

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032640.D
 Acq On : 9 Feb 2018 20:50
 Operator : SJ/JU
 Sample : J1512-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 23:22:38 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

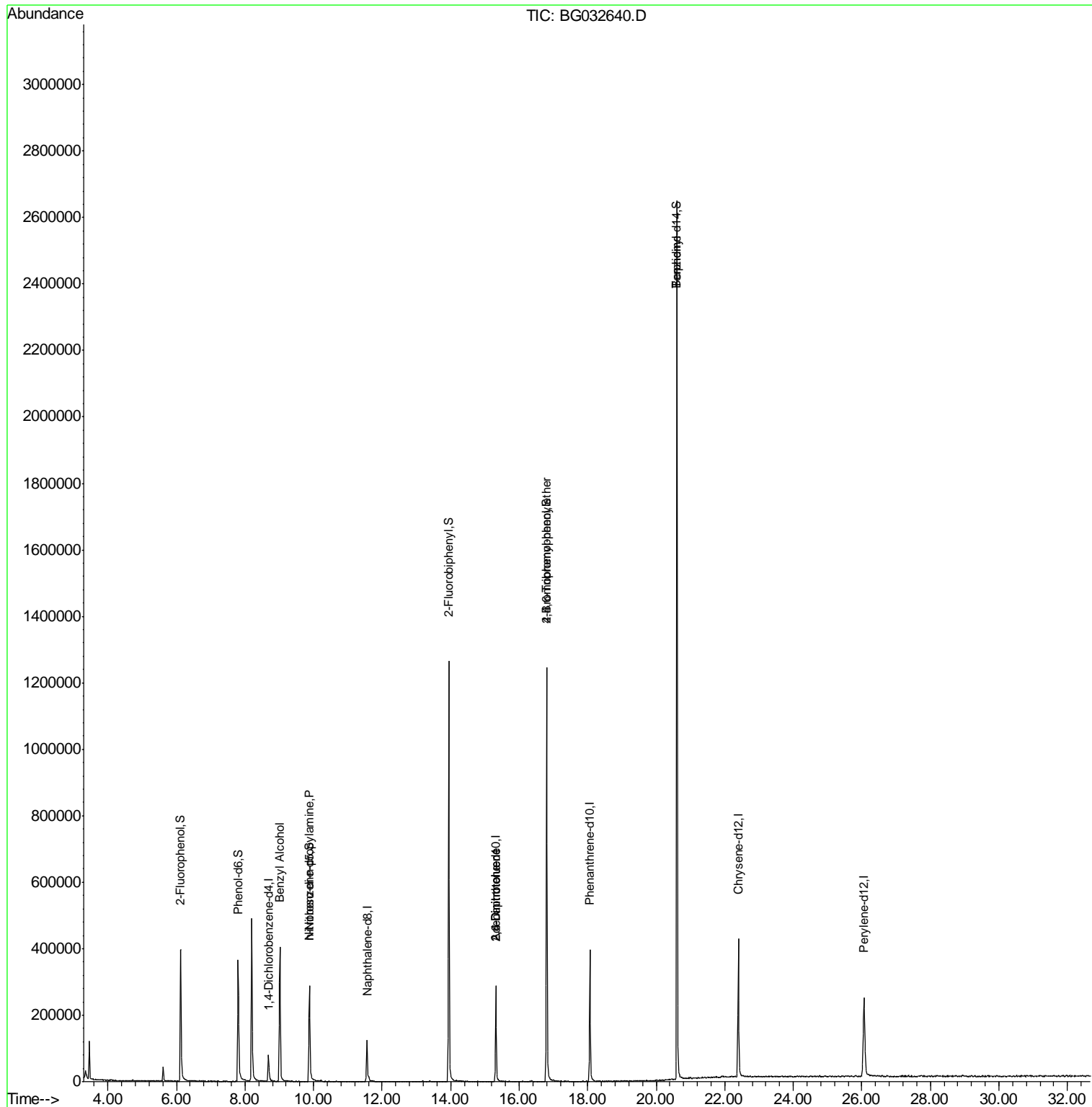
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	29339	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	129621	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	115246	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	317881	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	352398	20.00	ng	-0.01
86) Perylene-d12	26.06	264	350606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	213944	146.47	ng	-0.02
7) Phenol-d6	7.80	99	244894	125.64	ng	-0.02
23) Nitrobenzene-d5	9.88	82	210653	101.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	281730	128.43	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	787369	81.20	ng	-0.02
78) Terphenyl-d14	20.60	244	1501564	91.27	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	9.01	79	3504	2.18	ng	# 44
19) n-Nitroso-di-n-propylamine	9.88	70	30260	23.41	ng	# 74
50) 2,6-Dinitrotoluene	15.31	165	14856	6.66	ng	# 18
56) 2,4-Dinitrotoluene	15.31	165	14856	4.68	ng	# 16
66) 4-Bromophenyl-phenylether	16.80	248	25098	5.33	ng	# 1
76) Benzidine	20.60	184	23879	3.45	ng	# 91

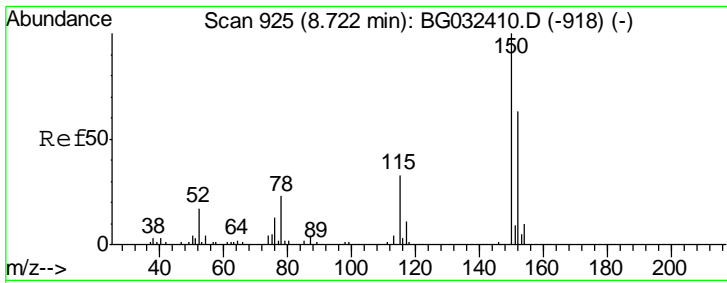
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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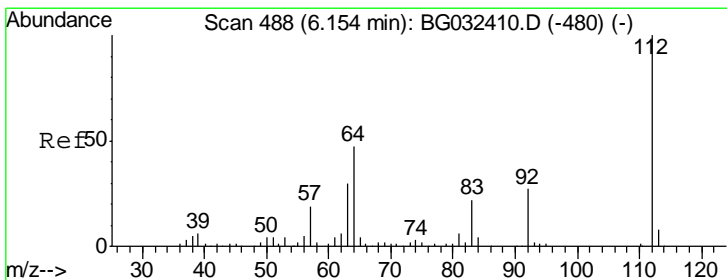
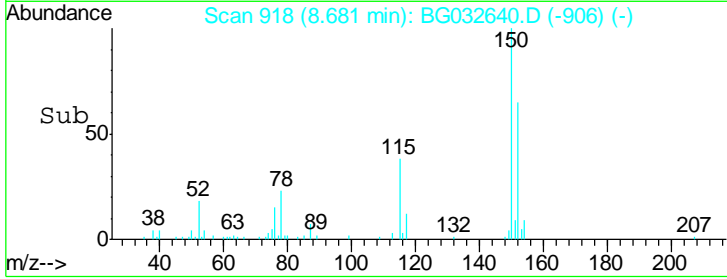
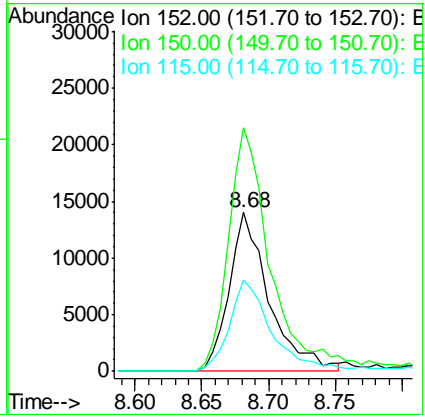
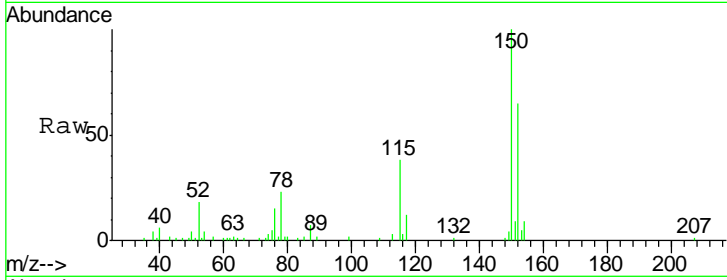




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.68 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

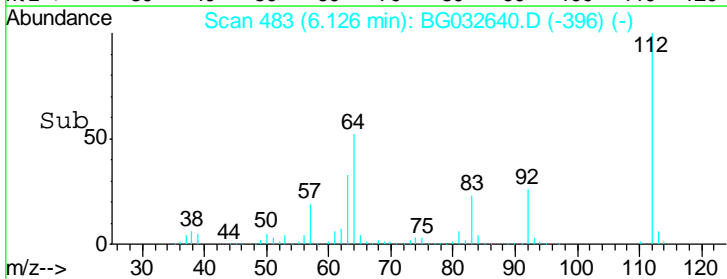
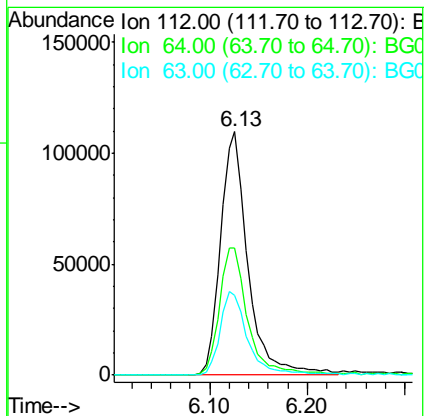
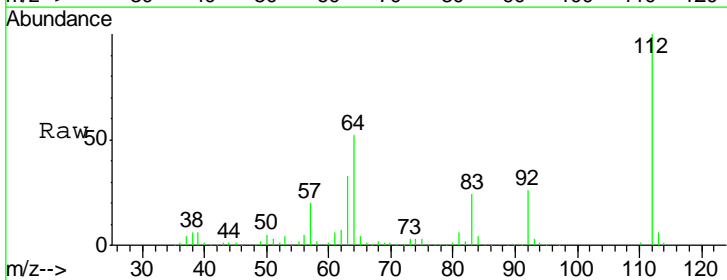
Instrument :
 BNA_G
 ClientSampled :

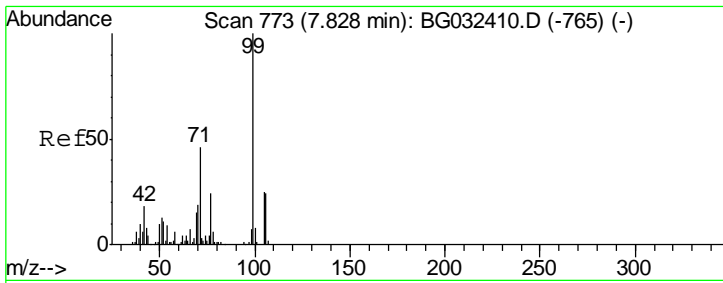
Tgt Ion	Resp	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	57.7	53.0	79.4



#5
 2-Fluorophenol
 Concen: 146.47 ng
 RT: 6.13 min Scan# 483
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
112	100		
64	52.0	56.3	84.5#
63	33.0	30.1	45.1

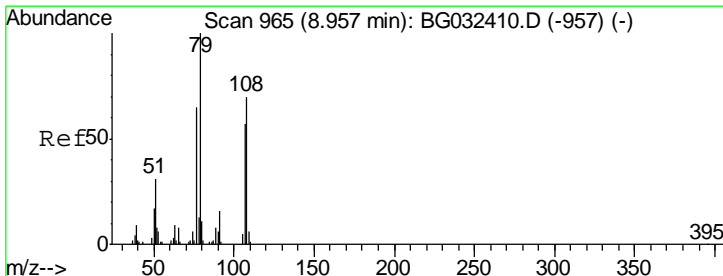
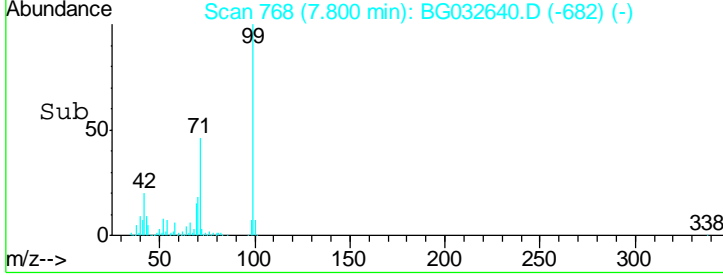
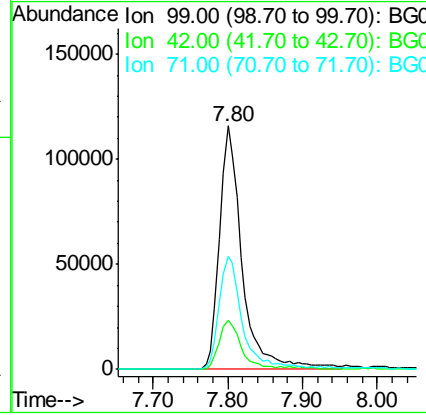
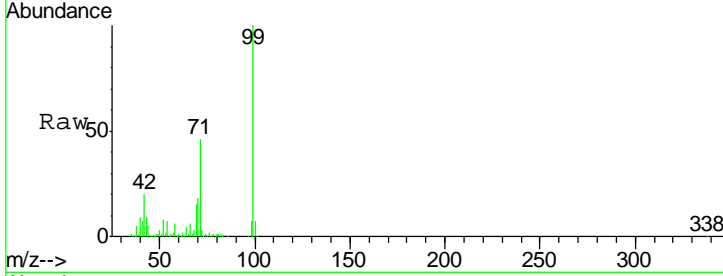




#7
 Phenol-d6
 Concen: 125.64 ng
 RT: 7.80 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

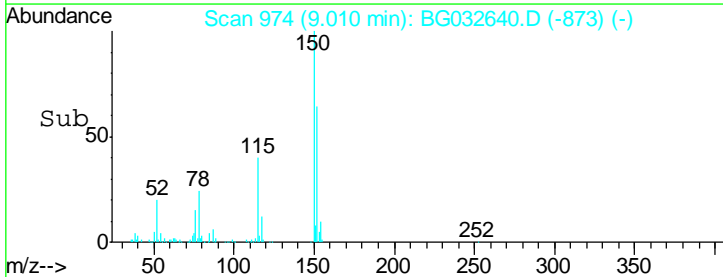
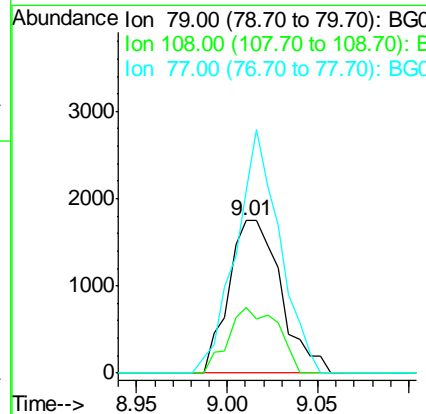
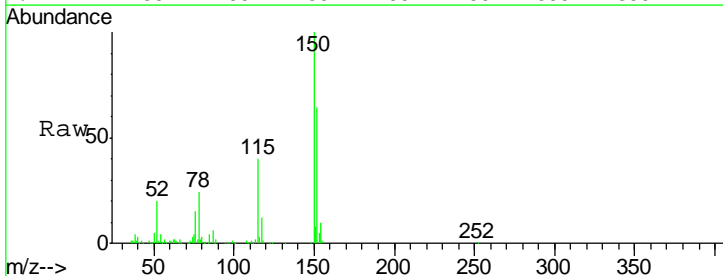
Instrument :
 BNA_G
 ClientSampled :

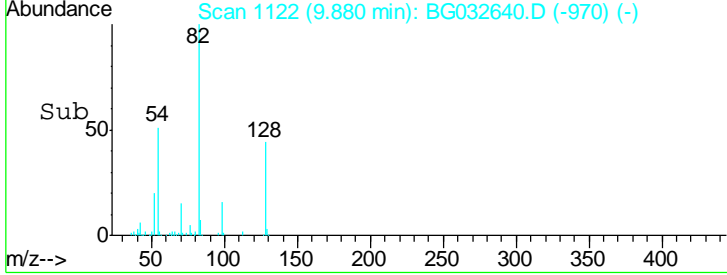
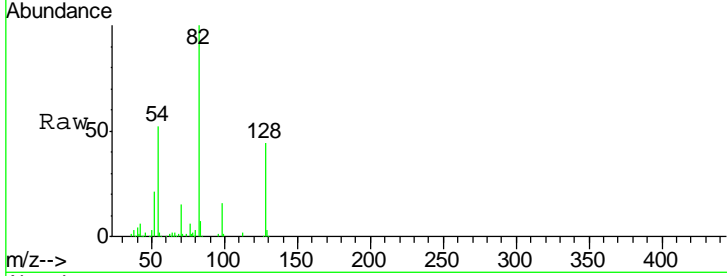
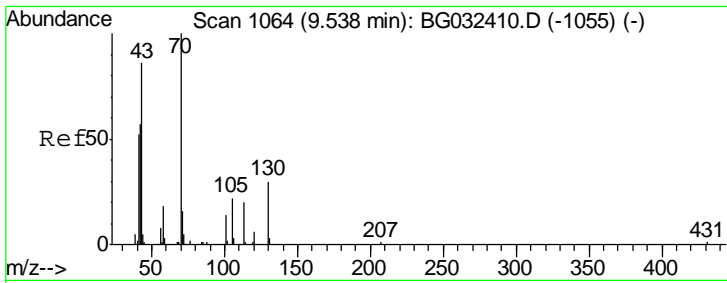
Tgt Ion	Resp	Lower	Upper
99	244894		
42	19.9	14.1	21.1
71	46.3	26.1	39.1#



#15
 Benzyl Alcohol
 Concen: 2.18 ng
 RT: 9.01 min Scan# 974
 Delta R.T. 0.07 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
79	3504		
108	43.1	57.2	85.8#
77	119.1	46.1	69.1#

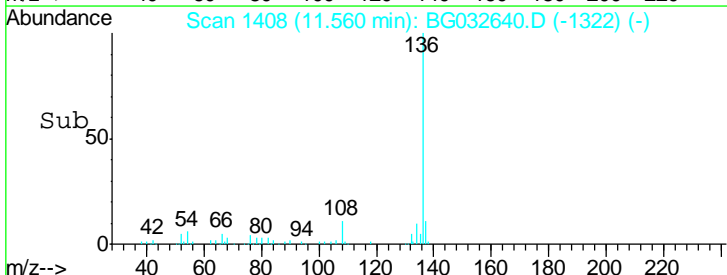
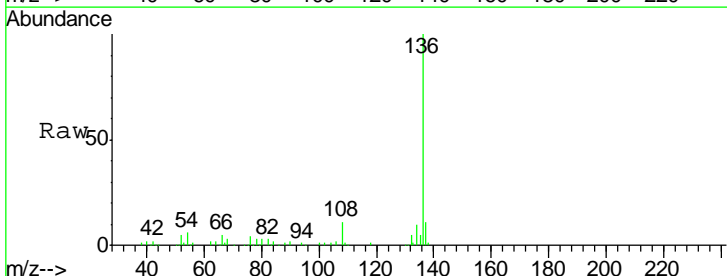
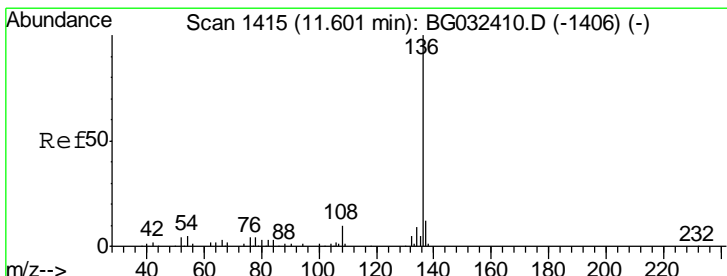
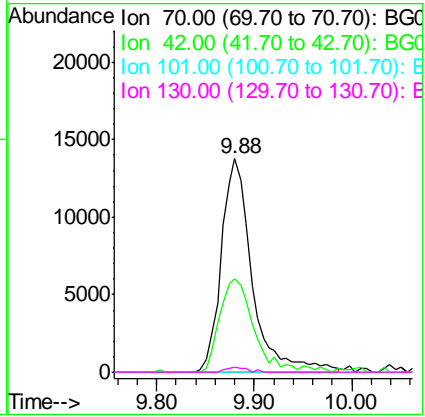




#19
 n-Nitroso-di-n-propylamine
 Concen: 23.41 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. 0.36 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

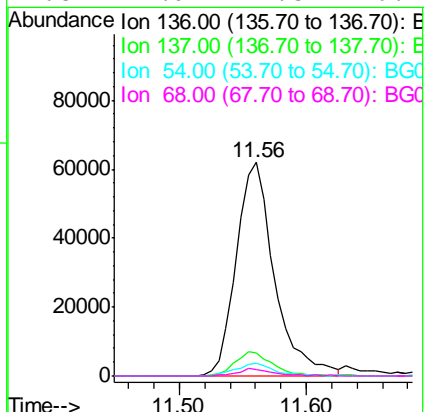
Instrument :
 BNA_G
 ClientSampled :

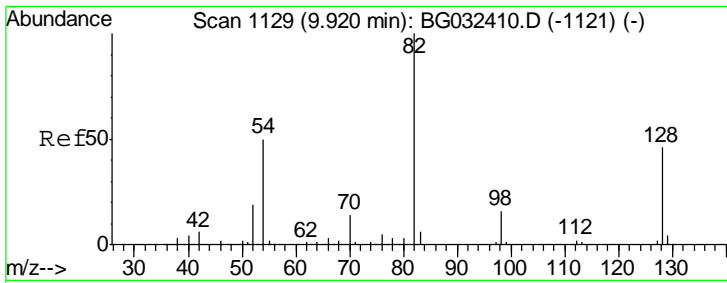
Tgt Ion	Resp	Lower	Upper
70	100		
42	43.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.56 min Scan# 1408
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	5.7	10.3	15.5#
68	2.9	4.5	6.7#

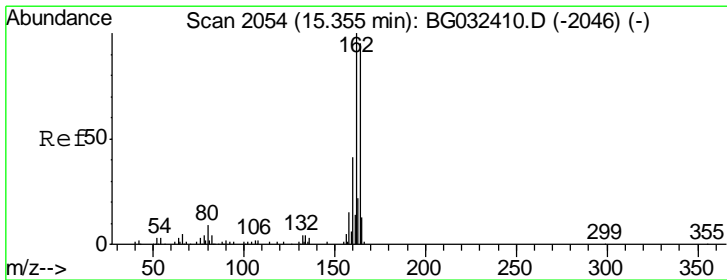
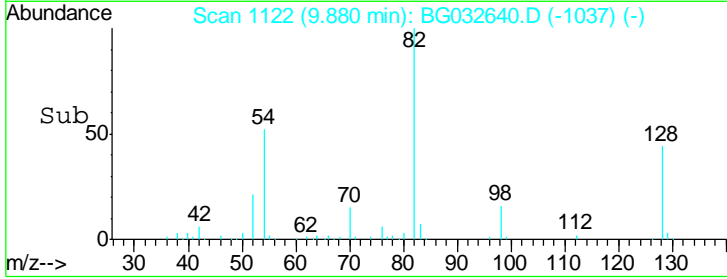
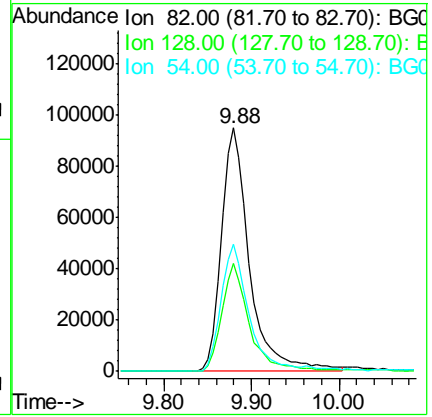
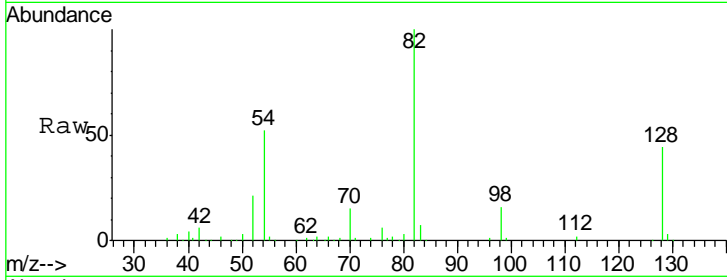




#23
 Nitrobenzene-d5
 Concen: 101.51 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

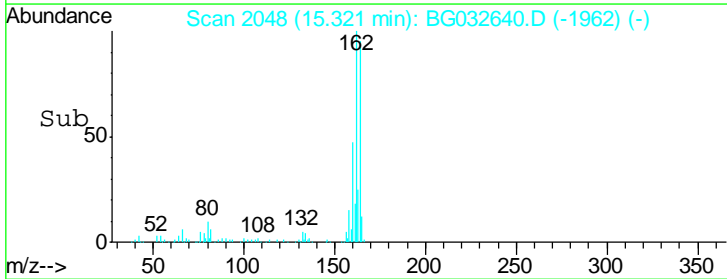
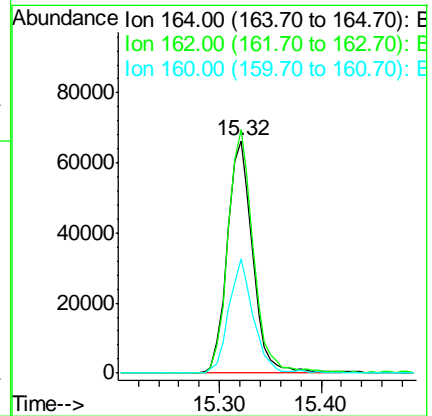
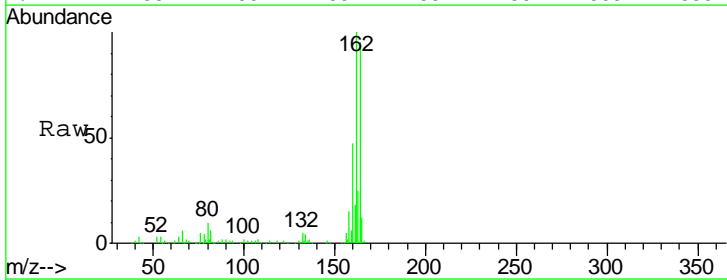
Instrument :
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 ClientSampled :

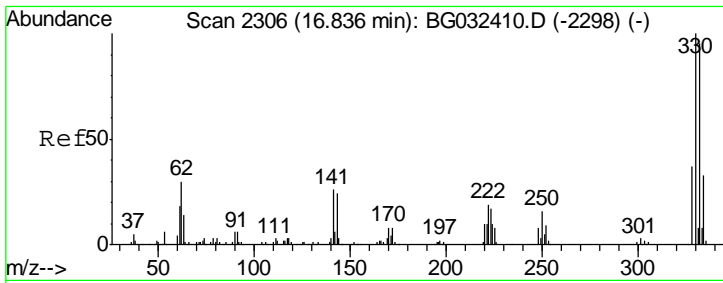
Tgt Ion	Resp	Lower	Upper
82	100		
128	44.4	29.7	44.5
54	52.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	49.0	35.4	53.0

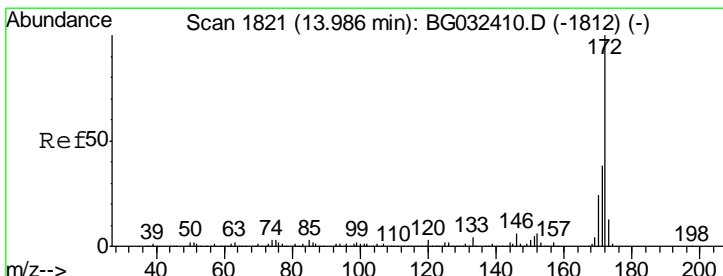
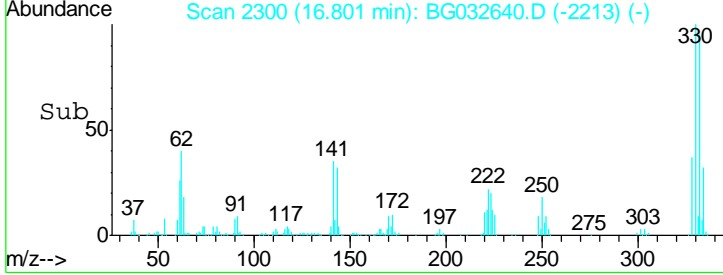
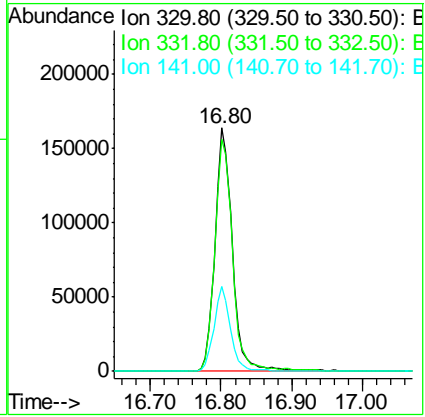
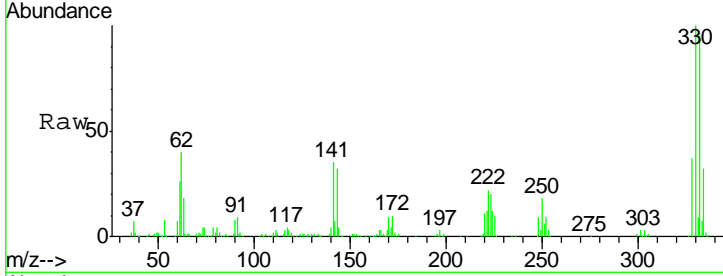




#41
 2,4,6-Tribromophenol
 Concen: 128.43 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

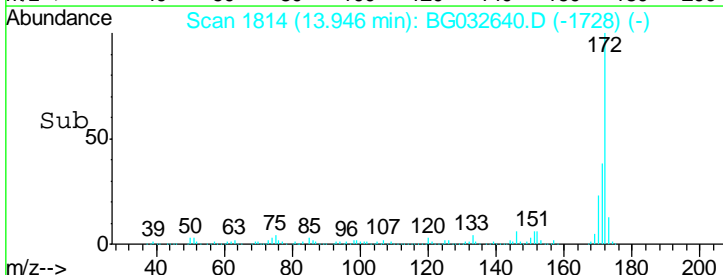
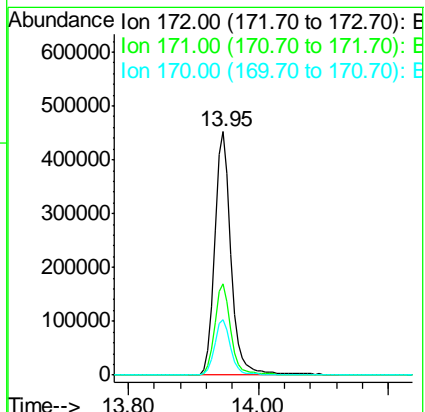
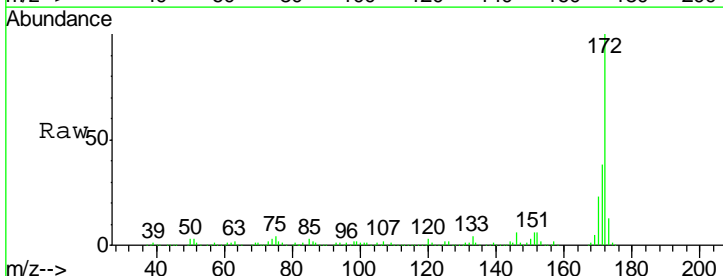
Instrument :
 BNA_G
 ClientSampled :

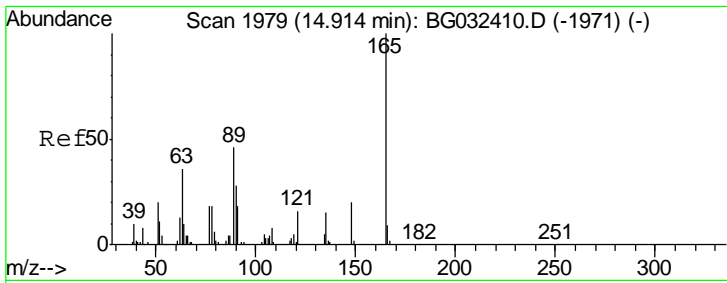
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 81.20 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.8	19.5	29.3

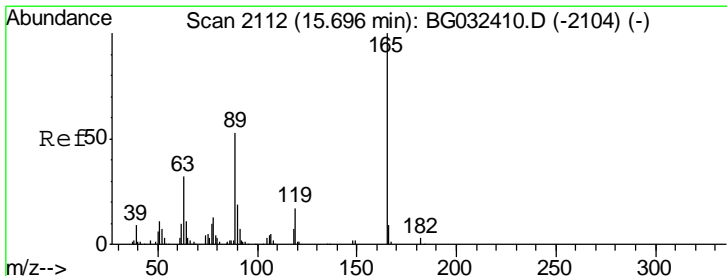
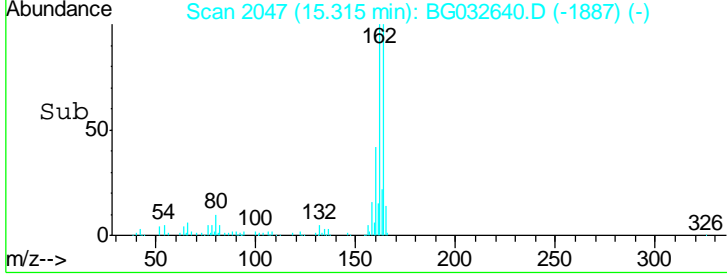
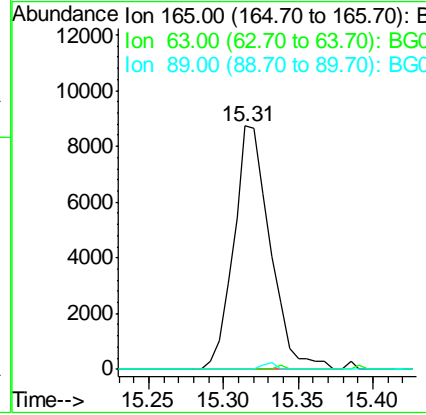
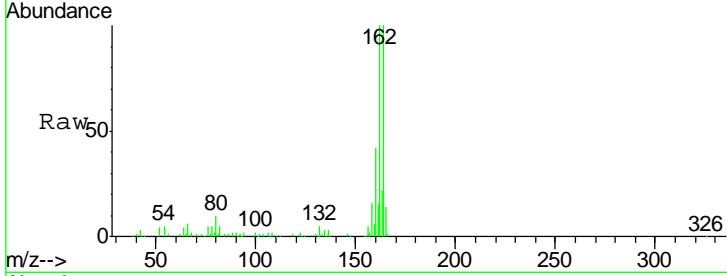




#50
 2,6-Dinitrotoluene
 Concen: 6.66 ng
 RT: 15.31 min Scan# 2047
 Delta R.T. 0.41 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

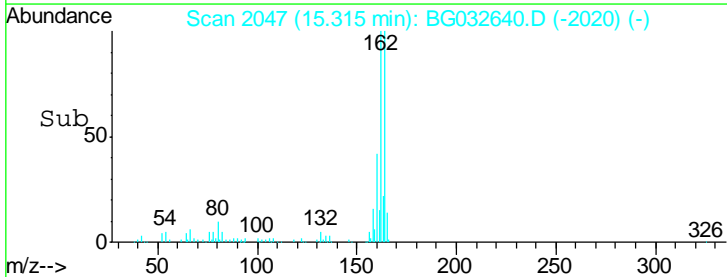
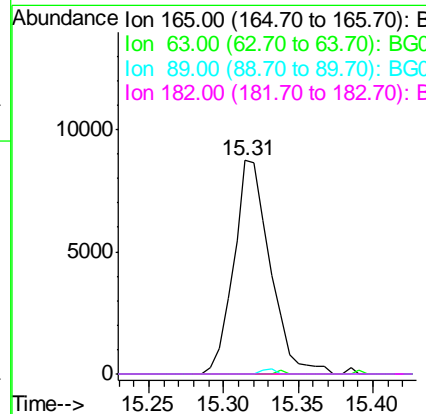
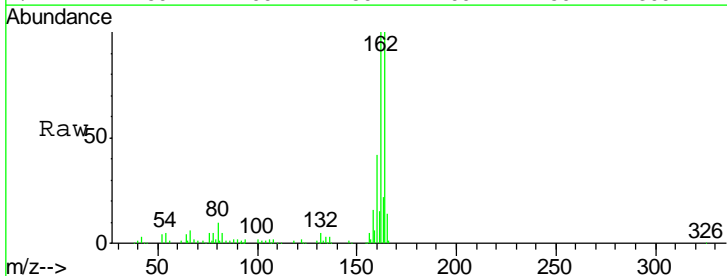
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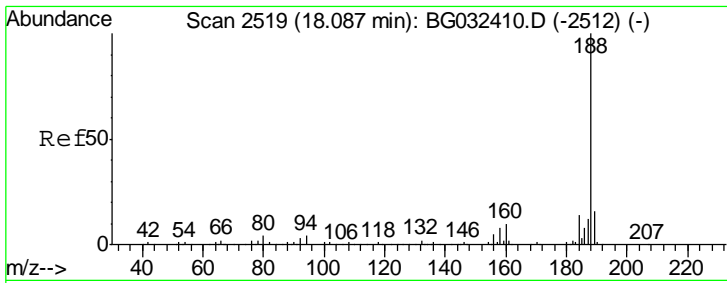
Tgt Ion	Resp	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.68 ng
 RT: 15.31 min Scan# 2047
 Delta R.T. -0.37 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

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#

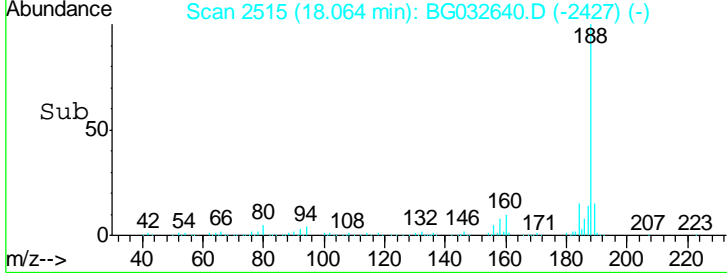
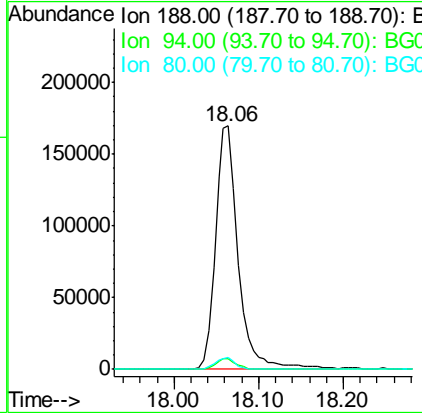
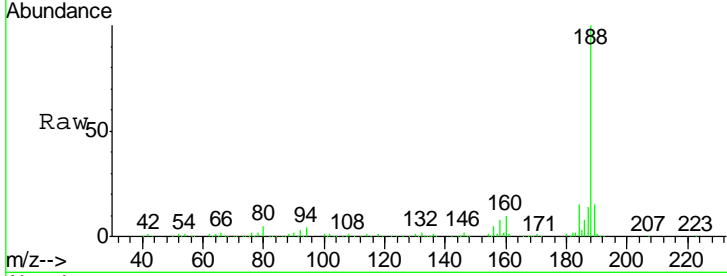




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.06 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

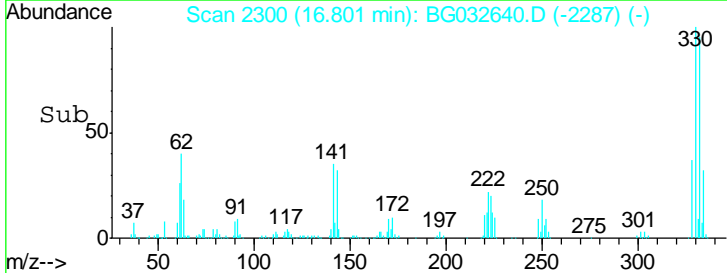
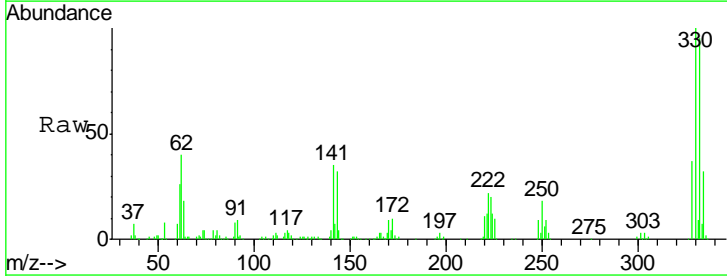
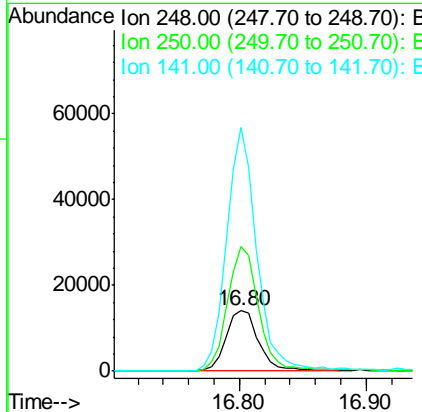
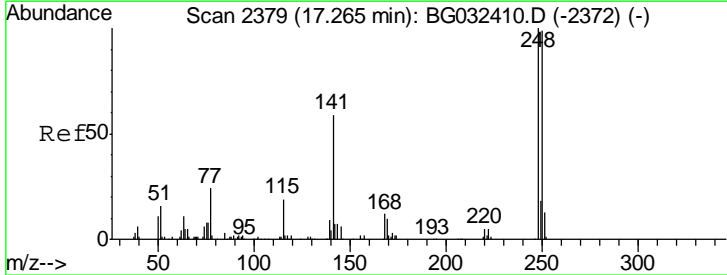
Instrument :
 BNA_G
 ClientSampled :

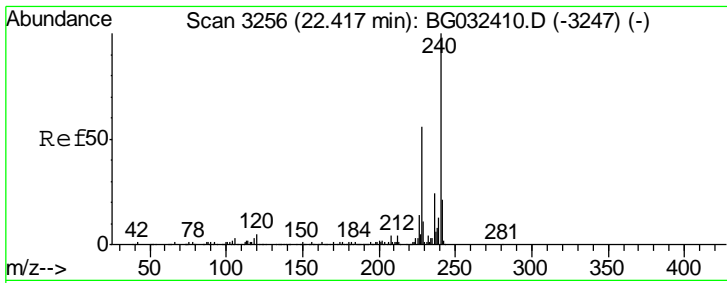
Tgt Ion	Resp	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.8	7.7	11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 5.33 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.45 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
248	100		
250	207.2	77.1	115.7#
141	403.0	50.8	76.2#

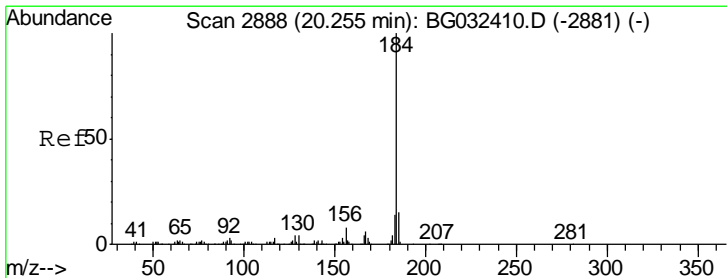
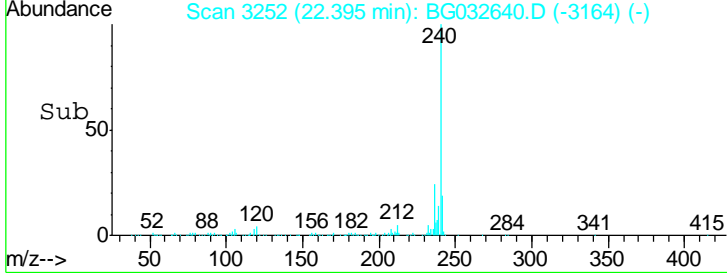
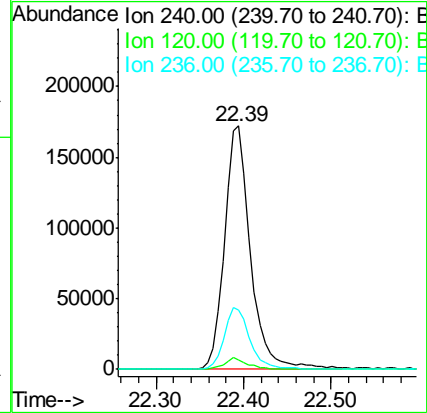
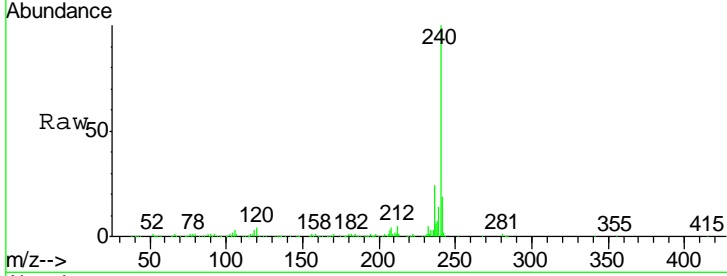




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.39 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

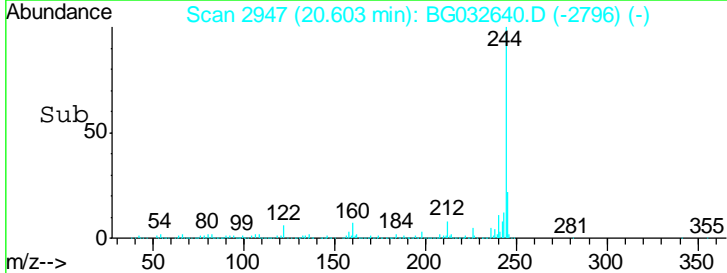
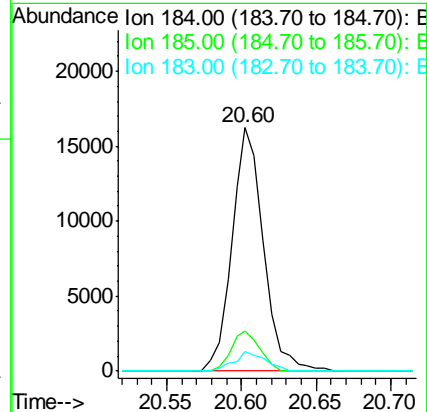
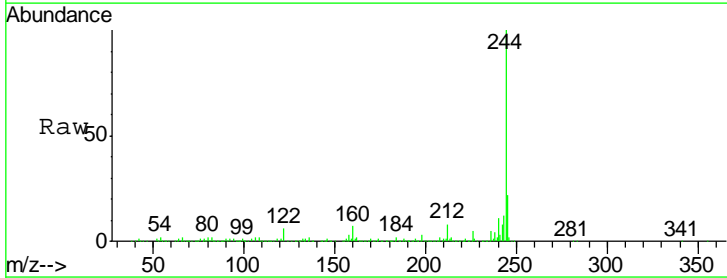
Instrument :
 BNA_G
 ClientSampled :

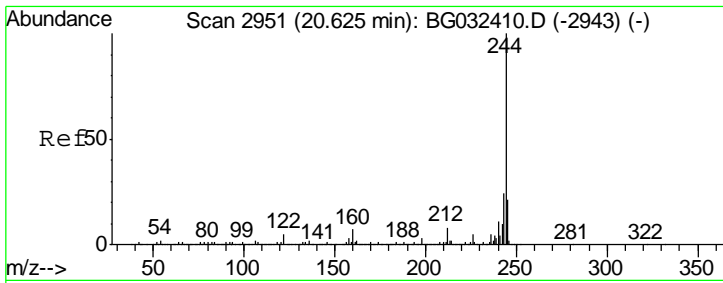
Tgt Ion	Resp	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	24.5	20.9	31.3



#76
 Benzidine
 Concen: 3.45 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. 0.36 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion	Resp	Lower	Upper
184	100		
185	16.3	11.1	16.7
183	8.3	10.6	16.0#



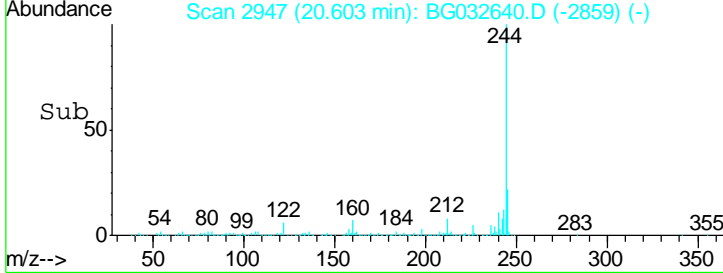
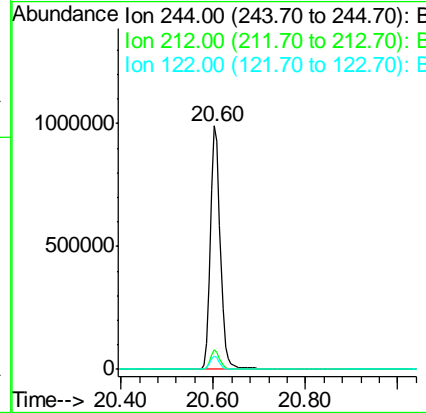
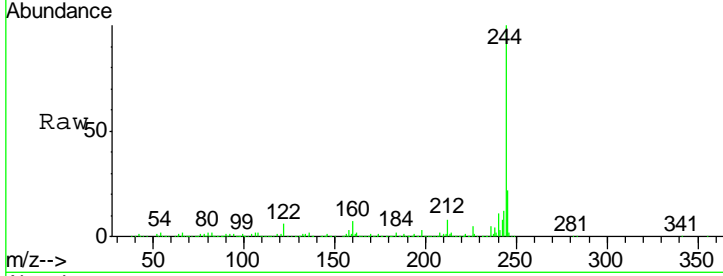


#78
 Terphenyl-d14
 Concen: 91.27 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. -0.01 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:244 Resp: 1501564

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.5	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.01 min
 Lab File: BG032640.D
 Acq: 9 Feb 2018 20:50

Tgt Ion:264 Resp: 350606

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.6	17.7	26.5

