

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103625.D
 Acq On : 14 Mar 2018 2:50
 Operator : SJ/JU
 Sample : J1896-01 50X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 04:50:29 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

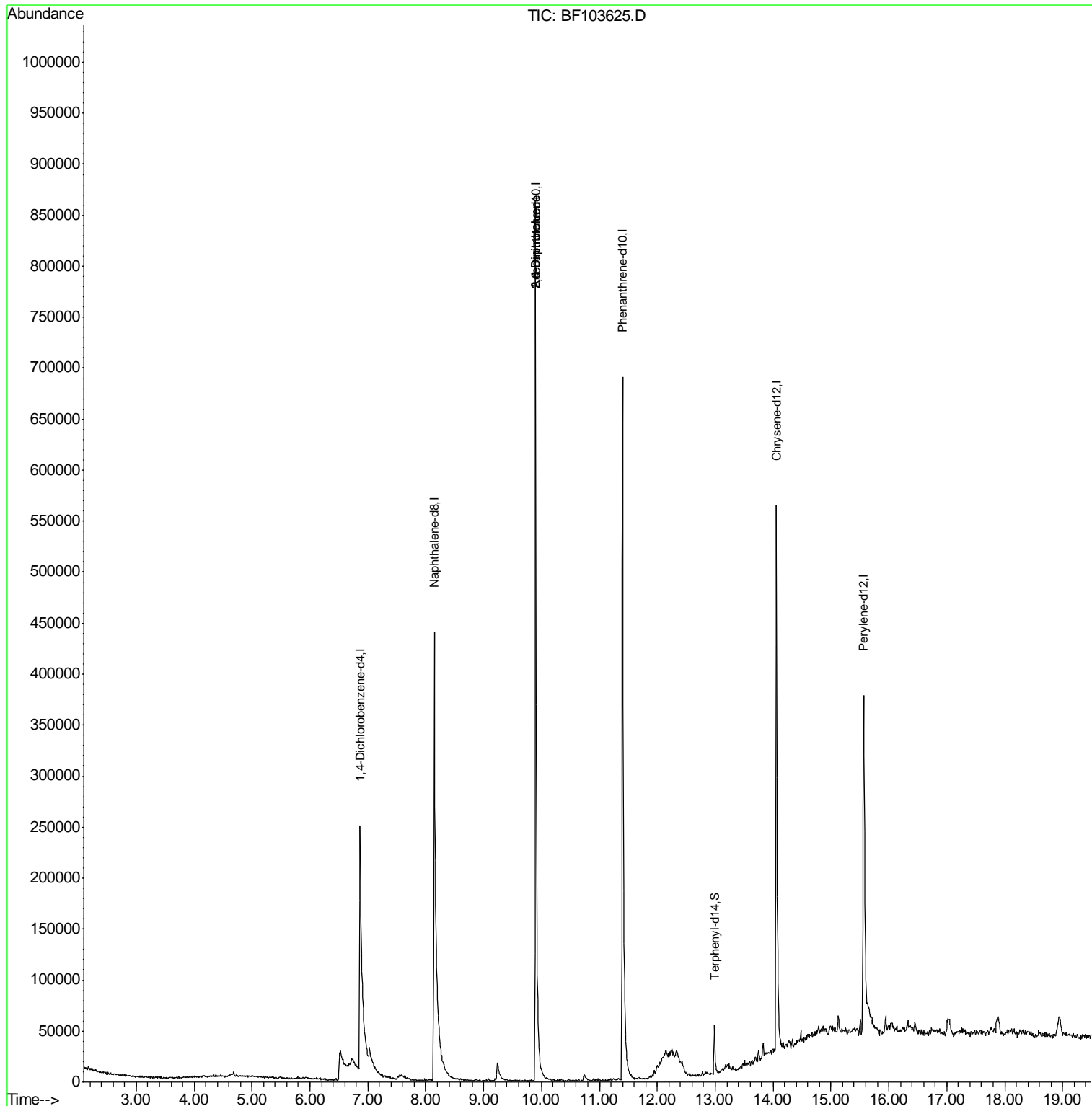
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115331	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	586644	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	262054	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	461518	20.00	ng	0.00
75) Chrysene-d12	14.06	240	263608	20.00	ng	0.00
86) Perylene-d12	15.57	264	236345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.70	99	5706	0.61	ng	0.19
23) Nitrobenzene-d5	7.54	82	2685	0.26	ng	0.10
41) 2,4,6-Tribromophenol	10.74	330	2071	0.93	ng	0.04
44) 2-Fluorobiphenyl	9.23	172	24271	-1.00	ng	0.01
78) Terphenyl-d14	12.99	244	22837	2.08	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.90	165	31571	7.156	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	32210	5.773	ng	# 23

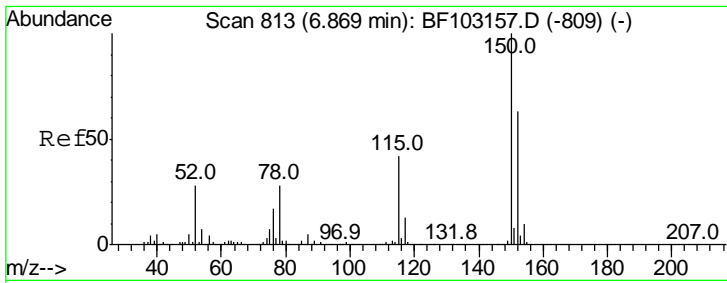
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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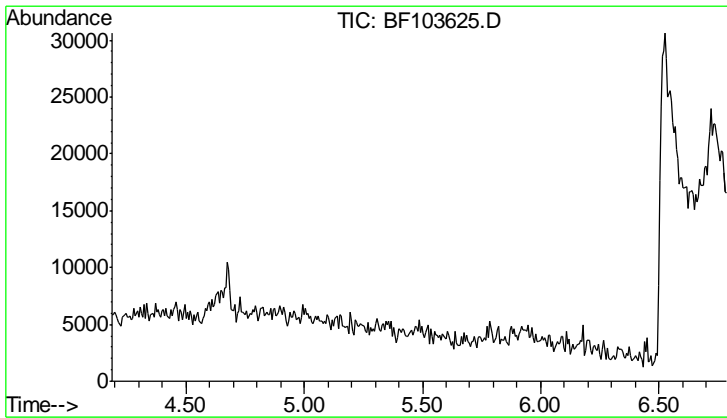
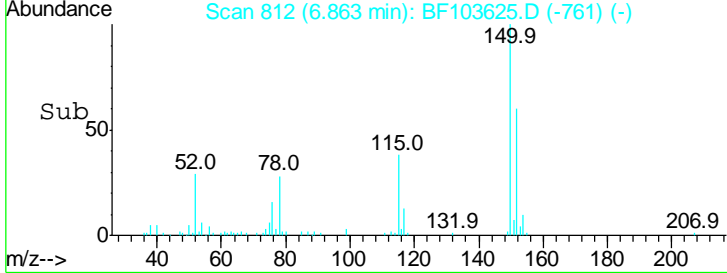
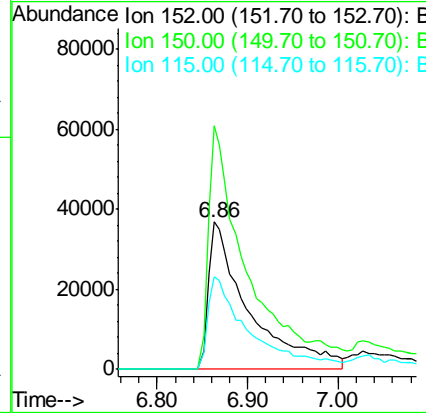
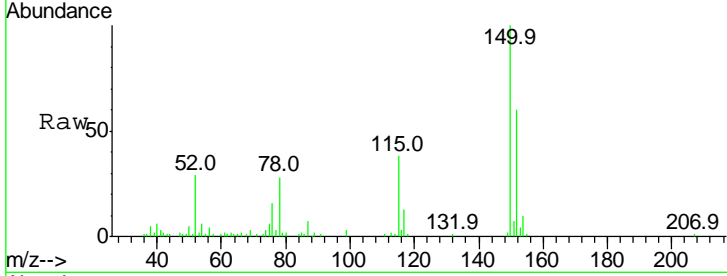




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

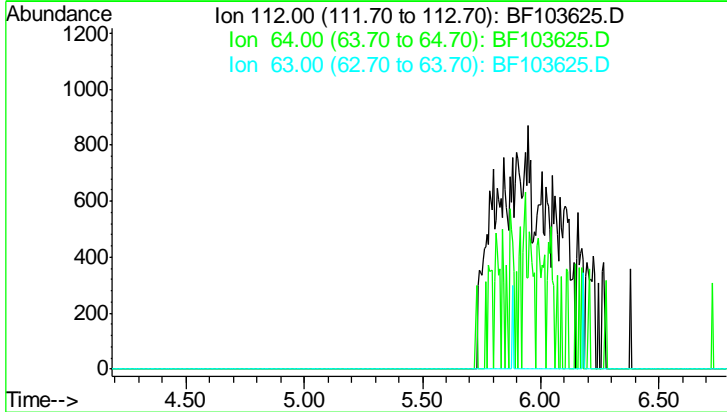
Instrument :
 BNA_F
 ClientSampled :

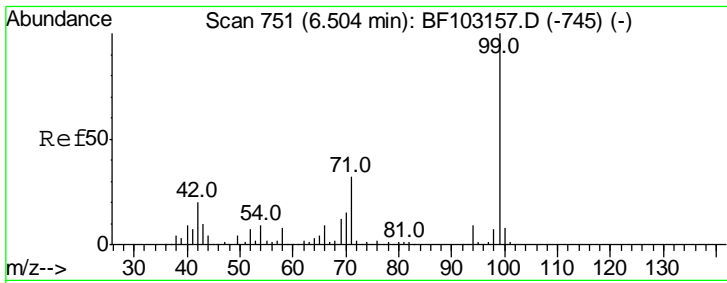
Tgt Ion	Resp	Lower	Upper
152	100		
150	165.3	124.6	186.8
115	63.2	50.1	75.1



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion	Exp Ratio
112	100
64	59.9
63	29.6

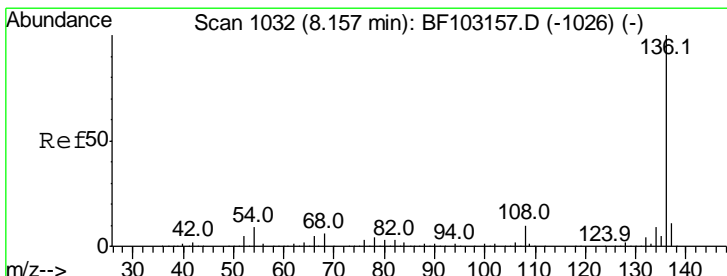
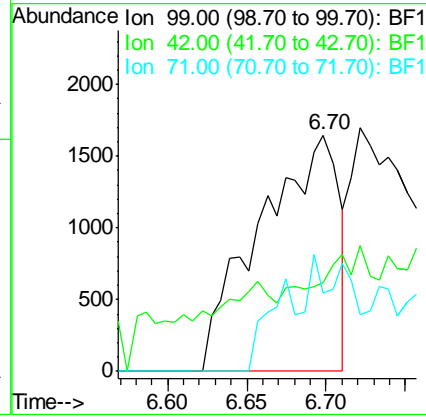
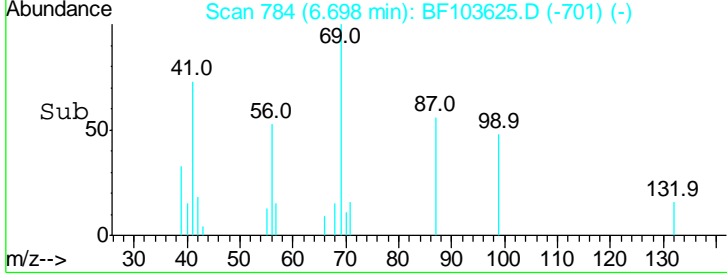
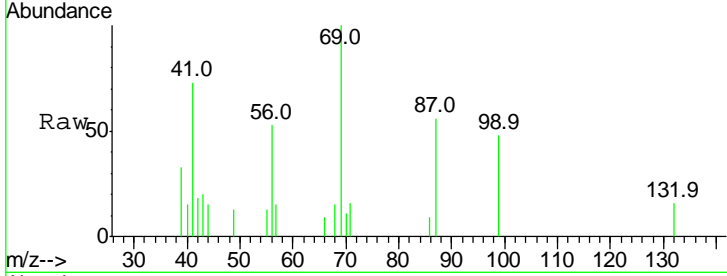




#7
 Phenol-d6
 Concen: 0.612 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.19 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

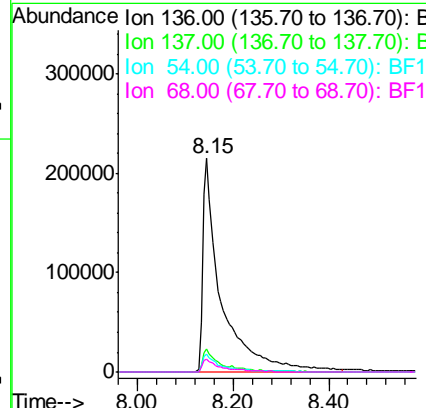
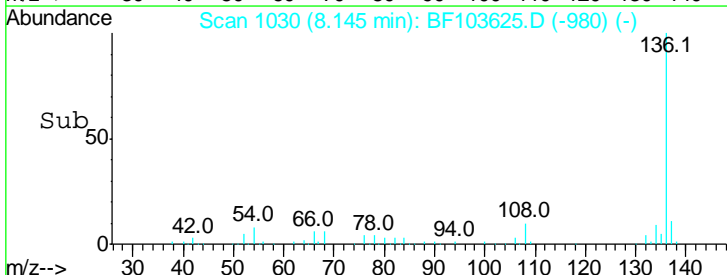
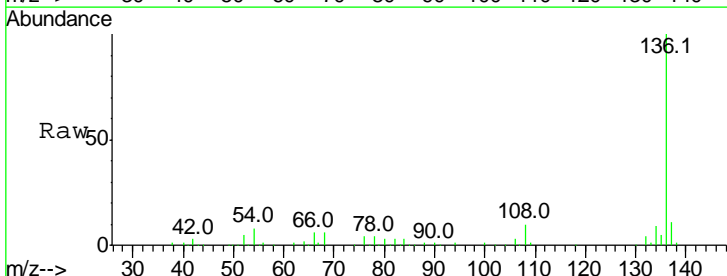
Instrument :
 BNA_F
 ClientSampled :

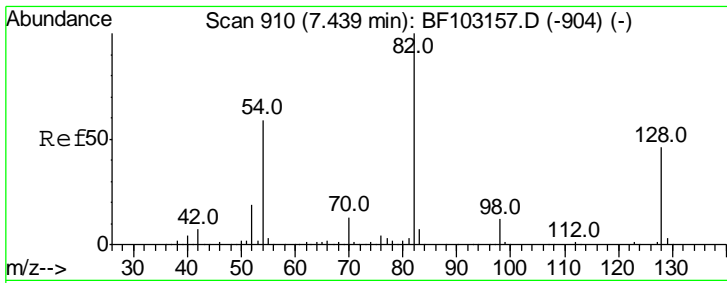
Tgt Ion	Resp	Lower	Upper
99	100		
42	37.7	14.5	21.7#
71	33.0	25.4	38.0



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.0	5.0	7.4



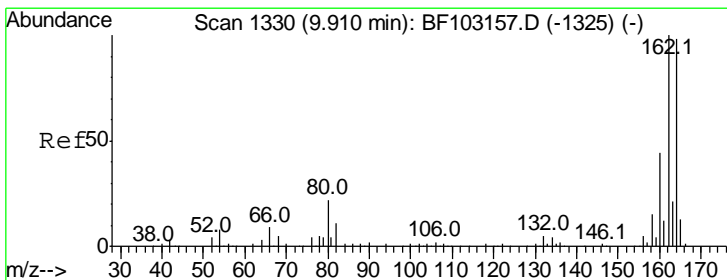
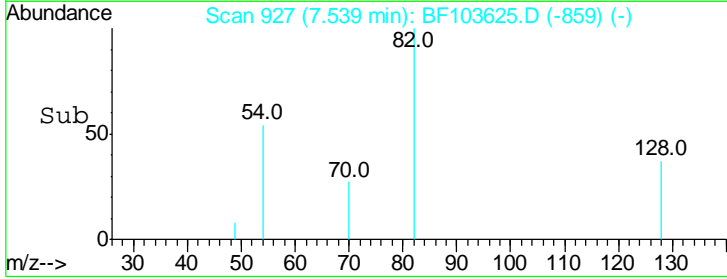
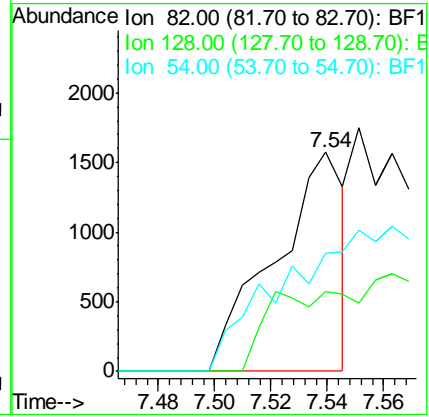
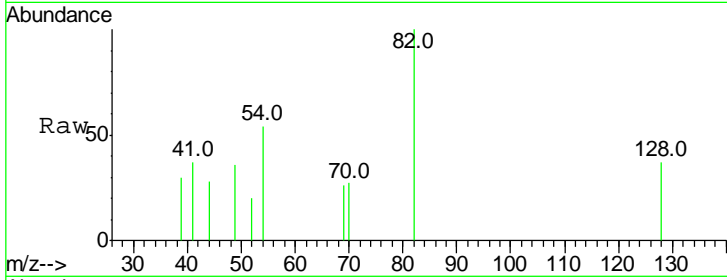


#23
 Nitrobenzene-d5
 Concen: 0.261 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.10 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 2685

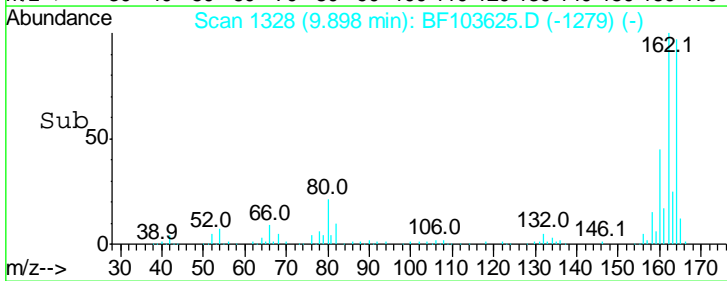
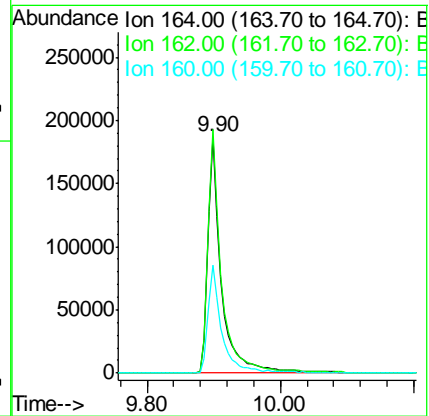
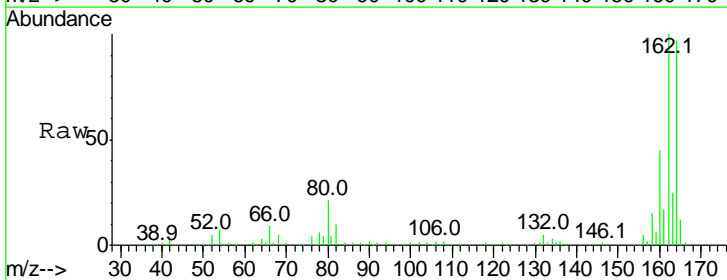
Ion	Ratio	Lower	Upper
82	100		
128	36.6	36.1	54.1
54	54.1	41.4	62.2

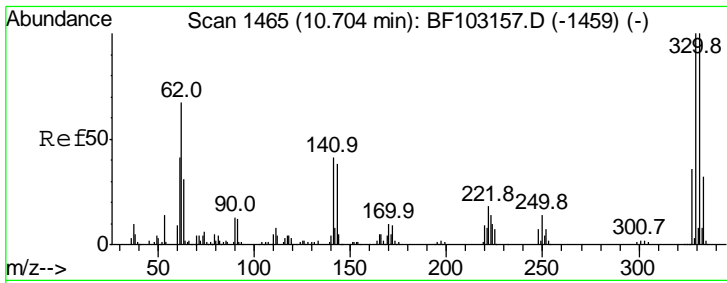


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion: 164 Resp: 262054

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.9	38.3	57.5

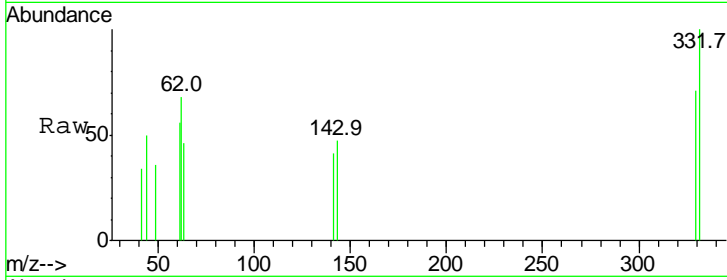




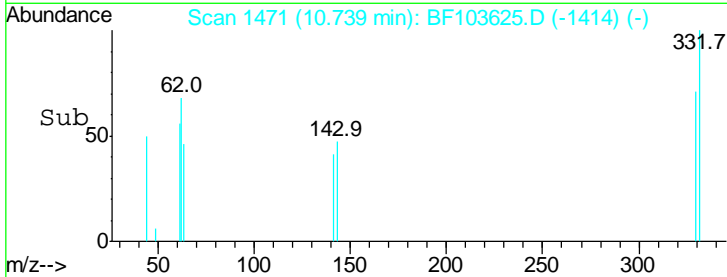
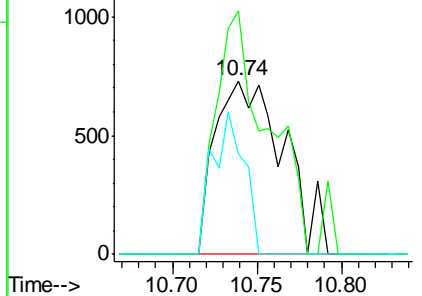
#41
 2,4,6-Tribromophenol
 Concen: 0.934 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.04 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
330	100		
332	105.0	77.0	115.6
141	37.5	29.9	44.9

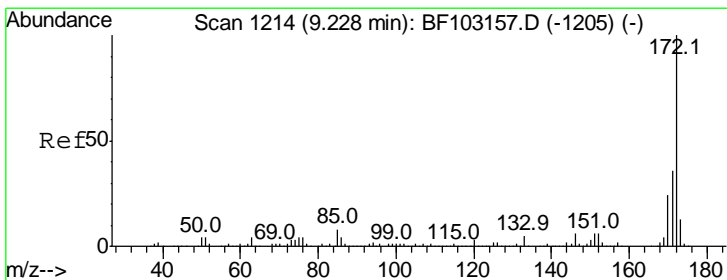


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

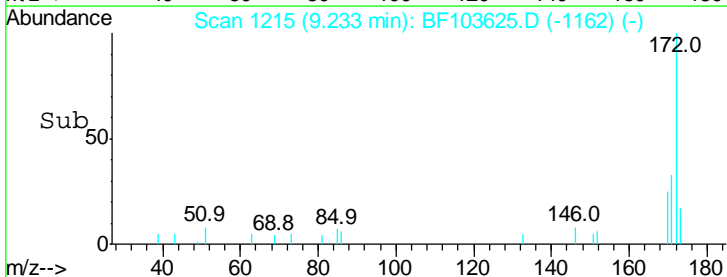
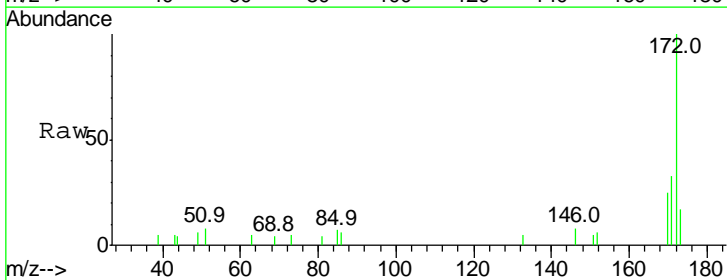
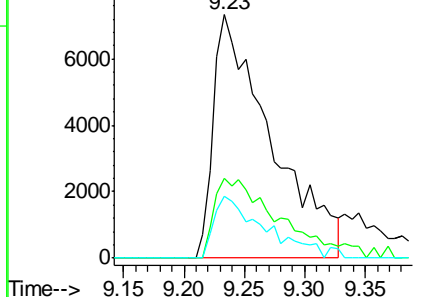


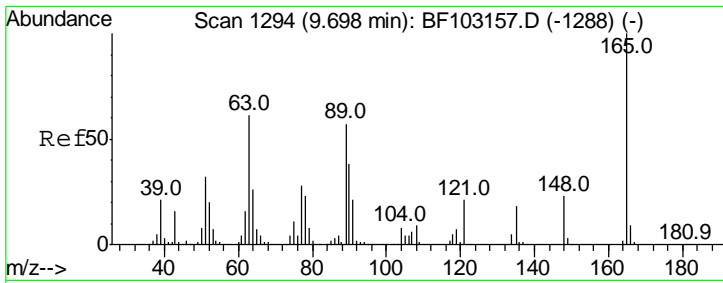
#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion	Resp	Lower	Upper
172	100		
171	32.6	29.7	44.5
170	25.3	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

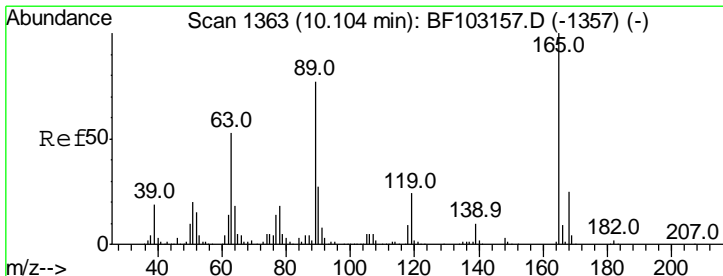
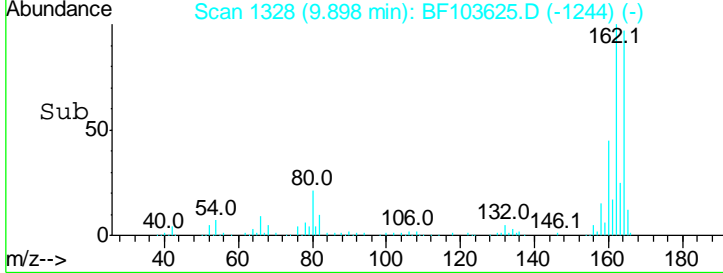
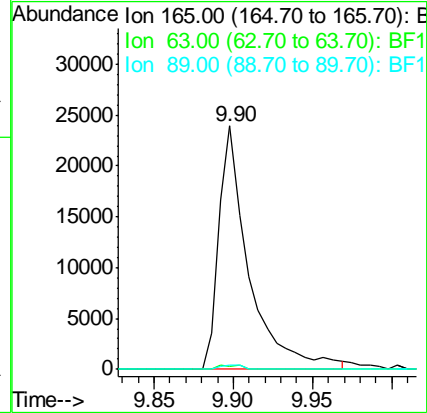
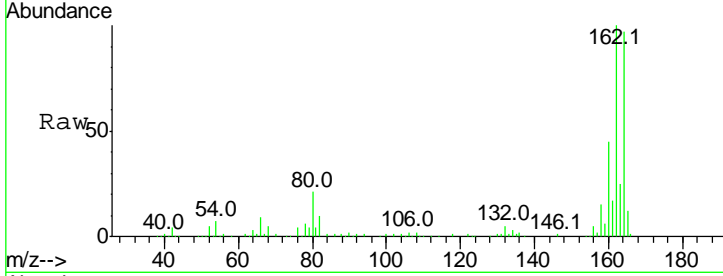




#50
 2,6-Dinitrotoluene
 Concen: 7.156 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.19 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

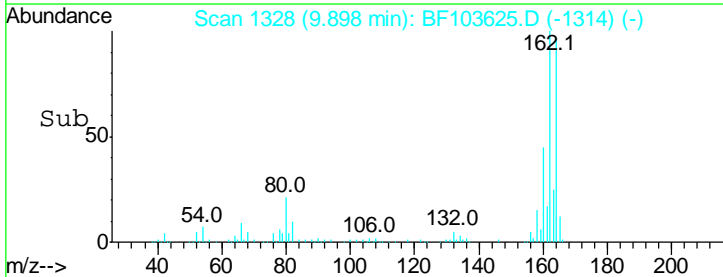
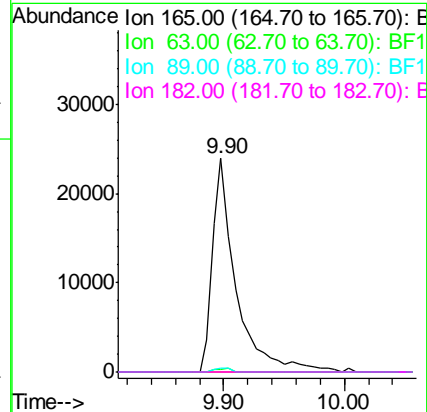
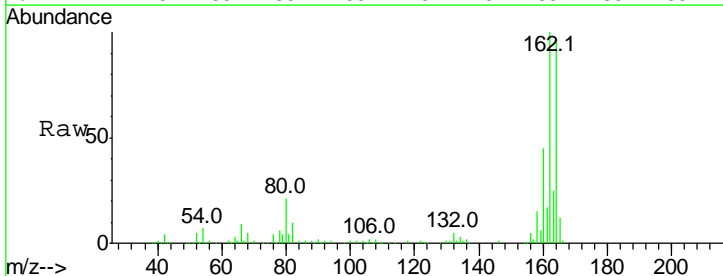
Instrument :
 BNA_F
 ClientSampled :

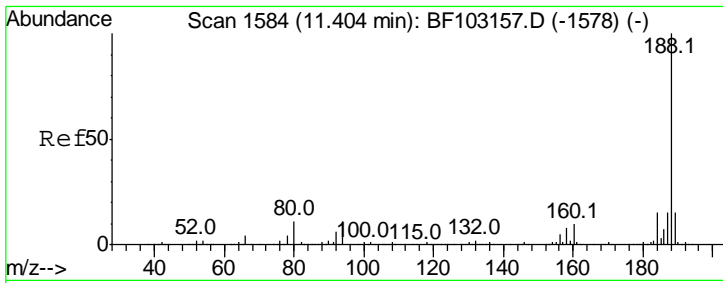
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.773 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



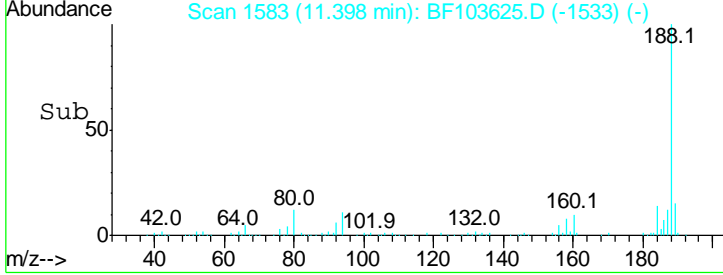
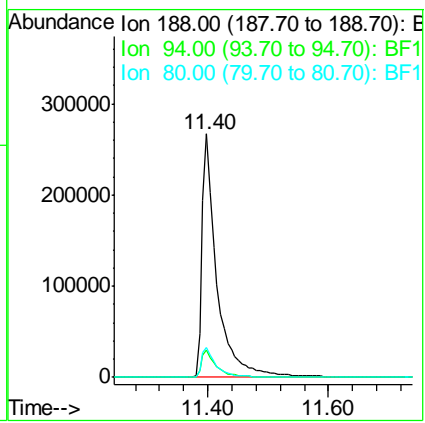
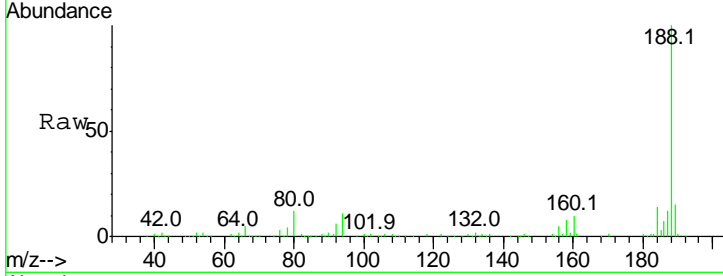


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 188 Resp: 461518

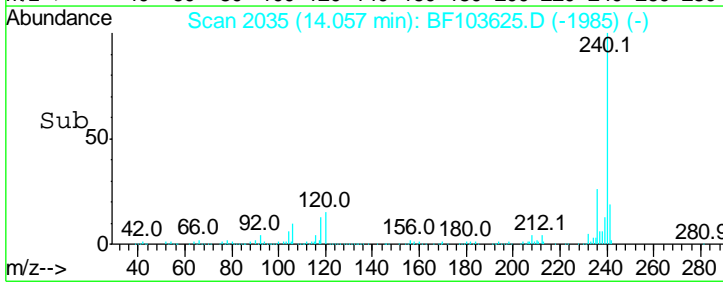
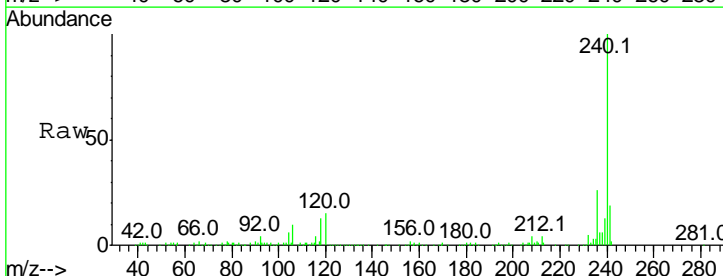
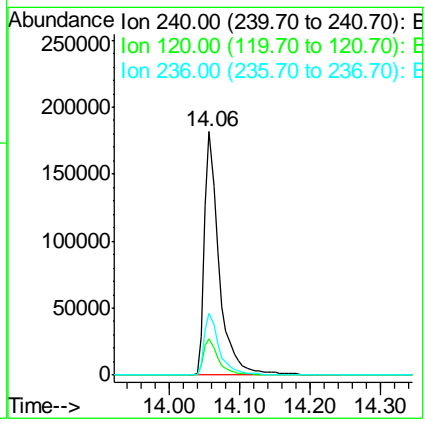
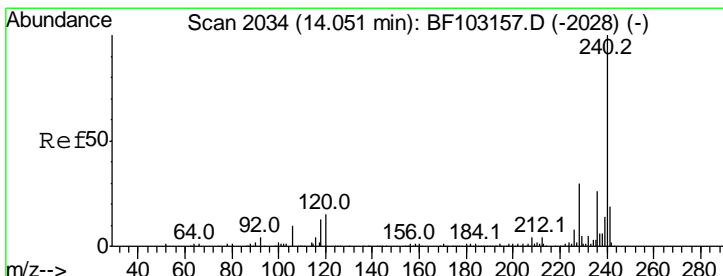
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.0	9.2	13.8

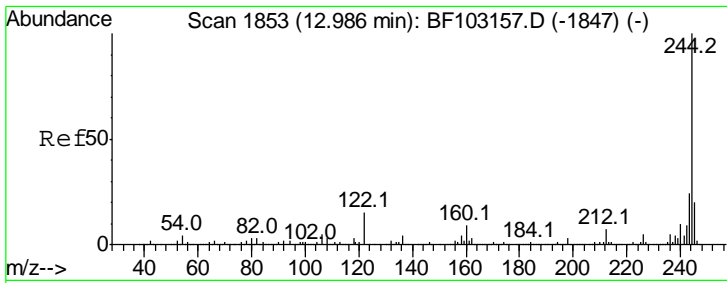


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion: 240 Resp: 263608

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	25.6	20.7	31.1

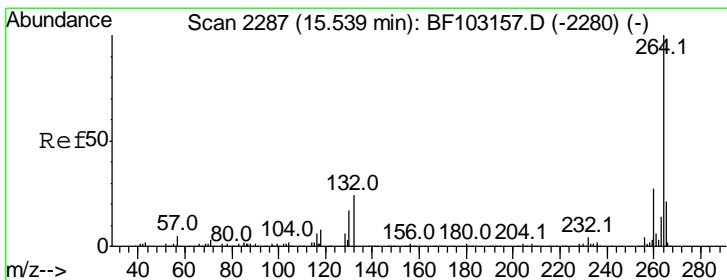
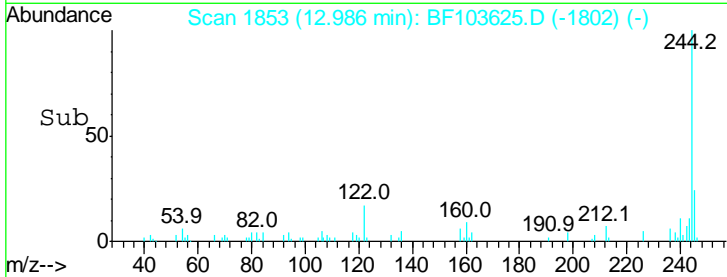
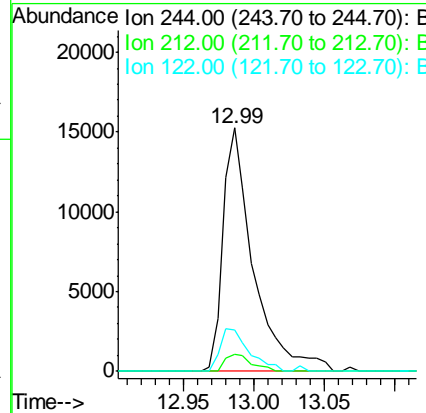
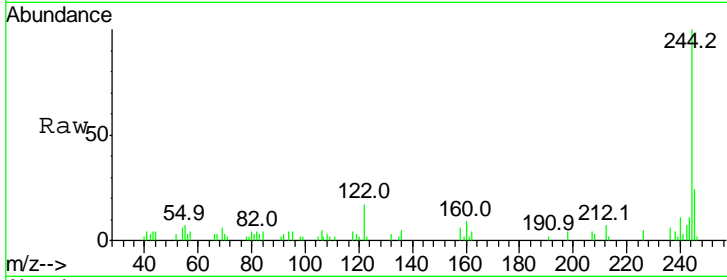




#78
 Terphenyl-d14
 Concen: 2.083 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF103625.D
 Acq: 14 Mar 2018 2:50

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	16.8	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: BF103625.D
 Acq: 14 Mar 2018 2:50

Tgt Ion	Resp	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.7	17.5	26.3

