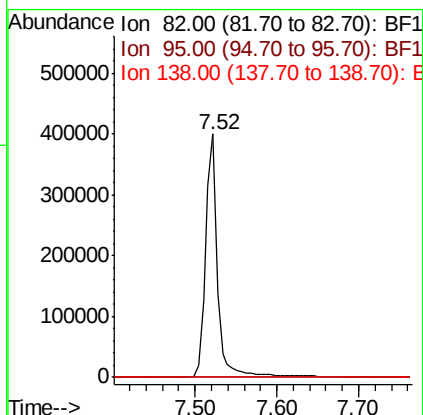
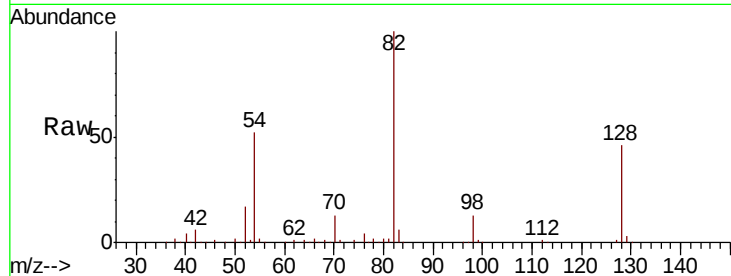




#25
Isophorone
Concen: 48.827 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110550.D
Acq: 7 Nov 2018 8:27

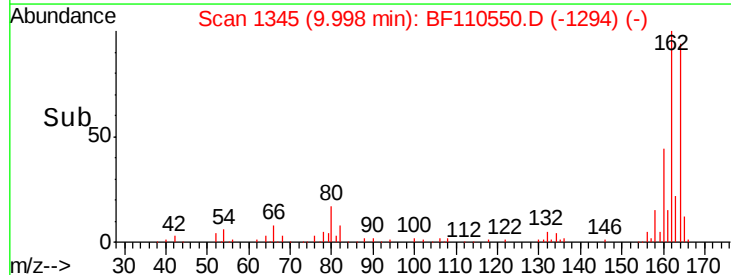
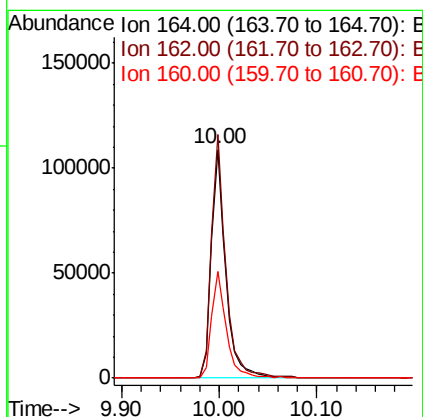
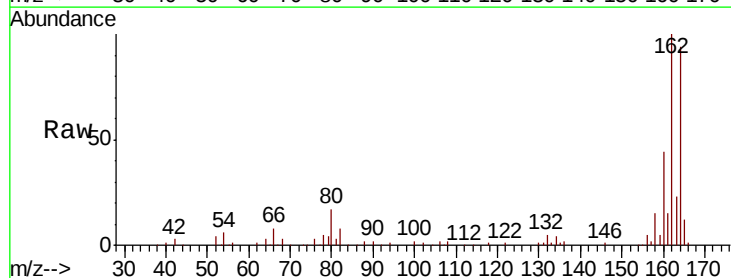
Instrument :
BNA_F
ClientSampleId :

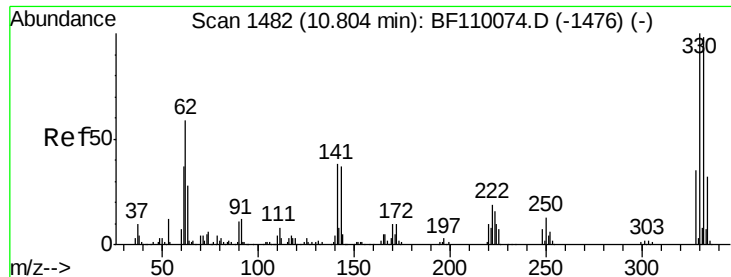
Tot Ion: 82 Resp: 409059
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110550.D
Acq: 7 Nov 2018 8:27

Tgt Ion:164 Resp: 112700
Ion Ratio Lower Upper
164 100
162 106.4 83.0 124.6
160 46.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 63.792 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110550.D

Acq: 7 Nov 2018 8:27

Instrument :

BNA_F

ClientSampleId :

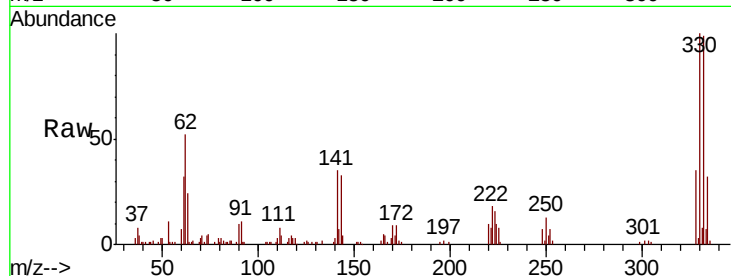
Tot Ion:330 Resp: 71215

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

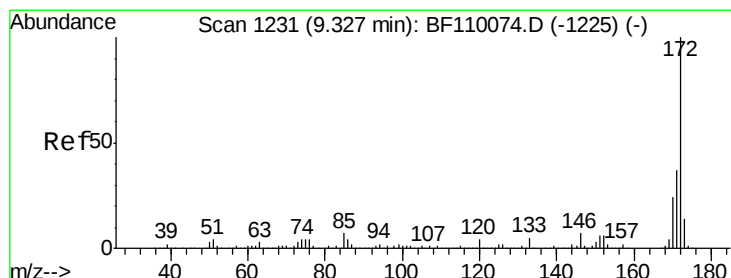
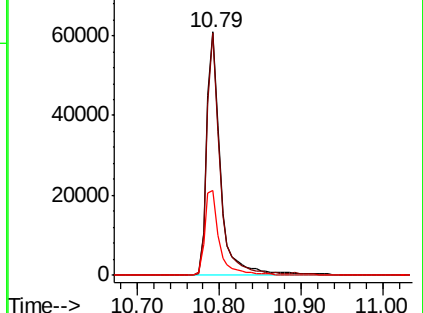
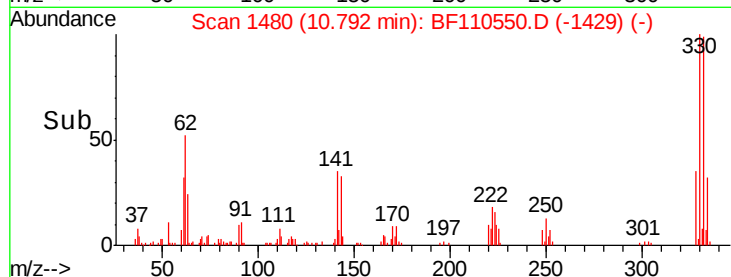
141 36.9 27.0 40.4



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: 100.823 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110550.D

Acq: 7 Nov 2018 8:27

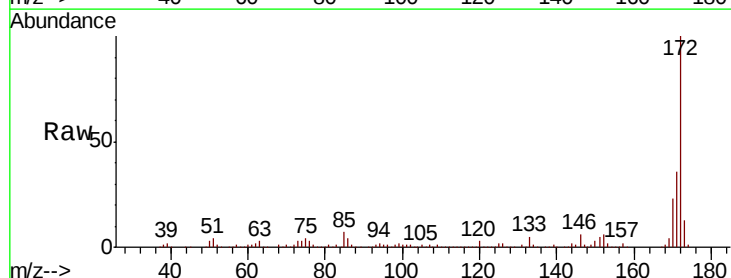
Tgt Ion:172 Resp: 723622

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

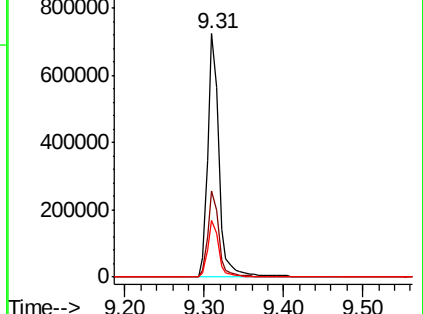
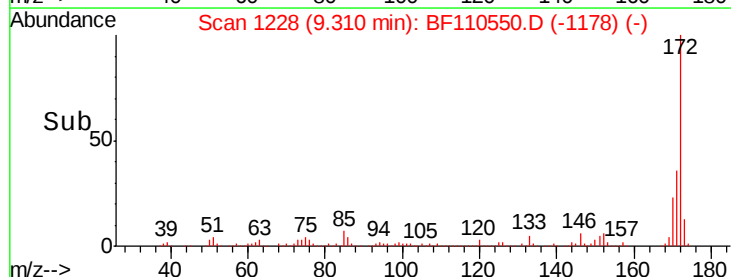
170 23.3 19.7 29.5



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

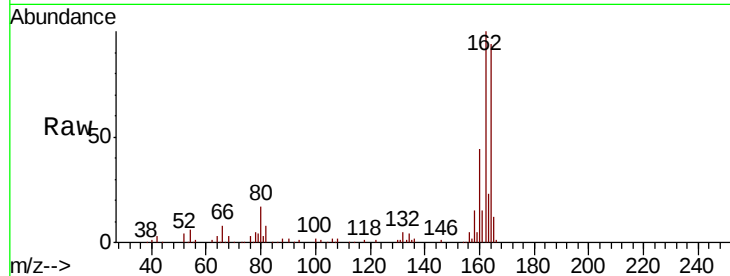




#51
 2,6-Dinitrotoluene
 Concen: 7.702 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110550.D
 Acq: 7 Nov 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :

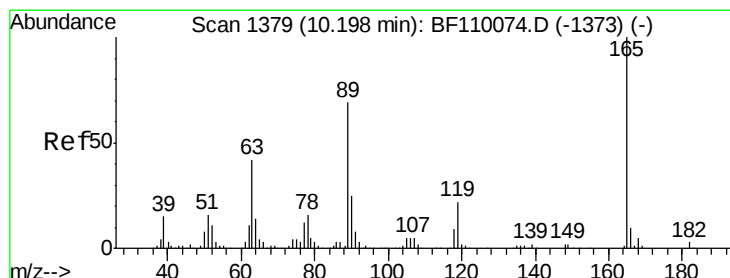
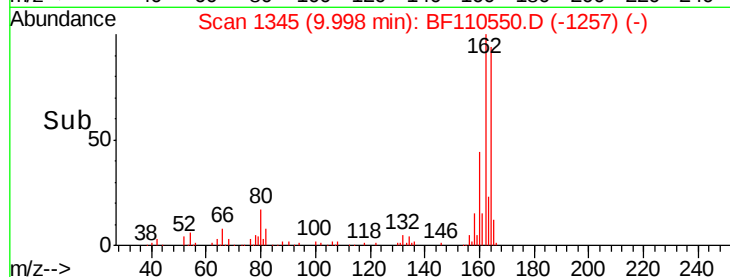
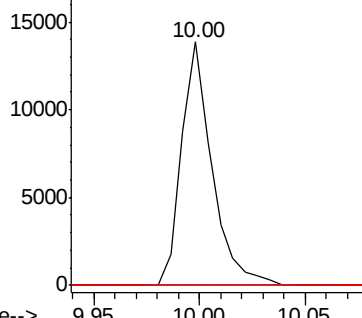
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

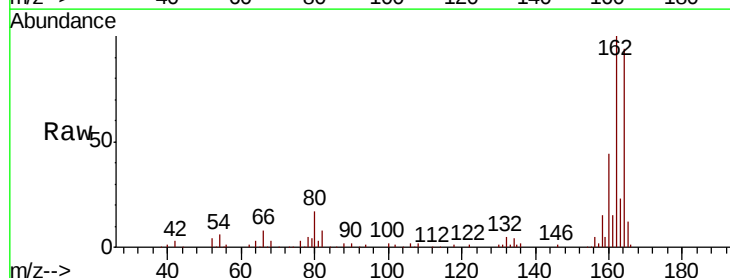
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.064 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110550.D
 Acq: 7 Nov 2018 8:27

Tgt 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#

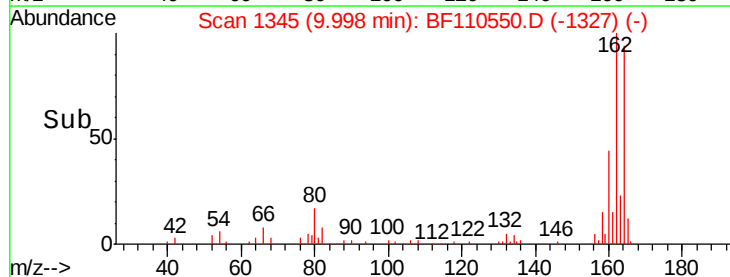
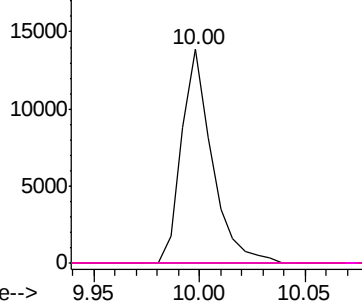


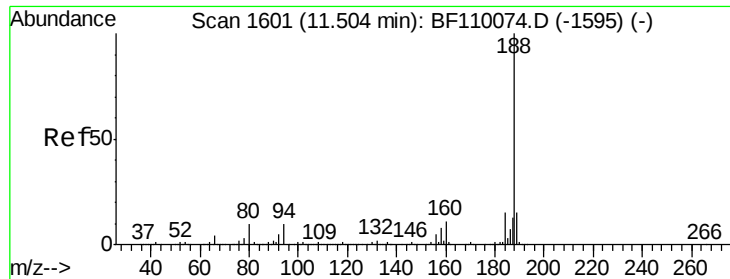
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110550.D

Acq: 7 Nov 2018 8:27

Instrument :

BNA_F

ClientSampleId :

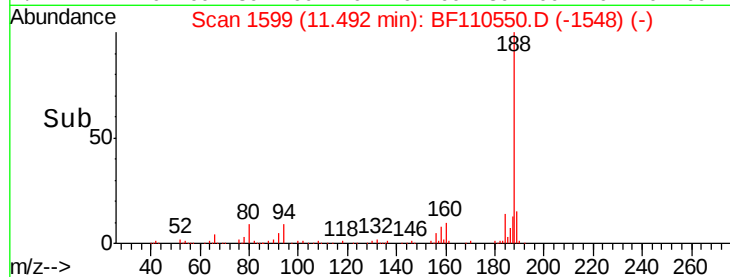
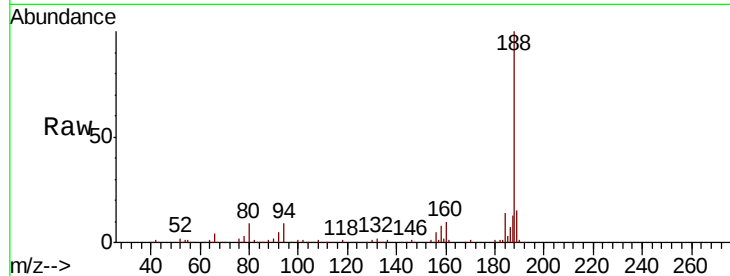
Tot Ion:188 Resp: 192558

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

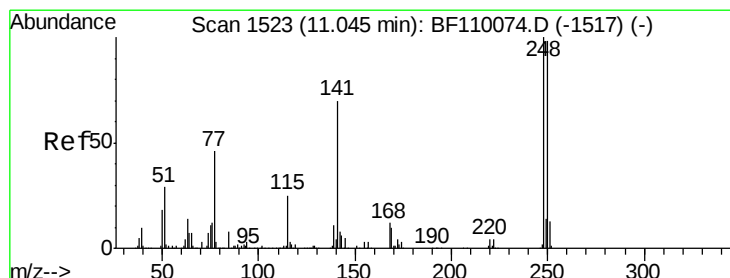
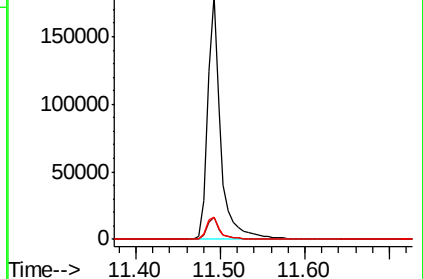
80 9.2 7.9 11.9



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: 2.145 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110550.D

Acq: 7 Nov 2018 8:27

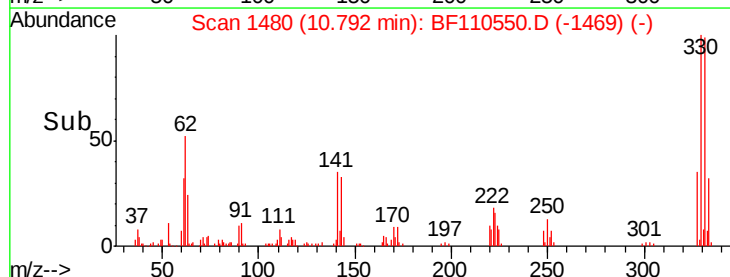
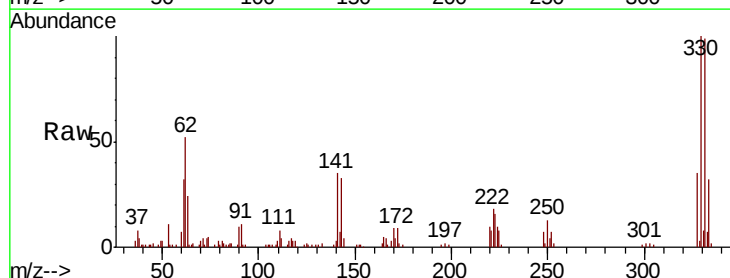
Tgt Ion:248 Resp: 4480

Ion Ratio Lower Upper

248 100

250 194.5 79.4 119.2#

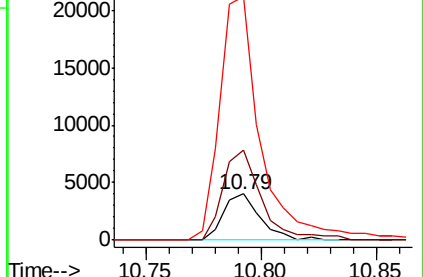
141 526.5 55.9 83.9#

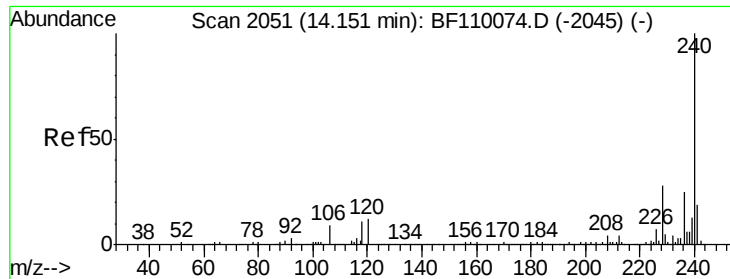


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

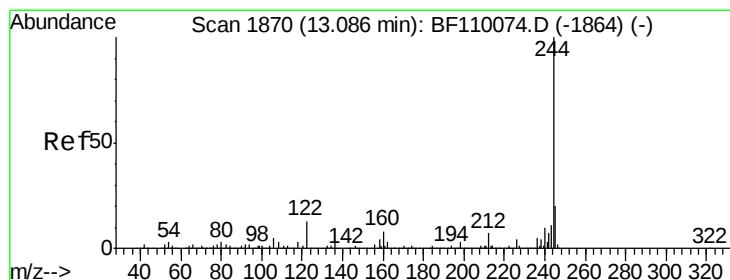
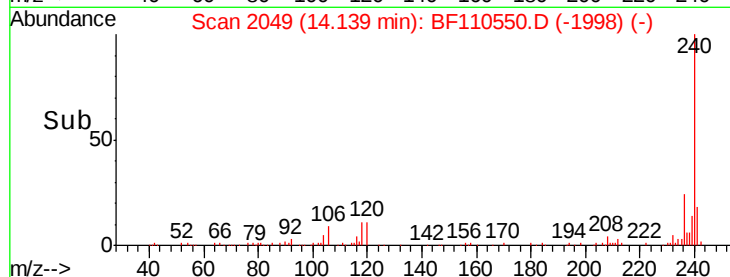
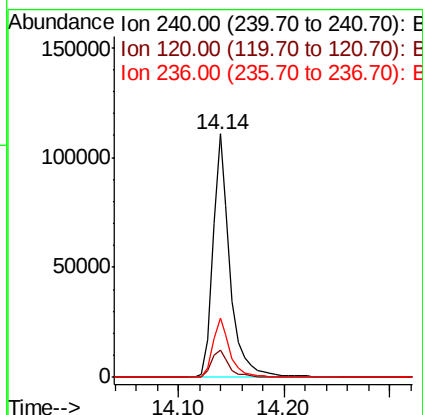
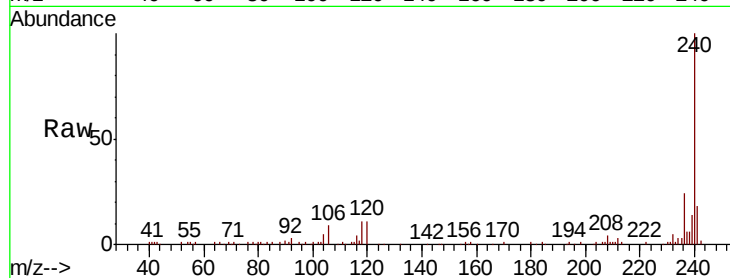




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110550.D
 Acq: 7 Nov 2018 8:27

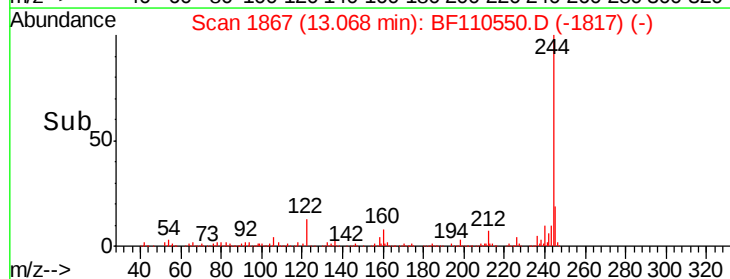
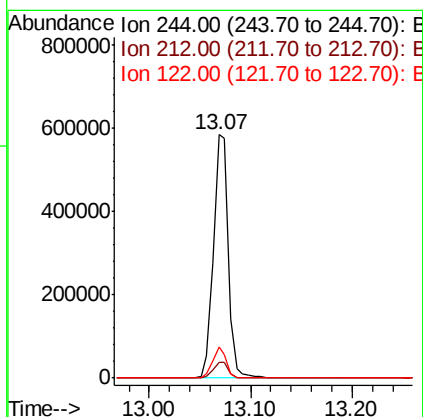
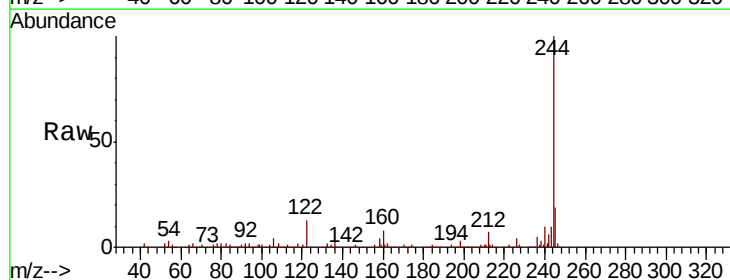
Instrument :
 BNA_F
 ClientSampled :

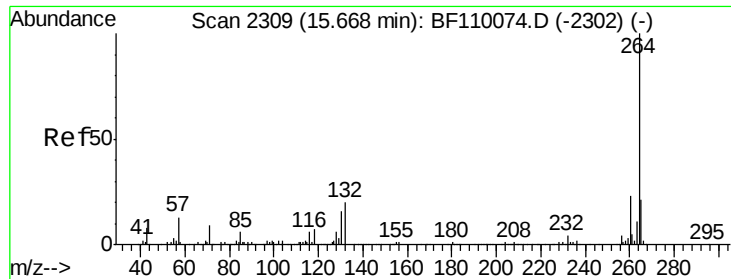
Tot Ion:240 Resp: 125582
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 24.3 21.2 31.8



#79
 Terphenyl-d14
 Concen: 98.941 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110550.D
 Acq: 7 Nov 2018 8:27

Tgt Ion:244 Resp: 597451
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.6 8.7 13.1

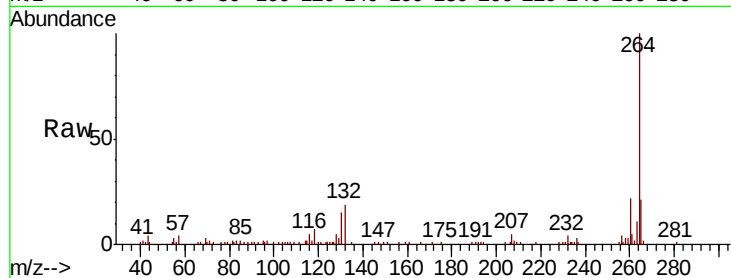




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110550.D
 Acq: 7 Nov 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.2	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

