

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103259.D
 Acq On : 27 Feb 2018 13:35
 Operator : SJ/JU
 Sample : PB106864BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 16:52:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

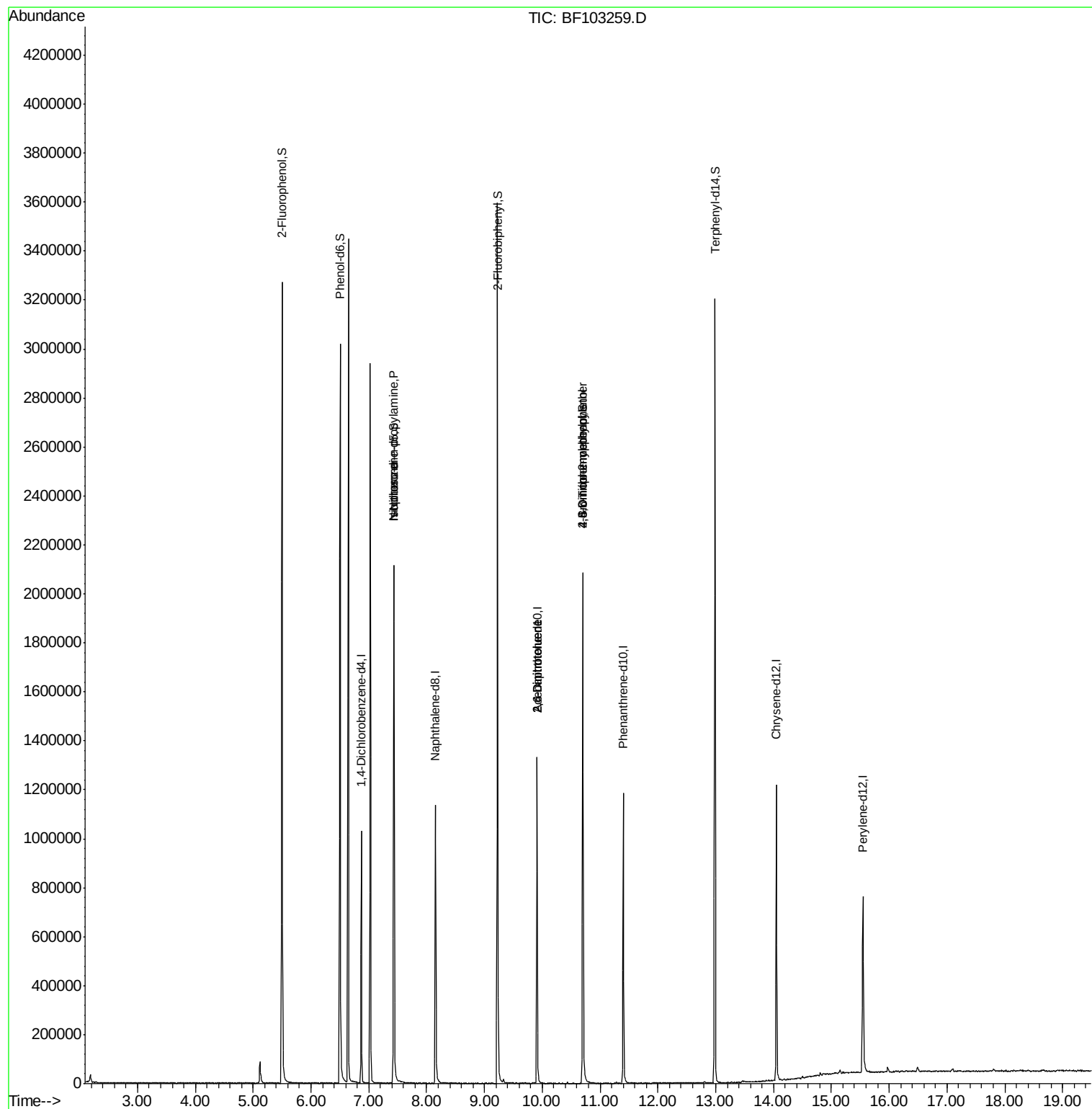
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	137582	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	579022	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	267117	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	490404	20.00	ng	0.00
75) Chrysene-d12	14.05	240	419967	20.00	ng	0.00
86) Perylene-d12	15.55	264	384058	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1003172	110.28	ng	0.01
7) Phenol-d6	6.50	99	1192452	107.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	781626	77.09	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	254261	112.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1254803	79.73	ng	0.00
78) Terphenyl-d14	12.99	244	1228171	70.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1764	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	103899	14.998	ng	# 1
25) Isophorone	7.43	82	781620	39.142	ng	# 80
50) 2,6-Dinitrotoluene	9.91	165	32832	7.301	ng	# 64
56) 2,4-Dinitrotoluene	9.91	165	32832	5.773	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.70	198	538	5.107	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	16664	3.262	ng	# 1
						# 1

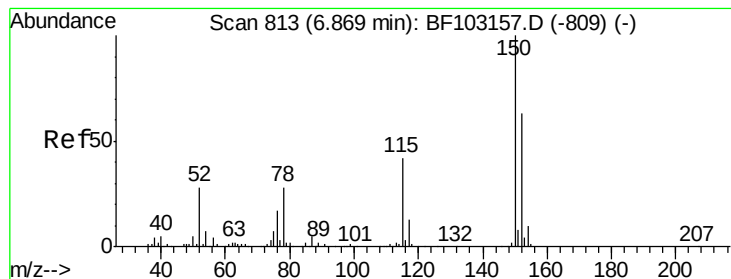
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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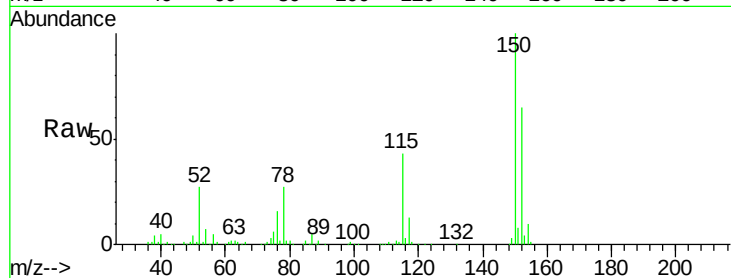


#1

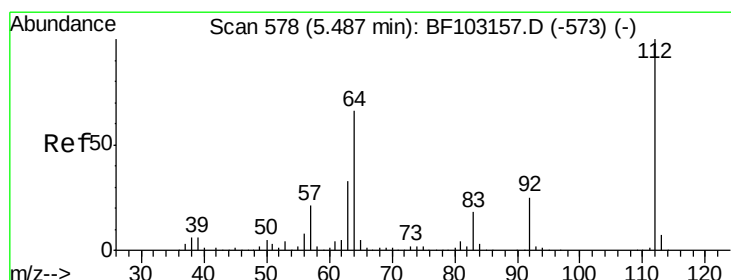
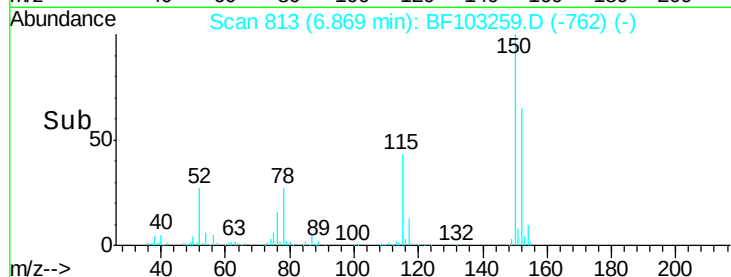
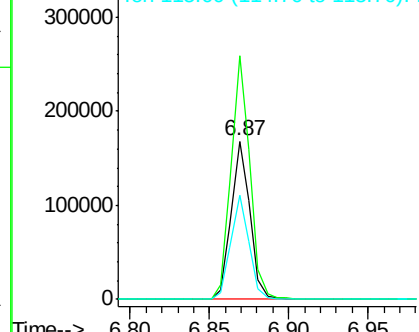
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137582
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 65.6 50.1 75.1



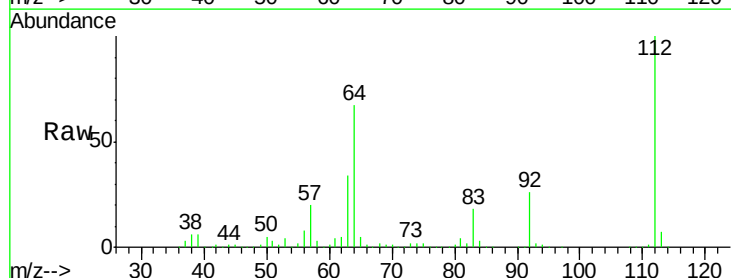
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



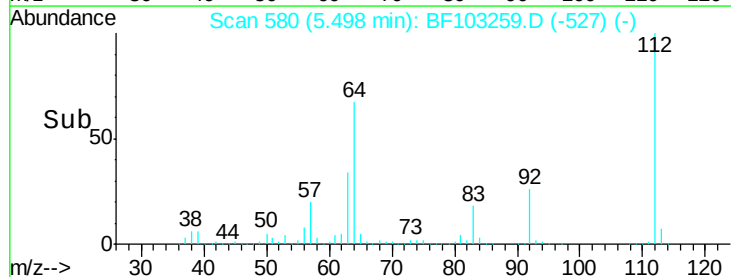
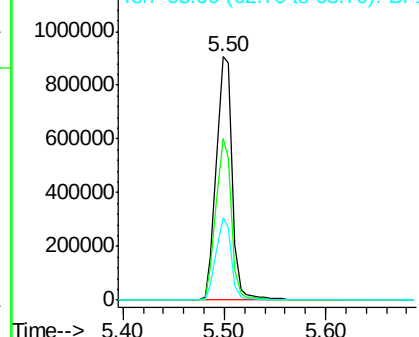
#5

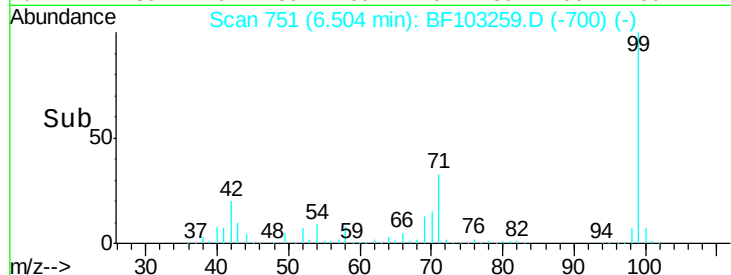
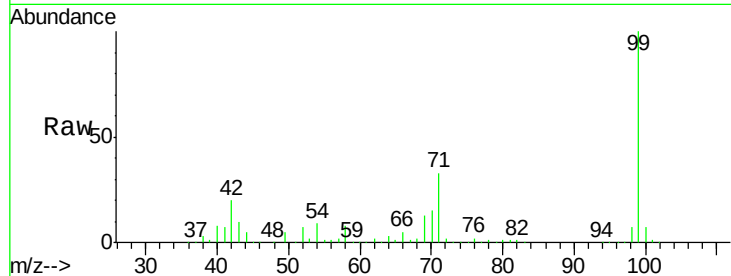
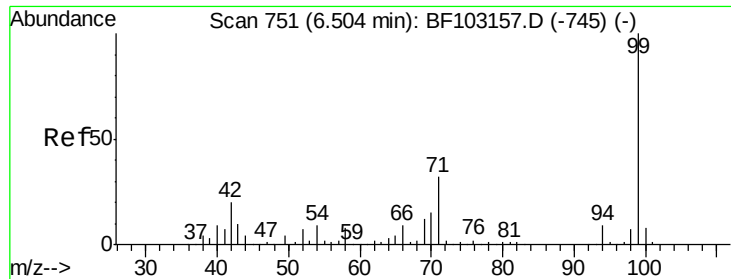
2-Fluorophenol
Concen: 110.278 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

Tgt Ion:112 Resp: 1003172
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 33.7 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: 107.127 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103259.D

Acq: 27 Feb 2018 13:35

Instrument :

BNA_F

ClientSampleId :

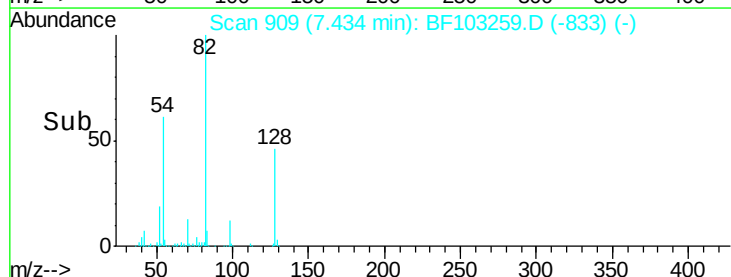
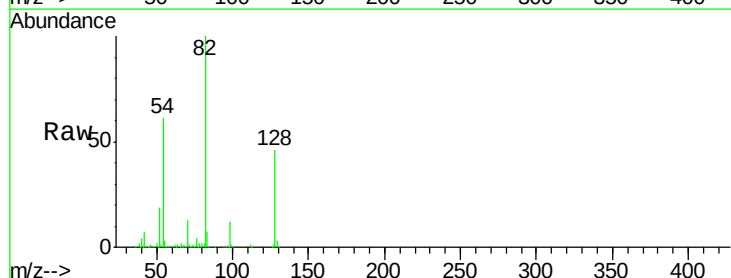
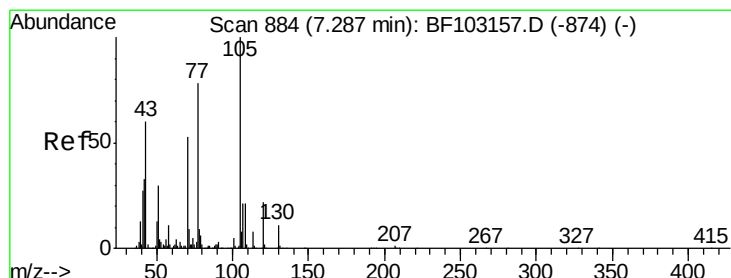
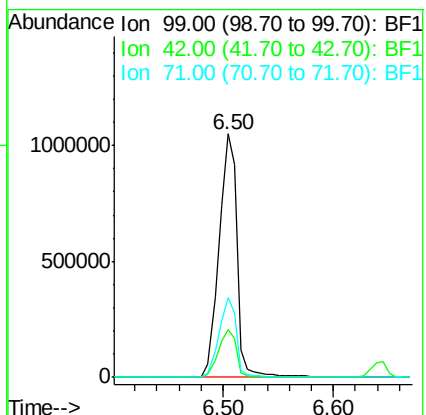
Tot Ion: 99 Resp: 1192452

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.998 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103259.D

Acq: 27 Feb 2018 13:35

Tgt Ion: 70 Resp: 103899

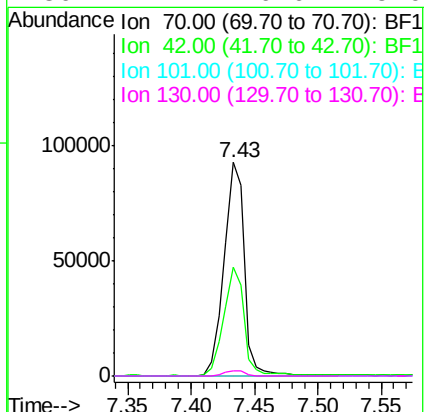
Ion Ratio Lower Upper

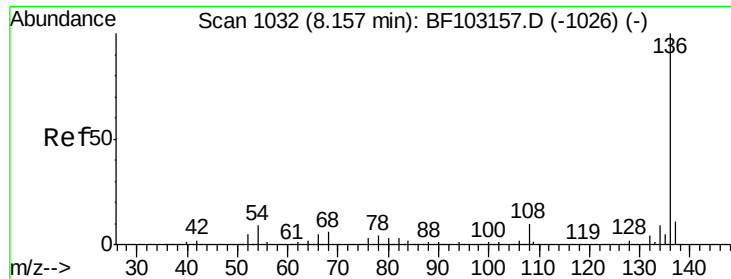
70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

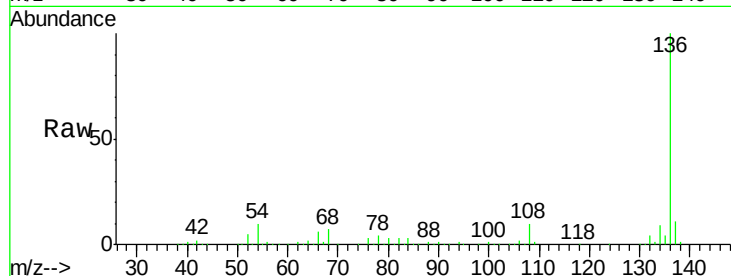




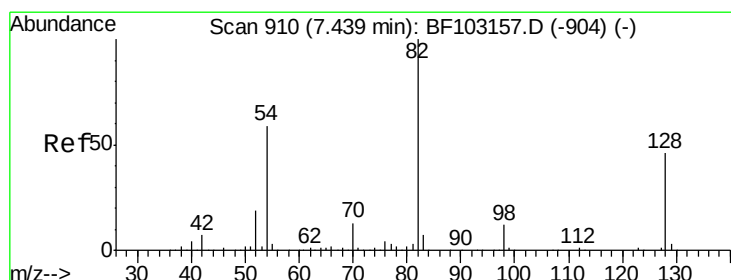
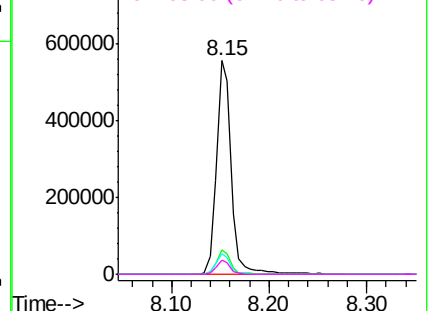
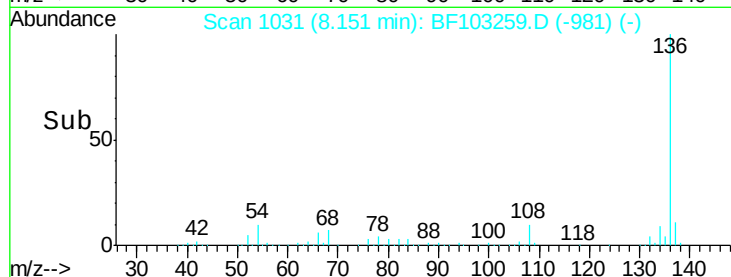
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	579022
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	9.7	6.6 9.8
68	6.8	5.0 7.4

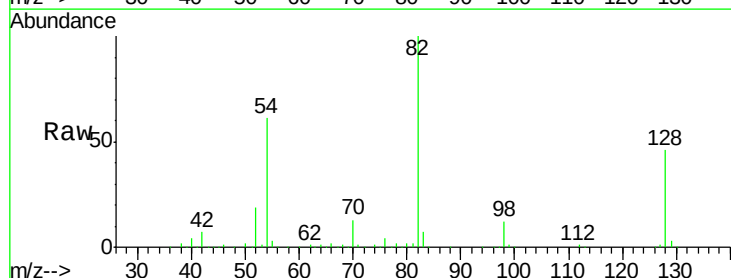


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

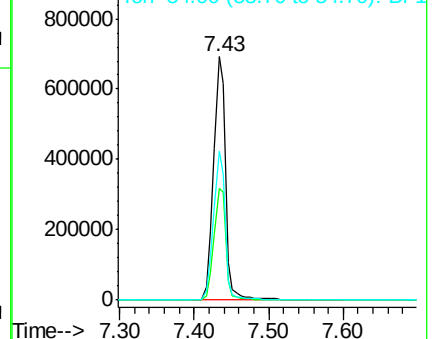
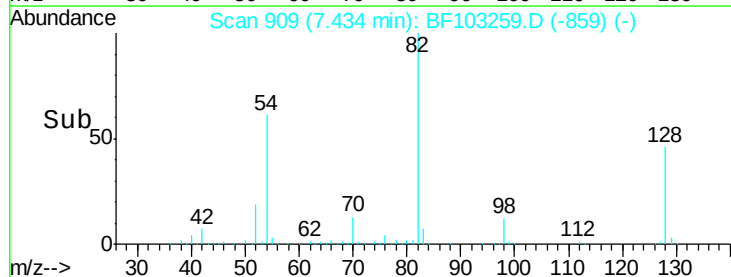


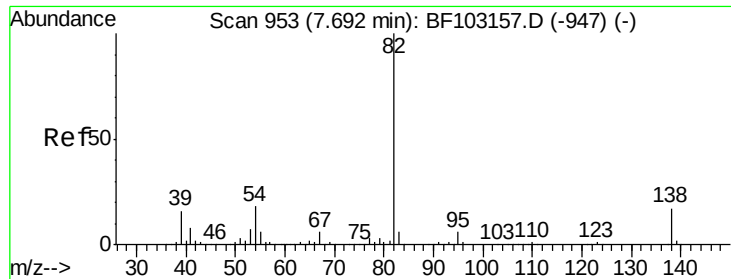
#23
Nitrobenzene-d5
Concen: 77.091 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

Tgt Ion: 82	Resp:	781626
Ion	Ratio	Lower Upper
82	100	
128	45.7	36.1 54.1
54	61.0	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: 39.142 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103259.D

Acq: 27 Feb 2018 13:35

Instrument :

BNA_F

ClientSampleId :

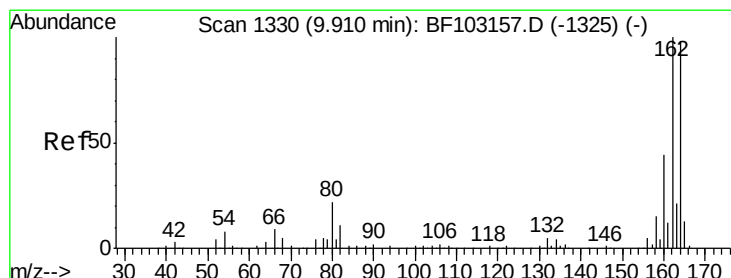
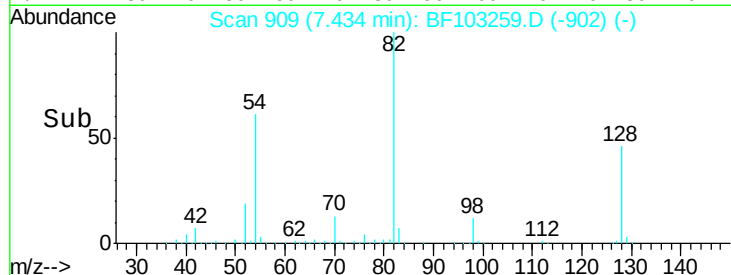
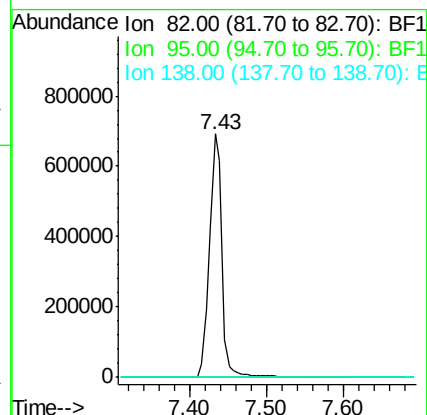
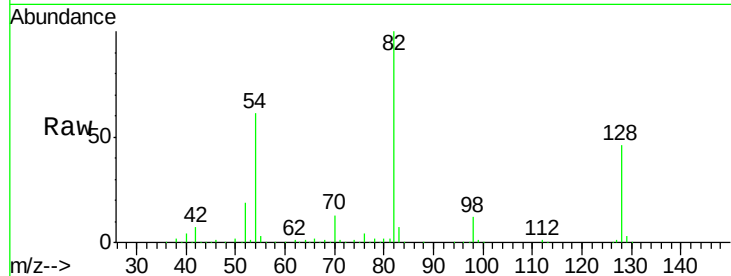
Tot Ion: 82 Resp: 781620

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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103259.D

Acq: 27 Feb 2018 13:35

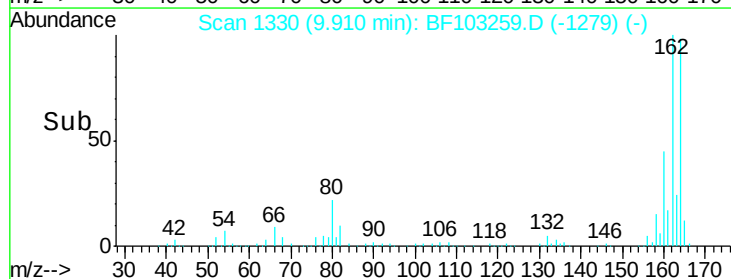
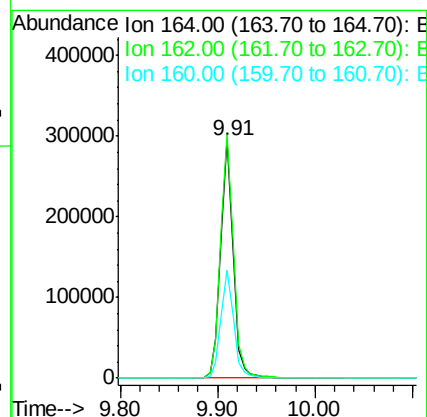
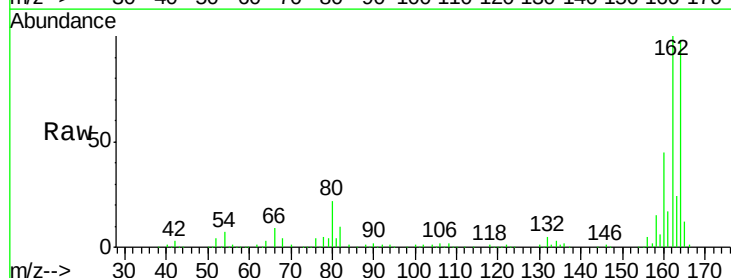
Tgt Ion:164 Resp: 267117

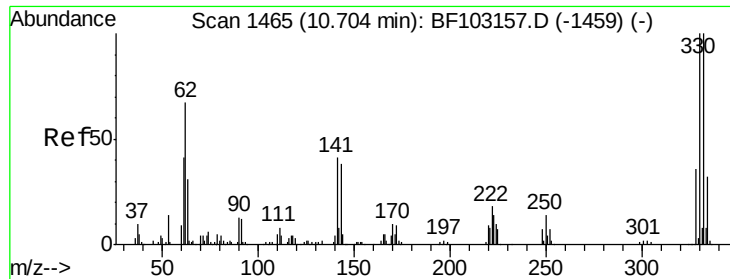
Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

160 45.5 38.3 57.5

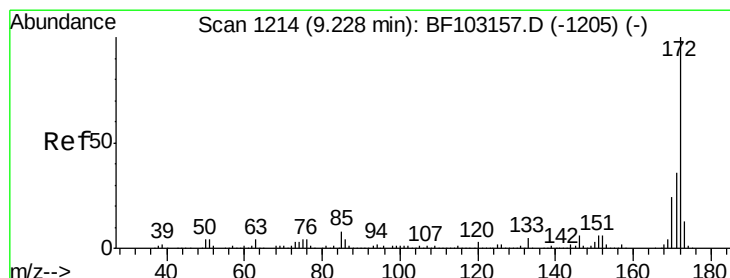
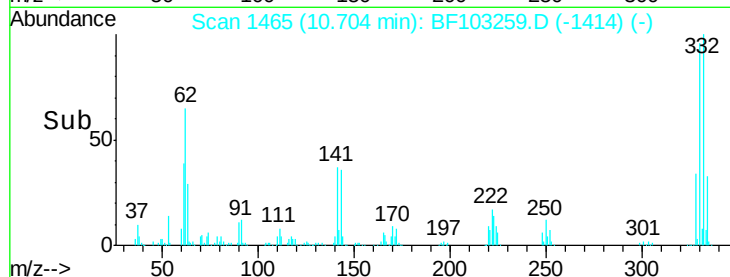
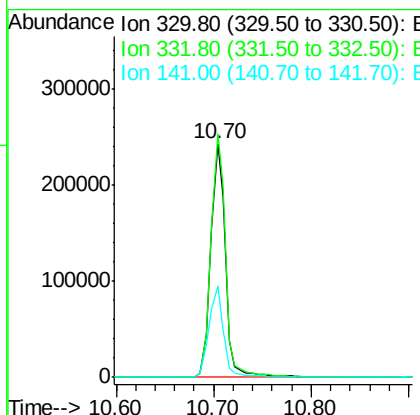
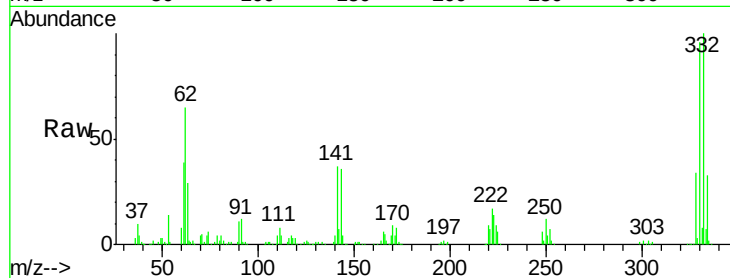




#41
 2,4,6-Tribromophenol
 Concen: 112.455 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103259.D
 Acq: 27 Feb 2018 13:35

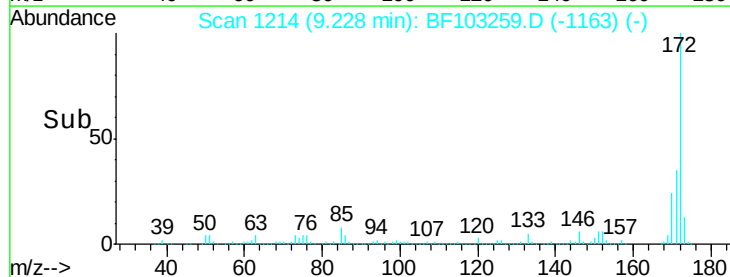
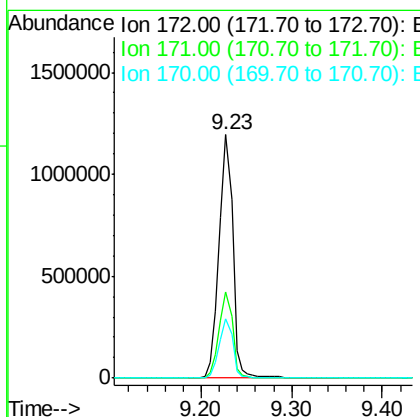
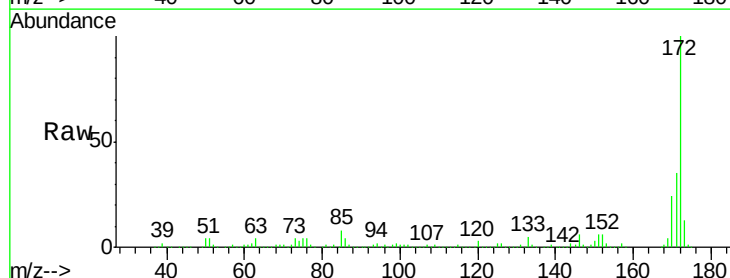
Instrument :
 BNA_F
 ClientSampleId :

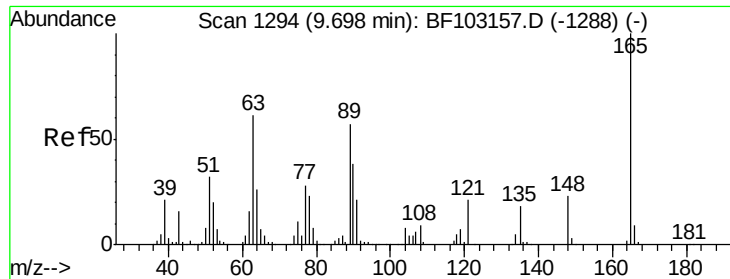
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.7	77.0	115.6
141	39.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 79.725 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103259.D
 Acq: 27 Feb 2018 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.4	19.6	29.4

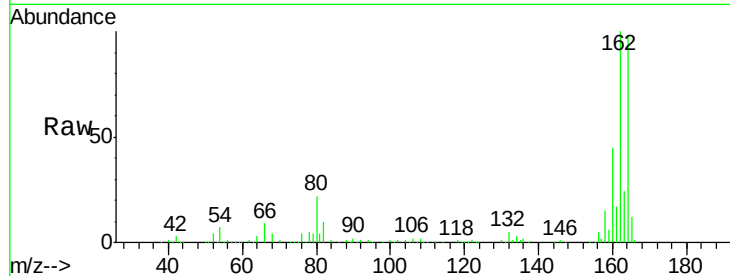




#50
2,6-Dinitrotoluene
Concen: 7.301 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

Instrument :
BNA_F
ClientSampleId :

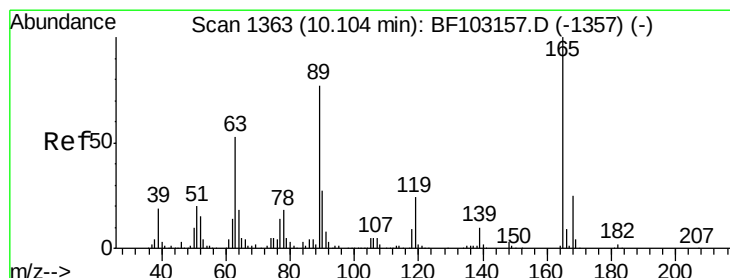
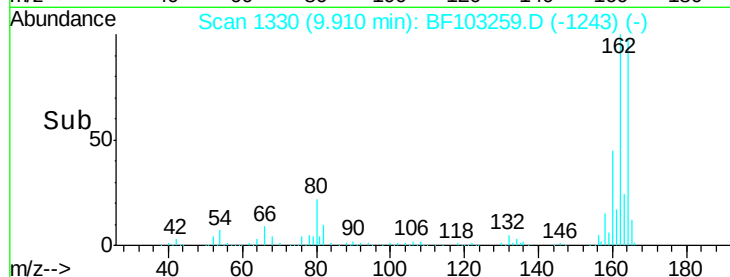
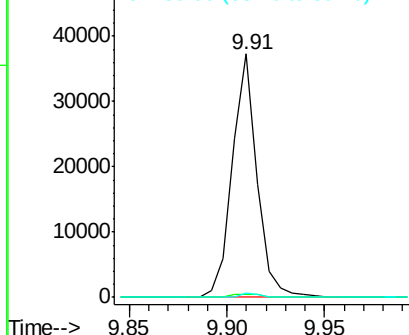
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



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
2,4-Dinitrotoluene
Concen: 5.773 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

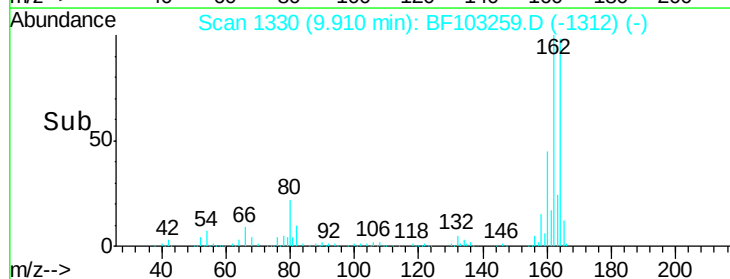
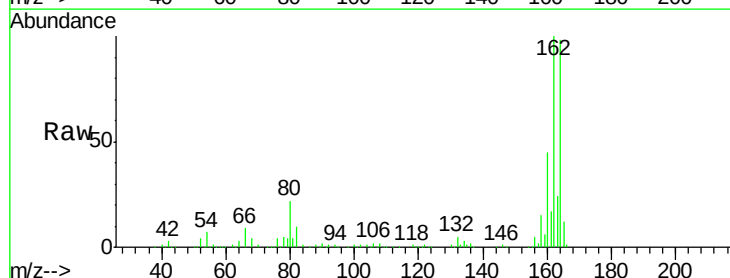
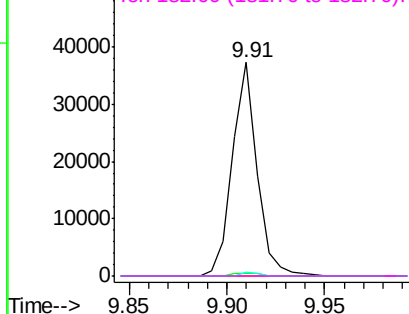
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

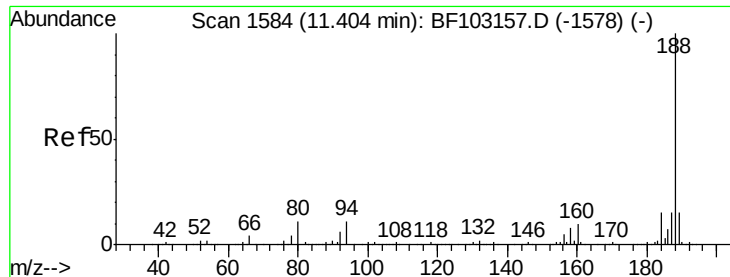
Abundance Ion 165.00 (164.70 to 165.70): E

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

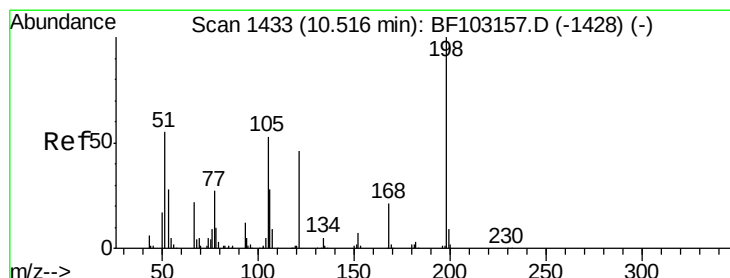
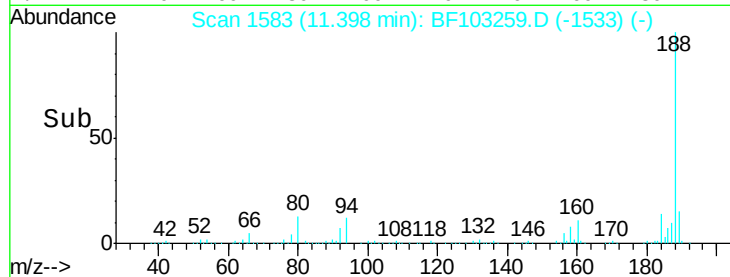
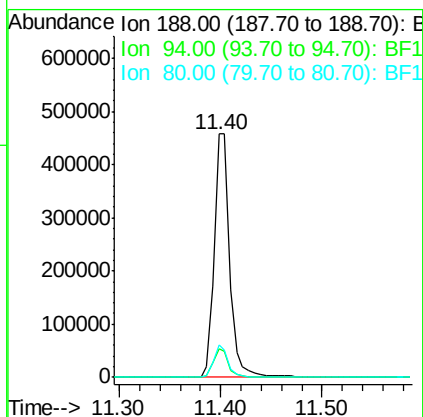
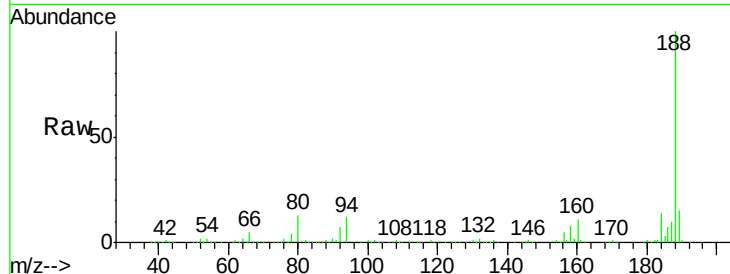




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103259.D
 Acq: 27 Feb 2018 13:35

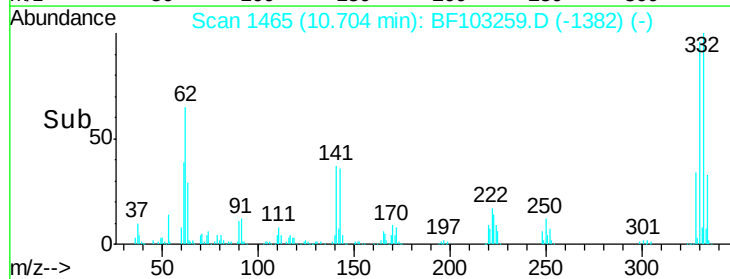
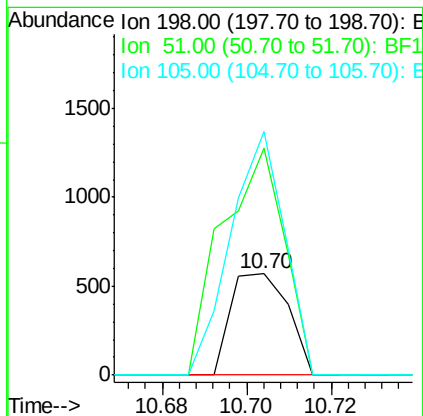
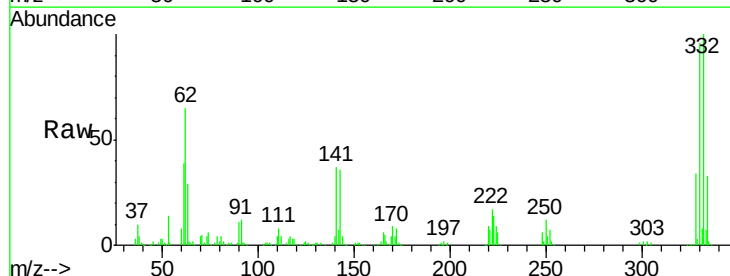
Instrument :
 BNA_F
 ClientSampleId :

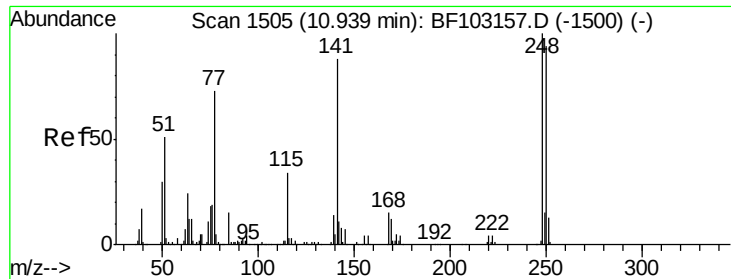
Tot Ion:188 Resp: 490404
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 13.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.107 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF103259.D
 Acq: 27 Feb 2018 13:35

Tgt Ion:198 Resp: 538
 Ion Ratio Lower Upper
 198 100
 51 224.1 37.7 77.7#
 105 241.0 36.3 76.3#

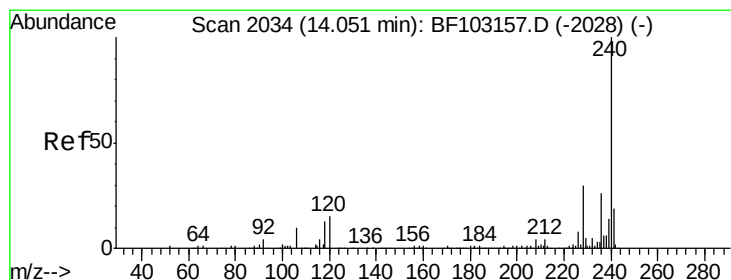
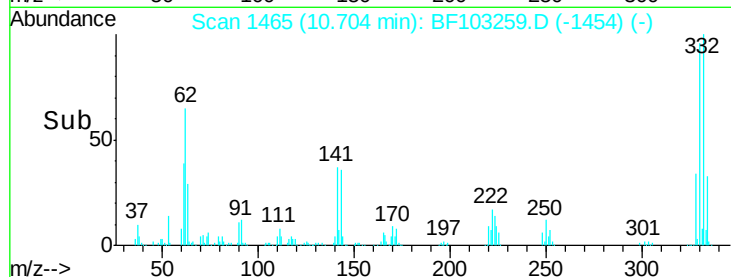
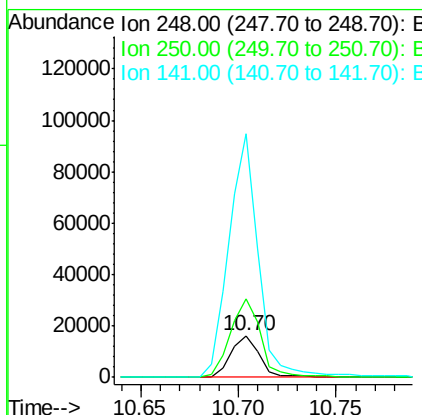
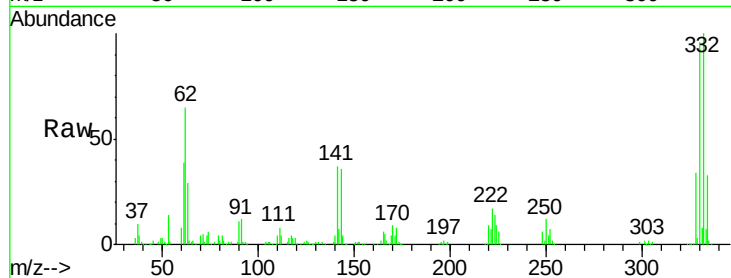




#66
4-Bromophenyl-phenylether
Concen: 3.262 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

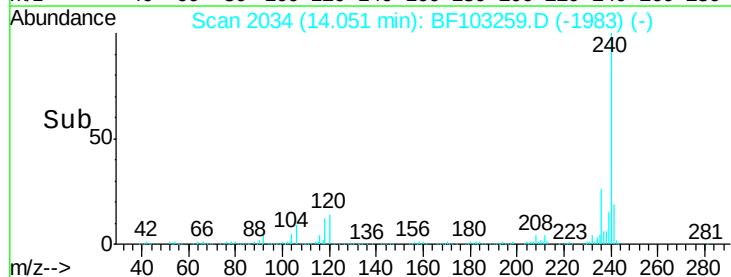
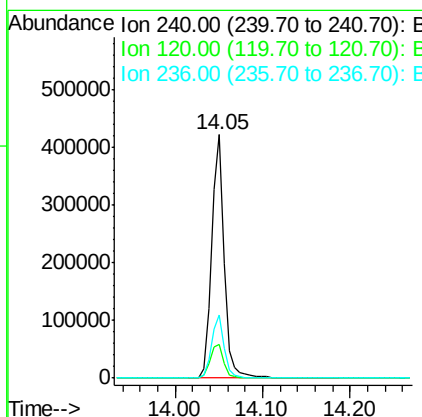
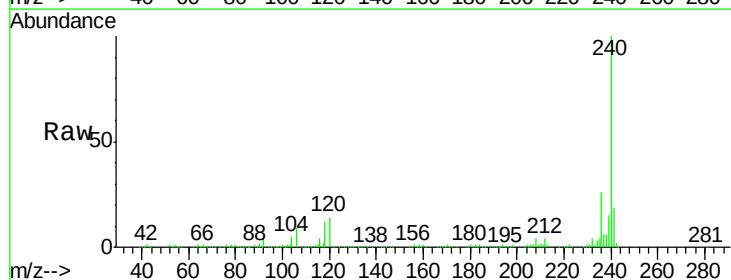
Instrument :
BNA_F
ClientSampleId :

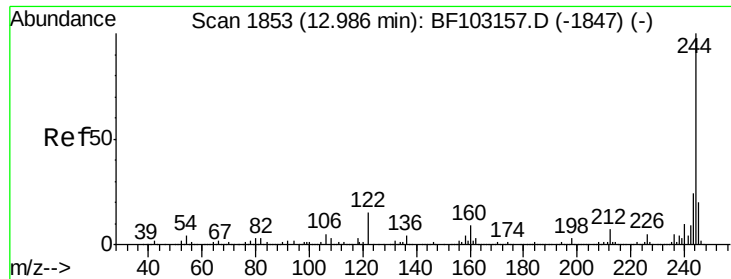
Tot Ion:248 Resp: 16664
Ion Ratio Lower Upper
248 100
250 188.5 76.9 115.3#
141 583.2 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103259.D
Acq: 27 Feb 2018 13:35

Tgt Ion:240 Resp: 419967
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 70.300 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103259.D

Acq: 27 Feb 2018 13:35

Instrument :

BNA_F

ClientSampleId :

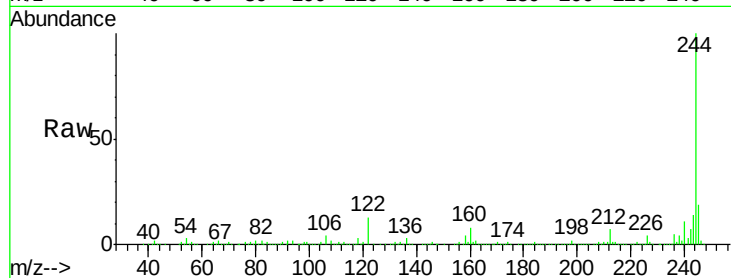
Tot Ion:244 Resp: 1228171

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

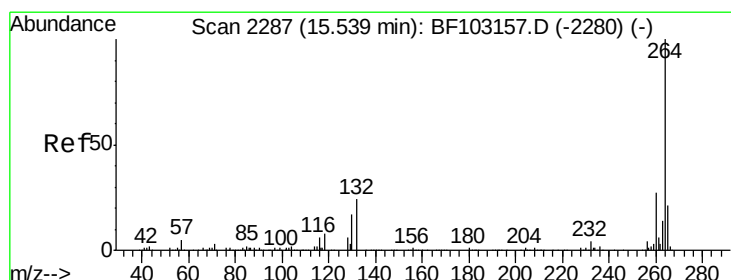
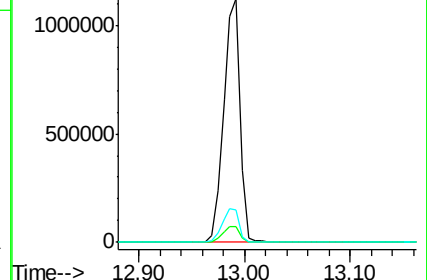
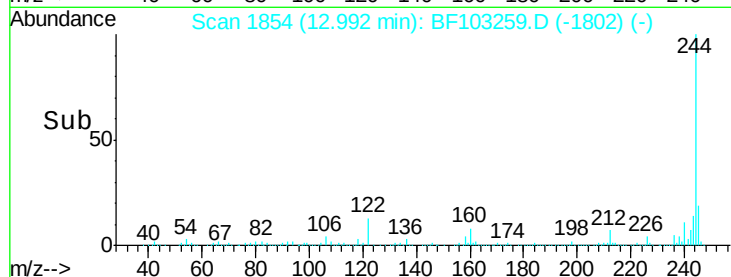
122 13.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF103259.D

Acq: 27 Feb 2018 13:35

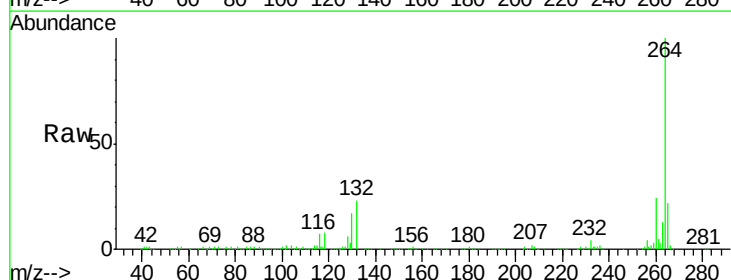
Tgt Ion:264 Resp: 384058

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.5 17.5 26.3



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

