

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103453.D
 Acq On : 6 Mar 2018 14:04
 Operator : SJ/JU
 Sample : J1761-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 14:51:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

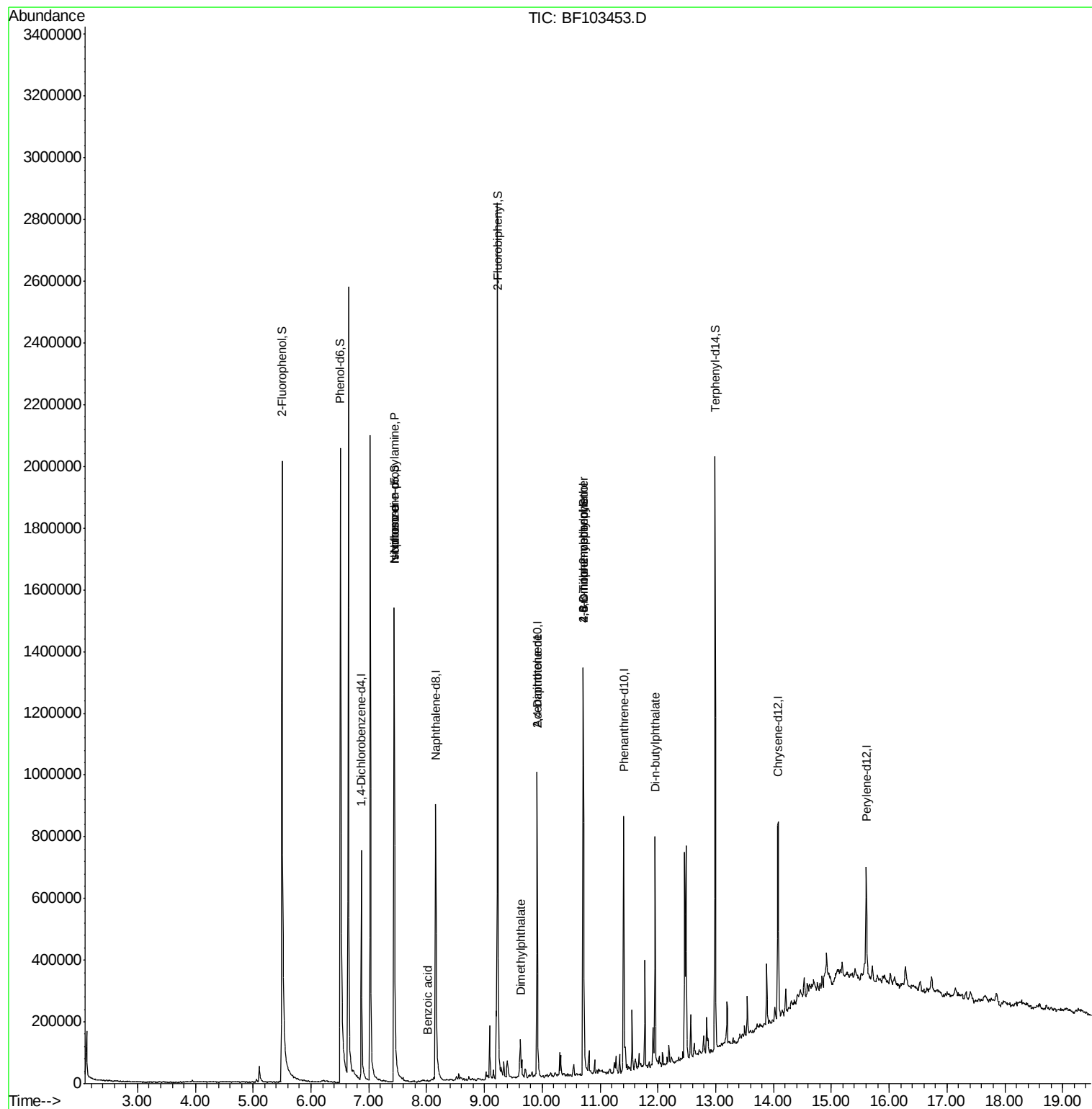
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126303	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	545182	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	214793	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	322506	20.00	ng	0.00
75) Chrysene-d12	14.08	240	234127	20.00	ng	0.01
86) Perylene-d12	15.60	264	189354	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	813943	97.47	ng	0.00
7) Phenol-d6	6.51	99	1014932	99.32	ng	0.00
23) Nitrobenzene-d5	7.44	82	623664	65.33	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	146093	80.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	929250	71.79	ng	0.00
78) Terphenyl-d14	12.99	244	617867	63.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1337	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	82277	12.937 ng	#	1
25) Isophorone	7.44	82	623664	33.170 ng	#	84
32) Benzoic acid	8.02	122	248	6.952 ng	#	64
49) Dimethylphthalate	9.62	163	49332	2.863 ng		88
56) 2,4-Dinitrotoluene	9.91	165	27821	6.083 ng	#	99
64) 4,6-Dinitro-2-methylphenol	10.71	198	283	5.075 ng	#	23
66) 4-Bromophenyl-phenylether	10.71	248	10966	3.264 ng	#	1
73) Di-n-butylphthalate	11.95	149	353593	15.591 ng		1
						100

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

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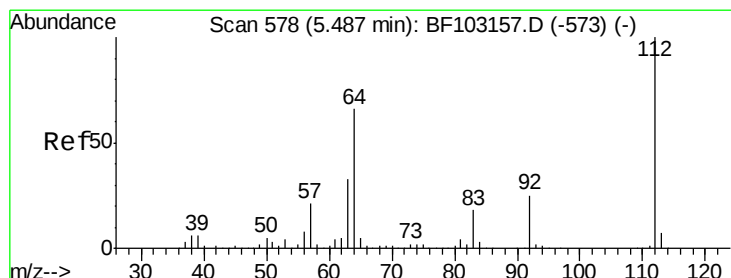
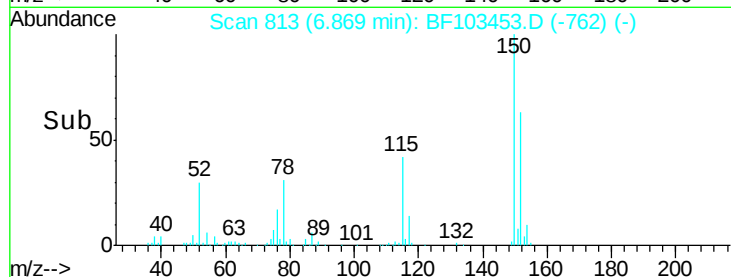
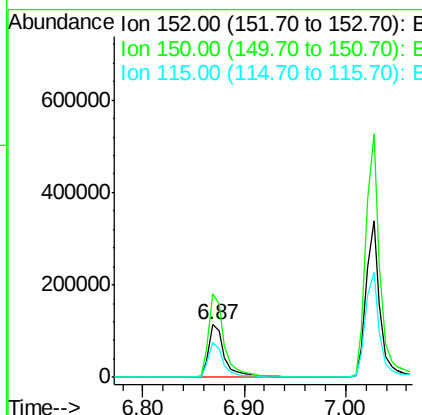
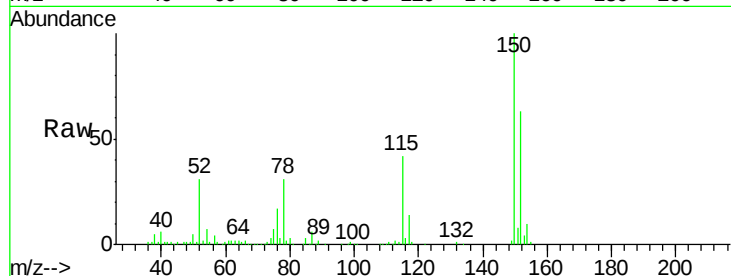


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Instrument :
BNA_F
ClientSampleId :

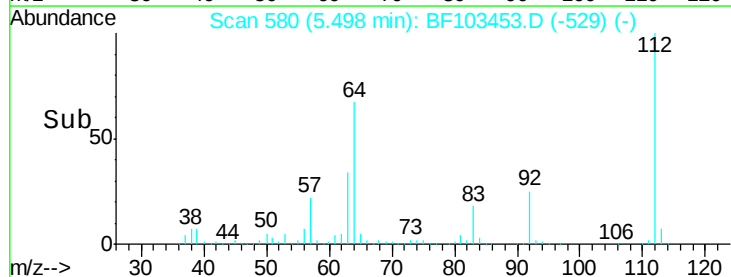
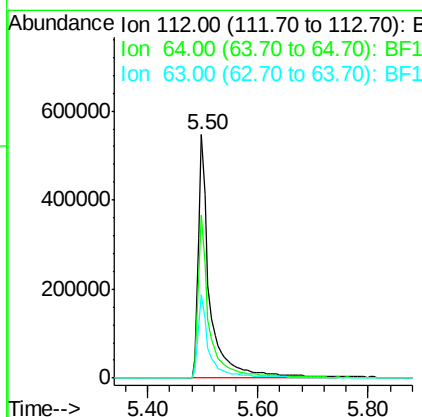
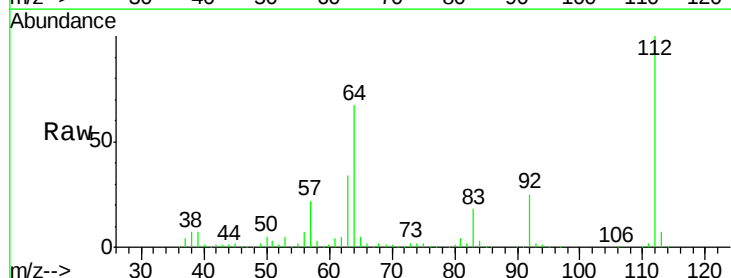
Tot Ion:152 Resp: 126303
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 66.2 50.1 75.1

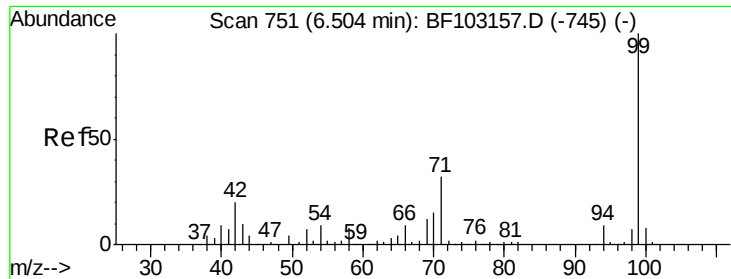


#5

2-Fluorophenol
Concen: 97.466 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Tgt Ion:112 Resp: 813943
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 34.1 23.7 35.5





#7

Phenol-d6

Concen: 99.321 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103453.D

Acq: 6 Mar 2018 14:04

Instrument :

BNA_F

ClientSampled :

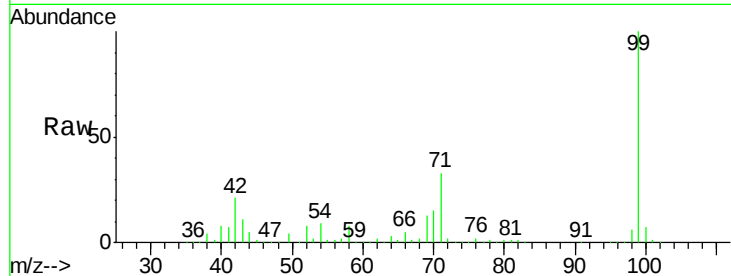
Tot Ion: 99 Resp: 1014932

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

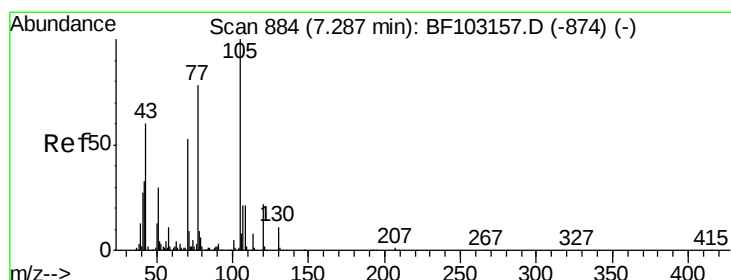
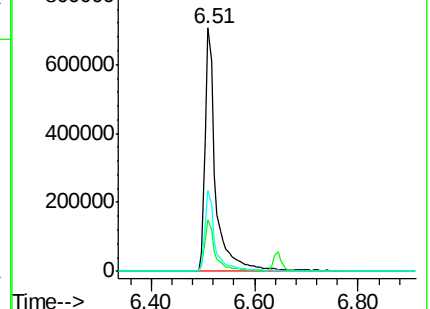
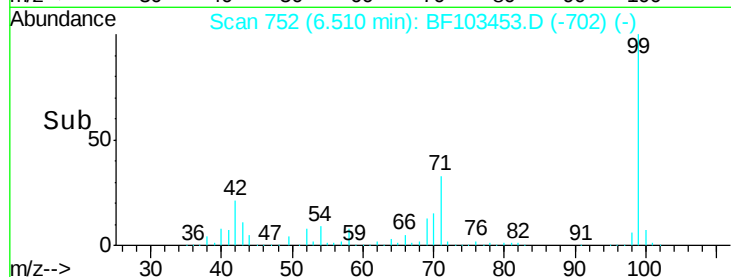
71 33.2 25.4 38.0



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: 12.937 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103453.D

Acq: 6 Mar 2018 14:04

Tgt Ion: 70 Resp: 82277

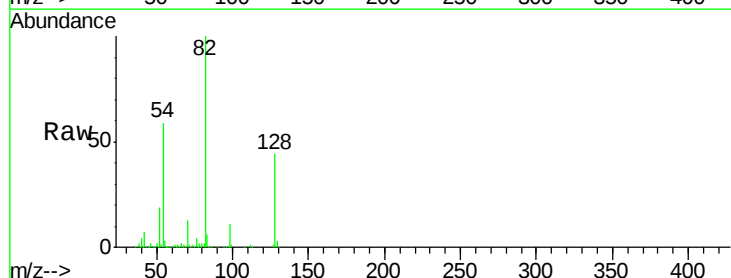
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

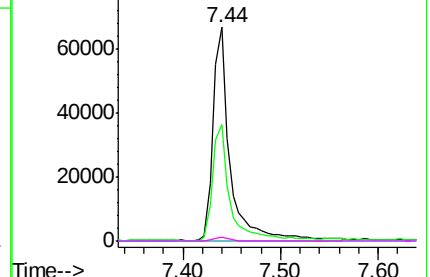
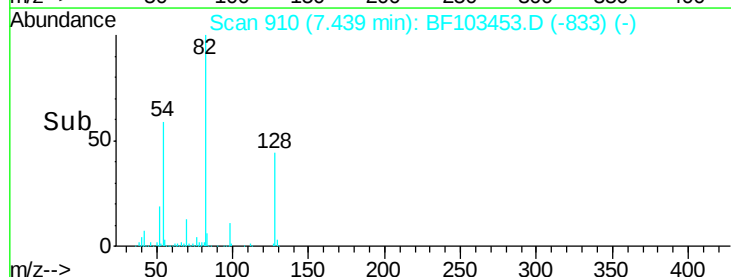


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

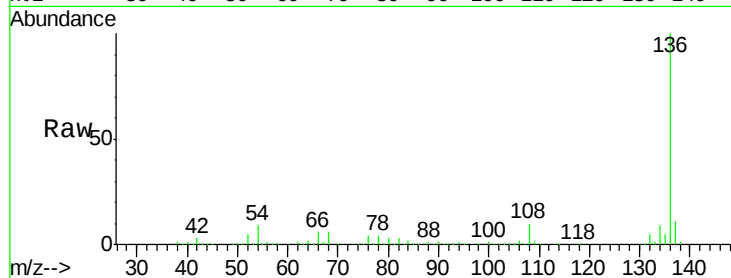




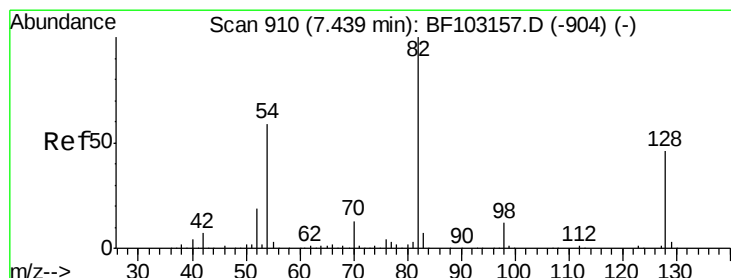
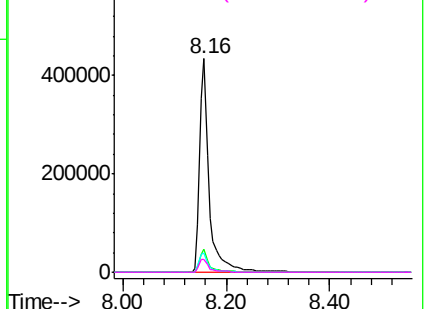
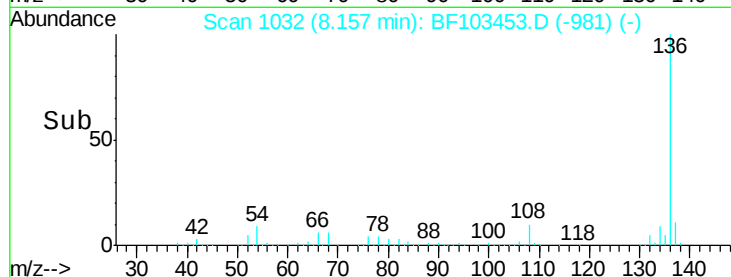
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 545182
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.8 6.6 9.8
68 6.3 5.0 7.4

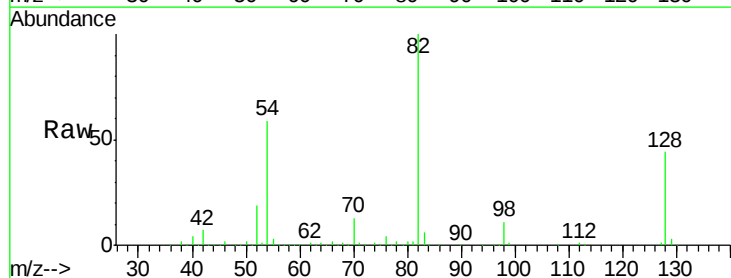


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

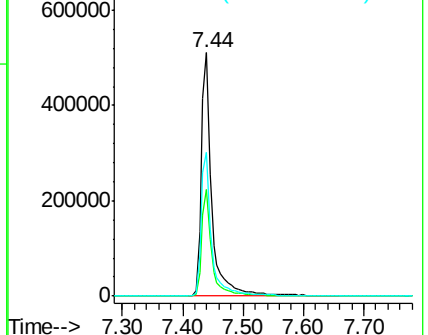
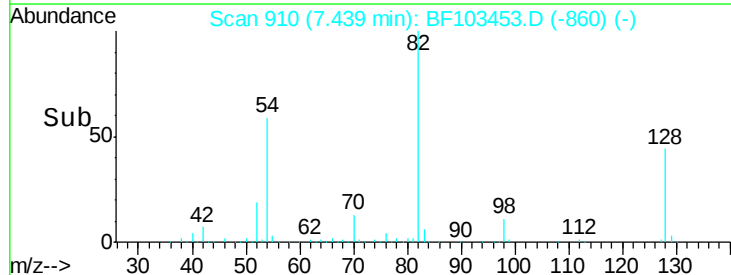


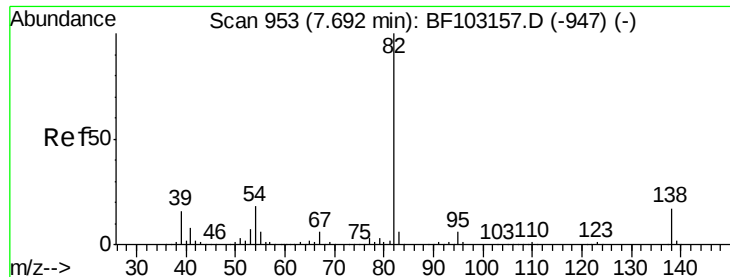
#23
Nitrobenzene-d5
Concen: 65.330 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Tgt Ion: 82 Resp: 623664
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 59.3 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

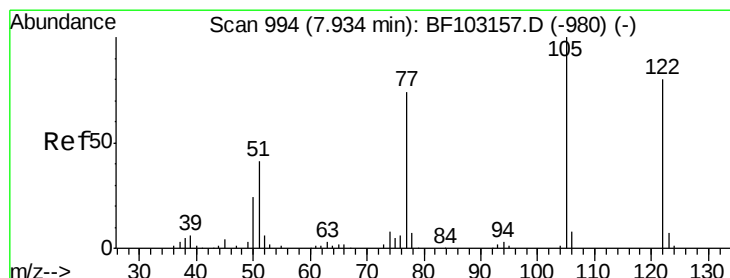
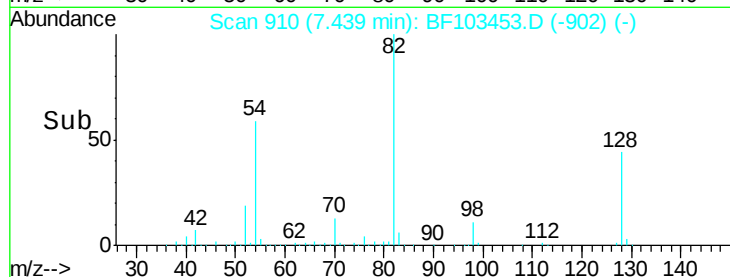
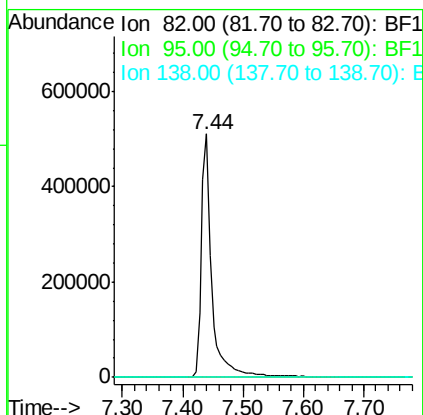
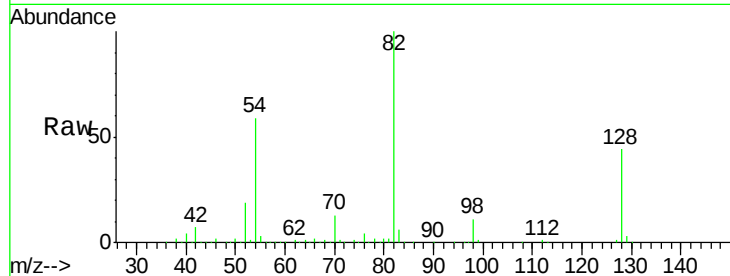




#25
Isophorone
Concen: 33.170 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

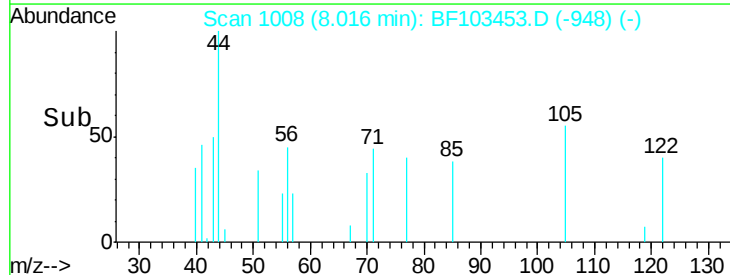
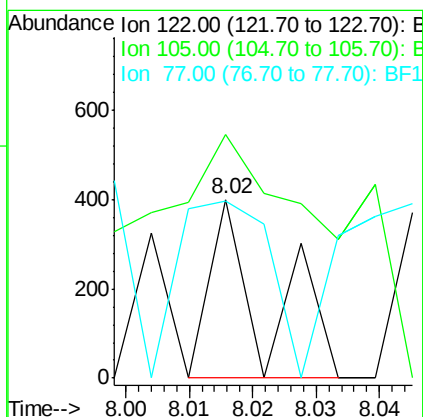
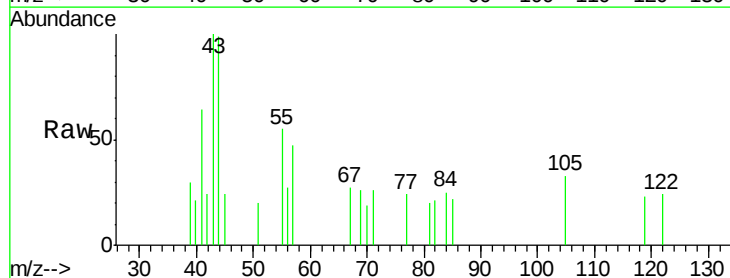
Instrument :
BNA_F
ClientSampleId :

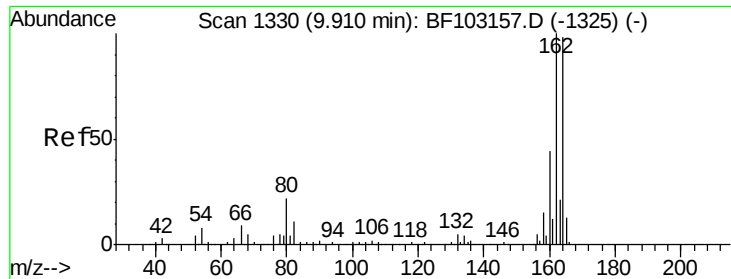
Tot Ion: 82 Resp: 623664
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 6.952 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.05 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Tgt Ion: 122 Resp: 248
Ion Ratio Lower Upper
122 100
105 136.2 101.1 141.1
77 99.0 70.7 110.7

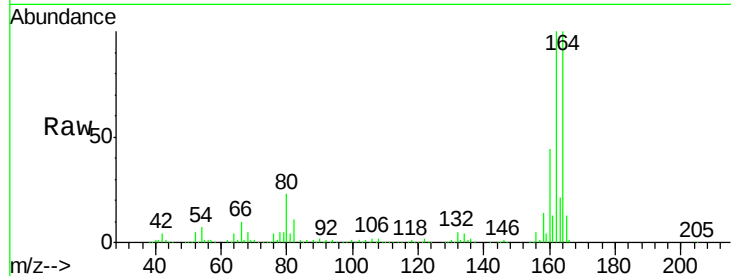




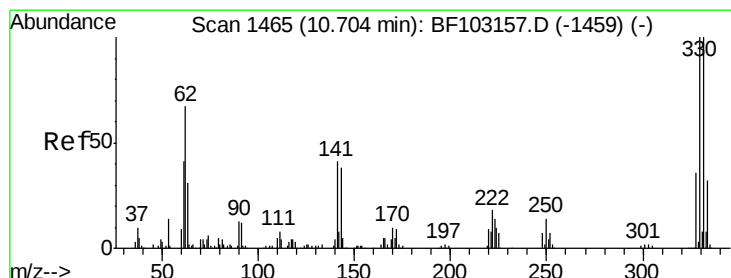
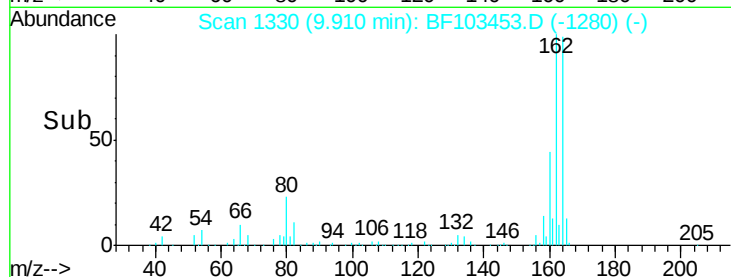
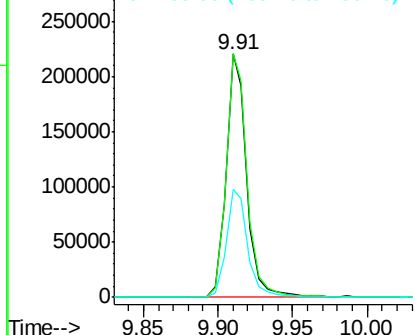
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103453.D
 Acq: 6 Mar 2018 14:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 214793
 Ion Ratio Lower Upper
 164 100
 162 99.9 86.1 129.1
 160 44.1 38.3 57.5

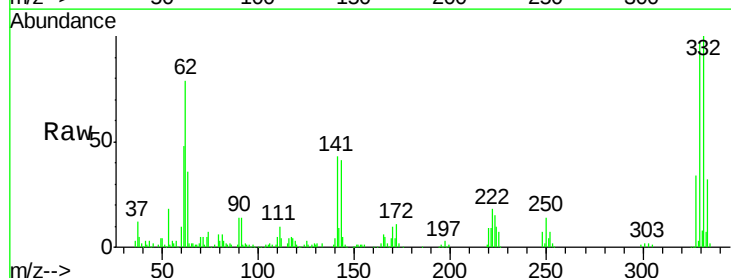


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

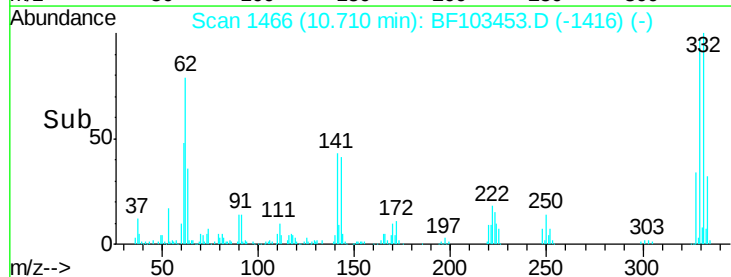
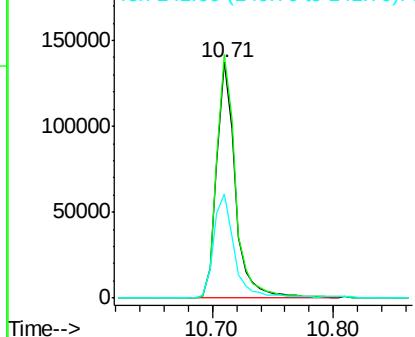


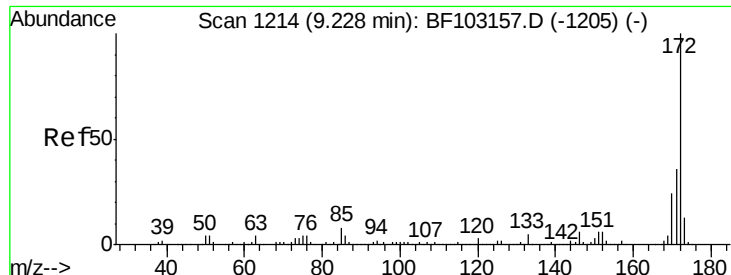
#41
 2,4,6-Tribromophenol
 Concen: 80.355 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103453.D
 Acq: 6 Mar 2018 14:04

Tgt Ion:330 Resp: 146093
 Ion Ratio Lower Upper
 330 100
 332 104.8 77.0 115.6
 141 48.6 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

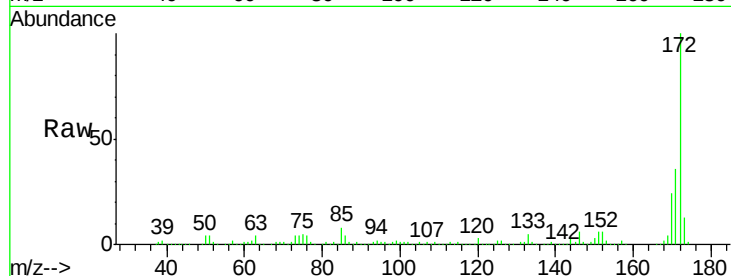




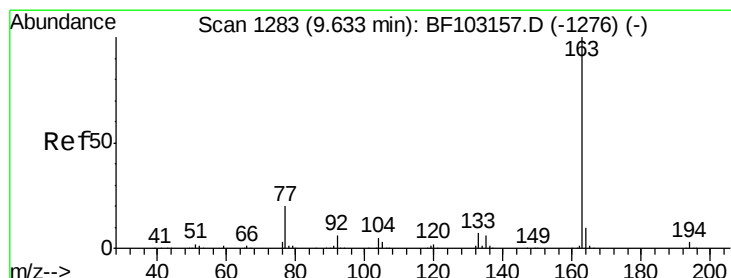
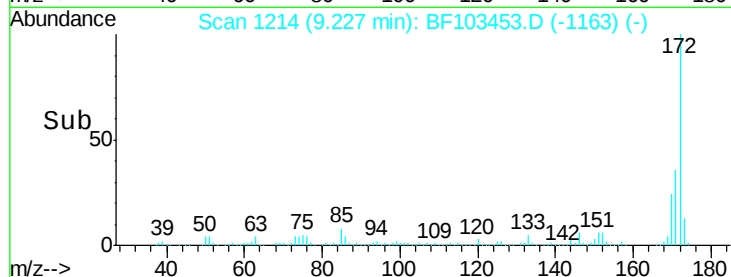
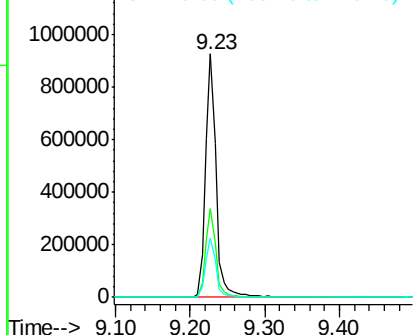
#44
2-Fluorobiphenyl
Concen: 71.794 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 929250
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.6 29.4

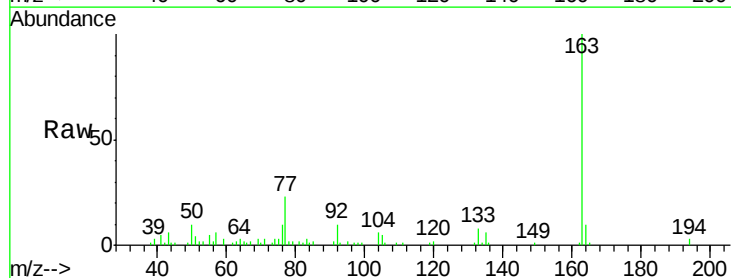


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

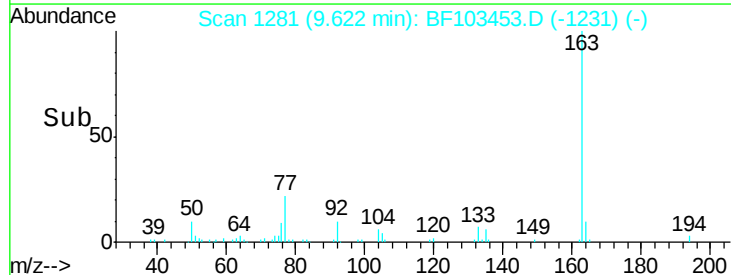
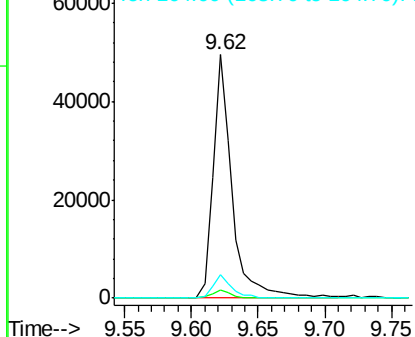


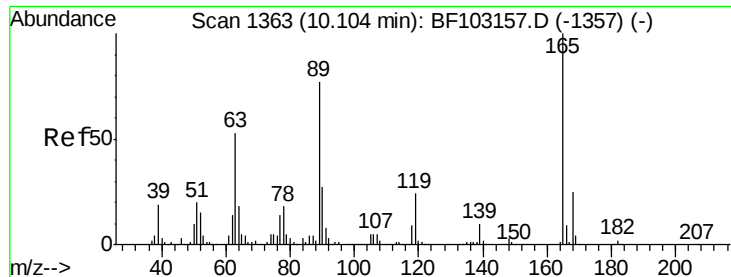
#49
Dimethylphthalate
Concen: 2.863 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Tgt Ion:163 Resp: 49332
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.8 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

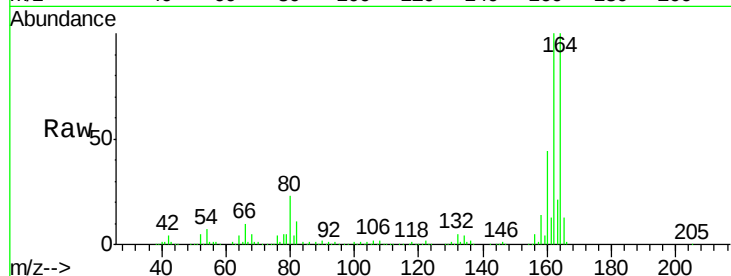




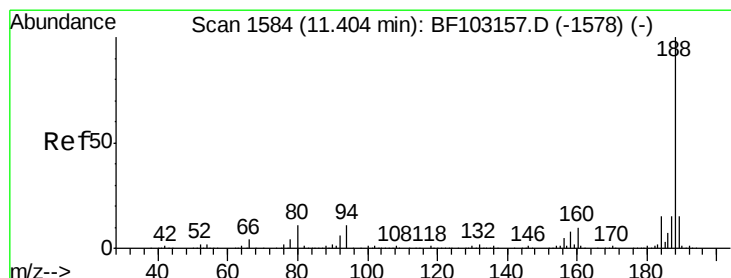
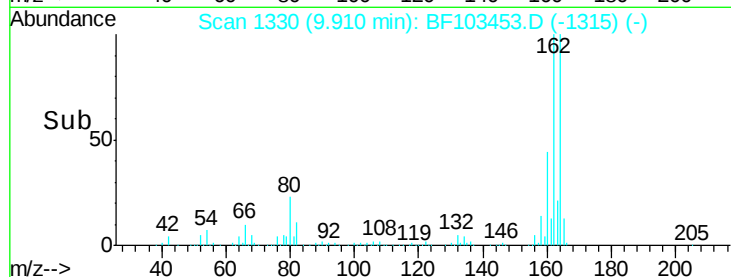
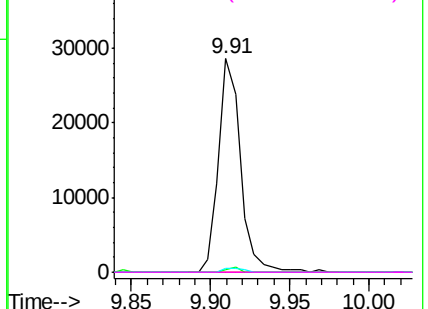
#56
 2,4-Dinitrotoluene
 Concen: 6.083 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103453.D
 Acq: 6 Mar 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27821
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

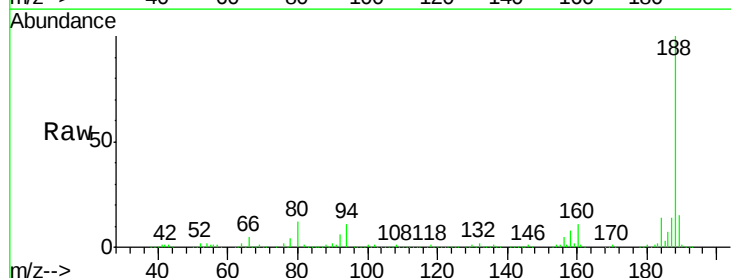


Abundance Ion 165.00 (164.70 to 165.70): E

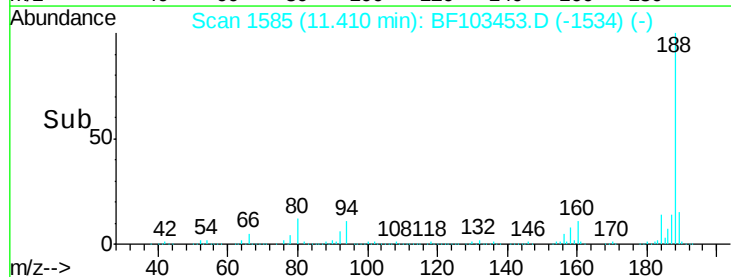
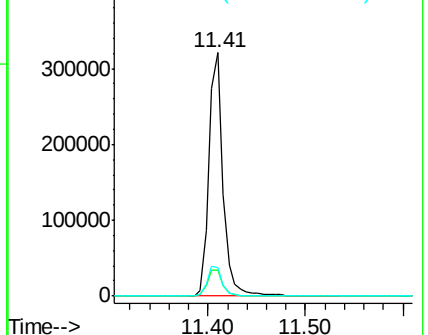


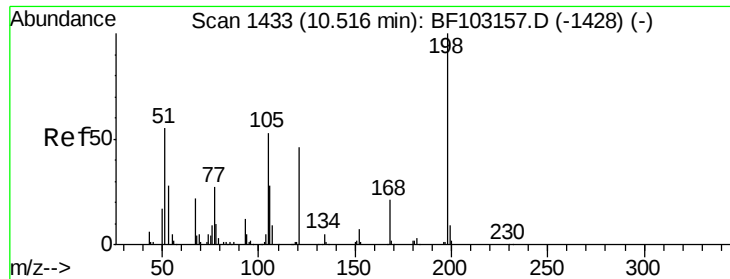
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF103453.D
 Acq: 6 Mar 2018 14:04

Tgt Ion:188 Resp: 322506
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

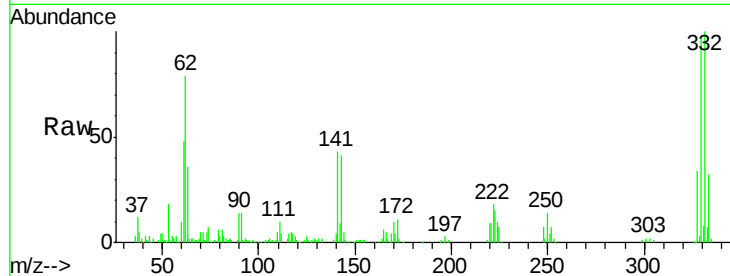




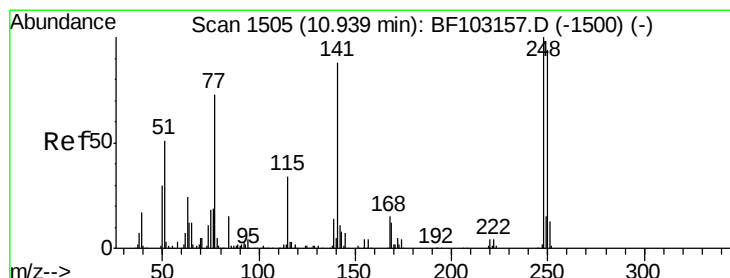
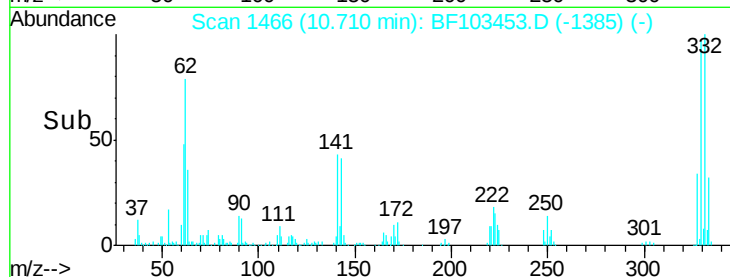
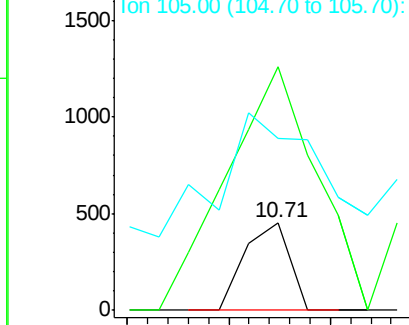
#64
4,6-Dinitro-2-methylphenol
Concen: 5.075 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 283
Ion Ratio Lower Upper
198 100
51 276.7 37.7 77.7#
105 195.4 36.3 76.3#

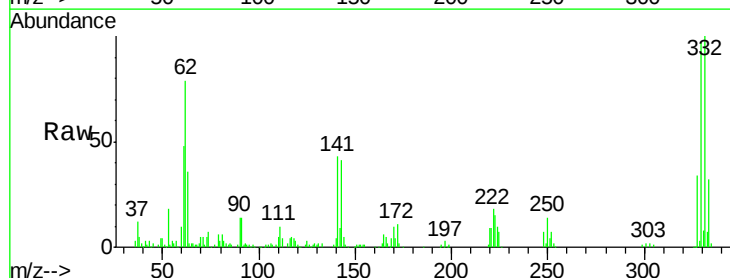


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

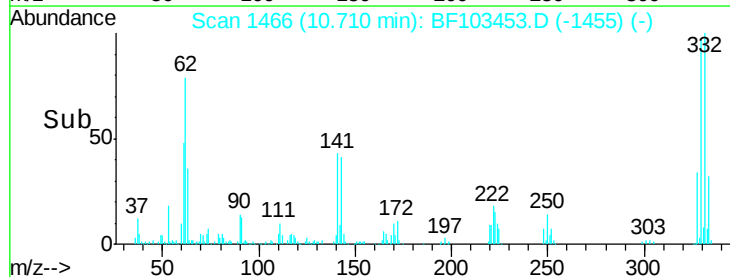
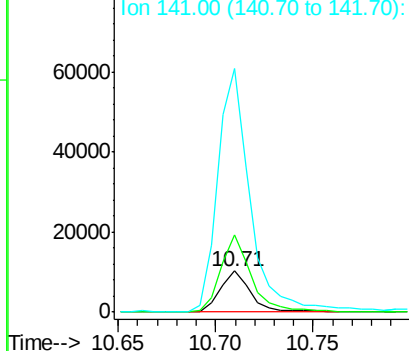


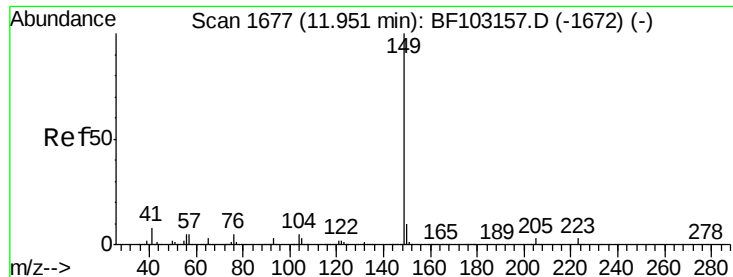
#66
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103453.D
Acq: 6 Mar 2018 14:04

Tgt Ion:248 Resp: 10966
Ion Ratio Lower Upper
248 100
250 189.5 76.9 115.3#
141 595.1 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





#73

Di-n-butylphthalate

Concen: 15.591 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF103453.D

Acq: 6 Mar 2018 14:04

Instrument :

BNA_F

ClientSampled :

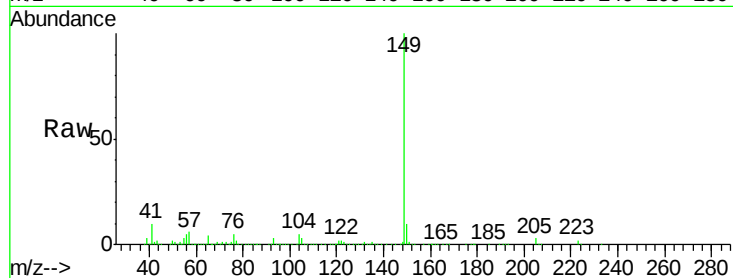
Tot Ion:149 Resp: 353593

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

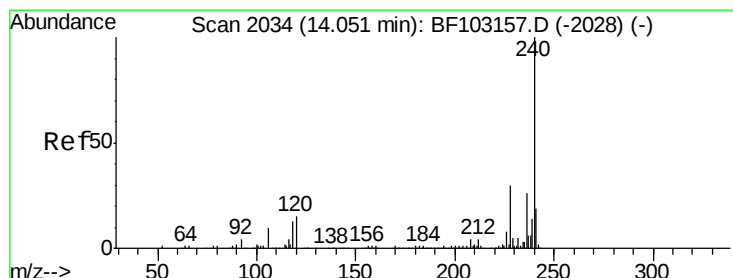
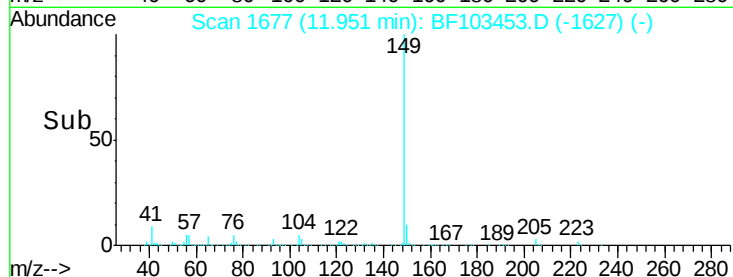
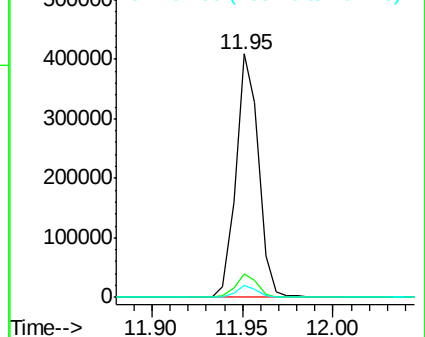
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF103453.D

Acq: 6 Mar 2018 14:04

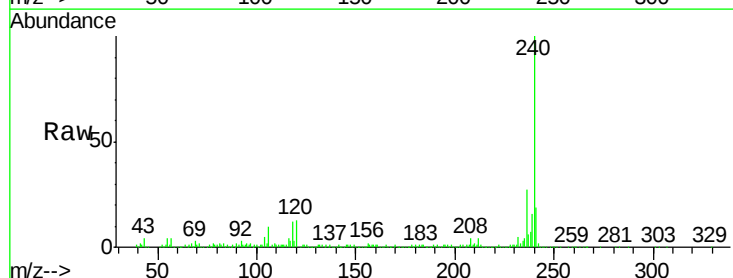
Tgt Ion:240 Resp: 234127

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

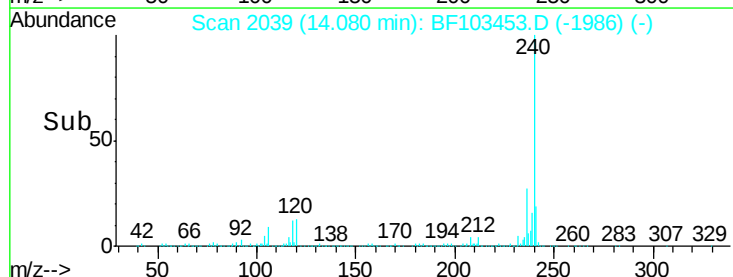
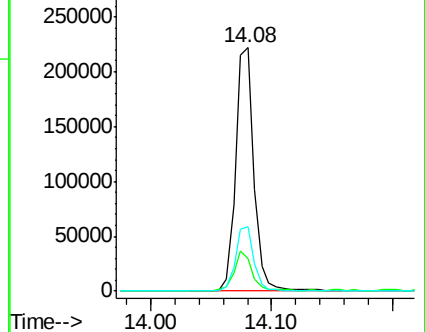
236 26.7 20.7 31.1

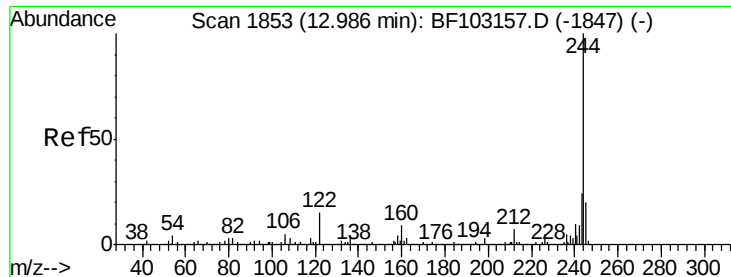


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.439 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103453.D

Acq: 6 Mar 2018 14:04

Instrument :

BNA_F

ClientSampleId :

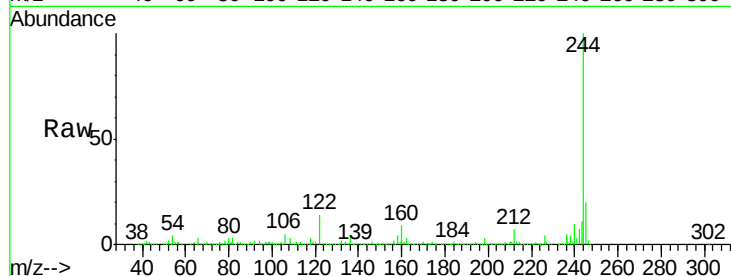
Tot Ion:244 Resp: 617867

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

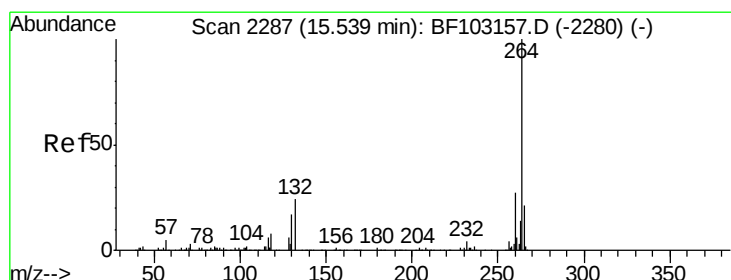
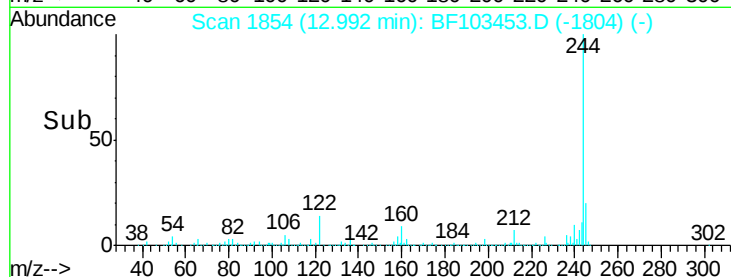
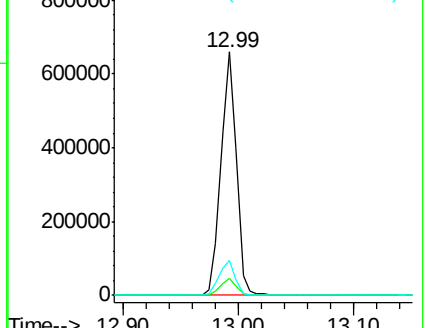
122 14.5 11.0 16.4



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: 15.60 min Scan# 2298

Delta R.T. 0.03 min

Lab File: BF103453.D

Acq: 6 Mar 2018 14:04

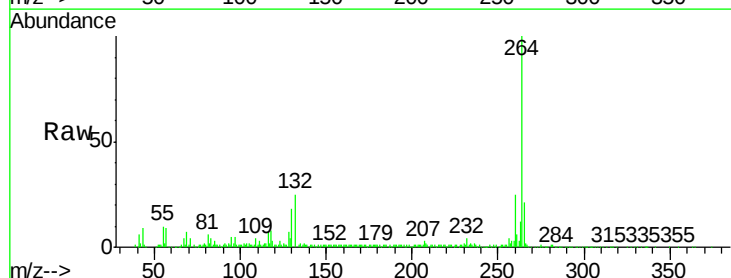
Tgt Ion:264 Resp: 189354

Ion Ratio Lower Upper

264 100

260 24.5 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

