

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103633.D
 Acq On : 14 Mar 2018 6:22
 Operator : SJ/JU
 Sample : J1895-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 11:12:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

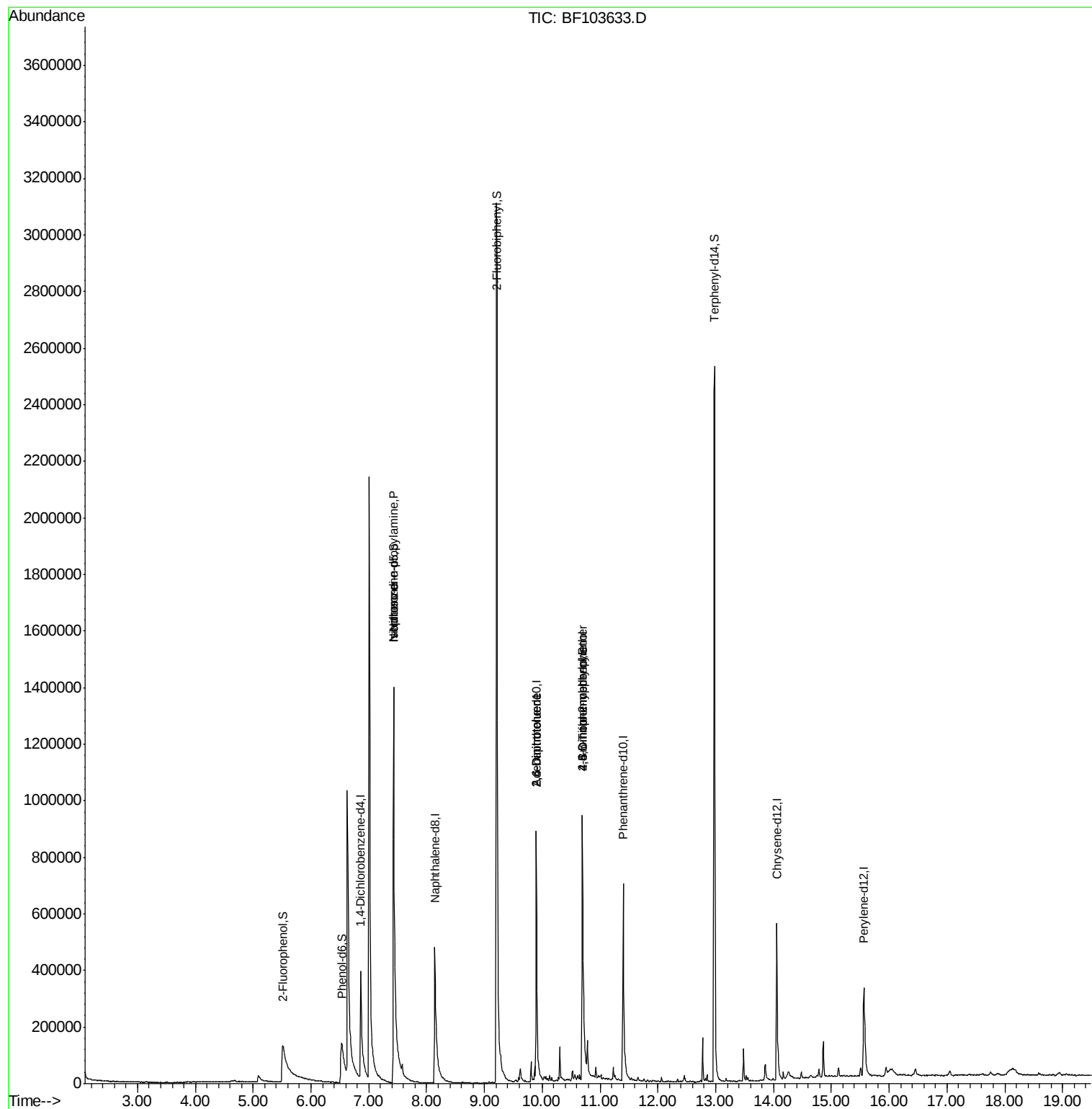
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127462	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	571999	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	253373	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	445976	20.00	ng	0.00
75) Chrysene-d12	14.06	240	260385	20.00	ng	0.00
86) Perylene-d12	15.56	264	232884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	250496	29.72	ng	0.02
7) Phenol-d6	6.53	99	244461	23.71	ng	0.02
23) Nitrobenzene-d5	7.43	82	931075	92.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	160372	74.78	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1405728	99.48	ng	-0.01
78) Terphenyl-d14	12.98	244	1024831	94.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	114256	17.802	ng	# 84
25) Isophorone	7.43	82	938457	47.573	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	29821	6.991	ng	# 27
56) 2,4-Dinitrotoluene	9.90	165	30337	5.624	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.70	198	151	4.995	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11326	2.438	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103633.D
Acq On : 14 Mar 2018 6:22
Operator : SJ/JU
Sample : J1895-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 14 11:12:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration



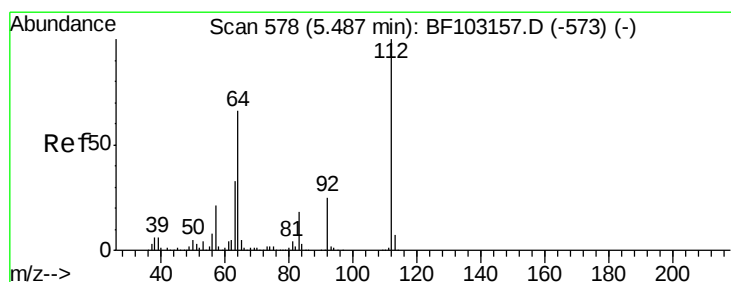
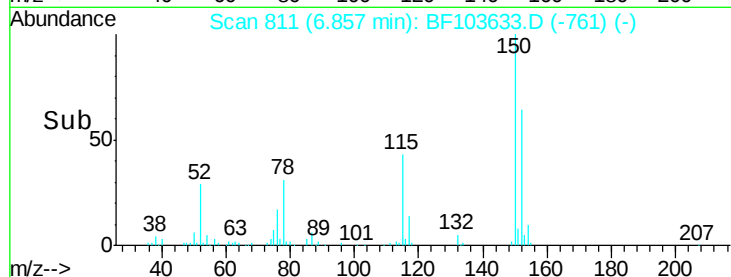
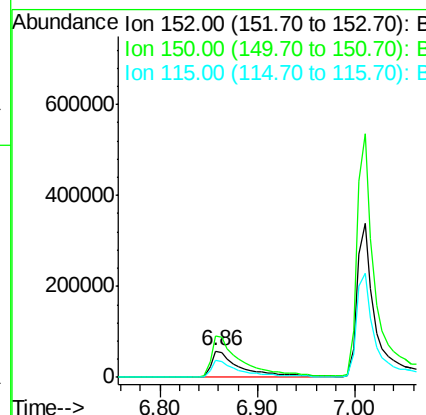
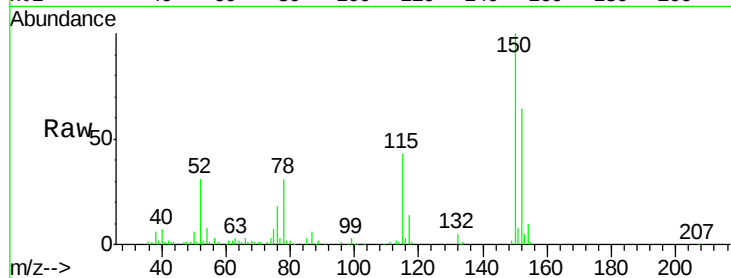


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Instrument :
BNA_F
ClientSampleId :

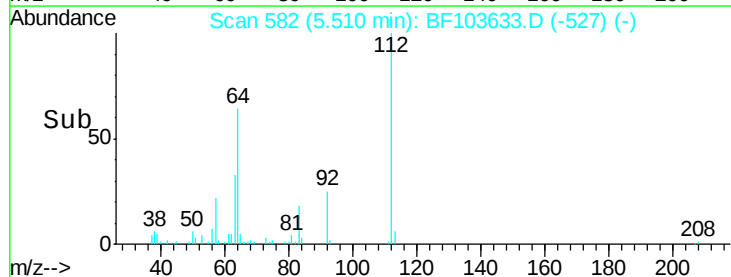
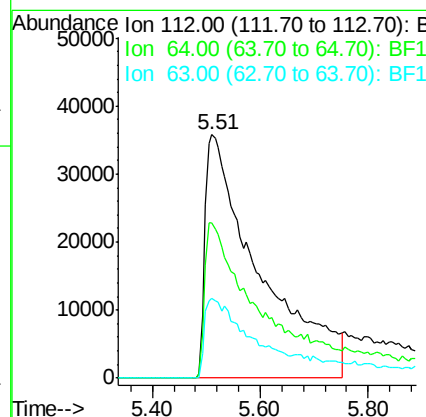
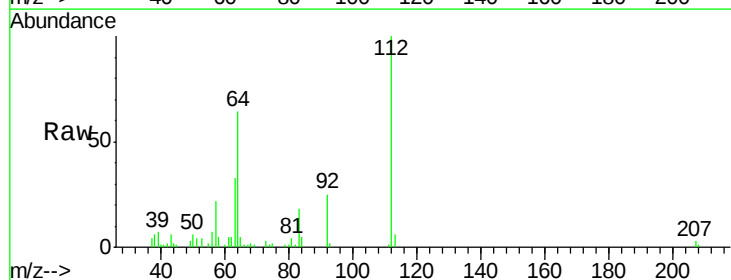
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	66.4	50.1	75.1

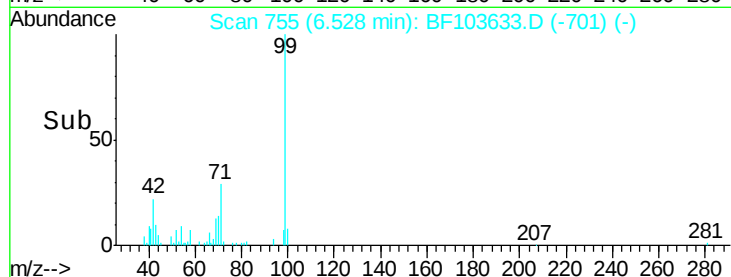
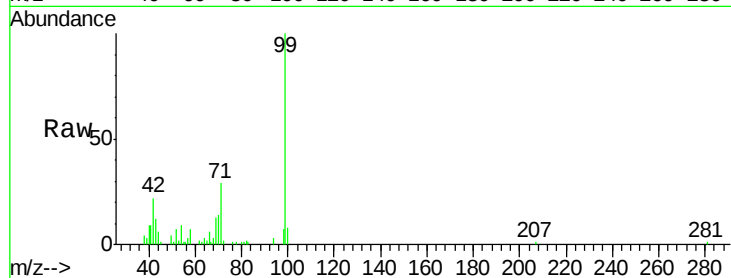
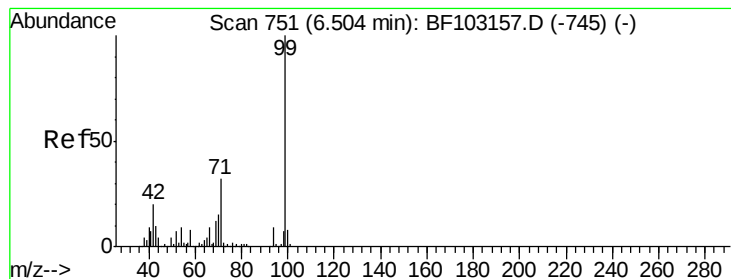


#5

2-Fluorophenol
Concen: 29.723 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	32.6	23.7	35.5





#7

Phenol-d6

Concen: 23.705 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Instrument :

BNA_F

ClientSampleId :

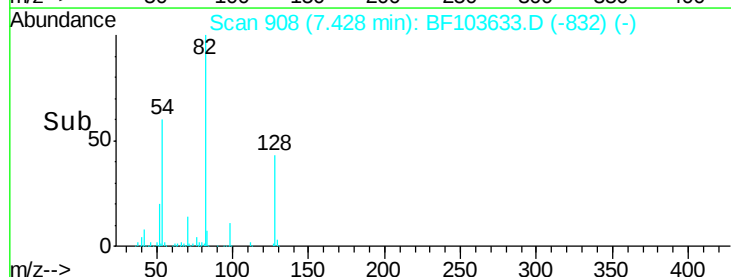
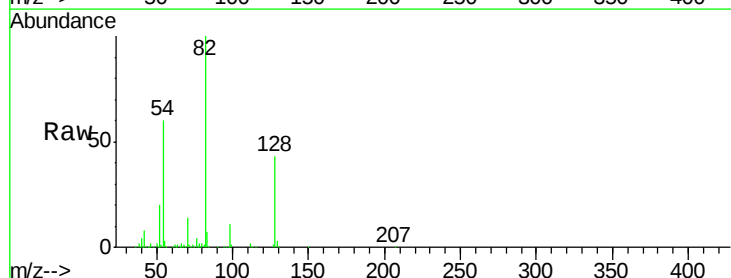
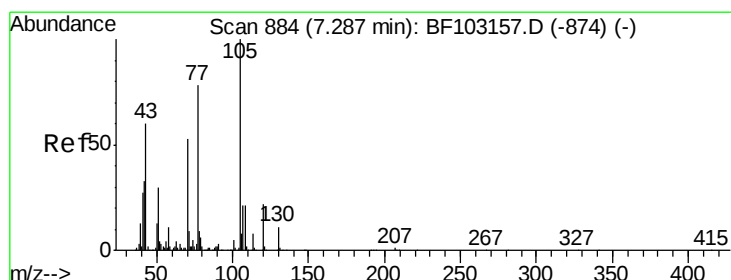
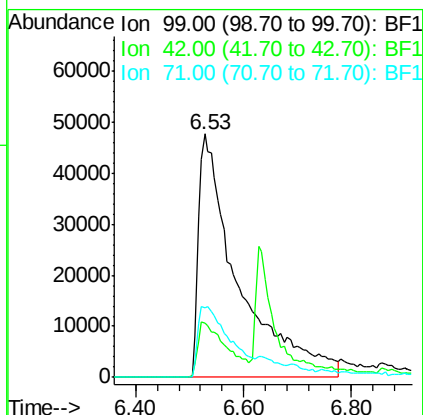
Tot Ion: 99 Resp: 244461

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

71 28.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.802 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Tgt Ion: 70 Resp: 114256

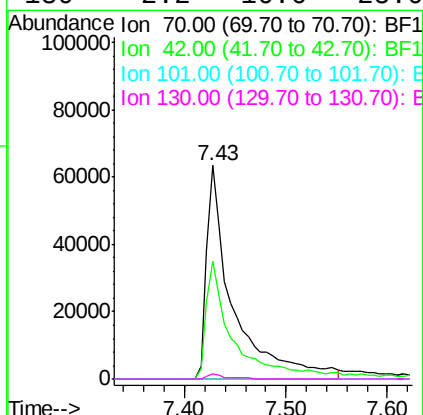
Ion Ratio Lower Upper

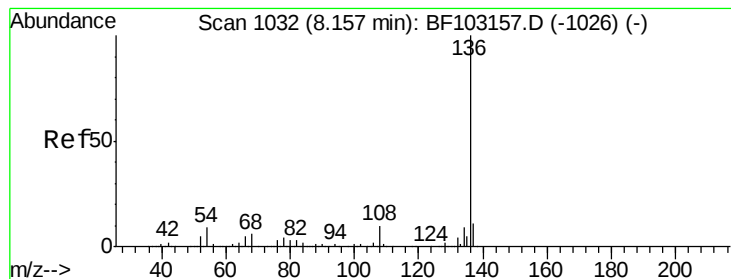
70 100

42 55.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 571999

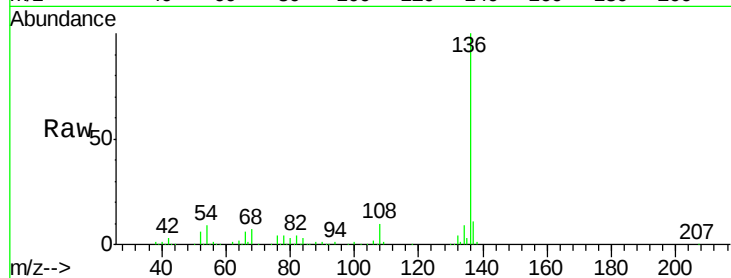
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 6.7 5.0 7.4

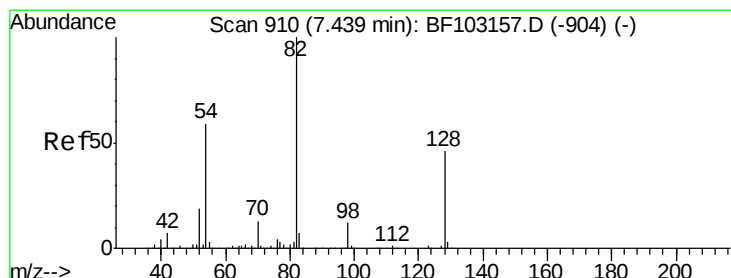
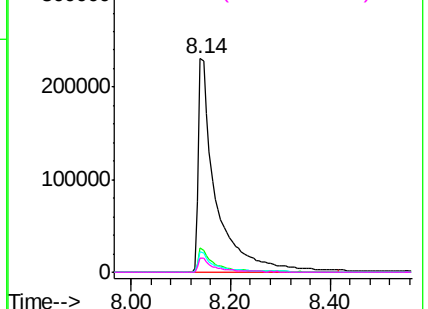
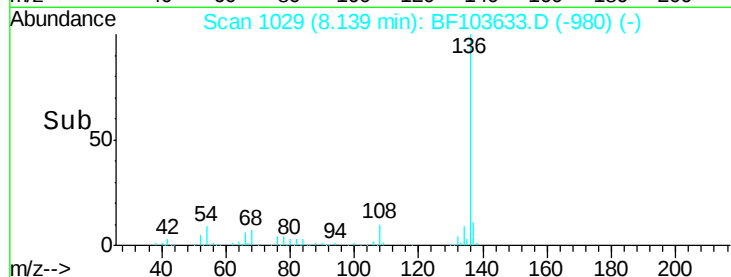


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.959 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

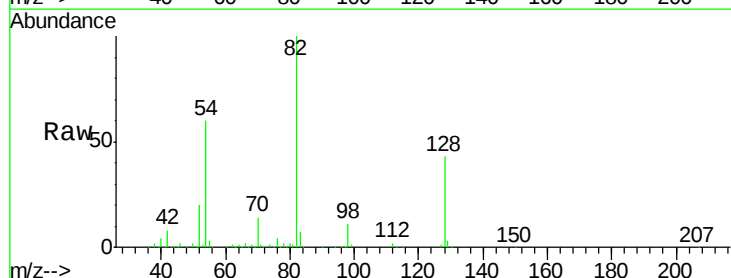
Tgt Ion: 82 Resp: 931075

Ion Ratio Lower Upper

82 100

128 43.4 36.1 54.1

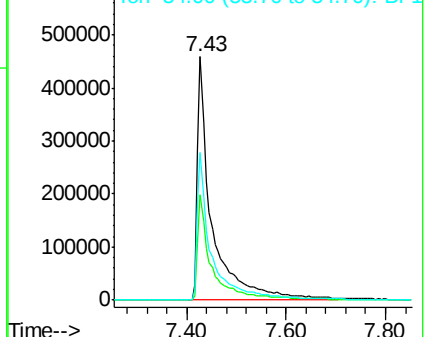
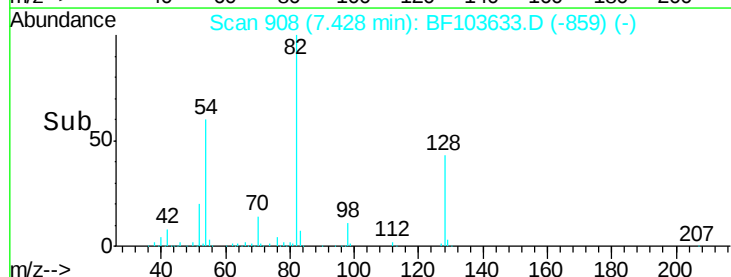
54 60.4 41.4 62.2

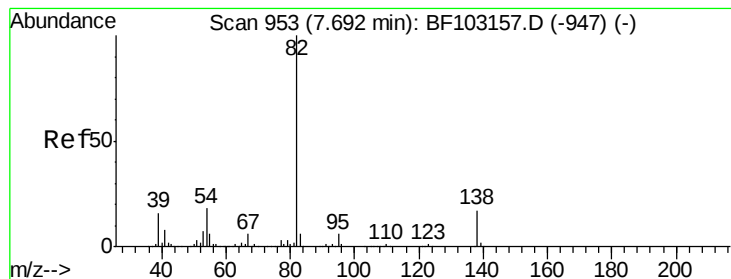


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.573 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Instrument :

BNA_F

ClientSampleId :

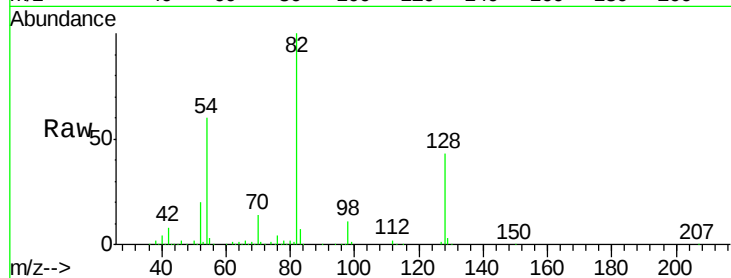
Tot Ion: 82 Resp: 938457

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

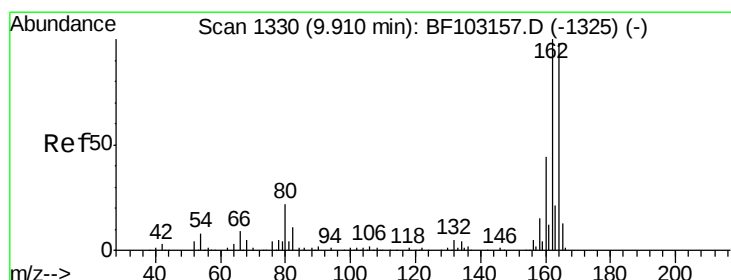
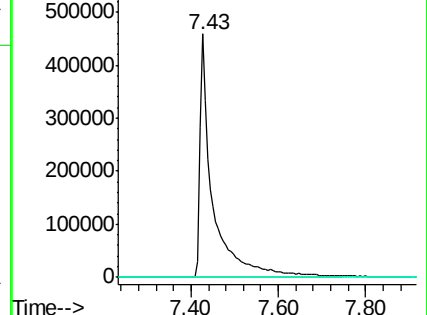
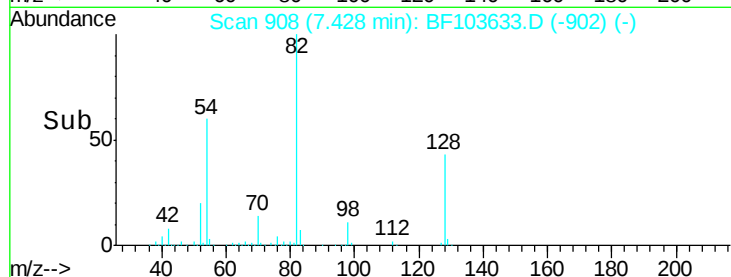
138 0.0 14.9 22.3#



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: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

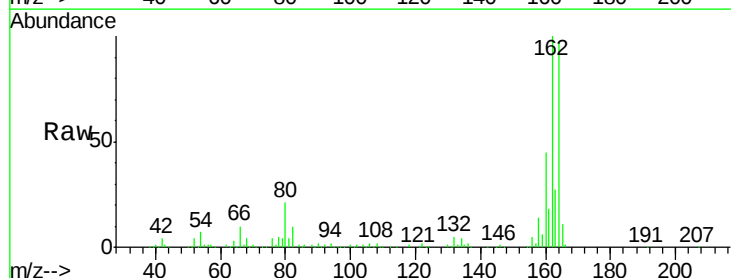
Tgt Ion: 164 Resp: 253373

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

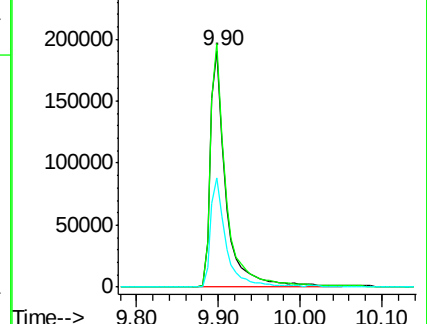
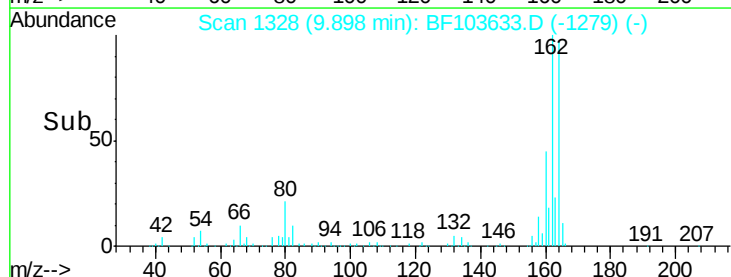
160 46.2 38.3 57.5



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

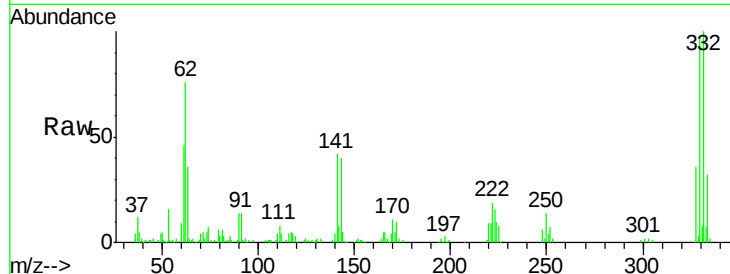




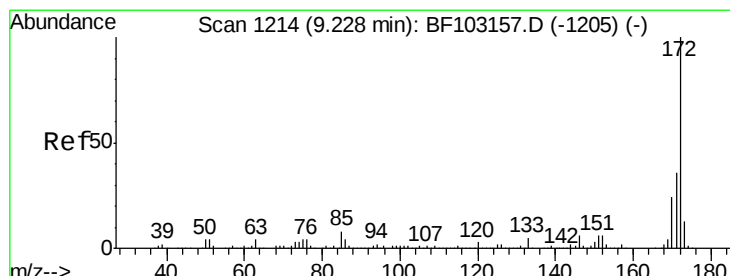
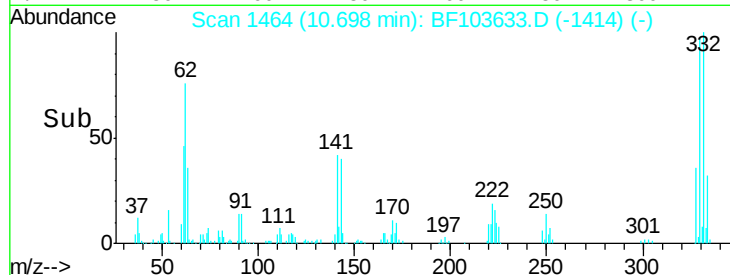
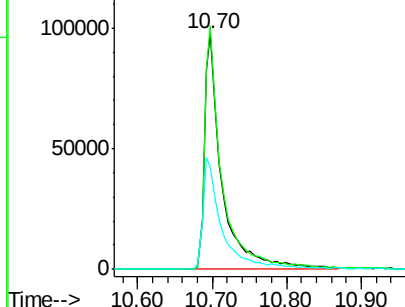
#41
 2,4,6-Tribromophenol
 Concen: 74.777 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 160372
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.0 115.6
 141 52.1 29.9 44.9#

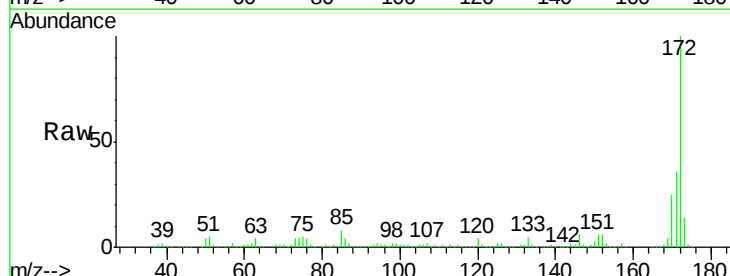


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

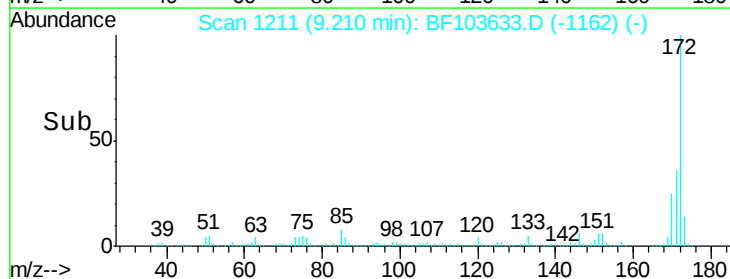
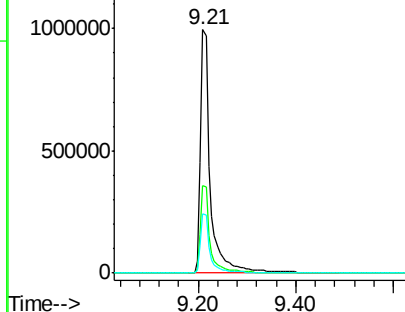


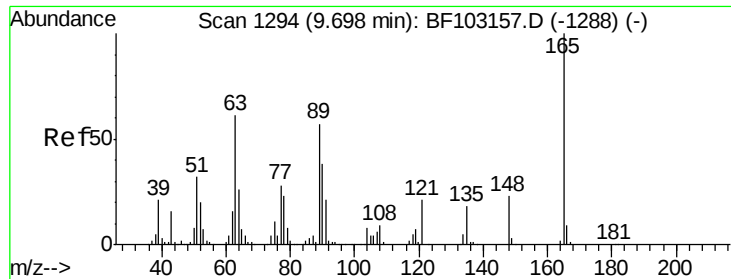
#44
 2-Fluorobiphenyl
 Concen: 99.485 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Tgt Ion:172 Resp: 1405728
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.5 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

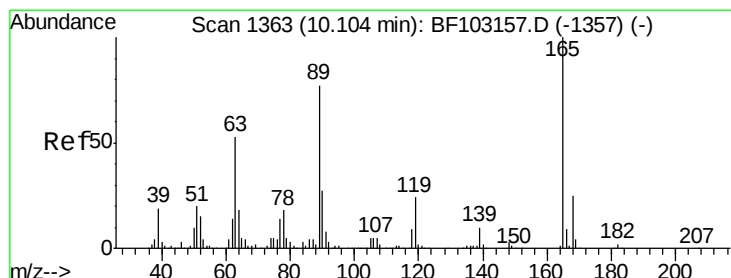
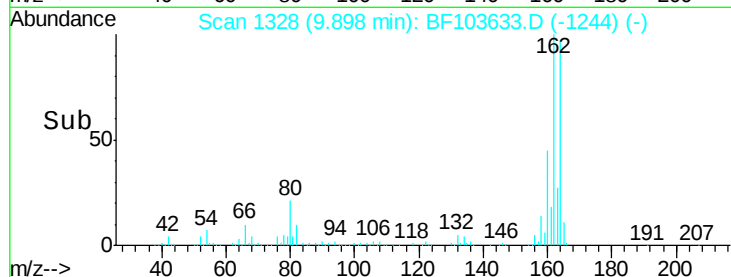
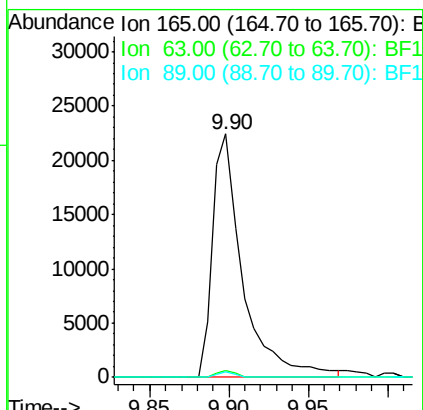
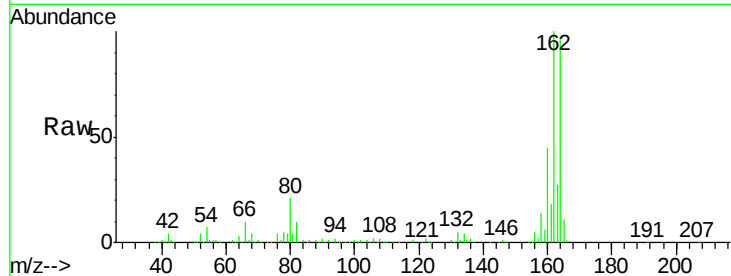




#50
 2,6-Dinitrotoluene
 Concen: 6.991 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

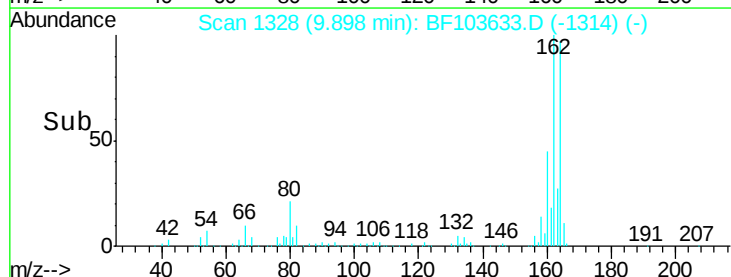
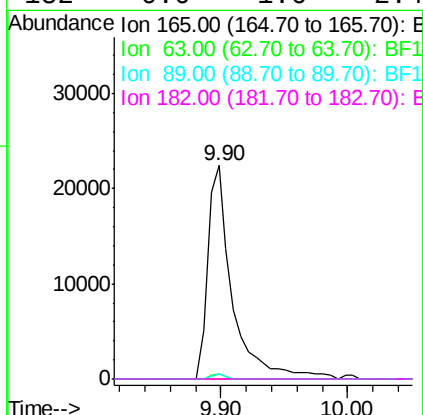
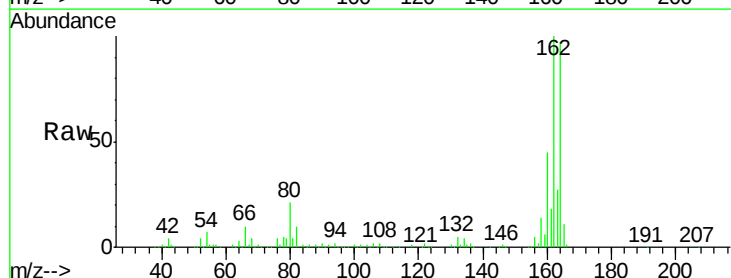
Instrument :
 BNA_F
 ClientSampleId :

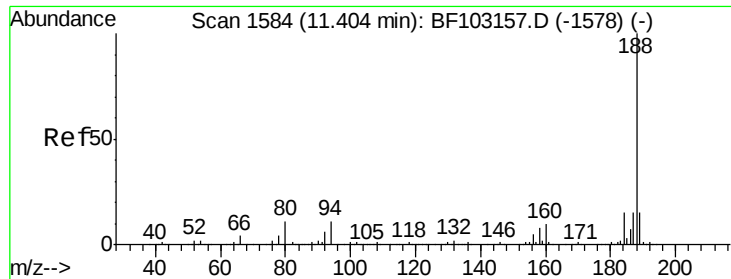
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.7	67.1#
89	2.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.624 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103633.D
 Acq: 14 Mar 2018 6:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	36.4	54.6#
89	2.4	57.8	86.6#
182	0.0	1.6	2.4#

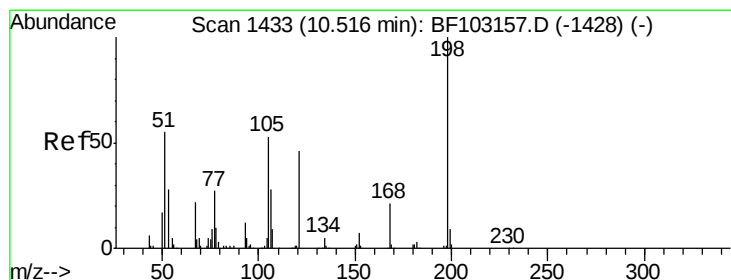
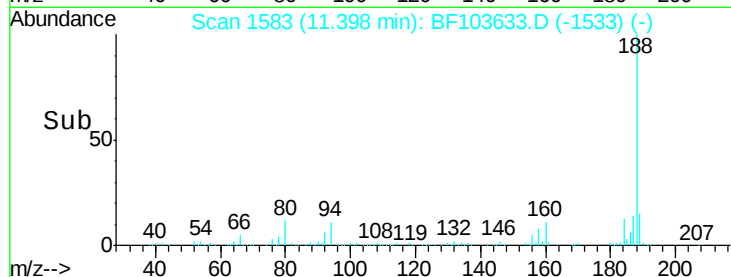
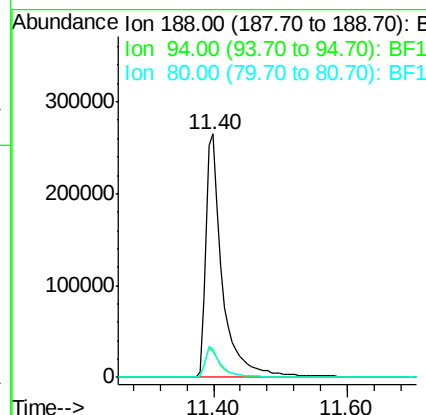
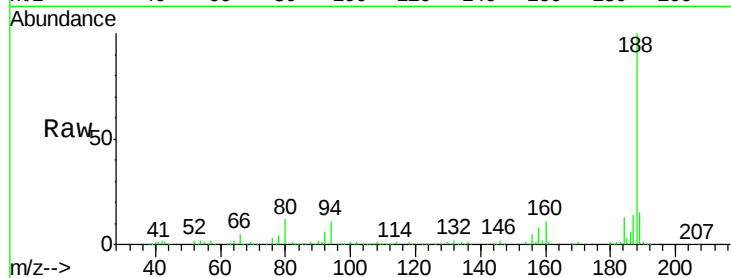




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

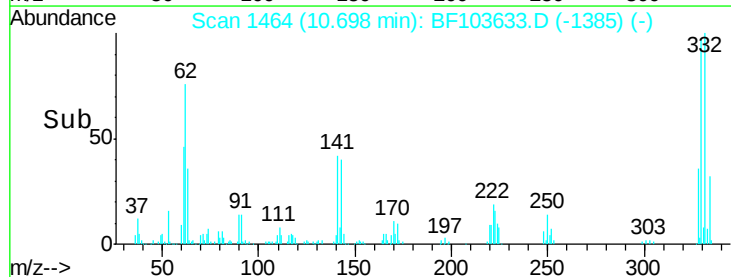
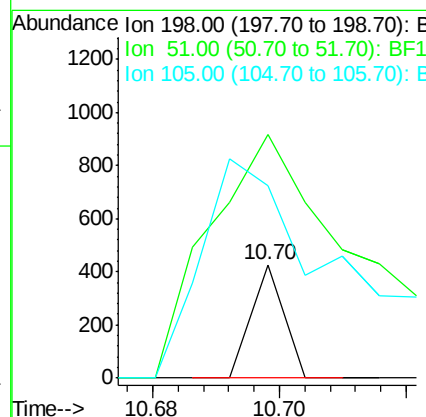
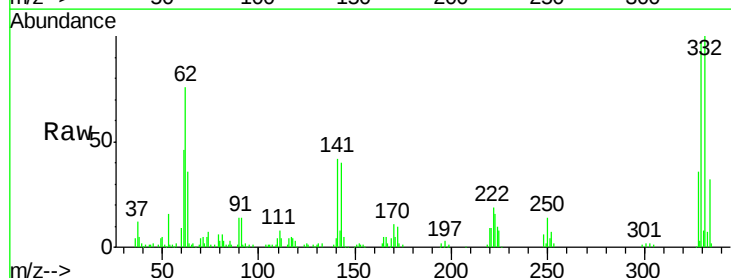
Instrument :
BNA_F
ClientSampleId :

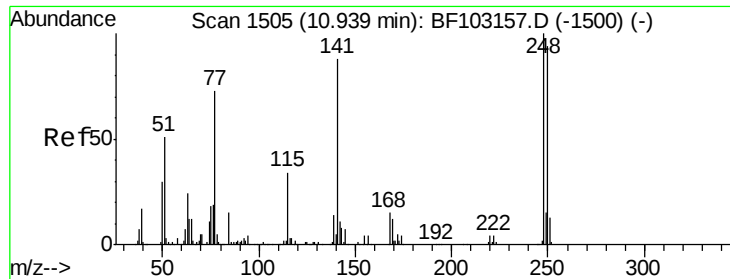
Tot Ion:188 Resp: 445976
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.995 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
51 214.8 37.7 77.7#
105 169.3 36.3 76.3#

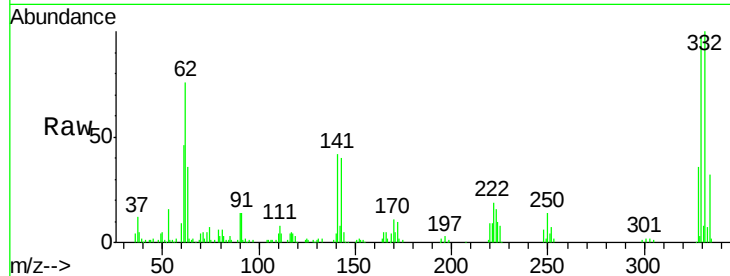




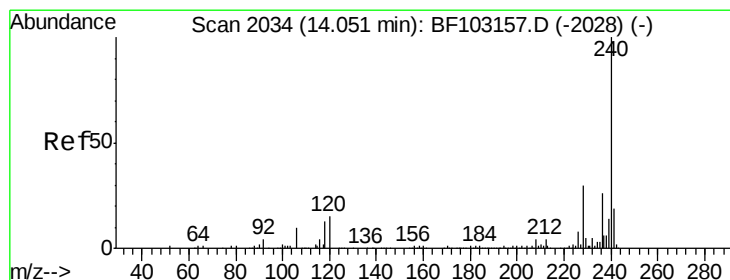
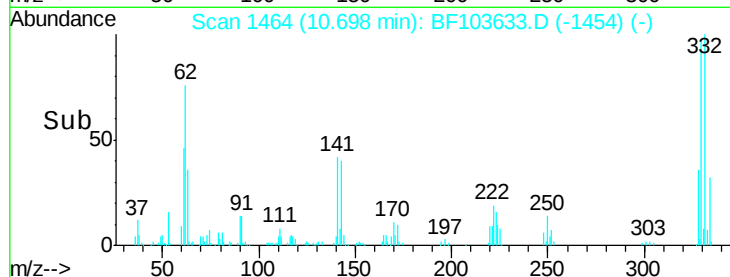
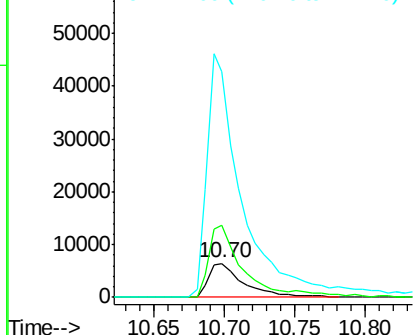
#66
4-Bromophenyl-phenylether
Concen: 2.438 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11326
Ion Ratio Lower Upper
248 100
250 211.9 76.9 115.3#
141 662.4 74.4 111.6#

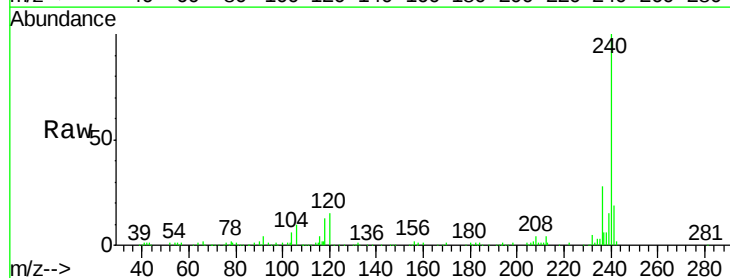


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

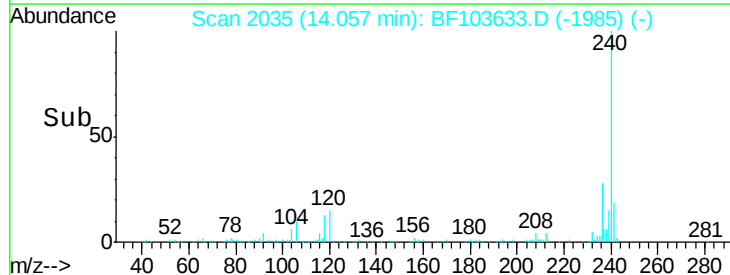
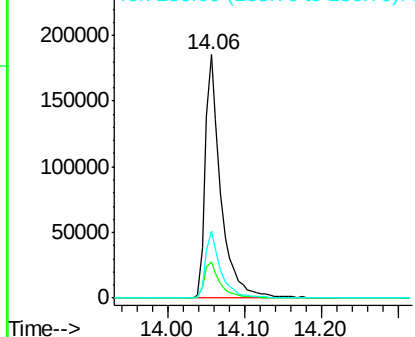


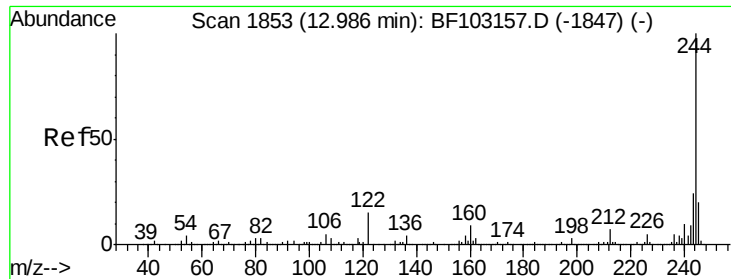
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103633.D
Acq: 14 Mar 2018 6:22

Tgt Ion:240 Resp: 260385
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 27.6 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: 94.612 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

Instrument :

BNA_F

ClientSampled :

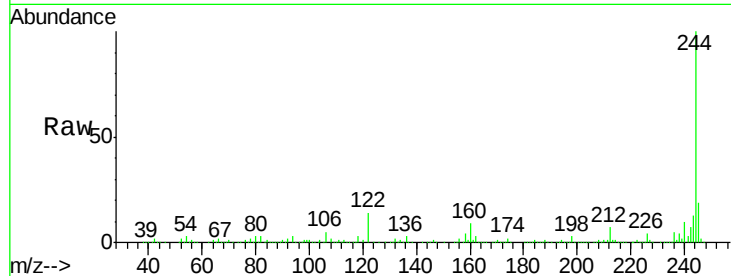
Tot Ion:244 Resp: 1024831

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

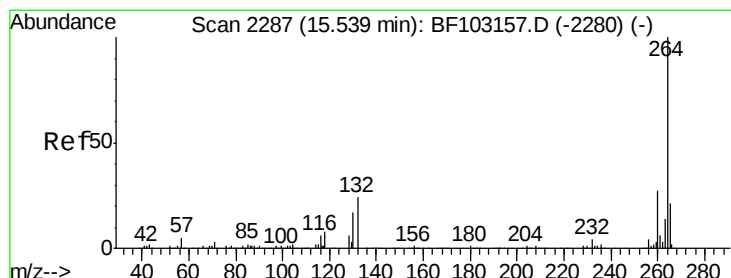
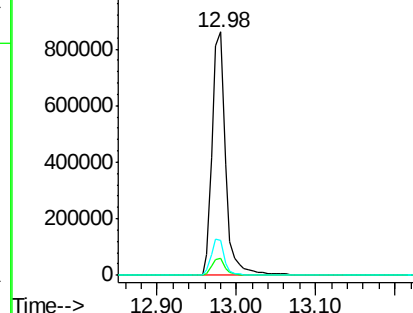
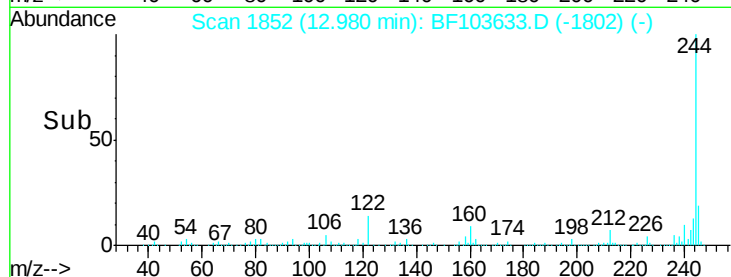
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103633.D

Acq: 14 Mar 2018 6:22

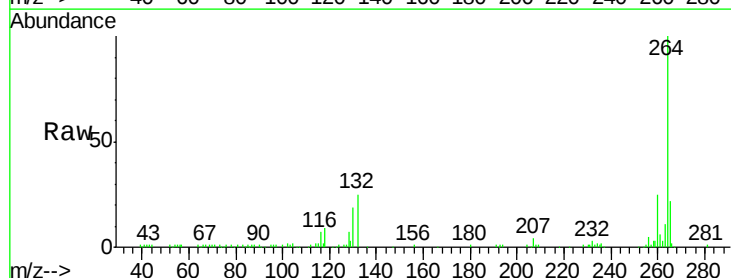
Tgt Ion:264 Resp: 232884

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.7 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

