

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040432.D
 Acq On : 11 Apr 2019 3:45
 Operator : JU/SJ
 Sample : K2311-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 07:02:53 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

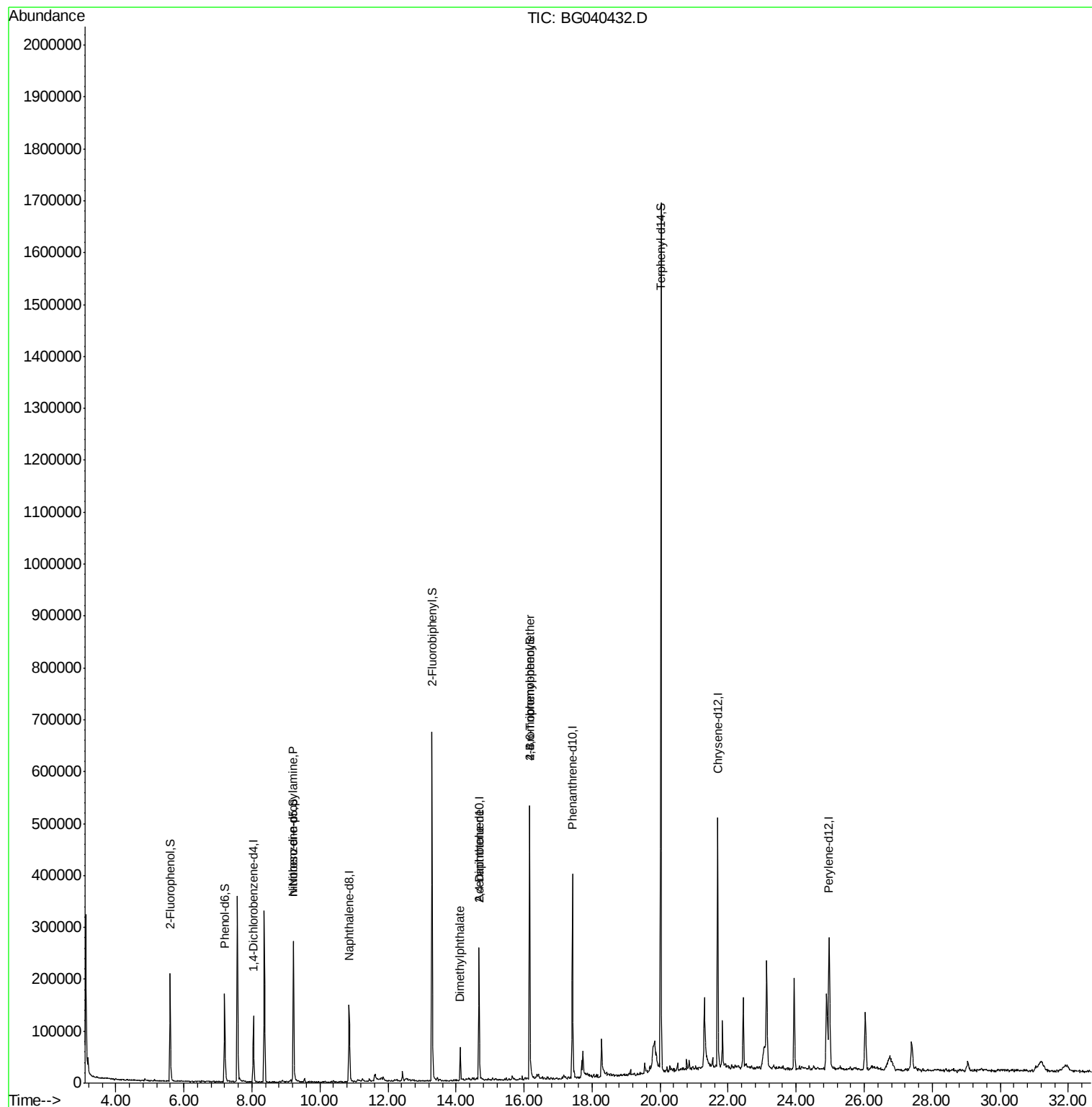
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	35599	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	143190	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	89846	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	247309	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	293460	20.00	ng	-0.04
87) Perylene-d12	24.97	264	295736	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	94473	44.12	ng	-0.02
7) Phenol-d6	7.20	99	110451	37.32	ng	-0.03
23) Nitrobenzene-d5	9.22	82	175449	65.13	ng	-0.02
42) 2,4,6-Tribromophenol	16.16	330	102805	105.88	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	390222	64.36	ng	-0.03
79) Terphenyl-d14	20.02	244	821335	62.96	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	22884	10.785	ng	# 77
50) Dimethylphthalate	14.12	163	46719	6.644	ng	96
57) 2,4-Dinitrotoluene	14.68	165	10955	4.993	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	7901	2.839	ng	# 1

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

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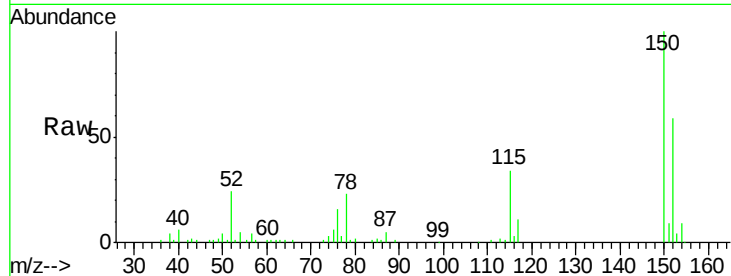


#1

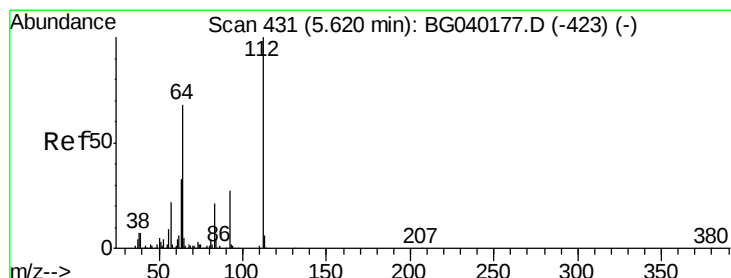
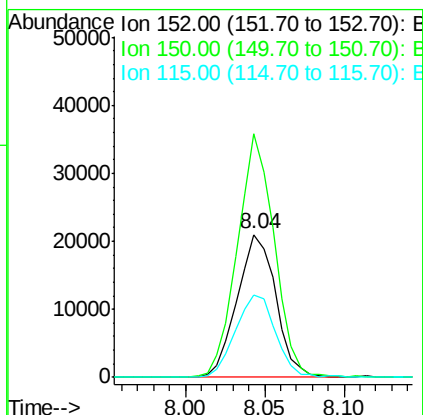
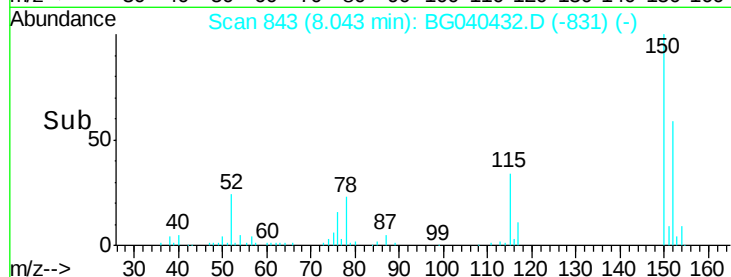
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.8	123.7	185.5
115	57.7	46.9	70.3



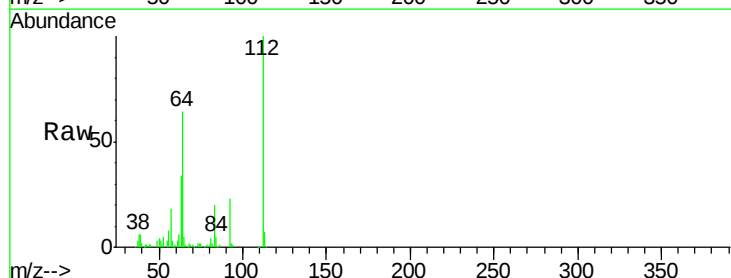
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



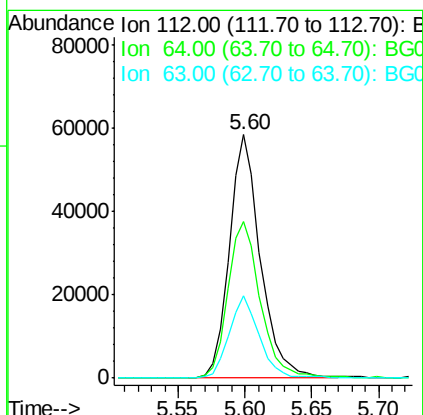
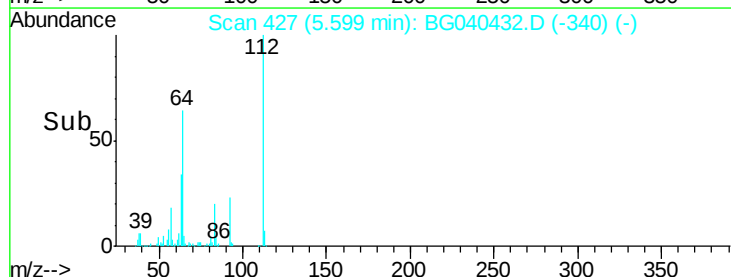
#5

2-Fluorophenol
Concen: 44.117 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	54.2	81.2
63	34.0	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: 37.321 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040432.D

Acq: 11 Apr 2019 3:45

Instrument :

BNA_G

ClientSampleId :

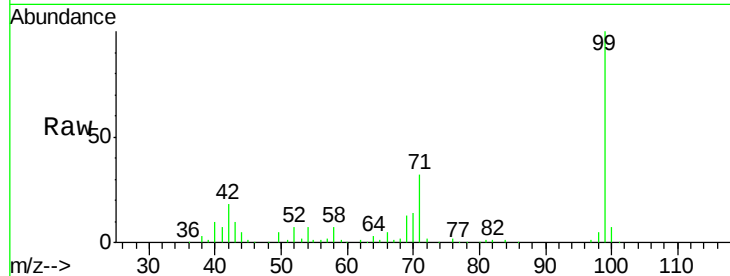
Tot Ion: 99 Resp: 110451

Ion Ratio Lower Upper

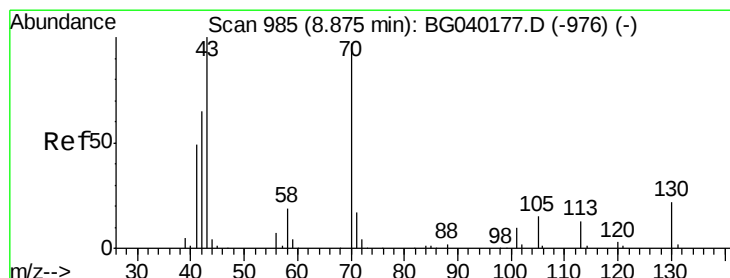
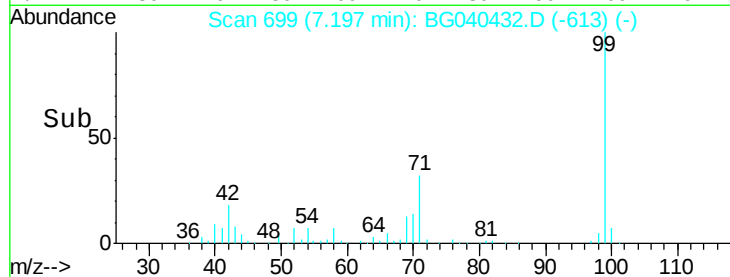
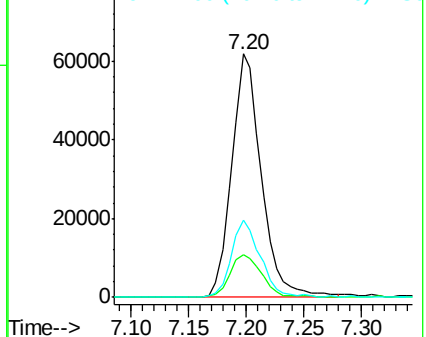
99 100

42 17.7 16.2 24.2

71 31.5 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: 10.785 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040432.D

Acq: 11 Apr 2019 3:45

Tgt Ion: 70 Resp: 22884

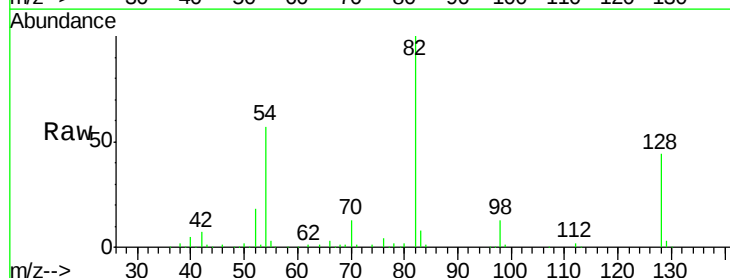
Ion Ratio Lower Upper

70 100

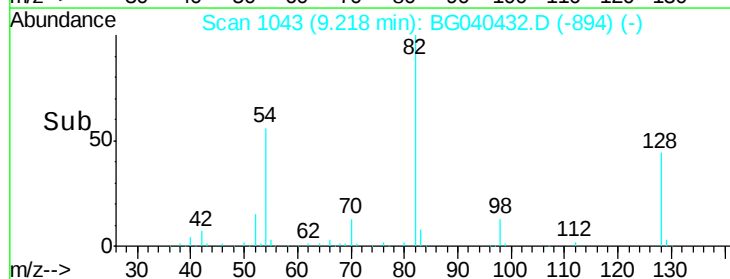
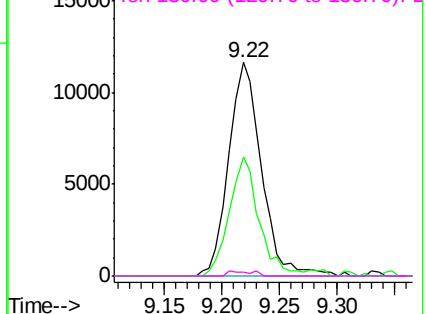
42 55.5 54.0 81.0

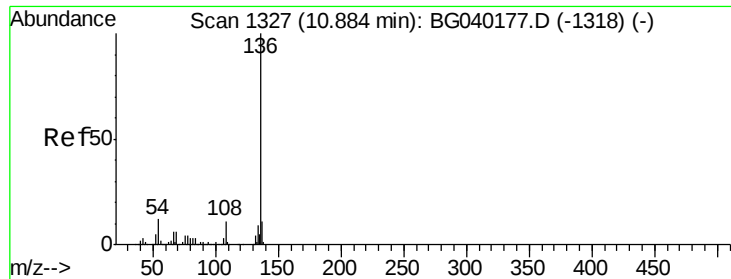
101 0.0 8.6 13.0#

130 1.7 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

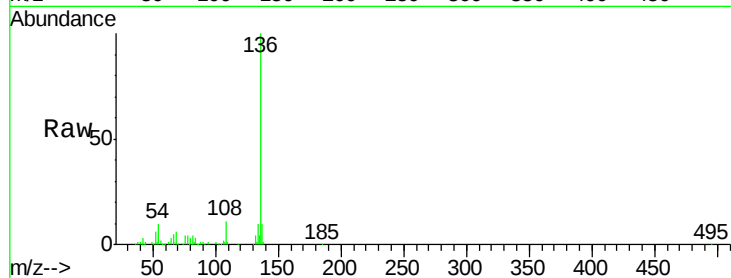




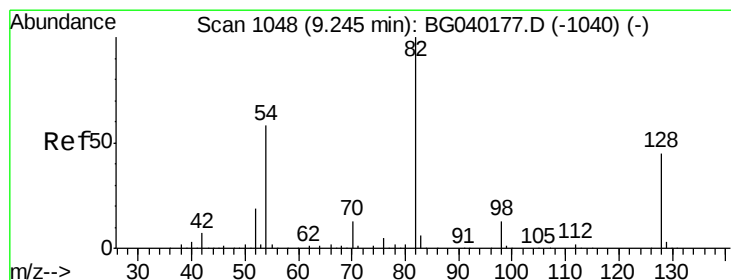
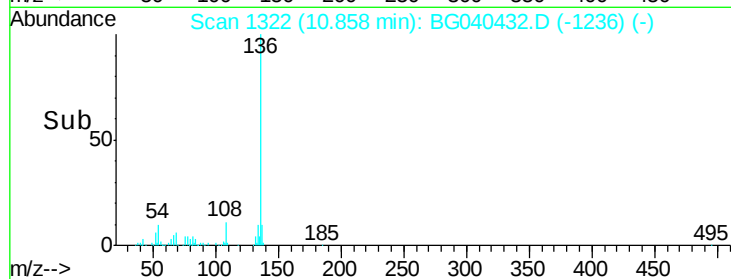
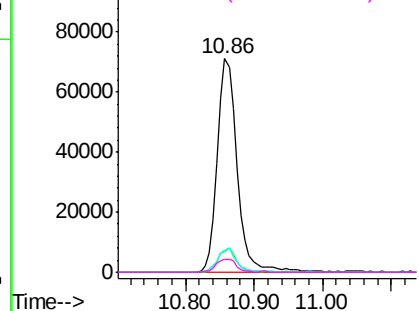
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	143190
Ion Ratio	Lower	Upper
136 100		
137 9.9	8.9	13.3
54 10.3	9.6	14.4
68 5.8	5.1	7.7

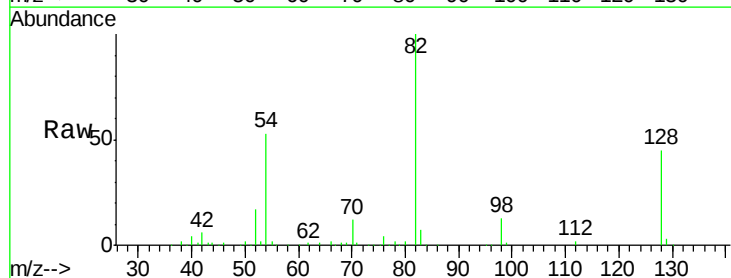


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

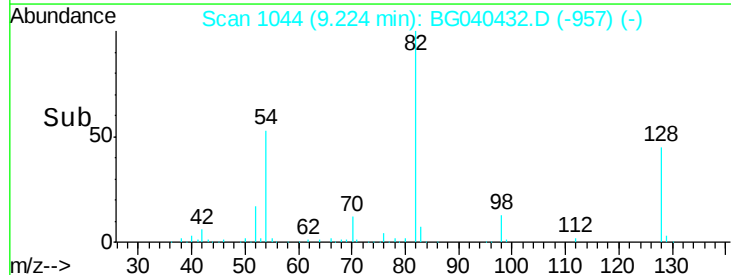
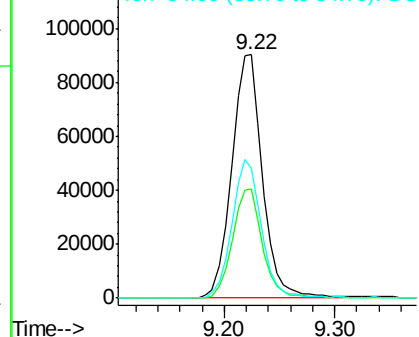


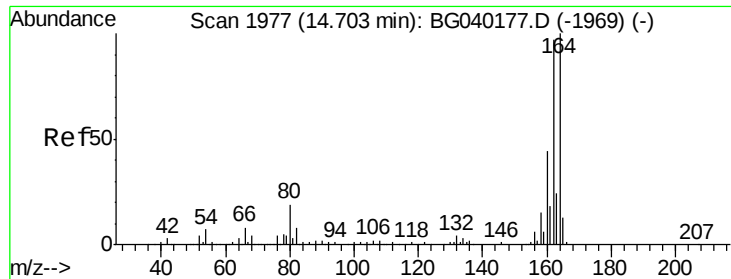
#23
Nitrobenzene-d5
Concen: 65.128 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Tgt	Ion: 82	Resp:	175449
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.8	53.8
54	53.3	46.2	69.2



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

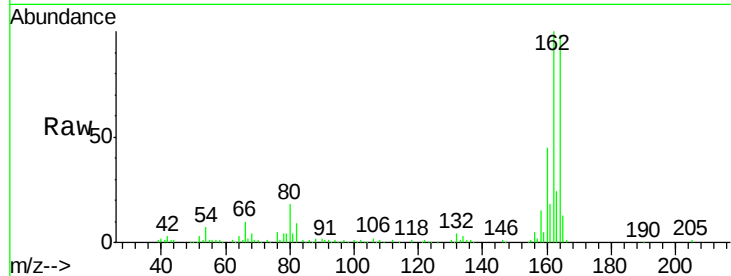




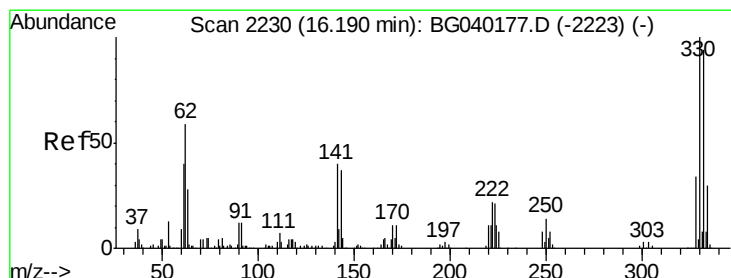
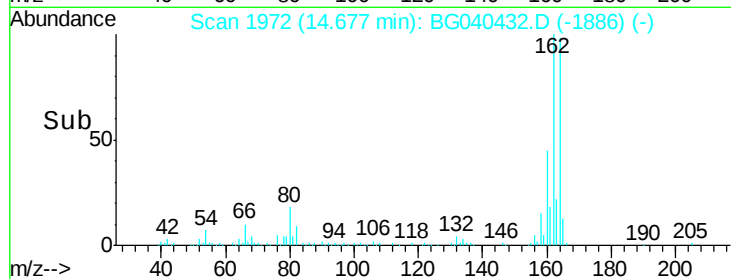
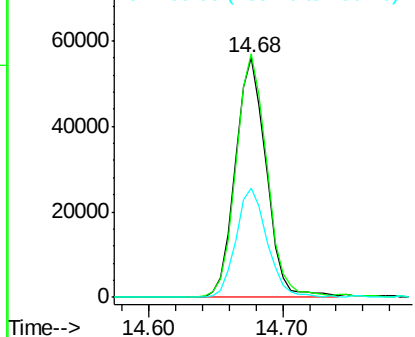
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 89846
Ion Ratio Lower Upper
164 100
162 101.7 77.4 116.2
160 45.5 35.3 52.9

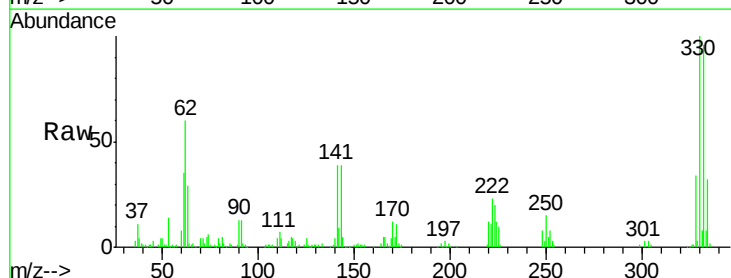


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

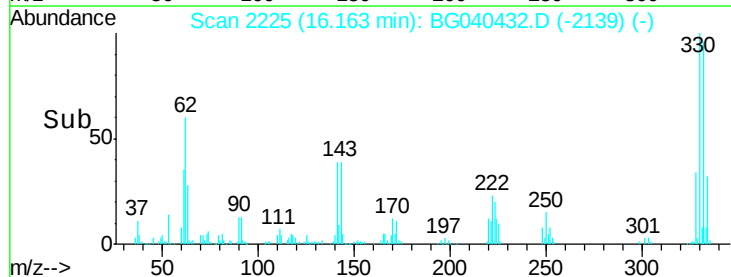
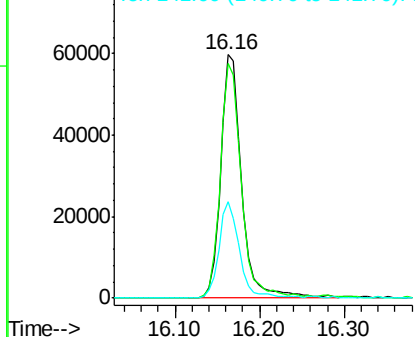


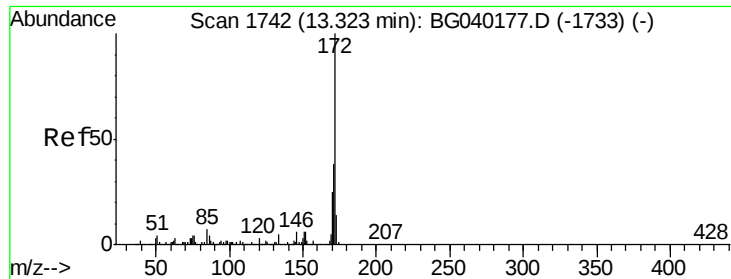
#42
2,4,6-Tribromophenol
Concen: 105.875 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Tgt Ion:330 Resp: 102805
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 38.4 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

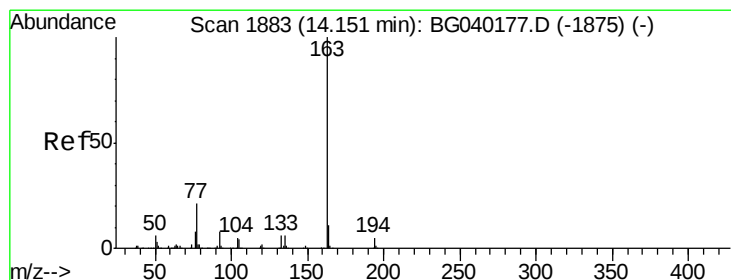
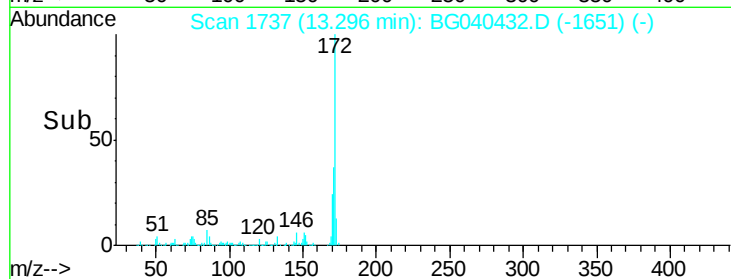
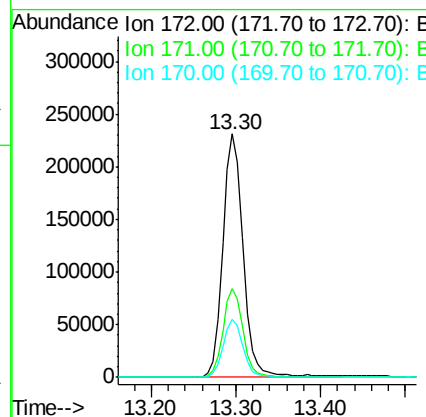
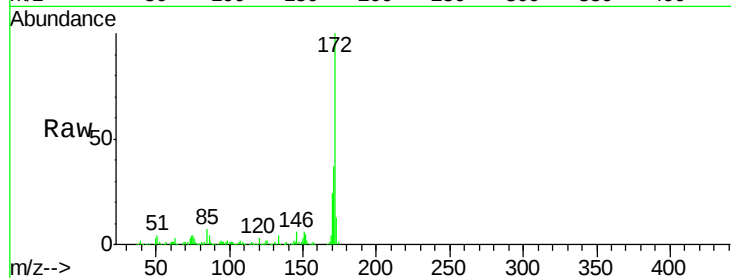




#45
2-Fluorobiphenyl
Concen: 64.356 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

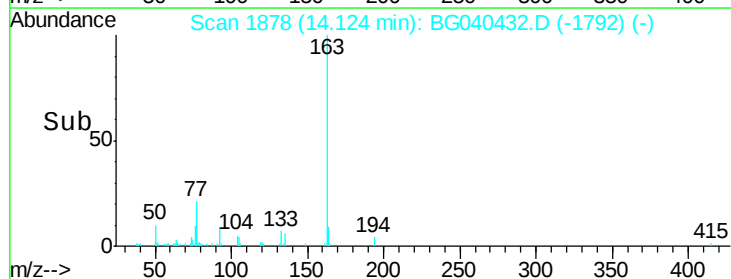
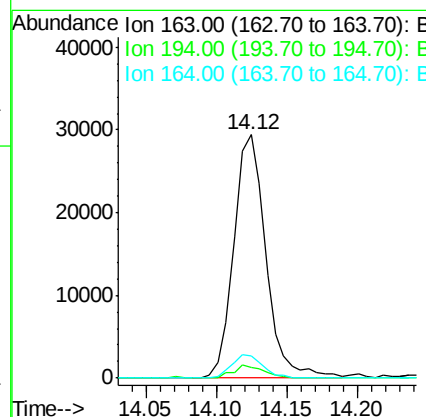
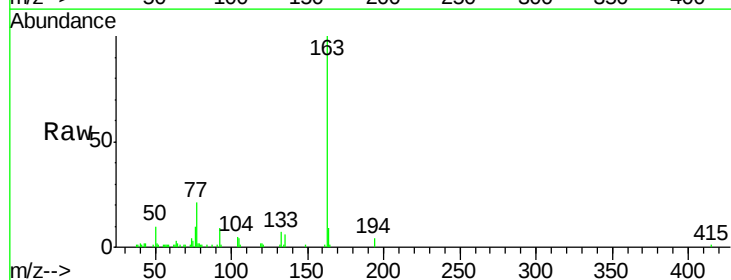
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 390222
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.8 20.1 30.1



#50
Dimethylphthalate
Concen: 6.644 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040432.D
Acq: 11 Apr 2019 3:45

Tgt Ion:163 Resp: 46719
Ion Ratio Lower Upper
163 100
194 4.3 4.1 6.1
164 9.1 8.6 13.0

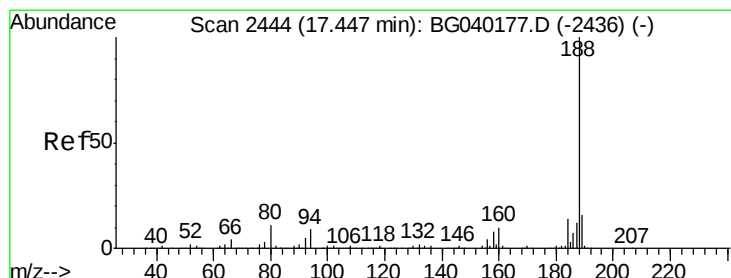
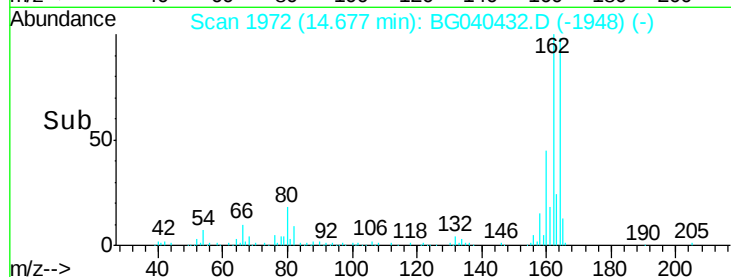
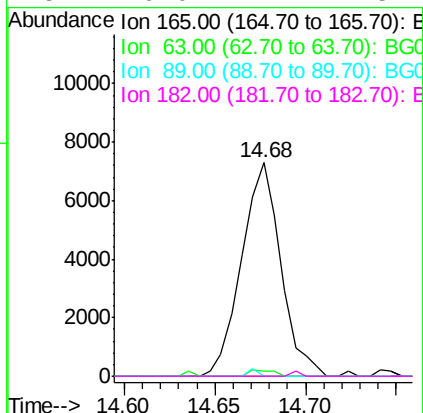
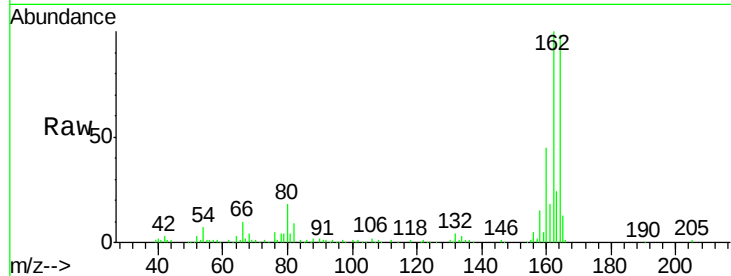




#57
 2,4-Dinitrotoluene
 Concen: 4.993 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040432.D
 Acq: 11 Apr 2019 3:45

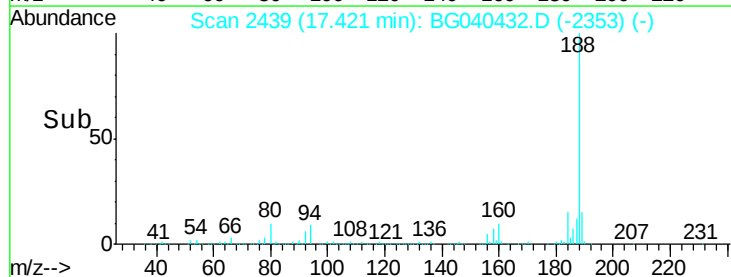
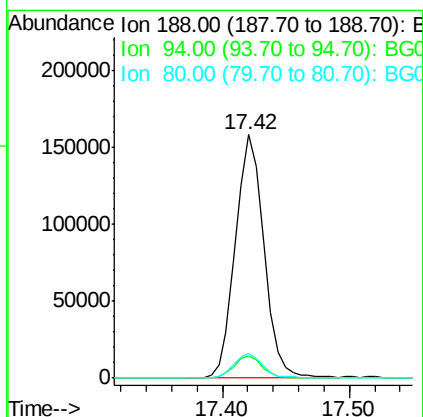
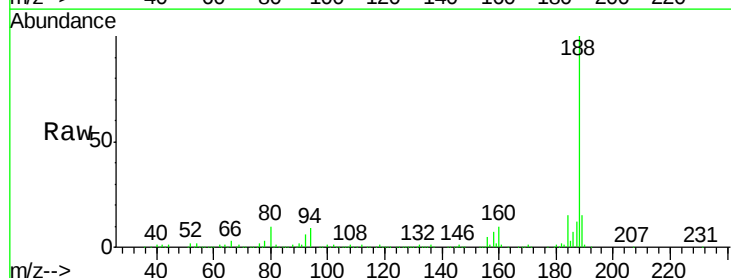
Instrument :
 BNA_G
 ClientSampled :

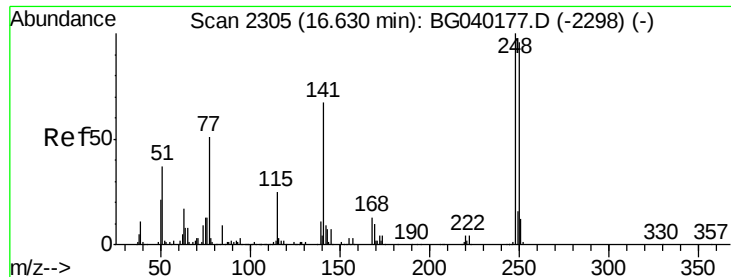
Tot Ion:165	Resp:	10955
Ion Ratio	Lower	Upper
165	100	
63	2.6	33.8 50.6#
89	0.0	55.4 83.2#
182	0.0	2.2 3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040432.D
 Acq: 11 Apr 2019 3:45

Tgt Ion:188	Resp:	247309
Ion Ratio	Lower	Upper
188	100	
94	9.1	7.0 10.4
80	10.1	8.6 13.0

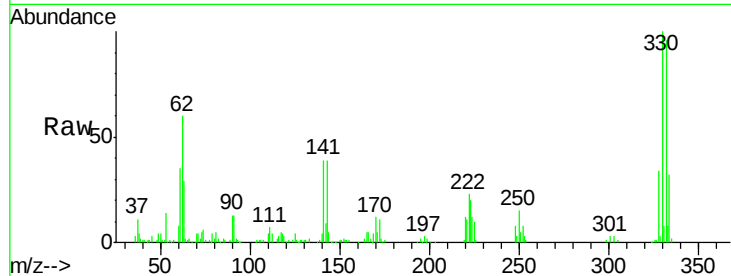




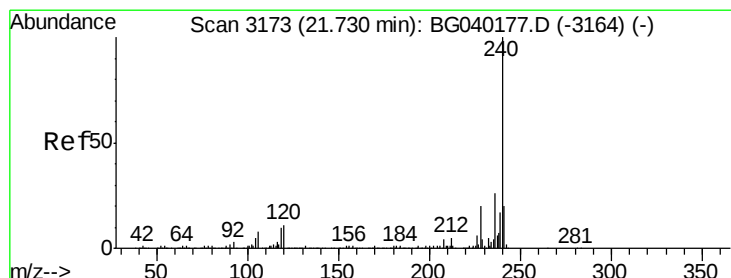
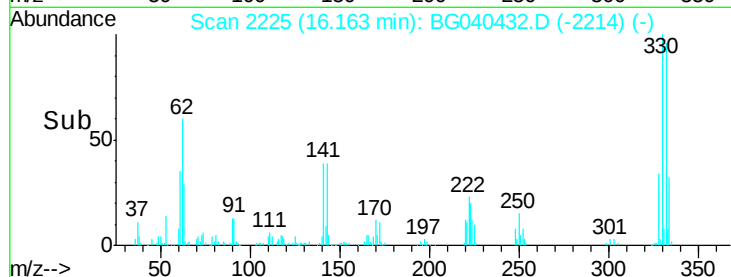
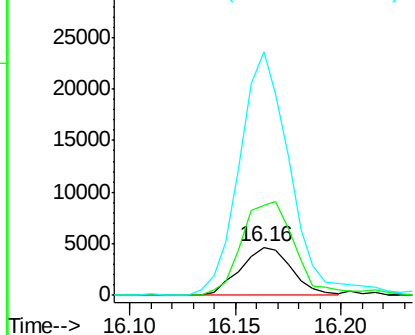
#67
 4-Bromophenyl-phenylether
 Concen: 2.839 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.47 min
 Lab File: BG040432.D
 Acq: 11 Apr 2019 3:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 7901
 Ion Ratio Lower Upper
 248 100
 250 185.8 76.4 114.6#
 141 504.2 53.8 80.8#

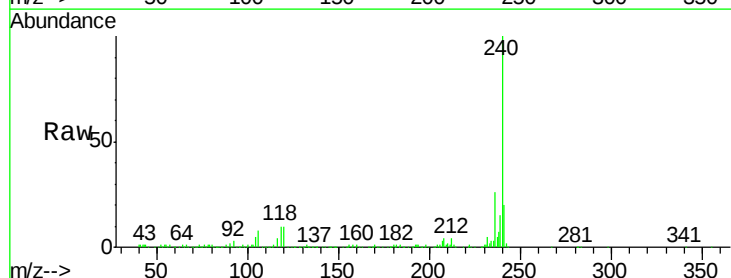


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

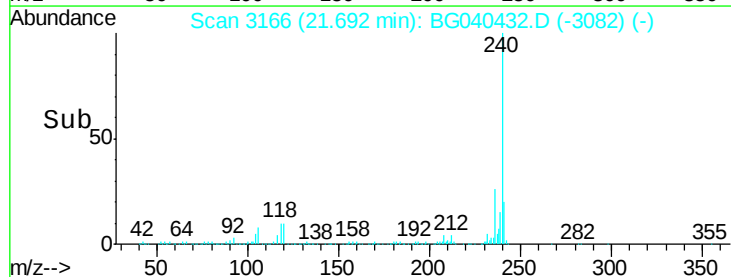
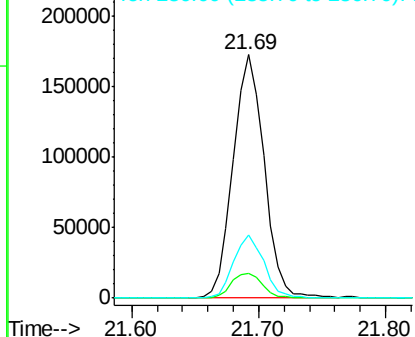


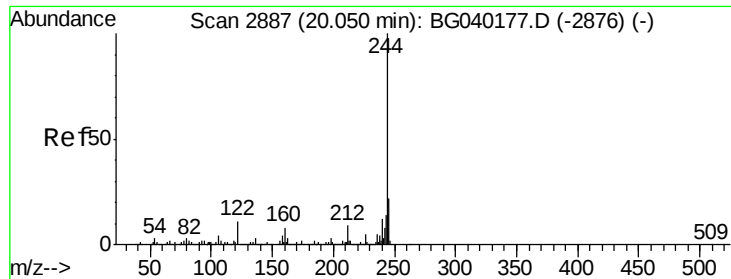
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040432.D
 Acq: 11 Apr 2019 3:45

Tgt Ion:240 Resp: 293460
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 26.1 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: 62.963 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040432.D

Acq: 11 Apr 2019 3:45

Instrument :

BNA_G

ClientSampleId :

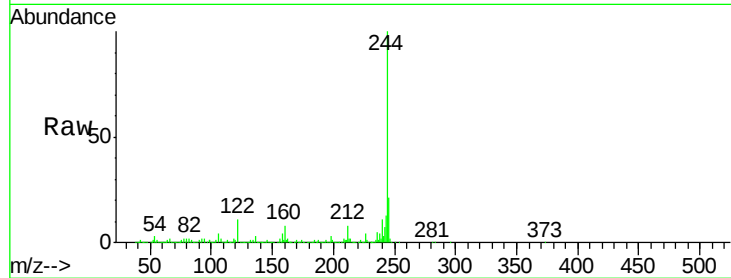
Tot Ion:244 Resp: 821335

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.6

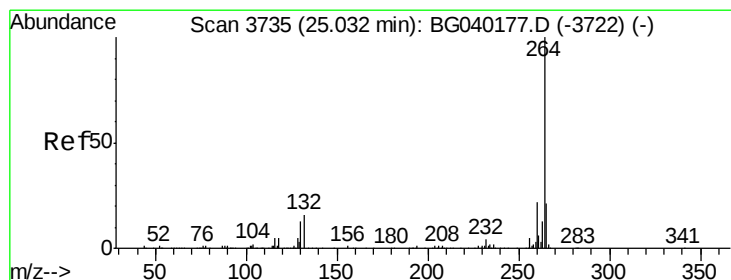
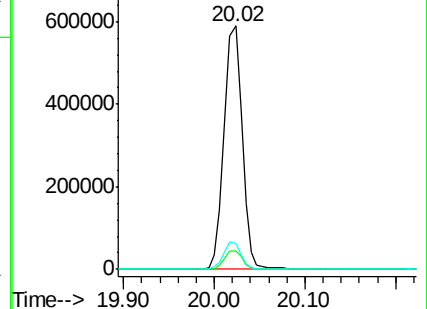
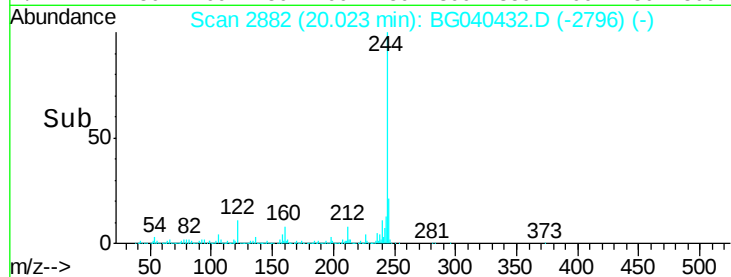
122 10.6 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040432.D

Acq: 11 Apr 2019 3:45

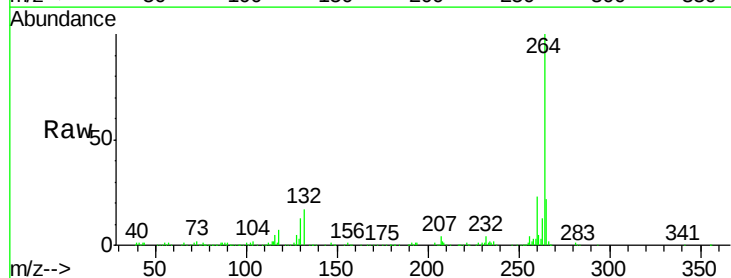
Tgt Ion:264 Resp: 295736

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 21.9 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

