

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042670.D
 Acq On : 1 Sep 2019 20:32
 Operator : HP/JU
 Sample : K4554-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:30:00 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

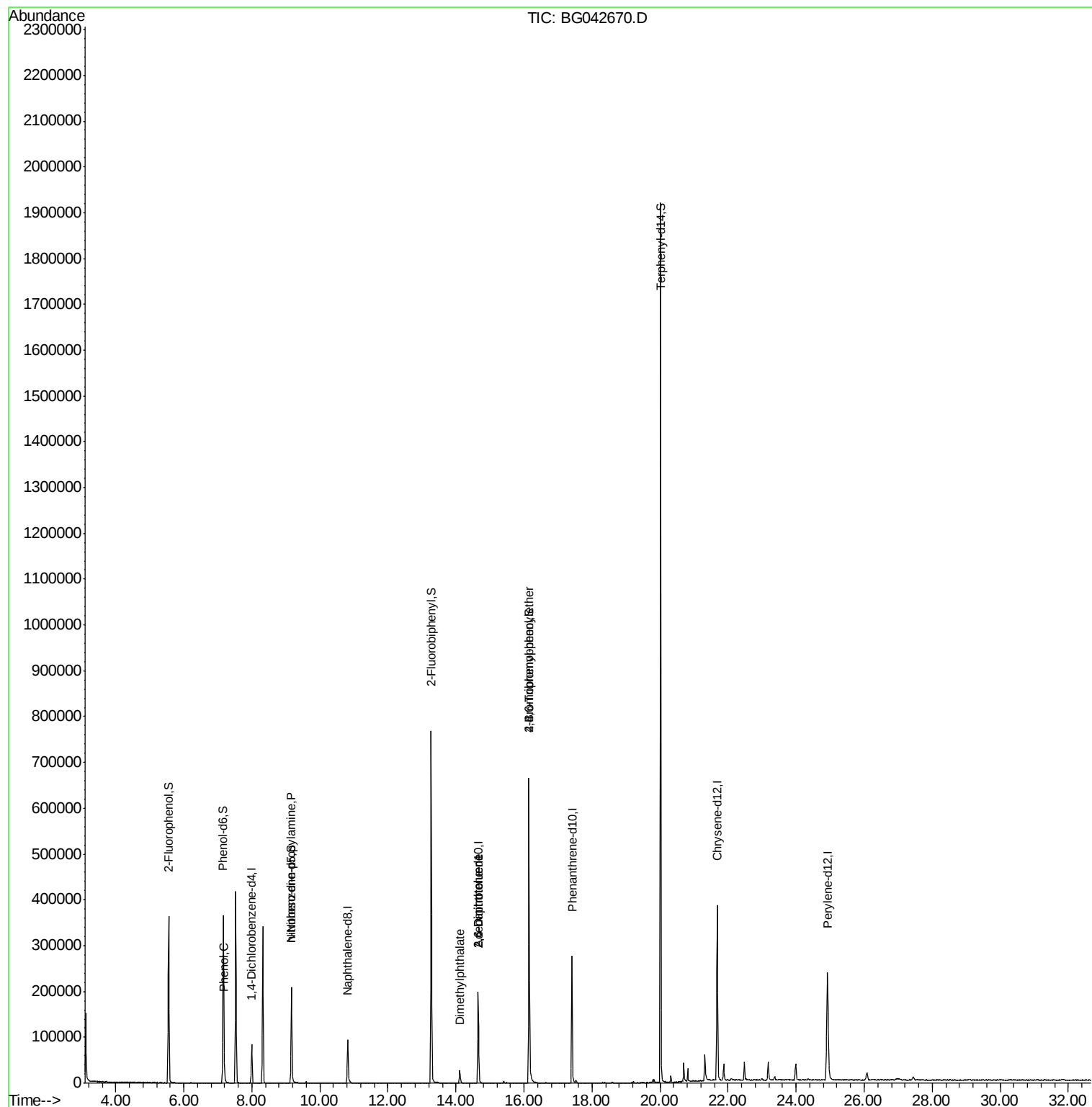
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29139	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	110506	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	84920	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	221483	20.00	ng	0.00
76) Chrysene-d12	21.68	240	257064	20.00	ng	-0.01
87) Perylene-d12	24.92	264	296755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	185718	129.08	ng	0.00
7) Phenol-d6	7.16	99	251175	129.24	ng	-0.01
23) Nitrobenzene-d5	9.16	82	143763	89.90	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	184343	152.73	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	475087	94.62	ng	0.00
79) Terphenyl-d14	20.02	244	1017238	85.55	ng	0.00
Target Compounds						
10) Phenol	7.19	94	20995	10.625	ng	86
19) n-Nitroso-di-n-propylamine	9.17	70	19119	15.185	ng	# 76
50) Dimethylphthalate	14.11	163	36033	5.881	ng	97
51) 2,6-Dinitrotoluene	14.65	165	11248	7.920	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	11248	5.531	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12234	4.355	ng	# 1

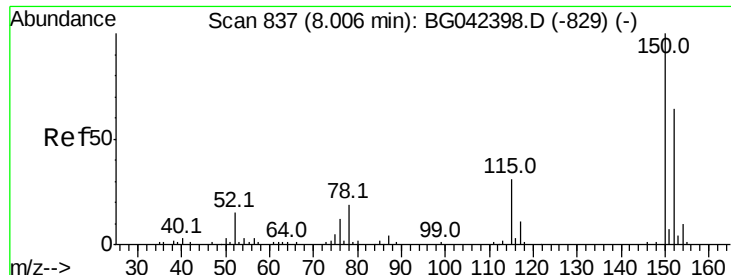
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 02 07:30:00 2019
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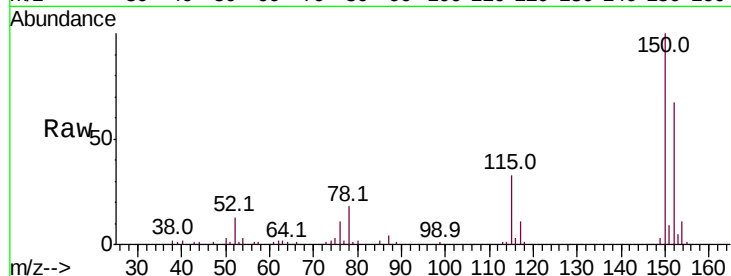


#1

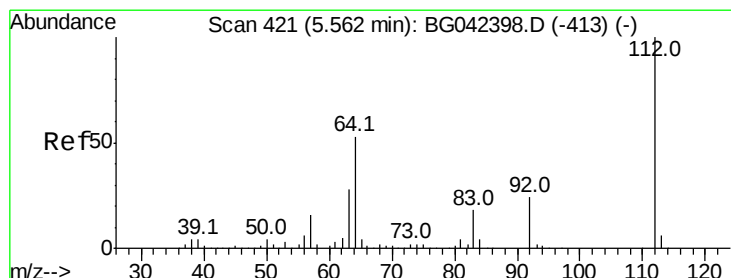
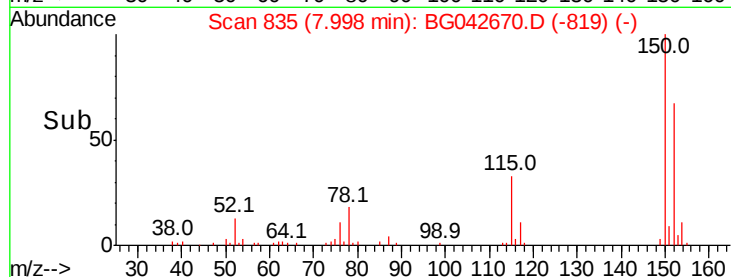
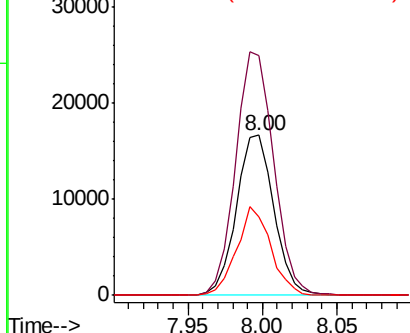
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 29139
 Ion Ratio Lower Upper
 152 100
 150 149.5 125.4 188.0
 115 48.7 38.5 57.7



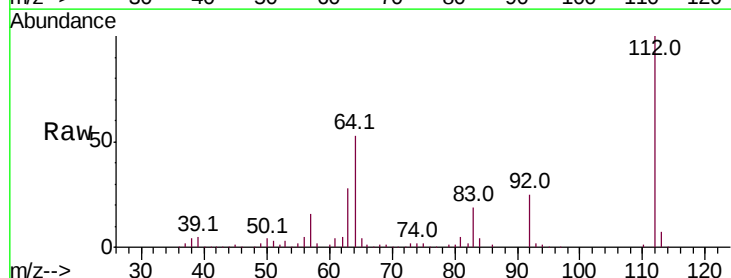
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



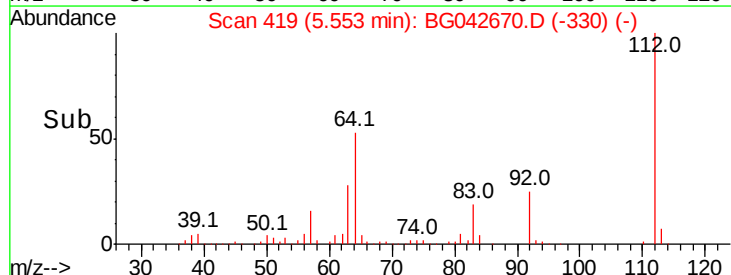
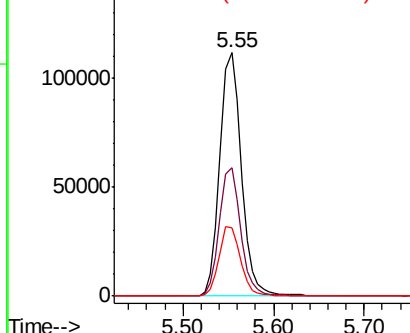
#5

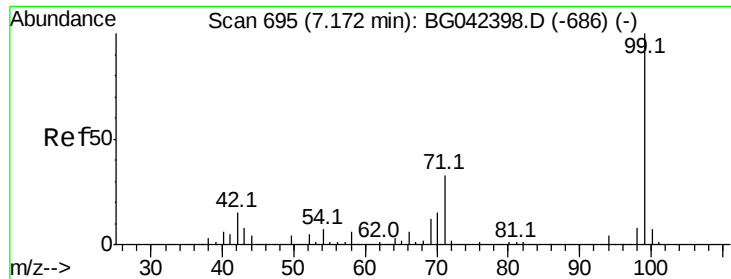
2-Fluorophenol
 Concen: 129.082 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Tgt Ion:112 Resp: 185718
 Ion Ratio Lower Upper
 112 100
 64 52.9 42.8 64.2
 63 28.1 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: 129.243 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

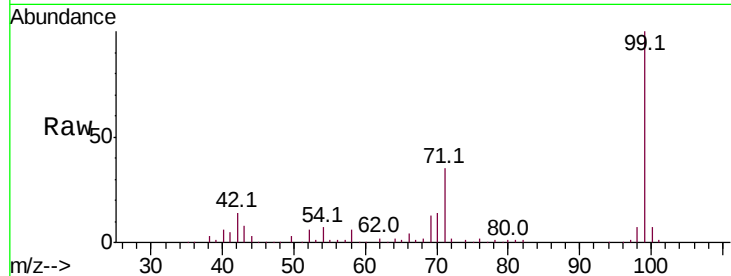
Tot Ion: 99 Resp: 251175

Ion Ratio Lower Upper

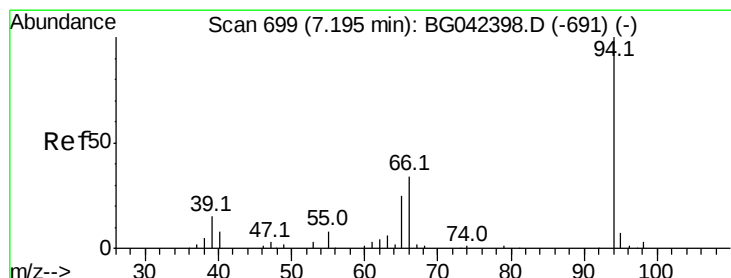
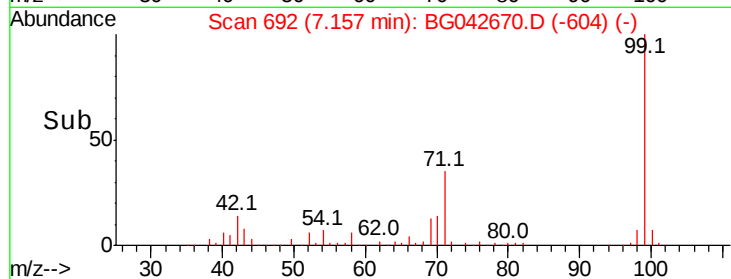
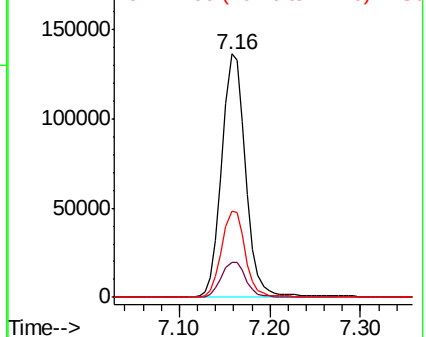
99 100

42 14.4 12.0 18.0

71 35.5 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: 10.625 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

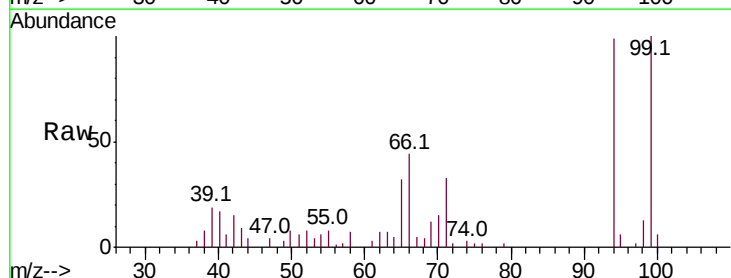
Tgt Ion: 94 Resp: 20995

Ion Ratio Lower Upper

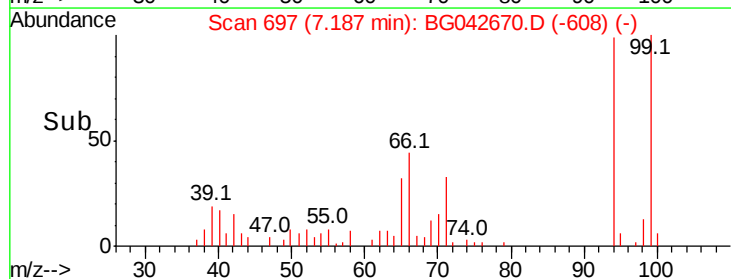
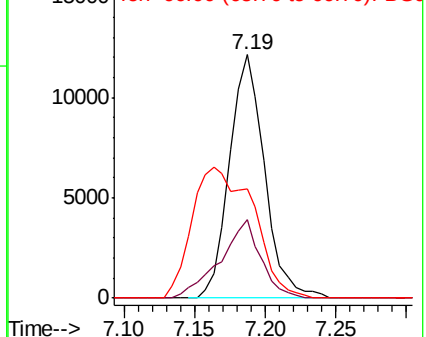
94 100

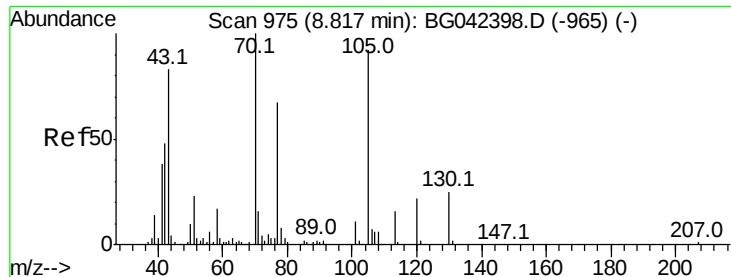
65 32.4 5.6 45.6

66 44.7 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

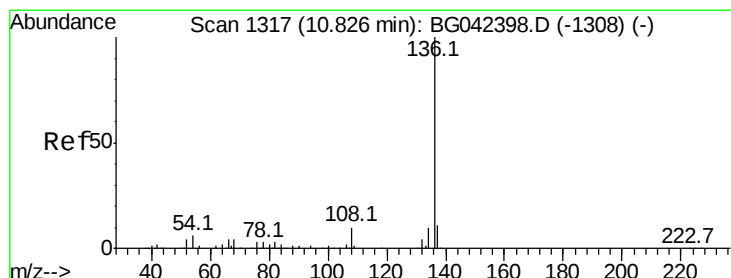
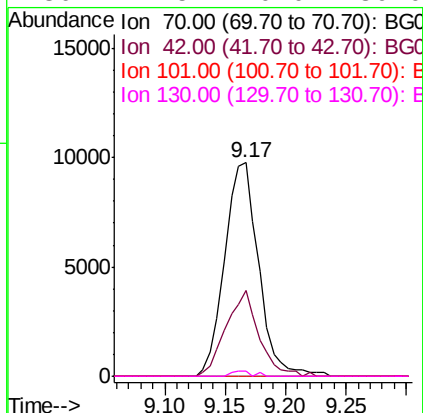
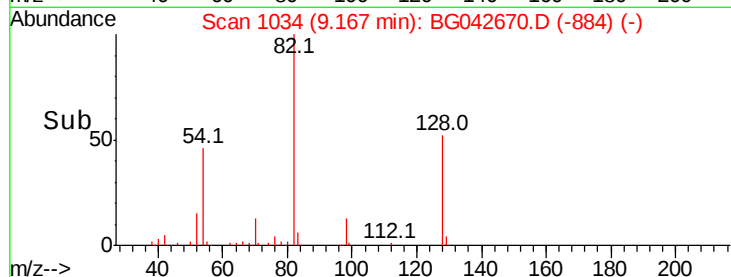
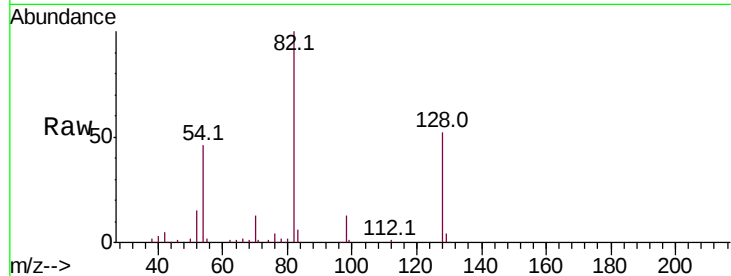




#19
n-Nitroso-di-n-propylamine
Concen: 15.185 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

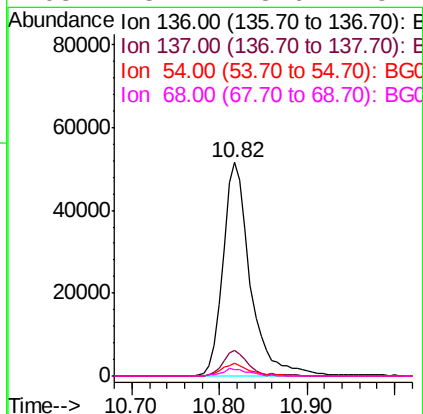
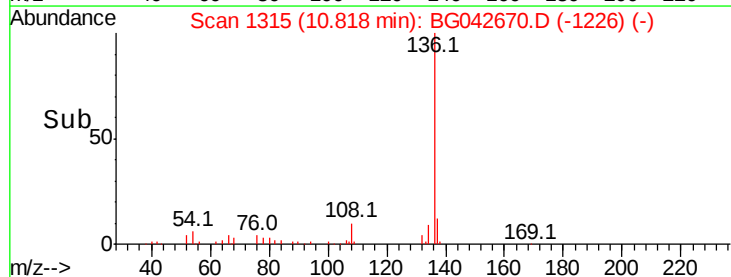
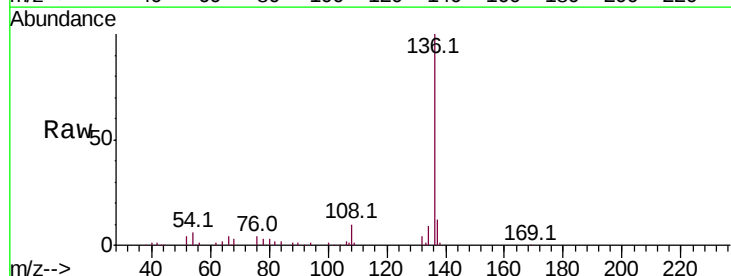
Instrument :
BNA_G
ClientSampleId :

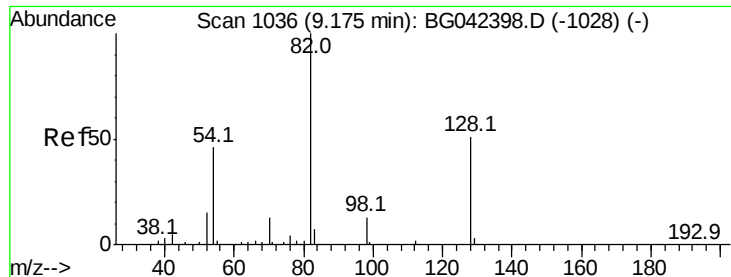
Tot Ion: 70 Resp: 19119
Ion Ratio Lower Upper
70 100
42 40.2 38.8 58.2
101 0.0 9.0 13.6#
130 2.5 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion:136 Resp: 110506
Ion Ratio Lower Upper
136 100
137 12.2 8.7 13.1
54 6.2 4.9 7.3
68 3.2 3.6 5.4#

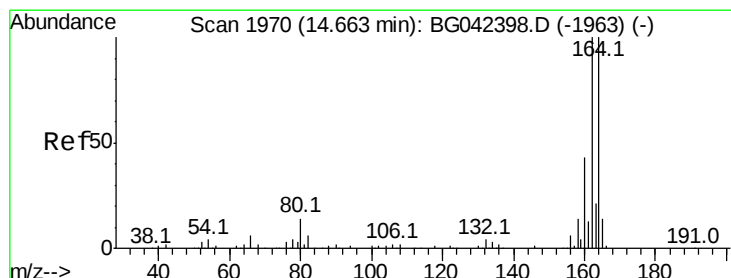
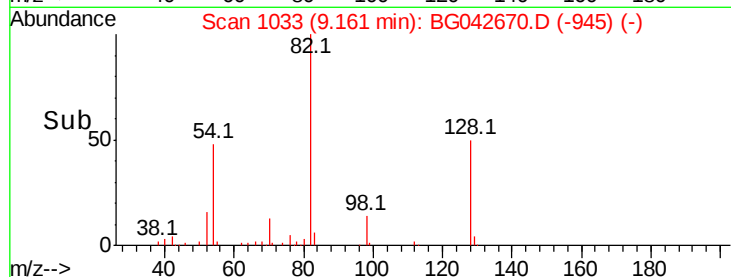
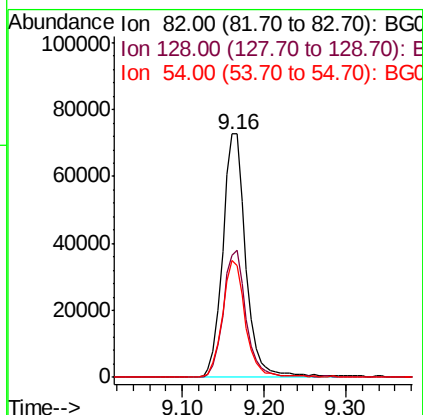
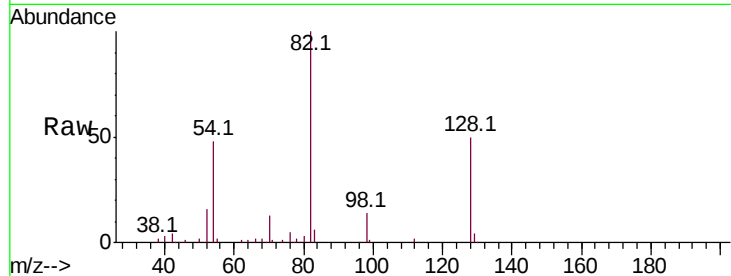




#23
Nitrobenzene-d5
Concen: 89.901 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

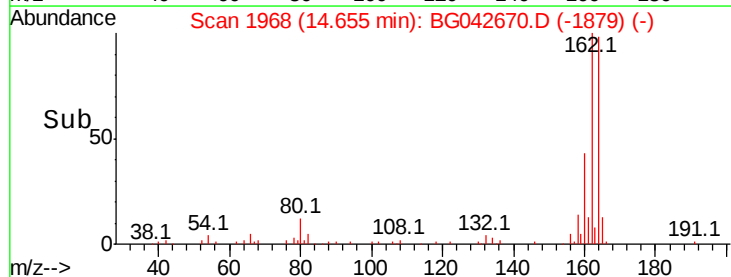
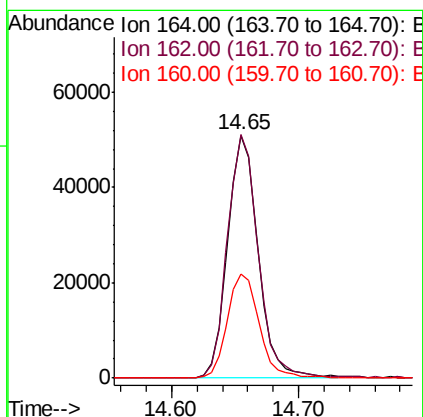
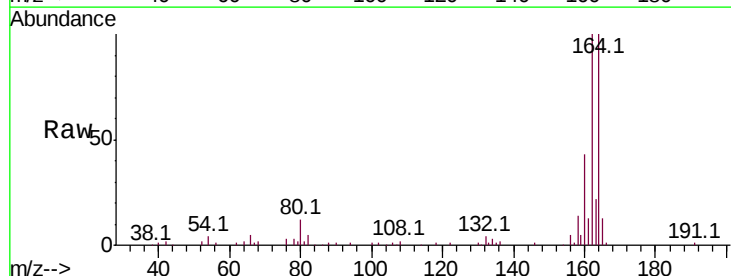
Instrument :
BNA_G
ClientSampled :

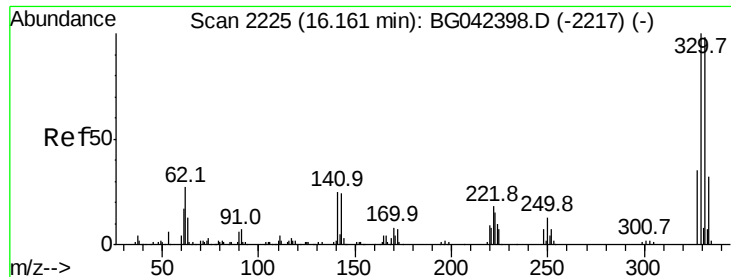
Tot Ion: 82 Resp: 143763
Ion Ratio Lower Upper
82 100
128 50.1 40.7 61.1
54 47.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion:164 Resp: 84920
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 43.1 34.3 51.5

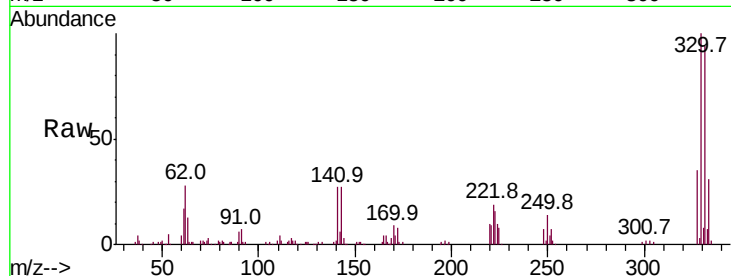




#42
 2,4,6-Tribromophenol
 Concen: 152.728 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	26.5	21.4	32.0

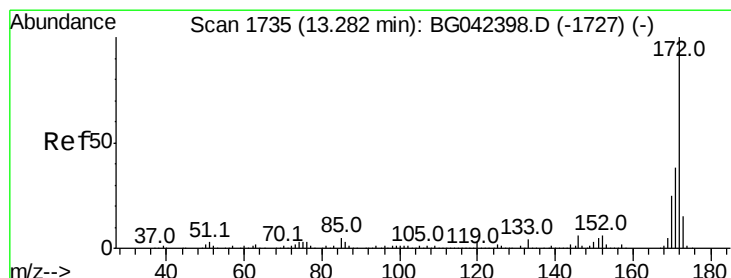
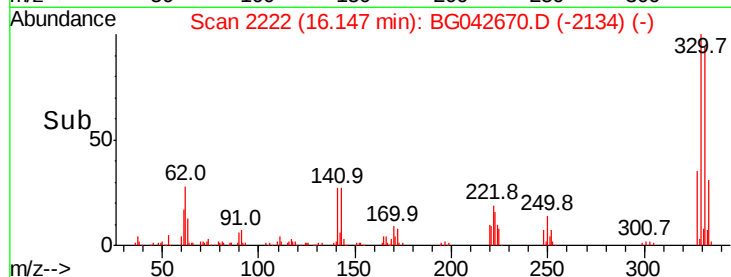
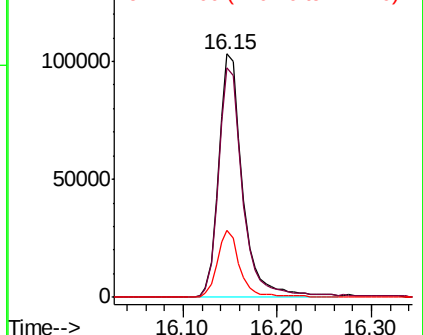


Abundance

Ion 329.80 (329.50 to 330.50): E

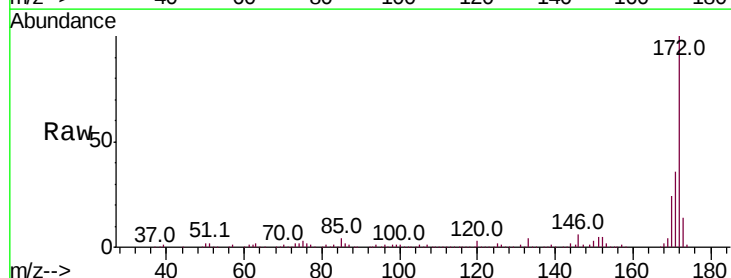
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.619 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	24.0	20.2	30.2

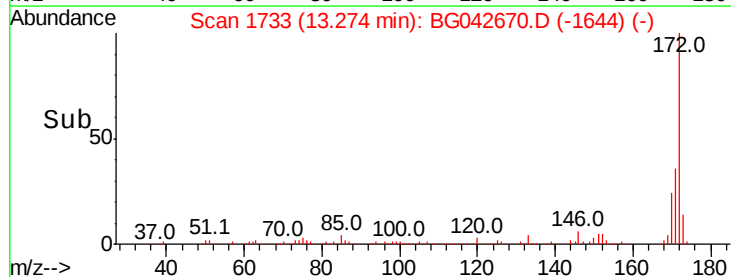
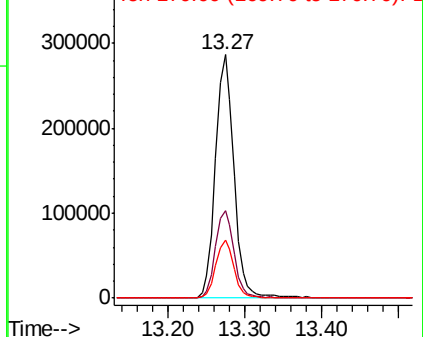


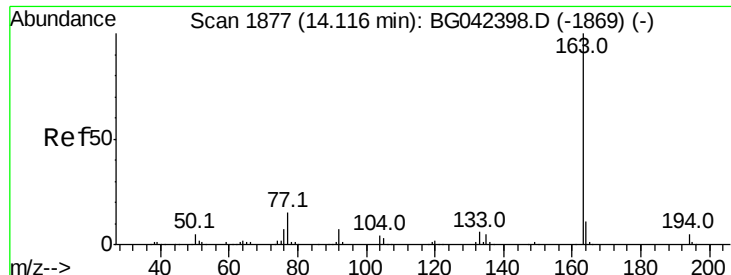
Abundance

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

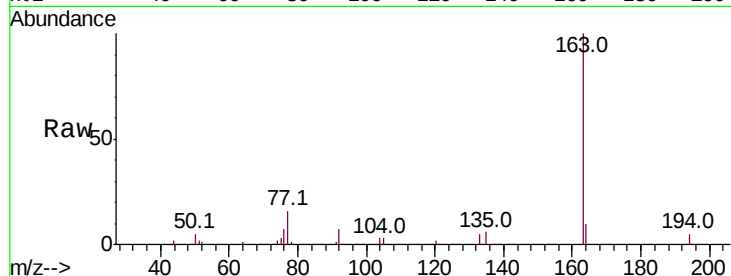




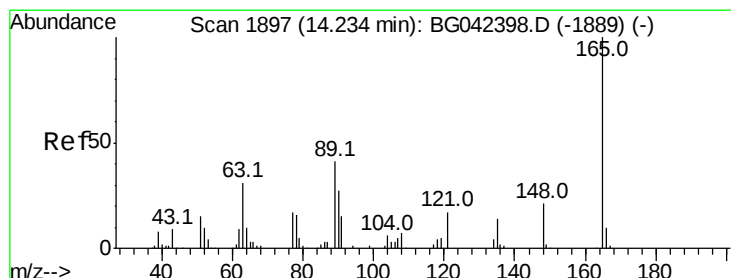
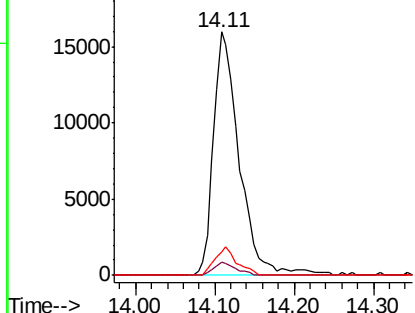
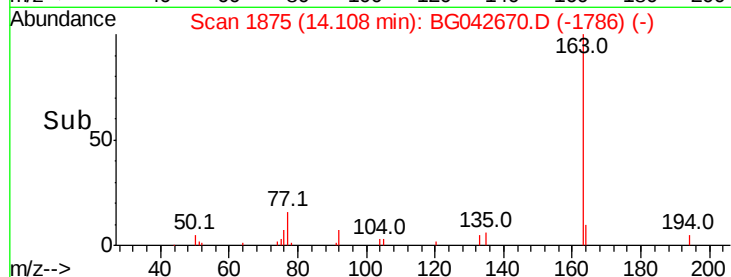
#50
Dimethylphthalate
Concen: 5.881 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 36033
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 9.6 8.8 13.2

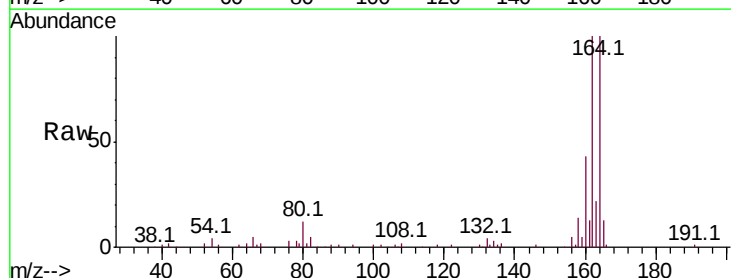


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

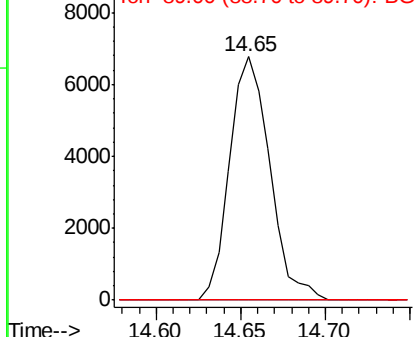
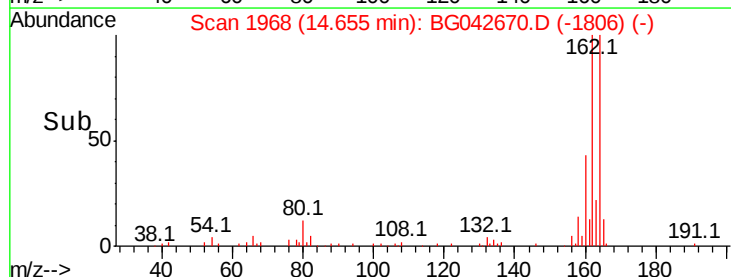


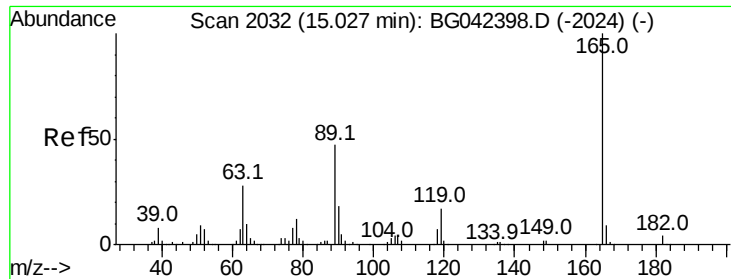
#51
2,6-Dinitrotoluene
Concen: 7.920 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.42 min
Lab File: BG042670.D
Acq: 1 Sep 2019 20:32

Tgt Ion:165 Resp: 11248
Ion Ratio Lower Upper
165 100
63 0.0 30.6 45.8#
89 0.0 32.6 49.0#



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

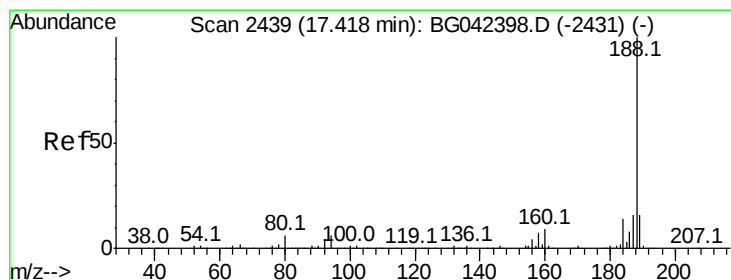
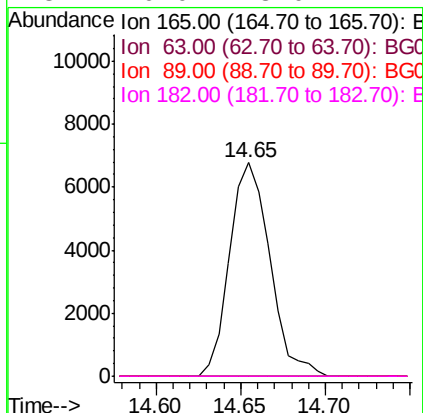
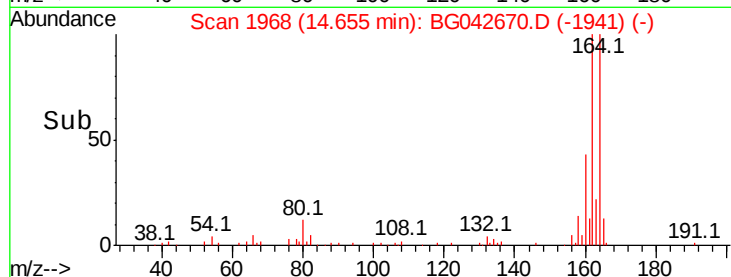
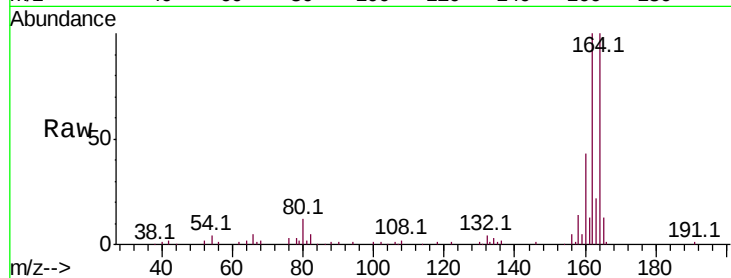




#57
 2,4-Dinitrotoluene
 Concen: 5.531 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.37 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

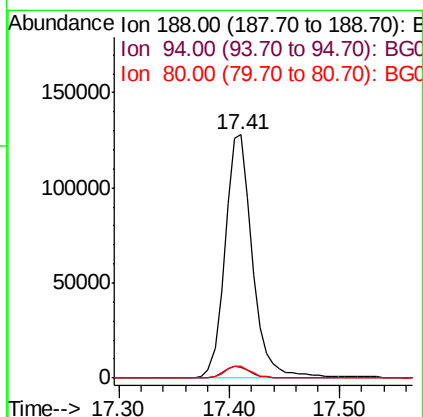
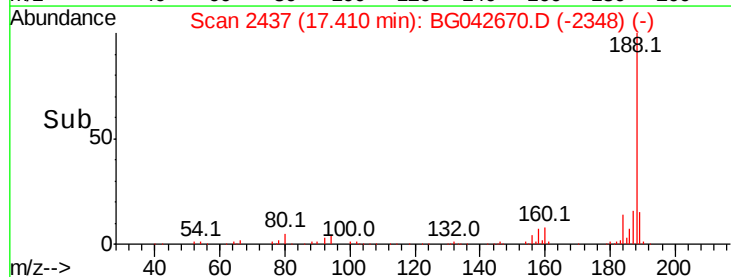
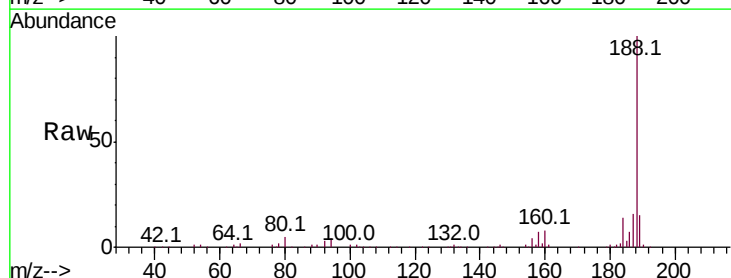
Instrument :
 BNA_G
 ClientSampled :

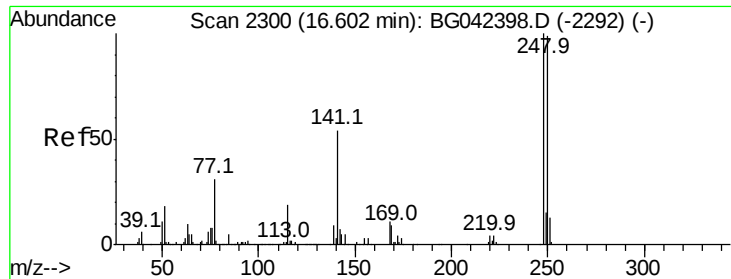
Tot Ion:165 Resp: 11248
 Ion Ratio Lower Upper
 165 100
 63 0.0 22.5 33.7#
 89 0.0 37.8 56.6#
 182 0.0 3.0 4.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Tgt Ion:188 Resp: 221483
 Ion Ratio Lower Upper
 188 100
 94 4.2 4.5 6.7#
 80 4.8 4.9 7.3#

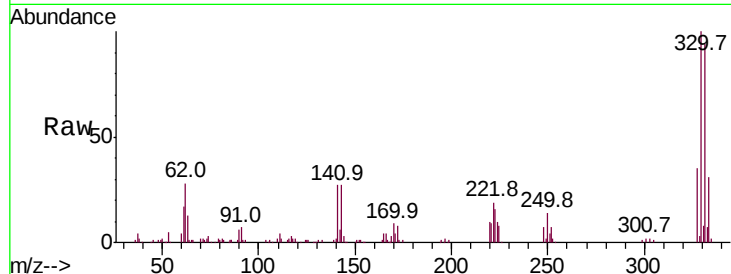




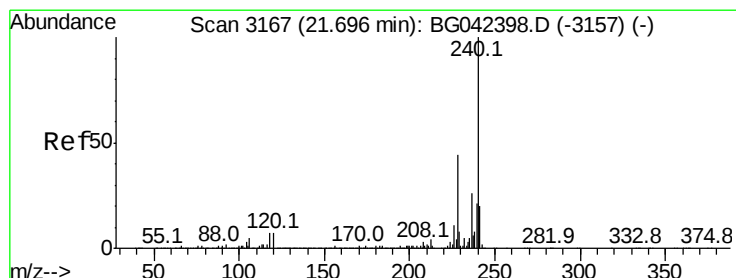
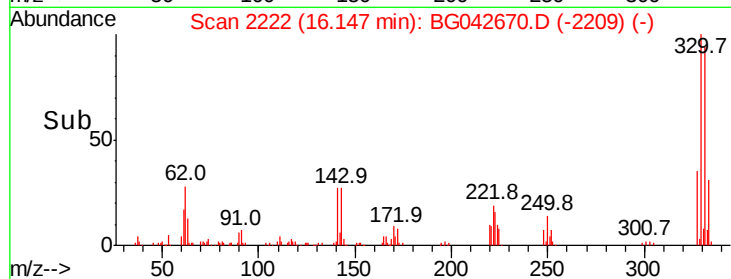
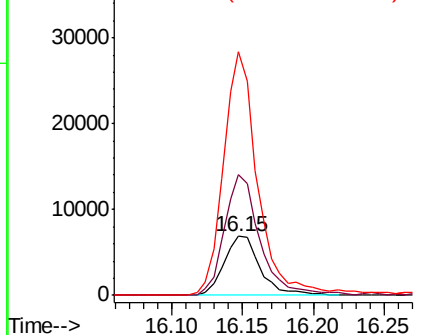
#67
 4-Bromophenyl-phenylether
 Concen: 4.355 ng
 RT: 16.15 min Scan# 2222
 Delta R.T. -0.45 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 12234
 Ion Ratio Lower Upper
 248 100
 250 204.9 78.9 118.3#
 141 414.5 43.3 64.9#

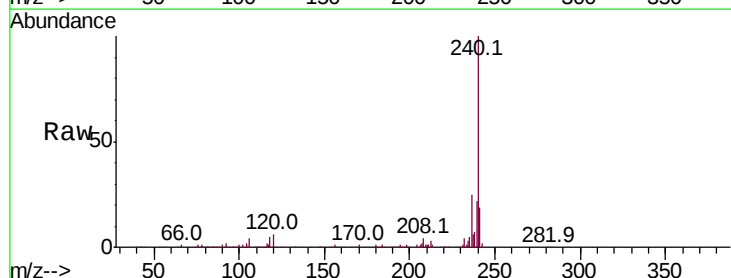


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

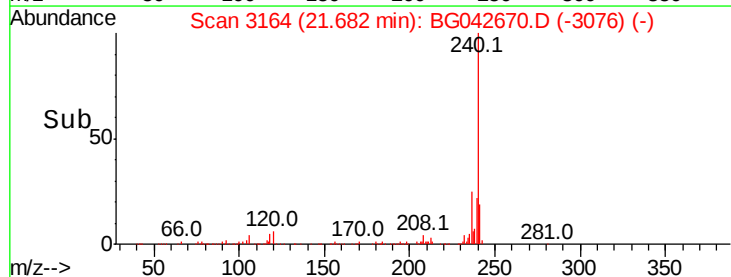
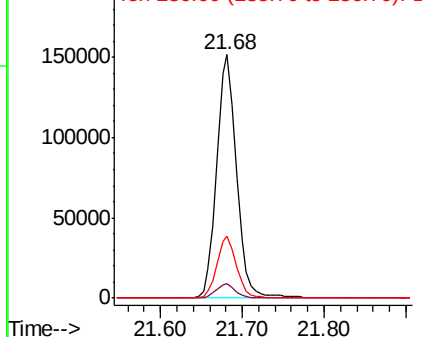


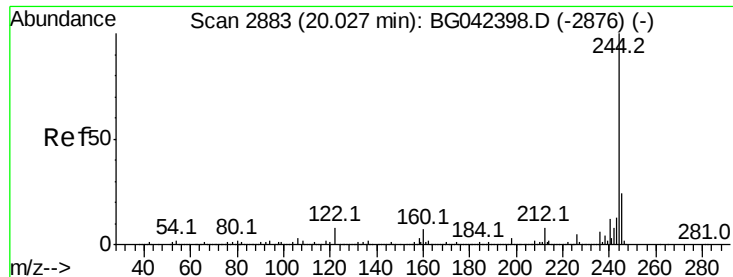
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.01 min
 Lab File: BG042670.D
 Acq: 1 Sep 2019 20:32

Tgt Ion:240 Resp: 257064
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.7 8.5
 236 25.2 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: 85.550 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

Instrument :

BNA_G

ClientSampleId :

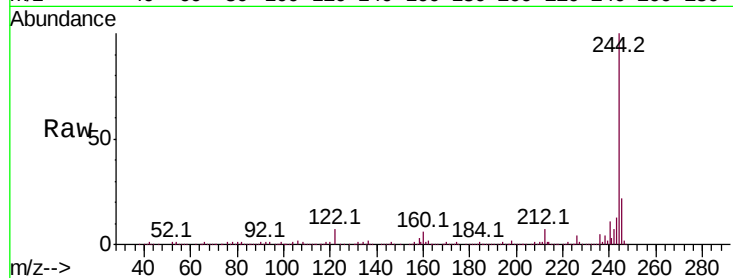
Tot Ion:244 Resp: 1017238

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

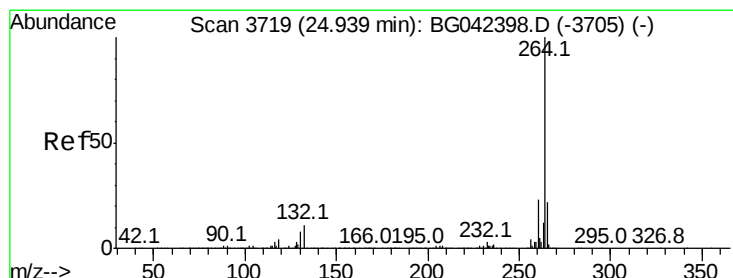
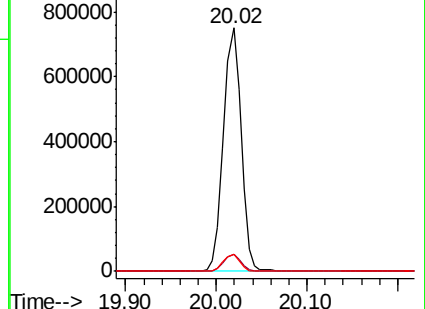
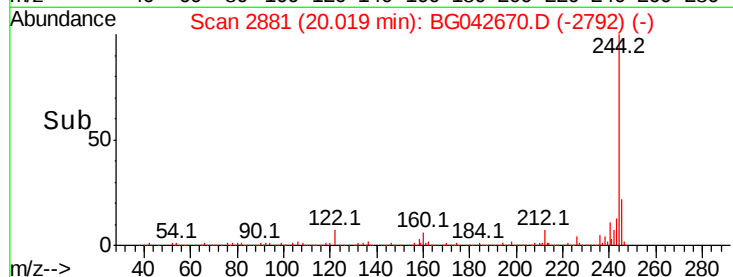
122 6.9 6.7 10.1



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: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG042670.D

Acq: 1 Sep 2019 20:32

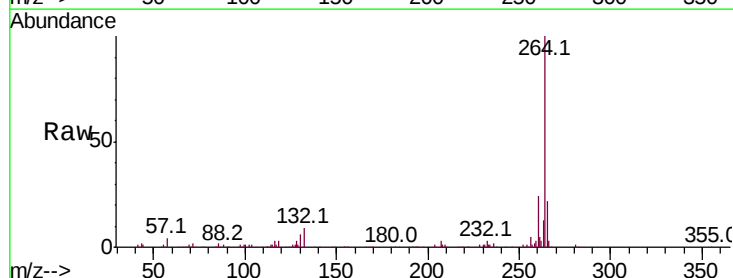
Tgt Ion:264 Resp: 296755

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.6 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

