

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103708.D
 Acq On : 16 Mar 2018 20:40
 Operator : JU/SJ
 Sample : J1929-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 23:00:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172266	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	693394	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	307047	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	470361	20.00	ng	0.00
75) Chrysene-d12	14.14	240	315038	20.00	ng	0.00
86) Perylene-d12	15.68	264	299769	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1048056	92.54	ng	0.01
7) Phenol-d6	6.59	99	1290668	93.15	ng	0.00
23) Nitrobenzene-d5	7.53	82	769929	77.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	230687	87.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1229900	63.89	ng	0.00
78) Terphenyl-d14	13.09	244	865332	63.76	ng	0.00

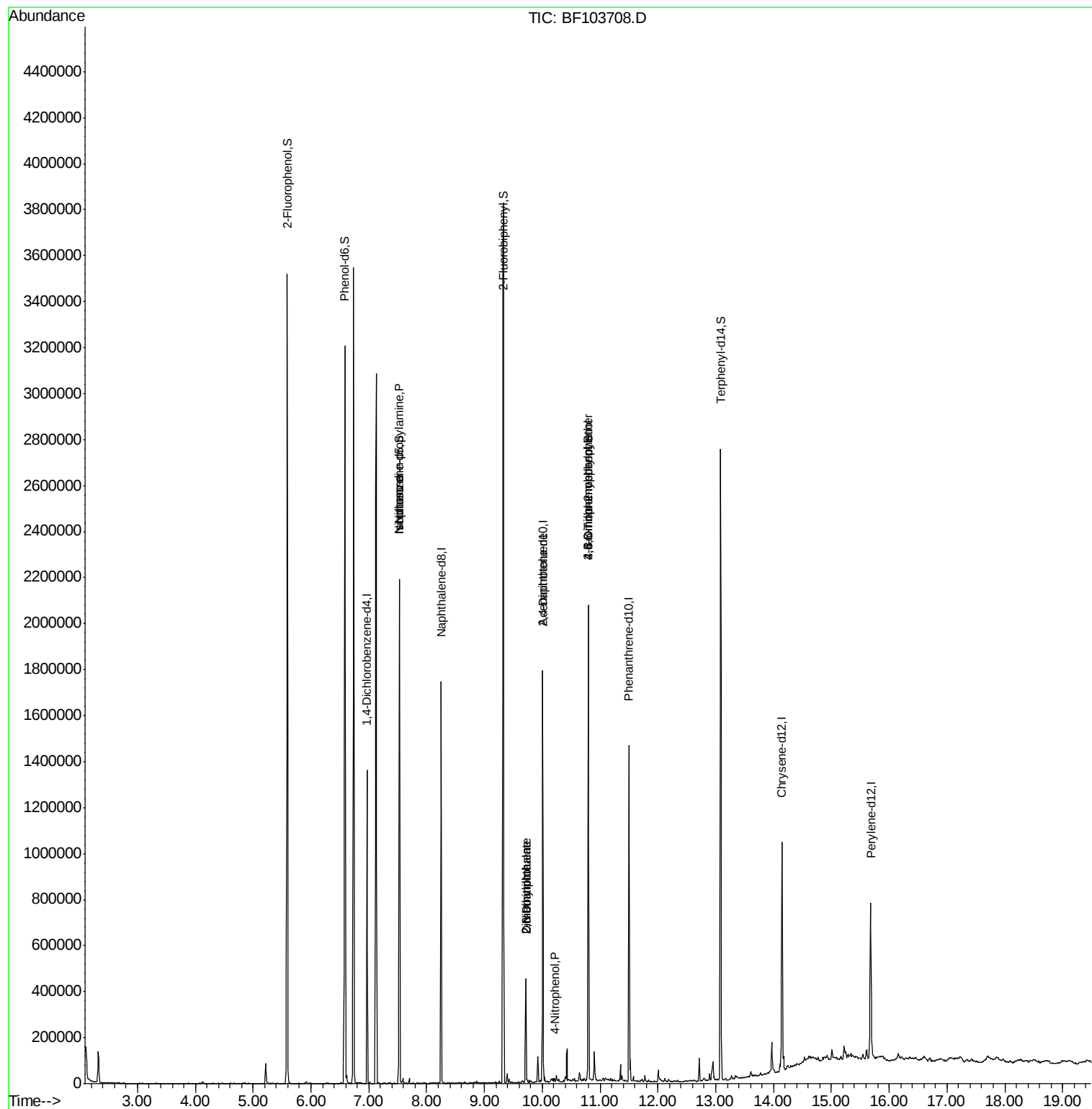
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	100310	11.296	ng	# 75
25) Isophorone	7.53	82	769917	33.449	ng	# 64
47) 2-Nitroaniline	9.71	65	1801	7.105	ng	# 1
49) Dimethylphthalate	9.72	163	165977	7.085	ng	# 98
50) 2,6-Dinitrotoluene	9.71	165	1832	4.354	ng	# 1
55) 4-Nitrophenol	10.21	139	888	5.164	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	39885	12.261	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	550	8.467	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14406	2.983	ng	# 1

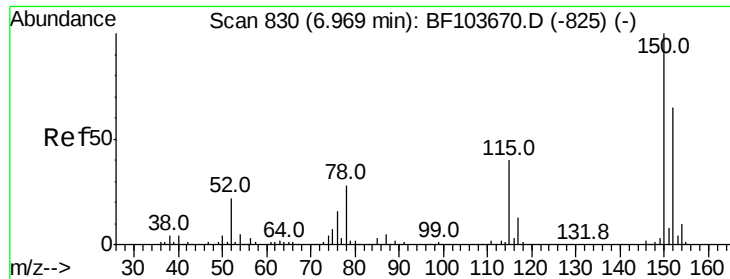
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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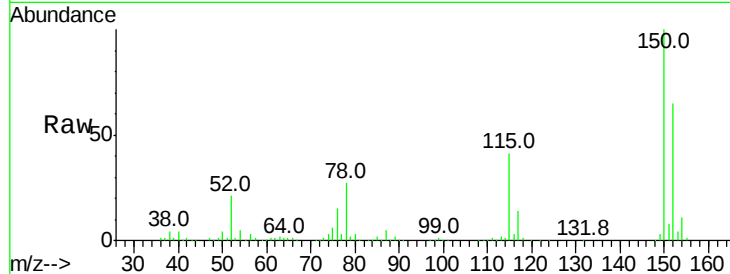


#1

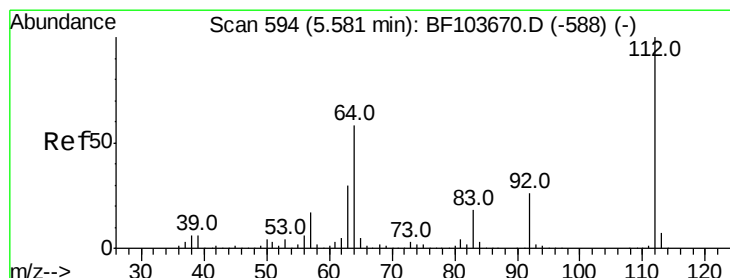
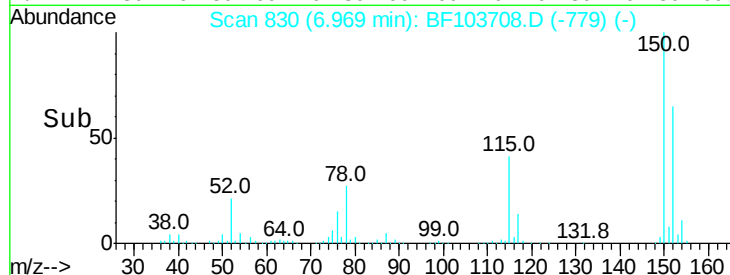
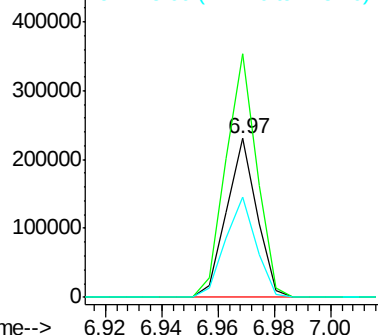
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103708.D
Acq: 16 Mar 2018 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172266
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 63.3 50.1 75.1



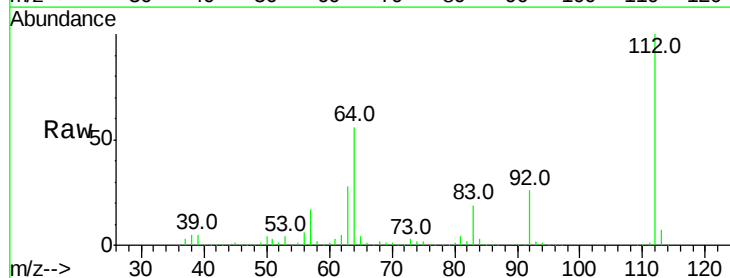
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



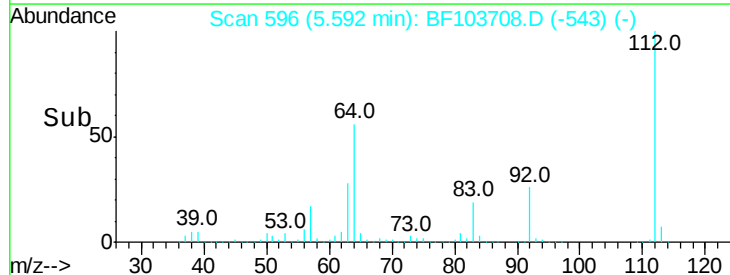
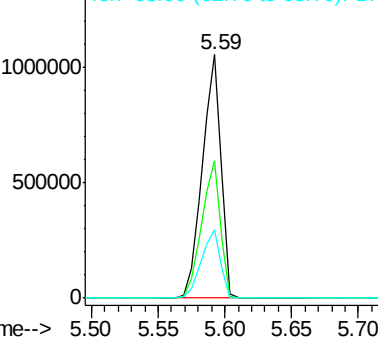
#5

2-Fluorophenol
Concen: 92.536 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103708.D
Acq: 16 Mar 2018 20:40

Tgt Ion:112 Resp: 1048056
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.2 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: 93.146 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

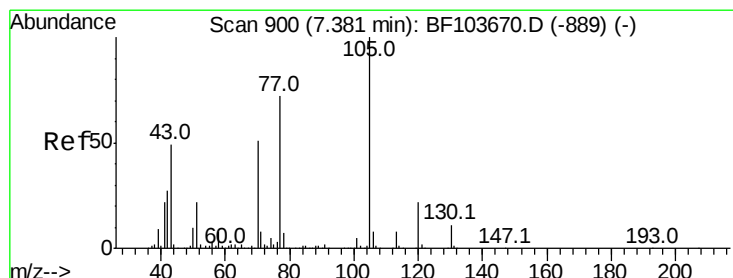
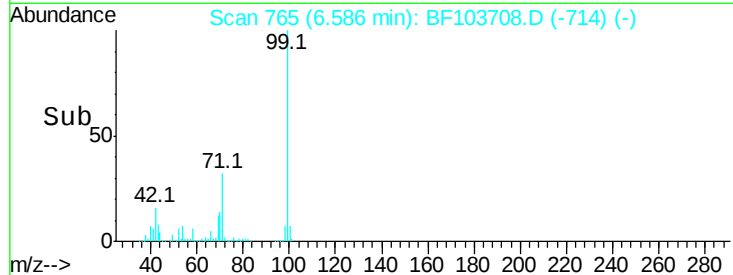
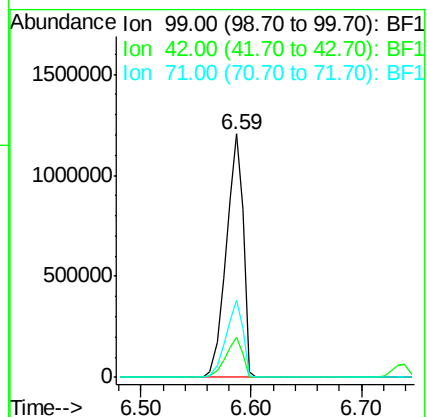
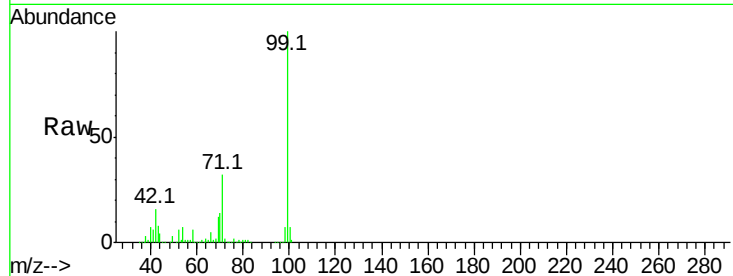
Tot Ion: 99 Resp: 1290668

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.296 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

Tgt Ion: 70 Resp: 100310

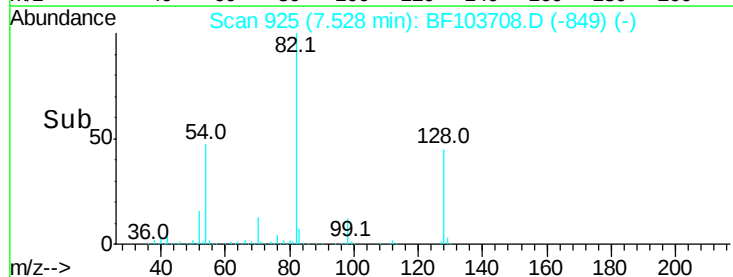
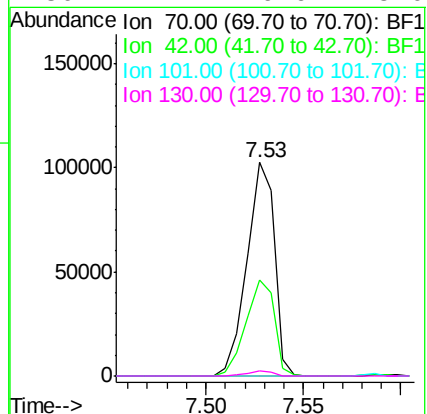
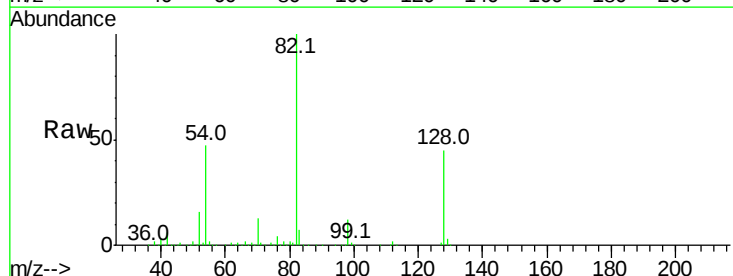
Ion Ratio Lower Upper

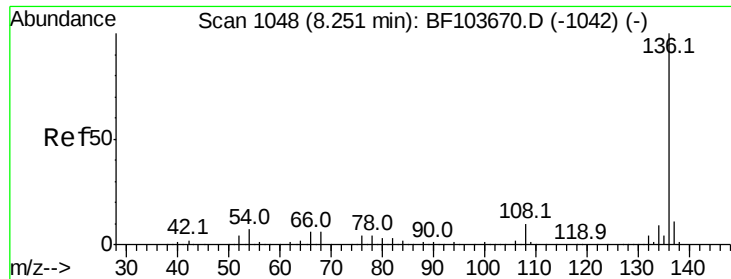
70 100

42 44.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

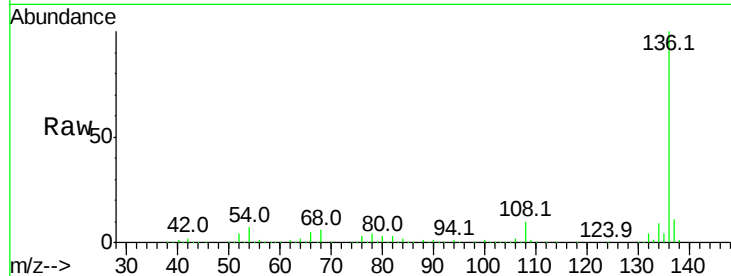




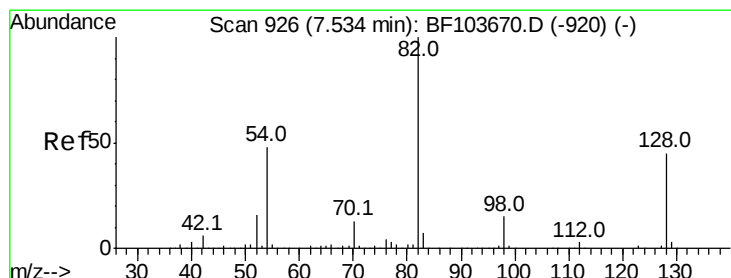
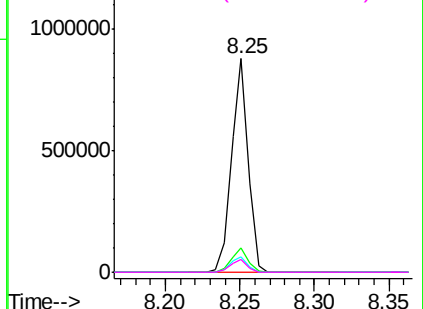
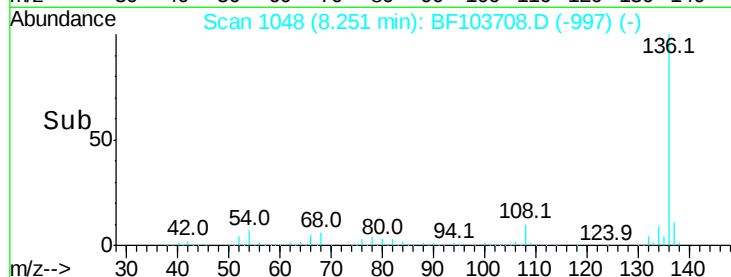
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103708.D
Acq: 16 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	693394
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

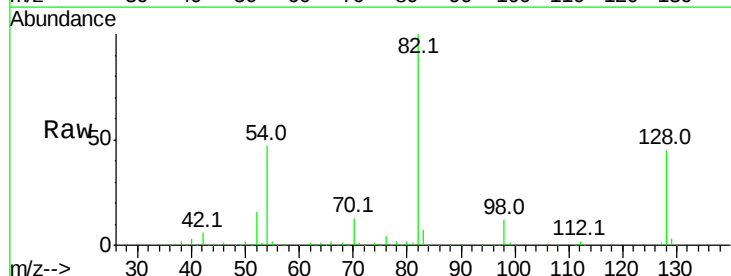


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

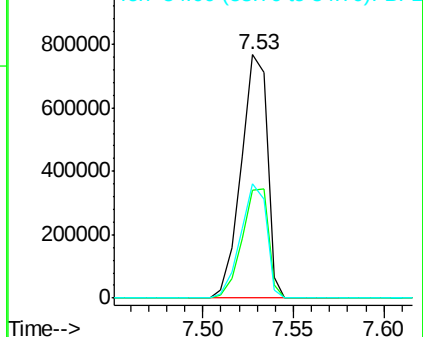
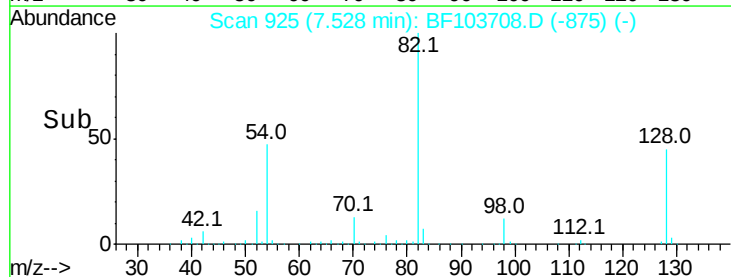


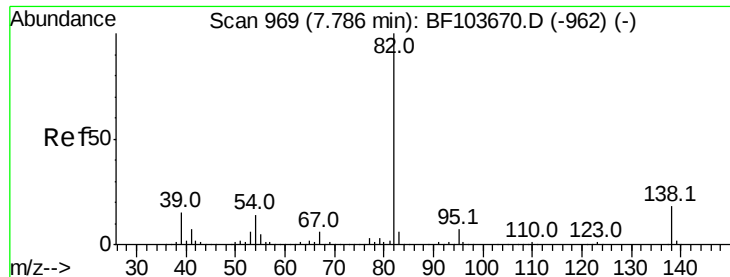
#23
Nitrobenzene-d5
Concen: 77.433 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103708.D
Acq: 16 Mar 2018 20:40

Tgt Ion:	82	Resp:	769929
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	47.1	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: 33.449 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

Instrument :
BNA_F
ClientSampled :

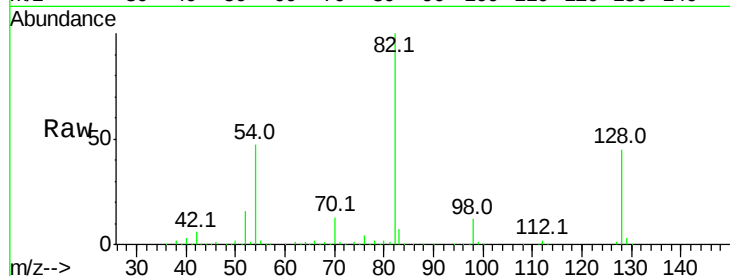
Tot Ion: 82 Resp: 769917

Ion Ratio Lower Upper

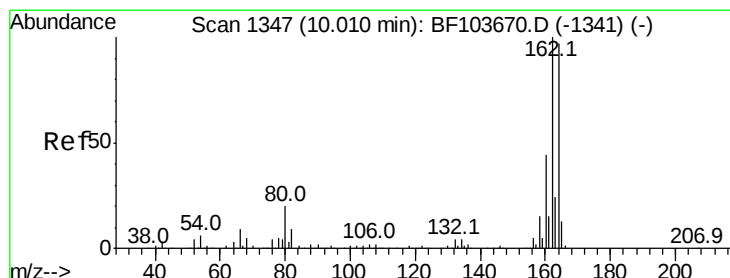
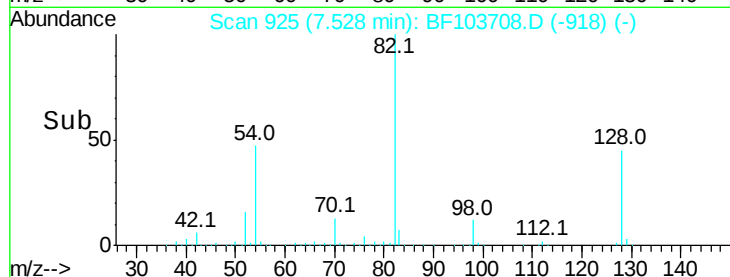
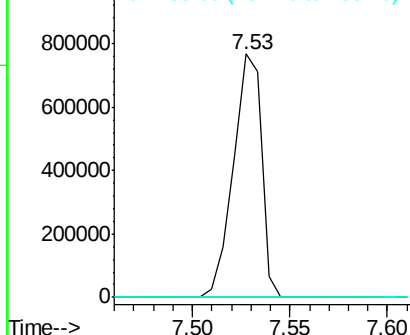
82 100

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: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

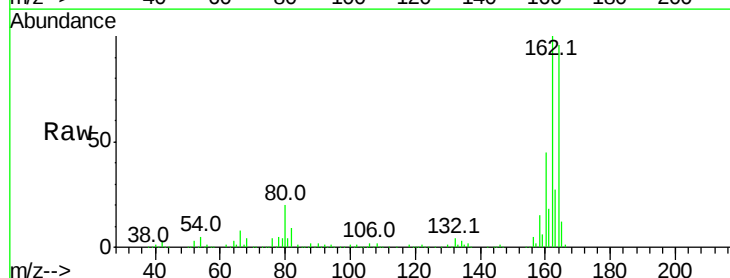
Tgt Ion:164 Resp: 307047

Ion Ratio Lower Upper

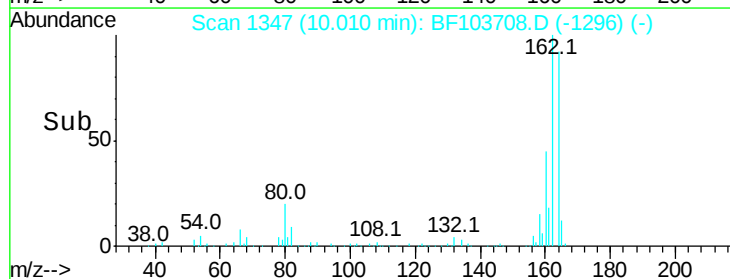
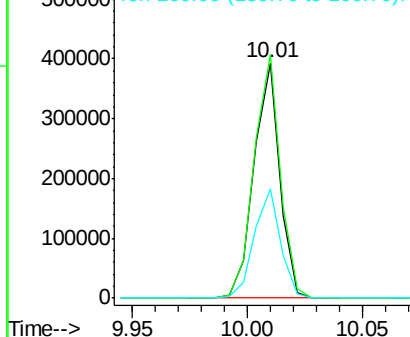
164 100

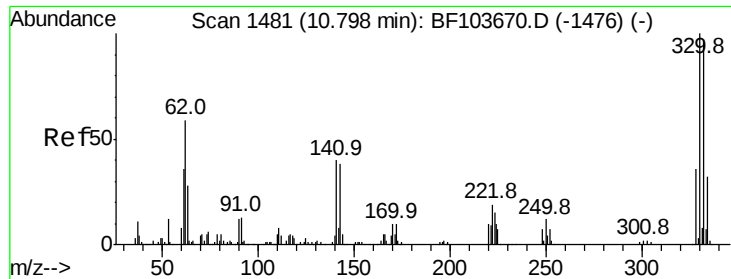
162 103.7 86.1 129.1

160 46.6 38.3 57.5



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

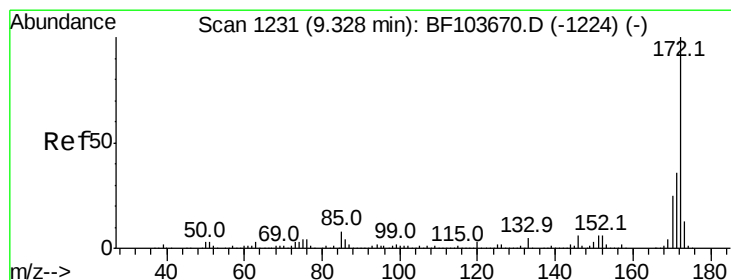
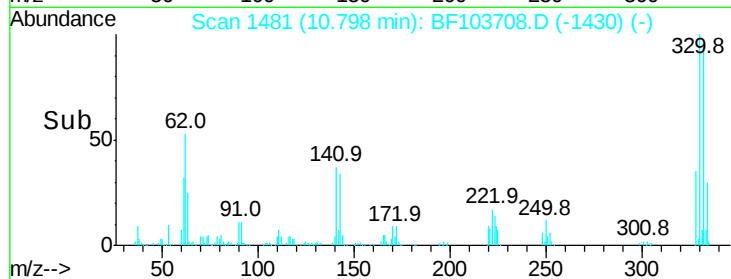
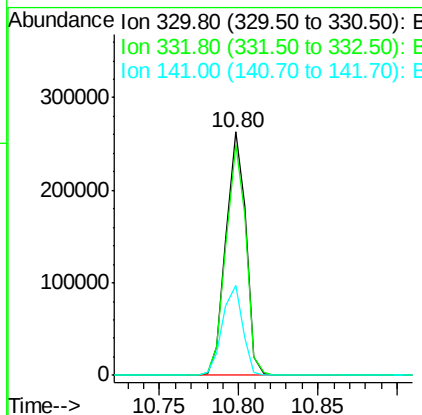
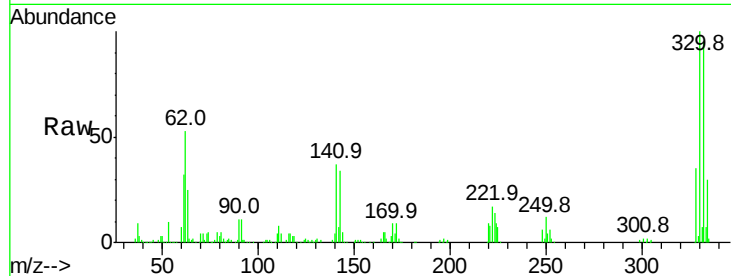




#41
 2,4,6-Tribromophenol
 Concen: 87.381 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

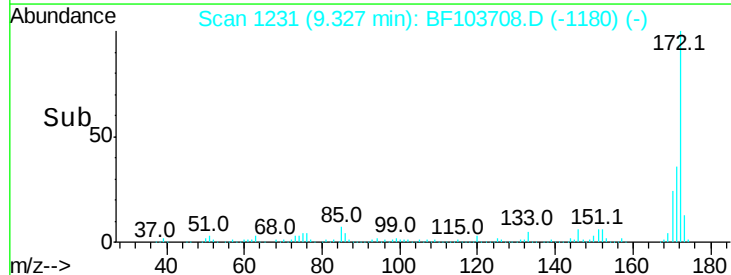
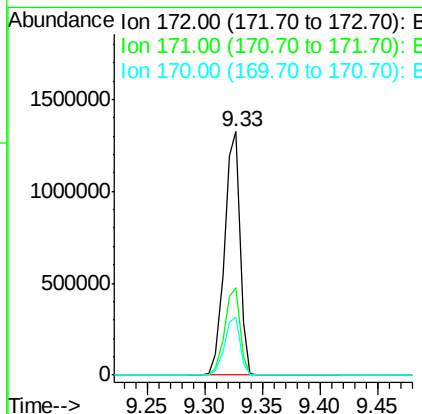
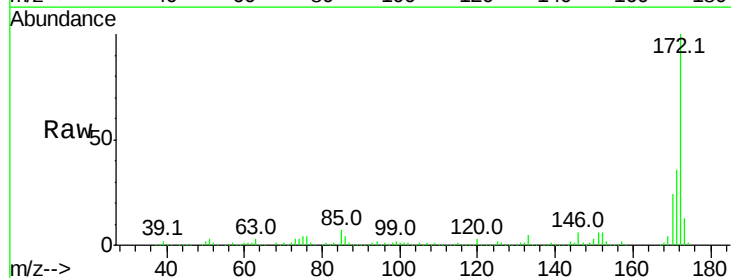
Instrument :
 BNA_F
 ClientSampleId :

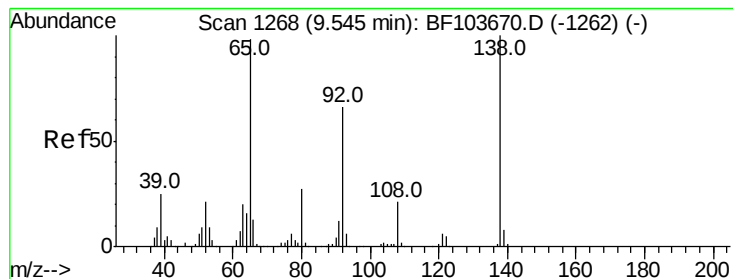
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	37.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 63.895 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4





#47

2-Nitroaniline

Concen: 7.105 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.16 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

Instrument :

BNA_F

ClientSampled :

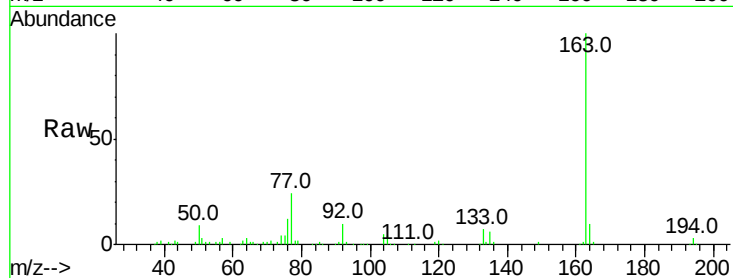
Tot Ion: 65 Resp: 1801

Ion Ratio Lower Upper

65 100

92 879.8 55.8 83.6#

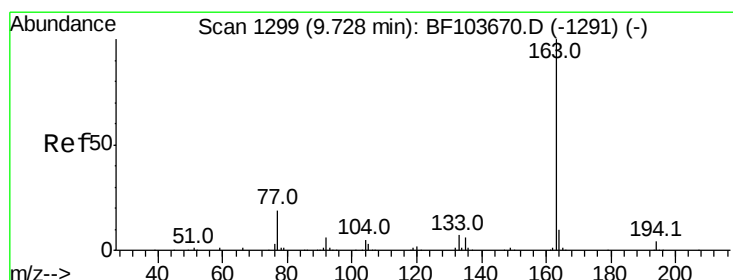
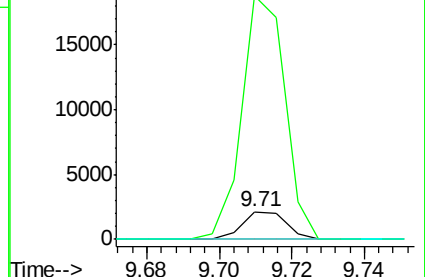
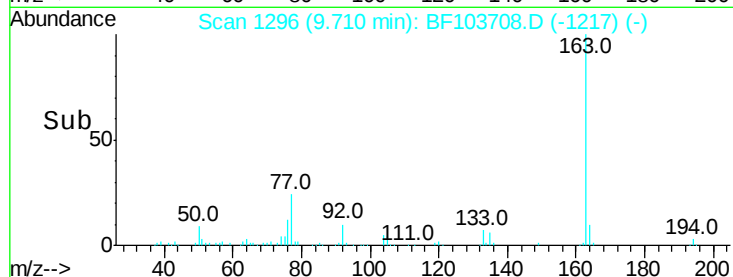
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Dimethylphthalate

Concen: 7.085 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

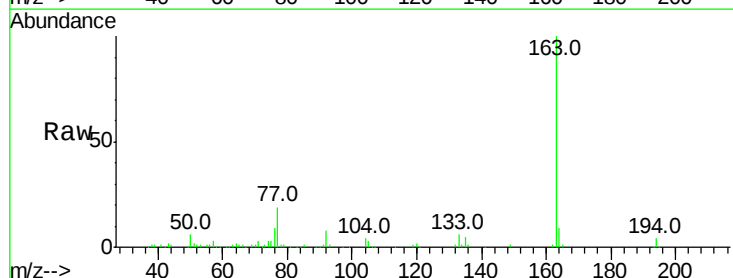
Tgt Ion:163 Resp: 165977

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

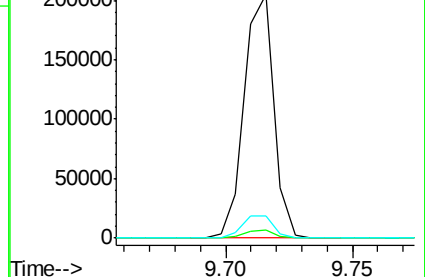
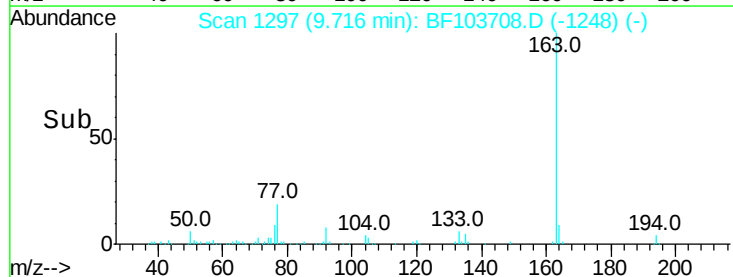
164 9.3 8.2 12.2

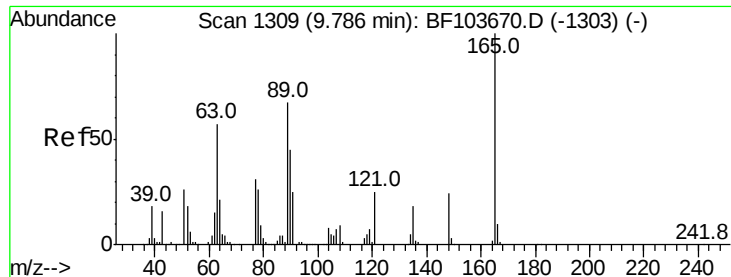


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

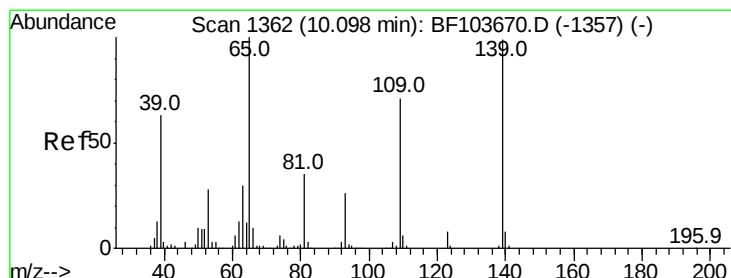
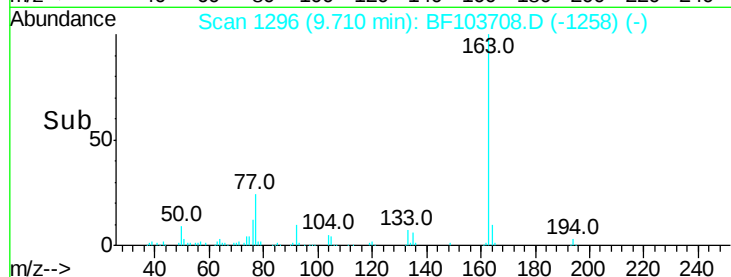
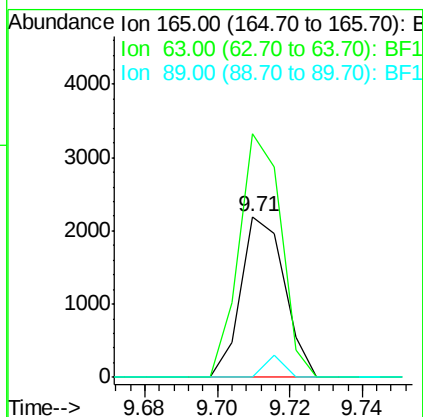
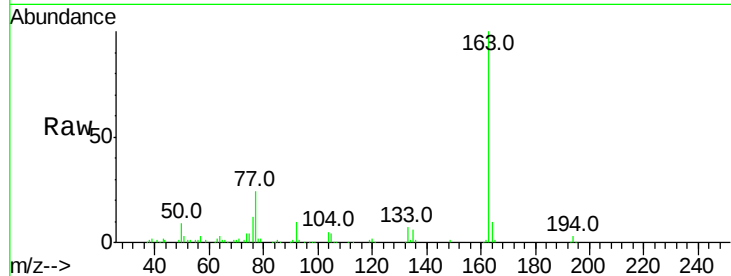




#50
 2,6-Dinitrotoluene
 Concen: 4.354 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.08 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

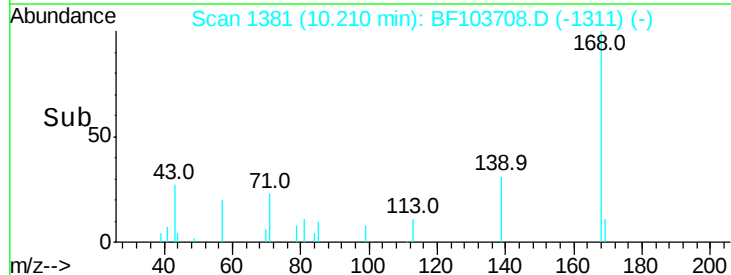
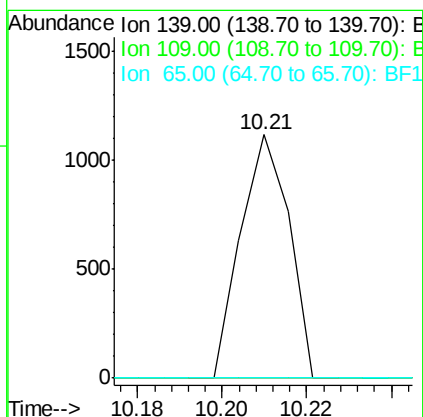
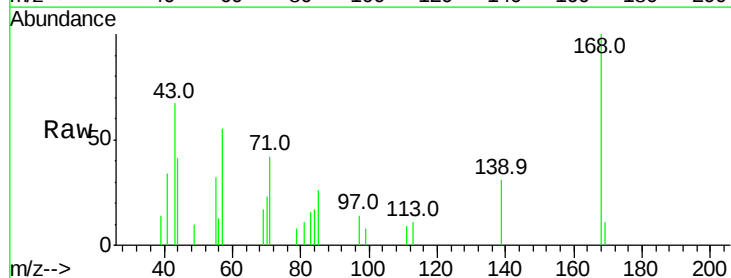
Instrument :
 BNA_F
 ClientSampleId :

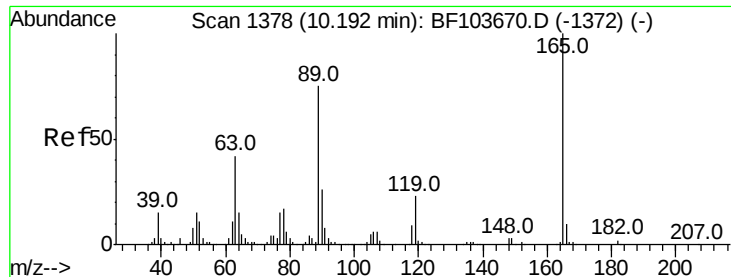
Tot Ion:165 Resp: 1832
 Ion Ratio Lower Upper
 165 100
 63 151.3 44.7 67.1#
 89 0.0 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 5.164 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

Tgt Ion:139 Resp: 888
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 72.6 112.6#

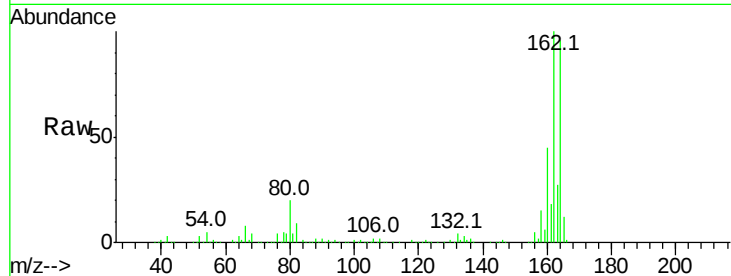




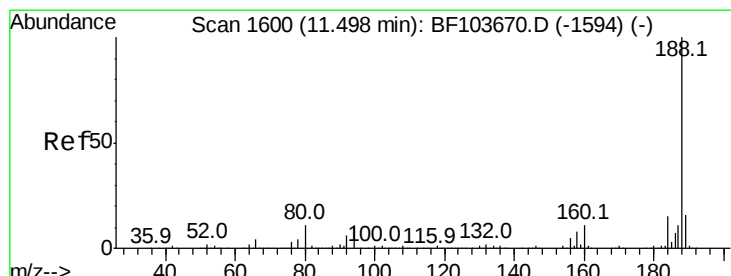
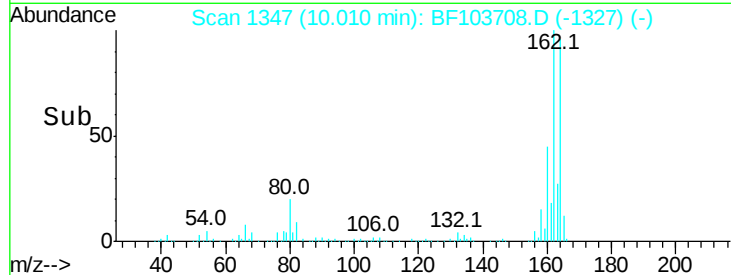
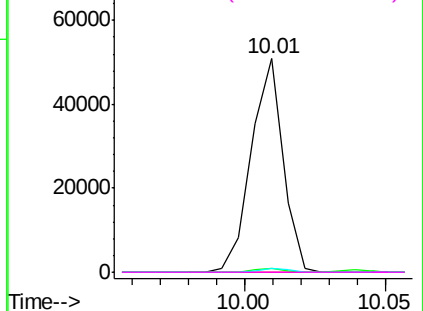
#56
 2,4-Dinitrotoluene
 Concen: 12.261 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.18 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	39885
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

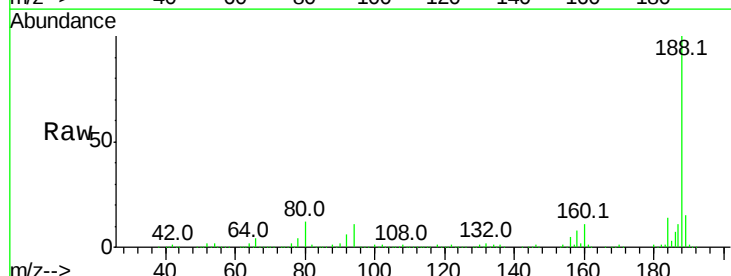


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

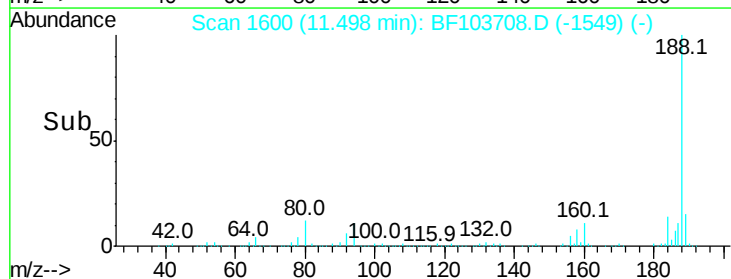
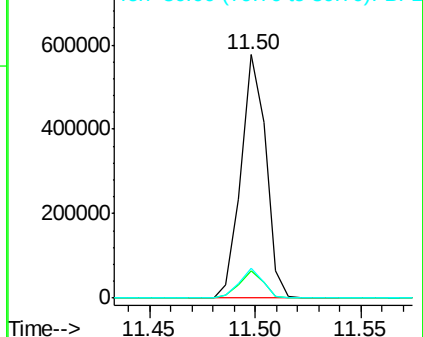


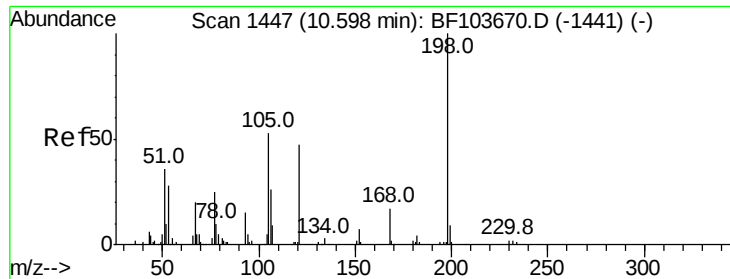
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

Tgt Ion:	188	Resp:	470361
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	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

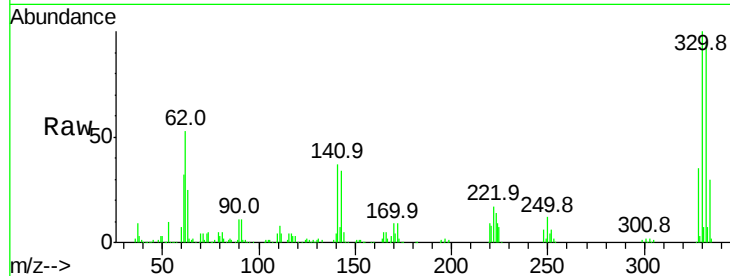




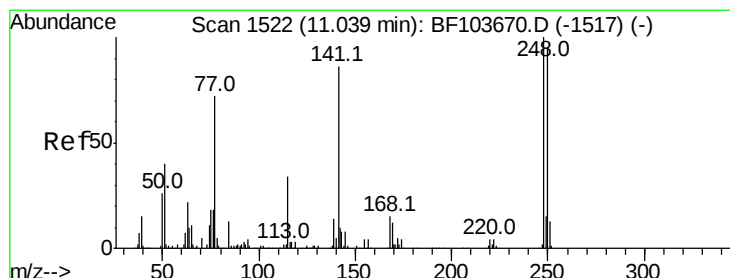
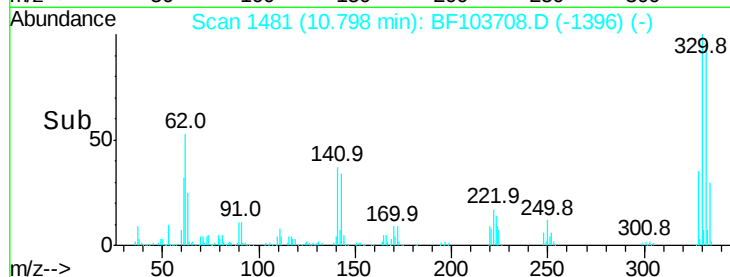
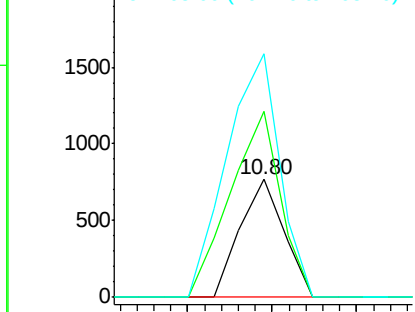
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.467 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.20 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 550
 Ion Ratio Lower Upper
 198 100
 51 157.9 37.7 77.7#
 105 206.9 36.3 76.3#

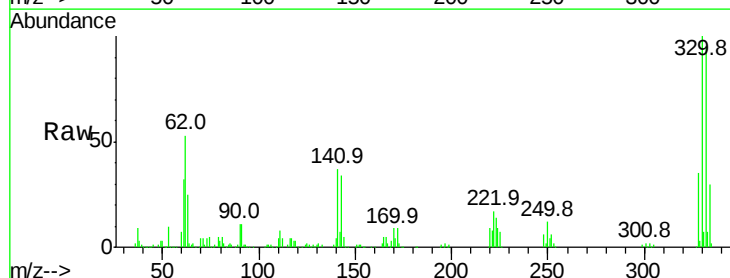


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

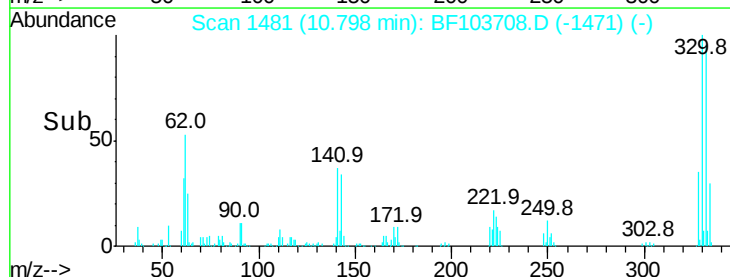
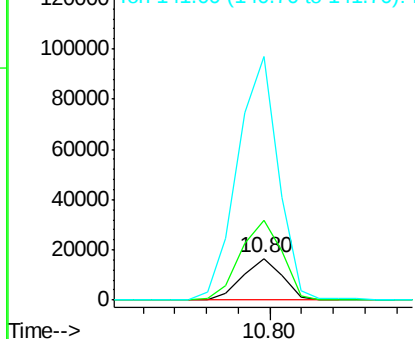


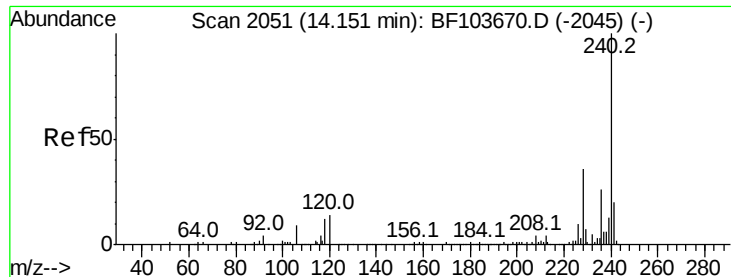
#66
 4-Bromophenyl-phenylether
 Concen: 2.983 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF103708.D
 Acq: 16 Mar 2018 20:40

Tgt Ion:248 Resp: 14406
 Ion Ratio Lower Upper
 248 100
 250 190.4 76.9 115.3#
 141 581.2 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: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

Instrument :

BNA_F

ClientSampleId :

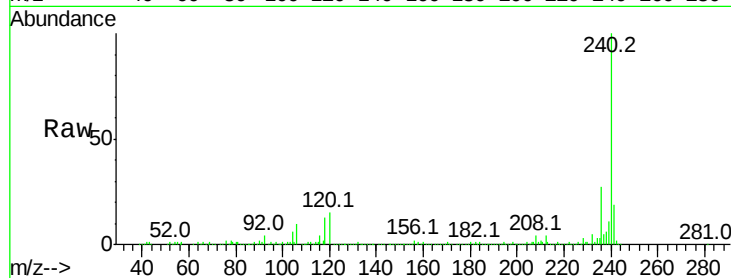
Tot Ion:240 Resp: 315038

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

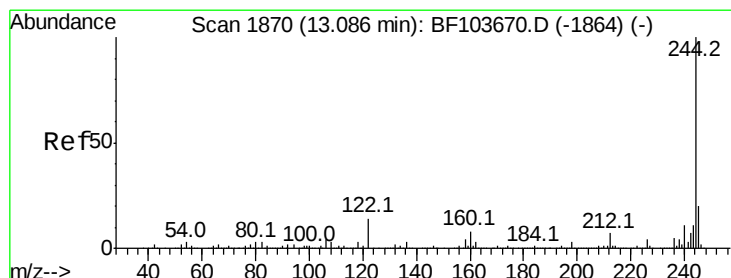
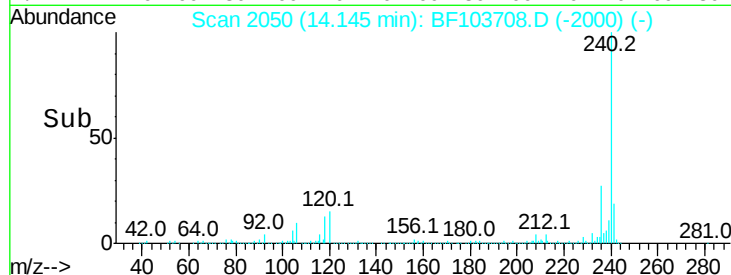
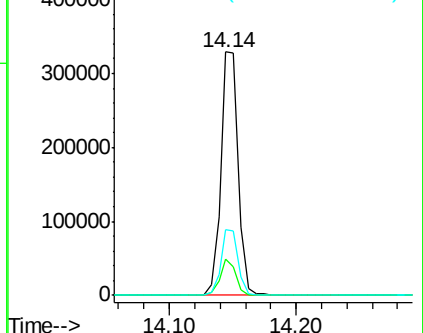
236 27.0 20.7 31.1



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: 63.756 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF103708.D

Acq: 16 Mar 2018 20:40

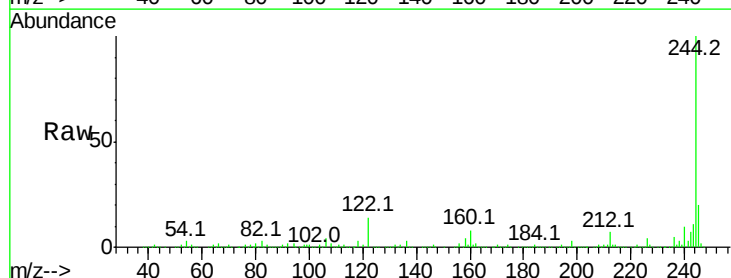
Tgt Ion:244 Resp: 865332

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

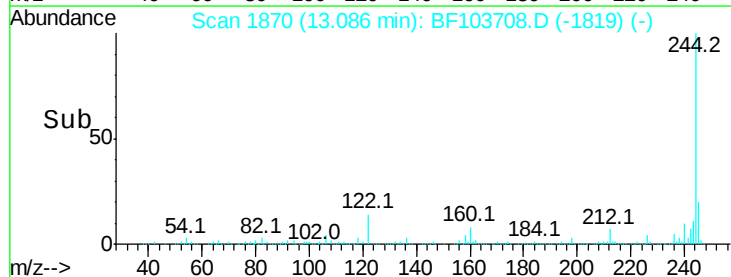
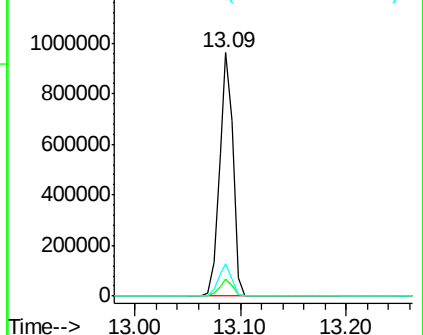
122 13.6 11.0 16.4

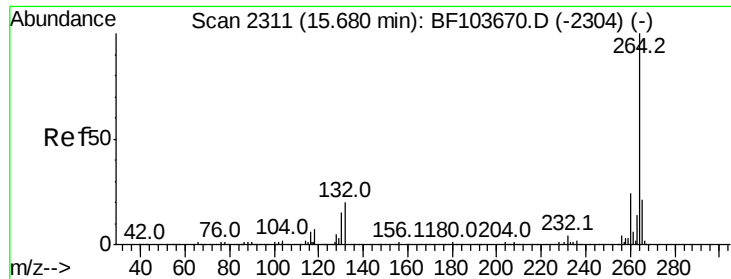


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

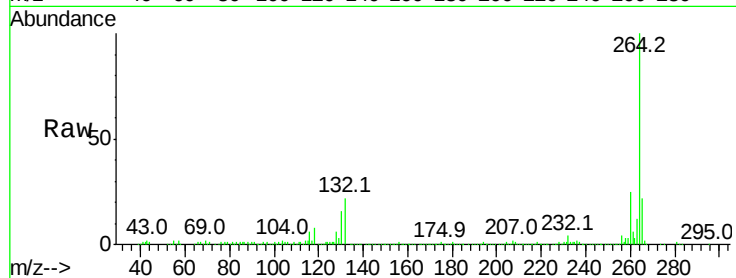




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF103708.D
Acq: 16 Mar 2018 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	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

