

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103655.D
 Acq On : 14 Mar 2018 21:46
 Operator : SJ/JU
 Sample : J1898-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:01:55 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	122711	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	518607	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	213637	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	336978	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233679	20.00	ng	0.00
86) Perylene-d12	15.57	264	197059	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	478670	59.00	ng	0.00
7) Phenol-d6	6.51	99	386025	38.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	970313	106.85	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	209997	116.13	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1326331	116.87	ng	0.00
78) Terphenyl-d14	12.98	244	901126	92.70	ng	0.00

Target Compounds

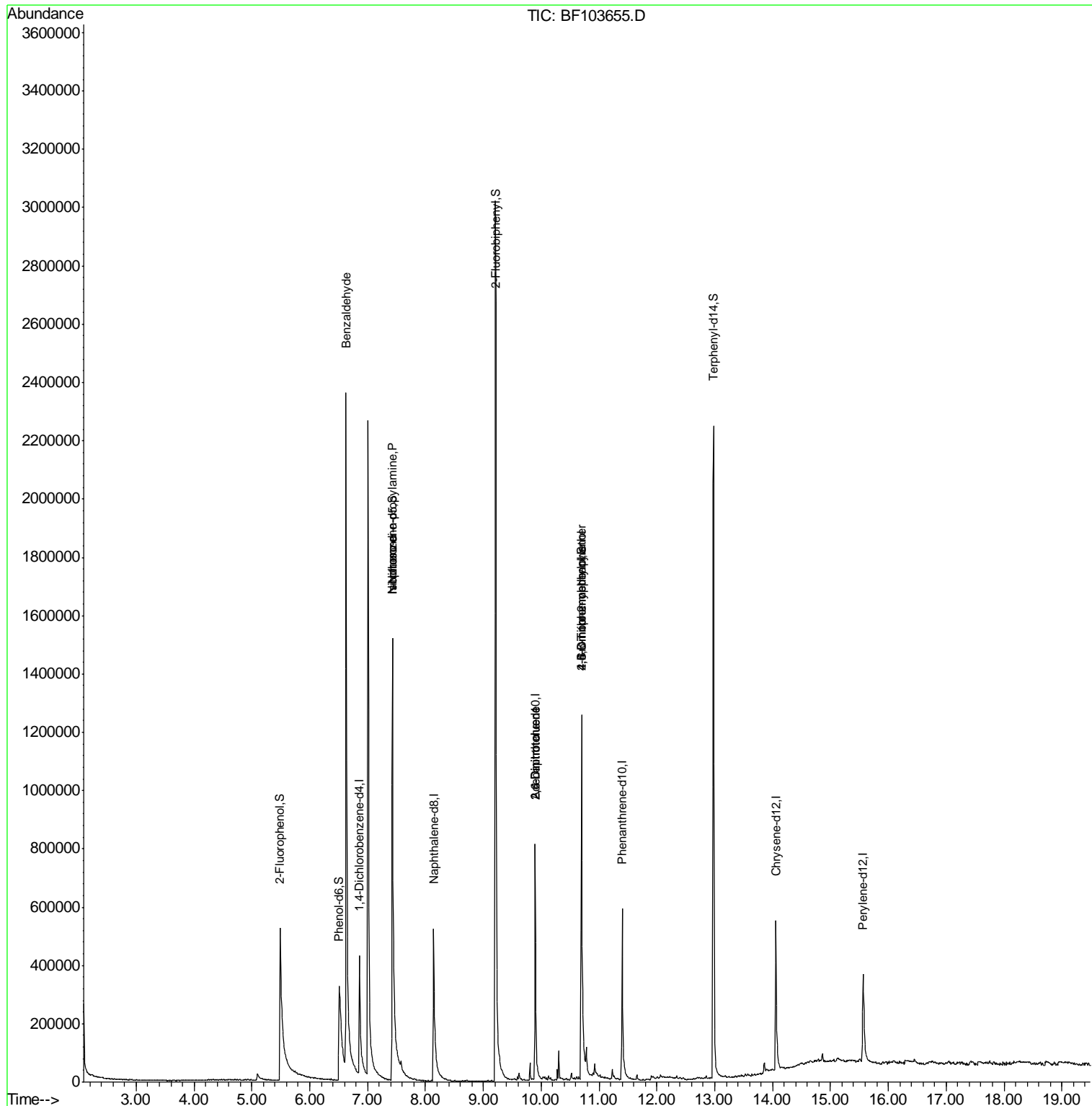
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.63	77	21544	2.337	ng	# 78
19) n-Nitroso-di-n-propylamine	7.43	70	116084	18.787	ng	# 83
25) Isophorone	7.43	82	981409	54.872	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	26503	7.369	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	27156	5.970	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	486	5.158	ng	# 69
66) 4-Bromophenyl-phenylether	10.70	248	14754	4.203	ng	# 1

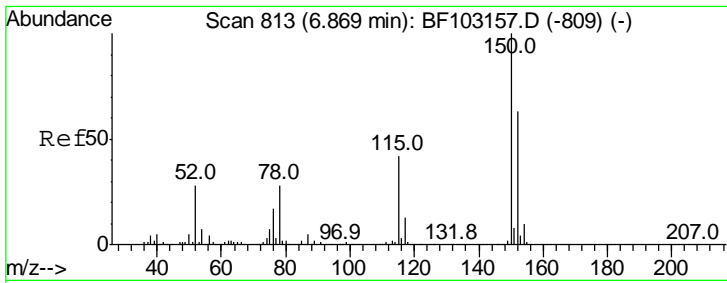
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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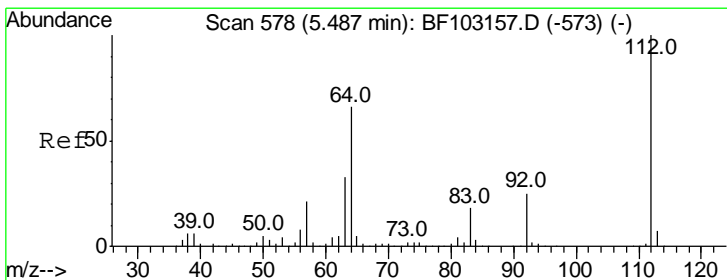
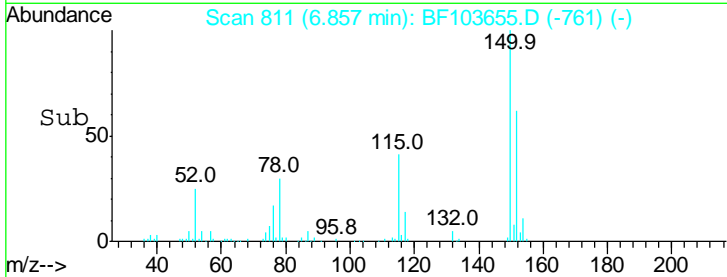
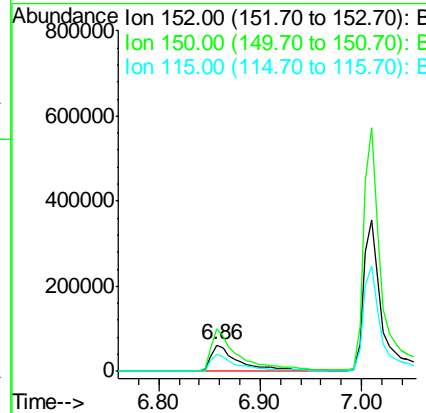
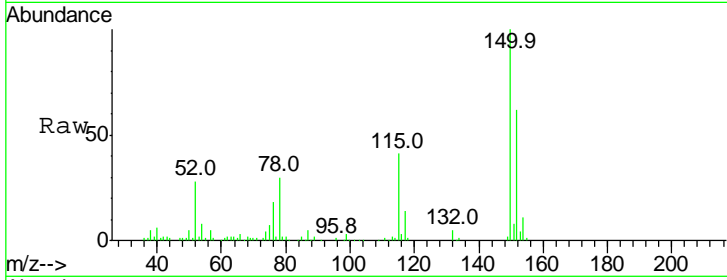




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

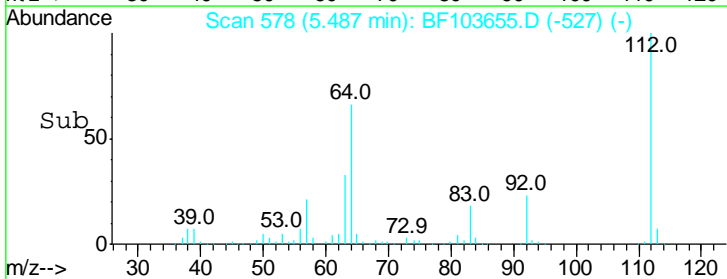
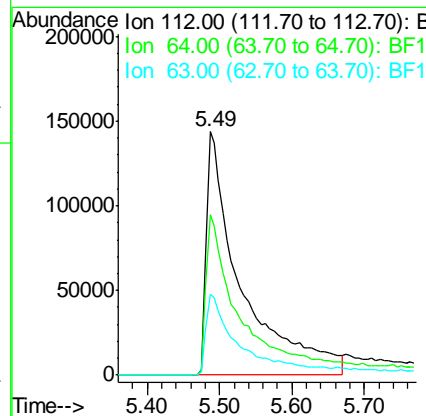
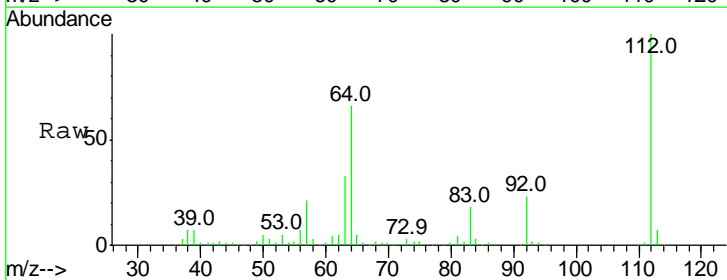
Instrument :
 BNA_F
 ClientSampled :

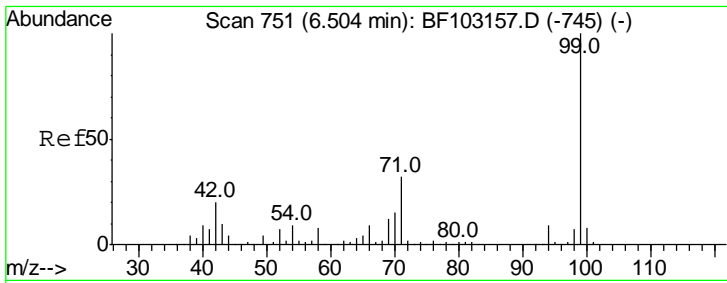
Tgt Ion	Resp	Lower	Upper
152	122711		
152	100		
150	161.1	124.6	186.8
115	65.9	50.1	75.1



#5
 2-Fluorophenol
 Concen: 58.997 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
112	478670		
112	100		
64	65.9	47.9	71.9
63	33.5	23.7	35.5

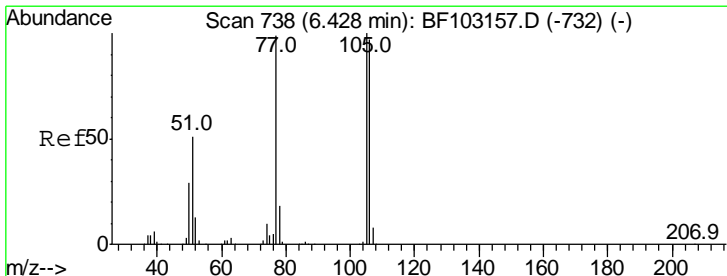
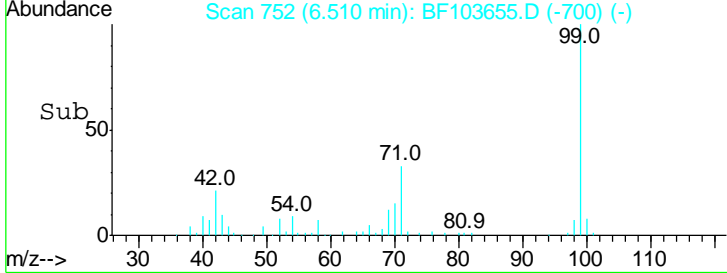
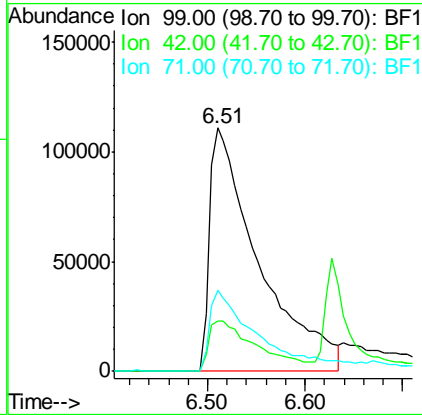
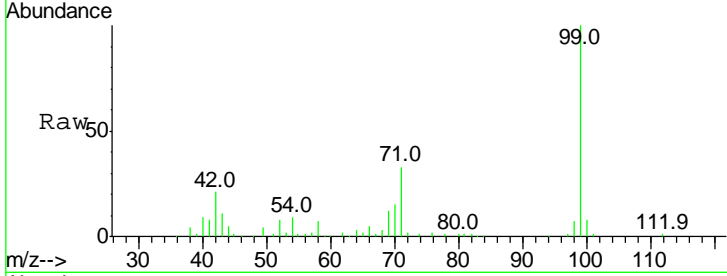




#7
 Phenol-d6
 Concen: 38.882 ng
 RT: 6.51 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

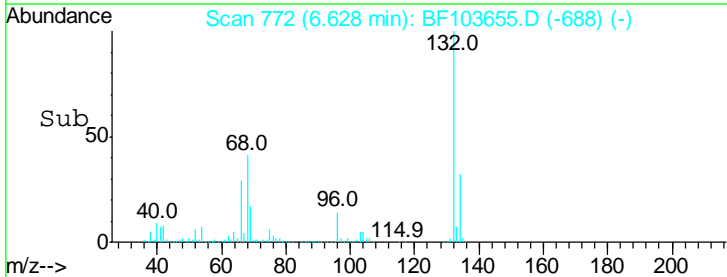
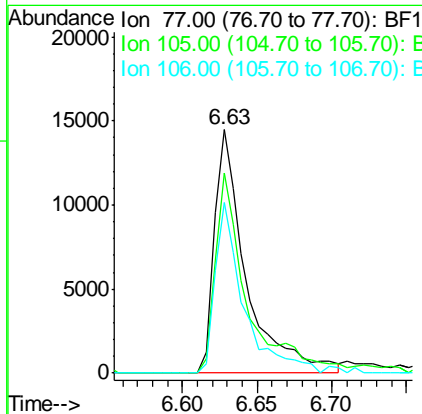
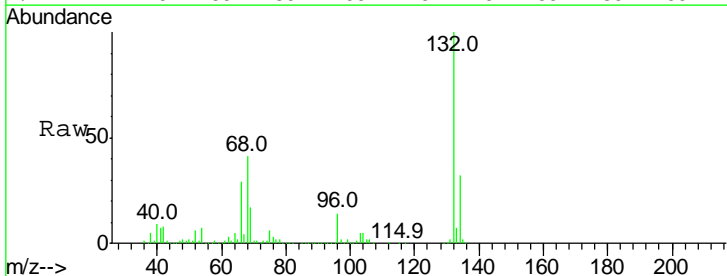
Instrument :
 BNA_F
 ClientSampled :

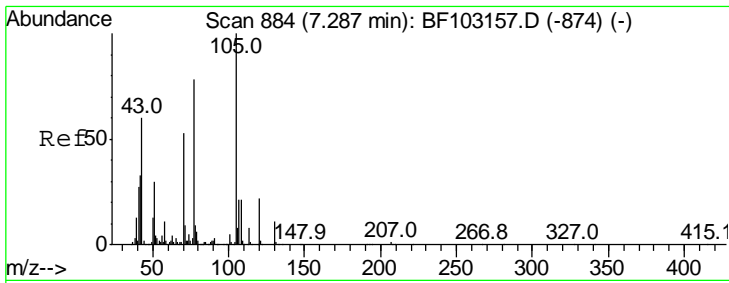
Tgt Ion	Resp	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.2	25.4	38.0



#9
 Benzaldehyde
 Concen: 2.337 ng
 RT: 6.63 min Scan# 772
 Delta R.T. 0.19 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
77	100		
105	82.4	81.1	121.1
106	70.3	74.5	114.5#

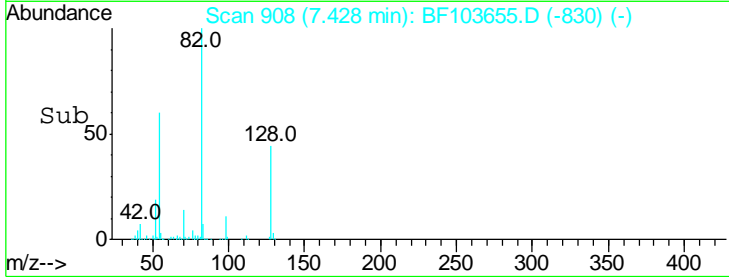
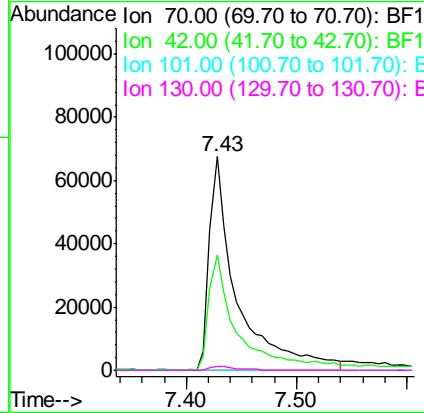
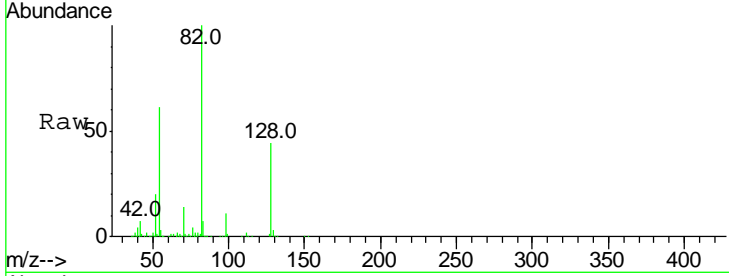




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.787 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.16 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

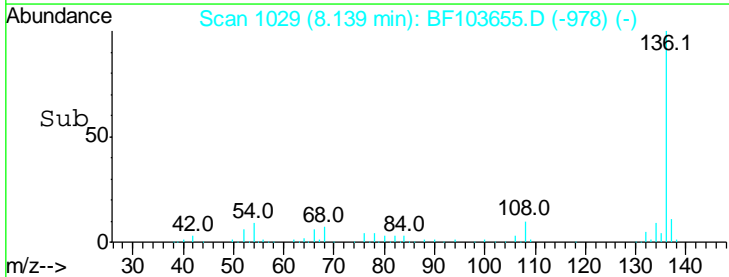
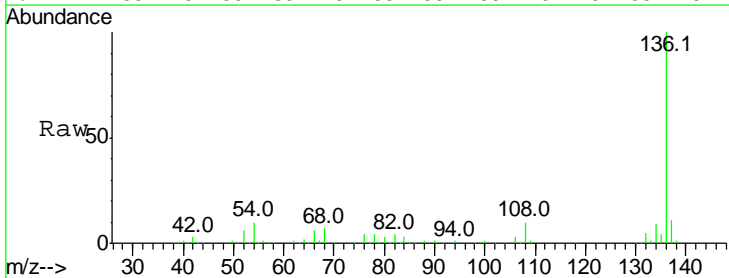
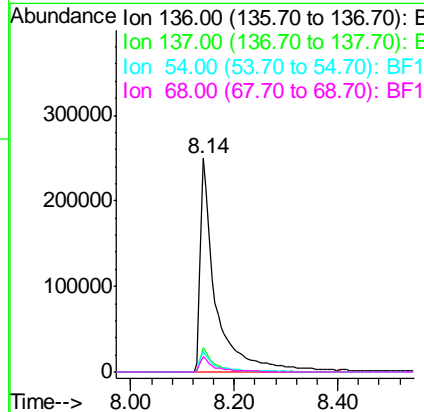
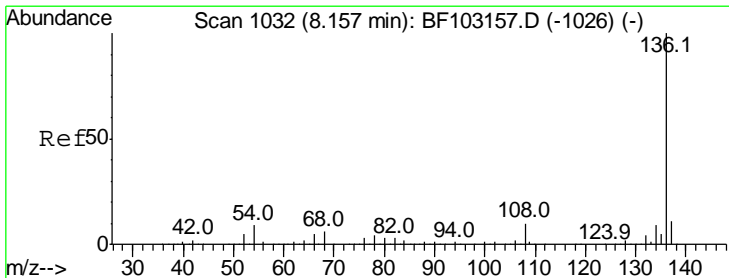
Instrument :
 BNA_F
 ClientSampled :

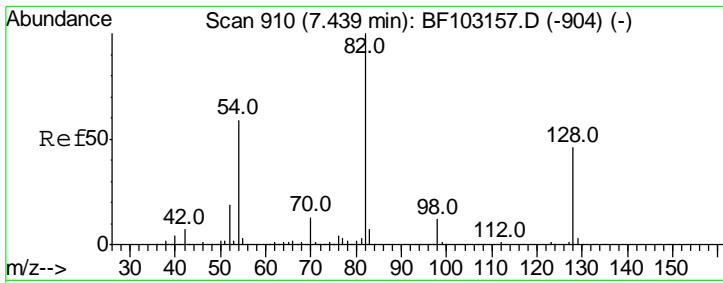
Tgt Ion	Resp	Lower	Upper
70	116084		
70	100		
42	53.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
136	518607		
136	100		
137	11.3	8.9	13.3
54	9.7	6.6	9.8
68	7.1	5.0	7.4

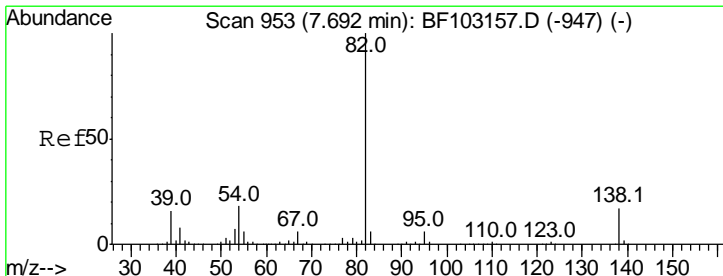
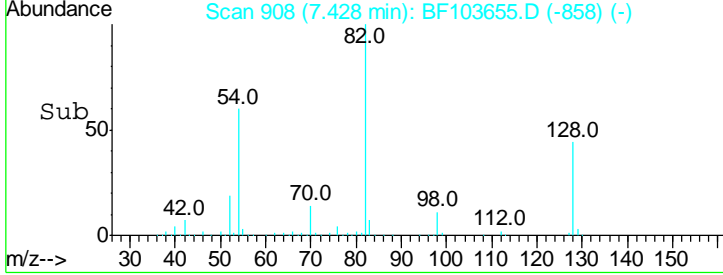
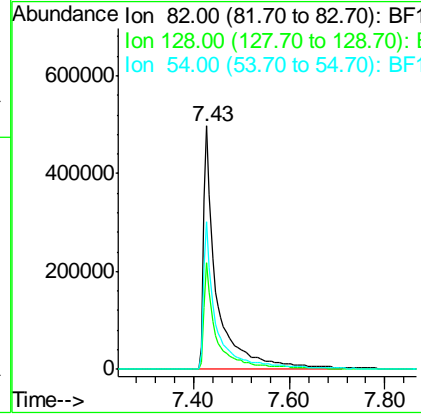
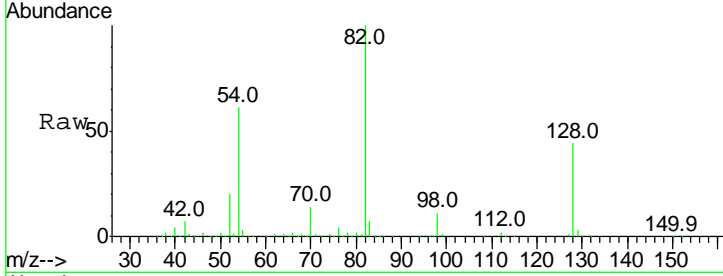




#23
 Nitrobenzene-d5
 Concen: 106.850 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

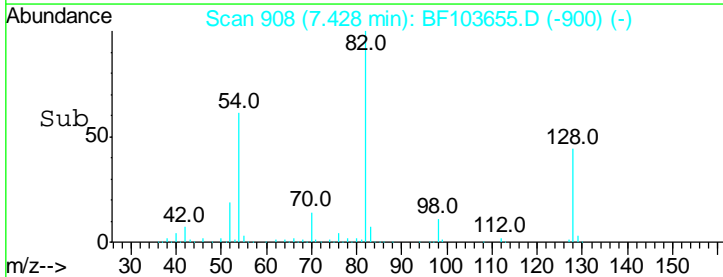
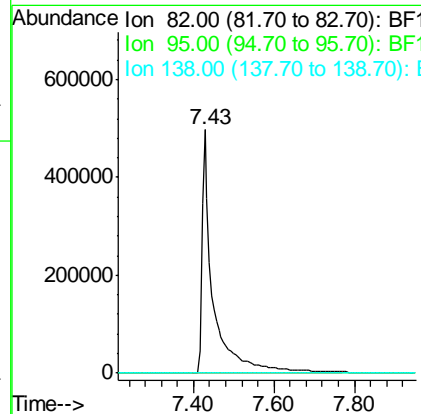
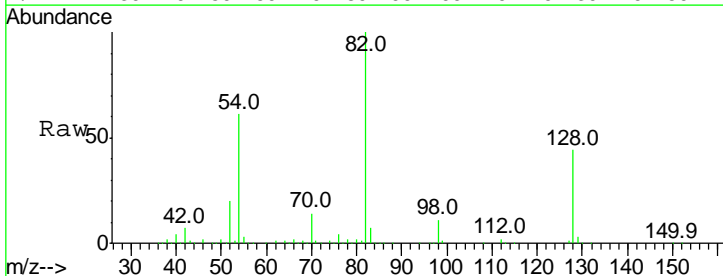
Instrument :
 BNA_F
 ClientSampleId :

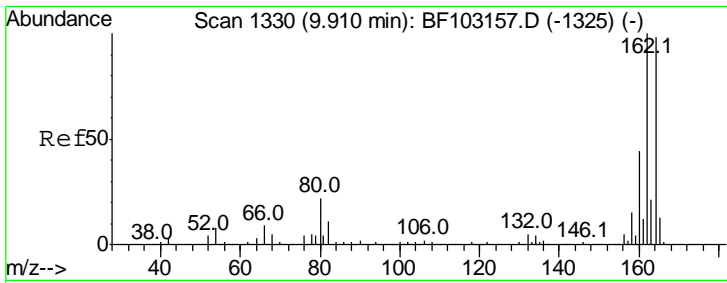
Tgt Ion	Resp	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	60.6	41.4	62.2



#25
 Isophorone
 Concen: 54.872 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.25 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

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

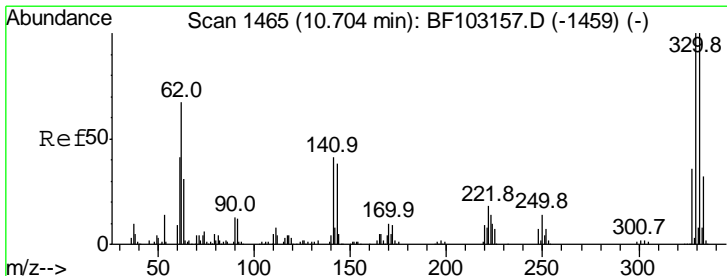
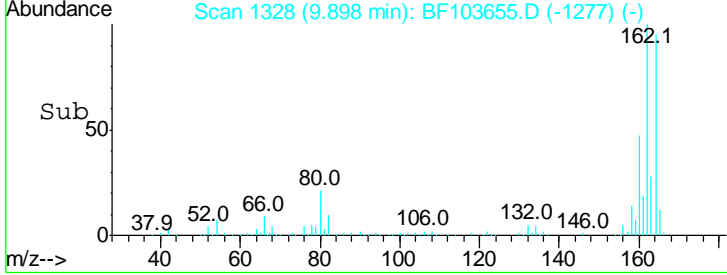
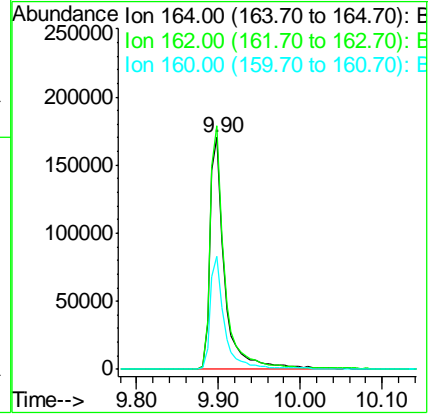
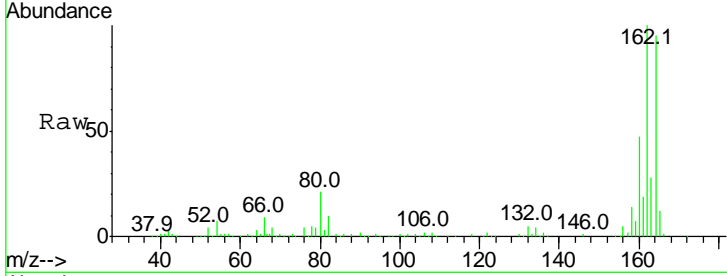




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

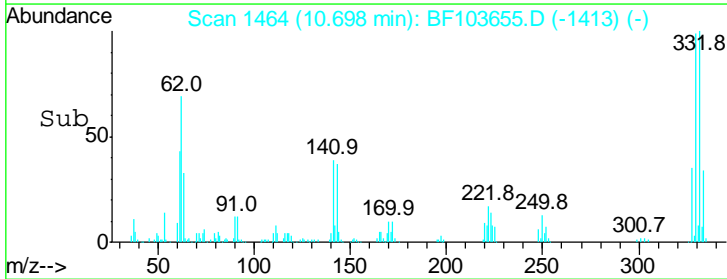
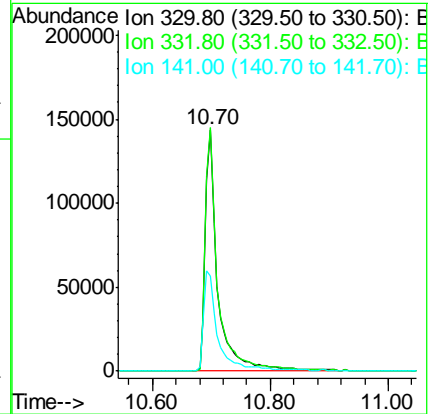
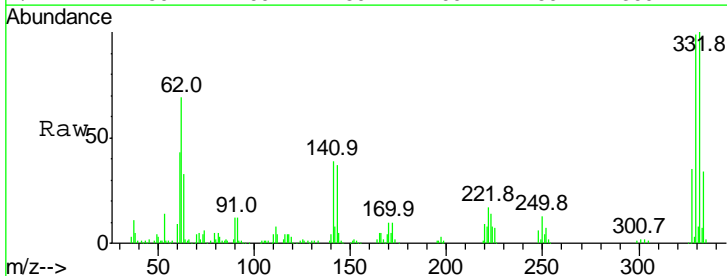
Instrument :
 BNA_F
 ClientSampled :

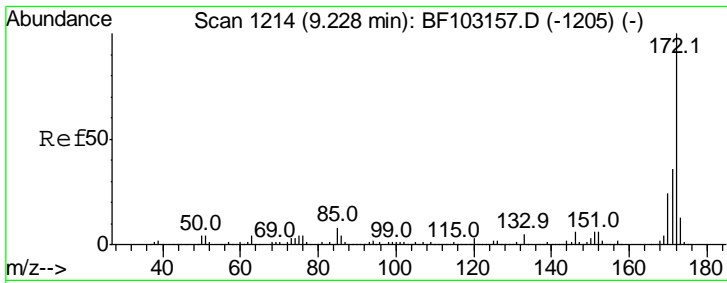
Tgt Ion	Resp	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.128 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	47.9	29.9	44.9#



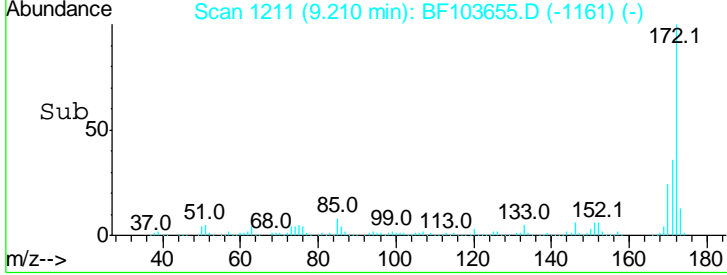
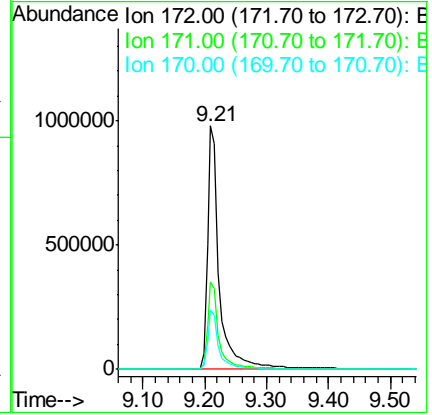
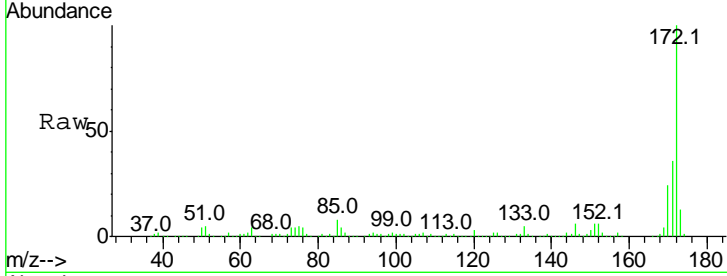


#44
 2-Fluorobiphenyl
 Concen: 116.870 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:172 Resp: 1326331

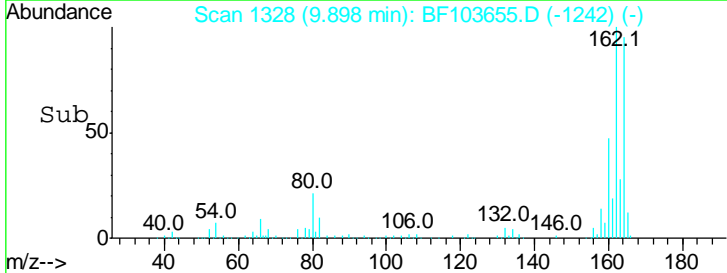
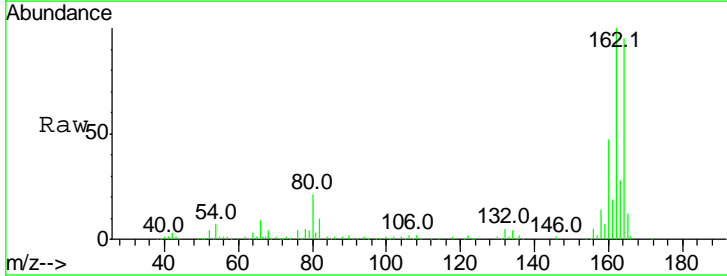
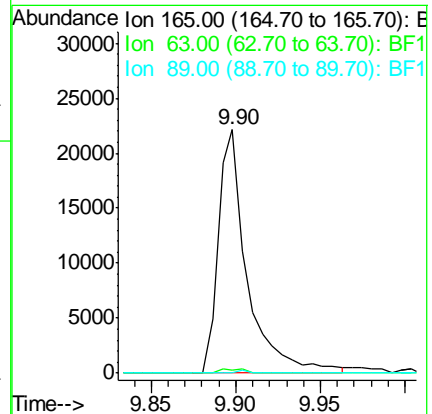
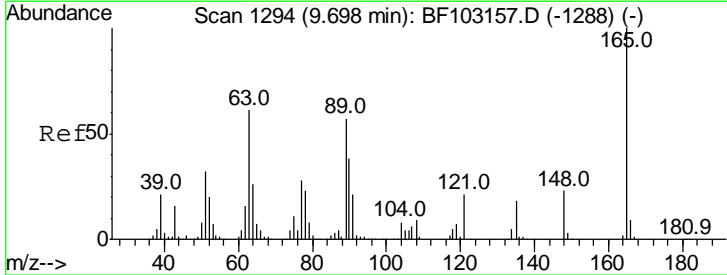
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4

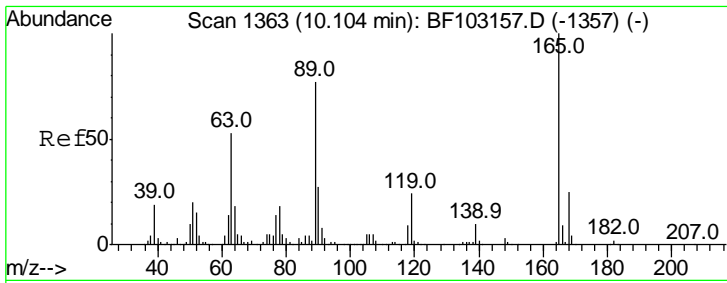


#50
 2,6-Dinitrotoluene
 Concen: 7.369 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion:165 Resp: 26503

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#

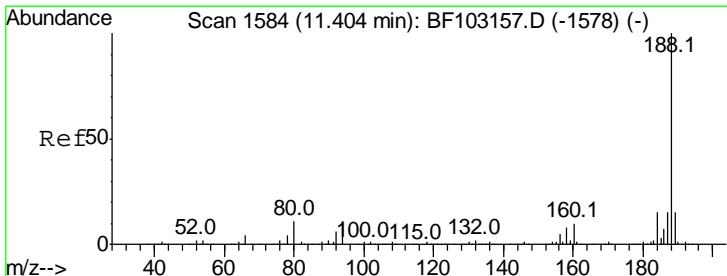
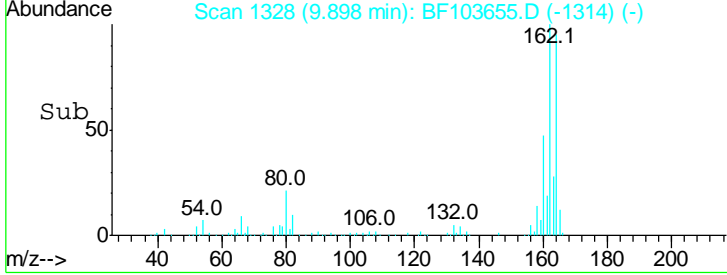
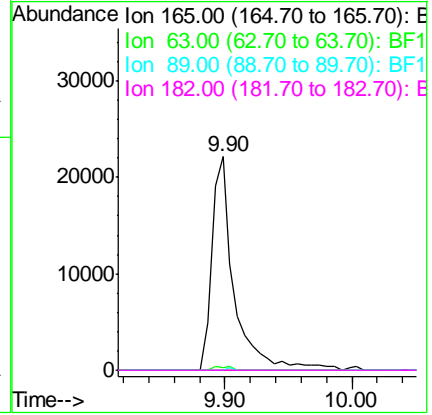
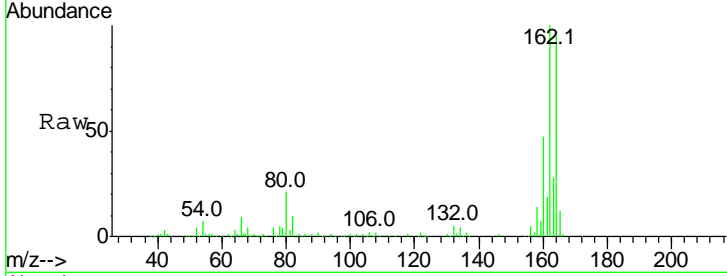




#56
 2,4-Dinitrotoluene
 Concen: 5.970 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

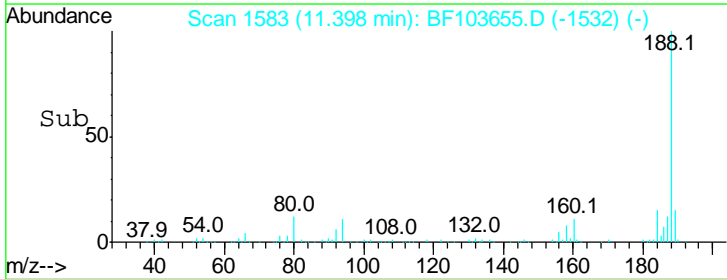
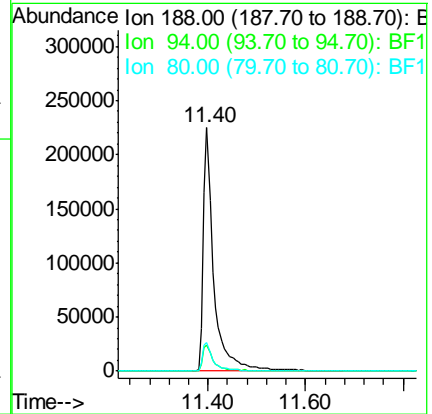
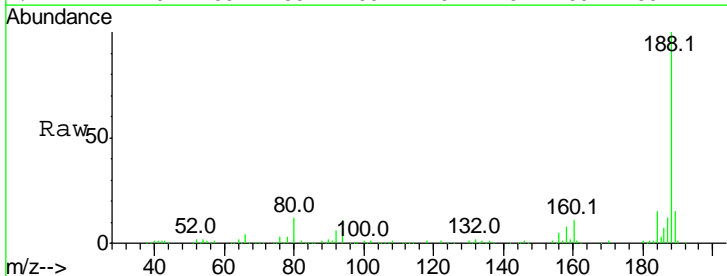
Instrument :
 BNA_F
 ClientSampled :

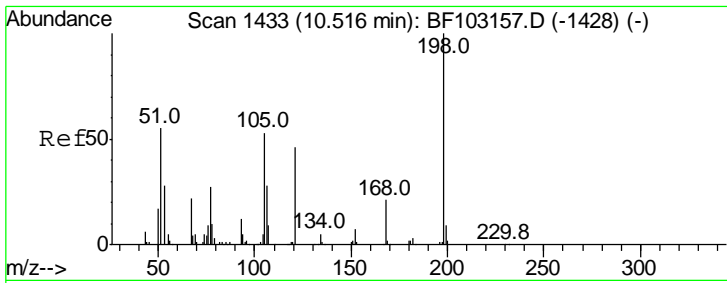
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.7	9.2	13.8

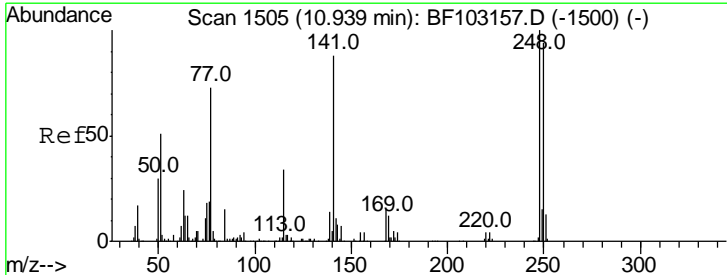
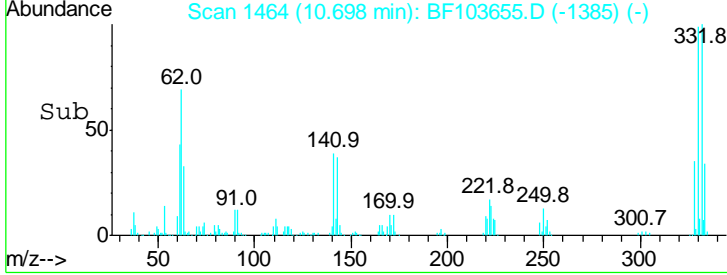
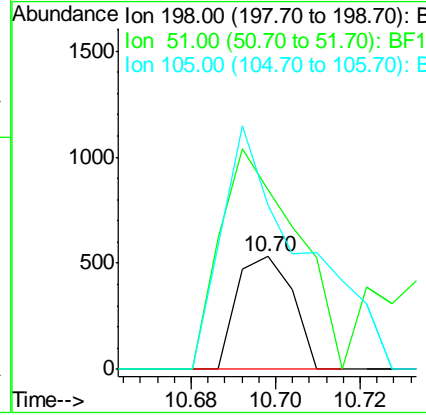
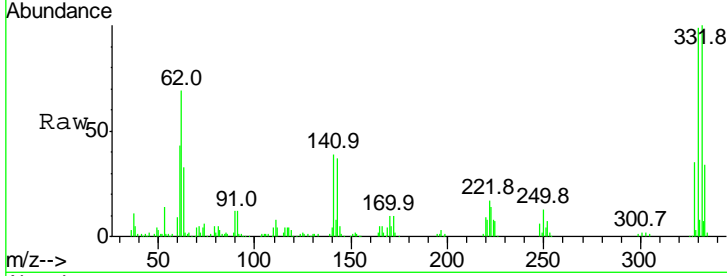




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.158 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.16 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

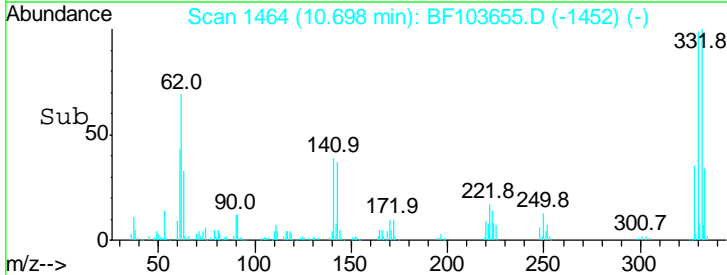
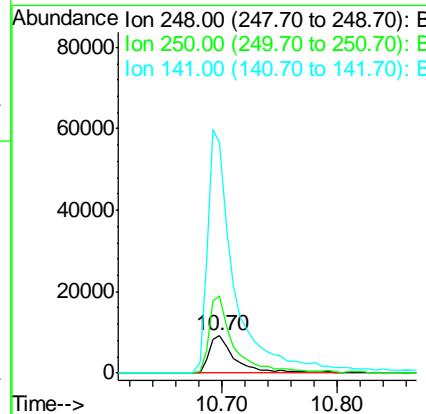
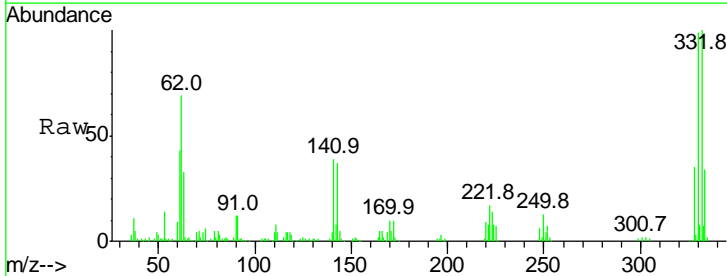
Instrument :
 BNA_F
 ClientSampled :

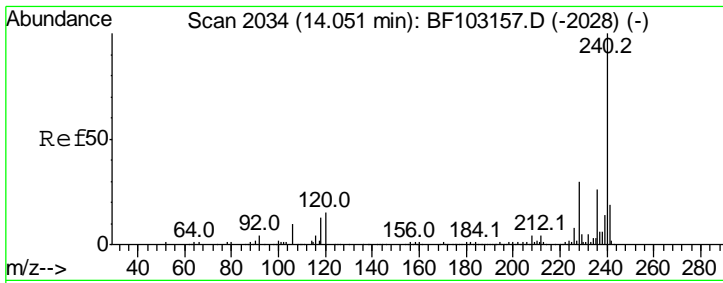
Tgt Ion	Resp	Lower	Upper
198	100		
51	35.7	37.7	77.7#
105	32.5	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.203 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.23 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
248	100		
250	204.8	76.9	115.3#
141	617.2	74.4	111.6#

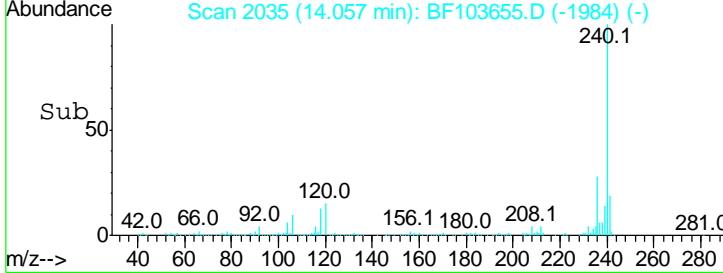
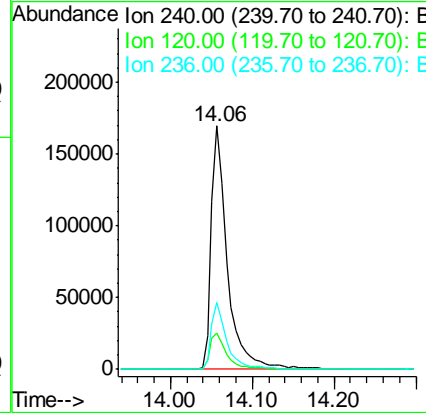
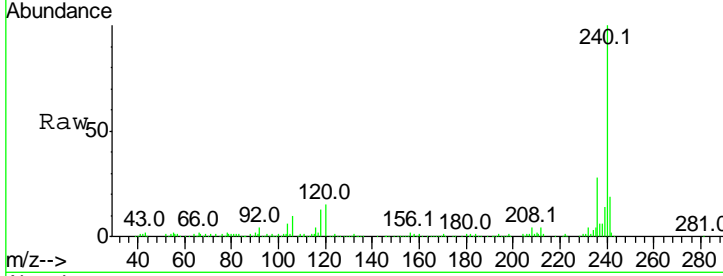




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

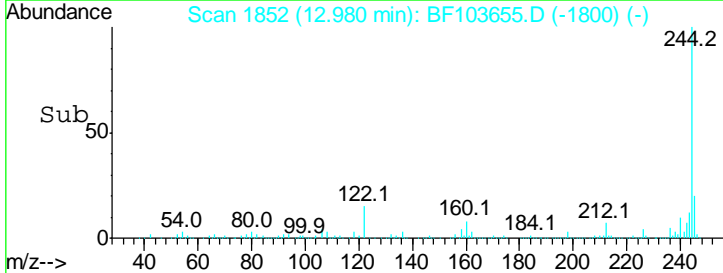
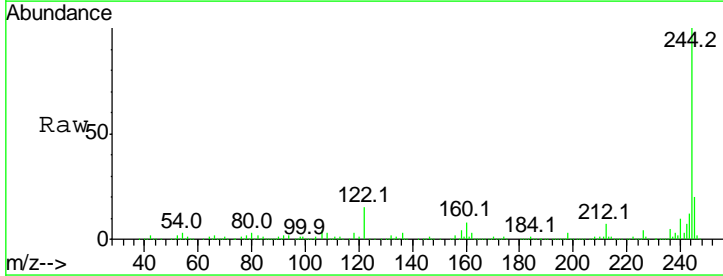
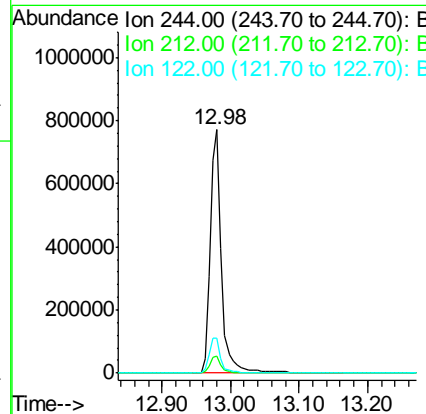
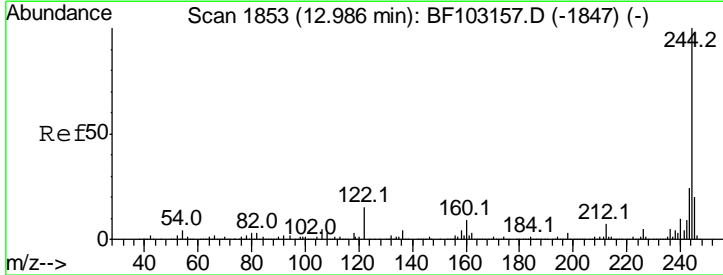
Instrument :
 BNA_F
 ClientSampled :

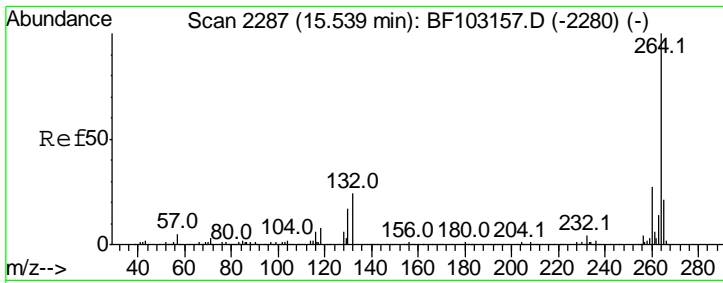
Tgt Ion	Resp	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	27.7	20.7	31.1



#78
 Terphenyl-d14
 Concen: 92.699 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103655.D
 Acq: 14 Mar 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 197059

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	20.6	17.5	26.3

