

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042744.D
 Acq On : 6 Sep 2019 7:30
 Operator : HP/JU
 Sample : K4679-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 08:33:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

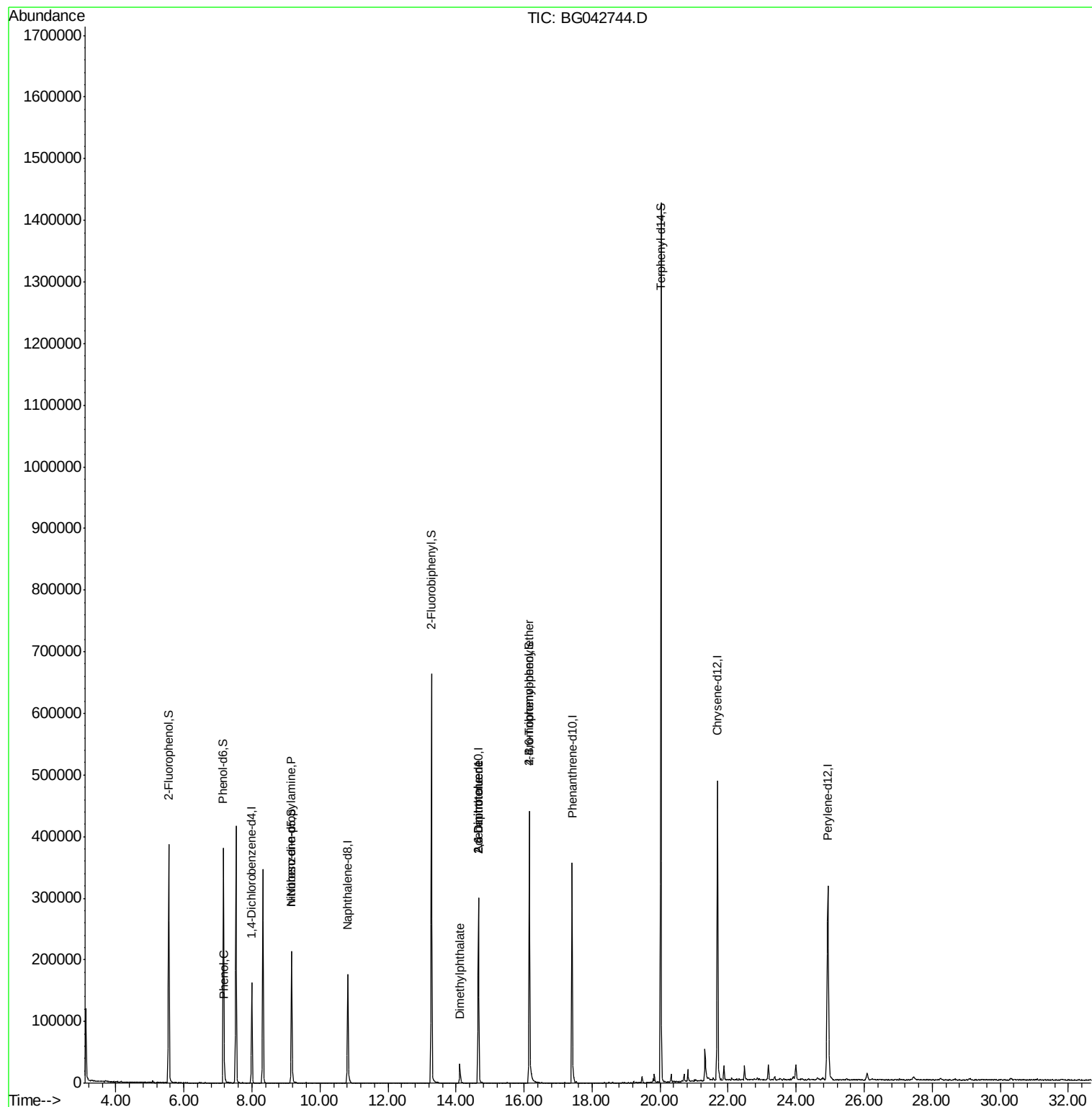
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	51783	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	189495	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	125922	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	277015	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	330085	20.00	ng	-0.01
87) Perylene-d12	24.93	264	391224	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	194842	76.20	ng	-0.01
7) Phenol-d6	7.16	99	247052	71.53	ng	-0.01
23) Nitrobenzene-d5	9.16	82	142544	51.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	139224	77.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	432250	58.06	ng	0.00
79) Terphenyl-d14	20.02	244	785665	51.46	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7646	2.177	ng	81
19) n-Nitroso-di-n-propylamine	9.16	70	18648	8.334	ng	# 78
50) Dimethylphthalate	14.11	163	36317	3.997	ng	# 96
51) 2,6-Dinitrotoluene	14.66	165	16415	7.794	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	16415	5.443	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	7987	2.273	ng	# 1

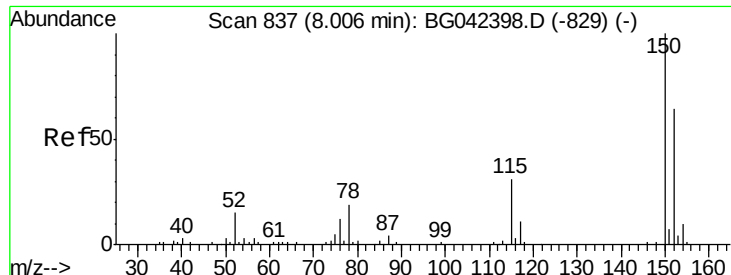
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042744.D
Acq On : 6 Sep 2019 7:30
Operator : HP/JU
Sample : K4679-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 06 08:33:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



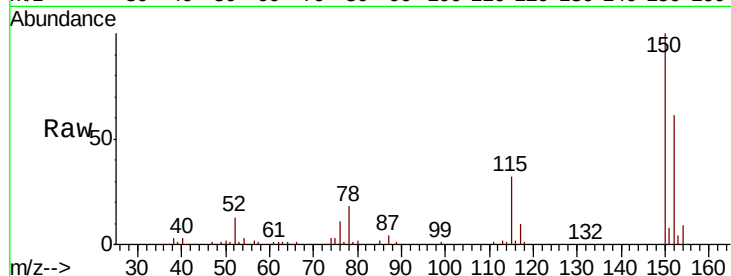


#1

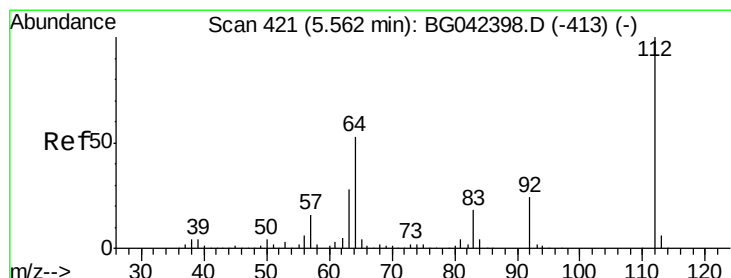
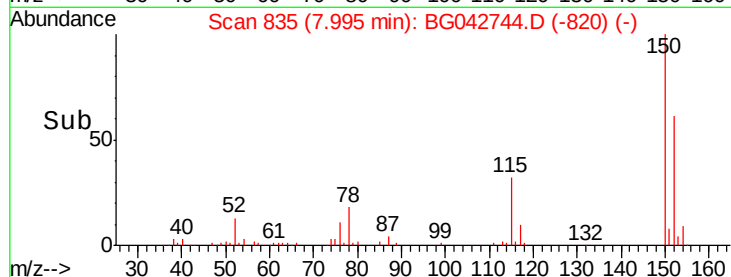
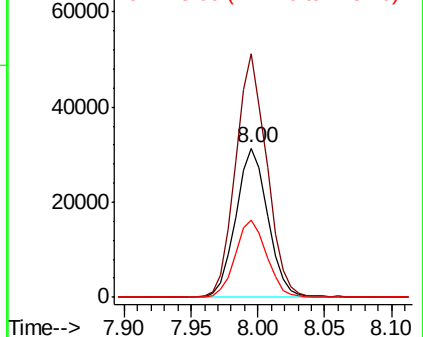
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 51783
Ion Ratio Lower Upper
152 100
150 162.9 125.4 188.0
115 52.1 38.5 57.7



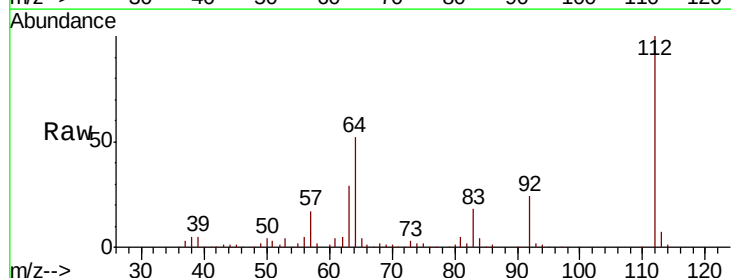
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



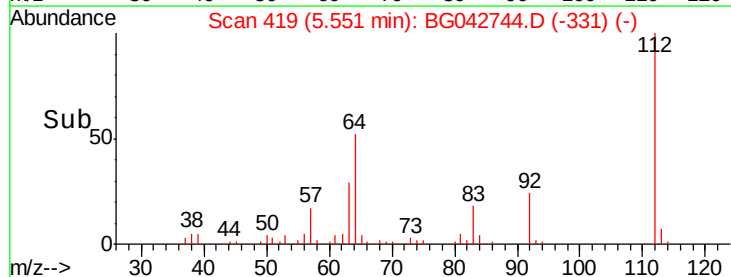
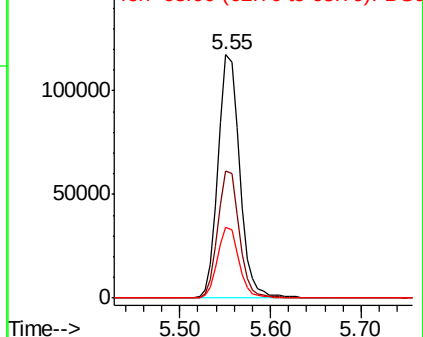
#5

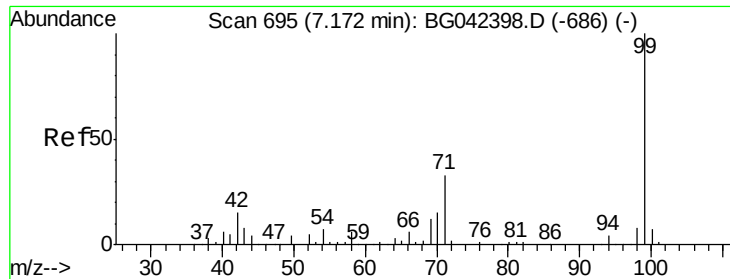
2-Fluorophenol
Concen: 76.205 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion:112 Resp: 194842
Ion Ratio Lower Upper
112 100
64 52.0 42.8 64.2
63 29.1 22.7 34.1



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: 71.533 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

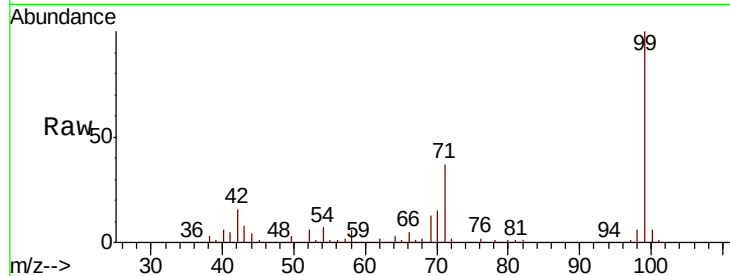
Tot Ion: 99 Resp: 247052

Ion Ratio Lower Upper

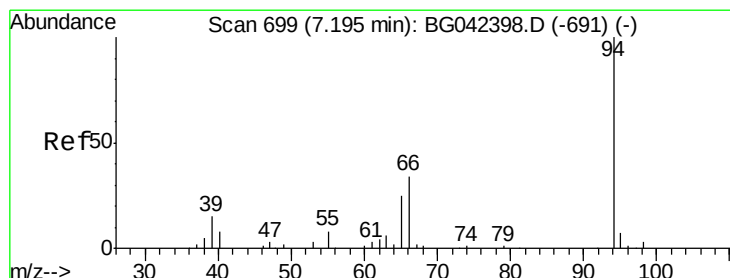
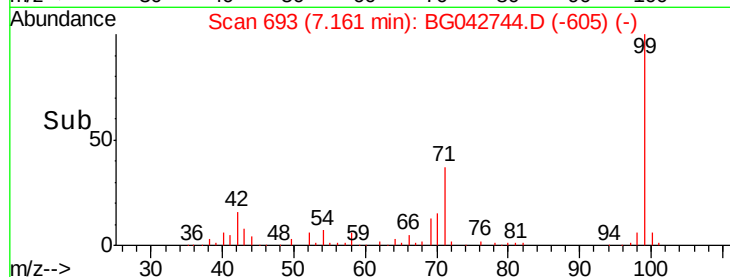
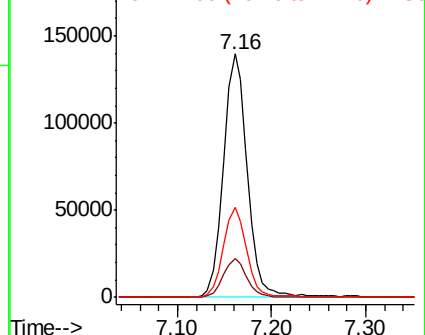
99 100

42 15.8 12.0 18.0

71 37.0 26.3 39.5



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: 2.177 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

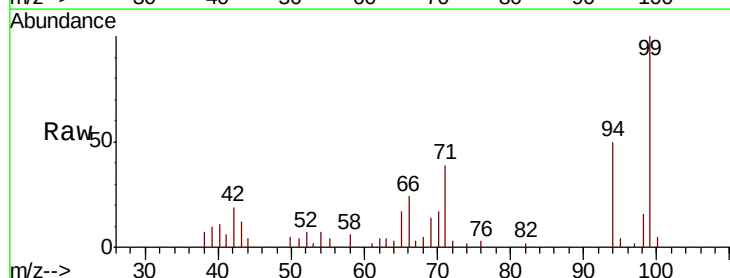
Tgt Ion: 94 Resp: 7646

Ion Ratio Lower Upper

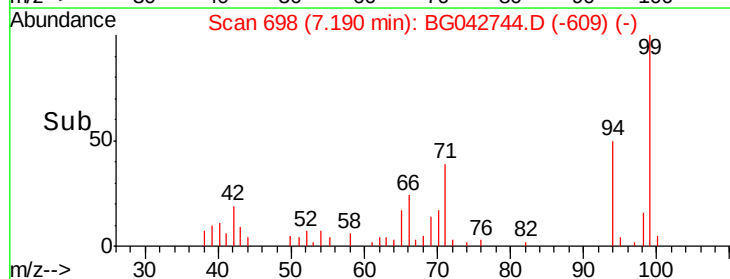
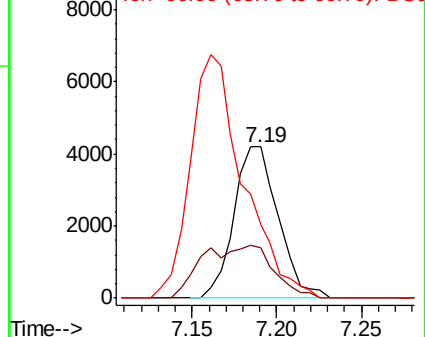
94 100

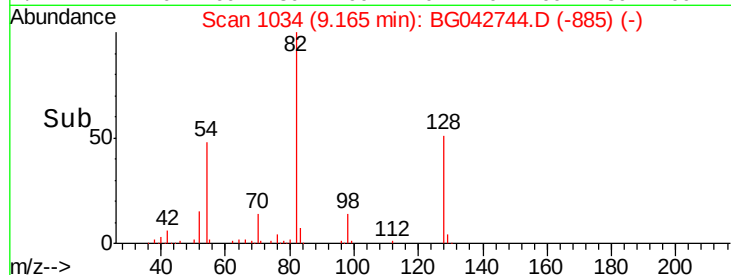
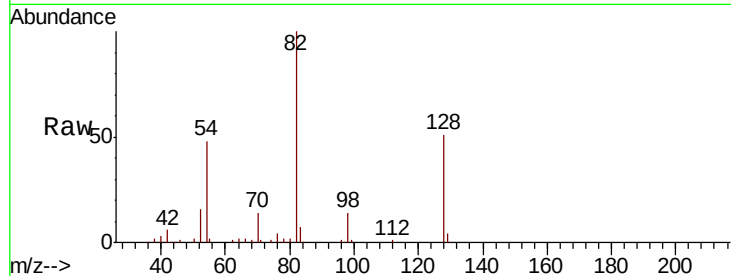
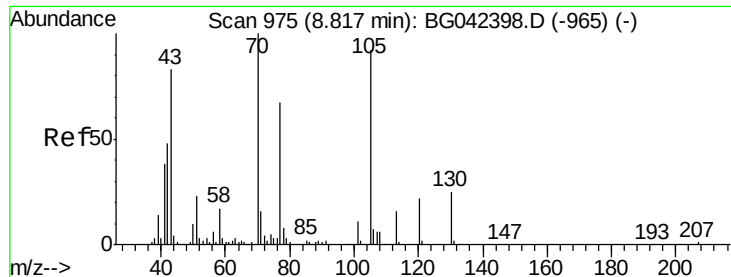
65 33.0 5.6 45.6

66 48.7 16.0 56.0



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

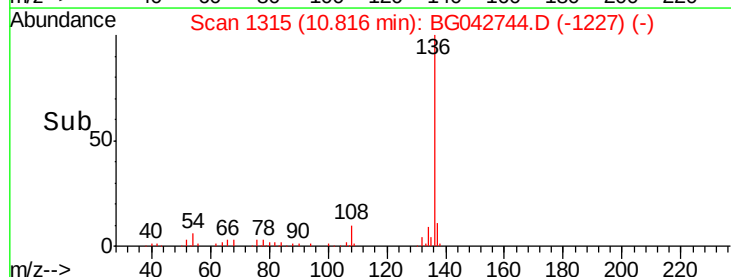
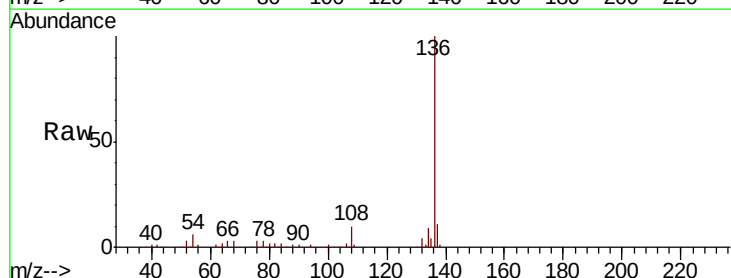
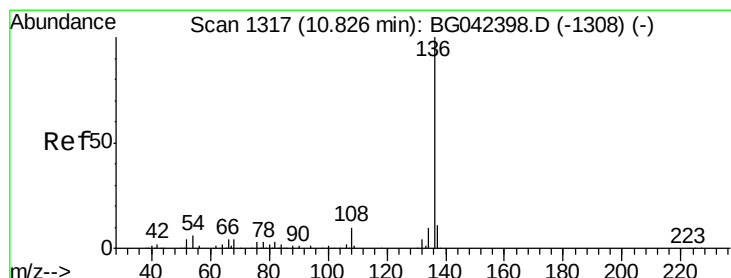
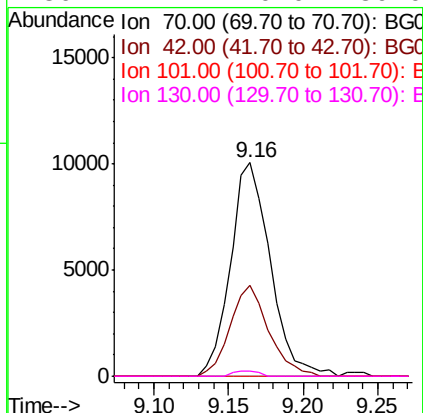




#19
n-Nitroso-di-n-propylamine
Concen: 8.334 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

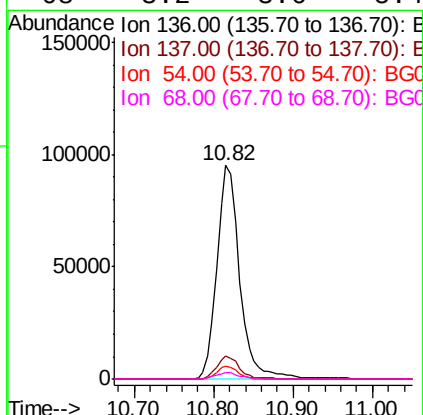
Instrument :
BNA_G
ClientSampleId :

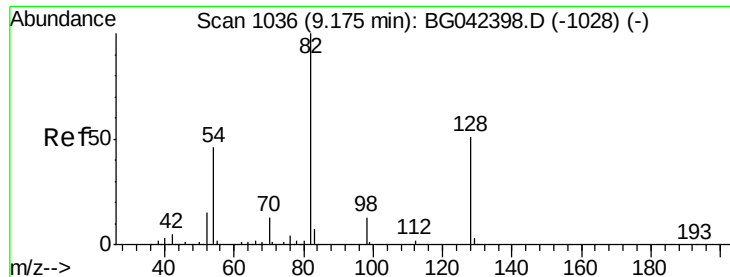
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	38.8	58.2
101	0.0	9.0	13.6#
130	2.2	20.0	30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.0	4.9	7.3
68	3.2	3.6	5.4#

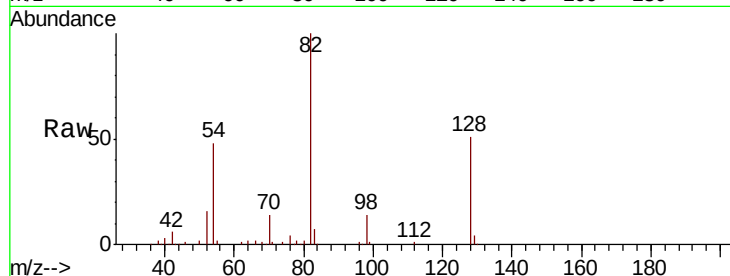




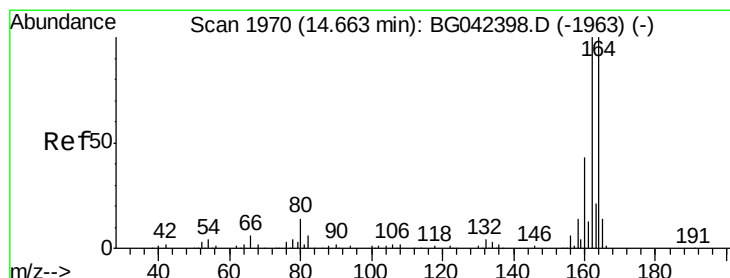
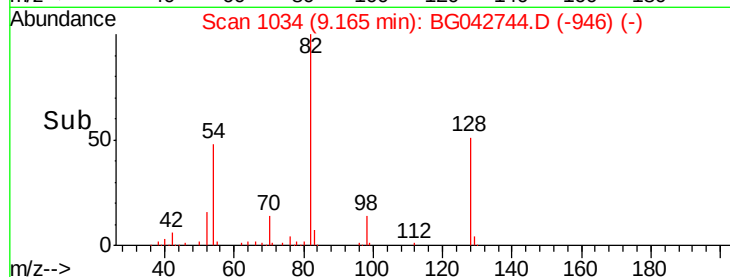
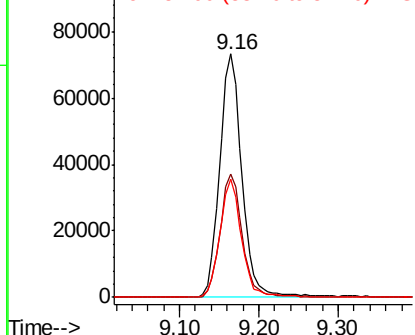
#23
Nitrobenzene-d5
Concen: 51.982 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 142544
Ion Ratio Lower Upper
82 100
128 50.8 40.7 61.1
54 48.3 36.3 54.5

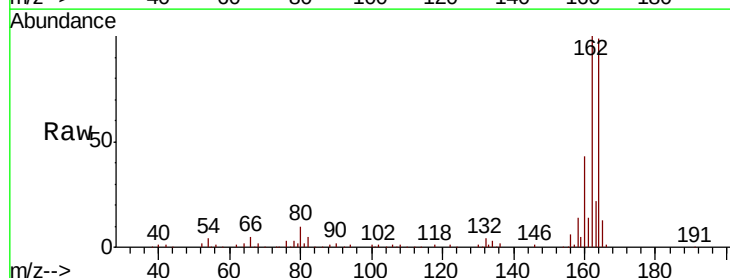


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

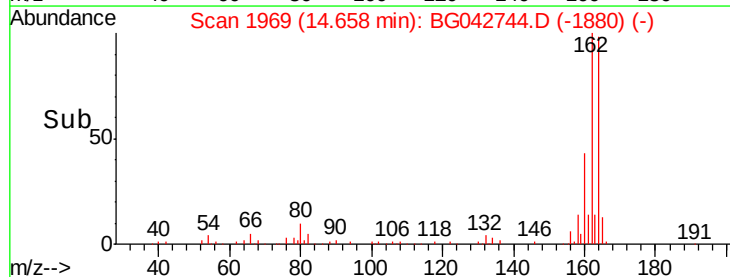
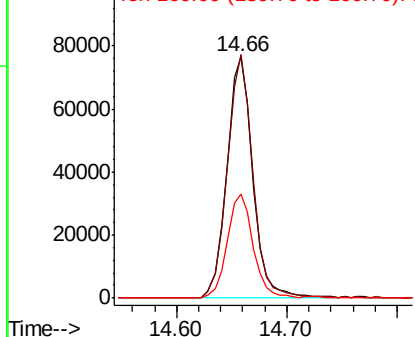


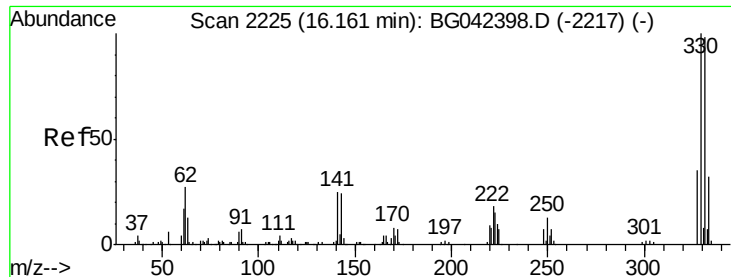
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion:164 Resp: 125922
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 43.2 34.3 51.5



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





#42

2,4,6-Tribromophenol

Concen: 77.789 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

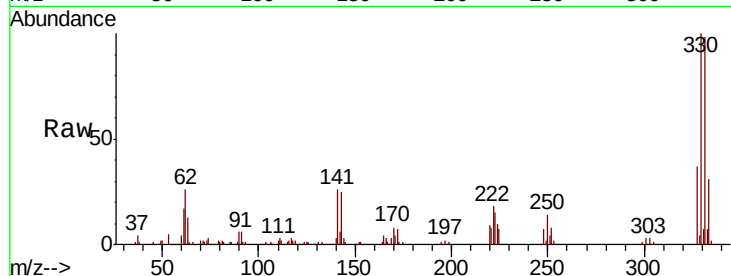
Tot Ion:330 Resp: 139224

Ion Ratio Lower Upper

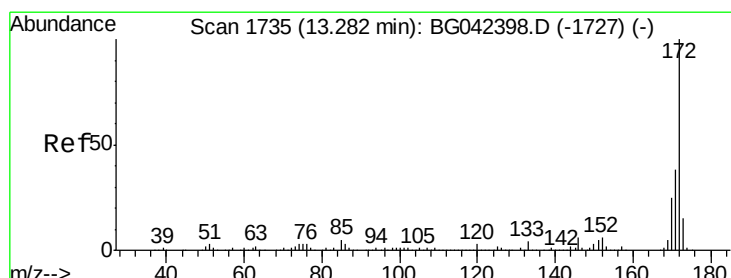
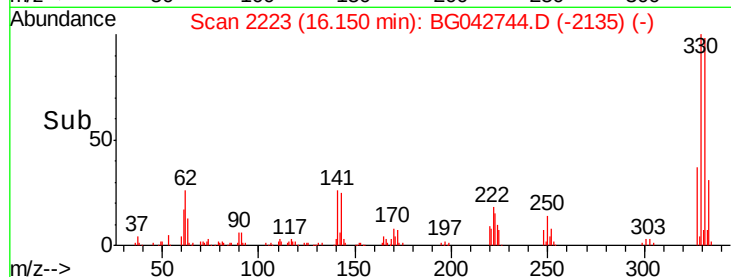
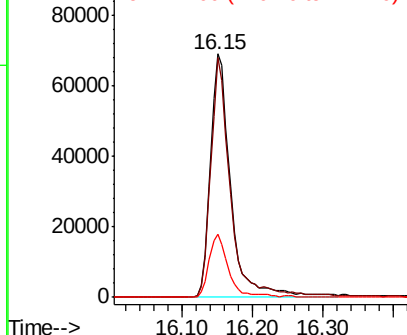
330 100

332 95.0 77.4 116.0

141 24.7 21.4 32.0



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: 58.056 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

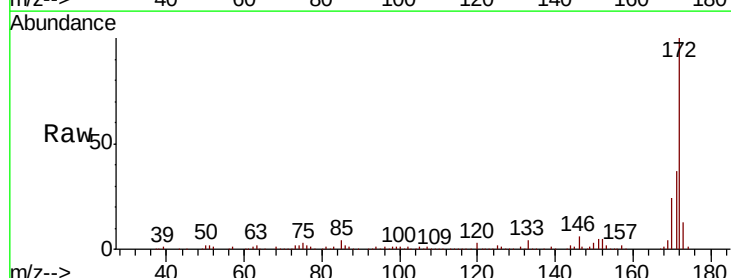
Tgt Ion:172 Resp: 432250

Ion Ratio Lower Upper

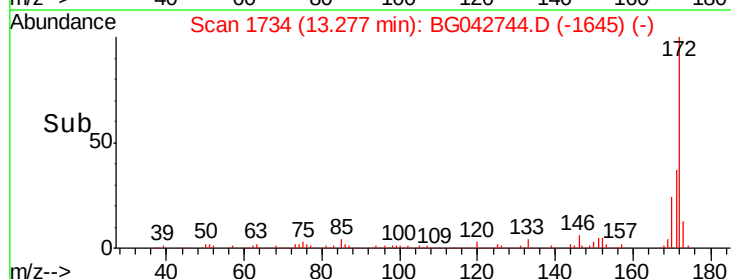
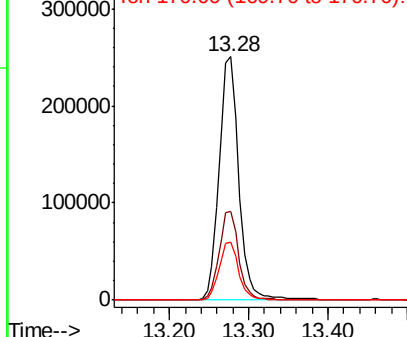
172 100

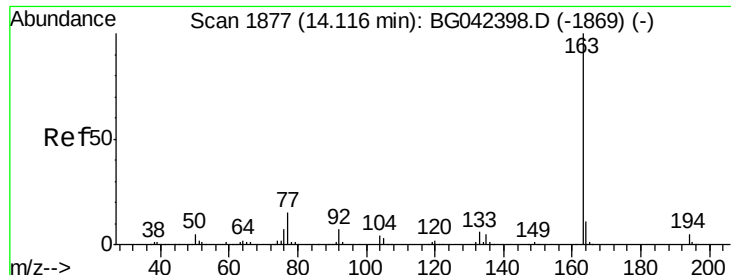
171 36.6 30.5 45.7

170 23.7 20.2 30.2



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

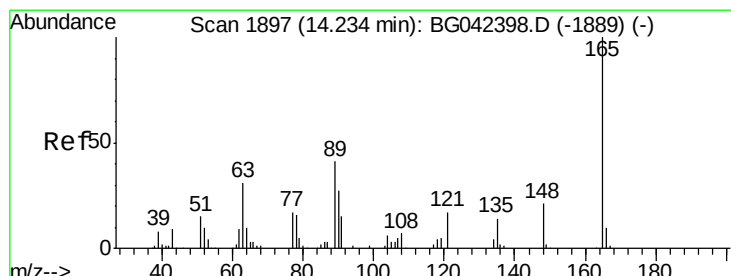
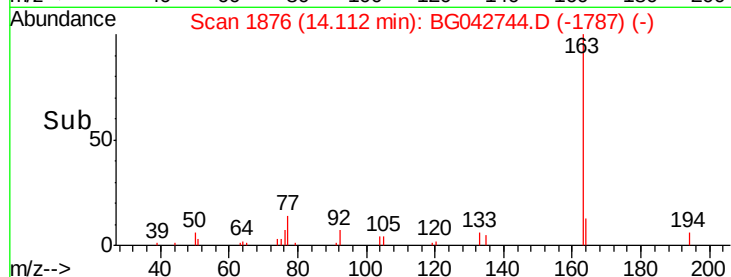
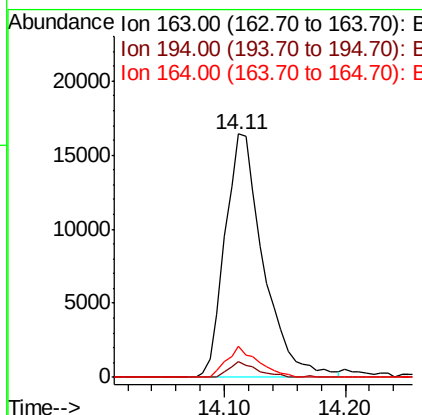
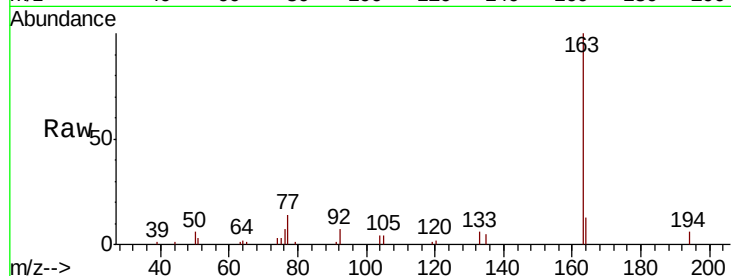




#50
Dimethylphthalate
Concen: 3.997 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

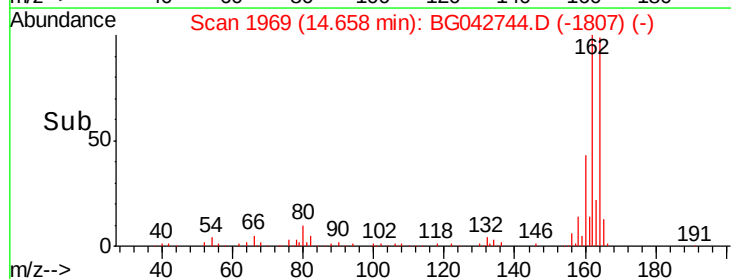
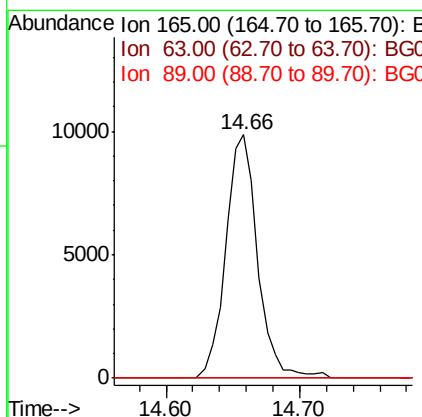
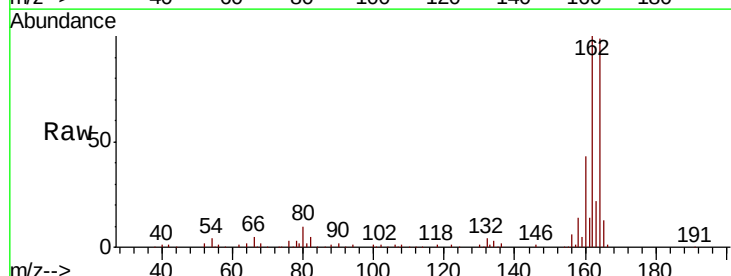
Instrument :
BNA_G
ClientSampleId :

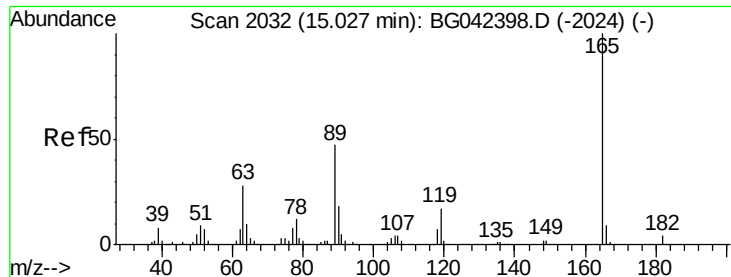
Tot Ion:163 Resp: 36317
Ion Ratio Lower Upper
163 100
194 6.3 4.2 6.2#
164 12.8 8.8 13.2



#51
2,6-Dinitrotoluene
Concen: 7.794 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion:165 Resp: 16415
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 32.6 49.0#

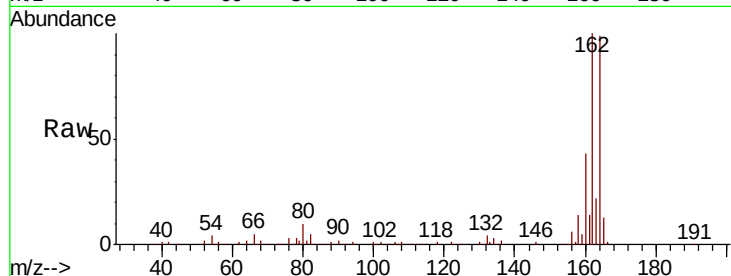




#57
 2,4-Dinitrotoluene
 Concen: 5.443 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042744.D
 Acq: 6 Sep 2019 7:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



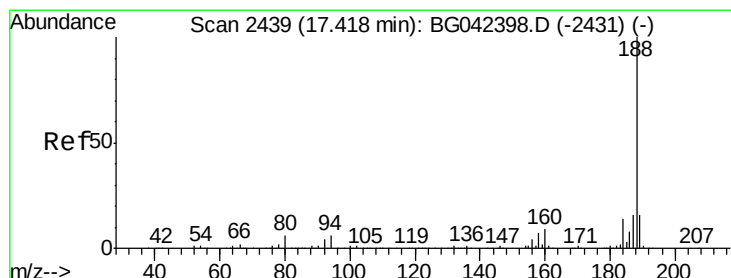
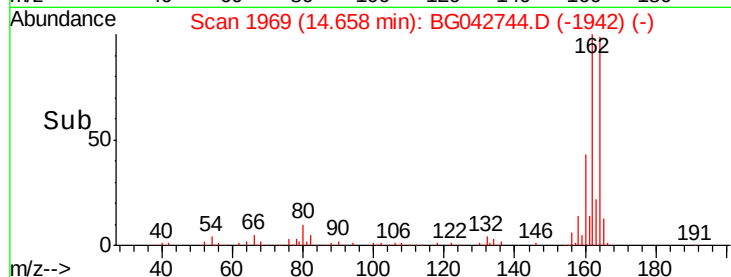
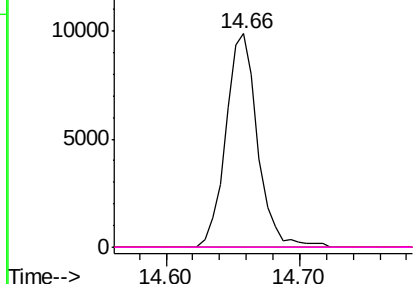
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

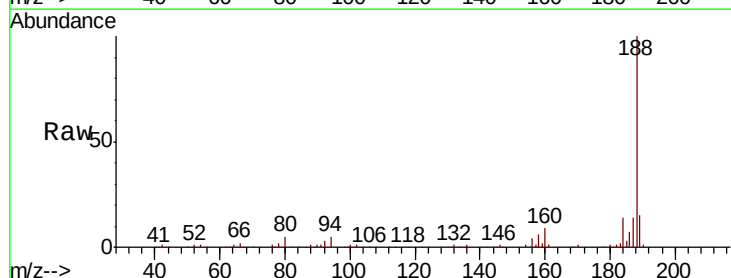
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042744.D
 Acq: 6 Sep 2019 7:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.4	4.9	7.3

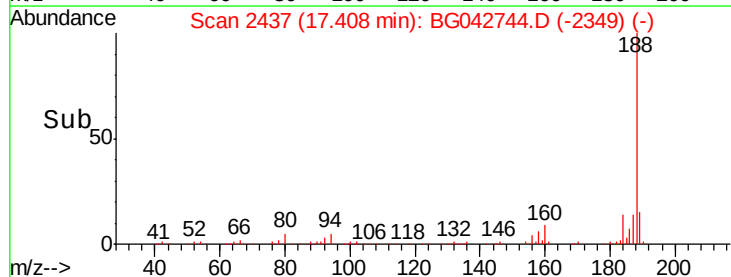
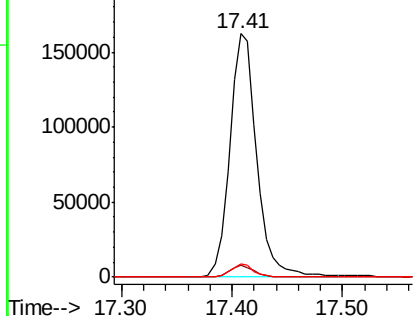


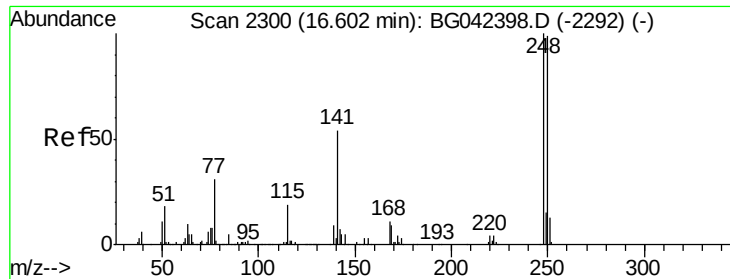
Abundance

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

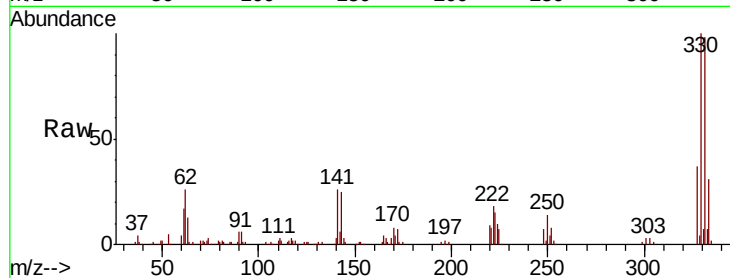




#67
4-Bromophenyl-phenylether
Concen: 2.273 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	209.4	78.9	118.3#
141	398.8	43.3	64.9#

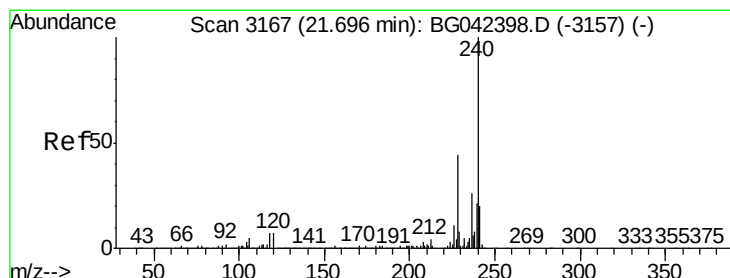
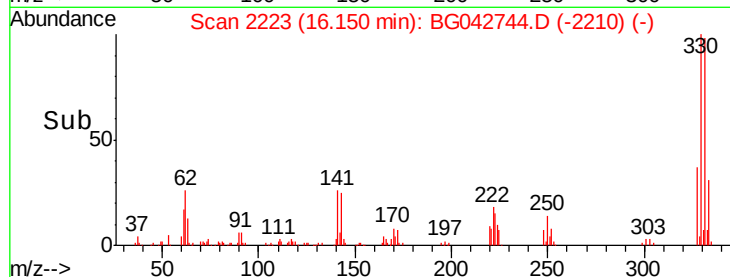
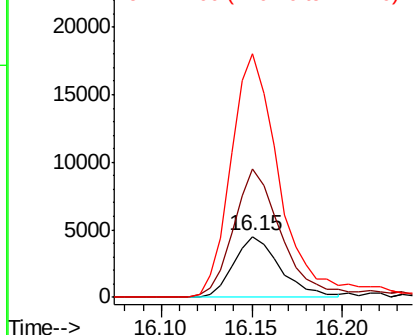


Abundance

Ion 248.00 (247.70 to 248.70): E

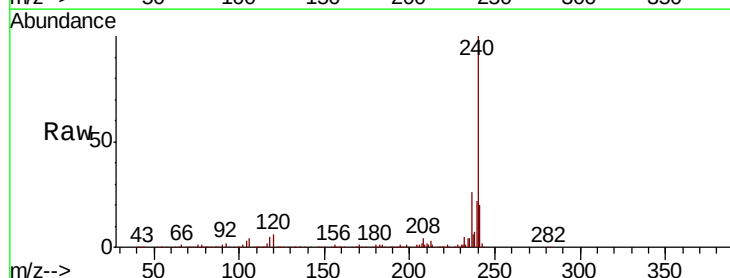
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042744.D
Acq: 6 Sep 2019 7:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	26.3	21.0	31.4

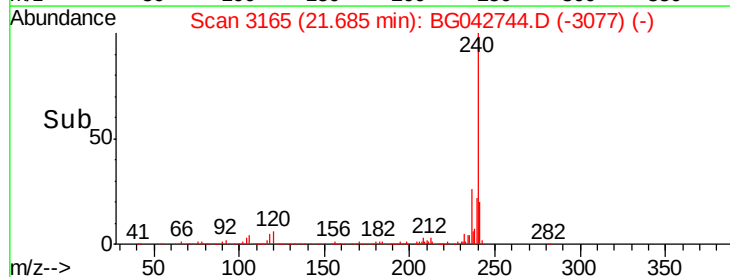
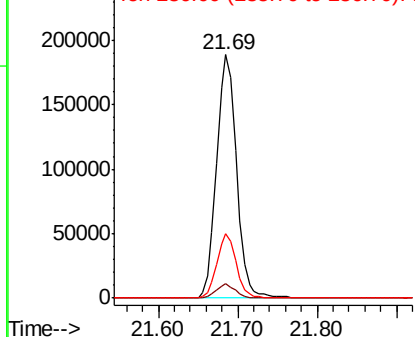


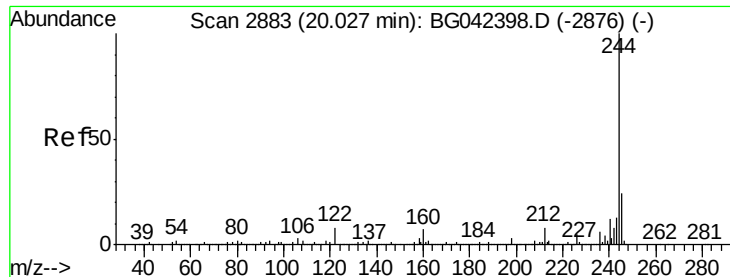
Abundance

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: 51.458 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

Instrument :

BNA_G

ClientSampleId :

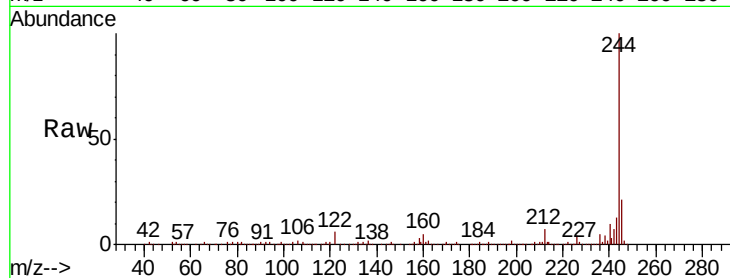
Tot Ion:244 Resp: 785665

Ion Ratio Lower Upper

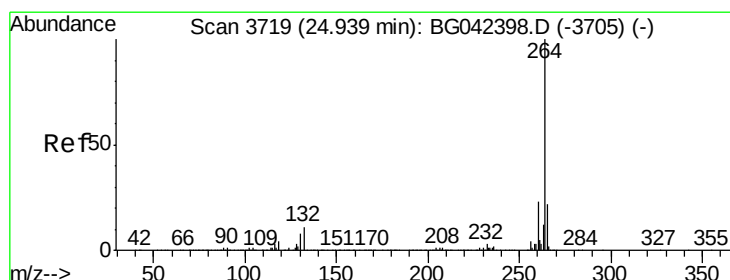
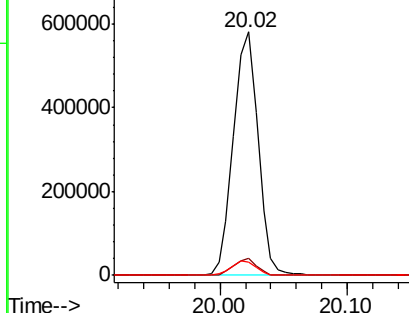
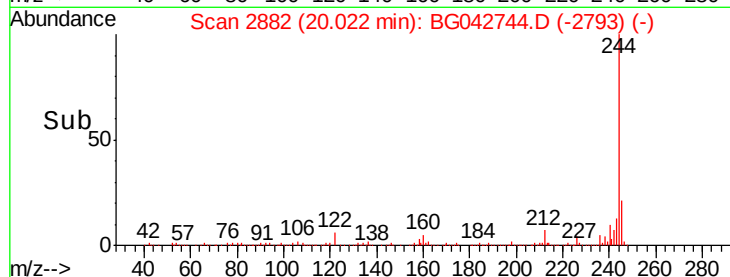
244 100

212 6.9 6.0 9.0

122 5.7 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042744.D

Acq: 6 Sep 2019 7:30

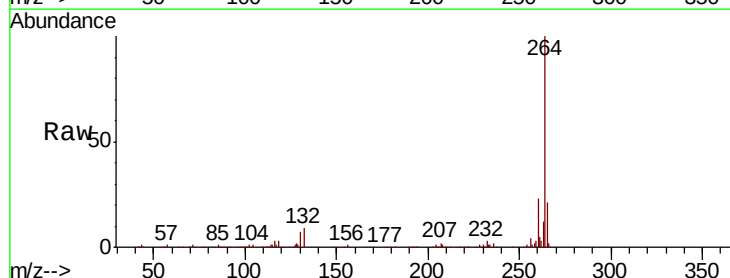
Tgt Ion:264 Resp: 391224

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.1 17.6 26.4



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

