

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086235.D
 Acq On : 16 Apr 2016 00:03
 Operator : UM/SJ
 Sample : H2402-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Quant Time: Apr 16 01:59:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 16 00:36:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	294196	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1205429	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	531241	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	910280	20.00	ng	0.00
75) Chrysene-d12	14.04	240	596389	20.00	ng	-0.01
86) Perylene-d12	15.48	264	472107	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1027054	57.20	ng	0.00
7) Phenol-d6	6.51	99	819982	36.51	ng	0.00
23) Nitrobenzene-d5	7.46	82	1740311	83.27	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517202	121.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2626357	91.23	ng	0.00
78) Terphenyl-d14	13.00	244	1938943	81.75	ng	0.00

Target Compounds

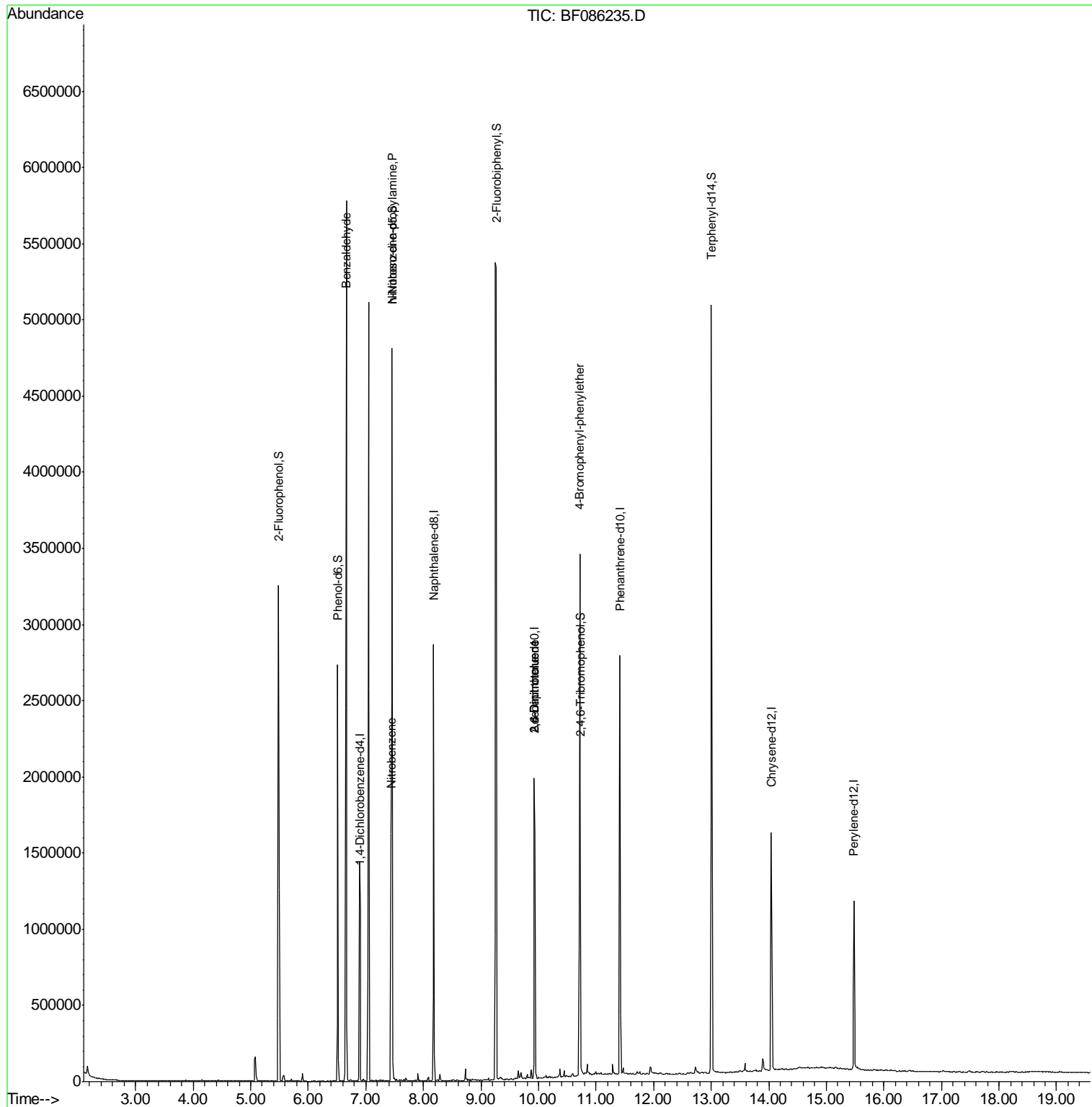
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.66	77	40077	2.52	ng	# 69
19) n-Nitroso-di-n-propylamine	7.46	70	248560	17.29	ng	# 82
22) Acetophenone	7.44	105	18074	Below Cal		# 1
24) Nitrobenzene	7.44	77	66811	2.92	ng	# 47
50) 2,6-Dinitrotoluene	9.93	165	67253	7.87	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	67253	6.15	ng	# 31
57) Fluorene	10.48	166	1401	Below Cal		# 90
66) 4-Bromophenyl-phenylether	10.72	248	32210	3.80	ng	# 1
71) Anthracene	11.44	178	3704	Below Cal		95
74) Fluoranthene	12.61	202	2546	Below Cal		74

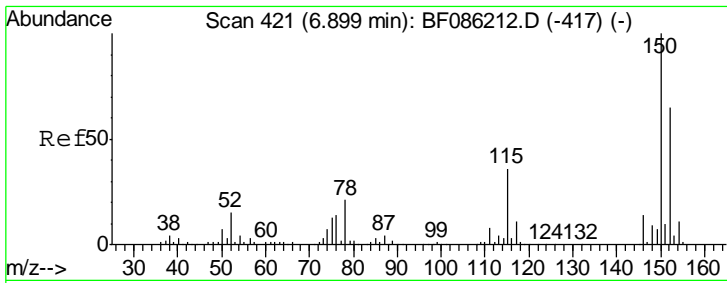
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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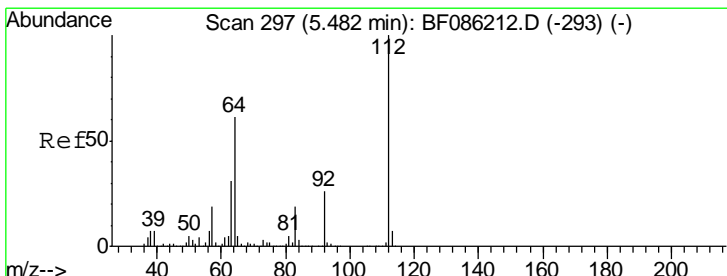
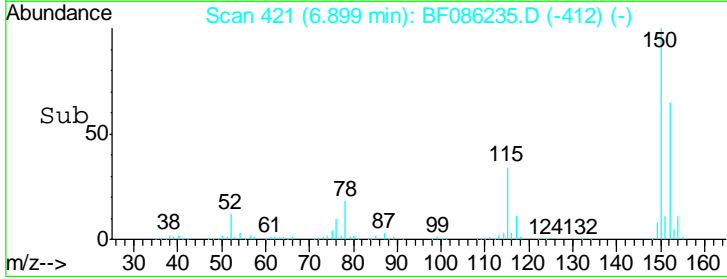
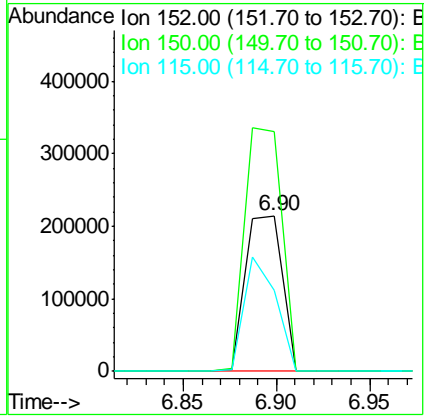
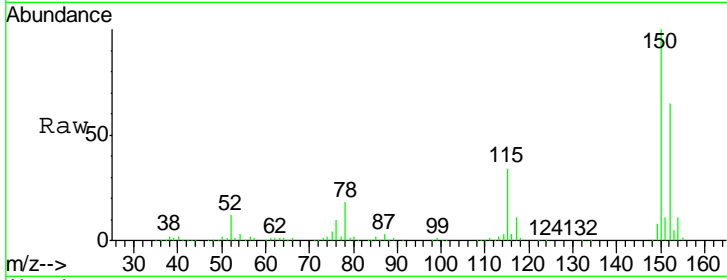




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

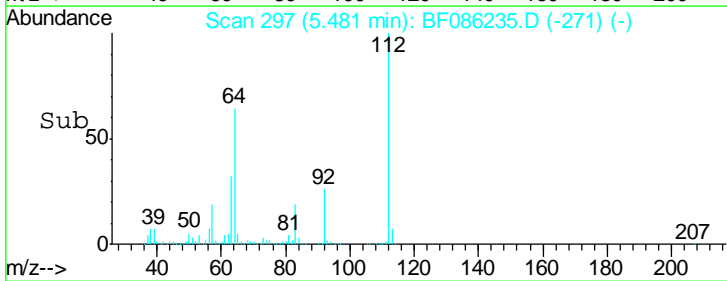
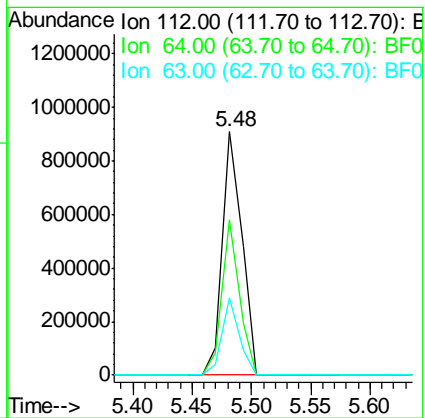
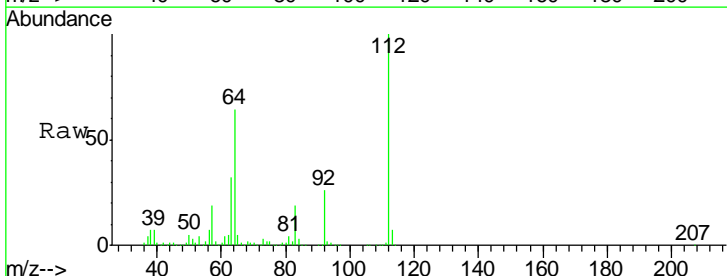
Instrument :
 BNA_F
ClientSampled :
 GW-04S-4-7-16

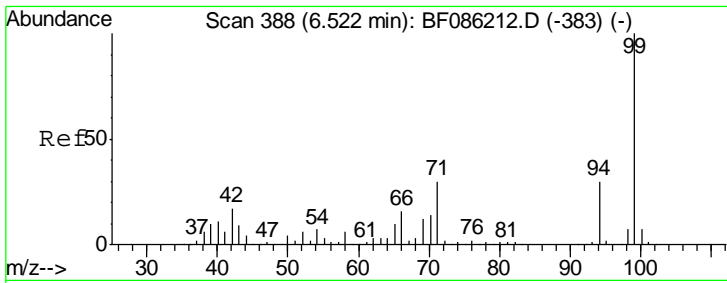
Tgt Ion	Resp	Lower	Upper
152	294196		
152	100		
150	153.9	124.1	186.1
115	52.2	43.9	65.9



#5
 2-Fluorophenol
 Concen: 57.20 ng
 RT: 5.48 min Scan# 297
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
112	1027054		
112	100		
64	63.8	48.1	72.1
63	31.9	25.5	38.3

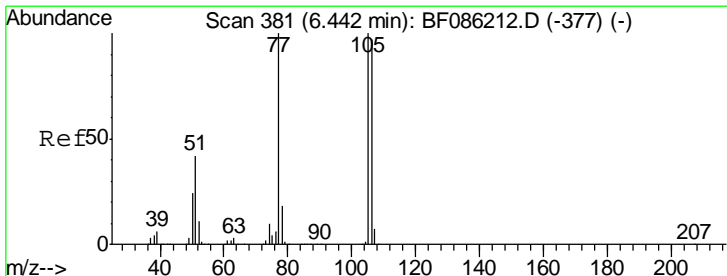
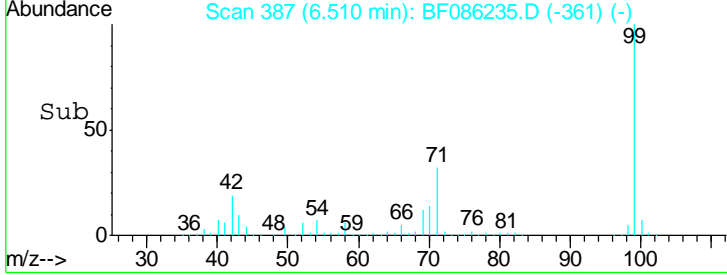
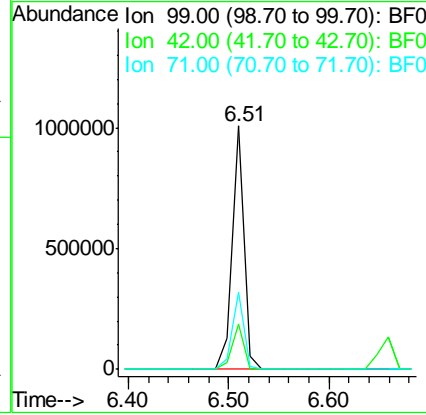
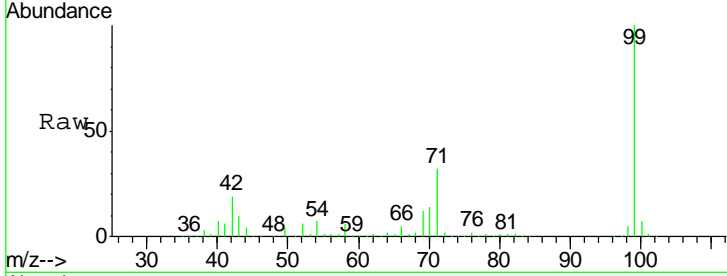




#7
 Phenol-d6
 Concen: 36.51 ng
 RT: 6.51 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

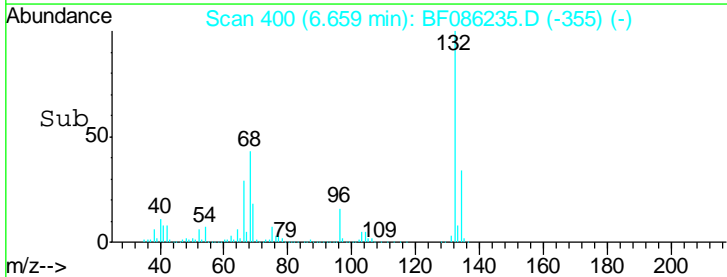
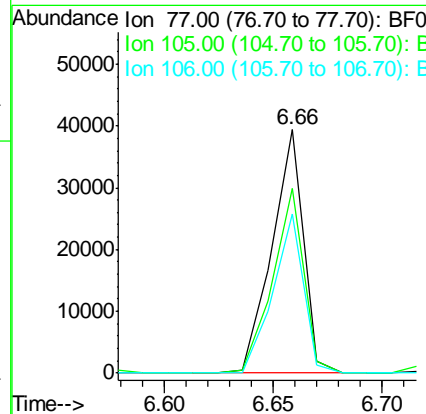
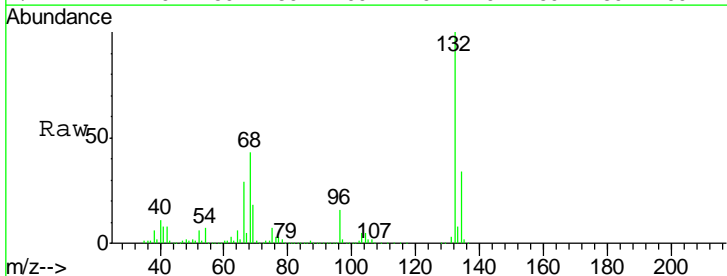
Instrument :
 BNA_F
ClientSampled :
 GW-04S-4-7-16

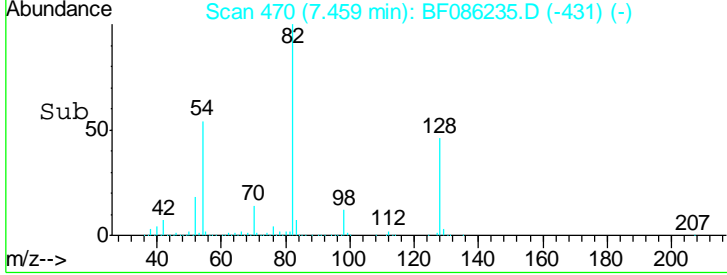
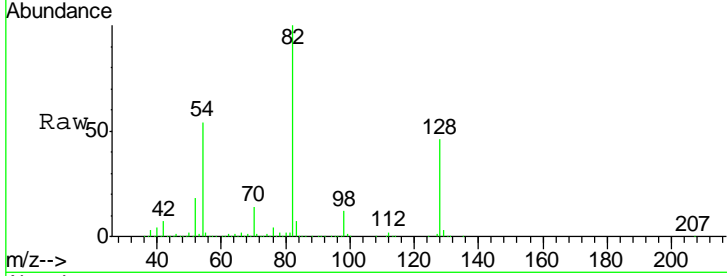
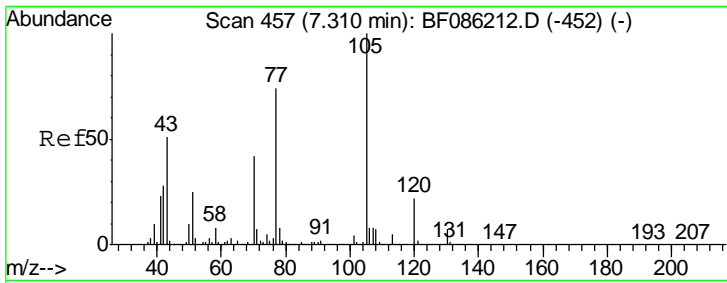
Tgt Ion	Resp	Lower	Upper
99	819982		
42	18.6	15.4	23.2
71	31.6	25.6	38.4



#9
 Benzaldehyde
 Concen: 2.52 ng
 RT: 6.66 min Scan# 400
 Delta R.T. 0.22 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
77	40077		
105	75.8	84.6	124.6#
106	65.1	78.6	118.6#

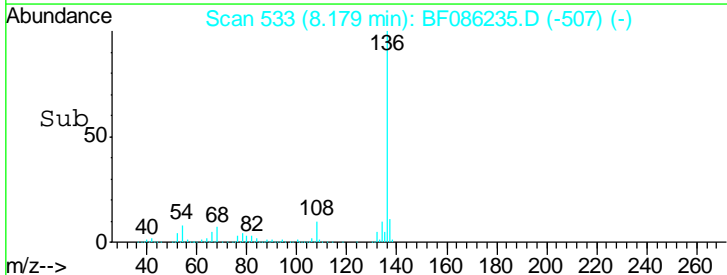
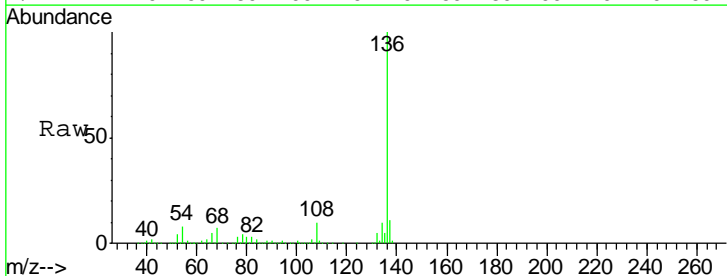
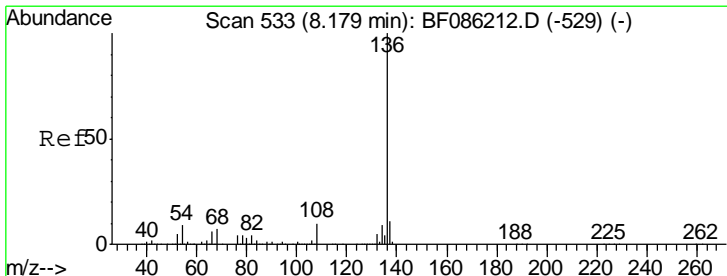
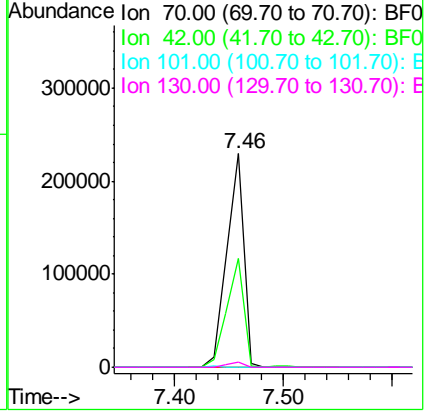




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.29 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.15 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

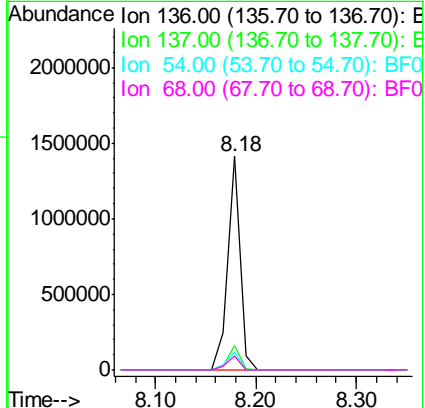
Instrument :
 BNA_F
ClientSampled :
 GW-04S-4-7-16

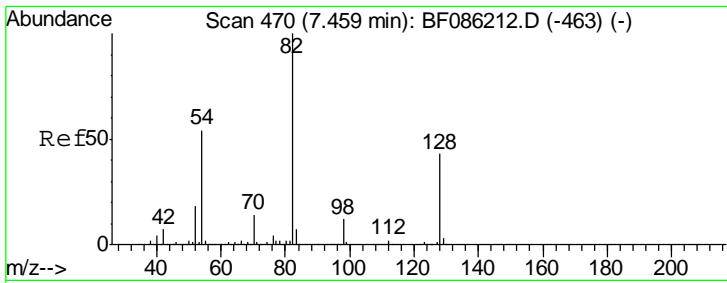
Tgt Ion	Resp	Lower	Upper
70	100		
42	50.8	43.0	64.4
101	0.0	8.1	12.1#
130	2.3	20.1	30.1#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.1	7.3	10.9
68	6.8	5.7	8.5

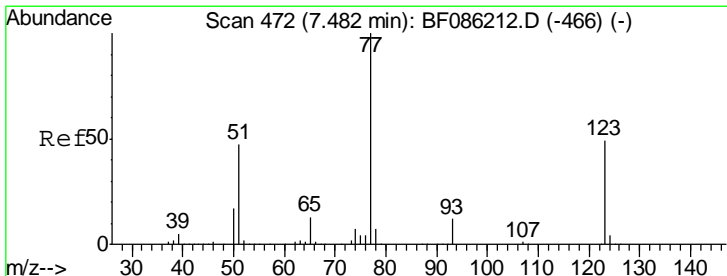
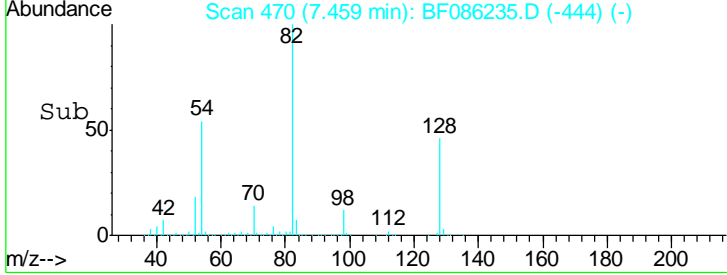
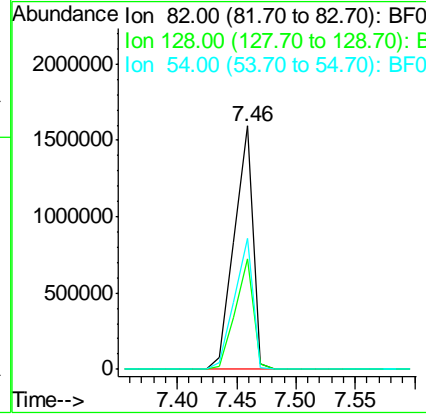
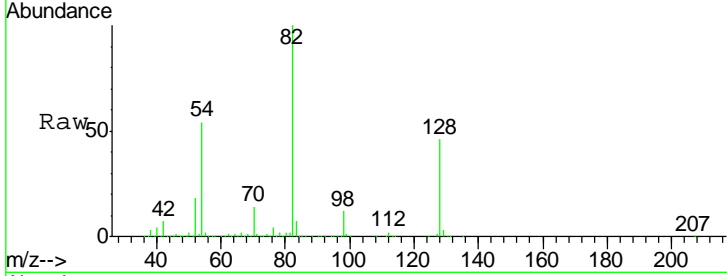




#23
 Nitrobenzene-d5
 Concen: 83.27 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

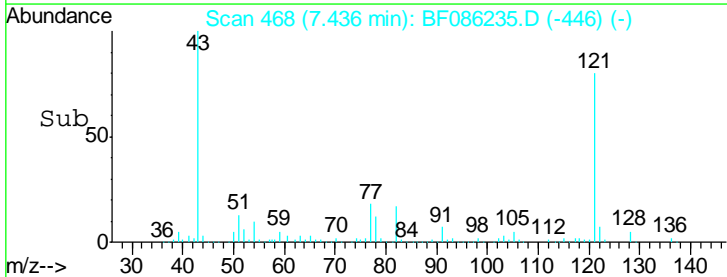
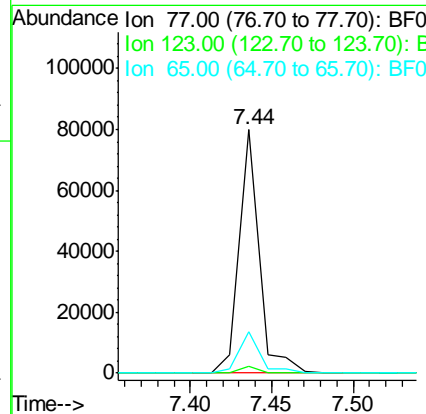
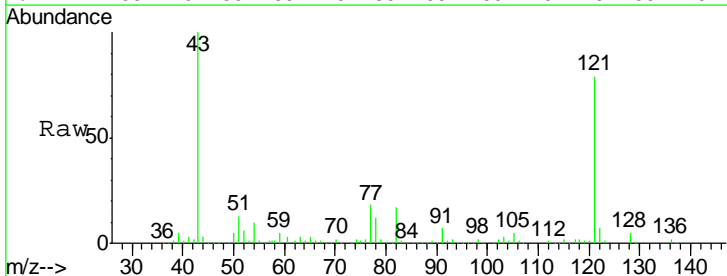
Instrument :
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ClientSampled :
 GW-04S-4-7-16

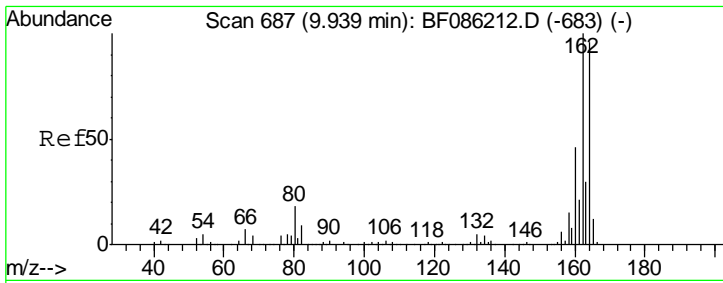
Tgt Ion	Resp	Lower	Upper
82	1740311		
128	45.5	35.4	53.2
54	53.8	43.4	65.0



#24
 Nitrobenzene
 Concen: 2.92 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
77	66811		
123	2.9	38.3	57.5#
65	17.2	11.3	16.9#

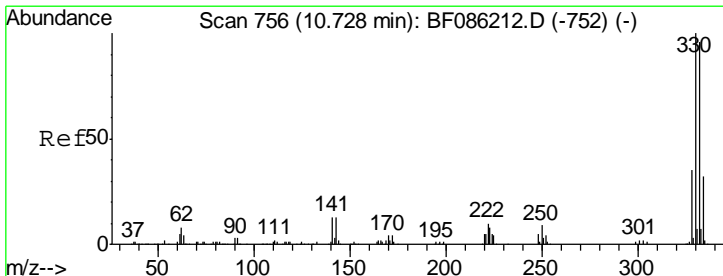
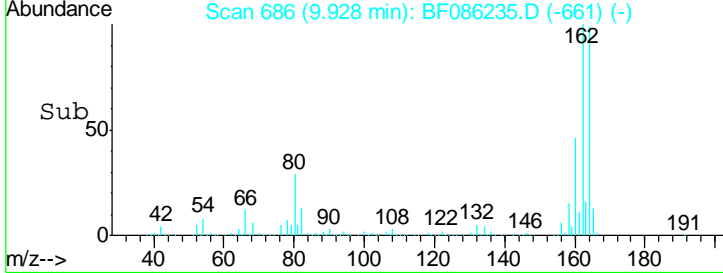
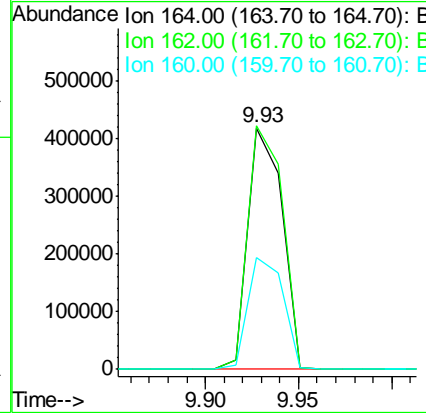
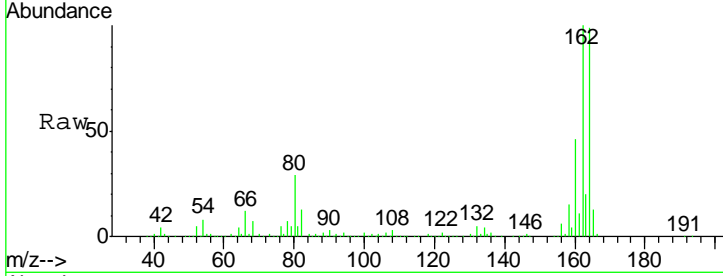




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

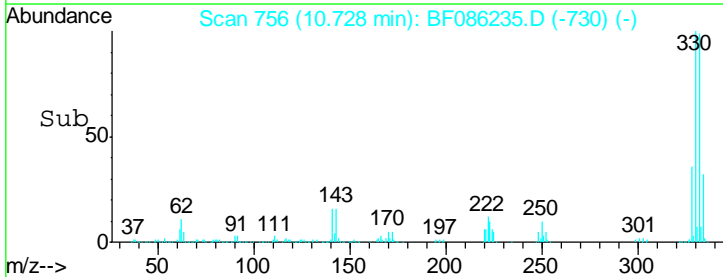
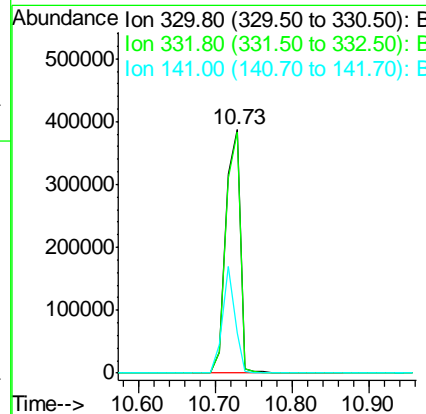
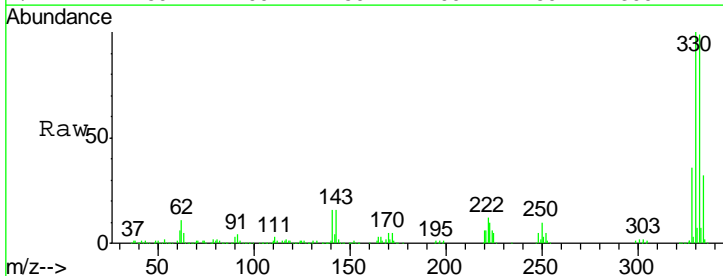
Instrument :
 BNA_F
 ClientSampleId :
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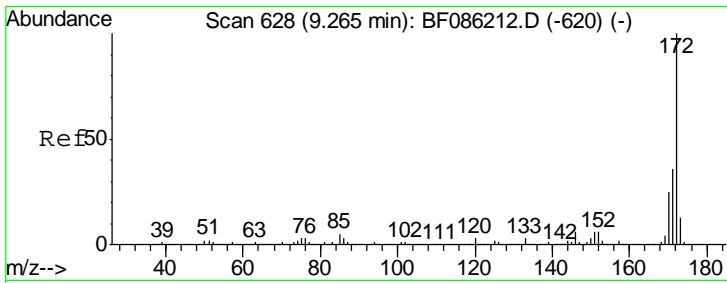
Tgt Ion	Resp	Lower	Upper
164	100		
162	101.0	82.8	124.2
160	46.1	38.9	58.3



#41
 2,4,6-Tribromophenol
 Concen: 121.24 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
330	100		
332	98.6	78.7	118.1
141	37.9	28.6	42.8



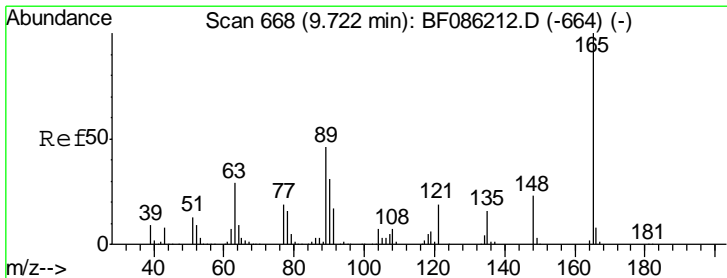
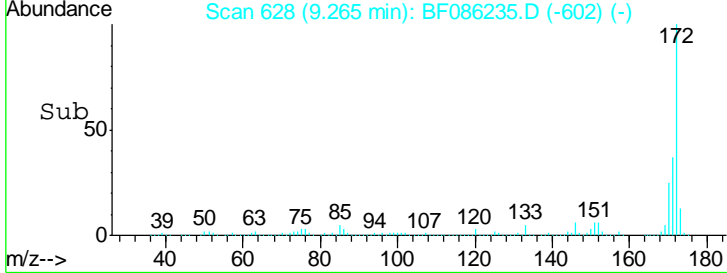
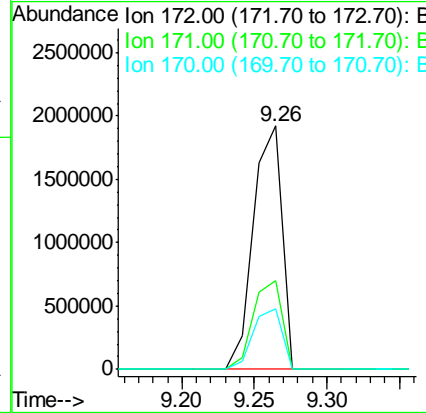
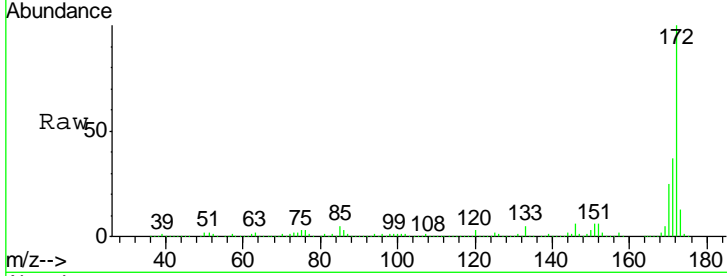


#44
 2-Fluorobiphenyl
 Concen: 91.23 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Tgt Ion:172 Resp: 2626357

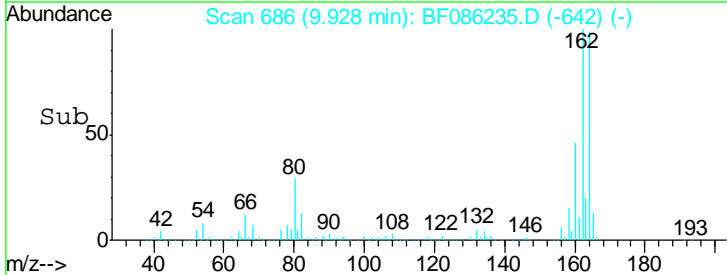
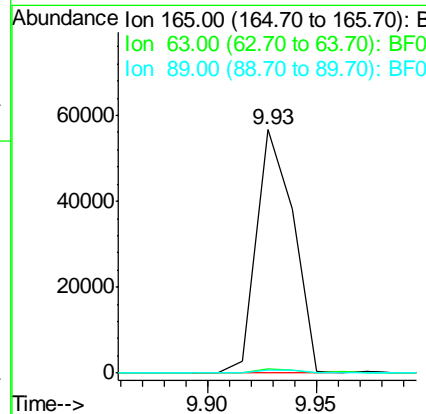
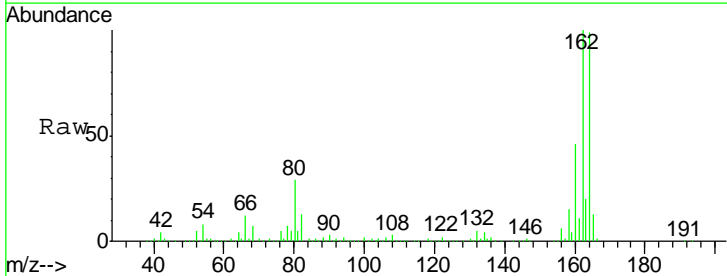
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.1	19.9	29.9

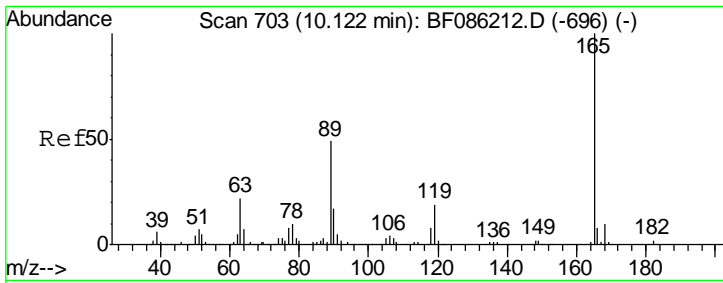


#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion:165 Resp: 67253

Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.1	52.7#
89	1.1	39.8	59.6#

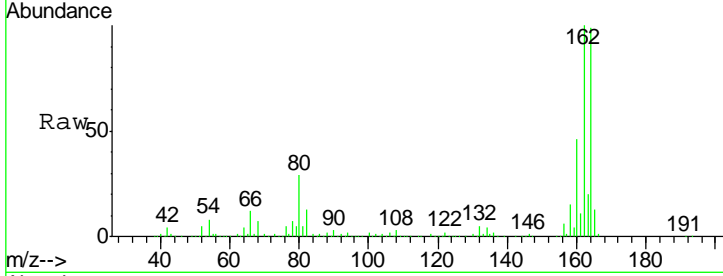




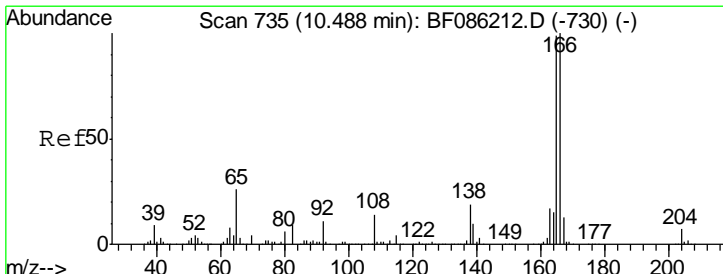
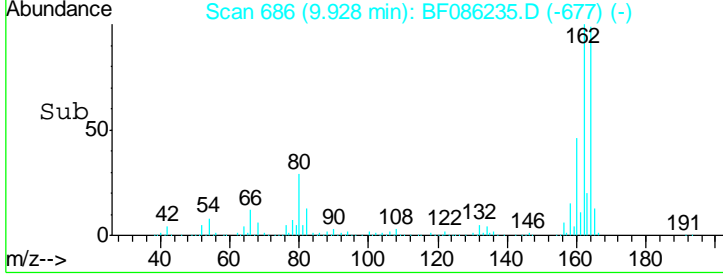
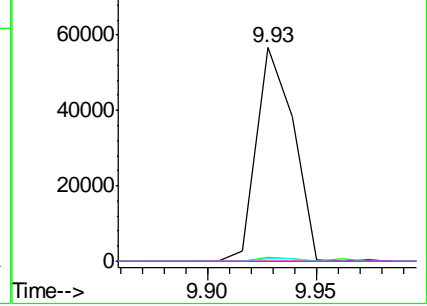
#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.5	26.6	40.0#
89	1.1	49.5	74.3#
182	0.0	1.9	2.9#

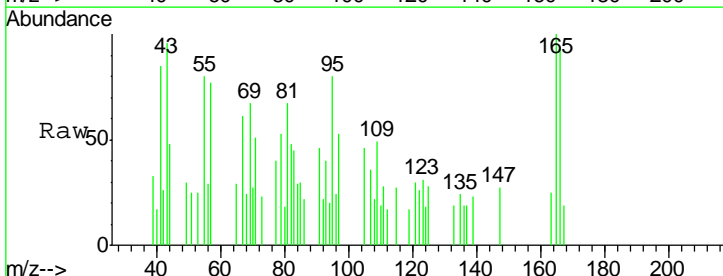


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

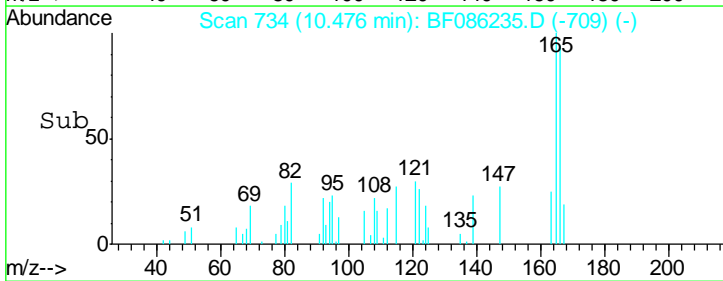
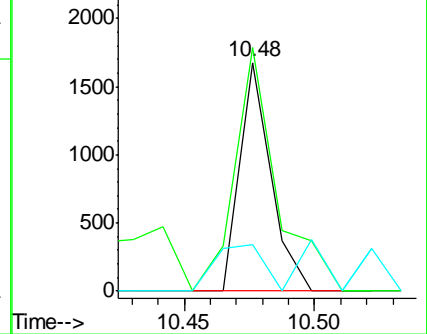


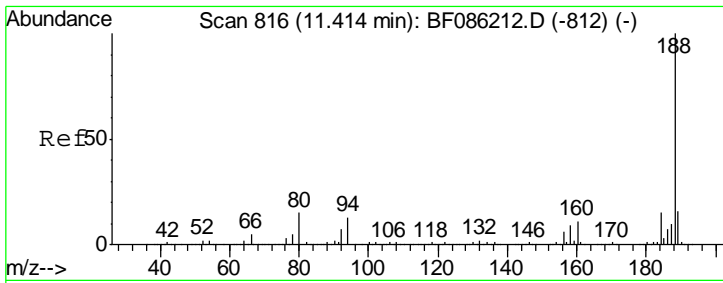
#57
 Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
166	100		
165	106.6	78.6	117.8
167	20.2	10.4	15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

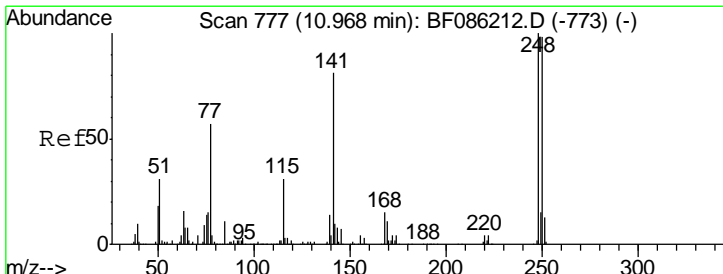
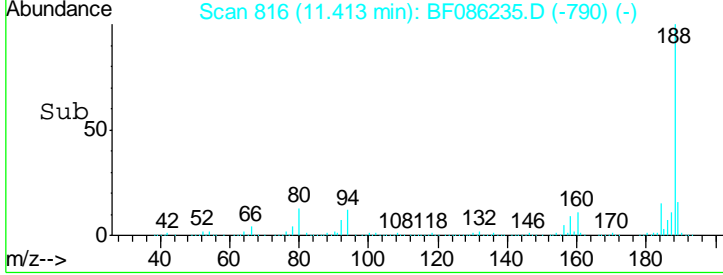
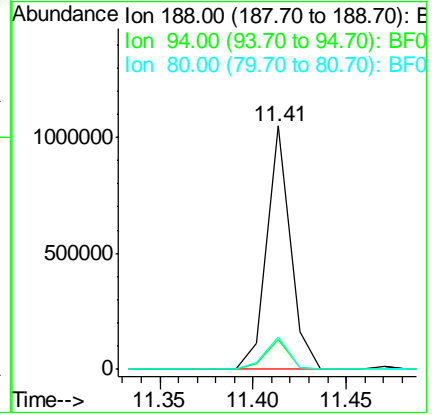
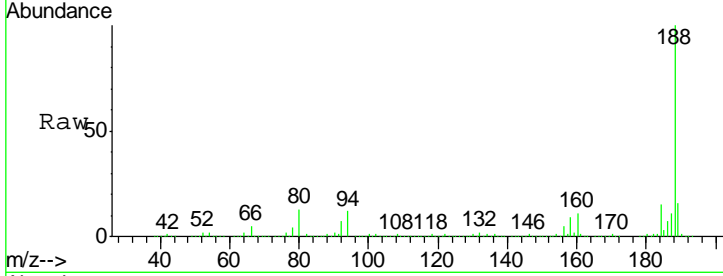




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

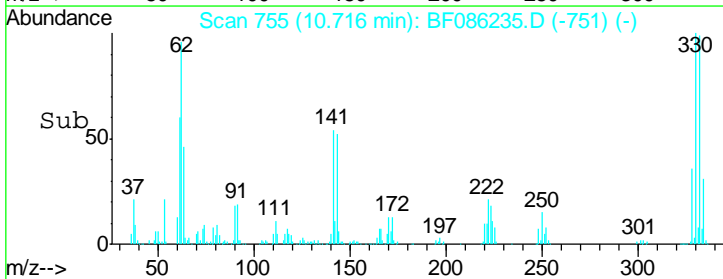
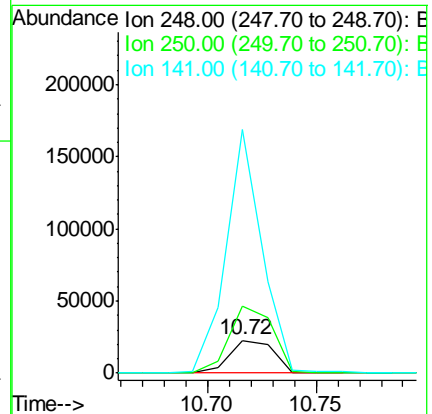
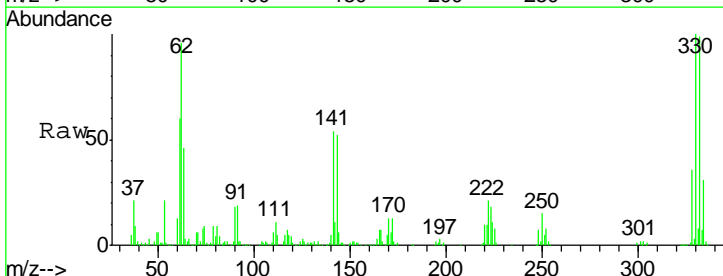
Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

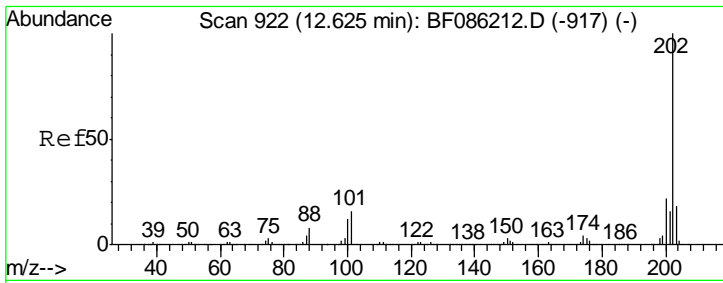
Tgt Ion	Resp	Lower	Upper
188	910280		
94	12.4	9.8	14.8
80	13.3	10.5	15.7



#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
248	32210		
250	202.3	78.6	118.0#
141	737.4	57.9	86.9#

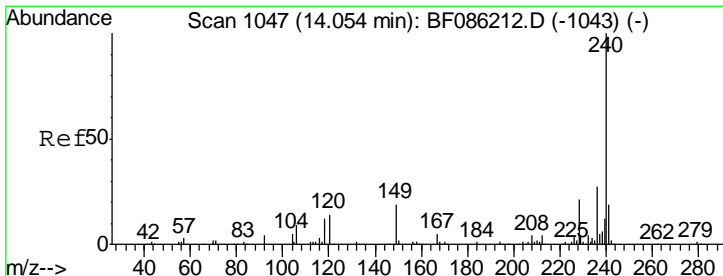
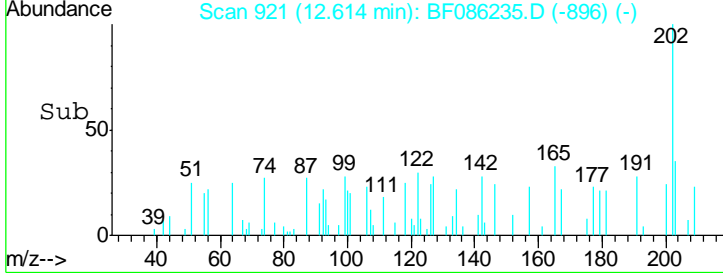
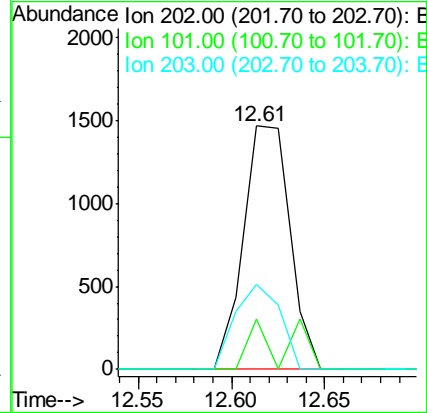
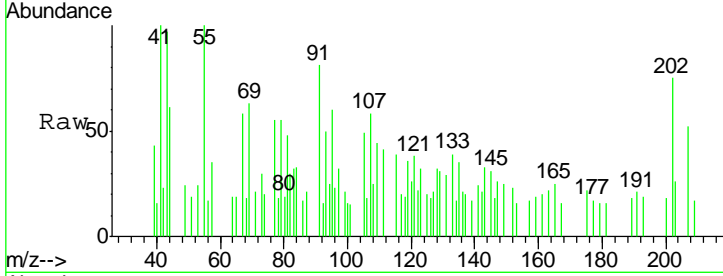




#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.61 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

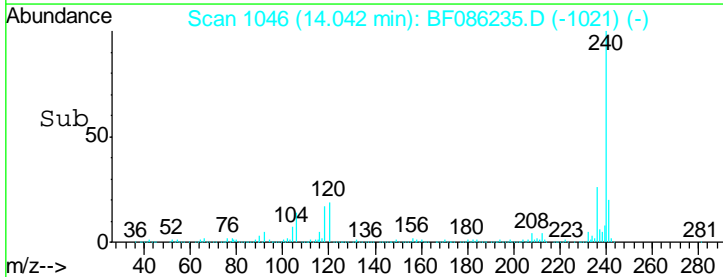
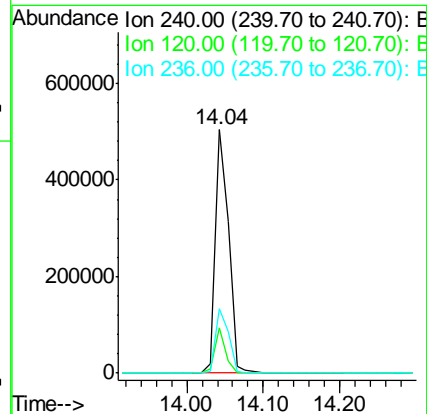
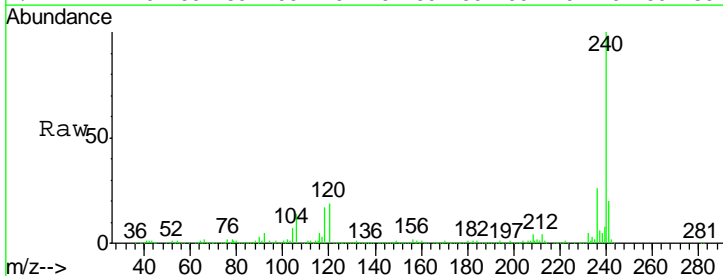
Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

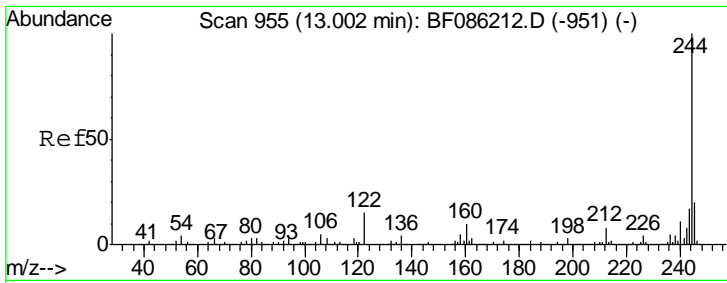
Tgt Ion	Resp	Lower	Upper
202	100		
101	20.4	0.0	35.2
203	34.6	0.0	38.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion	Resp	Lower	Upper
240	100		
120	18.7	9.3	13.9#
236	26.4	21.1	31.7



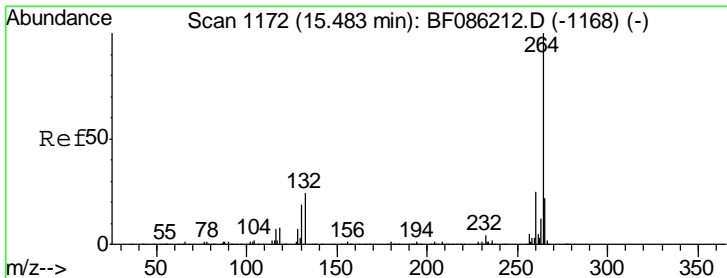
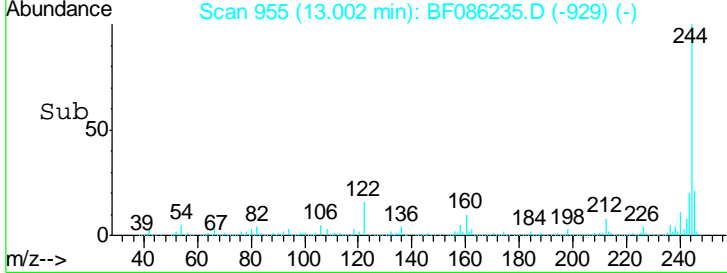
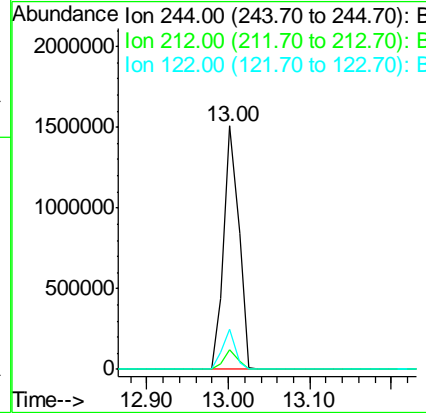
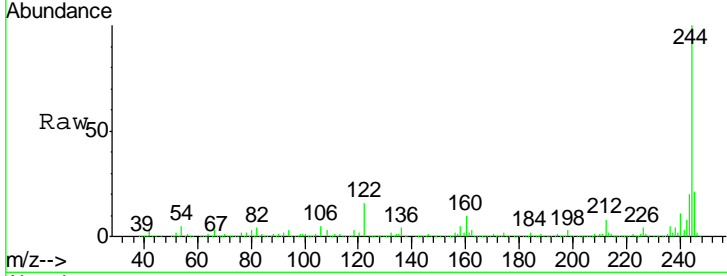


#78
 Terphenyl-d14
 Concen: 81.75 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Instrument :
 BNA_F
 ClientSampleId :
 GW-04S-4-7-16

Tgt Ion: 244 Resp: 1938943

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	16.5	11.7	17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086235.D
 Acq: 16 Apr 2016 00:03

Tgt Ion: 264 Resp: 472107

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	21.0	17.4	26.0

