

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110634.D
 Acq On : 9 Nov 2018 18:25
 Operator : JU/SJ
 Sample : J5860-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:23:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

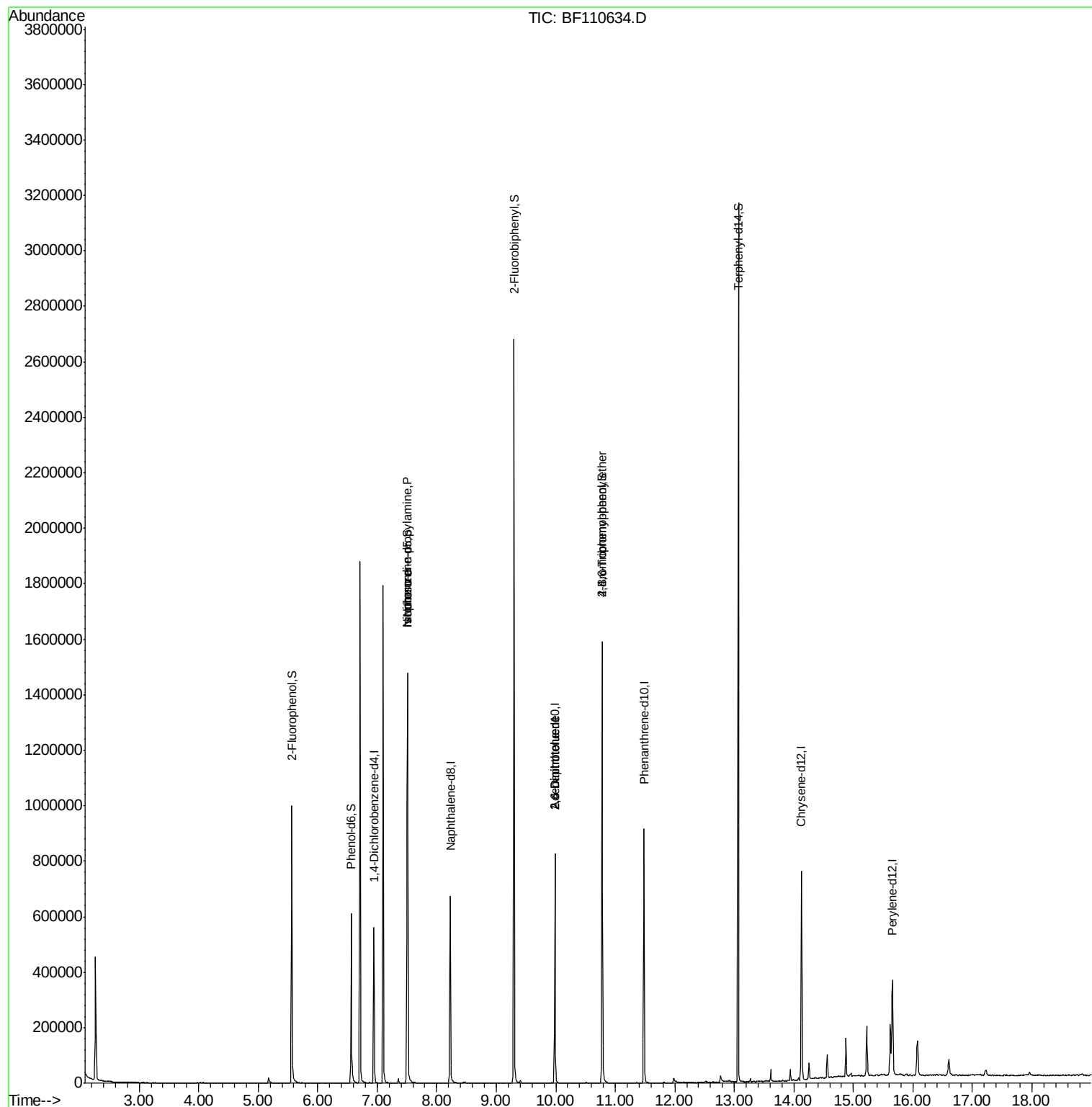
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84697	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	351122	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	170376	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	340784	20.00	ng	0.00
76) Chrysene-d12	14.13	240	269380	20.00	ng	-0.01
87) Perylene-d12	15.66	264	168827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	277513	53.22	ng	0.00
7) Phenol-d6	6.56	99	205838	30.87	ng	-0.01
23) Nitrobenzene-d5	7.51	82	526705	86.39	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	182950	106.57	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	957809	80.29	ng	0.00
79) Terphenyl-d14	13.07	244	1106709	76.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	69548	16.340	ng	# 79
25) Isophorone	7.51	82	526749	52.712	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	21682	7.753	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	21682	5.963	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	11701	3.107	ng	# 1

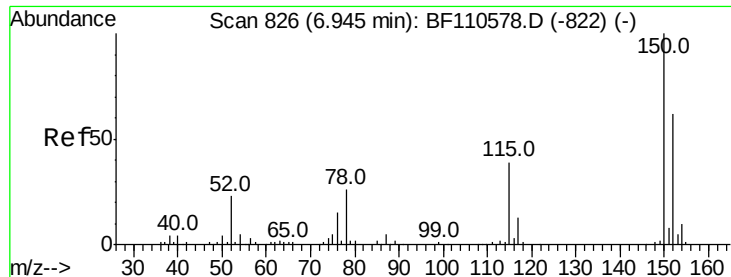
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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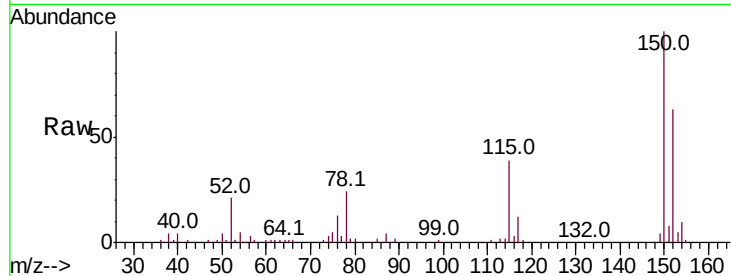


#1

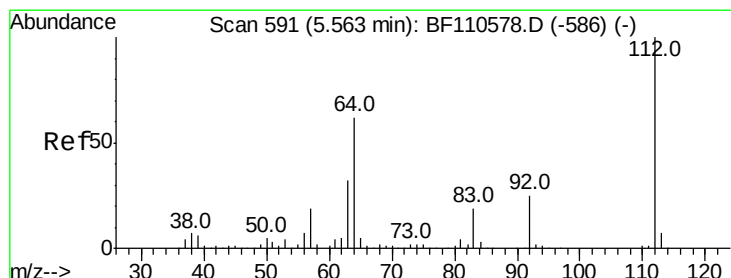
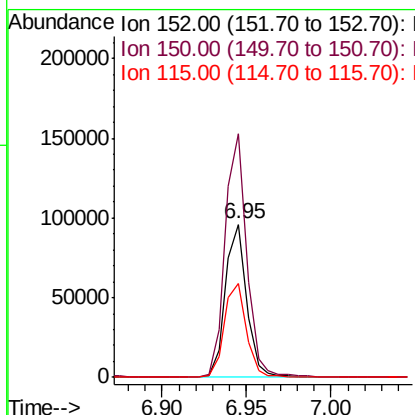
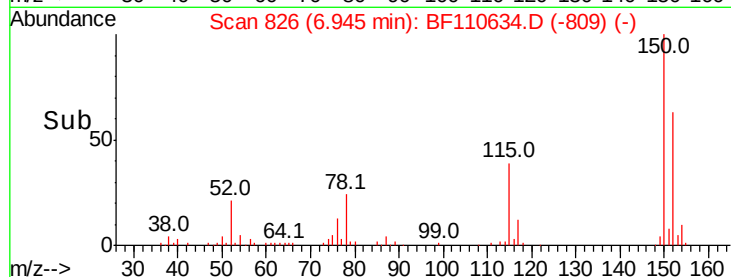
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110634.D
Acq: 9 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84697
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 61.6 49.1 73.7



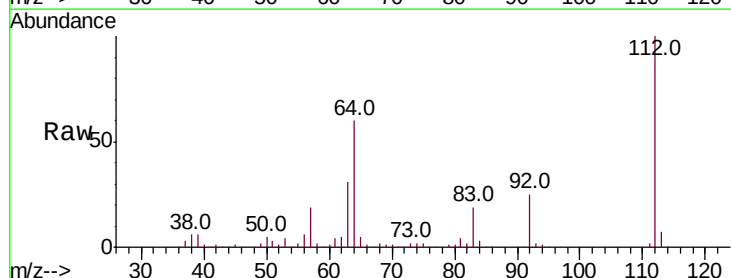
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



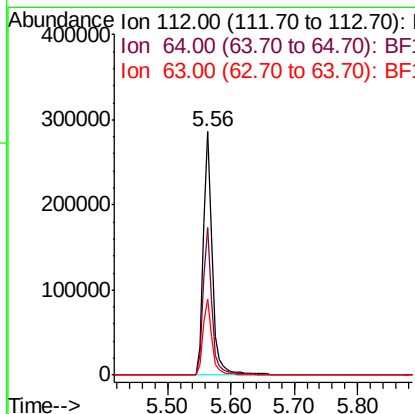
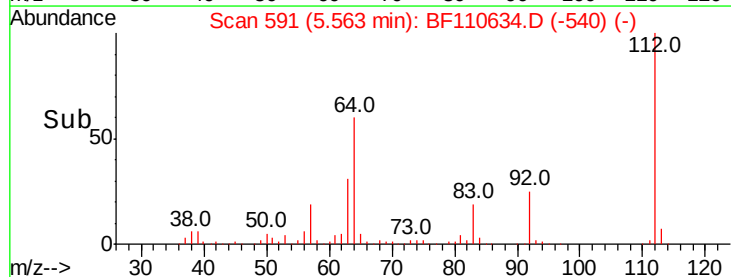
#5

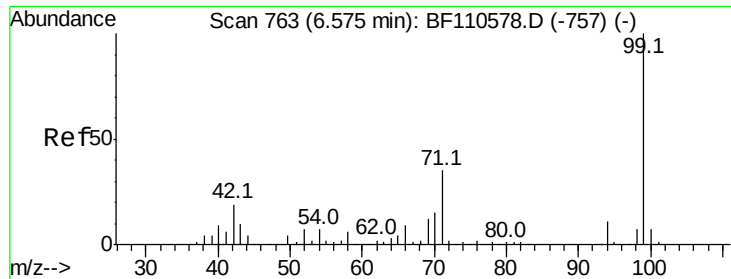
2-Fluorophenol
Concen: 53.221 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110634.D
Acq: 9 Nov 2018 18:25

Tgt Ion:112 Resp: 277513
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 31.4 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: 30.870 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

Instrument :

BNA_F

ClientSampled :

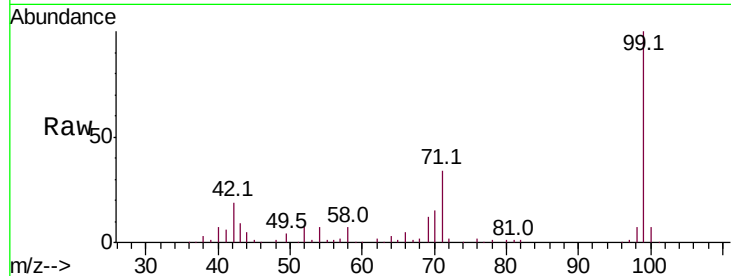
Tot Ion: 99 Resp: 205838

Ion Ratio Lower Upper

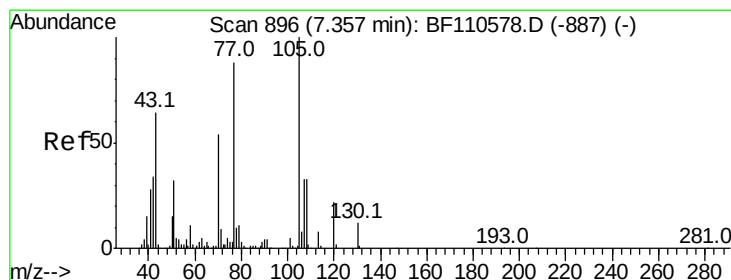
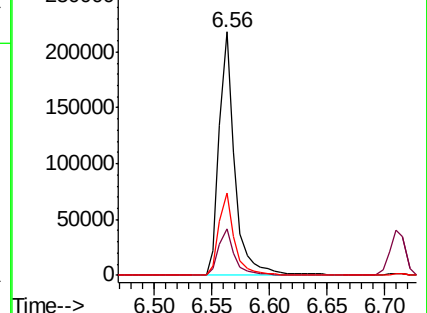
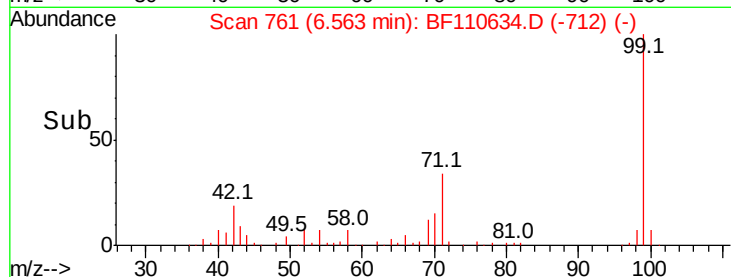
99 100

42 19.0 15.8 23.6

71 33.7 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: 16.340 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

Tgt Ion: 70 Resp: 69548

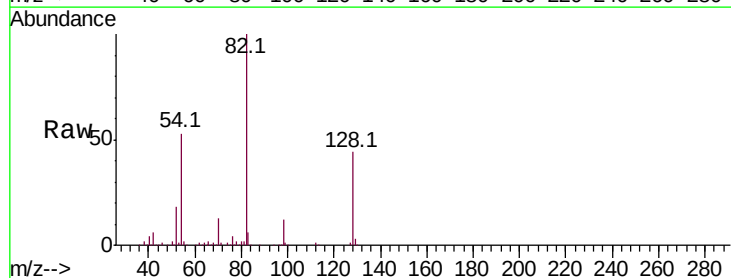
Ion Ratio Lower Upper

70 100

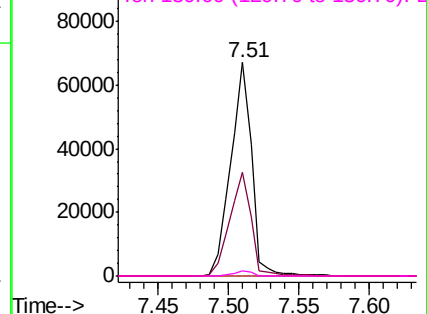
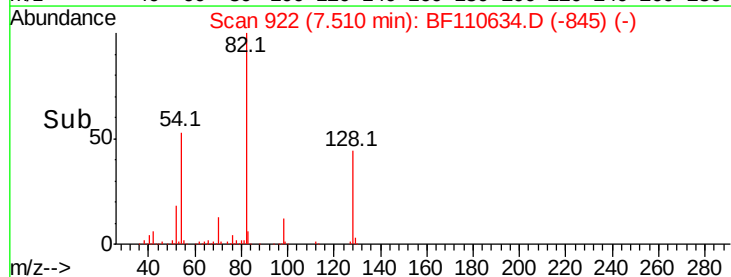
42 48.8 47.4 71.2

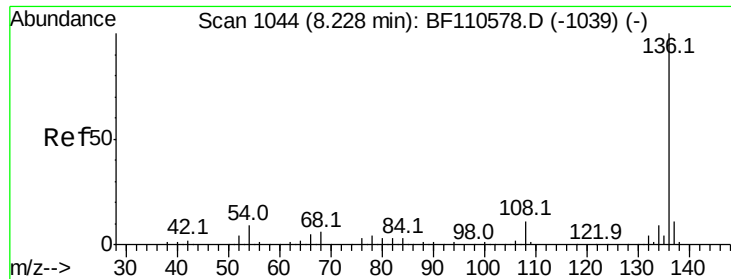
101 0.0 7.3 10.9#

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

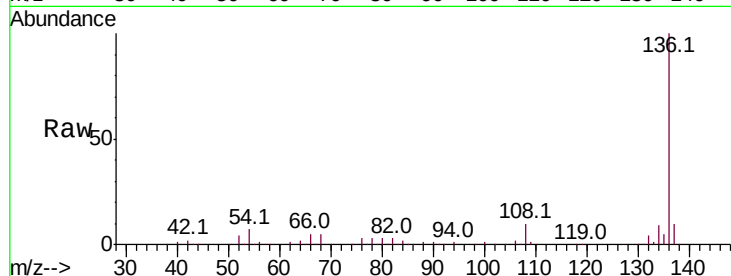




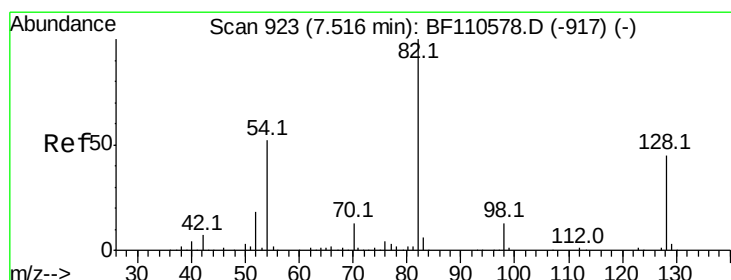
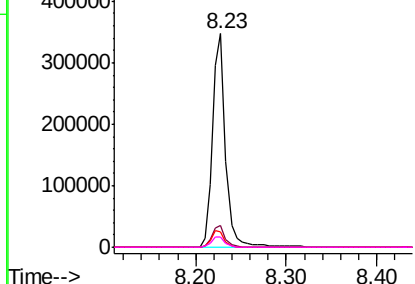
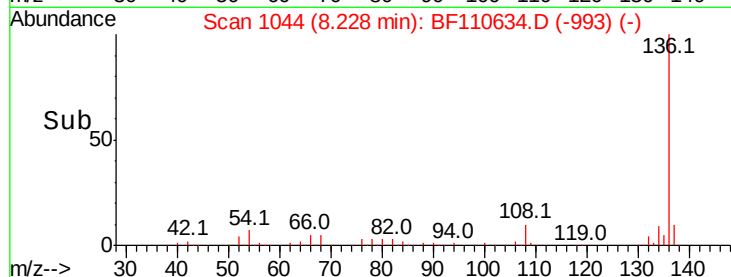
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110634.D
Acq: 9 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	351122
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	5.4	8.2
68	5.0	4.2	6.2

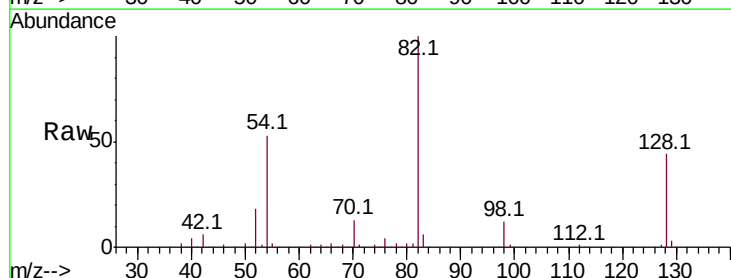


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

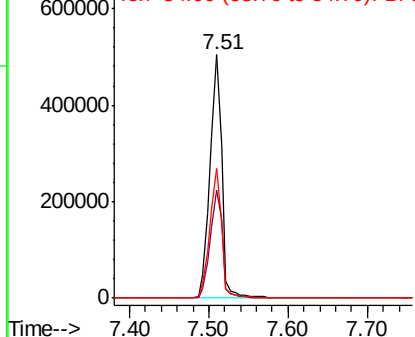
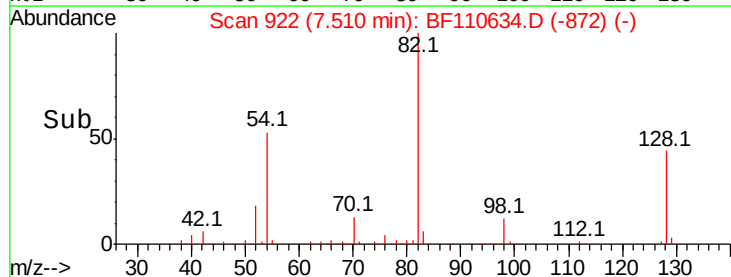


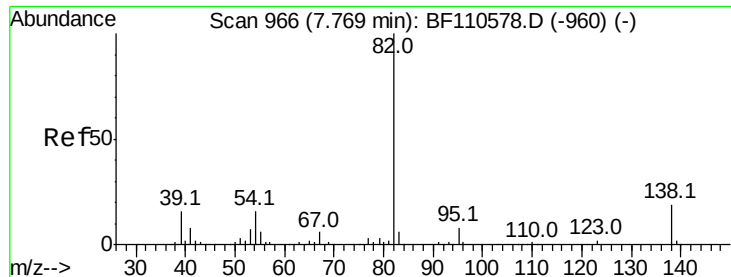
#23
Nitrobenzene-d5
Concen: 86.388 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110634.D
Acq: 9 Nov 2018 18:25

Tgt Ion:	82	Resp:	526705
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.1	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: 52.712 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

Instrument :

BNA_F

ClientSampleId :

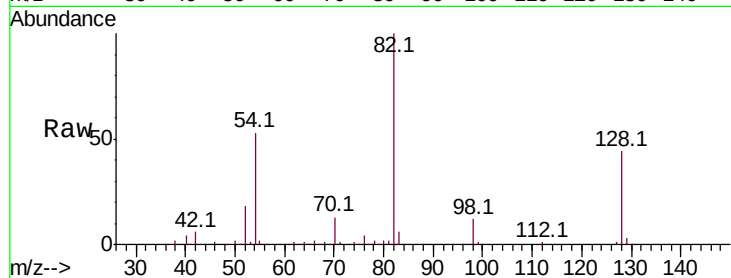
Tot Ion: 82 Resp: 526749

Ion Ratio Lower Upper

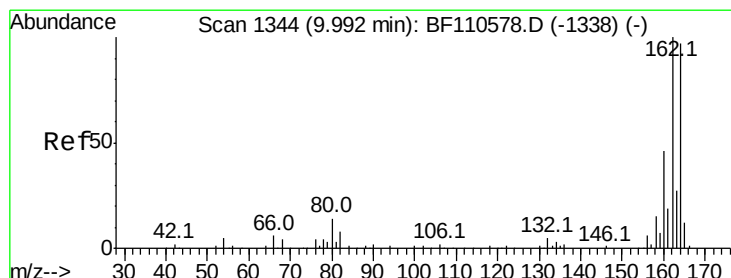
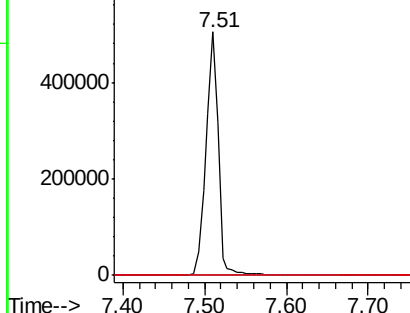
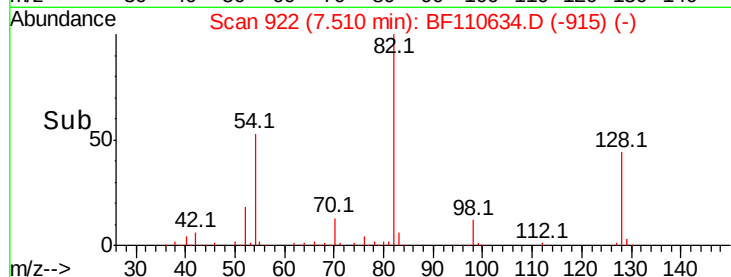
82 100

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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

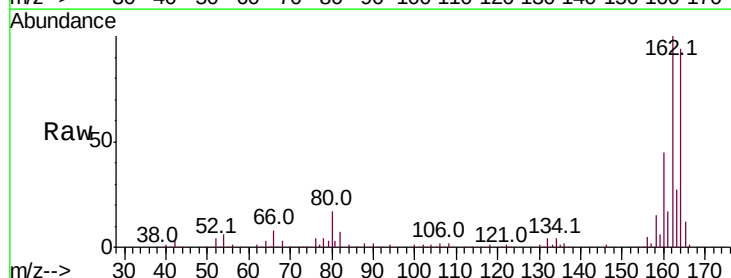
Tgt Ion:164 Resp: 170376

Ion Ratio Lower Upper

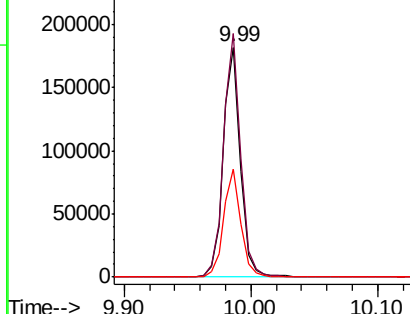
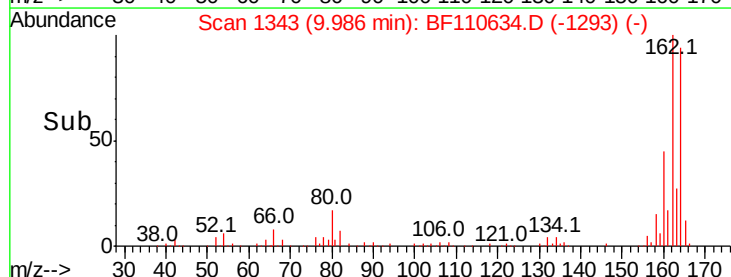
164 100

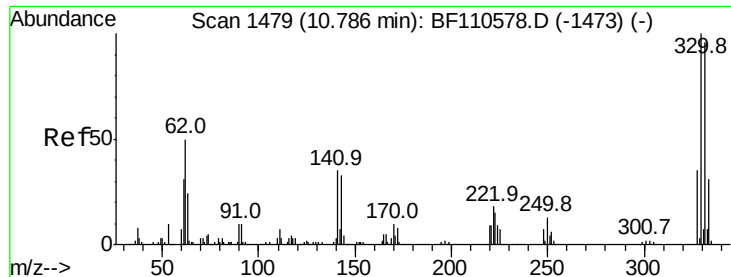
162 106.1 83.0 124.6

160 47.2 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: 106.568 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

Instrument :

BNA_F

ClientSampled :

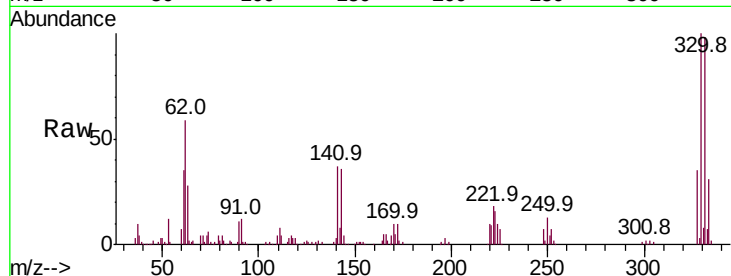
Tot Ion:330 Resp: 182950

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

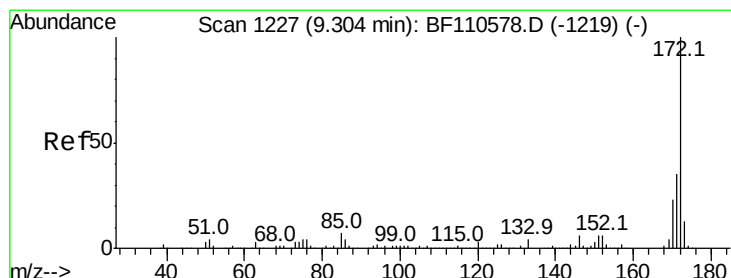
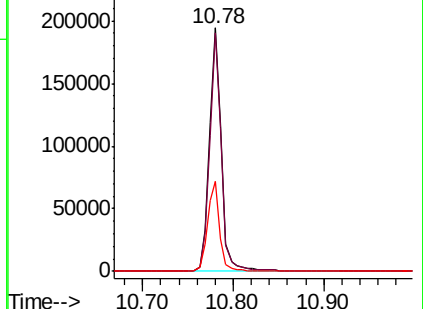
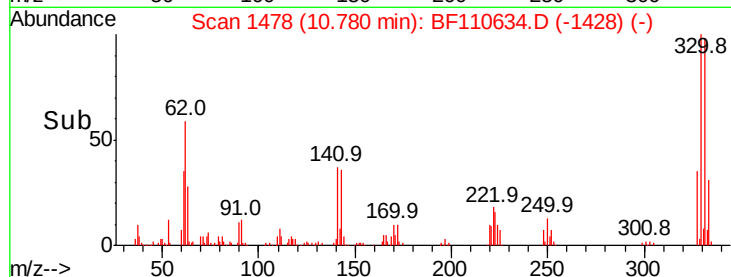
141 37.2 27.0 40.4



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: 80.289 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

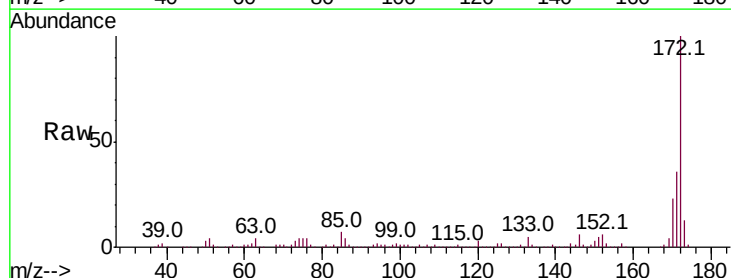
Tgt Ion:172 Resp: 957809

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

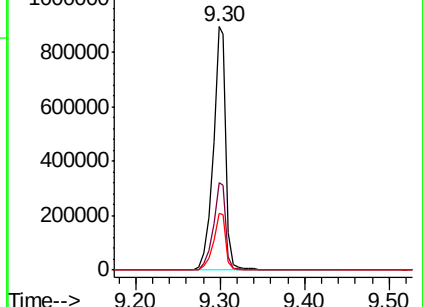
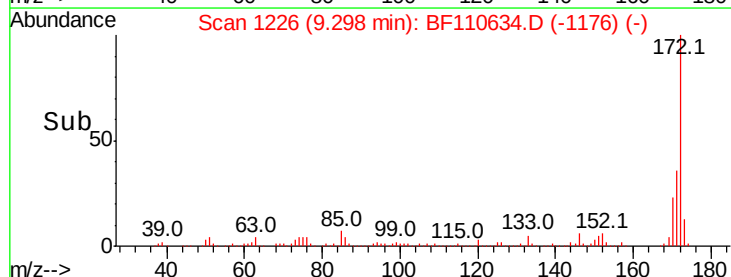
170 23.4 19.7 29.5

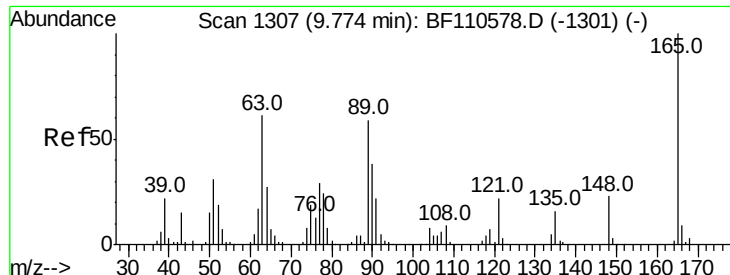


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

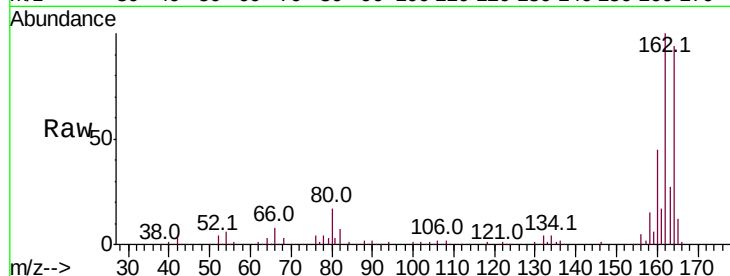




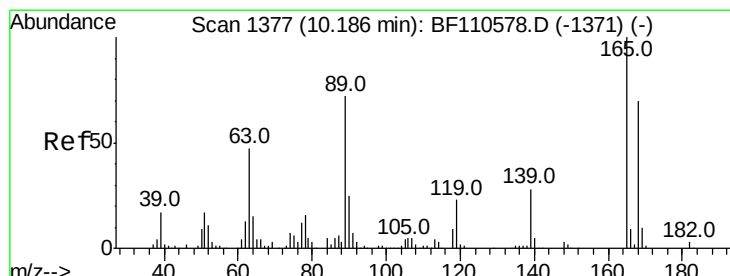
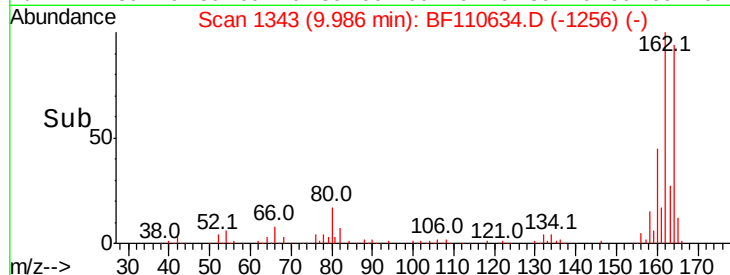
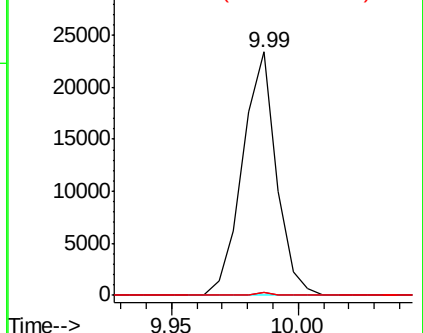
#51
 2,6-Dinitrotoluene
 Concen: 7.753 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110634.D
 Acq: 9 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.4	46.6	69.8#

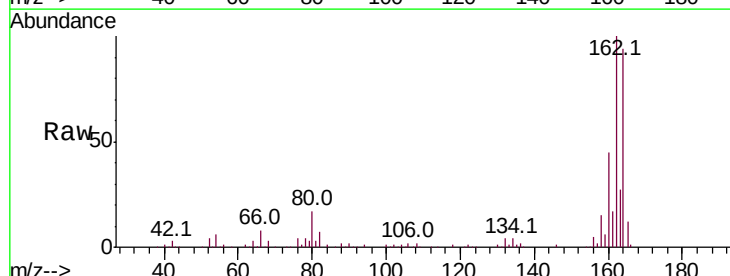


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

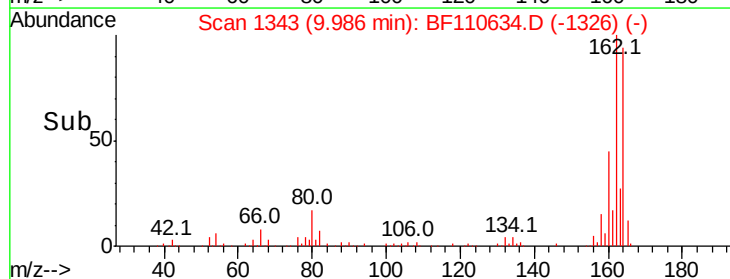
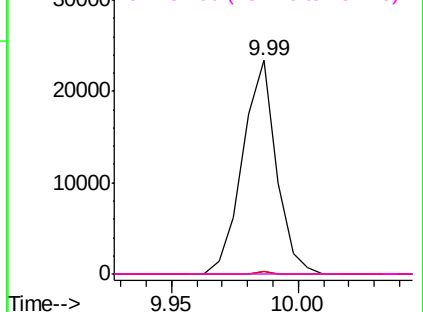


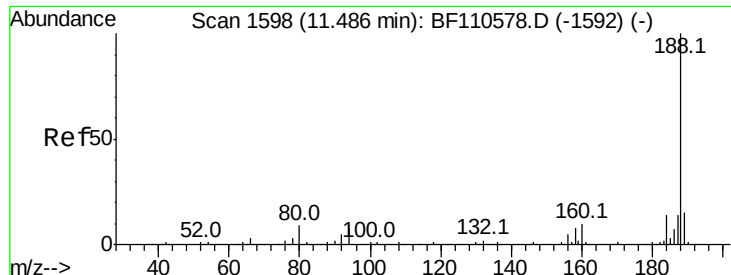
#57
 2,4-Dinitrotoluene
 Concen: 5.963 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110634.D
 Acq: 9 Nov 2018 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.4	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

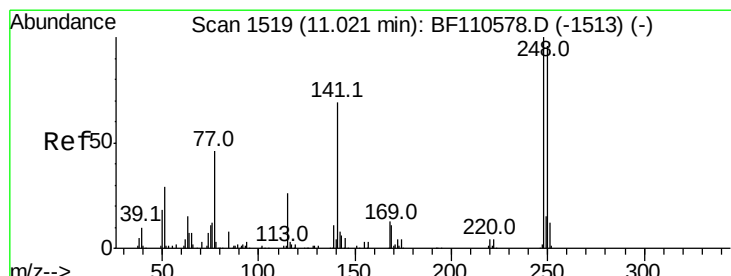
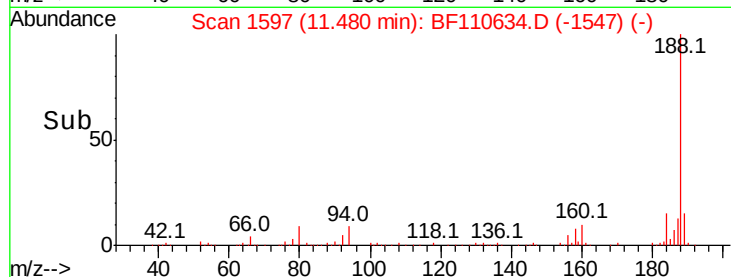
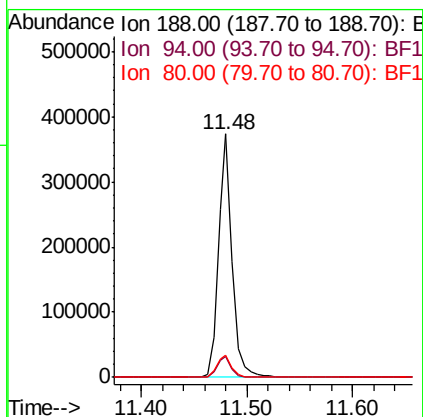
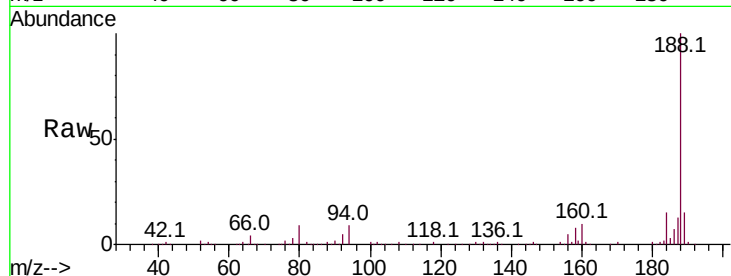




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110634.D
 Acq: 9 Nov 2018 18:25

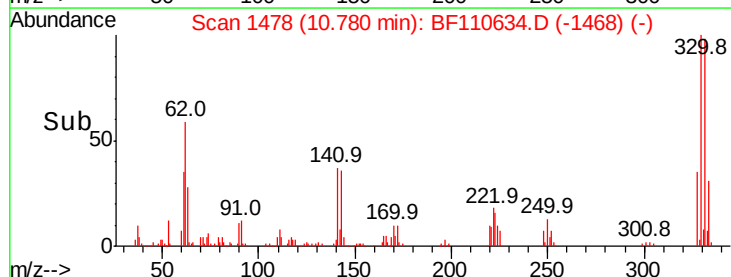
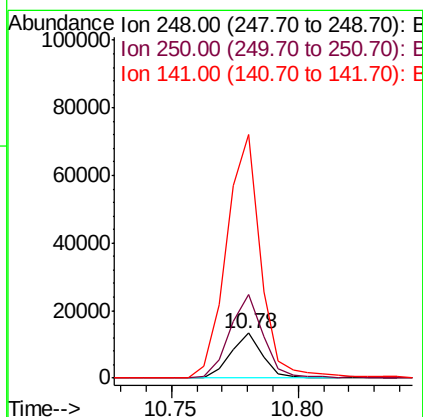
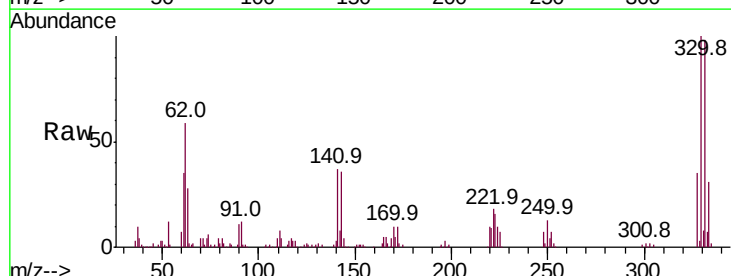
Instrument :
 BNA_F
 ClientSampled :

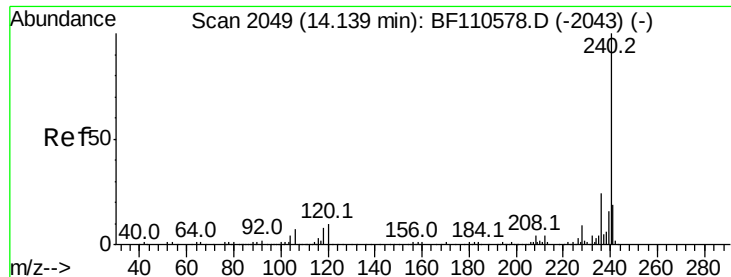
Tot Ion:188 Resp: 340784
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 9.3 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.107 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110634.D
 Acq: 9 Nov 2018 18:25

Tgt Ion:248 Resp: 11701
 Ion Ratio Lower Upper
 248 100
 250 186.5 79.4 119.2#
 141 541.5 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

Instrument :

BNA_F

ClientSampleId :

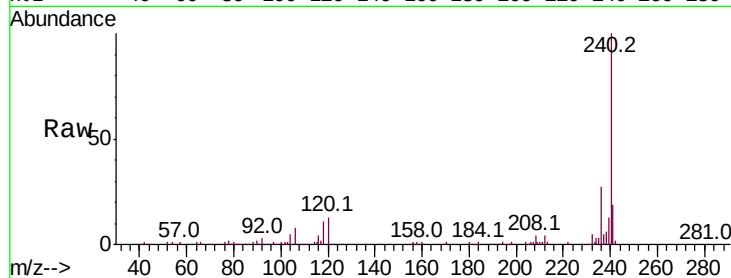
Tot Ion:240 Resp: 269380

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

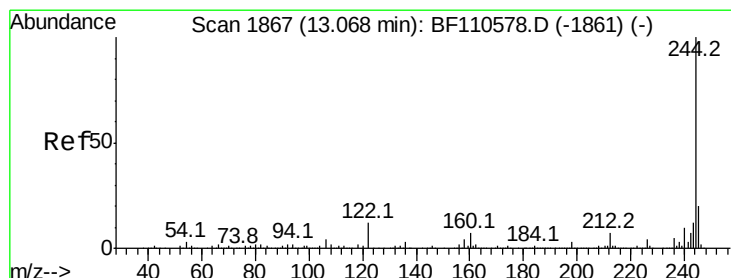
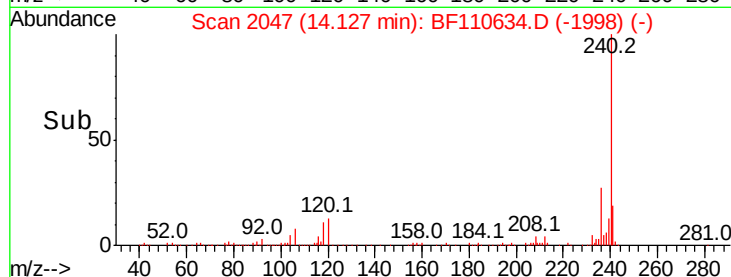
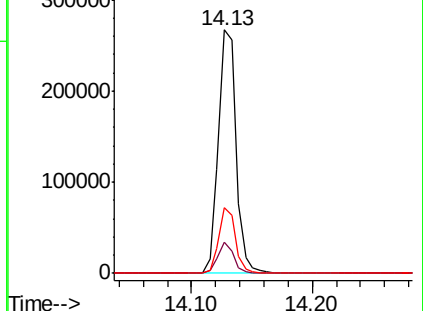
236 26.9 21.2 31.8



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: 76.940 ng

RT: 13.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BF110634.D

Acq: 9 Nov 2018 18:25

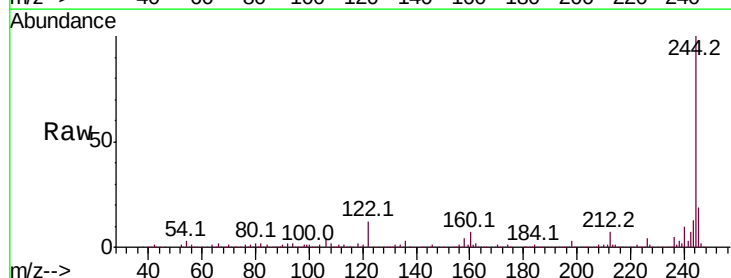
Tgt Ion:244 Resp: 1106709

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

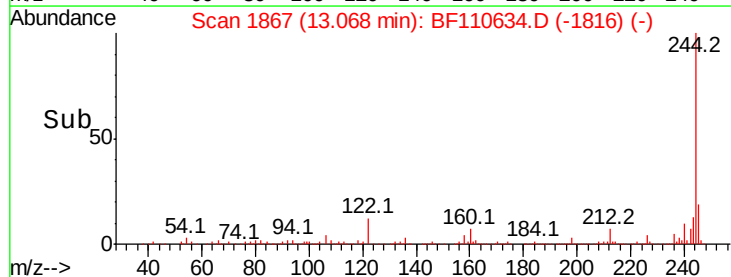
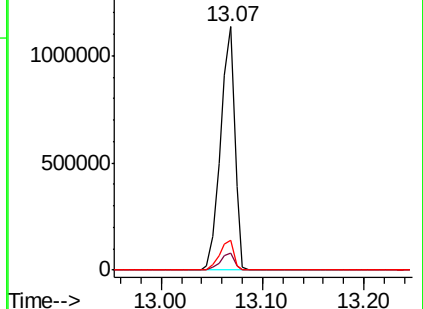
122 12.2 8.7 13.1

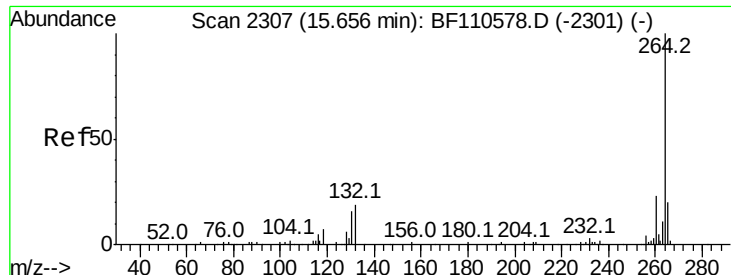


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

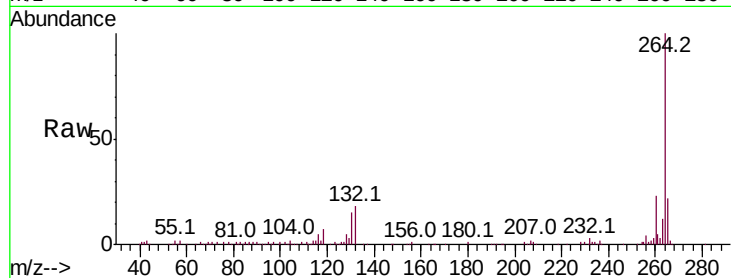




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110634.D
 Acq: 9 Nov 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.6	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

