

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042692.D
 Acq On : 3 Sep 2019 17:12
 Operator : HP/JU
 Sample : K4622-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:06:40 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

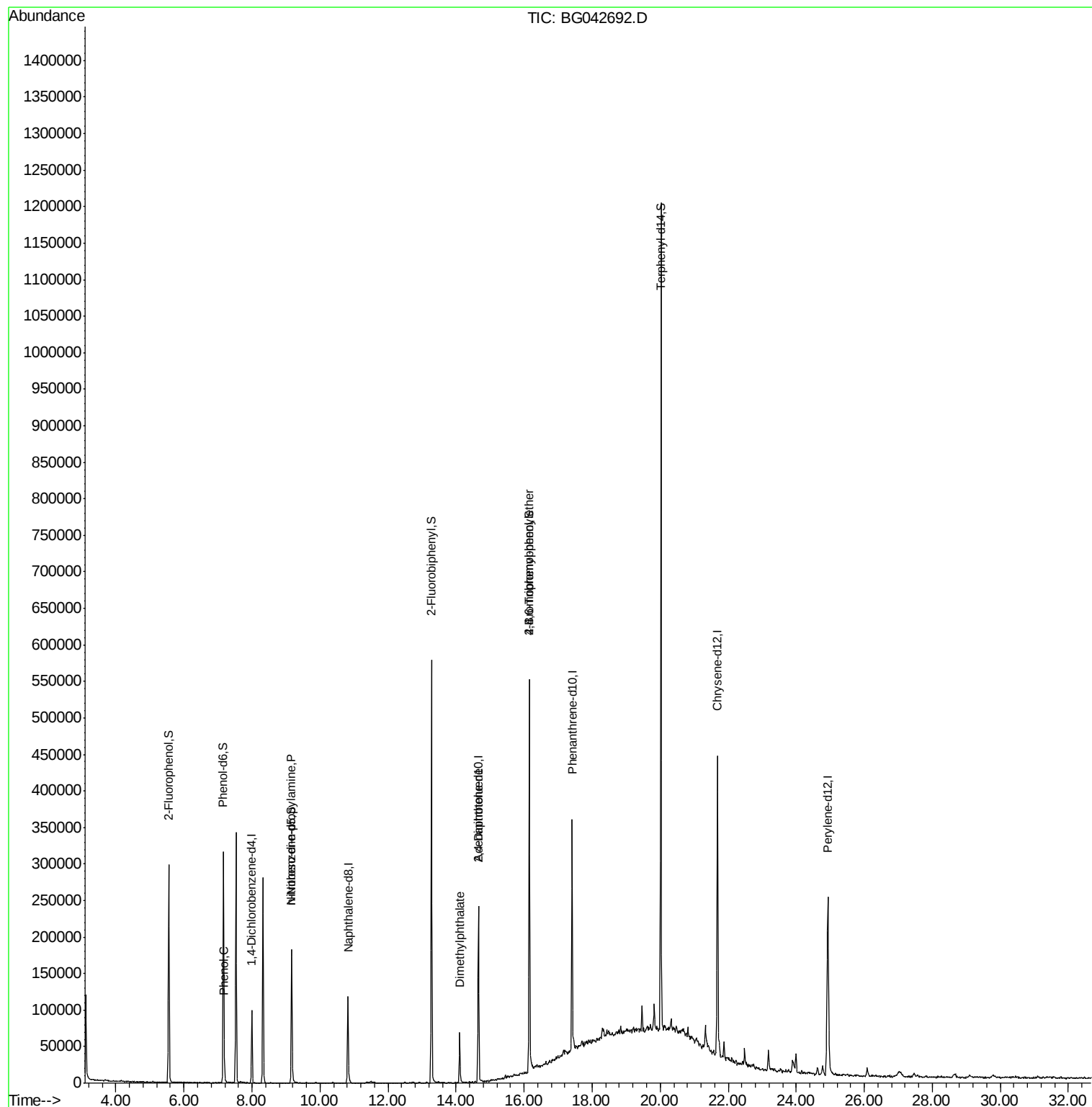
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33815	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130420	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99752	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	231207	20.00	ng	0.00
76) Chrysene-d12	21.68	240	260651	20.00	ng	-0.01
87) Perylene-d12	24.93	264	307357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	155115	92.90	ng	0.00
7) Phenol-d6	7.16	99	212397	94.18	ng	-0.01
23) Nitrobenzene-d5	9.16	82	126460	67.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	146104	103.05	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	360911	61.19	ng	0.00
79) Terphenyl-d14	20.02	244	626829	51.99	ng	0.00
Target Compounds						
10) Phenol	7.19	94	7018	3.061	ng	83
19) n-Nitroso-di-n-propylamine	9.16	70	16238	11.113	ng	# 72
50) Dimethylphthalate	14.10	163	62958	8.747	ng	99
57) 2,4-Dinitrotoluene	14.65	165	13026	5.452	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	9905	3.377	ng	# 1

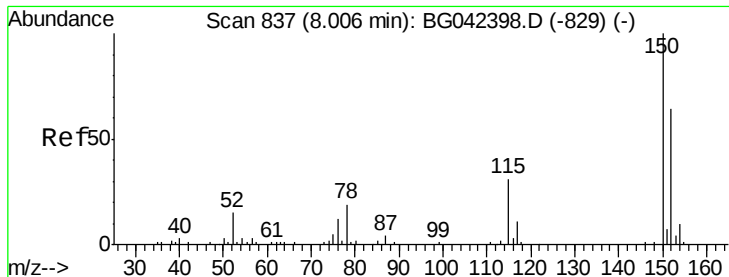
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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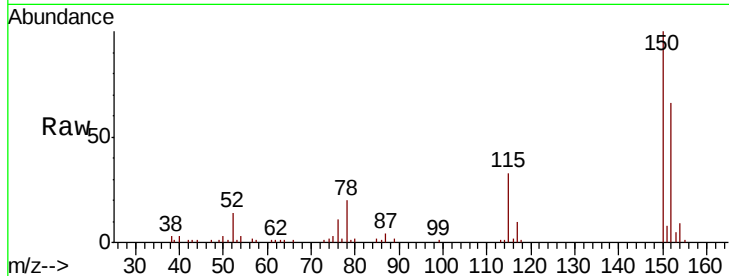


#1

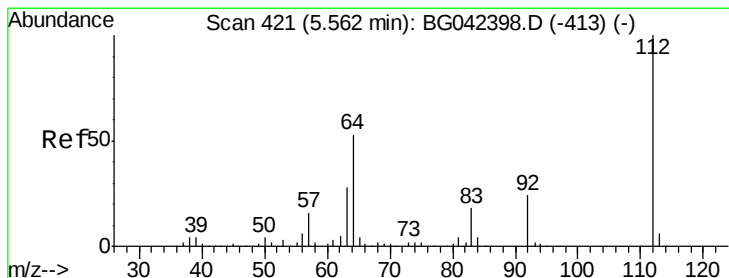
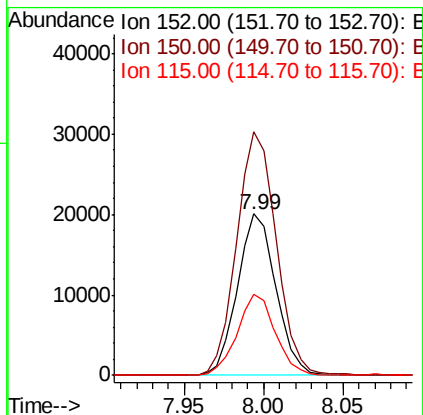
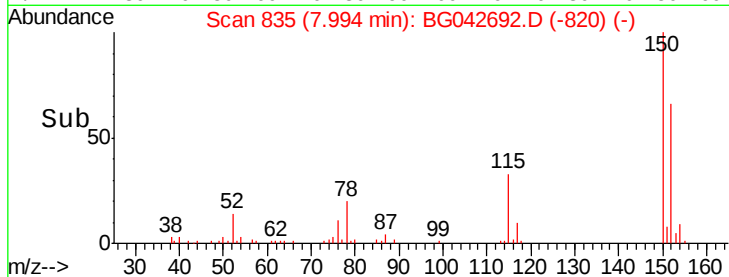
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33815
Ion Ratio Lower Upper
152 100
150 150.7 125.4 188.0
115 49.8 38.5 57.7



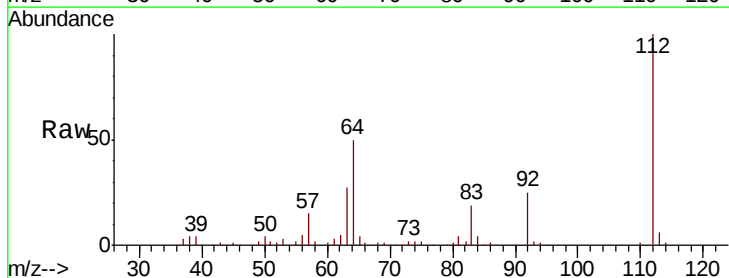
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



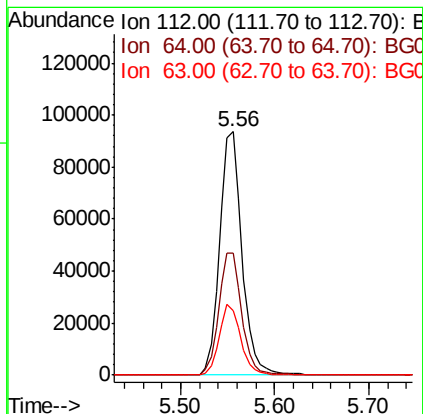
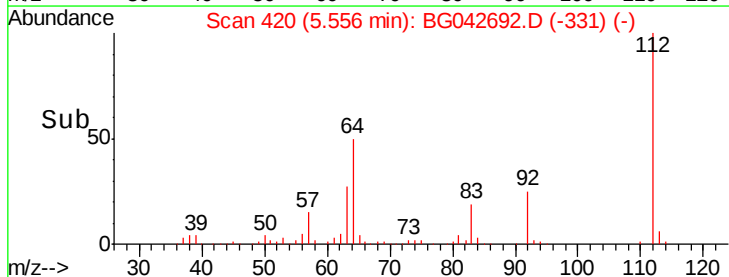
#5

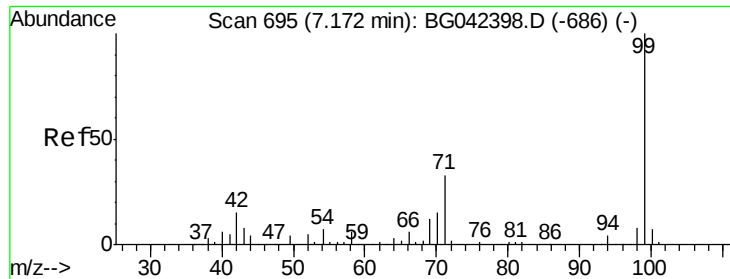
2-Fluorophenol
Concen: 92.903 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Tgt Ion:112 Resp: 155115
Ion Ratio Lower Upper
112 100
64 50.4 42.8 64.2
63 26.6 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: 94.177 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

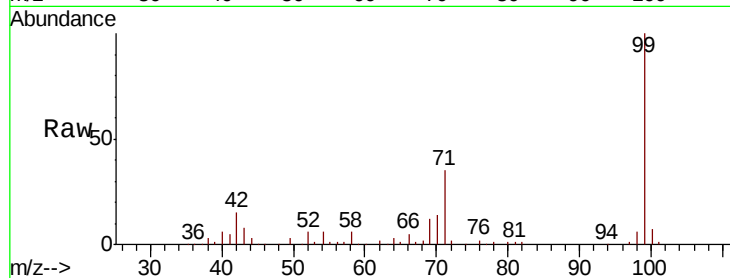
Tot Ion: 99 Resp: 212397

Ion Ratio Lower Upper

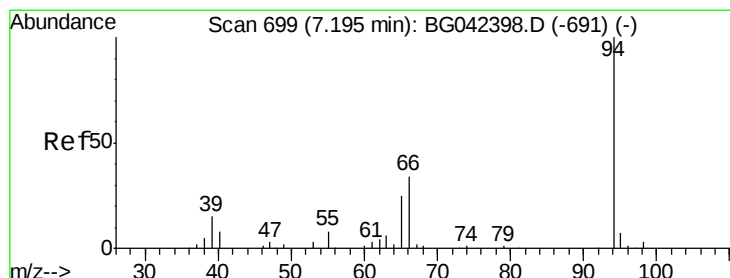
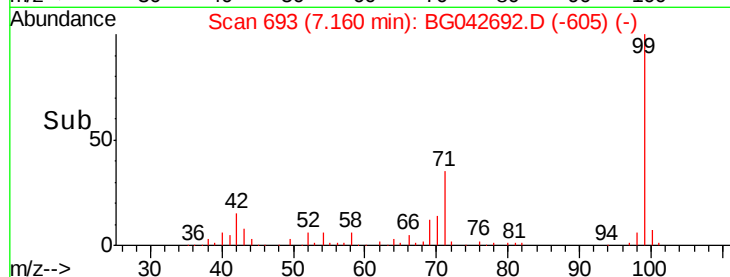
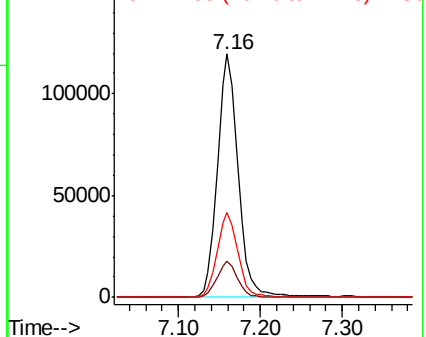
99 100

42 15.0 12.0 18.0

71 34.7 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: 3.061 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

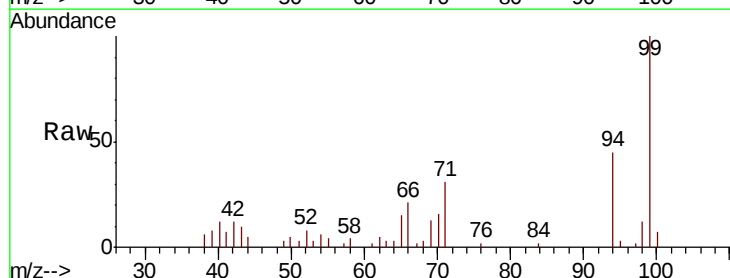
Tgt Ion: 94 Resp: 7018

Ion Ratio Lower Upper

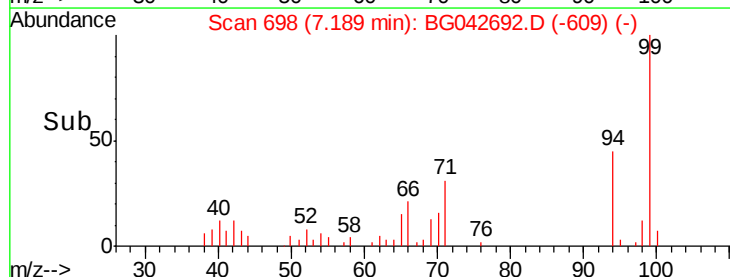
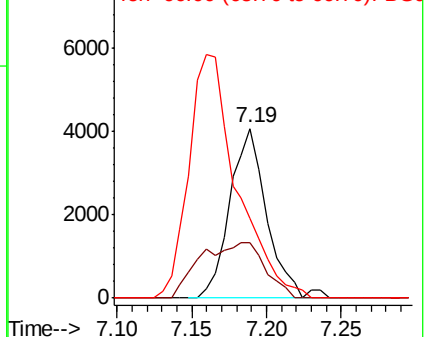
94 100

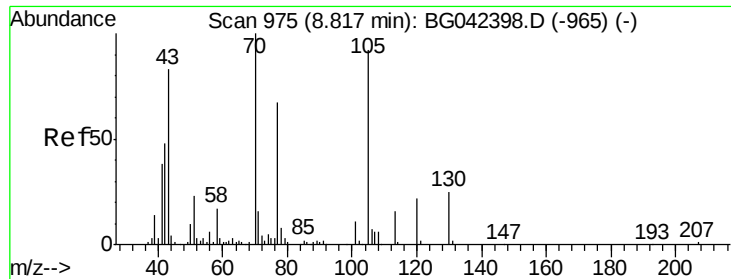
65 32.9 5.6 45.6

66 46.7 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

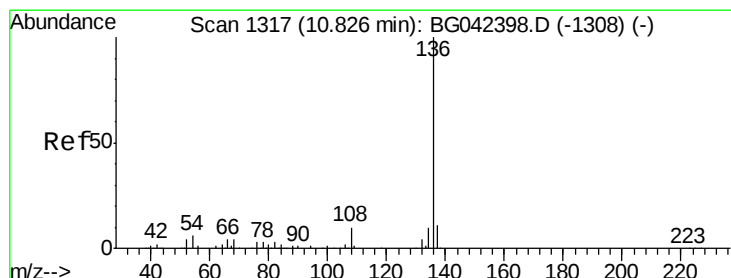
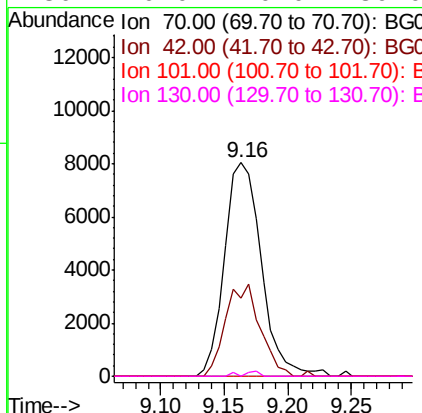
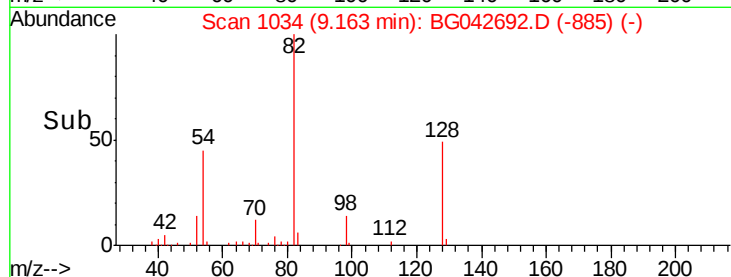
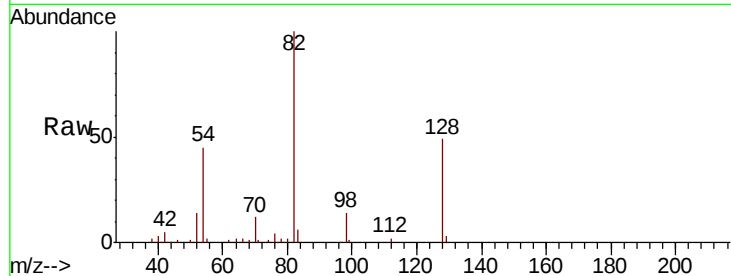




#19
n-Nitroso-di-n-propylamine
Concen: 11.113 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

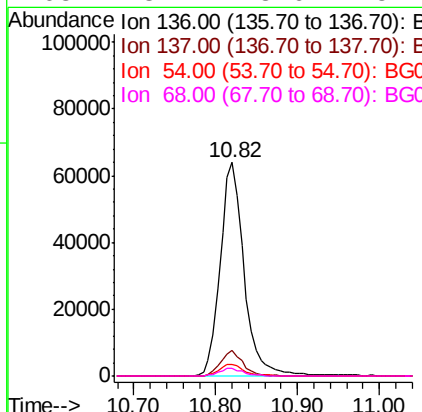
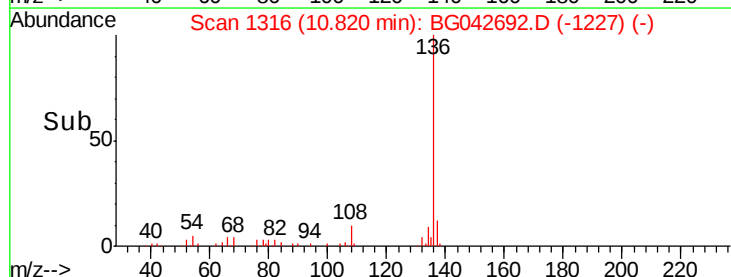
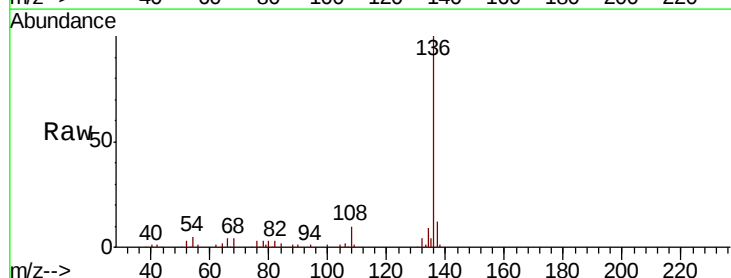
Instrument :
BNA_G
ClientSampleId :

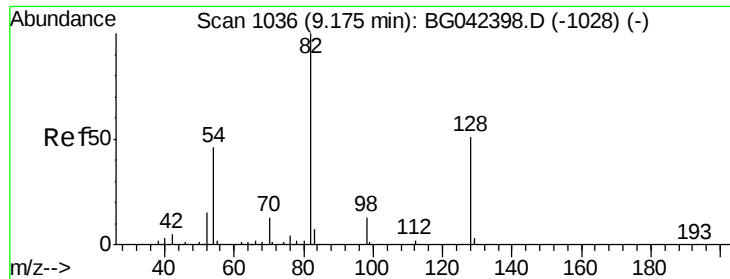
Tot Ion: 70 Resp: 16238
Ion Ratio Lower Upper
70 100
42 36.9 38.8 58.2#
101 0.0 9.0 13.6#
130 0.0 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Tgt Ion: 136 Resp: 130420
Ion Ratio Lower Upper
136 100
137 11.8 8.7 13.1
54 5.2 4.9 7.3
68 3.7 3.6 5.4

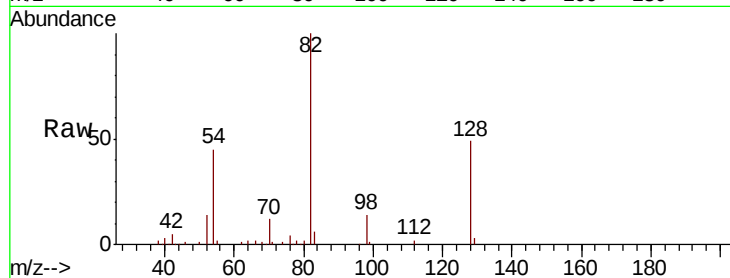




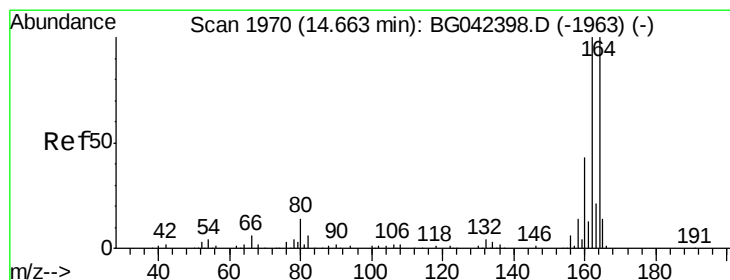
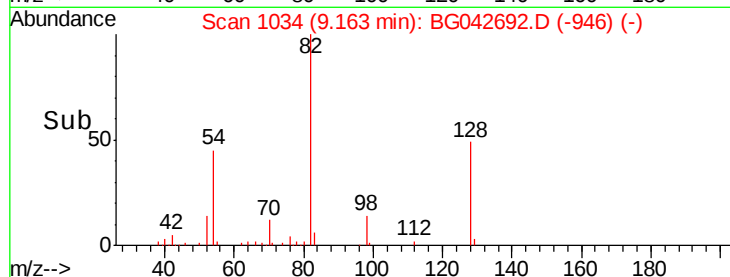
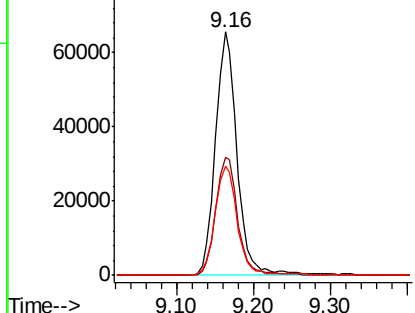
#23
Nitrobenzene-d5
Concen: 67.006 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 126460
Ion Ratio Lower Upper
82 100
128 48.7 40.7 61.1
54 44.9 36.3 54.5

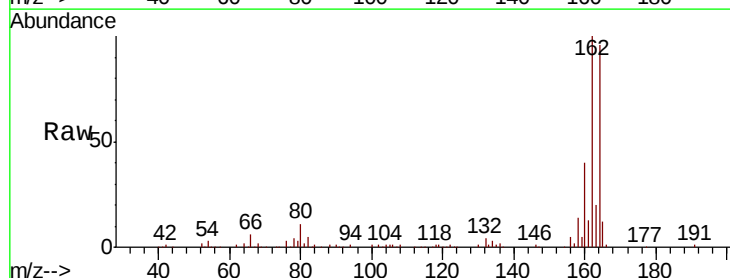


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

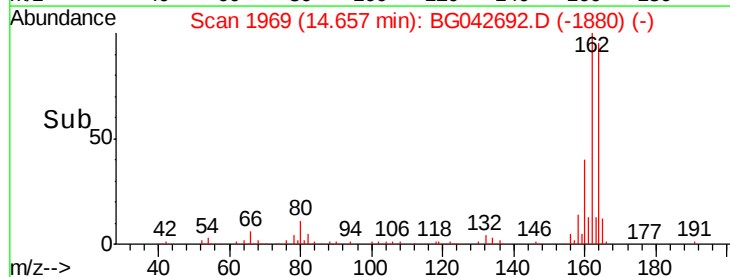
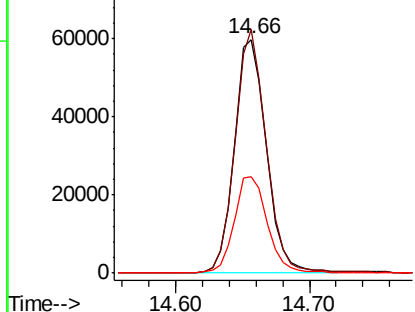


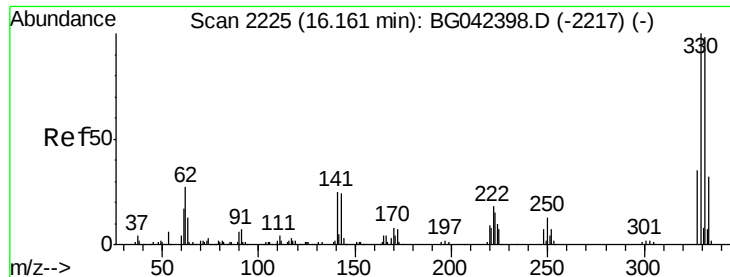
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Tgt Ion:164 Resp: 99752
Ion Ratio Lower Upper
164 100
162 104.3 79.9 119.9
160 41.6 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

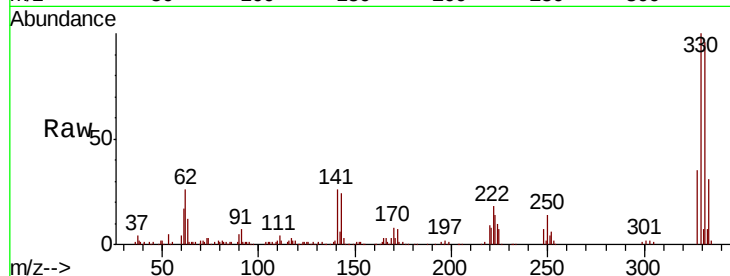




#42
 2,4,6-Tribromophenol
 Concen: 103.049 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042692.D
 Acq: 3 Sep 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	26.3	21.4	32.0

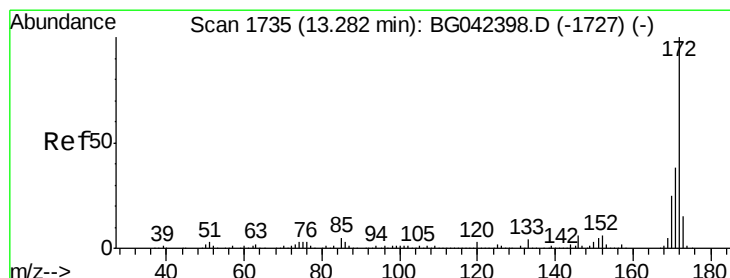
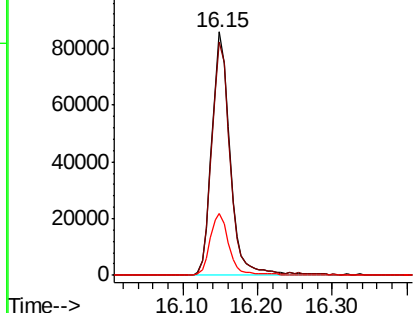
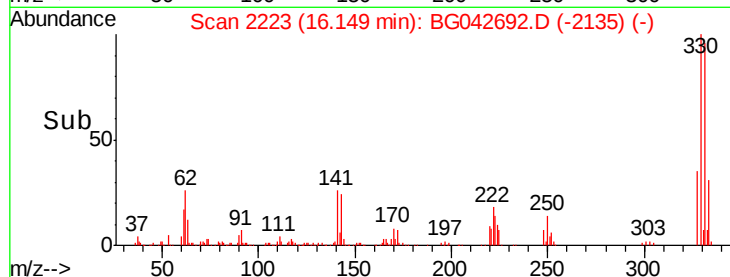


Abundance

Ion 329.80 (329.50 to 330.50): E

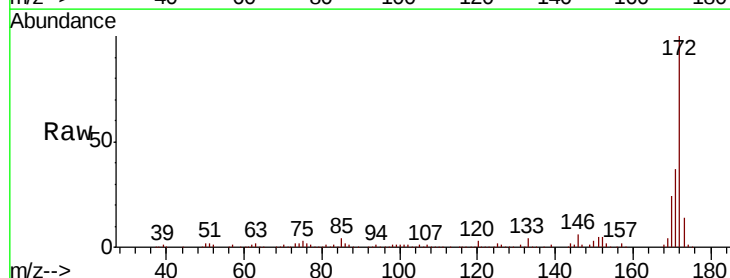
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.192 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042692.D
 Acq: 3 Sep 2019 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.9	20.2	30.2

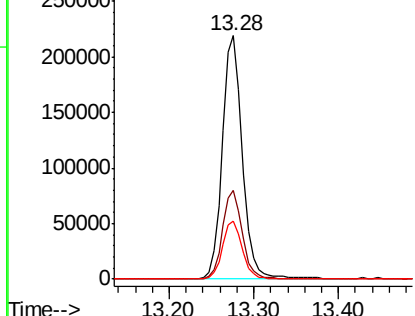
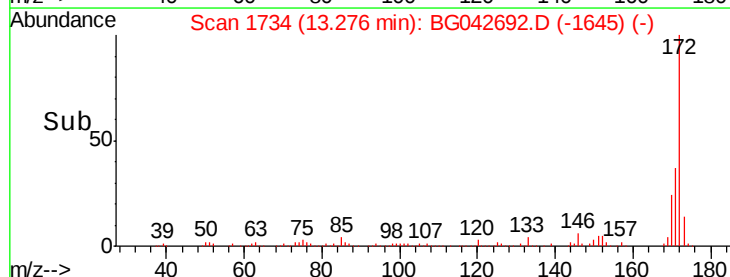


Abundance

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

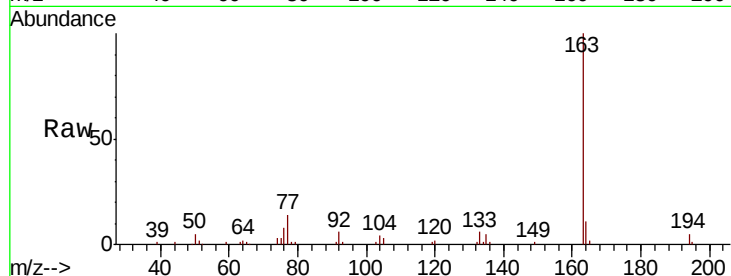




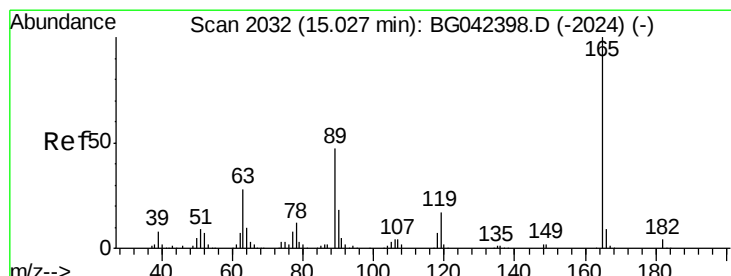
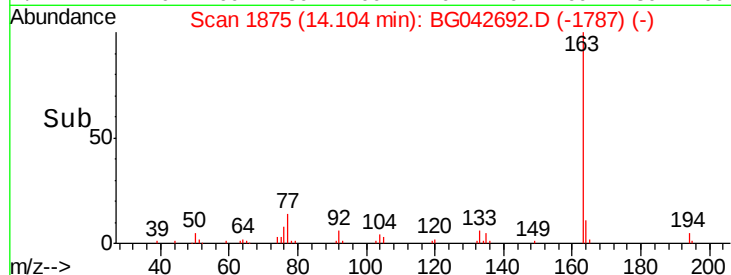
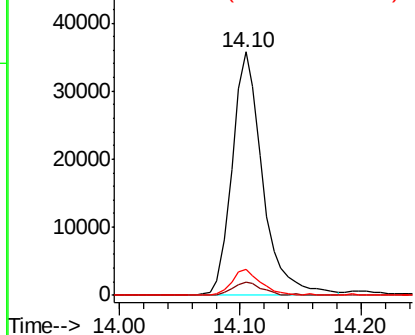
#50
Dimethylphthalate
Concen: 8.747 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 62958
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 10.5 8.8 13.2

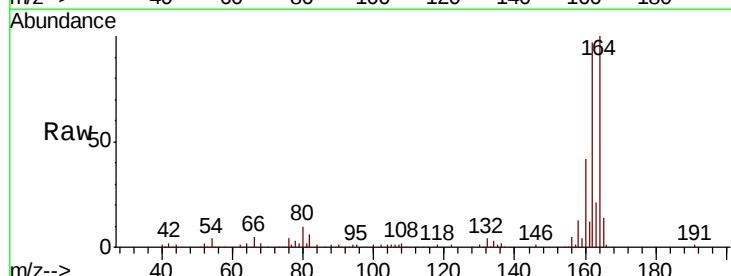


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

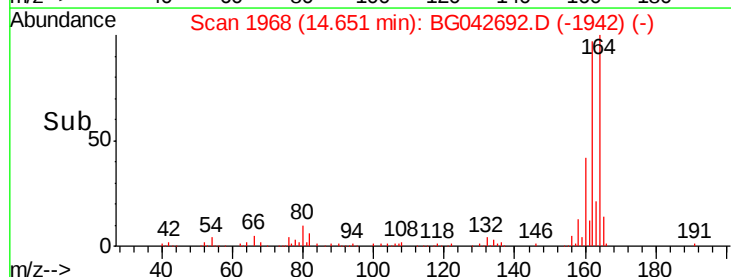
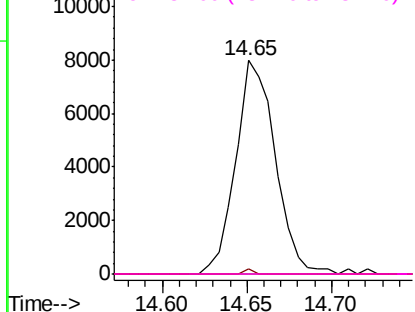


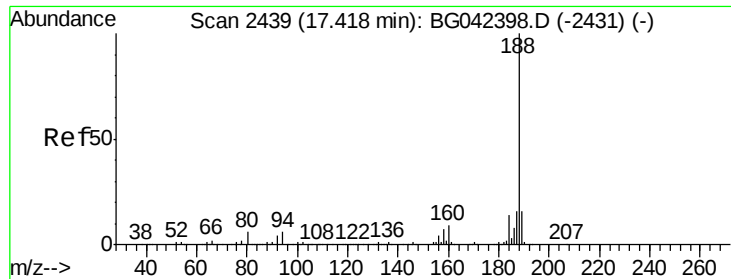
#57
2,4-Dinitrotoluene
Concen: 5.452 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.38 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Tgt Ion:165 Resp: 13026
Ion Ratio Lower Upper
165 100
63 2.3 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# 2438

Delta R.T. -0.01 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

Instrument :

BNA_G

ClientSampleId :

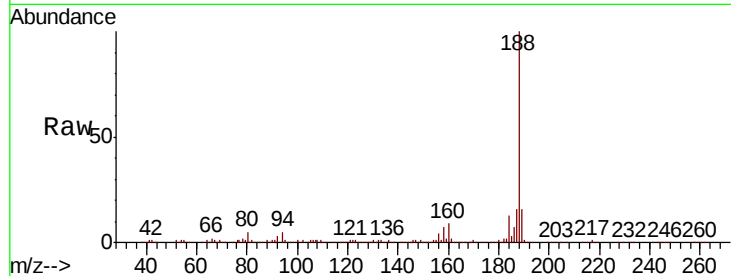
Tot Ion:188 Resp: 231207

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

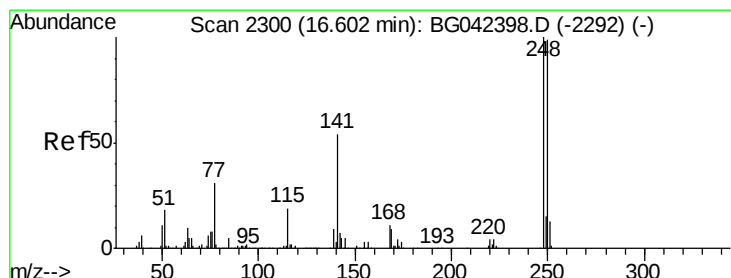
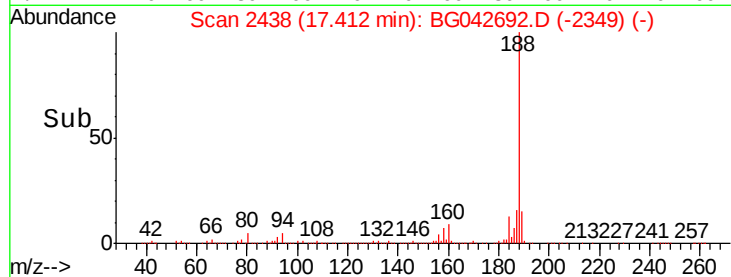
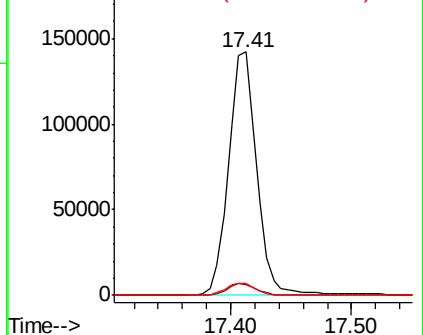
80 4.9 4.9 7.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 3.377 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042692.D

Acq: 3 Sep 2019 17:12

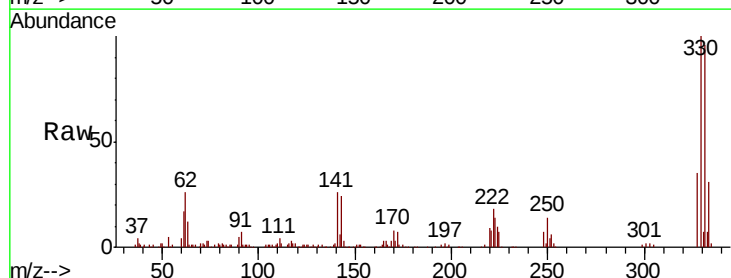
Tgt Ion:248 Resp: 9905

Ion Ratio Lower Upper

248 100

250 196.1 78.9 118.3#

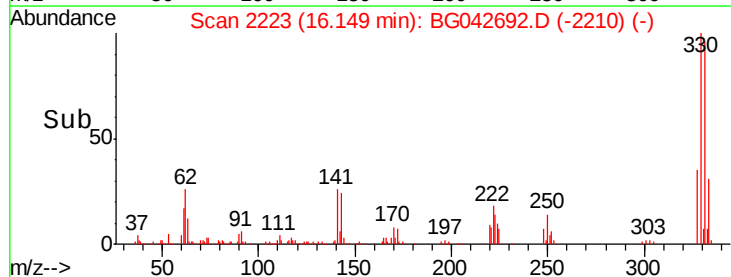
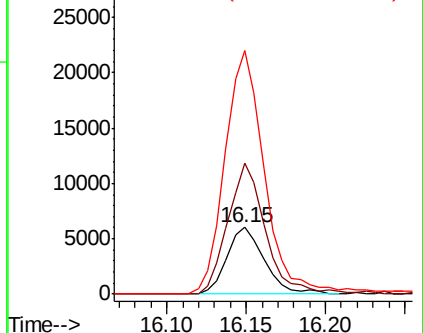
141 363.9 43.3 64.9#



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

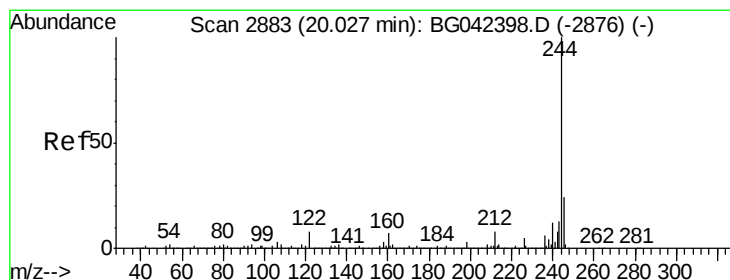
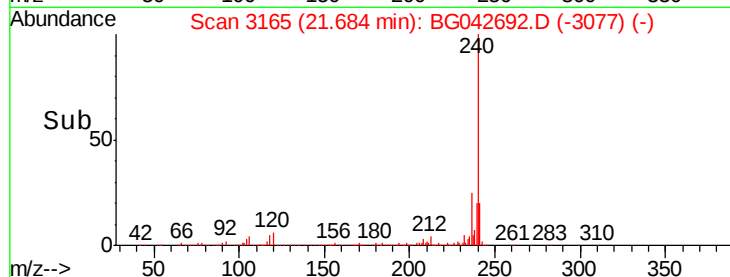
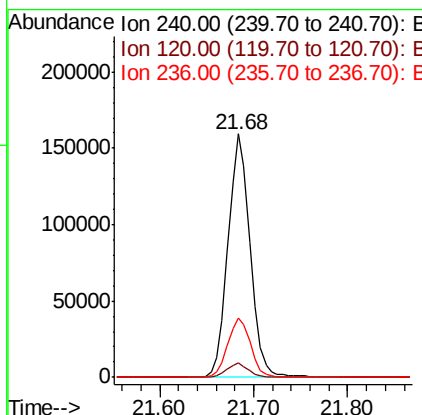
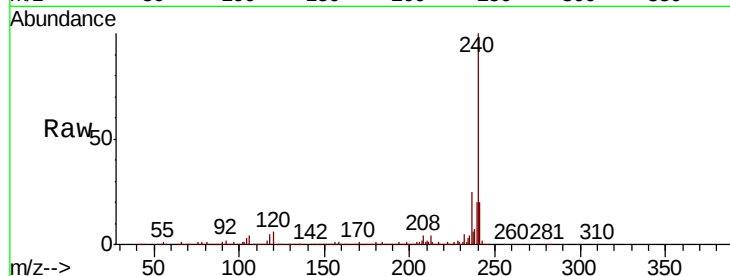




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042692.D
 Acq: 3 Sep 2019 17:12

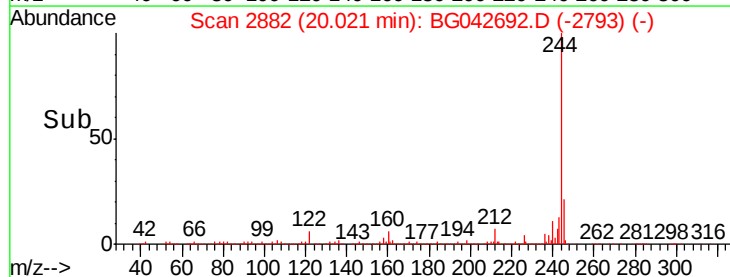
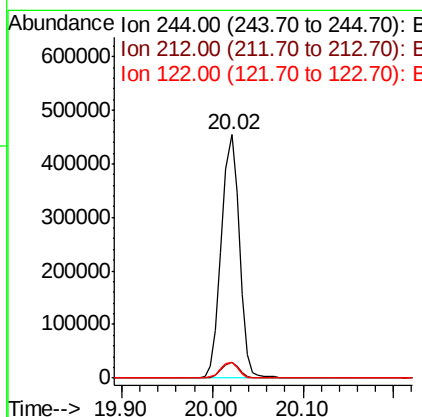
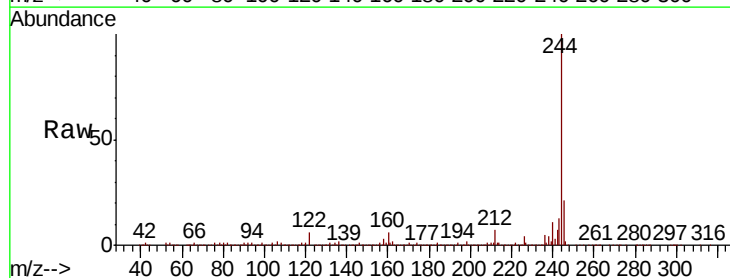
Instrument :
 BNA_G
 ClientSampleId :

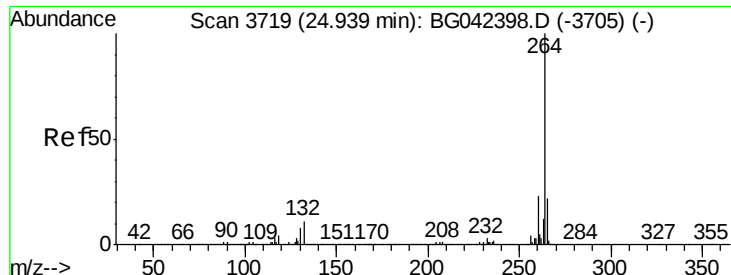
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	24.6	21.0	31.4



#79
 Terphenyl-d14
 Concen: 51.991 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042692.D
 Acq: 3 Sep 2019 17:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	6.2	6.7	10.1#

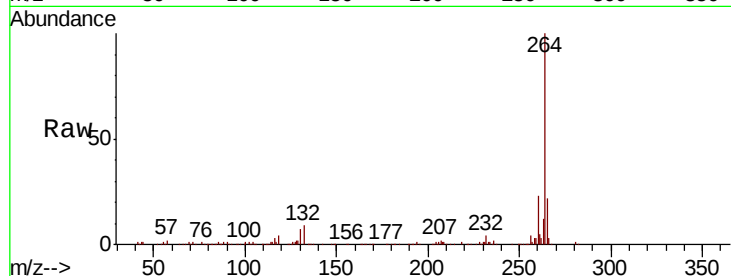




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042692.D
Acq: 3 Sep 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	22.3	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

