

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033955.D
 Acq On : 24 Apr 2018 15:37
 Operator : SJ/JU
 Sample : J2503-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:00:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

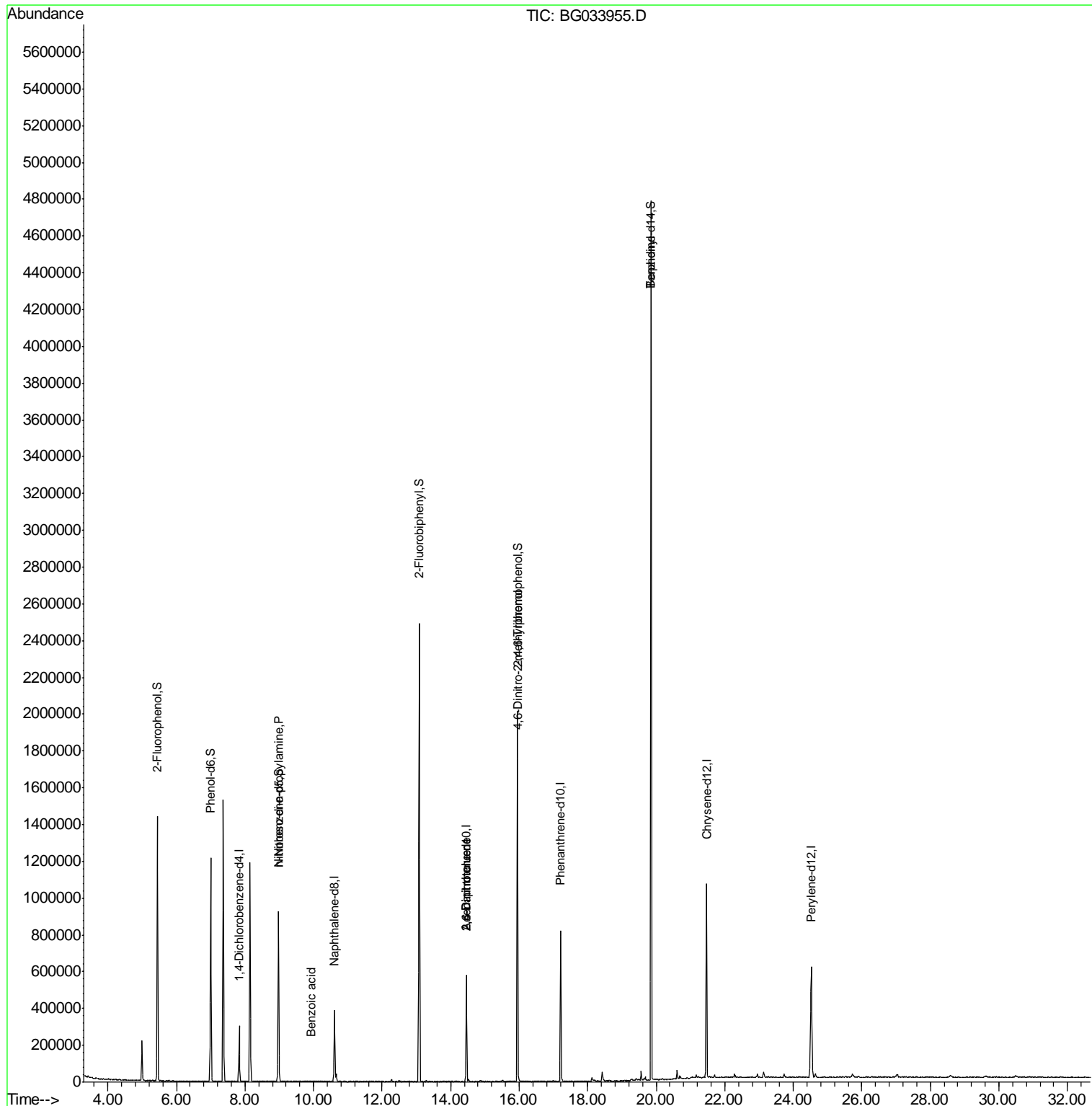
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	83061	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	330338	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	201640	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	511776	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	602917	20.00	ng	-0.02
86) Perylene-d12	24.52	264	606580	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	600386	115.40	ng	0.00
7) Phenol-d6	7.00	99	672783	88.66	ng	0.00
23) Nitrobenzene-d5	8.98	82	556904	95.94	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	369179	156.93	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1278725	93.16	ng	-0.02
78) Terphenyl-d14	19.85	244	2283373	85.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1457	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	77013	11.906	ng	# 80
32) Benzoic acid	9.93	122	57	5.095	ng	# 1
50) 2,6-Dinitrotoluene	14.46	165	27121	8.068	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	27121	6.067	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.96	198	1535	7.028	ng	# 75
76) Benzidine	19.85	184	37570	2.308	ng	# 91

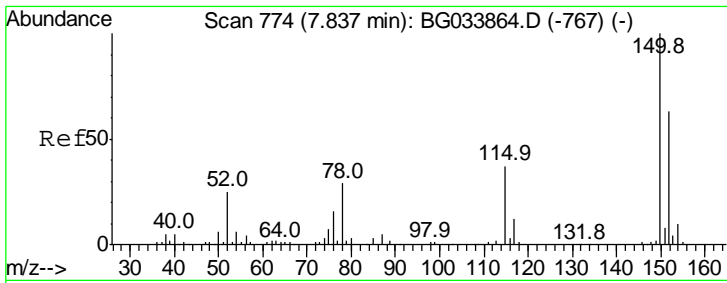
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 BNA_G
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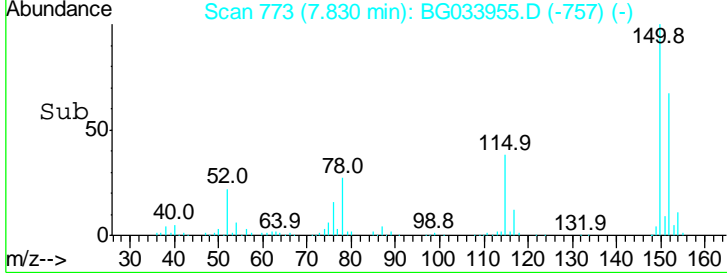
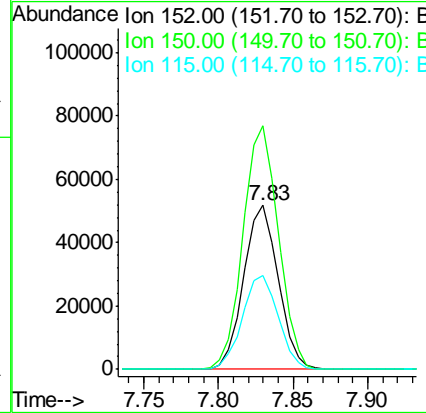
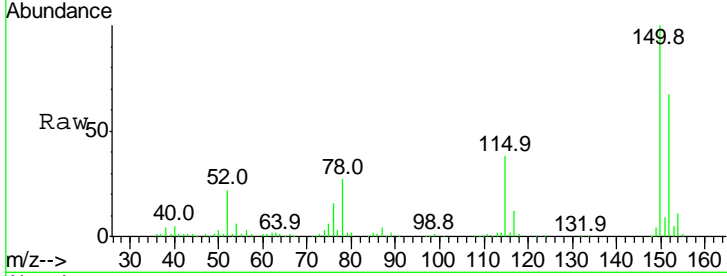




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

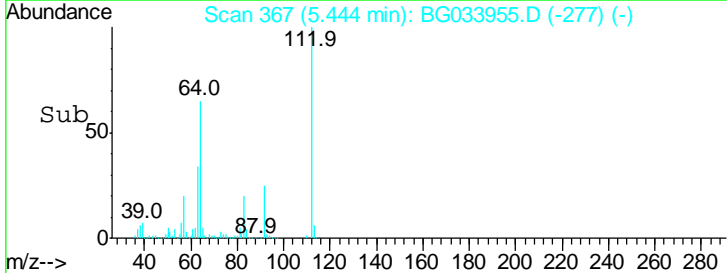
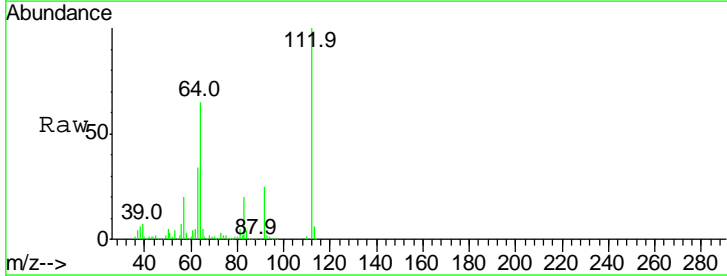
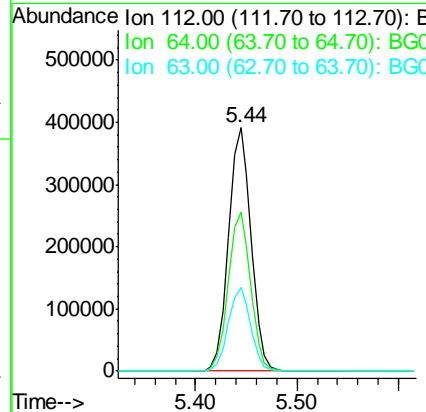
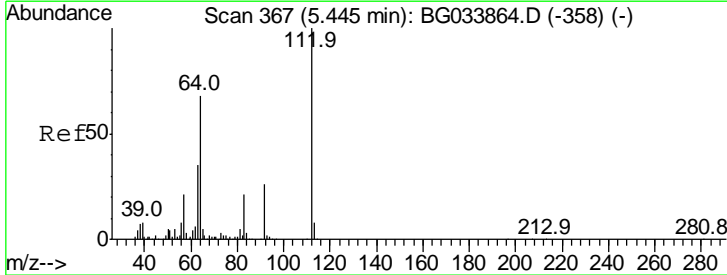
Instrument :
 BNA_G
 ClientSampled :

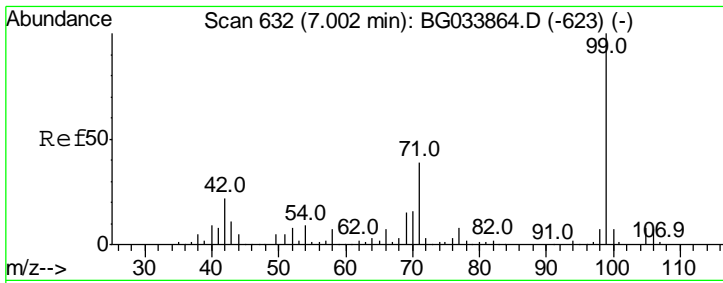
Tgt Ion	Resp	Lower	Upper
152	100		
150	148.8	126.6	189.8
115	57.0	53.0	79.4



#5
 2-Fluorophenol
 Concen: 115.401 ng
 RT: 5.44 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Resp	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	34.5	30.1	45.1

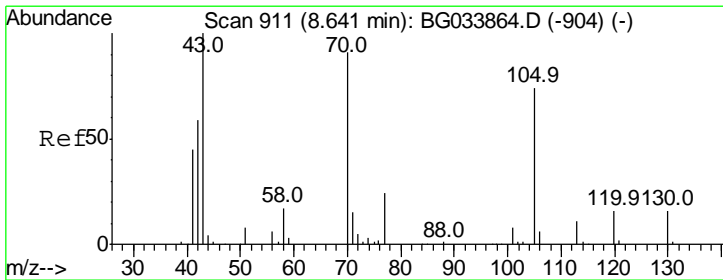
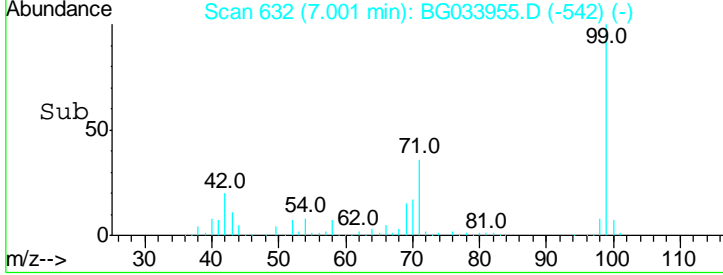
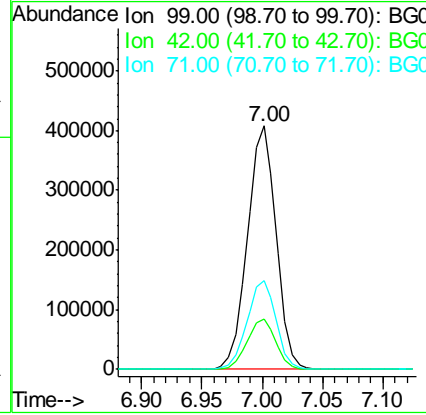
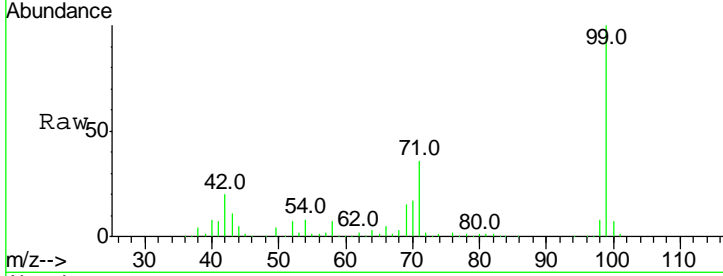




#7
 Phenol-d6
 Concen: 88.661 ng
 RT: 7.00 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

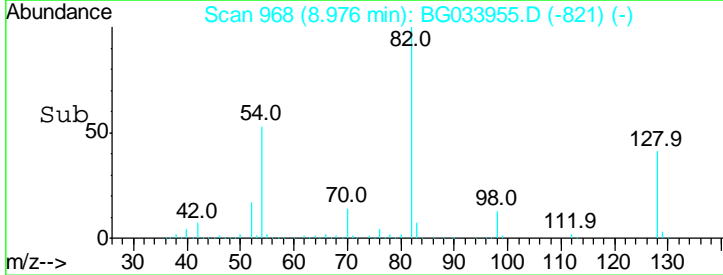
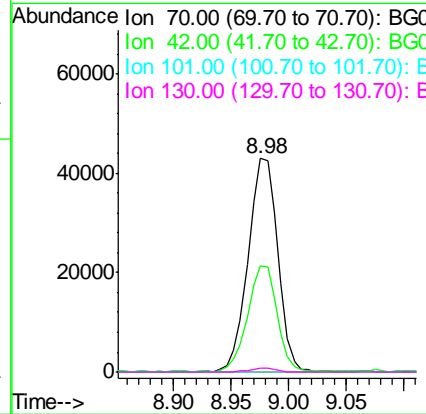
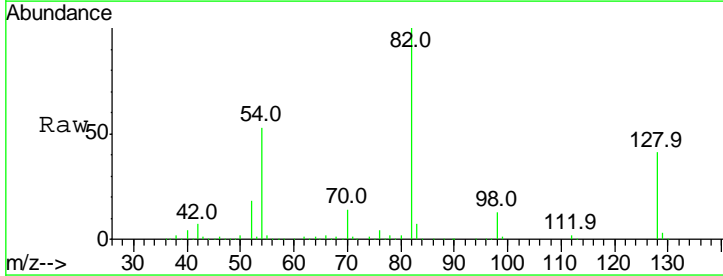
Instrument :
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 ClientSampled :

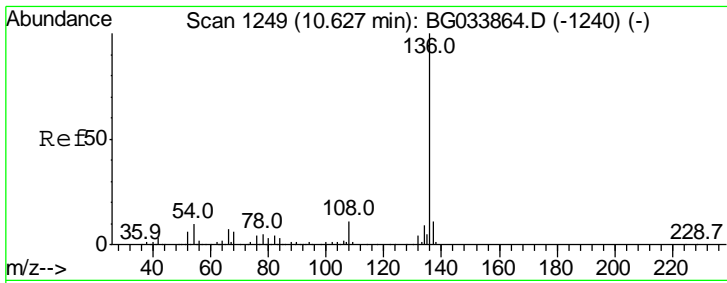
Tgt Ion	Resp	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	36.4	26.1	39.1



#19
 n-Nitroso-di-n-propylamine
 Concen: 11.906 ng
 RT: 8.98 min Scan# 968
 Delta R.T. 0.33 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Resp	Lower	Upper
70	100		
42	49.8	49.1	73.7
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#

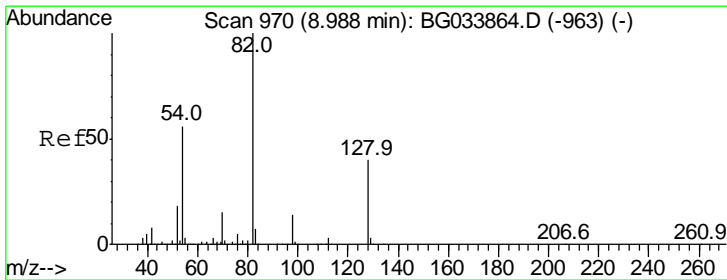
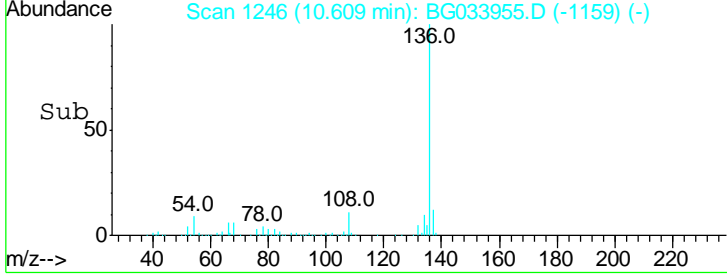
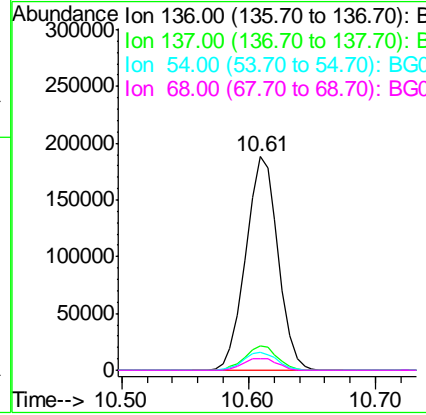
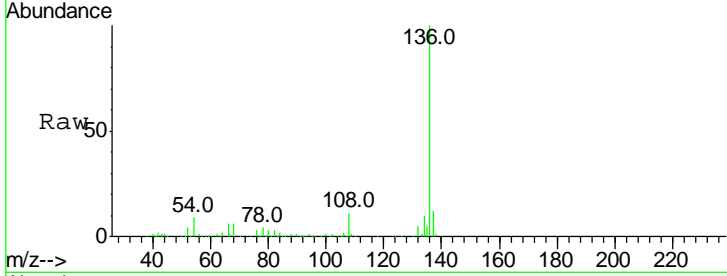




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

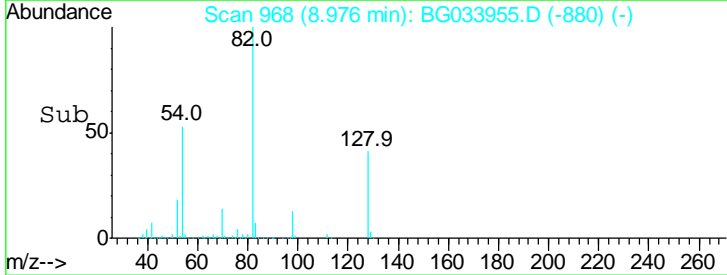
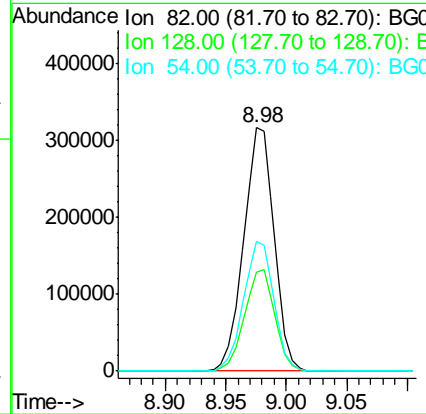
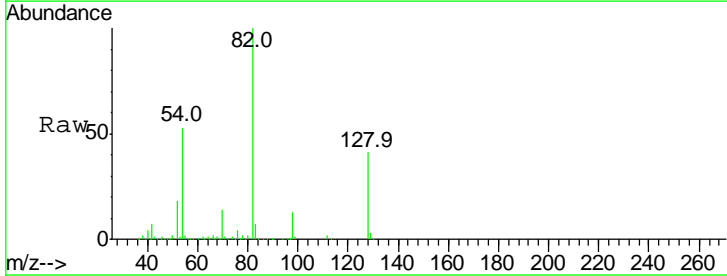
Instrument :
 BNA_G
 ClientSampled :

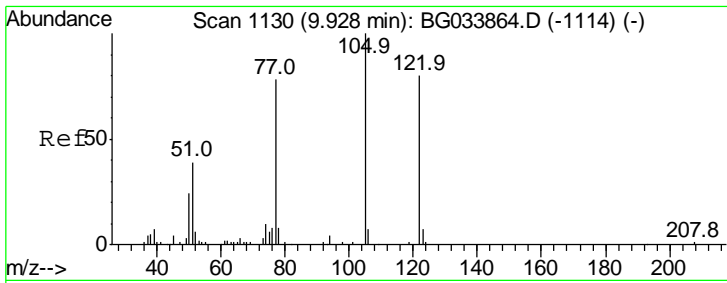
Tgt Ion	Resp	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.6	10.3	15.5#
68	5.5	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 95.942 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Resp	Lower	Upper
82	100		
128	40.8	29.7	44.5
54	53.1	43.1	64.7

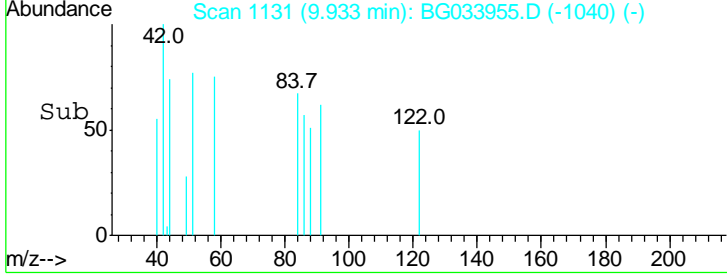
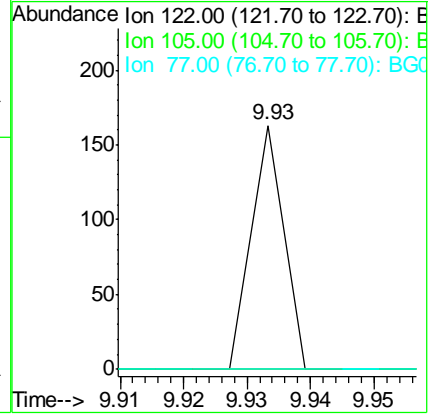
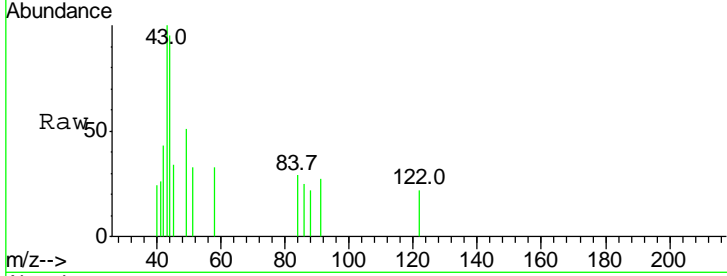




#32
 Benzoic acid
 Concen: 5.095 ng
 RT: 9.93 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

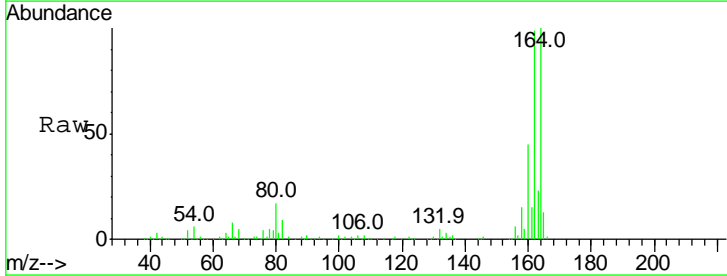
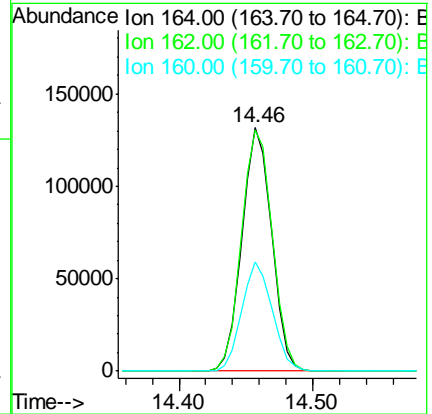
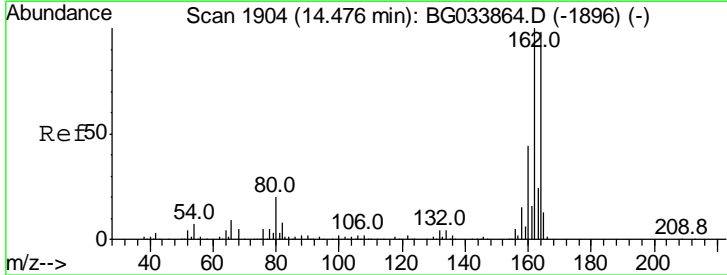
Instrument :
 BNA_G
 ClientSampled :

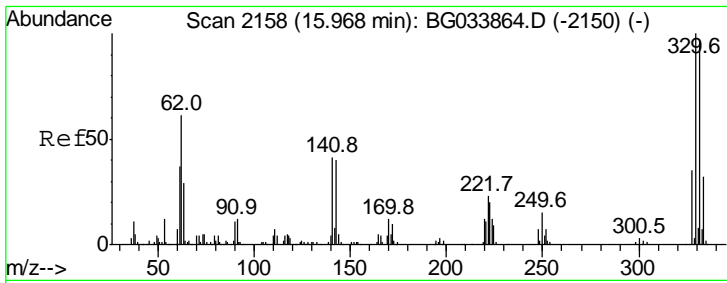
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.8	118.2
160	44.8	35.4	53.0

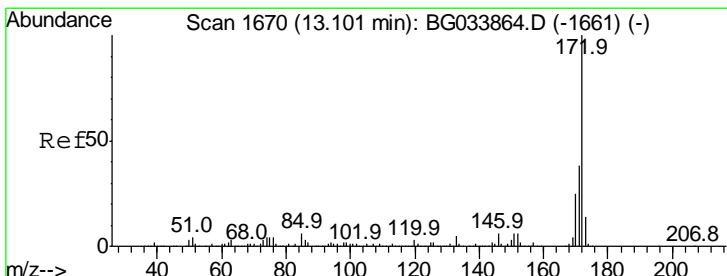
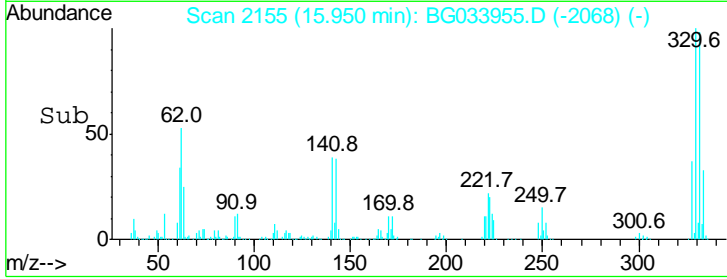
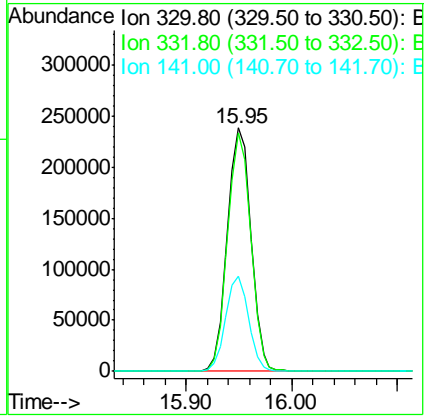
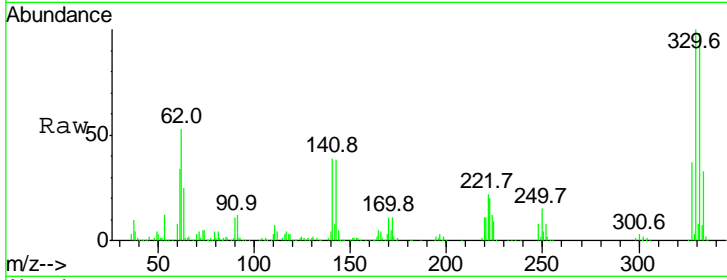




#41
 2,4,6-Tribromophenol
 Concen: 156.934 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

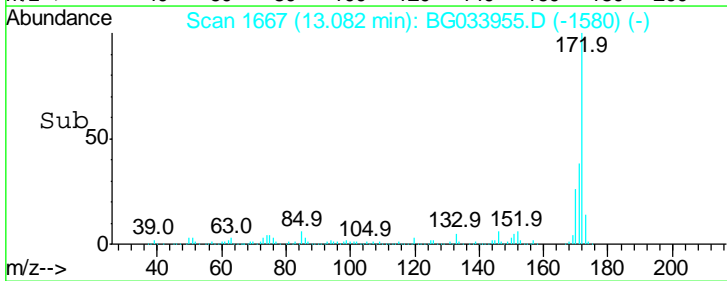
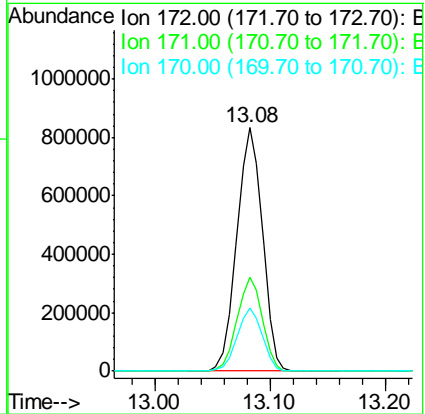
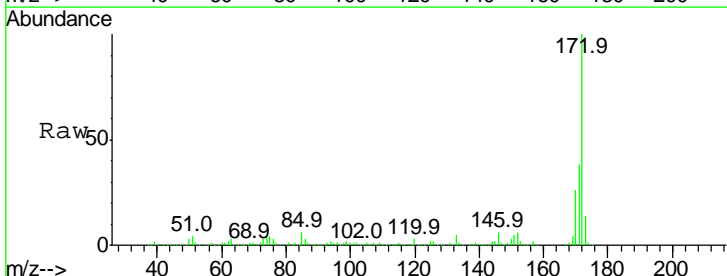
Instrument :
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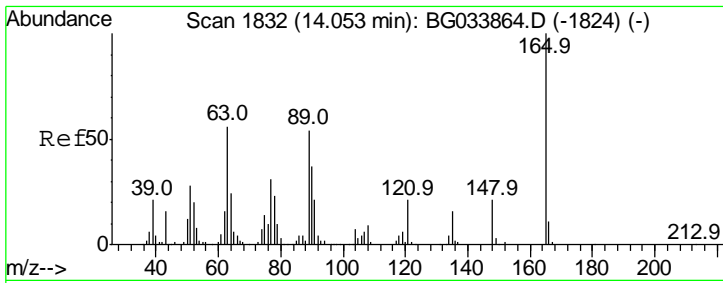
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.8	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 93.160 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Resp	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.8	19.5	29.3

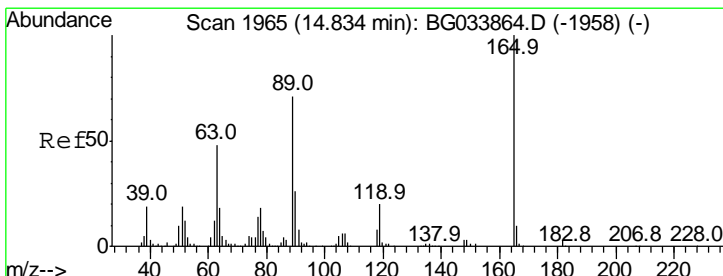
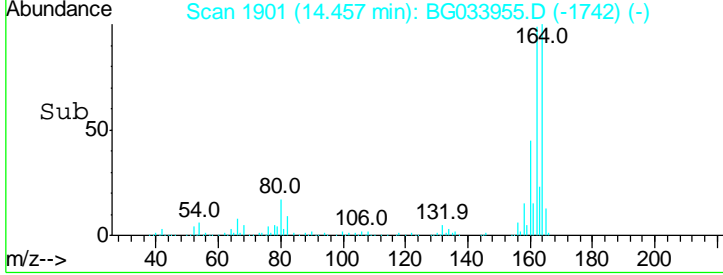
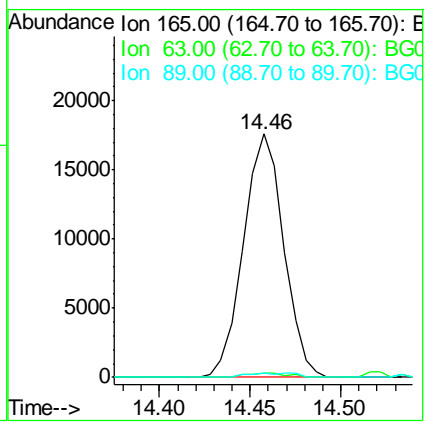
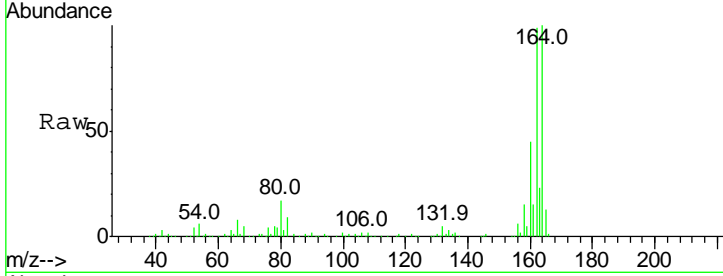




#50
 2,6-Dinitrotoluene
 Concen: 8.068 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.40 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

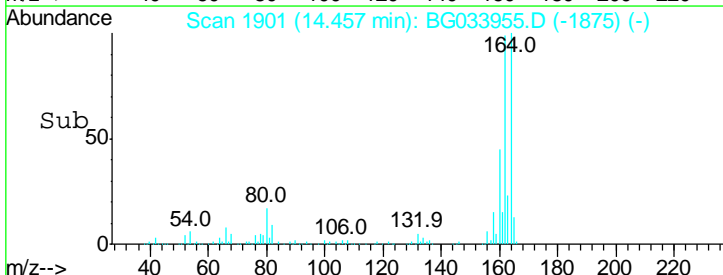
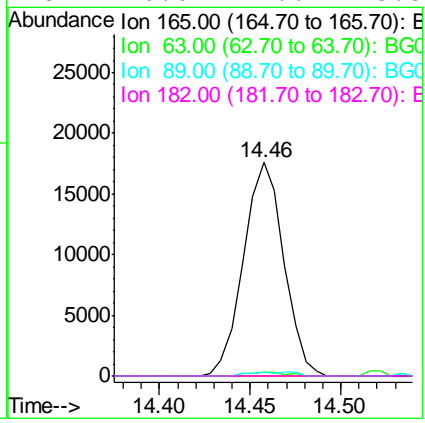
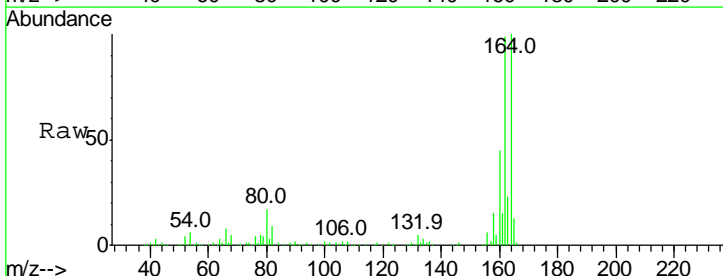
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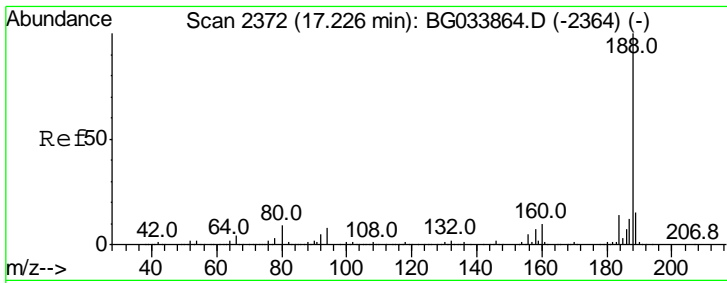
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	2.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.067 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#

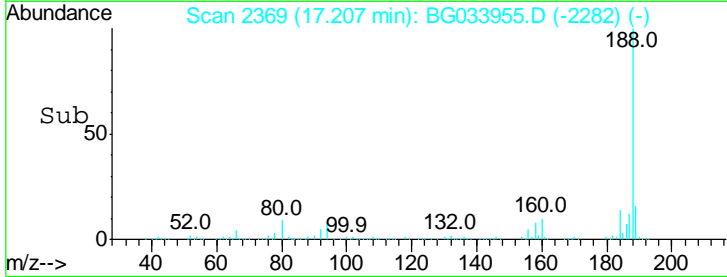
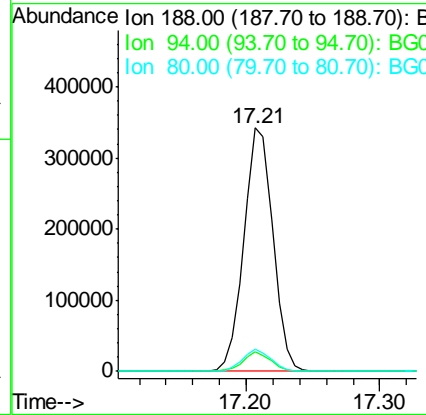
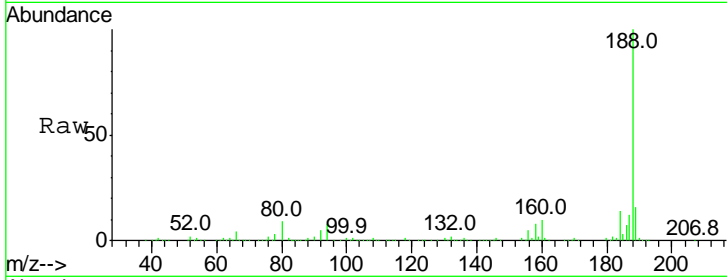




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

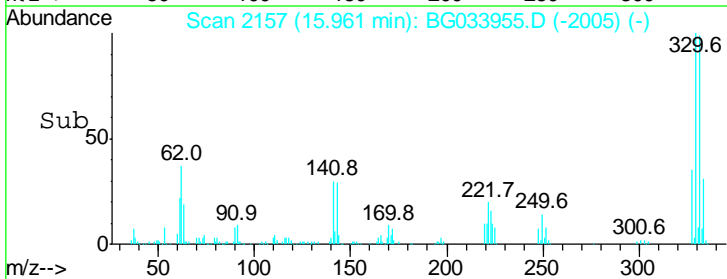
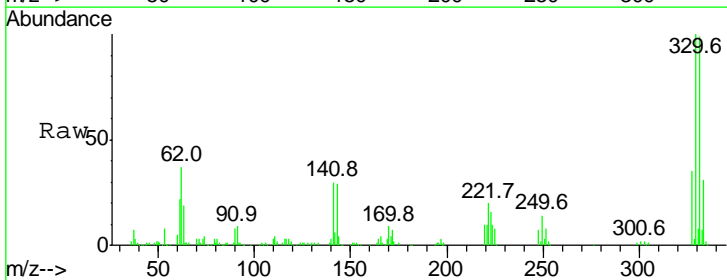
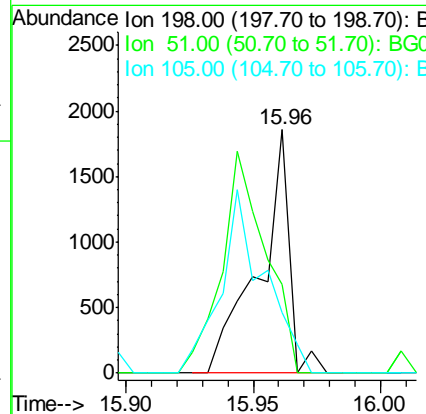
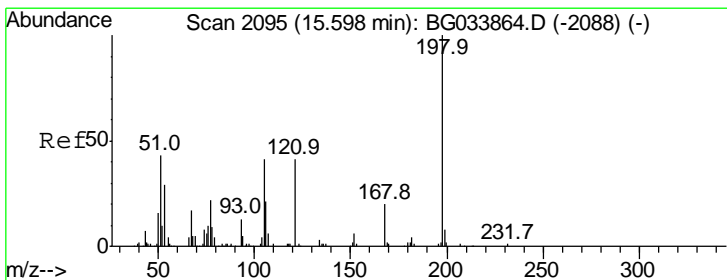
Instrument :
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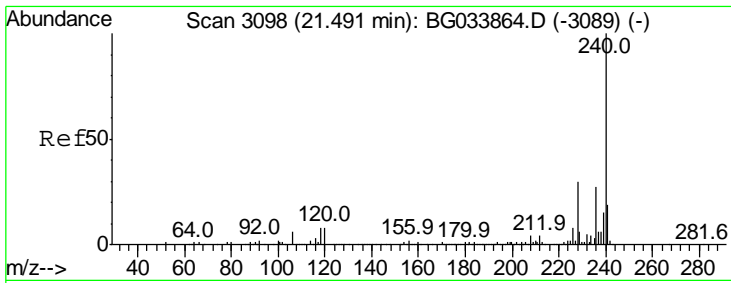
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.9	7.7	11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.028 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.36 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Resp	Lower	Upper
198	100		
51	36.4	30.6	70.6
105	24.9	23.8	63.8

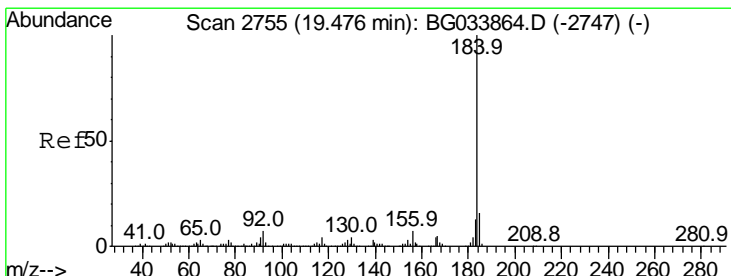
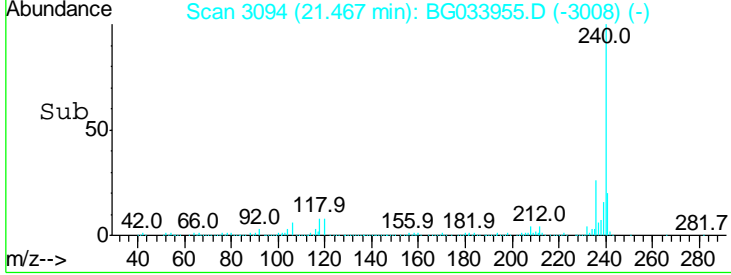
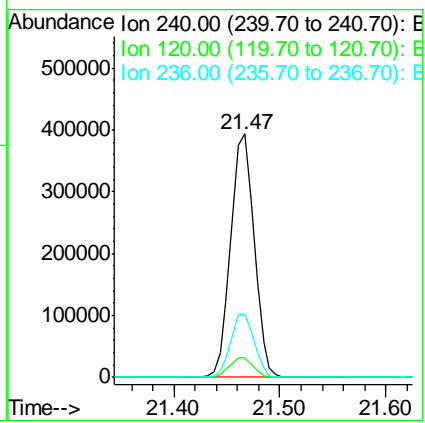
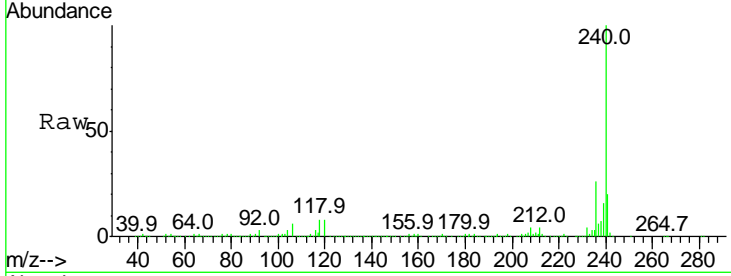




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

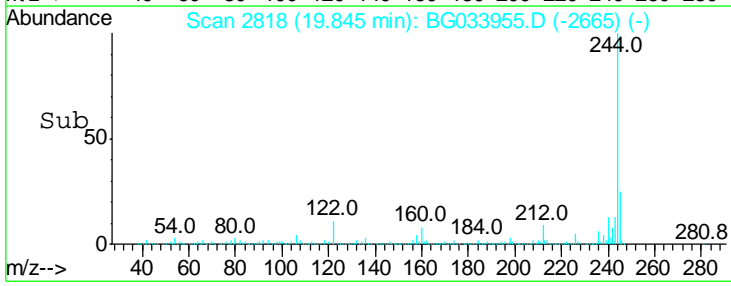
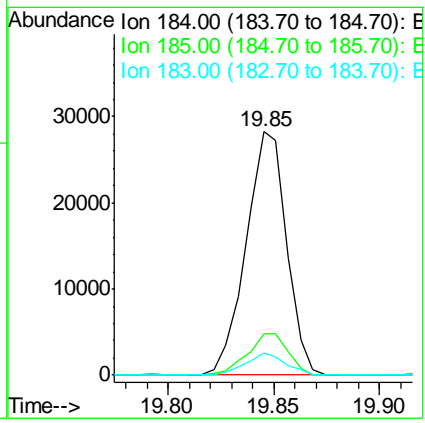
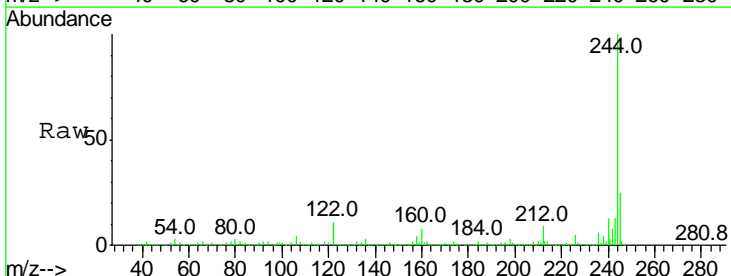
Instrument :
 BNA_G
 ClientSampled :

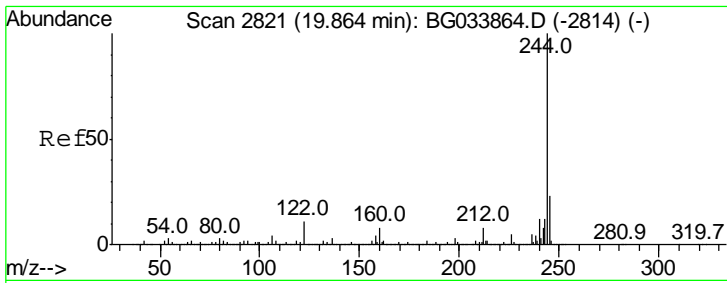
Tgt Ion	Resp	Lower	Upper
240	602917		
120	8.0	6.8	10.2
236	25.7	20.9	31.3



#76
 Benzidine
 Concen: 2.308 ng
 RT: 19.85 min Scan# 2818
 Delta R.T. 0.37 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion	Resp	Lower	Upper
184	37570		
185	16.8	11.1	16.7#
183	8.9	10.6	16.0#



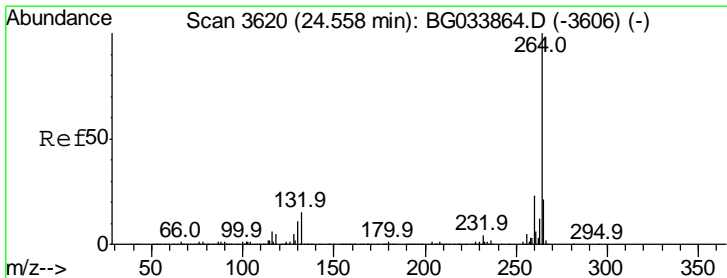
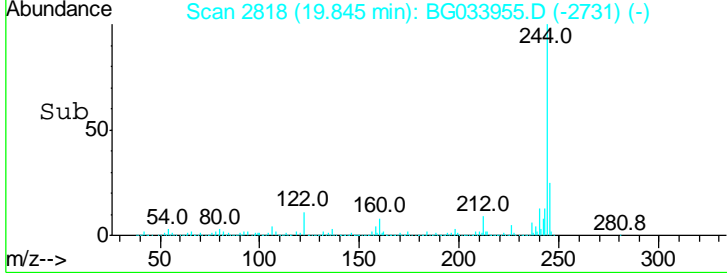
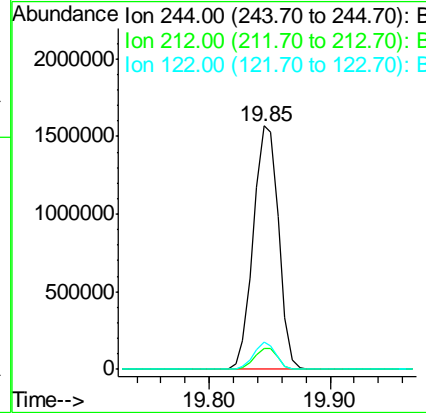
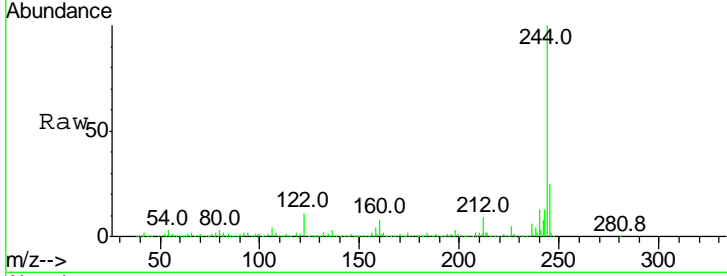


#78
 Terphenyl-d14
 Concen: 85.084 ng
 RT: 19.85 min Scan# 2818
 Delta R.T. -0.02 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 2283373

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	11.0	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.52 min Scan# 3614
 Delta R.T. -0.04 min
 Lab File: BG033955.D
 Acq: 24 Apr 2018 15:37

Tgt Ion: 264 Resp: 606580

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.2	17.7	26.5

