

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111026.D
 Acq On : 27 Nov 2018 23:46
 Operator : JU/SJ
 Sample : J6030-02REDL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 28 03:15:48 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	6.94	152	52892	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	197034	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	83592	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	159759	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129059	20.00	ng	0.00
87) Perylene-d12	15.67	264	82037	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	20346	6.38	ng	0.03
7) Phenol-d6	6.60	99	17764	4.27	ng	0.03
23) Nitrobenzene-d5	7.52	82	23365	6.79	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	7671	9.24	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	41802	7.24	ng	0.00
79) Terphenyl-d14	13.06	244	47773	7.21	ng	0.00

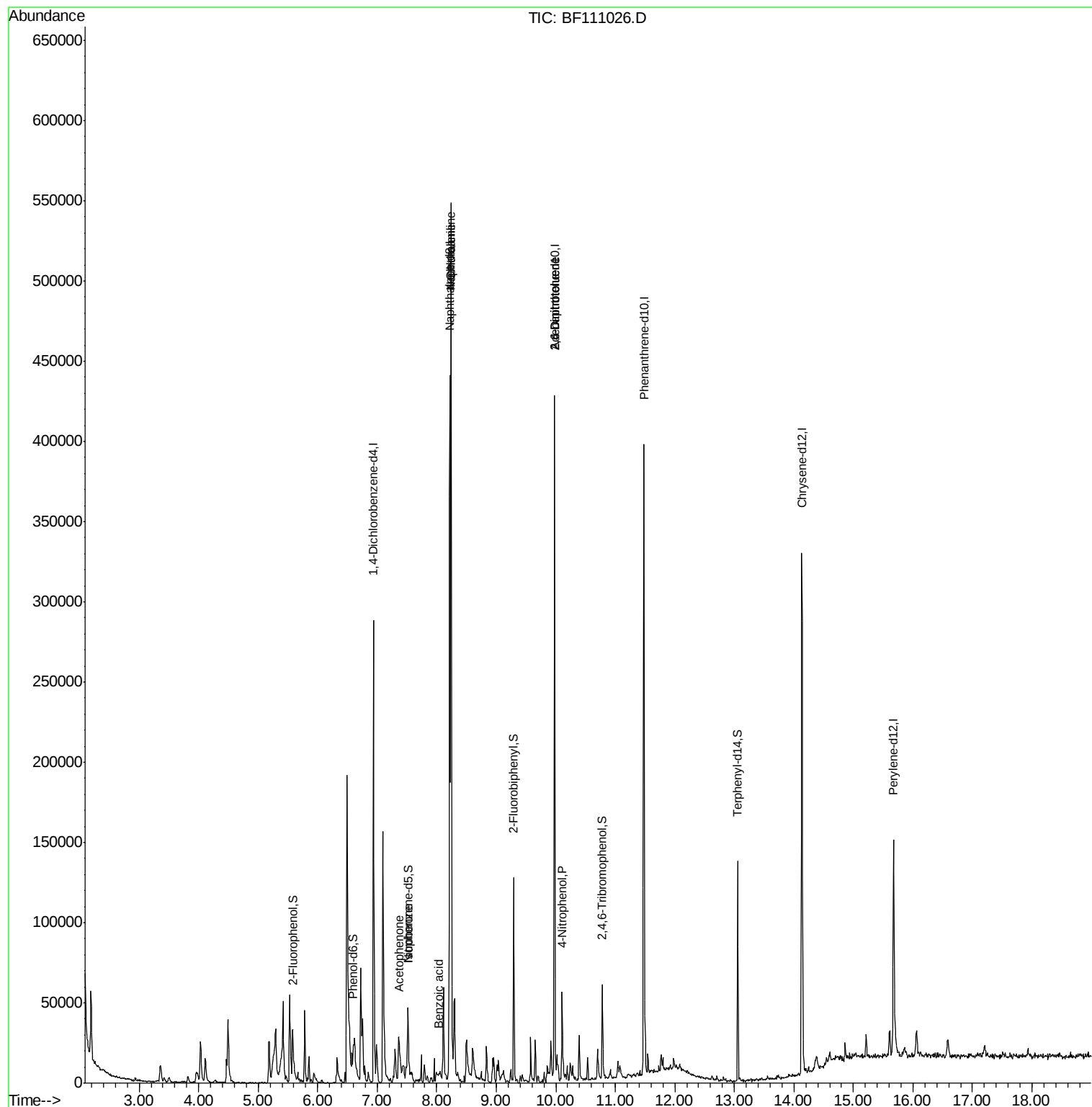
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	363	Below Cal		# 1
22) Acetophenone	7.36	105	15757	3.412	ng	# 97
25) Isophorone	7.52	82	23365	4.137	ng	# 67
31) Naphthalene	8.24	128	261229	28.284	ng	# 100
32) Benzoic acid	8.03	122	5336	2.732	ng	# 49
33) 4-Chloroaniline	8.24	127	32808	8.346	ng	# 33
51) 2,6-Dinitrotoluene	9.98	165	10265	7.521	ng	# 23
56) 4-Nitrophenol	10.10	139	121	4.367	ng	# 1
57) 2,4-Dinitrotoluene	9.98	165	10265	5.797	ng	# 19

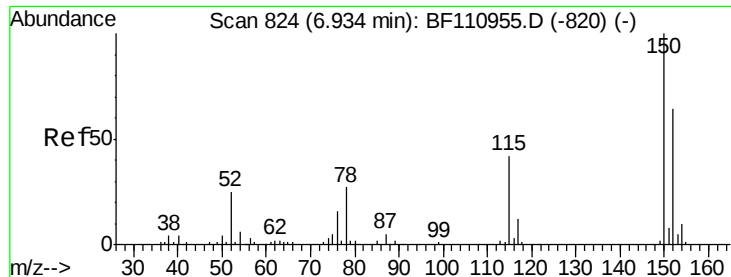
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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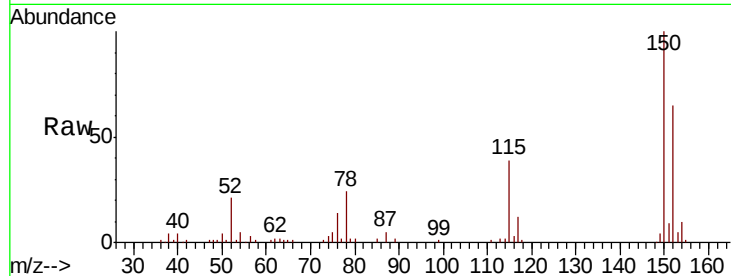




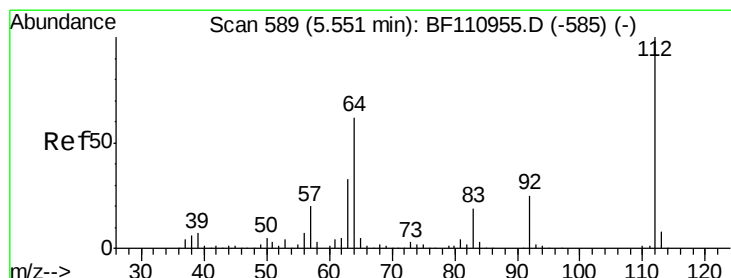
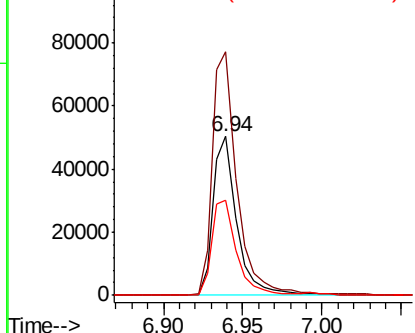
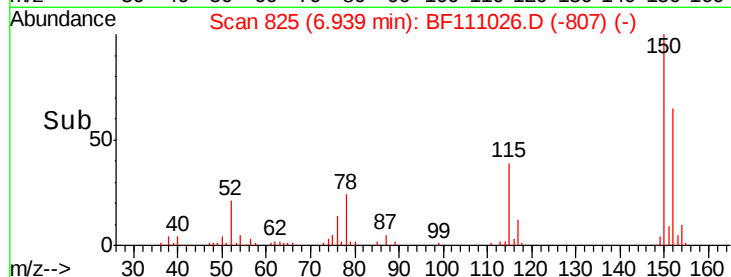
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111026.D
 Acq: 27 Nov 2018 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 52892
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.7 184.1
 115 60.3 49.1 73.7

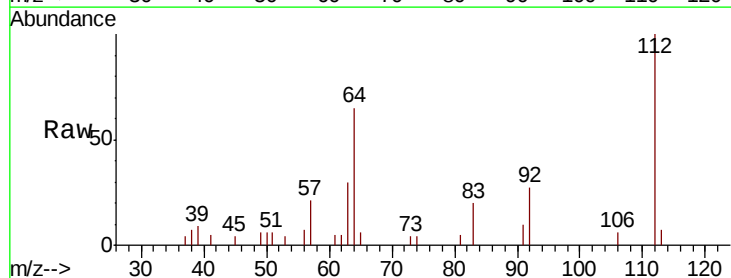


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

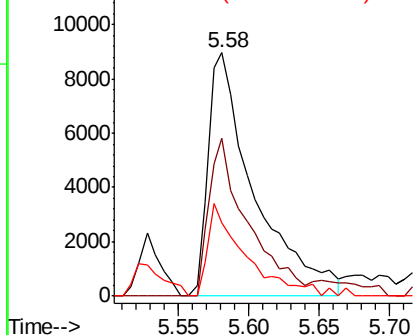
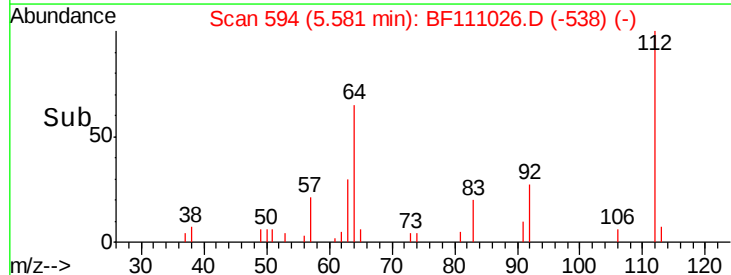


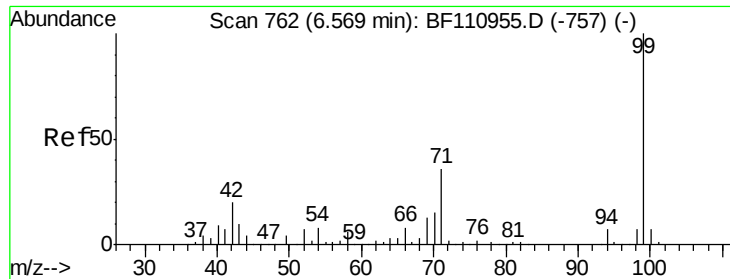
#5
 2-Fluorophenol
 Concen: 6.379 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.03 min
 Lab File: BF111026.D
 Acq: 27 Nov 2018 23:46

Tgt Ion:112 Resp: 20346
 Ion Ratio Lower Upper
 112 100
 64 64.9 44.1 66.1
 63 30.3 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: 4.274 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.03 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

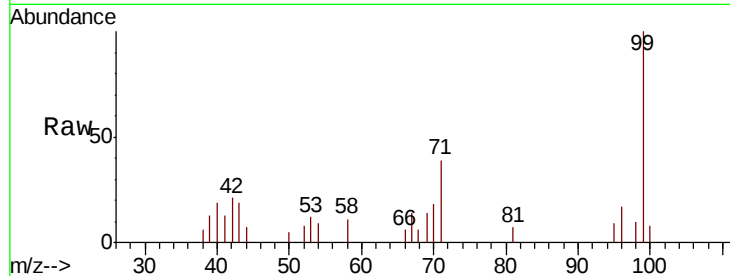
Tgt Ion: 99 Resp: 17764

Ion Ratio Lower Upper

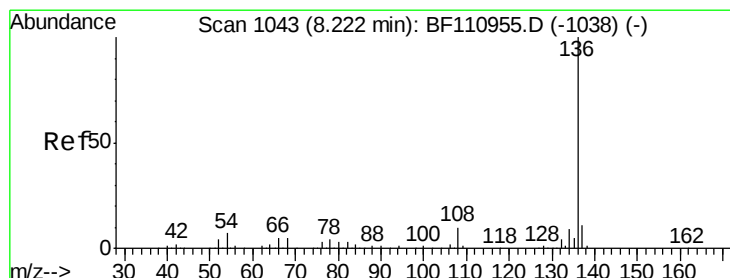
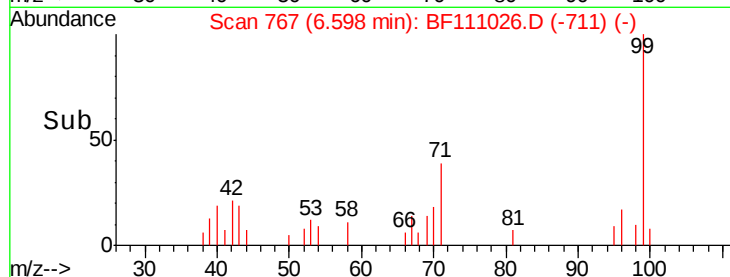
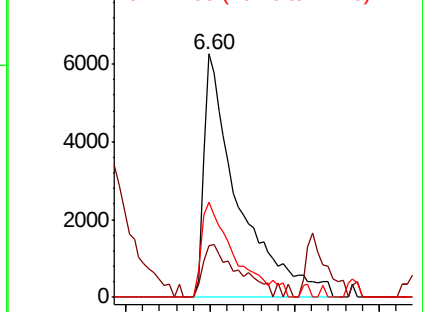
99 100

42 21.4 15.8 23.6

71 38.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Tgt Ion: 136 Resp: 197034

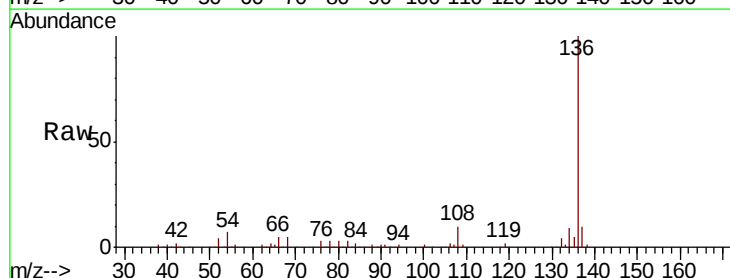
Ion Ratio Lower Upper

136 100

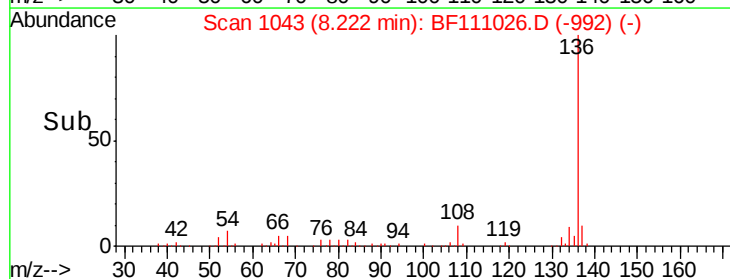
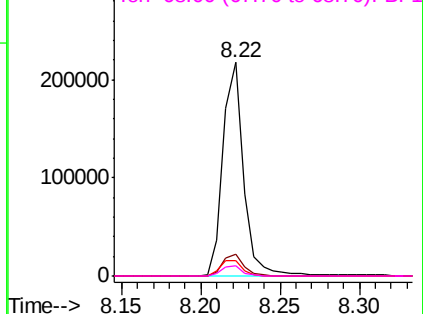
137 10.1 8.8 13.2

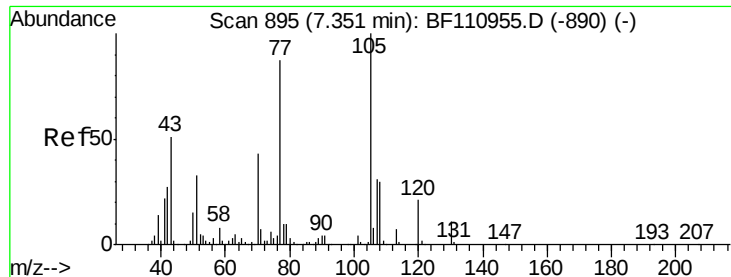
54 7.3 5.4 8.2

68 4.7 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

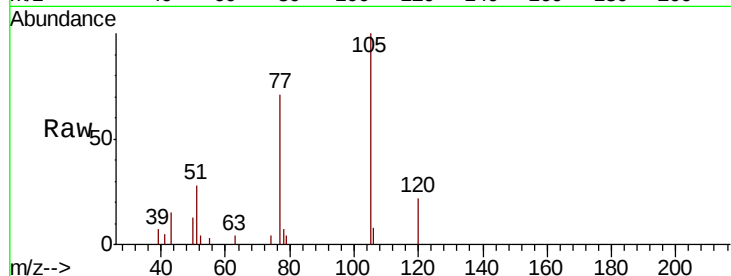




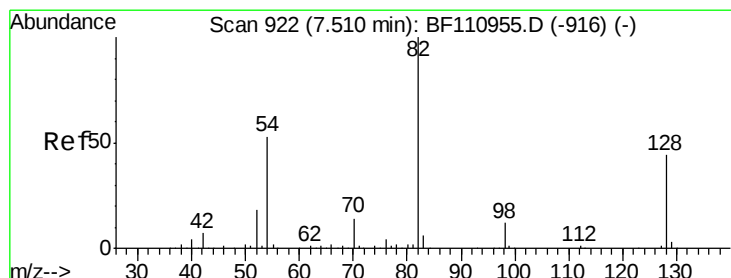
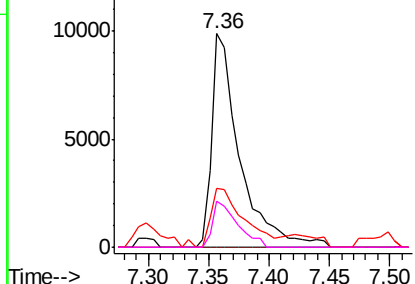
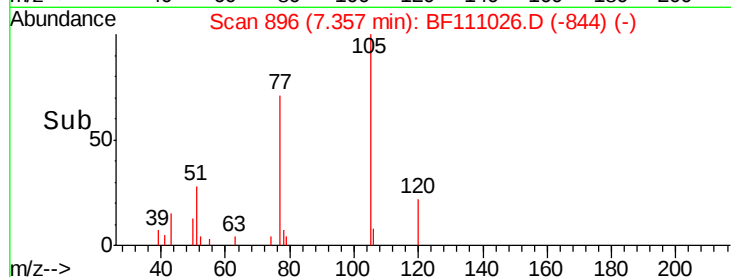
#22
Acetophenone
Concen: 3.412 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 105 Resp: 15757
Ion Ratio Lower Upper
105 100
71 0.0 5.2 7.8#
51 27.7 21.8 32.8
120 21.9 17.0 25.4

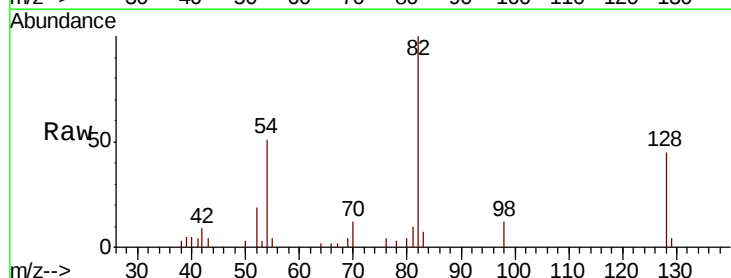


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

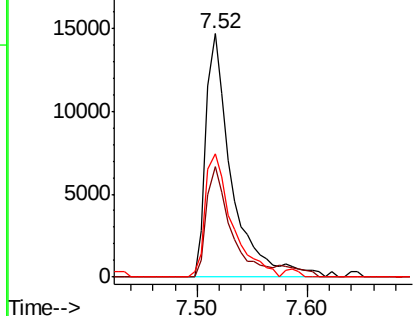
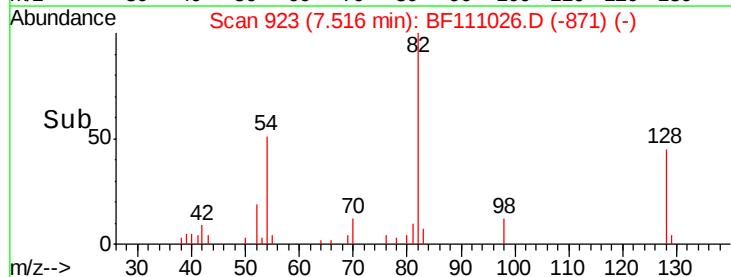


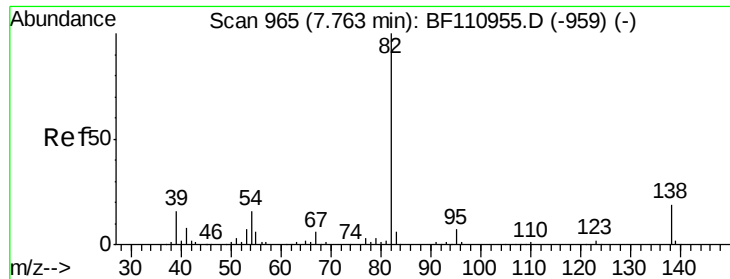
#23
Nitrobenzene-d5
Concen: 6.787 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion: 82 Resp: 23365
Ion Ratio Lower Upper
82 100
128 45.2 34.2 51.2
54 50.9 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

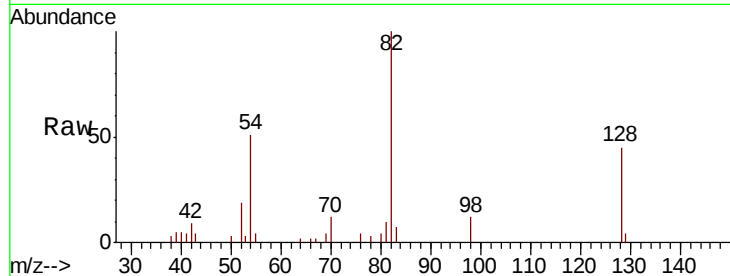




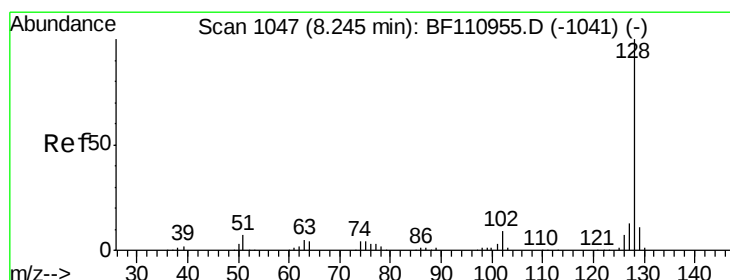
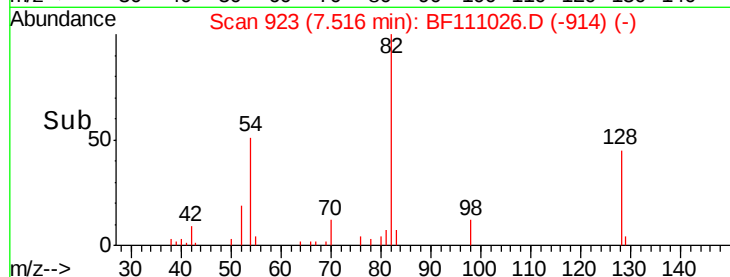
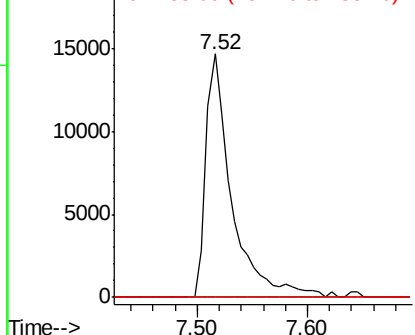
#25
Isophorone
Concen: 4.137 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.25 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 23365
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

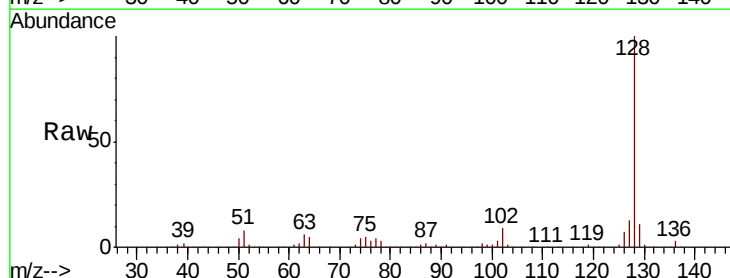


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

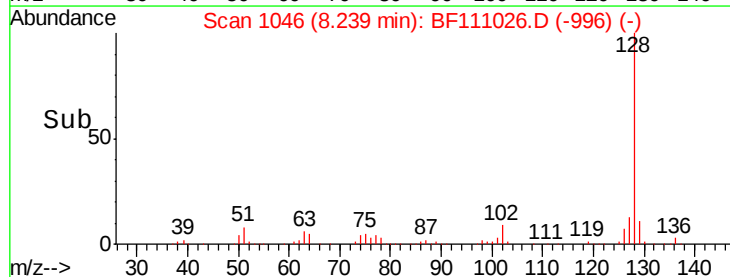
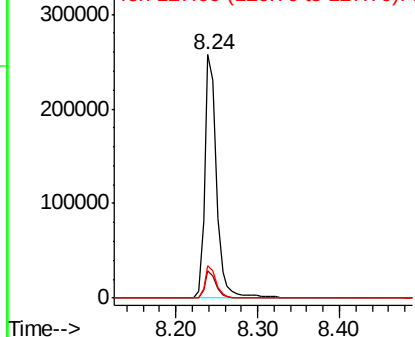


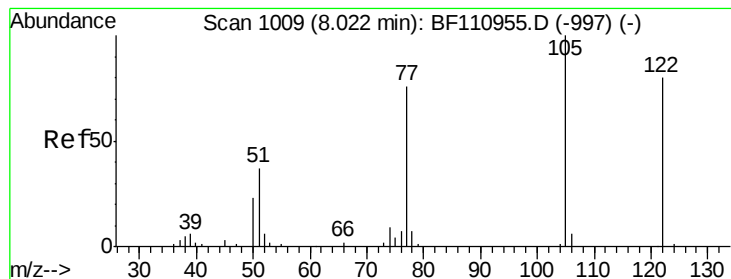
#31
Naphthalene
Concen: 28.284 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion: 128 Resp: 261229
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 2.732 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampled :

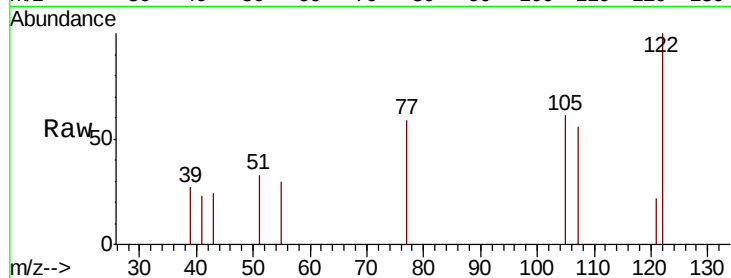
Tgt Ion:122 Resp: 5336

Ion Ratio Lower Upper

122 100

105 61.3 109.0 149.0#

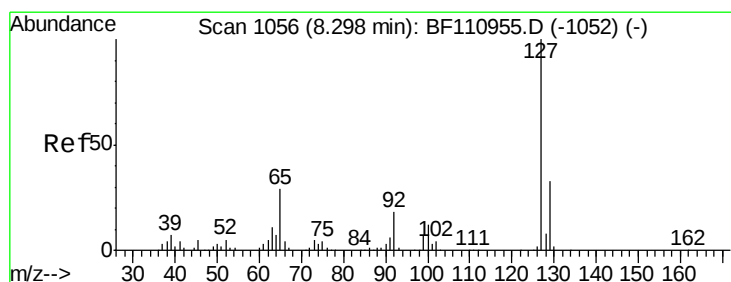
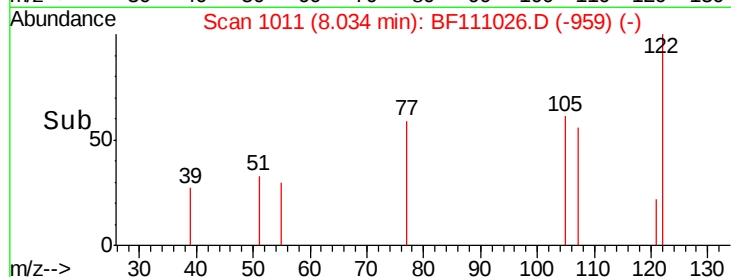
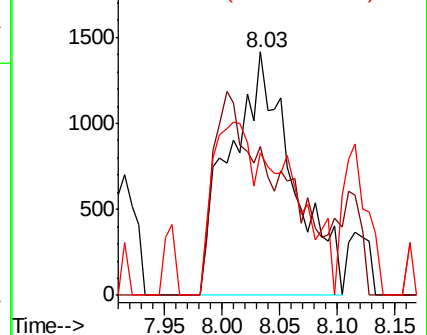
77 58.8 79.0 119.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 8.346 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.06 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Tgt Ion:127 Resp: 32808

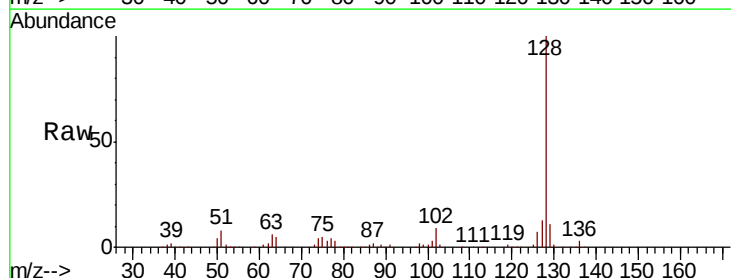
Ion Ratio Lower Upper

127 100

129 83.2 26.0 39.0#

65 0.0 25.1 37.7#

92 0.0 15.0 22.6#

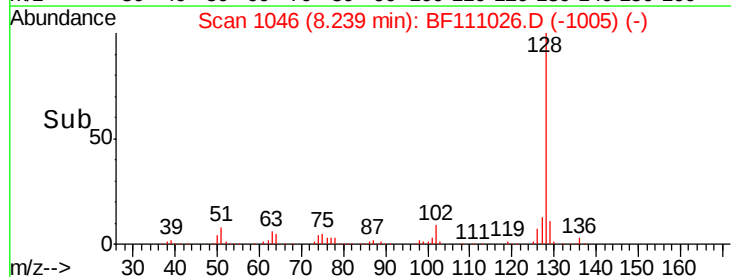
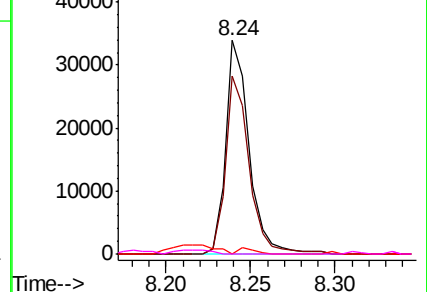


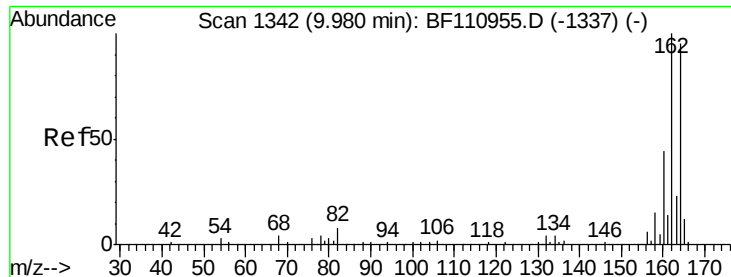
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

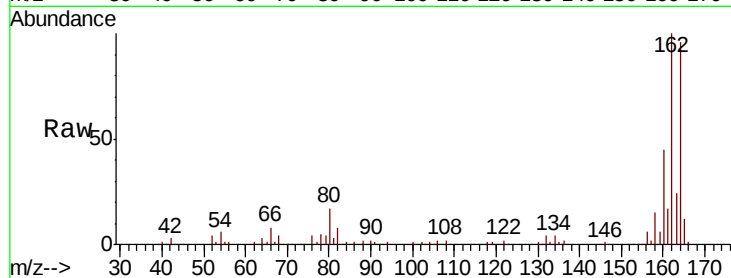
Tgt Ion:164 Resp: 83592

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

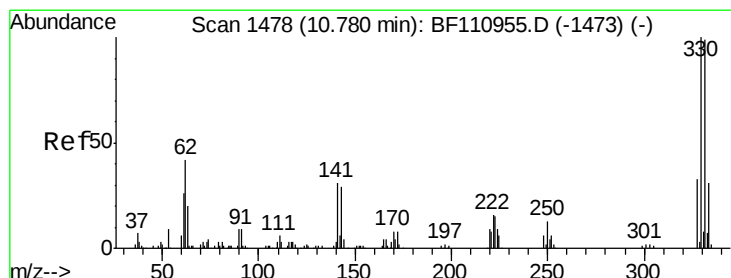
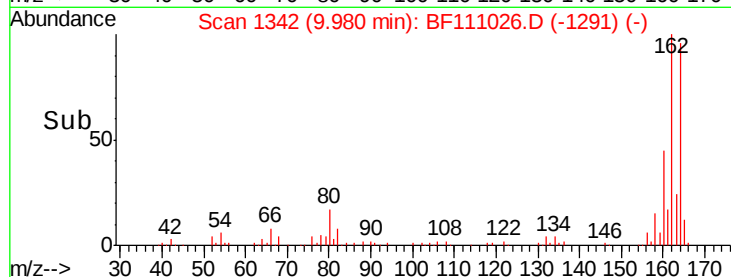
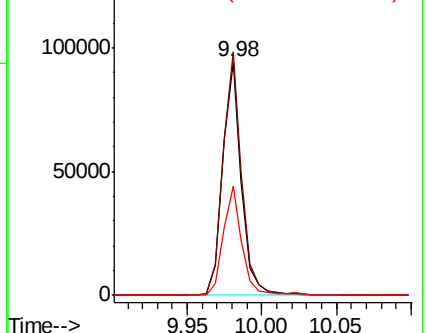
160 46.8 37.0 55.6



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: 9.240 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

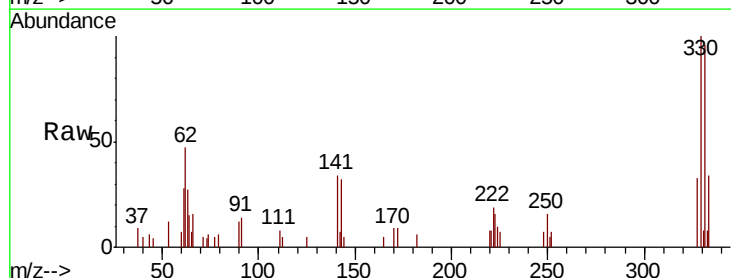
Tgt Ion:330 Resp: 7671

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

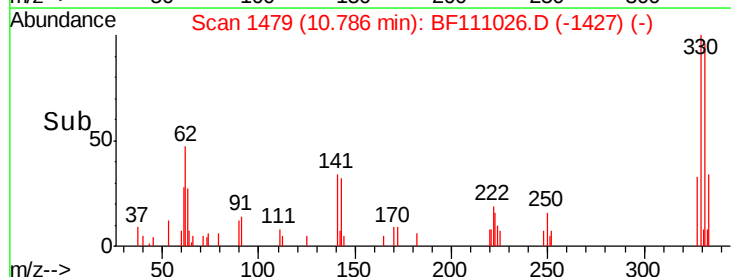
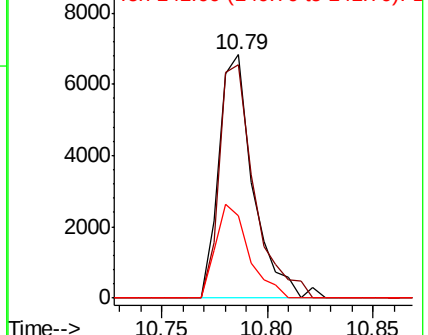
141 37.5 27.0 40.4

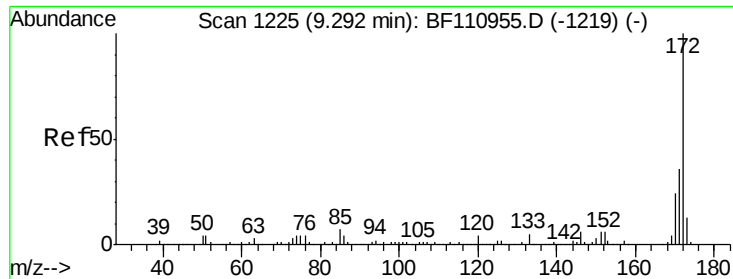


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

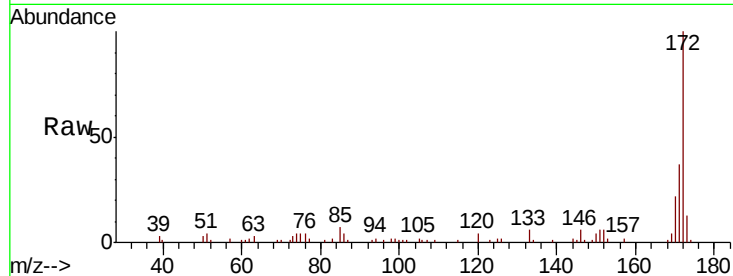




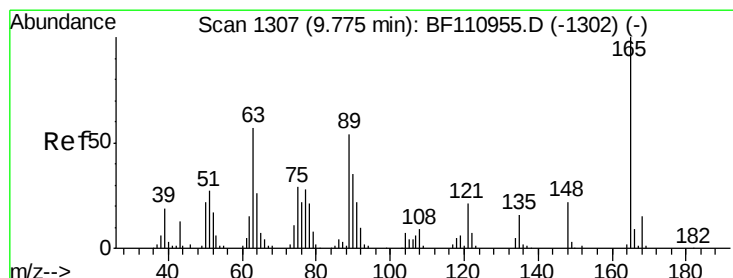
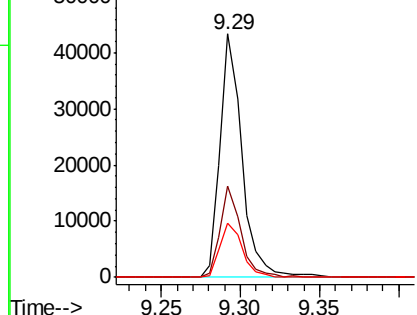
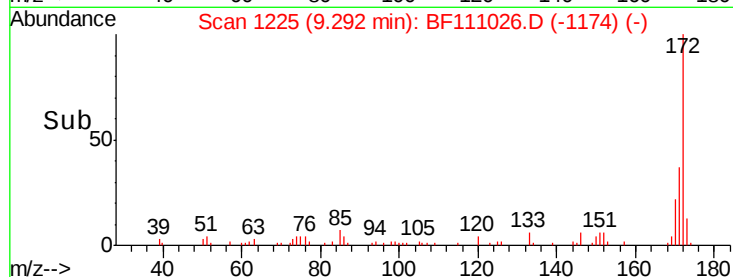
#45
 2-Fluorobiphenyl
 Concen: 7.245 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111026.D
 Acq: 27 Nov 2018 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:172 Resp: 41802
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.6 43.0
 170 22.1 19.7 29.5

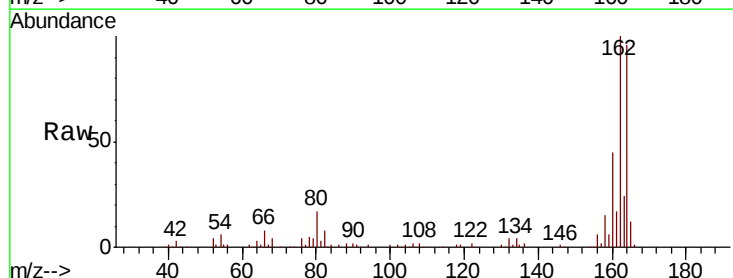


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

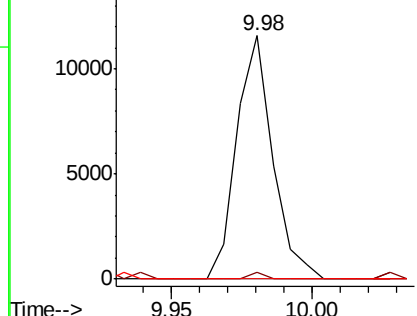
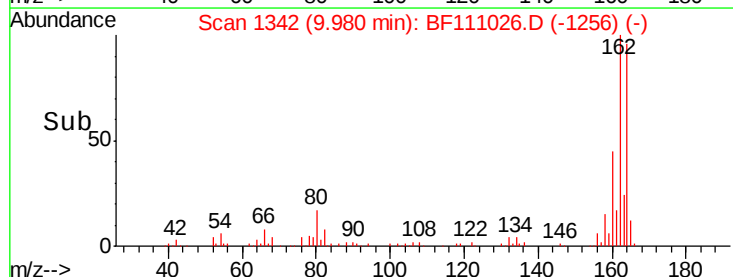


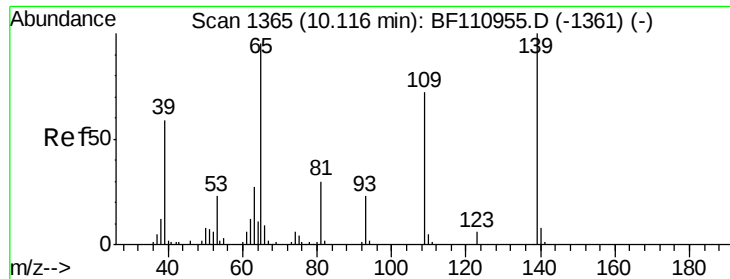
#51
 2,6-Dinitrotoluene
 Concen: 7.521 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111026.D
 Acq: 27 Nov 2018 23:46

Tgt Ion:165 Resp: 10265
 Ion Ratio Lower Upper
 165 100
 63 2.6 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

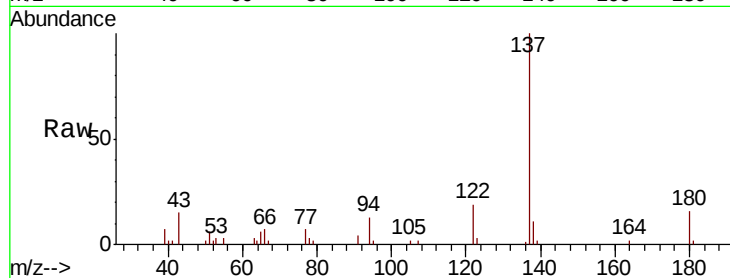




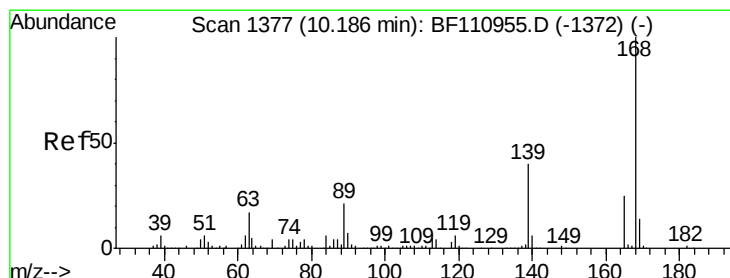
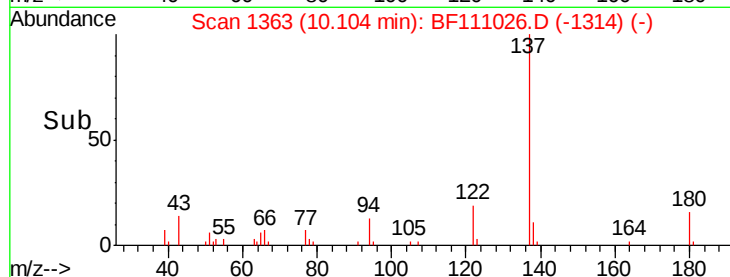
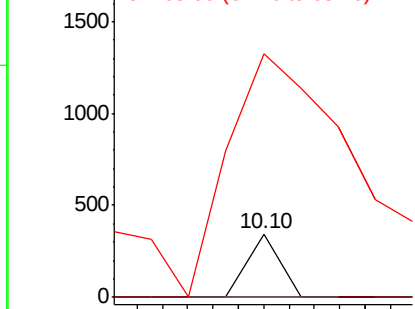
#56
4-Nitrophenol
Concen: 4.367 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 0.0 55.8 95.8#
65 384.9 77.9 117.9#

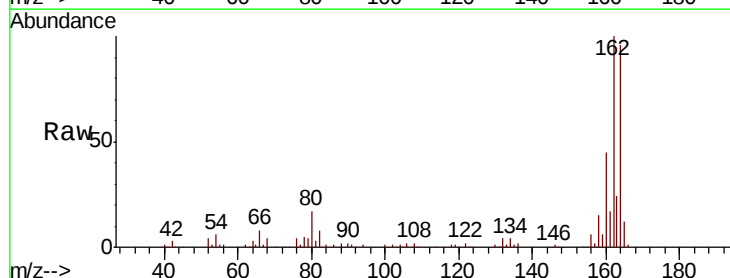


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

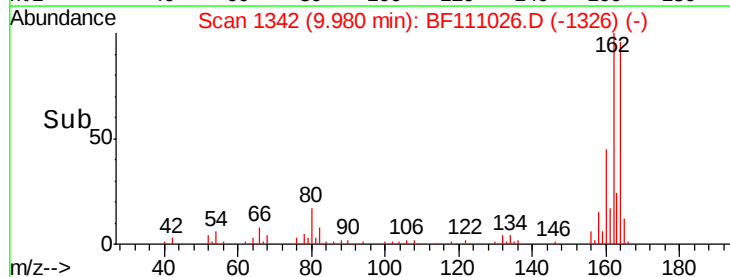
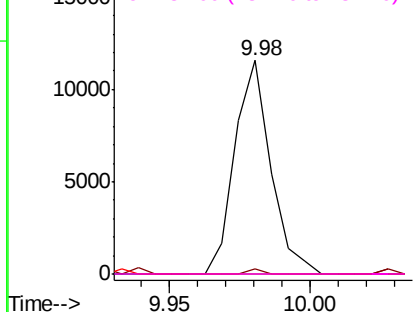


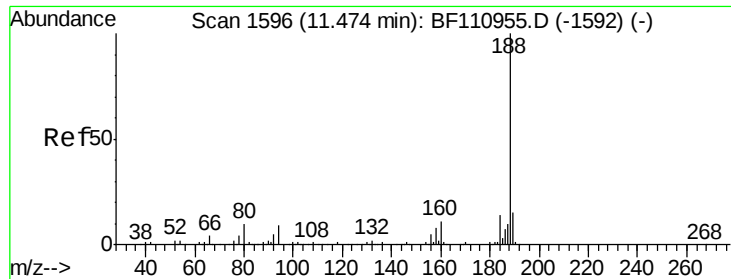
#57
2,4-Dinitrotoluene
Concen: 5.797 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111026.D
Acq: 27 Nov 2018 23:46

Tgt Ion:165 Resp: 10265
Ion Ratio Lower Upper
165 100
63 2.6 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: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

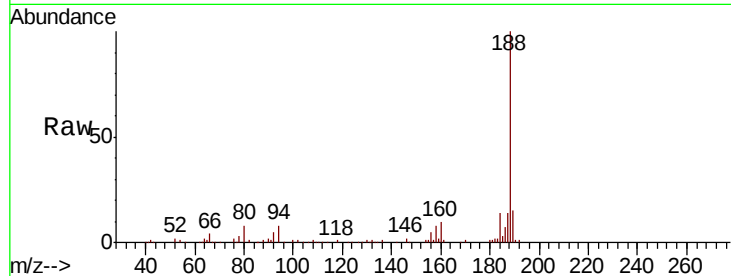
Tgt Ion:188 Resp: 159759

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

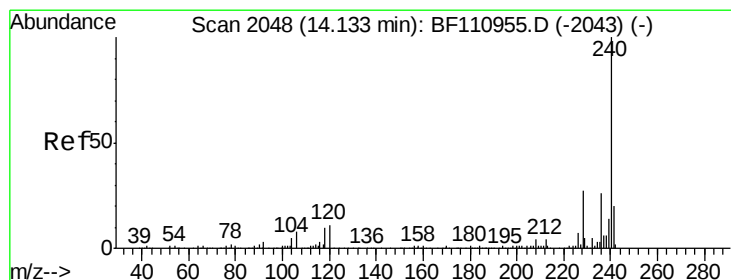
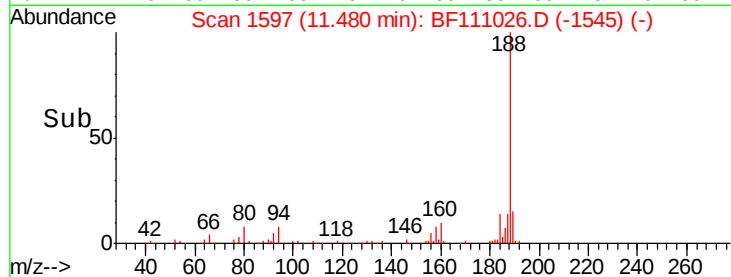
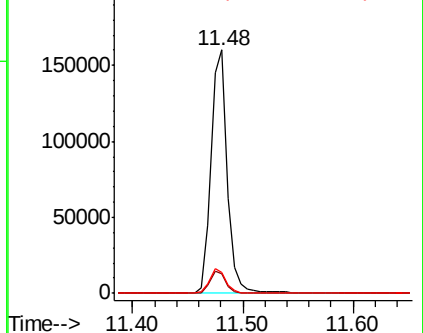
80 8.5 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

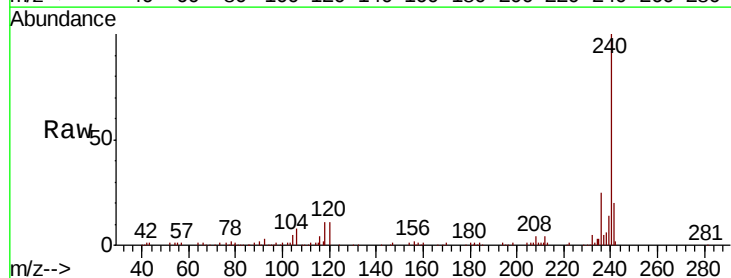
Tgt Ion:240 Resp: 129059

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

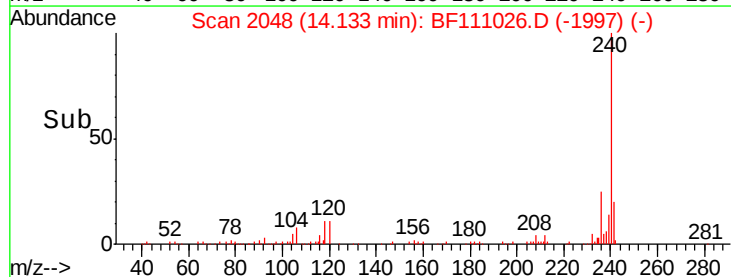
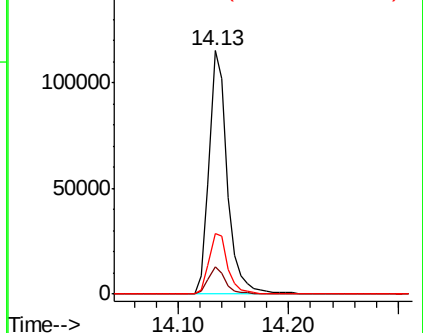
236 24.8 21.2 31.8

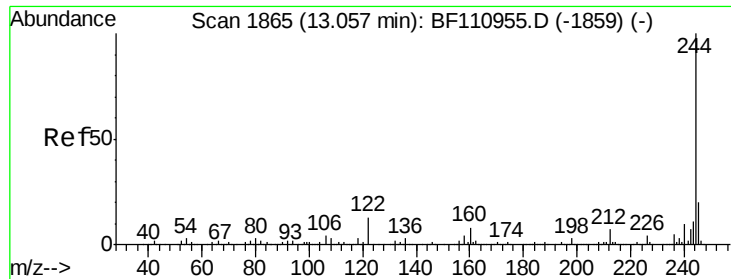


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 7.206 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

Instrument :

BNA_F

ClientSampleId :

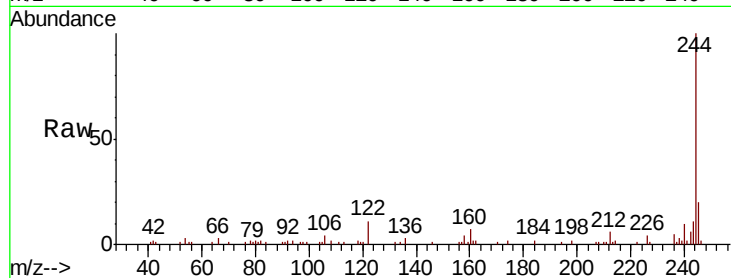
Tgt Ion:244 Resp: 47773

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

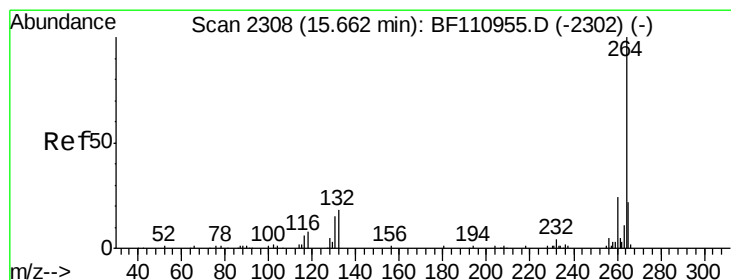
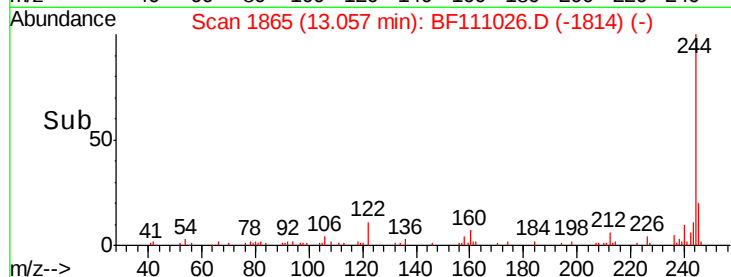
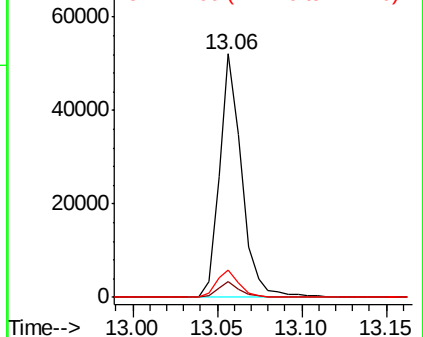
122 11.0 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF111026.D

Acq: 27 Nov 2018 23:46

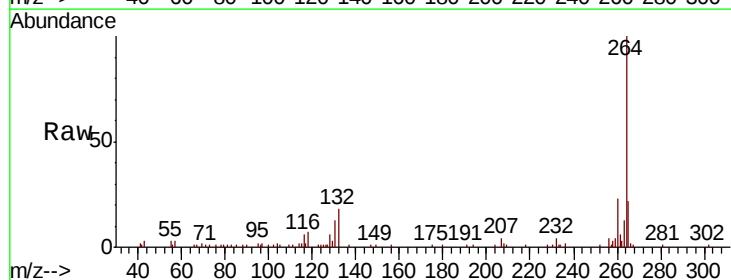
Tgt Ion:264 Resp: 82037

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 22.0 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

