

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042669.D
 Acq On : 1 Sep 2019 19:54
 Operator : HP/JU
 Sample : K4554-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:29:53 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

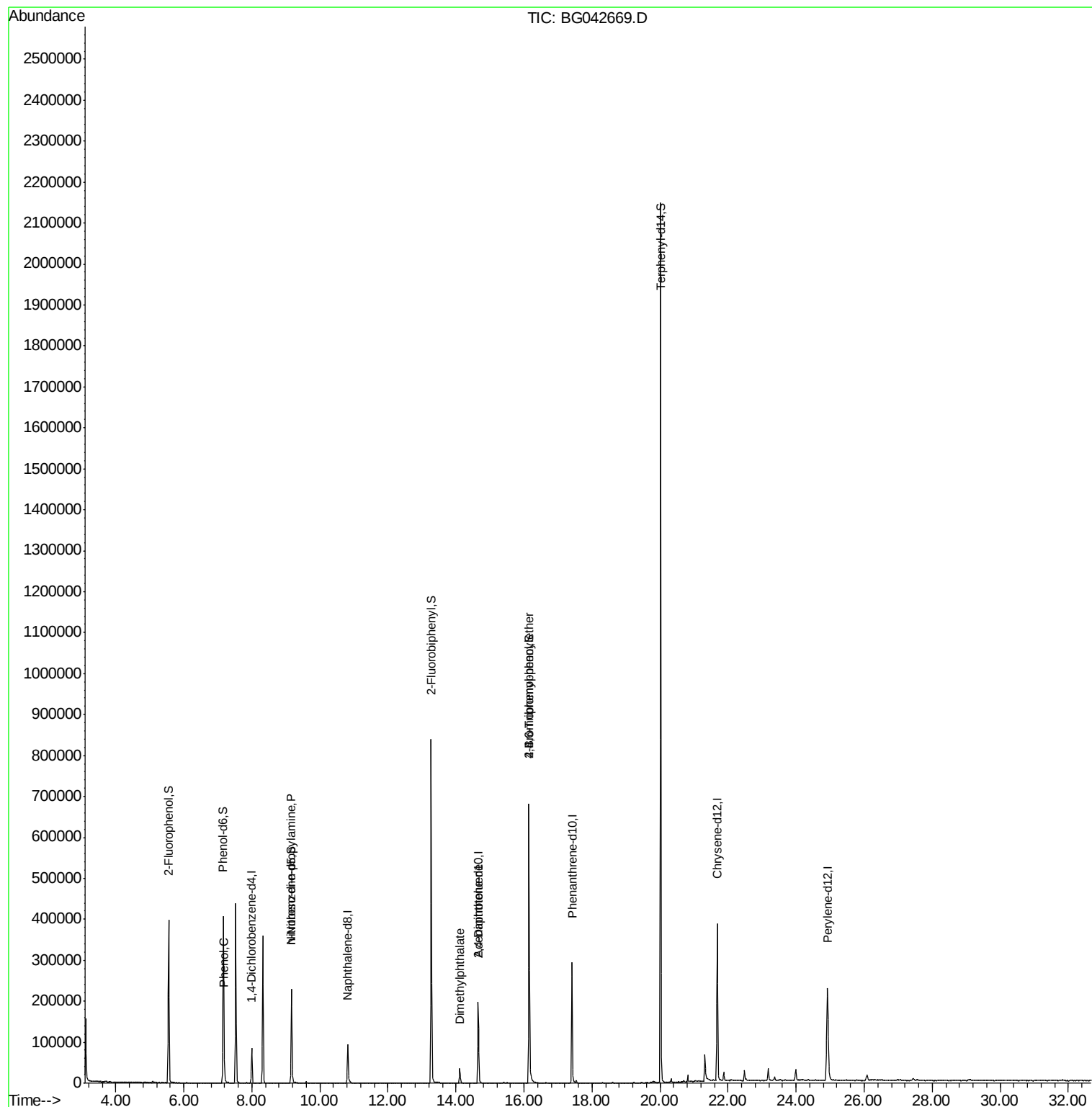
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29223	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111137	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87132	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	224797	20.00	ng	0.00
76) Chrysene-d12	21.68	240	256869	20.00	ng	-0.01
87) Perylene-d12	24.92	264	299737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	199451	138.23	ng	0.00
7) Phenol-d6	7.16	99	269286	138.16	ng	0.00
23) Nitrobenzene-d5	9.17	82	154121	95.83	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	198030	159.90	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	528903	102.66	ng	0.00
79) Terphenyl-d14	20.02	244	1146467	96.49	ng	0.00
Target Compounds						
10) Phenol	7.19	94	24833	12.531	ng	90
19) n-Nitroso-di-n-propylamine	9.16	70	20008	15.845	ng	# 76
50) Dimethylphthalate	14.11	163	40273	6.406	ng	# 96
57) 2,4-Dinitrotoluene	14.65	165	11340	5.434	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	13338	4.678	ng	# 1

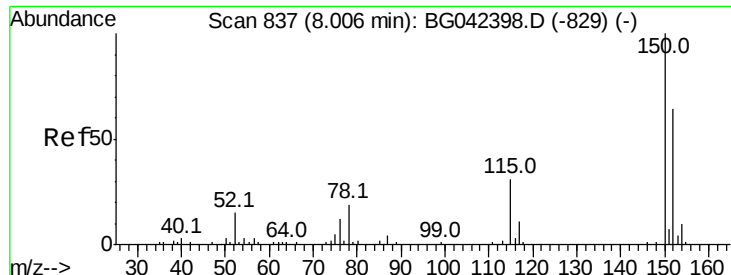
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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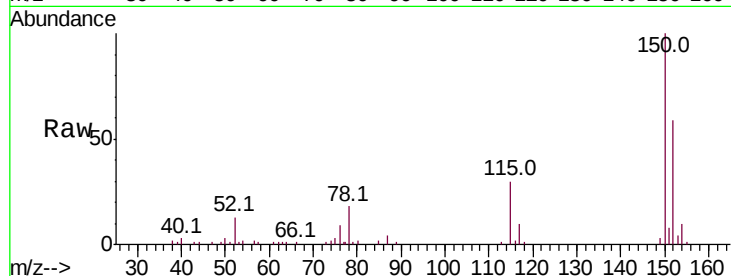


#1

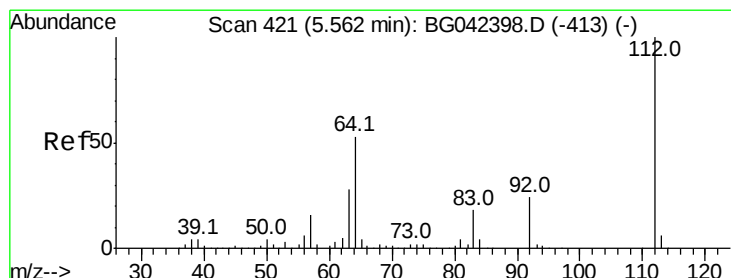
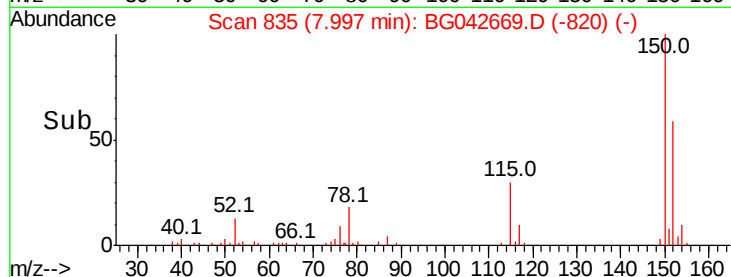
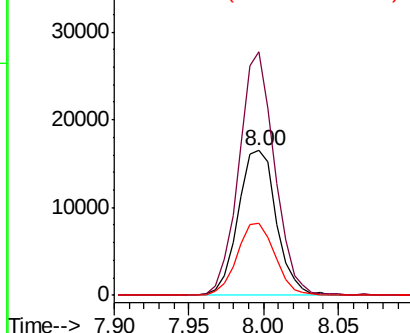
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29223
Ion Ratio Lower Upper
152 100
150 168.3 125.4 188.0
115 49.9 38.5 57.7



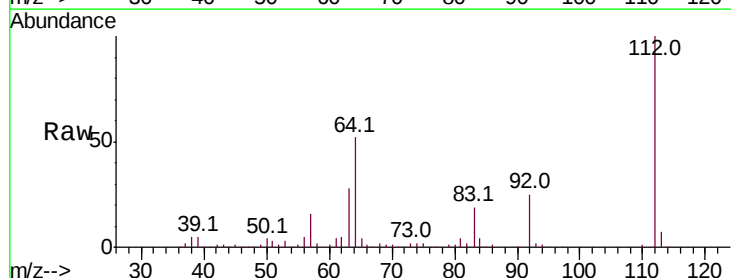
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



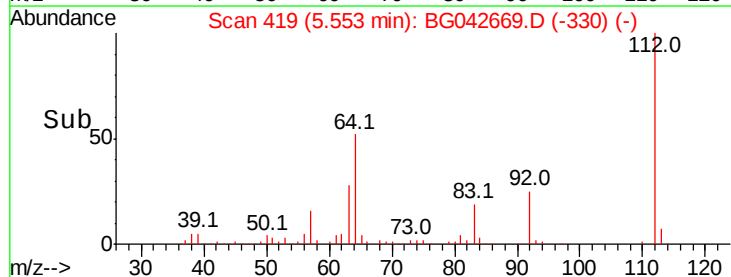
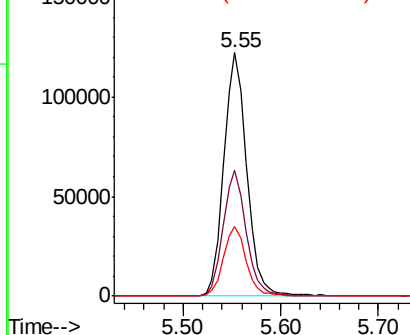
#5

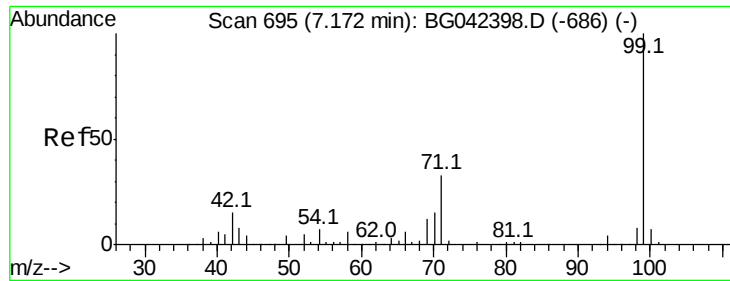
2-Fluorophenol
Concen: 138.229 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

Tgt Ion:112 Resp: 199451
Ion Ratio Lower Upper
112 100
64 51.5 42.8 64.2
63 28.3 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: 138.164 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042669.D

Acq: 1 Sep 2019 19:54

Instrument :

BNA_G

ClientSampleId :

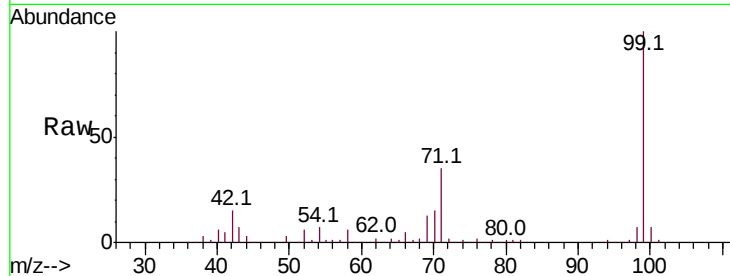
Tot Ion: 99 Resp: 269286

Ion Ratio Lower Upper

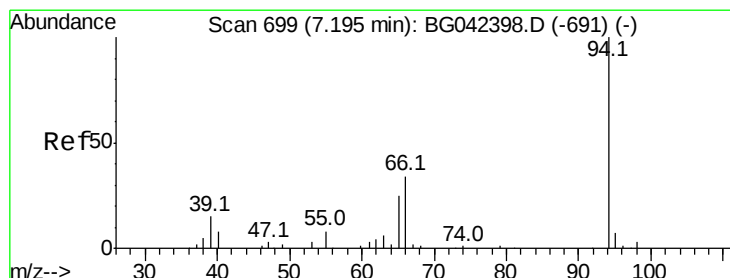
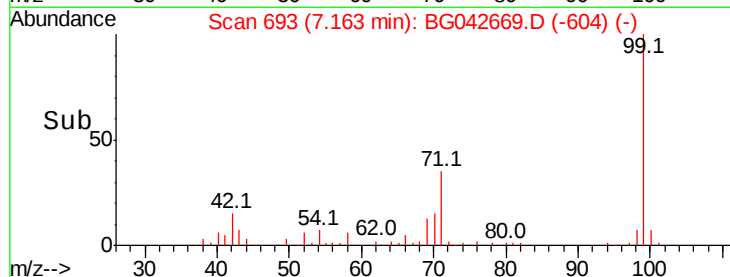
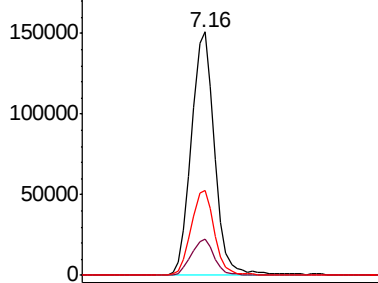
99 100

42 15.0 12.0 18.0

71 34.9 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: 12.531 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042669.D

Acq: 1 Sep 2019 19:54

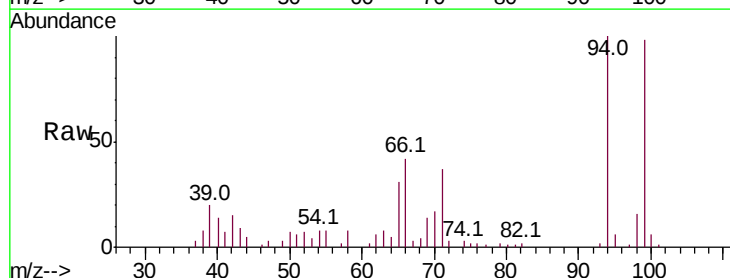
Tgt Ion: 94 Resp: 24833

Ion Ratio Lower Upper

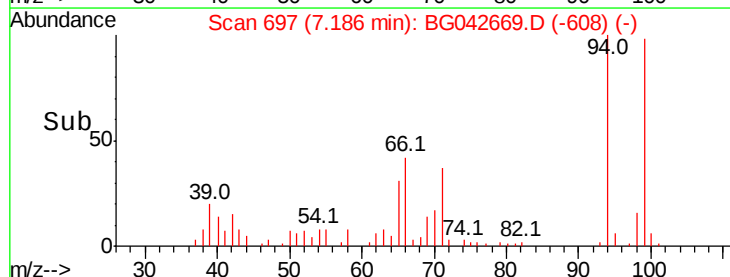
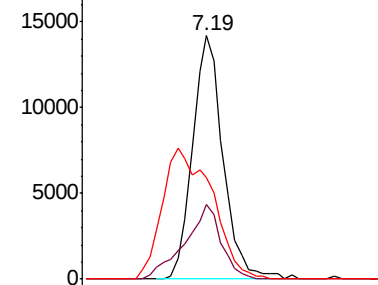
94 100

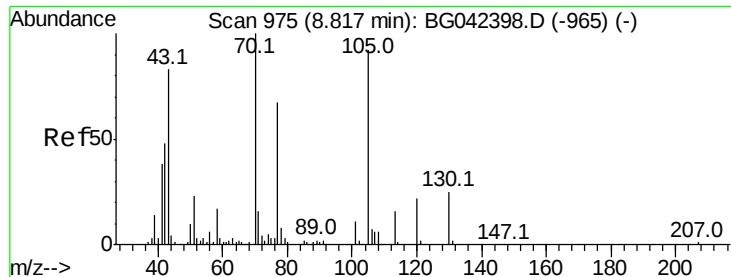
65 30.5 5.6 45.6

66 41.7 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

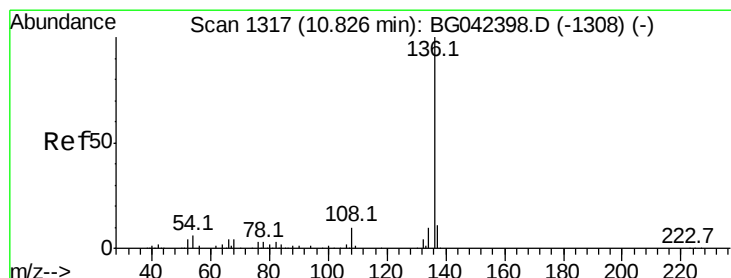
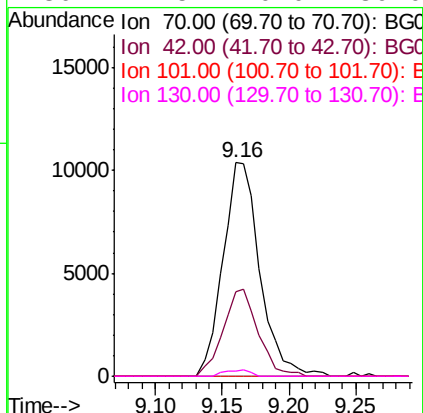
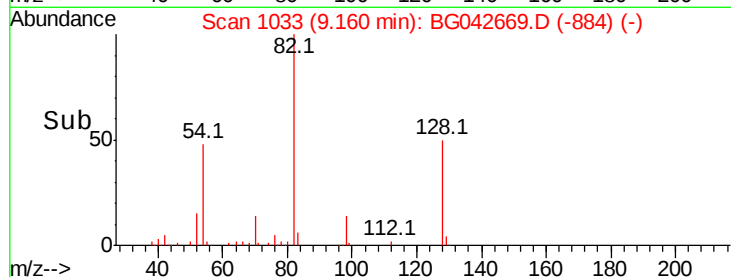
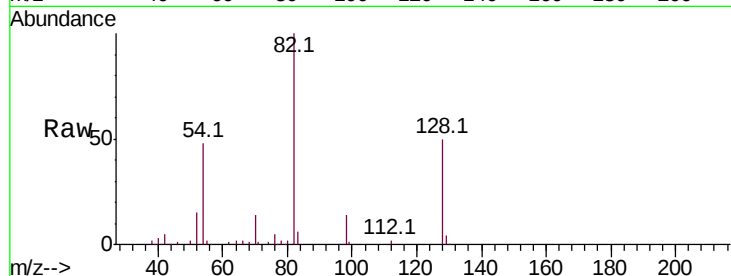




#19
n-Nitroso-di-n-propylamine
Concen: 15.845 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

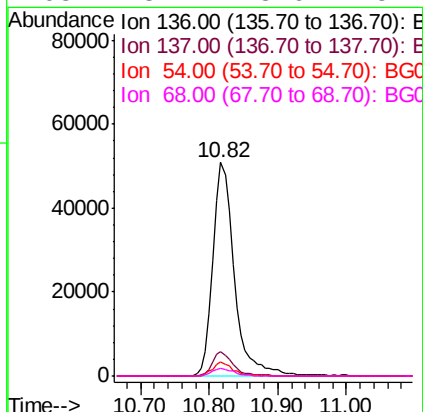
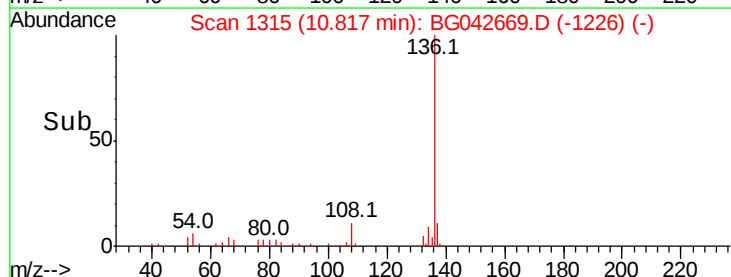
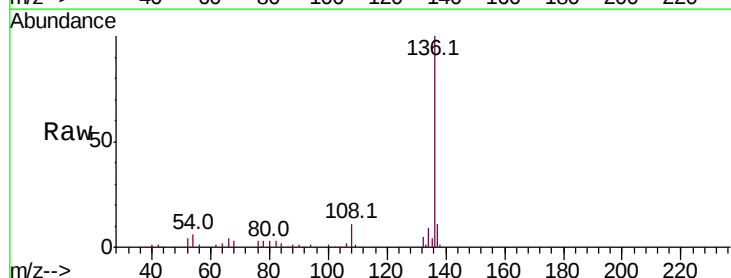
Instrument :
BNA_G
ClientSampleId :

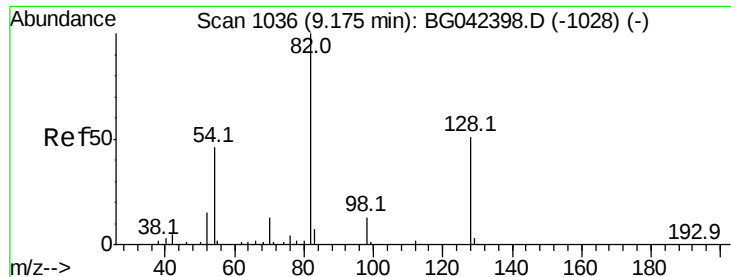
Tot Ion: 70 Resp: 20008
Ion Ratio Lower Upper
70 100
42 39.8 38.8 58.2
101 0.0 9.0 13.6#
130 2.5 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

Tgt Ion: 136 Resp: 111137
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.4 4.9 7.3
68 3.4 3.6 5.4#

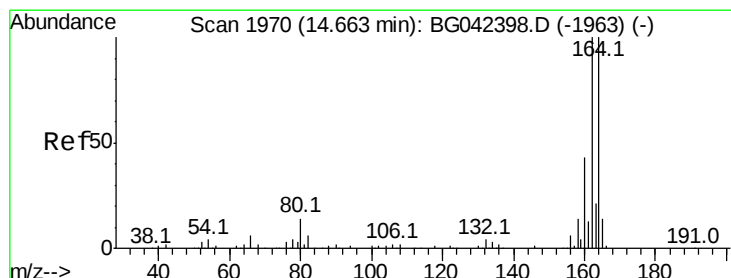
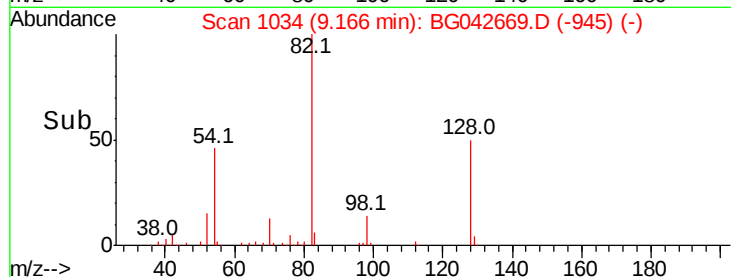
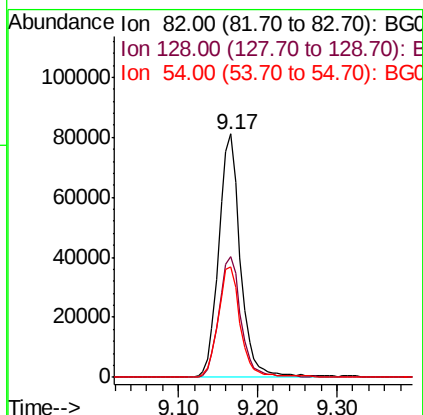
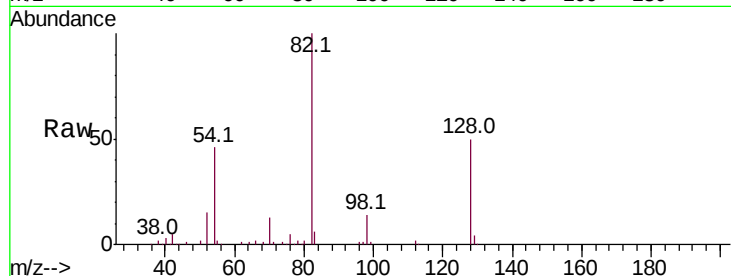




#23
Nitrobenzene-d5
Concen: 95.831 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

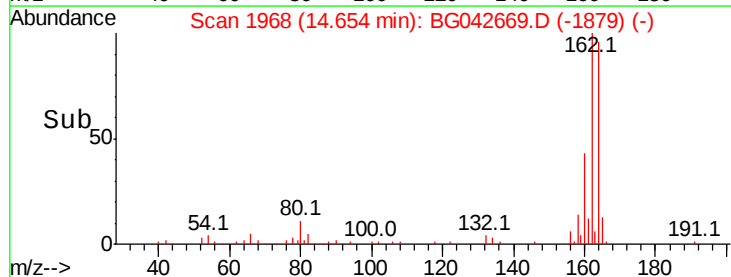
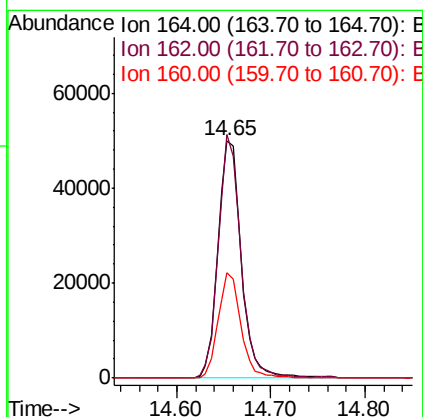
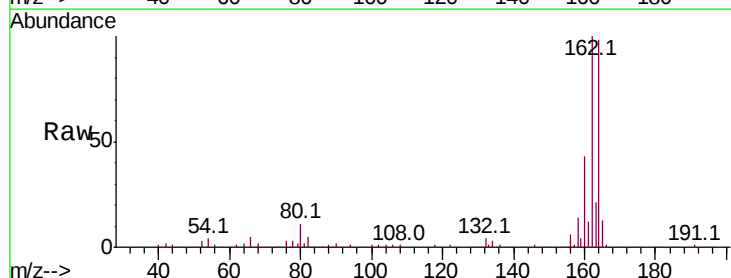
Instrument :
BNA_G
ClientSampleId :

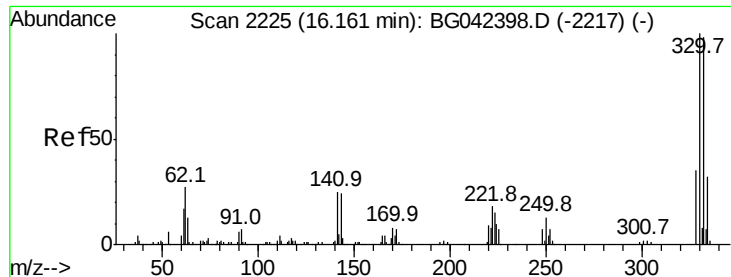
Tot Ion	82	Resp	154121
Ion Ratio	100	Lower	Upper
128	49.8	40.7	61.1
54	45.6	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

Tgt Ion	164	Resp	87132
Ion Ratio	100	Lower	Upper
162	102.5	79.9	119.9
160	44.3	34.3	51.5

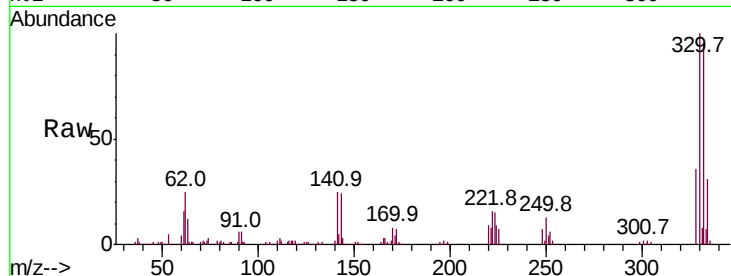




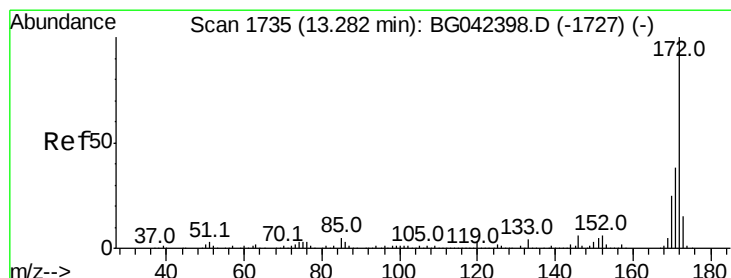
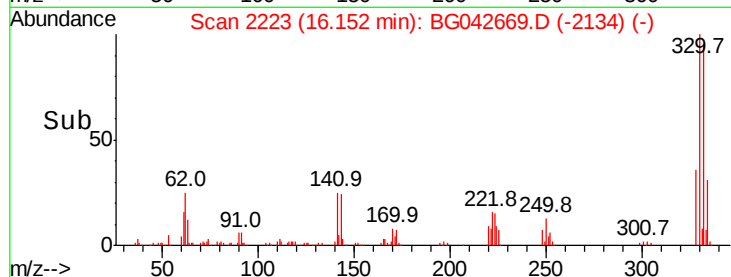
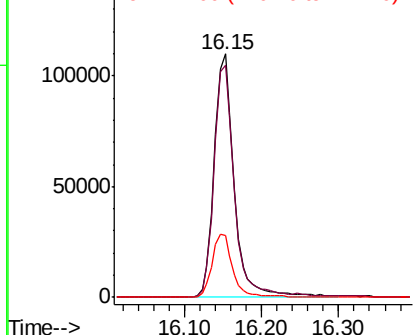
#42
 2,4,6-Tribromophenol
 Concen: 159.903 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042669.D
 Acq: 1 Sep 2019 19:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	26.9	21.4	32.0

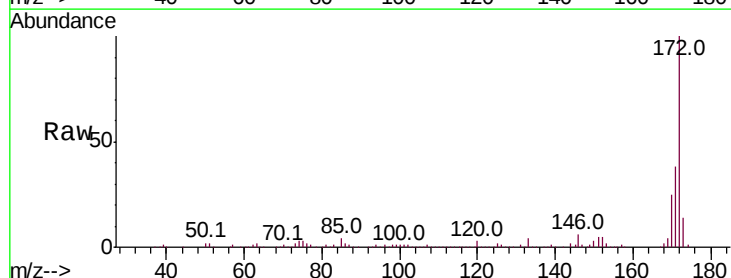


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

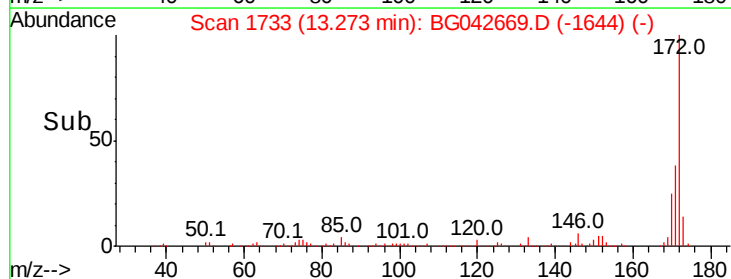
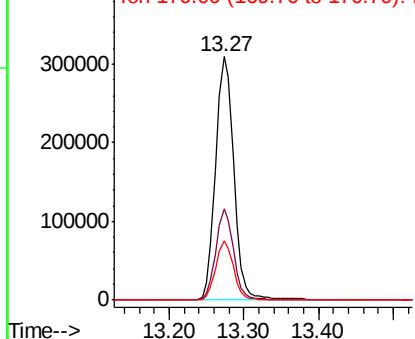


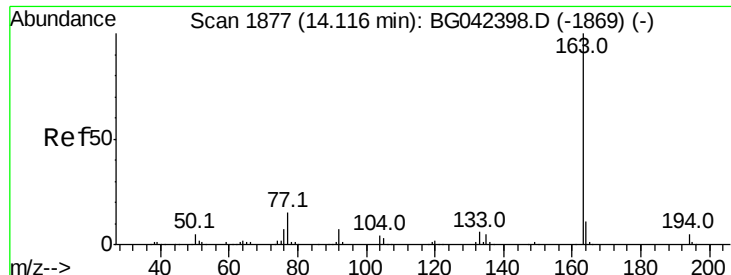
#45
 2-Fluorobiphenyl
 Concen: 102.663 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042669.D
 Acq: 1 Sep 2019 19:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	24.6	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

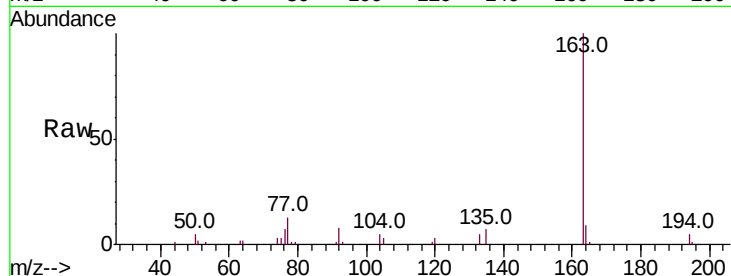




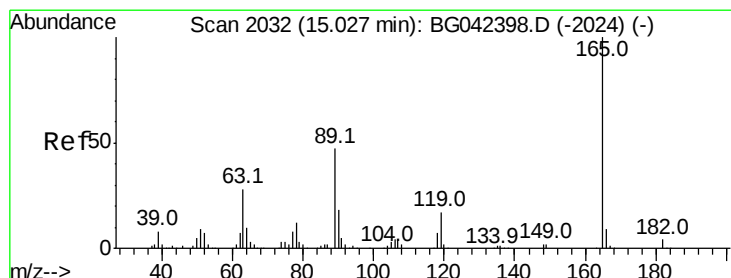
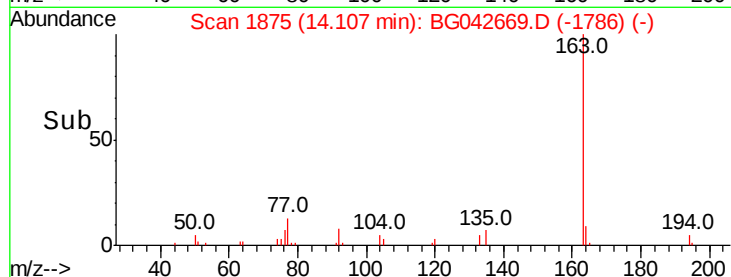
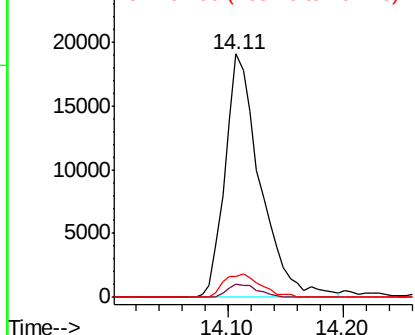
#50
Dimethylphthalate
Concen: 6.406 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 40273
Ion Ratio Lower Upper
163 100
194 5.3 4.2 6.2
164 8.6 8.8 13.2#

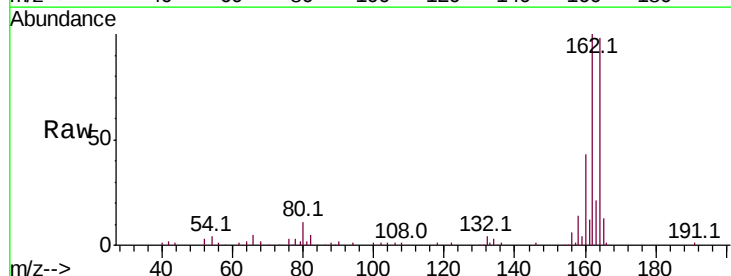


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

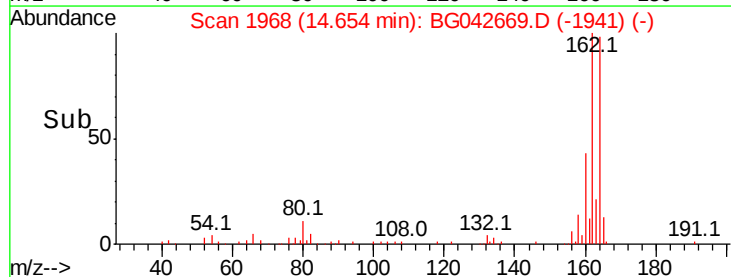
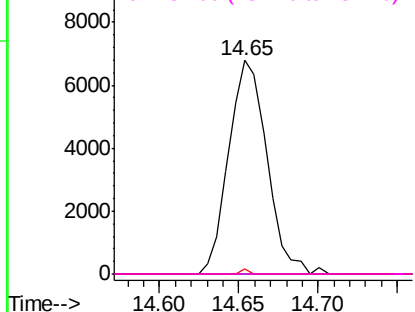


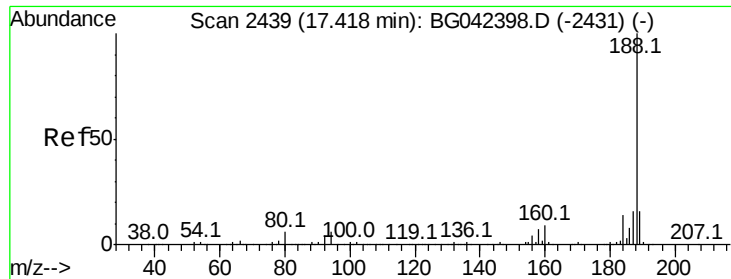
#57
2,4-Dinitrotoluene
Concen: 5.434 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042669.D
Acq: 1 Sep 2019 19:54

Tgt Ion:165 Resp: 11340
Ion Ratio Lower Upper
165 100
63 0.0 22.5 33.7#
89 2.3 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: BG042669.D

Acq: 1 Sep 2019 19:54

Instrument :

BNA_G

ClientSampleId :

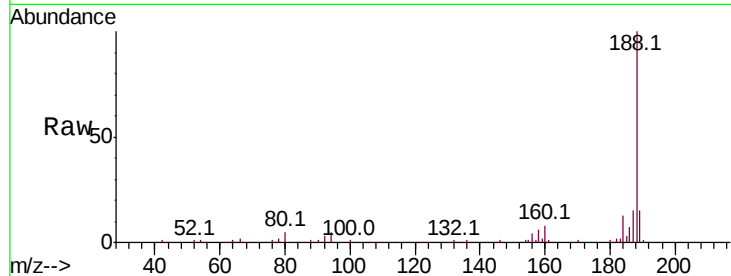
Tot Ion:188 Resp: 224797

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7

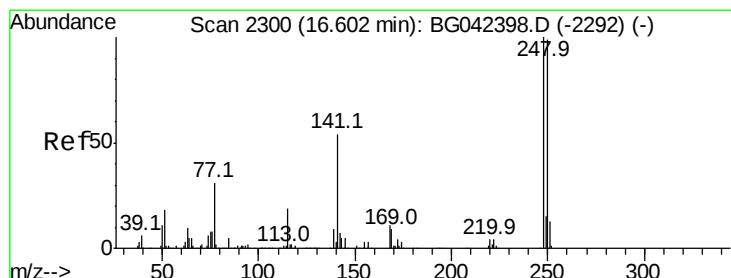
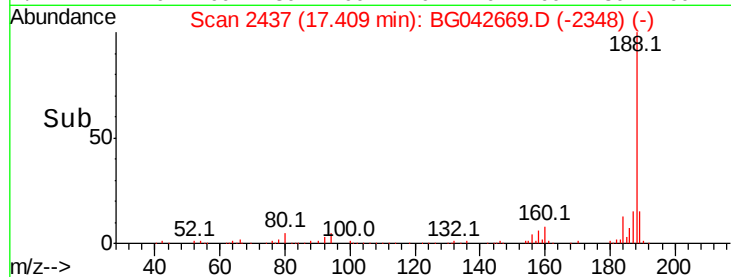
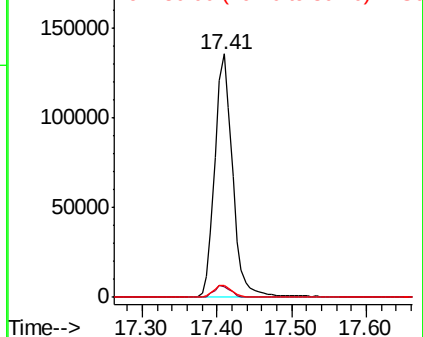
80 4.7 4.9 7.3#



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: 4.678 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.46 min

Lab File: BG042669.D

Acq: 1 Sep 2019 19:54

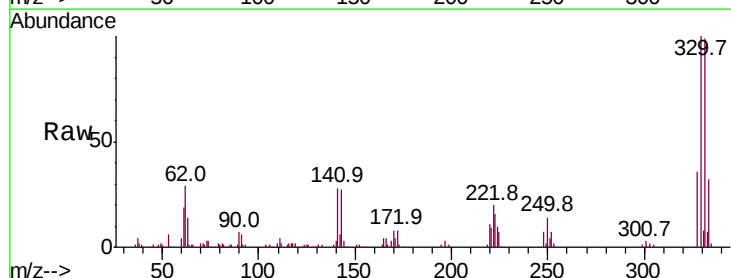
Tgt Ion:248 Resp: 13338

Ion Ratio Lower Upper

248 100

250 197.0 78.9 118.3#

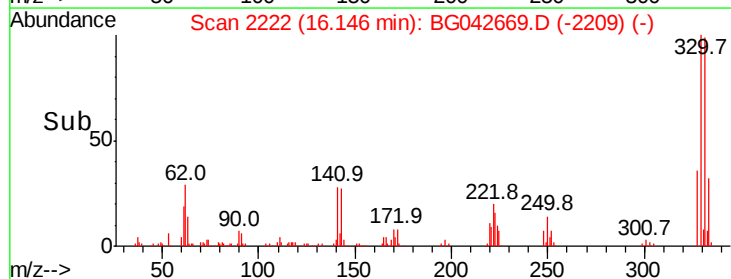
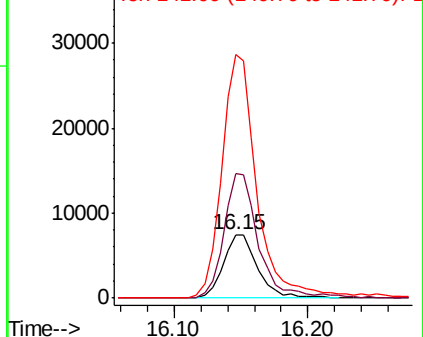
141 383.4 43.3 64.9#

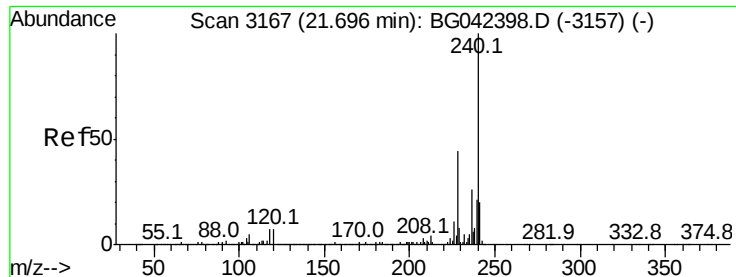


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG042669.D

Acq: 1 Sep 2019 19:54

Instrument :

BNA_G

ClientSampleId :

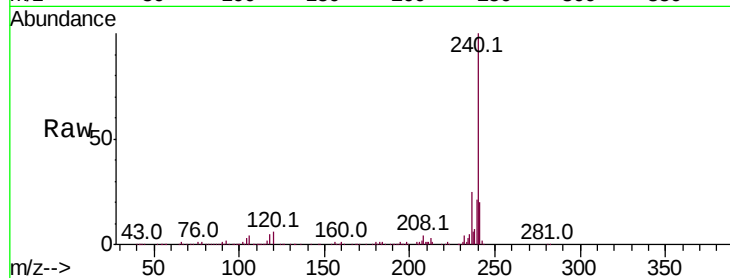
Tot Ion:240 Resp: 256869

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

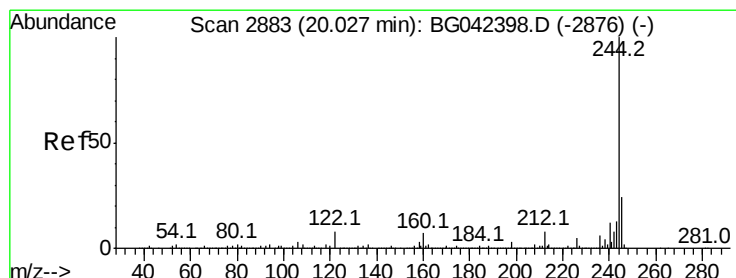
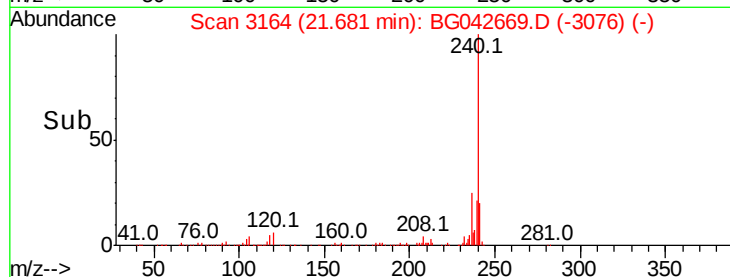
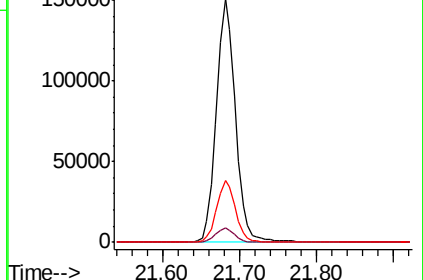
236 25.3 21.0 31.4



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: 96.492 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042669.D

Acq: 1 Sep 2019 19:54

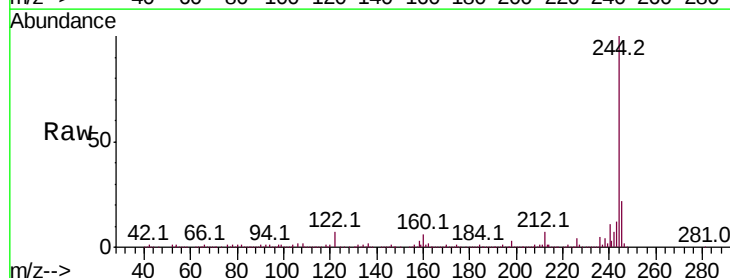
Tgt Ion:244 Resp: 1146467

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

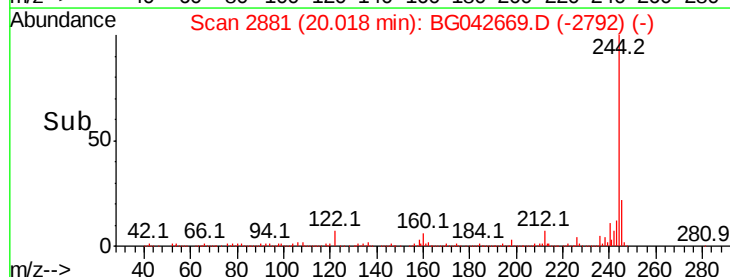
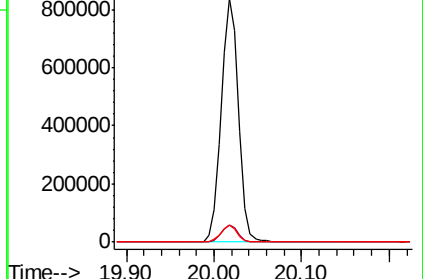
122 6.8 6.7 10.1

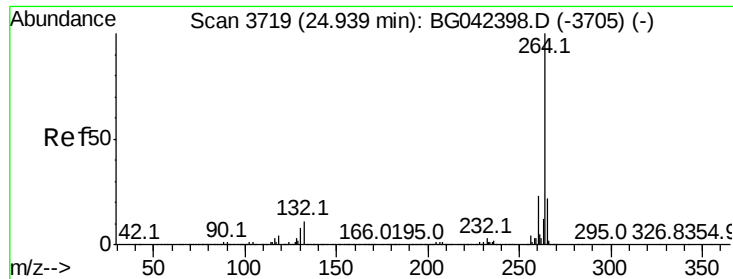


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. -0.02 min
 Lab File: BG042669.D
 Acq: 1 Sep 2019 19:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	22.1	17.6	26.4

