

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103270.D
 Acq On : 27 Feb 2018 18:28
 Operator : SJ/JU
 Sample : J1697-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

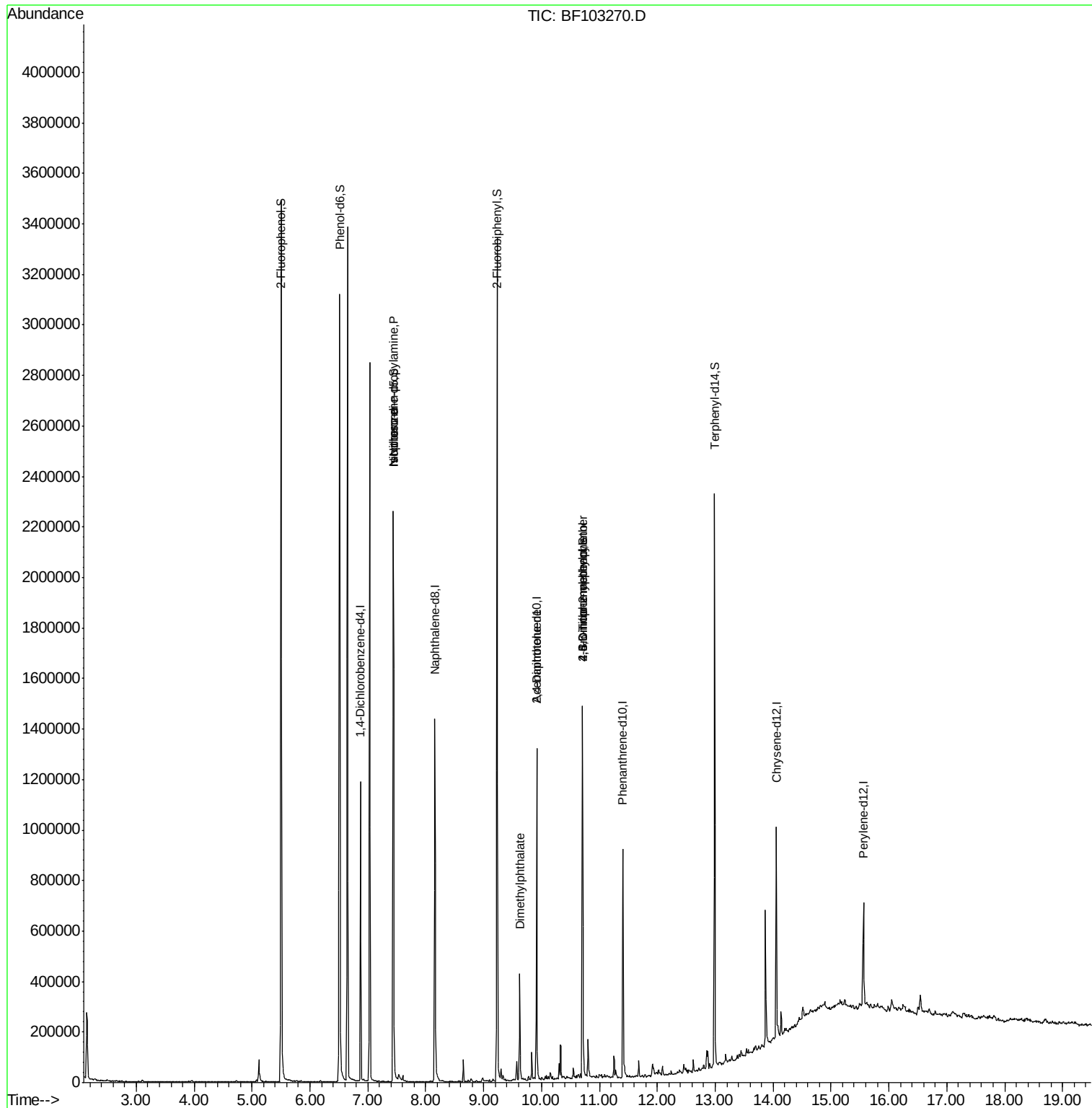
Quant Time: Feb 28 00:00:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

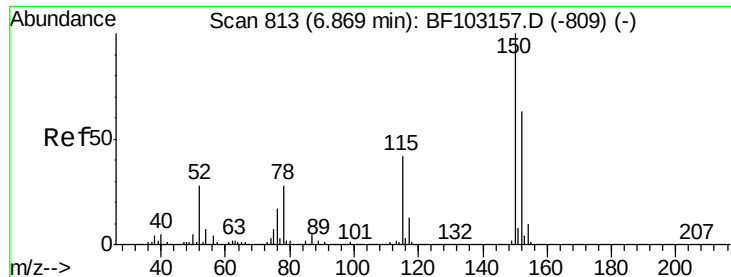
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160541	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	648985	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	247148	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350533	20.00	ng	0.00
75) Chrysene-d12	14.06	240	280810	20.00	ng	0.00
86) Perylene-d12	15.56	264	204466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1028617	96.90	ng	0.01
7) Phenol-d6	6.52	99	1211350	93.26	ng	0.00
23) Nitrobenzene-d5	7.44	82	764744	67.29	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	169750	81.14	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1114108	75.63	ng	0.00
78) Terphenyl-d14	12.99	244	744124	63.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	100657	12.45	ng	# 80
25) Isophorone	7.44	82	764733	34.17	ng	# 64
49) Dimethylphthalate	9.62	163	165243	8.33	ng	99
56) 2,4-Dinitrotoluene	9.92	165	30962	5.88	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	263	5.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	10896	2.98	ng	# 1

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

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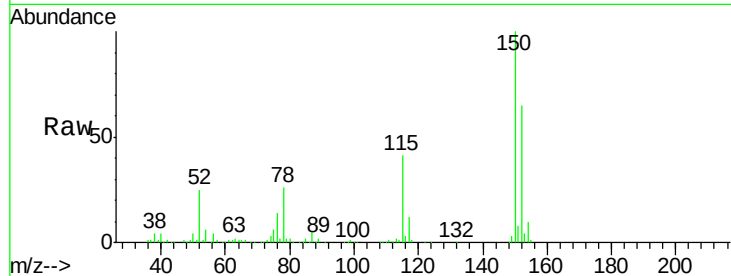


#1

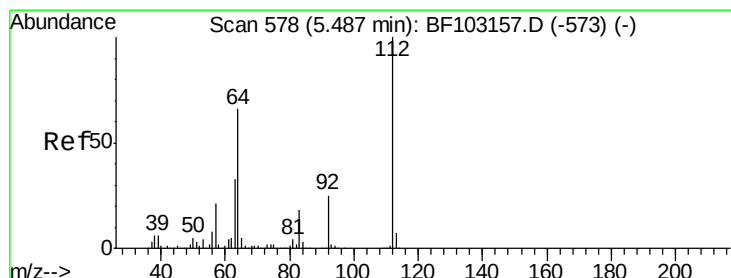
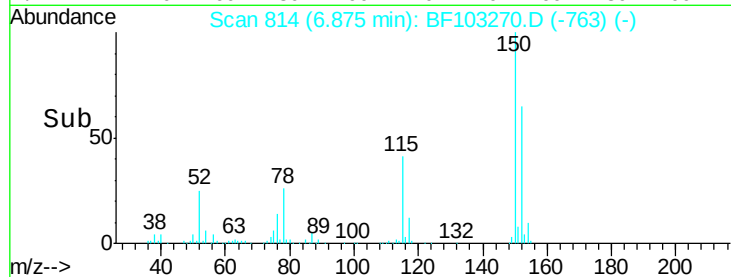
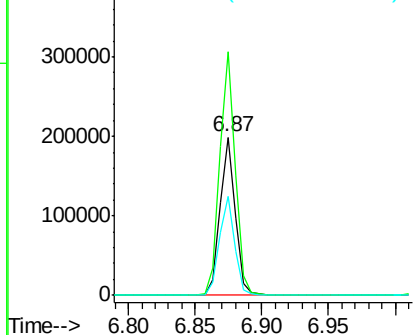
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103270.D
Acq: 27 Feb 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160541
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 62.8 50.1 75.1



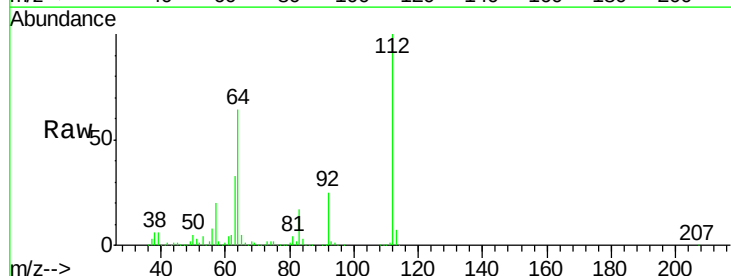
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



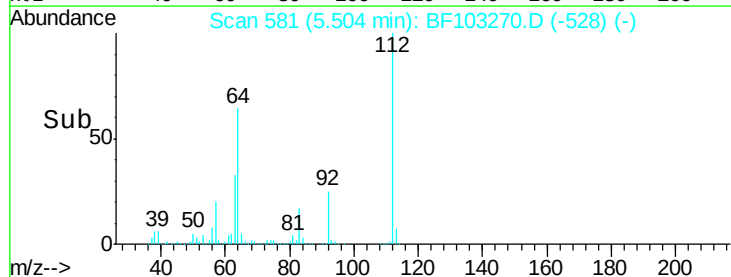
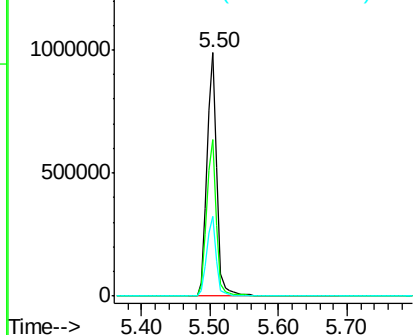
#5

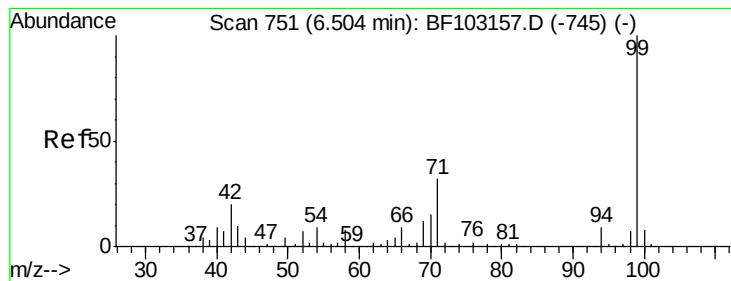
2-Fluorophenol
Concen: 96.90 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103270.D
Acq: 27 Feb 2018 18:28

Tgt Ion:112 Resp: 1028617
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 32.6 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: 93.26 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

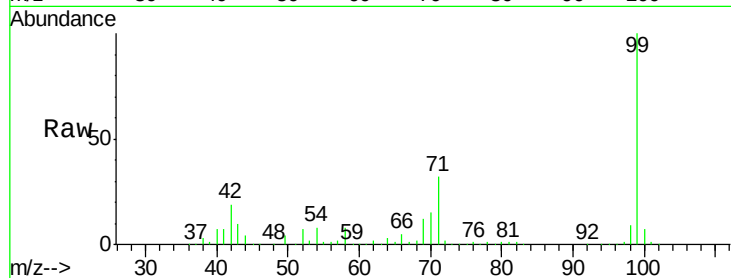
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1211350

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.0	25.4	38.0

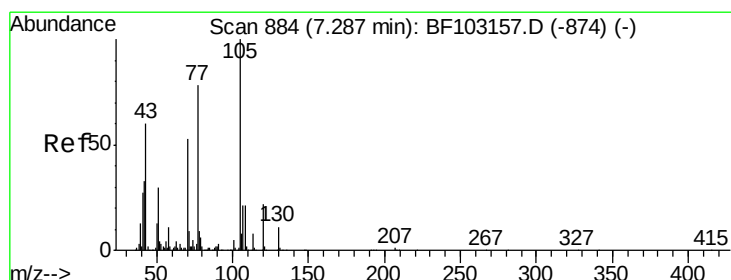
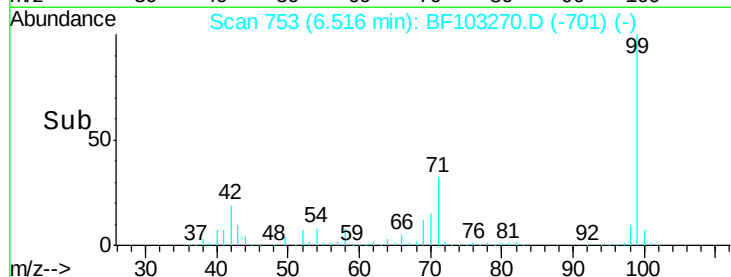
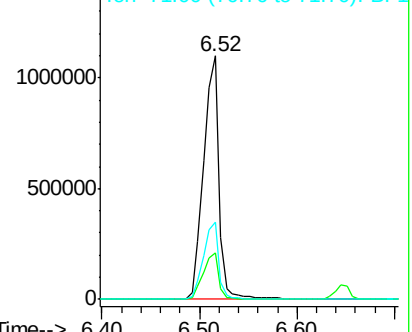


Abundance

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: 12.45 ng

RT: 7.44 min Scan# 910

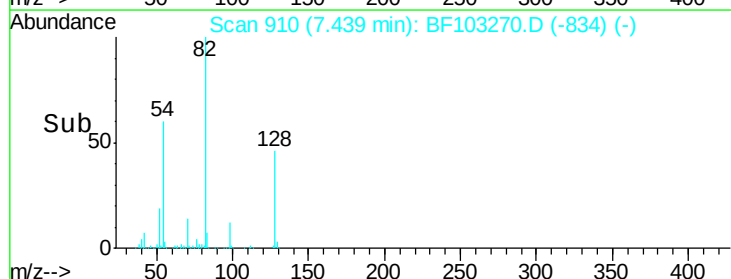
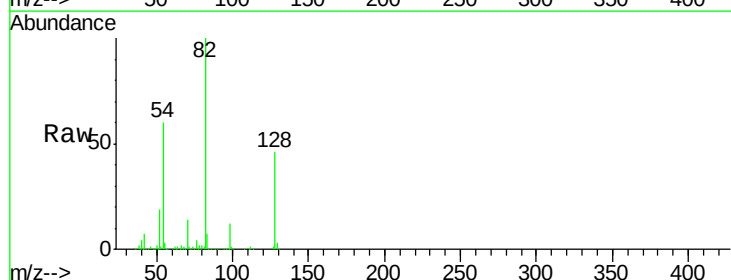
Delta R.T. 0.15 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

Tgt Ion: 70 Resp: 100657

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



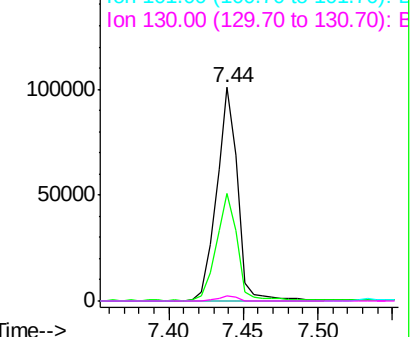
Abundance

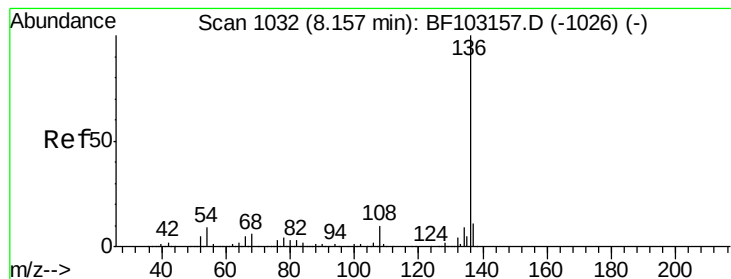
Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 648985

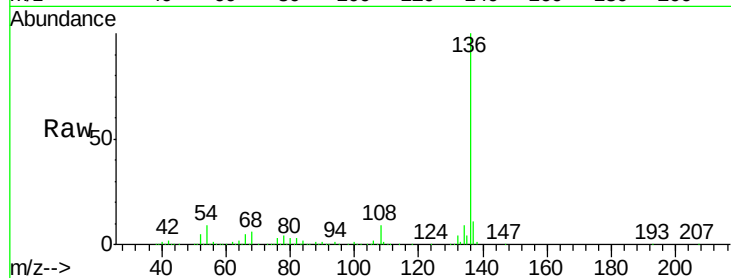
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.4 5.0 7.4

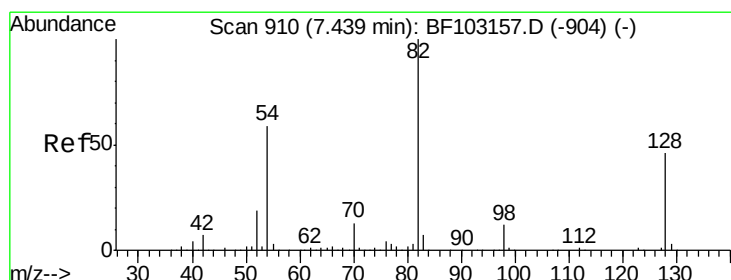
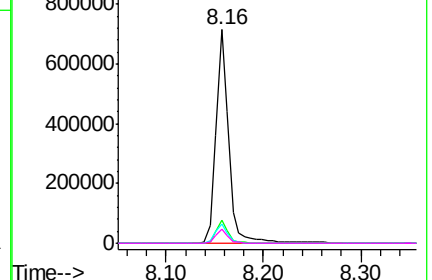
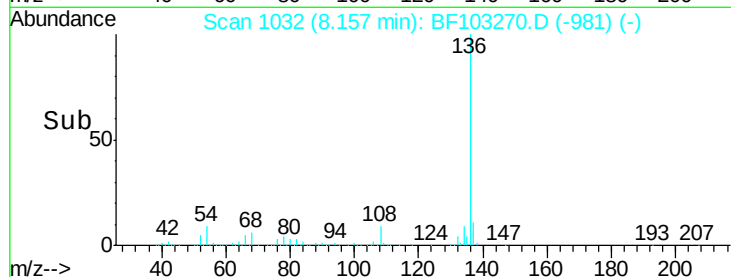


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.29 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

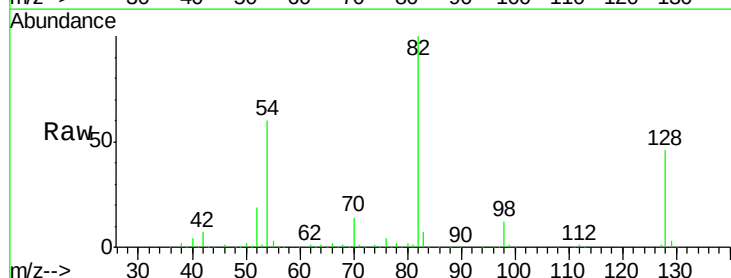
Tgt Ion: 82 Resp: 764744

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

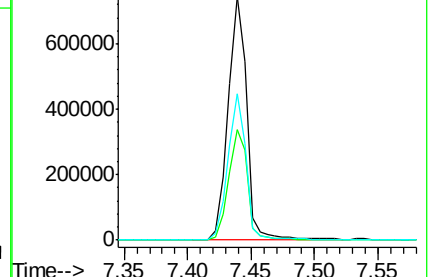
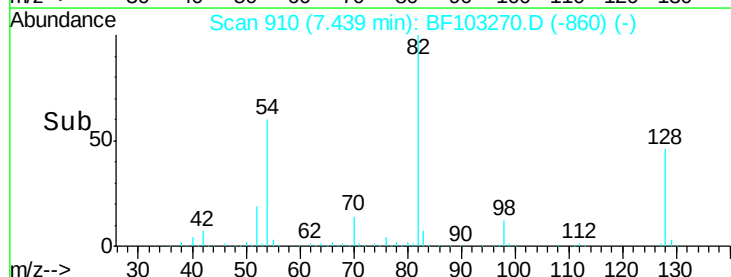
54 60.1 41.4 62.2

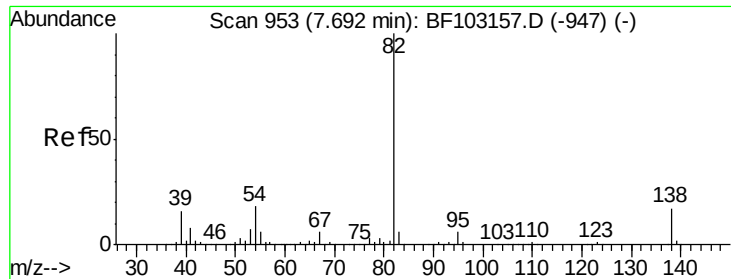


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.17 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

Instrument :

BNA_F

ClientSampleId :

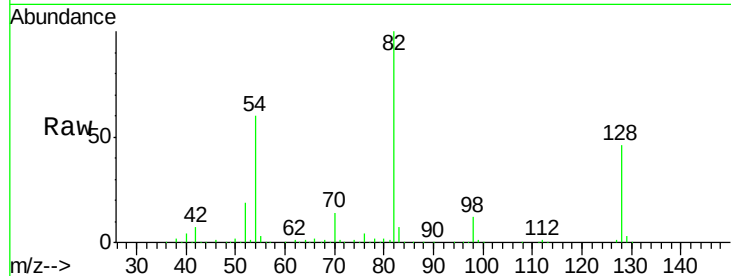
Tot Ion: 82 Resp: 764733

Ion Ratio Lower Upper

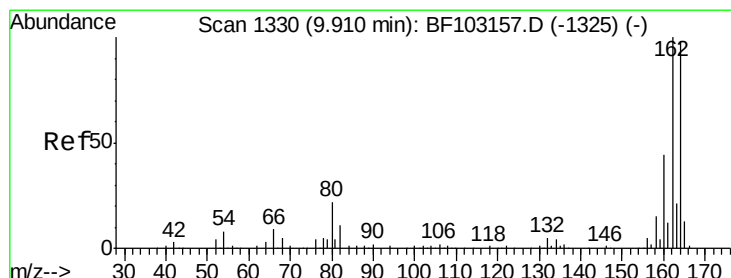
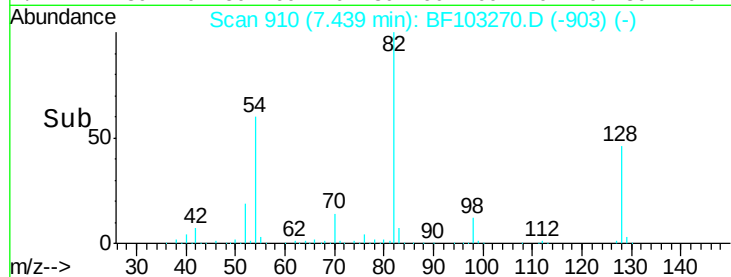
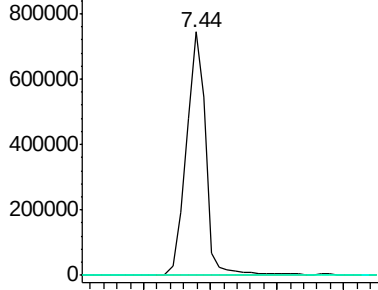
82 100

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. -0.00 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

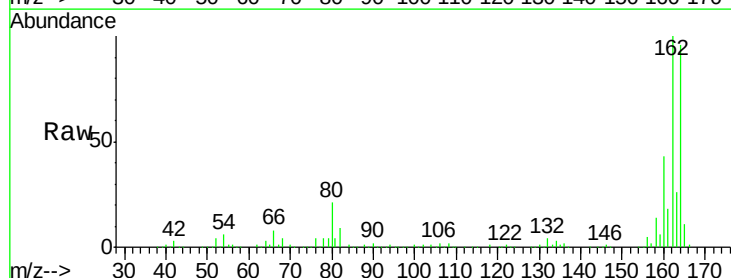
Tgt Ion: 164 Resp: 247148

Ion Ratio Lower Upper

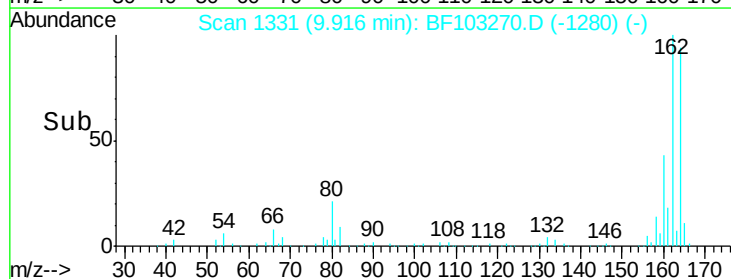
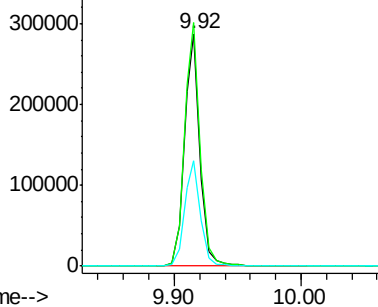
164 100

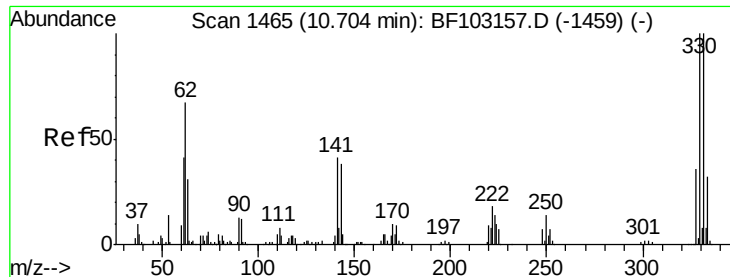
162 104.7 86.1 129.1

160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

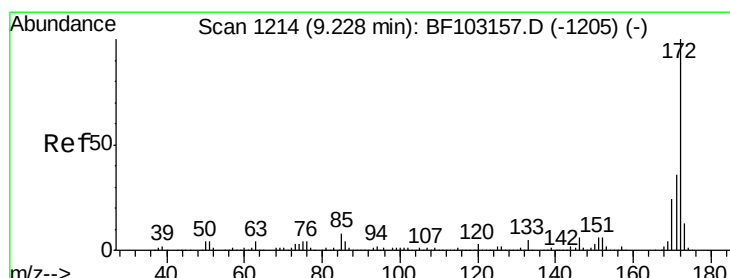
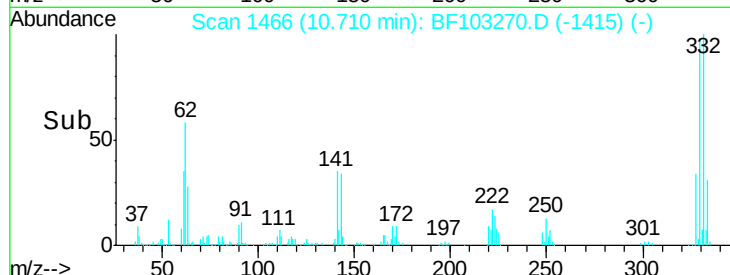
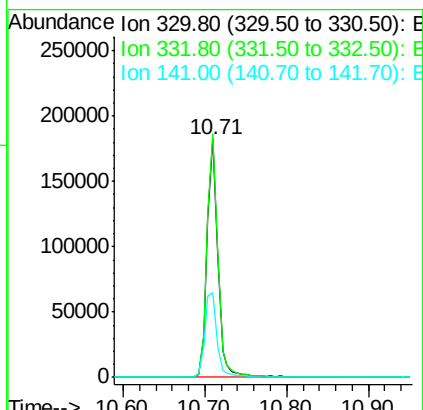
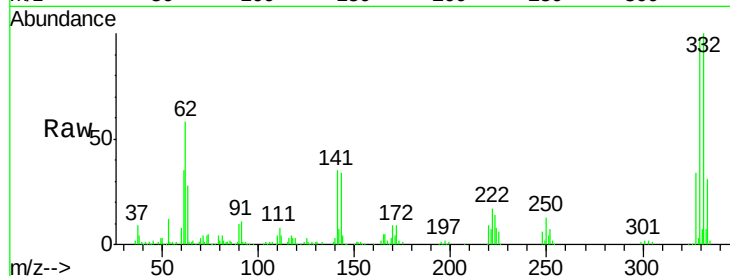




#41
 2,4,6-Tribromophenol
 Concen: 81.14 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103270.D
 Acq: 27 Feb 2018 18:28

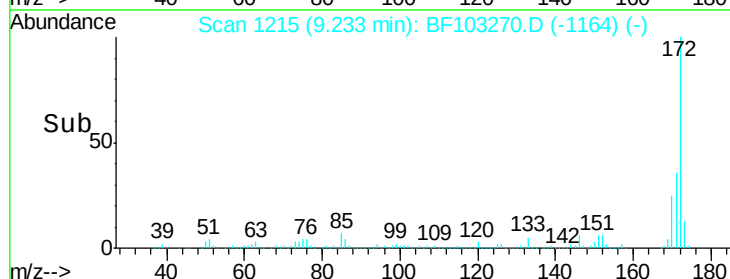
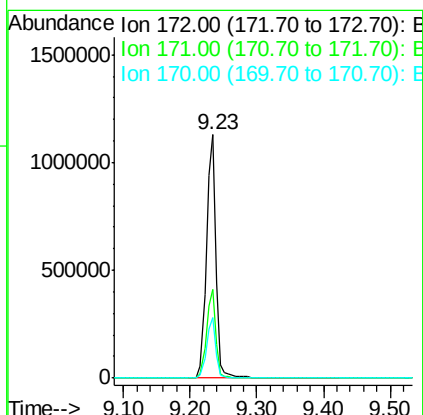
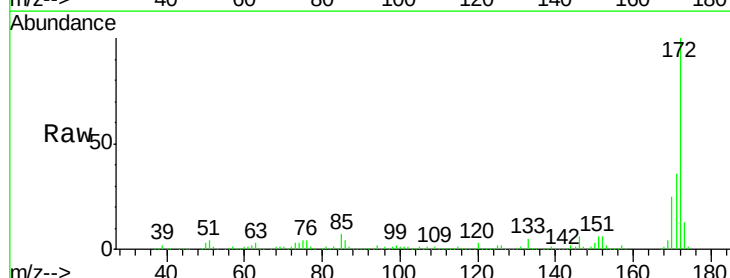
Instrument :
 BNA_F
 ClientSampleId :

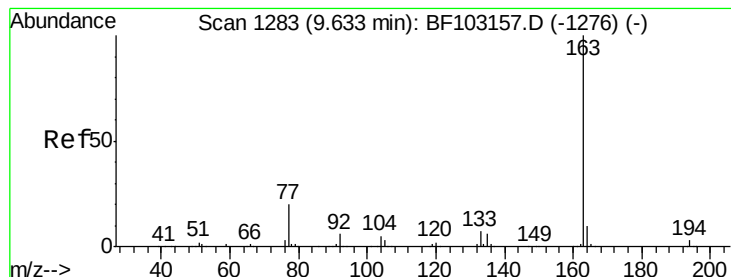
Tot Ion:330 Resp: 169750
 Ion Ratio Lower Upper
 330 100
 332 102.1 77.0 115.6
 141 40.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 75.63 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103270.D
 Acq: 27 Feb 2018 18:28

Tgt Ion:172 Resp: 1114108
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.7 19.6 29.4





#49

Dimethylphthalate

Concen: 8.33 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

Instrument :

BNA_F

ClientSampleId :

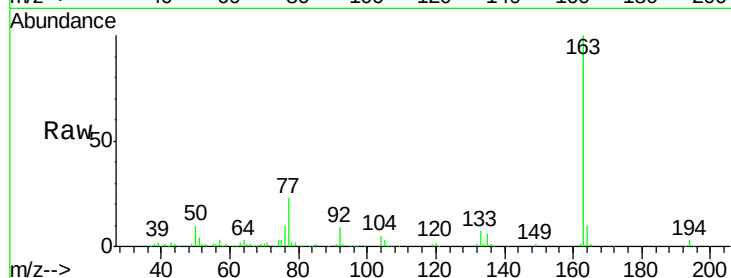
Tot Ion:163 Resp: 165243

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

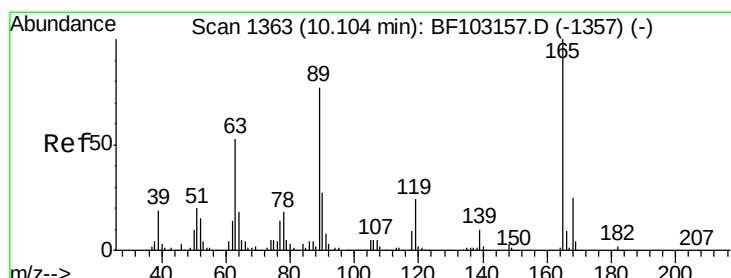
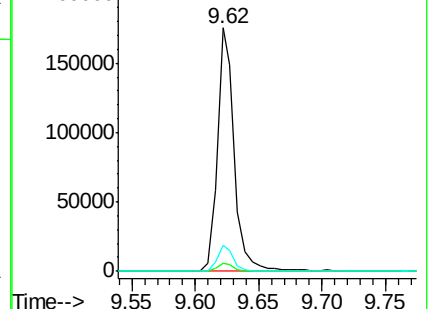
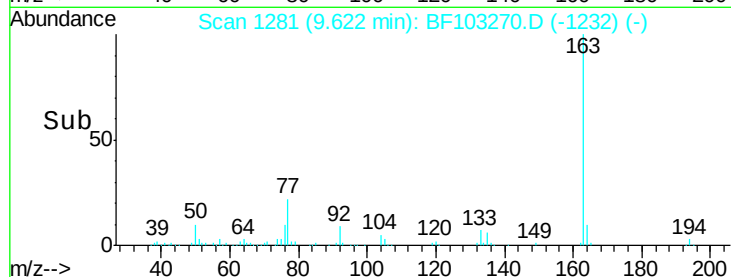
164 10.4 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 5.88 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF103270.D

Acq: 27 Feb 2018 18:28

Tgt Ion:165 Resp: 30962

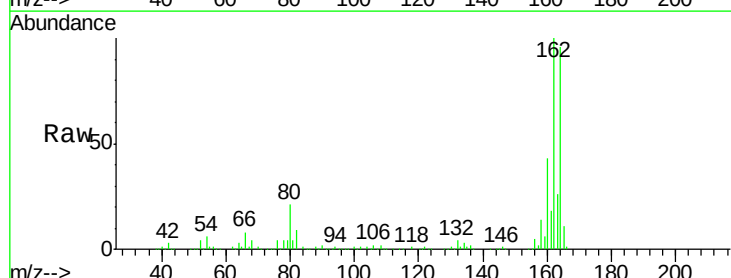
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

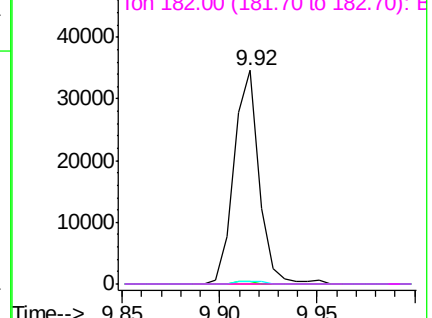
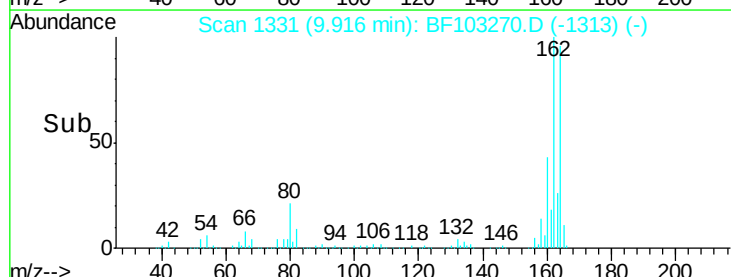


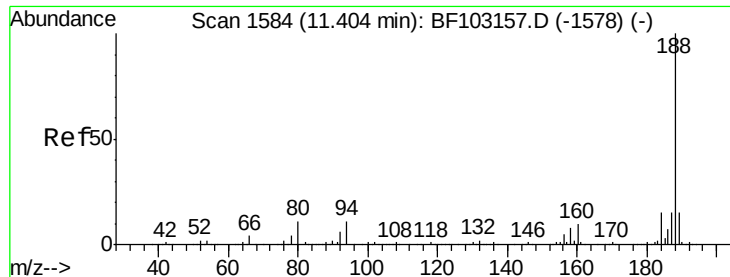
Abundance Ion 165.00 (164.70 to 165.70): E

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

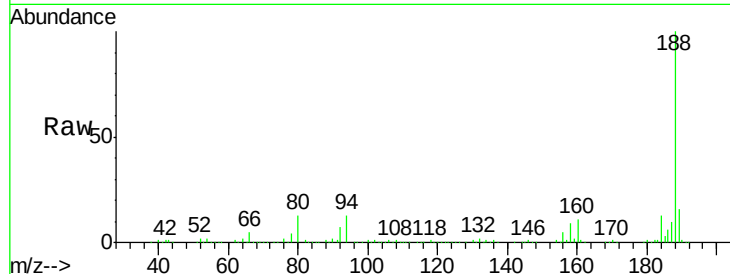




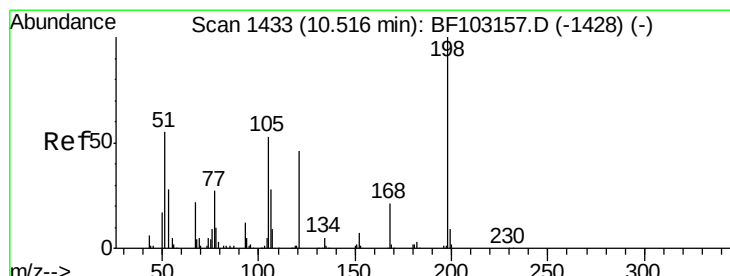
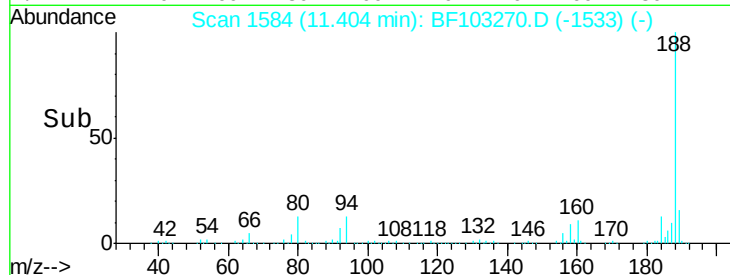
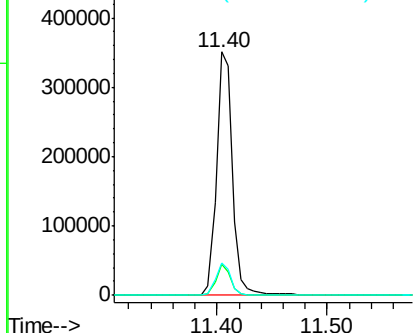
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF103270.D
 Acq: 27 Feb 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 350533
 Ion Ratio Lower Upper
 188 100
 94 12.6 8.5 12.7
 80 13.1 9.2 13.8

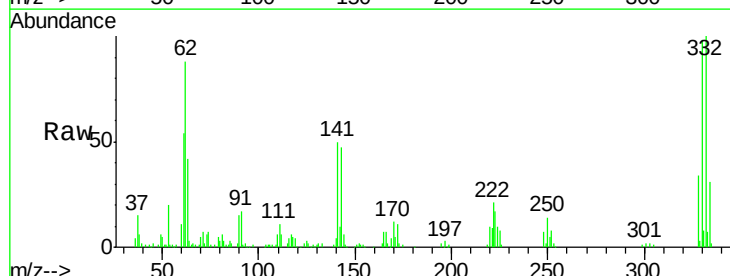


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

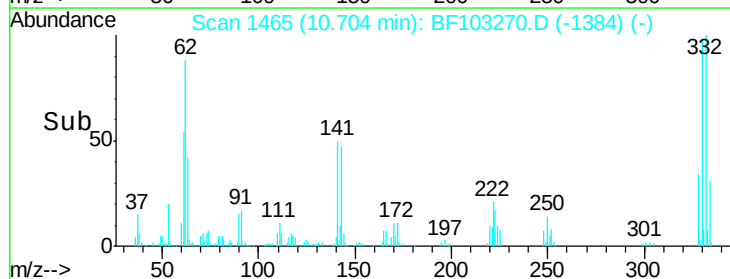
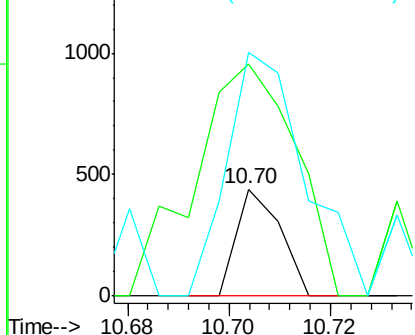


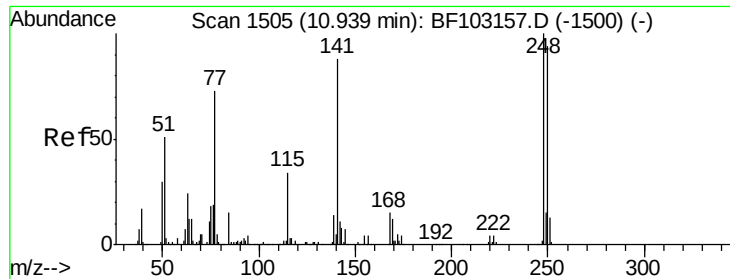
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.06 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103270.D
 Acq: 27 Feb 2018 18:28

Tgt Ion:198 Resp: 263
 Ion Ratio Lower Upper
 198 100
 51 216.6 37.7 77.7#
 105 227.2 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

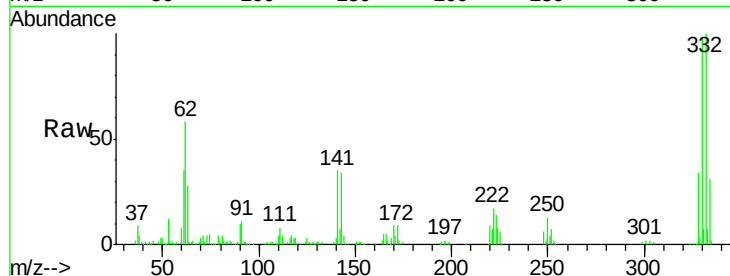




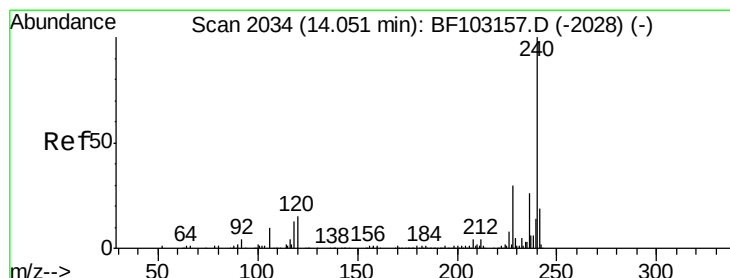
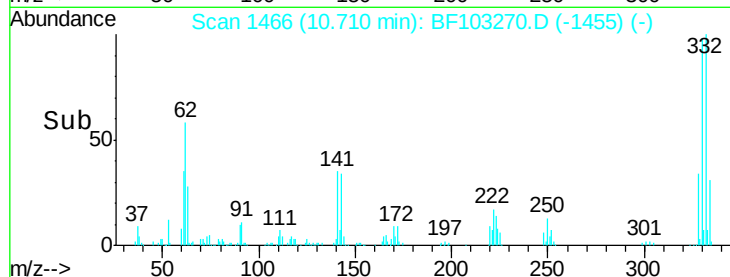
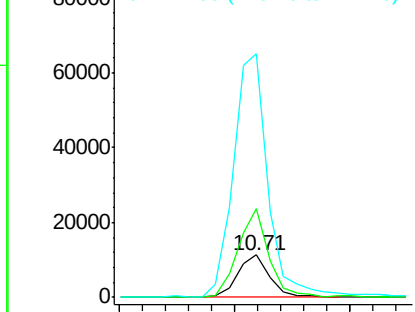
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103270.D
Acq: 27 Feb 2018 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10896
Ion Ratio Lower Upper
248 100
250 209.7 76.9 115.3#
141 574.5 74.4 111.6#

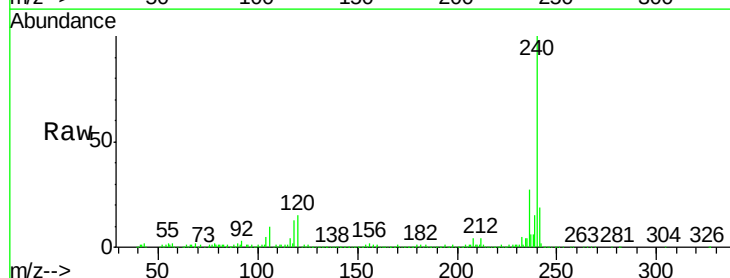


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

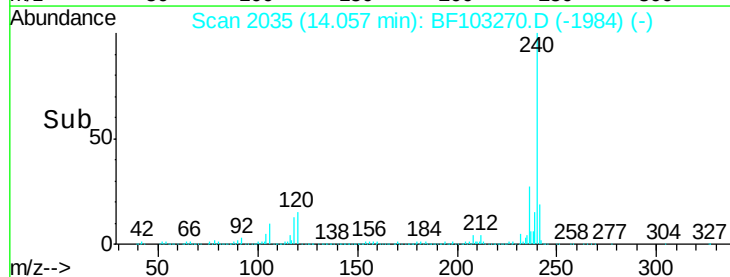
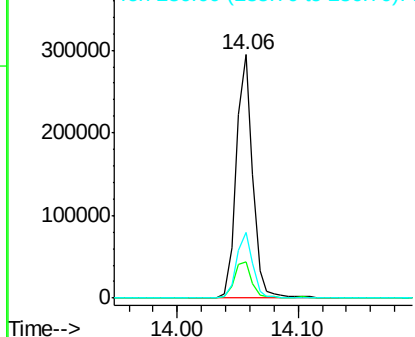


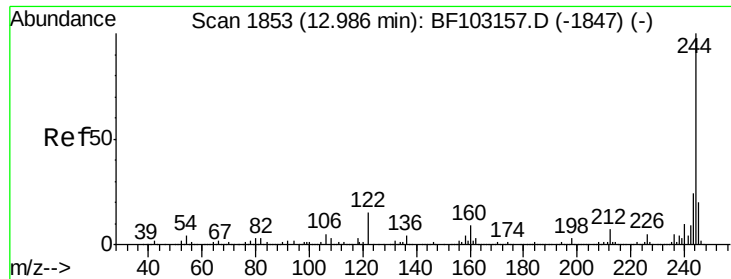
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103270.D
Acq: 27 Feb 2018 18:28

Tgt Ion:240 Resp: 280810
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 27.0 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

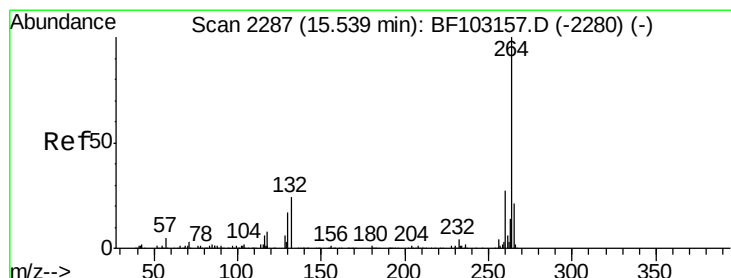
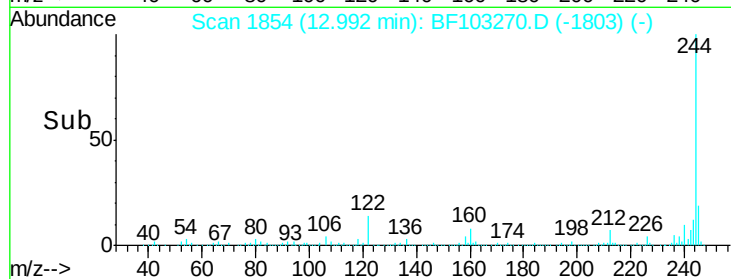
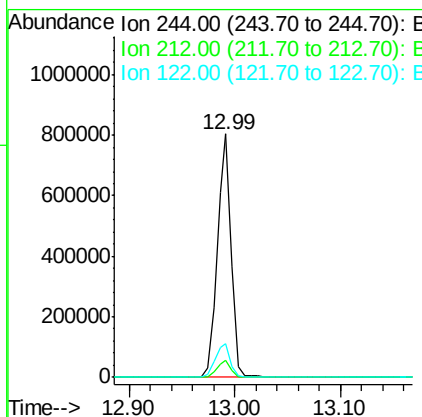
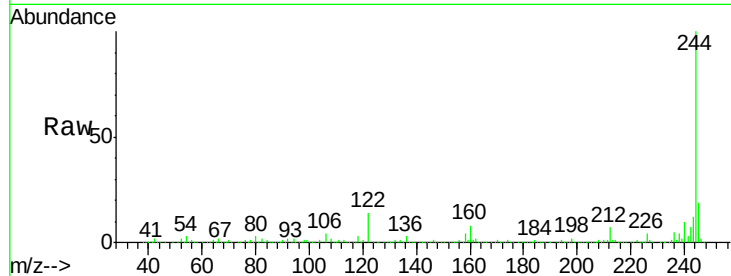




#78
 Terphenyl-d14
 Concen: 63.70 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BF103270.D
 Acq: 27 Feb 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 744124
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BF103270.D
 Acq: 27 Feb 2018 18:28

Tgt Ion:264 Resp: 204466
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.5 26.3

