

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032586.D
 Acq On : 7 Feb 2018 6:11
 Operator : SJ/JU
 Sample : J1455-06
 Misc : MDL-W-8 ppm
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 07:32:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

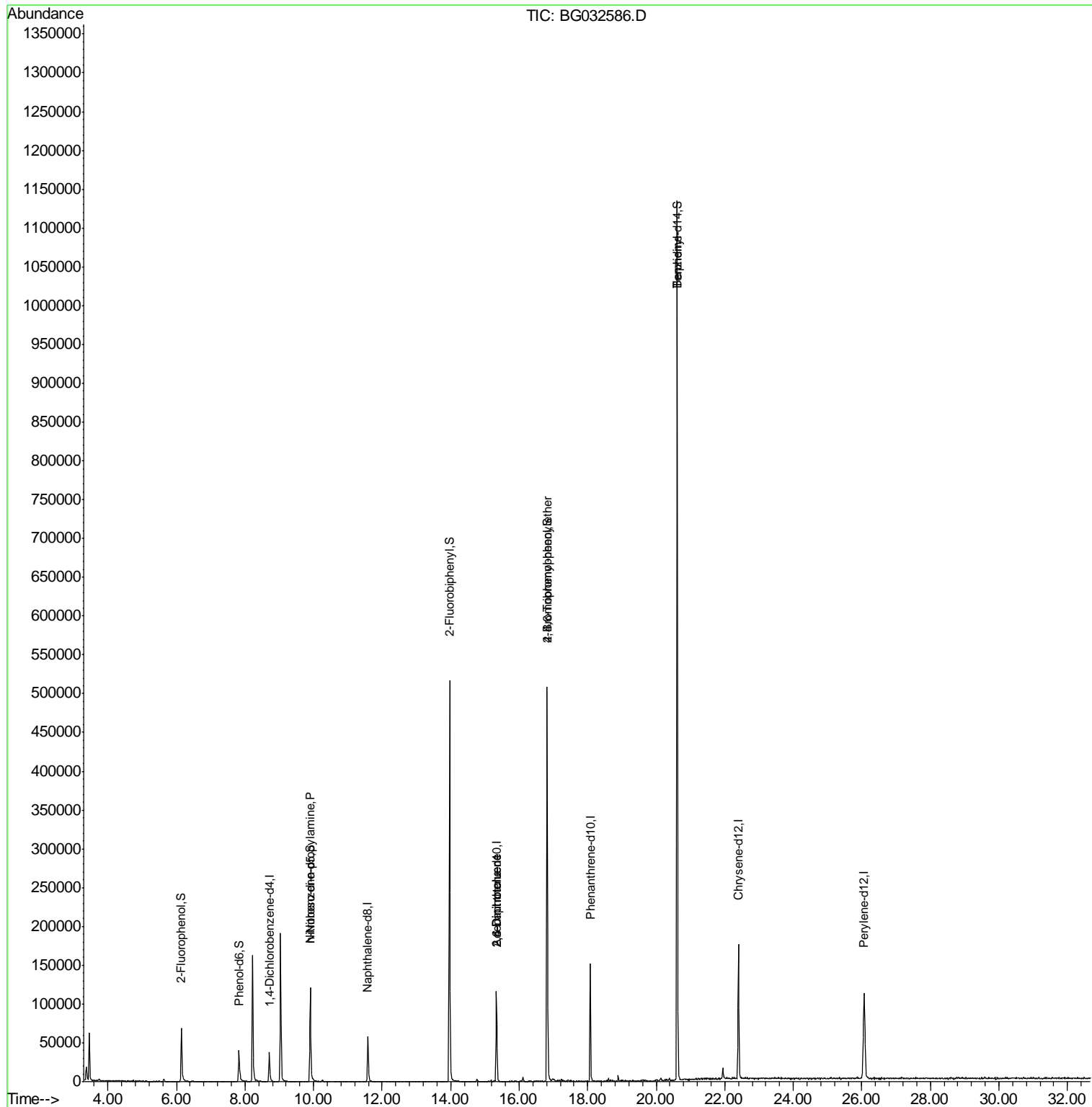
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	15477	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	67484	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	45603	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	113691	20.00	ng	0.00
75) Chrysene-d12	22.39	240	140596	20.00	ng	-0.01
86) Perylene-d12	26.06	264	164265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	43703	56.72	ng	0.00
7) Phenol-d6	7.82	99	34161	33.22	ng	0.00
23) Nitrobenzene-d5	9.91	82	84269	78.00	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	137490	158.39	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	334575	87.20	ng	0.00
78) Terphenyl-d14	20.61	244	661109	100.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.90	70	12504	18.341	ng	# 73
50) 2,6-Dinitrotoluene	15.34	165	5753	6.519	ng	# 18
56) 2,4-Dinitrotoluene	15.34	165	5753	4.578	ng	# 16
66) 4-Bromophenyl-phenylether	16.82	248	9647	5.728	ng	# 1
76) Benzidine	20.61	184	8326	3.016	ng	# 92

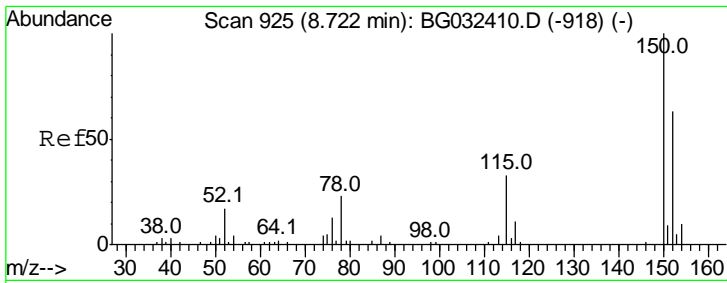
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032586.D
 Acq On : 7 Feb 2018 6:11
 Operator : SJ/JU
 Sample : J1455-06
 Misc : MDL-W-8 ppm
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :

Quant Time: Feb 07 07:32:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

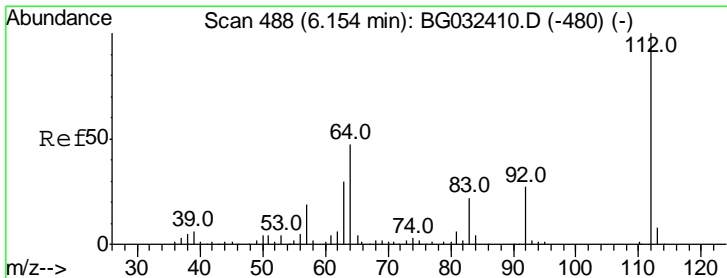
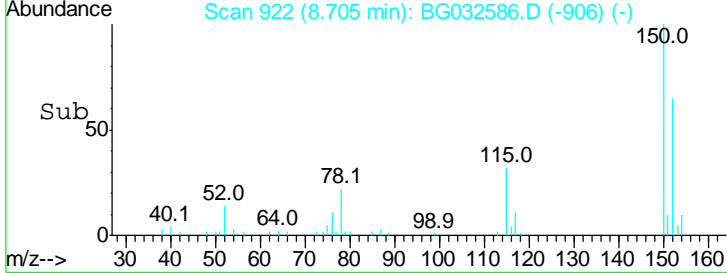
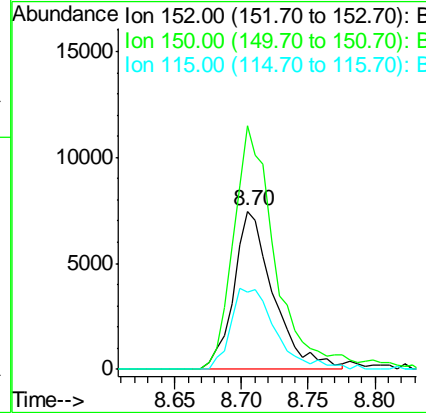
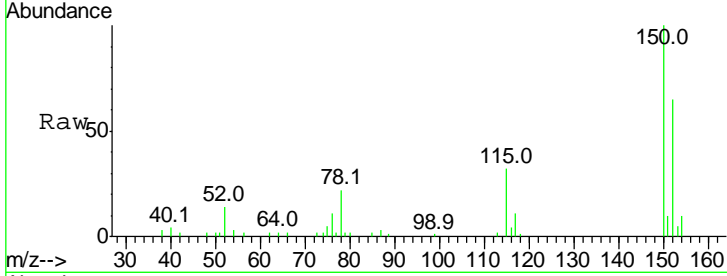




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.70 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

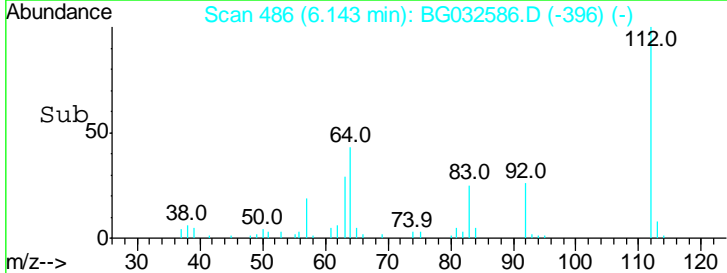
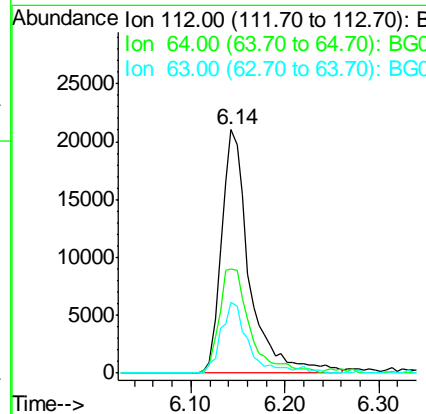
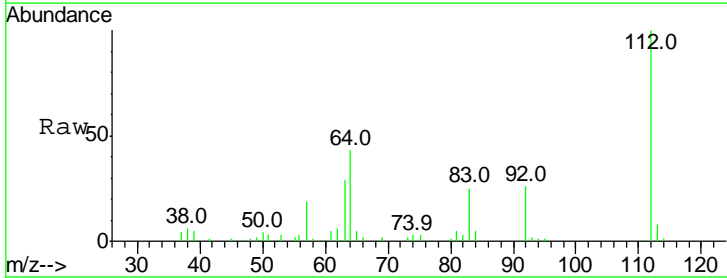
Instrument :
 BNA_G
 ClientSampled :

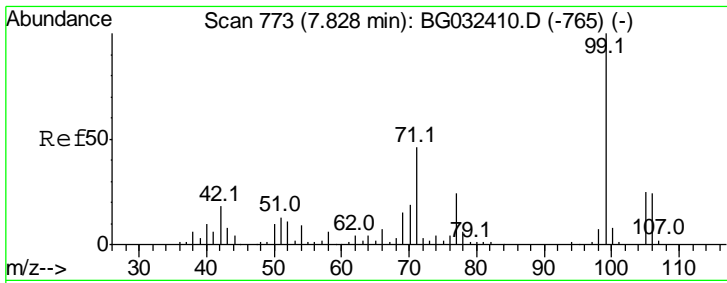
Tgt Ion	Resp	Lower	Upper
152	15477		
152	100		
150	153.9	126.6	189.8
115	49.0	53.0	79.4#



#5
 2-Fluorophenol
 Concen: 56.716 ng
 RT: 6.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
112	43703		
112	100		
64	42.6	56.3	84.5#
63	29.3	30.1	45.1#

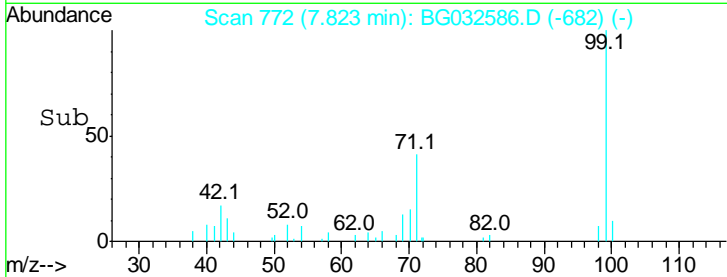
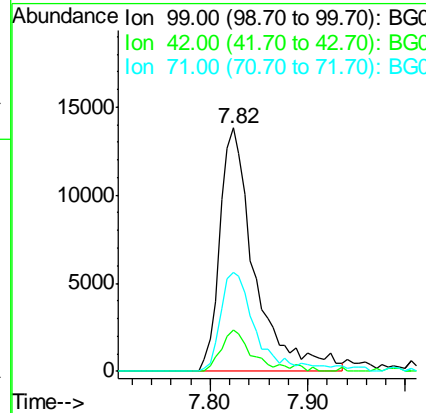
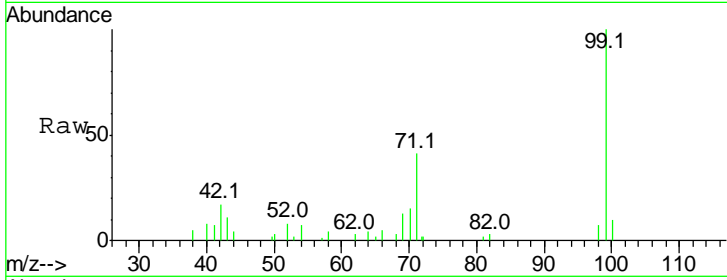




#7
 Phenol-d6
 Concen: 33.223 ng
 RT: 7.82 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

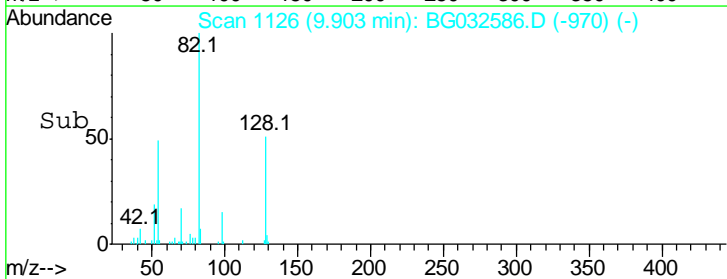
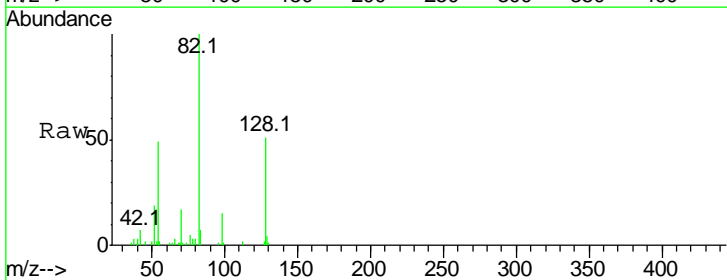
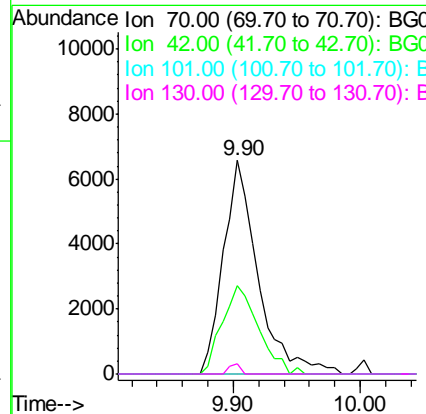
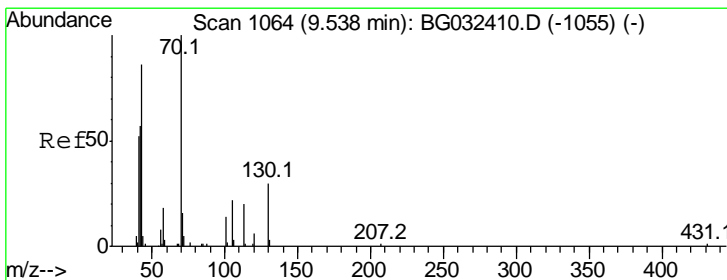
Instrument :
 BNA_G
 ClientSampled :

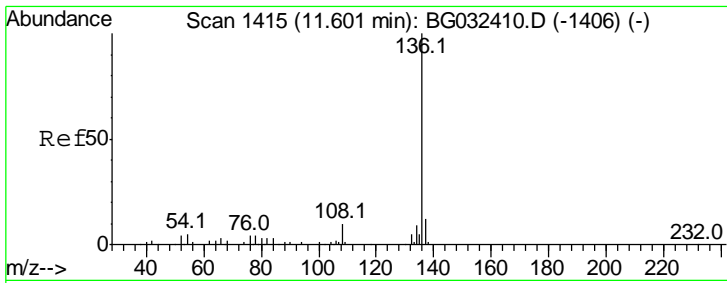
Tgt Ion	Resp	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	40.6	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 18.341 ng
 RT: 9.90 min Scan# 1126
 Delta R.T. 0.39 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
70	100		
42	41.3	49.1	73.7#
101	0.0	8.5	12.7#
130	5.0	13.4	20.0#

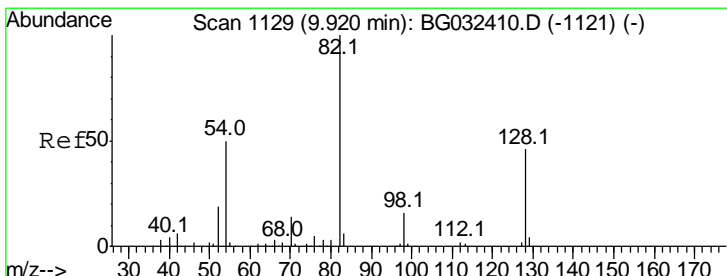
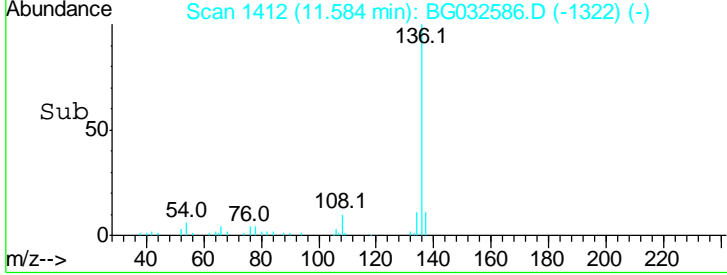
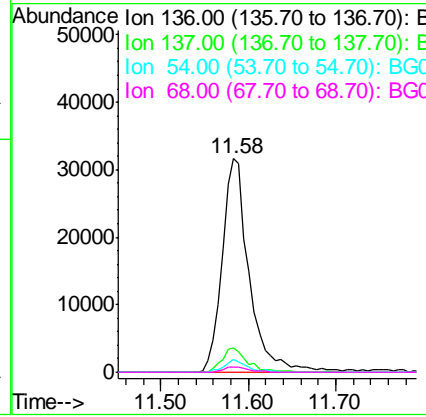
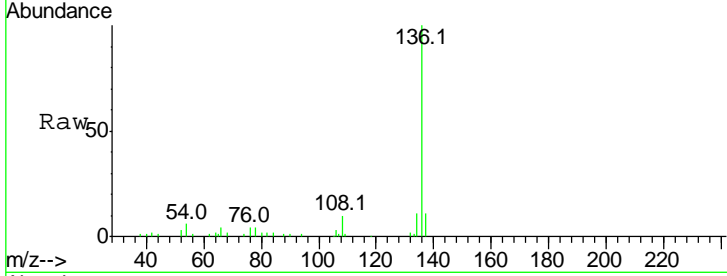




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.58 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

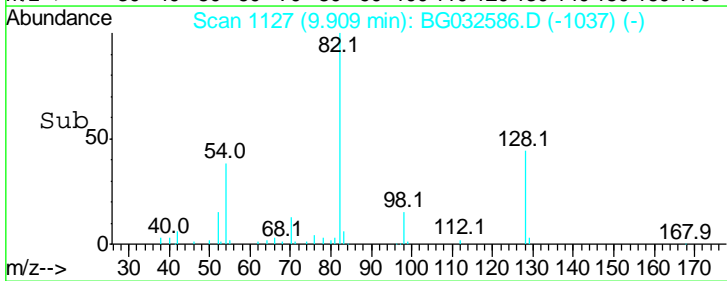
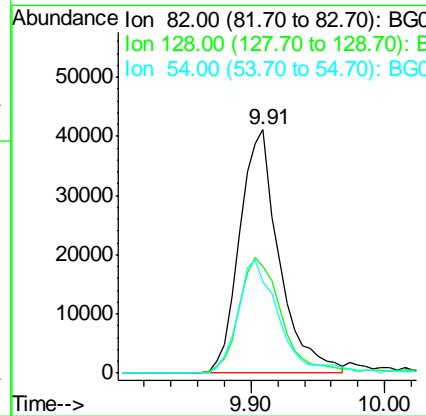
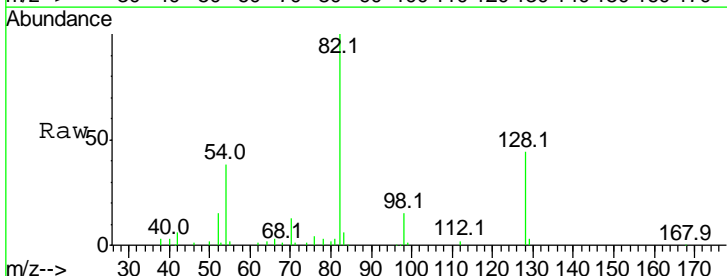
Instrument :
 BNA_G
 ClientSampled :

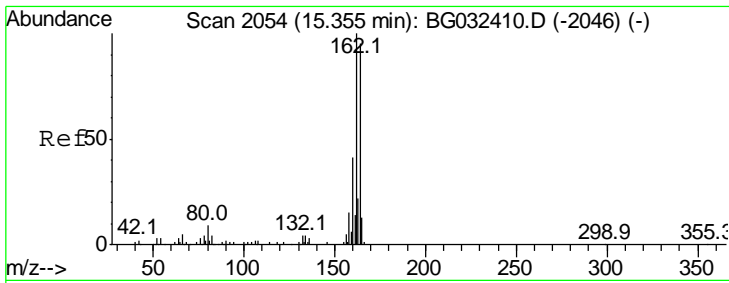
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.2	10.3	15.5#
68	2.4	4.5	6.7#



#23
 Nitrobenzene-d5
 Concen: 77.996 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	37.6	43.1	64.7#

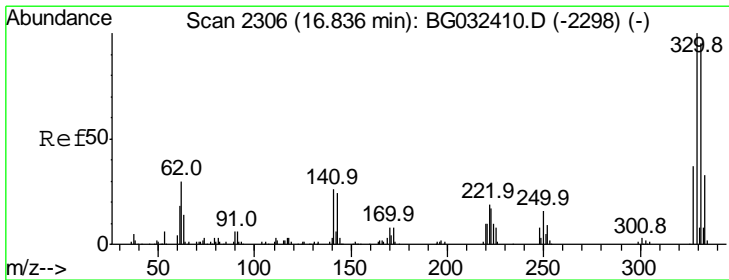
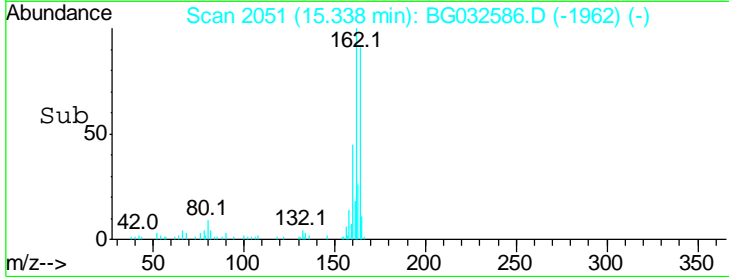
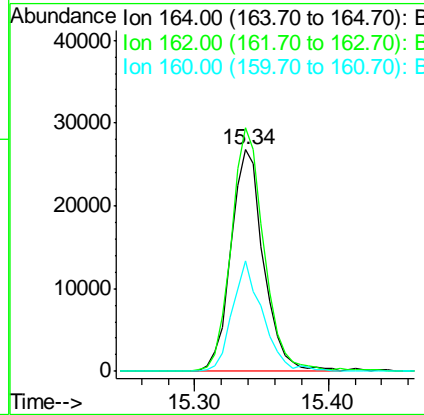
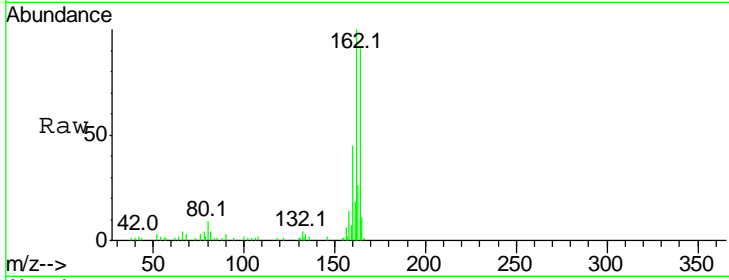




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

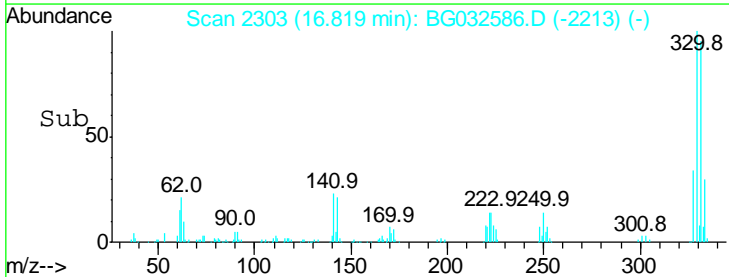
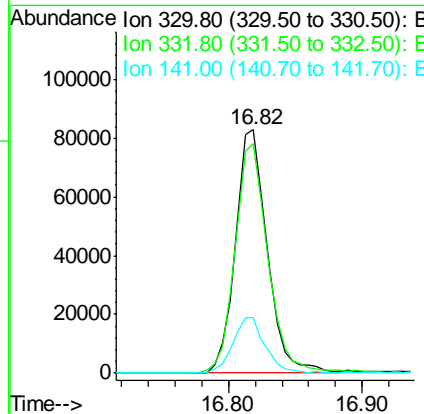
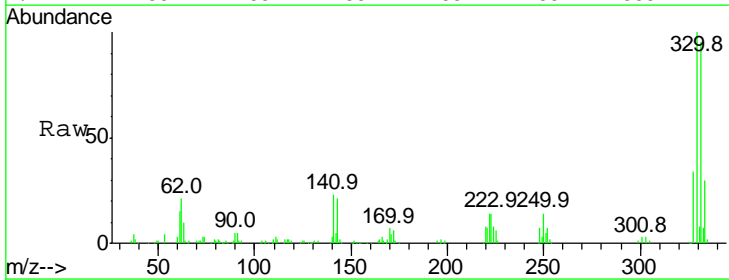
Instrument :
 BNA_G
 ClientSampled :

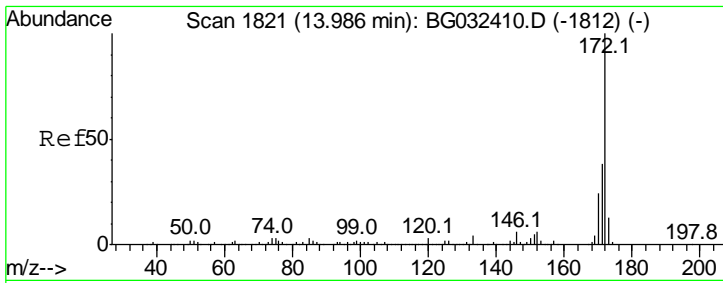
Tgt Ion	Resp	Lower	Upper
164	100		
162	110.0	78.8	118.2
160	50.0	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 158.389 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	23.2	25.2	37.8#

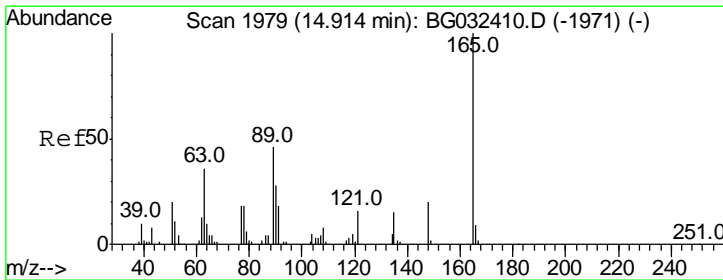
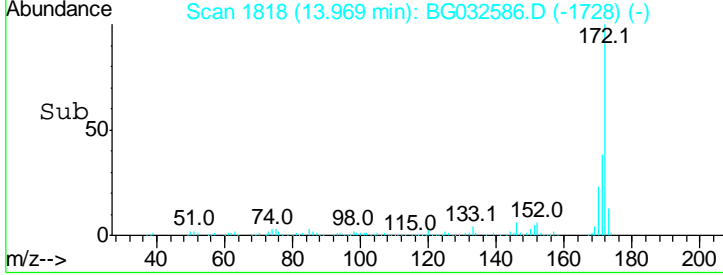
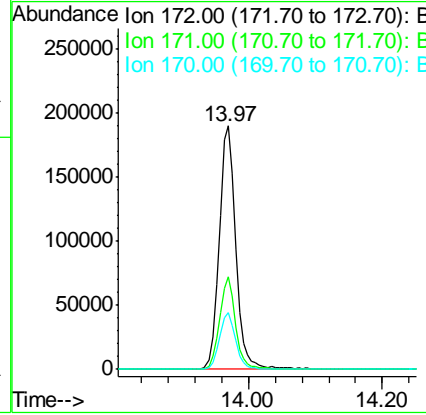
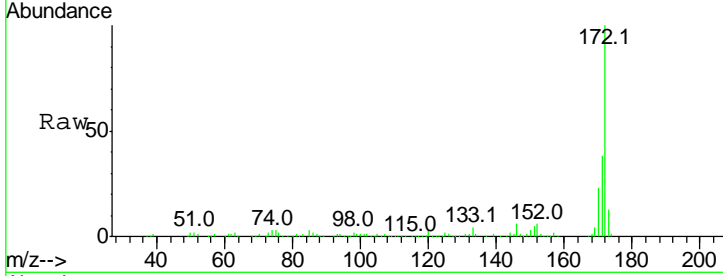




#44
 2-Fluorobiphenyl
 Concen: 87.201 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

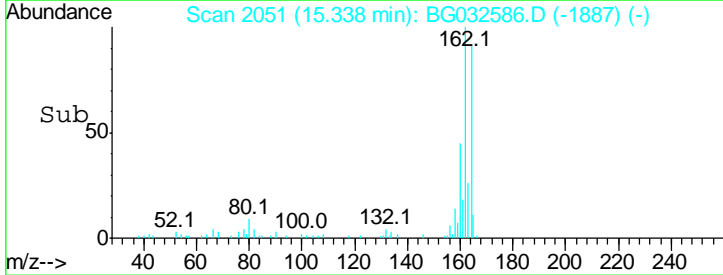
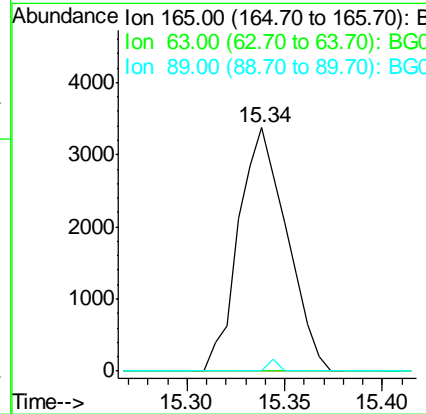
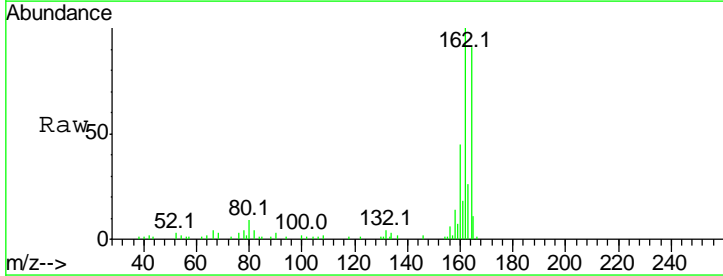
Instrument :
 BNA_G
 ClientSampled :

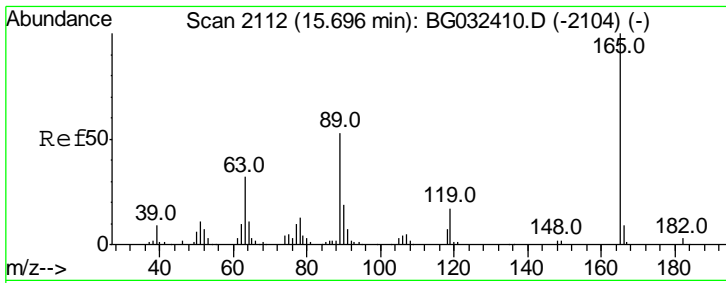
Tgt Ion	Resp	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.5	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.519 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.44 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

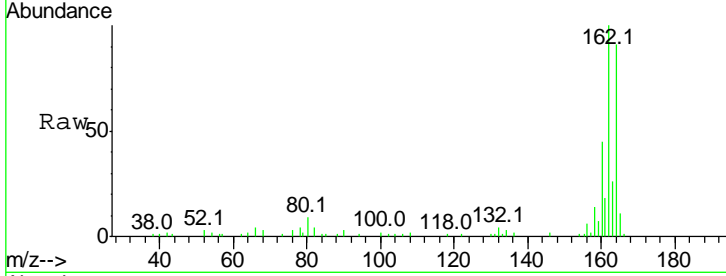




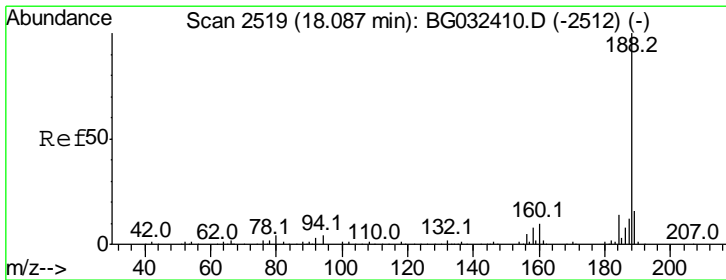
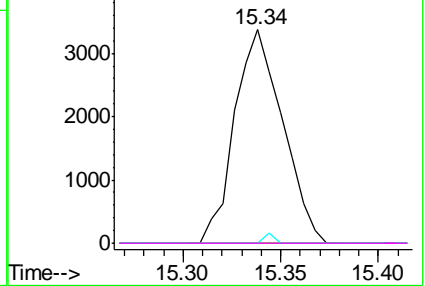
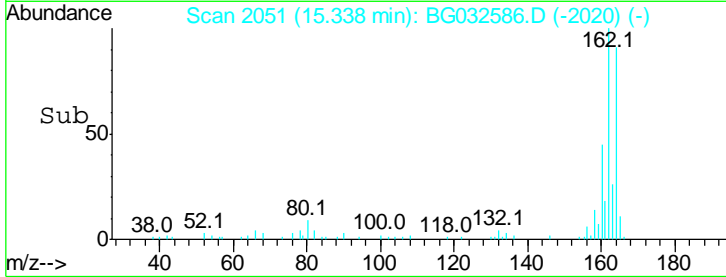
#56
 2,4-Dinitrotoluene
 Concen: 4.578 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.35 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

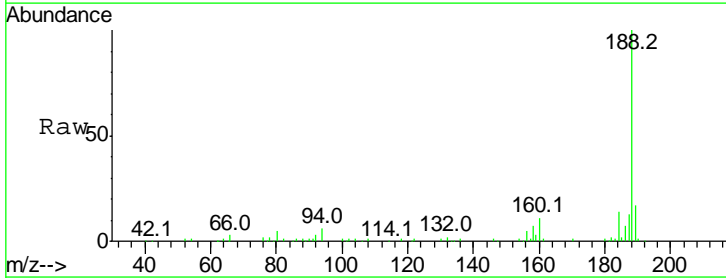


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGD
 Ion 89.00 (88.70 to 89.70): BGD
 Ion 182.00 (181.70 to 182.70): E

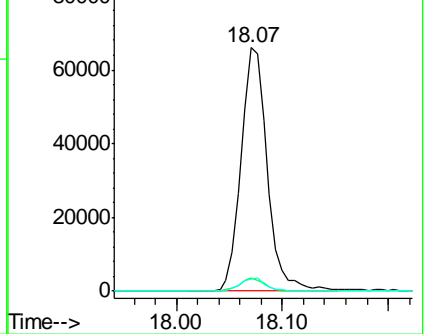
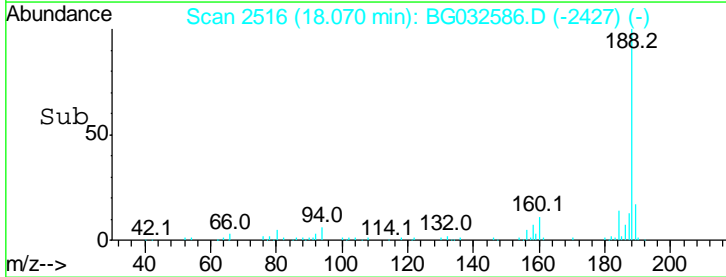


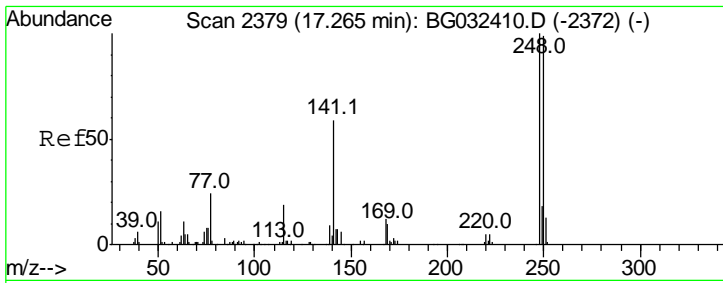
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	4.7	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGD
 Ion 80.00 (79.70 to 80.70): BGD

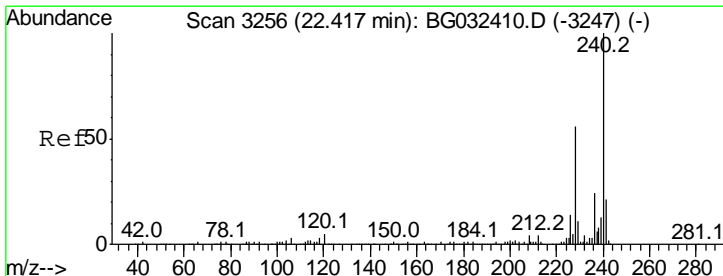
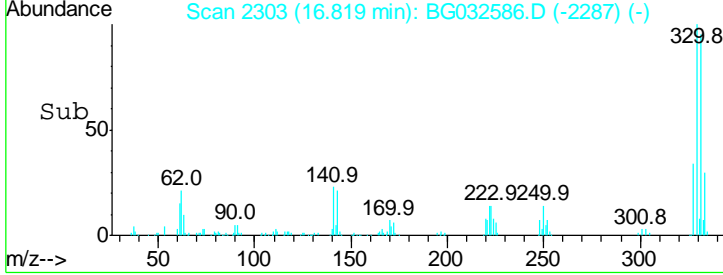
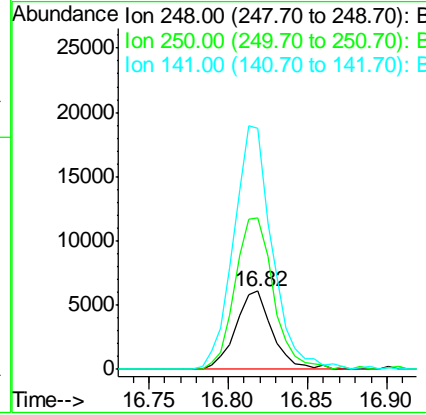
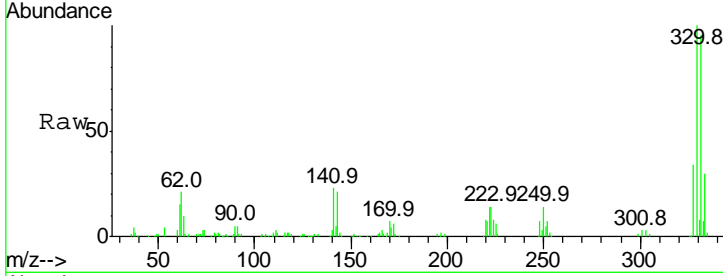




#66
 4-Bromophenyl-phenylether
 Concen: 5.728 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.43 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

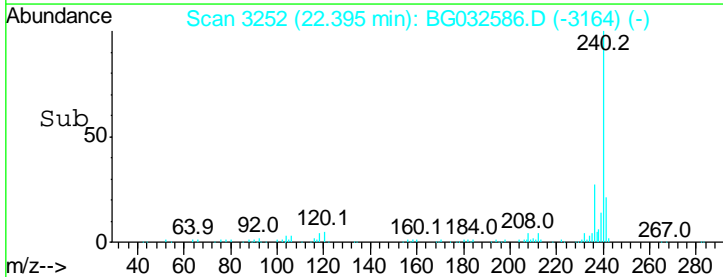
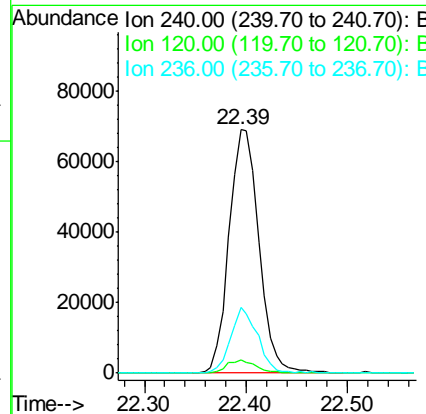
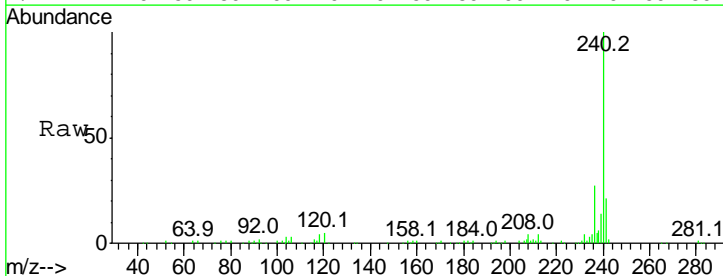
Instrument :
 BNA_G
 ClientSampled :

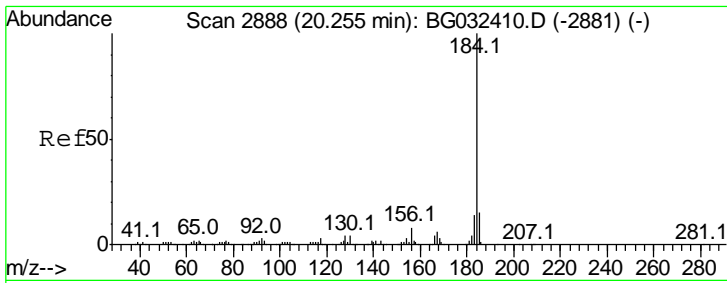
Tgt Ion	Resp	Lower	Upper
248	100		
250	194.3	77.1	115.7#
141	308.8	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.39 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	27.1	20.9	31.3

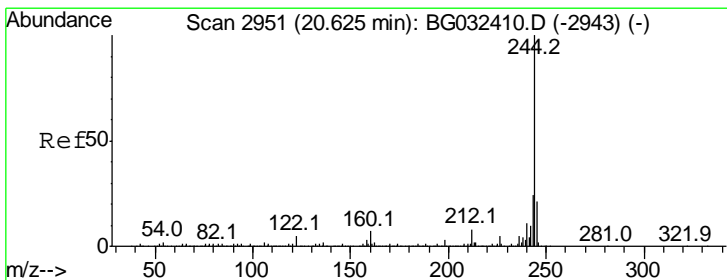
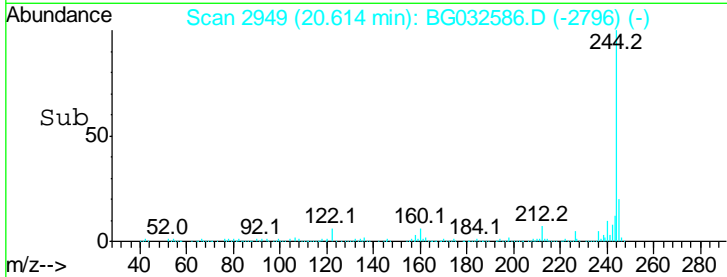
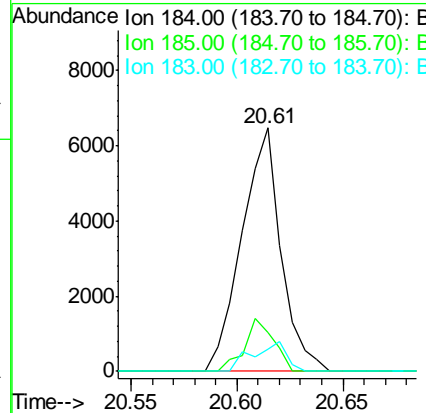
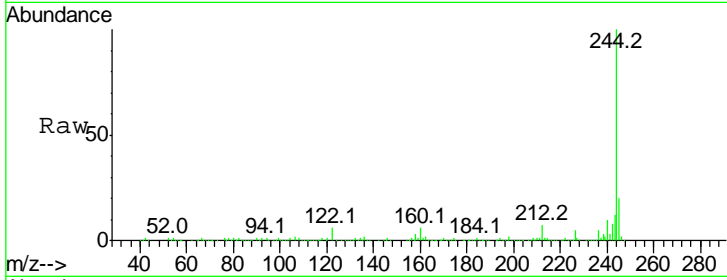




#76
Benzidine
Concen: 3.016 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.37 min
Lab File: BG032586.D
Acq: 7 Feb 2018 6:11

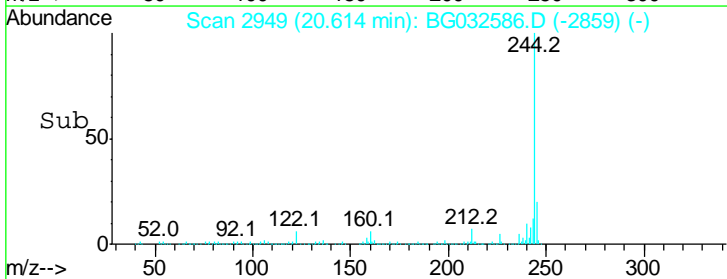
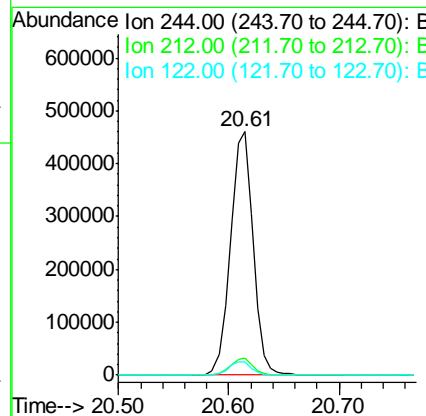
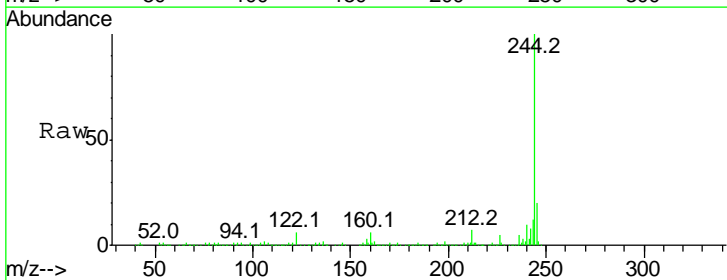
Instrument :
BNA_G
ClientSampled :

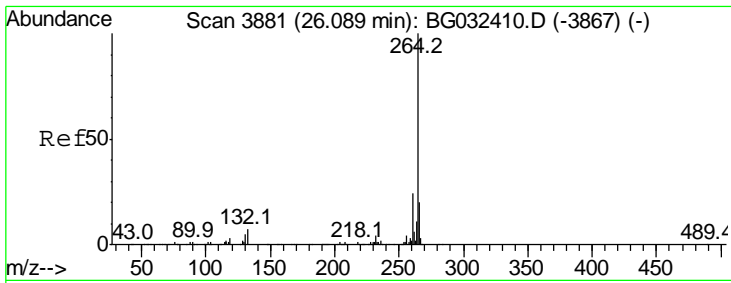
Tgt Ion	Resp	Lower	Upper
184	100		
185	15.8	11.1	16.7
183	8.9	10.6	16.0#



#78
Terphenyl-d14
Concen: 100.725 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032586.D
Acq: 7 Feb 2018 6:11

Tgt Ion	Resp	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	5.7	7.0	10.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032586.D
 Acq: 7 Feb 2018 6:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 264 Resp: 164265

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.4	26.0
265	20.9	17.7	26.5

