

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103614.D
 Acq On : 13 Mar 2018 19:42
 Operator : SJ/JU
 Sample : J1776-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 22:06:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	130650	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	568871	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	256937	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	463234	20.00	ng	0.00
75) Chrysene-d12	14.06	240	300880	20.00	ng	0.00
86) Perylene-d12	15.57	264	241999	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1135554	131.45	ng	0.01
7) Phenol-d6	6.50	99	1235530	116.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	1063134	106.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	286473	131.72	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1521937	109.10	ng	0.00
78) Terphenyl-d14	12.98	244	1255150	100.28	ng	0.00

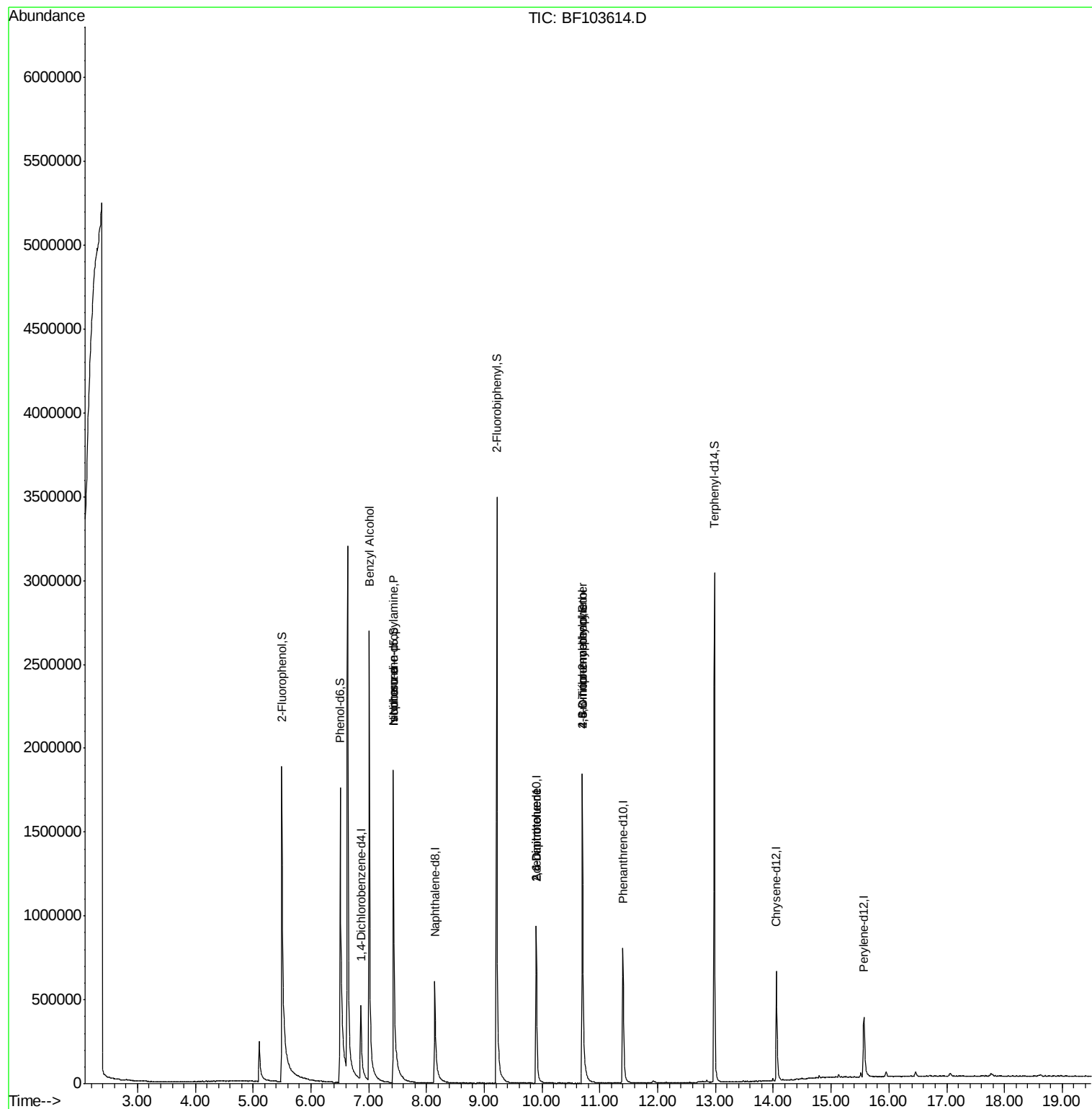
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1430	Below Cal	#	1
15) Benzyl Alcohol	7.01	79	16105	2.022 ng	#	41
19) n-Nitroso-di-n-propylamine	7.43	70	137756	20.940 ng	#	83
25) Isophorone	7.43	82	1063134	54.190 ng	#	64
50) 2,6-Dinitrotoluene	9.90	165	33002	7.630 ng	#	26
56) 2,4-Dinitrotoluene	9.90	165	33315	6.090 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.69	198	525	5.112 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	19637	4.069 ng	#	1

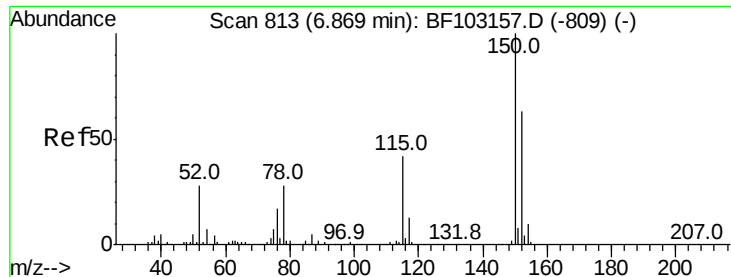
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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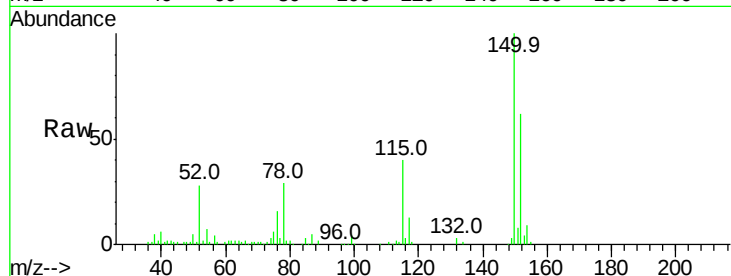


#1

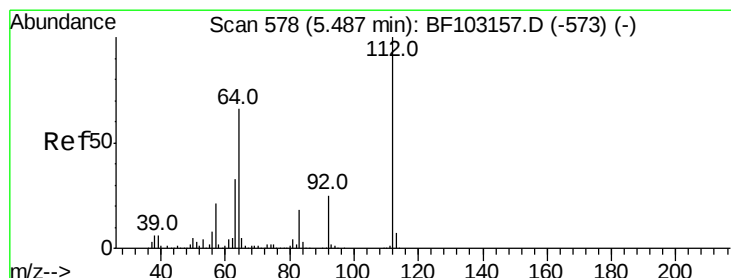
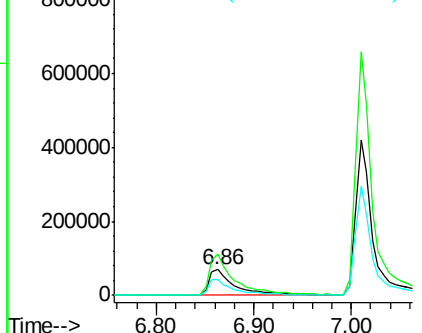
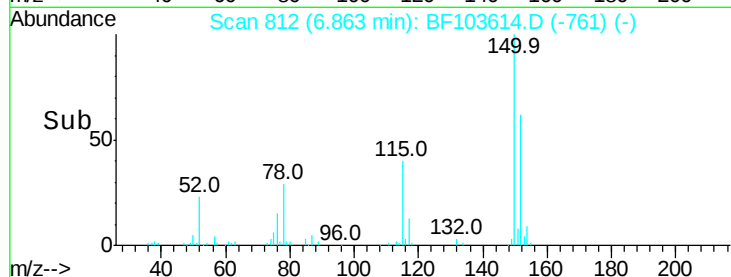
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130650
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 64.4 50.1 75.1



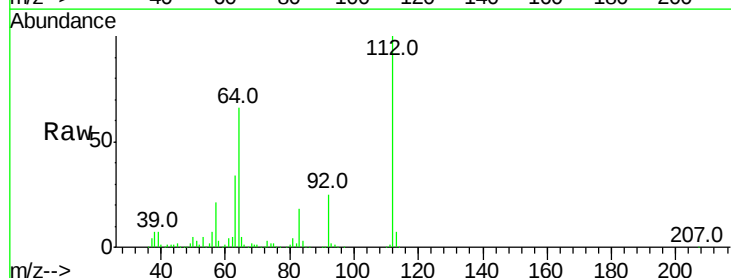
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



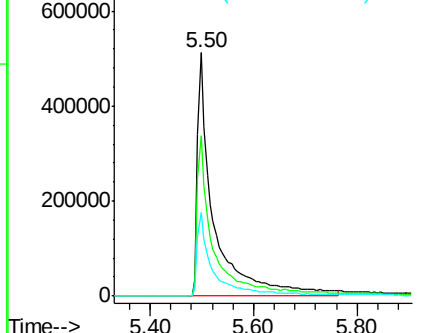
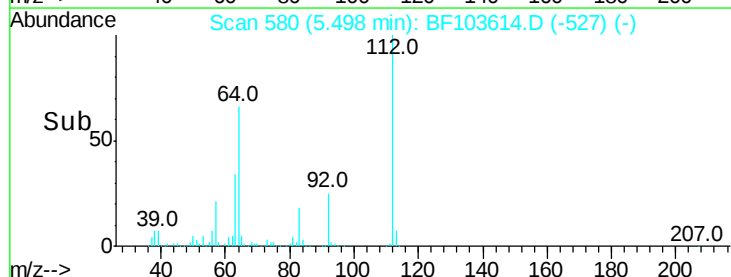
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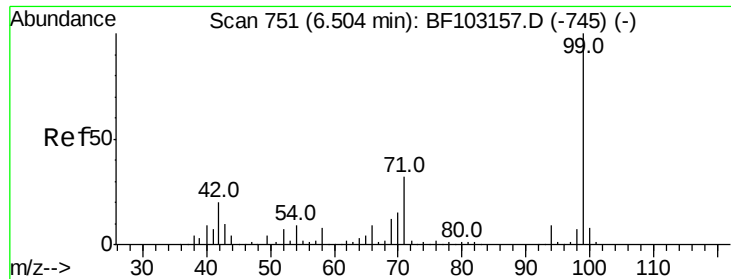
2-Fluorophenol
Concen: 131.454 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Tgt Ion:112 Resp: 1135554
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 34.4 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



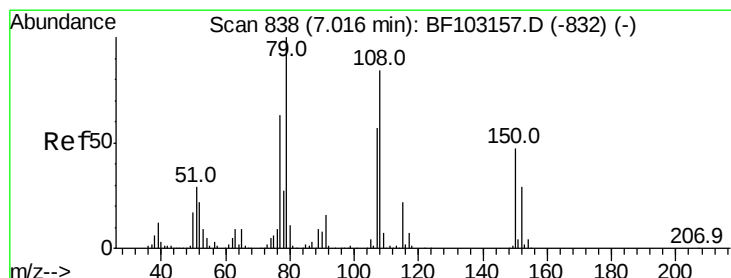
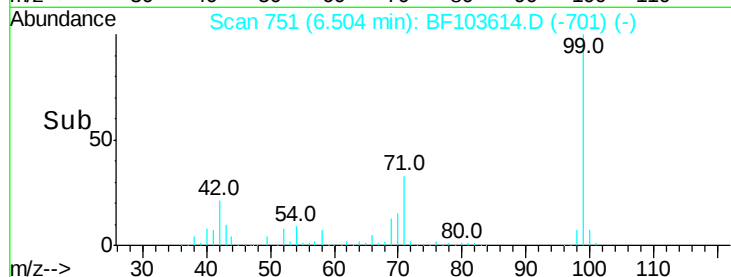
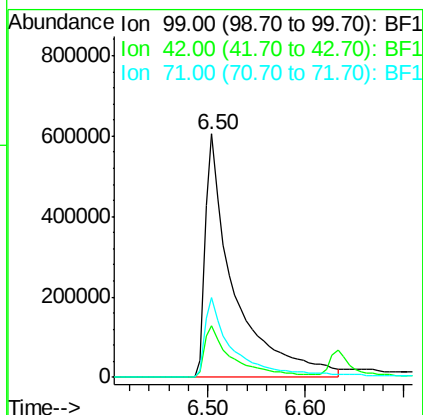
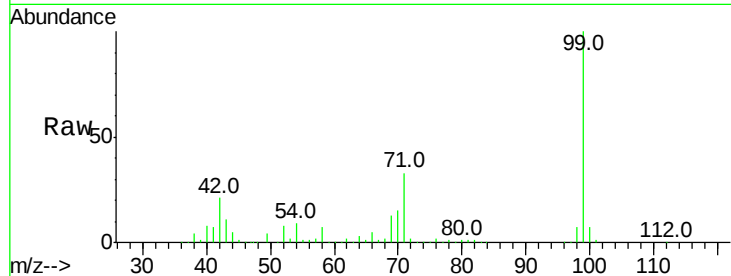


#7
 Phenol-d6
 Concen: 116.886 ng
 RT: 6.50 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 99 Resp: 123530

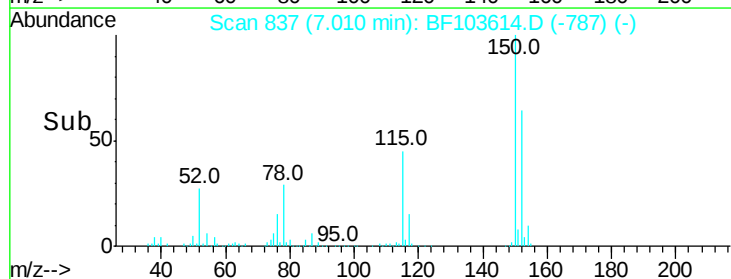
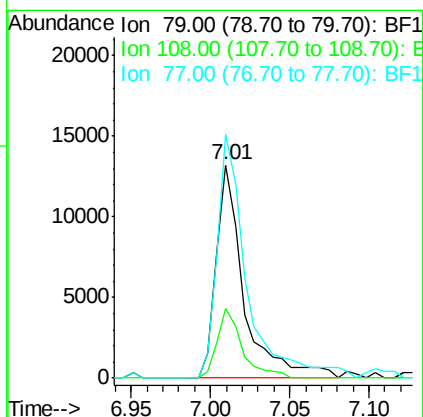
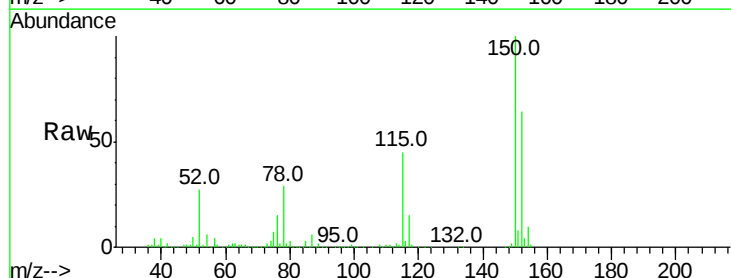
Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	32.9	25.4	38.0

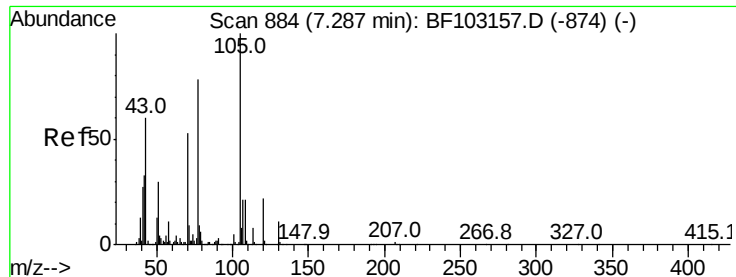


#15
 Benzyl Alcohol
 Concen: 2.022 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tgt Ion: 79 Resp: 16105

Ion	Ratio	Lower	Upper
79	100		
108	32.9	65.1	97.7#
77	114.3	50.6	75.8#





#19

n-Nitroso-di-n-propylamine

Concen: 20.940 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 137756

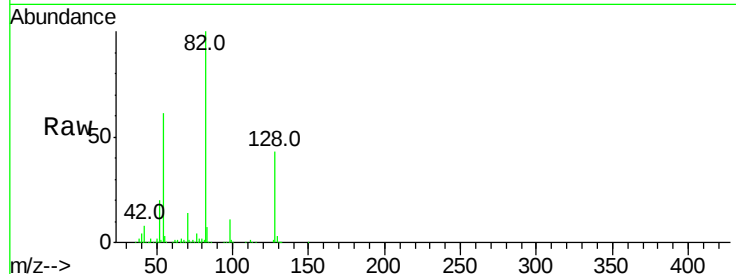
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

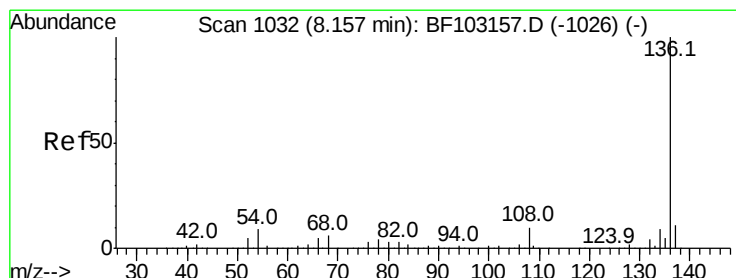
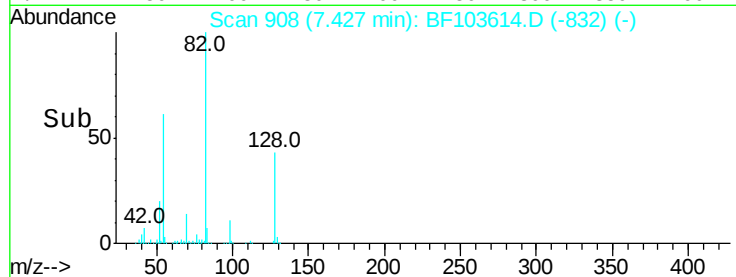
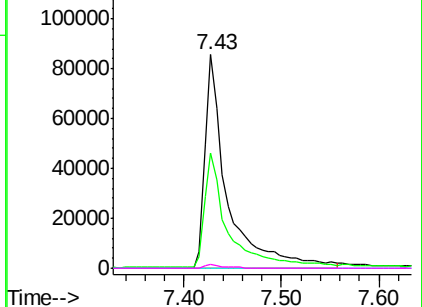


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

Tgt Ion: 136 Resp: 568871

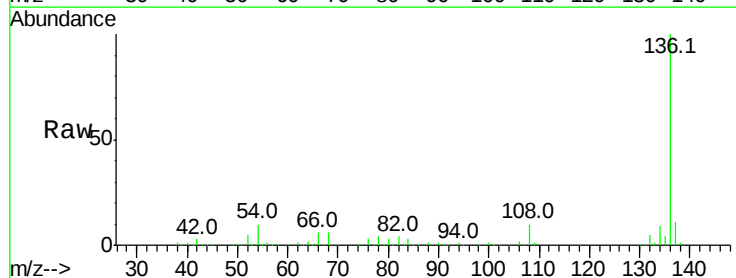
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.8 6.6 9.8#

68 6.4 5.0 7.4

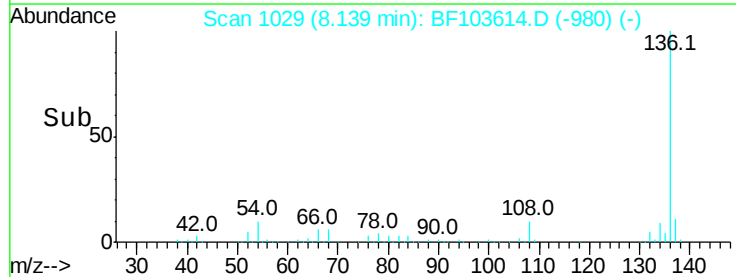
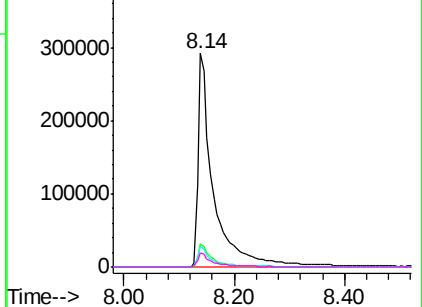


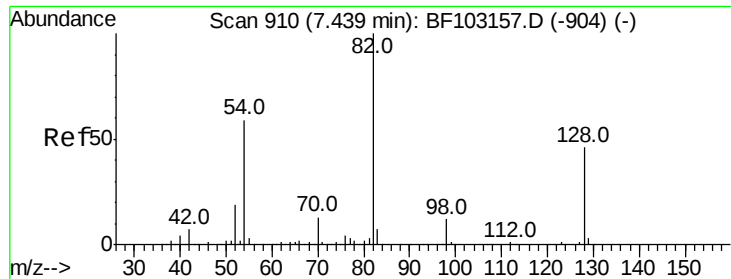
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

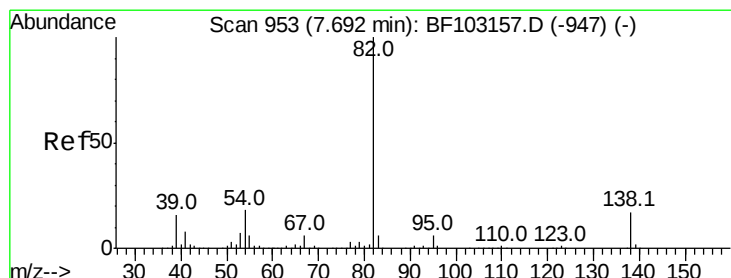
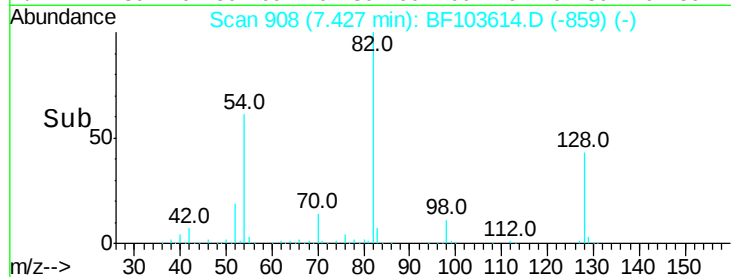
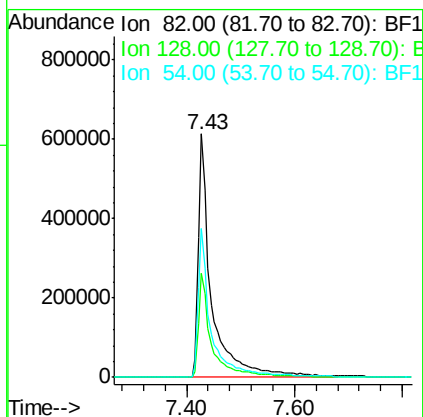
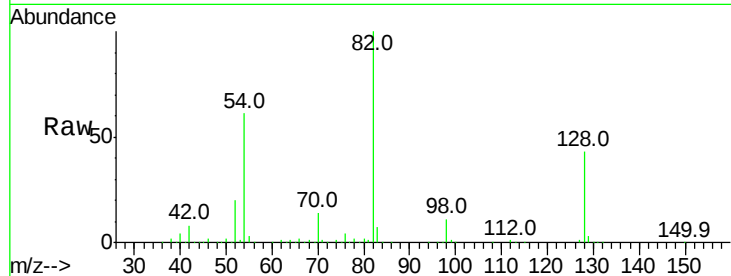




#23
Nitrobenzene-d5
Concen: 106.727 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

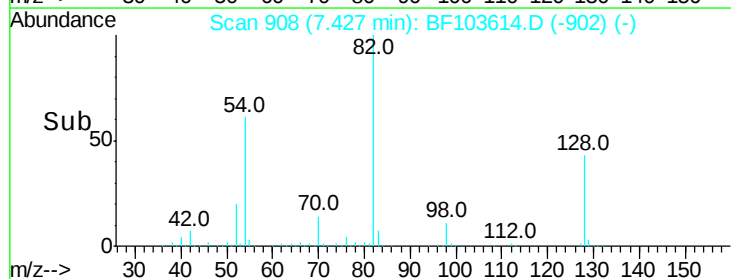
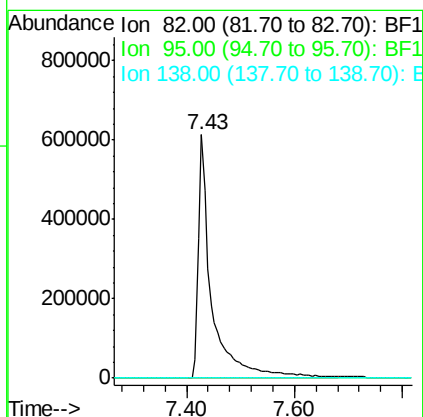
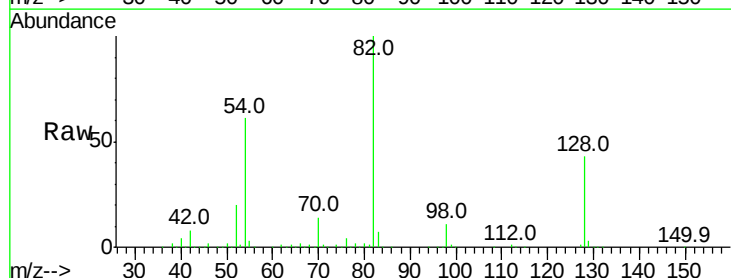
Instrument :
BNA_F
ClientSampleId :

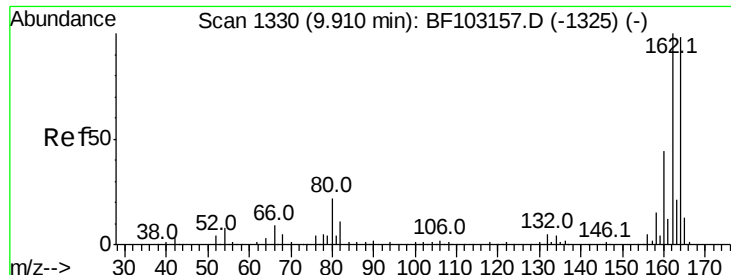
Tot Ion: 82 Resp: 1063134
Ion Ratio Lower Upper
82 100
128 42.7 36.1 54.1
54 61.0 41.4 62.2



#25
Isophorone
Concen: 54.190 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Tgt Ion: 82 Resp: 1063134
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

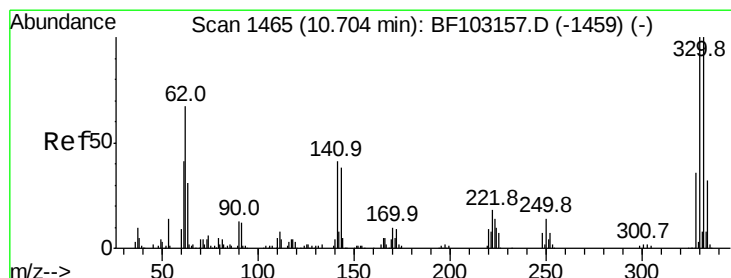
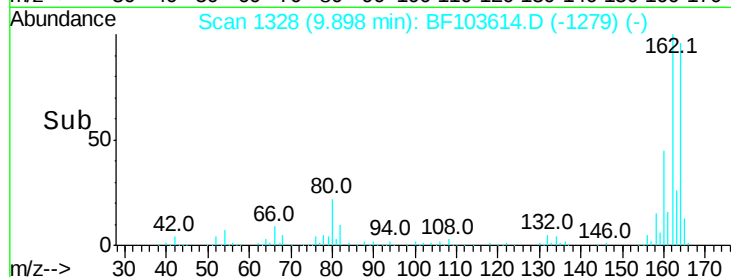
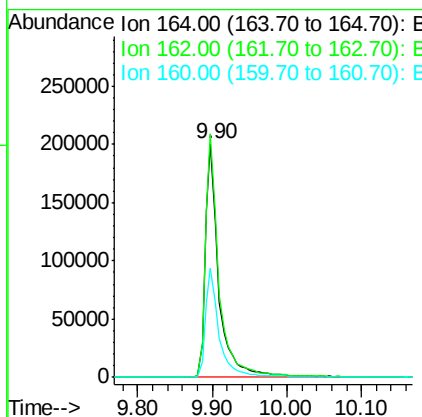
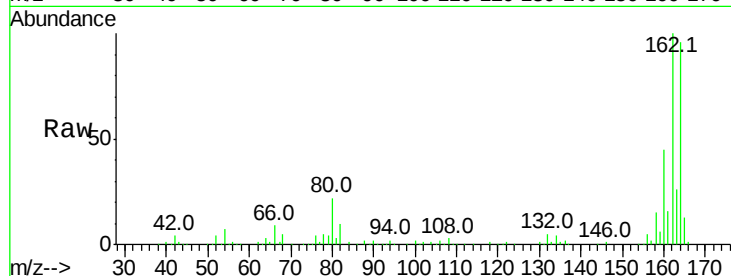




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

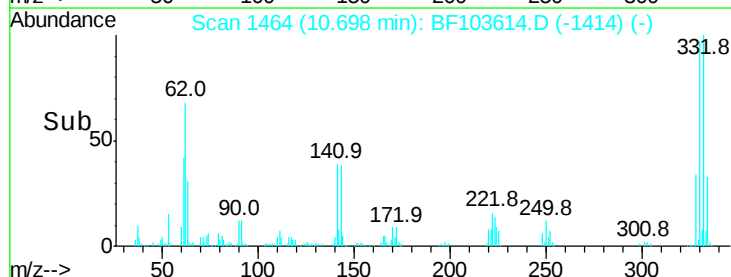
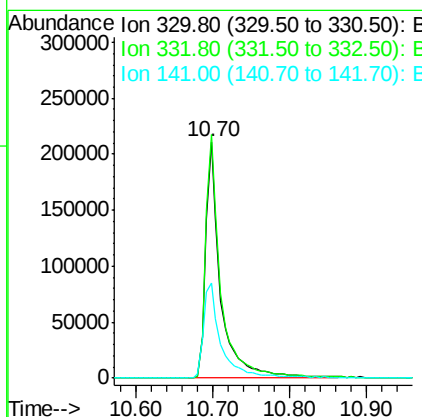
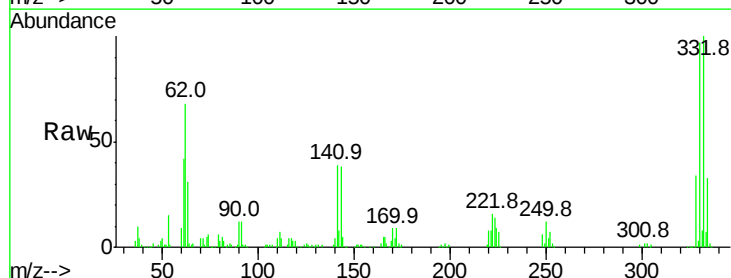
Instrument :
BNA_F
ClientSampleId :

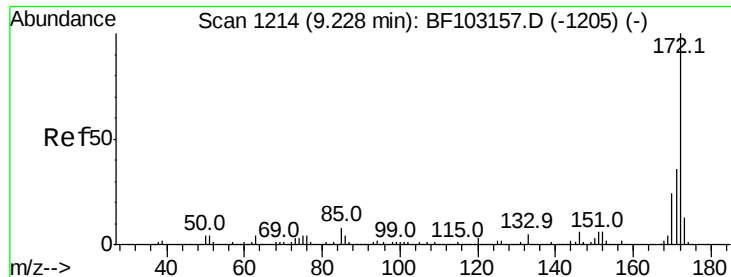
Tot Ion:164 Resp: 256937
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 46.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 131.722 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Tgt Ion:330 Resp: 286473
Ion Ratio Lower Upper
330 100
332 104.8 77.0 115.6
141 48.1 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 109.099 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

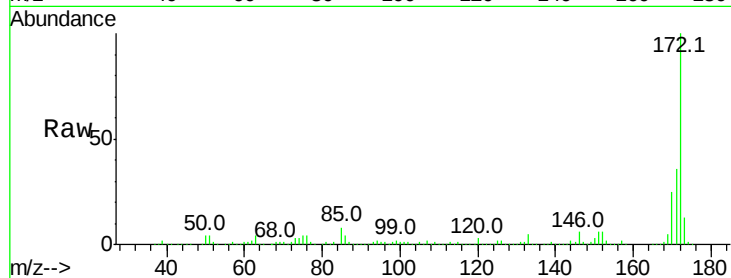
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1521937

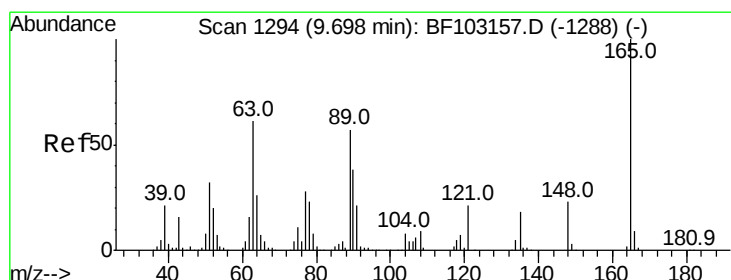
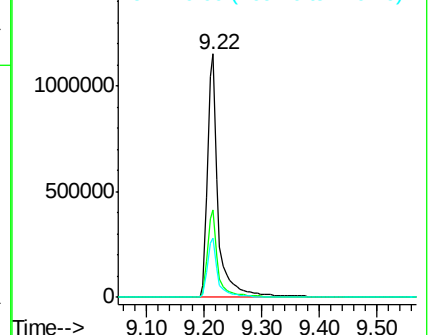
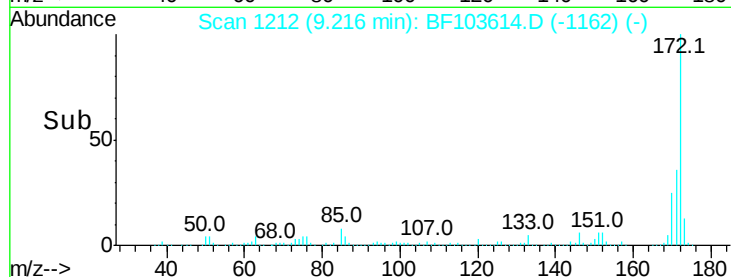
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4



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



#50

2,6-Dinitrotoluene

Concen: 7.630 ng

RT: 9.90 min Scan# 1328

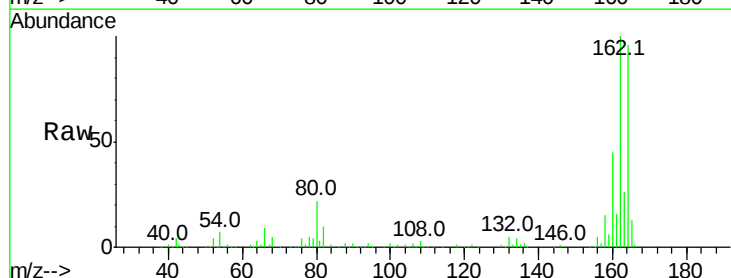
Delta R.T. 0.19 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

Tgt Ion:165 Resp: 33002

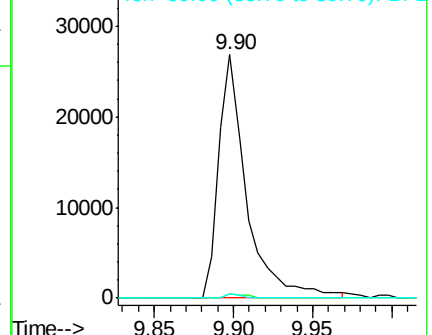
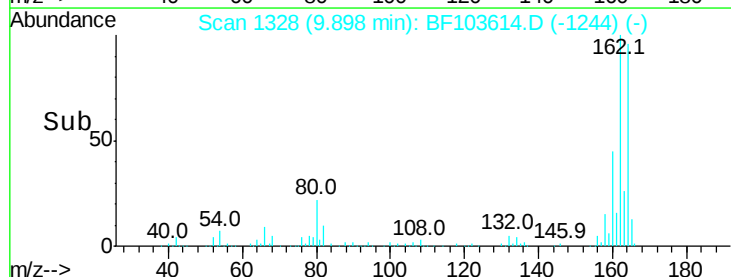
Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.7	44.0	66.0#

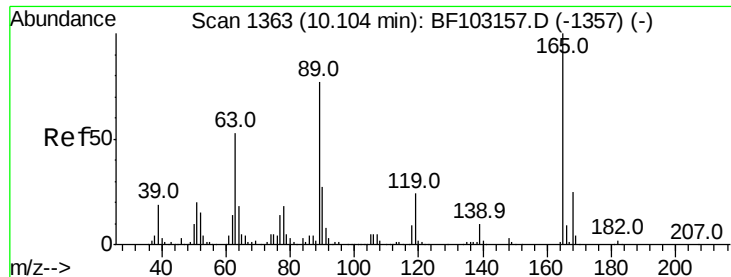


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

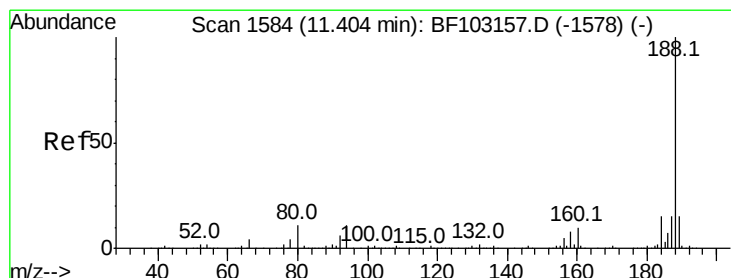
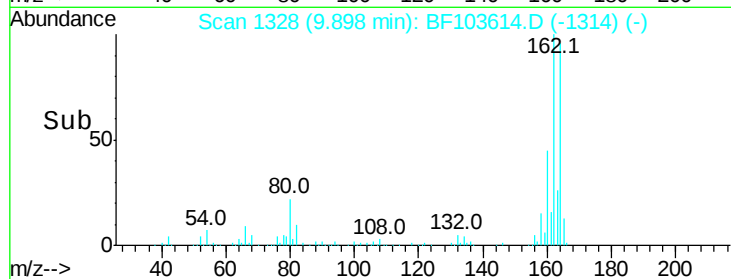
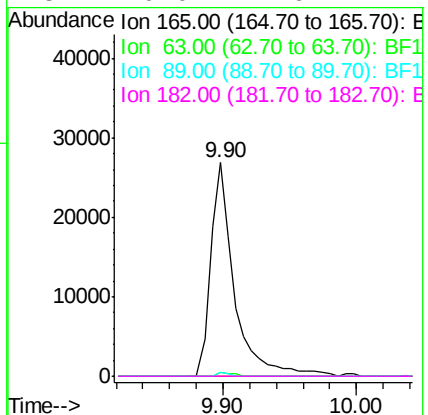
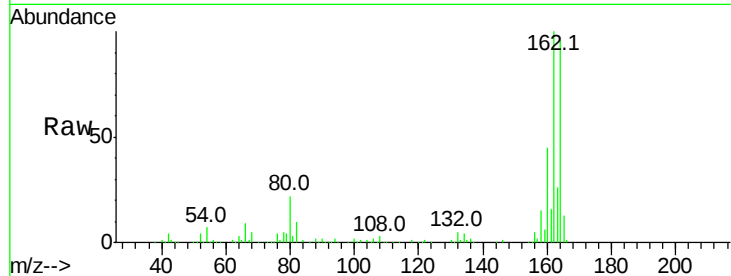




#56
 2,4-Dinitrotoluene
 Concen: 6.090 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

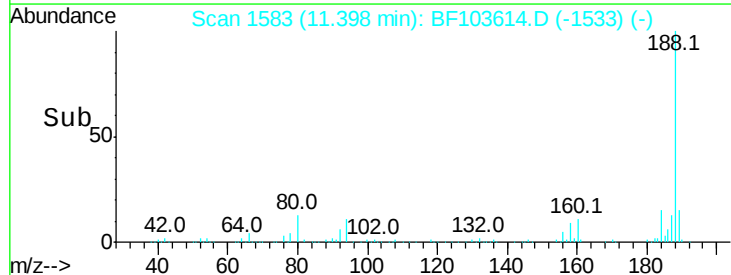
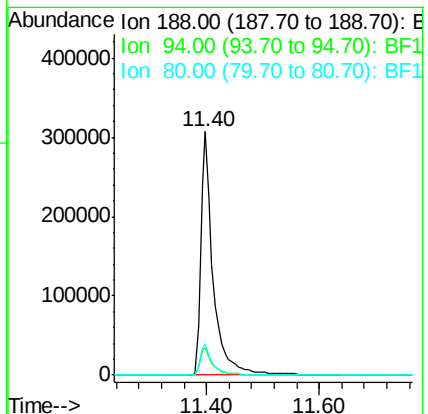
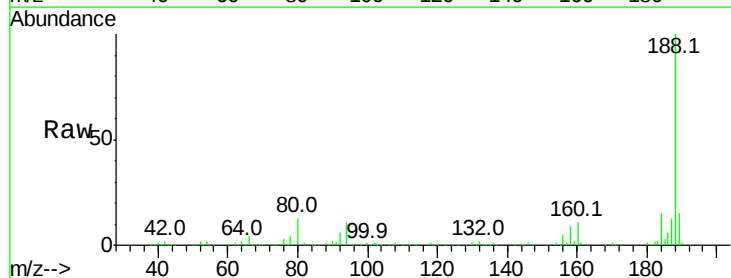
Instrument :
 BNA_F
 ClientSampleId :

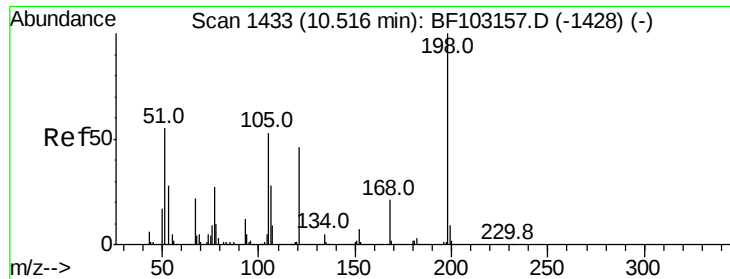
Tot Ion:	165	Resp:	33315
Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tgt Ion:	188	Resp:	463234
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.9	9.2	13.8

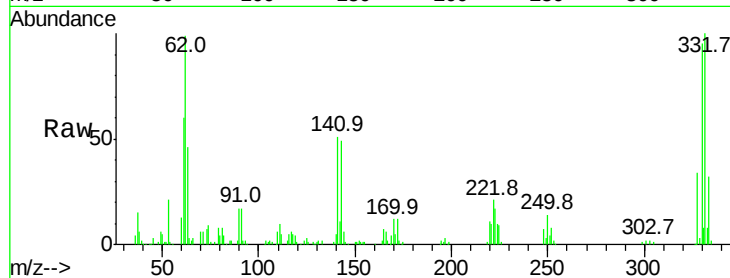




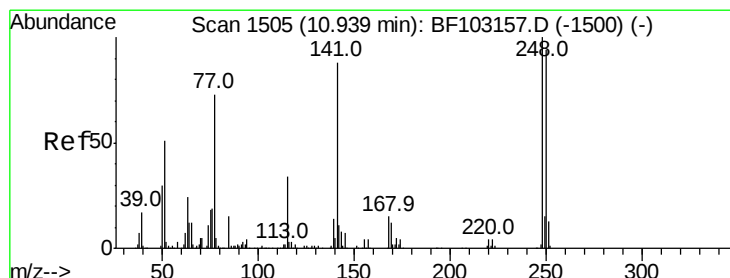
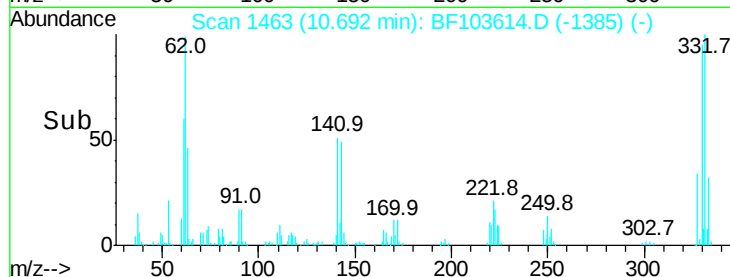
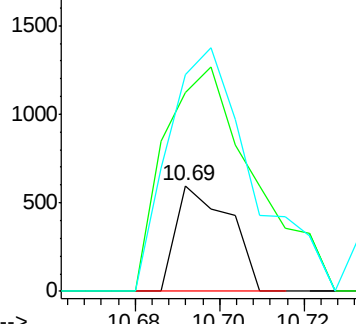
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.112 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.16 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 525
 Ion Ratio Lower Upper
 198 100
 51 188.3 37.7 77.7#
 105 205.4 36.3 76.3#

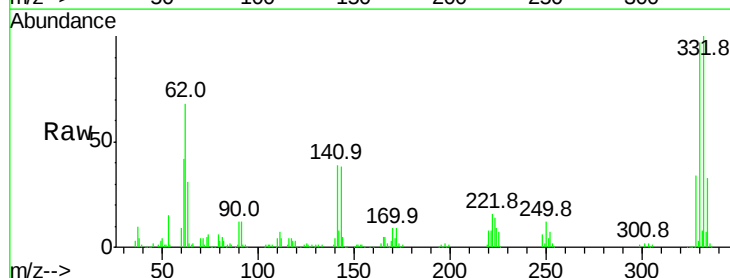


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

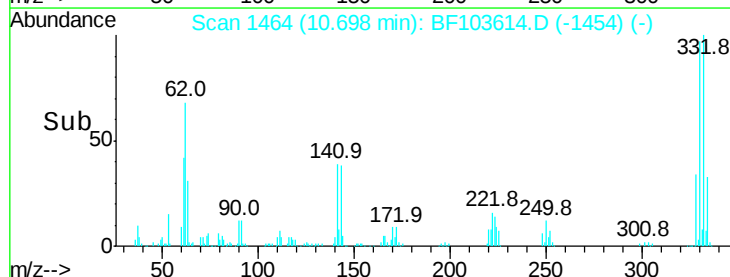
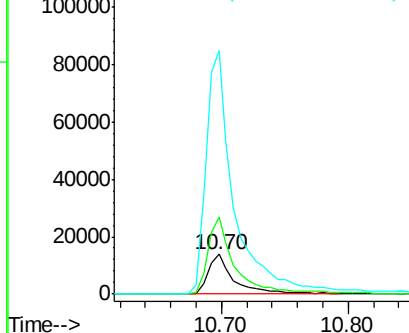


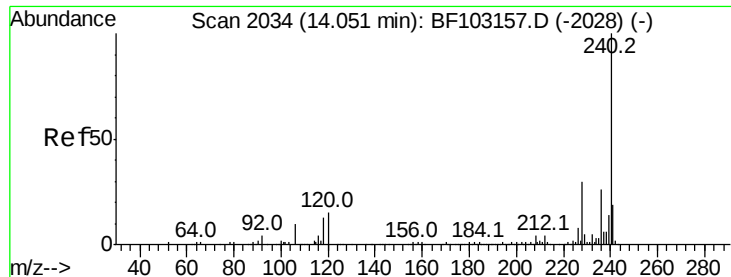
#66
 4-Bromophenyl-phenylether
 Concen: 4.069 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.24 min
 Lab File: BF103614.D
 Acq: 13 Mar 2018 19:42

Tgt Ion:248 Resp: 19637
 Ion Ratio Lower Upper
 248 100
 250 193.8 76.9 115.3#
 141 610.1 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

Instrument :

BNA_F

ClientSampled :

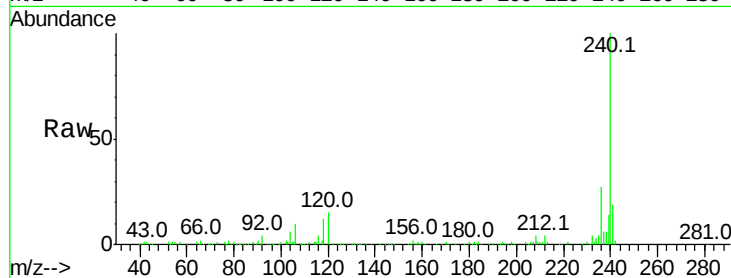
Tot Ion:240 Resp: 300880

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

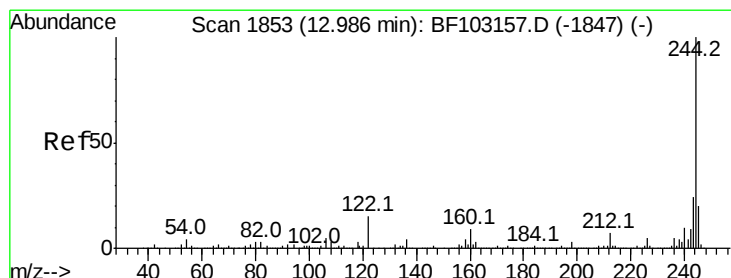
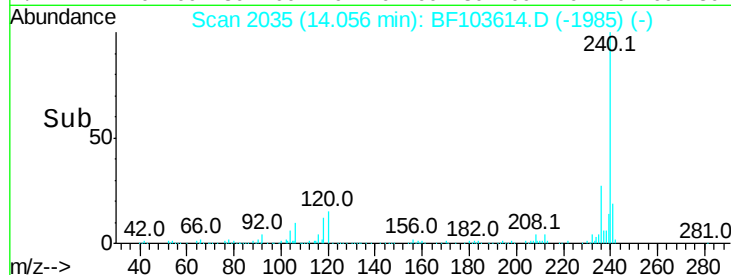
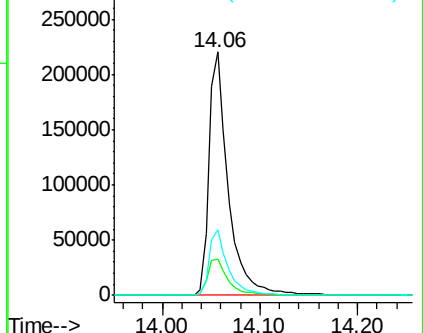
236 26.8 20.7 31.1



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: 100.280 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103614.D

Acq: 13 Mar 2018 19:42

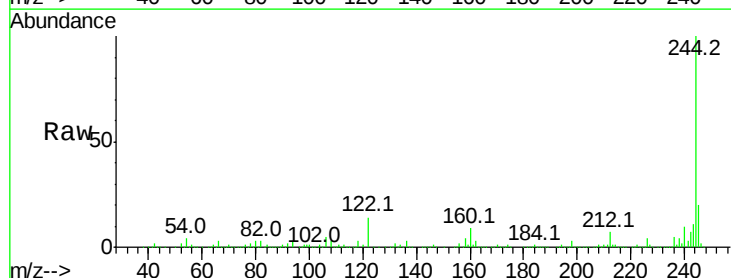
Tgt Ion:244 Resp: 1255150

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

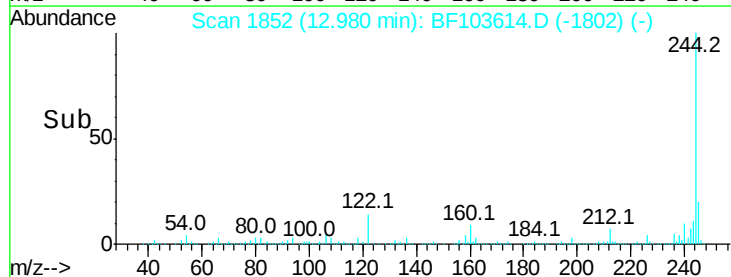
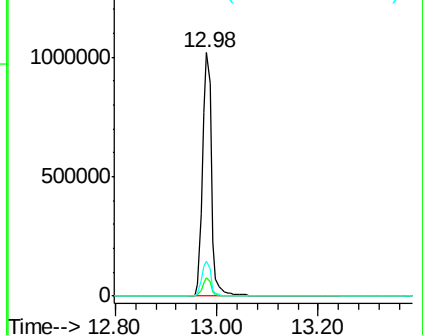
122 14.2 11.0 16.4

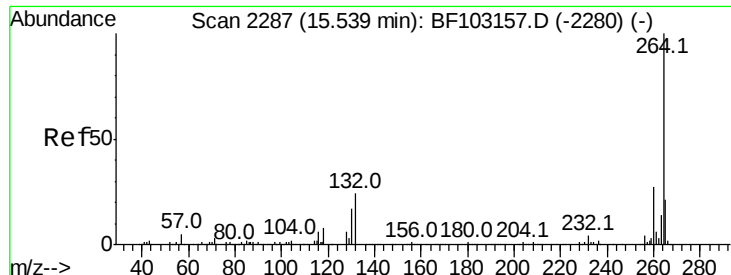


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

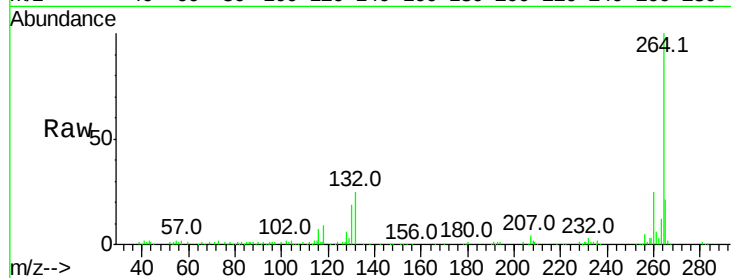




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103614.D
Acq: 13 Mar 2018 19:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	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

