

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042792.D
 Acq On : 12 Sep 2019 21:30
 Operator : HP/JU
 Sample : K4852-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 13 07:03:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

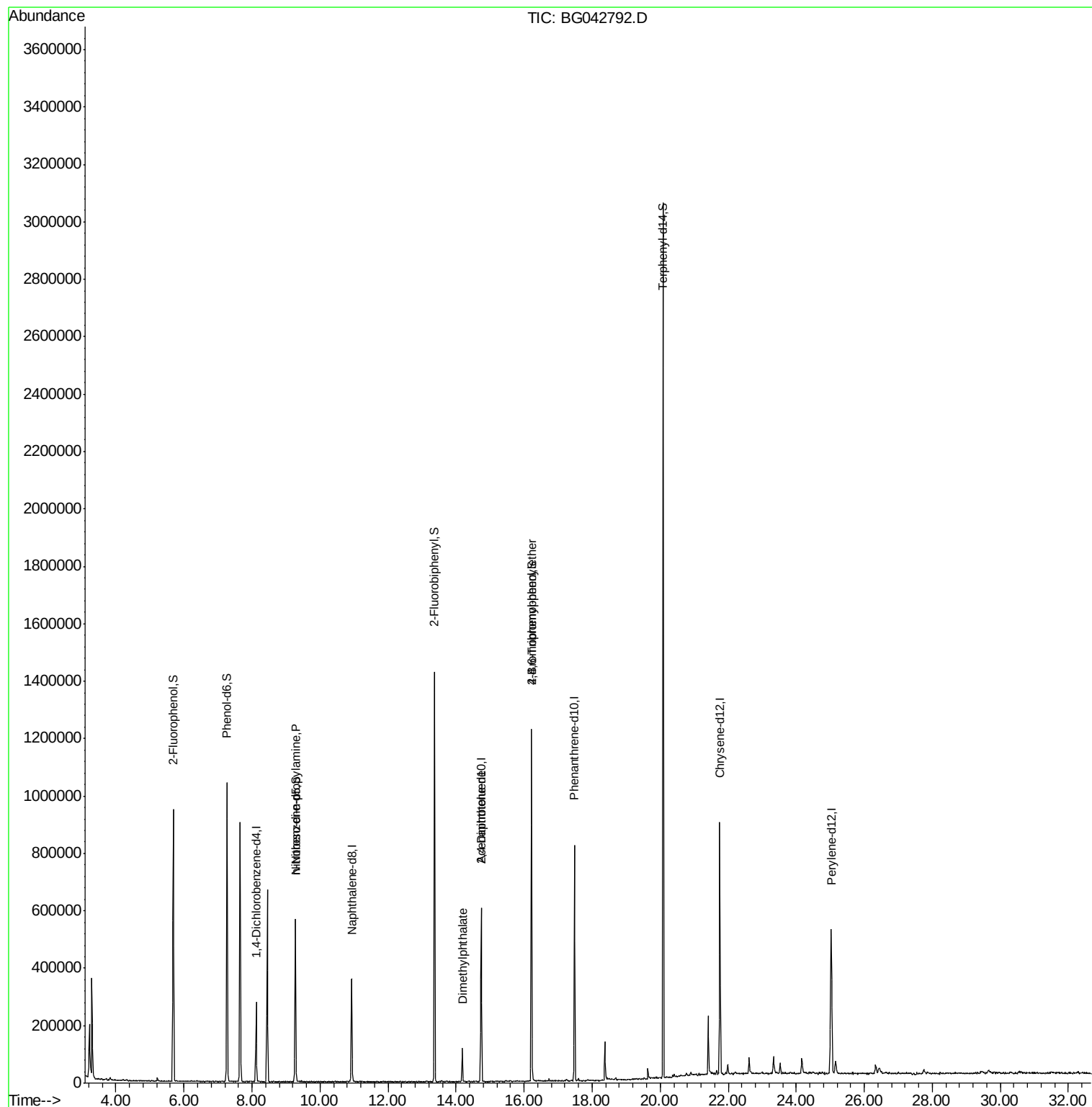
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	79257	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	302948	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	208815	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	497130	20.00	ng	0.00
76) Chrysene-d12	21.75	240	531138	20.00	ng	0.00
87) Perylene-d12	25.03	264	569560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	380653	83.50	ng	0.00
7) Phenol-d6	7.27	99	561485	85.81	ng	0.00
23) Nitrobenzene-d5	9.27	82	332119	57.08	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	239361	86.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	758153	57.47	ng	0.00
79) Terphenyl-d14	20.09	244	1376474	57.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	46512	9.647	ng	# 68
50) Dimethylphthalate	14.18	163	74229	4.745	ng	# 97
57) 2,4-Dinitrotoluene	14.74	165	27613	6.454	ng	# 23
67) 4-Bromophenyl-phenylether	16.22	248	16481	2.739	ng	# 1

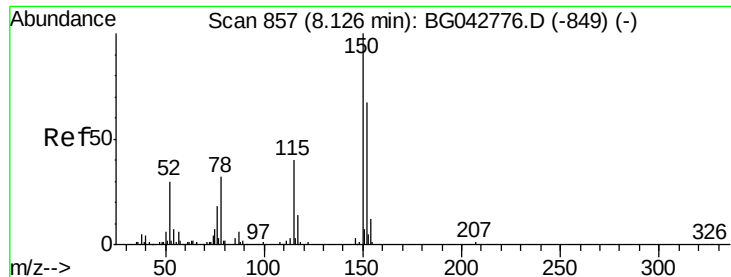
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042792.D
Acq On : 12 Sep 2019 21:30
Operator : HP/JU
Sample : K4852-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 13 06:40:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



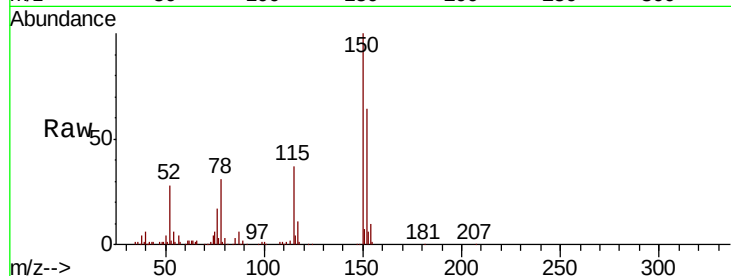


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042792.D
Acq: 12 Sep 2019 21:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	118.9	178.3
115	57.3	47.4	71.2

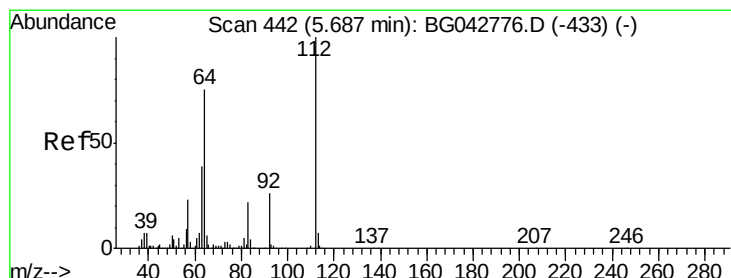
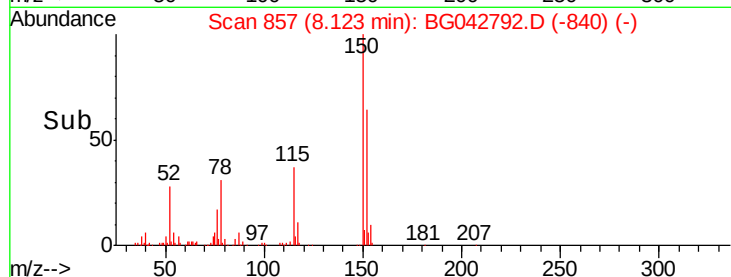
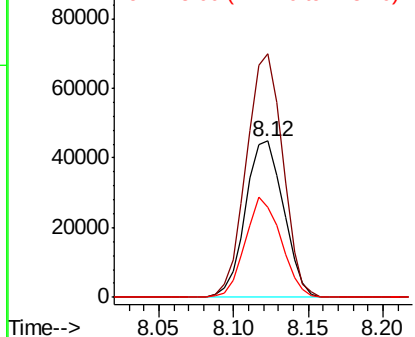


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

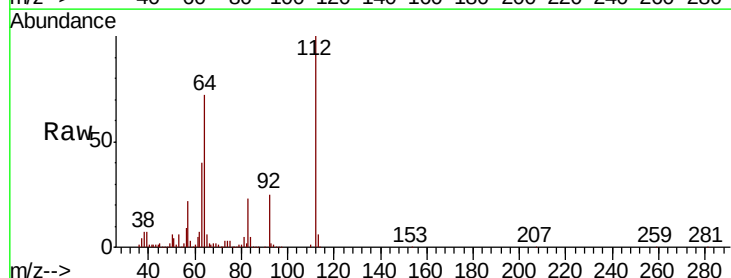
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.498 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042792.D
Acq: 12 Sep 2019 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.2	90.2
63	39.7	31.2	46.8

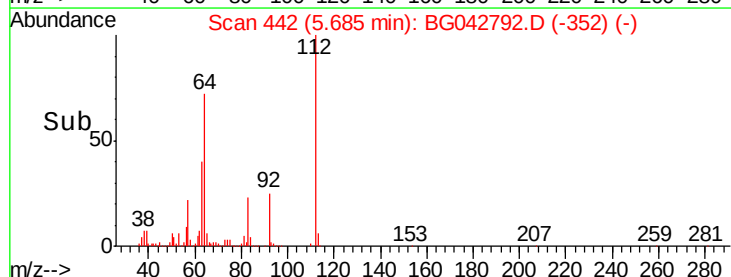
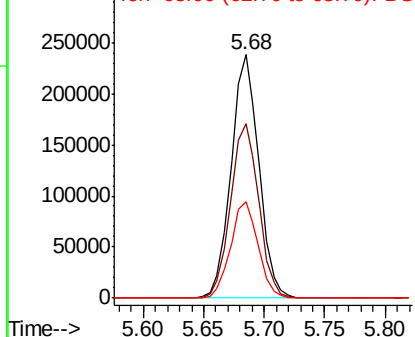


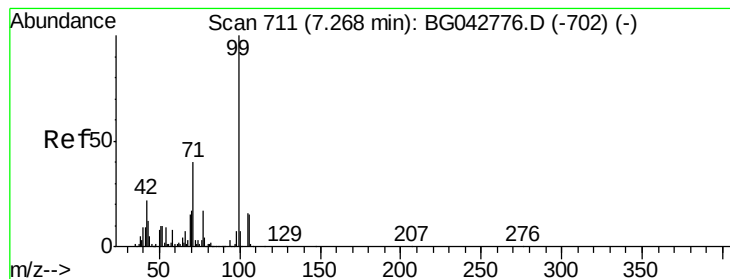
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 85.809 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042792.D

Acq: 12 Sep 2019 21:30

Instrument :

BNA_G

ClientSampleId :

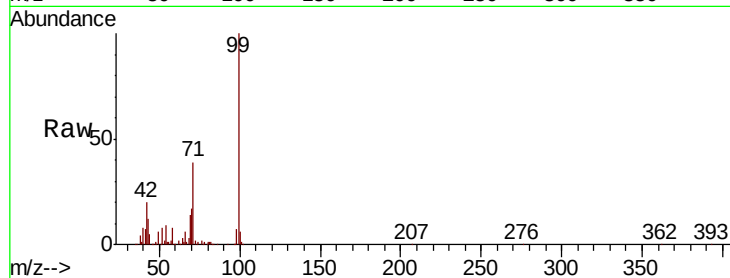
Tot Ion: 99 Resp: 561485

Ion Ratio Lower Upper

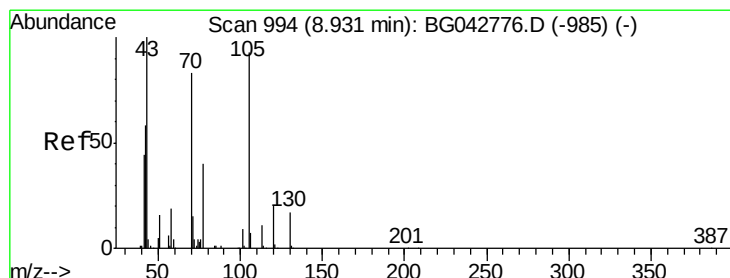
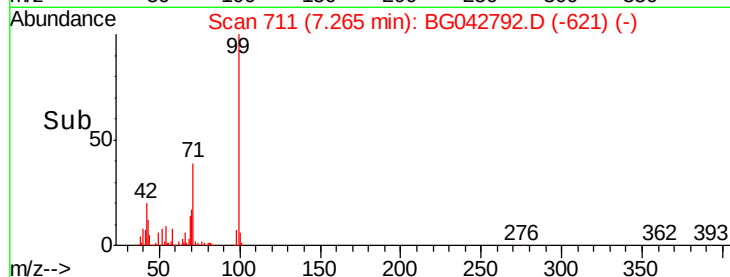
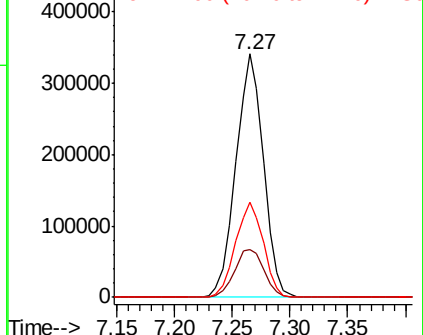
99 100

42 19.7 17.5 26.3

71 39.1 32.0 48.0



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: 9.647 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.34 min

Lab File: BG042792.D

Acq: 12 Sep 2019 21:30

Tgt Ion: 70 Resp: 46512

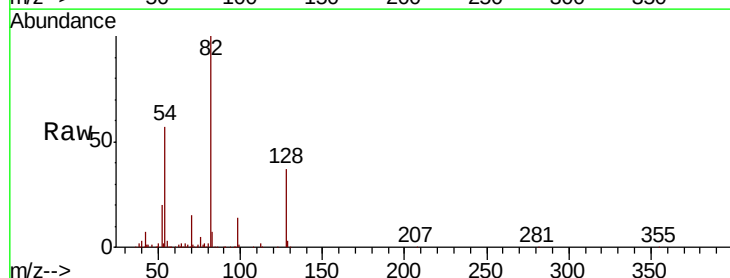
Ion Ratio Lower Upper

70 100

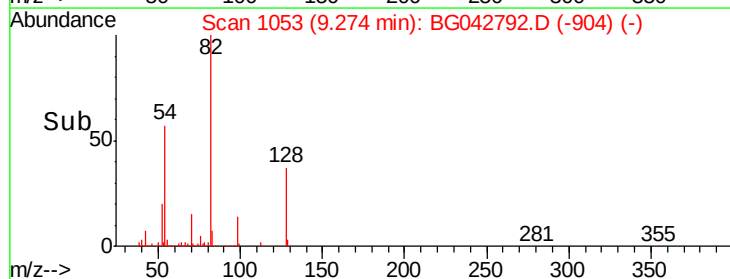
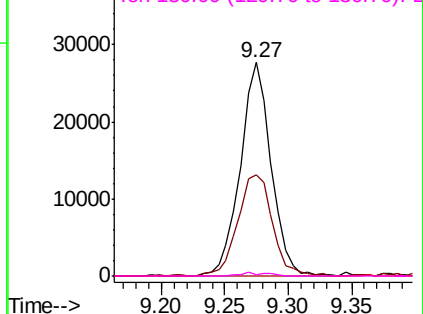
42 47.2 57.0 85.6#

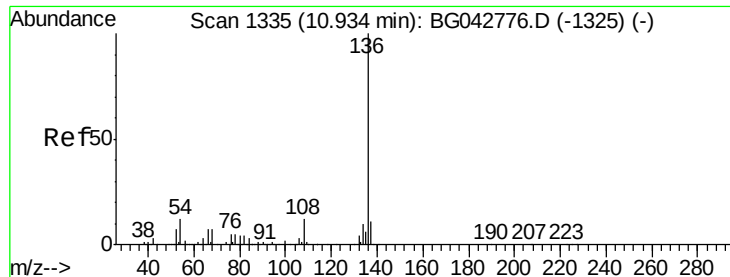
101 0.0 8.4 12.6#

130 0.8 16.1 24.1#



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

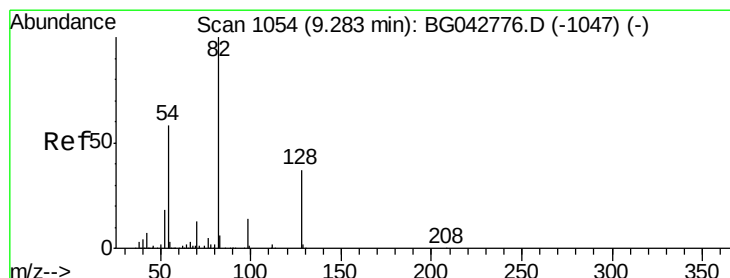
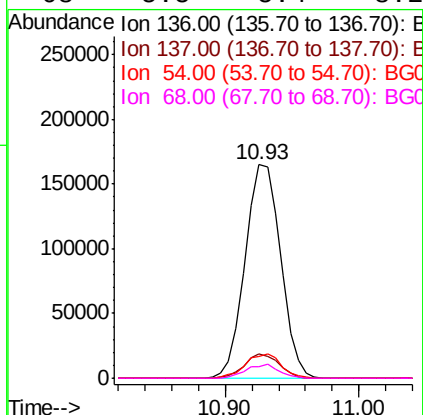
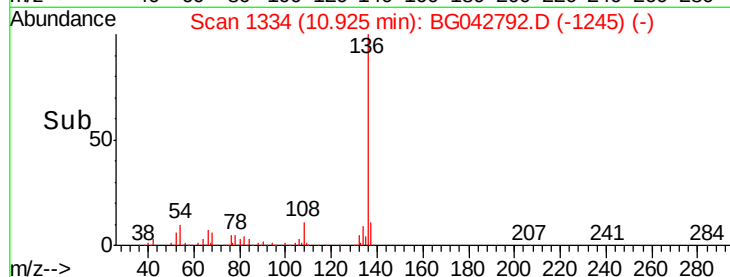
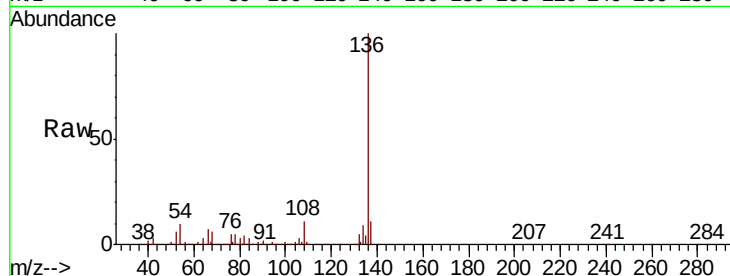




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042792.D
Acq: 12 Sep 2019 21:30

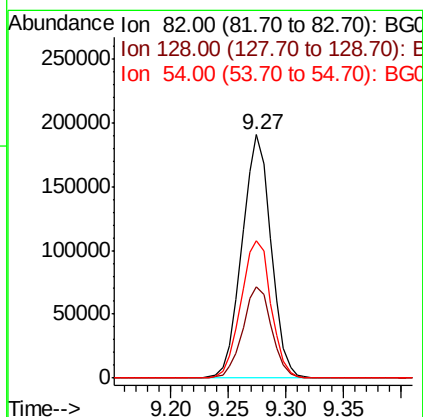
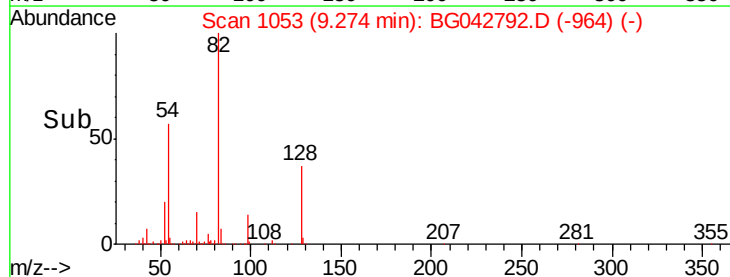
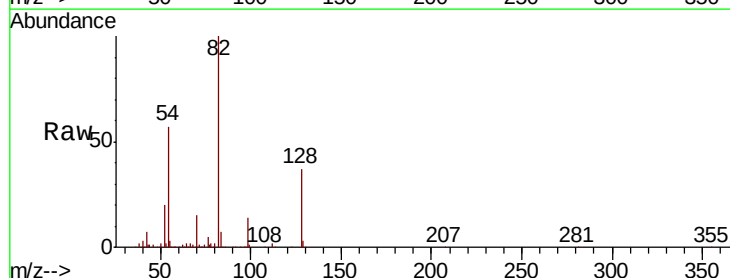
Instrument :
BNA_G
ClientSampleId :

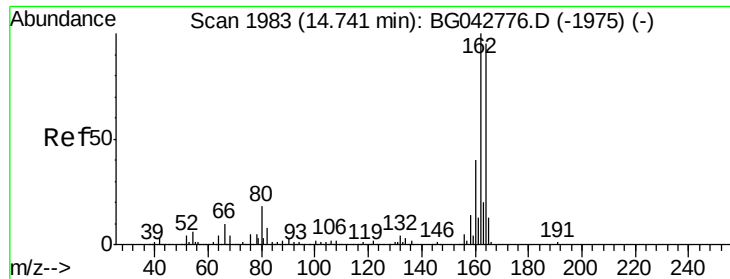
Tot Ion:136	Resp:	302948	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.0	13.6	
54 10.2	9.4	14.0	
68 5.5	5.4	8.2	



#23
Nitrobenzene-d5
Concen: 57.076 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042792.D
Acq: 12 Sep 2019 21:30

Tgt Ion: 82	Resp: 332119
Ion Ratio	Lower Upper
82 100	
128 37.5	29.8 44.8
54 56.5	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042792.D

Acq: 12 Sep 2019 21:30

Instrument :

BNA_G

ClientSampleId :

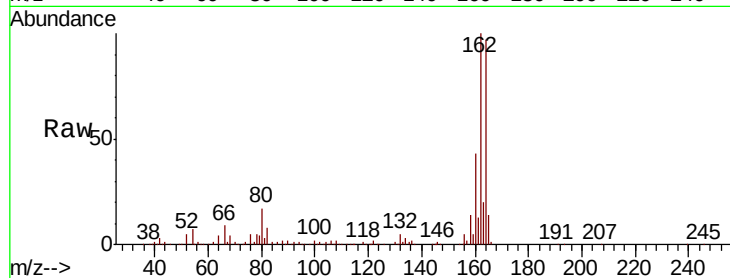
Tot Ion:164 Resp: 208815

Ion Ratio Lower Upper

164 100

162 103.5 84.6 126.8

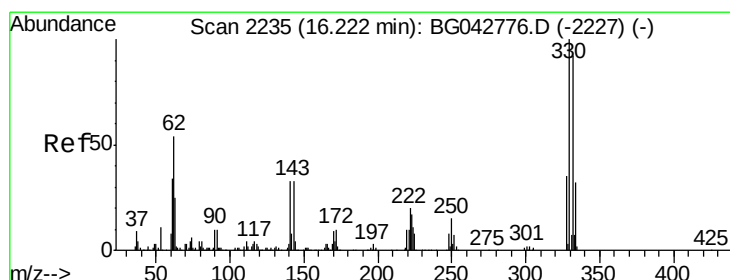
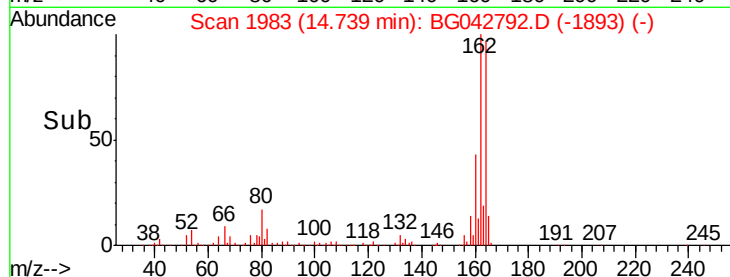
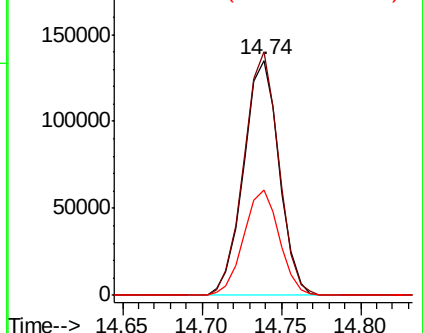
160 44.9 34.2 51.2



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: 86.159 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042792.D

Acq: 12 Sep 2019 21:30

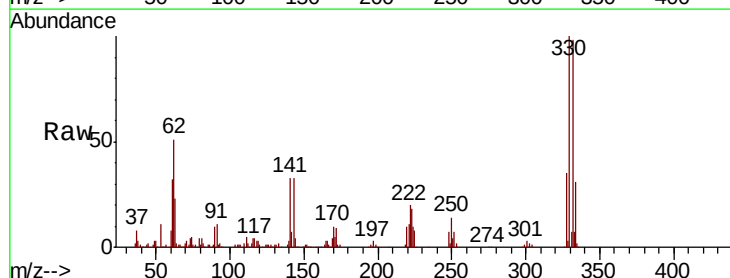
Tgt Ion:330 Resp: 239361

Ion Ratio Lower Upper

330 100

332 96.9 76.7 115.1

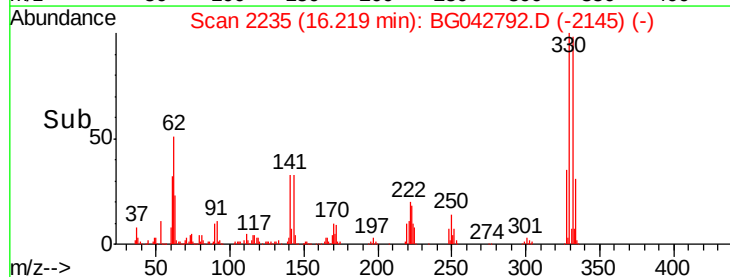
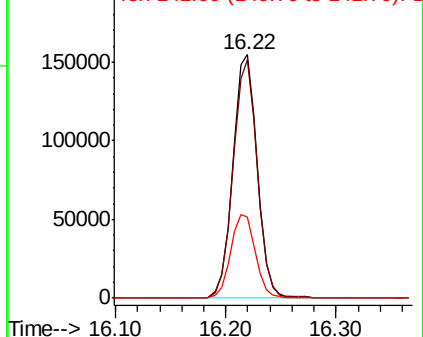
141 34.7 27.0 40.6

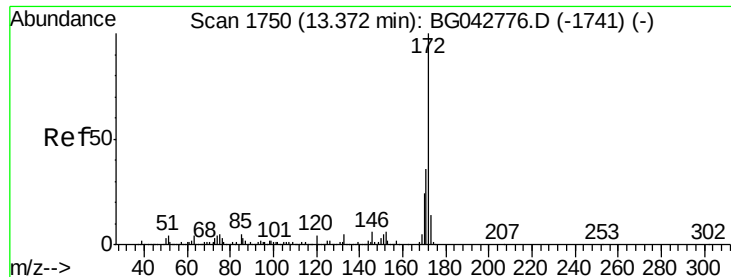


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

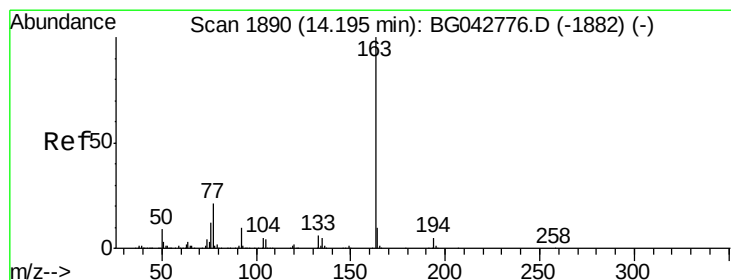
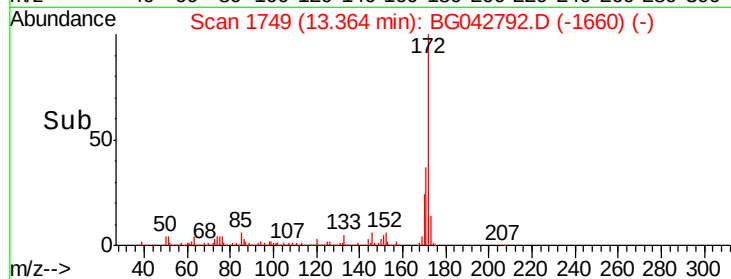
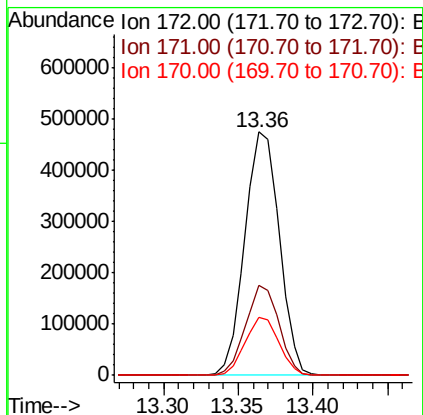
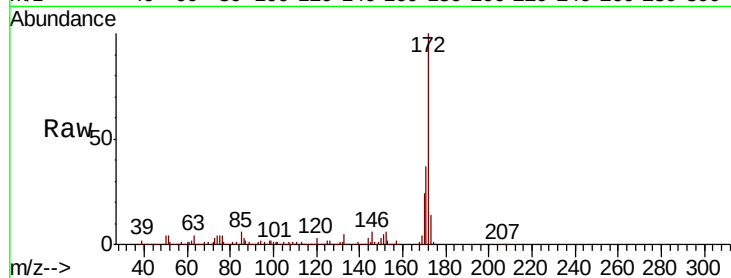




#45
2-Fluorobiphenyl
Concen: 57.472 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042792.D
Acq: 12 Sep 2019 21:30

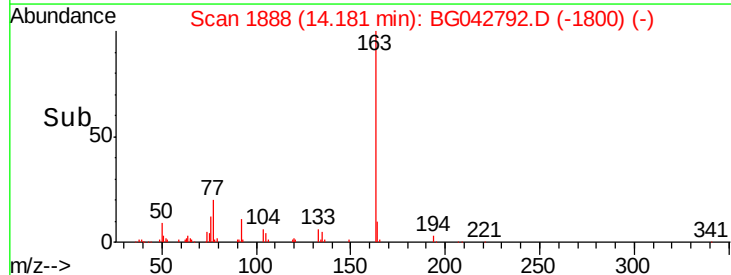
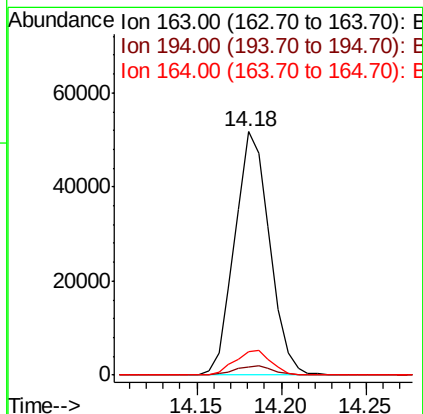
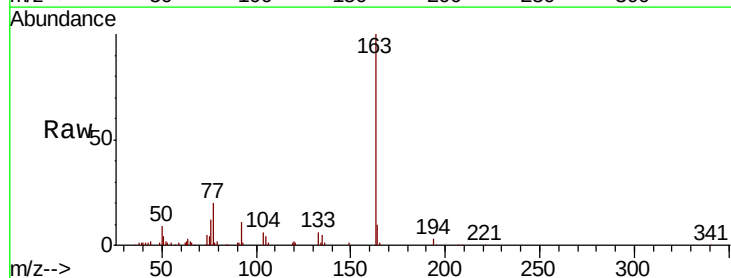
Instrument :
BNA_G
ClientSampleId :

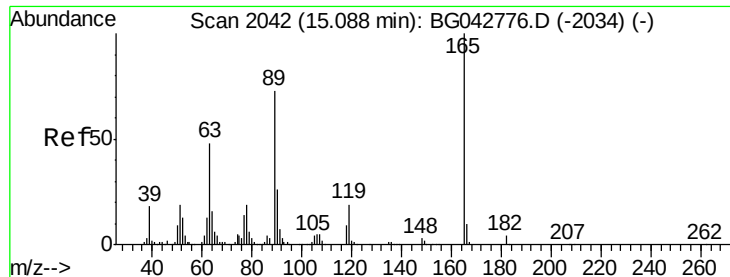
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	23.6	19.1	28.7



#50
Dimethylphthalate
Concen: 4.745 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG042792.D
Acq: 12 Sep 2019 21:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.2	6.4#
164	9.8	8.4	12.6

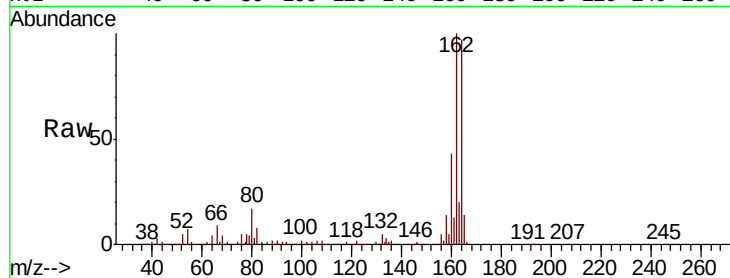




#57
 2,4-Dinitrotoluene
 Concen: 6.454 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.35 min
 Lab File: BG042792.D
 Acq: 12 Sep 2019 21:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	2.3	58.4	87.6#
182	0.0	2.9	4.3#

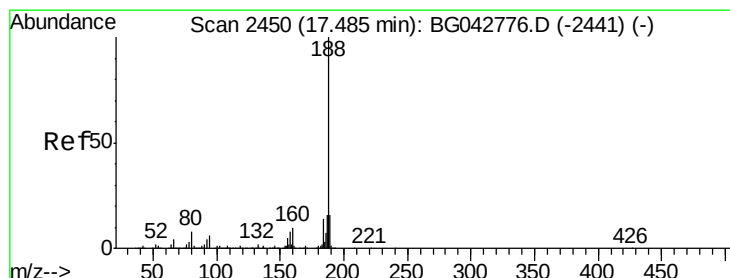
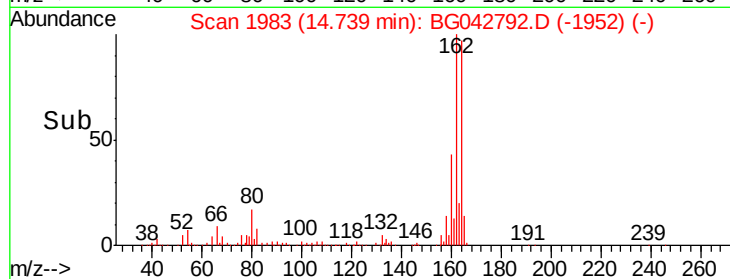
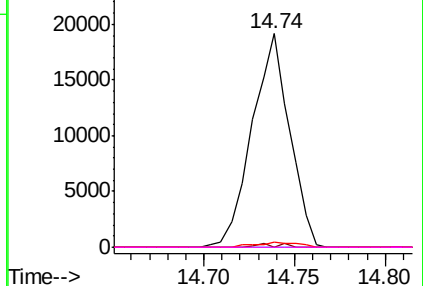


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

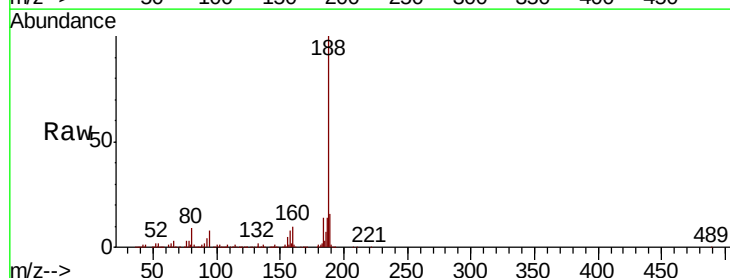
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG042792.D
 Acq: 12 Sep 2019 21:30

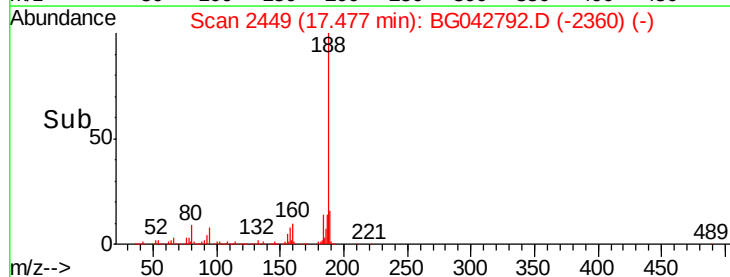
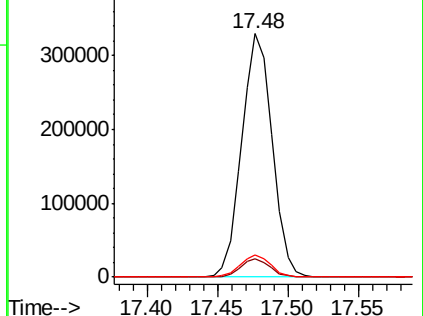
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	4.8	7.2#
80	9.0	6.6	9.8

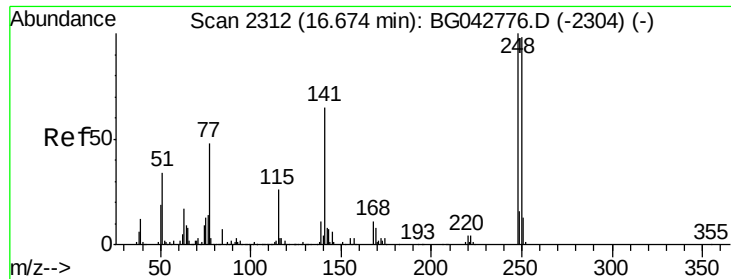


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

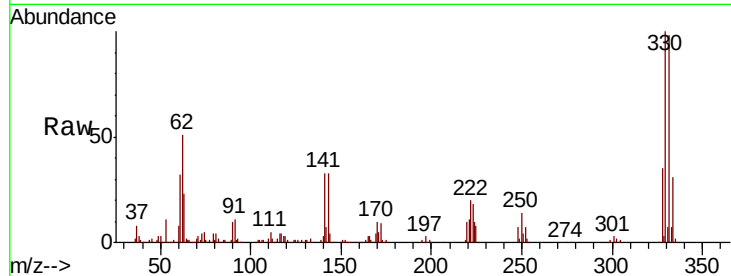




#67
 4-Bromophenyl-phenylether
 Concen: 2.739 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.46 min
 Lab File: BG042792.D
 Acq: 12 Sep 2019 21:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	193.1	78.0	117.0#
141	465.2	51.8	77.6#

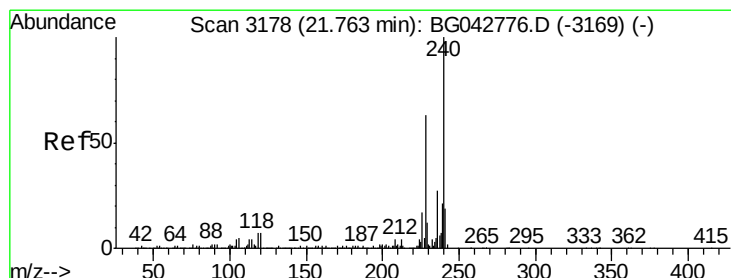
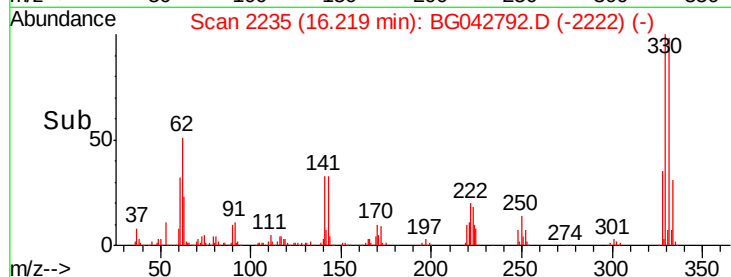
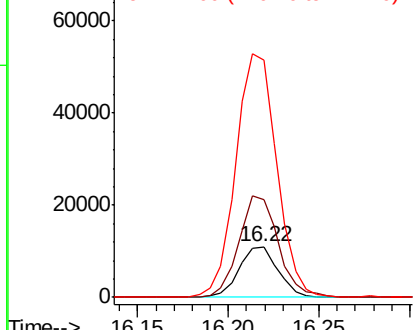


Abundance

Ion 248.00 (247.70 to 248.70): E

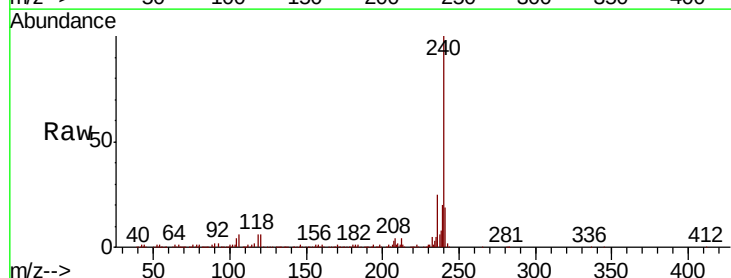
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042792.D
 Acq: 12 Sep 2019 21:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.2
236	25.0	21.7	32.5

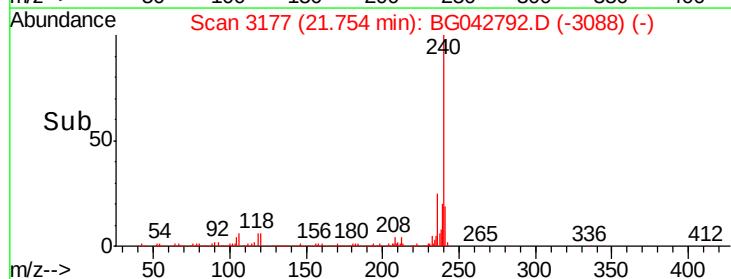
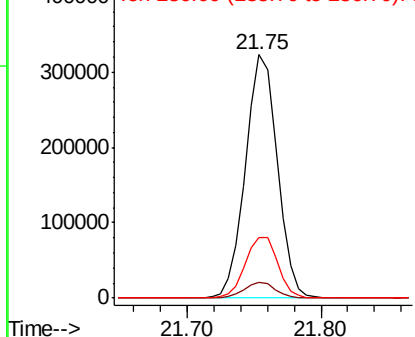


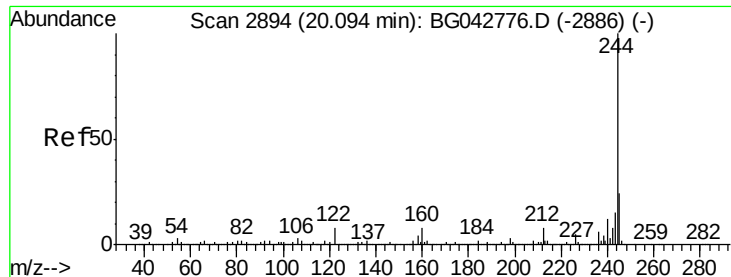
Abundance

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: 57.436 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042792.D

Acq: 12 Sep 2019 21:30

Instrument :

BNA_G

ClientSampled :

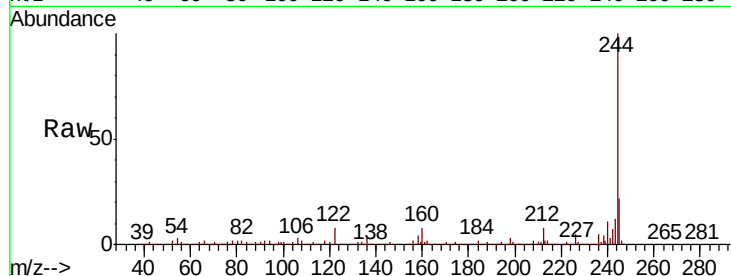
Tot Ion:244 Resp: 1376474

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

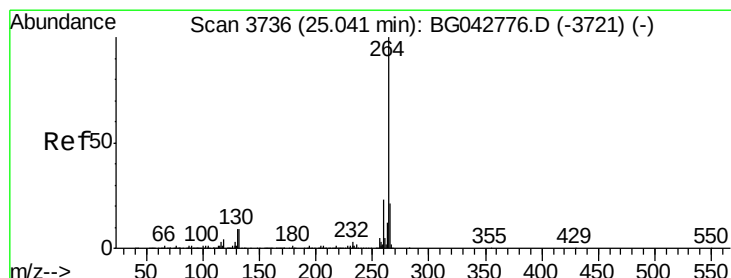
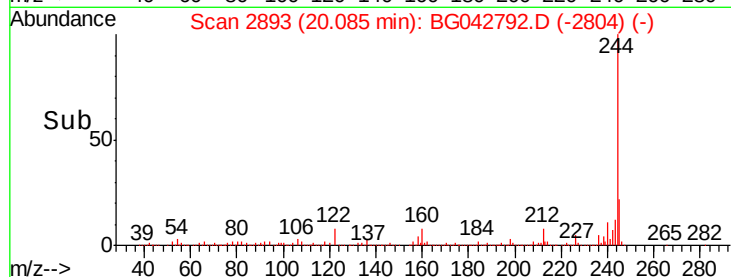
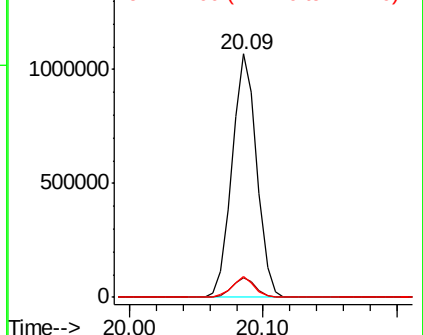
122 8.4 6.2 9.4



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042792.D

Acq: 12 Sep 2019 21:30

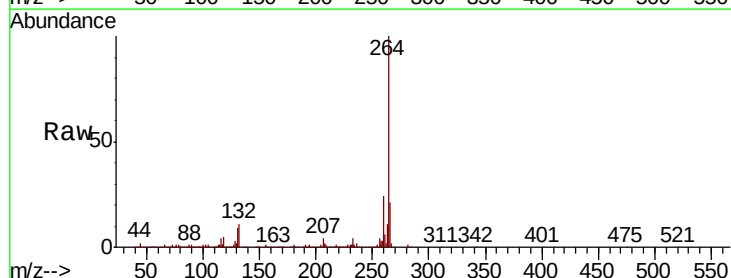
Tgt Ion:264 Resp: 569560

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 20.9 16.9 25.3



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

