

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042689.D
 Acq On : 3 Sep 2019 15:17
 Operator : HP/JU
 Sample : K4554-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)

Quant Time: Sep 04 04:40:50 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

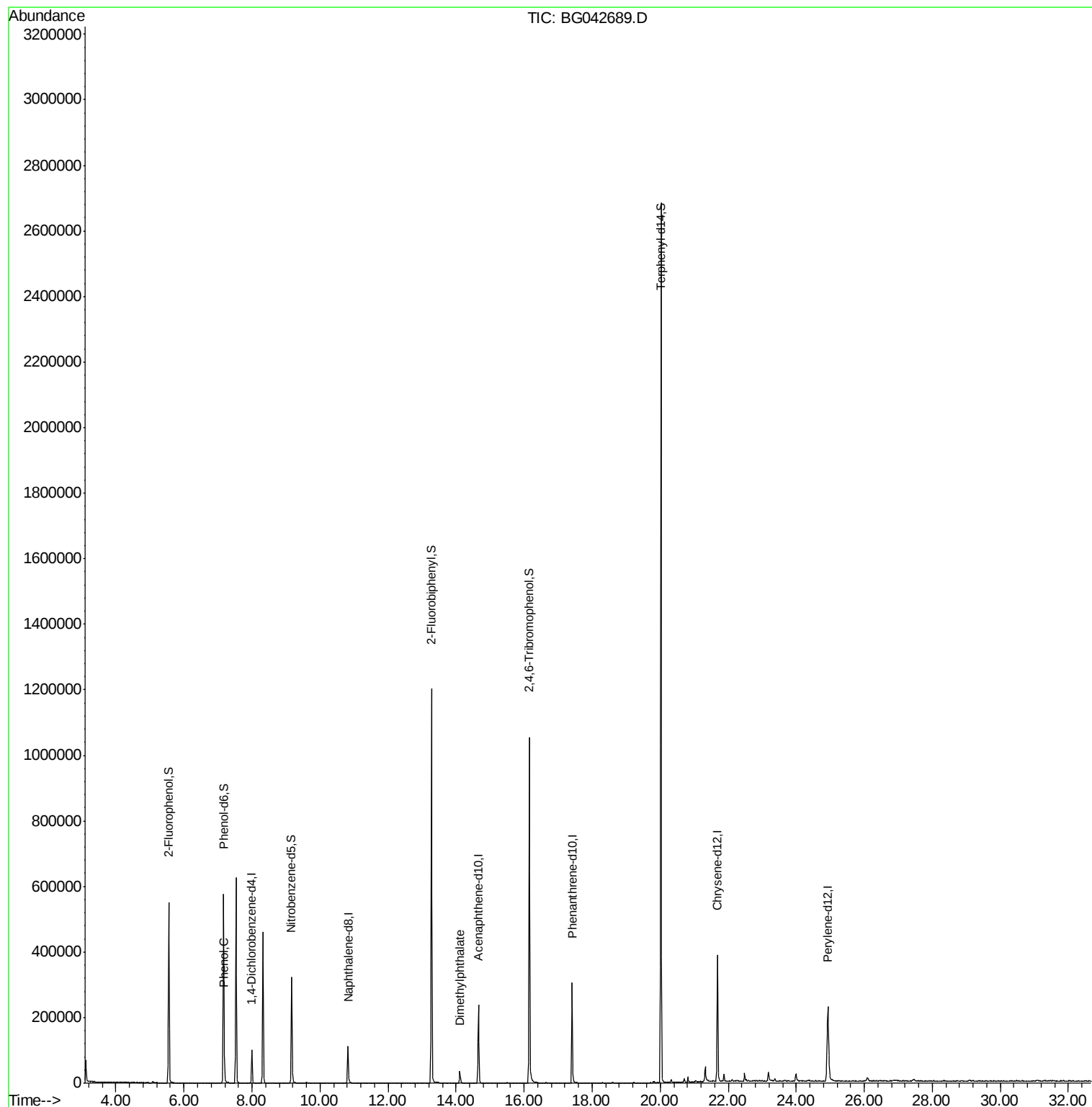
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	34214	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	128420	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	100081	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239669	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	264797	20.00	ng	-0.01
87) Perylene-d12	24.93	264	309620	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	274099	162.25	ng	0.00
7) Phenol-d6	7.17	99	375691	164.64	ng	0.00
23) Nitrobenzene-d5	9.16	82	213972	115.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	284986	200.34	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	748182	126.44	ng	0.00
79) Terphenyl-d14	20.02	244	1448966	118.30	ng	0.00
Target Compounds						
10) Phenol	7.19	94	20620	8.887	ng	85
50) Dimethylphthalate	14.11	163	46351	6.419	ng	100

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

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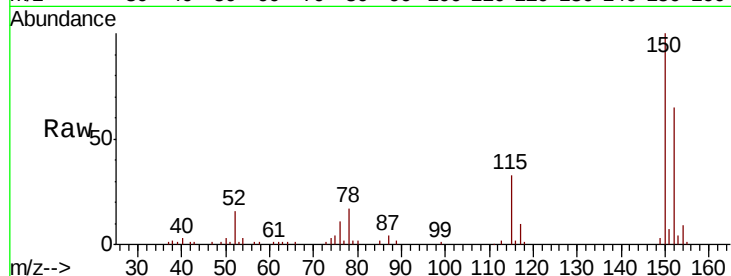


#1

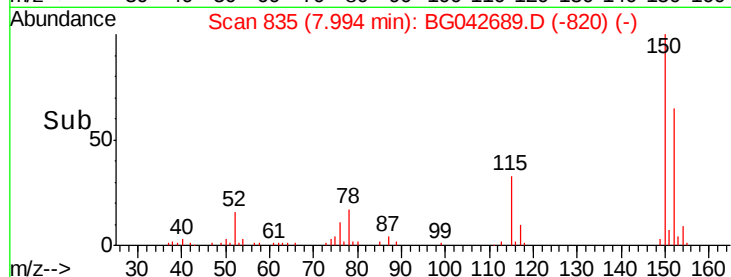
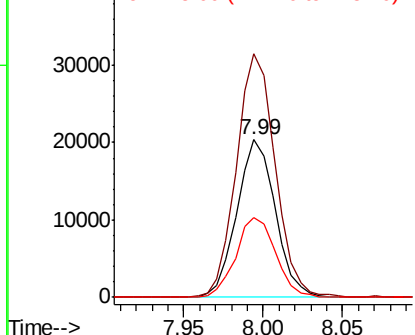
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042689.D
Acq: 3 Sep 2019 15:17

Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)

Tot Ion:152 Resp: 34214
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.0
115 50.8 38.5 57.7



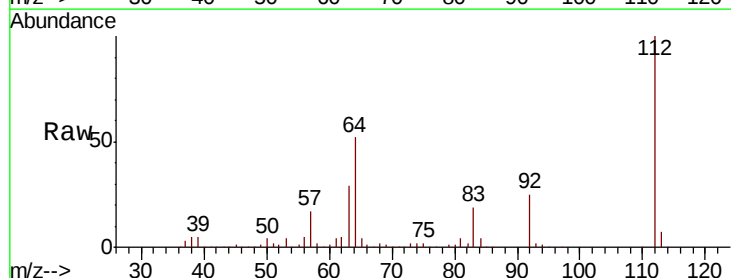
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



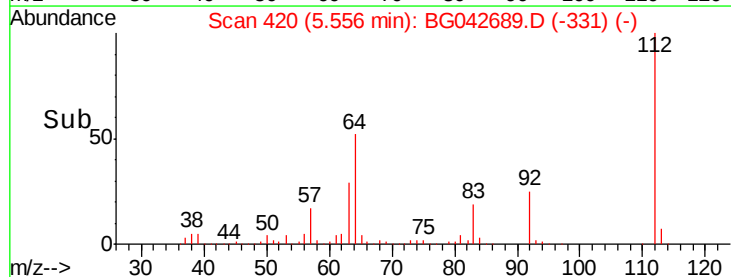
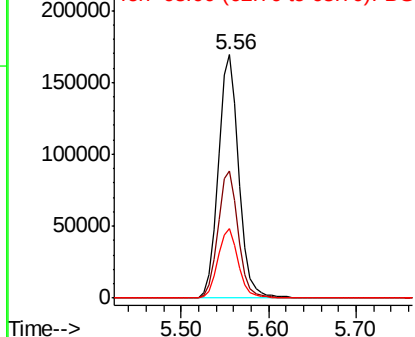
#5

2-Fluorophenol
Concen: 162.252 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042689.D
Acq: 3 Sep 2019 15:17

Tgt Ion:112 Resp: 274099
Ion Ratio Lower Upper
112 100
64 52.3 42.8 64.2
63 28.6 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: 164.639 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

Instrument :

BNA_G

ClientSampled :

SB-13-(13-15)

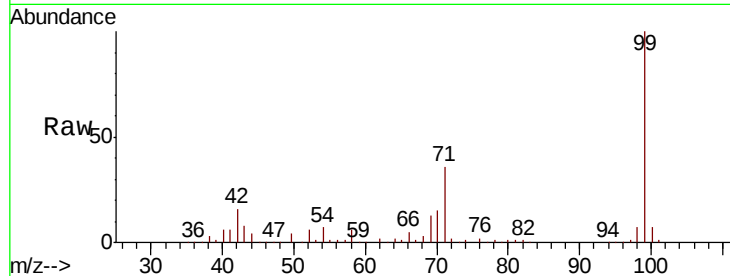
Tot Ion: 99 Resp: 375691

Ion Ratio Lower Upper

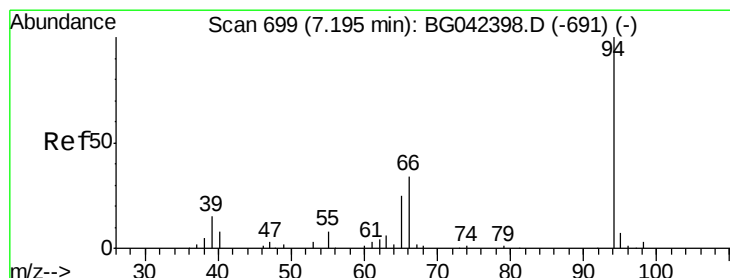
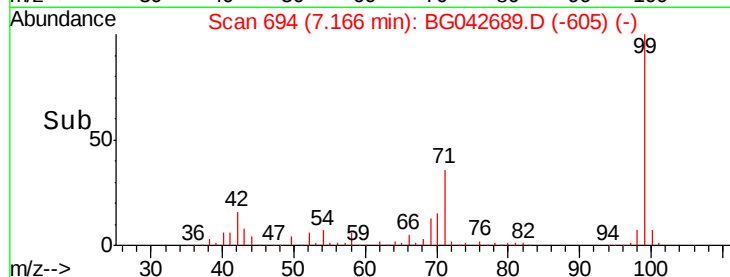
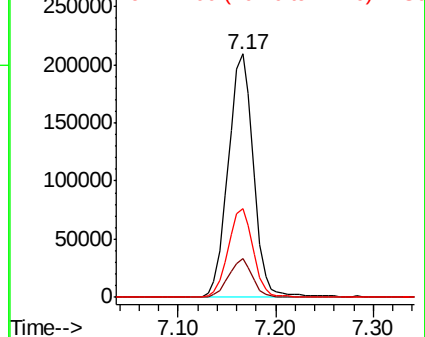
99 100

42 15.7 12.0 18.0

71 36.3 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: 8.887 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

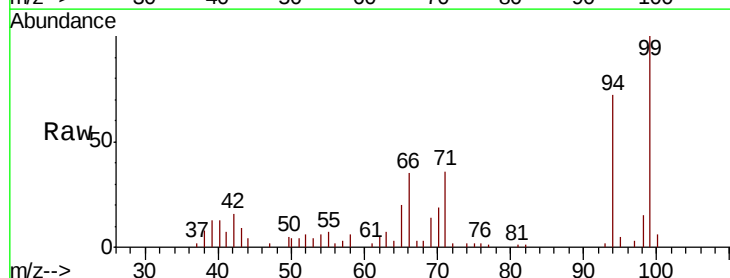
Tgt Ion: 94 Resp: 20620

Ion Ratio Lower Upper

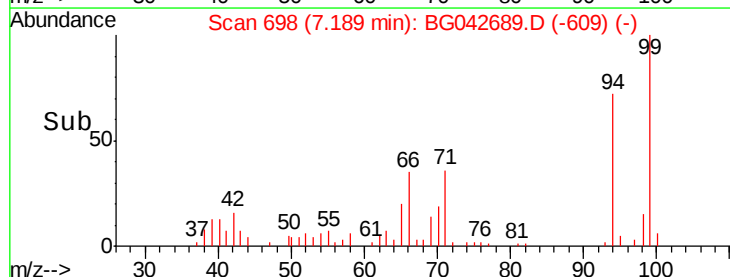
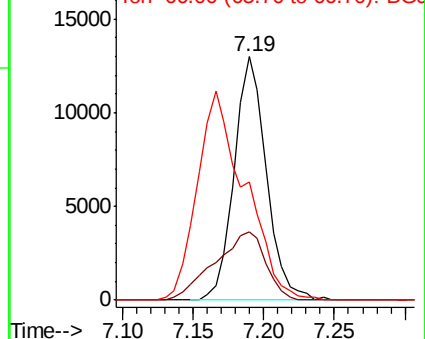
94 100

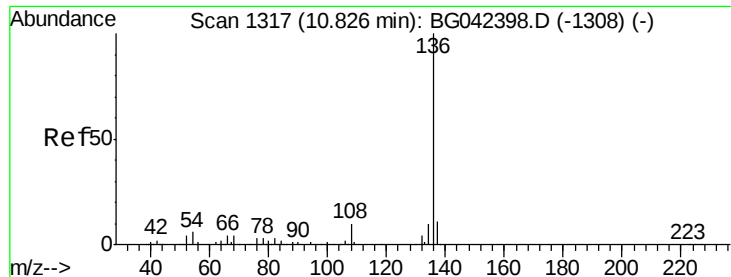
65 28.2 5.6 45.6

66 48.6 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

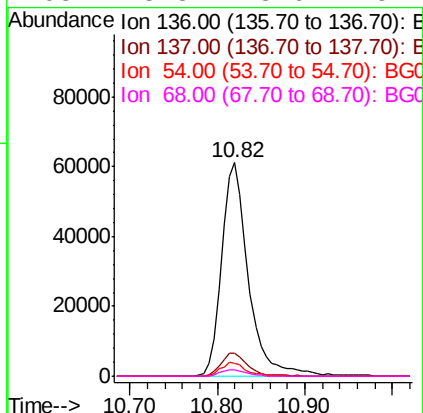
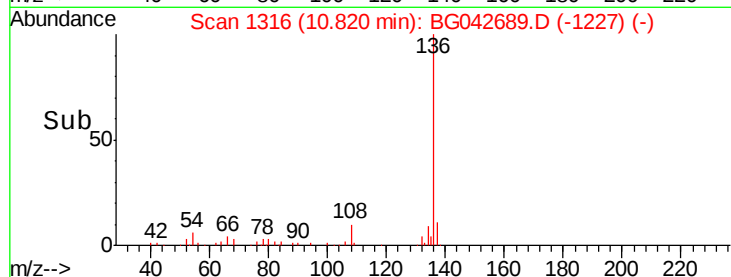
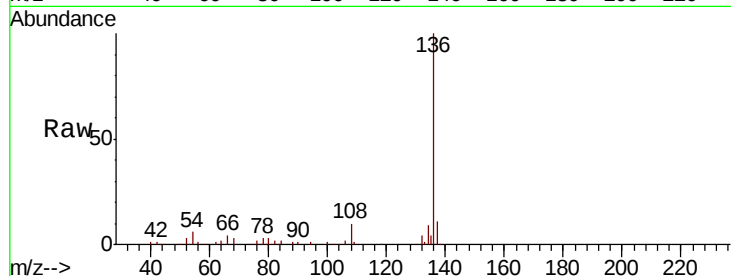




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042689.D
Acq: 3 Sep 2019 15:17

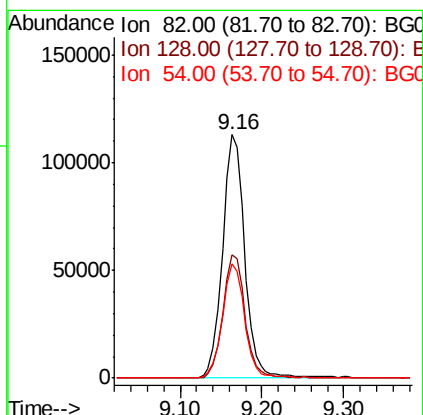
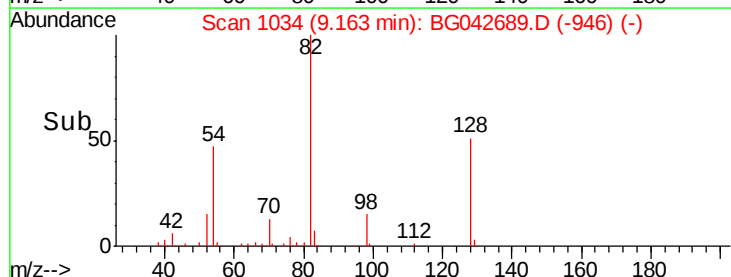
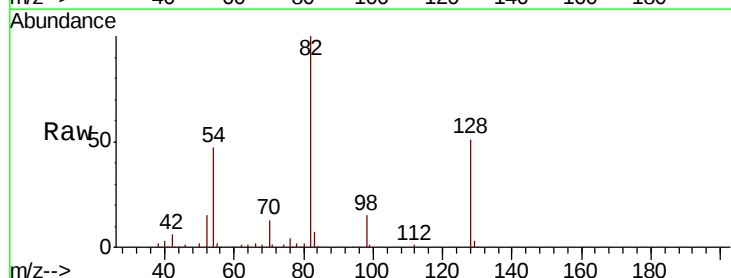
Instrument :
BNA_G
ClientSampleId :
SB-13-(13-15)

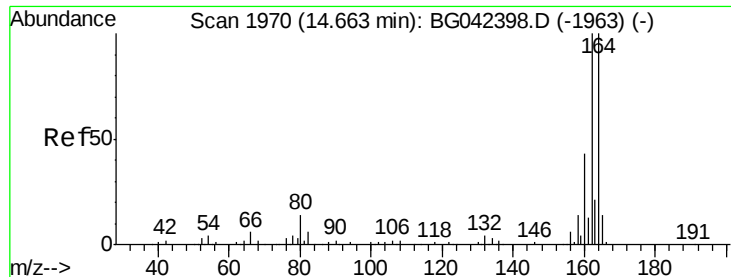
Tot Ion:136	Resp:	128420
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.7 13.1
54	6.1	4.9 7.3
68	3.3	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 115.140 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042689.D
Acq: 3 Sep 2019 15:17

Tgt Ion: 82	Resp:	213972
Ion	Ratio	Lower Upper
82	100	
128	50.7	40.7 61.1
54	47.1	36.3 54.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)

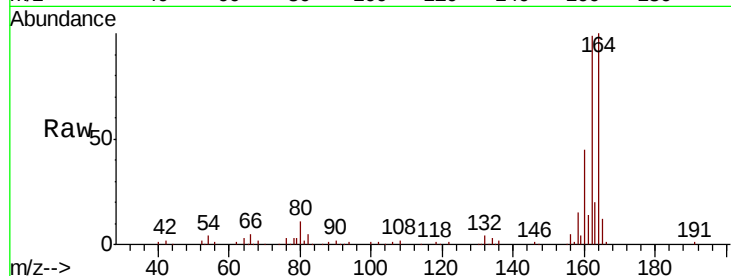
Tot Ion:164 Resp: 100081

Ion Ratio Lower Upper

164 100

162 99.1 79.9 119.9

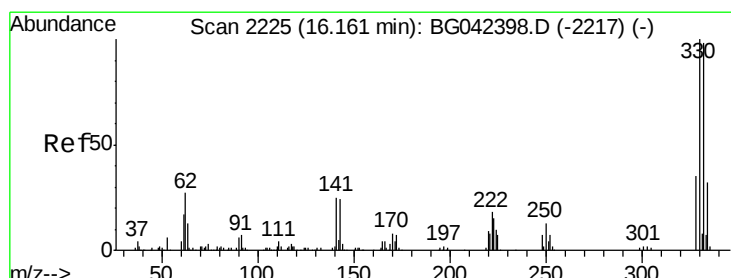
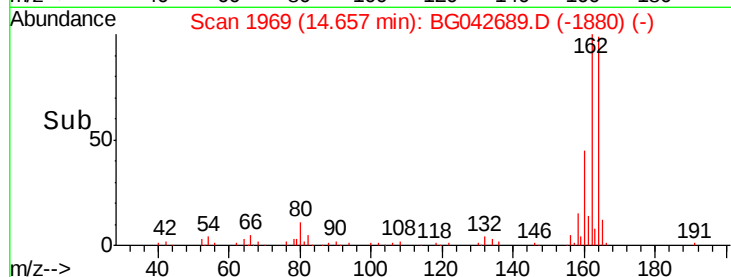
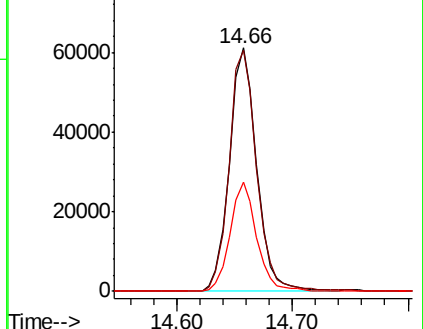
160 44.7 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 200.343 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

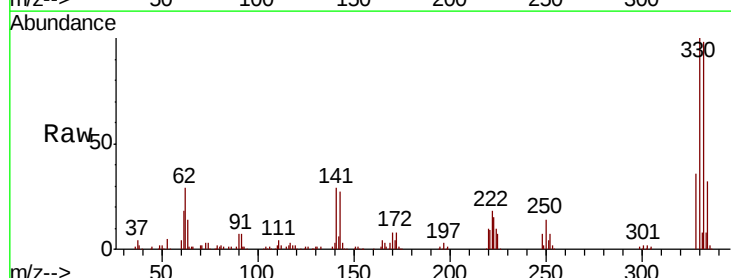
Tgt Ion:330 Resp: 284986

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

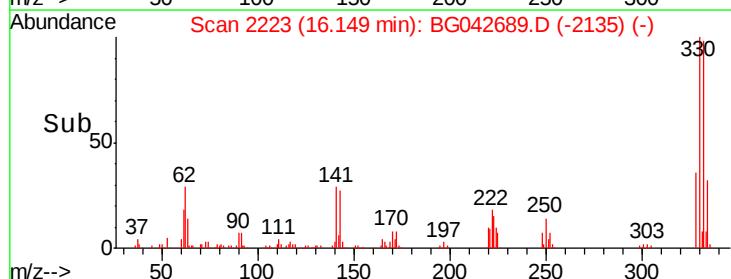
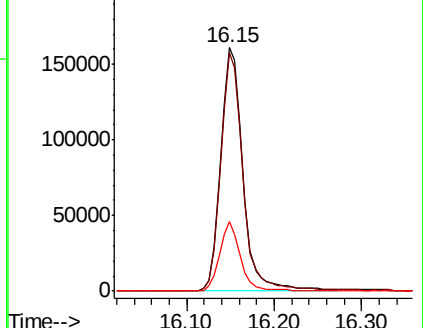
141 26.6 21.4 32.0



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

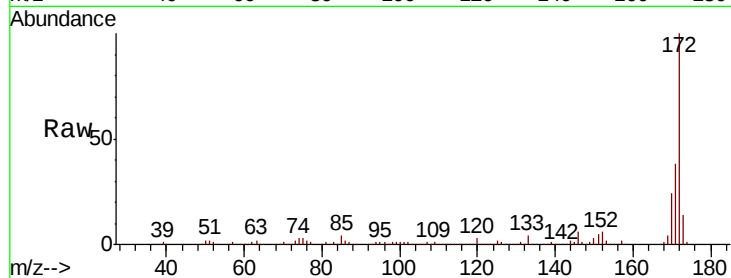




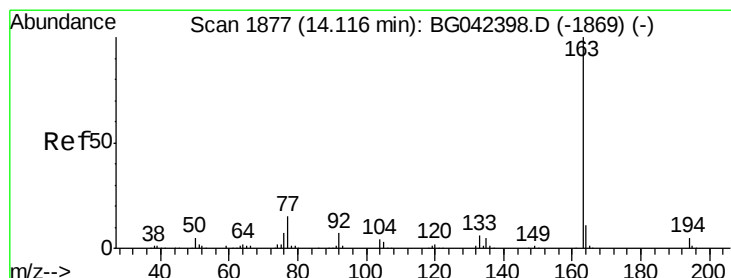
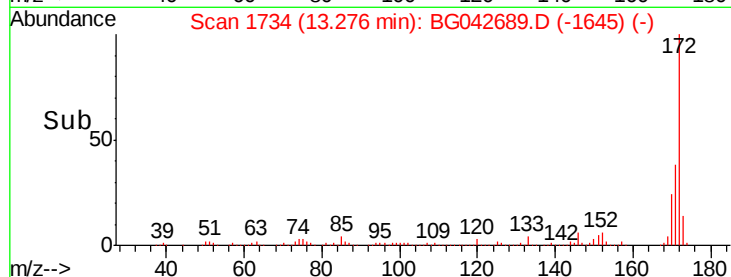
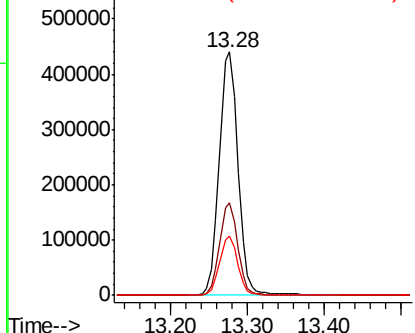
#45
 2-Fluorobiphenyl
 Concen: 126.436 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042689.D
 Acq: 3 Sep 2019 15:17

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-(13-15)

Tot Ion:172 Resp: 748182
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.5 45.7
 170 24.4 20.2 30.2

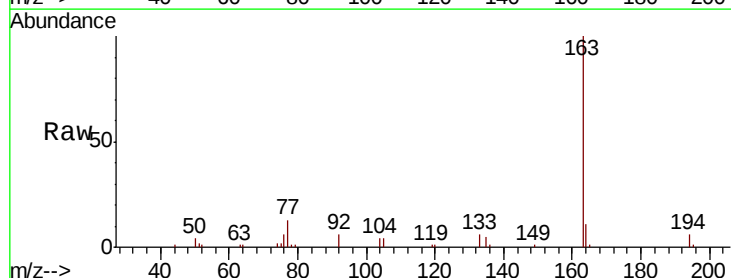


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

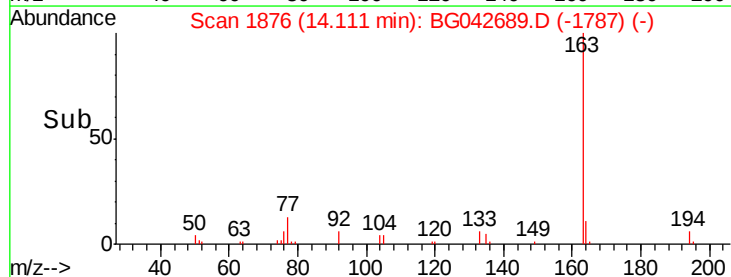
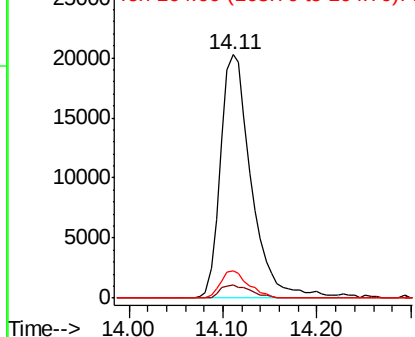


#50
 Dimethylphthalate
 Concen: 6.419 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG042689.D
 Acq: 3 Sep 2019 15:17

Tgt Ion:163 Resp: 46351
 Ion Ratio Lower Upper
 163 100
 194 5.7 4.2 6.2
 164 11.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)

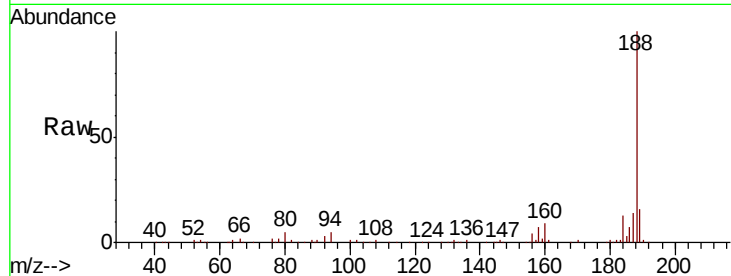
Tot Ion:188 Resp: 239669

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7

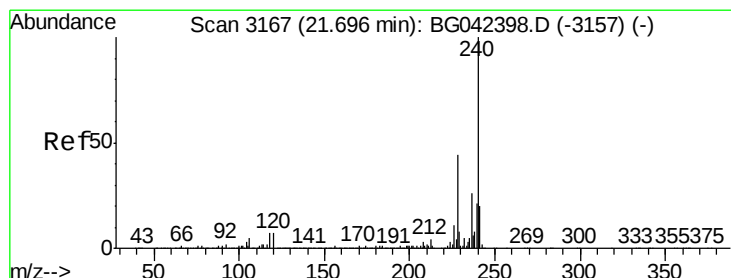
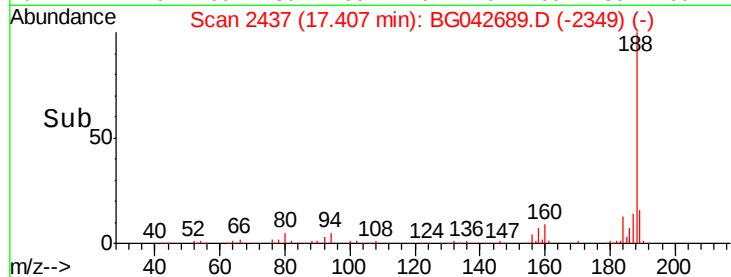
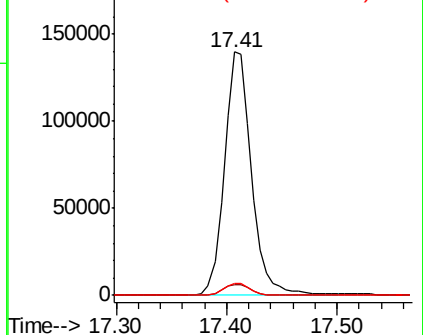
80 5.1 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

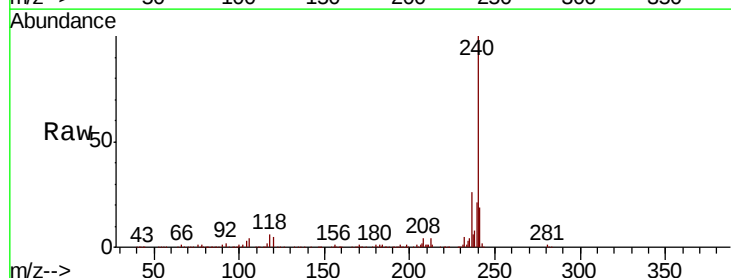
Tgt Ion:240 Resp: 264797

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

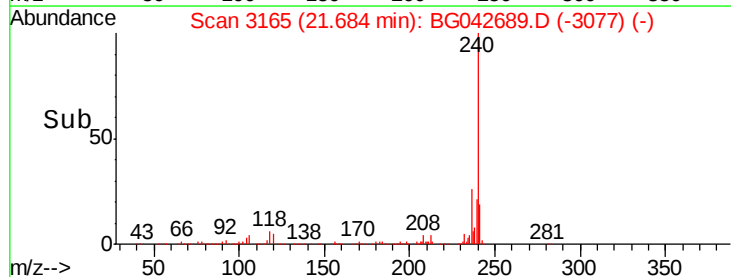
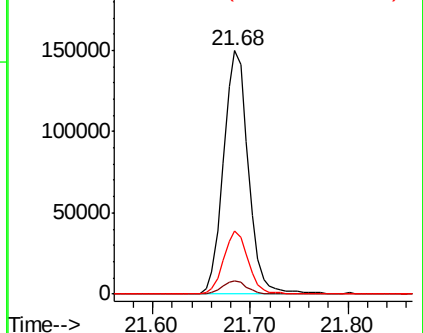
236 26.1 21.0 31.4



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: 118.300 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042689.D

Acq: 3 Sep 2019 15:17

Instrument :

BNA_G

ClientSampleId :

SB-13-(13-15)

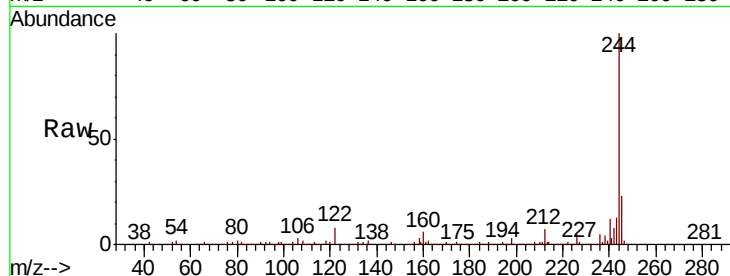
Tot Ion:244 Resp: 1448966

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

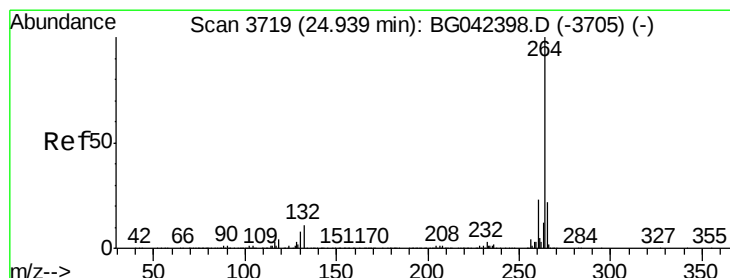
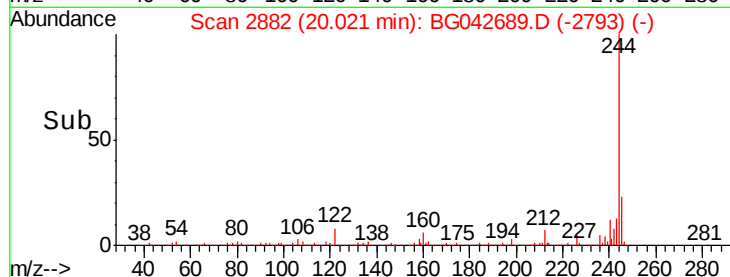
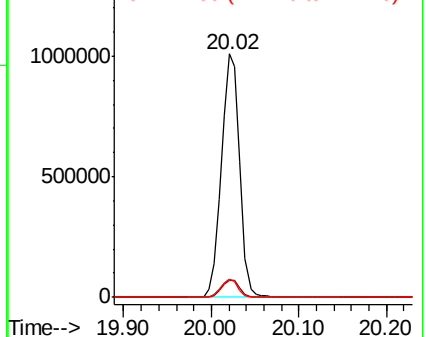
122 7.6 6.7 10.1



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: BG042689.D

Acq: 3 Sep 2019 15:17

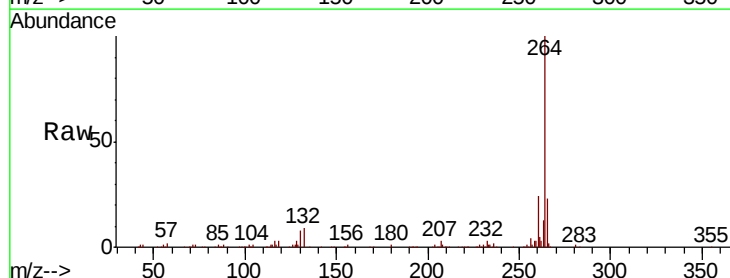
Tgt Ion:264 Resp: 309620

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 23.2 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

