

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103181.D
 Acq On : 22 Feb 2018 23:40
 Operator : SJ/JU
 Sample : PB106758BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BL

Quant Time: Feb 23 02:17:13 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	162871	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	674657	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	269187	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	368261	20.00	ng	0.00
75) Chrysene-d12	14.04	240	276238	20.00	ng	0.00
86) Perylene-d12	15.54	264	244688	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1130769	105.00	ng	0.02
7) Phenol-d6	6.50	99	1355584	102.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	877191	74.25	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	197416	86.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1329296	85.07	ng	0.00
78) Terphenyl-d14	12.98	244	831523	72.36	ng	0.00

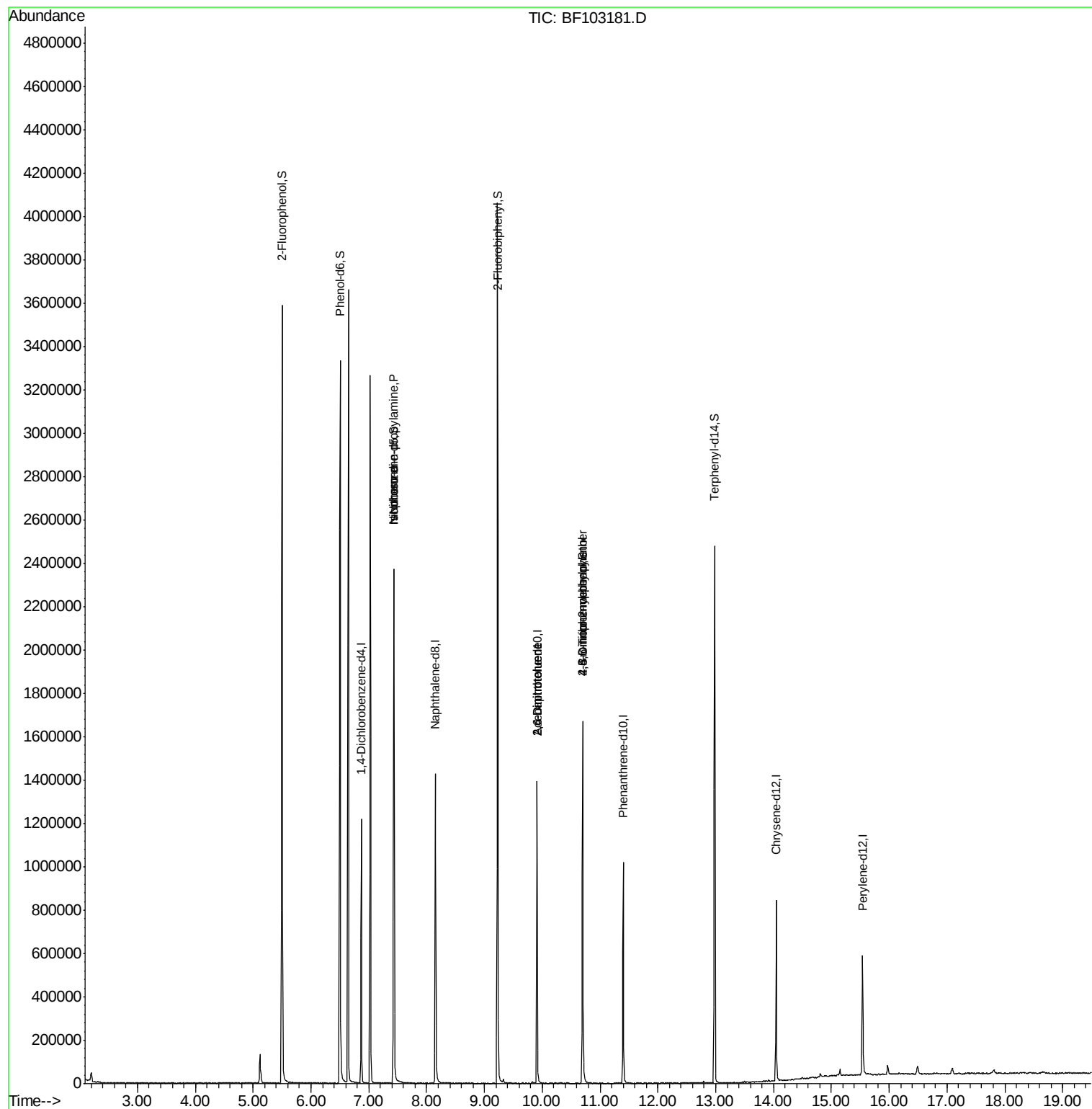
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1904	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	115237	14.051	ng	# 83
25) Isophorone	7.43	82	877186	37.701	ng	# 64
50) 2,6-Dinitrotoluene	9.91	165	33727	7.442	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	33727	5.885	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	405	5.107	ng	# 2
66) 4-Bromophenyl-phenylether	10.70	248	12708	3.313	ng	# 1

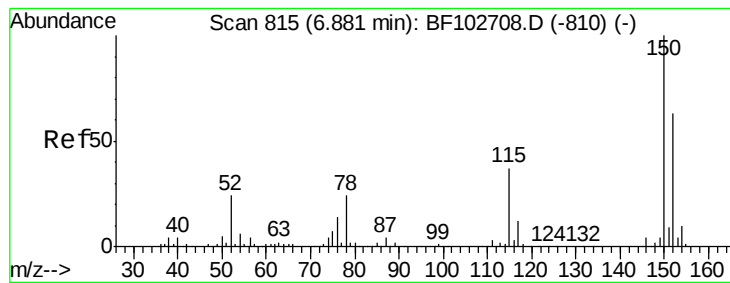
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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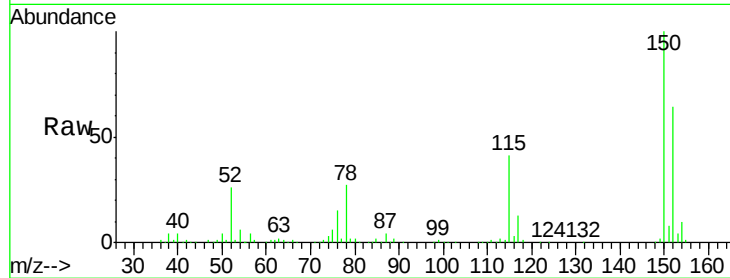


#1

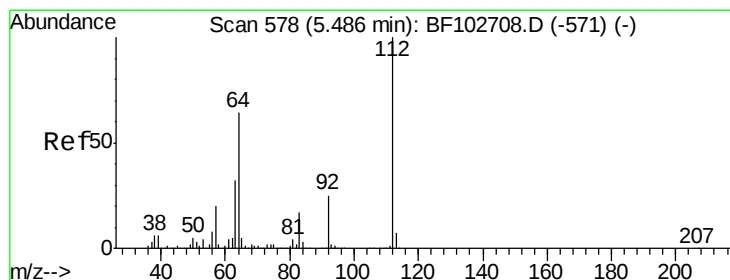
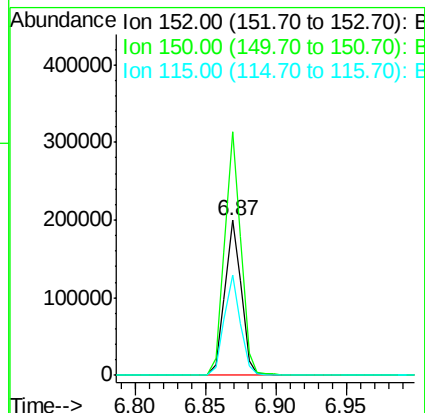
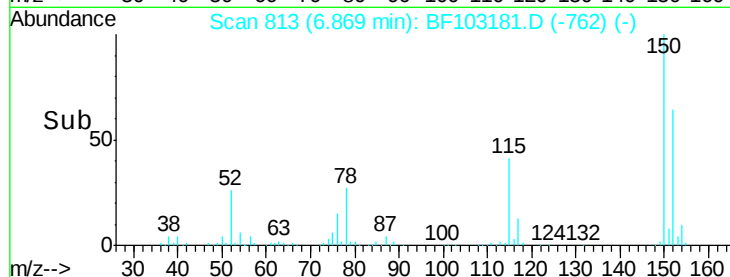
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Instrument :
BNA_F
ClientSampleId :
PB106758BL

Tot Ion:152 Resp: 162871
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 64.7 50.1 75.1



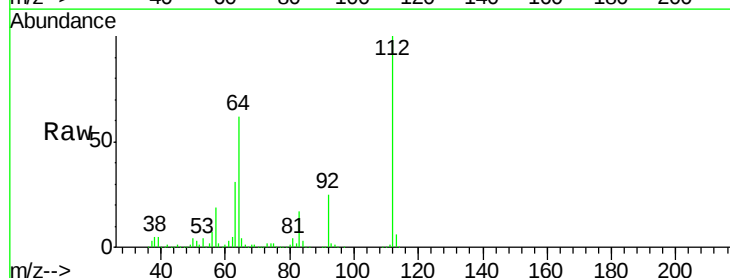
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



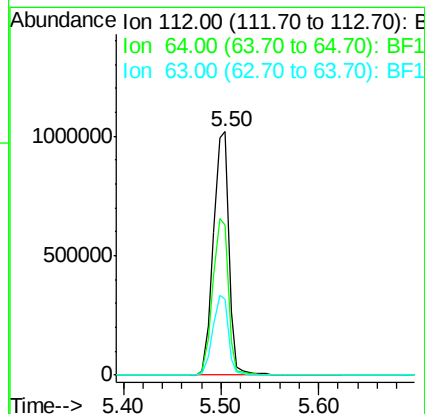
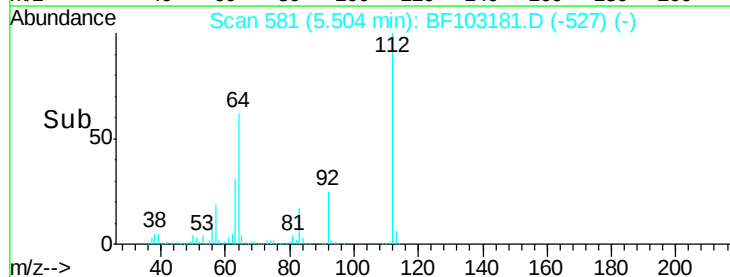
#5

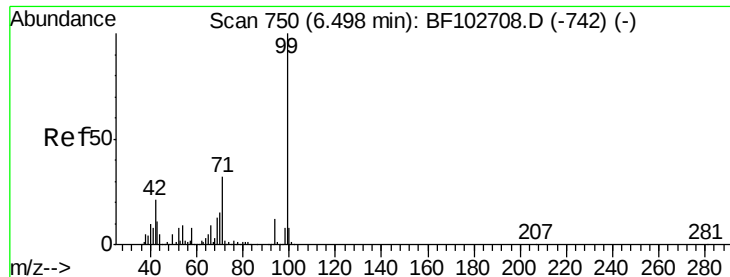
2-Fluorophenol
Concen: 105.004 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion:112 Resp: 1130769
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 31.4 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: 102.873 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

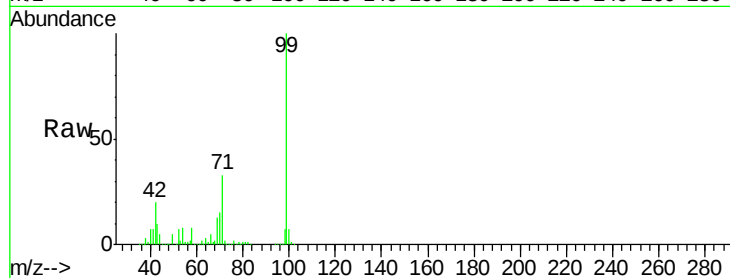
Tot Ion: 99 Resp: 1355584

Ion Ratio Lower Upper

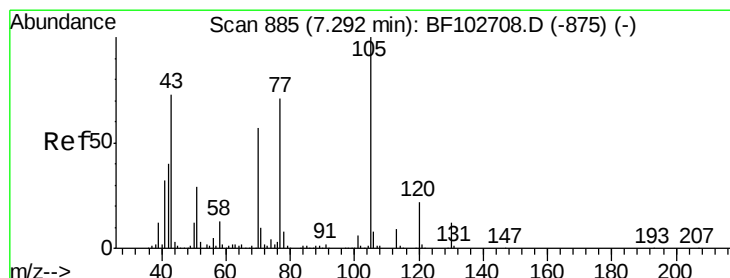
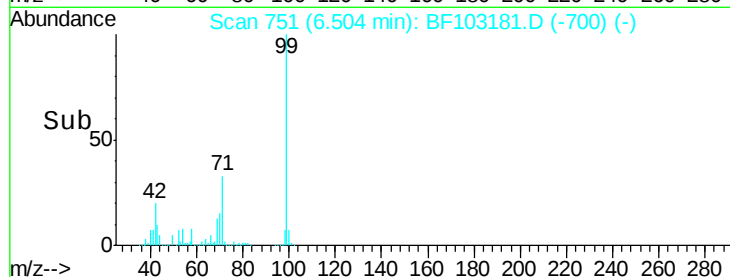
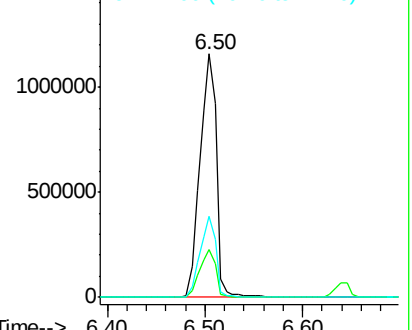
99 100

42 19.7 14.5 21.7

71 33.2 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: 14.051 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Tgt Ion: 70 Resp: 115237

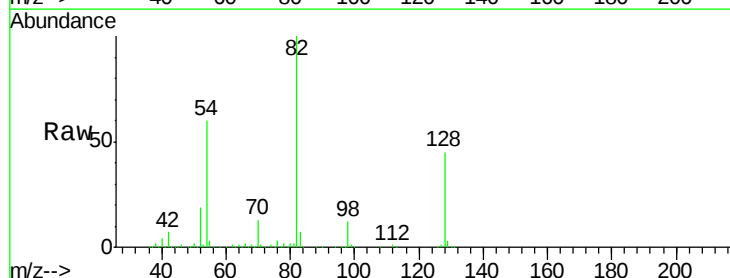
Ion Ratio Lower Upper

70 100

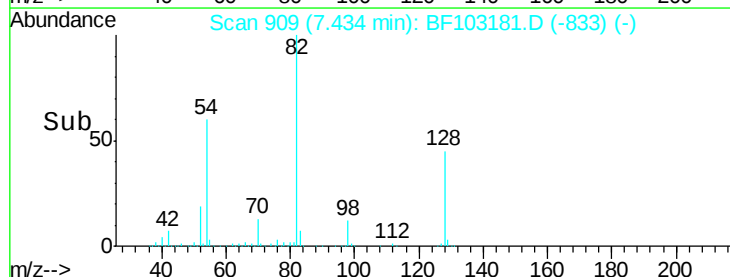
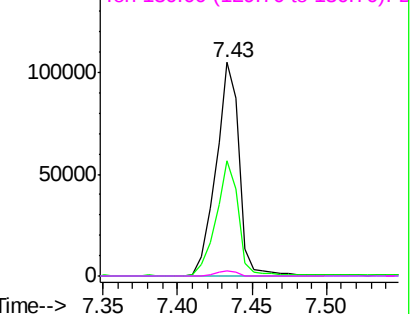
42 53.7 47.5 71.3

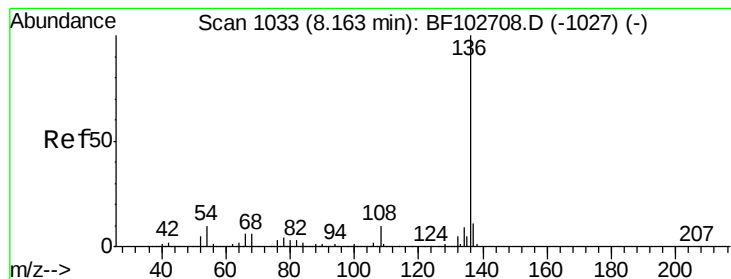
101 0.0 7.4 11.2#

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: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleId :

PB106758BL

Tot Ion:136 Resp: 674657

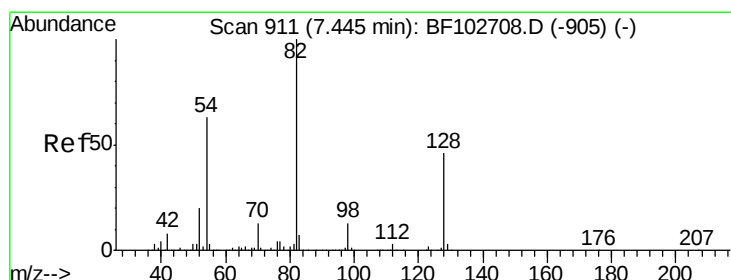
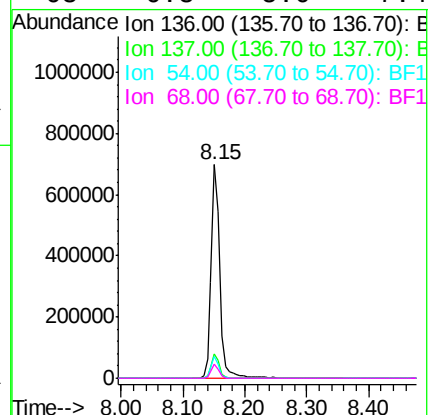
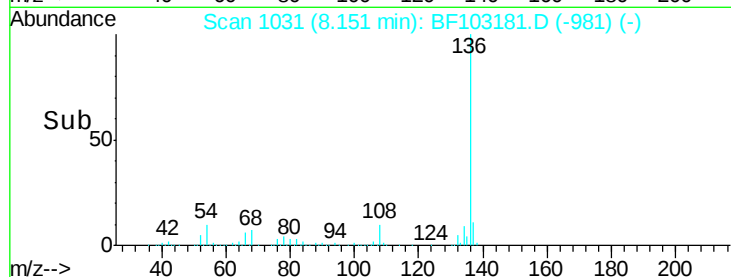
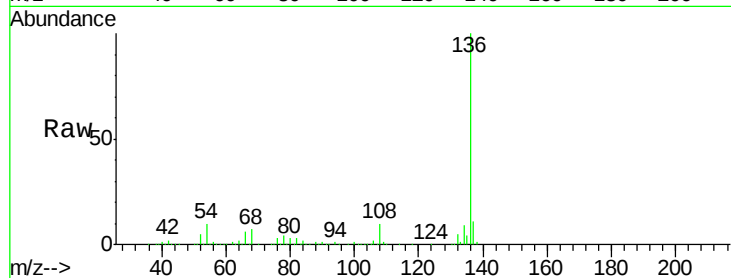
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.0 6.6 9.8#

68 6.8 5.0 7.4



#23

Nitrobenzene-d5

Concen: 74.253 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

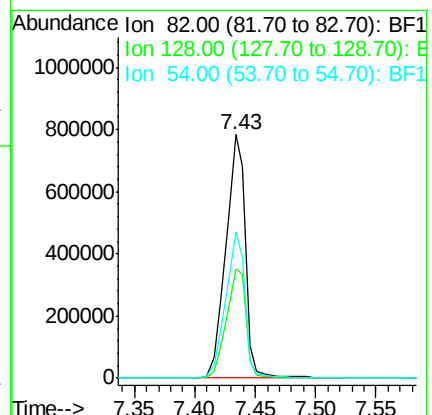
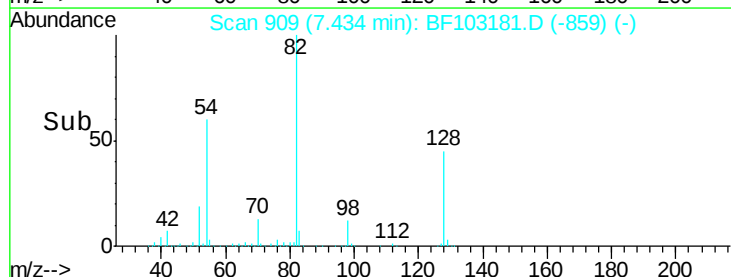
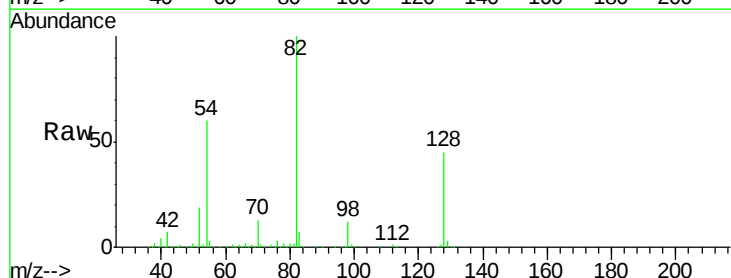
Tgt Ion: 82 Resp: 877191

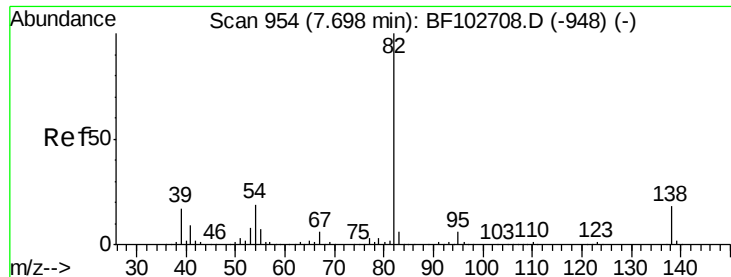
Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

54 59.8 41.4 62.2





#25

Isophorone

Concen: 37.701 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

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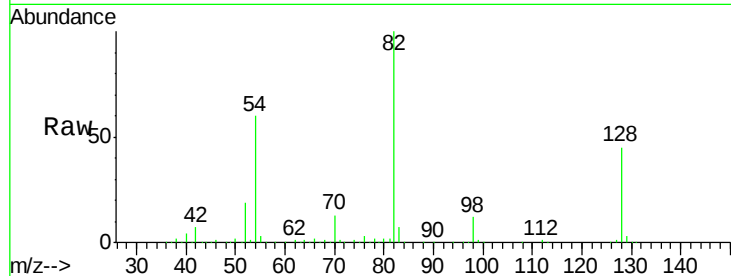
Tot Ion: 82 Resp: 877186

Ion Ratio Lower Upper

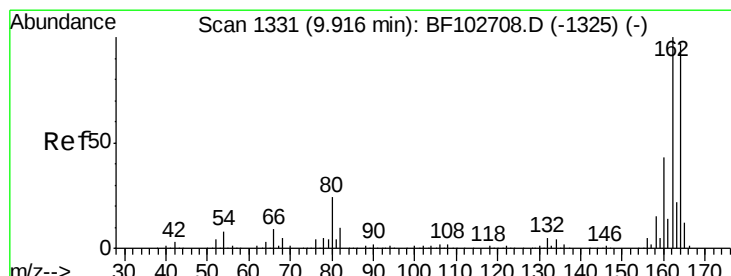
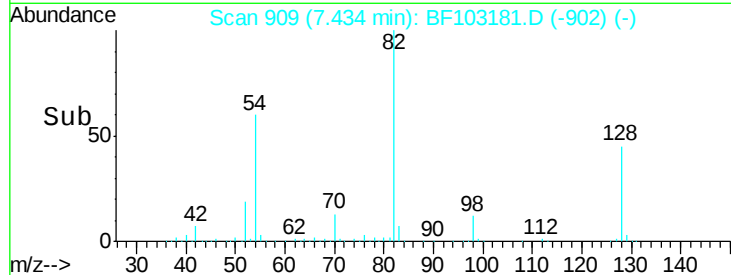
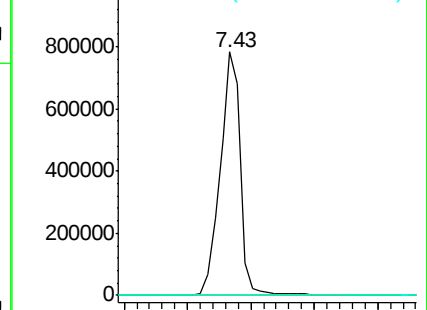
82 100

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: BF103181.D

Acq: 22 Feb 2018 23:40

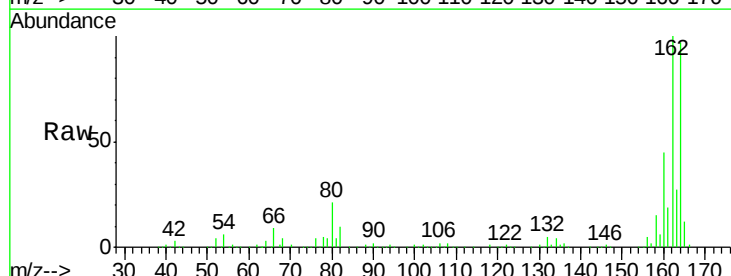
Tgt Ion: 164 Resp: 269187

Ion Ratio Lower Upper

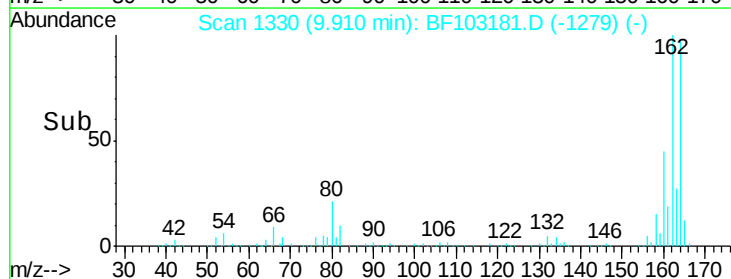
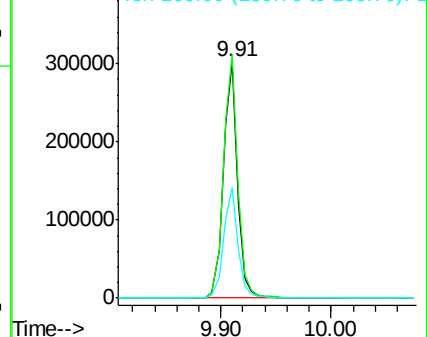
164 100

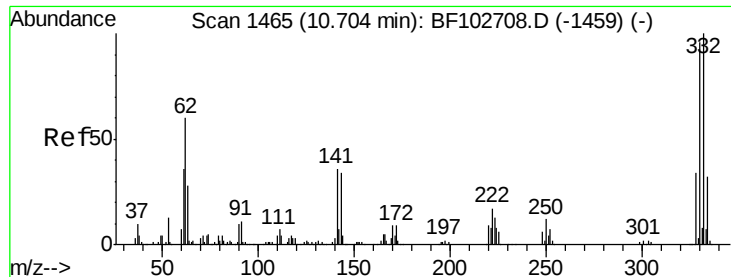
162 103.1 86.1 129.1

160 46.7 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

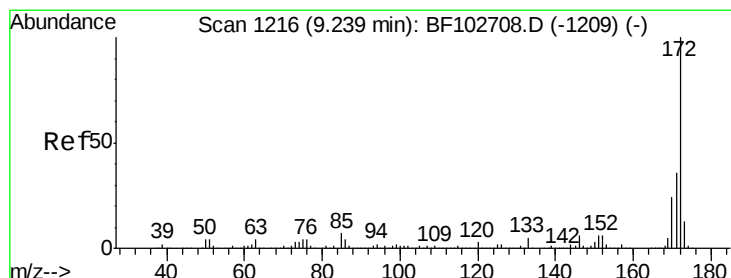
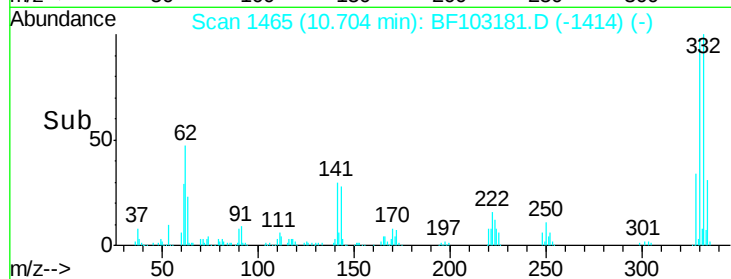
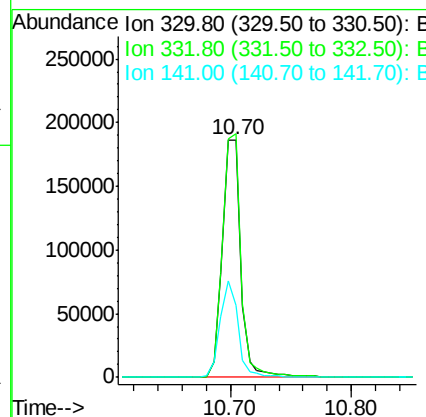
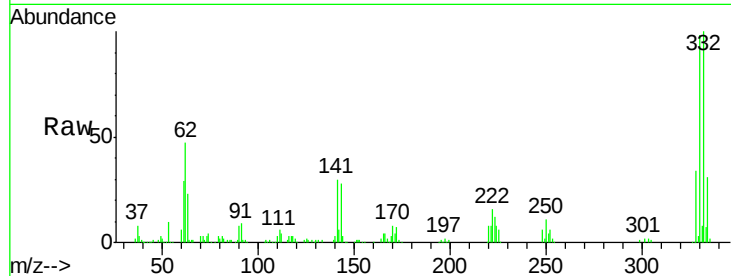




#41
 2,4,6-Tribromophenol
 Concen: 86.642 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

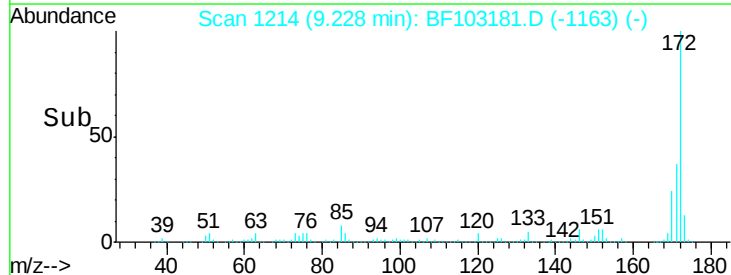
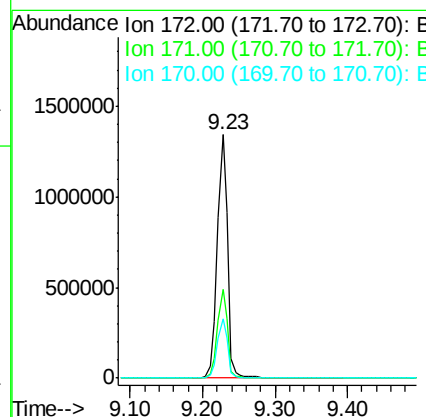
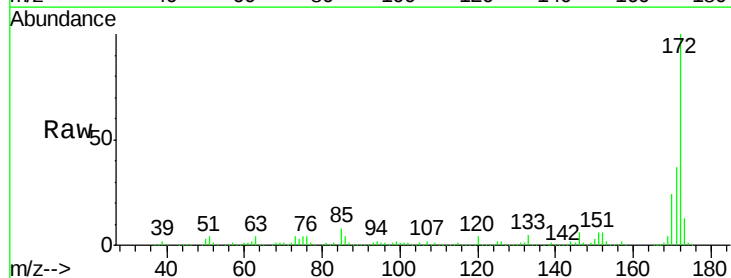
Instrument :
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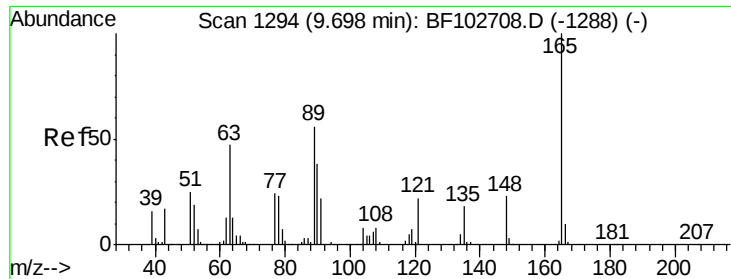
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.8	77.0	115.6
141	39.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.071 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4

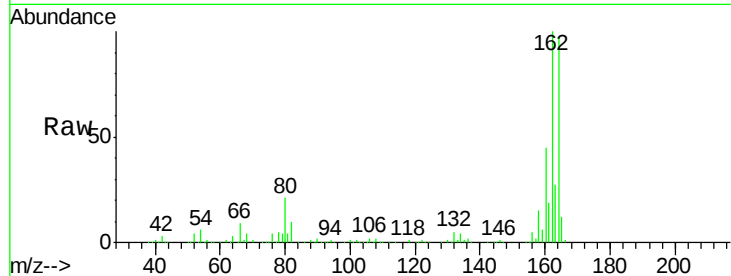




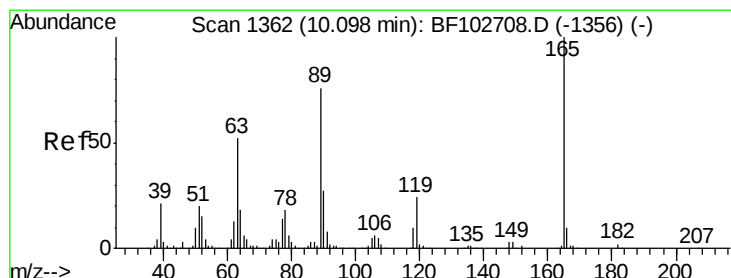
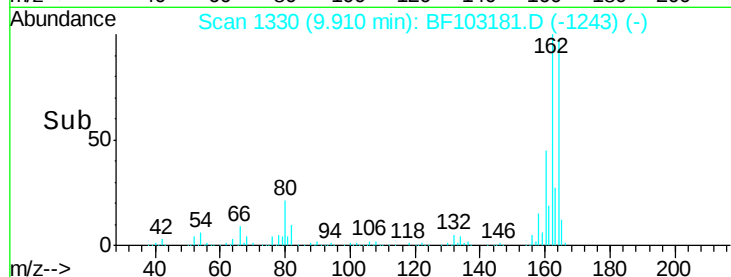
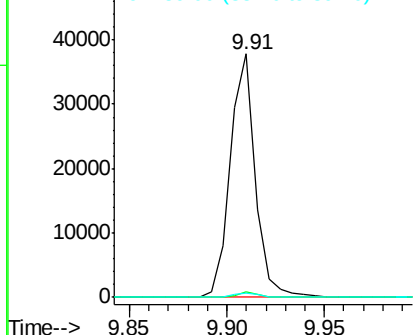
#50
 2,6-Dinitrotoluene
 Concen: 7.442 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BL

Tot Ion:165 Resp: 33727
 Ion Ratio Lower Upper
 165 100
 63 2.4 44.7 67.1#
 89 1.7 44.0 66.0#



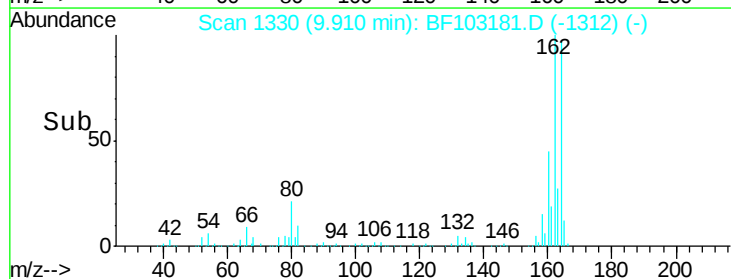
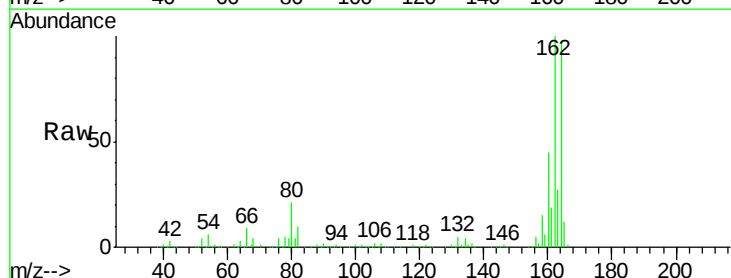
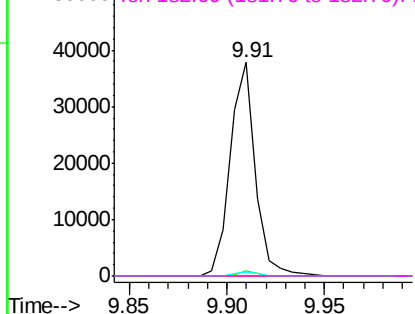
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

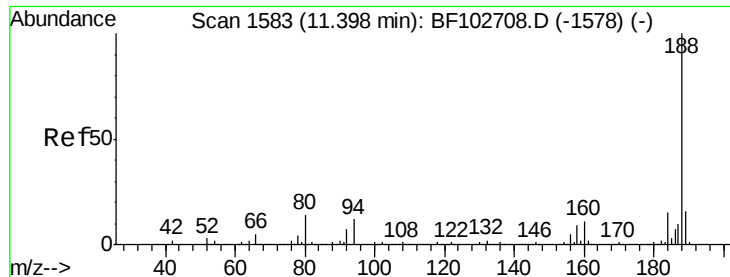


#56
 2,4-Dinitrotoluene
 Concen: 5.885 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF103181.D
 Acq: 22 Feb 2018 23:40

Tgt Ion:165 Resp: 33727
 Ion Ratio Lower Upper
 165 100
 63 2.4 36.4 54.6#
 89 1.7 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

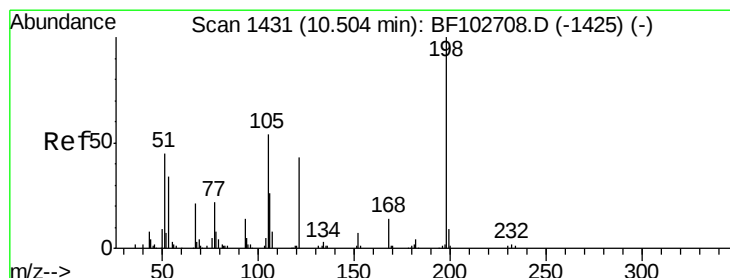
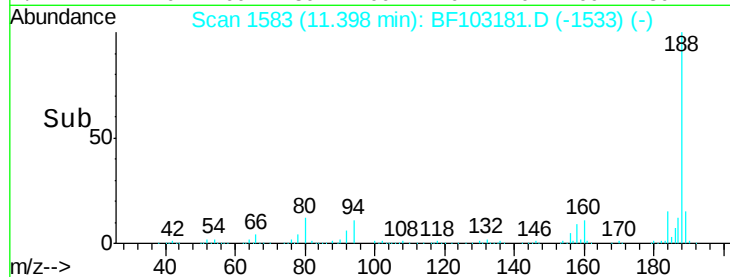
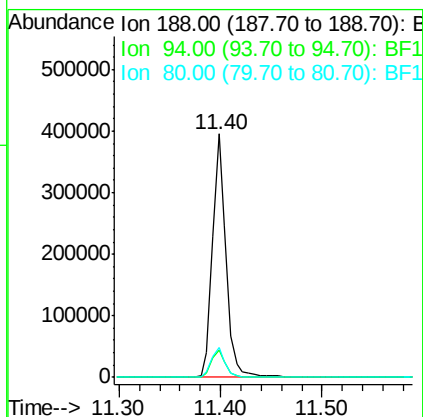
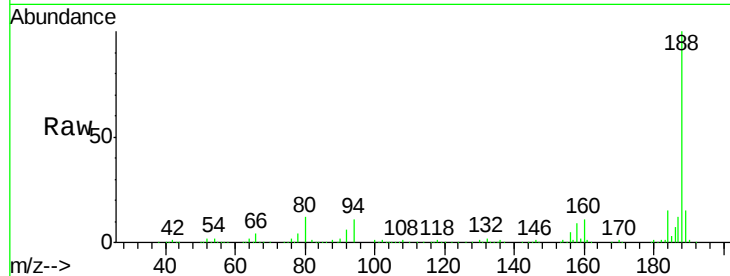




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

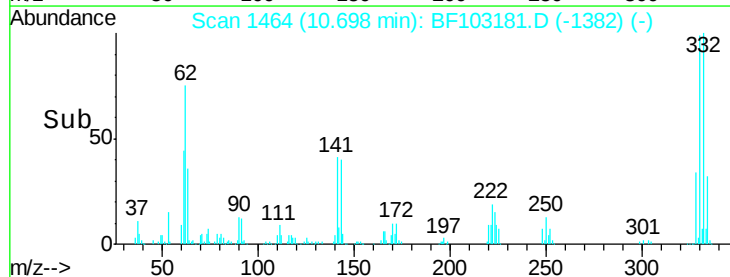
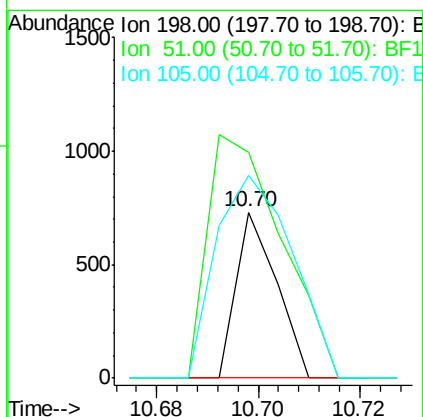
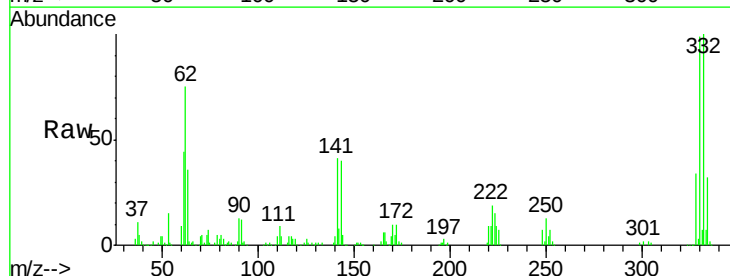
Instrument :
BNA_F
ClientSampleId :
PB106758BL

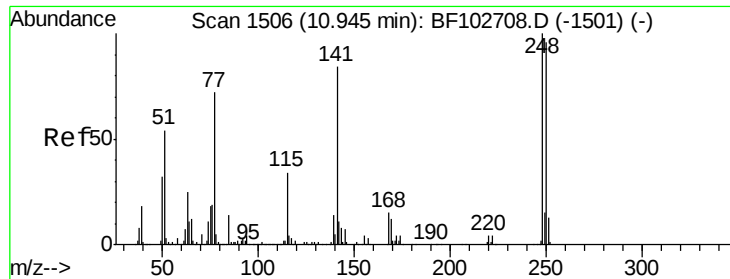
Tot Ion:188 Resp: 368261
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.107 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion:198 Resp: 405
Ion Ratio Lower Upper
198 100
51 136.0 37.7 77.7#
105 122.3 36.3 76.3#

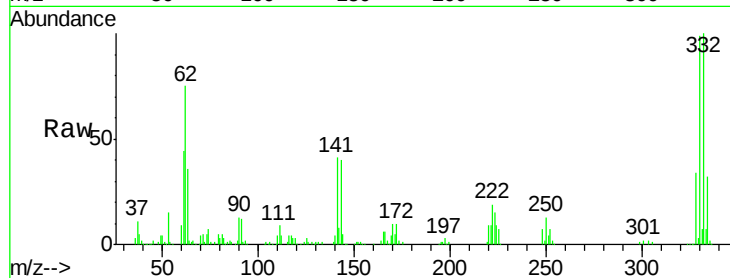




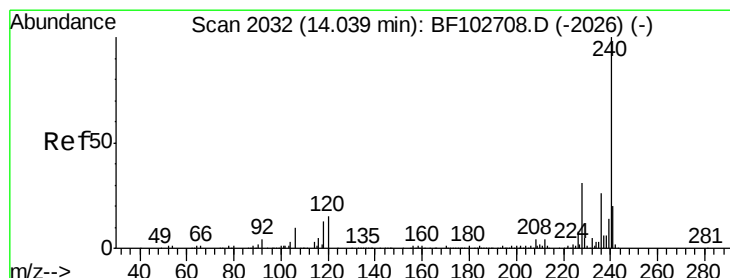
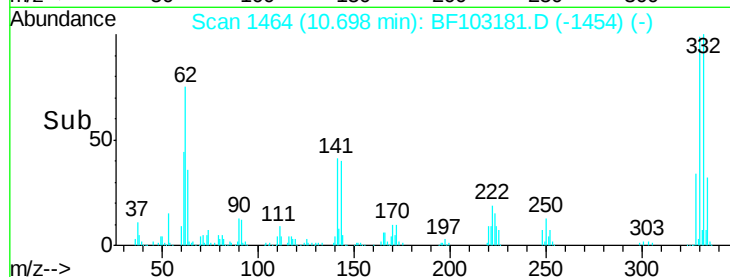
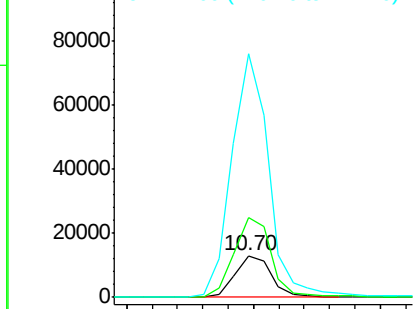
#66
4-Bromophenyl-phenylether
Concen: 3.313 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Instrument :
BNA_F
ClientSampleId :
PB106758BL

Tot Ion:248 Resp: 12708
Ion Ratio Lower Upper
248 100
250 192.0 76.9 115.3#
141 586.3 74.4 111.6#

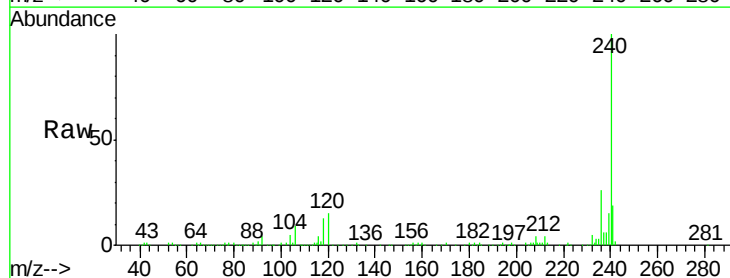


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

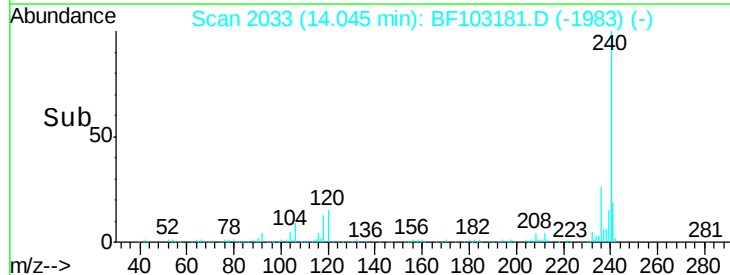
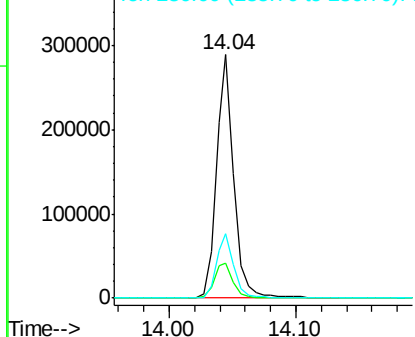


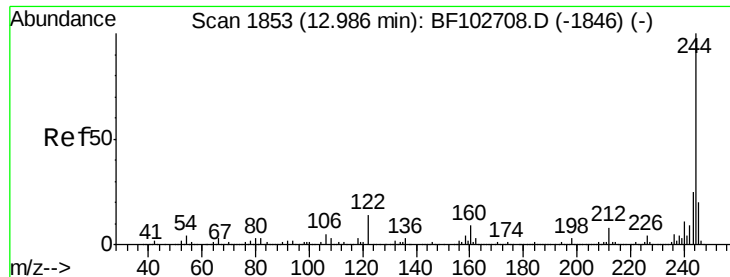
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103181.D
Acq: 22 Feb 2018 23:40

Tgt Ion:240 Resp: 276238
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.2 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: 72.360 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103181.D

Acq: 22 Feb 2018 23:40

Instrument :

BNA_F

ClientSampleID :

PB106758BL

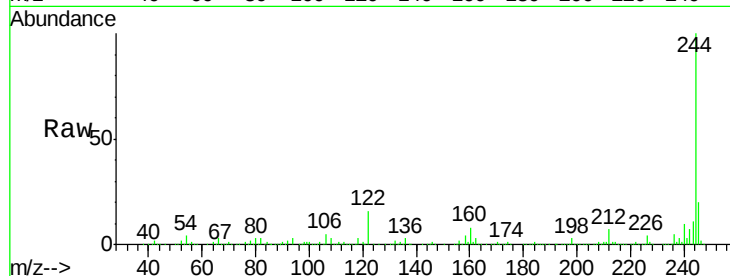
Tot Ion:244 Resp: 831523

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

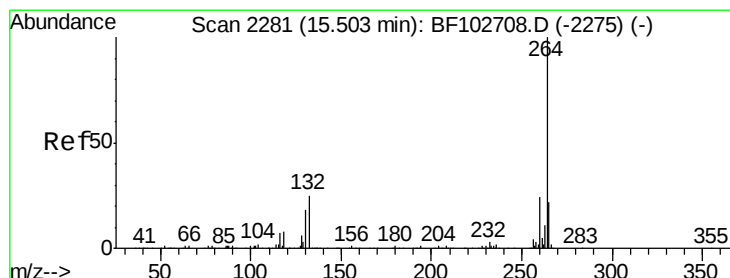
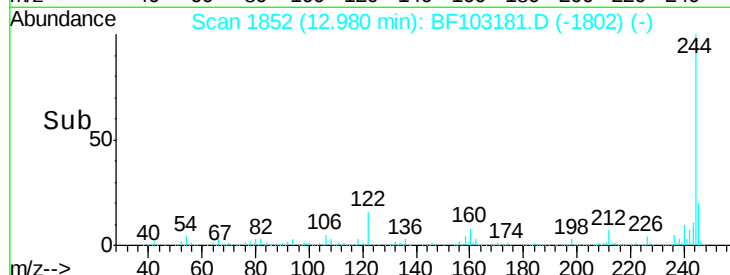
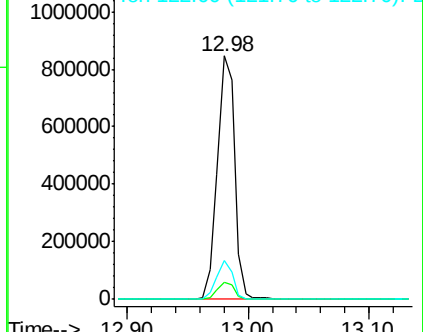
122 15.8 11.0 16.4



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: BF103181.D

Acq: 22 Feb 2018 23:40

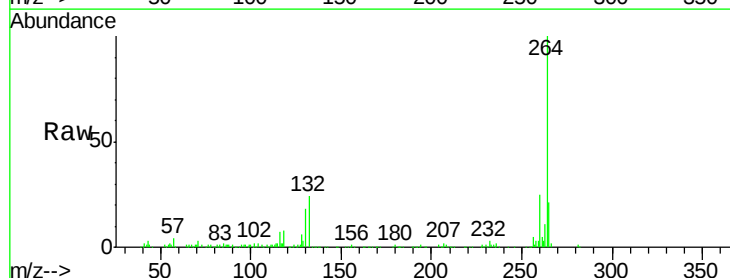
Tgt Ion:264 Resp: 244688

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.2 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

