

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035430.D
 Acq On : 27 Jun 2018 4:40
 Operator : JU/SJ
 Sample : J3646-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:23:31 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

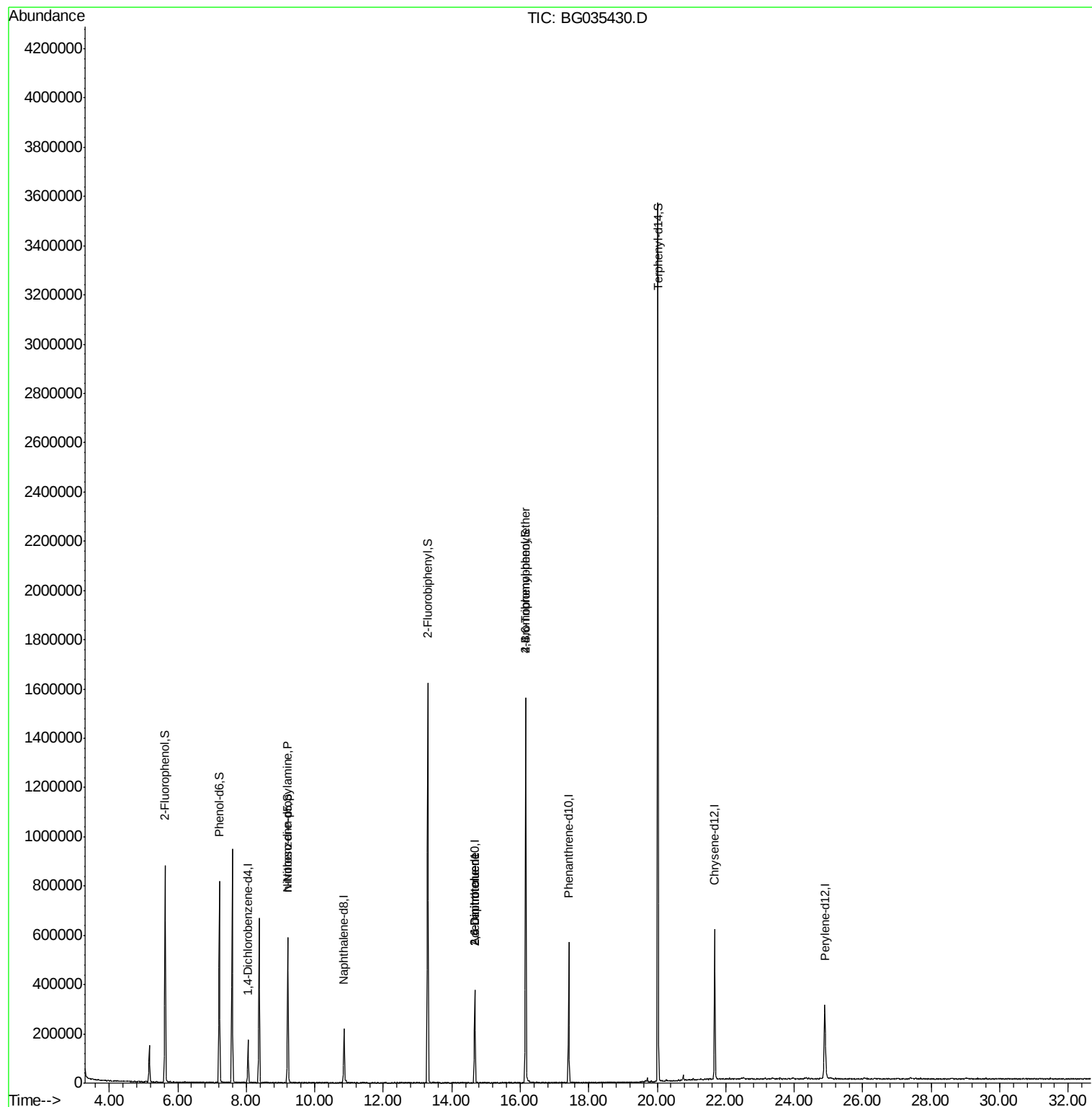
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50677	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	189166	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	133611	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	365921	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	396288	20.00	ng	-0.04
86) Perylene-d12	24.89	264	359557	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	379418	126.35	ng	-0.01
7) Phenol-d6	7.21	99	496095	111.93	ng	-0.01
23) Nitrobenzene-d5	9.22	82	409601	102.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	290634	169.92	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	877889	85.42	ng	-0.03
78) Terphenyl-d14	20.02	244	1768580	93.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	57112	15.168	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	18544	8.724	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	18544	6.567	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	22304	5.062	ng	# 1

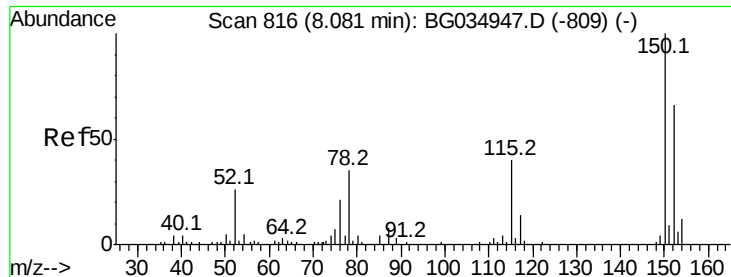
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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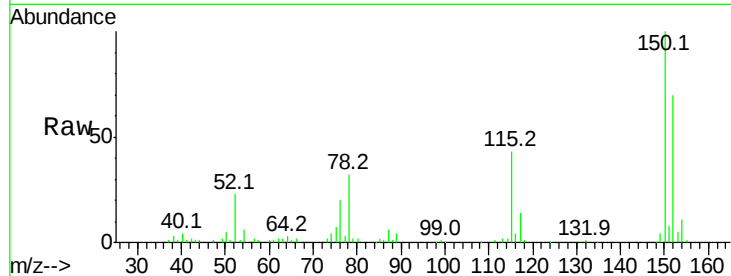


#1

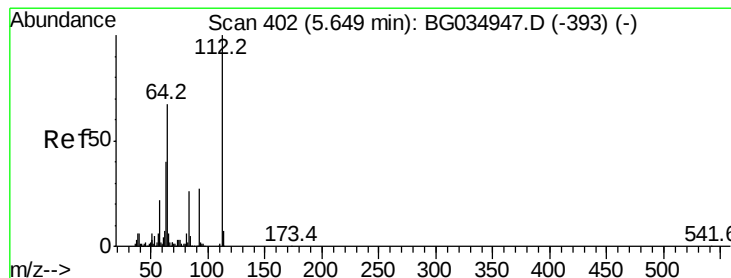
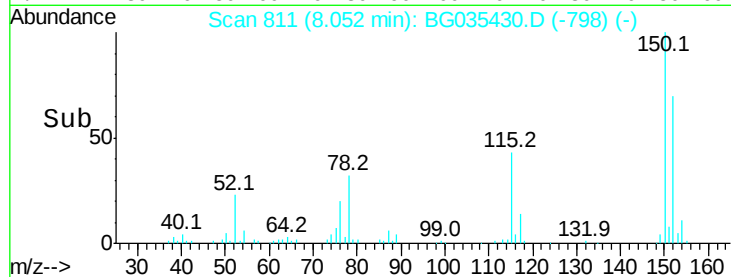
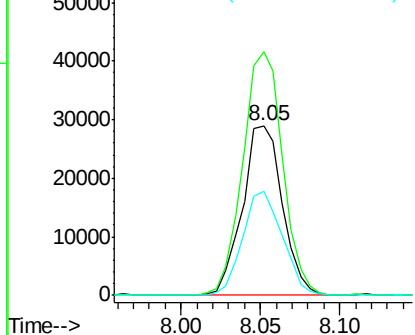
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	126.6	189.8
115	61.2	53.0	79.4



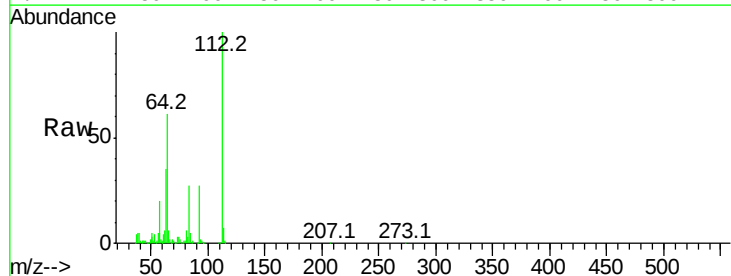
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



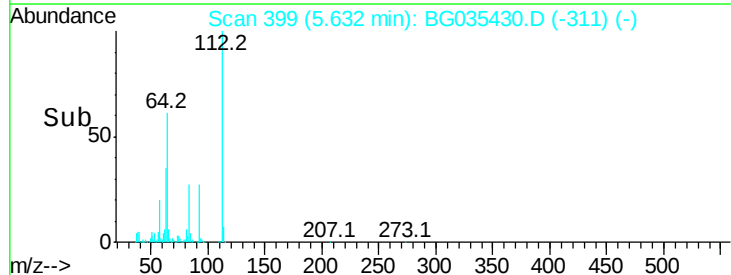
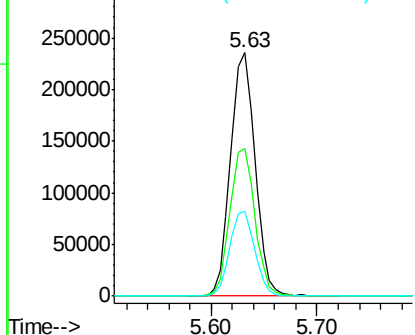
#5

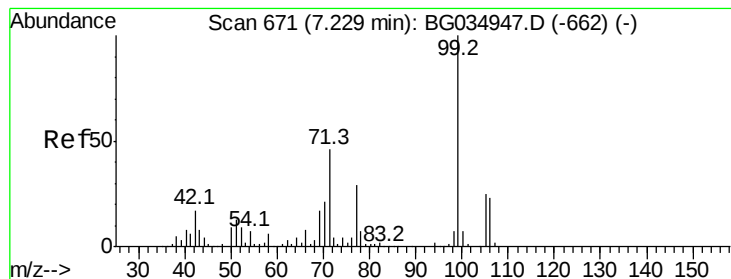
2-Fluorophenol
Concen: 126.351 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	56.3	84.5
63	34.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.933 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_G

ClientSampleId :

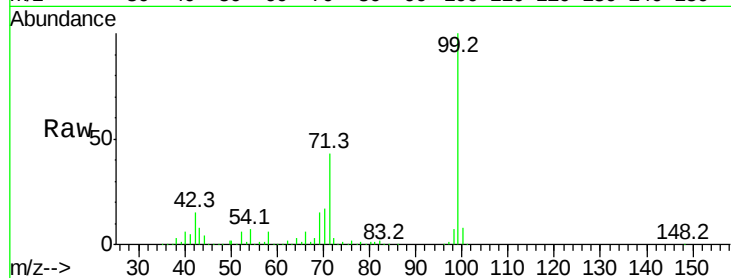
Tot Ion: 99 Resp: 496095

Ion Ratio Lower Upper

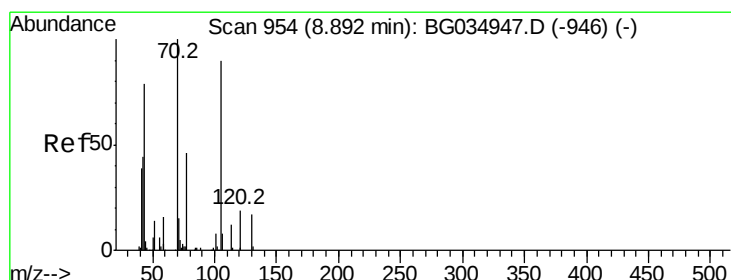
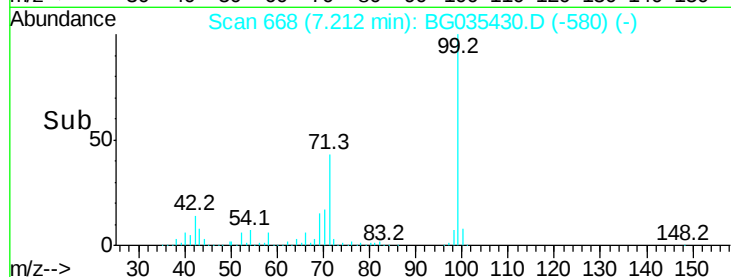
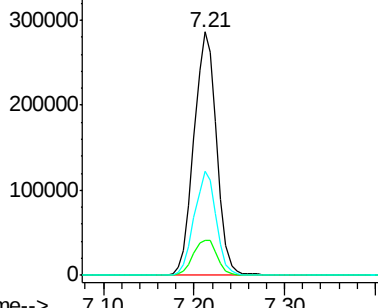
99 100

42 14.6 14.1 21.1

71 42.9 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.168 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Tgt Ion: 70 Resp: 57112

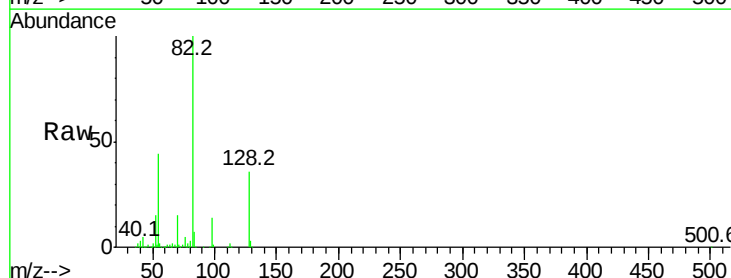
Ion Ratio Lower Upper

70 100

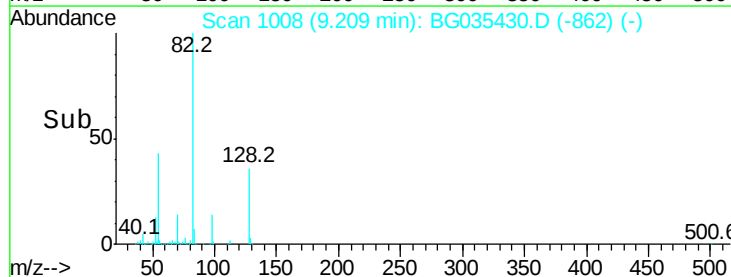
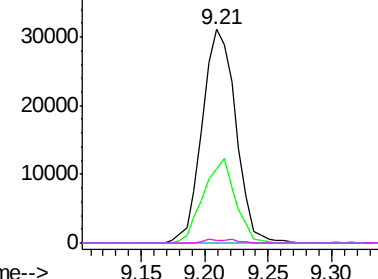
42 35.0 49.1 73.7#

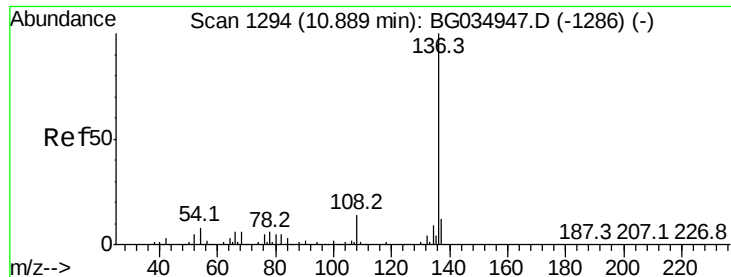
101 0.0 8.5 12.7#

130 1.5 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

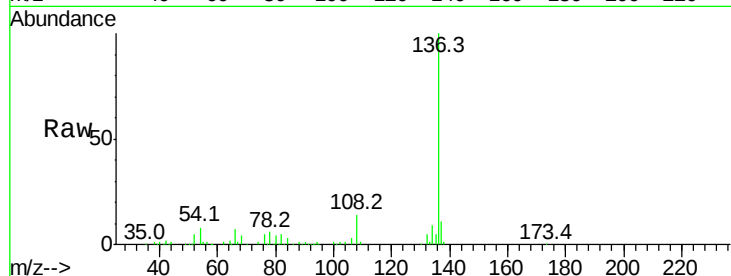




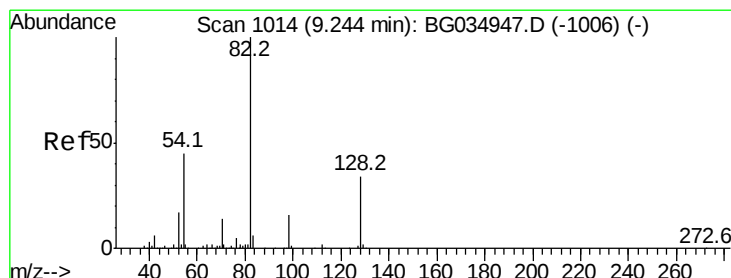
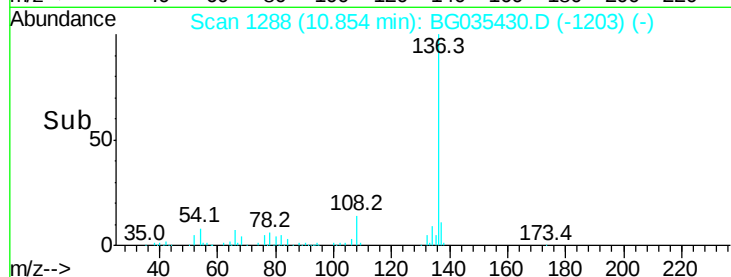
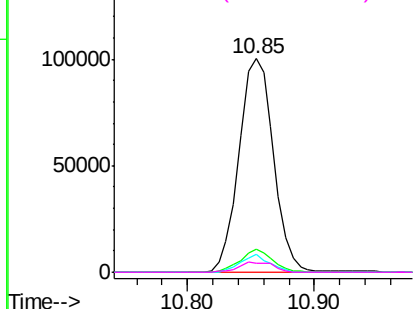
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	189166
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.4	10.3	15.5#
68	4.0	4.5	6.7#

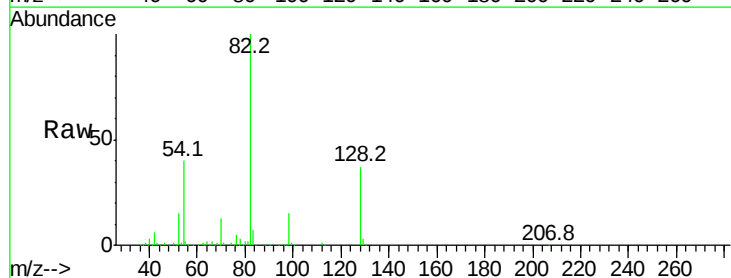


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

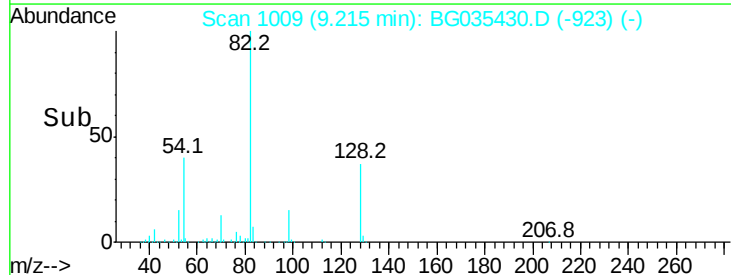
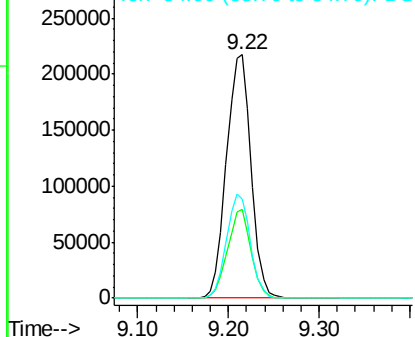


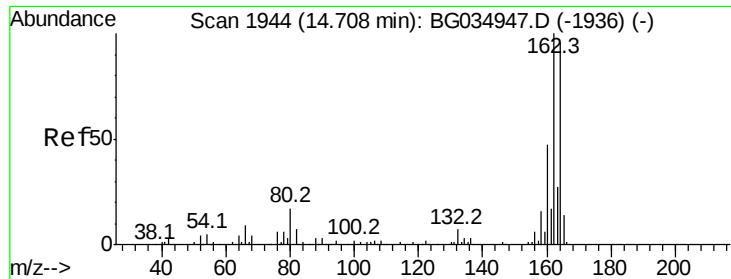
#23
Nitrobenzene-d5
Concen: 102.926 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Tgt Ion:	82	Resp:	409601
Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.7	44.5
54	40.5	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

Instrument :

BNA_G

ClientSampleId :

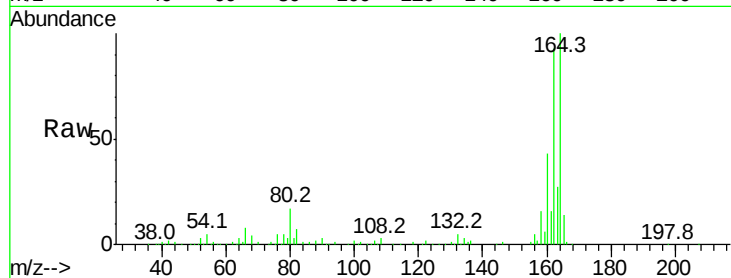
Tot Ion:164 Resp: 133611

Ion Ratio Lower Upper

164 100

162 93.1 78.8 118.2

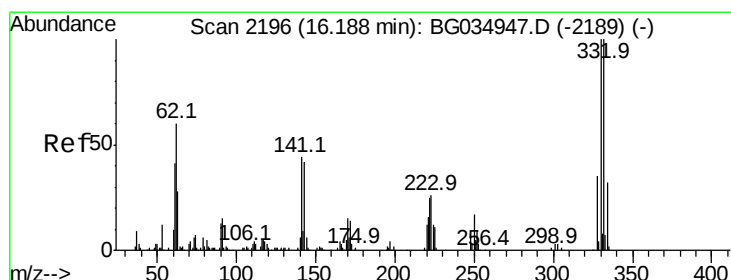
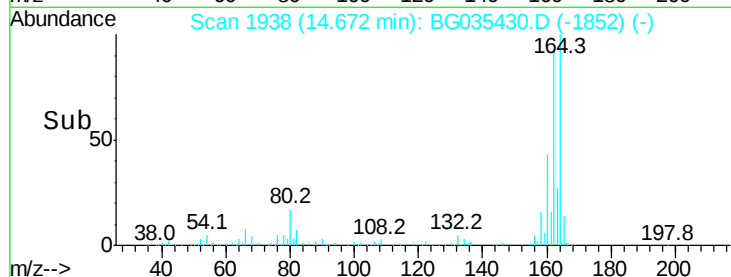
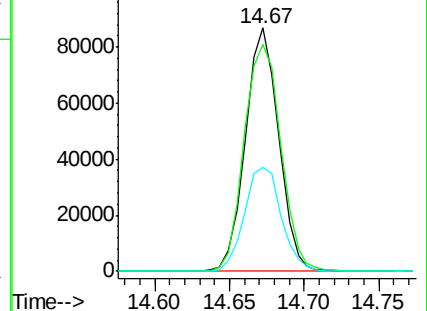
160 43.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 169.923 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035430.D

Acq: 27 Jun 2018 4:40

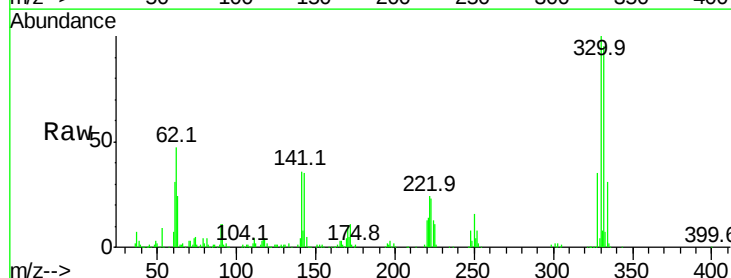
Tgt Ion:330 Resp: 290634

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

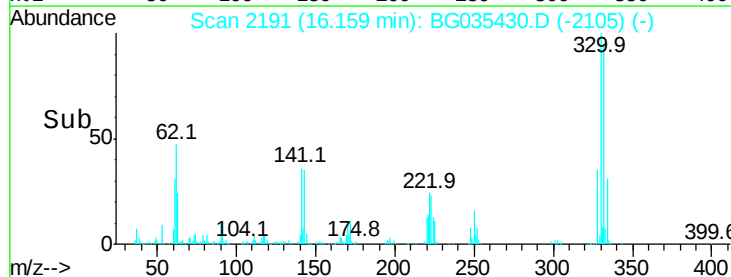
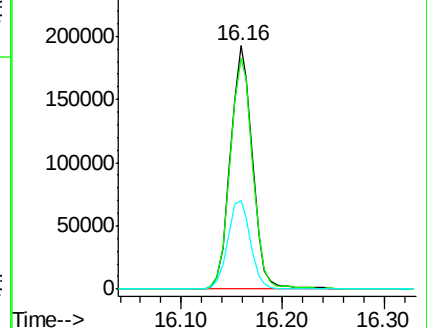
141 37.7 25.2 37.8

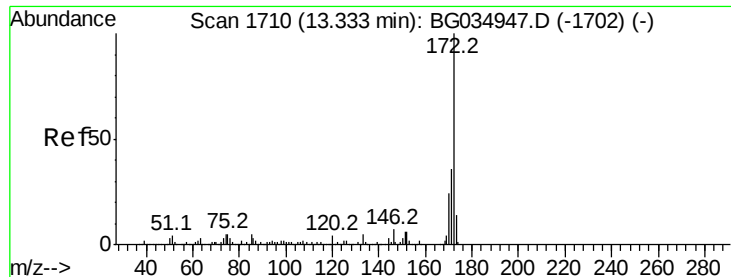


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

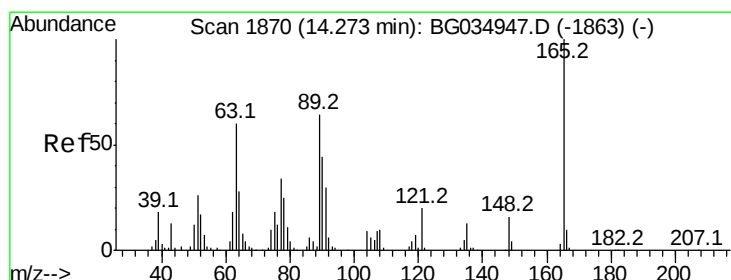
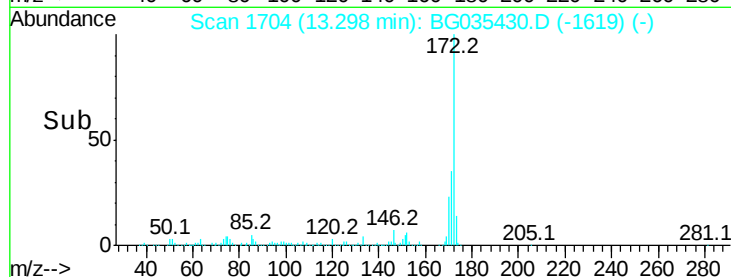
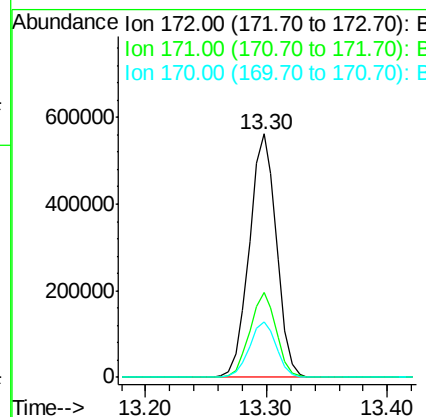
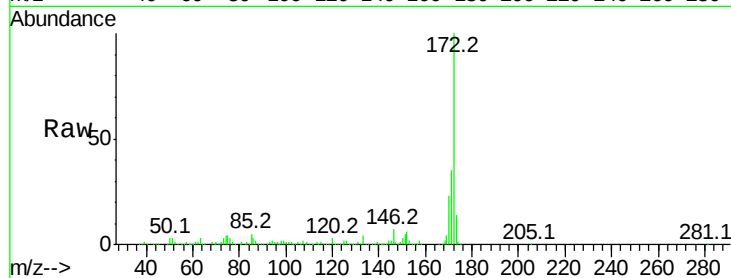




#44
2-Fluorobiphenyl
Concen: 85.416 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

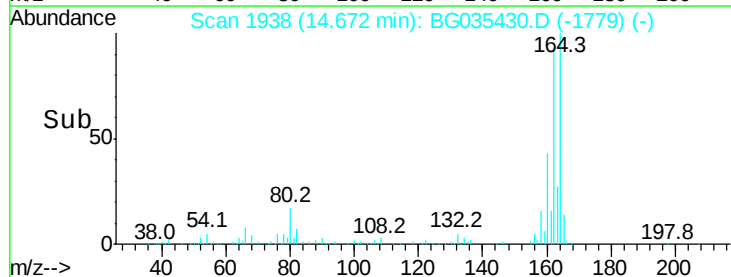
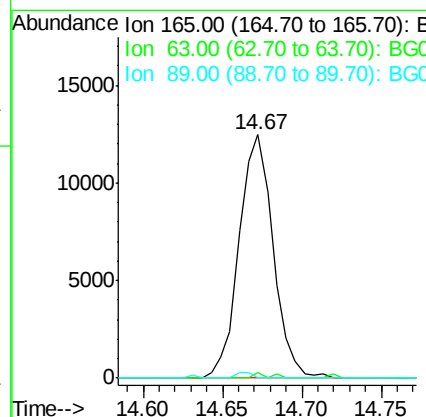
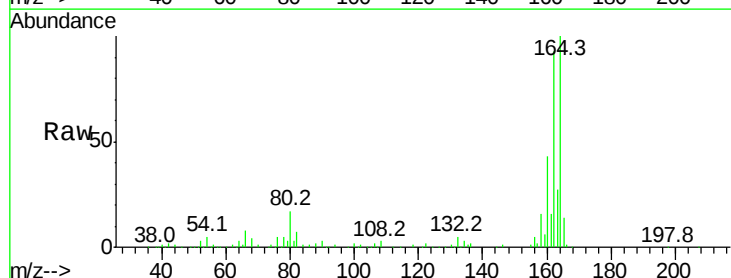
Instrument :
BNA_G
ClientSampleId :

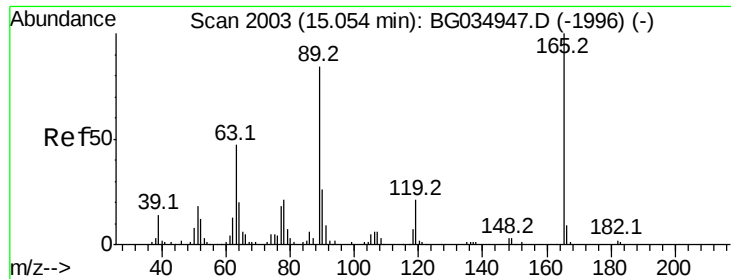
Tot Ion:172 Resp: 877889
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 22.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.40 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Tgt Ion:165 Resp: 18544
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 0.0 49.2 73.8#

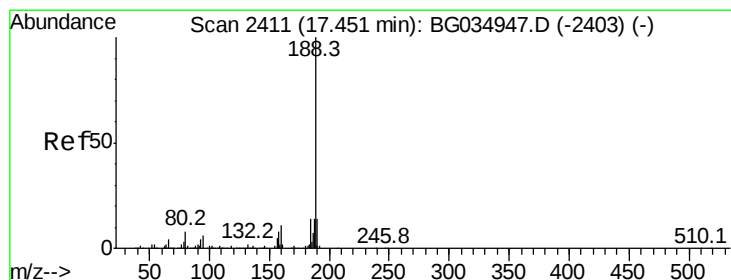
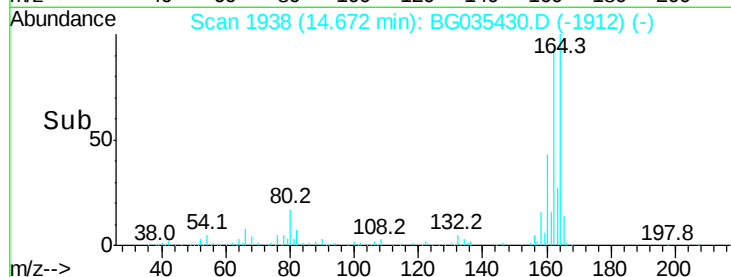
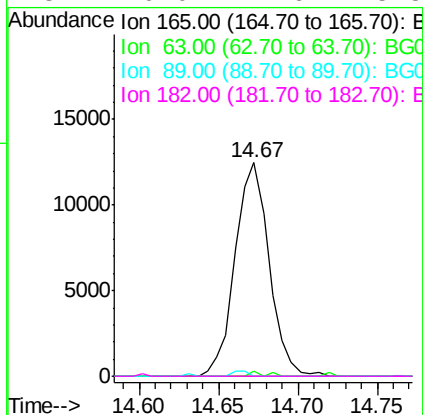
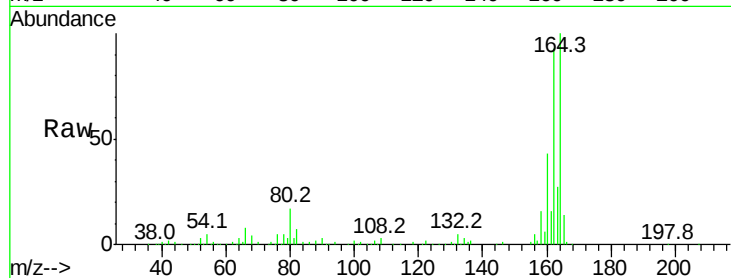




#56
 2,4-Dinitrotoluene
 Concen: 6.567 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035430.D
 Acq: 27 Jun 2018 4:40

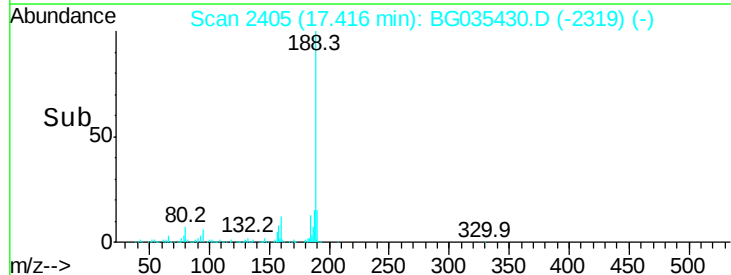
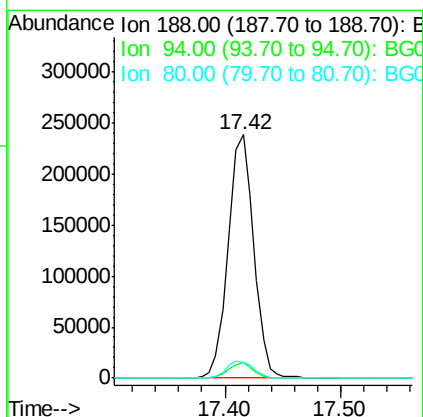
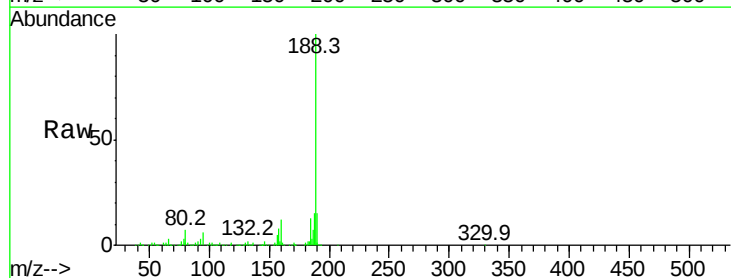
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	18544
Ion Ratio	Lower	Upper
165	100	
63	2.3	42.0 63.0#
89	0.0	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: BG035430.D
 Acq: 27 Jun 2018 4:40

Tgt Ion:188	Resp:	365921
Ion Ratio	Lower	Upper
188	100	
94	6.5	6.9 10.3#
80	6.7	7.7 11.5#

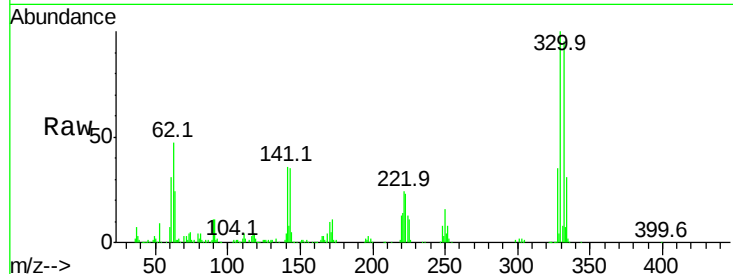




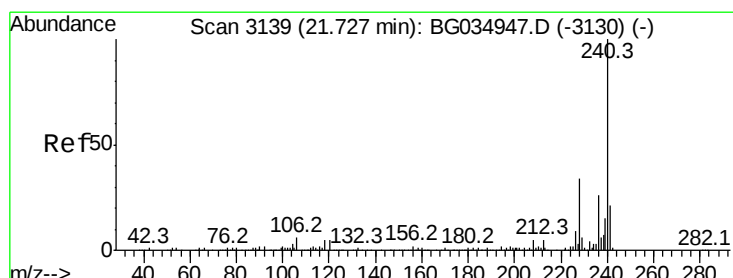
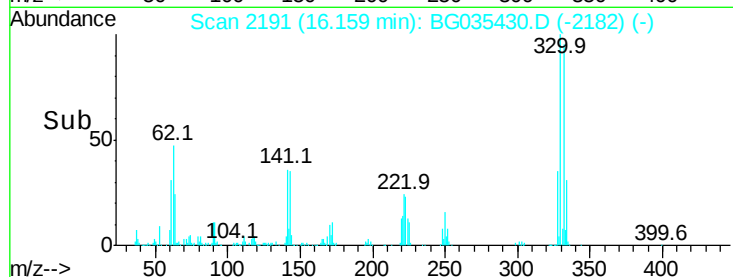
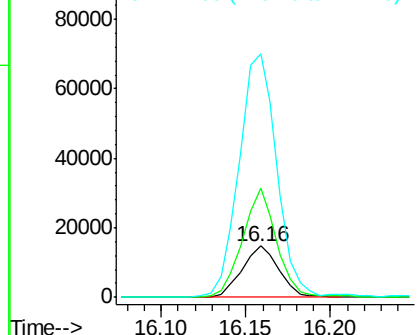
#66
4-Bromophenyl-phenylether
Concen: 5.062 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 22304
Ion Ratio Lower Upper
248 100
250 213.6 77.1 115.7#
141 476.4 50.8 76.2#

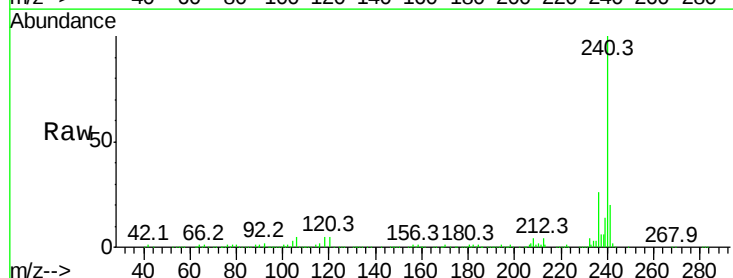


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

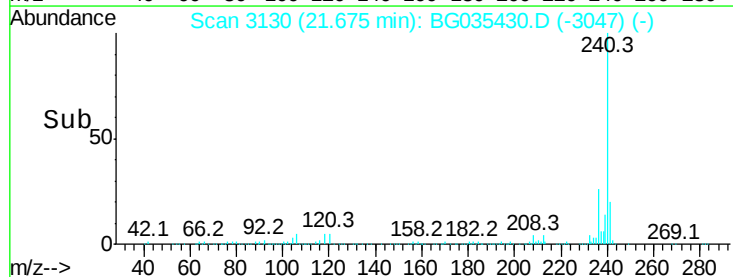
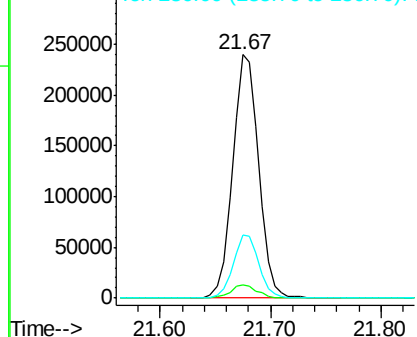


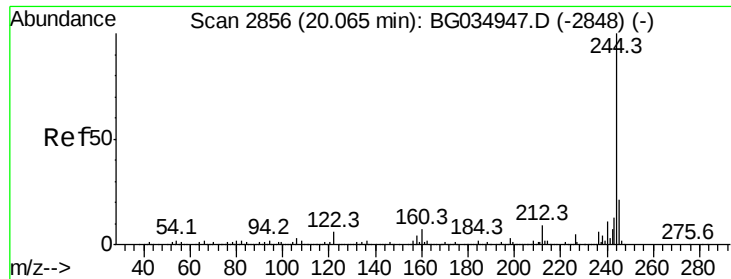
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.04 min
Lab File: BG035430.D
Acq: 27 Jun 2018 4:40

Tgt Ion:240 Resp: 396288
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

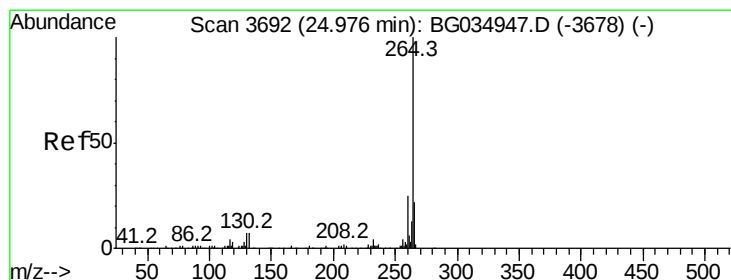
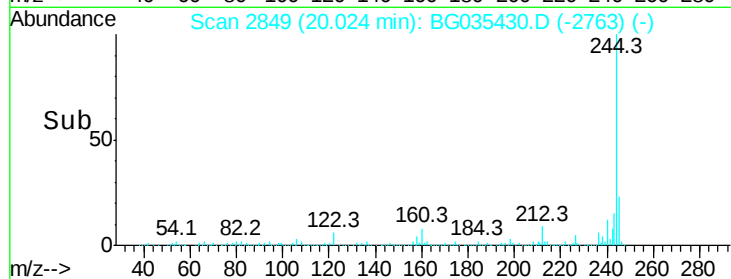
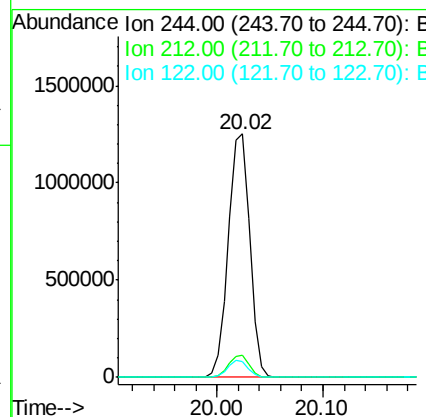
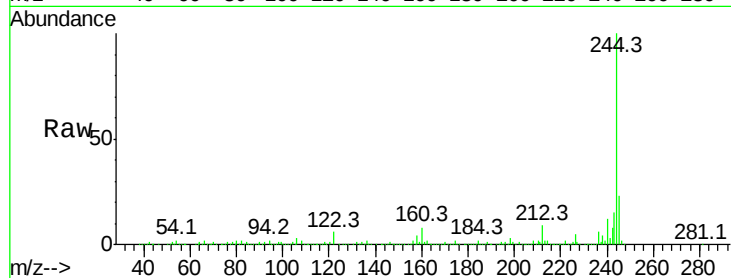




#78
 Terphenyl-d14
 Concen: 93.482 ng
 RT: 20.02 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035430.D
 Acq: 27 Jun 2018 4:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1768580
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.8 8.8#
 122 6.5 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: BG035430.D
 Acq: 27 Jun 2018 4:40

Tgt Ion:264 Resp: 359557
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 21.2 17.7 26.5

