

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021518\
 Data File : BF103034.D
 Acq On : 15 Feb 2018 22:48
 Operator : SJ/JU
 Sample : J1539-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

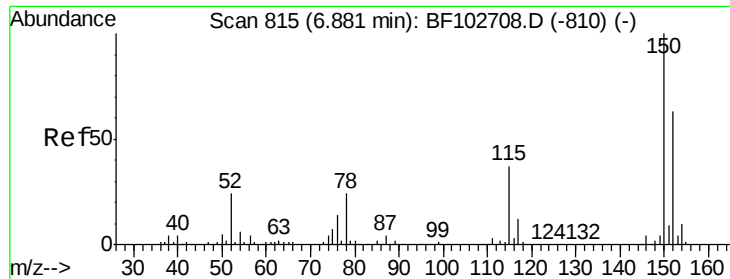
Quant Time: Feb 16 00:06:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172671	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	712504	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299262	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	460723	20.00	ng	0.00
75) Chrysene-d12	14.04	240	322321	20.00	ng	0.00
86) Perylene-d12	15.53	264	274171	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1388419	122.11	ng	0.01
7) Phenol-d6	6.52	99	1628741	118.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	1001205	97.48	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	276042	114.60	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1413448	78.37	ng	0.00
78) Terphenyl-d14	12.99	244	1078835	79.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	53544	3.65	ng	82
19) n-Nitroso-di-n-propylamine	7.45	70	132981	14.73	ng	# 78
25) Isophorone	7.45	82	1001190	42.33	ng	# 64
47) 2-Nitroaniline	9.62	65	1550	3.71	ng	# 1
49) Dimethylphthalate	9.62	163	135674	5.81	ng	99
55) 4-Nitrophenol	10.13	139	489	4.13	ng	# 27
56) 2,4-Dinitrotoluene	9.92	165	37727	9.01	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	477	9.02	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	17072	3.50	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103034.D

Acq: 15 Feb 2018 22:48

Instrument :

BNA_F

ClientSampleId :

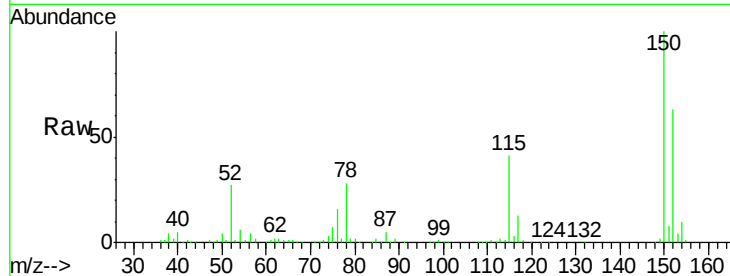
Tot Ion:152 Resp: 172671

Ion Ratio Lower Upper

152 100

150 158.8 124.6 186.8

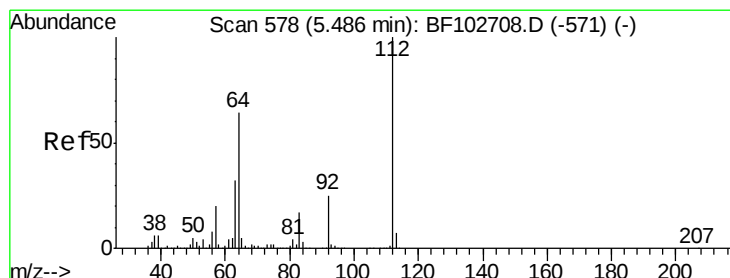
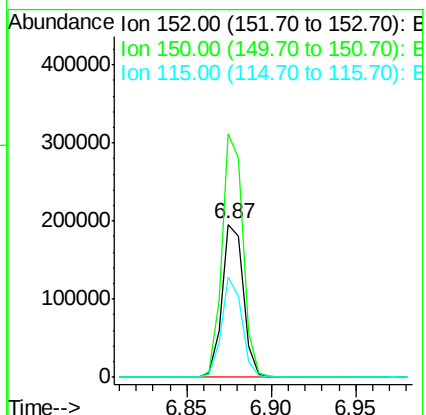
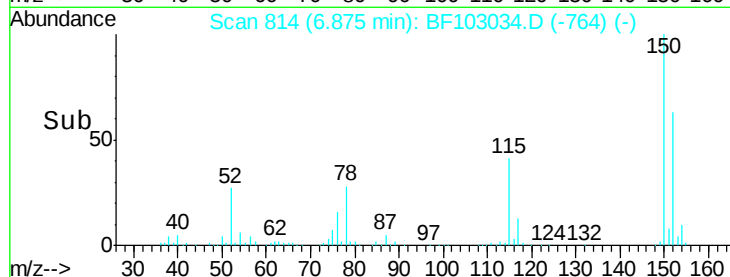
115 65.6 50.1 75.1



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: 122.11 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103034.D

Acq: 15 Feb 2018 22:48

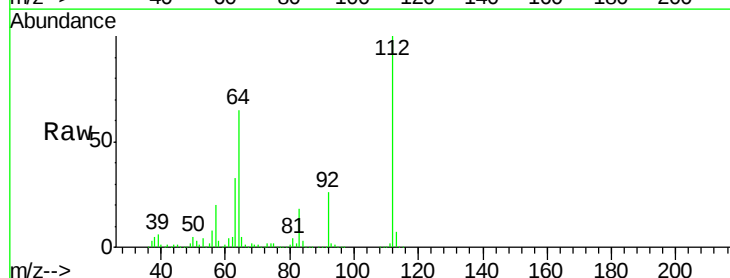
Tgt Ion:112 Resp: 1388419

Ion Ratio Lower Upper

112 100

64 65.5 47.9 71.9

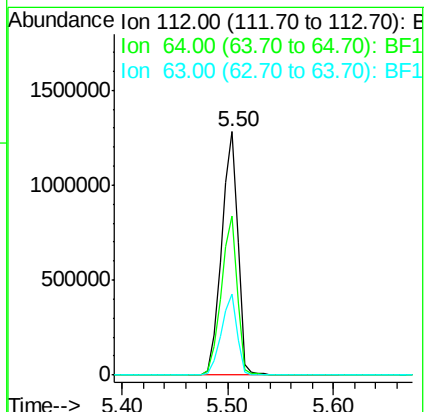
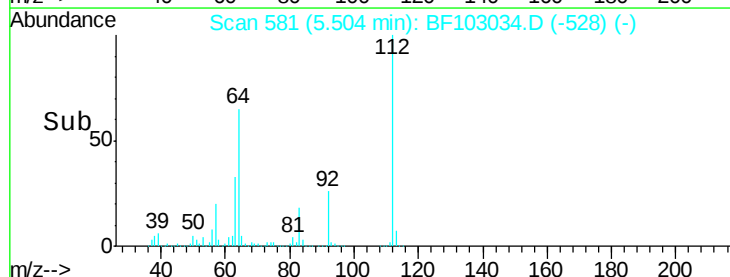
63 33.2 23.7 35.5

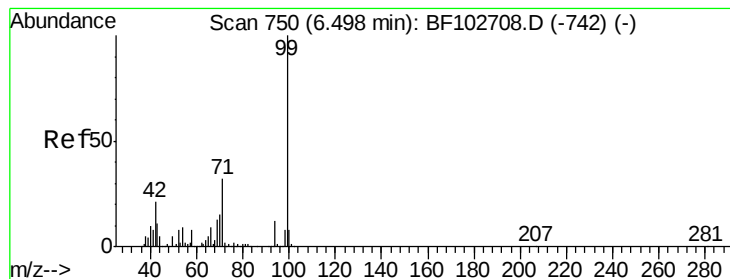


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.97 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103034.D

Acq: 15 Feb 2018 22:48

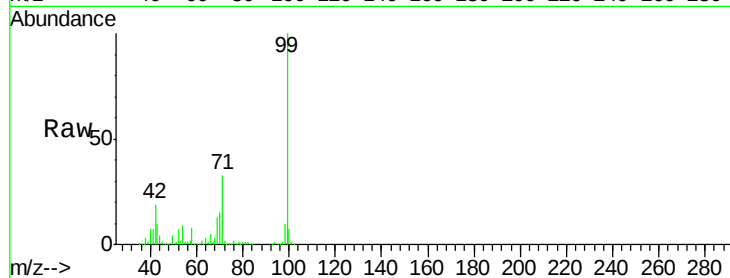
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1628741

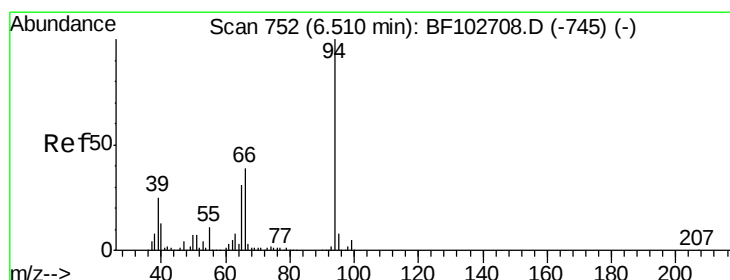
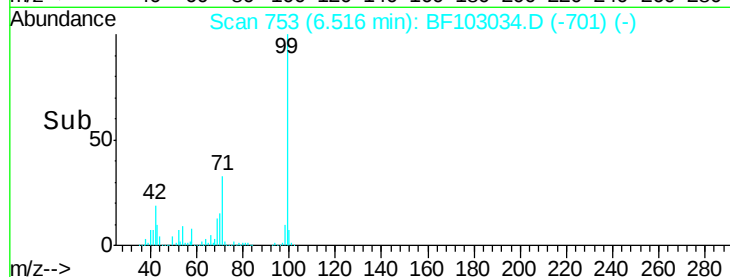
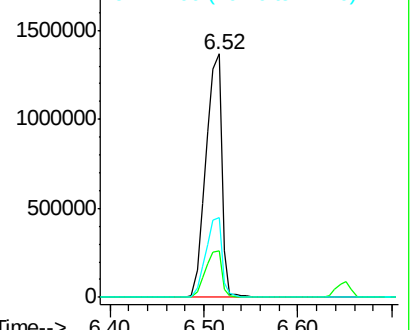
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.8	25.4	38.0



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: 3.65 ng

RT: 6.52 min Scan# 754

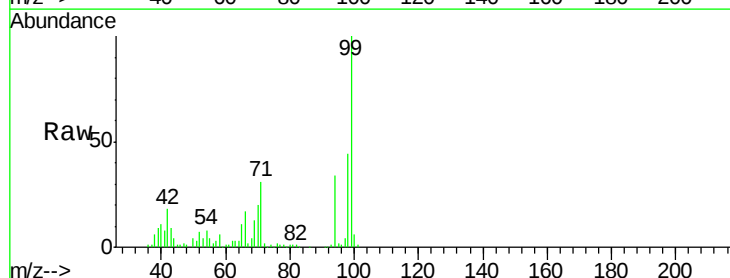
Delta R.T. -0.00 min

Lab File: BF103034.D

Acq: 15 Feb 2018 22:48

Tgt Ion: 94 Resp: 53544

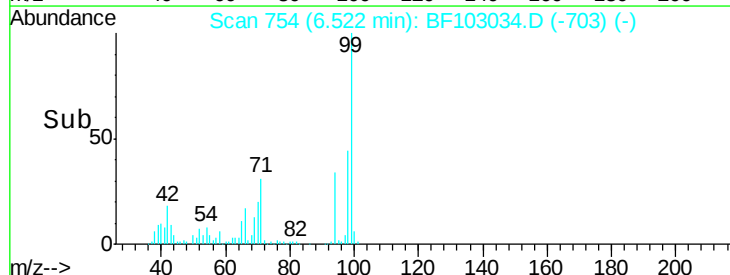
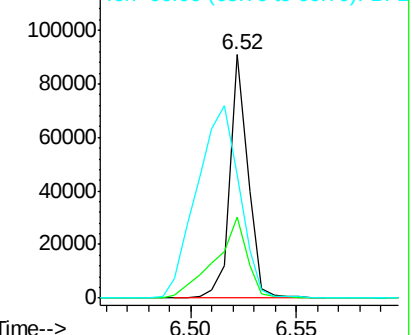
Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	50.6	16.2	56.2

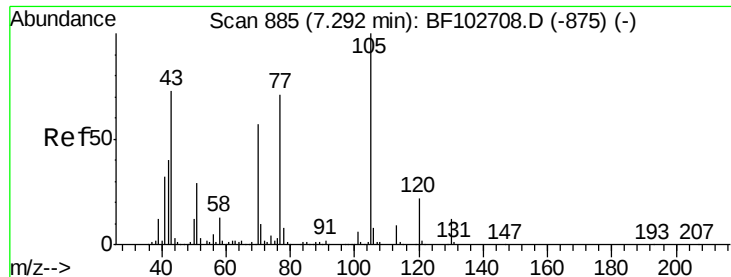


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

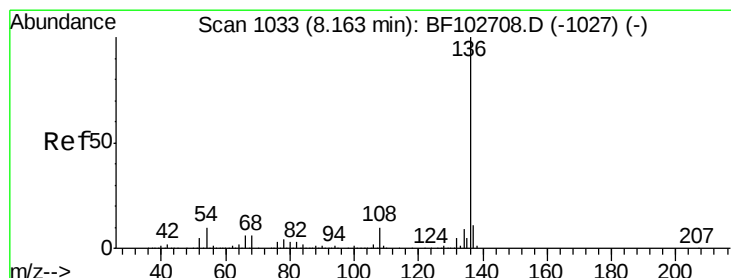
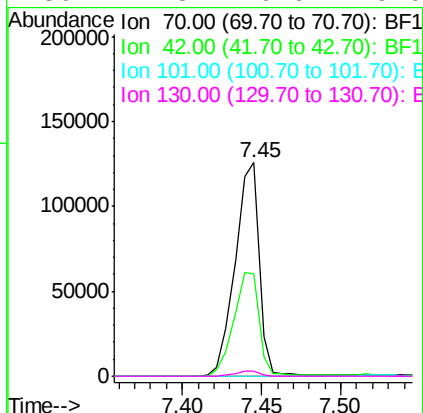
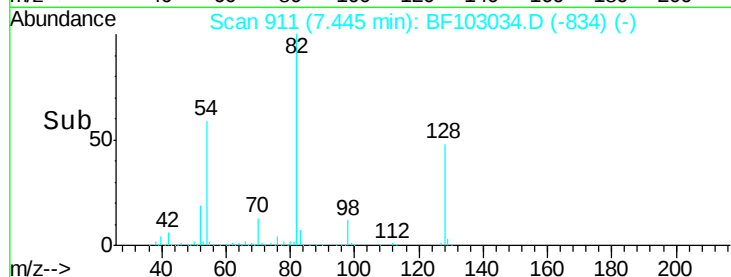
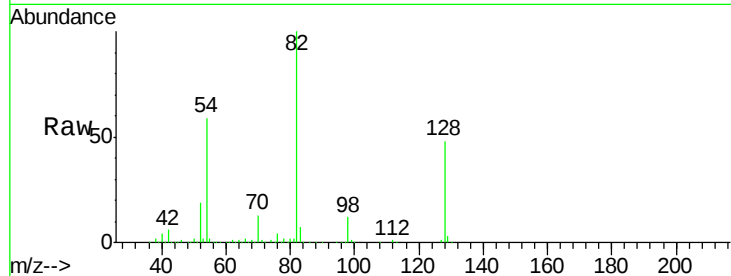




#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

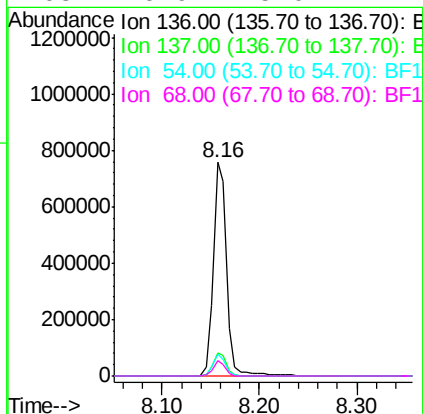
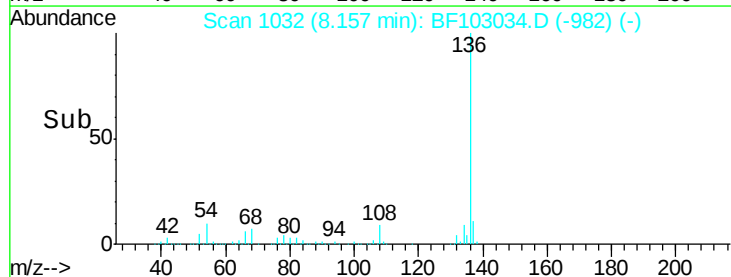
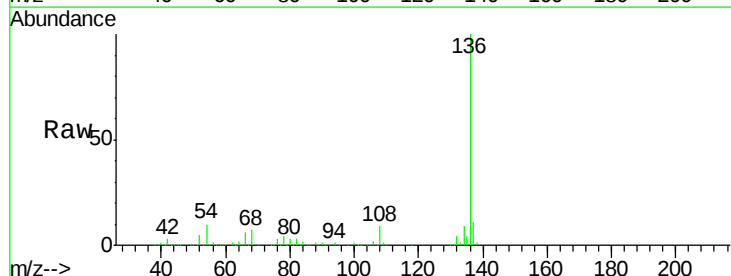
Instrument :
BNA_F
ClientSampleId :

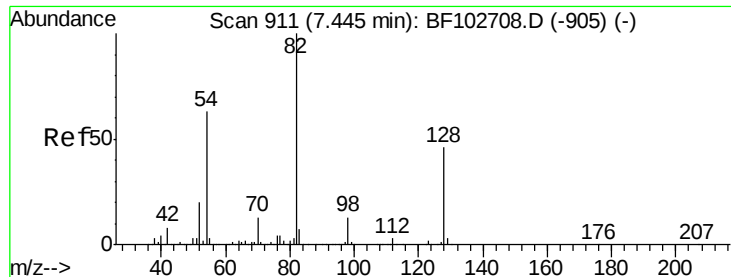
Tot Ion: 70 Resp: 132981
Ion Ratio Lower Upper
70 100
42 47.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Tgt Ion: 136 Resp: 712504
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.4 6.6 9.8#
68 6.9 5.0 7.4

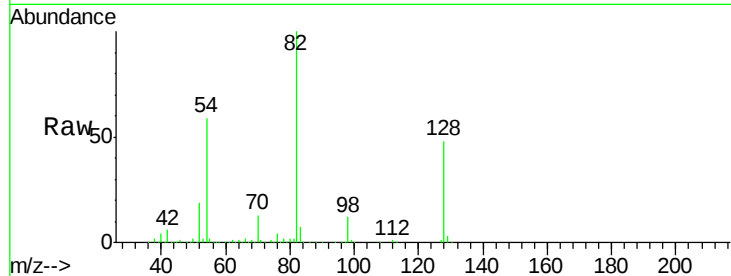




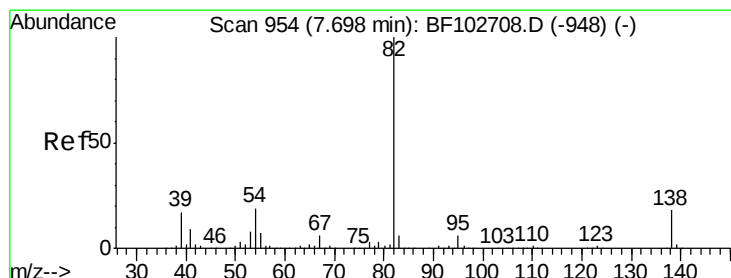
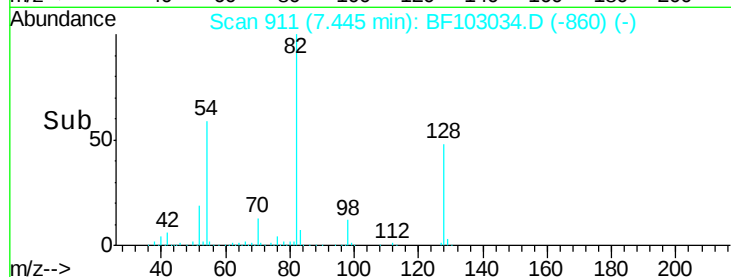
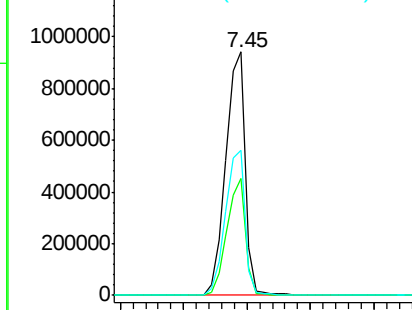
#23
Nitrobenzene-d5
Concen: 97.48 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1001205
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 59.4 41.4 62.2

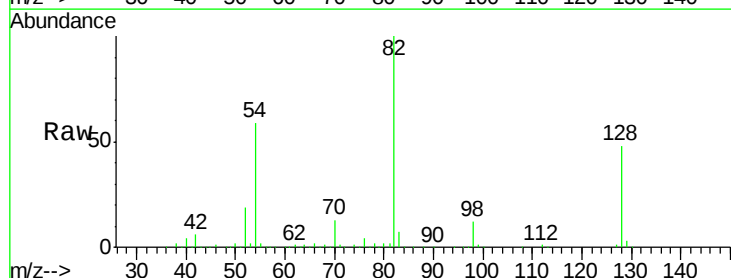


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

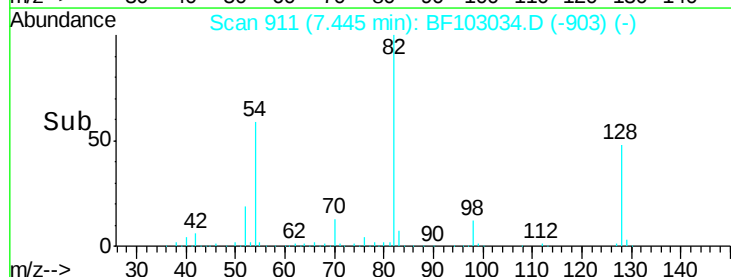
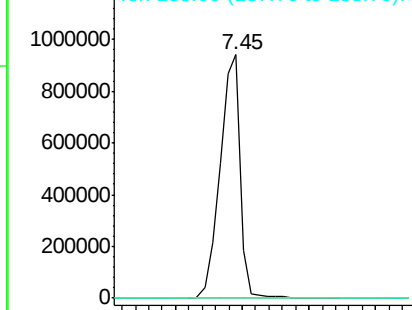


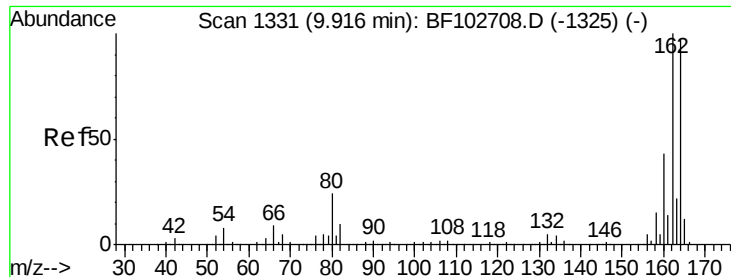
#25
Isophorone
Concen: 42.33 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Tgt Ion: 82 Resp: 1001190
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

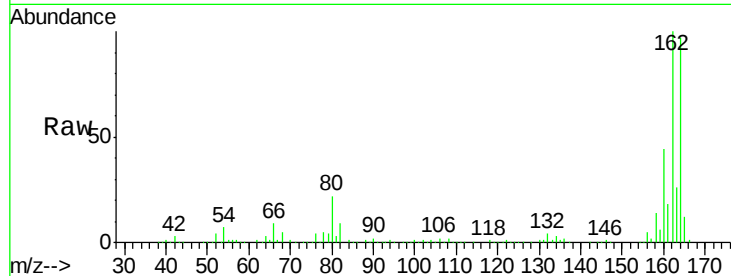




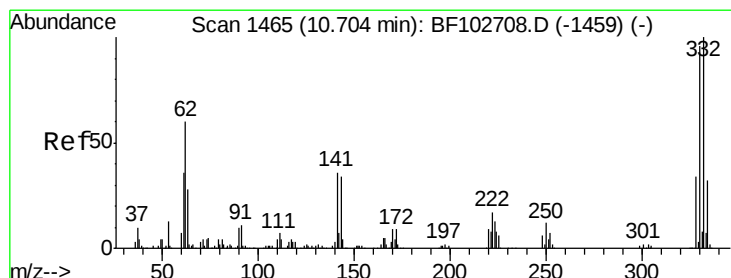
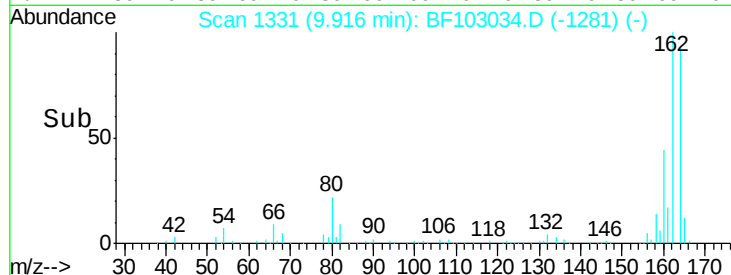
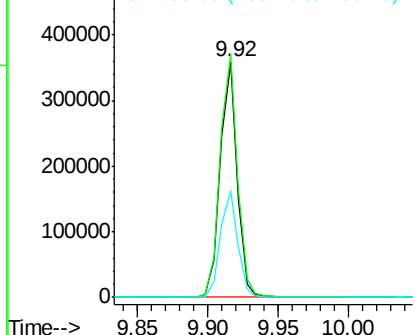
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103034.D
 Acq: 15 Feb 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 299262
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.6 38.3 57.5

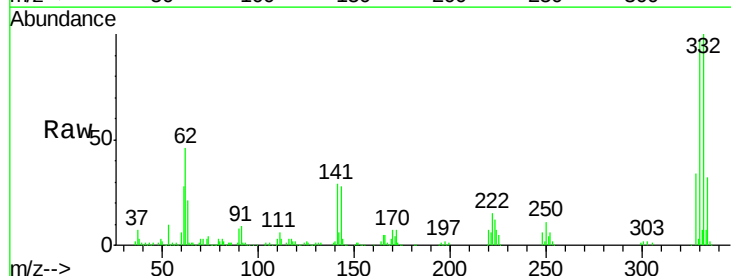


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

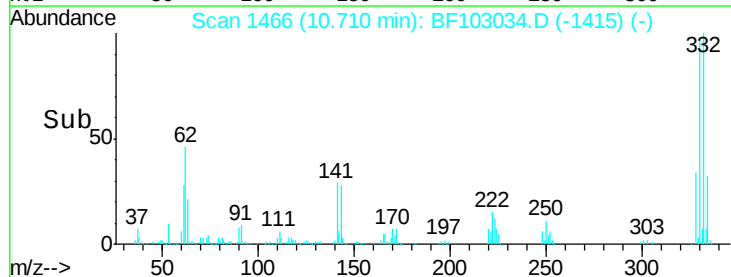
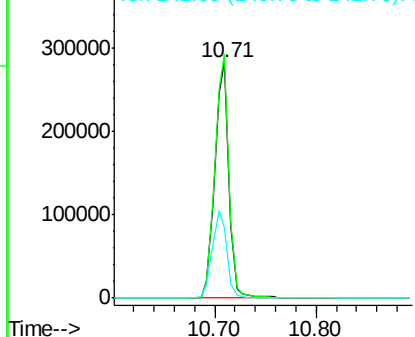


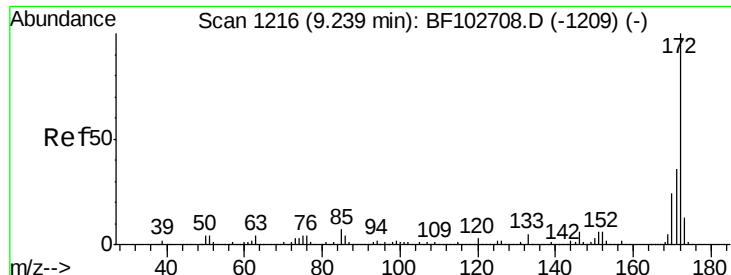
#41
 2,4,6-Tribromophenol
 Concen: 114.60 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103034.D
 Acq: 15 Feb 2018 22:48

Tgt Ion:330 Resp: 276042
 Ion Ratio Lower Upper
 330 100
 332 102.8 77.0 115.6
 141 38.3 29.9 44.9



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

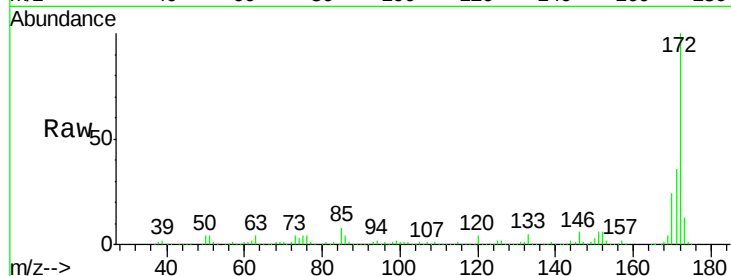




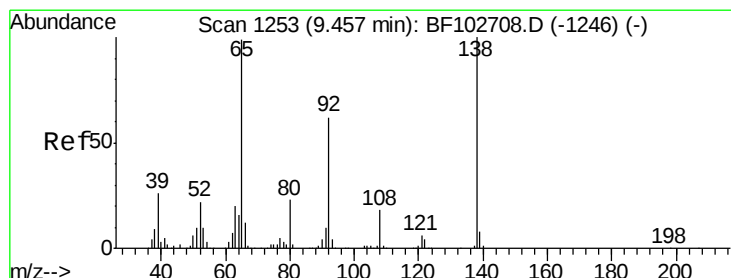
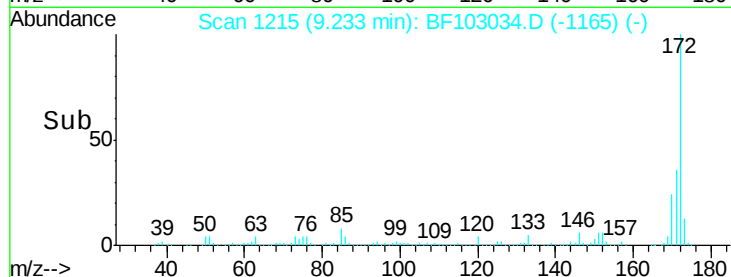
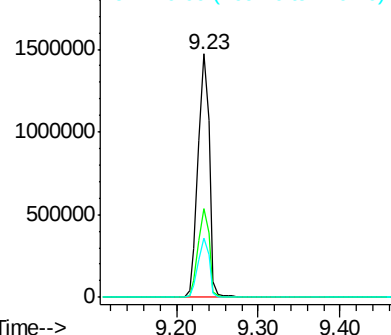
#44
2-Fluorobiphenyl
Concen: 78.37 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1413448
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.3 19.6 29.4

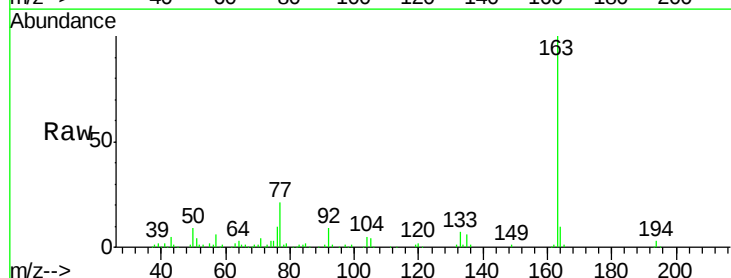


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

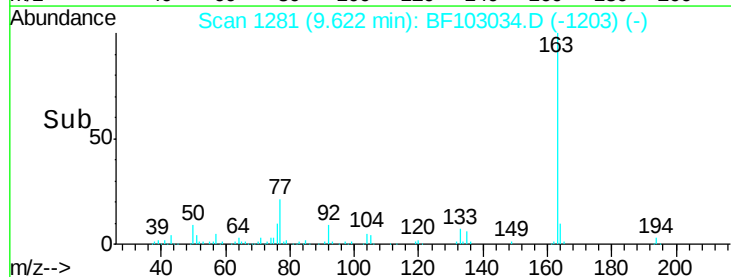
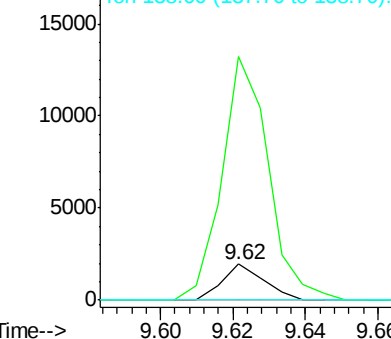


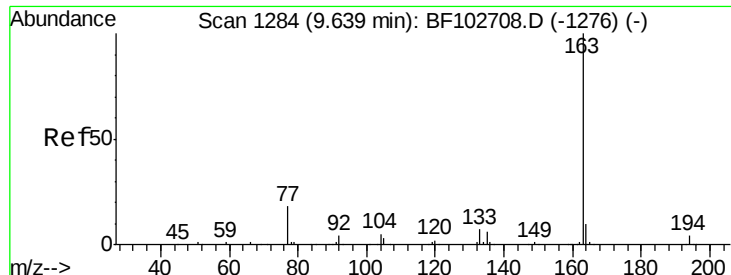
#47
2-Nitroaniline
Concen: 3.71 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.16 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Tgt Ion: 65 Resp: 1550
Ion Ratio Lower Upper
65 100
92 683.6 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

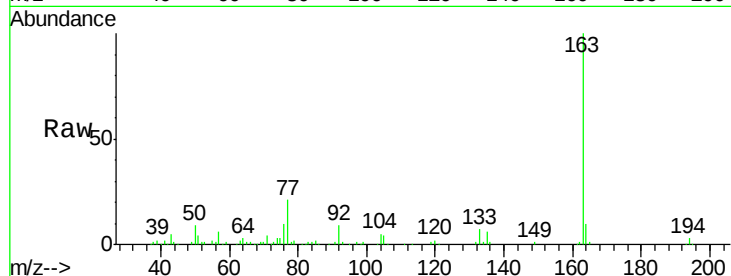




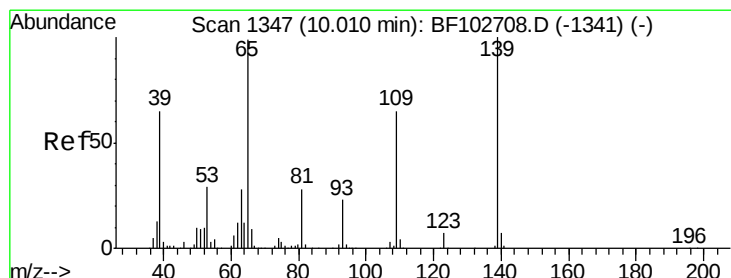
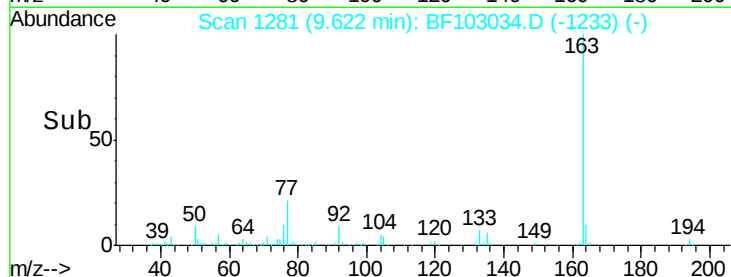
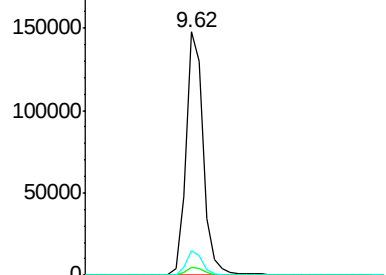
#49
Dimethylphthalate
Concen: 5.81 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.4	8.2	12.2

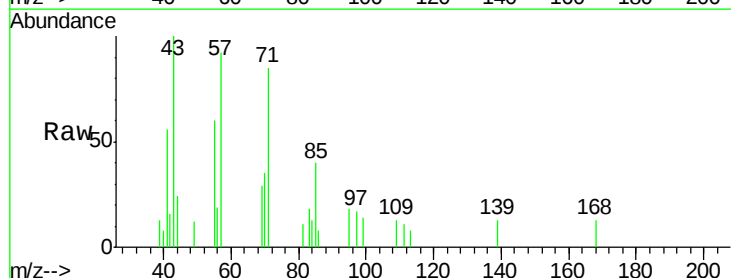


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

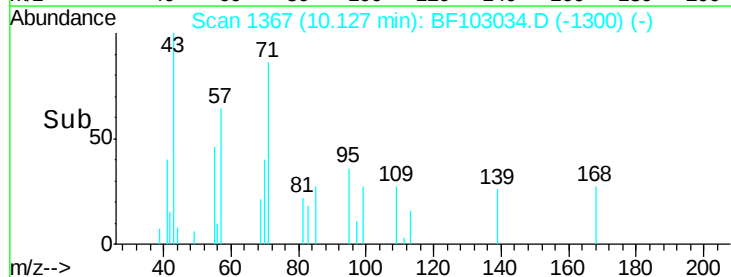
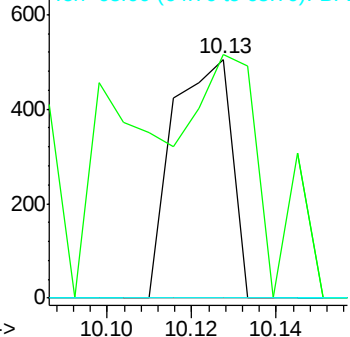


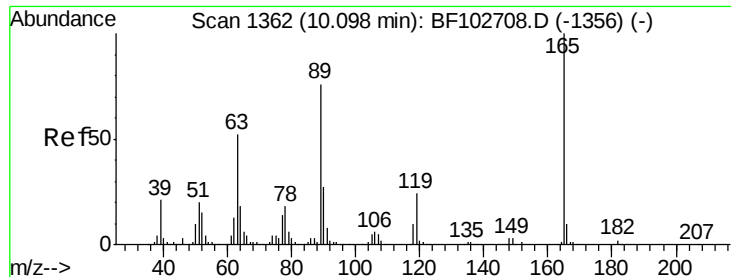
#55
4-Nitrophenol
Concen: 4.13 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.09 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.0	48.4	88.4#
65	0.0	72.6	112.6#



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

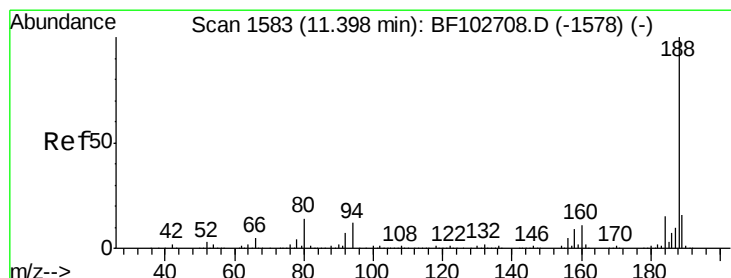
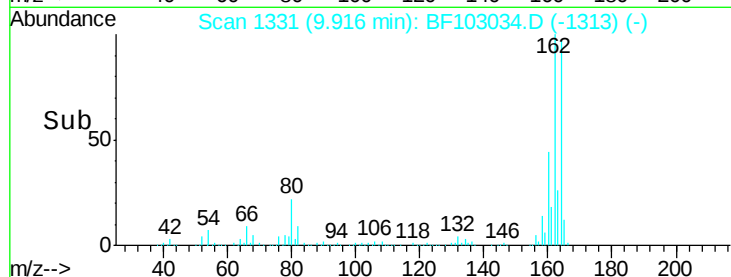
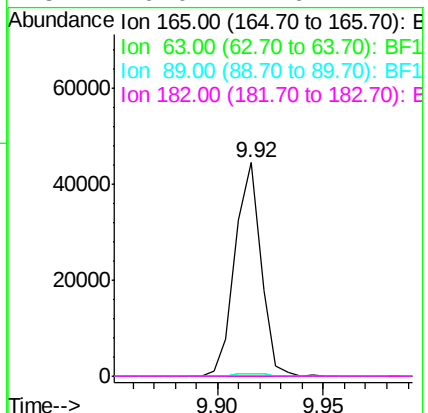
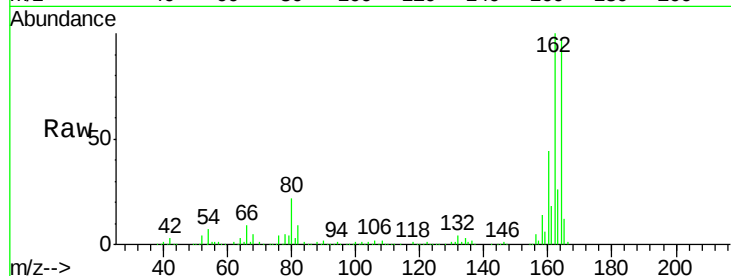




#56
2,4-Dinitrotoluene
Concen: 9.01 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

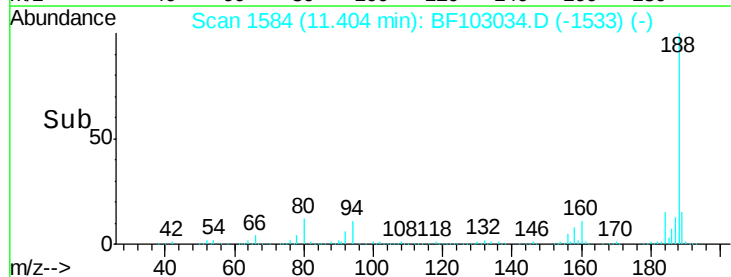
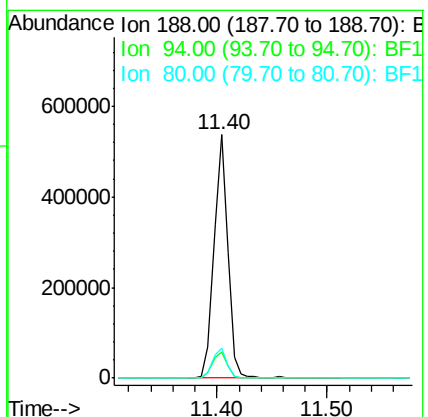
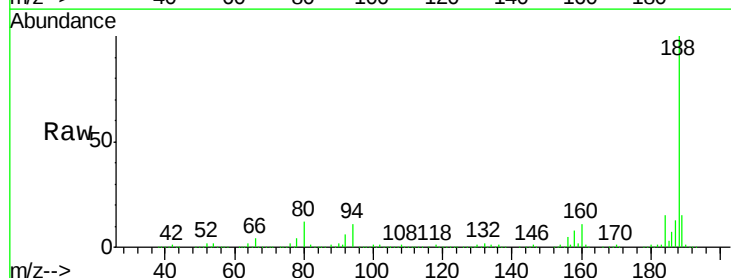
Instrument :
BNA_F
ClientSampleId :

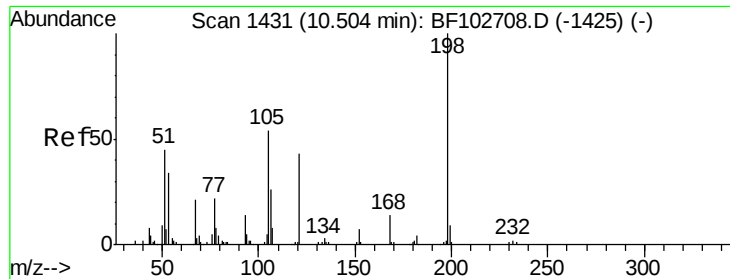
Tot Ion:165 Resp: 37727
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Tgt Ion:188 Resp: 460723
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.5 9.2 13.8

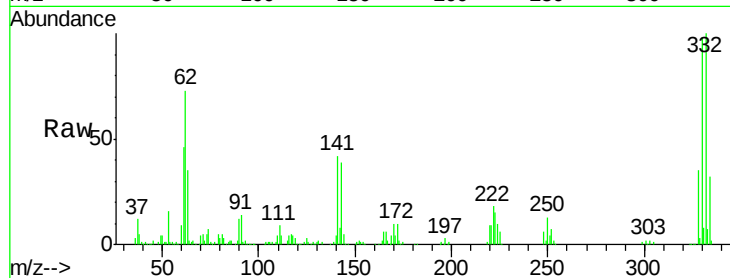




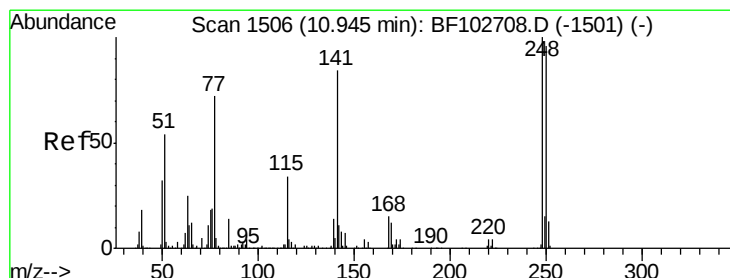
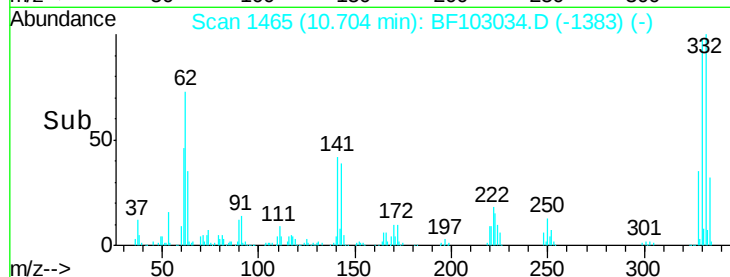
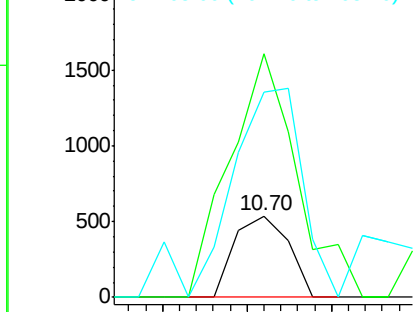
#64
4,6-Dinitro-2-methylphenol
Concen: 9.02 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 477
Ion Ratio Lower Upper
198 100
51 300.4 37.7 77.7#
105 253.5 36.3 76.3#

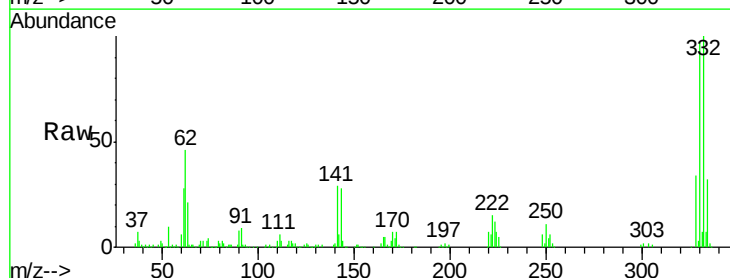


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

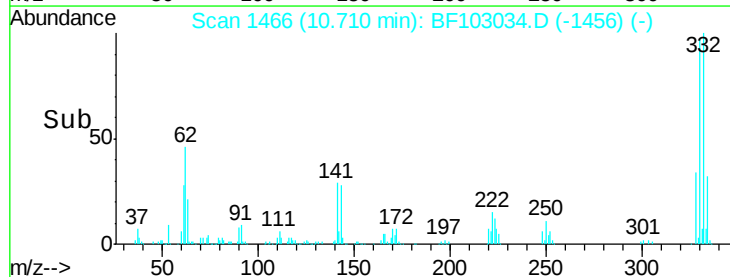
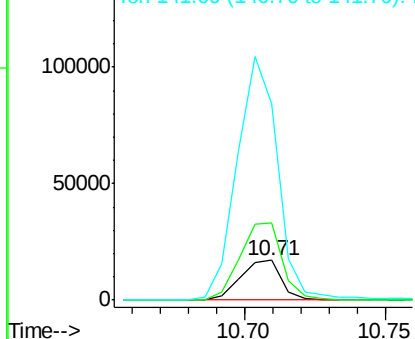


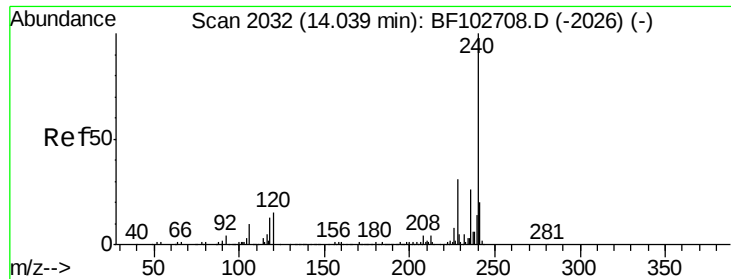
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Tgt Ion:248 Resp: 17072
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 498.5 74.4 111.6#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103034.D

Acq: 15 Feb 2018 22:48

Instrument :

BNA_F

ClientSampleId :

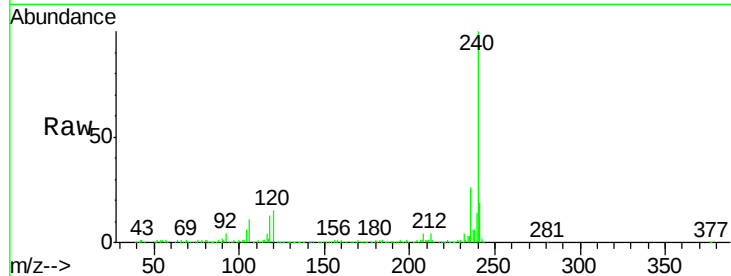
Tot Ion:240 Resp: 322321

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

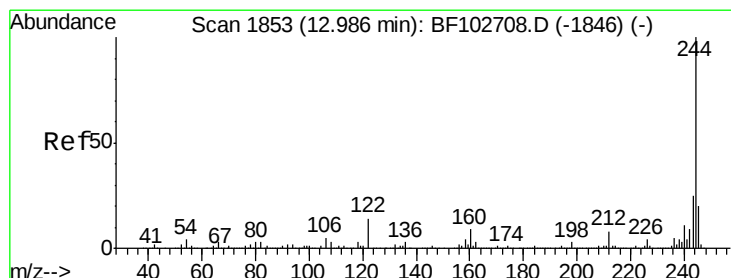
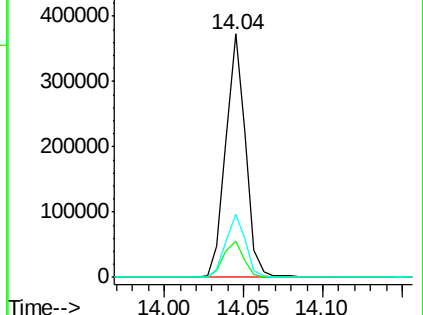
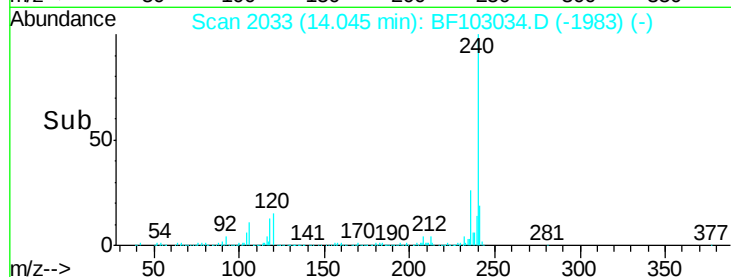
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 79.25 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103034.D

Acq: 15 Feb 2018 22:48

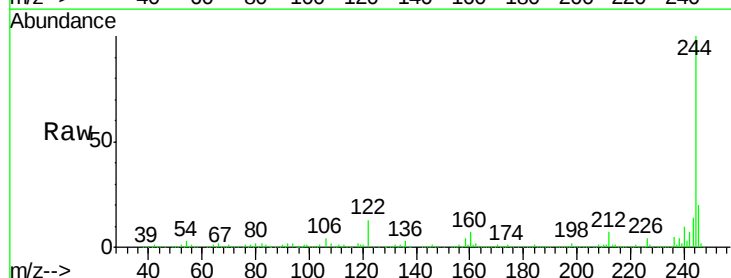
Tgt Ion:244 Resp: 1078835

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

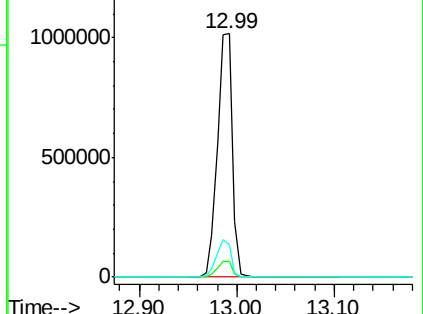
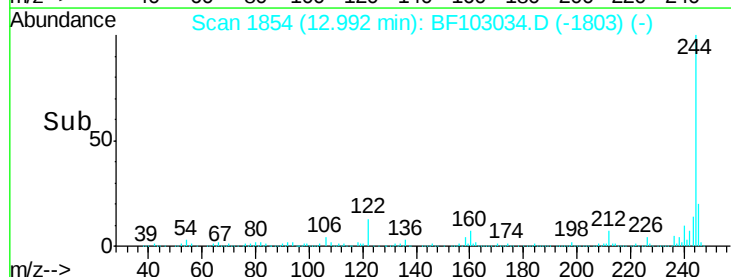
122 13.1 11.0 16.4

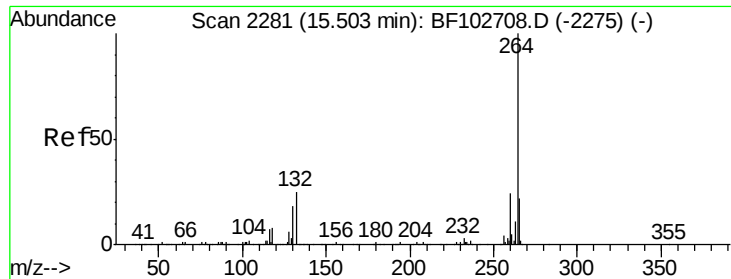


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BF103034.D
Acq: 15 Feb 2018 22:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264 Resp: 274171
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.9 17.5 26.3

