

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042547.D
 Acq On : 29 Aug 2019 00:27
 Operator : HP/JU
 Sample : K4571-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 06:01:02 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

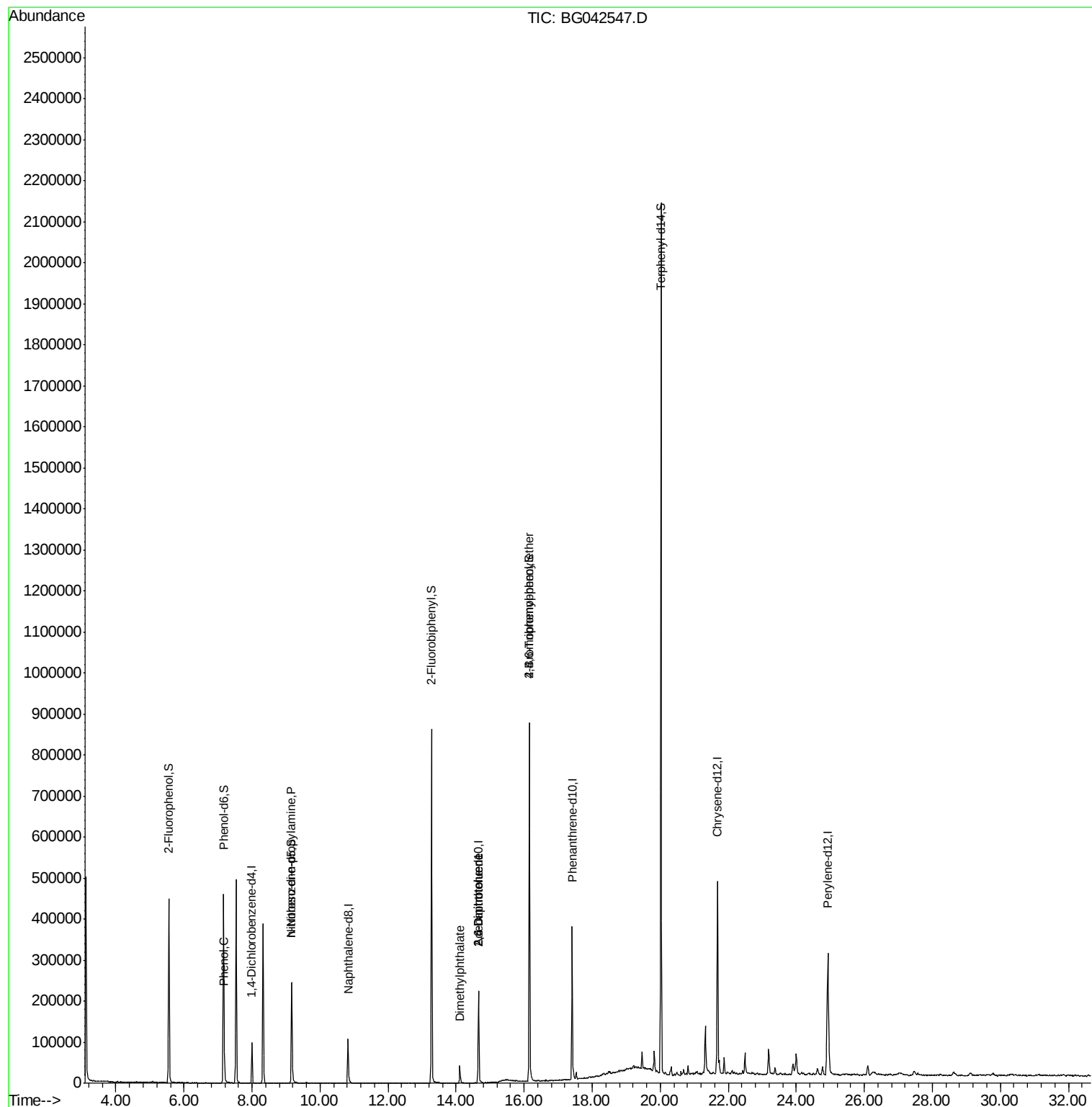
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	31946	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	123147	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97594	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	258612	20.00	ng	0.00
76) Chrysene-d12	21.68	240	301684	20.00	ng	-0.01
87) Perylene-d12	24.93	264	356417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	235478	149.29	ng	0.00
7) Phenol-d6	7.16	99	313611	147.19	ng	0.00
23) Nitrobenzene-d5	9.16	82	174573	97.96	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	232393	167.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	530556	91.94	ng	0.00
79) Terphenyl-d14	20.02	244	1132344	81.15	ng	0.00
Target Compounds						
10) Phenol	7.19	94	17564	8.108	ng	86
19) n-Nitroso-di-n-propylamine	9.17	70	22911	16.598	ng	# 72
50) Dimethylphthalate	14.11	163	44040	6.254	ng	99
51) 2,6-Dinitrotoluene	14.66	165	12635	7.741	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	12635	5.406	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	15624	4.763	ng	# 1

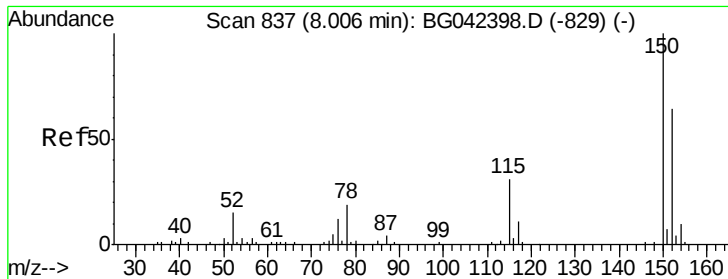
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042547.D
Acq On : 29 Aug 2019 00:27
Operator : HP/JU
Sample : K4571-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 29 06:01:02 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



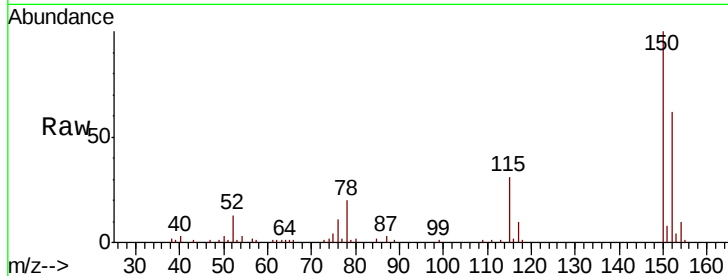


#1

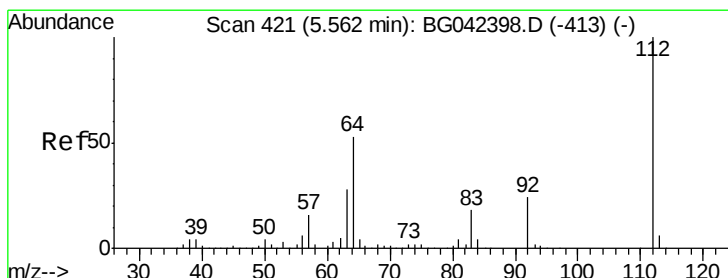
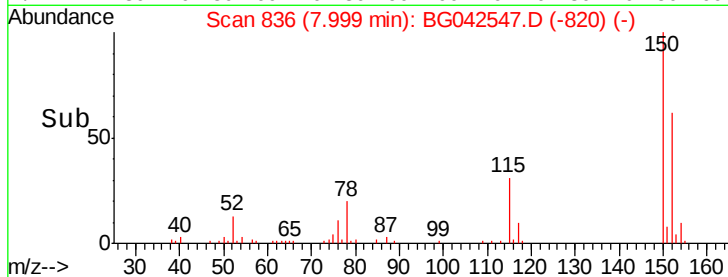
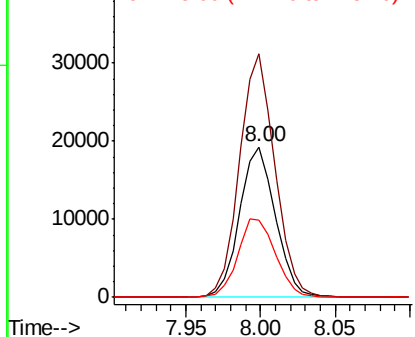
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042547.D
Acq: 29 Aug 2019 00:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31946
Ion Ratio Lower Upper
152 100
150 162.2 125.4 188.0
115 51.1 38.5 57.7



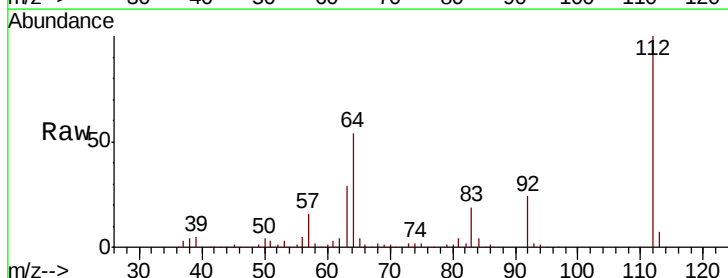
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



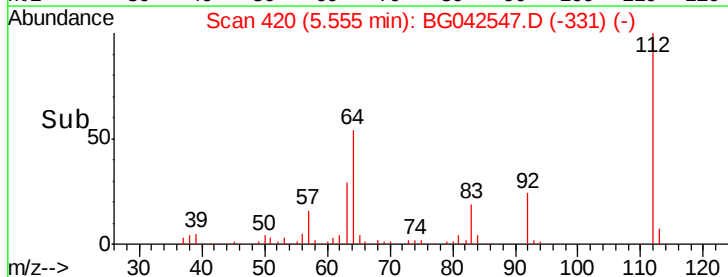
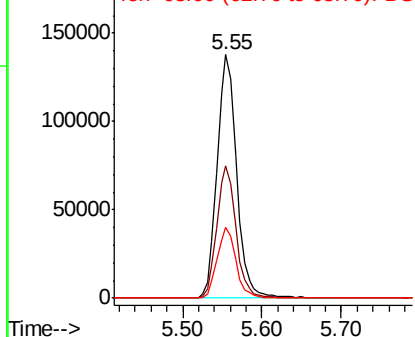
#5

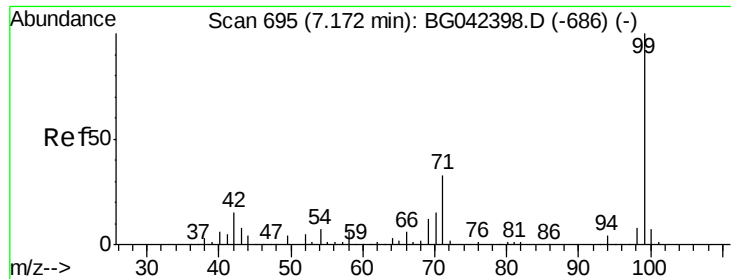
2-Fluorophenol
Concen: 149.287 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042547.D
Acq: 29 Aug 2019 00:27

Tgt Ion:112 Resp: 235478
Ion Ratio Lower Upper
112 100
64 54.2 42.8 64.2
63 28.9 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: 147.190 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

Instrument :

BNA_G

ClientSampleId :

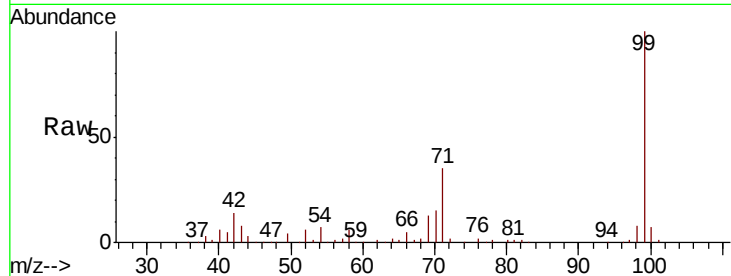
Tot Ion: 99 Resp: 313611

Ion Ratio Lower Upper

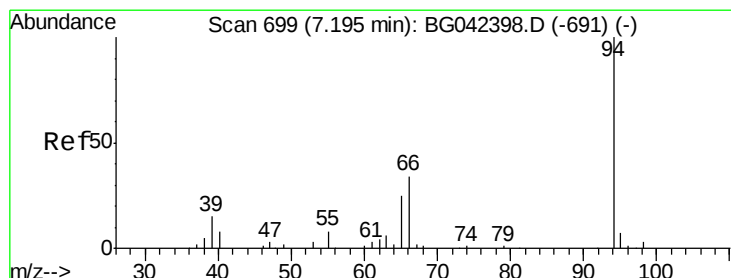
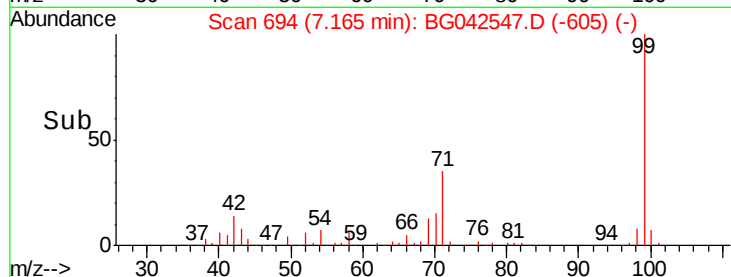
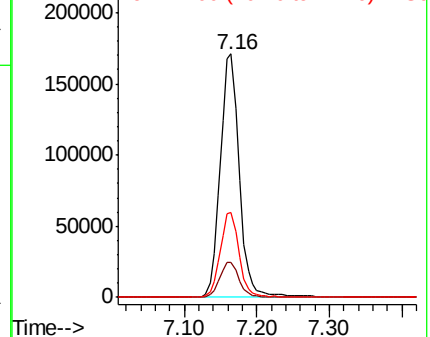
99 100

42 14.5 12.0 18.0

71 34.8 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: 8.108 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

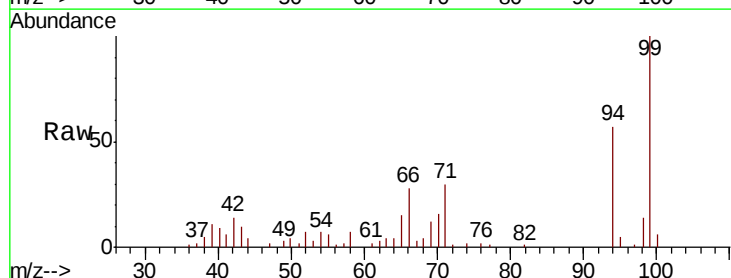
Tgt Ion: 94 Resp: 17564

Ion Ratio Lower Upper

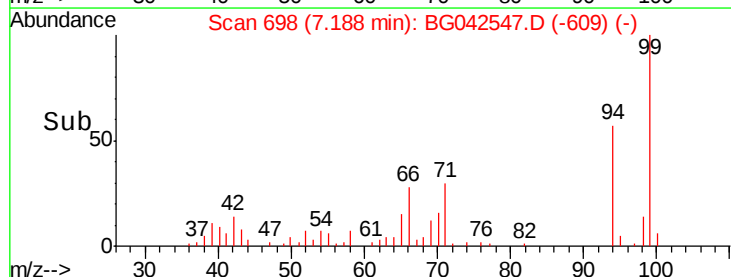
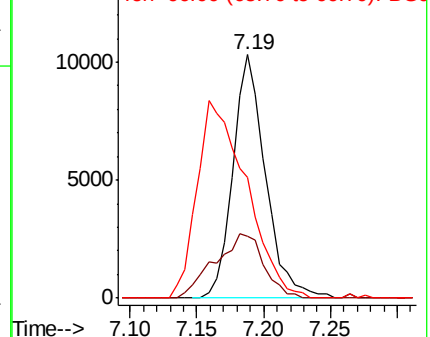
94 100

65 25.4 5.6 45.6

66 49.5 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

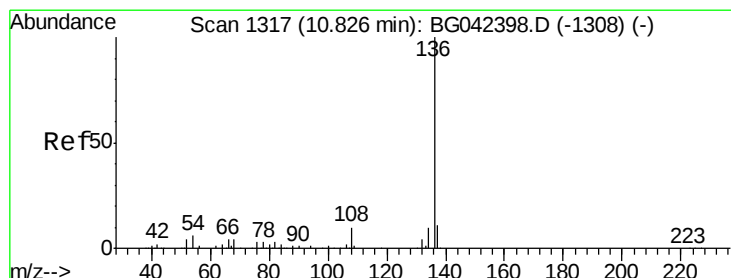
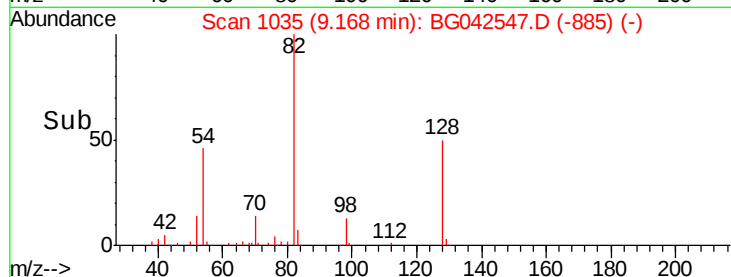
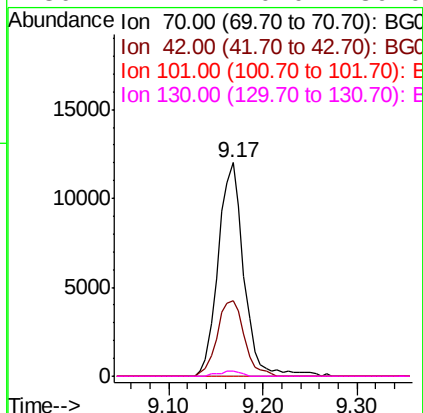
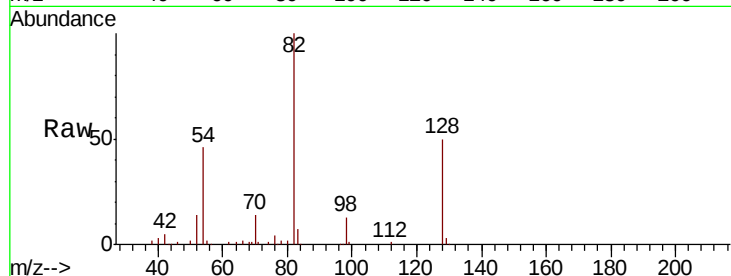




#19
n-Nitroso-di-n-propylamine
Concen: 16.598 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042547.D
Acq: 29 Aug 2019 00:27

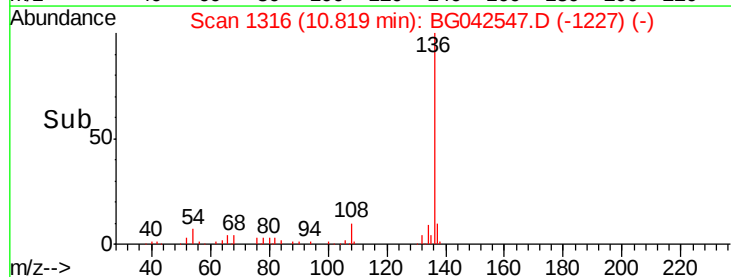
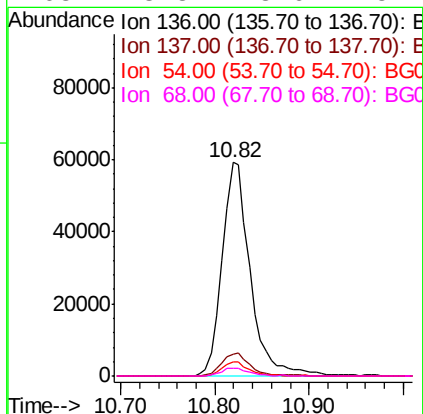
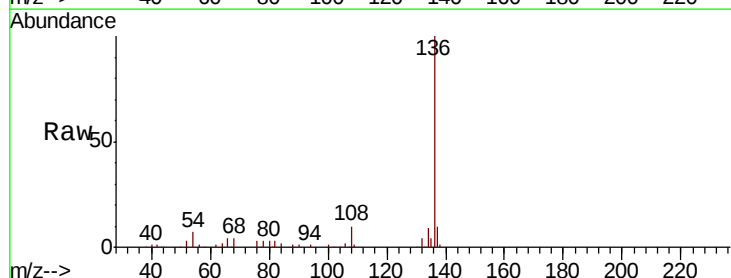
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 22911
Ion Ratio Lower Upper
70 100
42 35.5 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# 1316
Delta R.T. -0.01 min
Lab File: BG042547.D
Acq: 29 Aug 2019 00:27

Tgt Ion:136 Resp: 123147
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.6 4.9 7.3
68 3.8 3.6 5.4

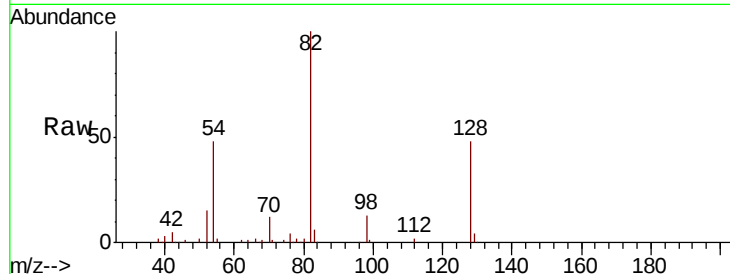




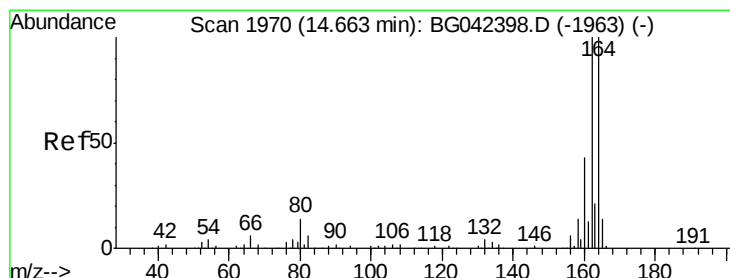
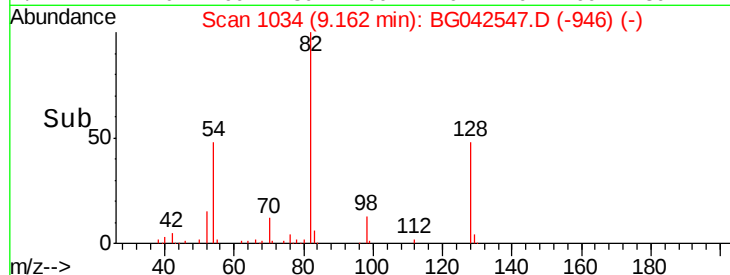
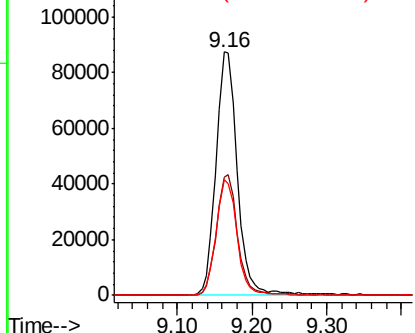
#23
Nitrobenzene-d5
Concen: 97.962 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042547.D
Acq: 29 Aug 2019 00:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 174573
Ion Ratio Lower Upper
82 100
128 48.3 40.7 61.1
54 47.7 36.3 54.5

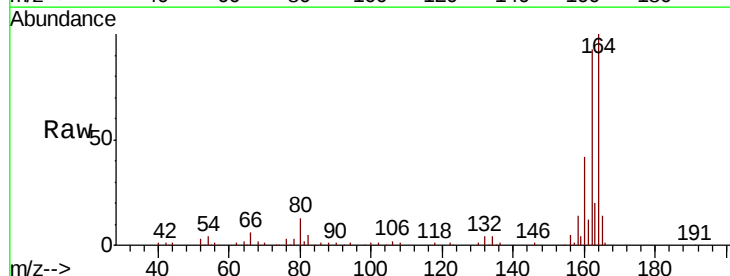


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

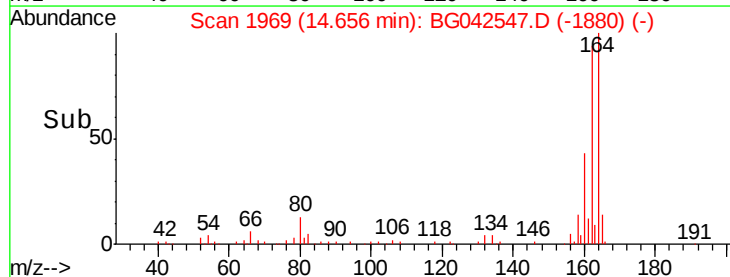
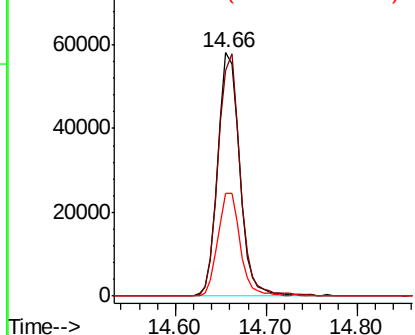


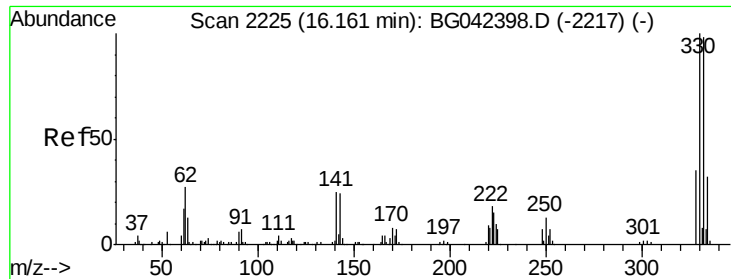
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042547.D
Acq: 29 Aug 2019 00:27

Tgt Ion:164 Resp: 97594
Ion Ratio Lower Upper
164 100
162 92.9 79.9 119.9
160 42.3 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

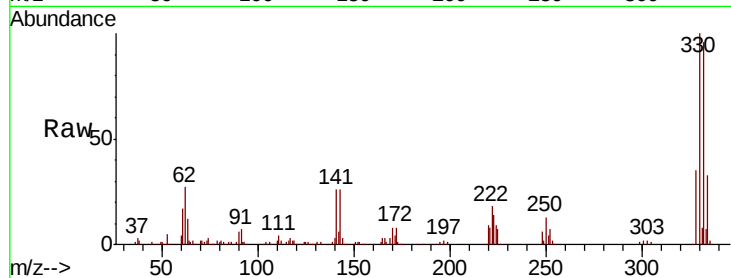




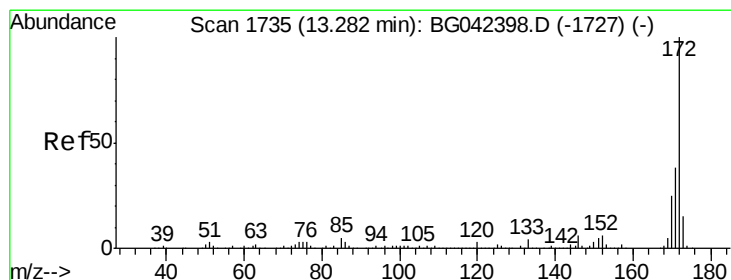
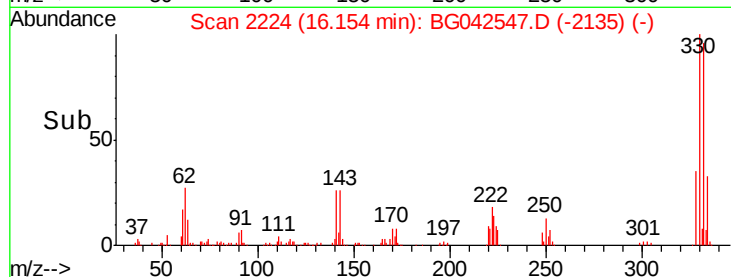
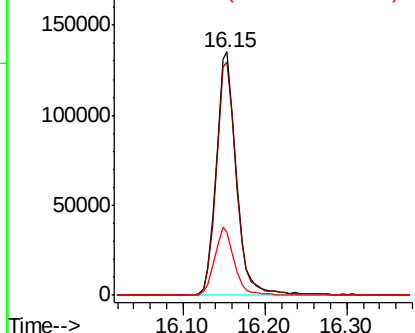
#42
 2,4,6-Tribromophenol
 Concen: 167.534 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG042547.D
 Acq: 29 Aug 2019 00:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	27.2	21.4	32.0

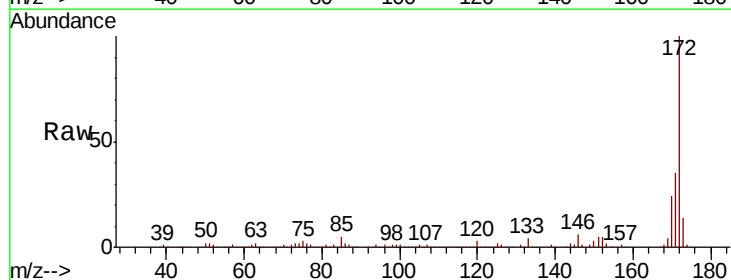


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

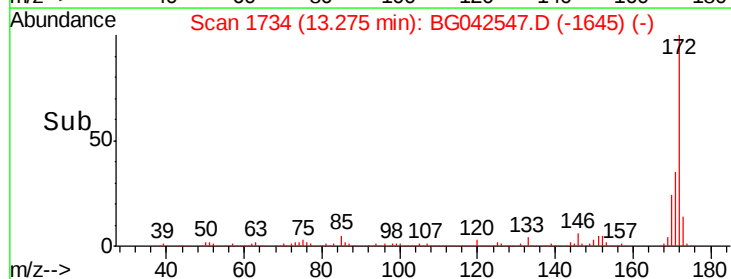
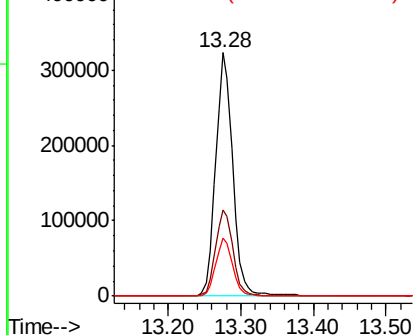


#45
 2-Fluorobiphenyl
 Concen: 91.944 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042547.D
 Acq: 29 Aug 2019 00:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.5	45.7
170	23.8	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: 6.254 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

Instrument :

BNA_G

ClientSampleId :

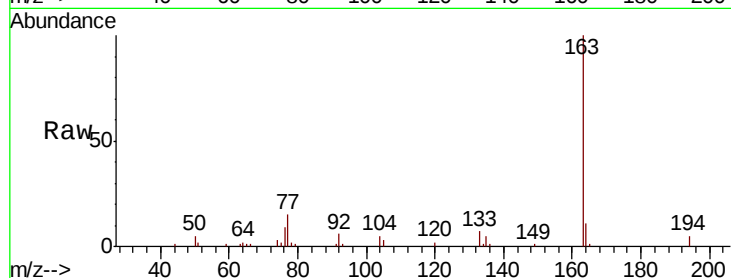
Tot Ion:163 Resp: 44040

Ion Ratio Lower Upper

163 100

194 4.7 4.2 6.2

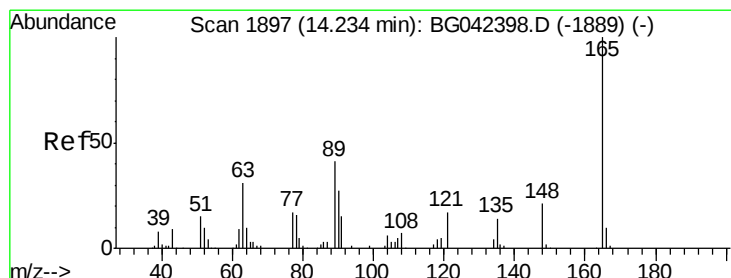
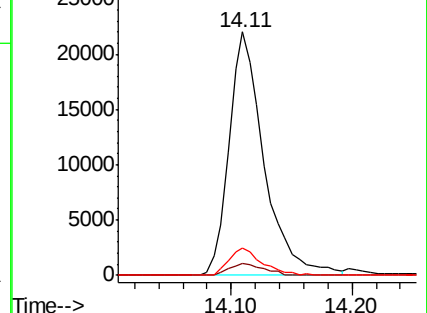
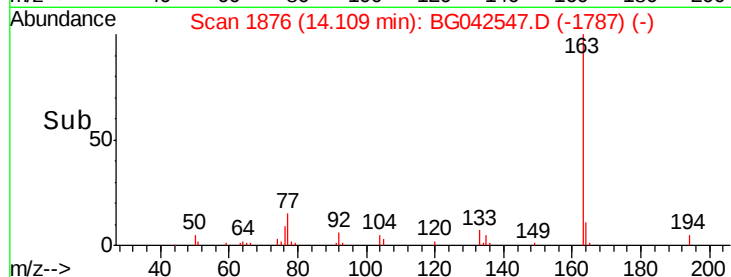
164 11.1 8.8 13.2



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: 7.741 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.42 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

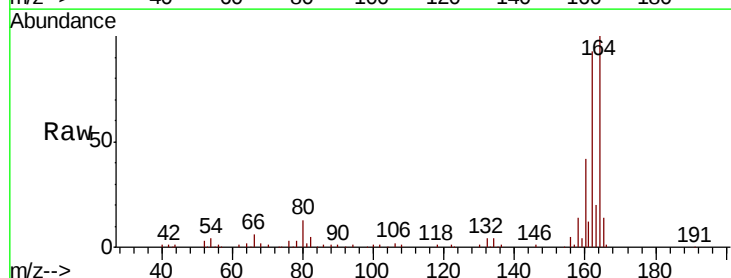
Tgt Ion:165 Resp: 12635

Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

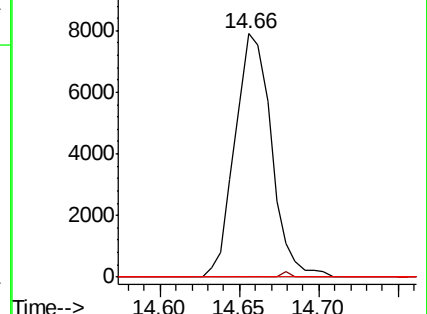
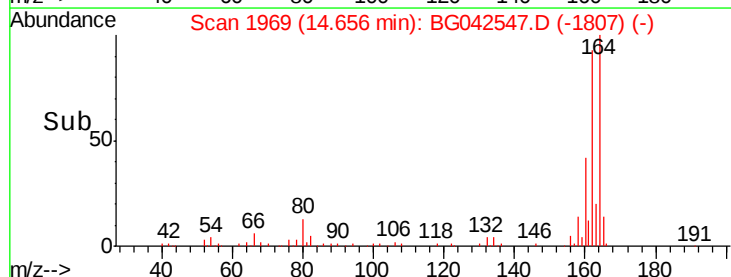
89 0.0 32.6 49.0#

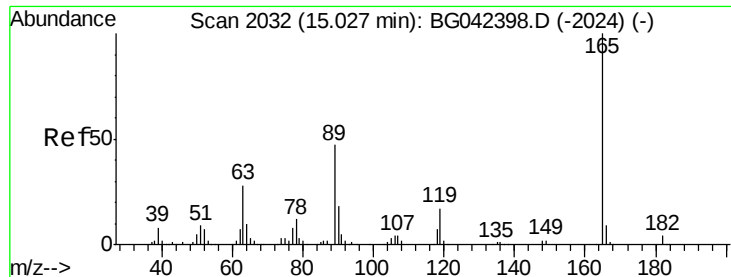


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

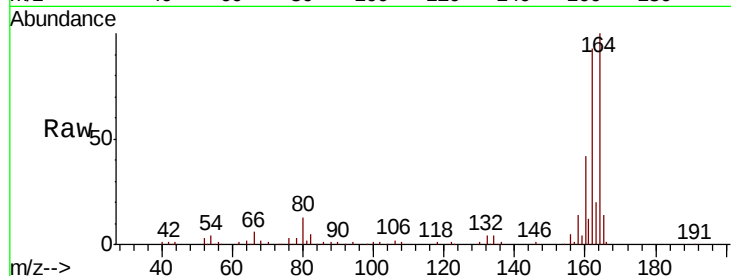




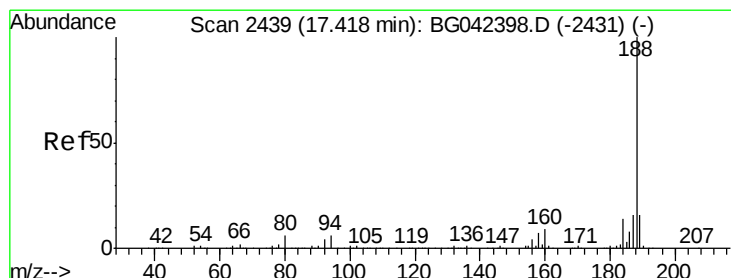
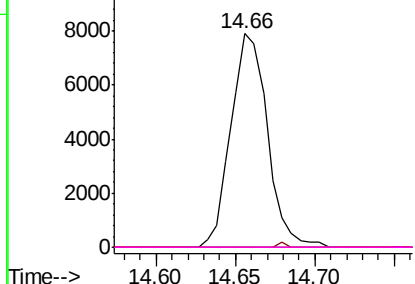
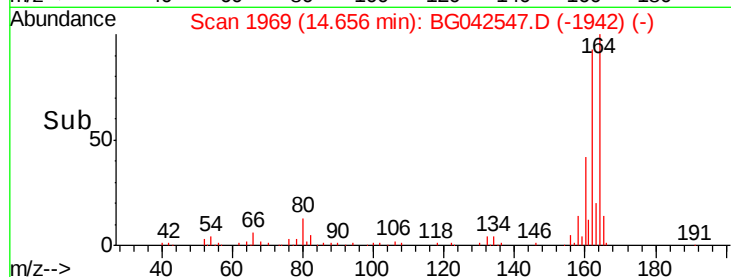
#57
 2,4-Dinitrotoluene
 Concen: 5.406 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042547.D
 Acq: 29 Aug 2019 00:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	12635
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#

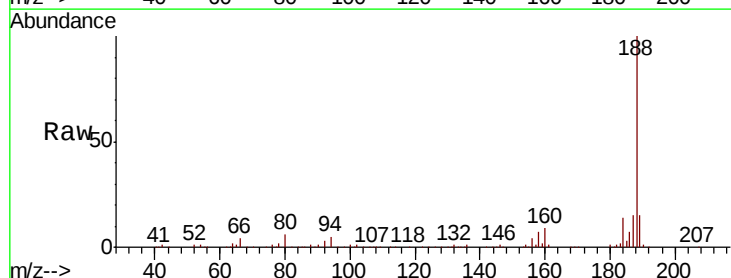


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

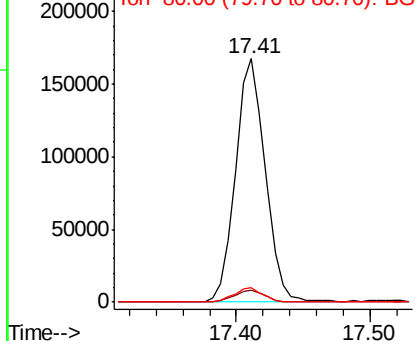
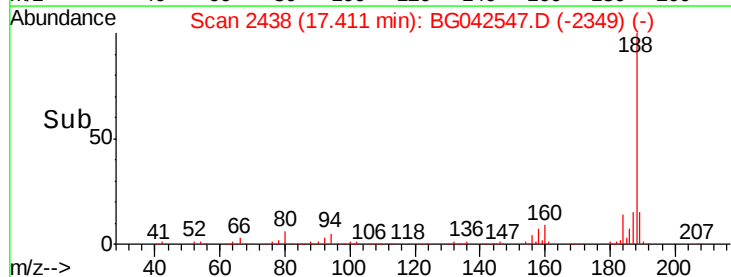


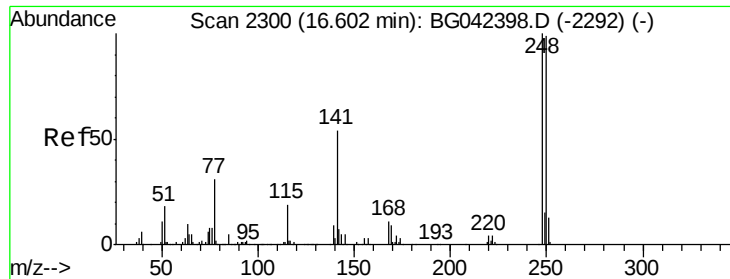
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG042547.D
 Acq: 29 Aug 2019 00:27

Tgt Ion:188	Resp:	258612
Ion Ratio	Lower	Upper
188	100	
94	5.0	4.5 6.7
80	5.7	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: 4.763 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

Instrument :

BNA_G

ClientSampled :

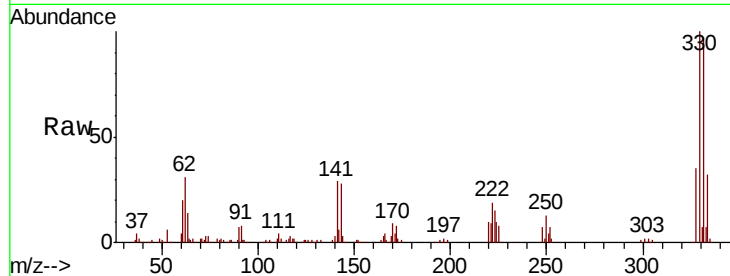
Tot Ion:248 Resp: 15624

Ion Ratio Lower Upper

248 100

250 183.1 78.9 118.3#

141 402.6 43.3 64.9#

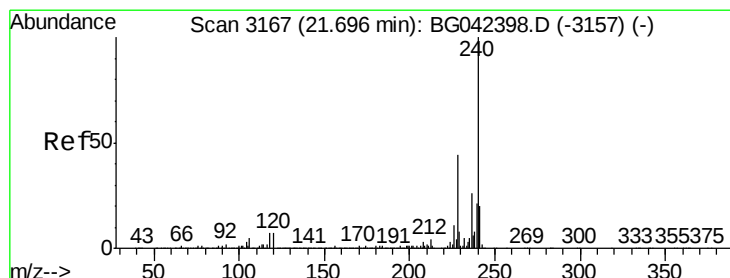
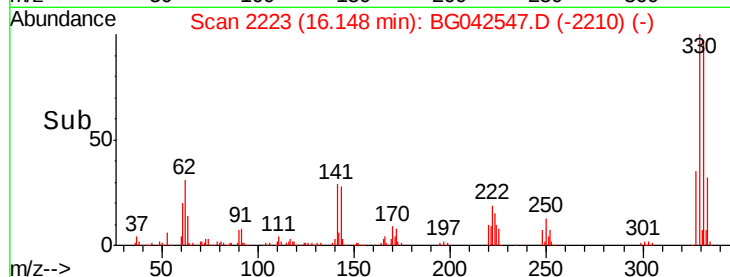
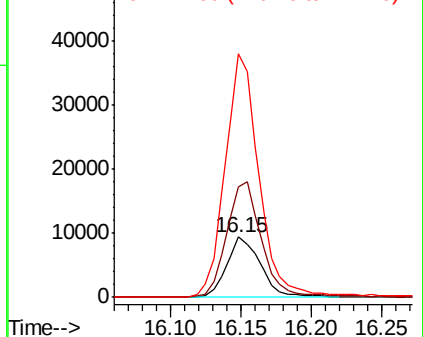


Abundance

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: BG042547.D

Acq: 29 Aug 2019 00:27

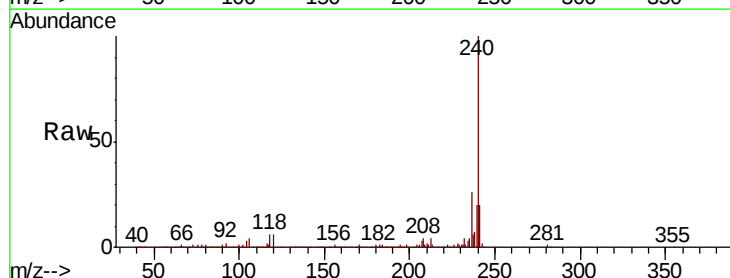
Tgt Ion:240 Resp: 301684

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

236 25.5 21.0 31.4

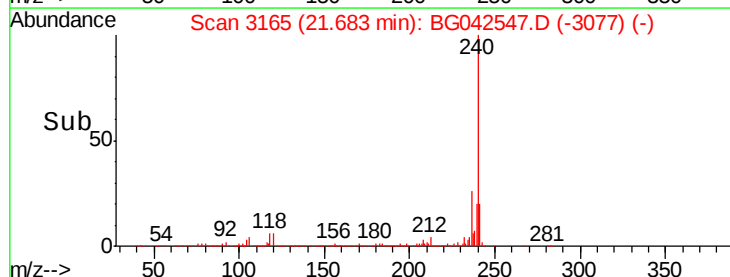
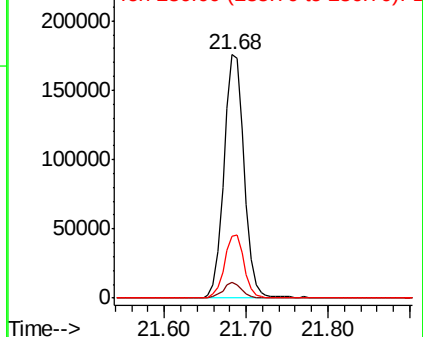


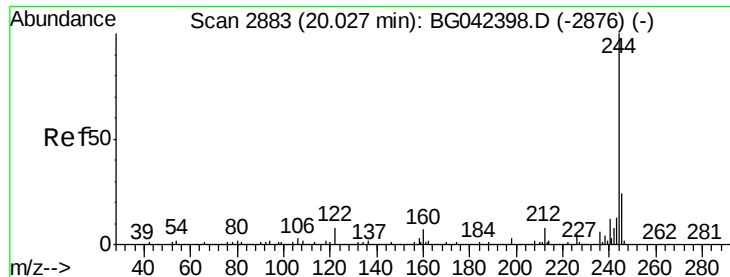
Abundance

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: 81.146 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

Instrument :

BNA_G

ClientSampled :

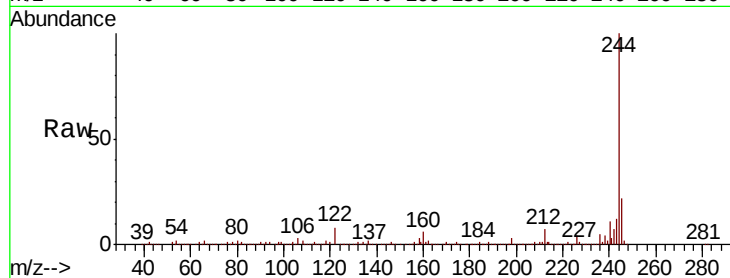
Tot Ion:244 Resp: 1132344

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

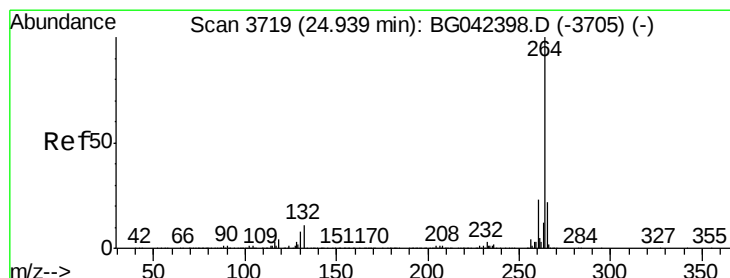
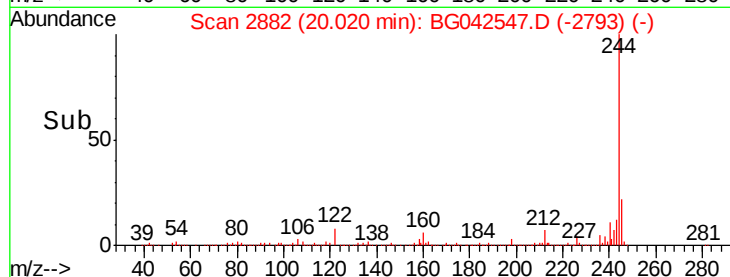
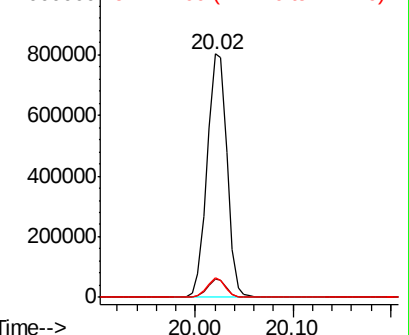
122 7.9 6.7 10.1



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042547.D

Acq: 29 Aug 2019 00:27

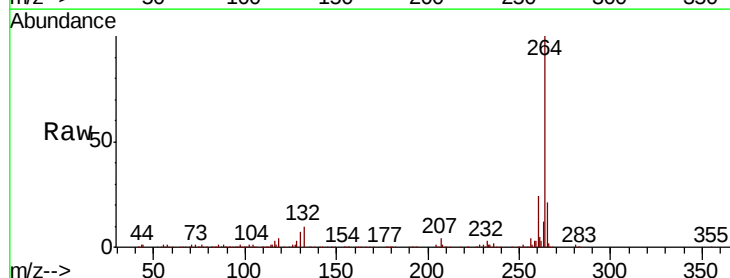
Tgt Ion:264 Resp: 356417

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.5 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

