

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103484.D
 Acq On : 7 Mar 2018 4:06
 Operator : SJ/JU
 Sample : J1797-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 06:35:48 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

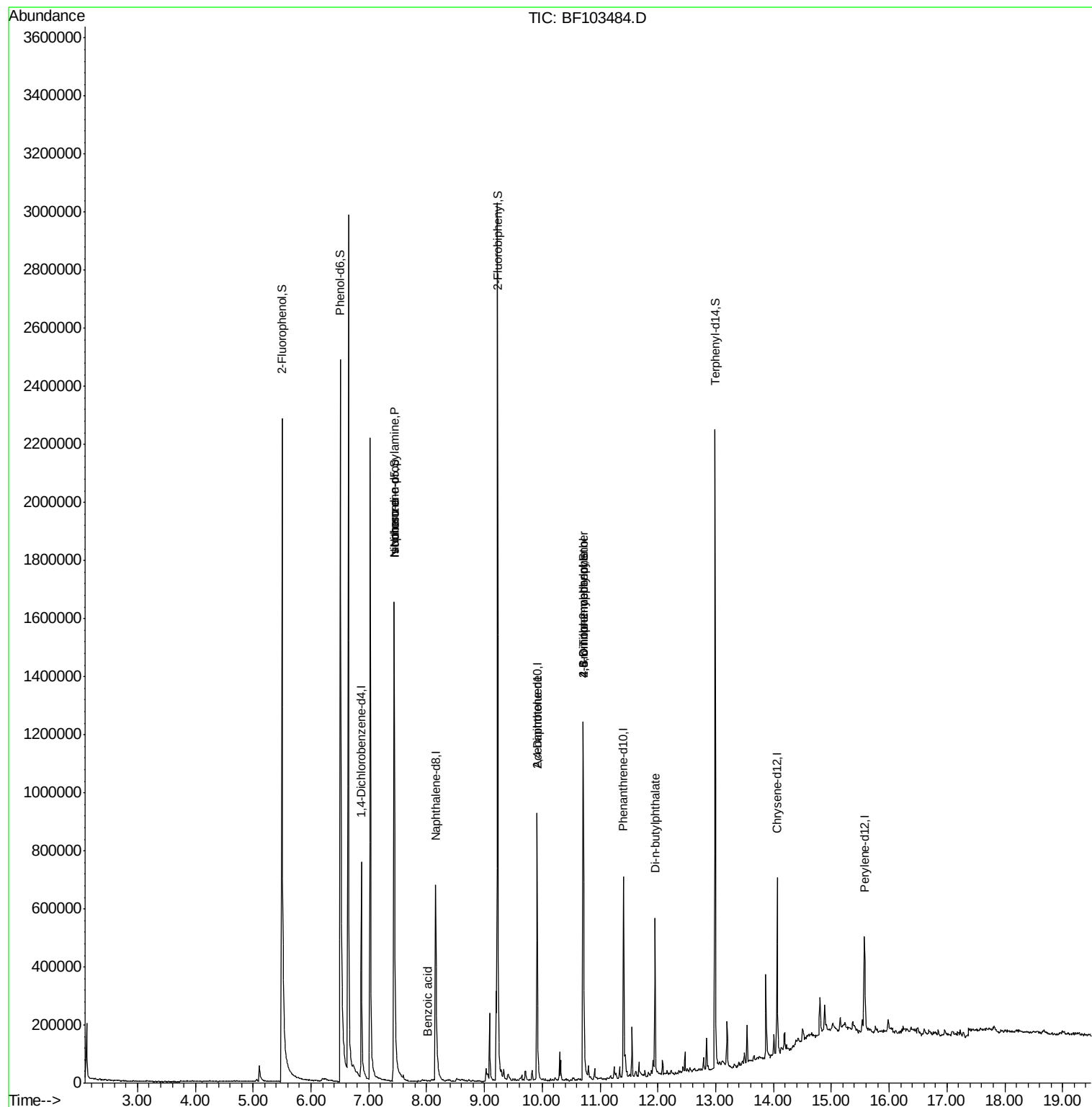
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	516167	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	200419	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	306930	20.00	ng	0.00
75) Chrysene-d12	14.06	240	209675	20.00	ng	0.00
86) Perylene-d12	15.57	264	160773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	981061	111.34	ng	0.00
7) Phenol-d6	6.51	99	1188270	110.21	ng	0.00
23) Nitrobenzene-d5	7.44	82	739225	81.79	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	154297	90.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1025746	89.18	ng	0.00
78) Terphenyl-d14	12.99	244	729632	83.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.51	77	1713	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	98567	14.689	ng	# 1
25) Isophorone	7.44	82	739225	41.527	ng	# 82
32) Benzoic acid	8.01	122	108	6.931	ng	# 64
56) 2,4-Dinitrotoluene	9.91	165	25906	6.071	ng	# 51
64) 4,6-Dinitro-2-methylphenol	10.71	198	108	4.997	ng	# 24
66) 4-Bromophenyl-phenylether	10.71	248	10911	3.413	ng	# 1
73) Di-n-butylphthalate	11.95	149	252442	11.696	ng	# 1
						99

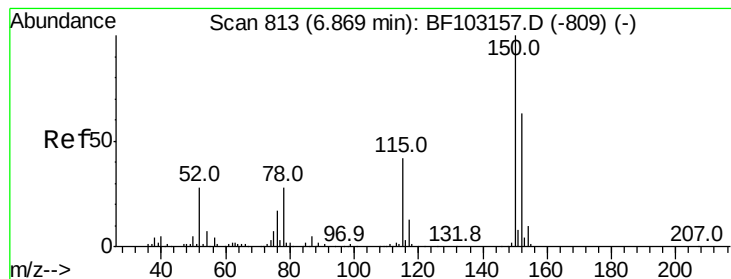
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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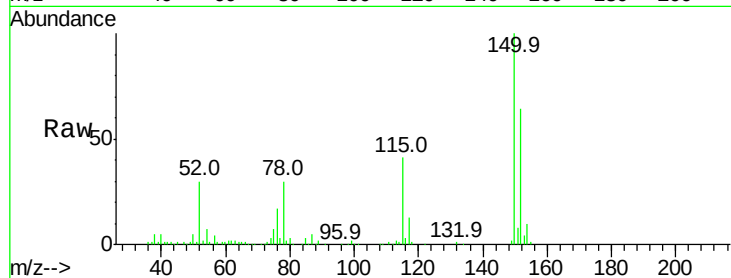


#1

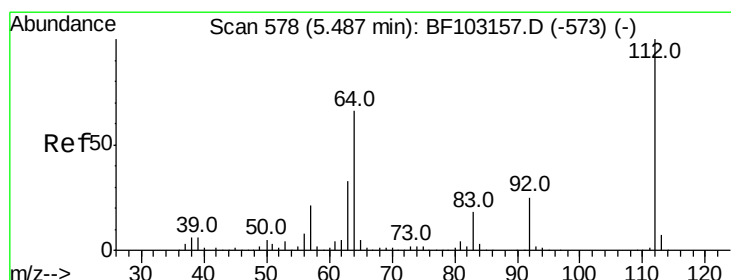
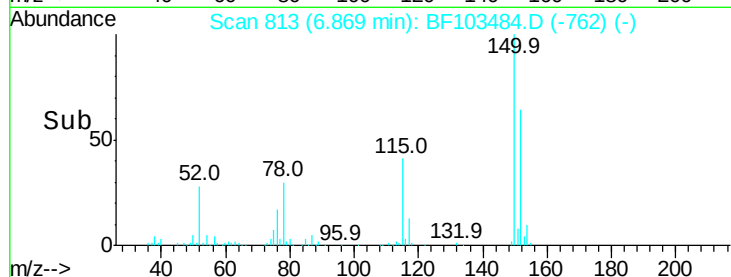
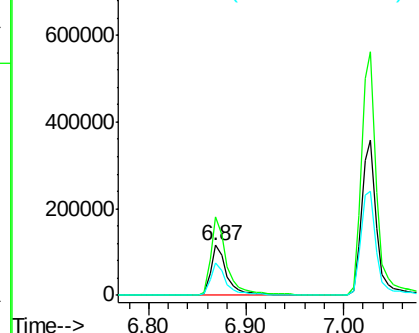
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133266
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 64.6 50.1 75.1



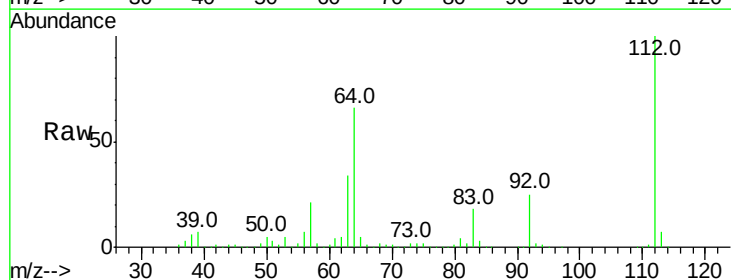
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



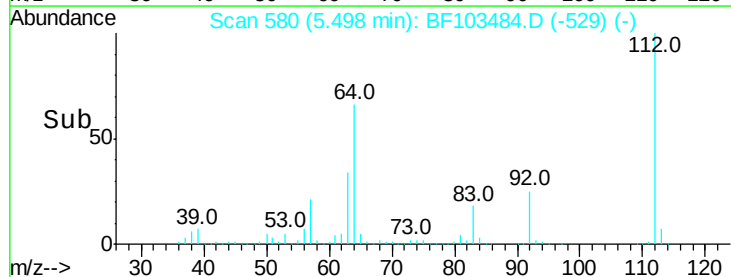
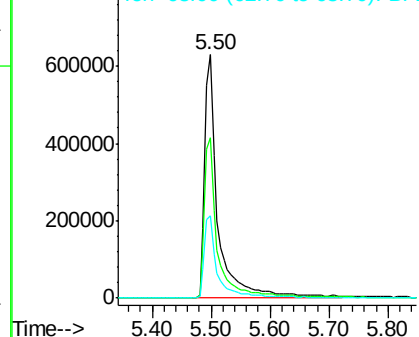
#5

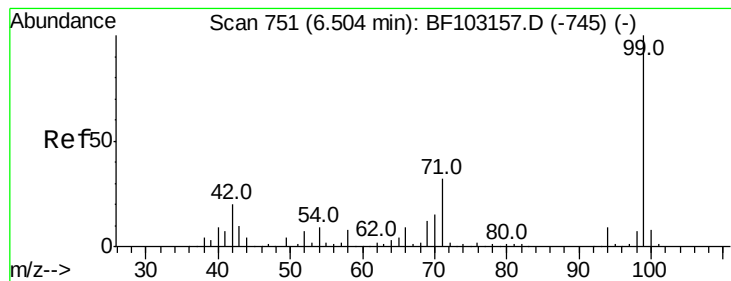
2-Fluorophenol
Concen: 111.340 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Tgt Ion:112 Resp: 981061
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 33.9 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: 110.208 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

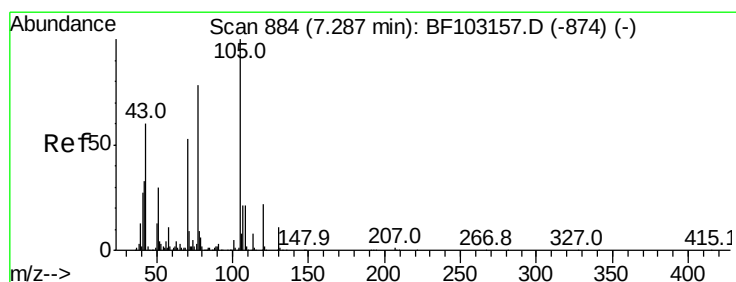
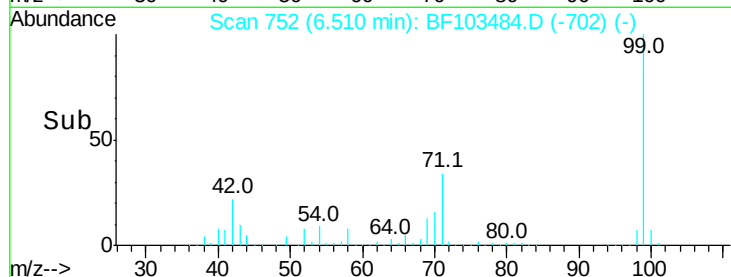
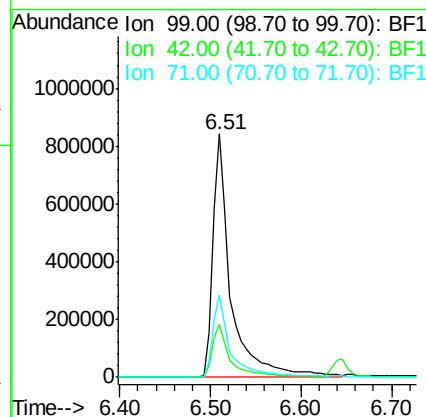
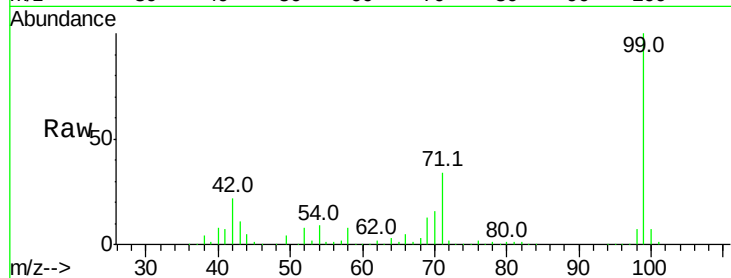
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1188270

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	33.6	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.689 ng

RT: 7.44 min Scan# 910

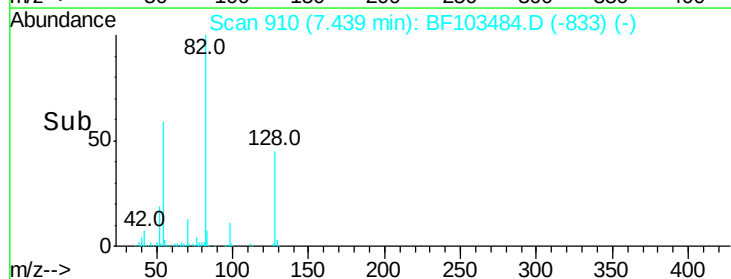
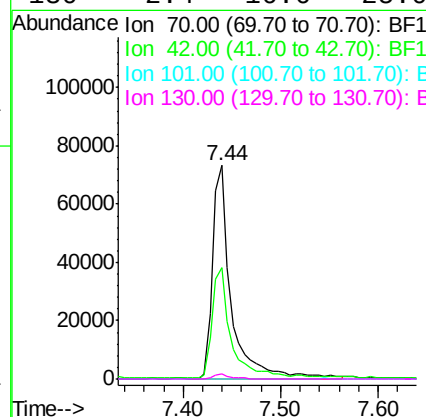
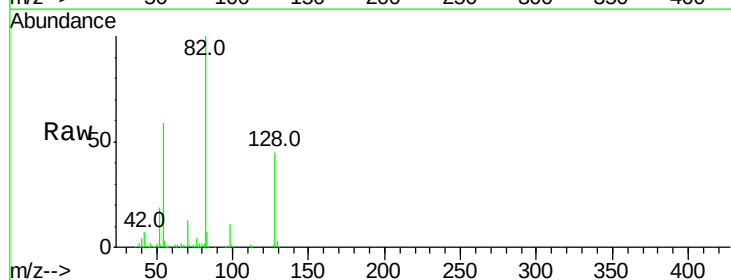
Delta R.T. 0.15 min

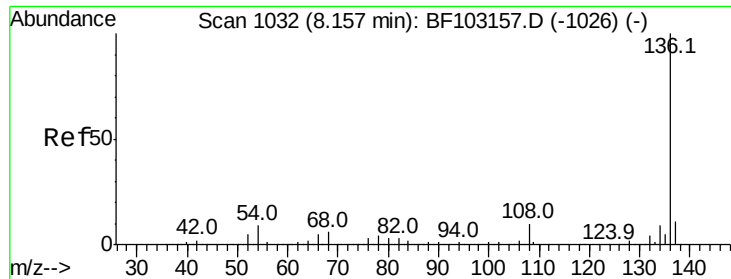
Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

Tgt Ion: 70 Resp: 98567

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

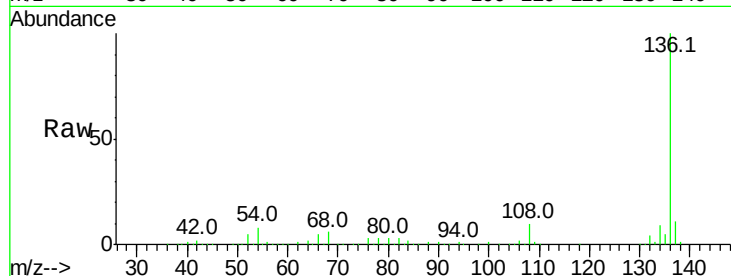




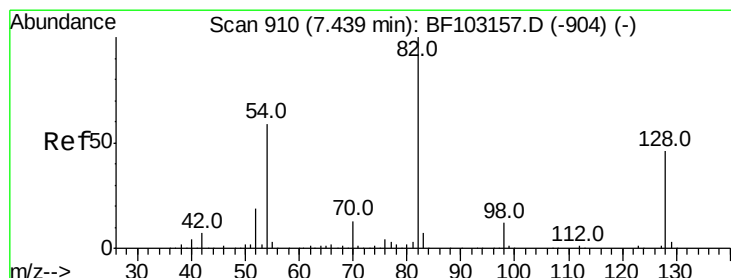
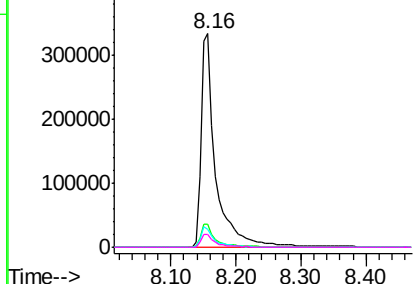
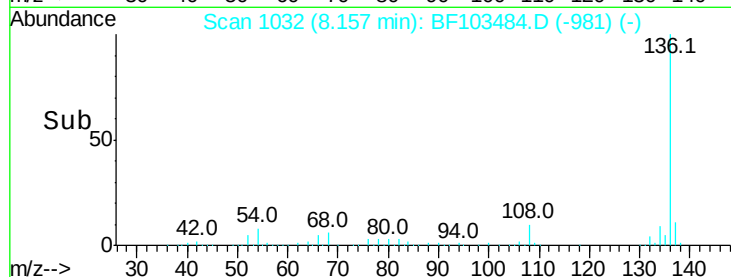
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	516167
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

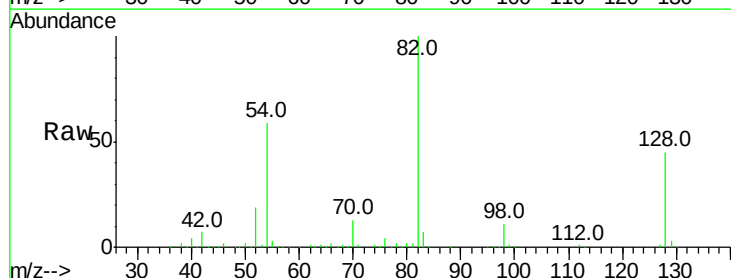


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

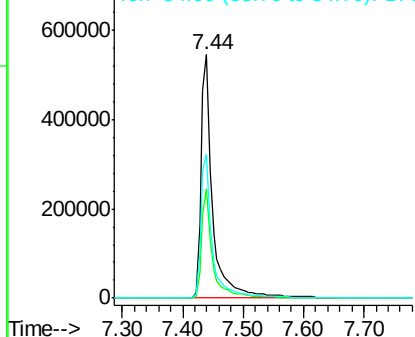
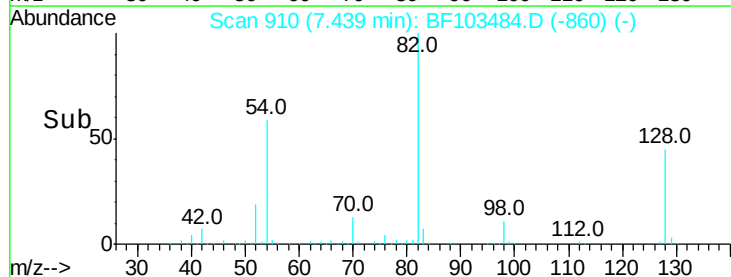


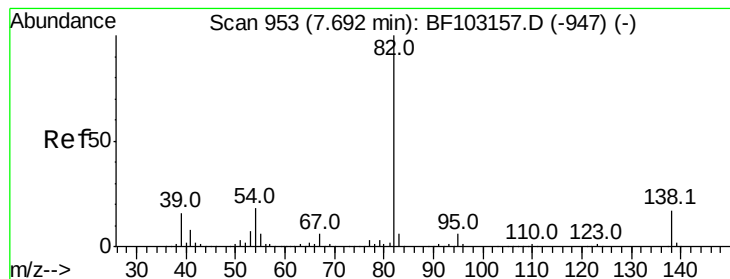
#23
Nitrobenzene-d5
Concen: 81.787 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Tgt Ion:	82	Resp:	739225
Ion	Ratio	Lower	Upper
82	100		
128	44.7	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: 41.527 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

Instrument :

BNA_F

ClientSampleId :

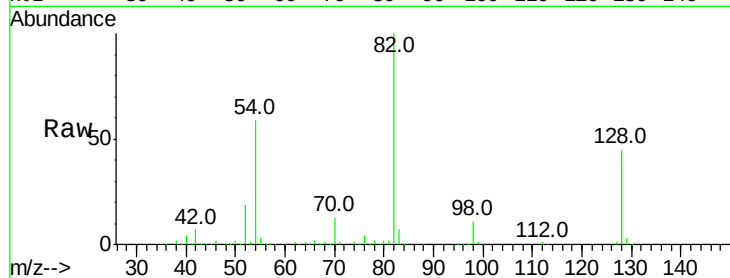
Tot Ion: 82 Resp: 739225

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

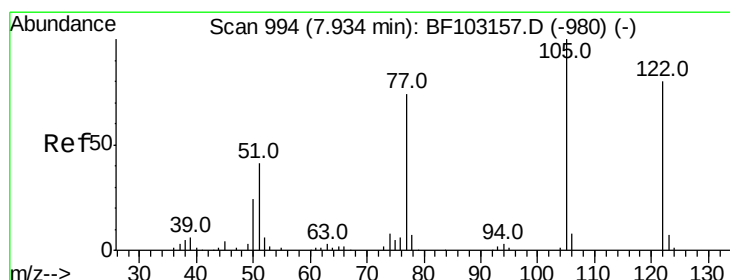
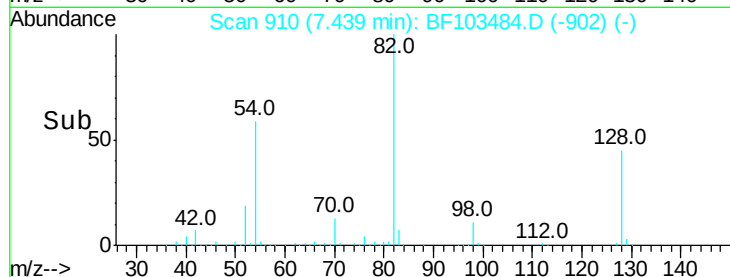
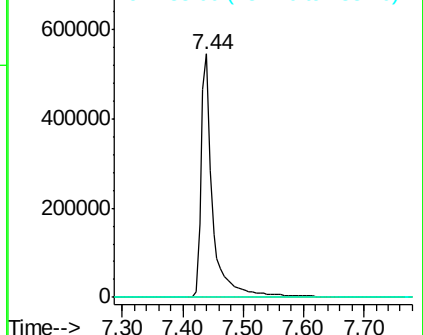
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.931 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.05 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

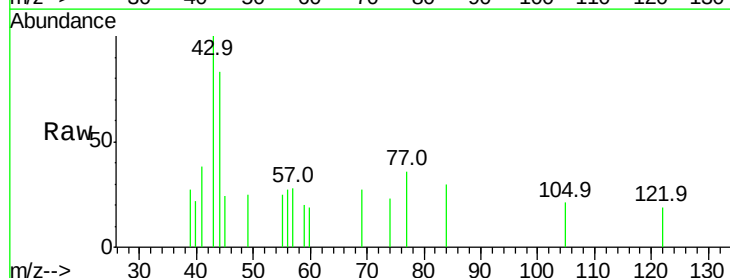
Tgt Ion: 122 Resp: 108

Ion Ratio Lower Upper

122 100

105 111.8 101.1 141.1

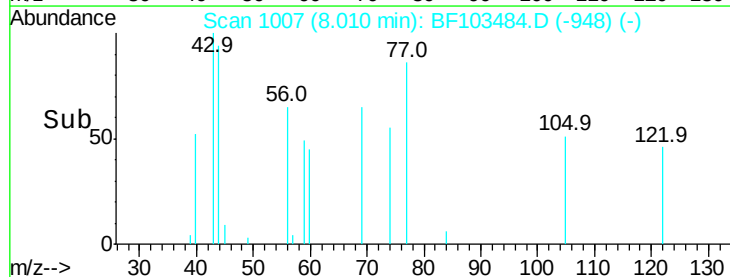
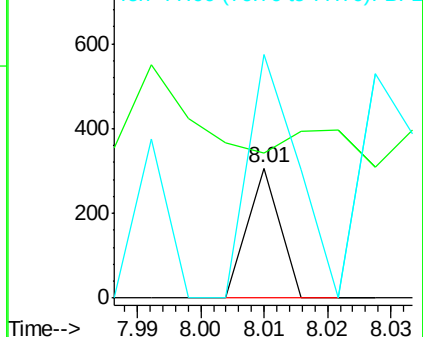
77 187.6 70.7 110.7#

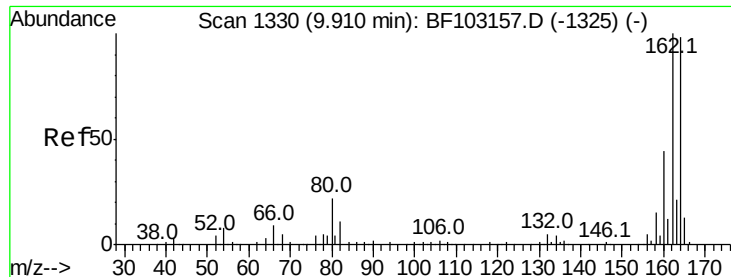


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

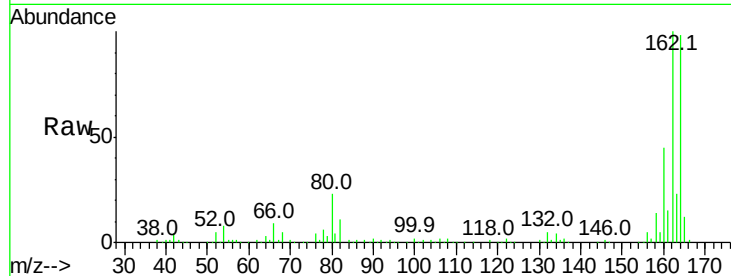




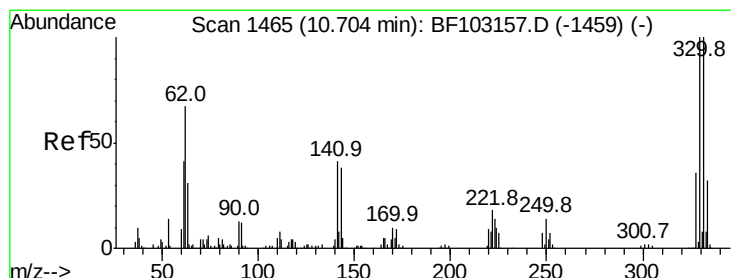
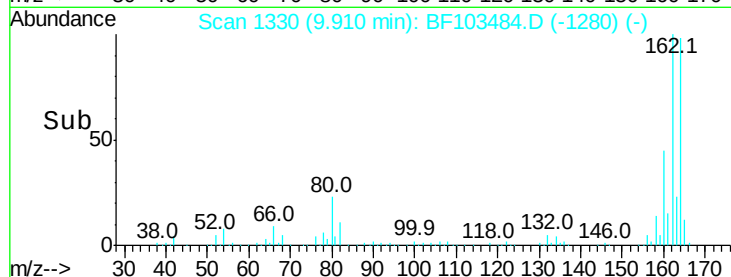
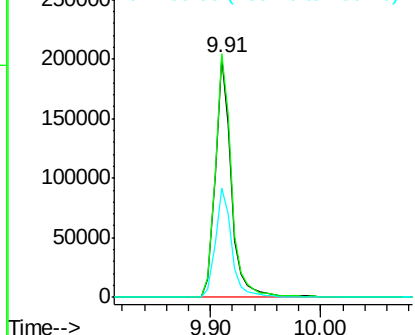
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 200419
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.4 38.3 57.5

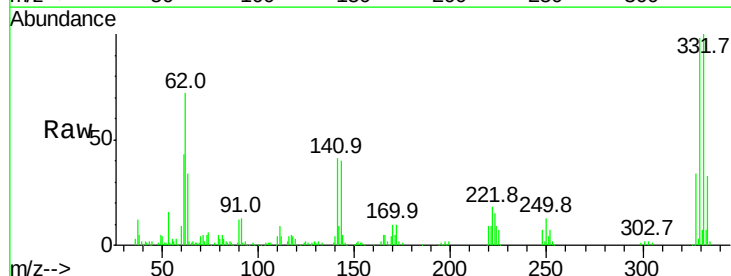


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

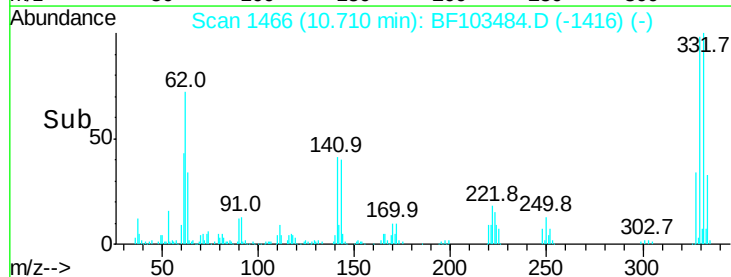
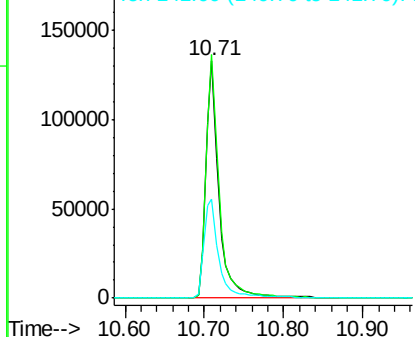


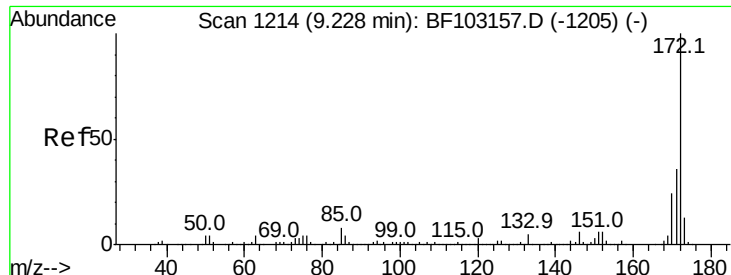
#41
2,4,6-Tribromophenol
Concen: 90.954 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Tgt Ion:330 Resp: 154297
Ion Ratio Lower Upper
330 100
332 104.0 77.0 115.6
141 48.2 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: 89.184 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

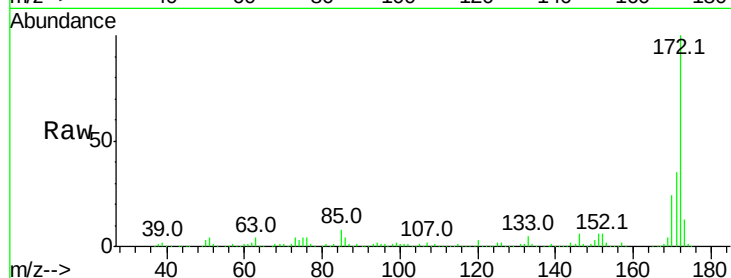
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1025746

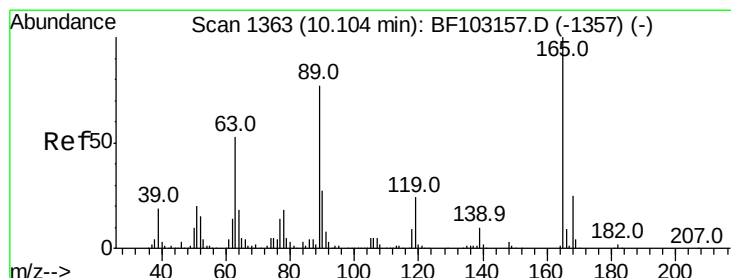
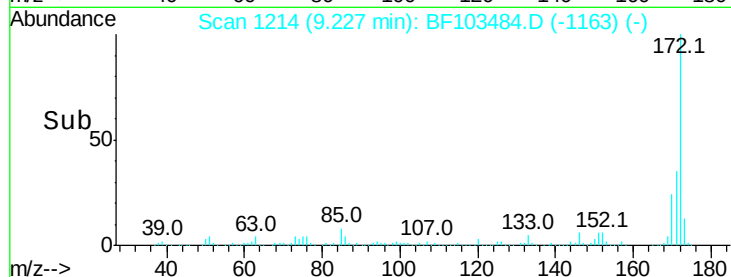
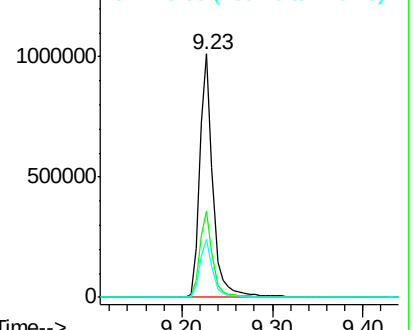
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.8	19.6	29.4



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: 6.071 ng

RT: 9.91 min Scan# 1330

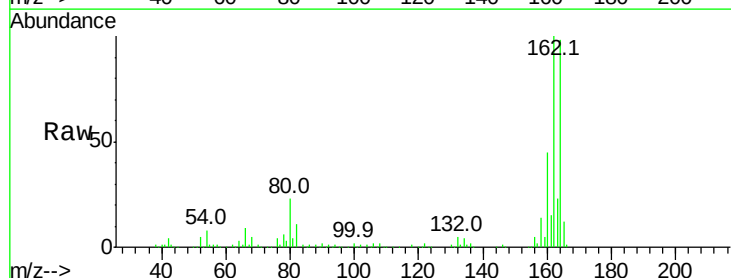
Delta R.T. -0.21 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

Tgt Ion:165 Resp: 25906

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

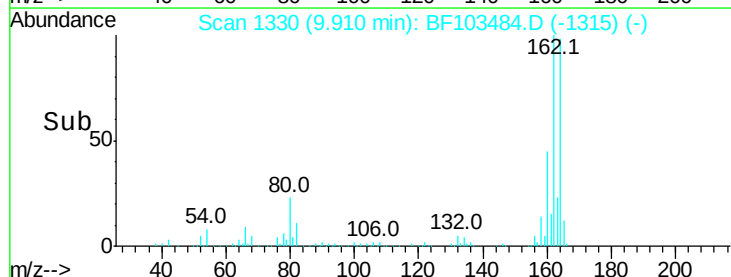
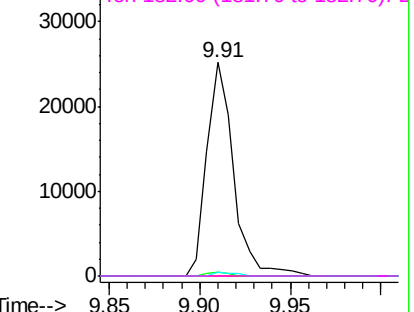


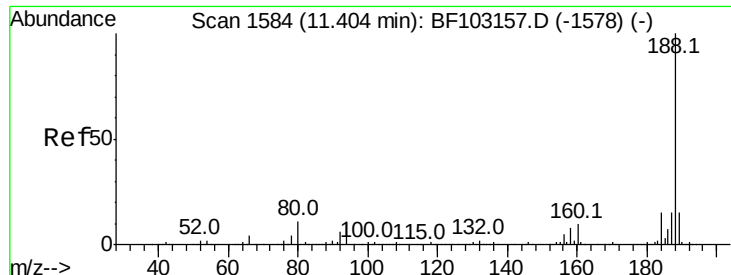
Abundance Ion 165.00 (164.70 to 165.70): E

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

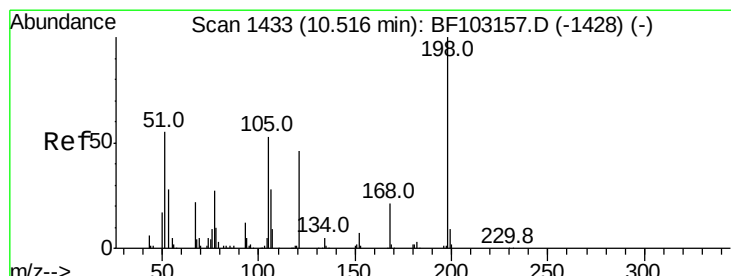
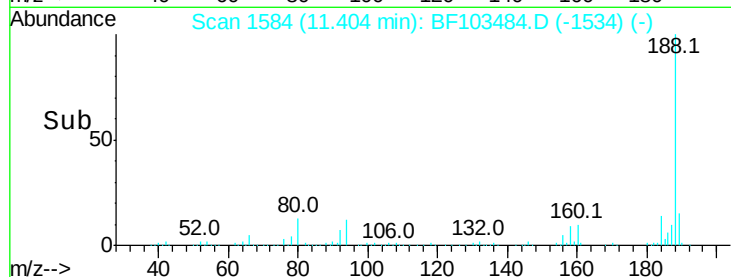
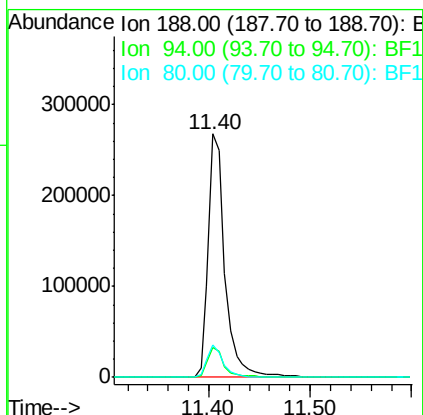
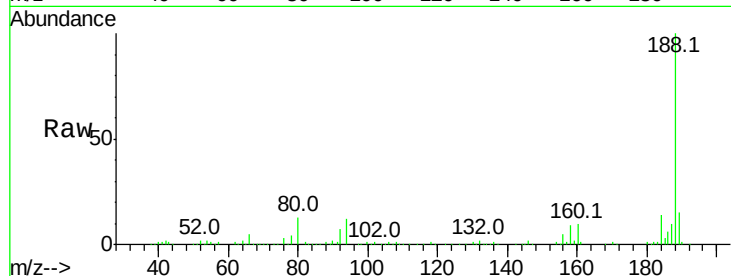




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

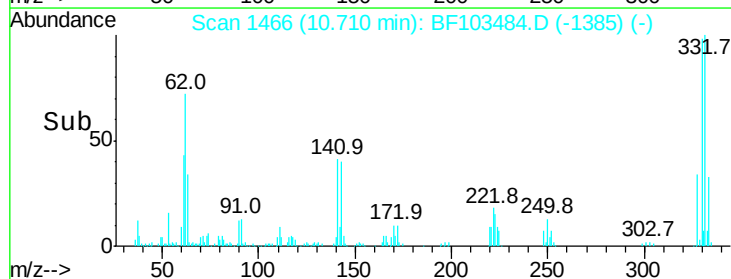
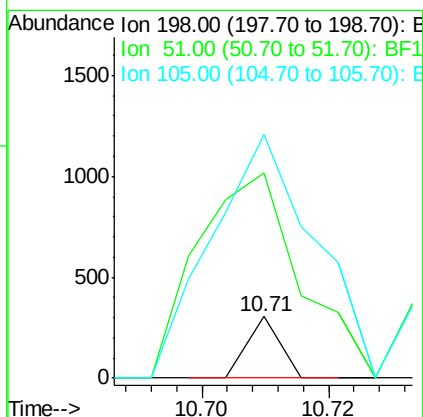
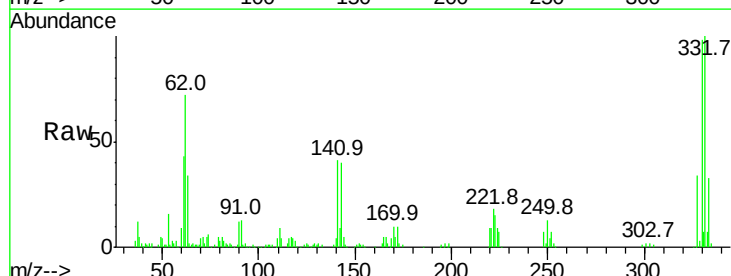
Instrument :
BNA_F
ClientSampleId :

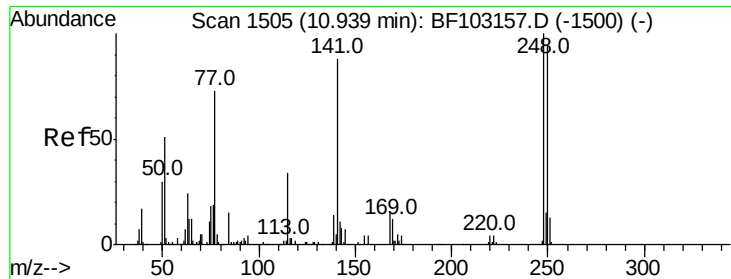
Tot Ion:188 Resp: 306930
Ion Ratio Lower Upper
188 100
94 12.3 8.5 12.7
80 13.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 4.997 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Tgt Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 333.3 37.7 77.7#
105 394.4 36.3 76.3#

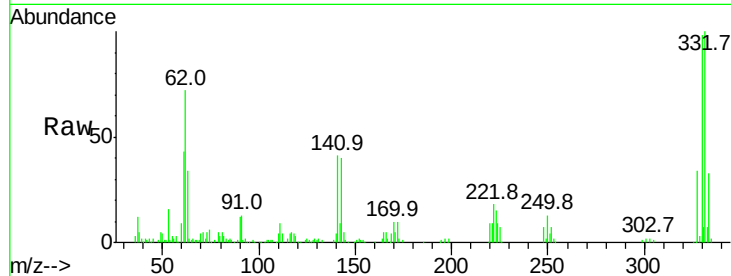




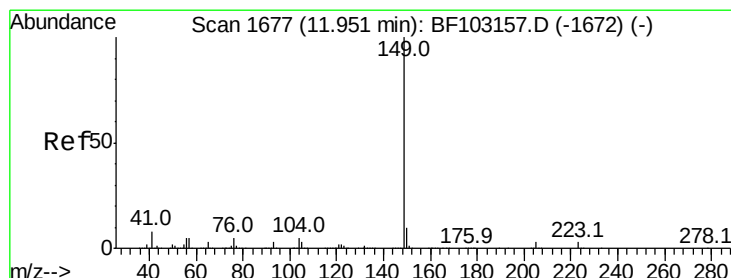
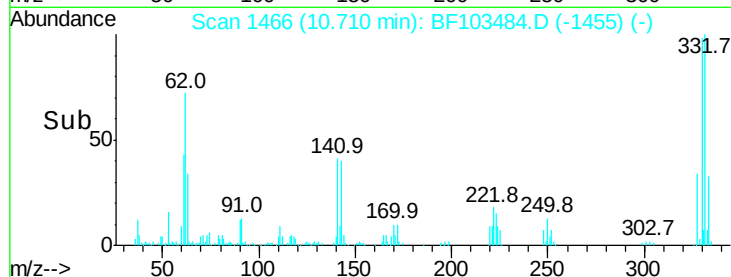
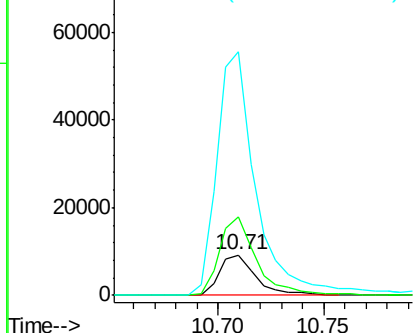
#66
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10911
Ion Ratio Lower Upper
248 100
250 194.1 76.9 115.3#
141 598.3 74.4 111.6#

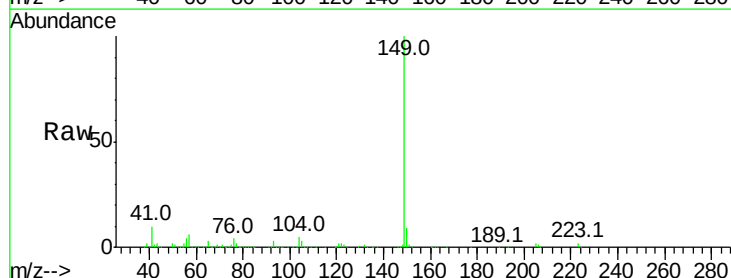


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

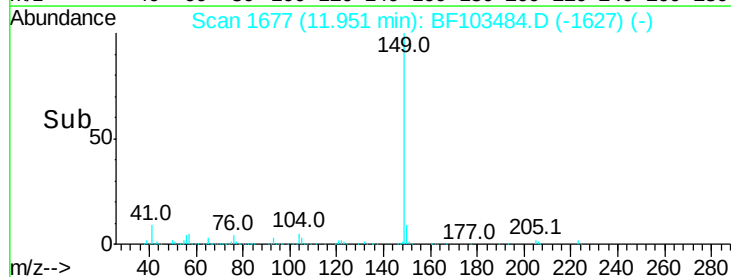
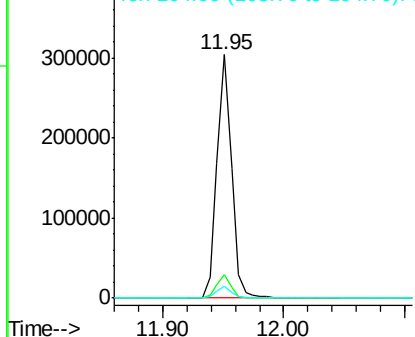


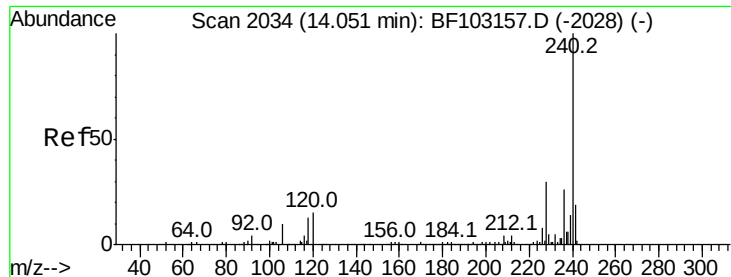
#73
Di-n-butylphthalate
Concen: 11.696 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF103484.D
Acq: 7 Mar 2018 4:06

Tgt Ion:149 Resp: 252442
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

Instrument :

BNA_F

ClientSampleId :

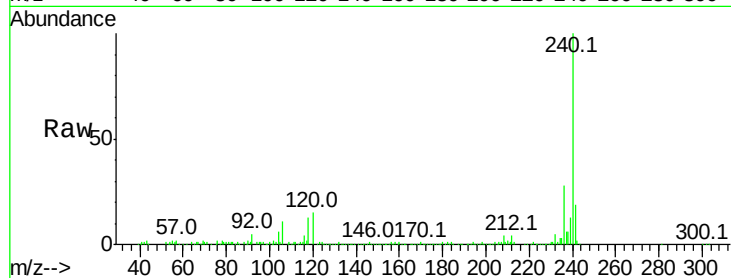
Tot Ion:240 Resp: 209675

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

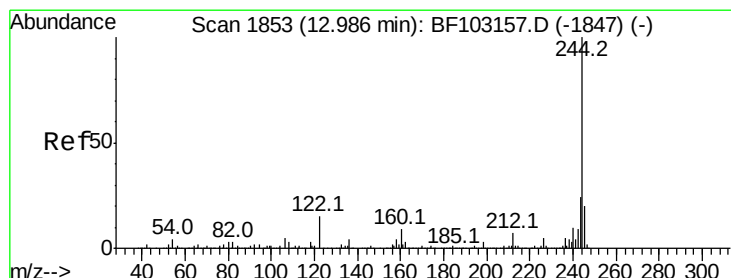
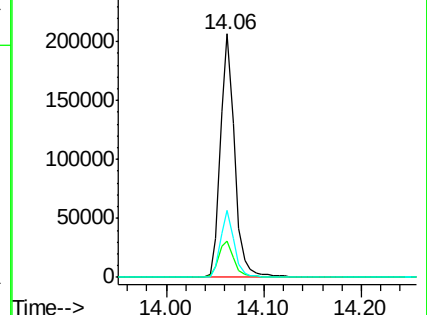
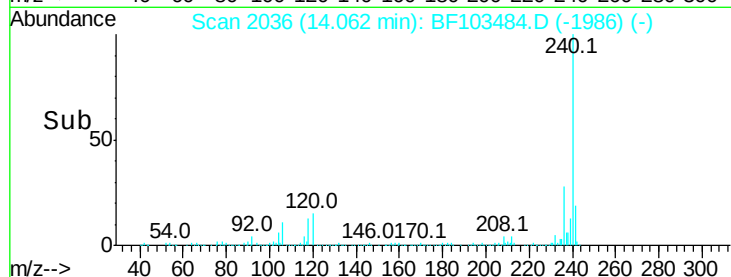
236 27.8 20.7 31.1



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: 83.650 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103484.D

Acq: 7 Mar 2018 4:06

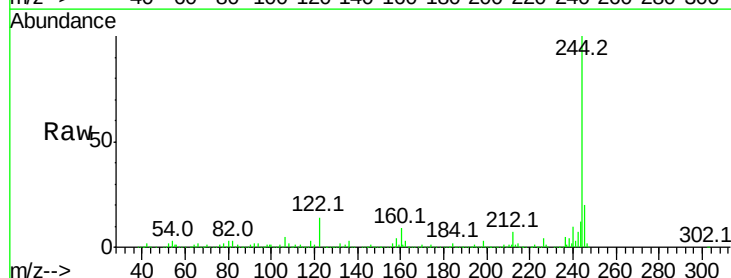
Tgt Ion:244 Resp: 729632

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

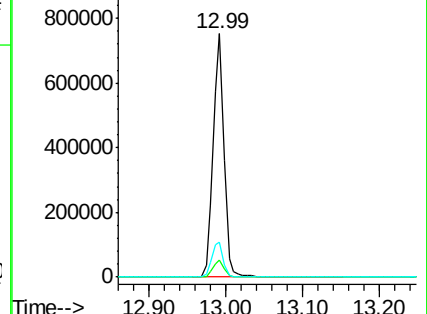
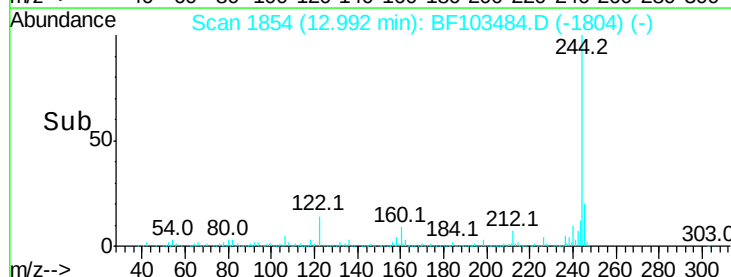
122 14.4 11.0 16.4

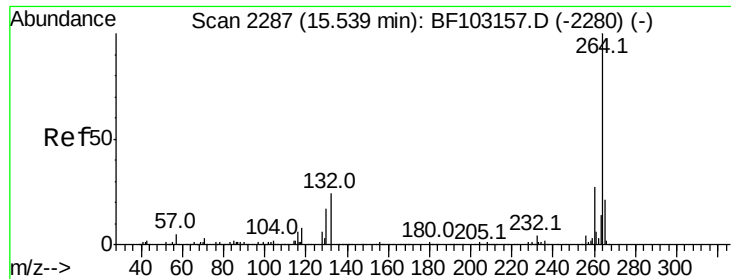


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

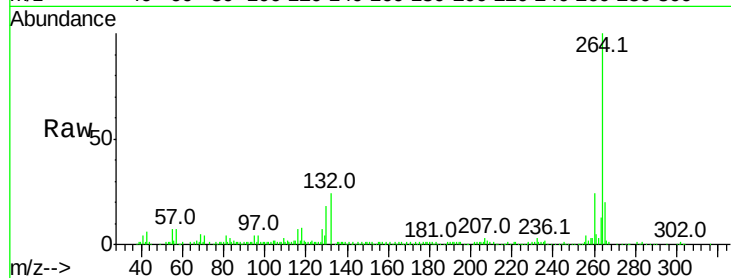




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF103484.D
 Acq: 7 Mar 2018 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.2	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

