

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103182.D
 Acq On : 23 Feb 2018 00:06
 Operator : SJ/JU
 Sample : PB106745BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106745BL

Quant Time: Feb 23 02:17:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

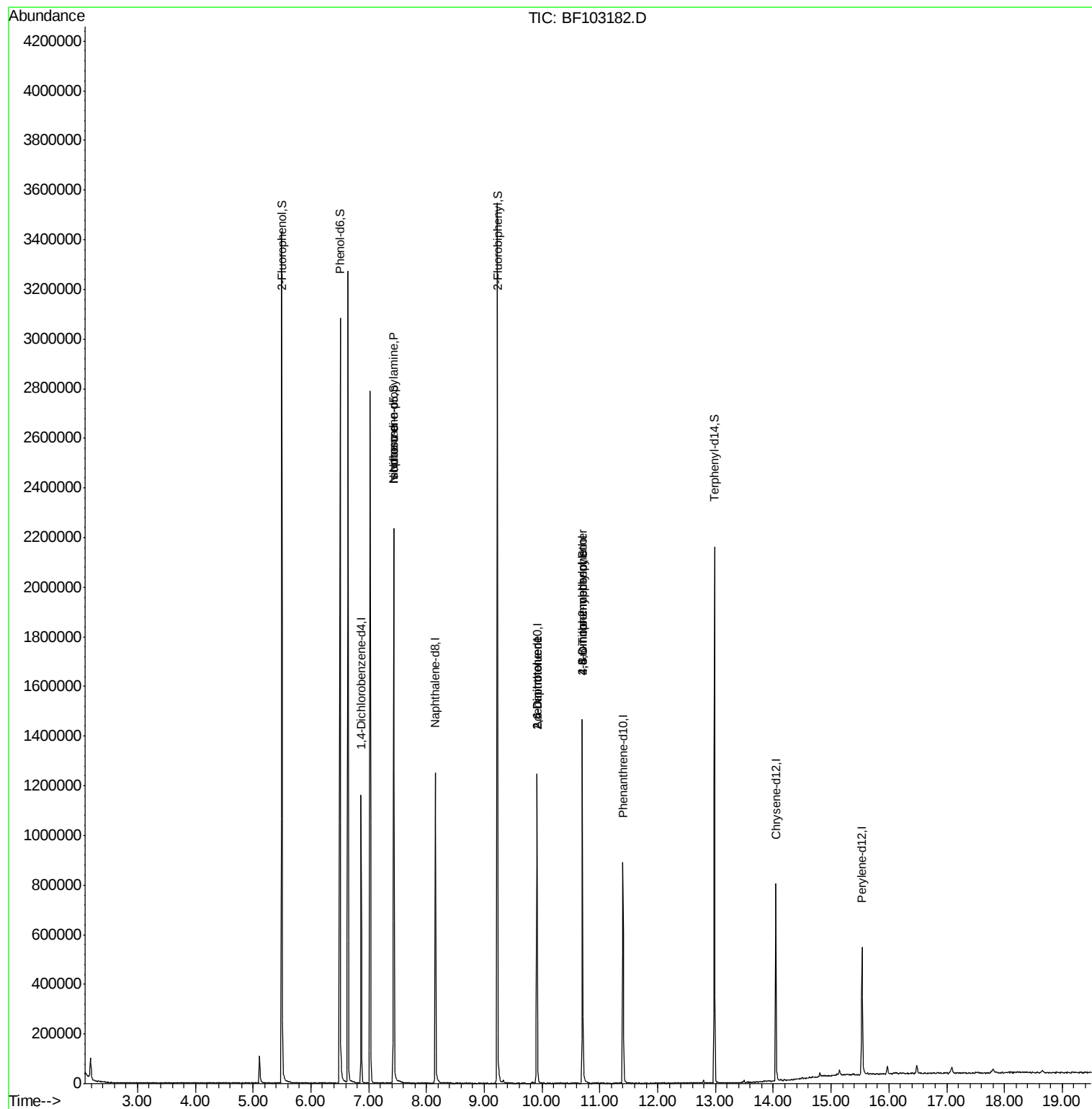
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150132	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	629997	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	254258	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	341461	20.00	ng	0.00
75) Chrysene-d12	14.04	240	264700	20.00	ng	0.00
86) Perylene-d12	15.54	264	241402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	954027	96.11	ng	0.01
7) Phenol-d6	6.50	99	1126507	92.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	733155	66.46	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	159722	74.21	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1129988	74.27	ng	0.00
78) Terphenyl-d14	12.98	244	721033	65.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	96266	12.734	ng	# 84
25) Isophorone	7.43	82	733147	33.744	ng	# 64
50) 2,6-Dinitrotoluene	9.91	165	32033	7.484	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	32033	5.917	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	199	5.031	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	10815	3.040	ng	# 1

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

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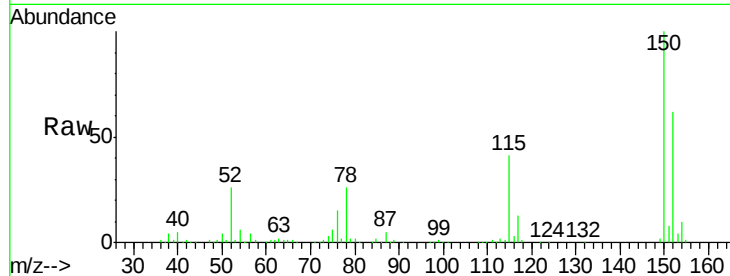


#1

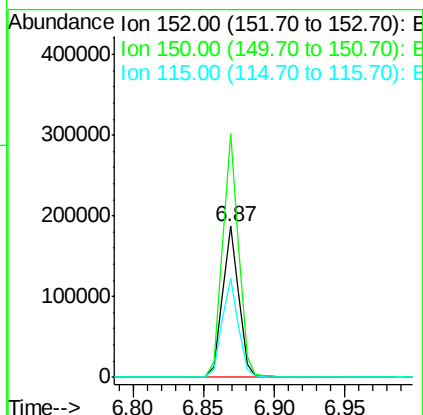
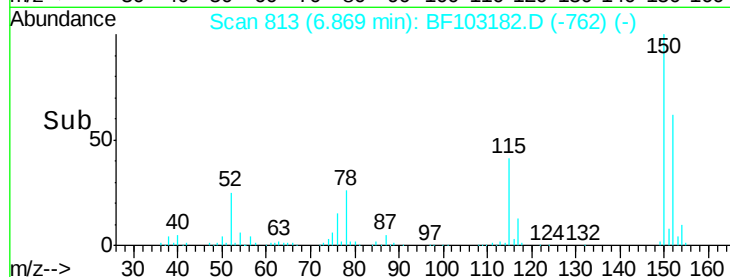
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Instrument :
BNA_F
ClientSampleId :
PB106745BL

Tot Ion:152 Resp: 150132
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 65.7 50.1 75.1



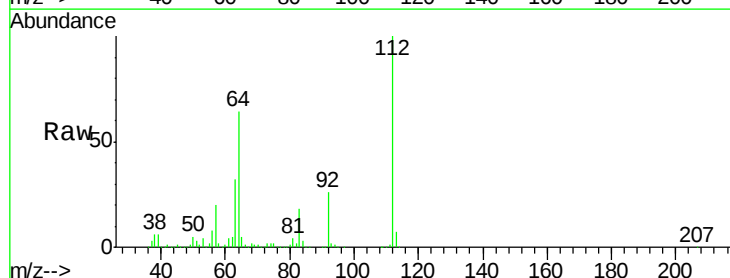
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



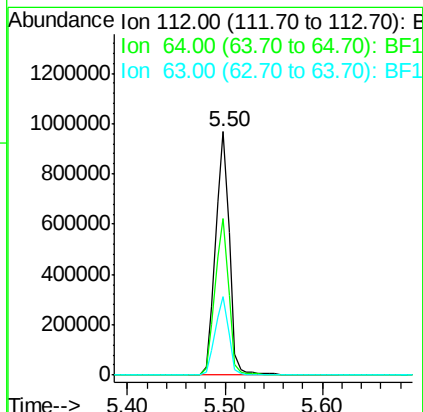
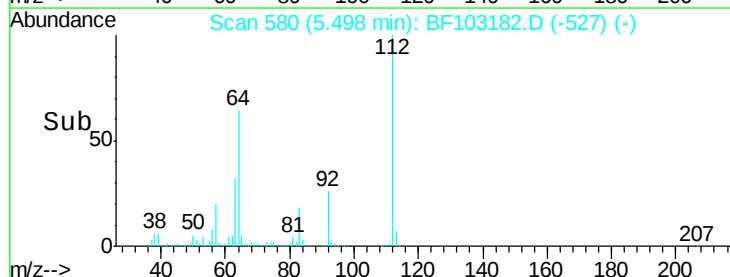
#5

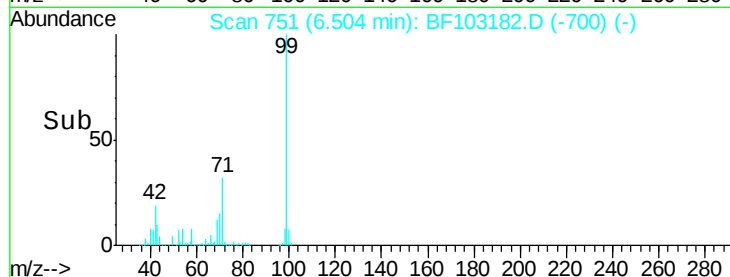
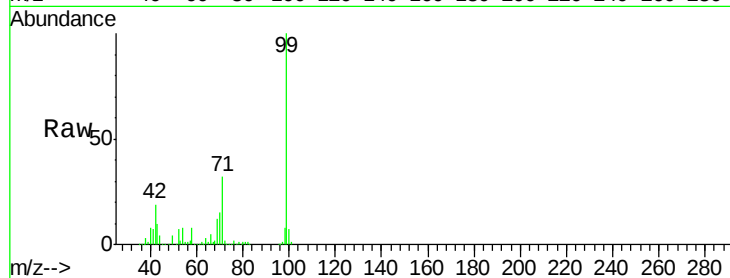
2-Fluorophenol
Concen: 96.109 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Tgt Ion:112 Resp: 954027
Ion Ratio Lower Upper
112 100
64 64.4 47.9 71.9
63 32.2 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: 92.742 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

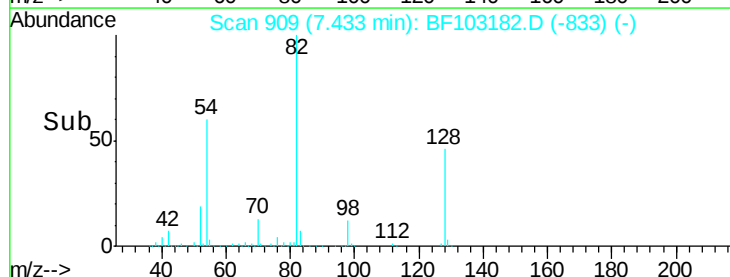
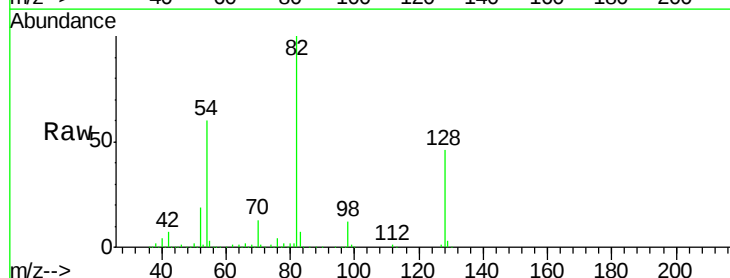
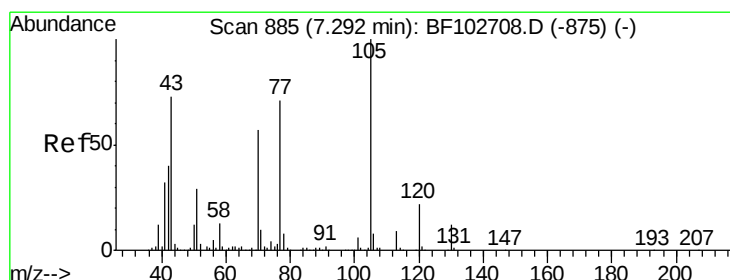
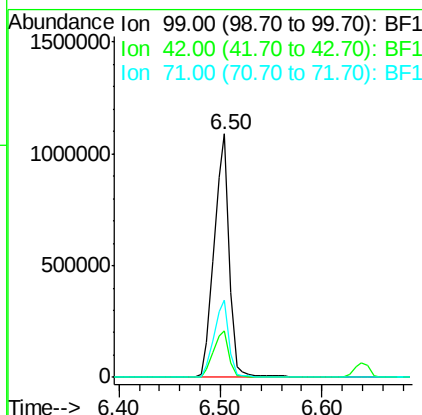
Tot Ion: 99 Resp: 1126507

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.734 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Tgt Ion: 70 Resp: 96266

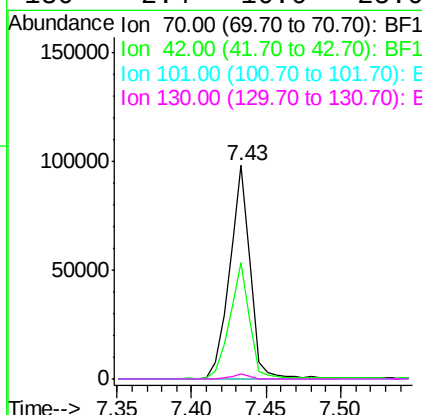
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 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: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

Tot Ion:136 Resp: 629997

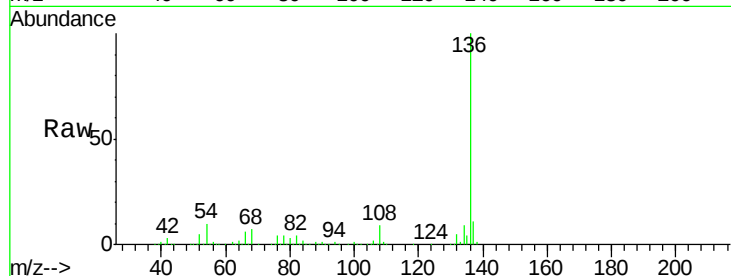
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 6.9 5.0 7.4

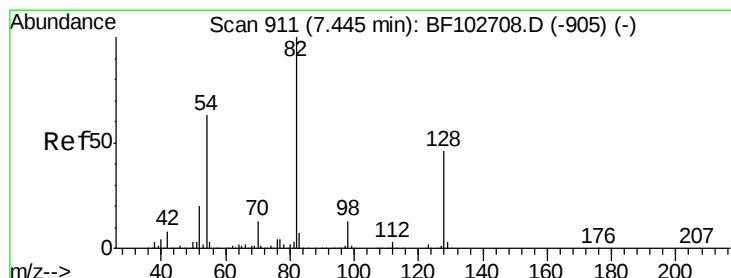
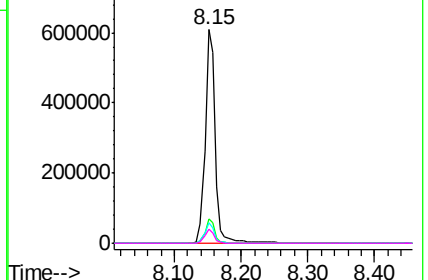
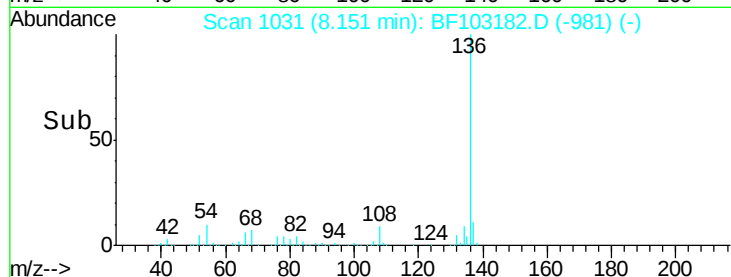


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.460 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

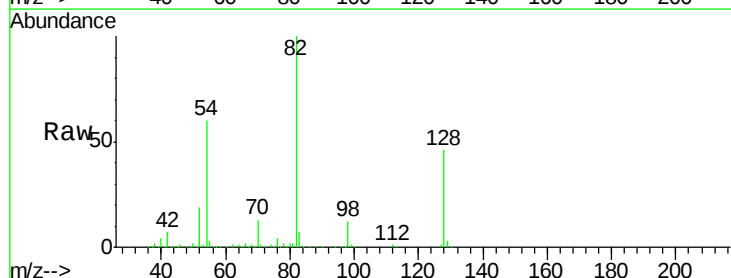
Tgt Ion: 82 Resp: 733155

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

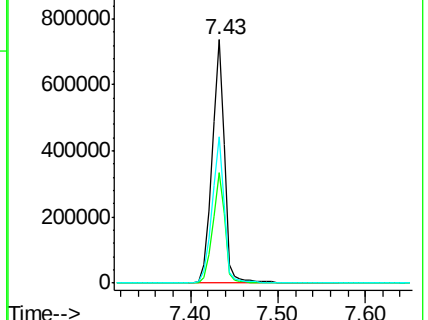
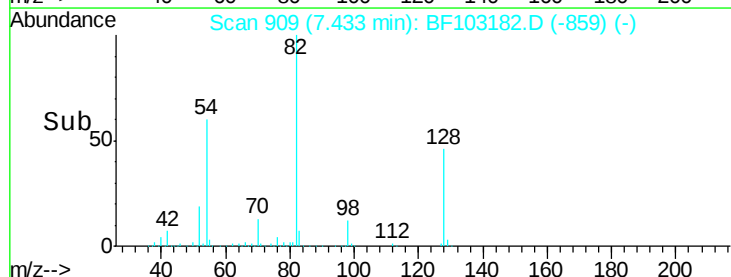
54 60.3 41.4 62.2

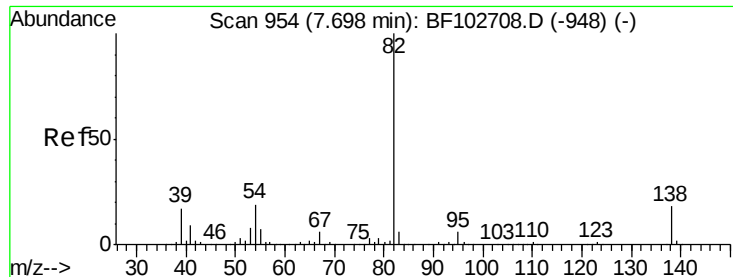


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.744 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

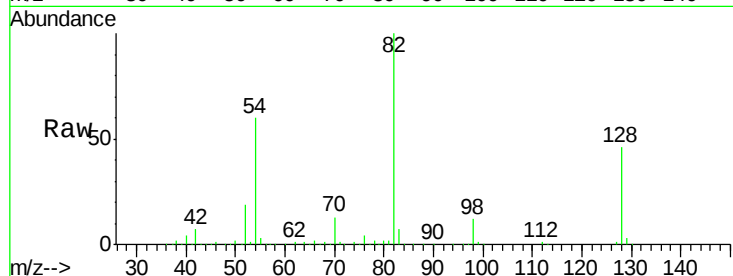
Tot Ion: 82 Resp: 733147

Ion Ratio Lower Upper

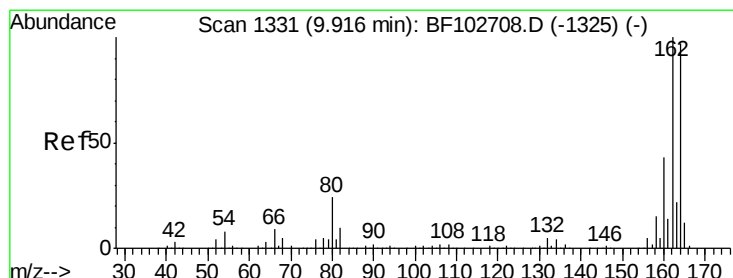
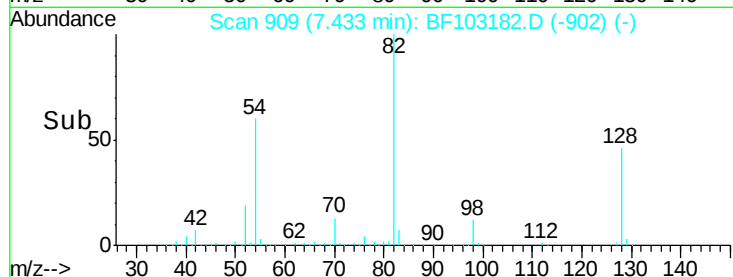
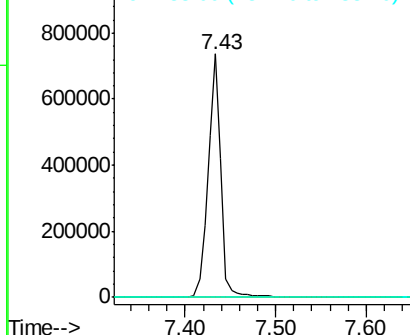
82 100

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: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

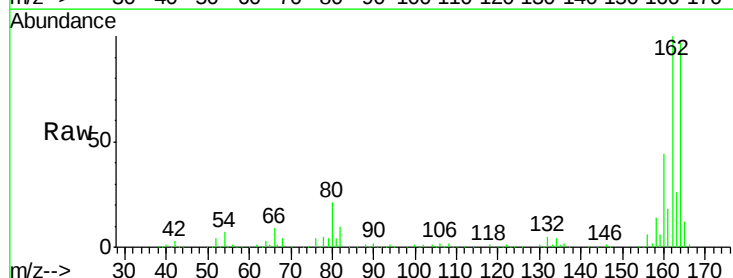
Tgt Ion: 164 Resp: 254258

Ion Ratio Lower Upper

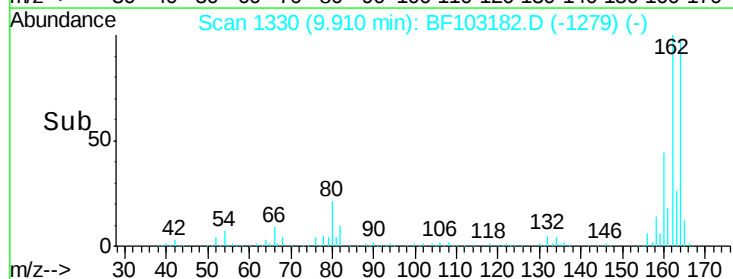
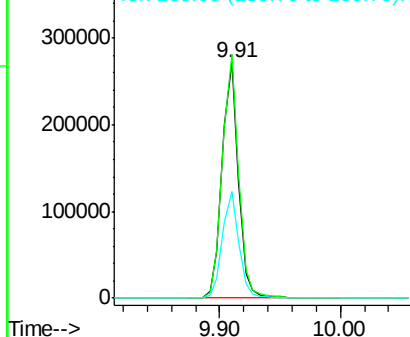
164 100

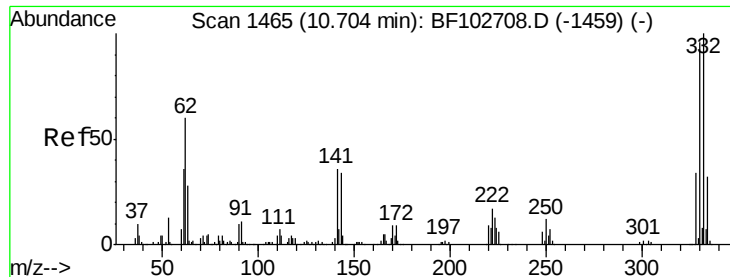
162 103.3 86.1 129.1

160 45.1 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: 74.215 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

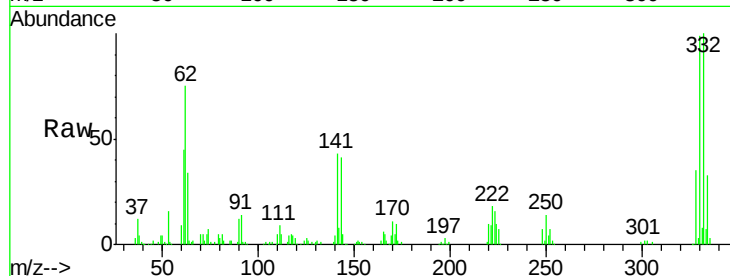
Tot Ion:330 Resp: 159722

Ion Ratio Lower Upper

330 100

332 102.9 77.0 115.6

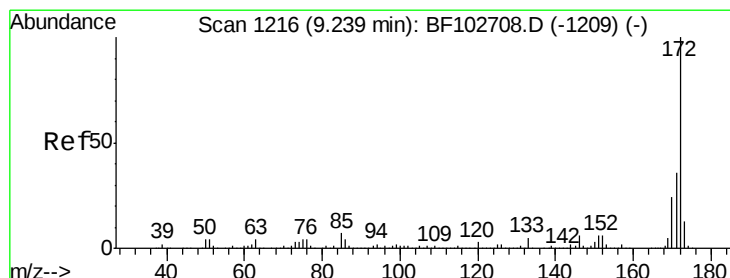
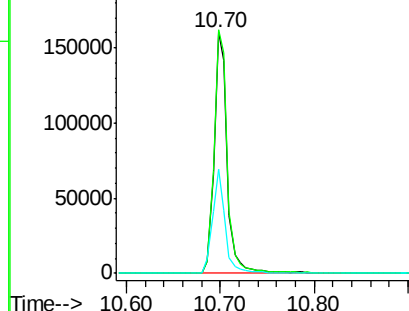
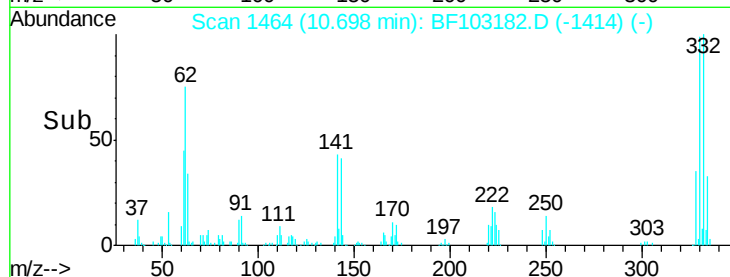
141 41.6 29.9 44.9



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: 74.275 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

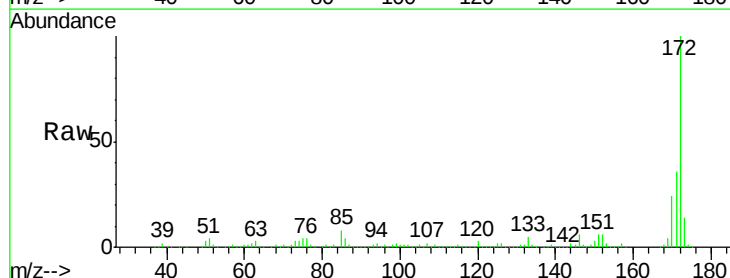
Tgt Ion:172 Resp: 1129988

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

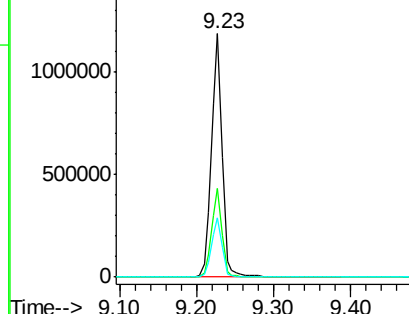
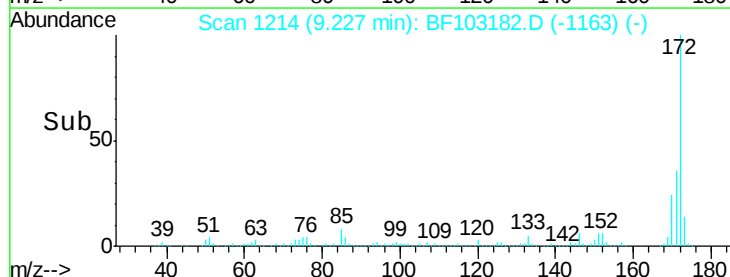
170 24.3 19.6 29.4

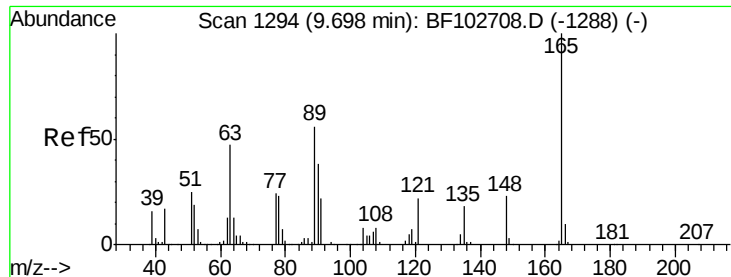


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

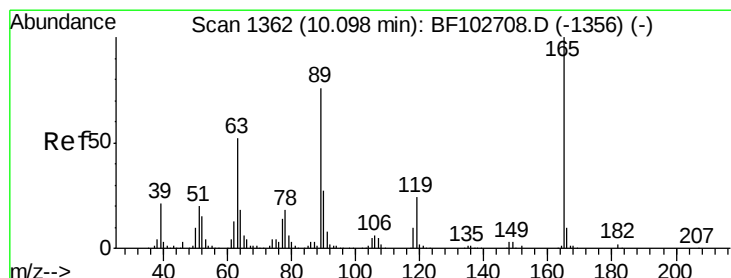
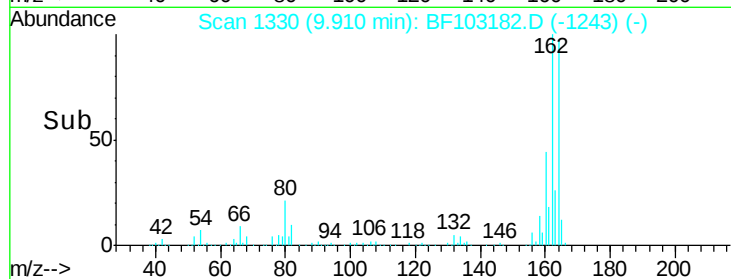
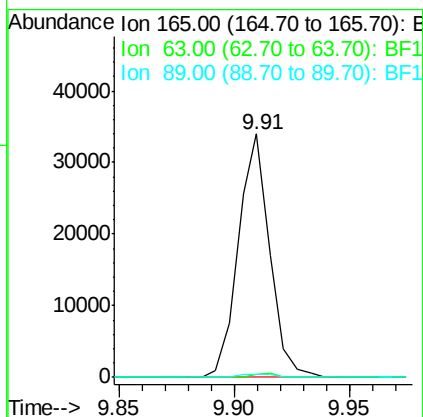
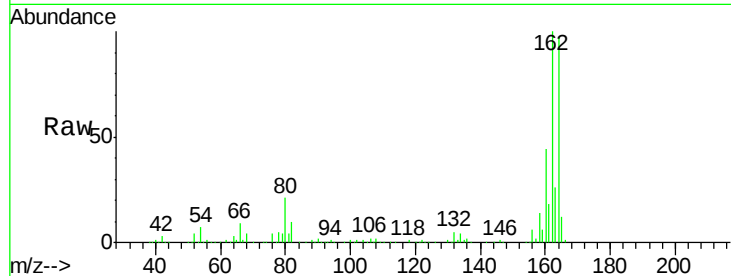




#50
 2,6-Dinitrotoluene
 Concen: 7.484 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103182.D
 Acq: 23 Feb 2018 00:06

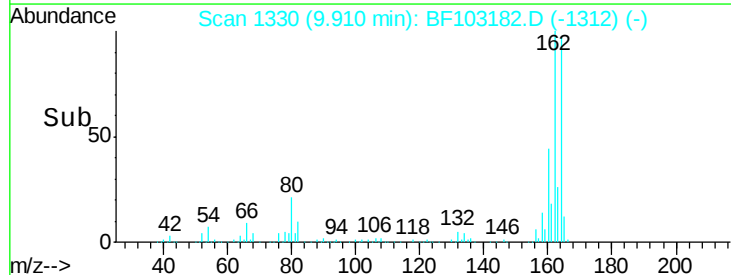
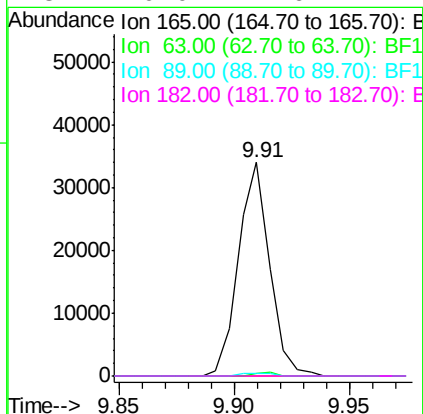
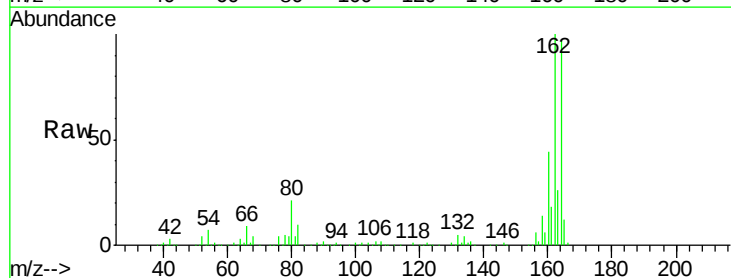
Instrument :
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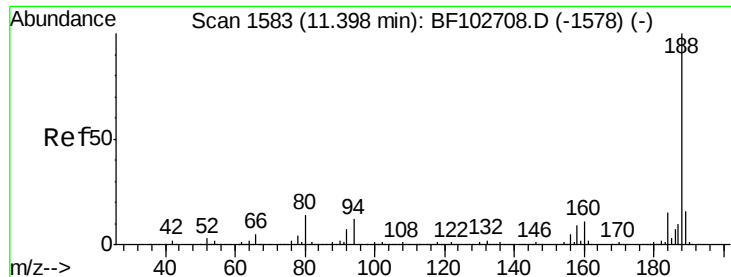
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.917 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF103182.D
 Acq: 23 Feb 2018 00:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

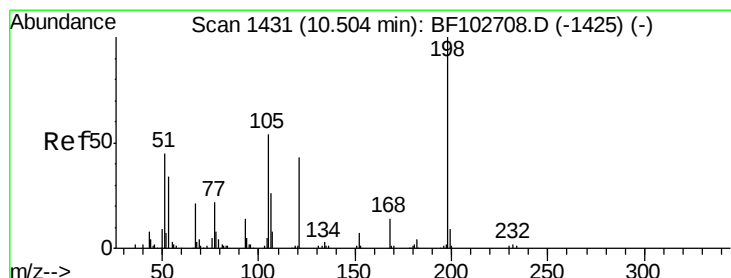
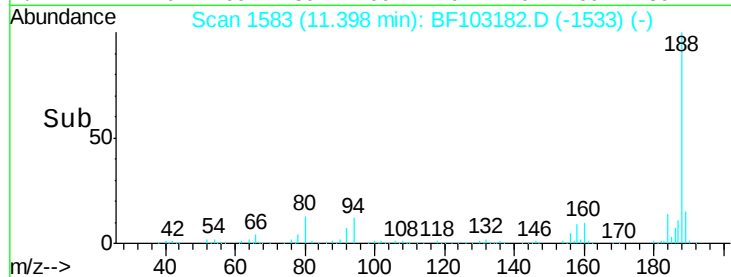
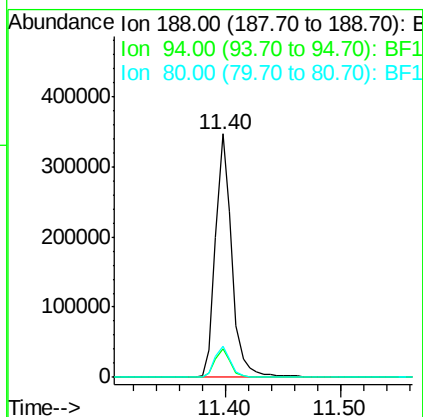
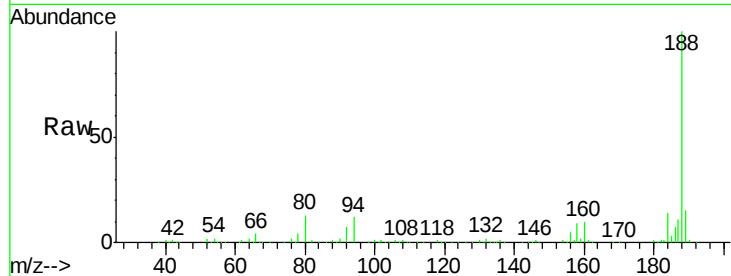




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

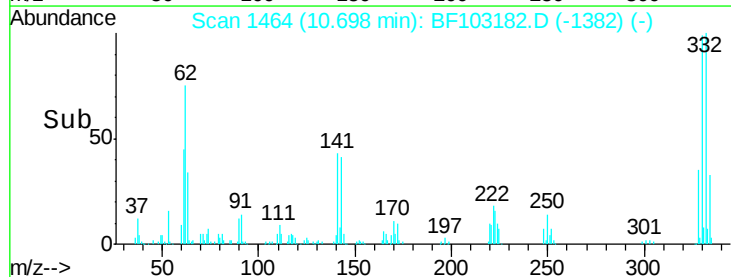
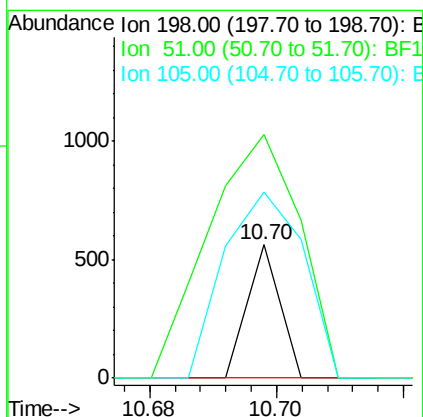
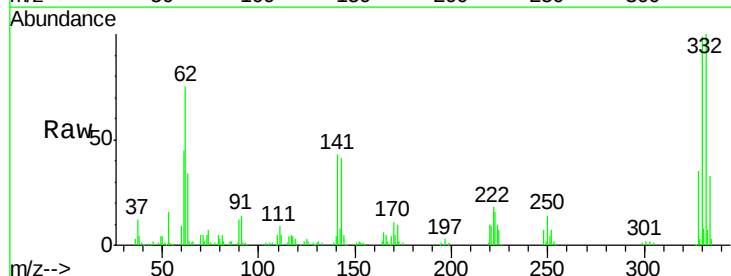
Instrument :
BNA_F
ClientSampleId :
PB106745BL

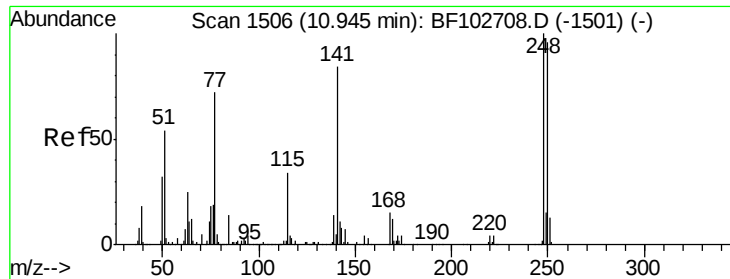
Tot Ion:188 Resp: 341461
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 13.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.031 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Tgt Ion:198 Resp: 199
Ion Ratio Lower Upper
198 100
51 182.4 37.7 77.7#
105 139.3 36.3 76.3#

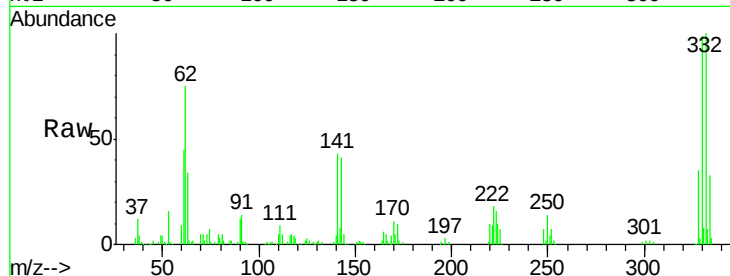




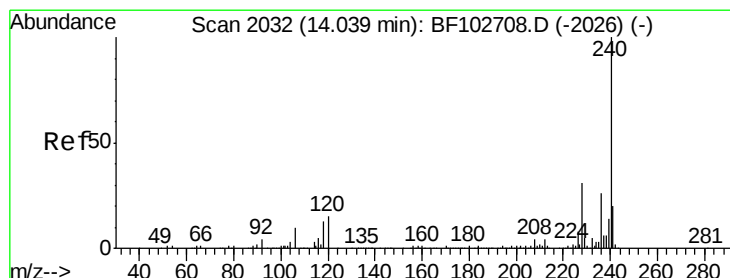
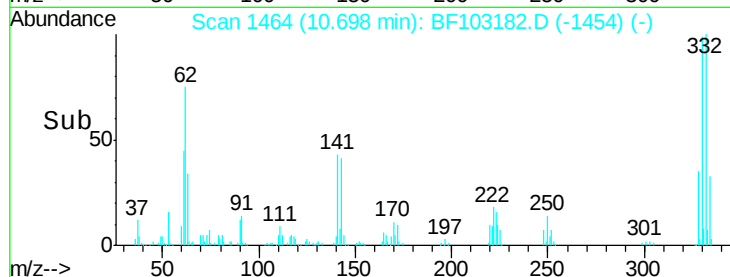
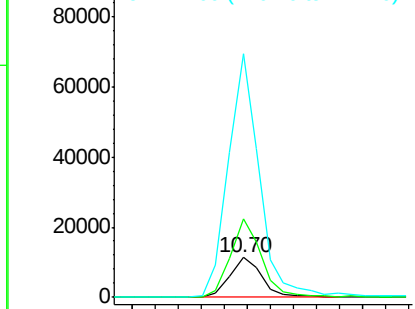
#66
4-Bromophenyl-phenylether
Concen: 3.040 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Instrument :
BNA_F
ClientSampleId :
PB106745BL

Tot Ion:248 Resp: 10815
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 613.5 74.4 111.6#

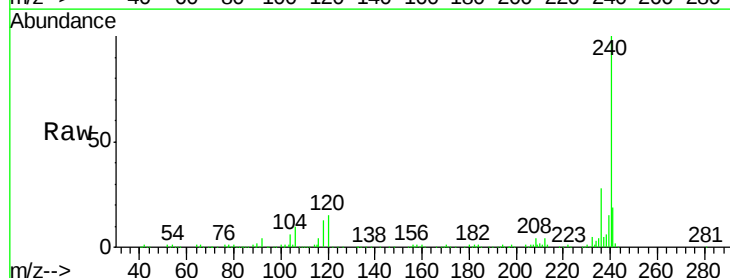


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

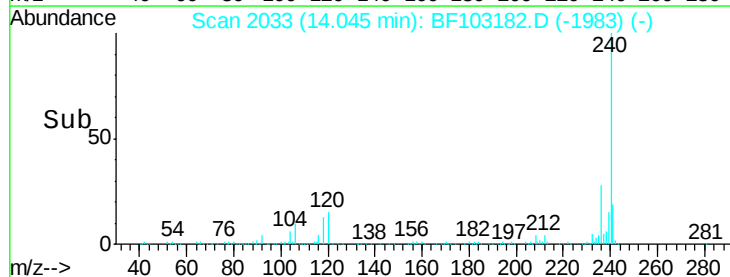
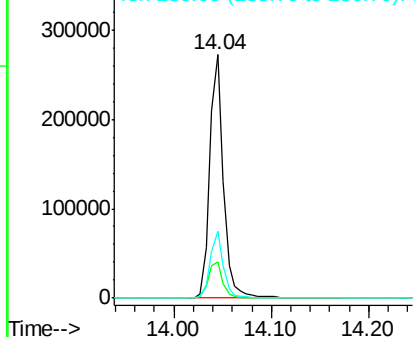


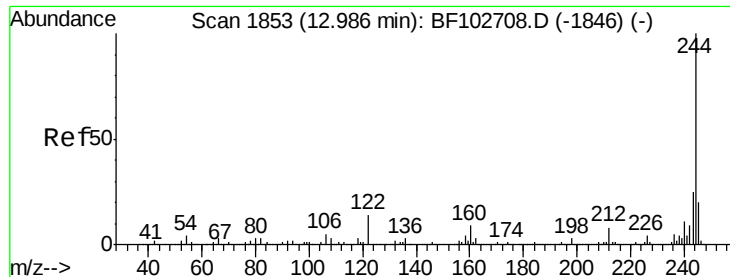
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103182.D
Acq: 23 Feb 2018 00:06

Tgt Ion:240 Resp: 264700
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 27.7 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: 65.480 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

Instrument :

BNA_F

ClientSampleId :

PB106745BL

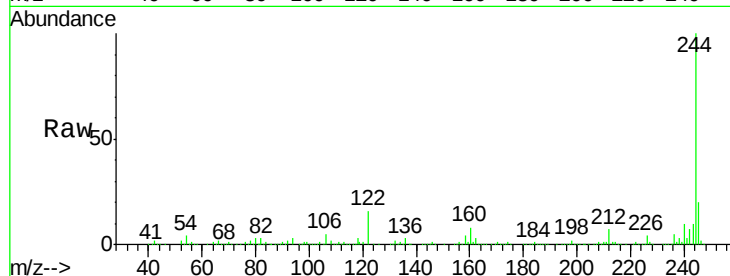
Tot Ion:244 Resp: 721033

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

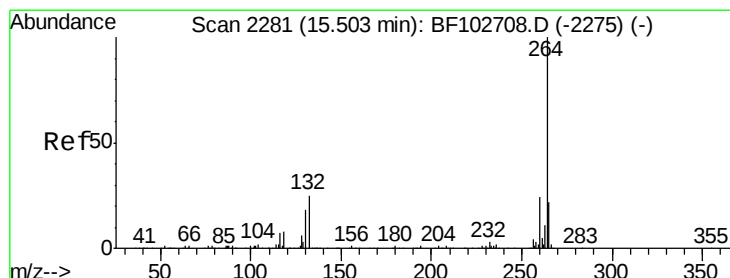
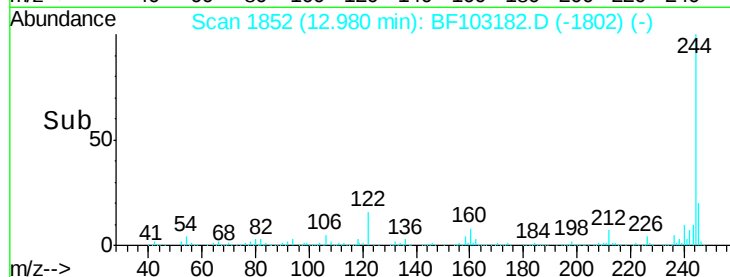
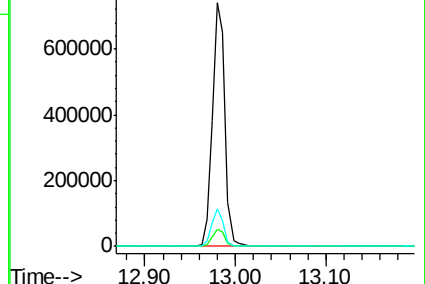
122 15.7 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103182.D

Acq: 23 Feb 2018 00:06

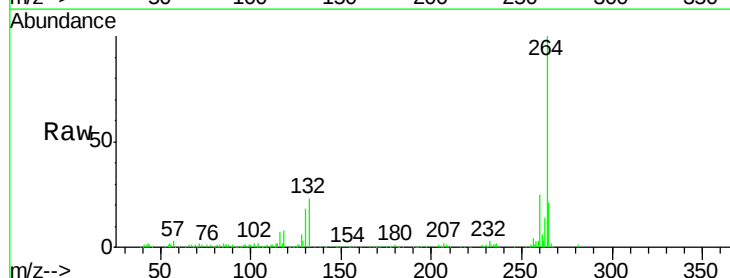
Tgt Ion:264 Resp: 241402

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.1 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

