

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111085.D
 Acq On : 29 Nov 2018 10:39
 Operator : JU/SJ
 Sample : J6078-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 11:32:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	47829	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	200784	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	86335	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	139501	20.00	ng	0.00
76) Chrysene-d12	14.13	240	110209	20.00	ng	0.00
87) Perylene-d12	15.66	264	84011	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	136587	47.36	ng	0.00
7) Phenol-d6	6.57	99	103849	27.63	ng	0.00
23) Nitrobenzene-d5	7.50	82	368625	105.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	77979	90.95	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	668206	112.13	ng	0.00
79) Terphenyl-d14	13.05	244	513465	90.69	ng	0.00

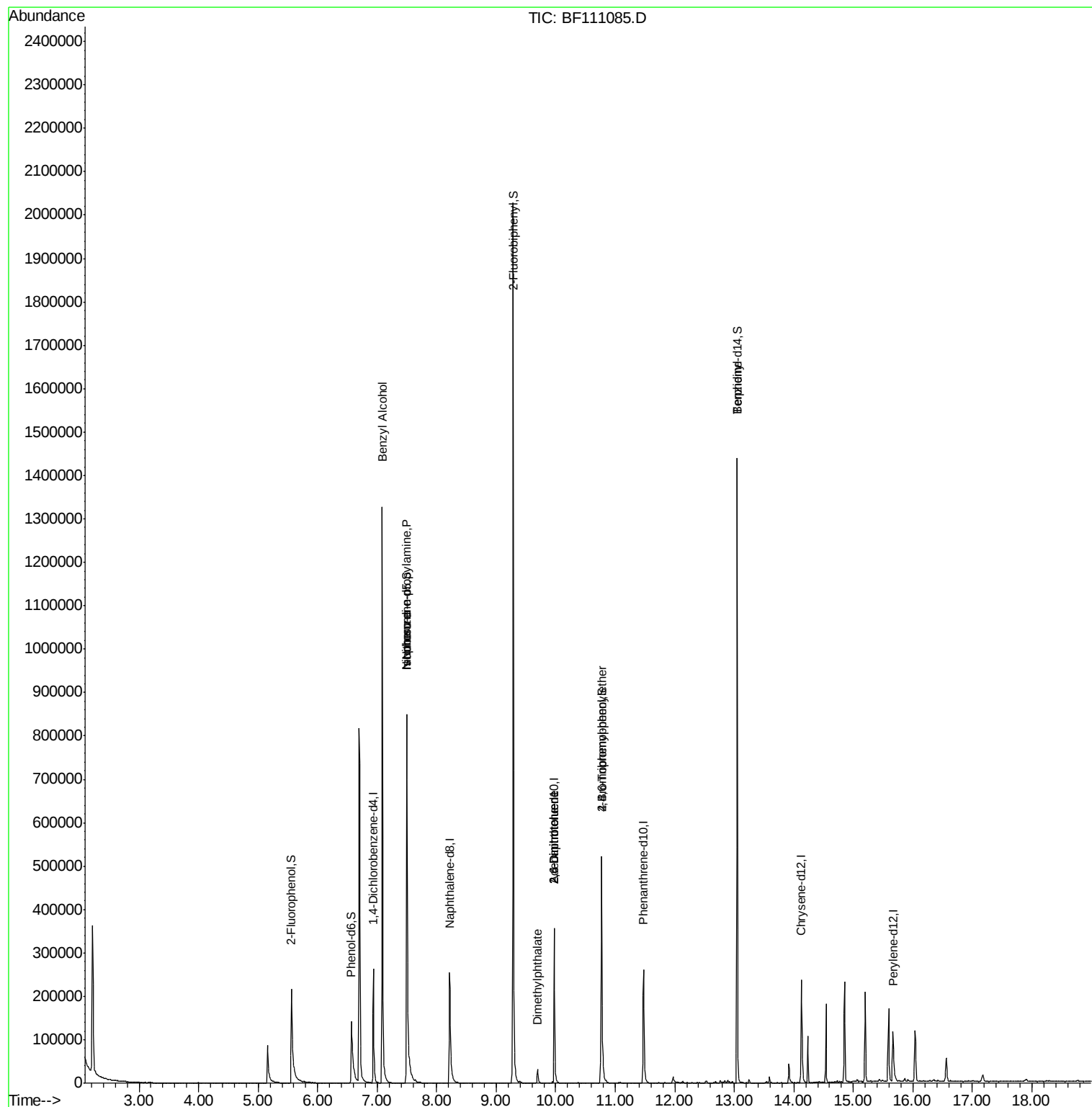
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.09	79	5863	2.030	ng	# 49
19) n-Nitroso-di-n-propylamine	7.50	70	47073	19.227	ng	# 82
25) Isophorone	7.50	82	368625	64.054	ng	# 67
50) Dimethylphthalate	9.69	163	20702	3.270	ng	# 99
51) 2,6-Dinitrotoluene	9.97	165	10531	7.471	ng	# 21
57) 2,4-Dinitrotoluene	9.97	165	10531	5.758	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4602	3.029	ng	# 1
77) Benzidine	13.05	184	6905	2.450	ng	# 95

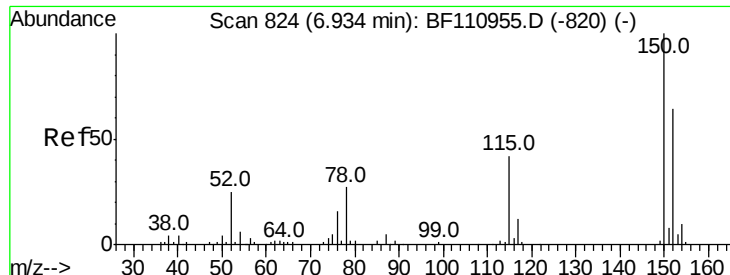
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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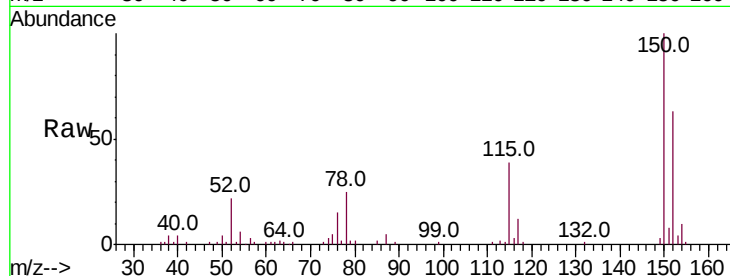


#1

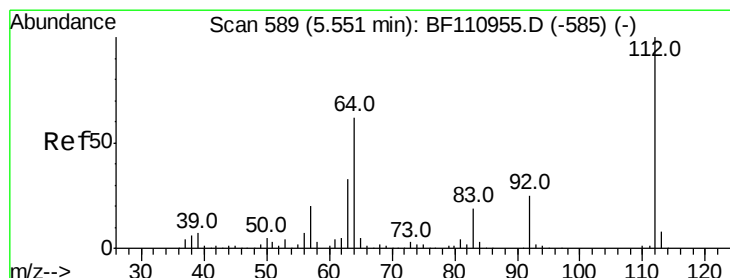
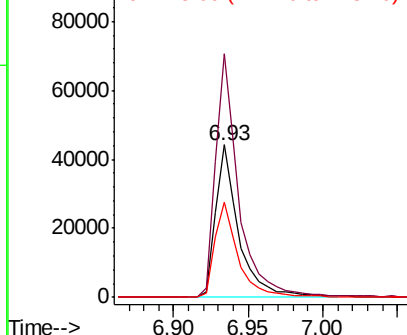
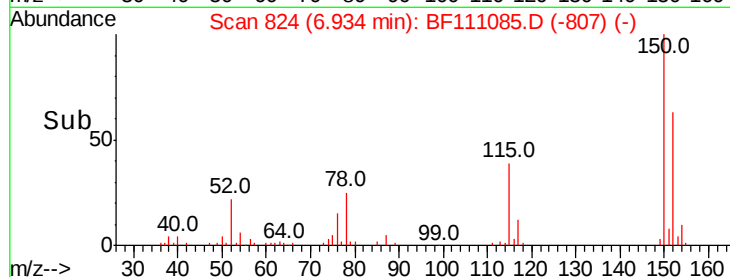
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47829
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 62.5 49.1 73.7



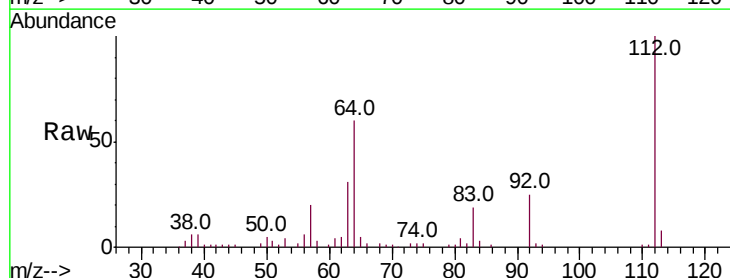
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



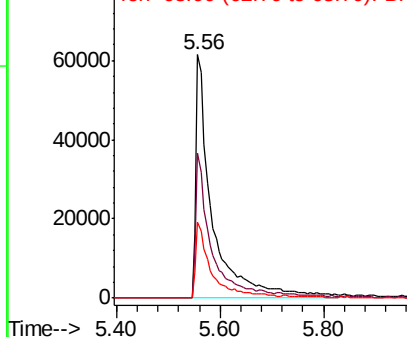
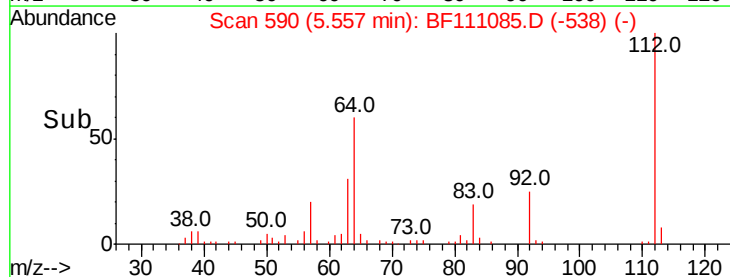
#5

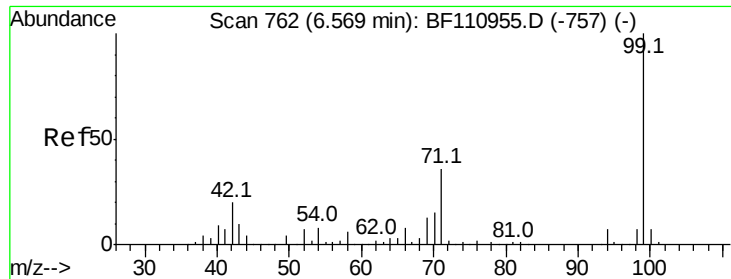
2-Fluorophenol
Concen: 47.357 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Tgt Ion:112 Resp: 136587
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 31.3 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: 27.630 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

Instrument :

BNA_F

ClientSampleId :

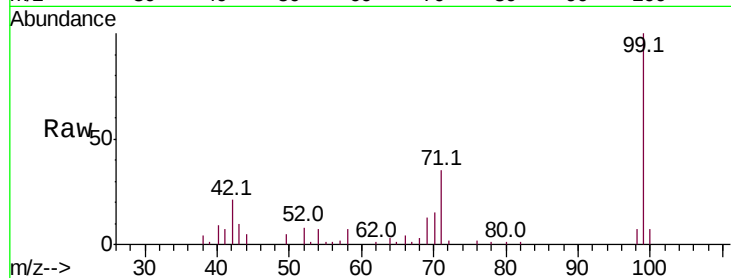
Tot Ion: 99 Resp: 103849

Ion Ratio Lower Upper

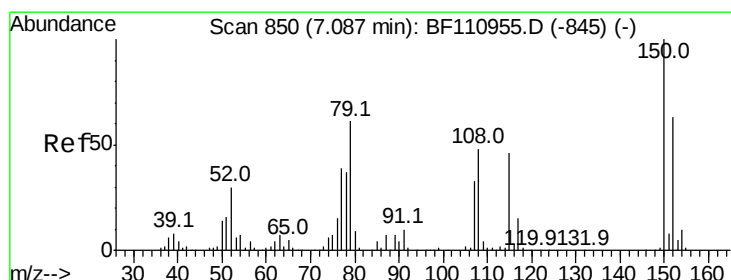
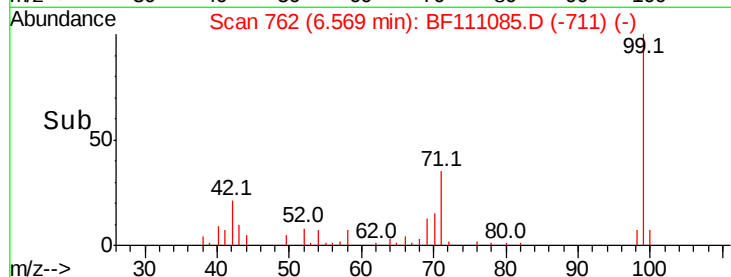
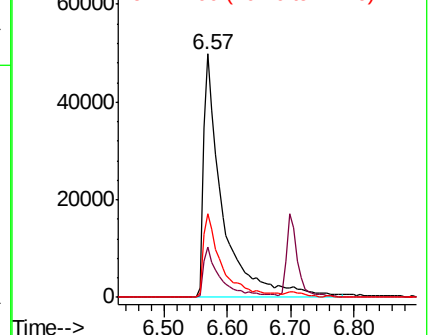
99 100

42 20.9 15.8 23.6

71 34.5 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



#15

Benzyl Alcohol

Concen: 2.030 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

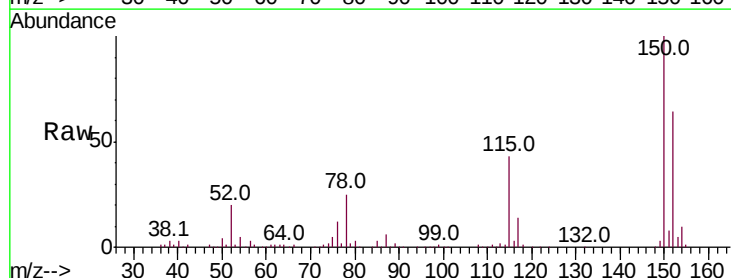
Tgt Ion: 79 Resp: 5863

Ion Ratio Lower Upper

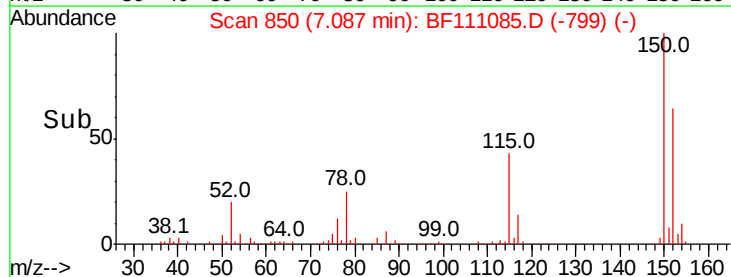
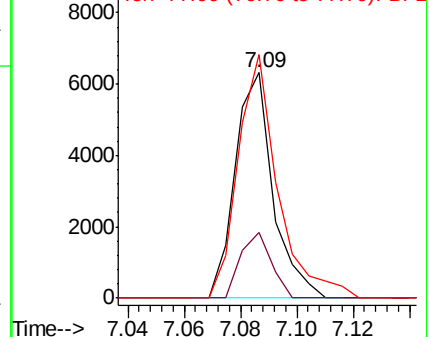
79 100

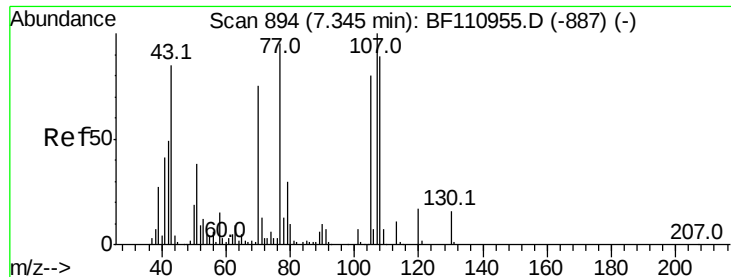
108 29.1 56.3 84.5#

77 108.0 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

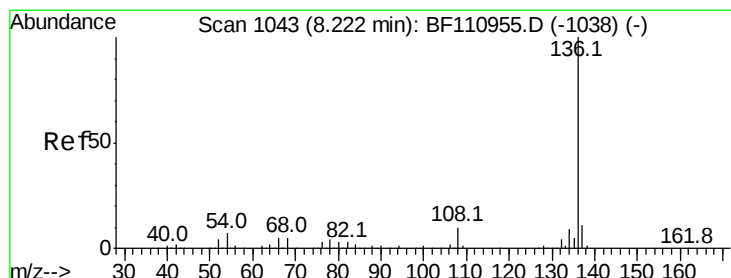
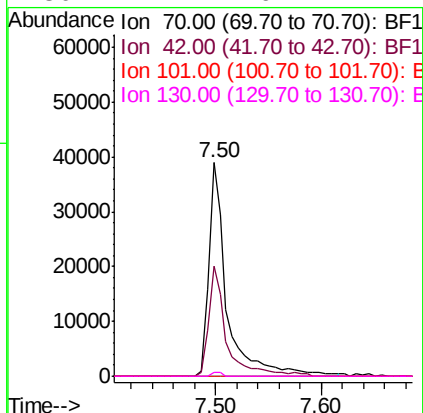
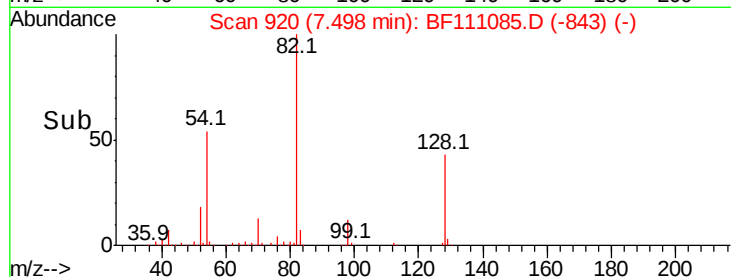
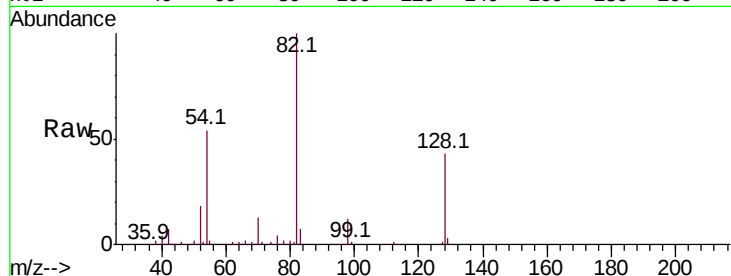




#19
n-Nitroso-di-n-propylamine
Concen: 19.227 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.15 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

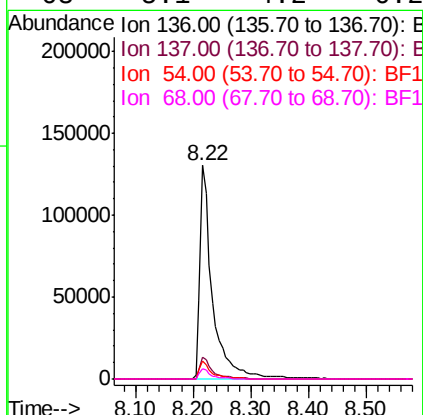
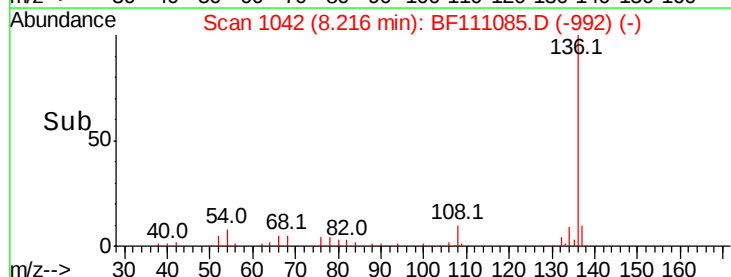
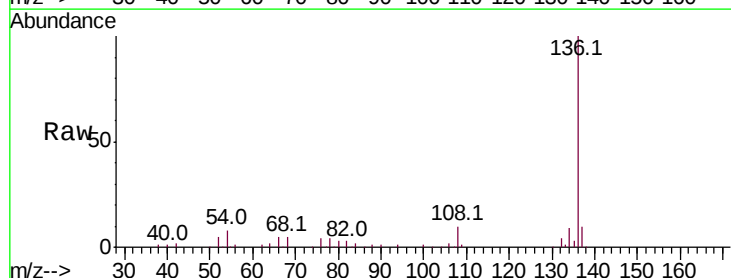
Instrument :
BNA_F
ClientSampled :

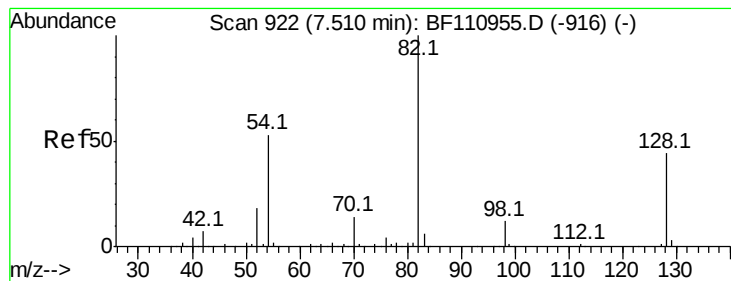
Tot Ion: 70 Resp: 47073
Ion Ratio Lower Upper
70 100
42 51.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Tgt Ion: 136 Resp: 200784
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.4 5.4 8.2#
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 105.071 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

Instrument :

BNA_F

ClientSampled :

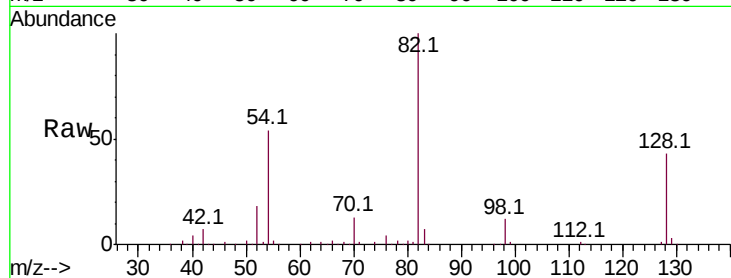
Tot Ion: 82 Resp: 368625

Ion Ratio Lower Upper

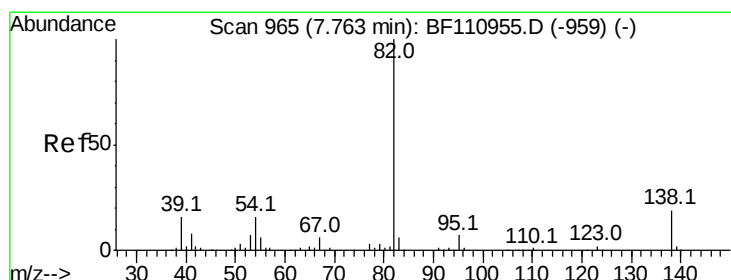
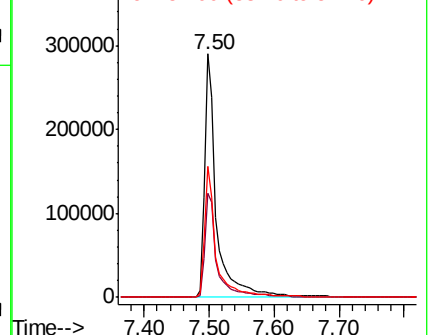
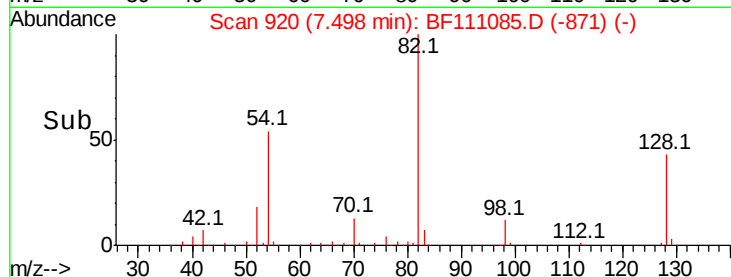
82 100

128 42.8 34.2 51.2

54 53.9 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: 64.054 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.26 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

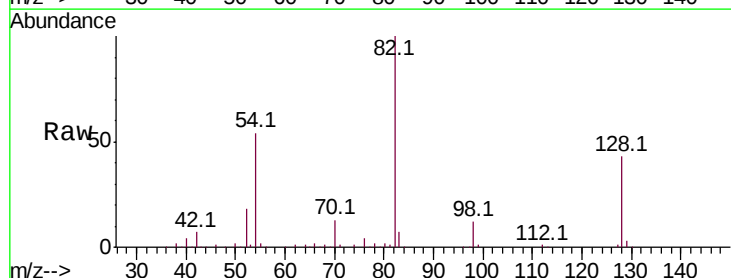
Tgt Ion: 82 Resp: 368625

Ion Ratio Lower Upper

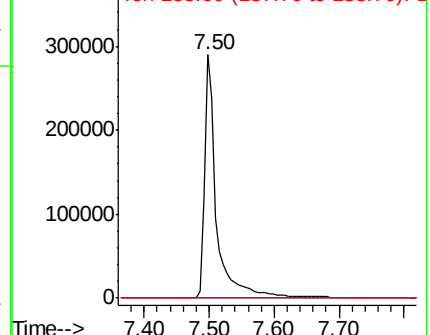
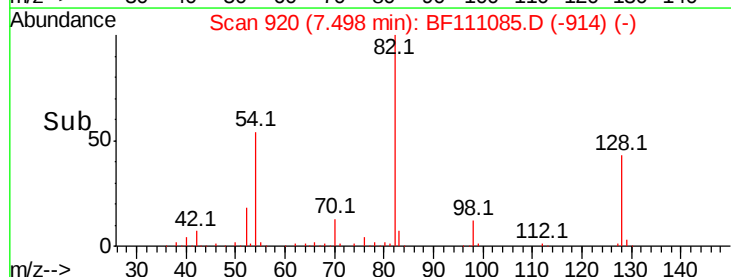
82 100

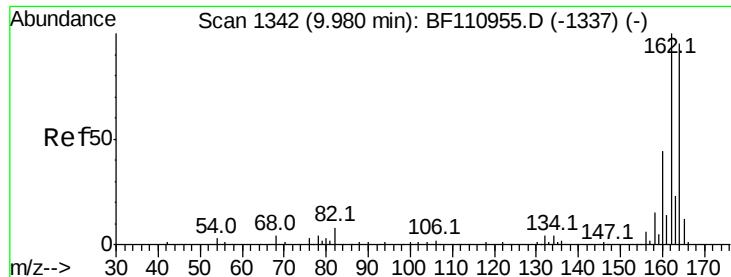
95 0.0 5.7 8.5#

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

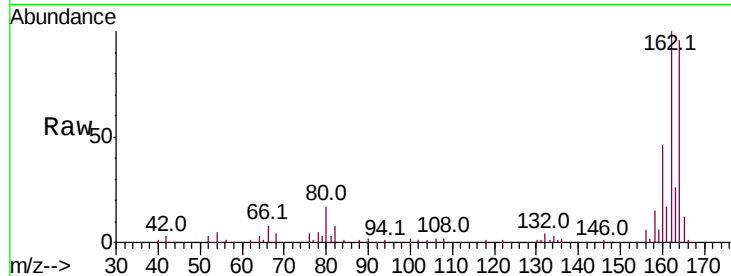




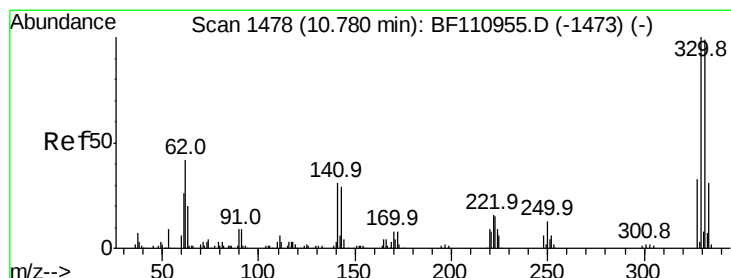
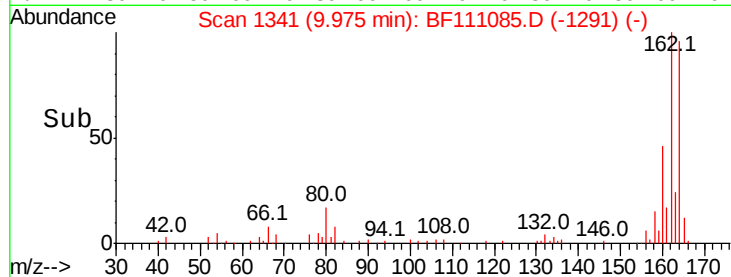
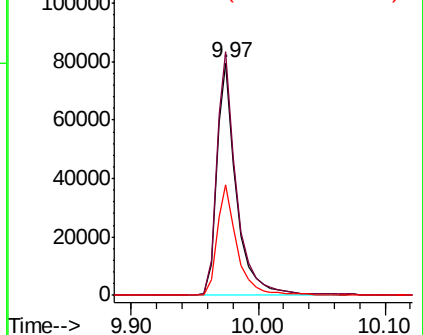
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 86335
Ion Ratio Lower Upper
164 100
162 104.6 83.0 124.6
160 47.7 37.0 55.6

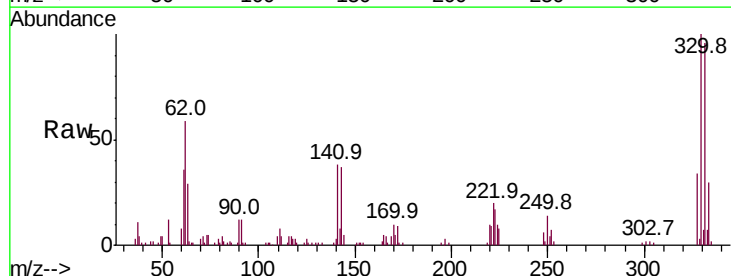


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

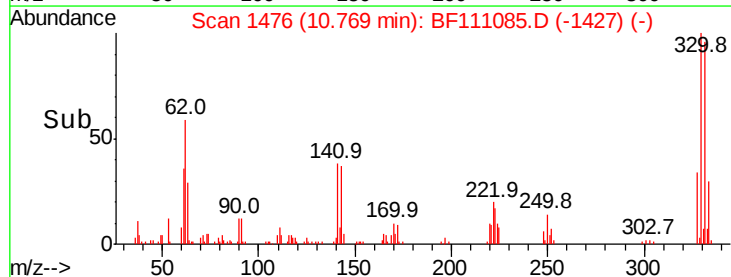
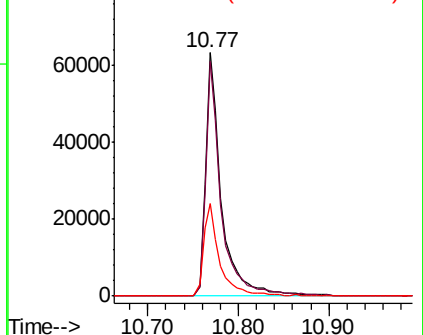


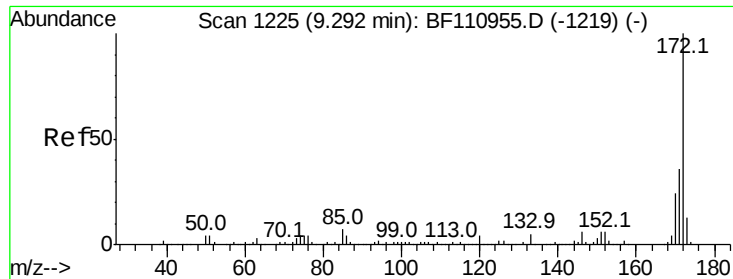
#42
2,4,6-Tribromophenol
Concen: 90.946 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Tgt Ion:330 Resp: 77979
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 37.7 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

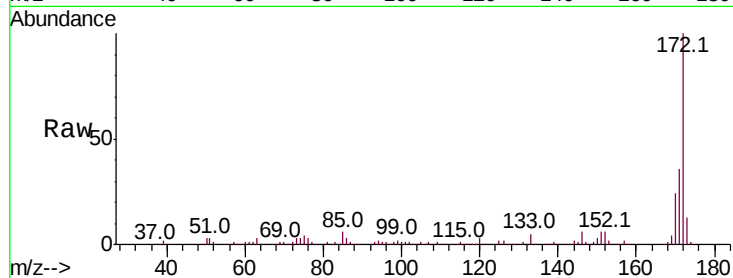




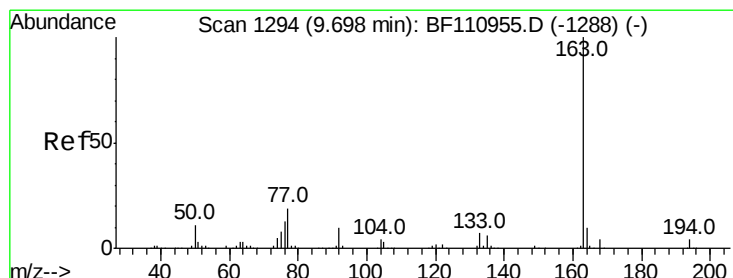
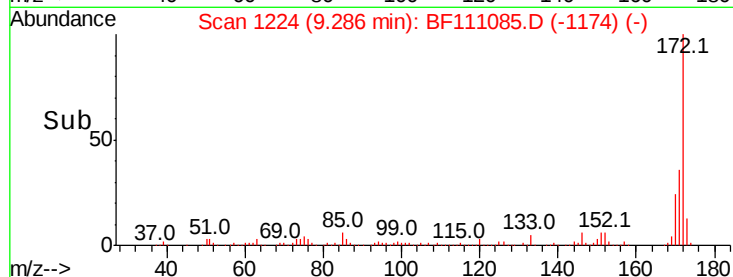
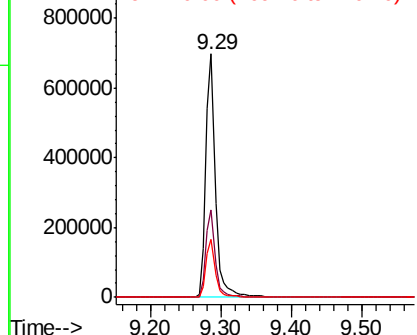
#45
 2-Fluorobiphenyl
 Concen: 112.131 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111085.D
 Acq: 29 Nov 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 668206
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.0 19.7 29.5

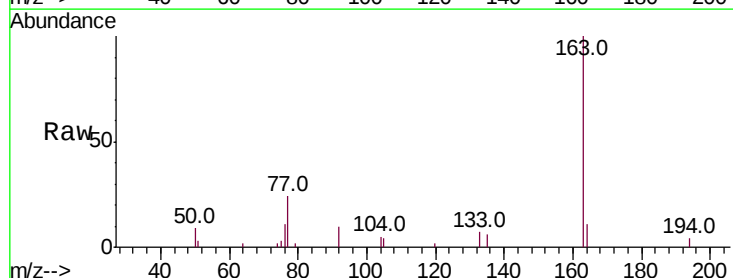


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

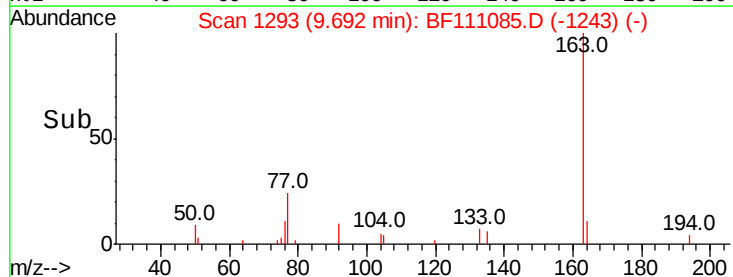
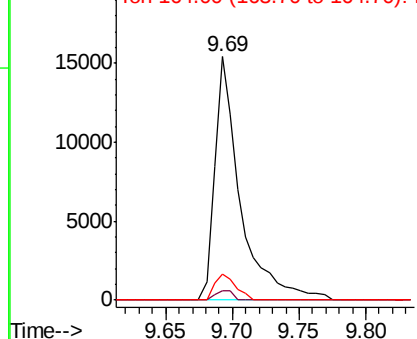


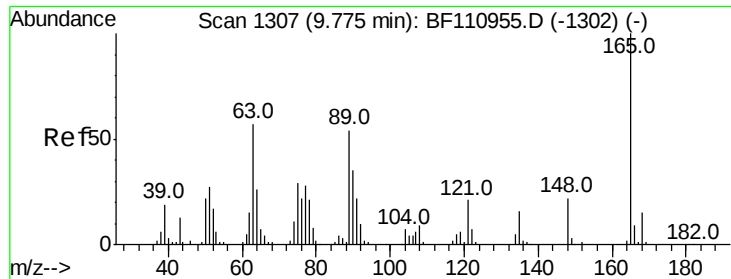
#50
 Dimethylphthalate
 Concen: 3.270 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF111085.D
 Acq: 29 Nov 2018 10:39

Tgt Ion:163 Resp: 20702
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.2 4.8
 164 10.8 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: 7.471 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.20 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

Instrument :

BNA_F

ClientSampleId :

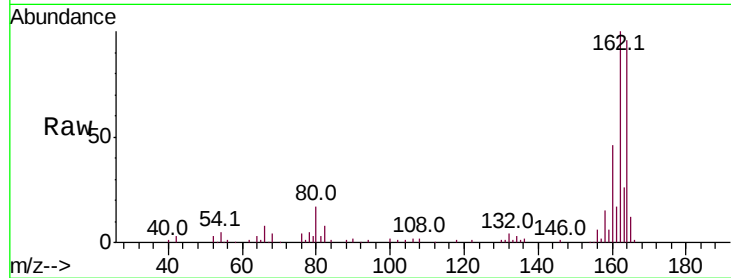
Tot Ion:165 Resp: 10531

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

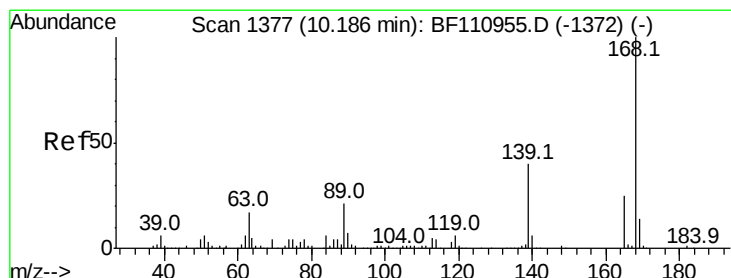
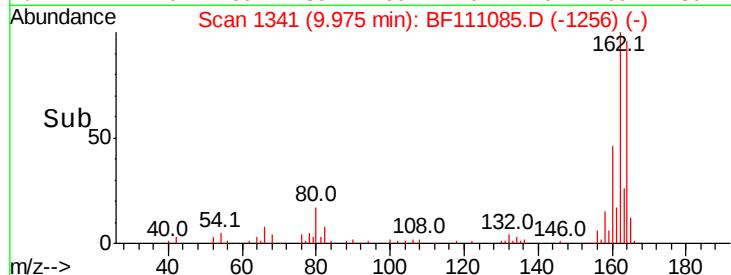
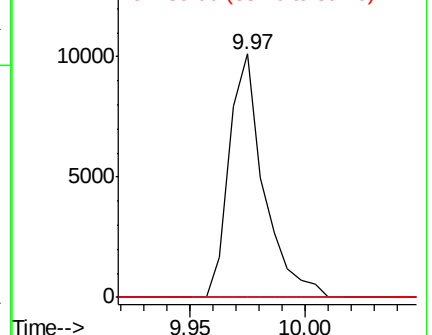
89 0.0 46.6 69.8#



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: 5.758 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.21 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

Tgt Ion:165 Resp: 10531

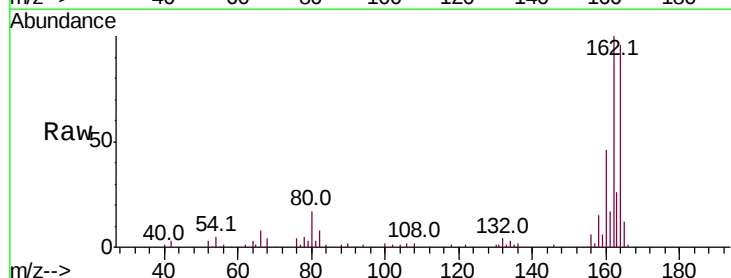
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

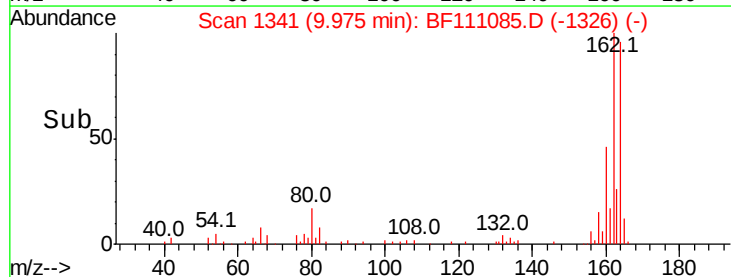
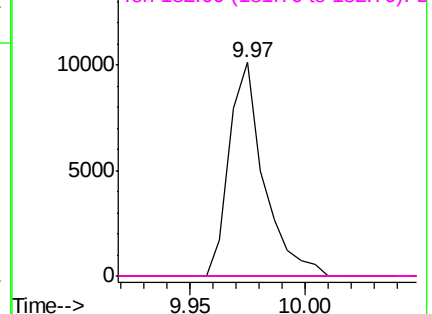


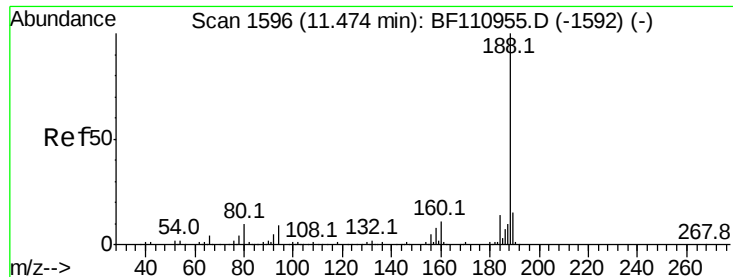
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

Instrument :

BNA_F

ClientSampled :

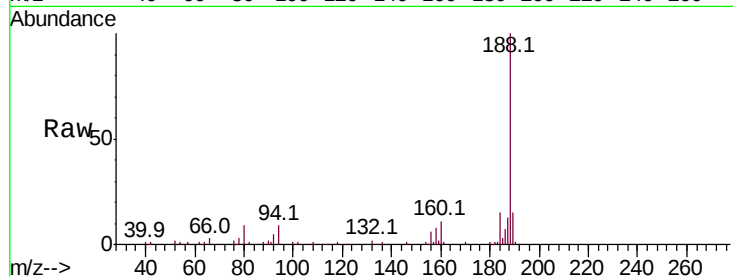
Tot Ion:188 Resp: 139501

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

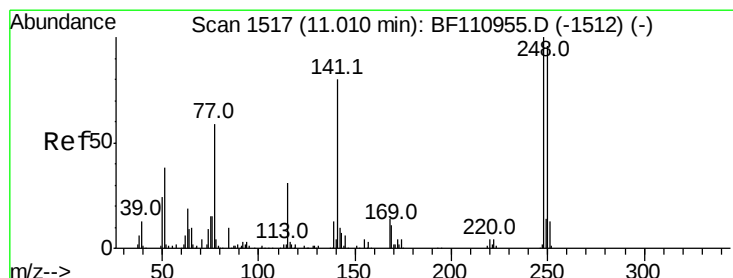
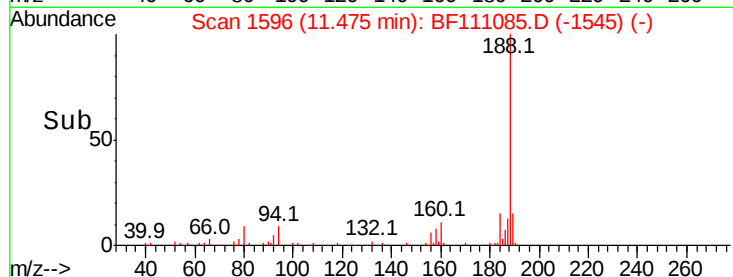
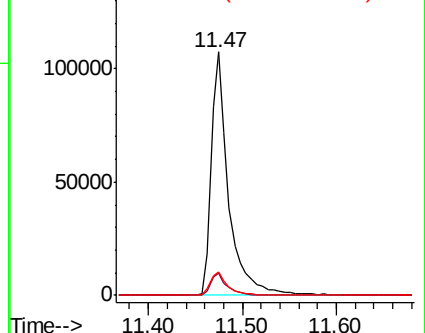
80 9.4 7.9 11.9



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: 3.029 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.24 min

Lab File: BF111085.D

Acq: 29 Nov 2018 10:39

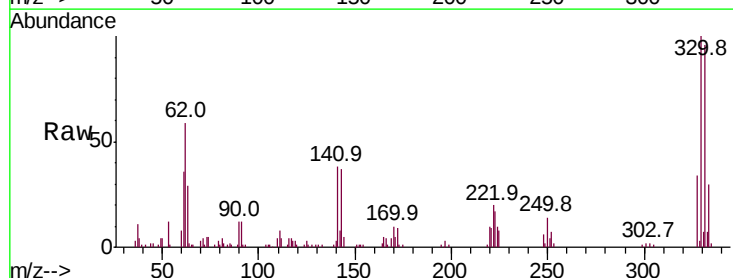
Tgt Ion:248 Resp: 4602

Ion Ratio Lower Upper

248 100

250 212.9 79.4 119.2#

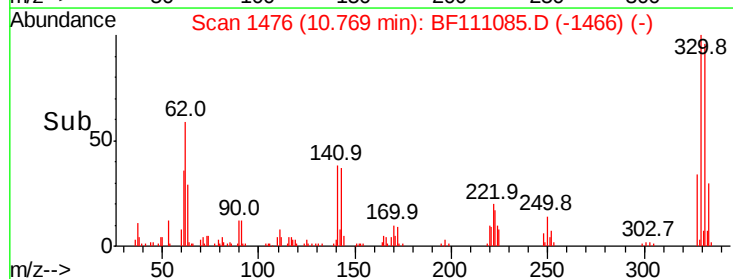
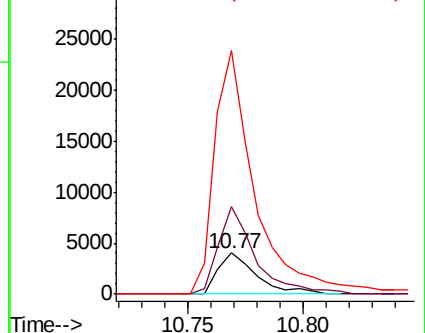
141 593.7 55.9 83.9#

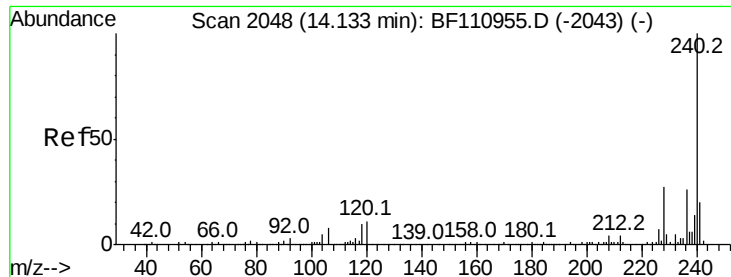


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

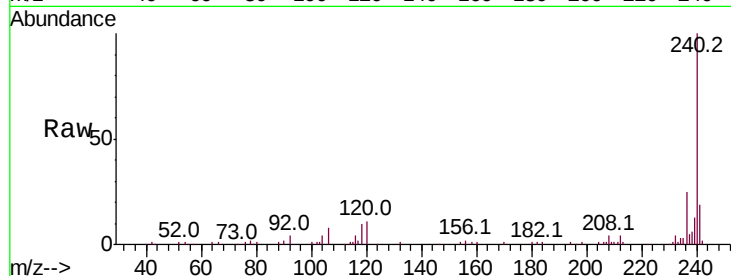




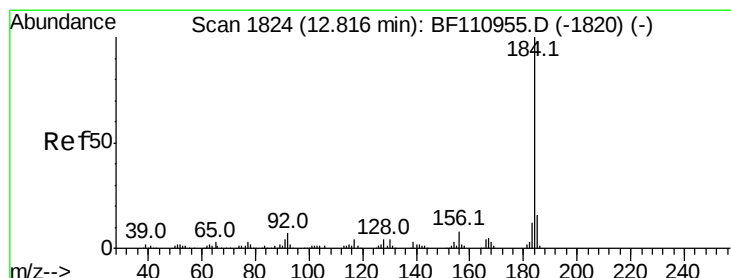
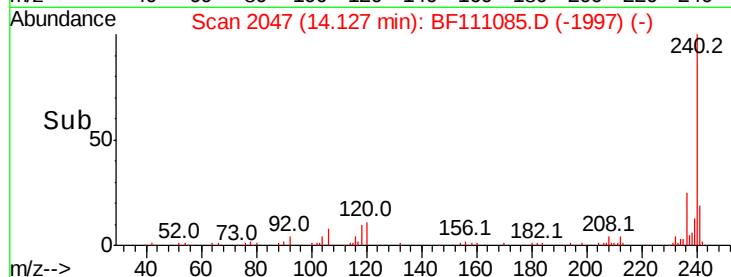
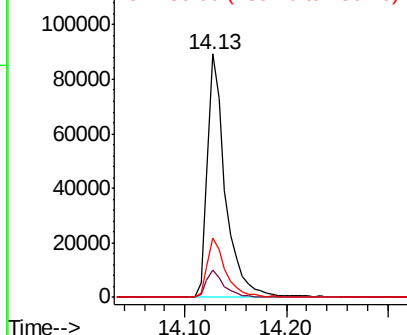
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 110209
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.6 21.2 31.8

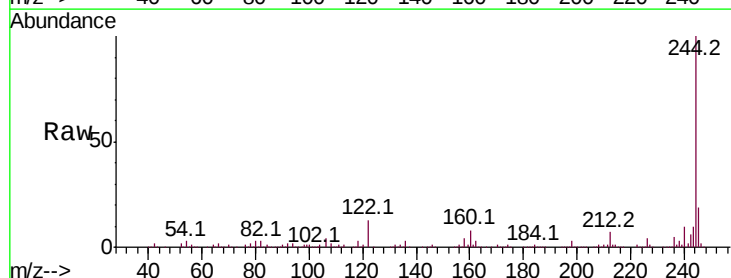


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

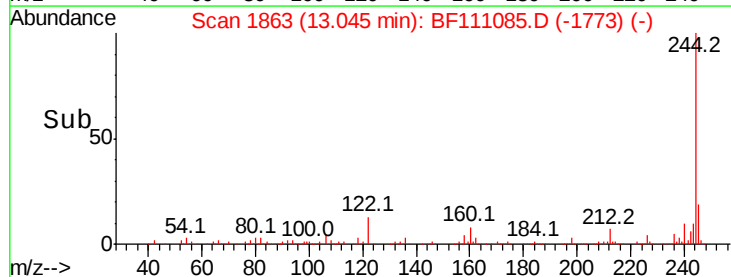
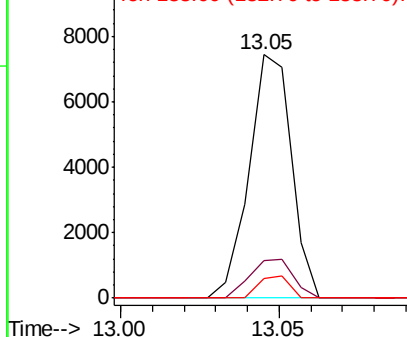


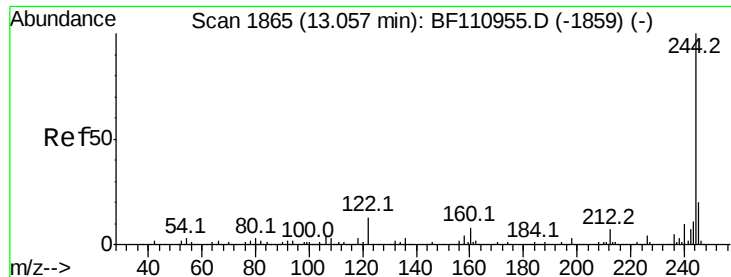
#77
Benzidine
Concen: 2.450 ng
RT: 13.05 min Scan# 1863
Delta R.T. 0.23 min
Lab File: BF111085.D
Acq: 29 Nov 2018 10:39

Tgt Ion:184 Resp: 6905
Ion Ratio Lower Upper
184 100
185 15.6 13.4 20.2
183 8.2 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

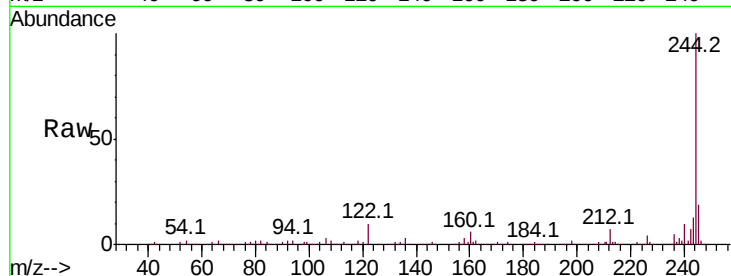




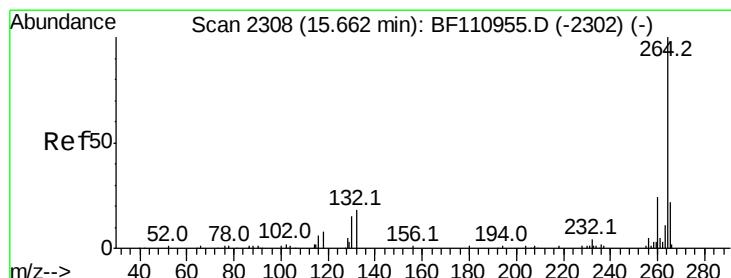
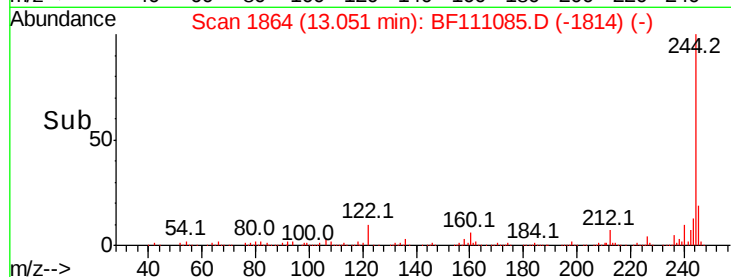
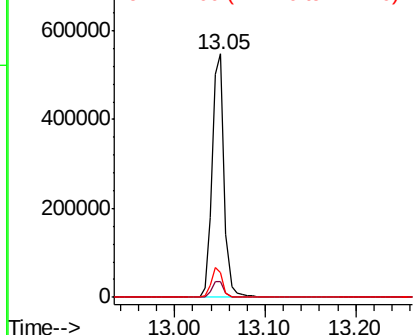
#79
 Terphenyl-d14
 Concen: 90.694 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF111085.D
 Acq: 29 Nov 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 513465
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.1 8.7 13.1

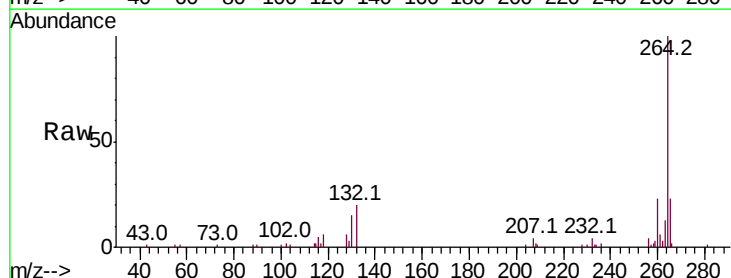


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BF111085.D
 Acq: 29 Nov 2018 10:39

Tgt Ion:264 Resp: 84011
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 22.9 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

