

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103640.D
 Acq On : 14 Mar 2018 15:05
 Operator : SJ/JU
 Sample : PB107325BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 18:10:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

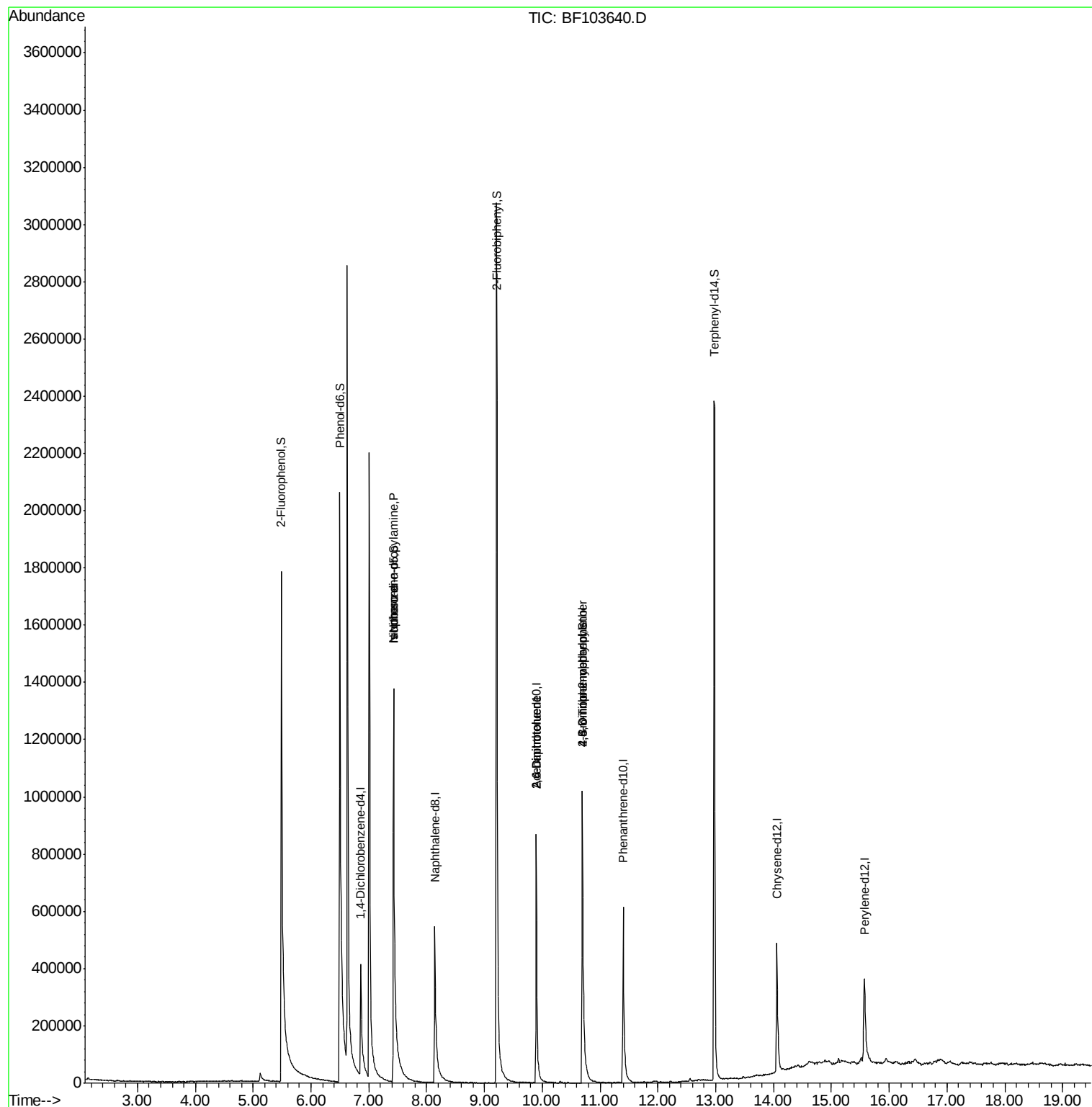
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125746	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	562133	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	248834	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	422707	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245250	20.00	ng	0.00
86) Perylene-d12	15.57	264	229307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1084994	130.50	ng	0.00
7) Phenol-d6	6.50	99	1384306	136.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	916216	93.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	177173	84.12	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1346108	96.09	ng	0.00
78) Terphenyl-d14	12.98	244	993403	97.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1749	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	106912	16.885	ng	# 86
25) Isophorone	7.43	82	922597	47.590	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	30272	7.226	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	31012	5.853	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	237	5.028	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	13008	2.954	ng	# 1

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

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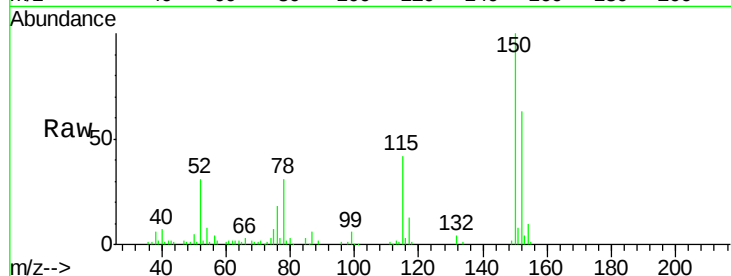


#1

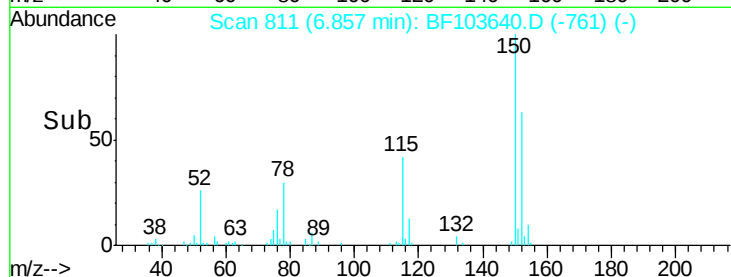
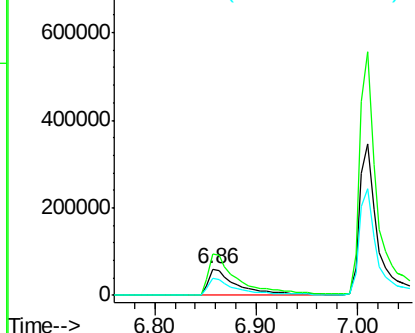
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125746
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 66.9 50.1 75.1



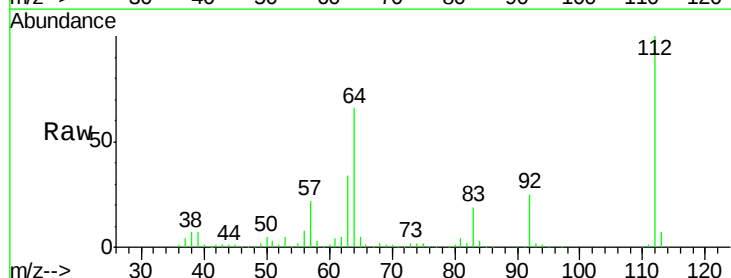
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



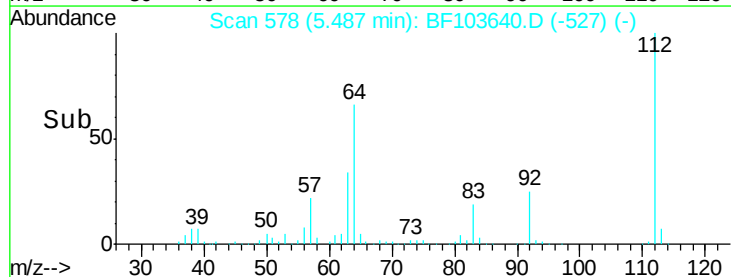
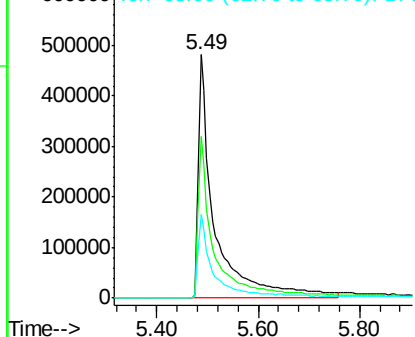
#5

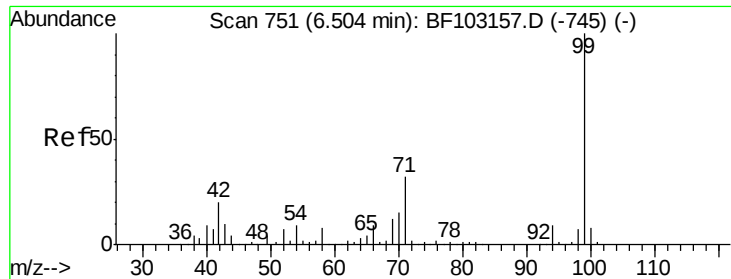
2-Fluorophenol
Concen: 130.499 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Tgt Ion:112 Resp: 1084994
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 34.4 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: 136.068 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

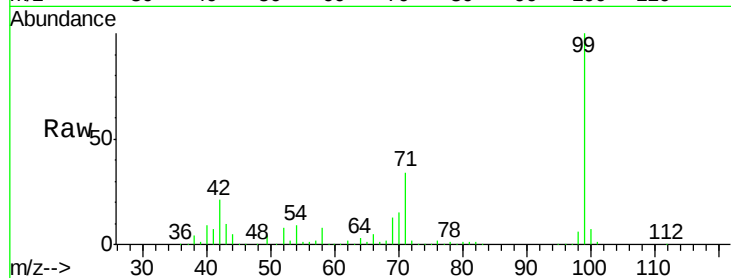
Tot Ion: 99 Resp: 1384306

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

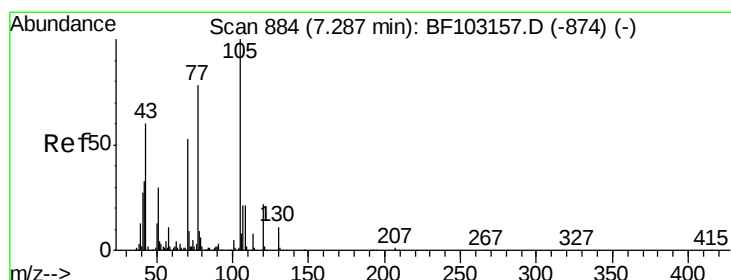
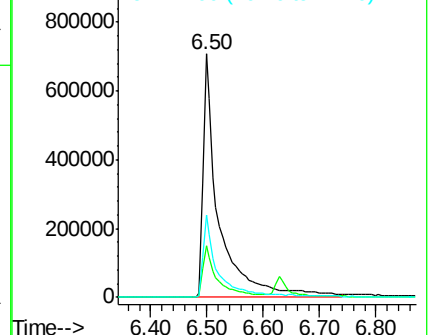
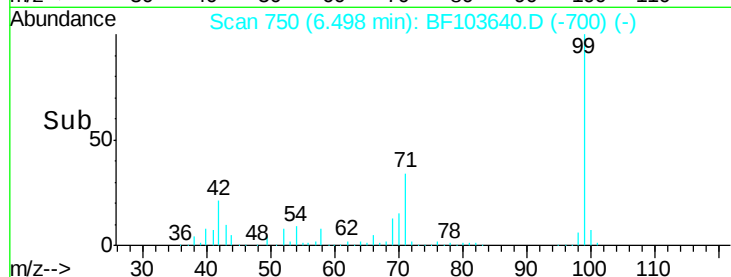
71 33.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.885 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Tgt Ion: 70 Resp: 106912

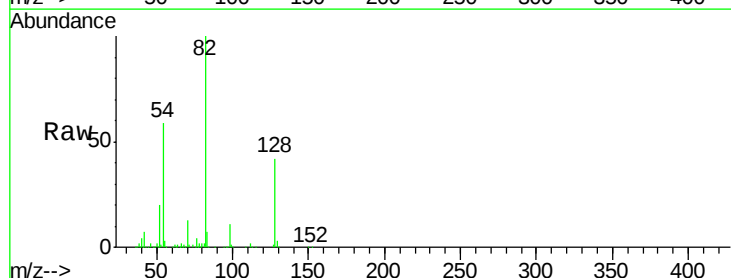
Ion Ratio Lower Upper

70 100

42 57.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

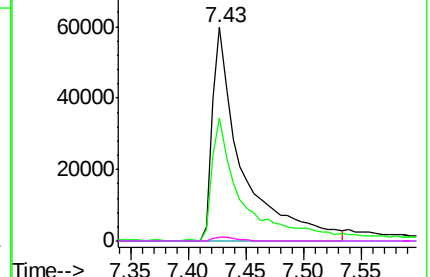
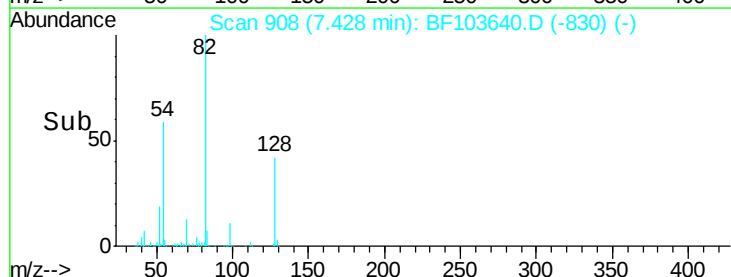


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

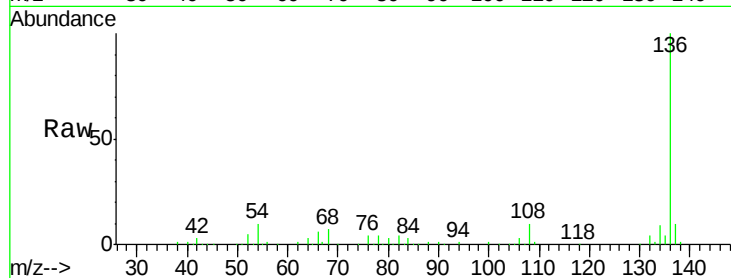




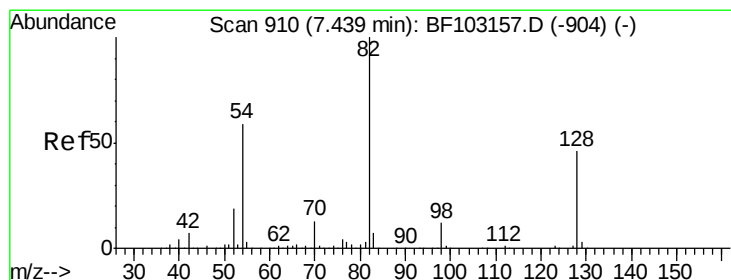
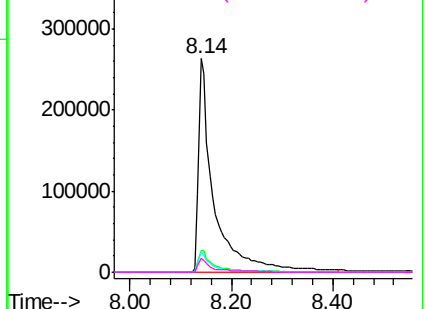
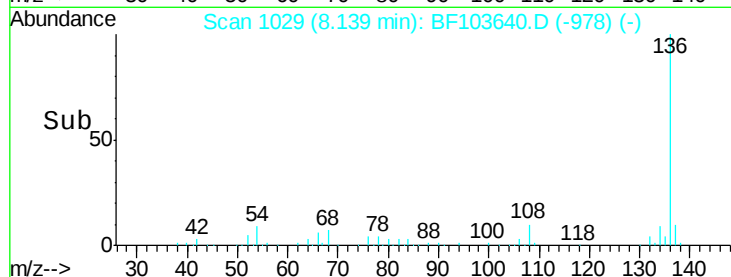
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	562133
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	9.7	6.6 9.8
68	6.7	5.0 7.4

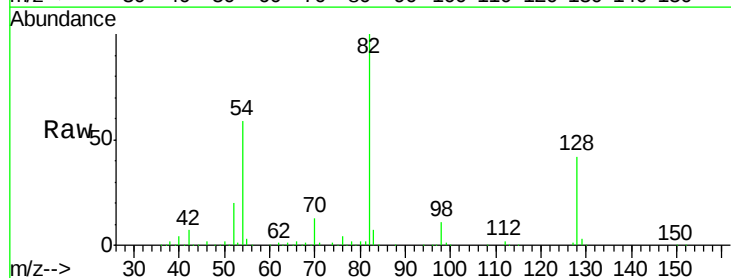


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

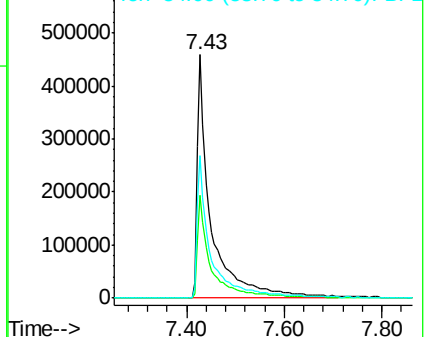
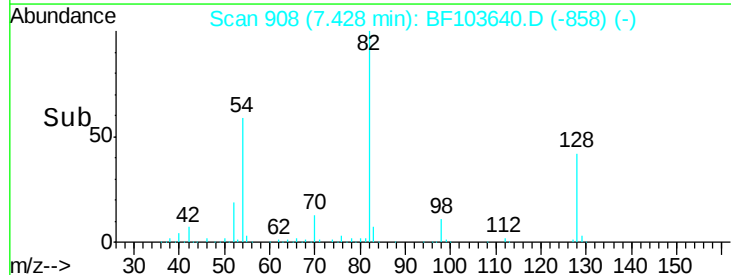


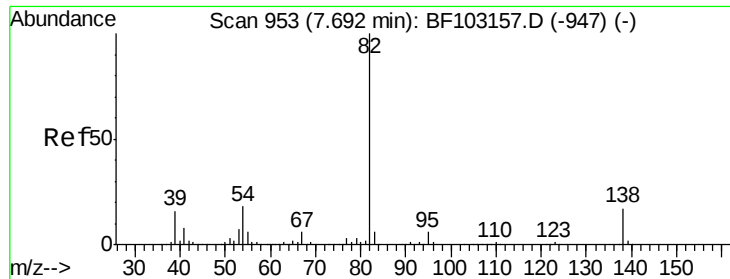
#23
Nitrobenzene-d5
Concen: 93.081 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Tgt Ion: 82	Resp:	916216
Ion Ratio	Lower	Upper
82	100	
128	42.1	36.1 54.1
54	58.7	41.4 62.2



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

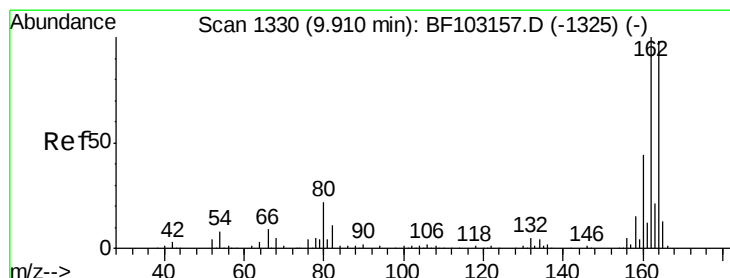
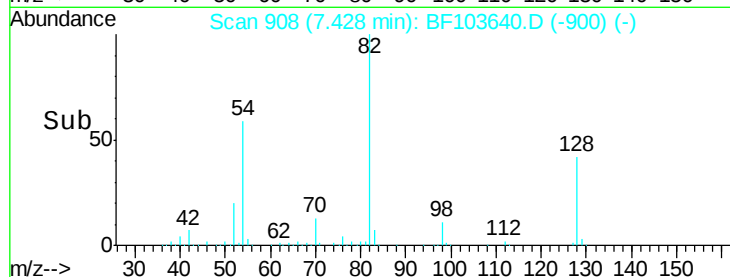
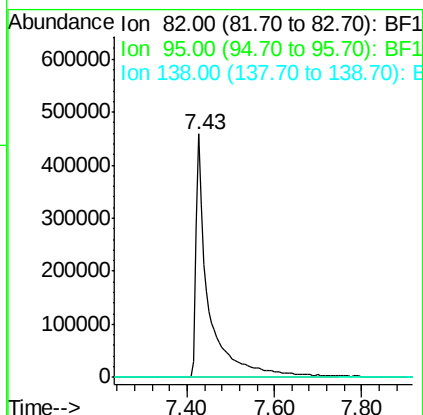
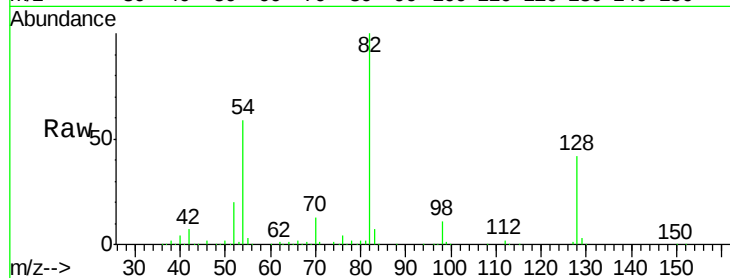




#25
Isophorone
Concen: 47.590 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

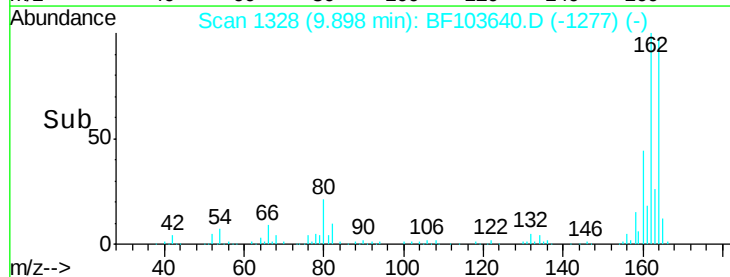
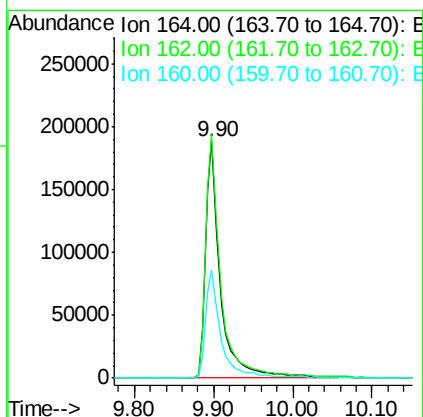
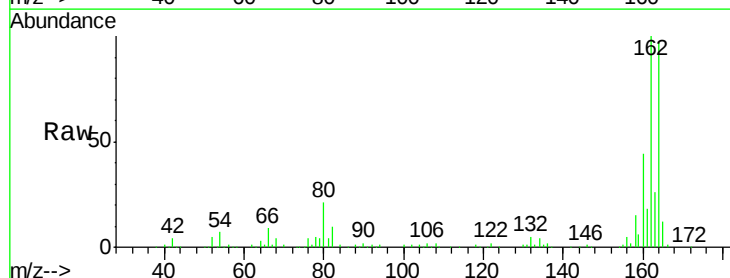
Instrument :
BNA_F
ClientSampled :

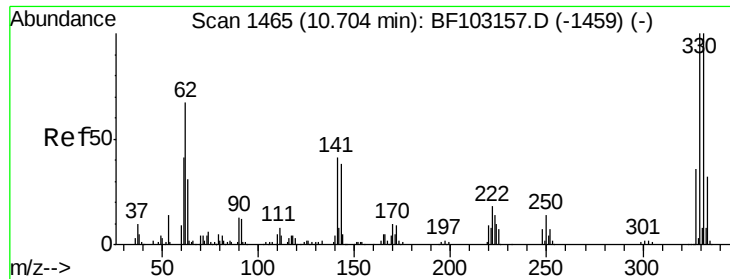
Tot Ion: 82 Resp: 922597
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Tgt Ion:164 Resp: 248834
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 45.6 38.3 57.5

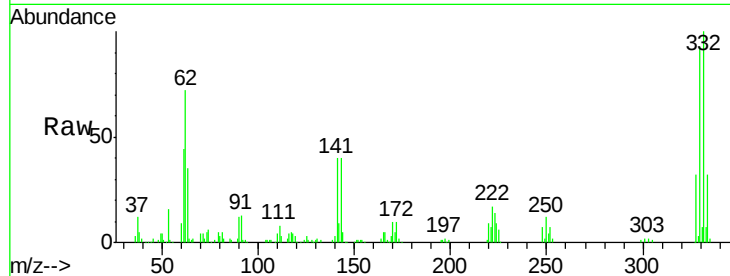




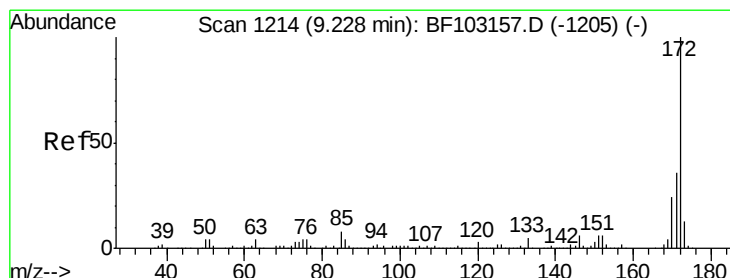
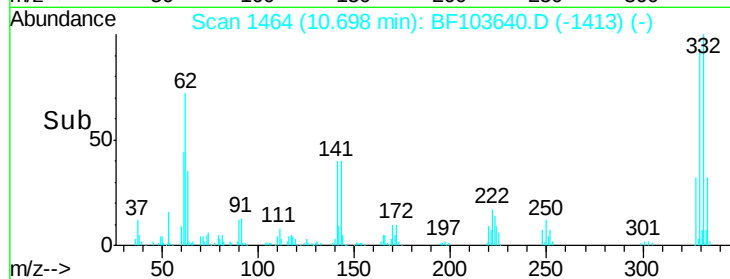
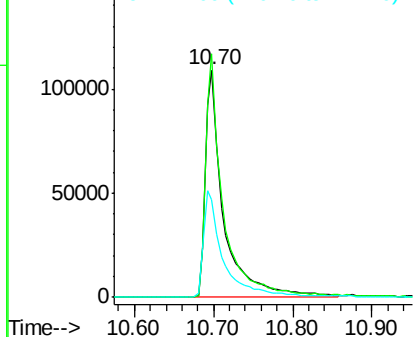
#41
 2,4,6-Tribromophenol
 Concen: 84.118 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103640.D
 Acq: 14 Mar 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 177173
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 50.8 29.9 44.9#

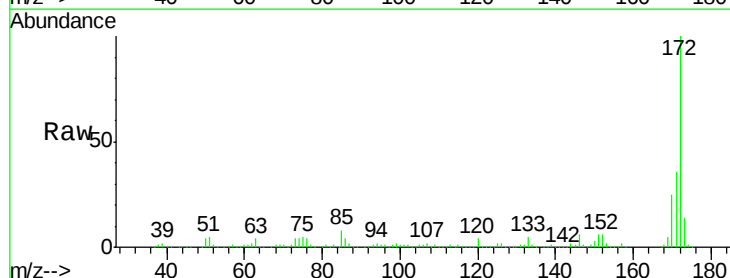


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

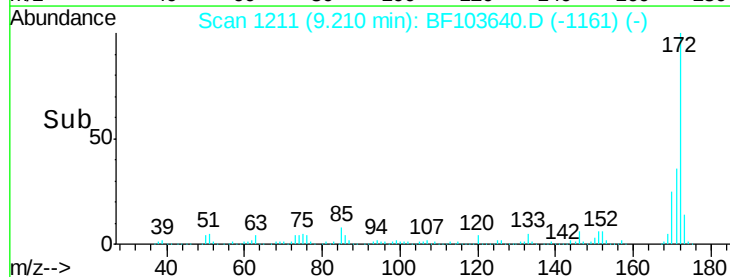
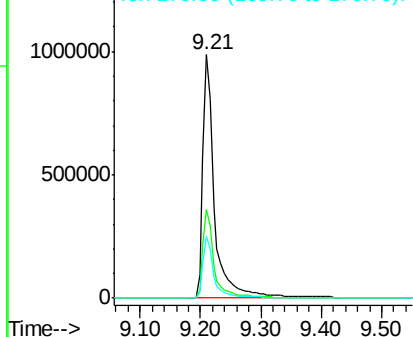


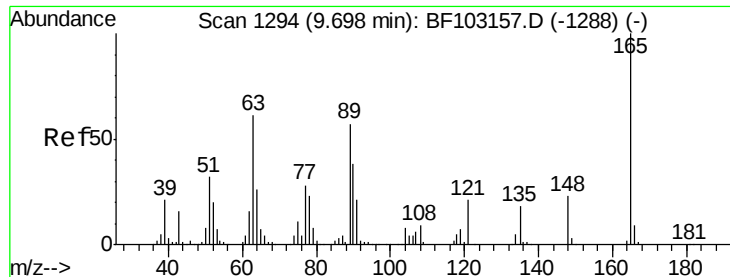
#44
 2-Fluorobiphenyl
 Concen: 96.093 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103640.D
 Acq: 14 Mar 2018 15:05

Tgt Ion:172 Resp: 1346108
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 25.2 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

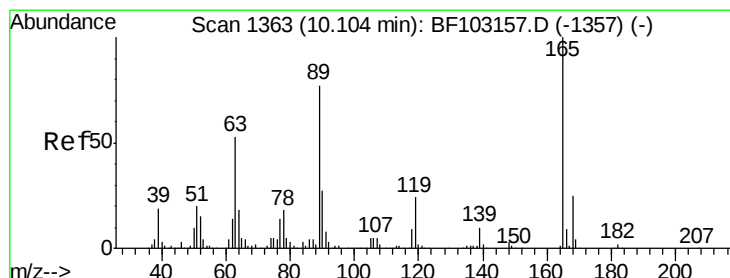
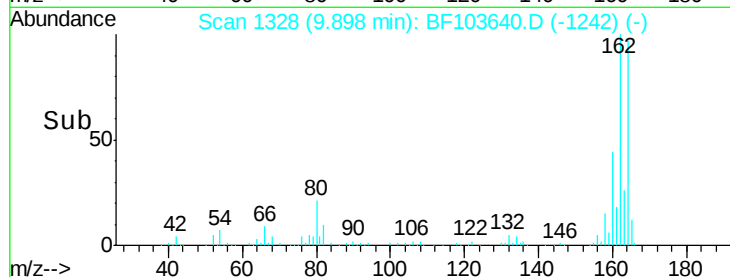
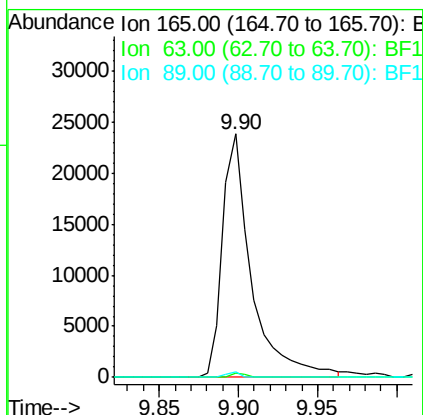
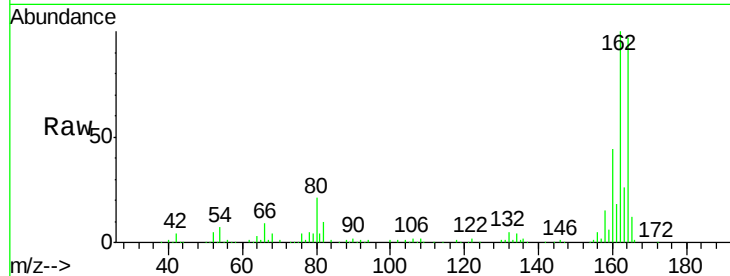




#50
2,6-Dinitrotoluene
Concen: 7.226 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

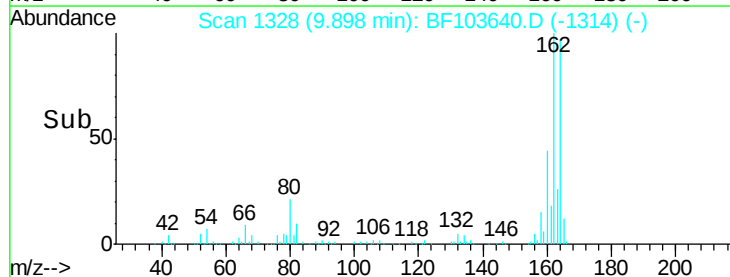
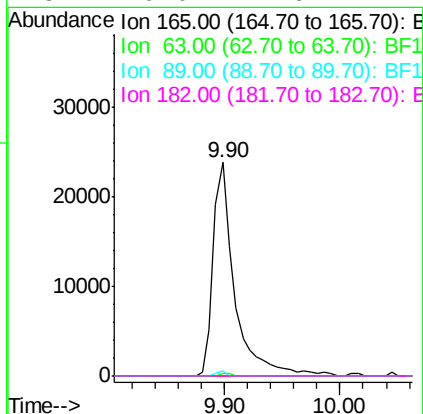
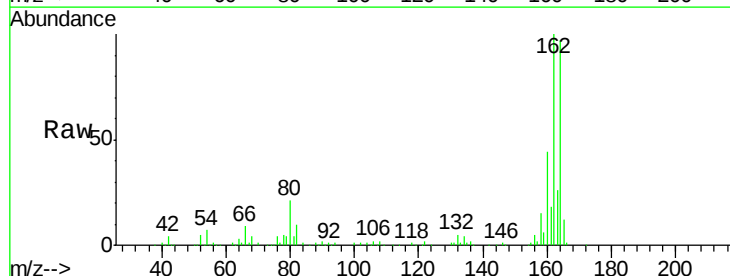
Instrument :
BNA_F
ClientSampleId :

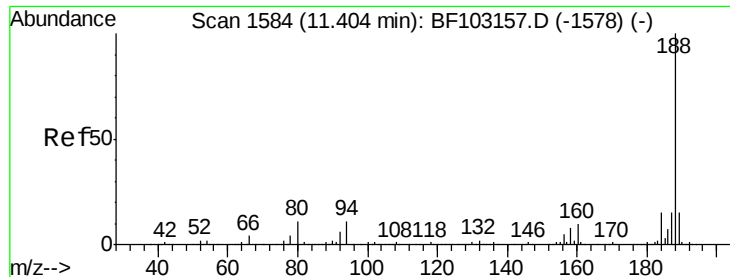
Tot Ion:165 Resp: 30272
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 2.5 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 5.853 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Tgt Ion:165 Resp: 31012
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 2.5 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

Instrument :

BNA_F

ClientSampleId :

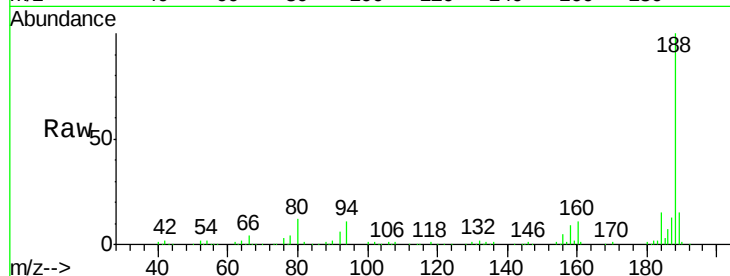
Tot Ion:188 Resp: 422707

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

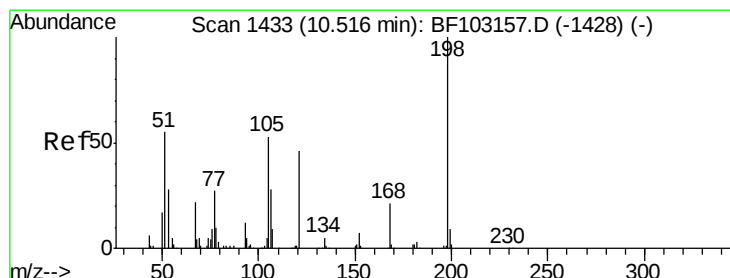
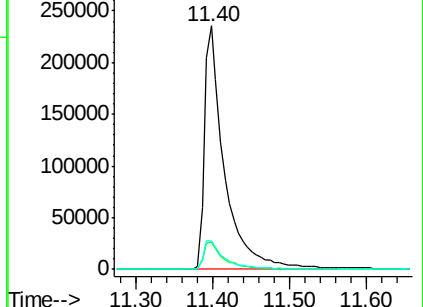
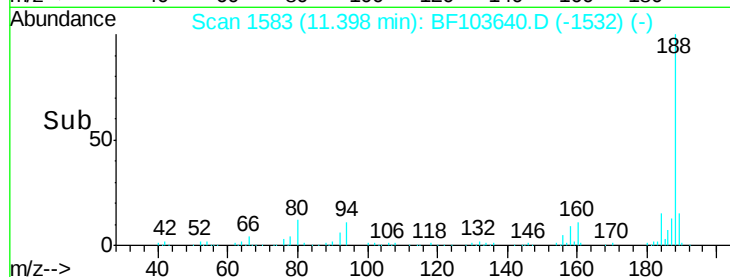
80 11.9 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.028 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103640.D

Acq: 14 Mar 2018 15:05

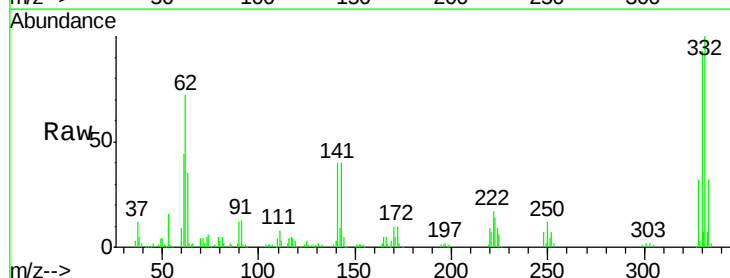
Tgt Ion:198 Resp: 237

Ion Ratio Lower Upper

198 100

51 218.9 37.7 77.7#

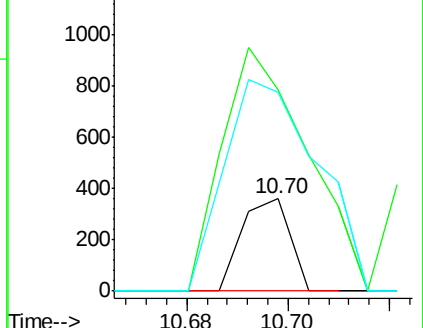
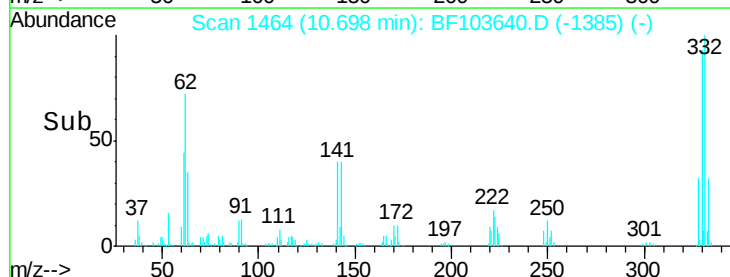
105 215.9 36.3 76.3#

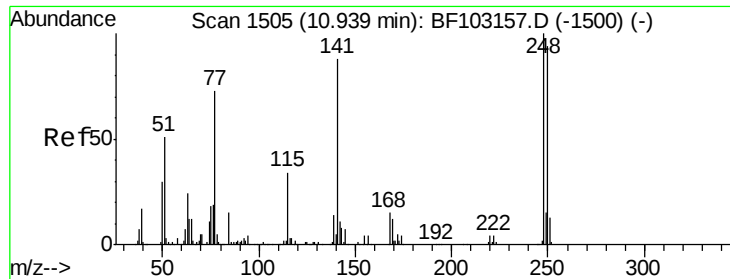


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

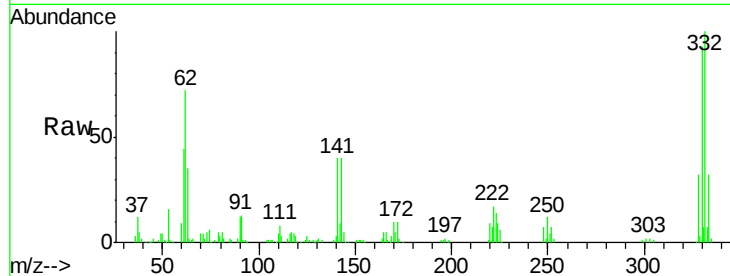




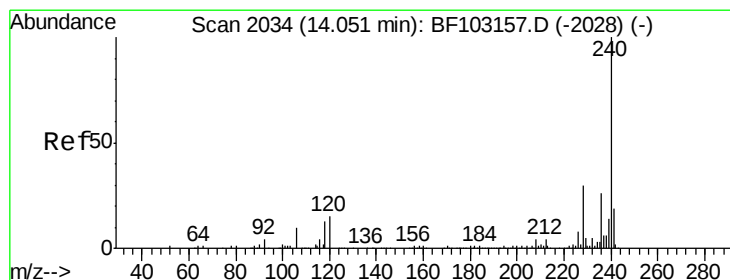
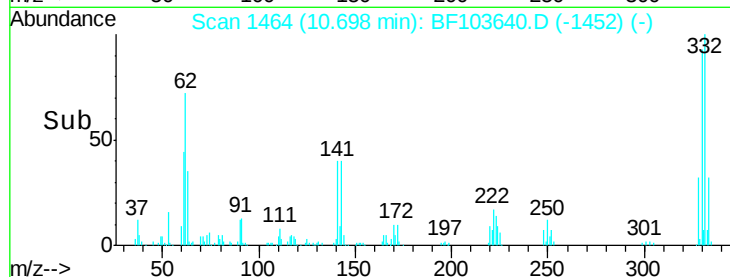
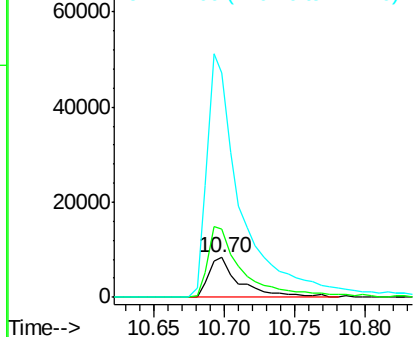
#66
4-Bromophenyl-phenylether
Concen: 2.954 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.23 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13008
Ion Ratio Lower Upper
248 100
250 170.8 76.9 115.3#
141 558.8 74.4 111.6#

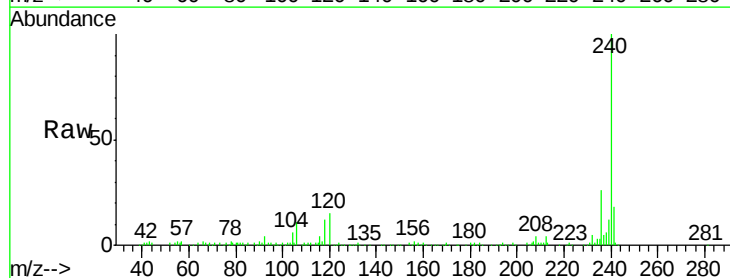


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

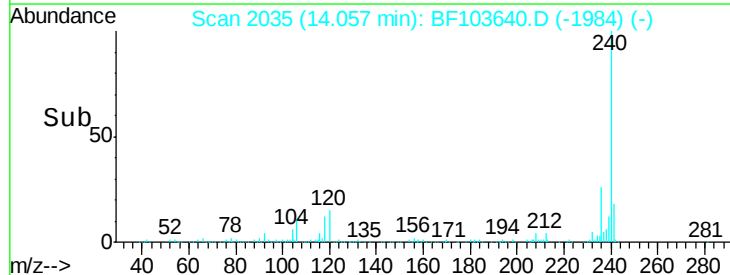
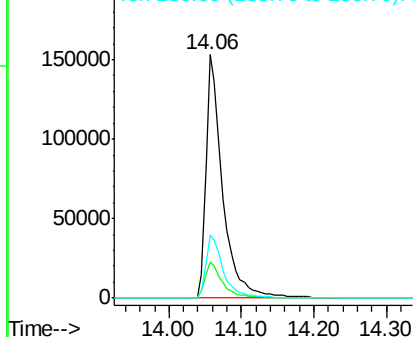


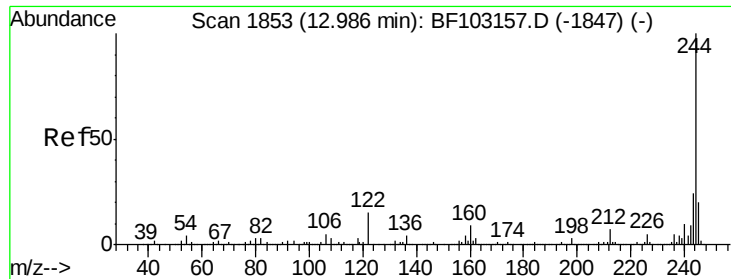
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103640.D
Acq: 14 Mar 2018 15:05

Tgt Ion:240 Resp: 245250
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 25.8 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

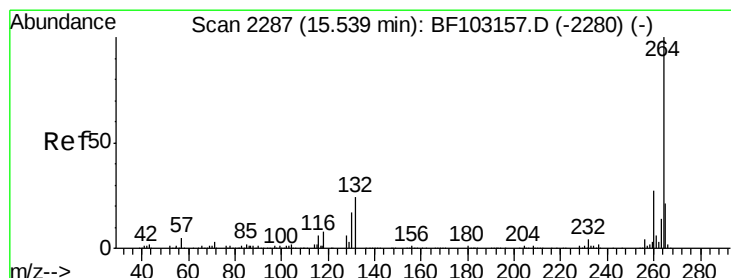
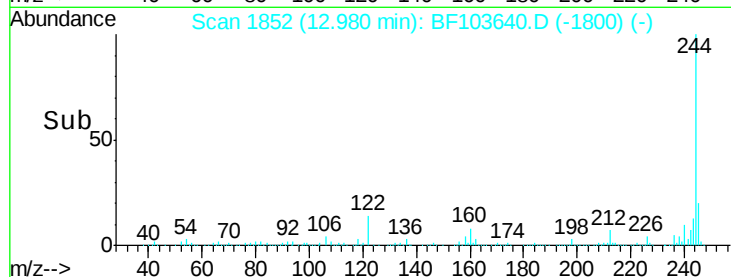
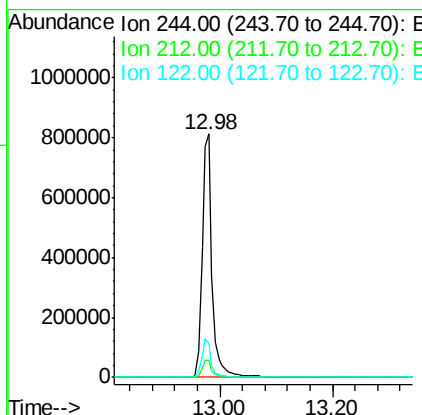
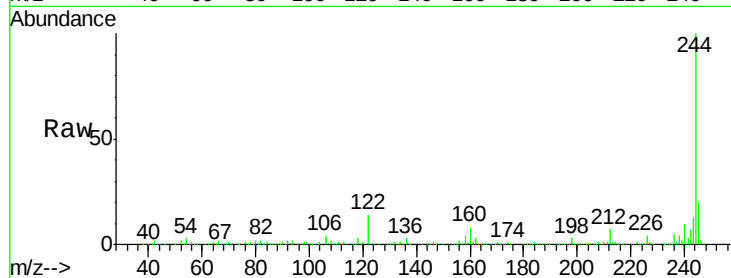




#78
 Terphenyl-d14
 Concen: 97.370 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: BF103640.D
 Acq: 14 Mar 2018 15:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 993403
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BF103640.D
 Acq: 14 Mar 2018 15:05

Tgt Ion:264 Resp: 229307
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 17.5 26.3

