

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035434.D
 Acq On : 27 Jun 2018 7:15
 Operator : JU/SJ
 Sample : PB110599BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 09:20:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

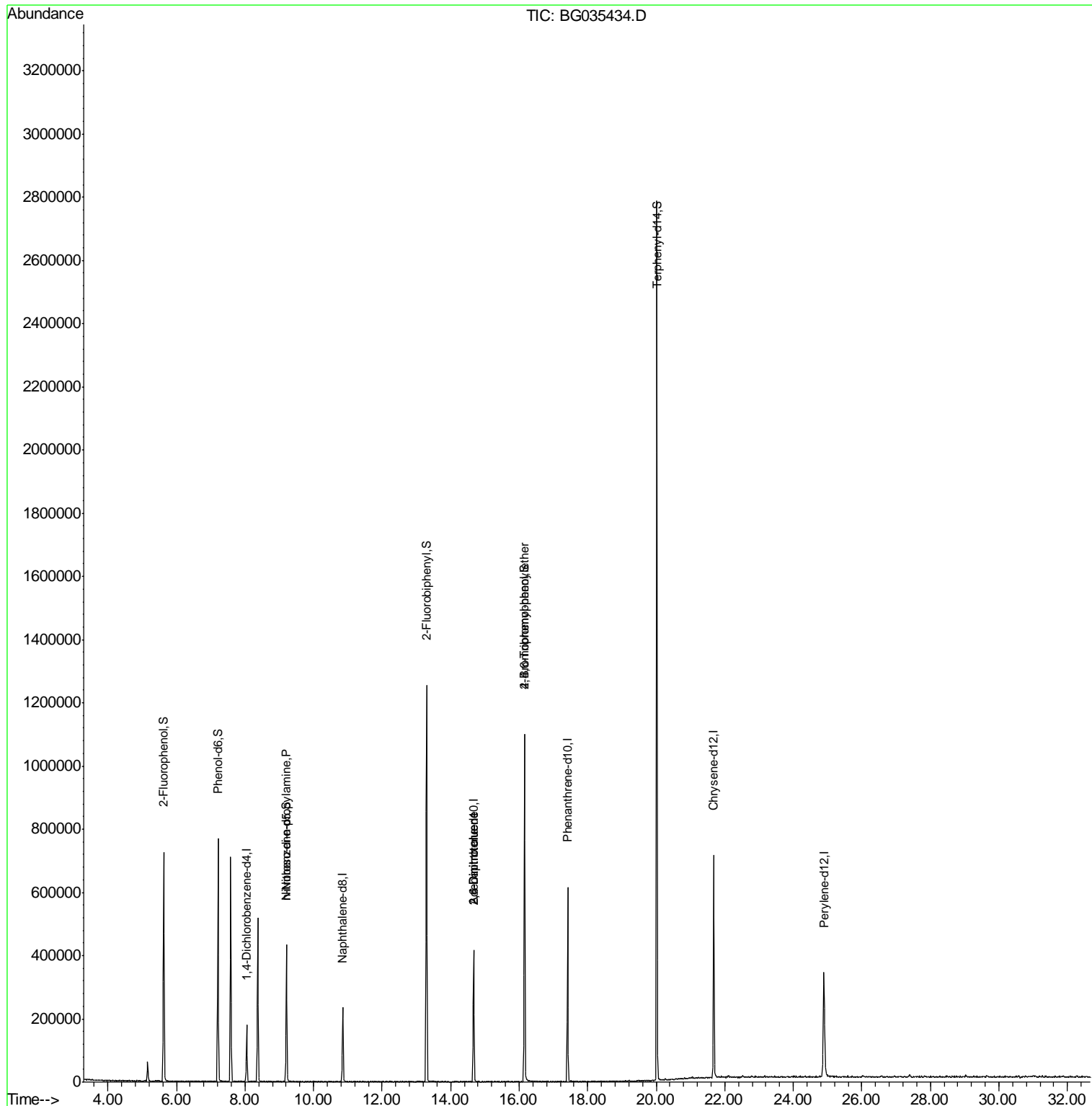
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51300	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	193510	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	142705	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	410397	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	448428	20.00	ng	-0.04
86) Perylene-d12	24.89	264	410153	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	318544	104.79	ng	-0.02
7) Phenol-d6	7.21	99	466334	103.94	ng	-0.01
23) Nitrobenzene-d5	9.21	82	287746	70.68	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	214240	117.28	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	700833	63.84	ng	-0.03
78) Terphenyl-d14	20.02	244	1350386	63.08	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	37762	9.907	ng	# 68
50) 2,6-Dinitrotoluene	14.67	165	19882	8.758	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	19882	6.593	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	16303	3.299	ng	# 1

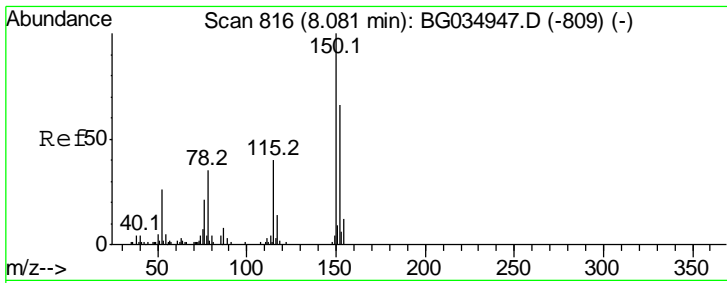
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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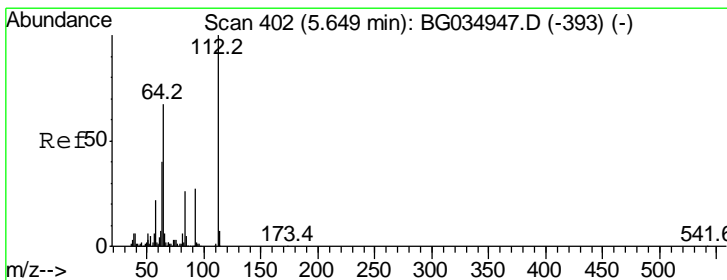
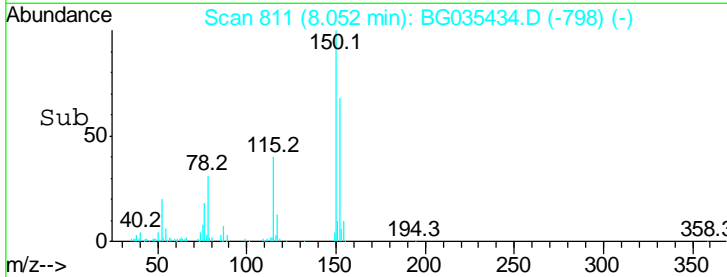
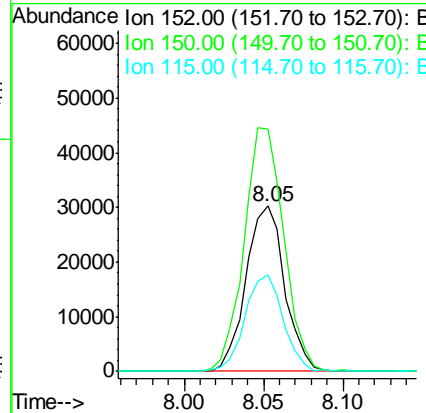
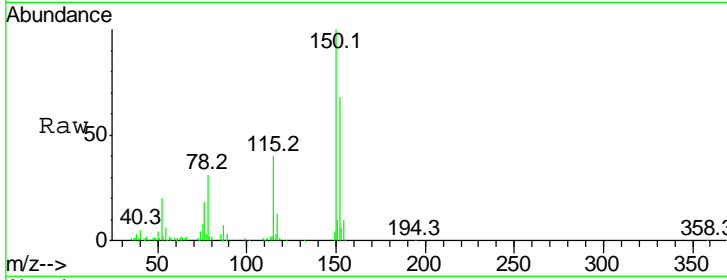




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

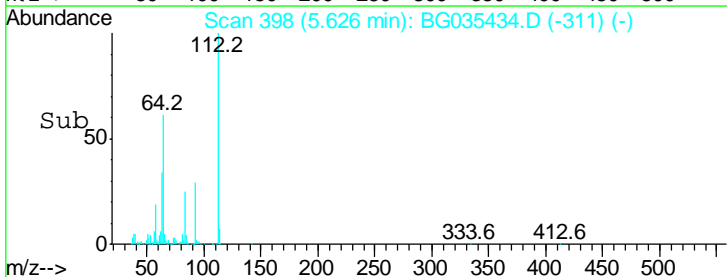
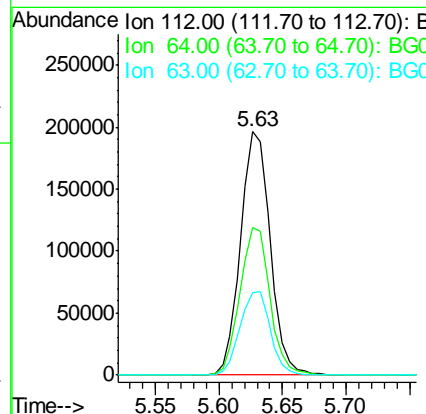
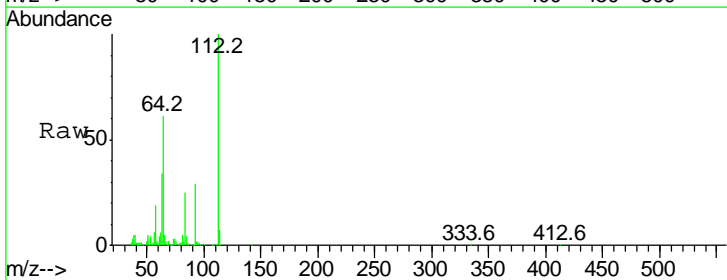
Instrument :
 BNA_G
 ClientSampled :

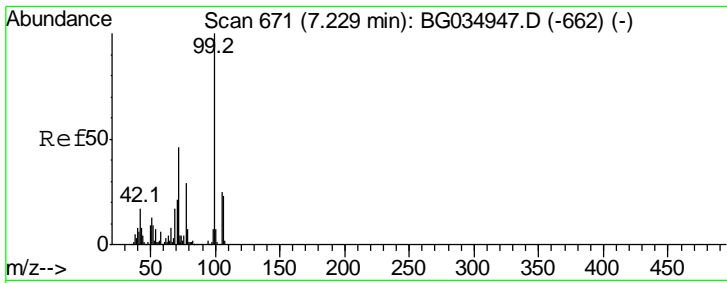
Tgt Ion	Resp	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	58.2	53.0	79.4



#5
 2-Fluorophenol
 Concen: 104.791 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Resp	Lower	Upper
112	100		
64	60.5	56.3	84.5
63	33.9	30.1	45.1

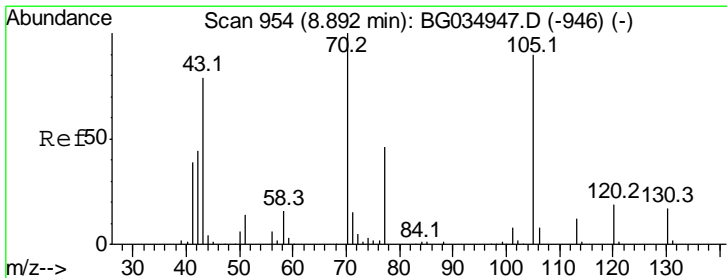
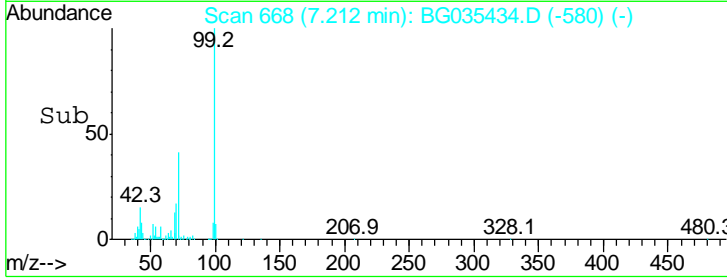
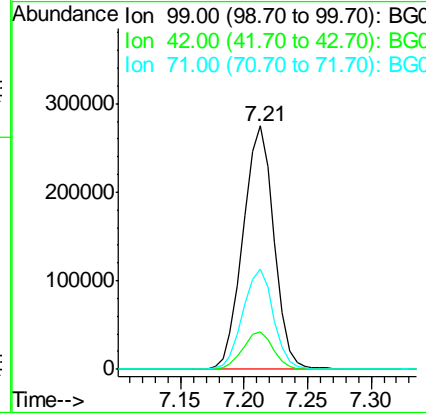
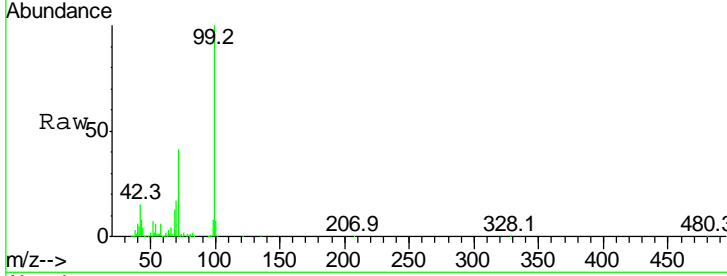




#7
 Phenol-d6
 Concen: 103.940 ng
 RT: 7.21 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

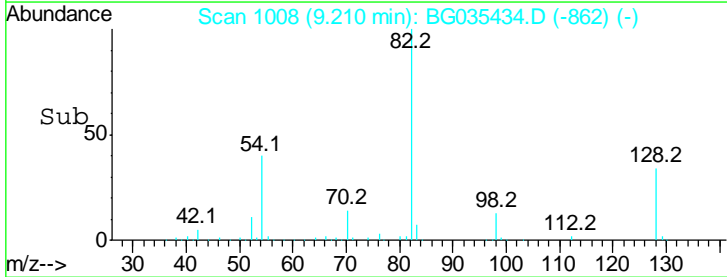
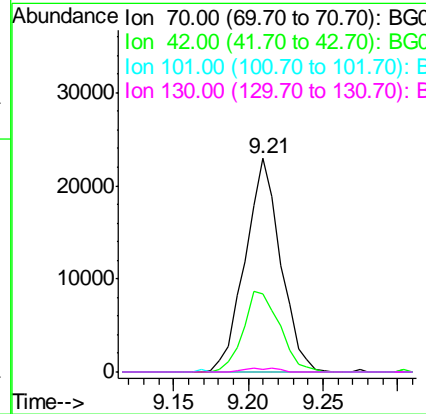
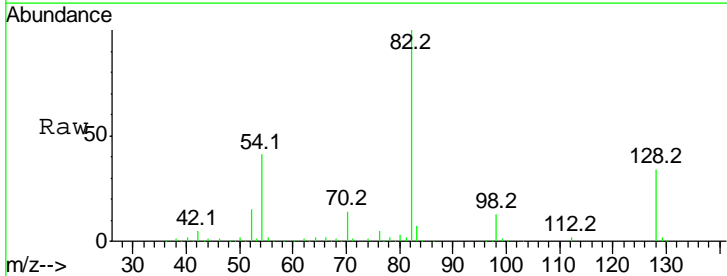
Instrument :
 BNA_G
 ClientSampled :

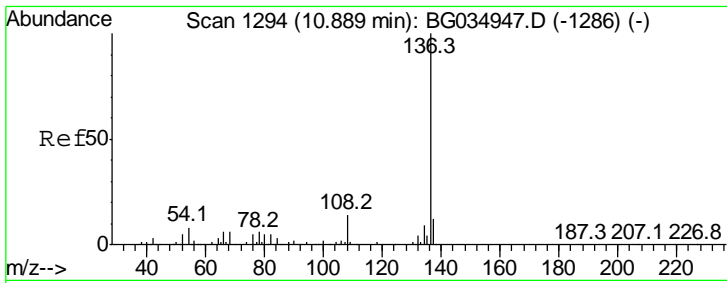
Tgt Ion	Resp	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	41.2	26.1	39.1#



#19
 n-Nitroso-di-n-propylamine
 Concen: 9.907 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.33 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Resp	Lower	Upper
70	100		
42	36.7	49.1	73.7#
101	0.0	8.5	12.7#
130	1.3	13.4	20.0#

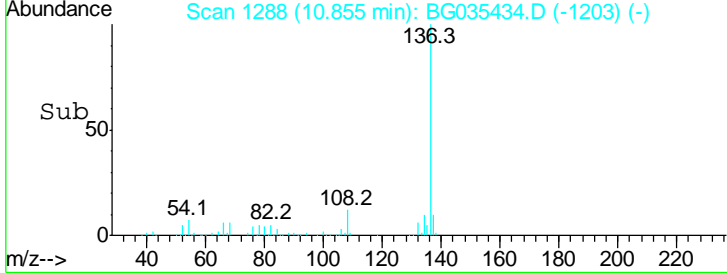
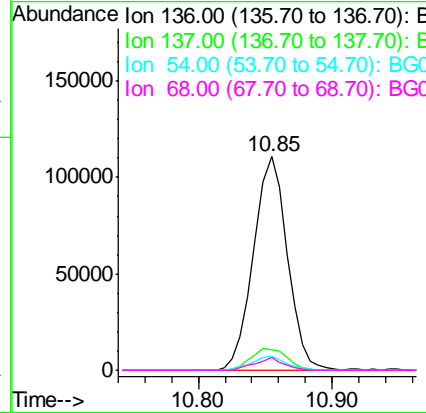
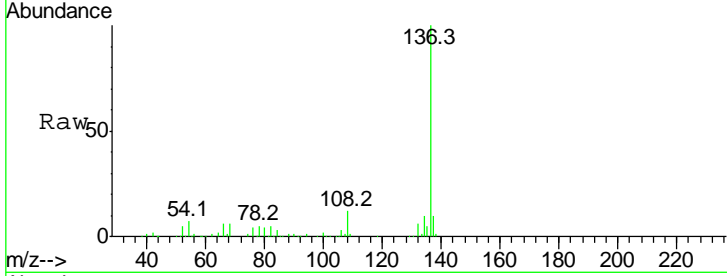




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.85 min Scan# 1288
 Delta R.T. -0.03 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

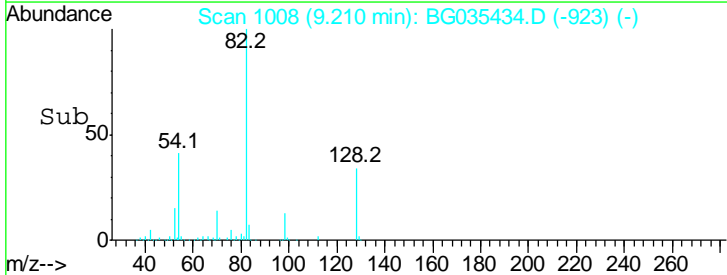
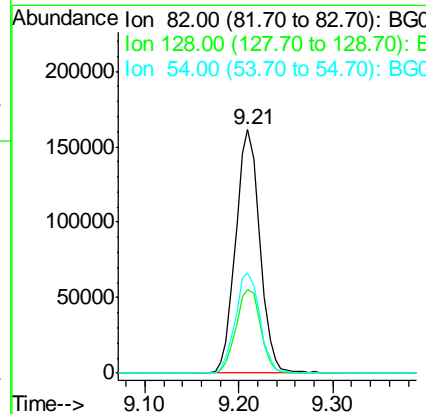
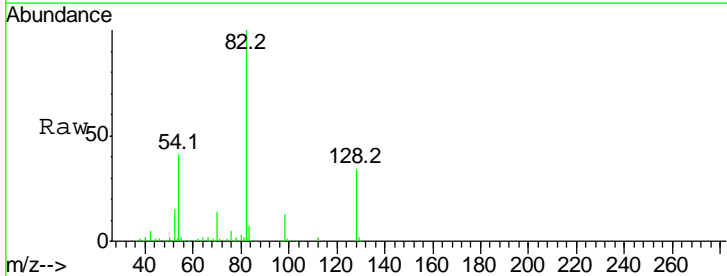
Instrument :
 BNA_G
 ClientSampled :

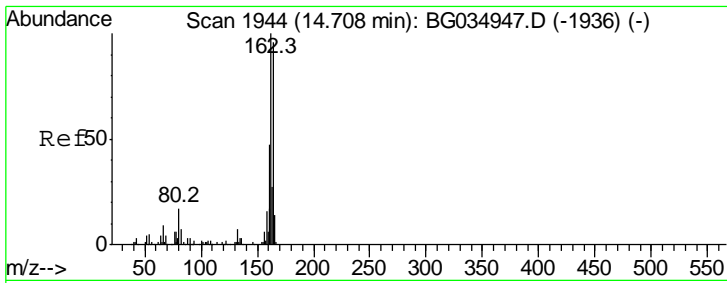
Tgt Ion	Resp	Lower	Upper
136	193510		
137	9.6	9.2	13.8
54	6.5	10.3	15.5#
68	6.1	4.5	6.7



#23
 Nitrobenzene-d5
 Concen: 70.683 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Resp	Lower	Upper
82	287746		
128	34.5	29.7	44.5
54	41.1	43.1	64.7#

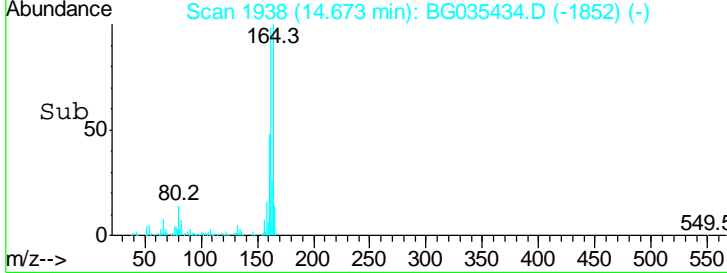
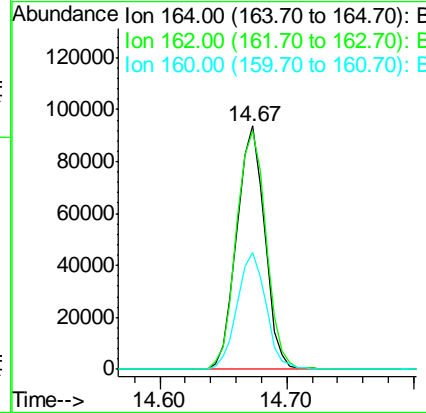
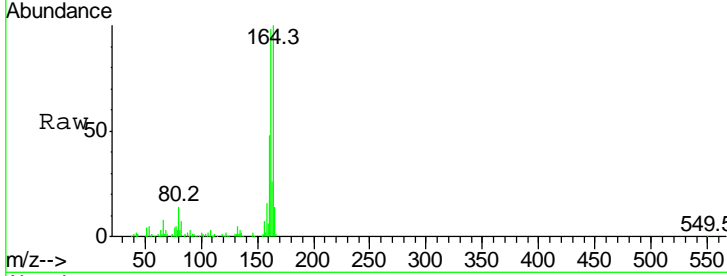




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

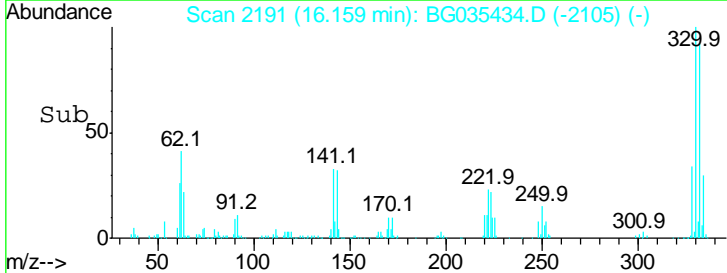
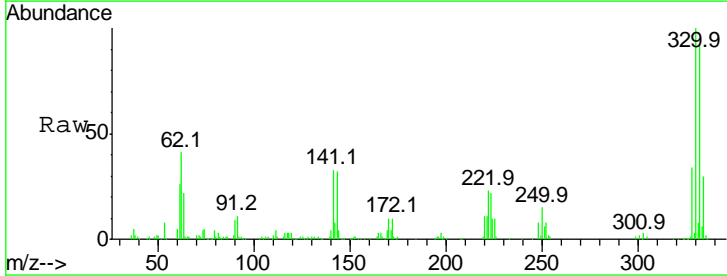
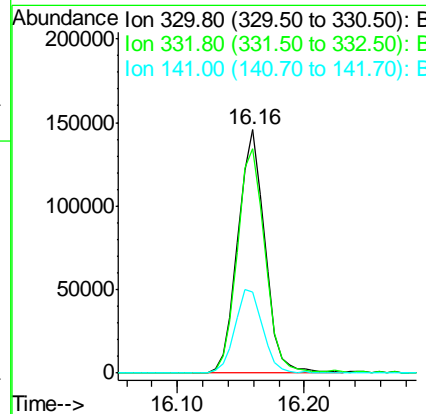
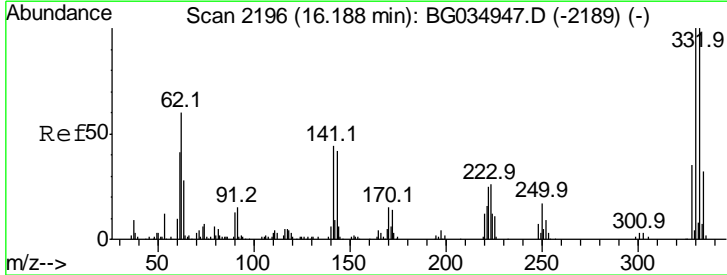
Instrument :
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 ClientSampled :

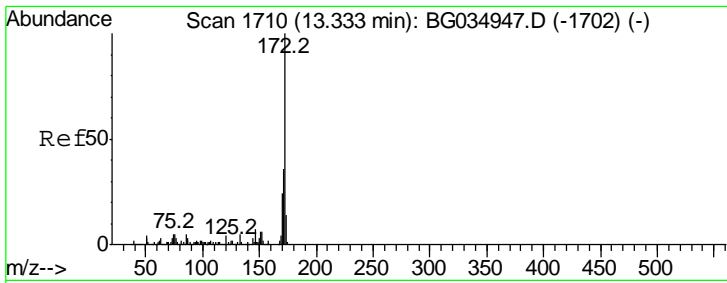
Tgt Ion	Resp	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	47.8	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 117.276 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Resp	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.4	25.2	37.8

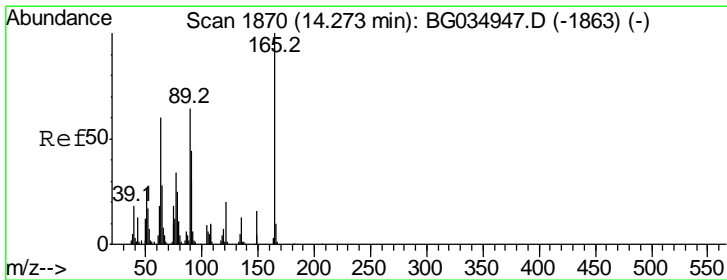
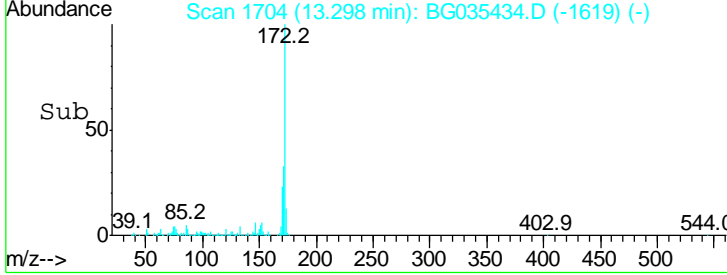
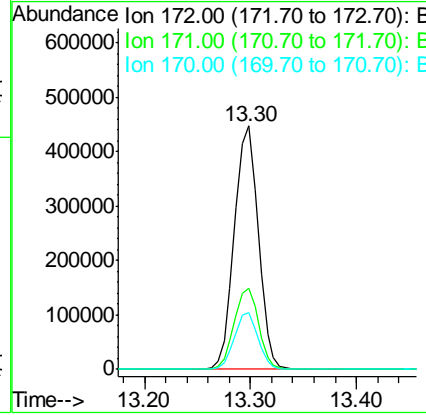
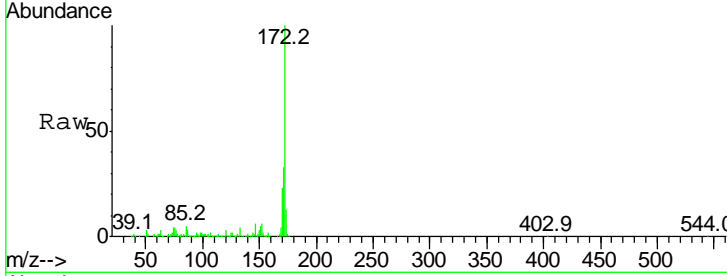




#44
 2-Fluorobiphenyl
 Concen: 63.844 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

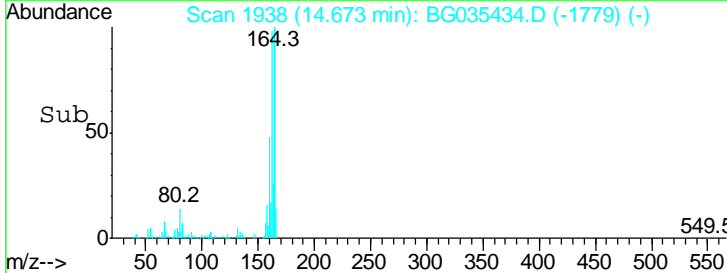
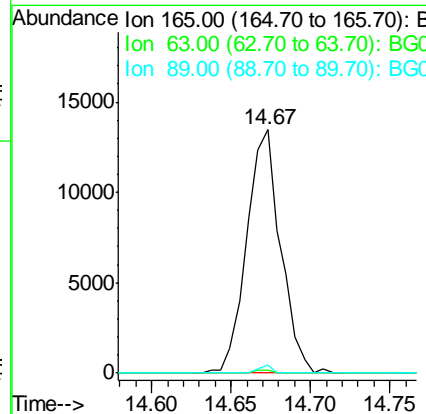
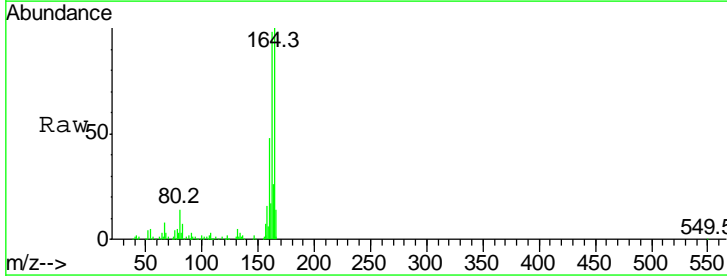
Instrument :
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 ClientSampled :

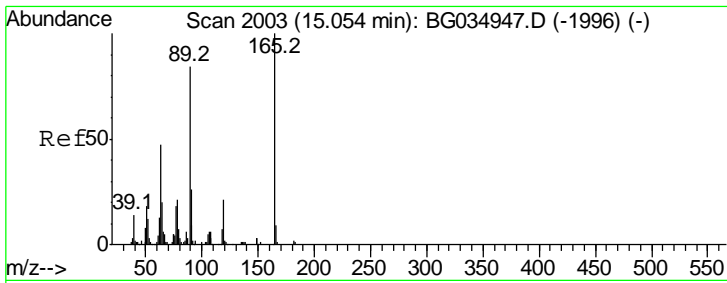
Tgt Ion	Resp	Lower	Upper
172	100		
171	33.1	30.0	45.0
170	23.4	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.758 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.41 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Resp	Lower	Upper
165	100		
63	1.4	52.7	79.1#
89	3.2	49.2	73.8#

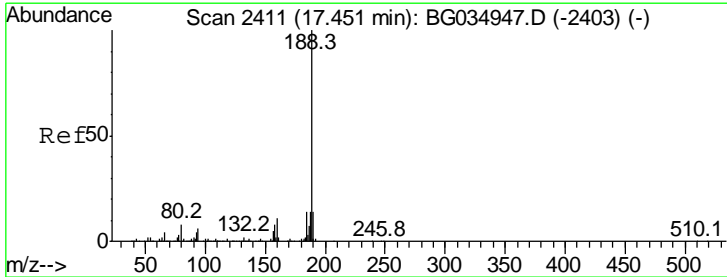
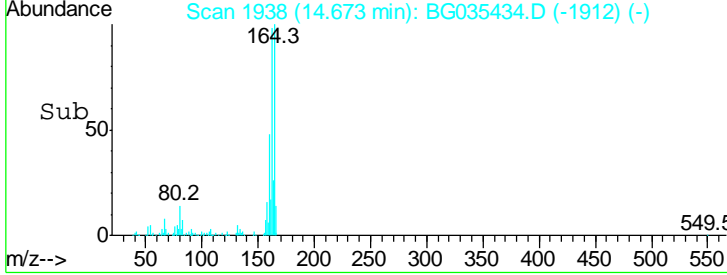
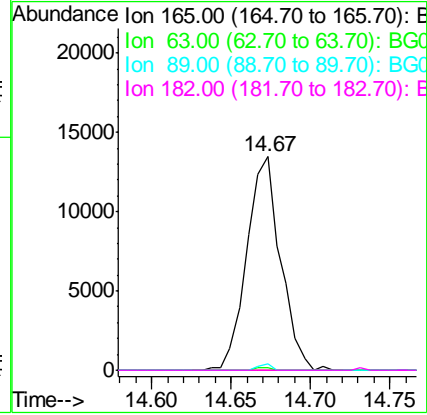
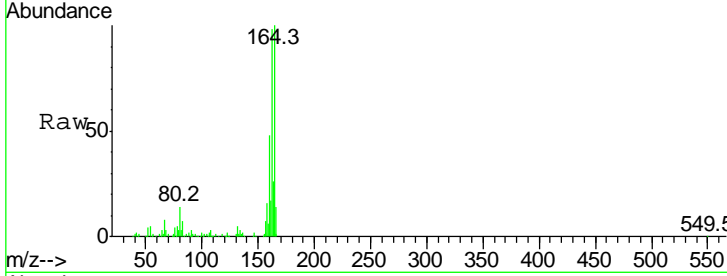




#56
 2,4-Dinitrotoluene
 Concen: 6.593 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

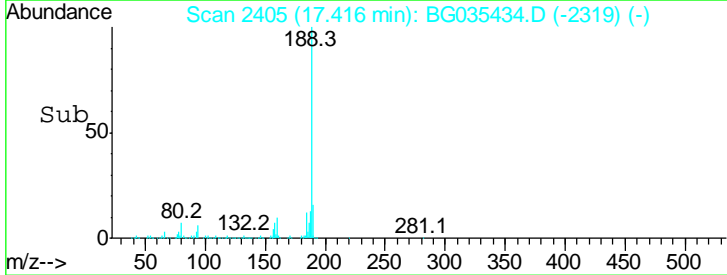
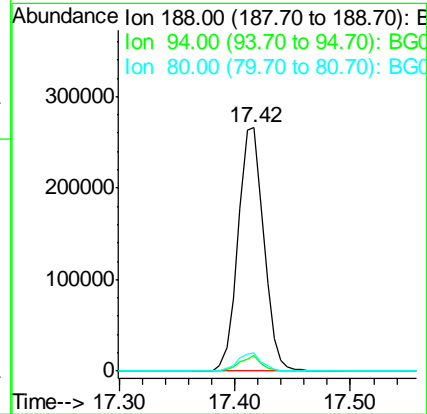
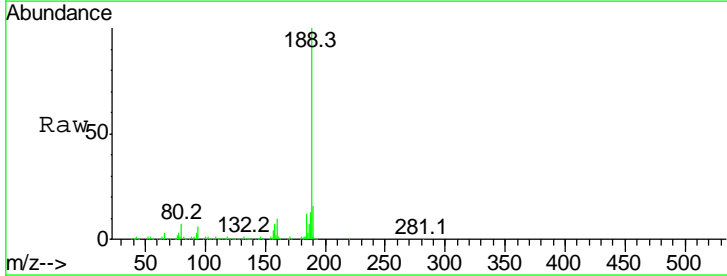
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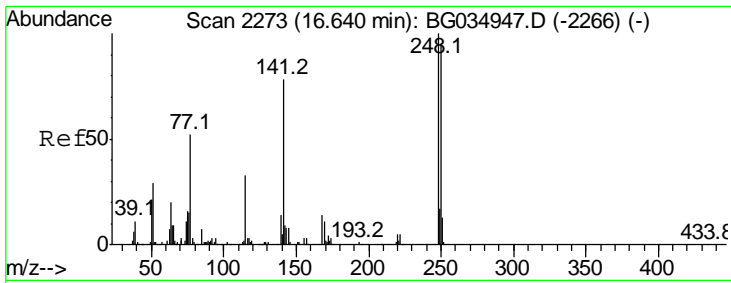
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.3	7.7	11.5#

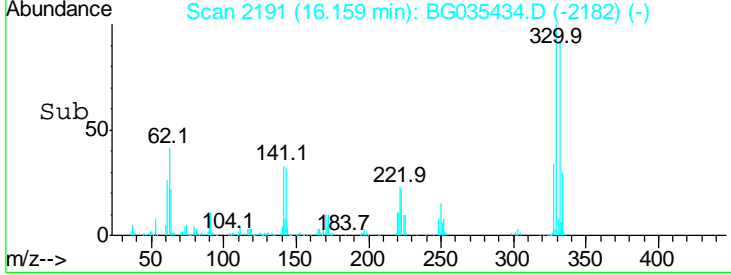
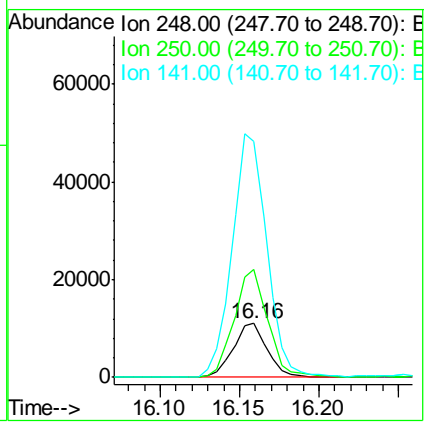
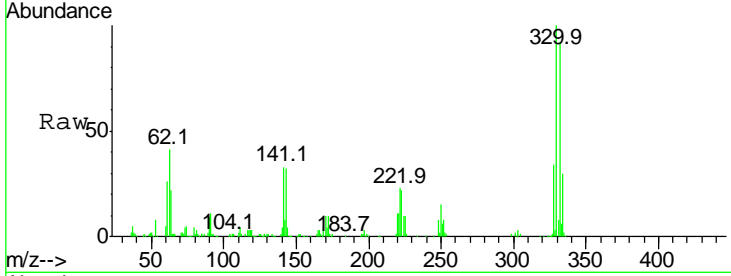




#66
 4-Bromophenyl-phenylether
 Concen: 3.299 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

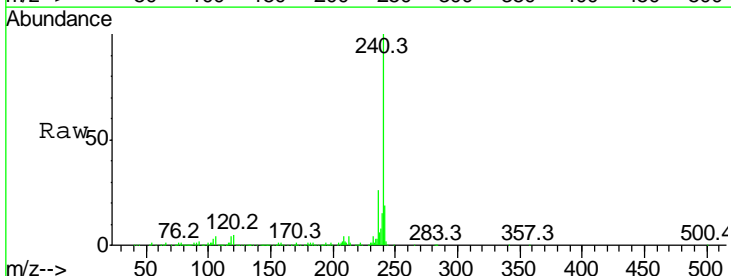
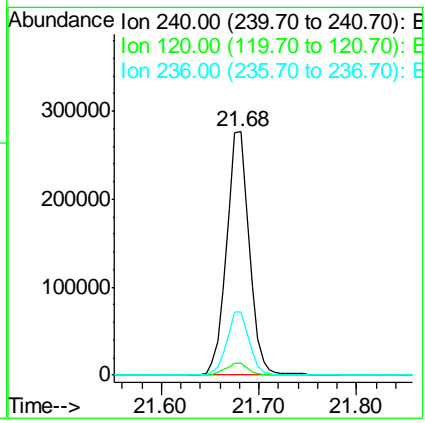
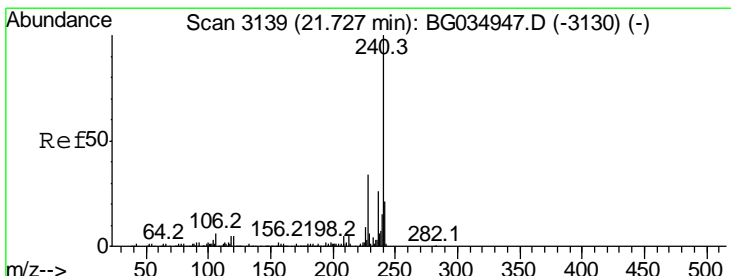
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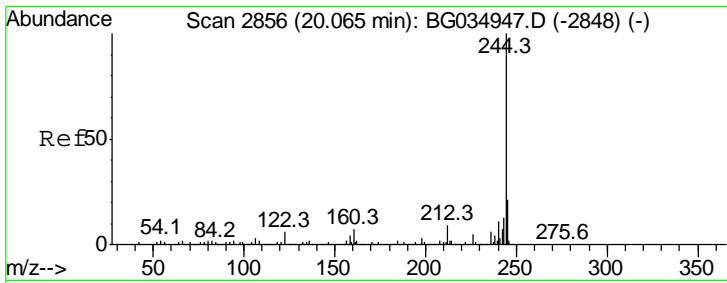
Tgt Ion	Resp	Lower	Upper
248	16303		
250	200.1	77.1	115.7#
141	437.7	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion	Resp	Lower	Upper
240	448428		
120	4.8	6.8	10.2#
236	26.0	20.9	31.3



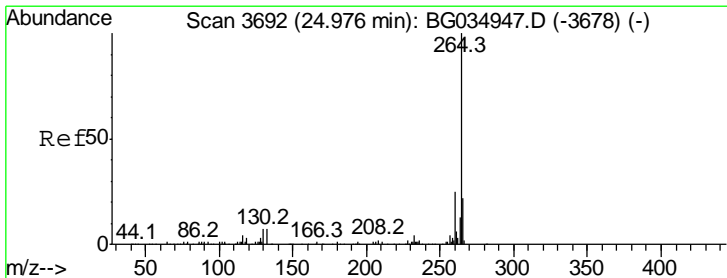
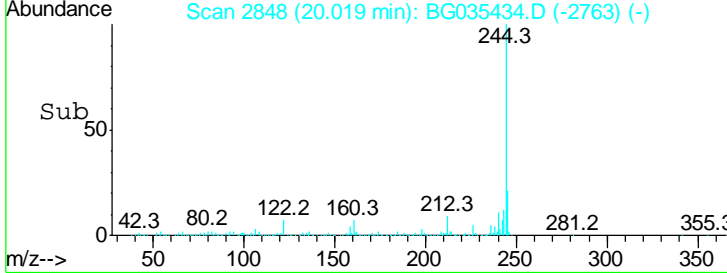
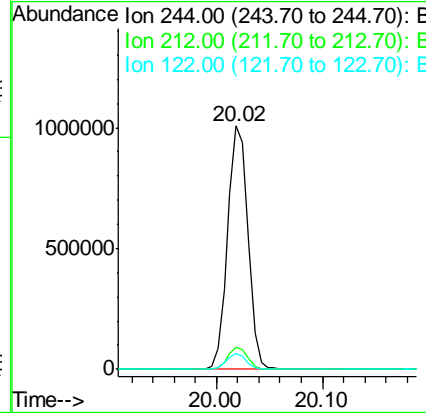
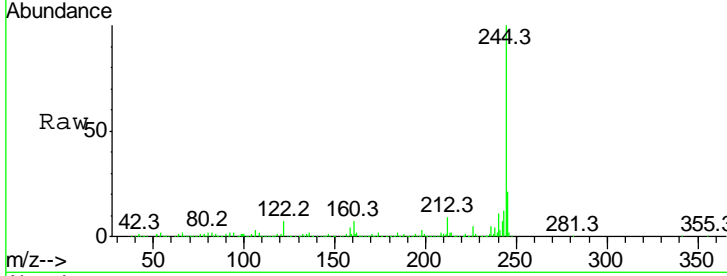


#78
 Terphenyl-d14
 Concen: 63.079 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion: 244 Resp: 1350386

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.7	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035434.D
 Acq: 27 Jun 2018 7:15

Tgt Ion: 264 Resp: 410153

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	20.7	17.7	26.5

