

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
 Data File : BF103624.D
 Acq On : 14 Mar 2018 2:23
 Operator : SJ/JU
 Sample : J1885-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 03:17:57 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	137407	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	618151	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	271801	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	486076	20.00	ng	0.00
75) Chrysene-d12	14.06	240	274289	20.00	ng	0.00
86) Perylene-d12	15.57	264	262663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	976412	107.47	ng	0.00
7) Phenol-d6	6.50	99	1210992	108.93	ng	-0.01
23) Nitrobenzene-d5	7.43	82	865250	79.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	227000	98.67	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1142611	69.26	ng	-0.01
78) Terphenyl-d14	12.98	244	809990	70.99	ng	0.00

Target Compounds

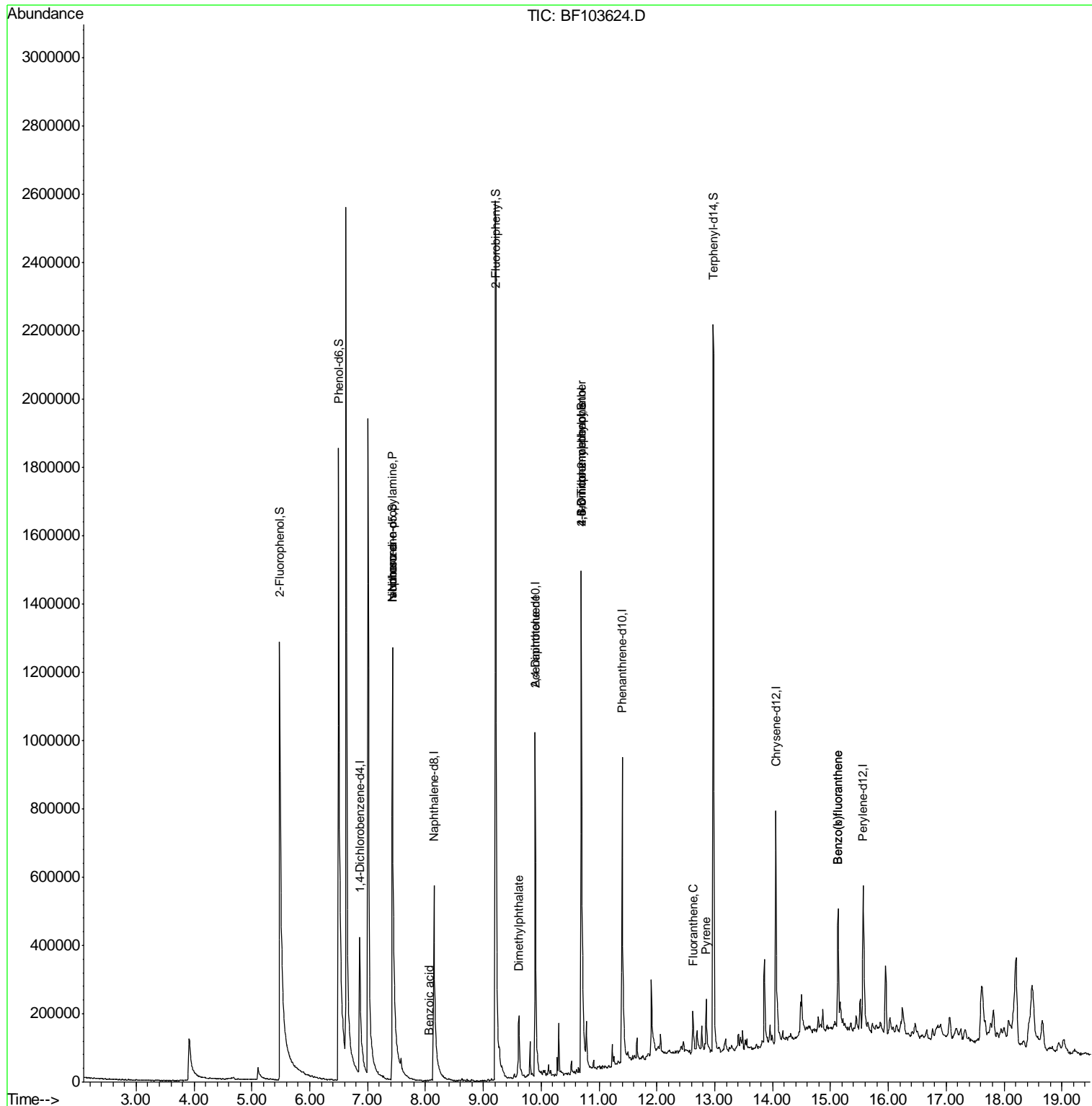
						Qvalue
9) Benzaldehyde	6.50	77	2450	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.43	70	107054	15.473	ng	# 83
25) Isophorone	7.43	82	876276	41.104	ng	# 64
32) Benzoic acid	8.06	122	652	7.001	ng	87
49) Dimethylphthalate	9.62	163	119392	5.476	ng	98
56) 2,4-Dinitrotoluene	9.90	165	33322	5.758	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.69	198	356	5.053	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	16166	3.193	ng	# 1
74) Fluoranthene	12.62	202	64410	2.396	ng	97
77) Pyrene	12.86	202	61762	2.888	ng	99
87) Benzo(b)fluoranthene	15.13	252	51494	2.982	ng	# 79
88) Benzo(k)fluoranthene	15.13	252	51494	3.166	ng	# 82

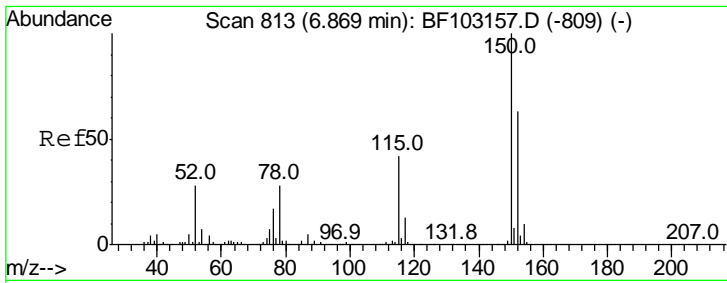
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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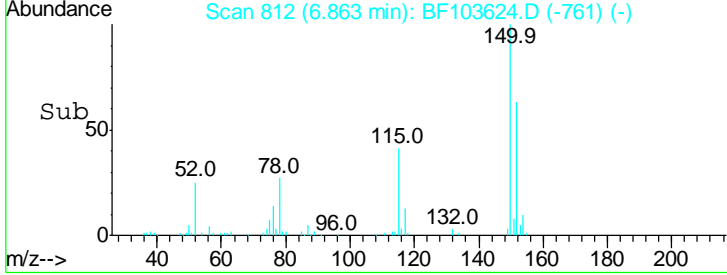
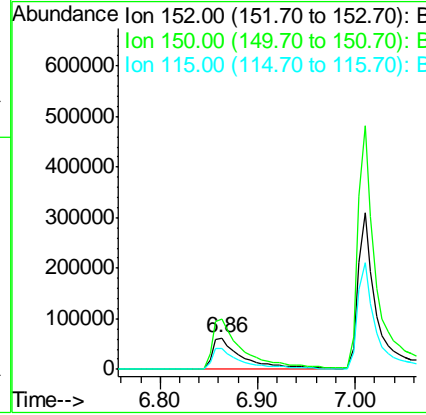
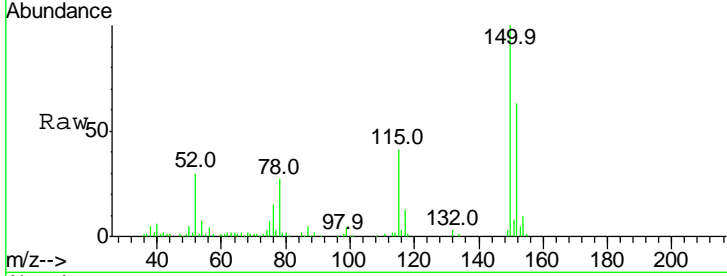




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

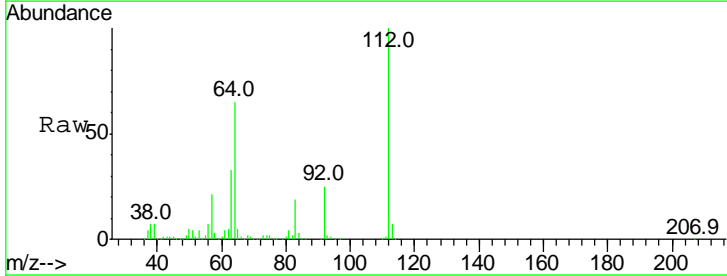
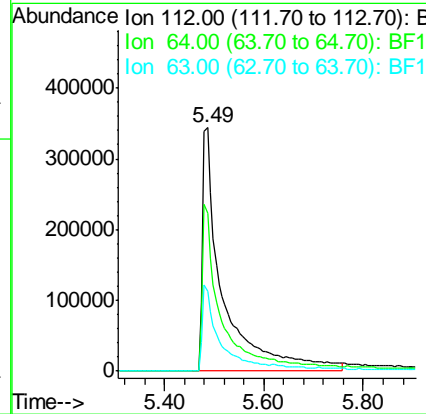
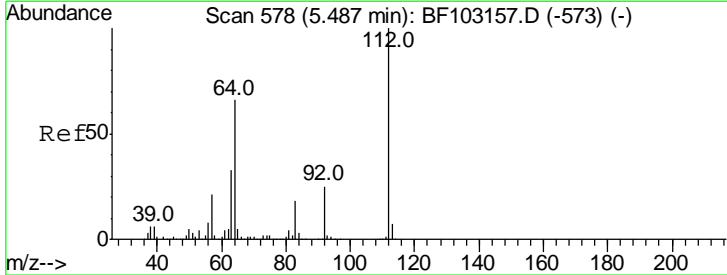
Instrument :
 BNA_F
 ClientSampled :

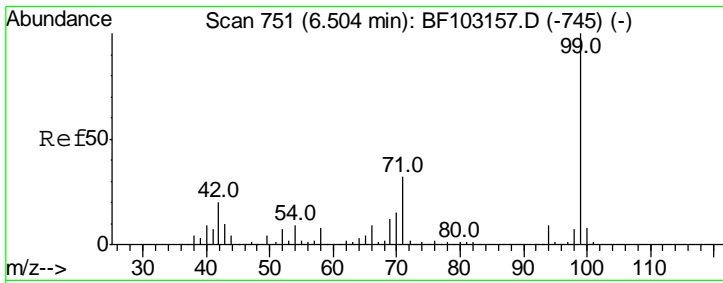
Tgt Ion	Resp	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	65.0	50.1	75.1



#5
 2-Fluorophenol
 Concen: 107.473 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
112	100		
64	64.7	47.9	71.9
63	32.8	23.7	35.5

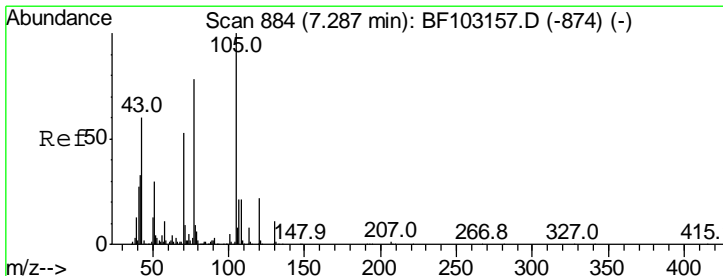
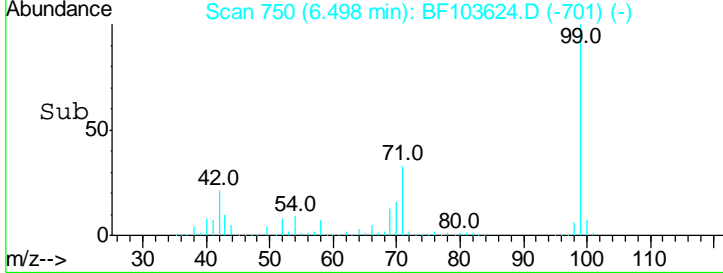
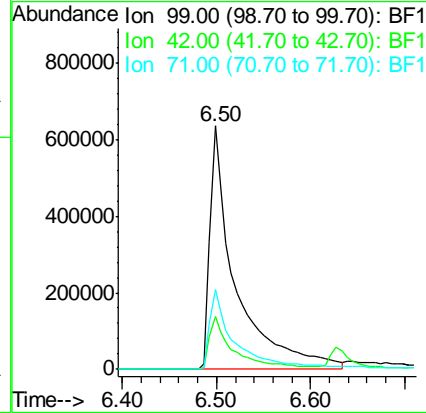
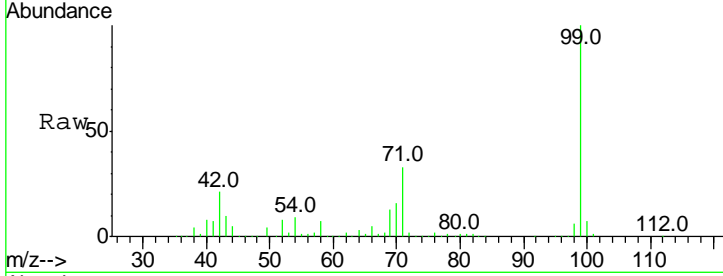




#7
 Phenol-d6
 Concen: 108.931 ng
 RT: 6.50 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

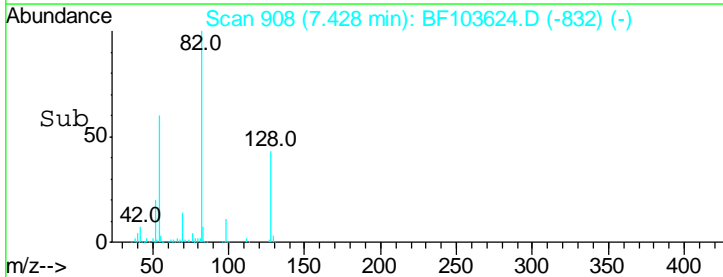
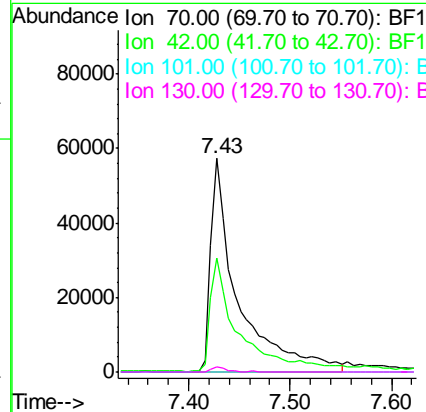
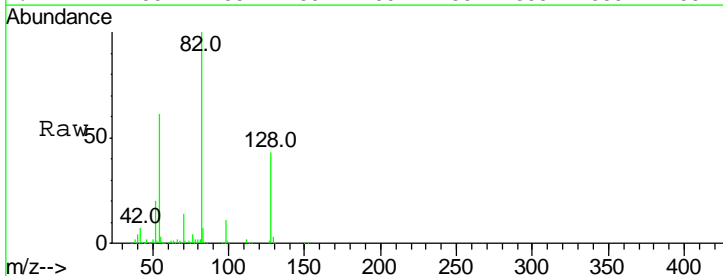
Instrument :
 BNA_F
 ClientSampled :

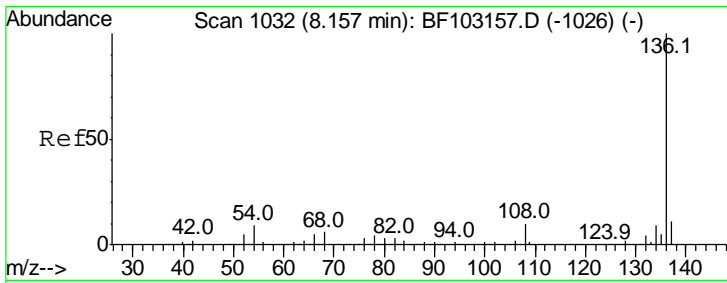
Tgt Ion	Resp	Lower	Upper
99	1210992		
Ion Ratio			
99	100		
42	21.5	14.5	21.7
71	32.8	25.4	38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.473 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.15 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
70	107054		
Ion Ratio			
70	100		
42	53.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



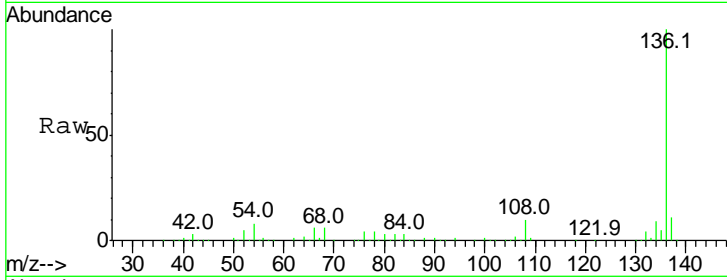


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

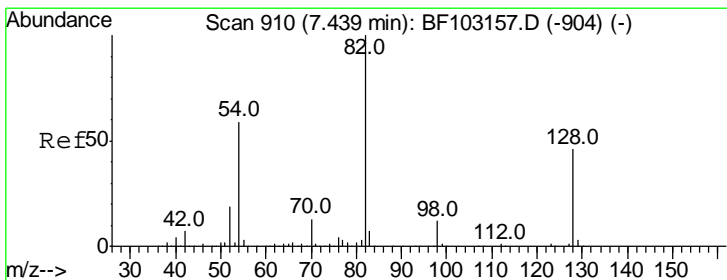
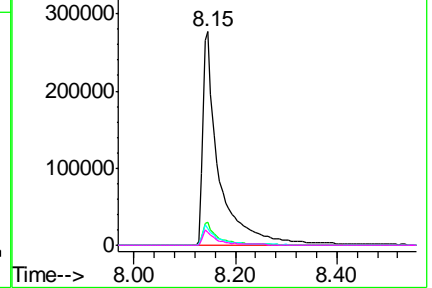
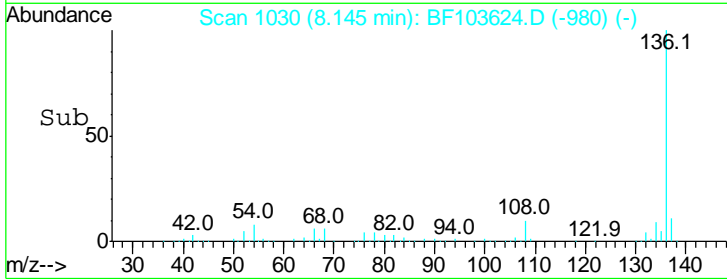
Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 136 Resp: 618151

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	6.6	9.8
68	6.3	5.0	7.4



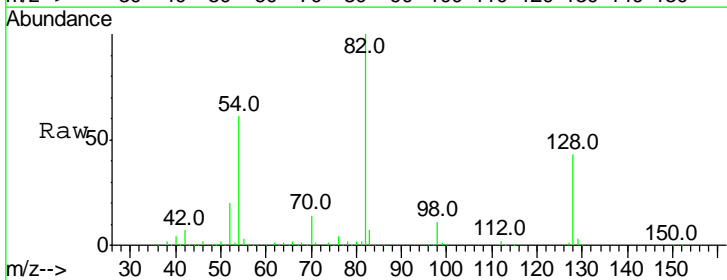
Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BF1
 Ion 68.00 (67.70 to 68.70): BF1



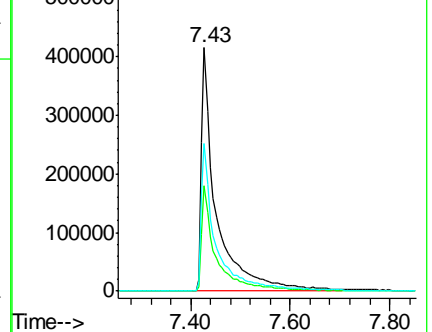
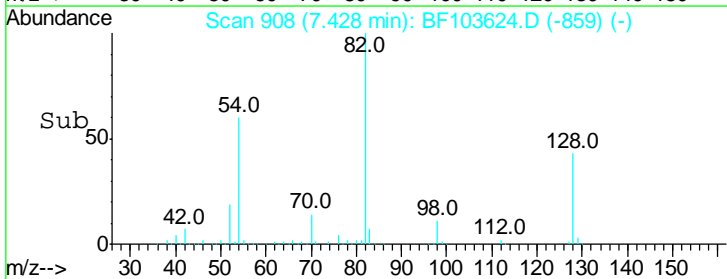
#23
 Nitrobenzene-d5
 Concen: 79.937 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

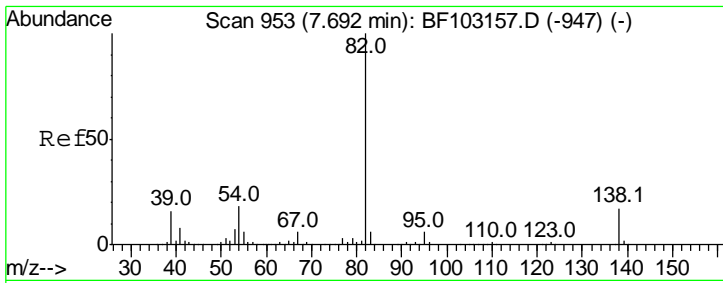
Tgt Ion: 82 Resp: 865250

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	60.6	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

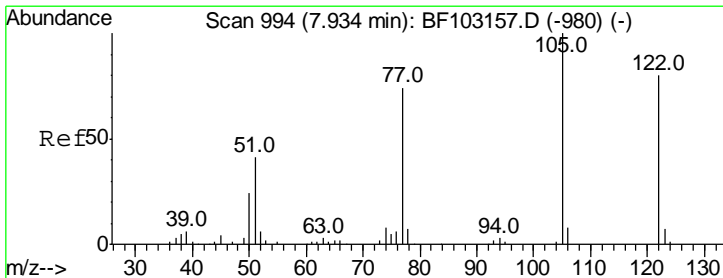
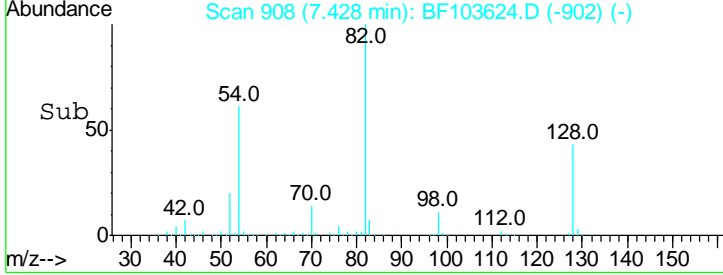
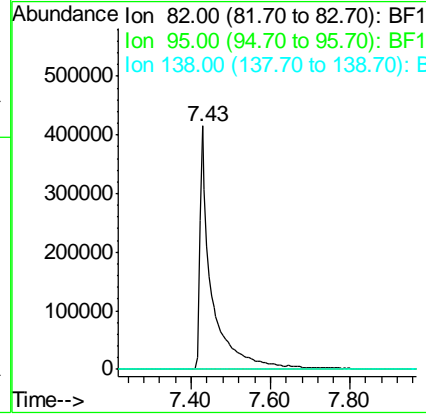
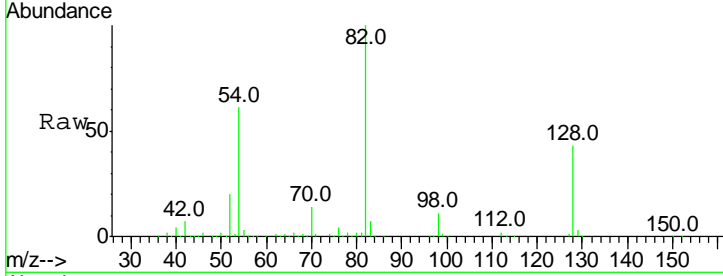




#25
 Isophorone
 Concen: 41.104 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

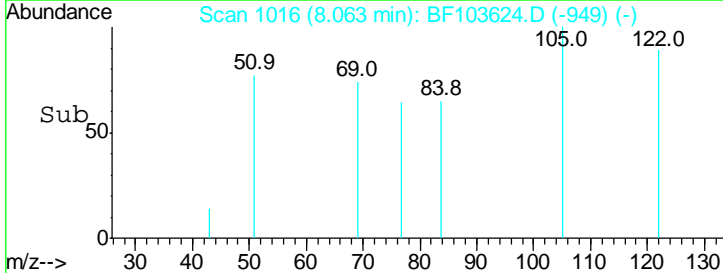
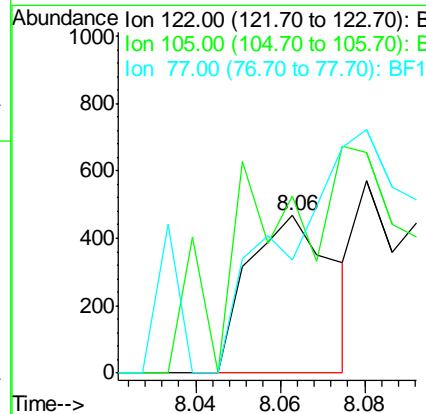
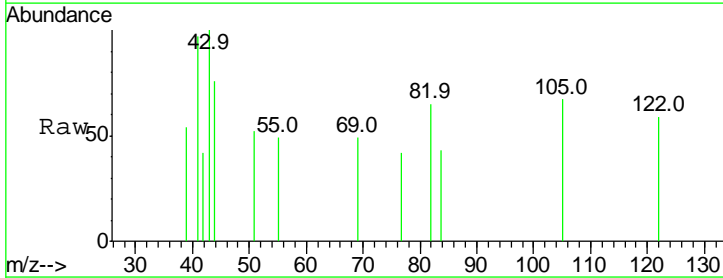
Instrument :
 BNA_F
 ClientSampled :

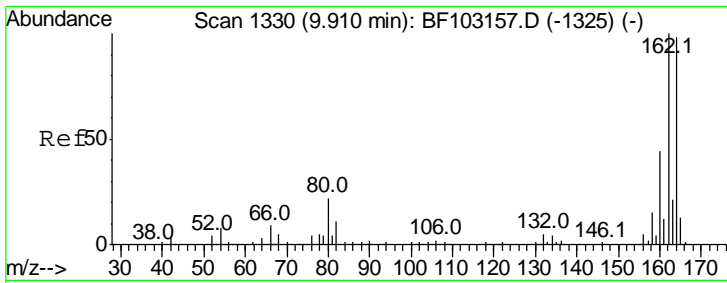
Tgt Ion	Resp	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#32
 Benzoic acid
 Concen: 7.001 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. 0.09 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
122	100		
105	112.2	101.1	141.1
77	71.5	70.7	110.7

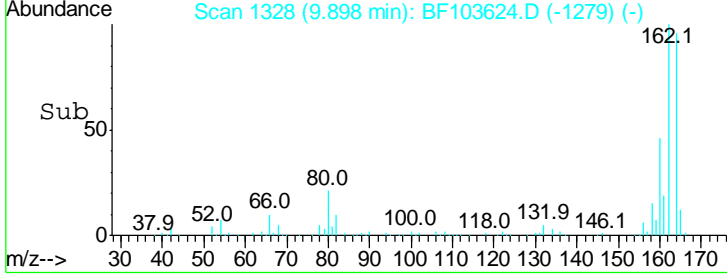
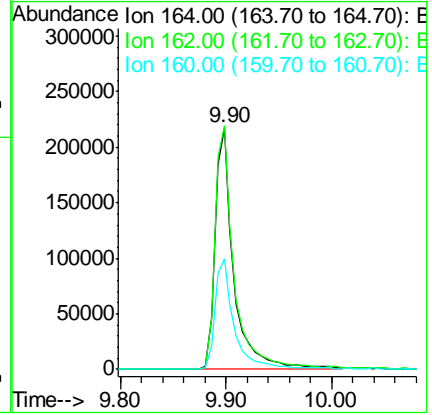
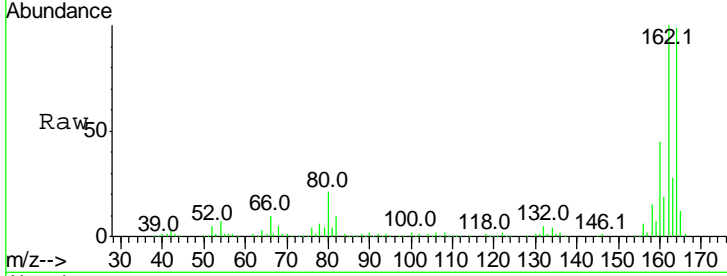




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

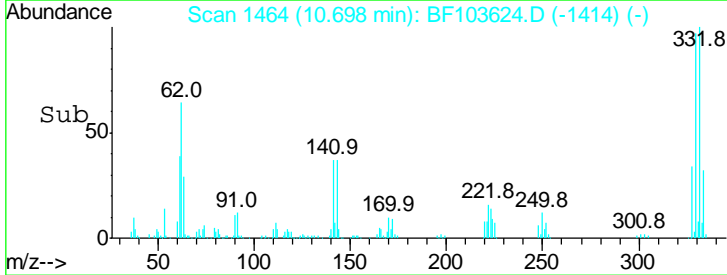
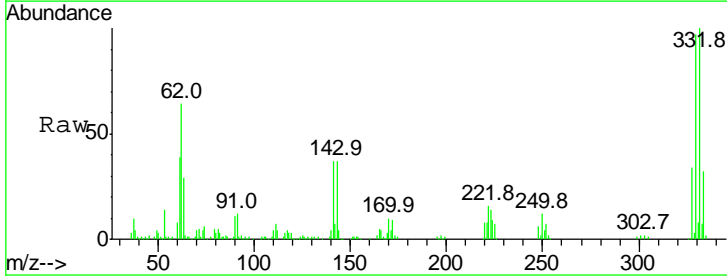
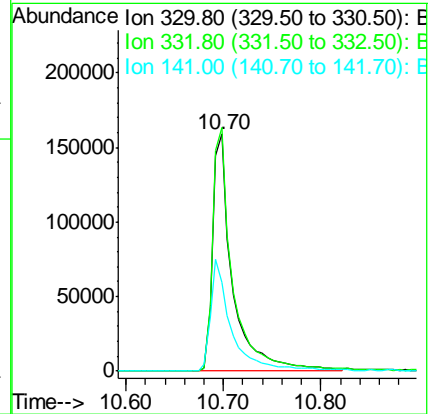
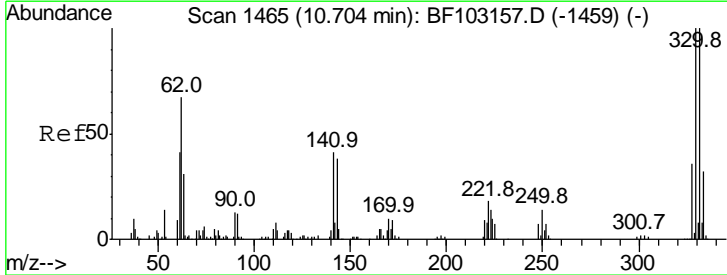
Instrument :
 BNA_F
 ClientSampled :

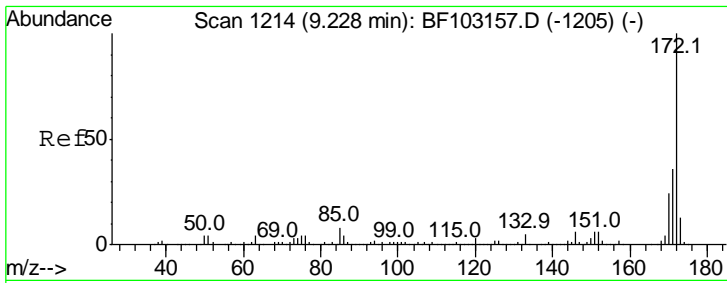
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.9	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 98.668 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
330	100		
332	104.1	77.0	115.6
141	49.4	29.9	44.9#



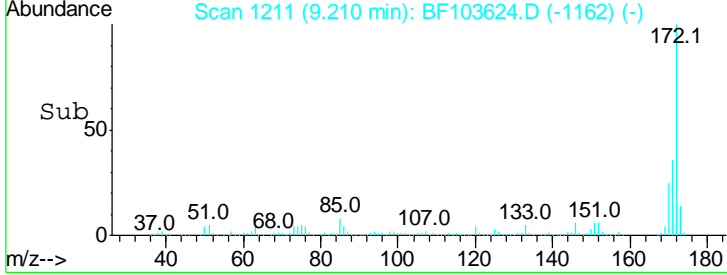
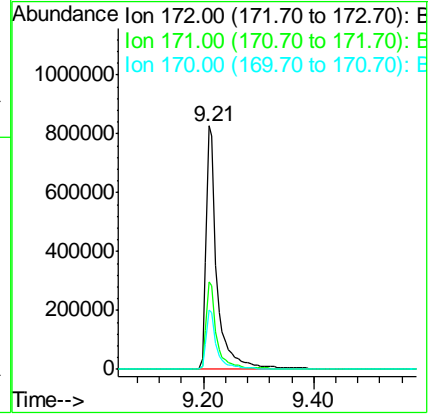
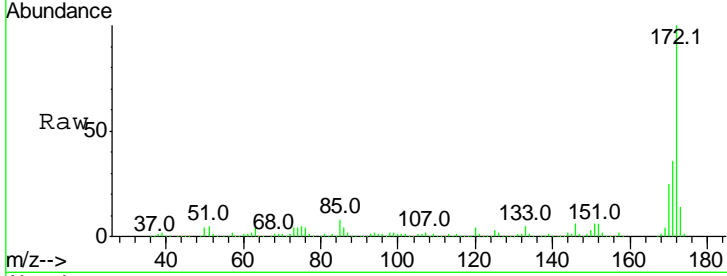


#44
 2-Fluorobiphenyl
 Concen: 69.256 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1142611

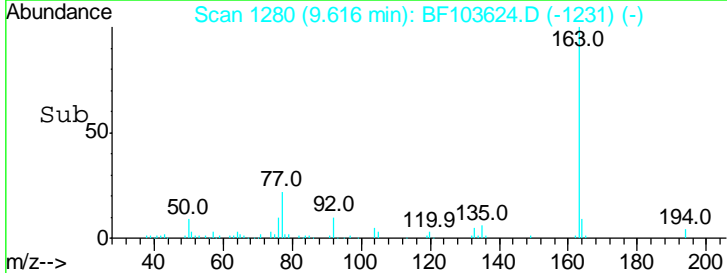
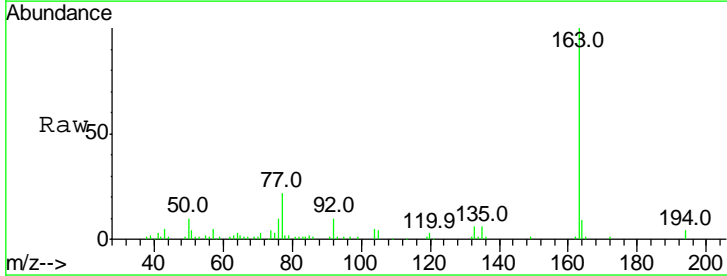
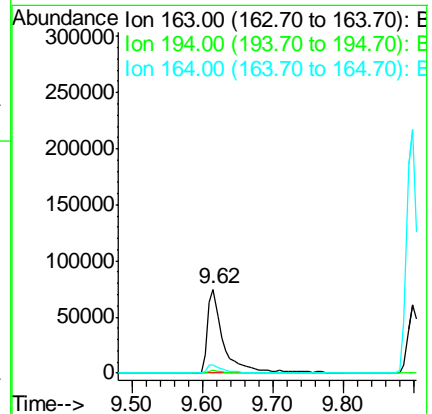
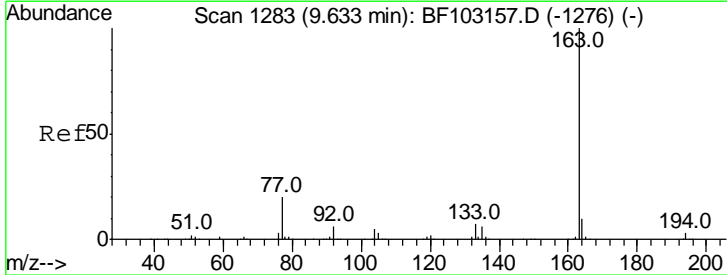
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.6	19.6	29.4

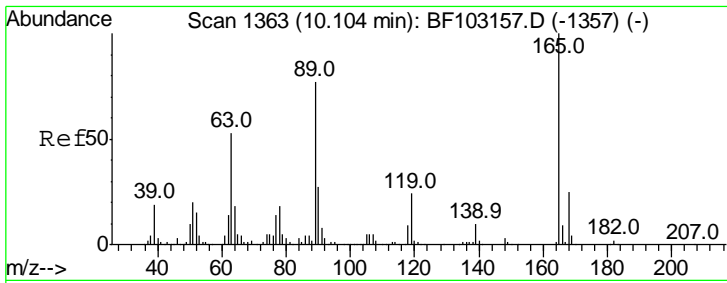


#49
 Dimethylphthalate
 Concen: 5.476 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion:163 Resp: 119392

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.4	8.2	12.2

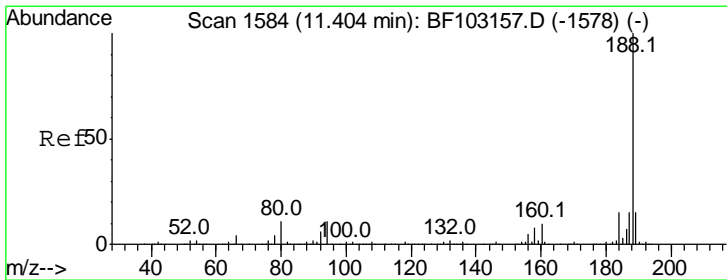
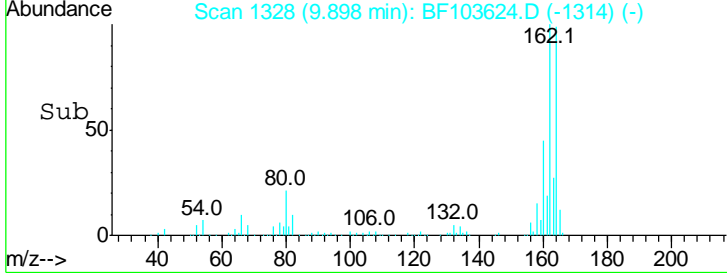
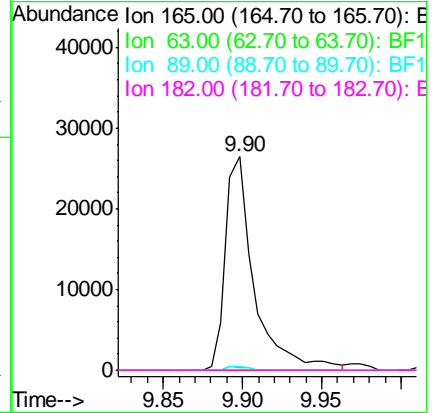
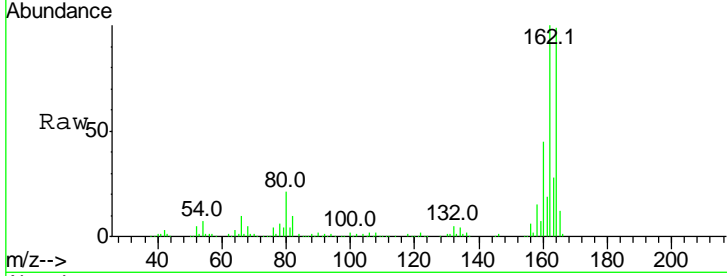




#56
 2,4-Dinitrotoluene
 Concen: 5.758 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

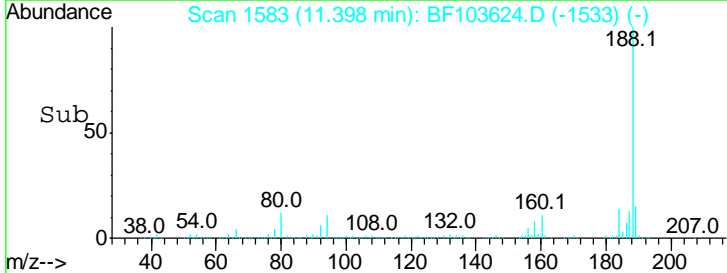
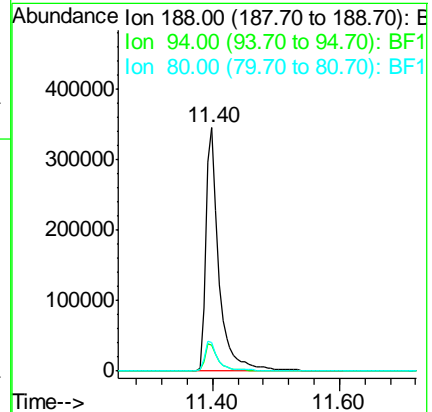
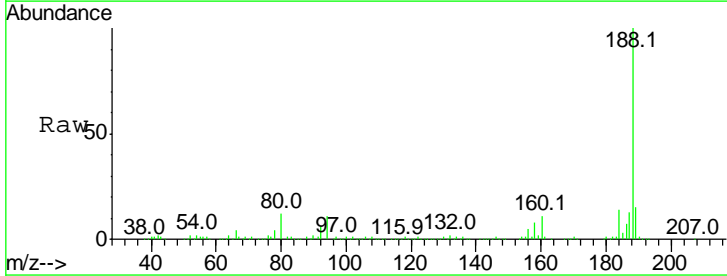
Instrument :
 BNA_F
 ClientSampled :

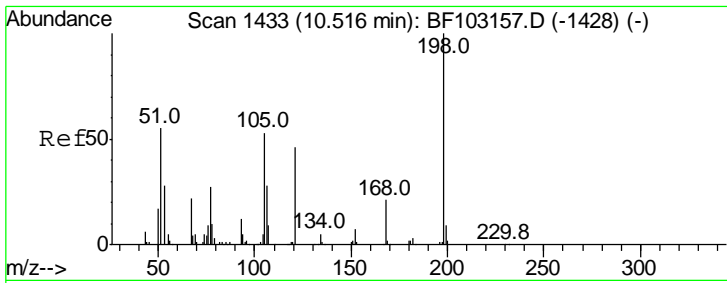
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.0	9.2	13.8

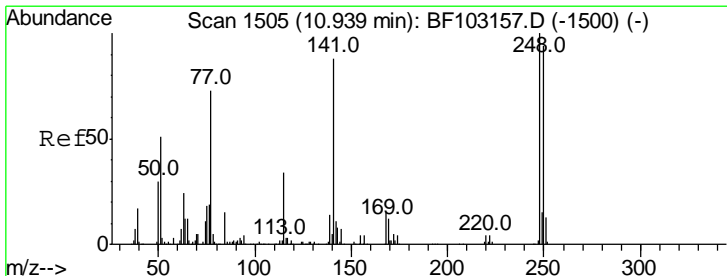
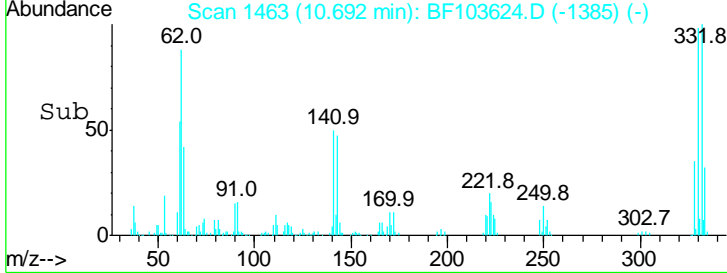
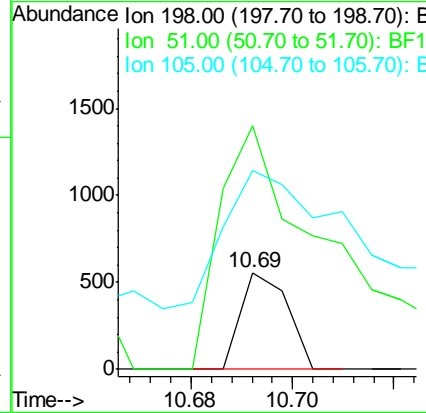
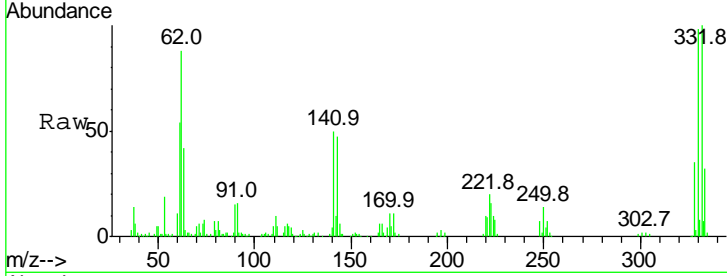




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.053 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.16 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

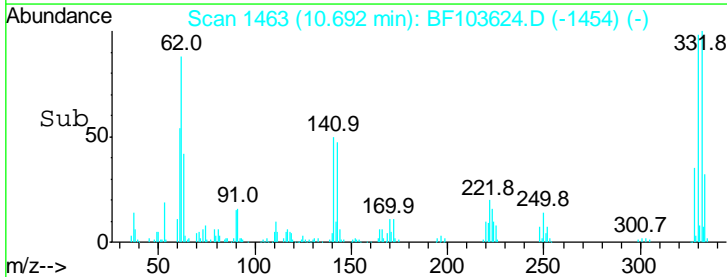
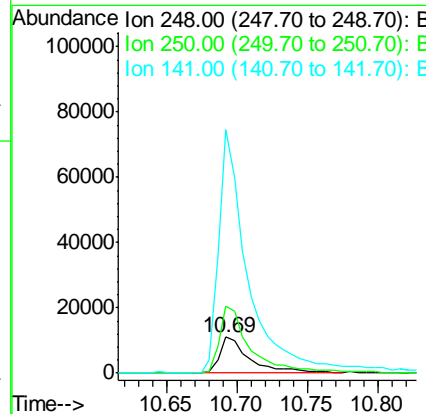
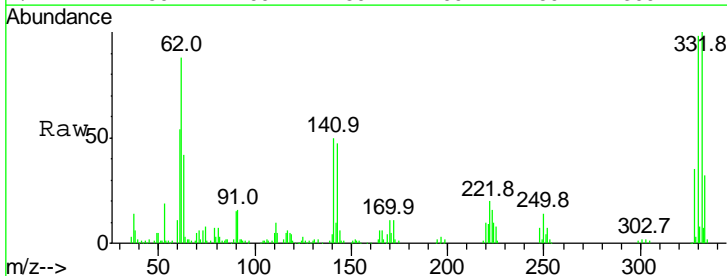
Instrument :
 BNA_F
 ClientSampled :

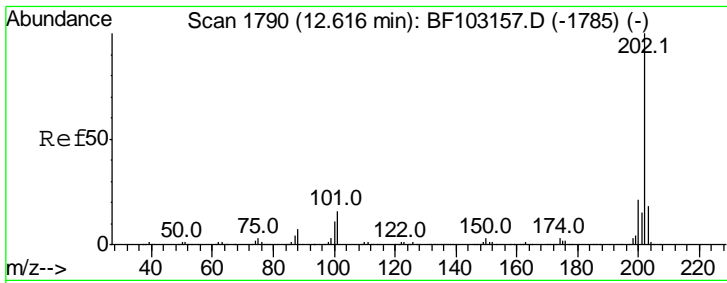
Tgt Ion	Resp	Lower	Upper
198	100		
51	252.3	37.7	77.7#
105	205.6	36.3	76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.193 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.25 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
248	100		
250	186.6	76.9	115.3#
141	682.1	74.4	111.6#

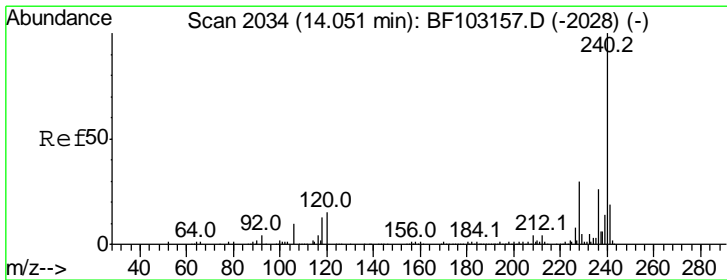
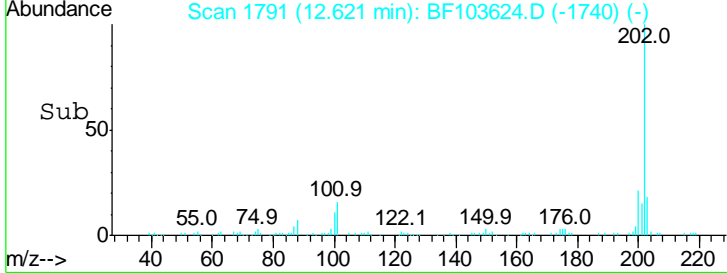
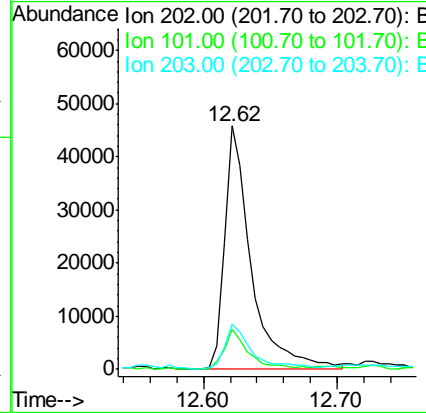
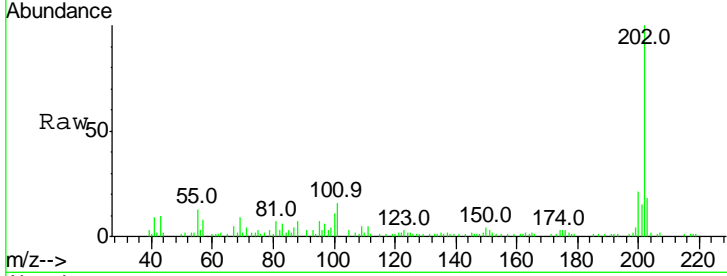




#74
 Fluoranthene
 Concen: 2.396 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

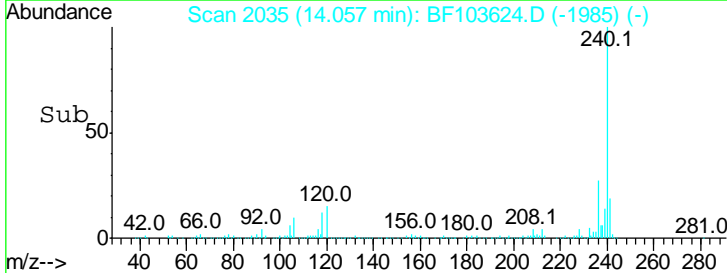
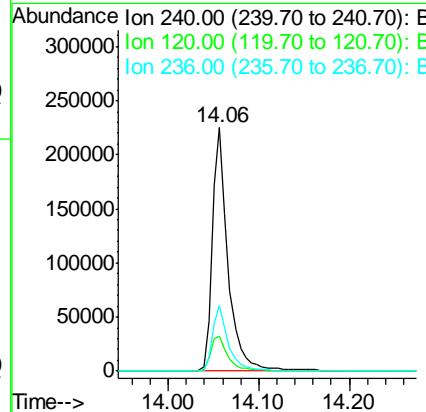
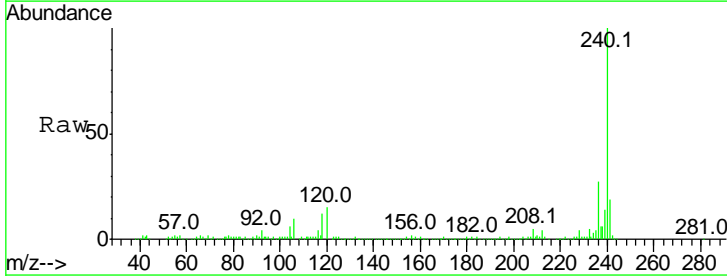
Instrument :
 BNA_F
 ClientSampled :

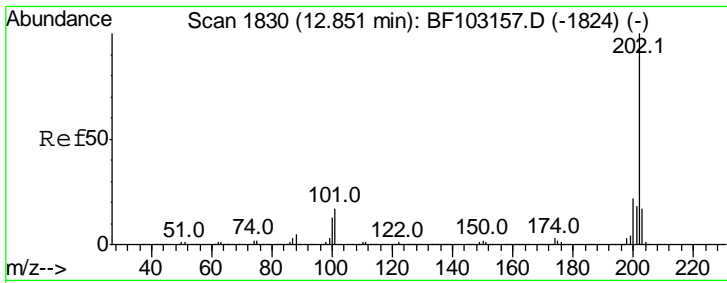
Tgt Ion	Resp	Lower	Upper
202	64410		
101	16.4	0.0	34.1
203	18.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
240	274289		
120	14.5	9.5	14.3#
236	26.9	20.7	31.1

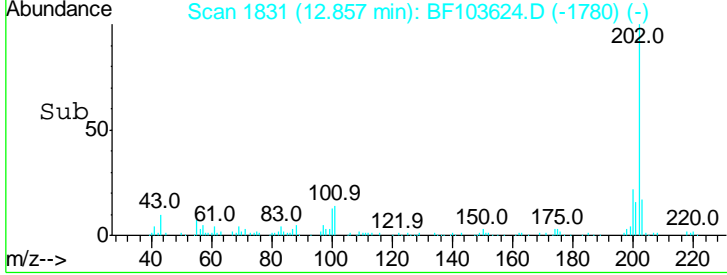
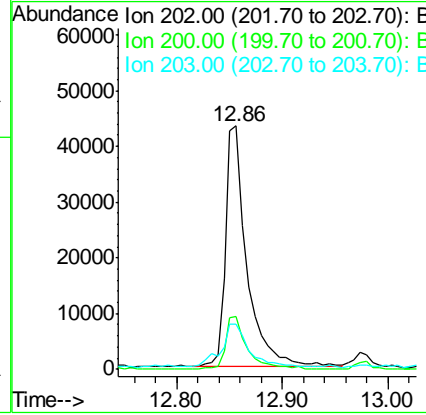
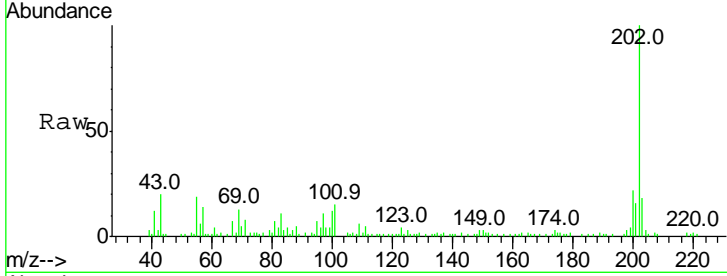




#77
 Pyrene
 Concen: 2.888 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

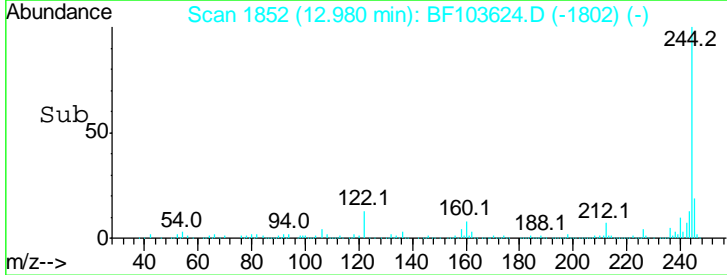
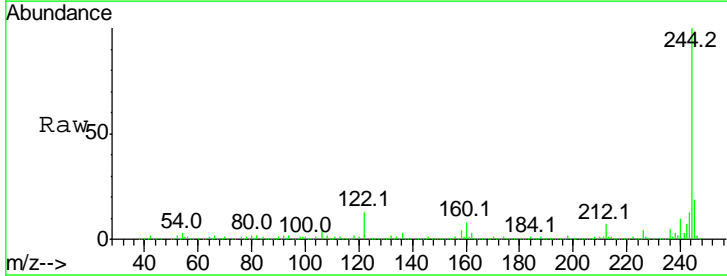
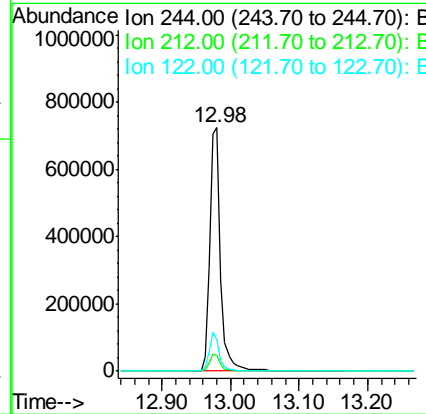
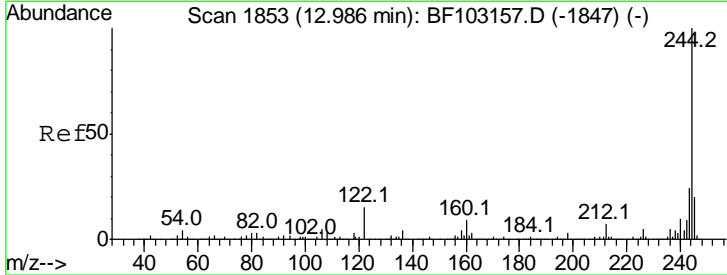
Instrument :
 BNA_F
 ClientSampled :

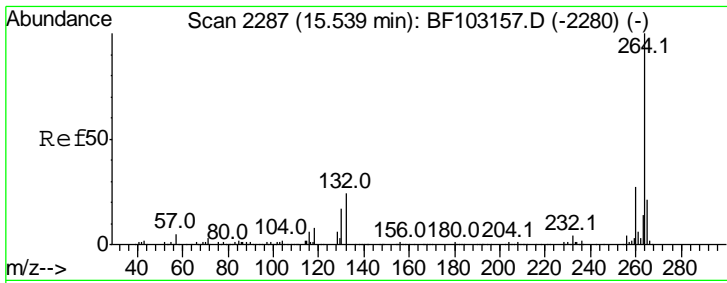
Tgt Ion	Resp	Lower	Upper
202	61762		
202	100		
200	22.0	17.4	26.2
203	18.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 70.987 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
244	809990		
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4

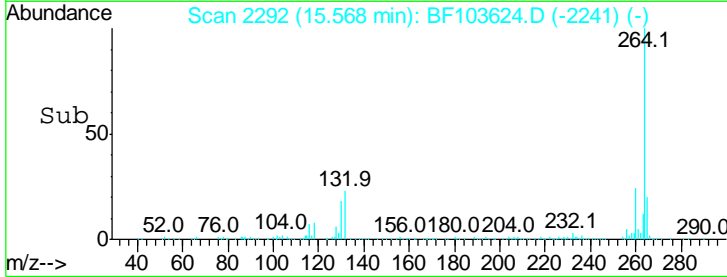
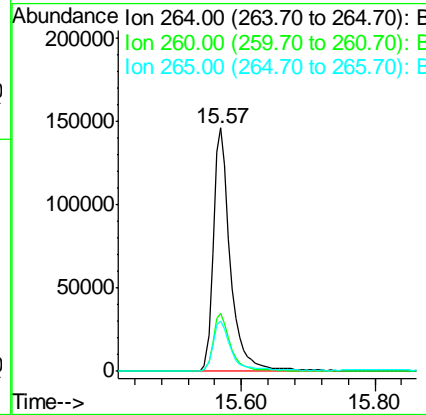
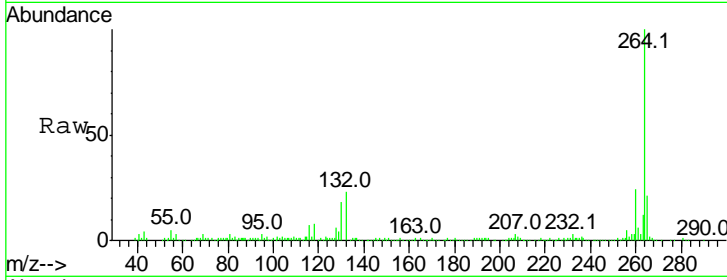




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

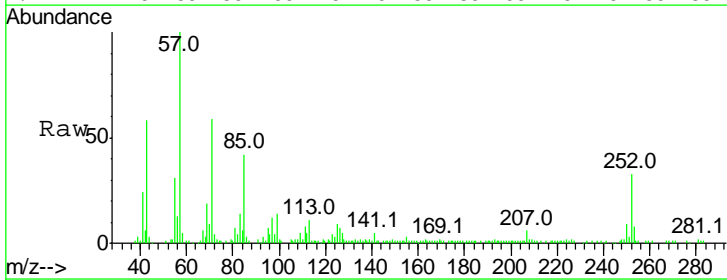
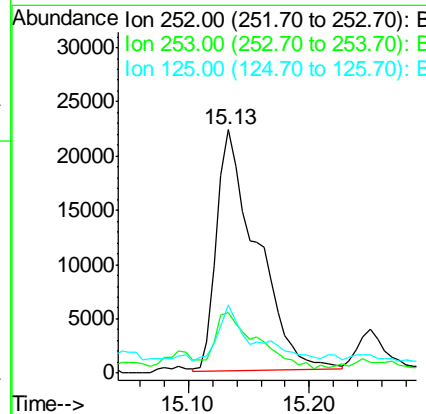
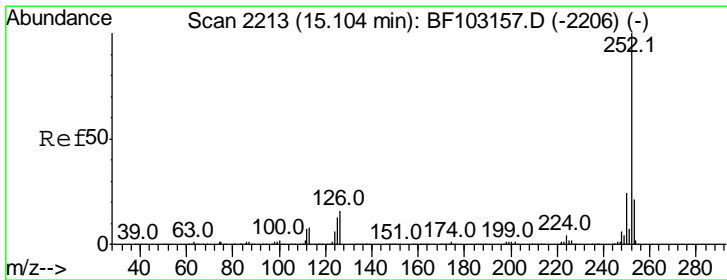
Instrument :
 BNA_F
 ClientSampled :

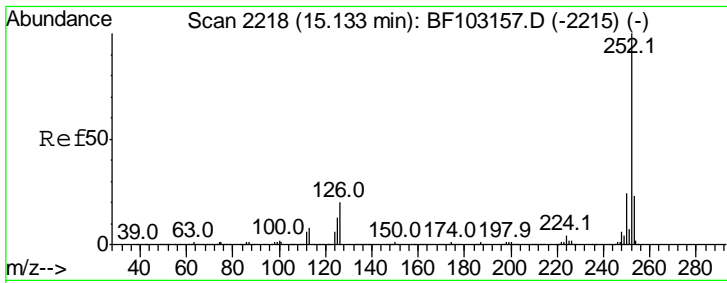
Tgt Ion	Resp	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.6	17.5	26.3



#87
 Benzo(b)fluoranthene
 Concen: 2.982 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. 0.01 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Tgt Ion	Resp	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	28.2	9.0	13.6#





#88
 Benzo(k)fluoranthene
 Concen: 3.166 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BF103624.D
 Acq: 14 Mar 2018 2:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
51494	252	100		
	253	25.0	17.9	26.9
	125	28.2	10.2	15.2#

