

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040315.D
 Acq On : 3 Apr 2019 3:24
 Operator : JU/SJ
 Sample : K2182-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 04:47:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

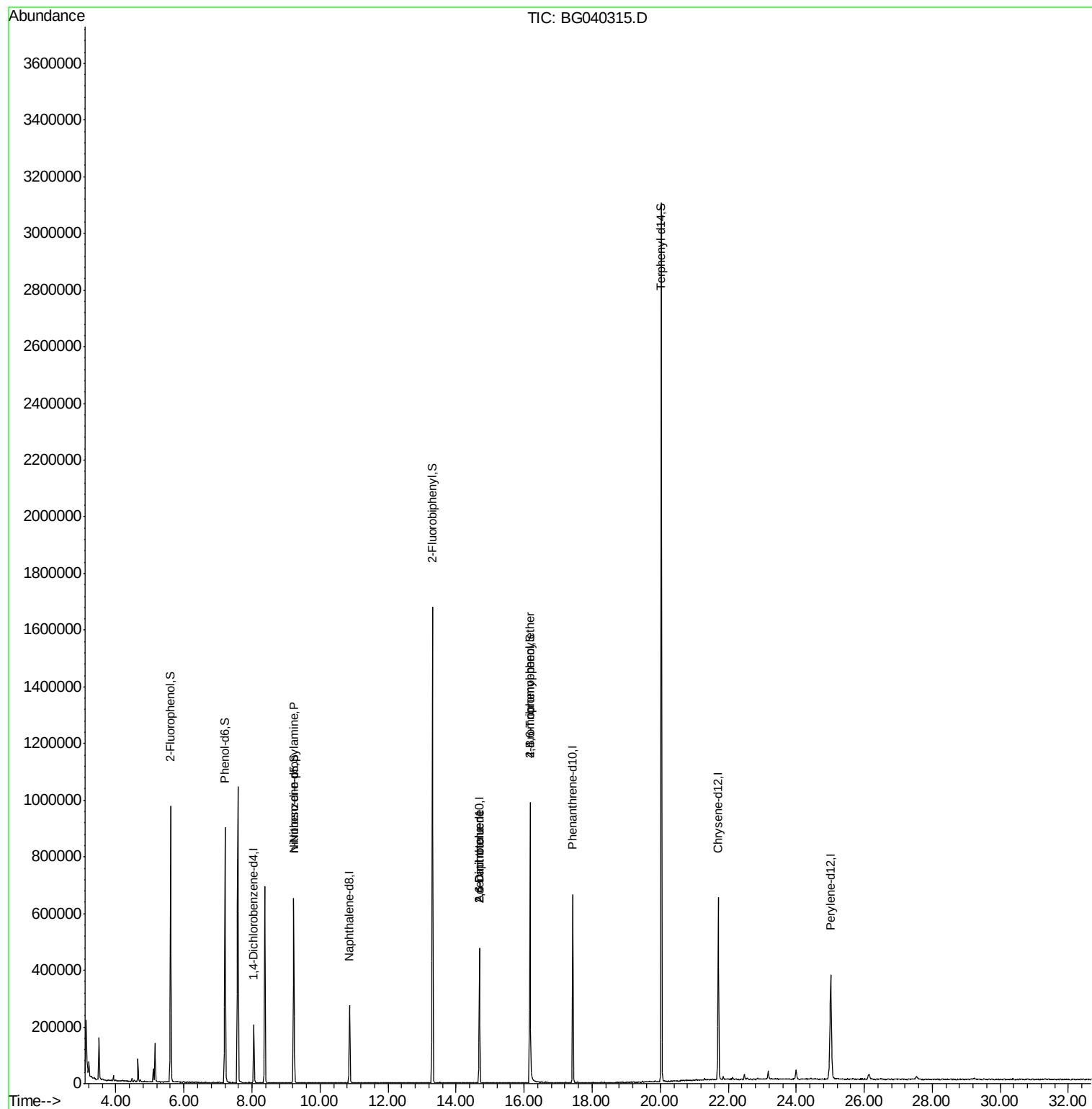
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58056	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	231585	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	161597	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	414407	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	409020	20.00	ng	-0.02
87) Perylene-d12	25.01	264	415845	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	419308	120.07	ng	-0.01
7) Phenol-d6	7.21	99	544077	112.73	ng	-0.02
23) Nitrobenzene-d5	9.23	82	388229	89.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	186878	107.00	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	893746	81.95	ng	-0.02
79) Terphenyl-d14	20.03	244	1562231	85.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	48631	14.054	ng	# 76
51) 2,6-Dinitrotoluene	14.68	165	20936	7.372	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	20936	5.306	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	13890	2.978	ng	# 1

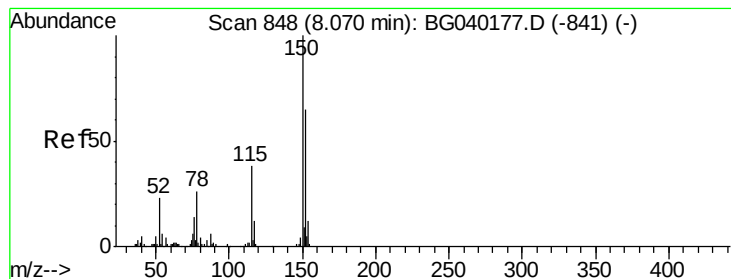
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Apr 03 04:47:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



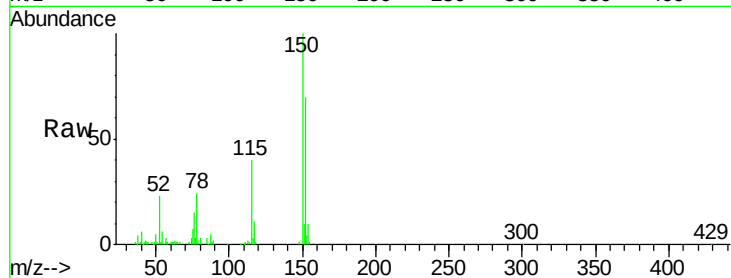


#1

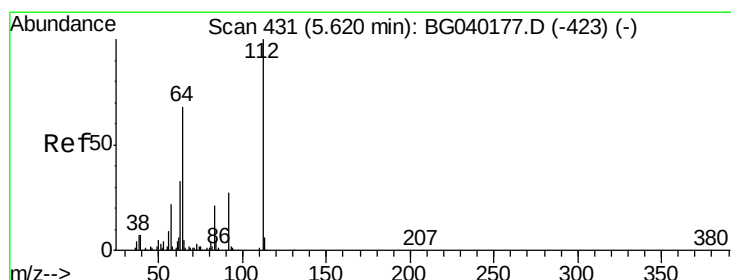
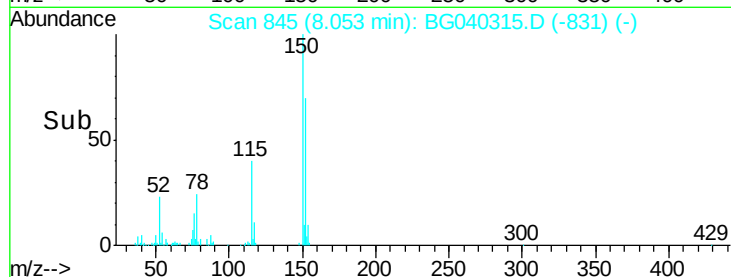
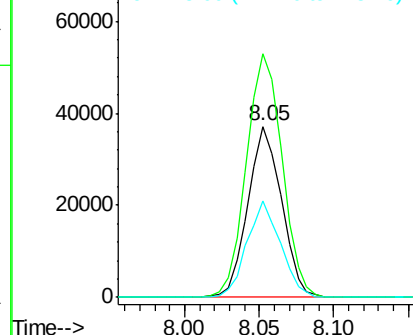
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	123.7	185.5
115	56.6	46.9	70.3



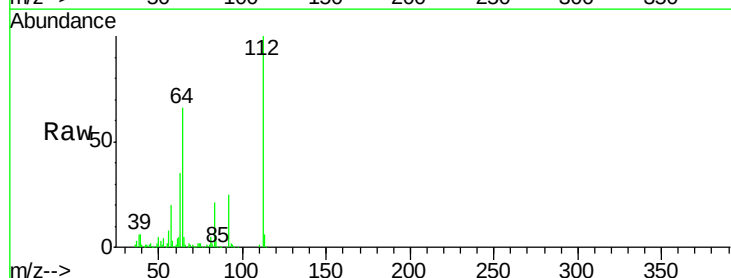
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



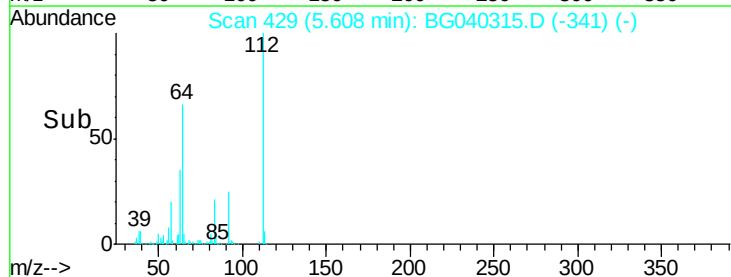
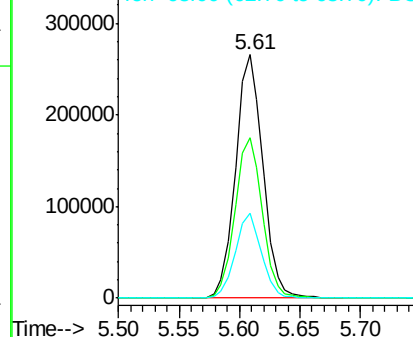
#5

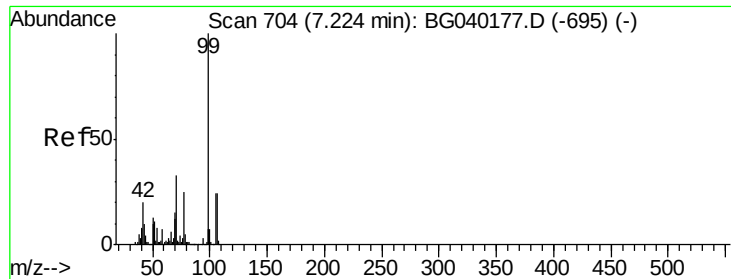
2-Fluorophenol
Concen: 120.067 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	54.2	81.2
63	35.1	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.730 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Instrument :

BNA_G

ClientSampleId :

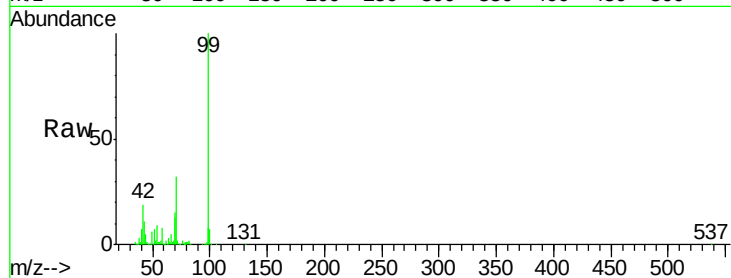
Tot Ion: 99 Resp: 544077

Ion Ratio Lower Upper

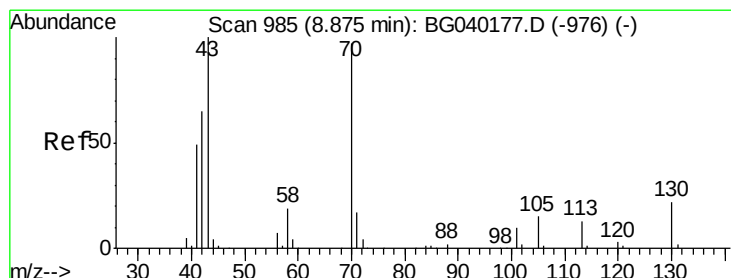
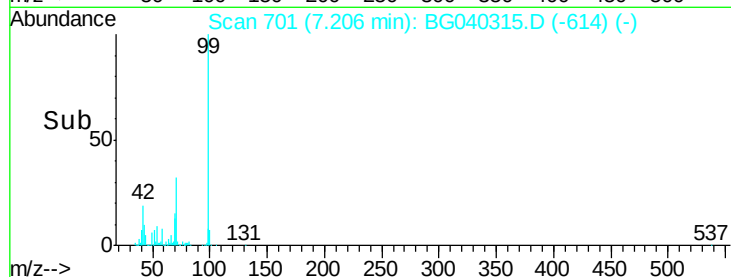
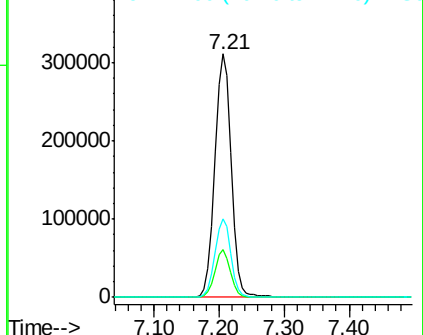
99 100

42 19.5 16.2 24.2

71 32.2 26.8 40.2



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: 14.054 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Tgt Ion: 70 Resp: 48631

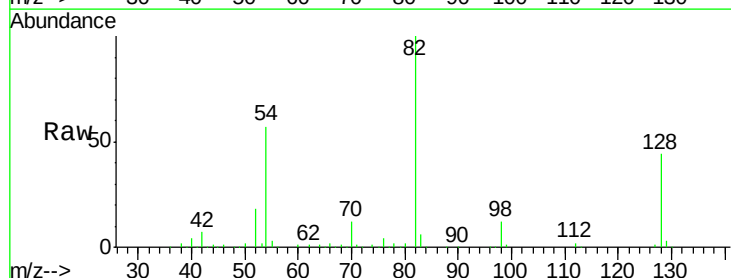
Ion Ratio Lower Upper

70 100

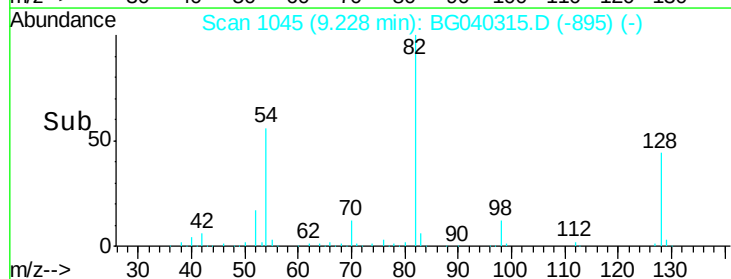
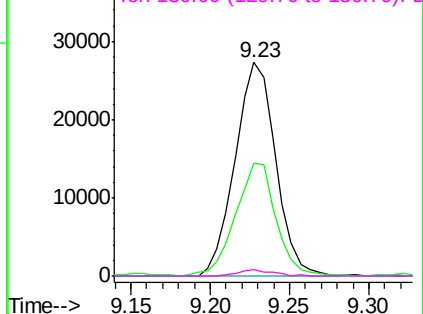
42 52.8 54.0 81.0#

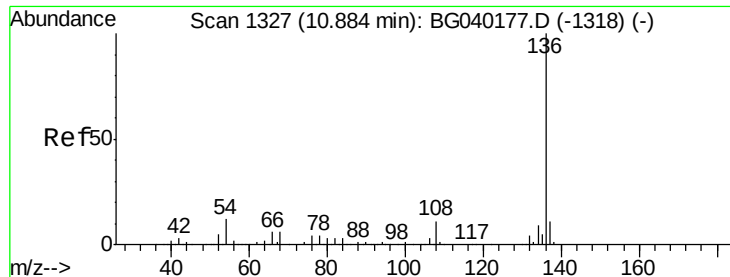
101 0.0 8.6 13.0#

130 3.2 18.2 27.2#



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

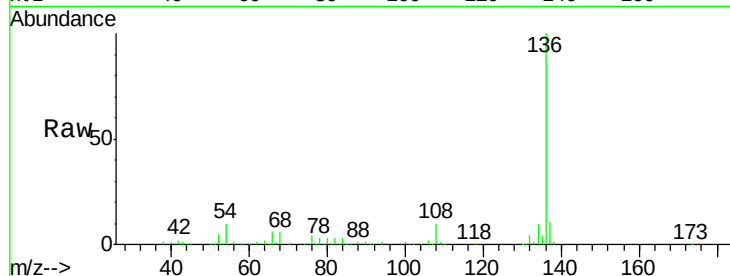




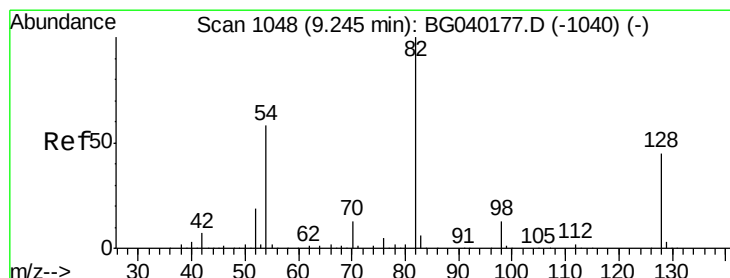
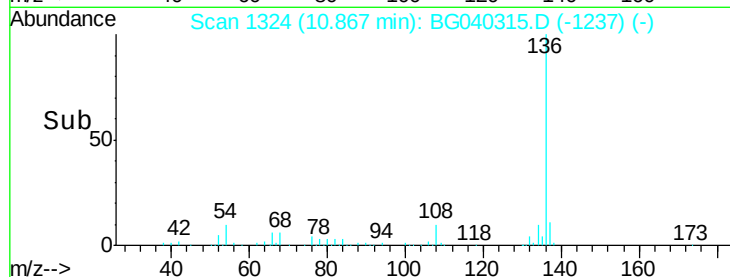
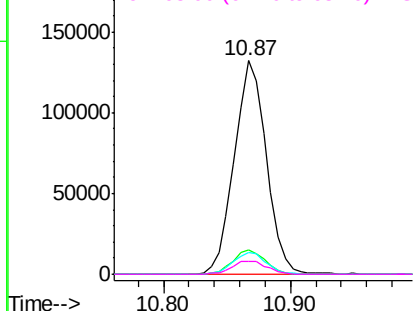
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	231585
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.9 13.3
54	10.0	9.6 14.4
68	5.8	5.1 7.7

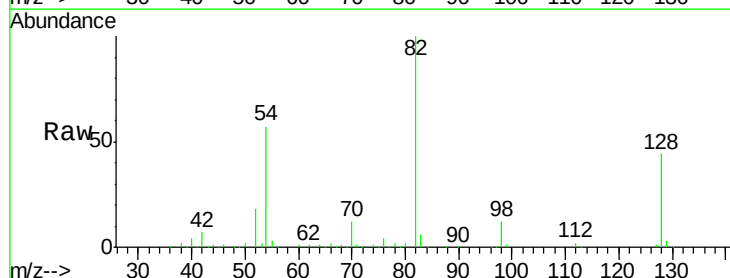


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

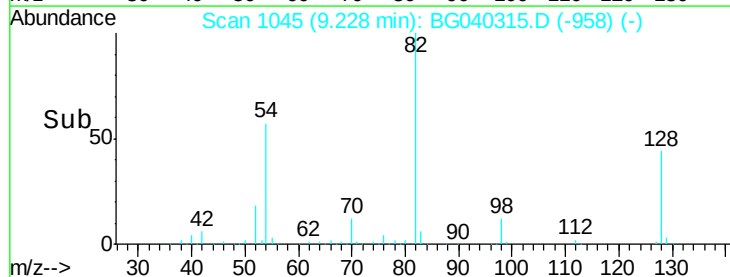
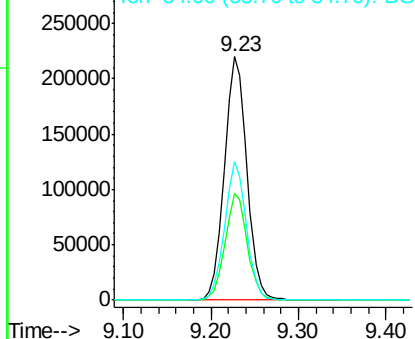


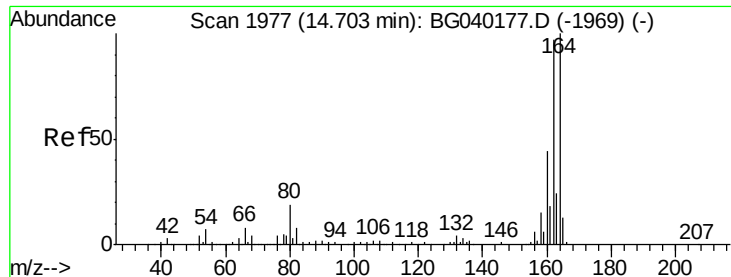
#23
Nitrobenzene-d5
Concen: 89.106 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

Tgt Ion: 82	Resp:	388229
Ion Ratio	Lower	Upper
82	100	
128	43.7	35.8 53.8
54	56.7	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040315.D

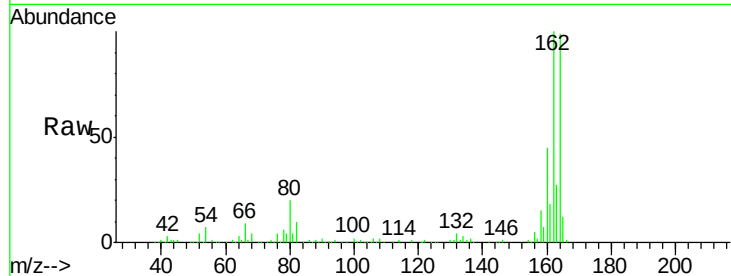
Acq: 3 Apr 2019 3:24

Instrument :

BNA_G

ClientSampleId :

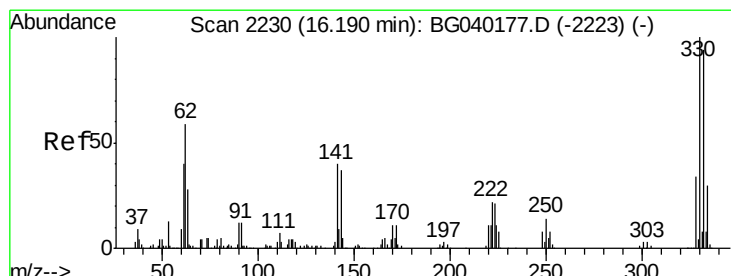
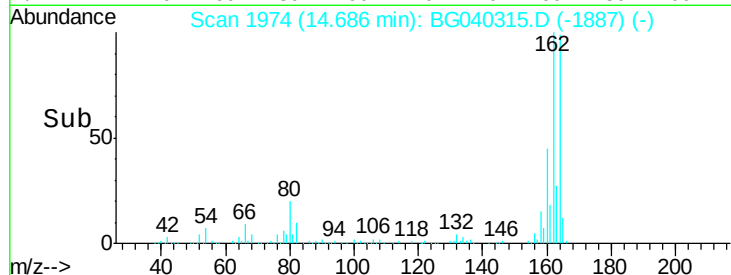
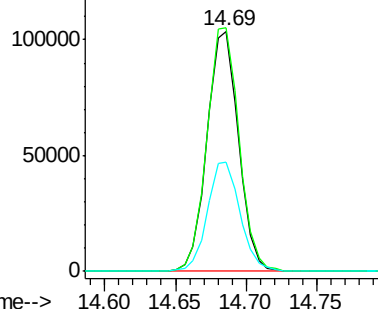
Tot Ion:164	Resp:	161597
Ion	Ratio	Lower Upper
164	100	
162	101.3	77.4 116.2
160	45.4	35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 107.005 ng

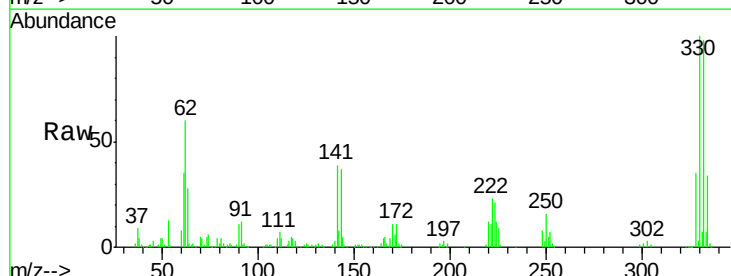
RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

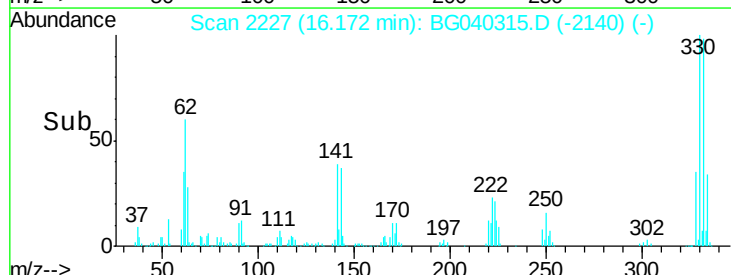
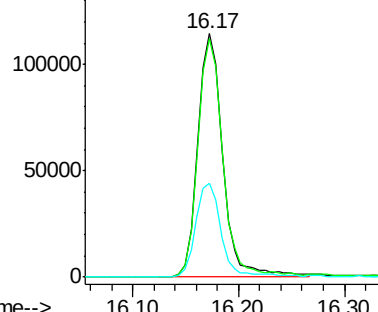
Tgt Ion:330	Resp:	186878
Ion	Ratio	Lower Upper
330	100	
332	97.8	76.6 115.0
141	39.5	32.6 48.8

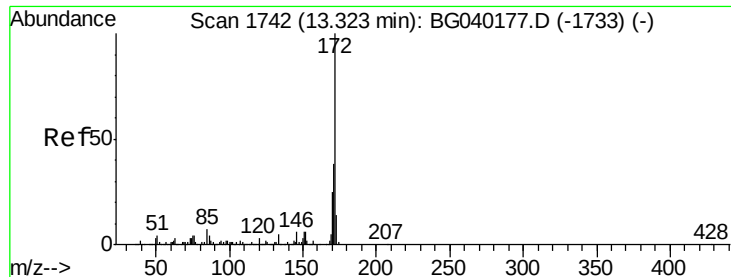


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

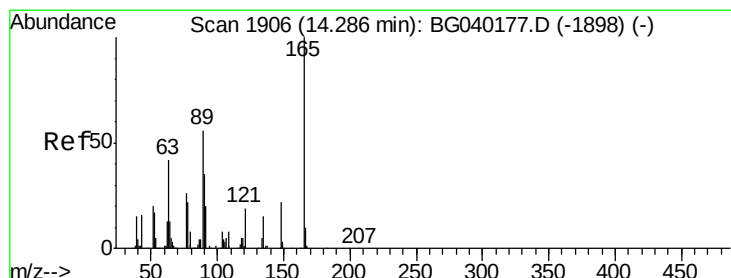
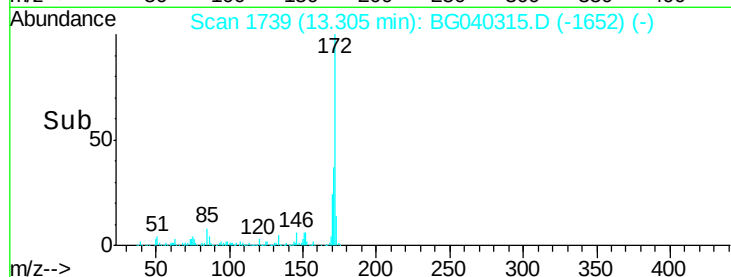
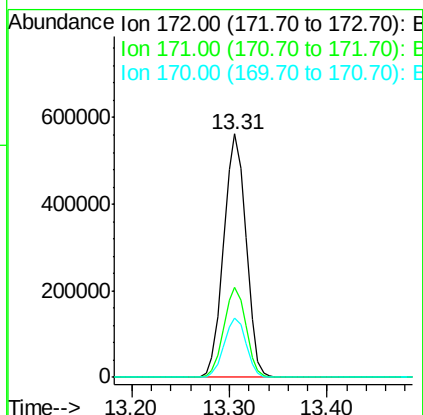
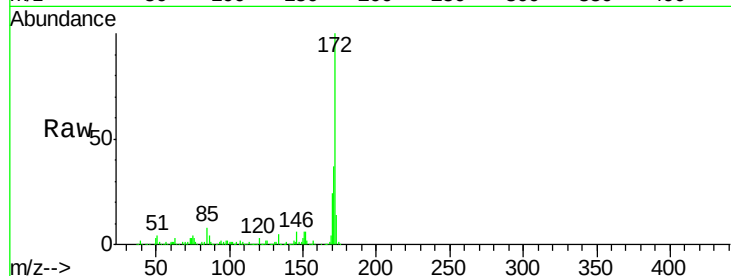




#45
2-Fluorobiphenyl
Concen: 81.952 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

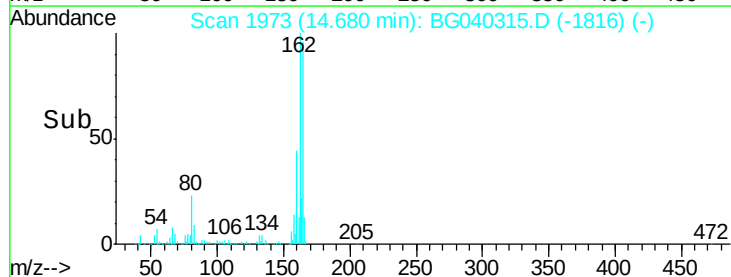
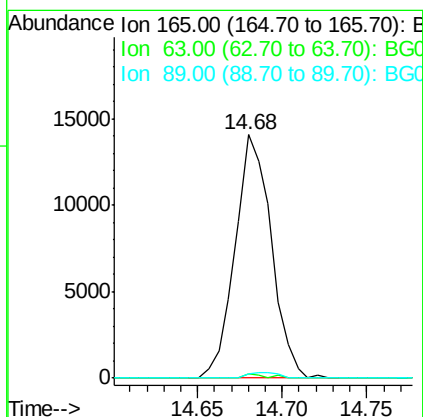
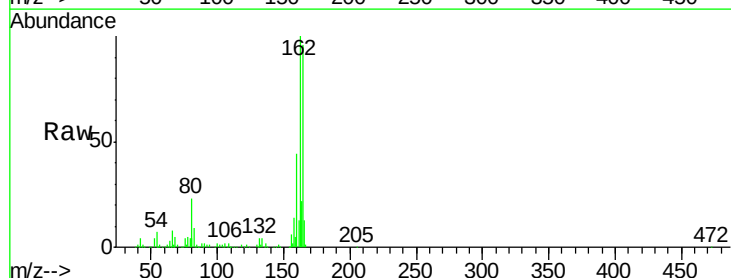
Instrument :
BNA_G
ClientSampleId :

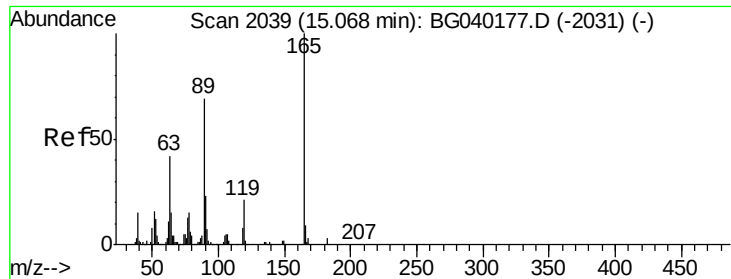
Tot Ion:172 Resp: 893746
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.4 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.372 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040315.D
Acq: 3 Apr 2019 3:24

Tgt Ion:165 Resp: 20936
Ion Ratio Lower Upper
165 100
63 1.8 44.1 66.1#
89 1.8 44.9 67.3#

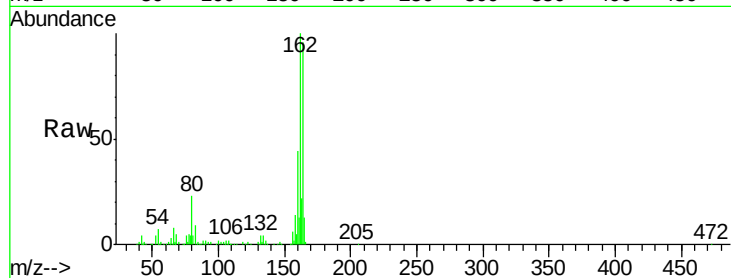




#57
 2,4-Dinitrotoluene
 Concen: 5.306 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.6#
89	1.8	55.4	83.2#
182	0.0	2.2	3.4#

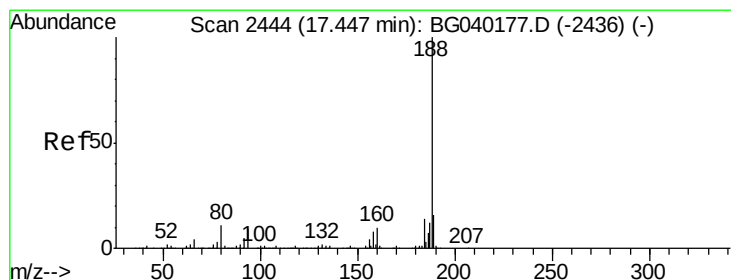
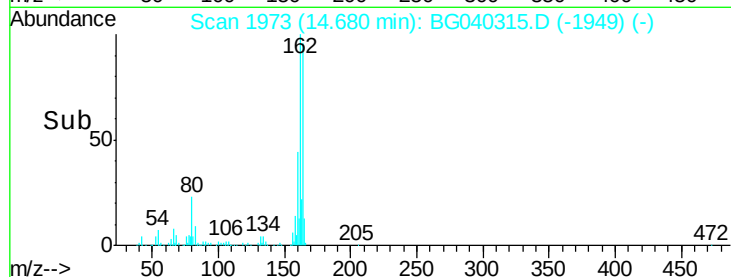
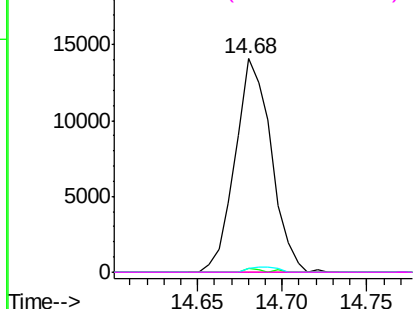


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

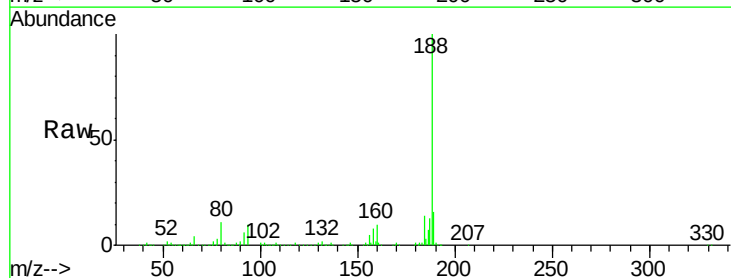
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

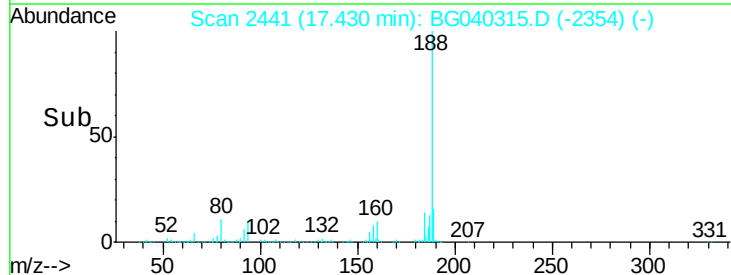
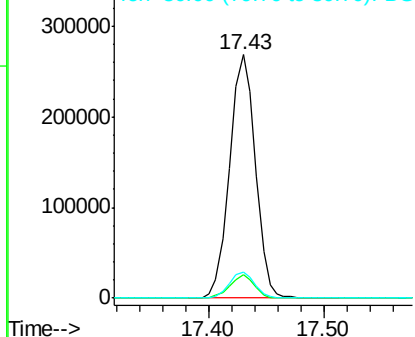
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	10.7	8.6	13.0

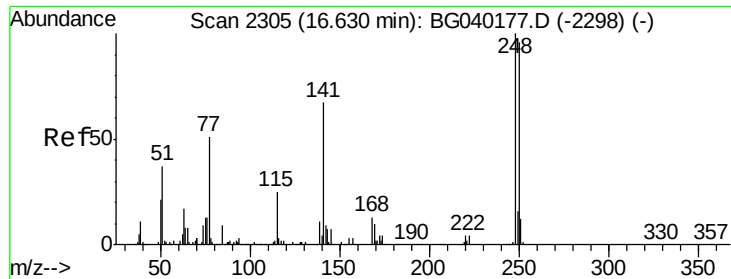


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

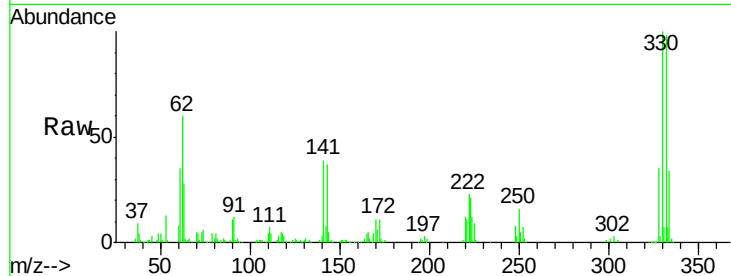




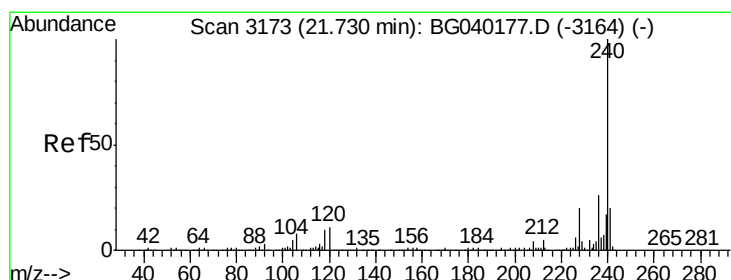
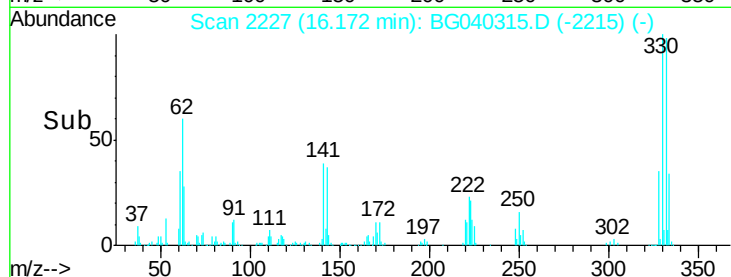
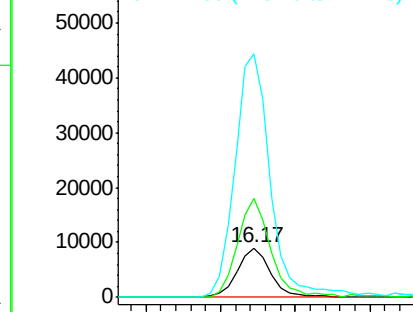
#67
 4-Bromophenyl-phenylether
 Concen: 2.978 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13890
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.4 114.6#
 141 493.3 53.8 80.8#

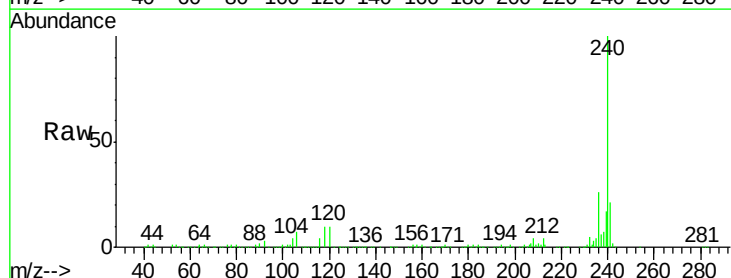


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

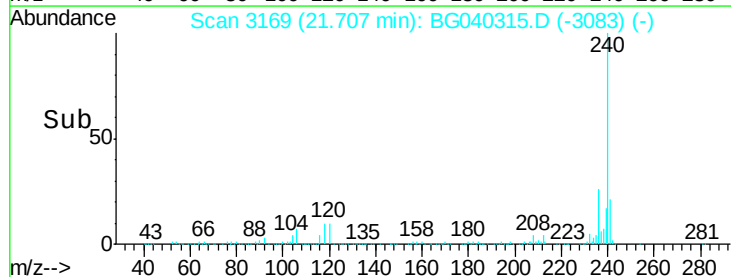
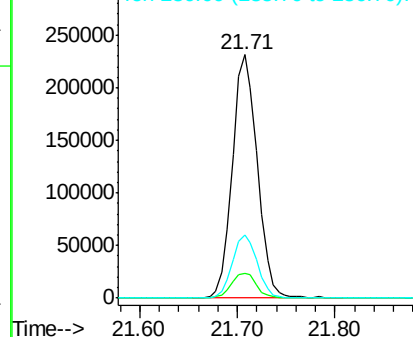


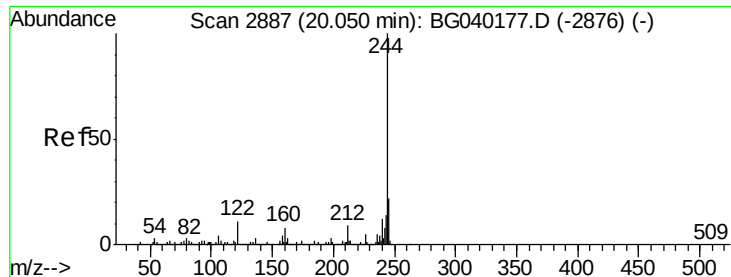
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040315.D
 Acq: 3 Apr 2019 3:24

Tgt Ion:240 Resp: 409020
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 25.7 20.8 31.2



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





#79

Terphenyl-d14

Concen: 85.924 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

Instrument :

BNA_G

ClientSampled :

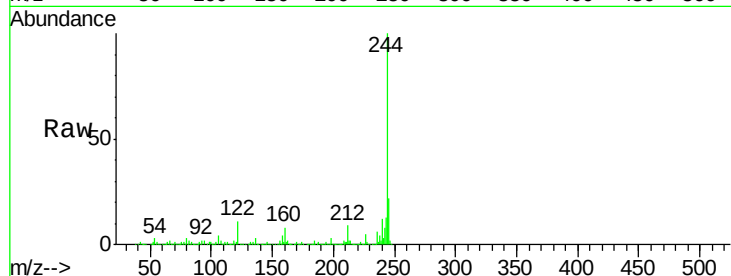
Tot Ion:244 Resp: 1562231

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

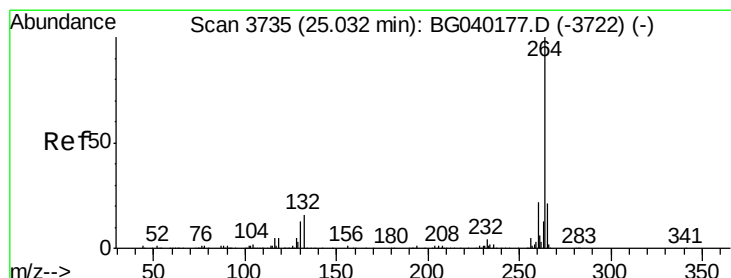
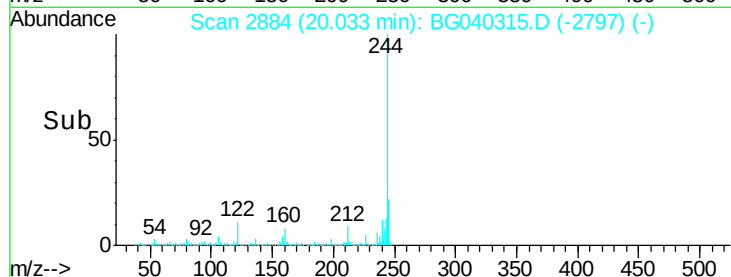
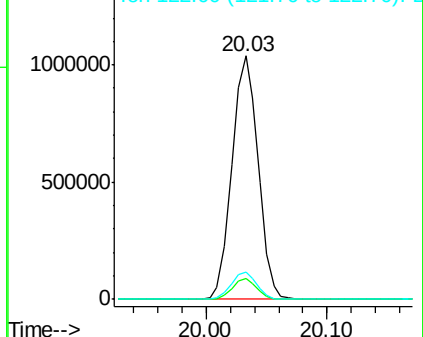
122 11.0 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040315.D

Acq: 3 Apr 2019 3:24

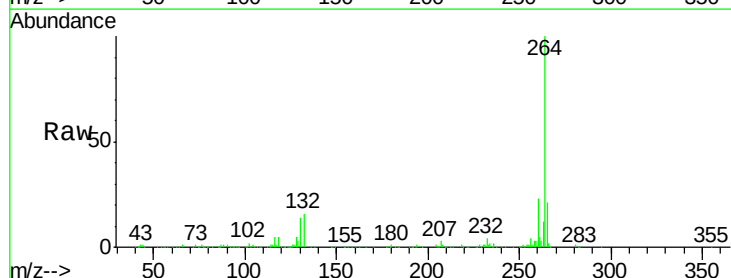
Tgt Ion:264 Resp: 415845

Ion Ratio Lower Upper

264 100

260 22.8 17.9 26.9

265 20.6 16.8 25.2



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

