

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103653.D
 Acq On : 14 Mar 2018 20:53
 Operator : SJ/JU
 Sample : J1911-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:01:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

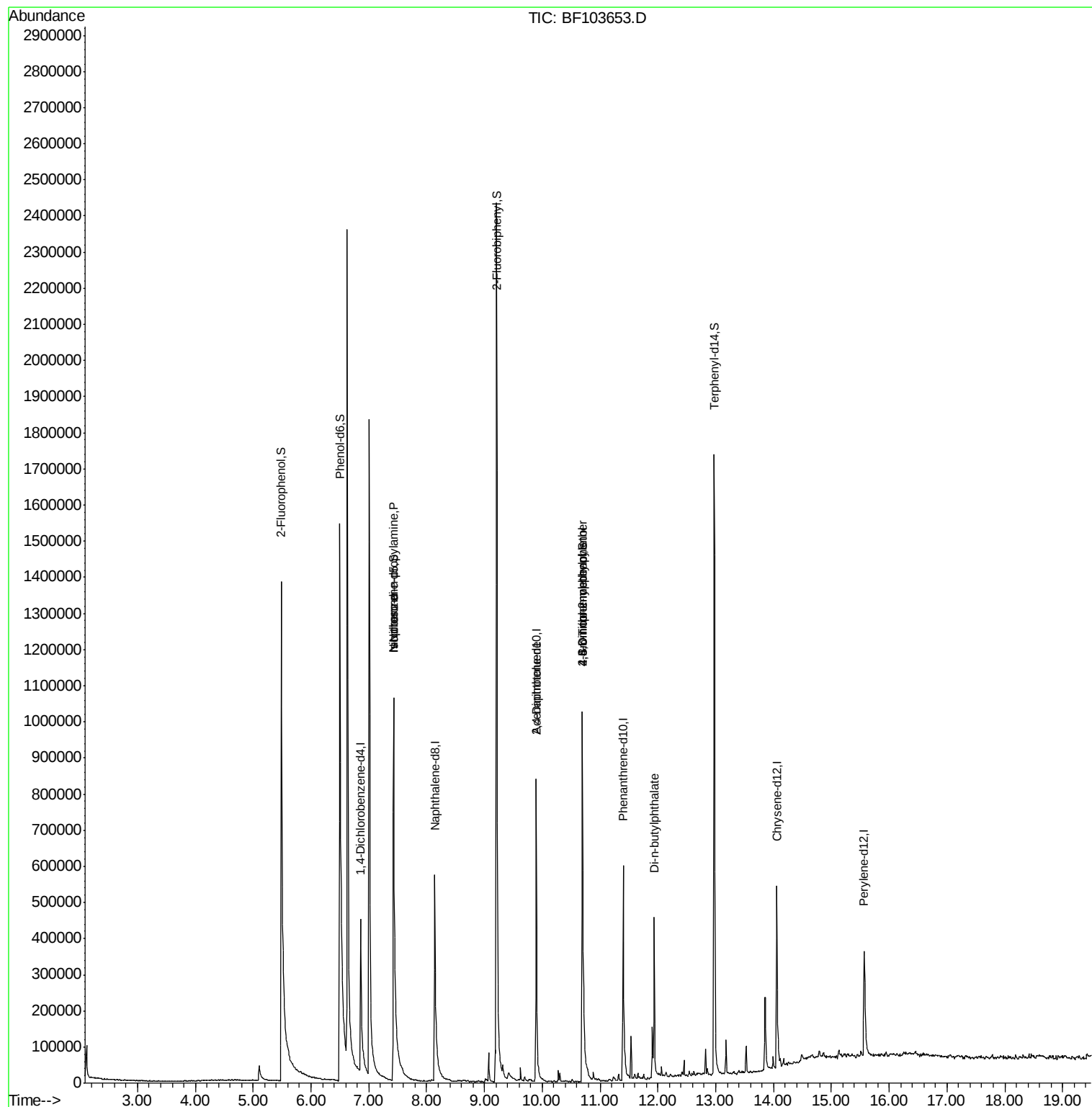
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120267	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	514954	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	216599	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	343641	20.00	ng	0.00
75) Chrysene-d12	14.06	240	219993	20.00	ng	0.00
86) Perylene-d12	15.57	264	189059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	858531	107.97	ng	0.00
7) Phenol-d6	6.50	99	1156751	118.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	734459	81.45	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	162157	88.45	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	979850	75.97	ng	0.00
78) Terphenyl-d14	12.97	244	636921	69.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1520	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.43	70	88981	14.693	ng	# 81
25) Isophorone	7.43	82	737480	41.526	ng	# 64
56) 2,4-Dinitrotoluene	9.89	165	26486	5.743	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	128	5.000	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	11384	3.180	ng	# 1
73) Di-n-butylphthalate	11.93	149	233097	9.646	ng	99

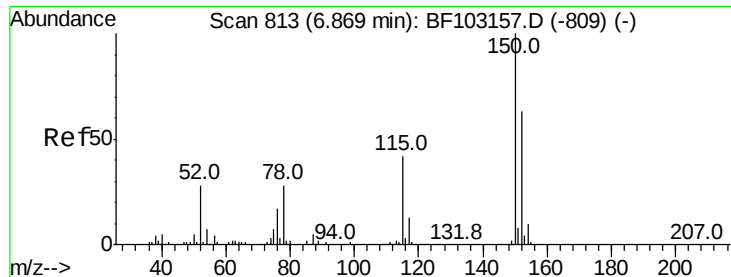
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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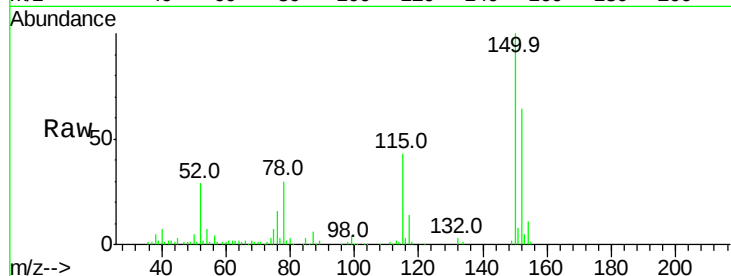


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	68.0	50.1	75.1

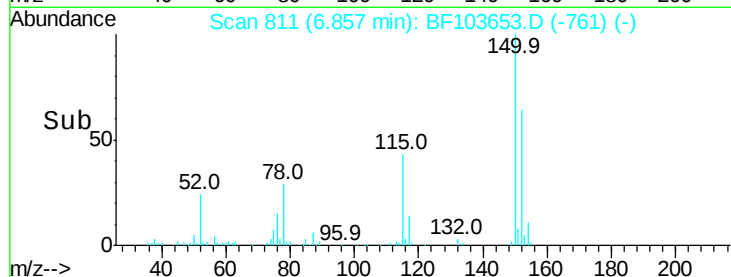
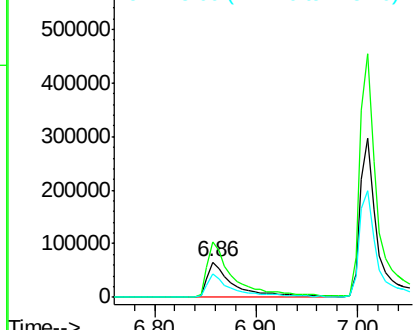


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

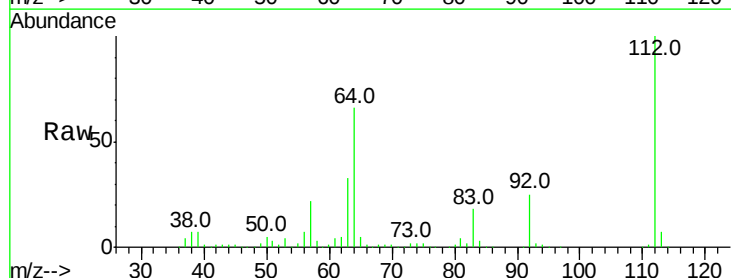
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.965 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	47.9	71.9
63	33.4	23.7	35.5

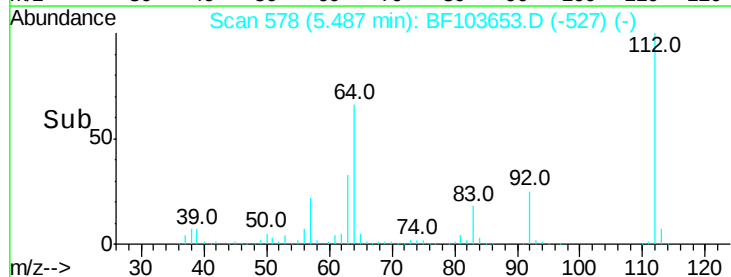
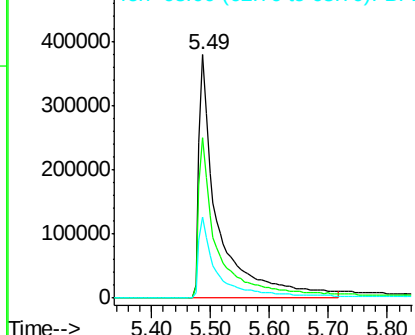


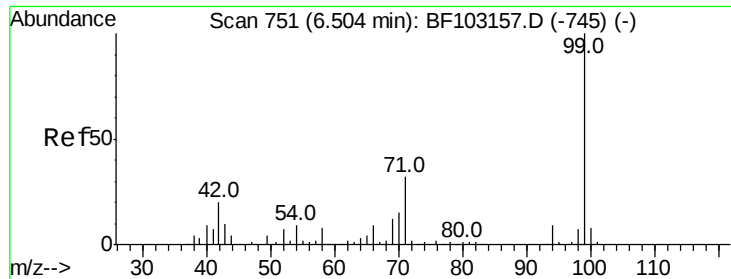
Abundance

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: 118.881 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Instrument :

BNA_F

ClientSampleId :

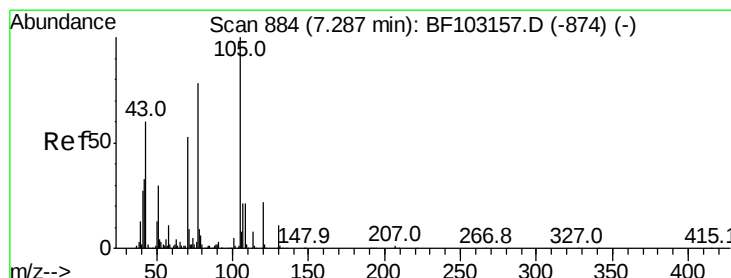
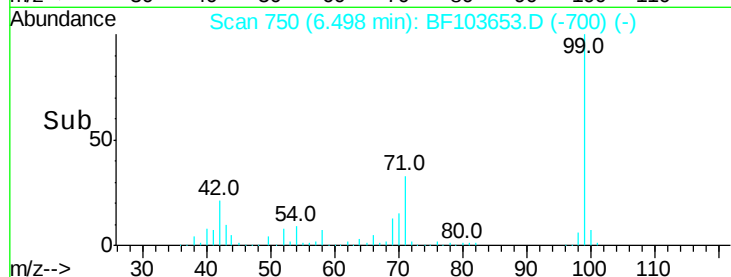
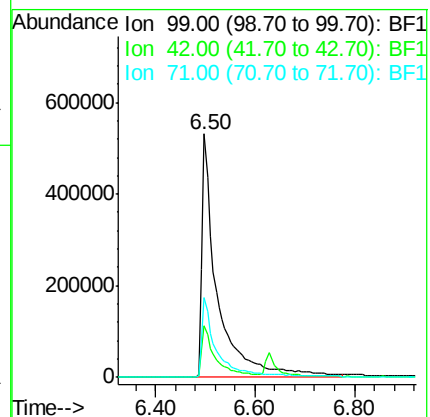
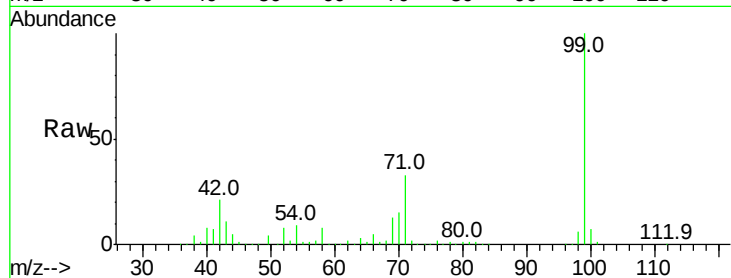
Tot Ion: 99 Resp: 1156751

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.693 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Tgt Ion: 70 Resp: 88981

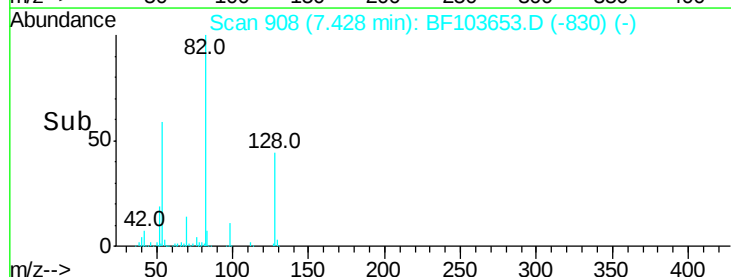
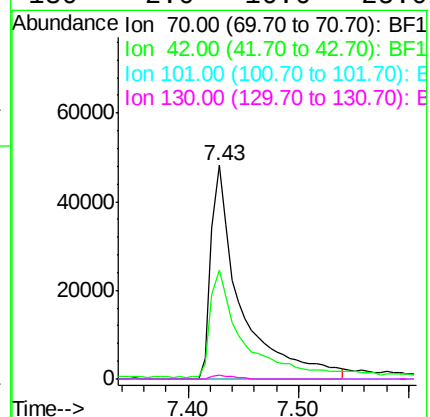
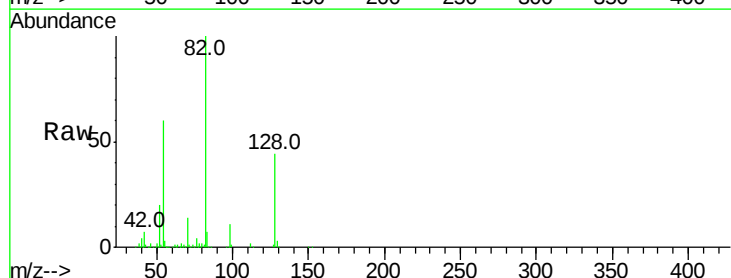
Ion Ratio Lower Upper

70 100

42 51.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

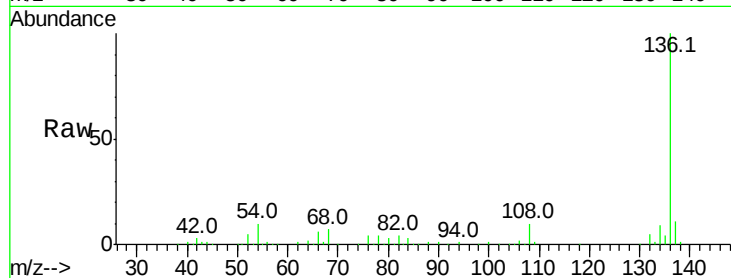




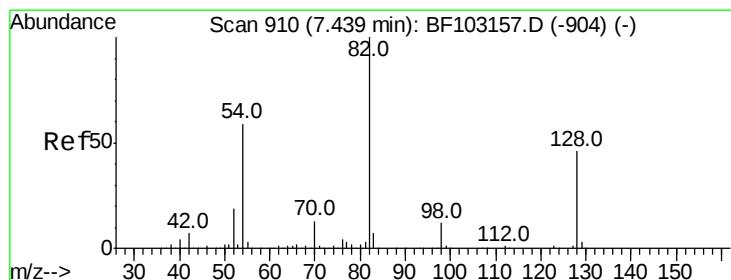
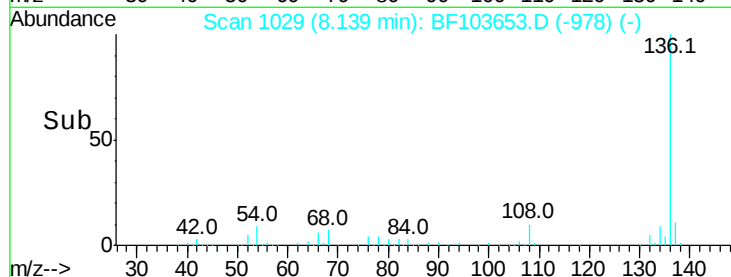
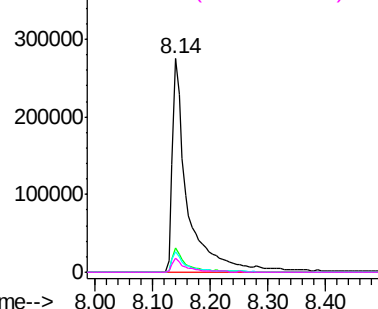
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 514954
Ion Ratio	Lower Upper
136 100	
137 11.4	8.9 13.3
54 9.5	6.6 9.8
68 6.9	5.0 7.4

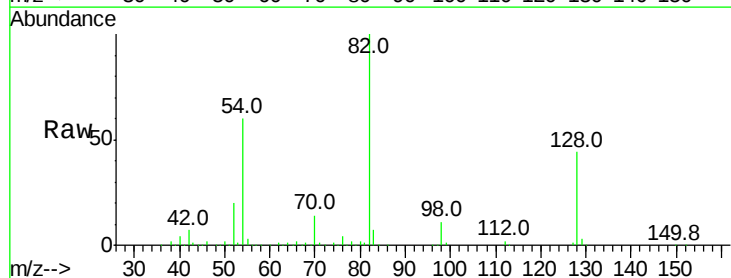


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

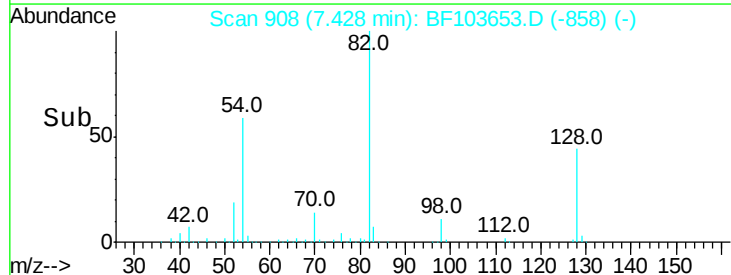
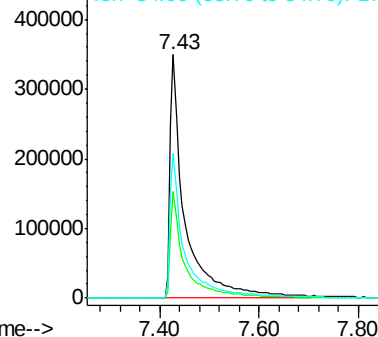


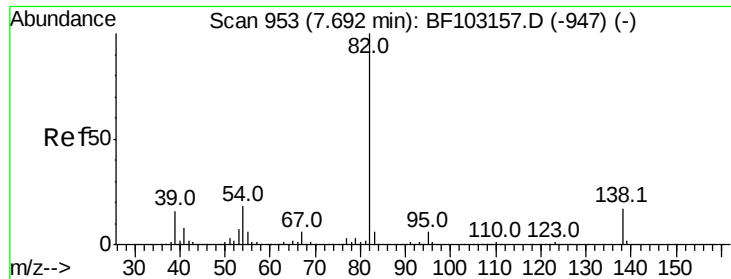
#23
Nitrobenzene-d5
Concen: 81.452 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Tgt Ion: 82	Resp: 734459
Ion Ratio	Lower Upper
82 100	
128 43.6	36.1 54.1
54 59.6	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

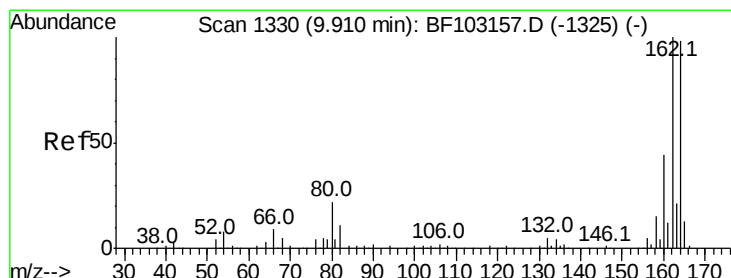
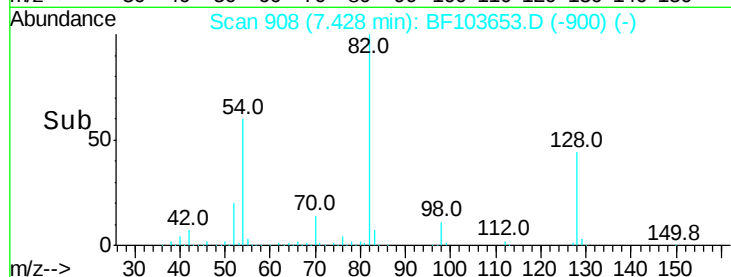
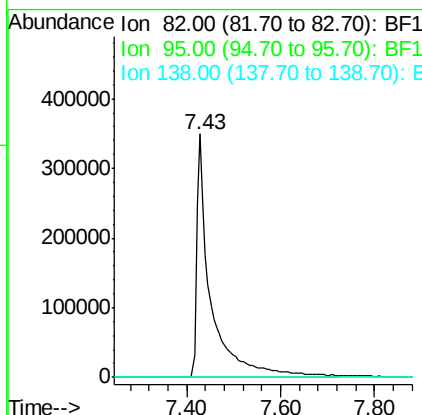
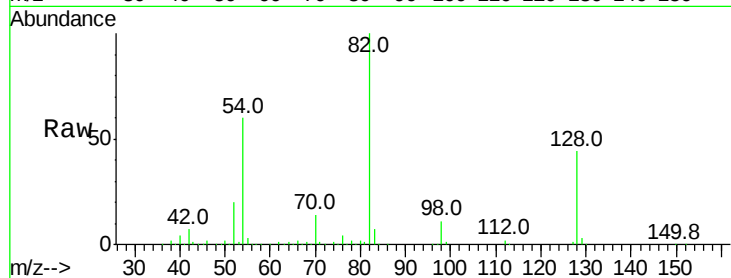




#25
Isophorone
Concen: 41.526 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

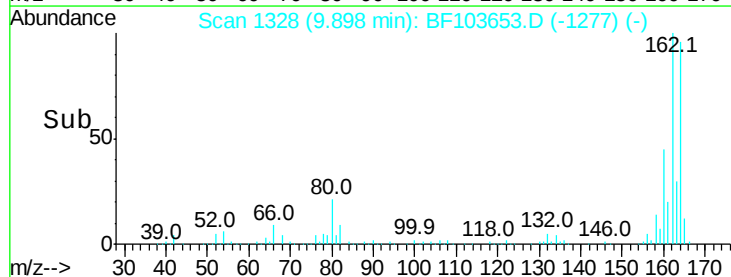
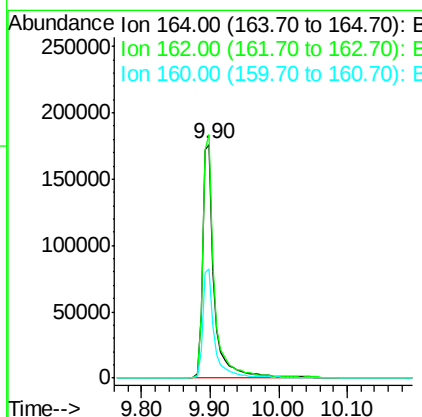
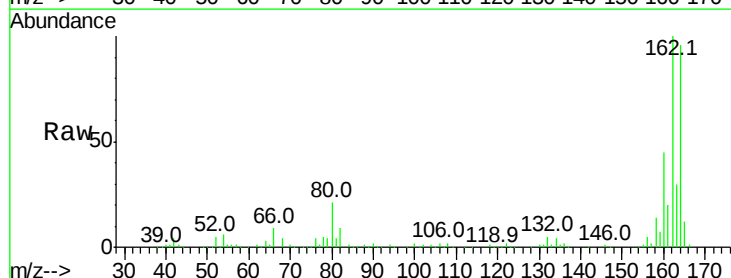
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 737480
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Tgt Ion: 164 Resp: 216599
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 47.0 38.3 57.5

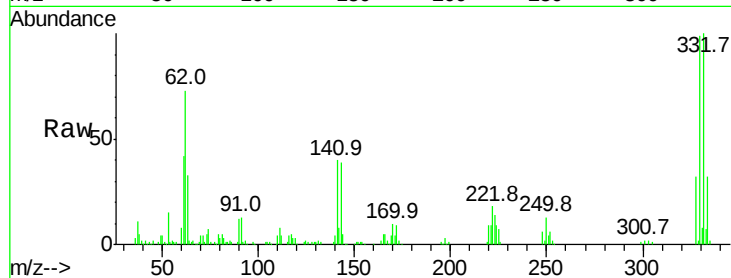




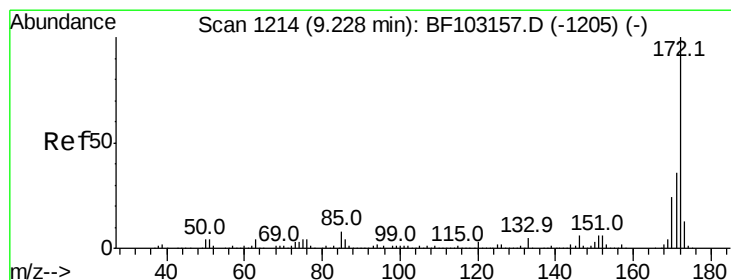
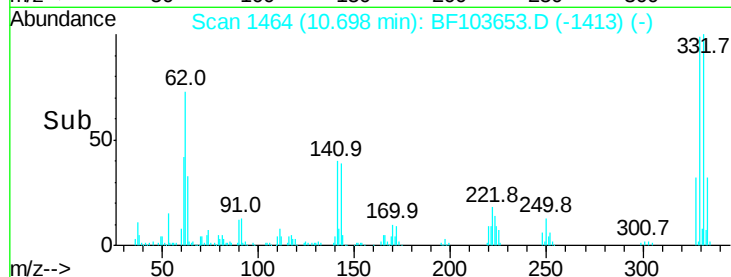
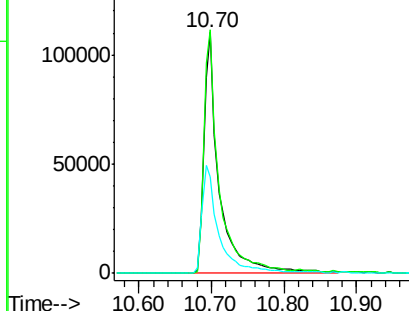
#41
 2,4,6-Tribromophenol
 Concen: 88.446 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 162157
 Ion Ratio Lower Upper
 330 100
 332 99.9 77.0 115.6
 141 49.0 29.9 44.9#

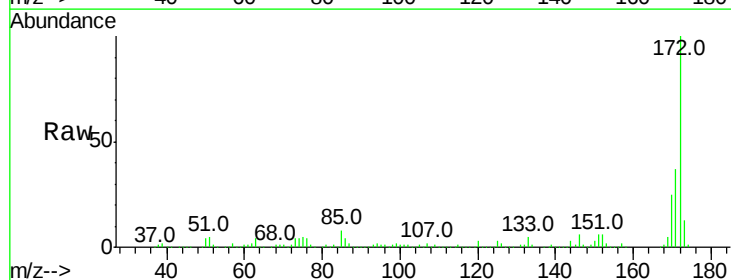


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

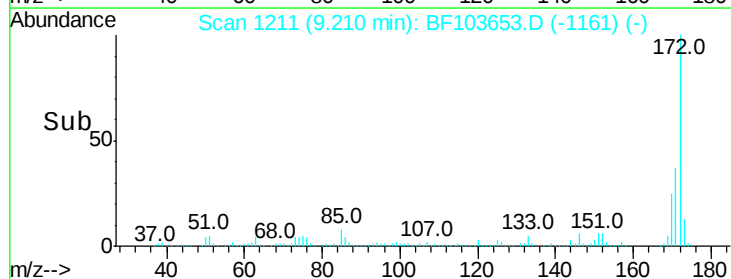
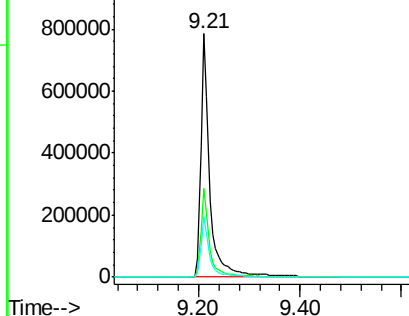


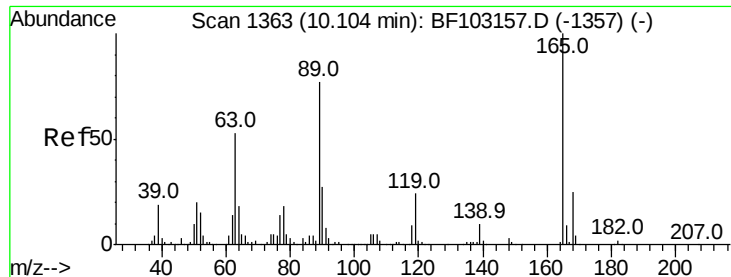
#44
 2-Fluorobiphenyl
 Concen: 75.967 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

Tgt Ion:172 Resp: 979850
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.1 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

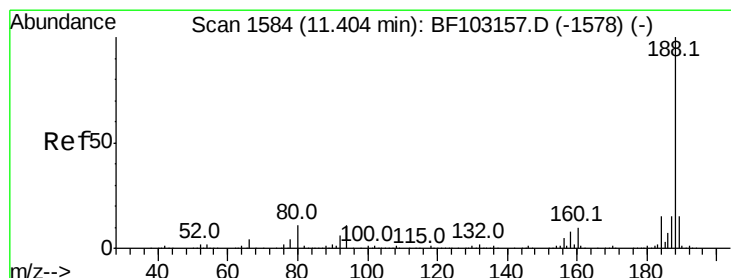
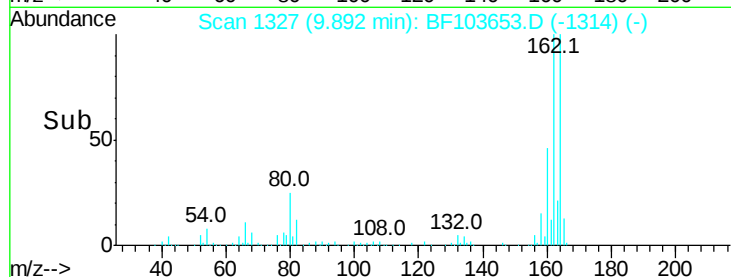
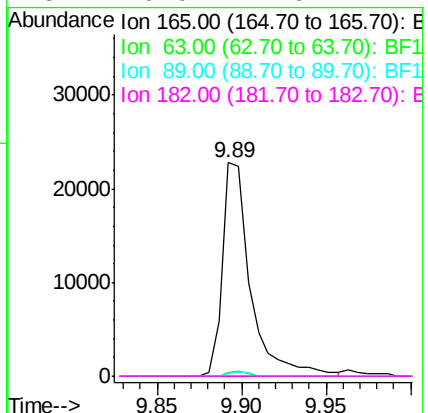
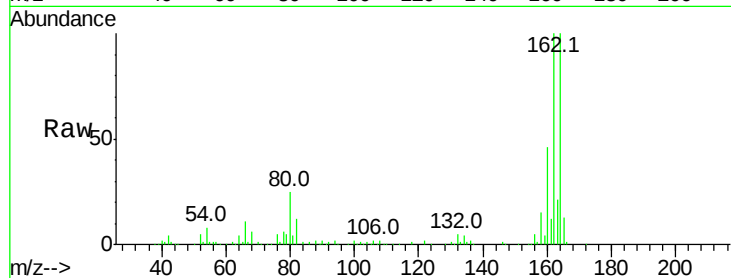




#56
2,4-Dinitrotoluene
Concen: 5.743 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.22 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

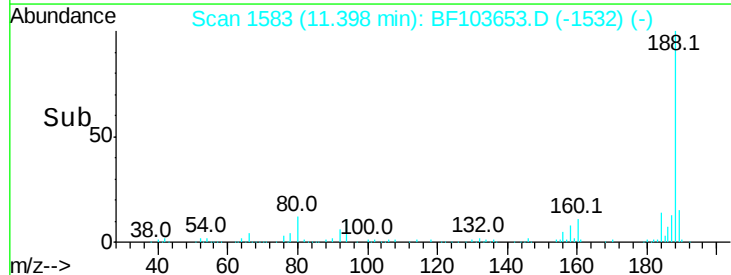
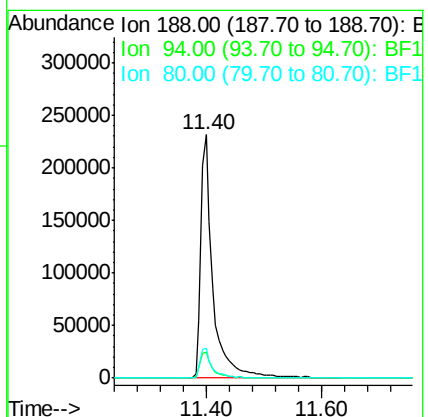
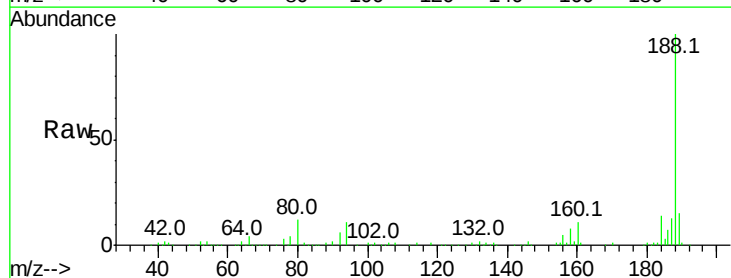
Instrument :
BNA_F
ClientSampleId :

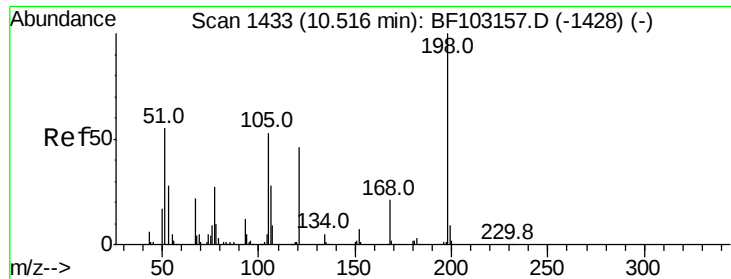
Tot Ion:165 Resp: 26486
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Tgt Ion:188 Resp: 343641
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 12.0 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.000 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.16 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

Instrument :

BNA_F

ClientSampled :

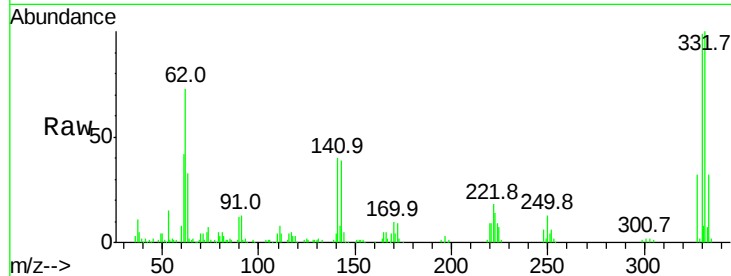
Tot Ion:198 Resp: 128

Ion Ratio Lower Upper

198 100

51 217.4 37.7 77.7#

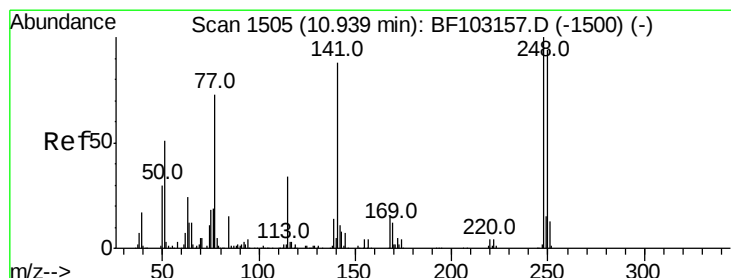
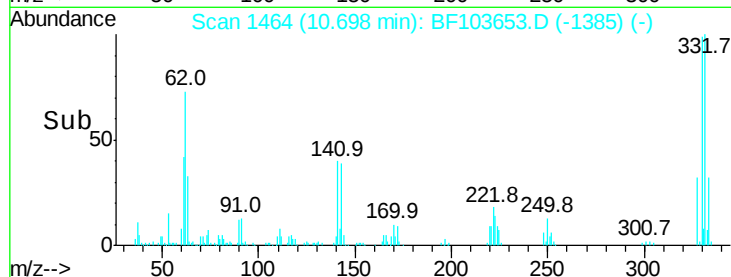
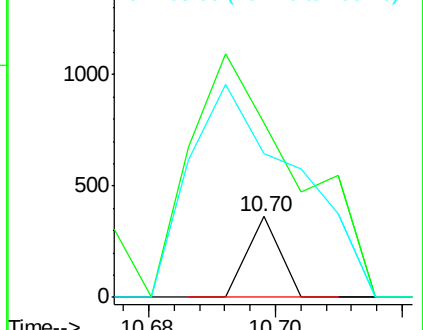
105 178.2 36.3 76.3#



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: 3.180 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.24 min

Lab File: BF103653.D

Acq: 14 Mar 2018 20:53

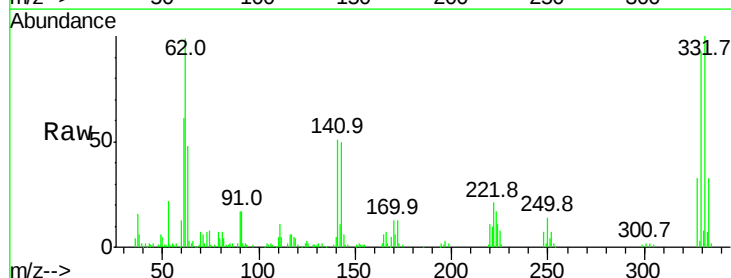
Tgt Ion:248 Resp: 11384

Ion Ratio Lower Upper

248 100

250 191.2 76.9 115.3#

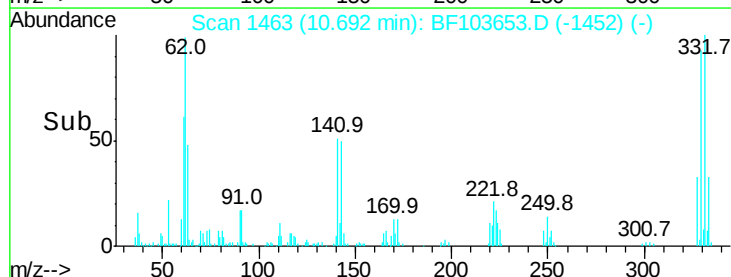
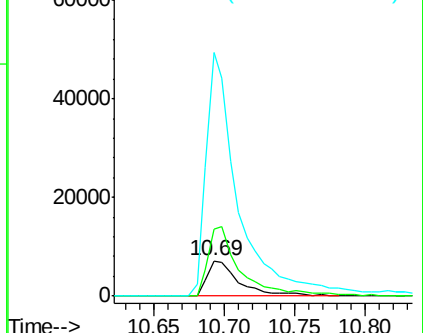
141 694.7 74.4 111.6#

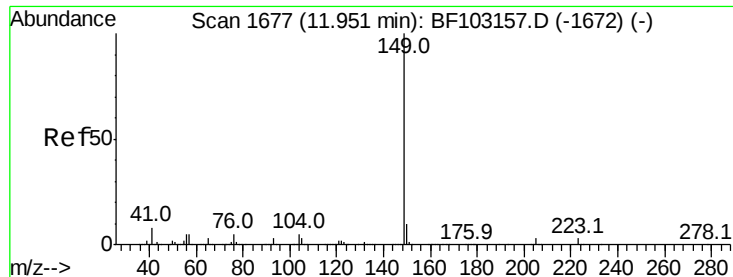


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

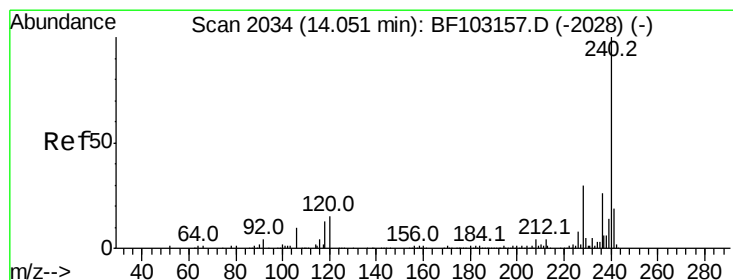
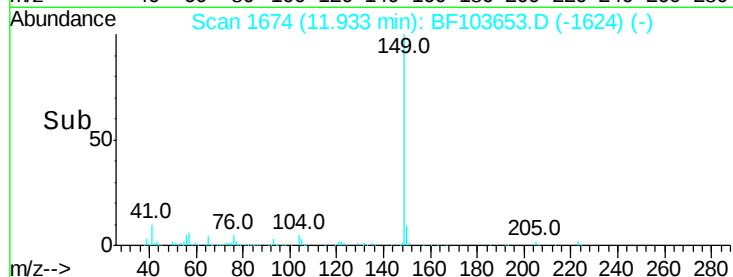
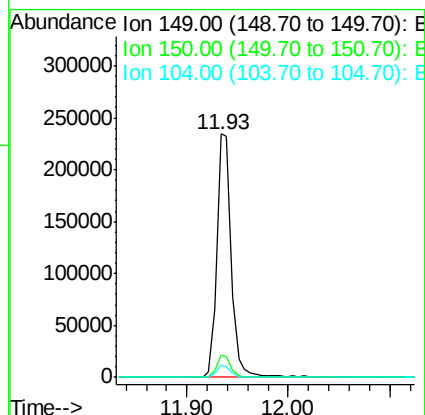
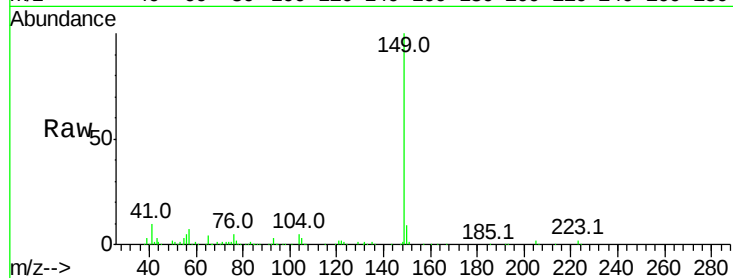




#73
Di-n-butylphthalate
Concen: 9.646 ng
RT: 11.93 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

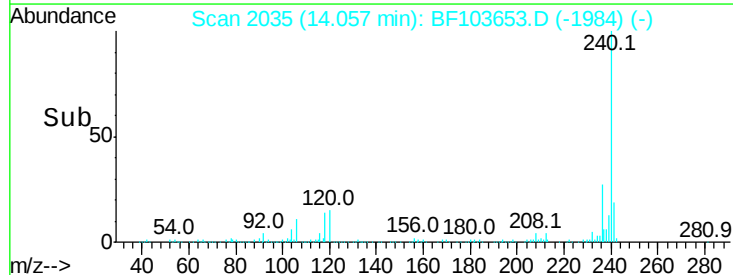
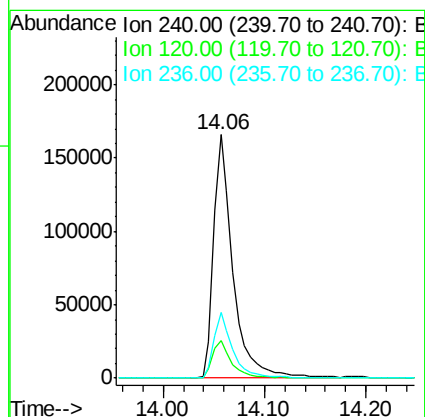
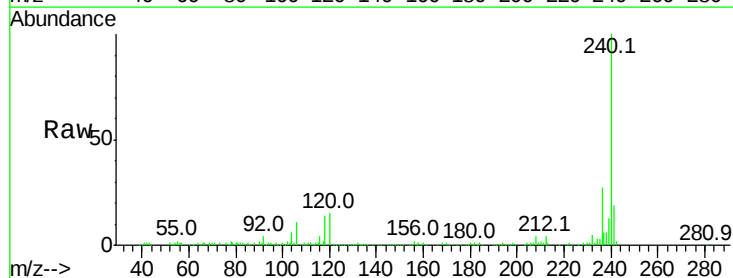
Instrument :
BNA_F
ClientSampleId :

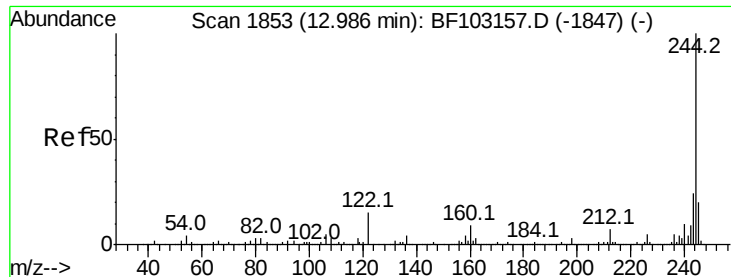
Tot Ion:149 Resp: 233097
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 5.0 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103653.D
Acq: 14 Mar 2018 20:53

Tgt Ion:240 Resp: 219993
Ion Ratio Lower Upper
240 100
120 15.5 9.5 14.3#
236 27.0 20.7 31.1

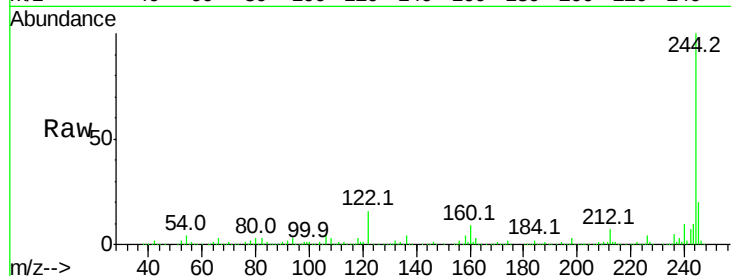




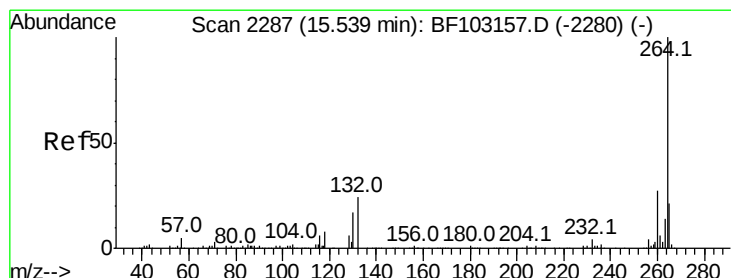
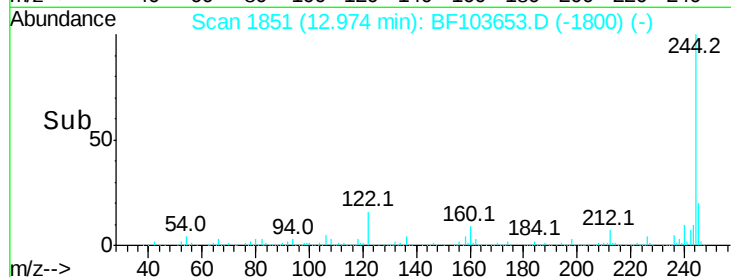
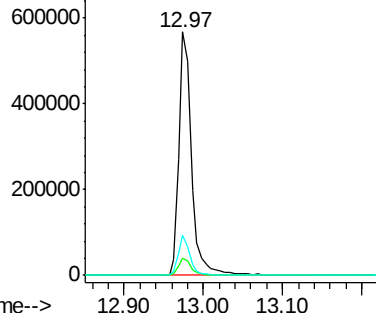
#78
 Terphenyl-d14
 Concen: 69.596 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 636921
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 16.2 11.0 16.4

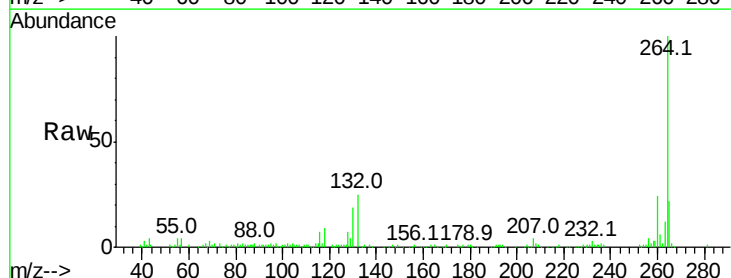


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103653.D
 Acq: 14 Mar 2018 20:53

Tgt Ion:264 Resp: 189059
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 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

