

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110448.D
 Acq On : 3 Nov 2018 8:58
 Operator : JU/SJ
 Sample : J5789-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:48:42 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

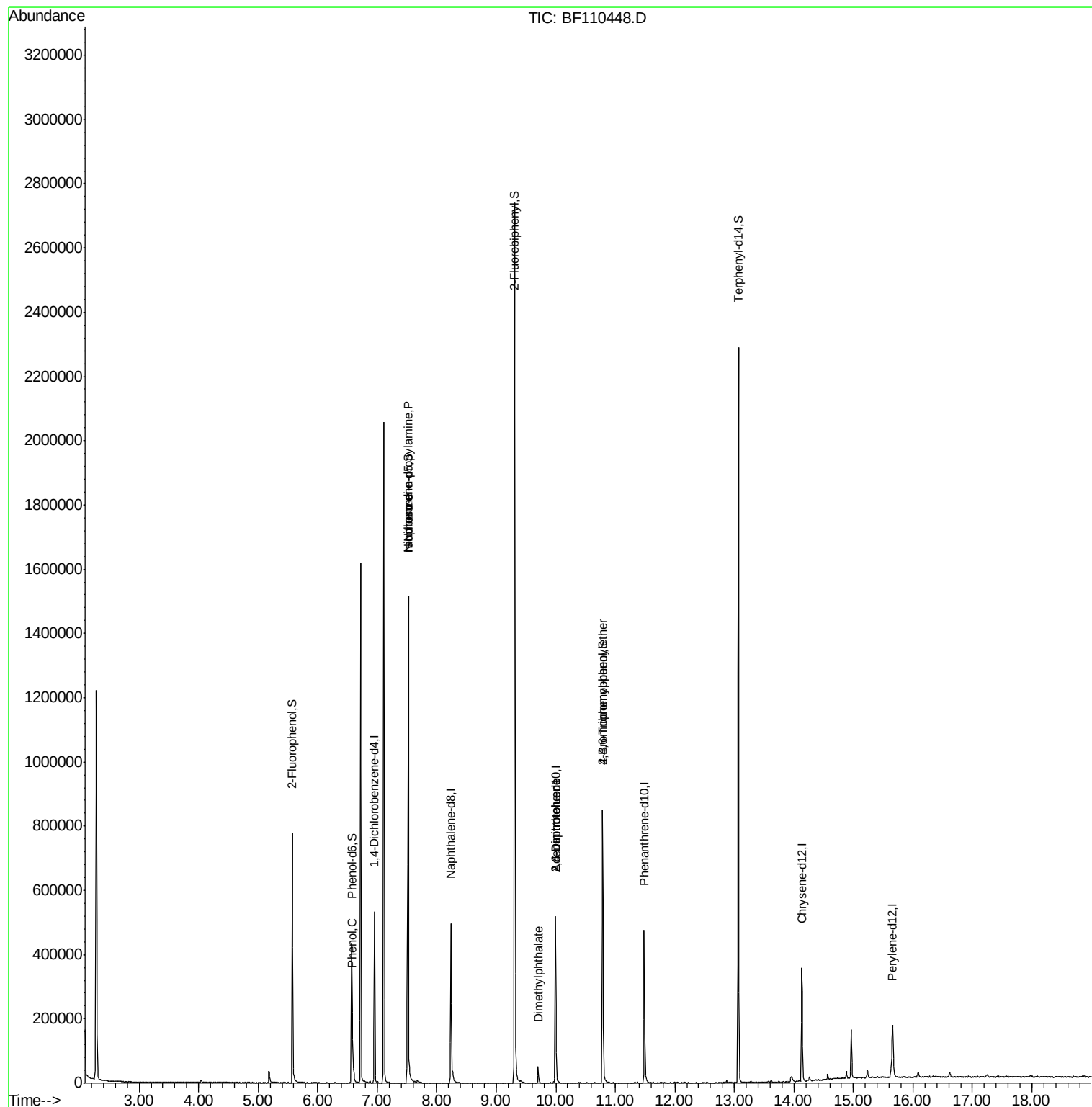
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81171	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	299951	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	120356	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	205877	20.00	ng	0.00
76) Chrysene-d12	14.13	240	139313	20.00	ng	0.00
87) Perylene-d12	15.66	264	98764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	215193	43.17	ng	0.00
7) Phenol-d6	6.57	99	162514	25.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	533867	105.57	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	103988	87.22	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	901398	117.60	ng	0.00
79) Terphenyl-d14	13.07	244	803423	119.94	ng	0.00
Target Compounds						
10) Phenol	6.59	94	25698	3.771	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	71047	17.370	ng	# 79
25) Isophorone	7.52	82	533863	61.931	ng	# 67
50) Dimethylphthalate	9.70	163	26364	2.967	ng	# 98
51) 2,6-Dinitrotoluene	10.00	165	15145	7.914	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	15145	6.230	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	6196	2.775	ng	# 1

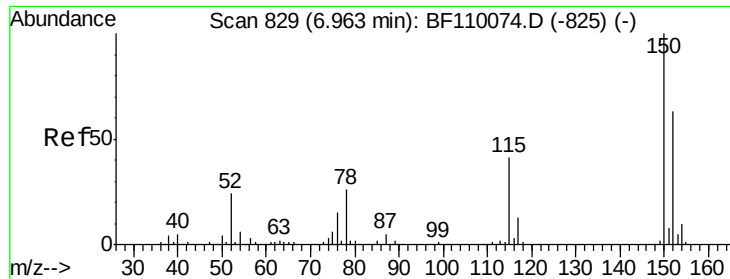
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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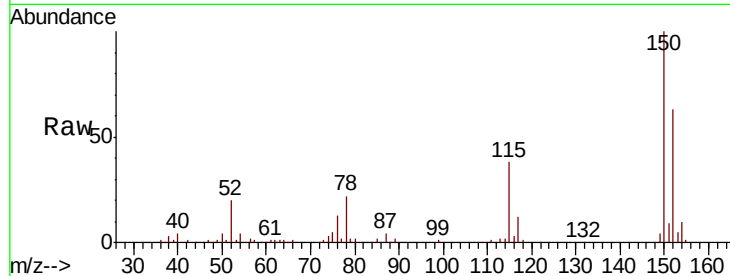




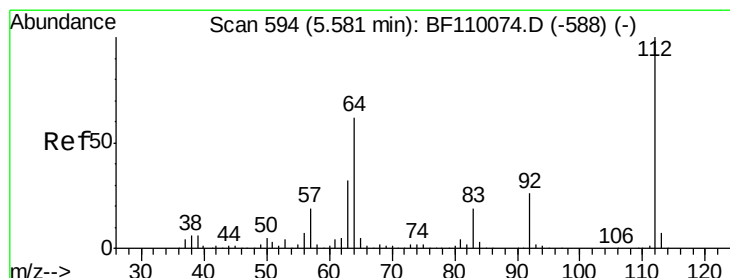
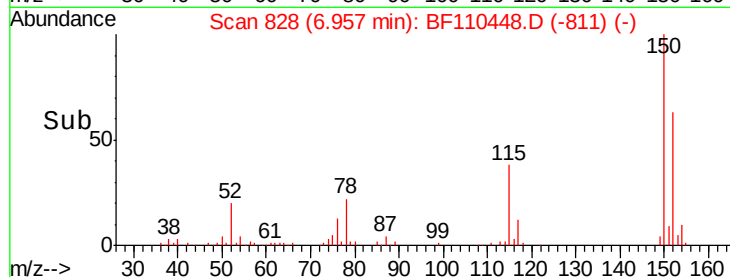
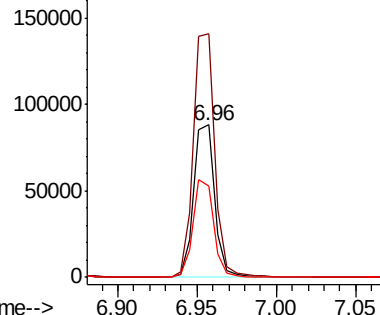
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110448.D
 Acq: 3 Nov 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 81171
 Ion Ratio Lower Upper
 152 100
 150 159.5 122.7 184.1
 115 60.2 49.1 73.7

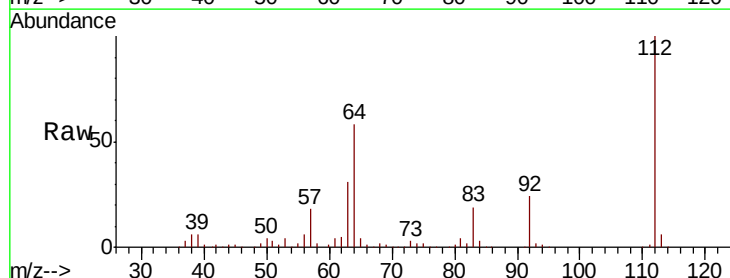


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

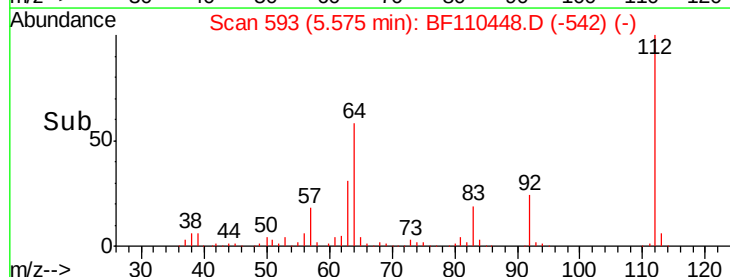
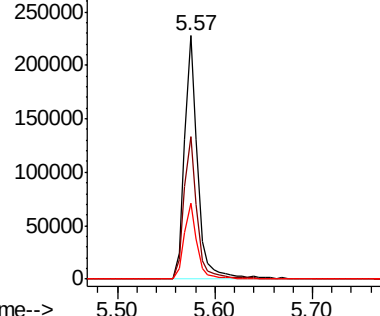


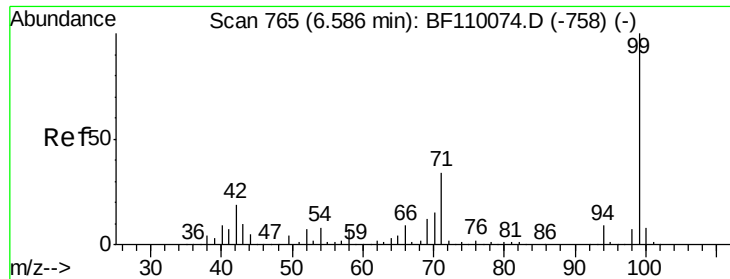
#5
 2-Fluorophenol
 Concen: 43.172 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110448.D
 Acq: 3 Nov 2018 8:58

Tgt Ion:112 Resp: 215193
 Ion Ratio Lower Upper
 112 100
 64 58.3 44.1 66.1
 63 31.1 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: 25.490 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

Instrument :

BNA_F

ClientSampleId :

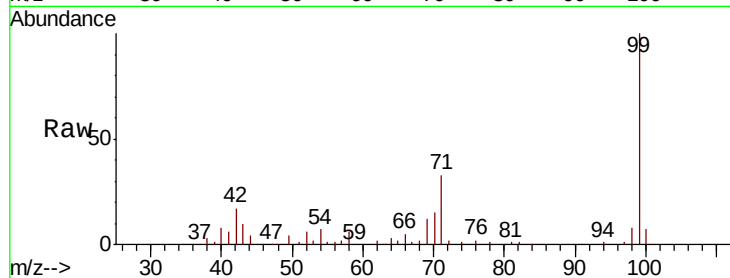
Tot Ion: 99 Resp: 162514

Ion Ratio Lower Upper

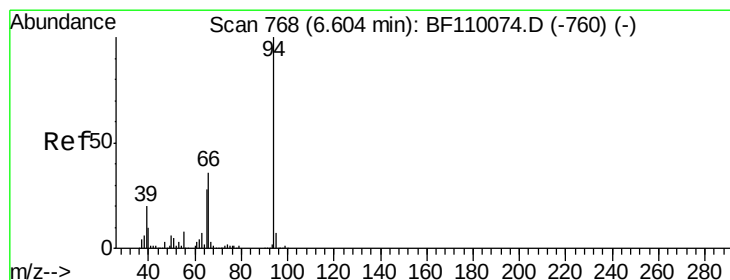
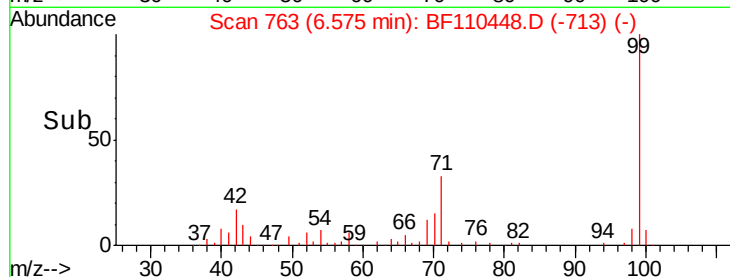
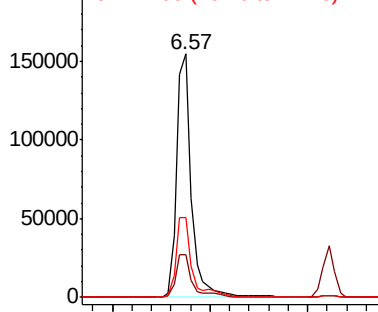
99 100

42 17.5 15.8 23.6

71 32.8 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: 3.771 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

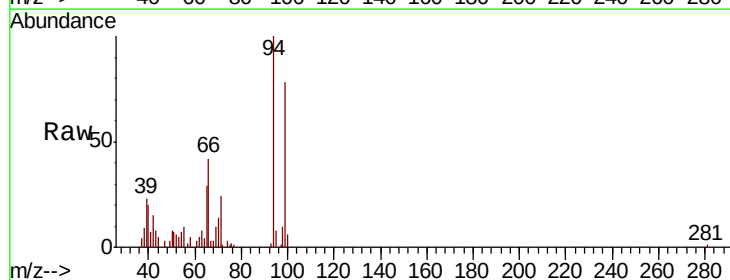
Tgt Ion: 94 Resp: 25698

Ion Ratio Lower Upper

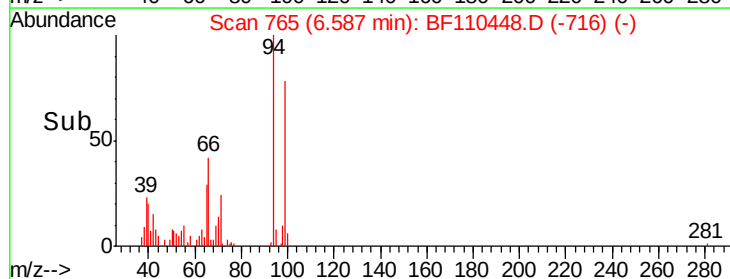
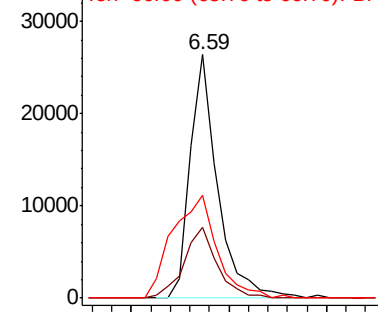
94 100

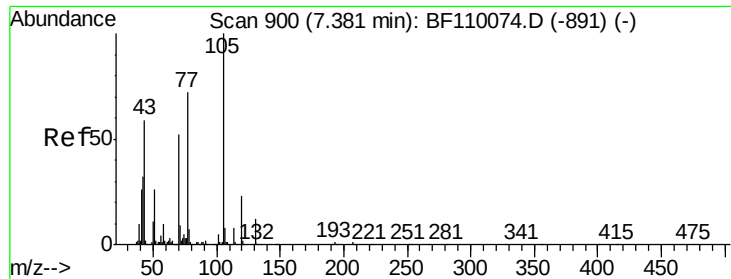
65 29.2 25.3 65.3

66 42.4 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

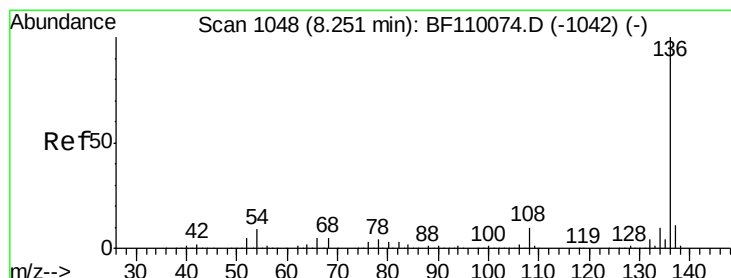
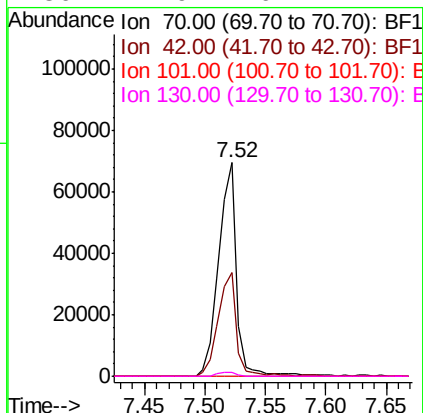
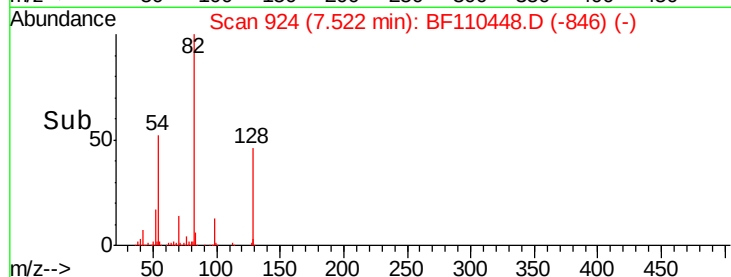
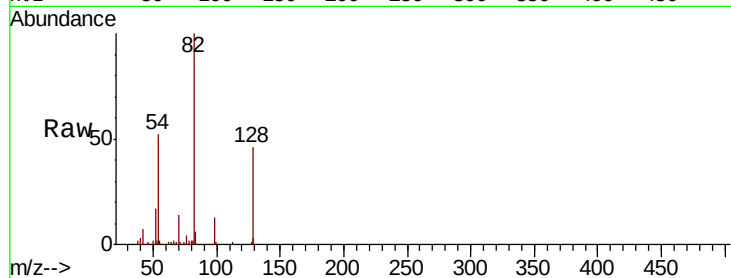




#19
n-Nitroso-di-n-propylamine
Concen: 17.370 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110448.D
Acq: 3 Nov 2018 8:58

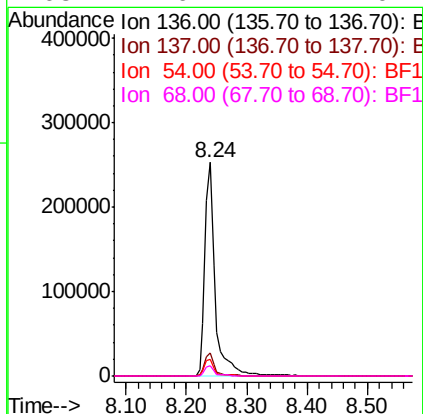
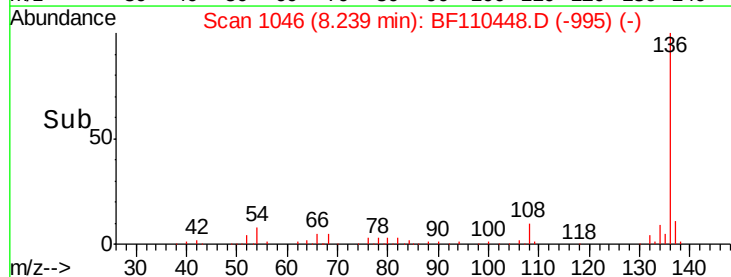
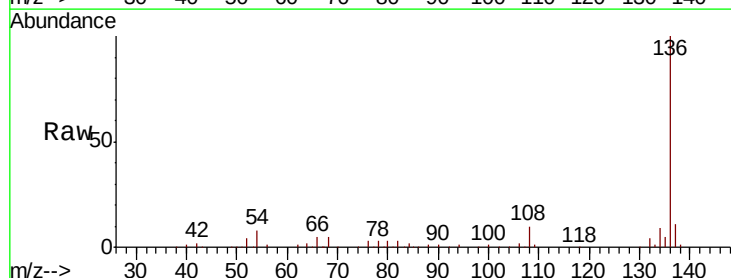
Instrument :
BNA_F
ClientSampled :

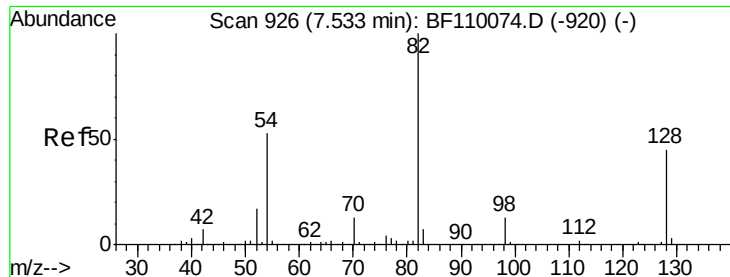
Tot Ion: 70 Resp: 71047
Ion Ratio Lower Upper
70 100
42 48.6 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110448.D
Acq: 3 Nov 2018 8:58

Tgt Ion: 136 Resp: 299951
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 5.4 8.2
68 4.6 4.2 6.2

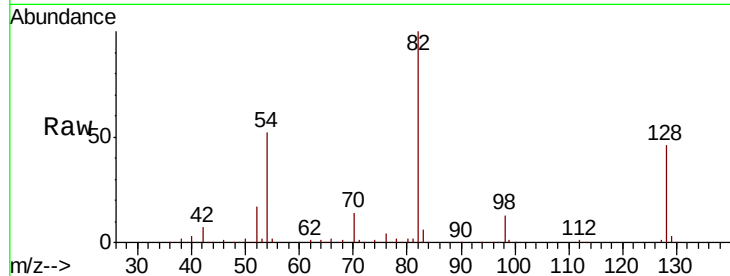




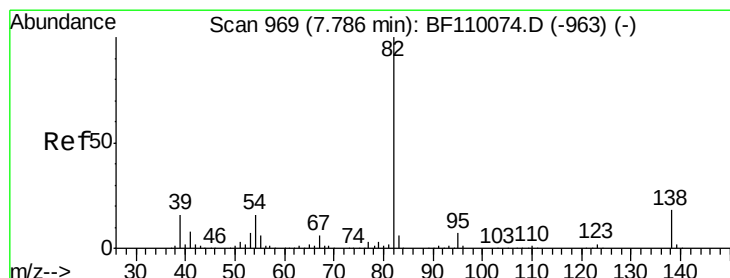
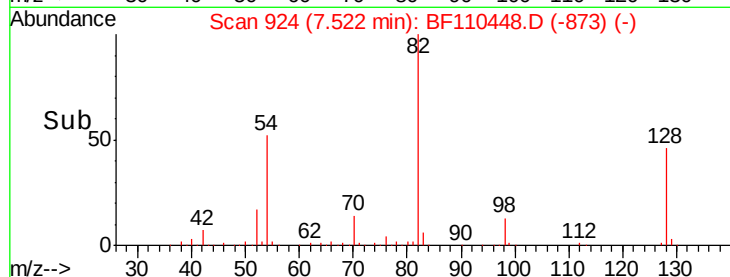
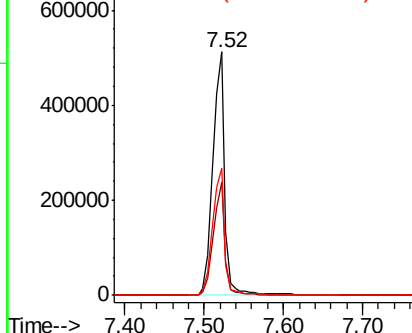
#23
Nitrobenzene-d5
Concen: 105.568 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110448.D
Acq: 3 Nov 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	533867
Ion Ratio	100	Lower	Upper
128	46.5	34.2	51.2
54	52.4	38.6	58.0

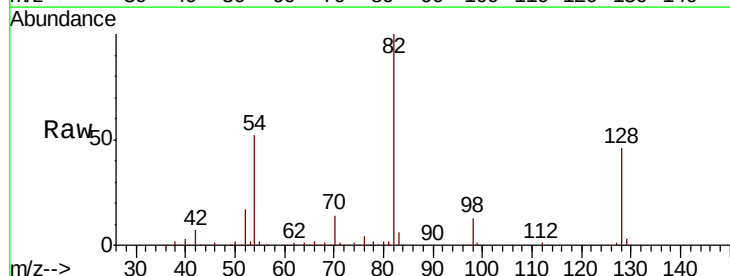


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

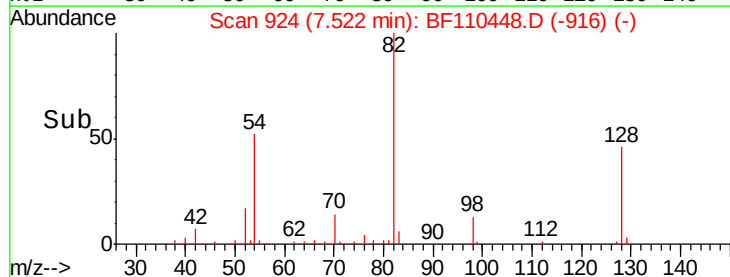
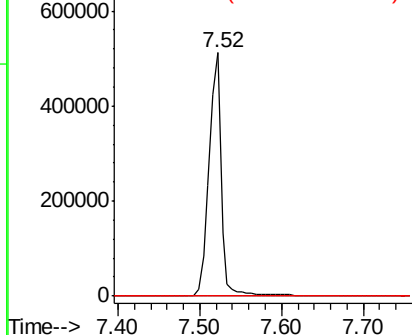


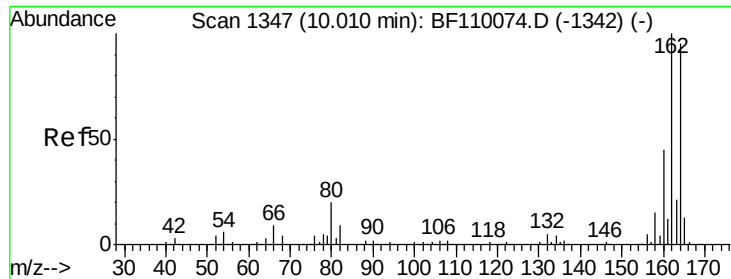
#25
Isophorone
Concen: 61.931 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110448.D
Acq: 3 Nov 2018 8:58

Tgt Ion	82	Resp	533863
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: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

Instrument :

BNA_F

ClientSampleId :

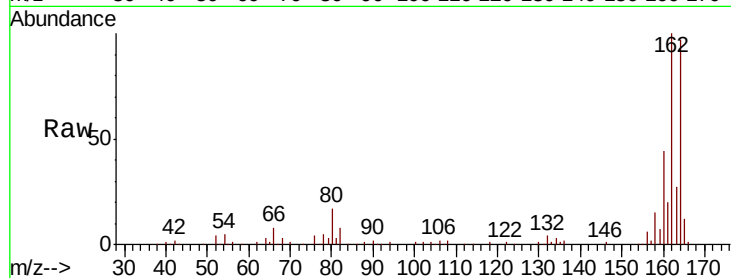
Tot Ion:164 Resp: 120356

Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.6

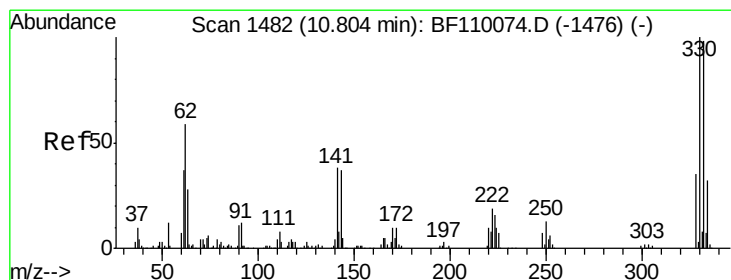
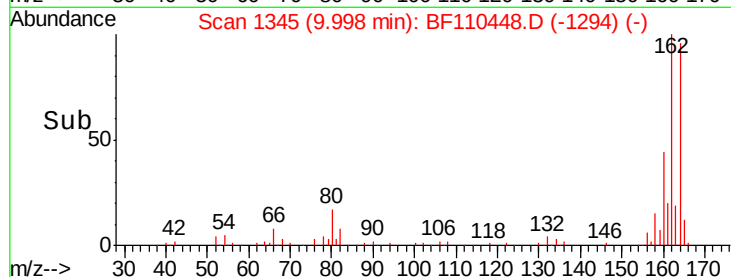
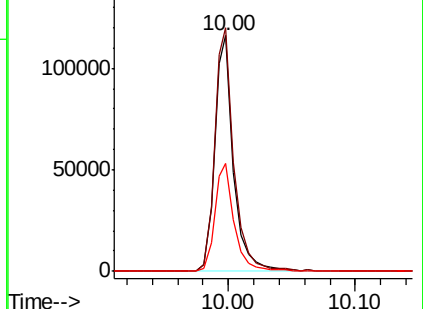
160 45.9 37.0 55.6



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: 87.223 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

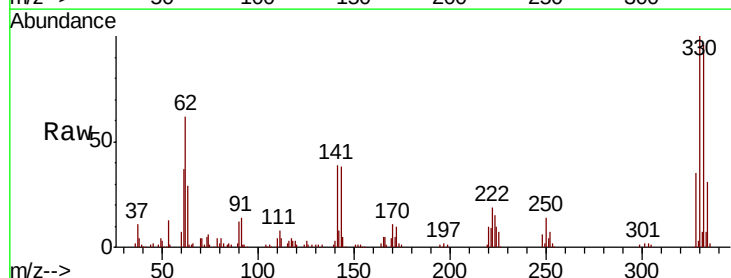
Tgt Ion:330 Resp: 103988

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

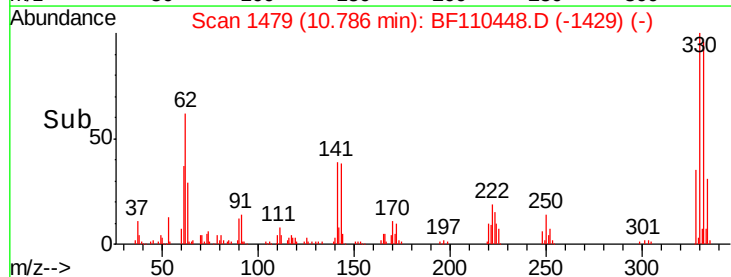
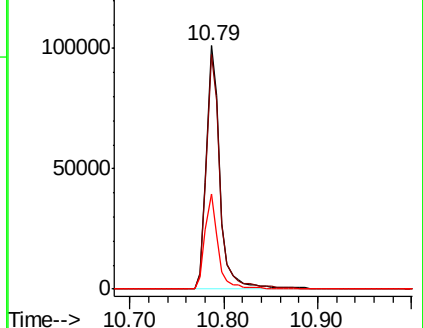
141 37.2 27.0 40.4

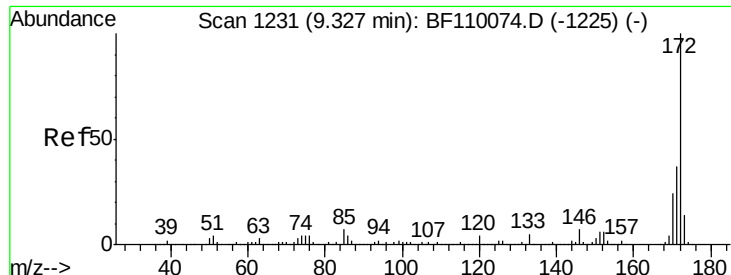


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

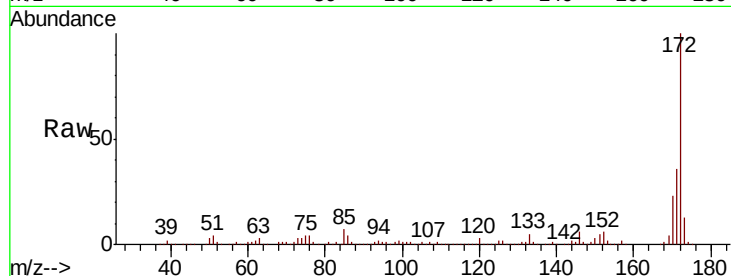




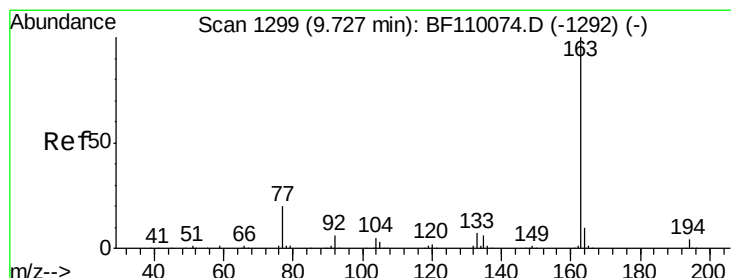
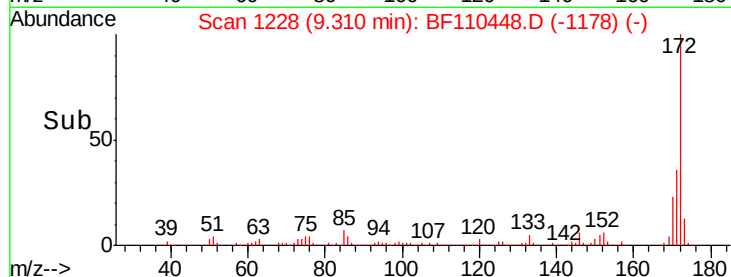
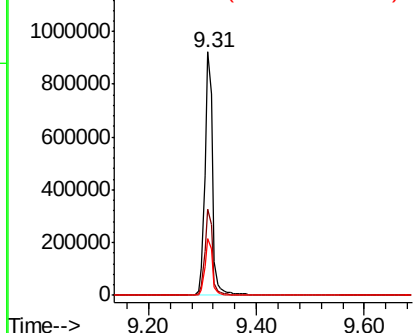
#45
2-Fluorobiphenyl
Concen: 117.603 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110448.D
Acq: 3 Nov 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 901398
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.2 19.7 29.5

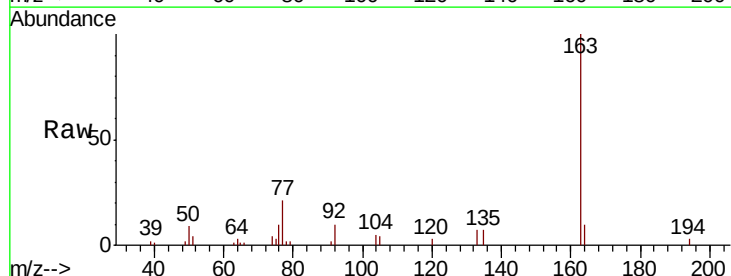


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

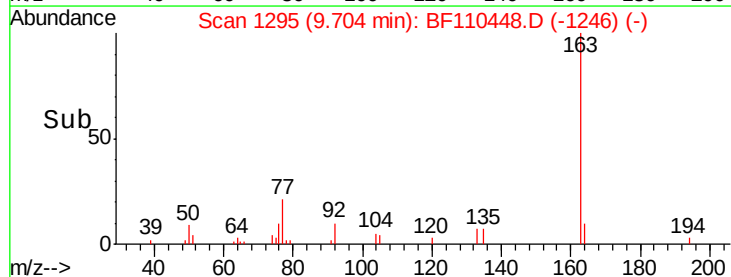
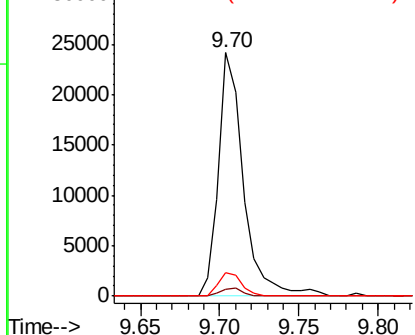


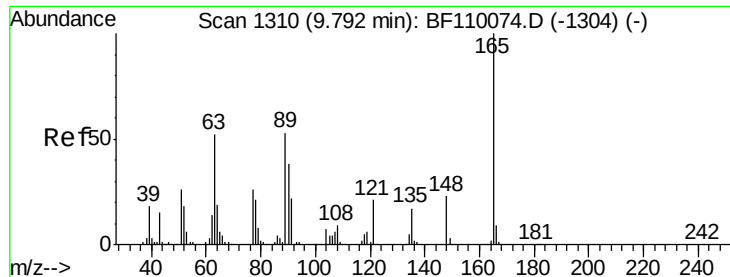
#50
Dimethylphthalate
Concen: 2.967 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110448.D
Acq: 3 Nov 2018 8:58

Tgt Ion:163 Resp: 26364
Ion Ratio Lower Upper
163 100
194 3.1 3.2 4.8#
164 9.6 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

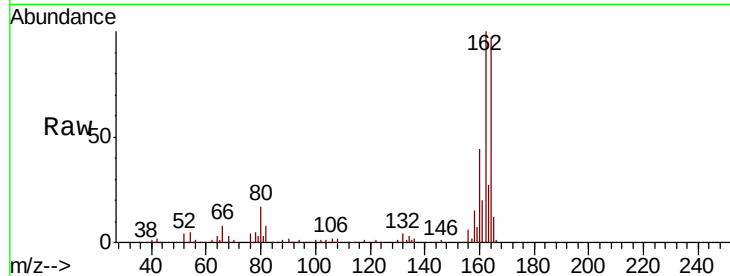




#51
 2,6-Dinitrotoluene
 Concen: 7.914 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110448.D
 Acq: 3 Nov 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :

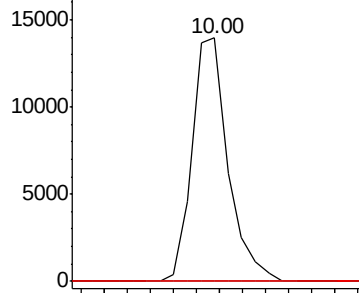
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



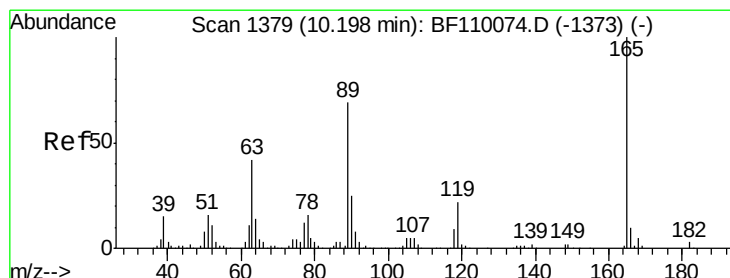
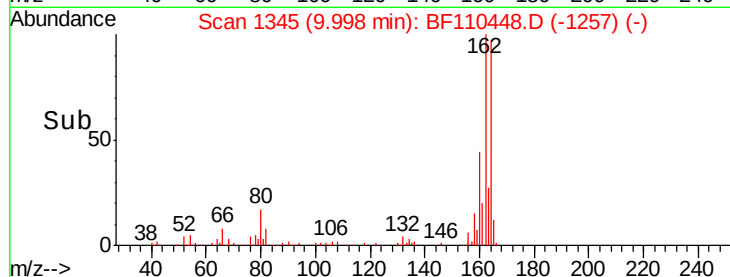
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

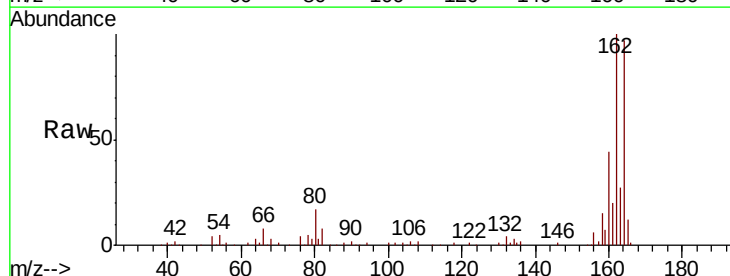


Time-->



#57
 2,4-Dinitrotoluene
 Concen: 6.230 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110448.D
 Acq: 3 Nov 2018 8:58

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#

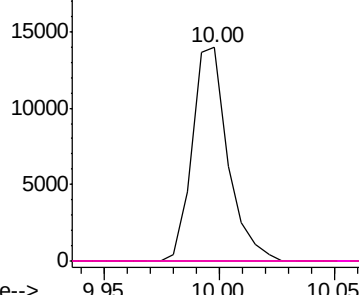


Abundance Ion 165.00 (164.70 to 165.70): E

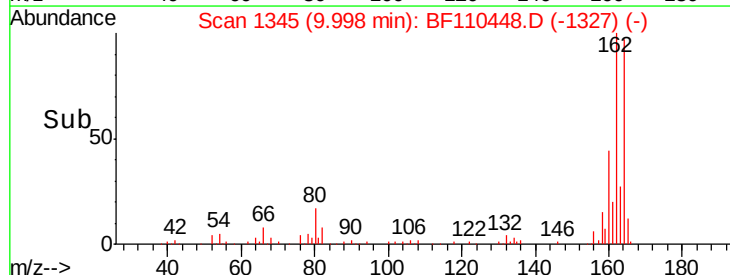
Ion 63.00 (62.70 to 63.70): BF1

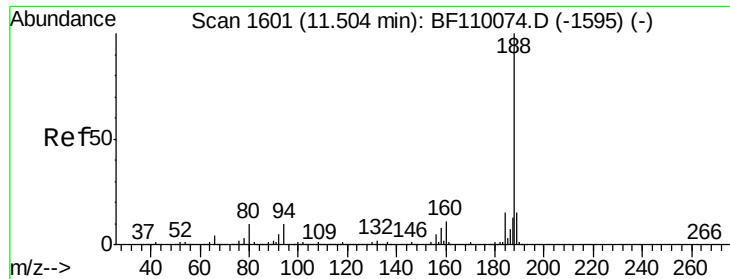
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

Instrument :

BNA_F

ClientSampled :

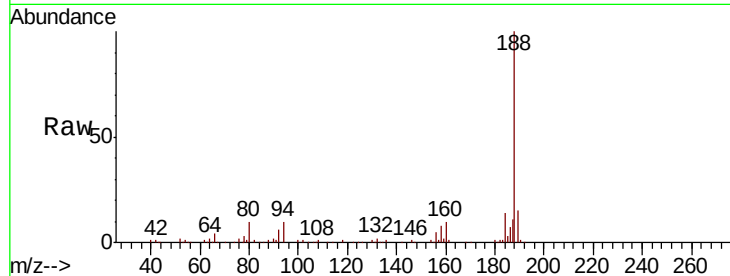
Tot Ion:188 Resp: 205877

Ion Ratio Lower Upper

188 100

94 9.7 7.2 10.8

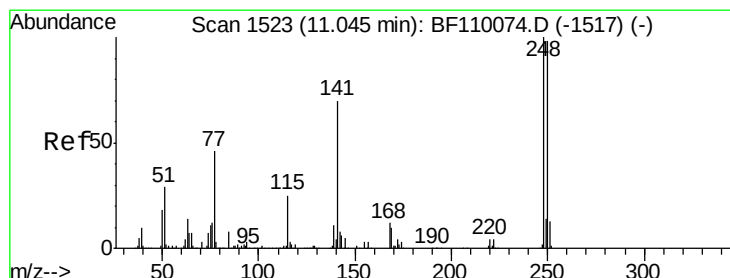
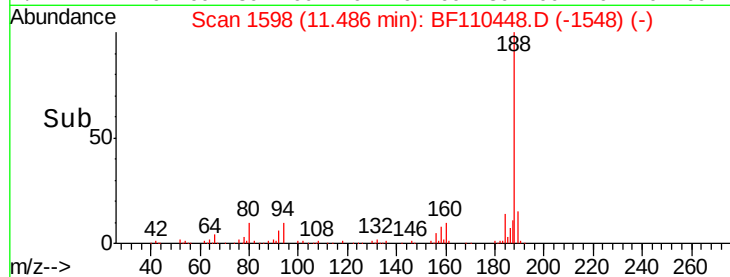
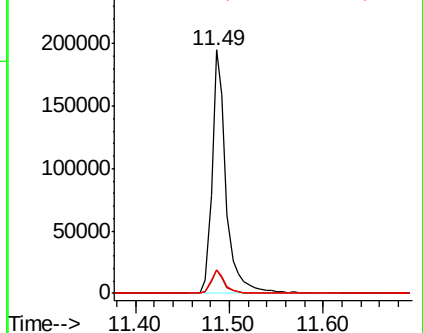
80 9.9 7.9 11.9



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: 2.775 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

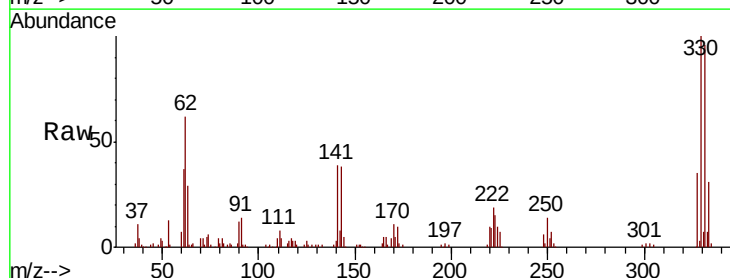
Tgt Ion:248 Resp: 6196

Ion Ratio Lower Upper

248 100

250 226.0 79.4 119.2#

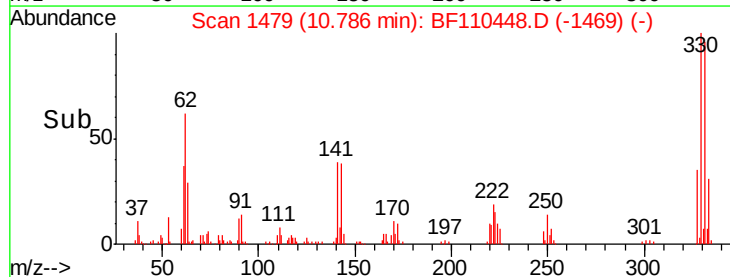
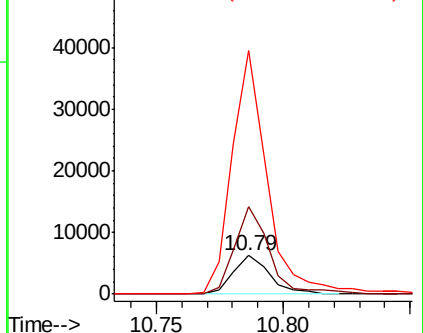
141 632.4 55.9 83.9#

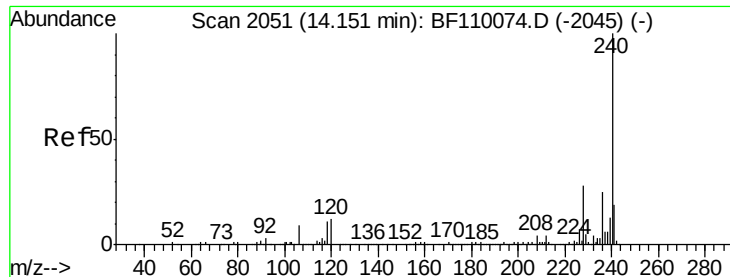


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

Instrument :

BNA_F

ClientSampleId :

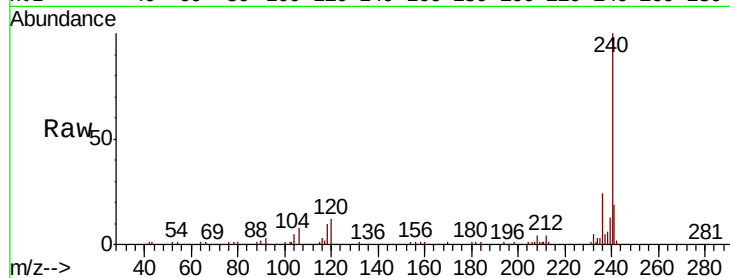
Tot Ion:240 Resp: 139313

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

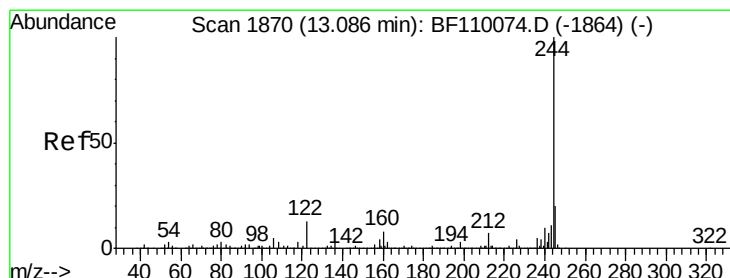
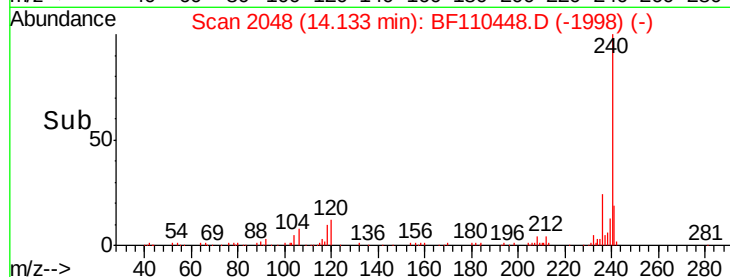
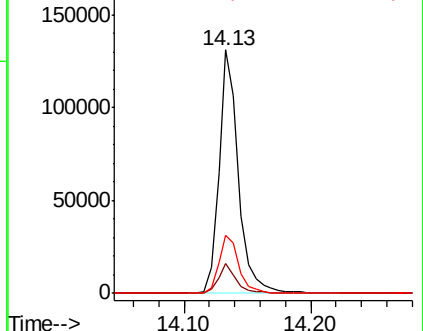
236 23.8 21.2 31.8



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: 119.938 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110448.D

Acq: 3 Nov 2018 8:58

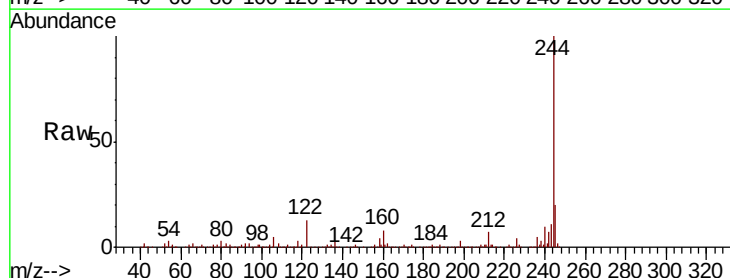
Tgt Ion:244 Resp: 803423

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

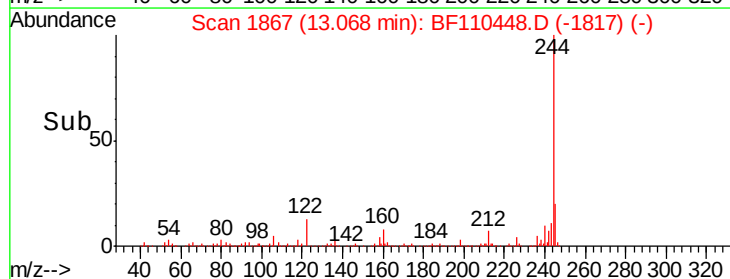
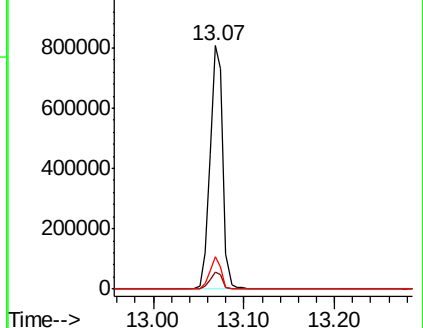
122 13.2 8.7 13.1#

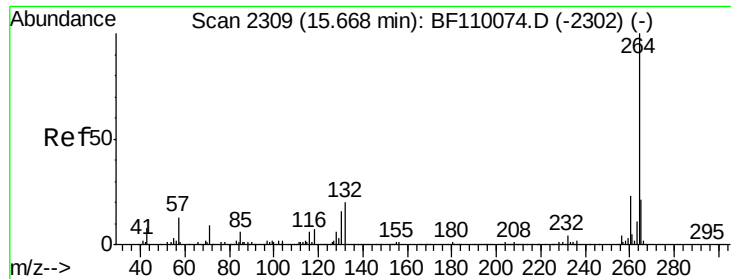


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

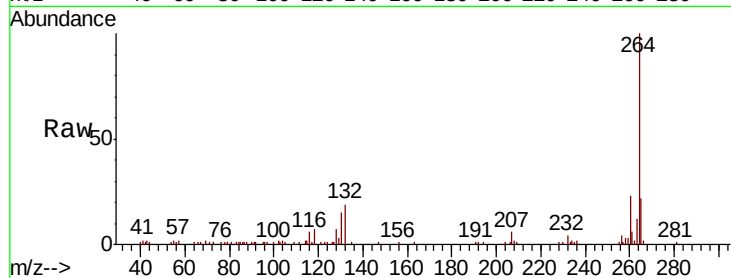




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110448.D
 Acq: 3 Nov 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.5	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

