

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035435.D
 Acq On : 27 Jun 2018 7:53
 Operator : JU/SJ
 Sample : J3629-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 09:20:15 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

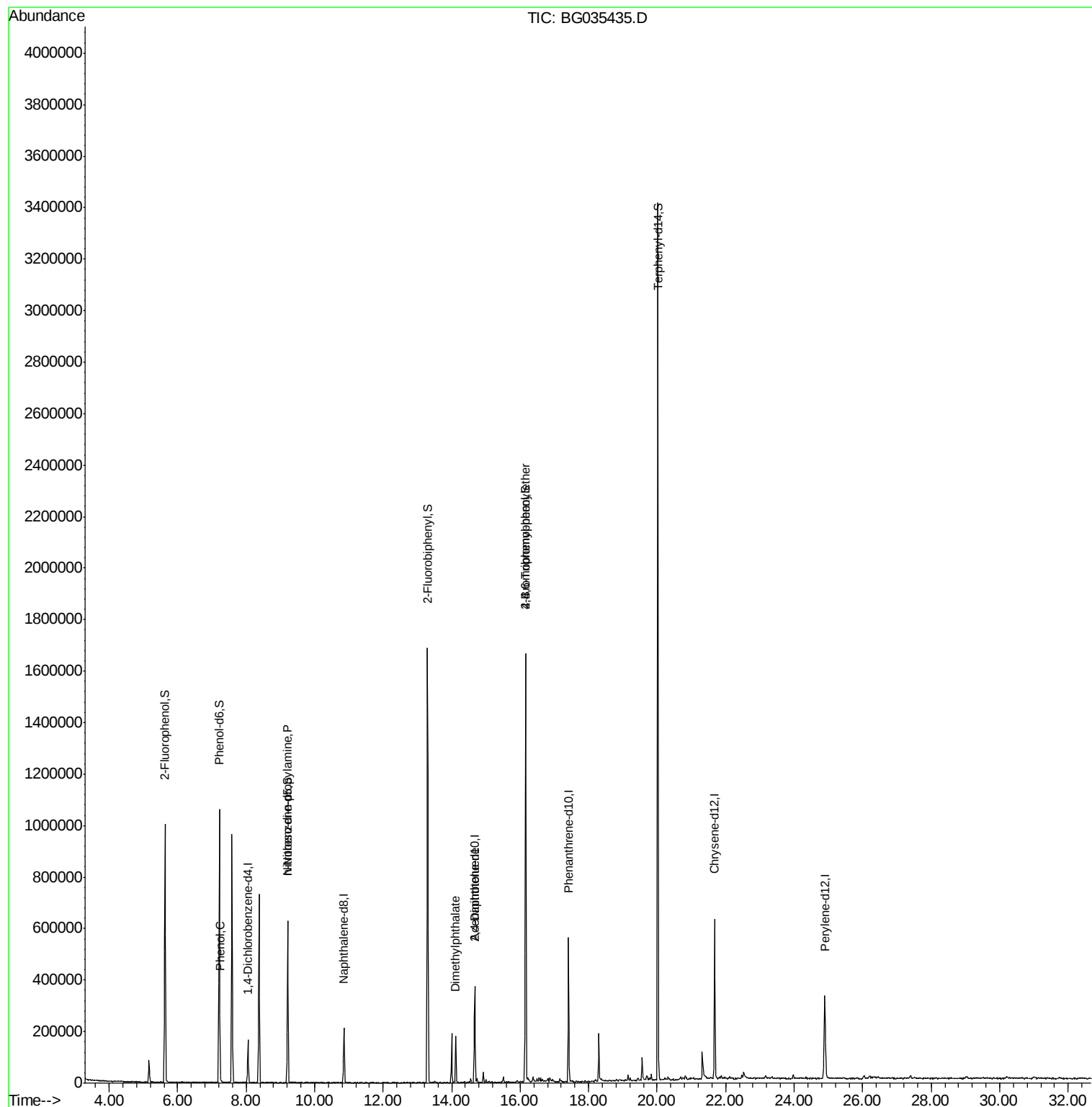
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48979	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	181519	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	132523	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	359786	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	385062	20.00	ng	-0.04
86) Perylene-d12	24.90	264	376662	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	432632	149.07	ng	-0.02
7) Phenol-d6	7.21	99	642354	149.96	ng	-0.01
23) Nitrobenzene-d5	9.21	82	402378	105.37	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	306208	180.50	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	942199	92.43	ng	-0.03
78) Terphenyl-d14	20.02	244	1587622	86.36	ng	-0.03
Target Compounds						
10) Phenol	7.24	94	10138	2.287	ng	# 53
19) n-Nitroso-di-n-propylamine	9.21	70	55218	15.173	ng	# 70
49) Dimethylphthalate	14.12	163	121720	10.533	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	18861	6.735	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	25070	5.786	ng	# 1

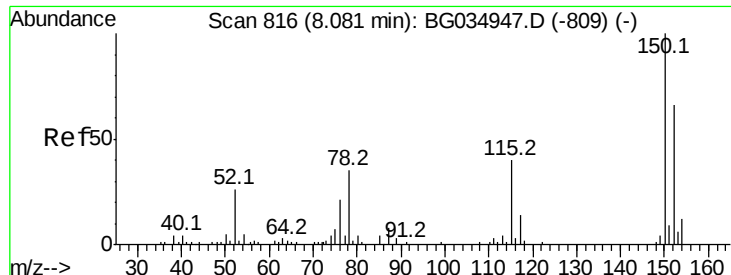
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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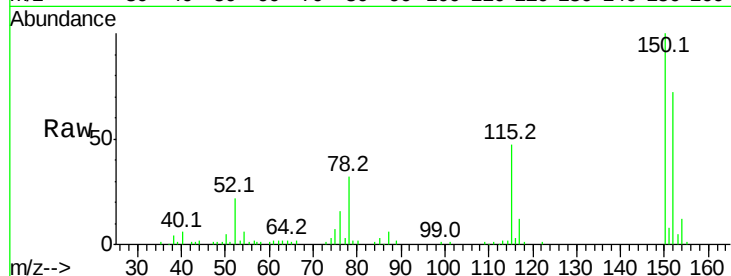


#1

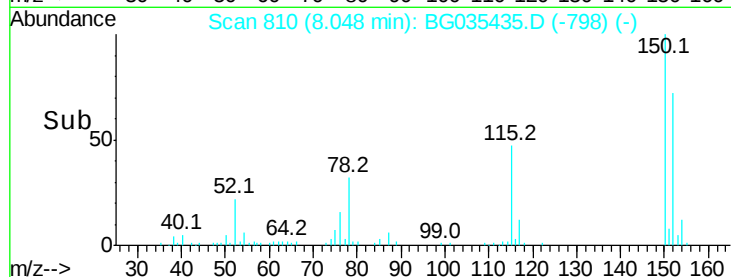
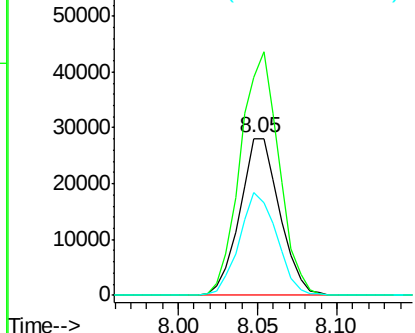
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035435.D
Acq: 27 Jun 2018 7:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	126.6	189.8
115	65.3	53.0	79.4



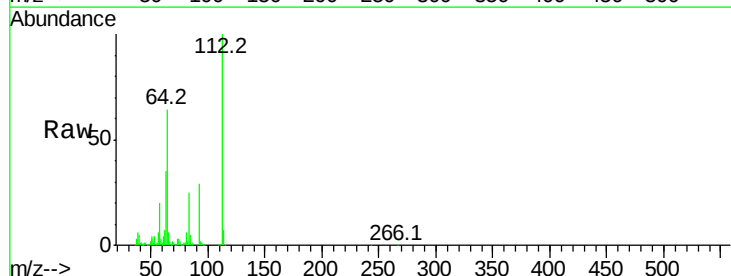
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



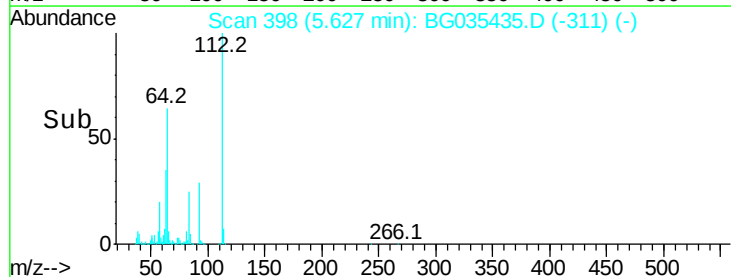
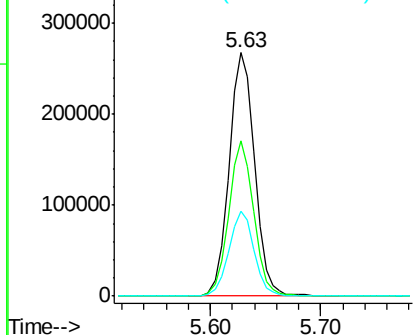
#5

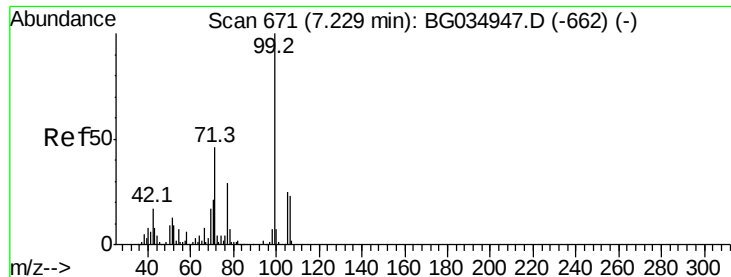
2-Fluorophenol
Concen: 149.067 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035435.D
Acq: 27 Jun 2018 7:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	56.3	84.5
63	34.9	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: 149.957 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

Instrument :

BNA_G

ClientSampled :

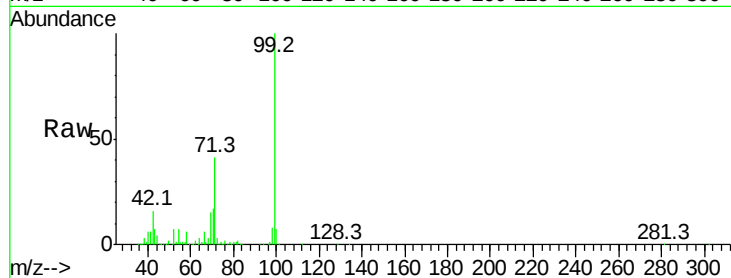
Tot Ion: 99 Resp: 642354

Ion Ratio Lower Upper

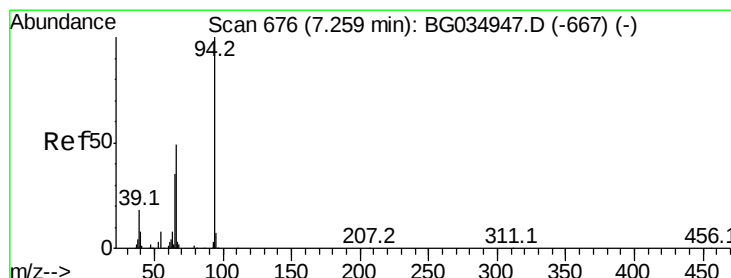
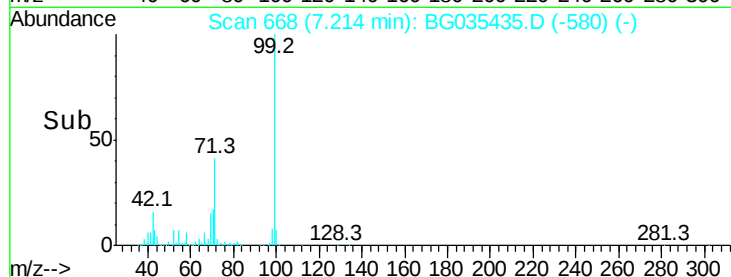
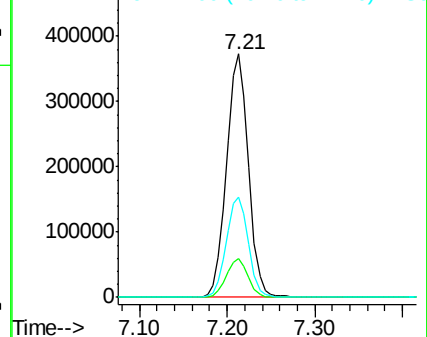
99 100

42 16.1 14.1 21.1

71 41.2 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



#10

Phenol

Concen: 2.287 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

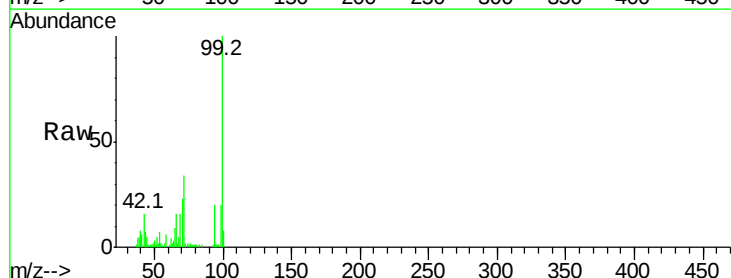
Tgt Ion: 94 Resp: 10138

Ion Ratio Lower Upper

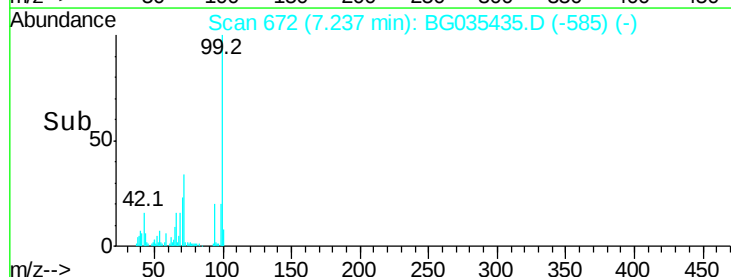
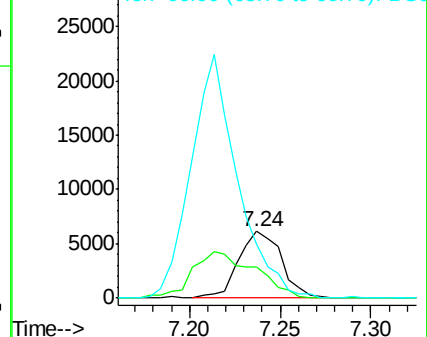
94 100

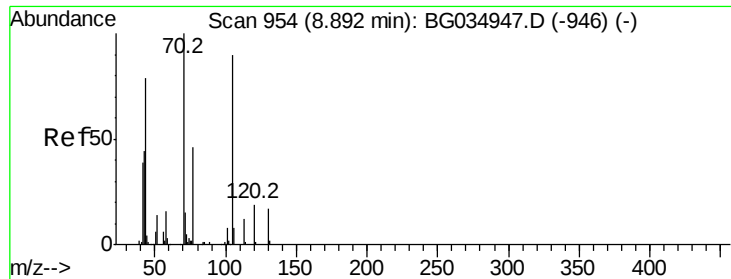
65 47.2 11.9 51.9

66 81.5 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

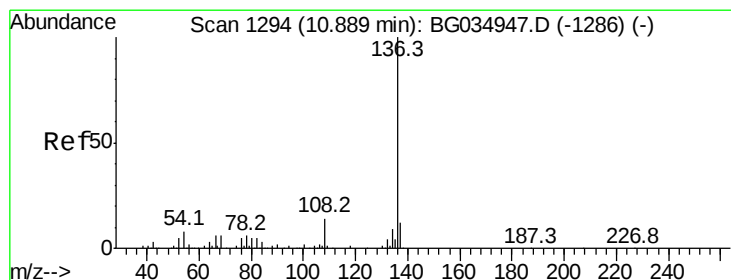
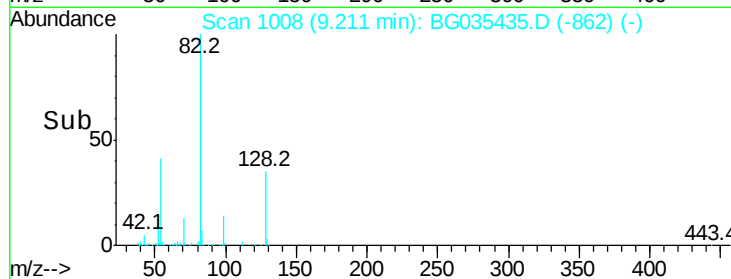
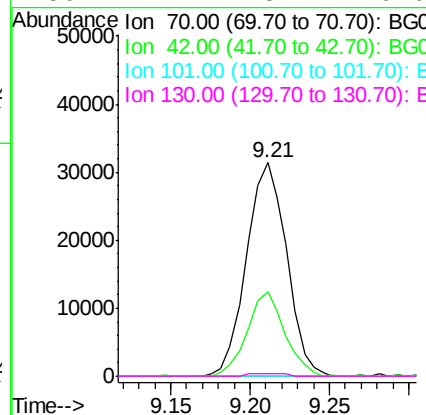
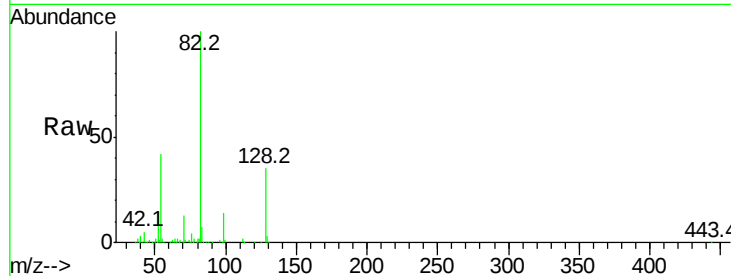




#19
n-Nitroso-di-n-propylamine
Concen: 15.173 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035435.D
Acq: 27 Jun 2018 7:53

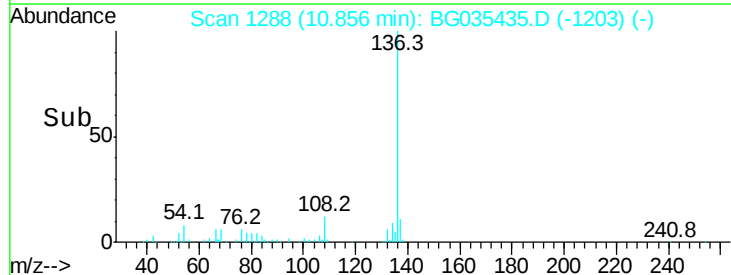
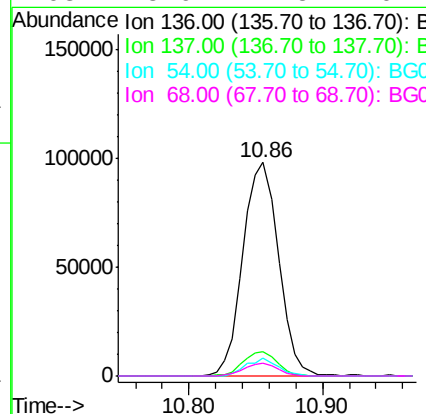
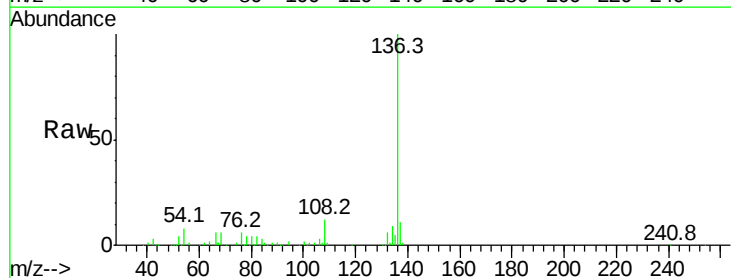
Instrument :
BNA_G
ClientSampleId :

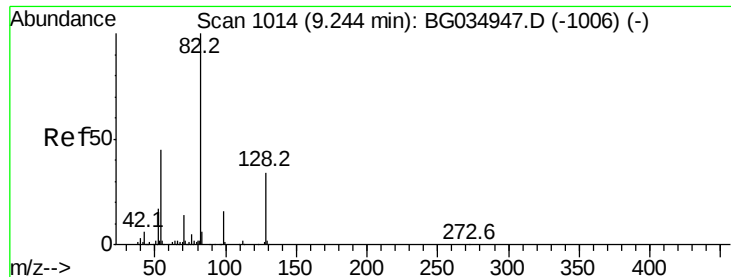
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.8	49.1	73.7#
101	0.0	8.5	12.7#
130	1.4	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035435.D
Acq: 27 Jun 2018 7:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.2	10.3	15.5#
68	5.9	4.5	6.7

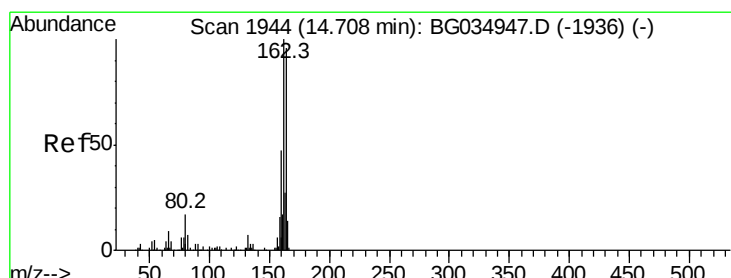
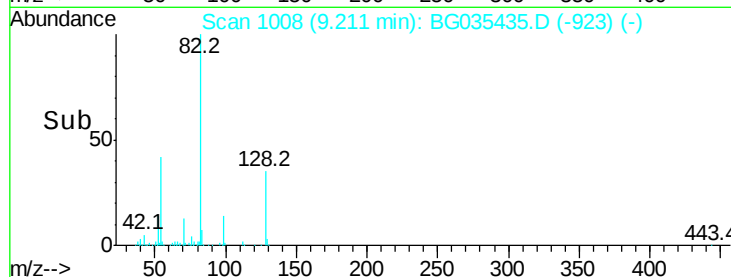
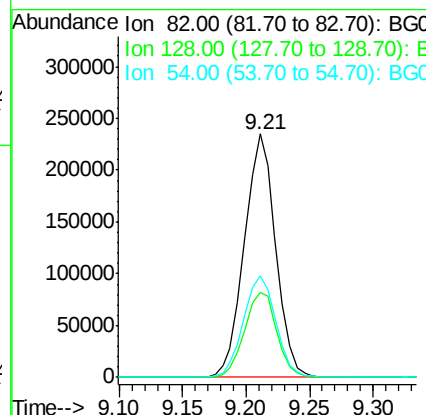
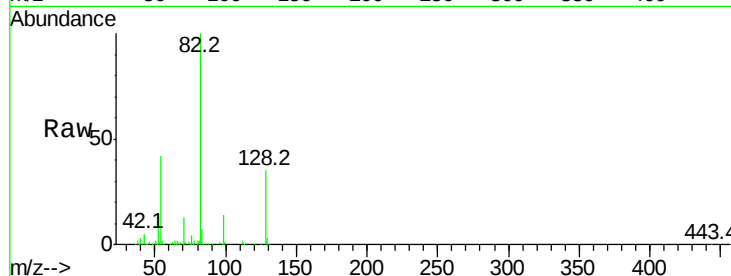




#23
 Nitrobenzene-d5
 Concen: 105.371 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035435.D
 Acq: 27 Jun 2018 7:53

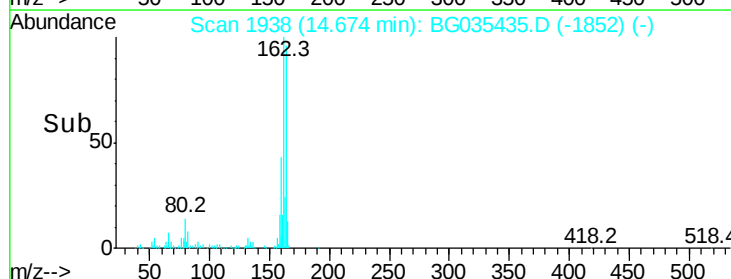
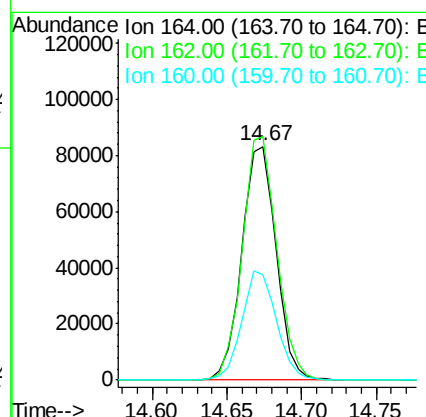
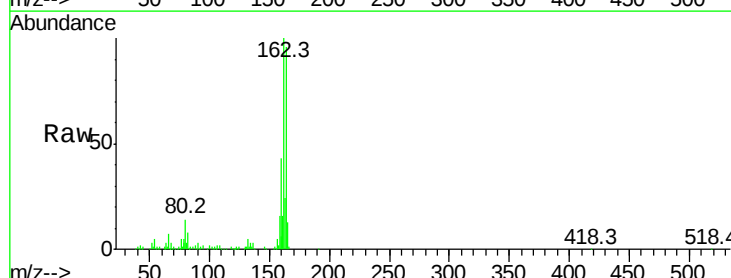
Instrument :
 BNA_G
 ClientSampleId :

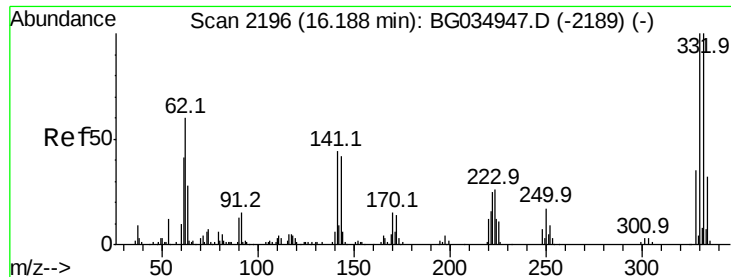
Tot Ion: 82 Resp: 402378
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 42.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035435.D
 Acq: 27 Jun 2018 7:53

Tgt Ion: 164 Resp: 132523
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 45.2 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 180.498 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

Instrument :

BNA_G

ClientSampled :

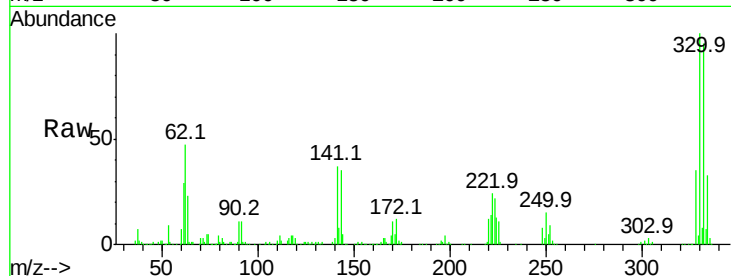
Tot Ion:330 Resp: 306208

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

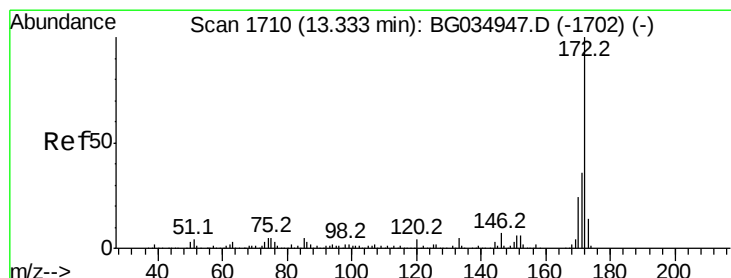
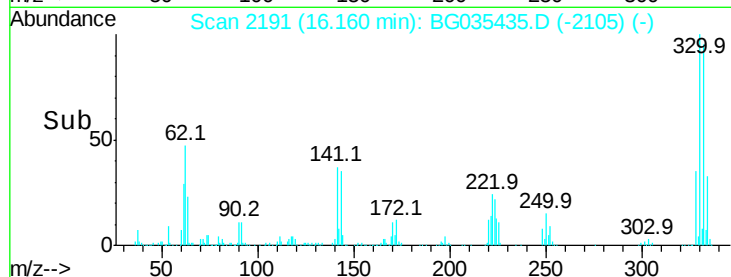
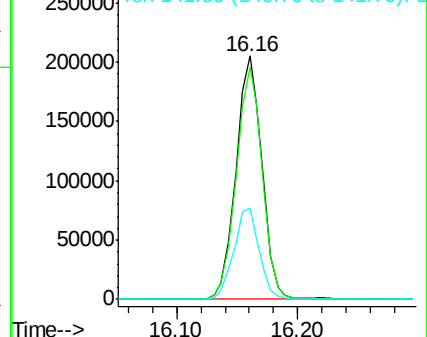
141 37.2 25.2 37.8



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: 92.426 ng

RT: 13.29 min Scan# 1703

Delta R.T. -0.03 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

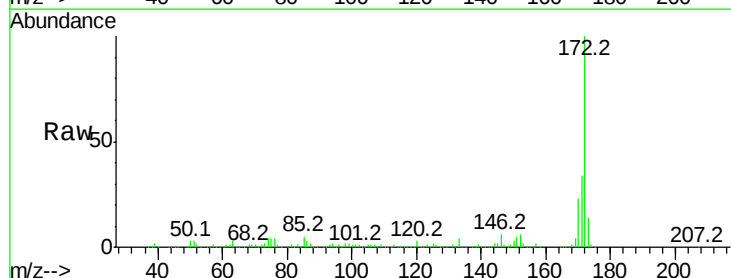
Tgt Ion:172 Resp: 942199

Ion Ratio Lower Upper

172 100

171 34.0 30.0 45.0

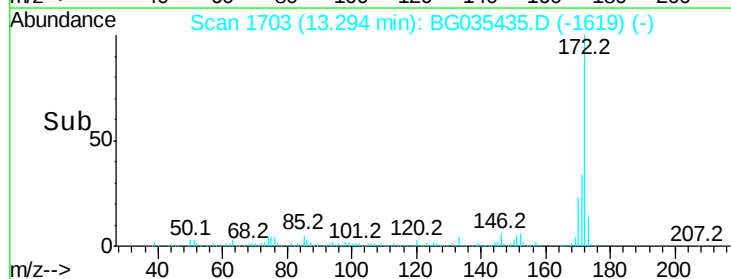
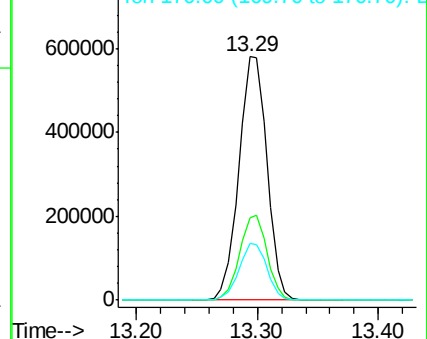
170 23.3 19.5 29.3

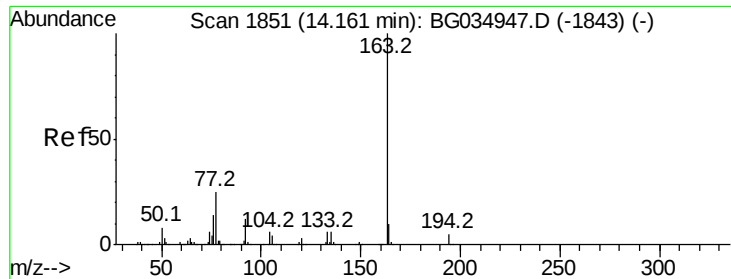


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.533 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

Instrument :

BNA_G

ClientSampleId :

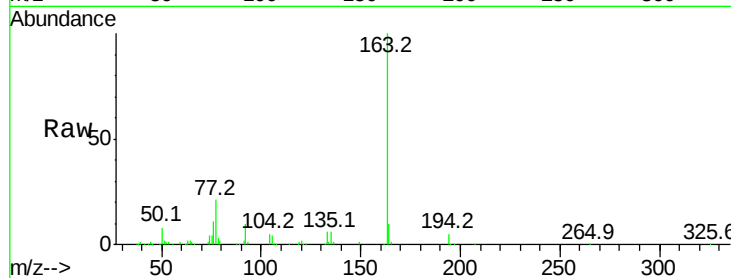
Tot Ion:163 Resp: 121720

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

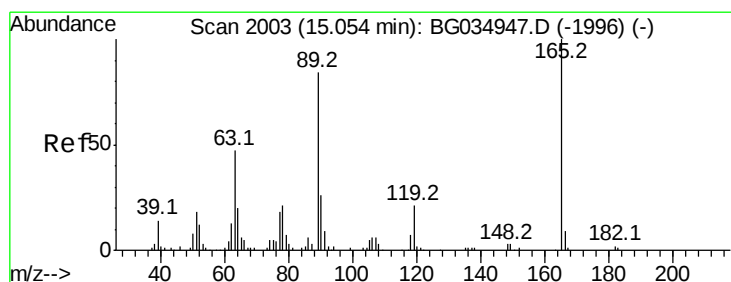
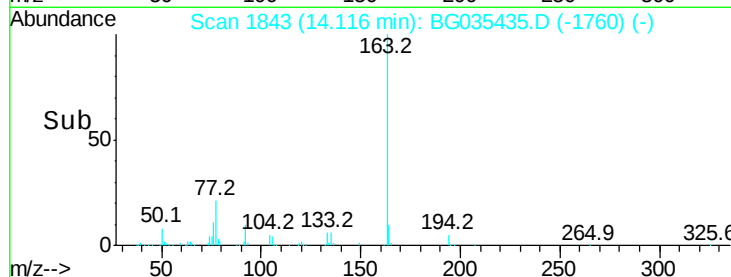
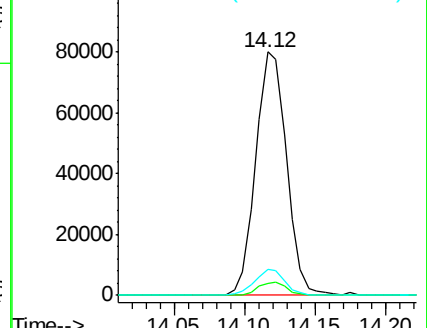
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.735 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.38 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

Tgt Ion:165 Resp: 18861

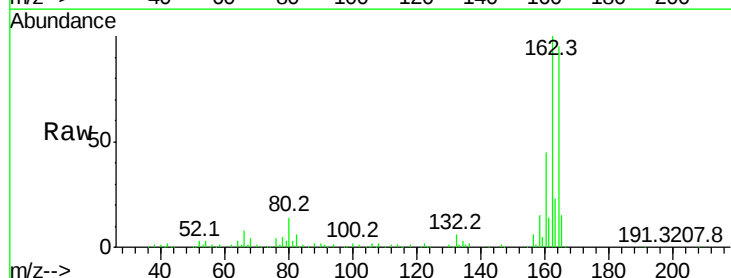
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

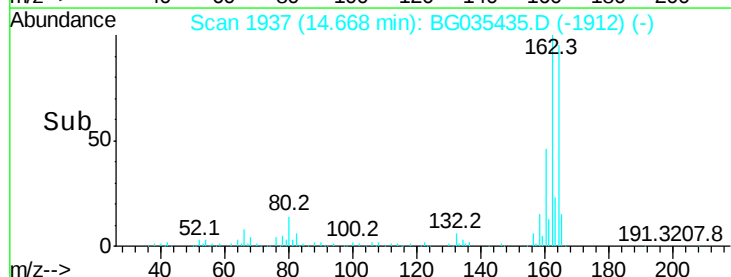
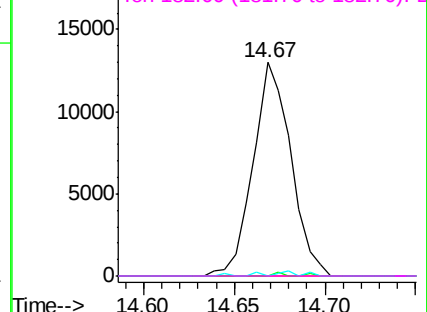


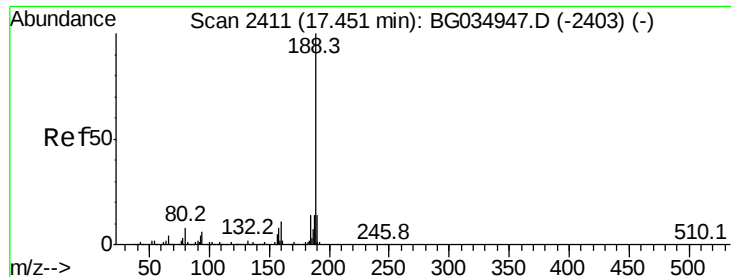
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

Instrument :

BNA_G

ClientSampleId :

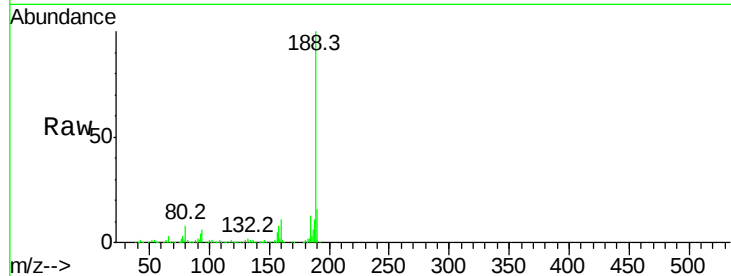
Tot Ion:188 Resp: 359786

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

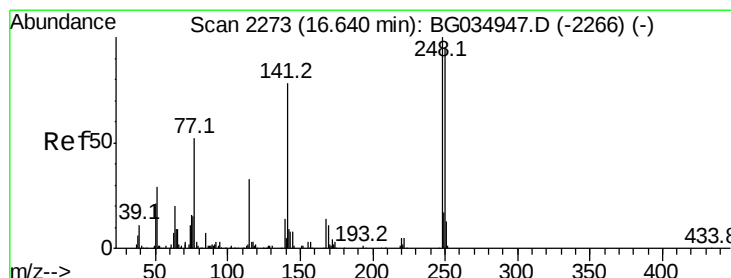
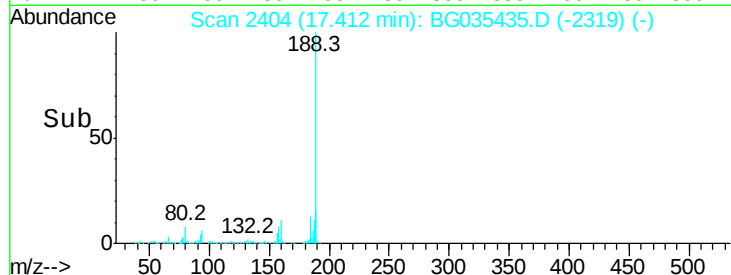
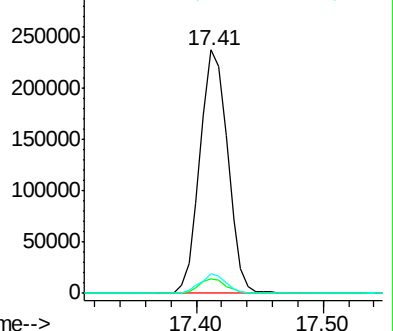
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

4-Bromophenyl-phenylether

Concen: 5.786 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.47 min

Lab File: BG035435.D

Acq: 27 Jun 2018 7:53

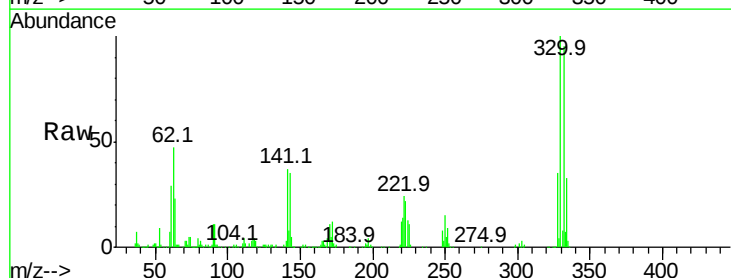
Tgt Ion:248 Resp: 25070

Ion Ratio Lower Upper

248 100

250 194.5 77.1 115.7#

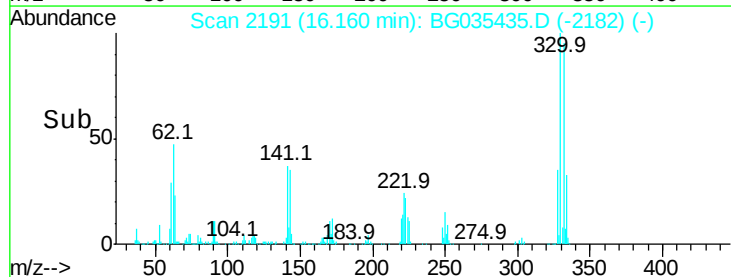
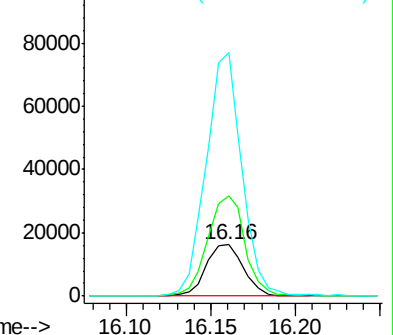
141 473.3 50.8 76.2#

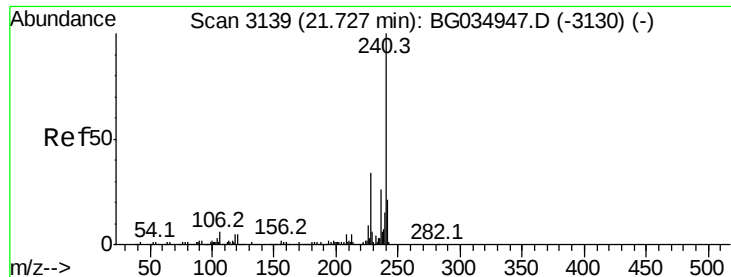


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

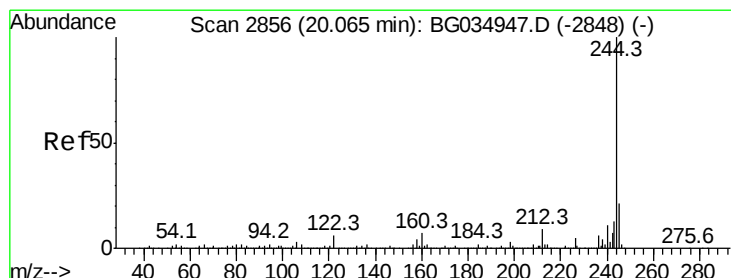
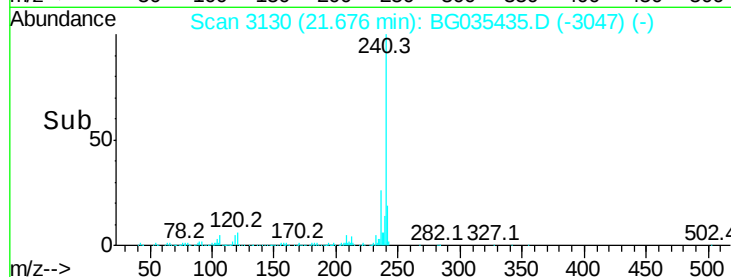
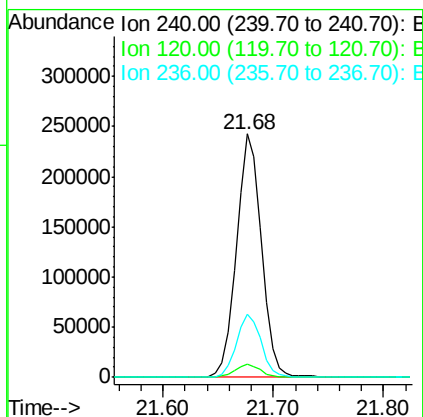
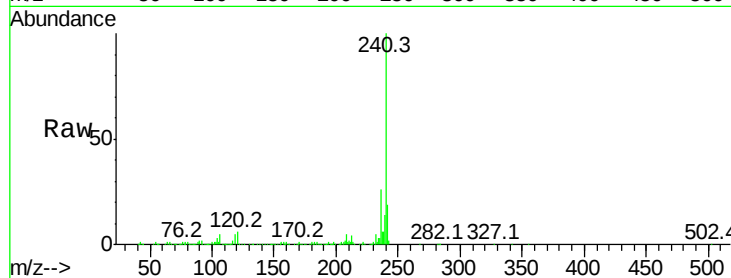




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.04 min
 Lab File: BG035435.D
 Acq: 27 Jun 2018 7:53

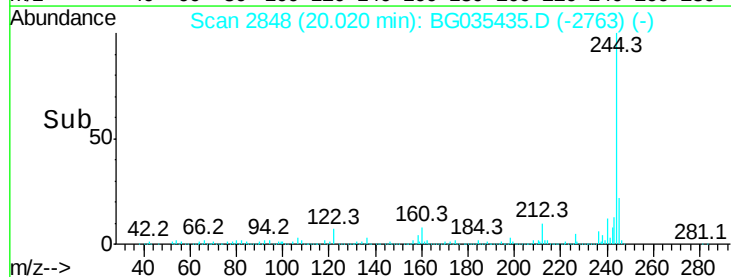
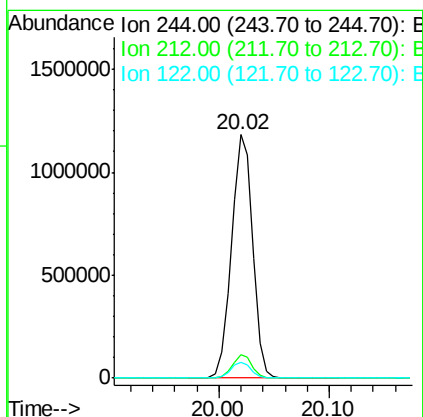
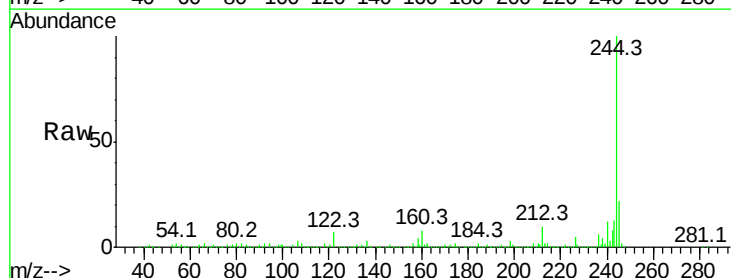
Instrument :
 BNA_G
 ClientSampleId :

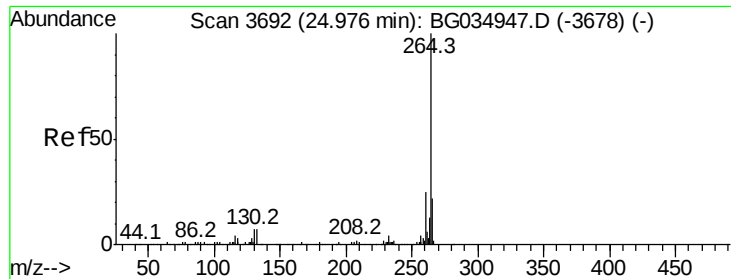
Tot Ion:240 Resp: 385062
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.8 10.2#
 236 26.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 86.364 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.03 min
 Lab File: BG035435.D
 Acq: 27 Jun 2018 7:53

Tgt Ion:244 Resp: 1587622
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 6.6 7.0 10.4#

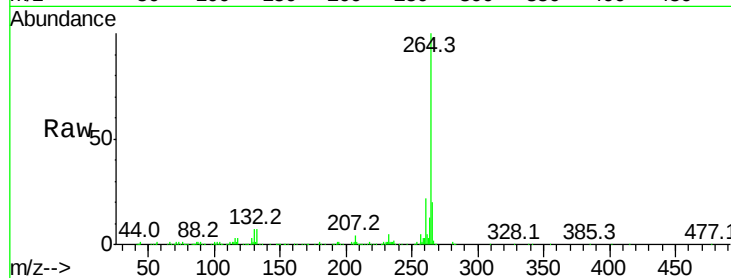




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035435.D
 Acq: 27 Jun 2018 7:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	20.5	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

