

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042668.D
 Acq On : 1 Sep 2019 19:15
 Operator : HP/JU
 Sample : K4554-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-(13-15)

Quant Time: Sep 02 08:01:46 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

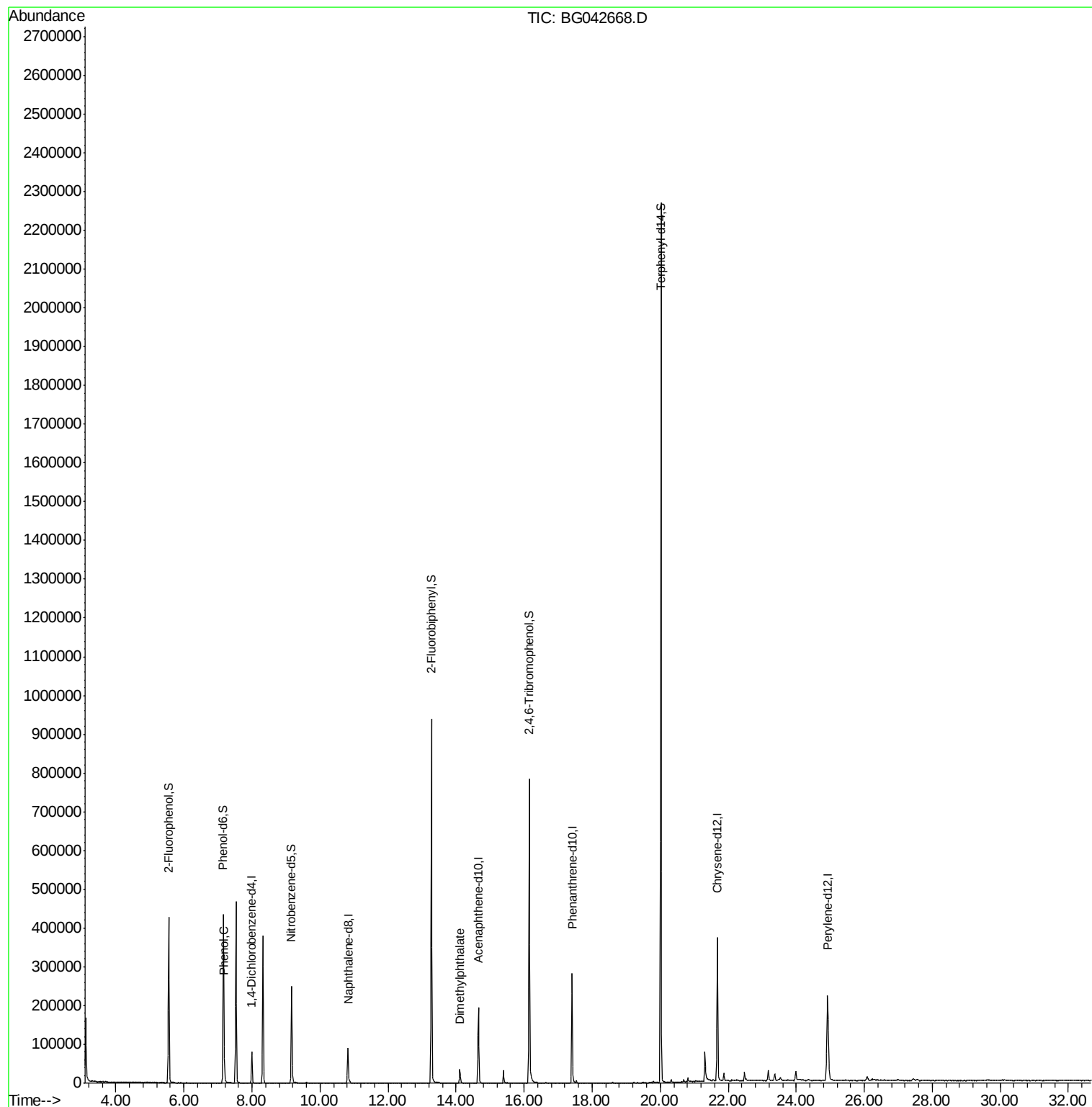
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28044	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	107136	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	84924	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	218682	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	249734	20.00	ng	-0.01
87) Perylene-d12	24.92	264	292072	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	213286	154.03	ng	-0.01
7) Phenol-d6	7.16	99	286604	153.23	ng	-0.01
23) Nitrobenzene-d5	9.16	82	165401	106.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	219229	181.62	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	592798	118.06	ng	0.00
79) Terphenyl-d14	20.02	244	1240132	107.36	ng	0.00
Target Compounds						
10) Phenol	7.18	94	23187	12.193	ng	Qvalue 90
50) Dimethylphthalate	14.11	163	43727	7.136	ng	# 97

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

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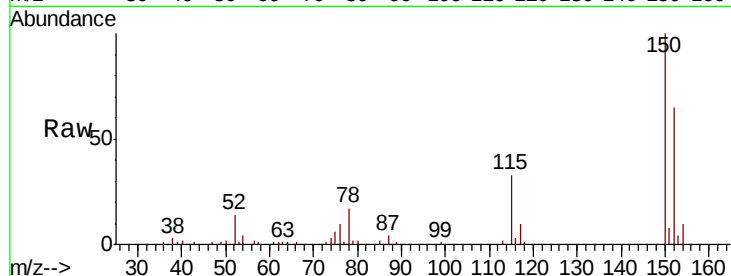


#1

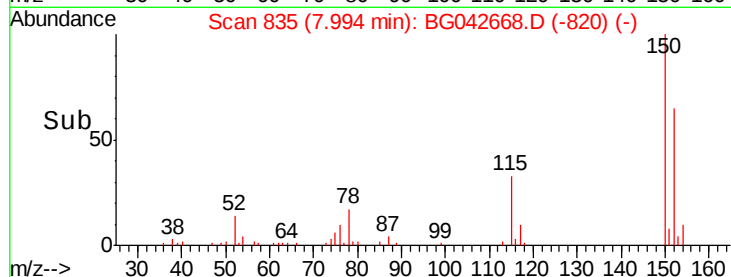
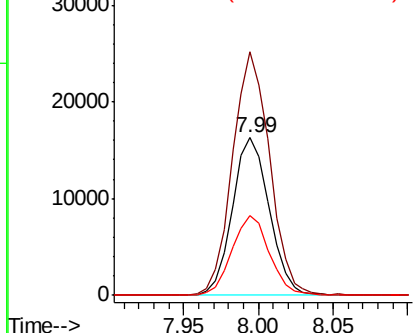
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042668.D
Acq: 1 Sep 2019 19:15

Instrument :
BNA_G
ClientSampleId :
SB-14-(13-15)

Tot Ion:152 Resp: 28044
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.0
115 50.7 38.5 57.7



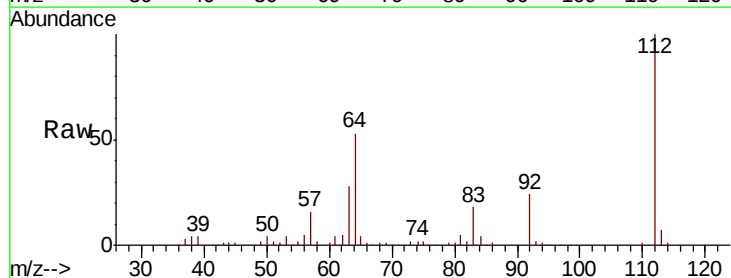
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



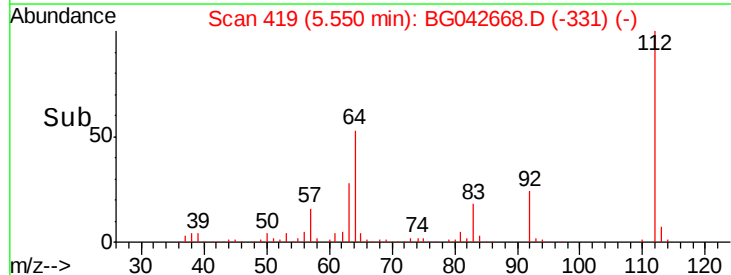
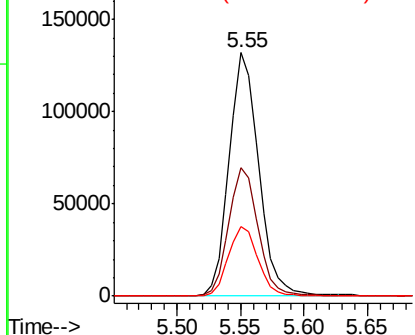
#5

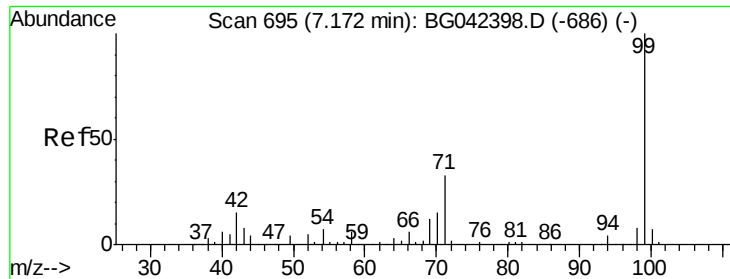
2-Fluorophenol
Concen: 154.032 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042668.D
Acq: 1 Sep 2019 19:15

Tgt Ion:112 Resp: 213286
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 28.4 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 153.231 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042668.D

Acq: 1 Sep 2019 19:15

Instrument :

BNA_G

ClientSampleId :

SB-14-(13-15)

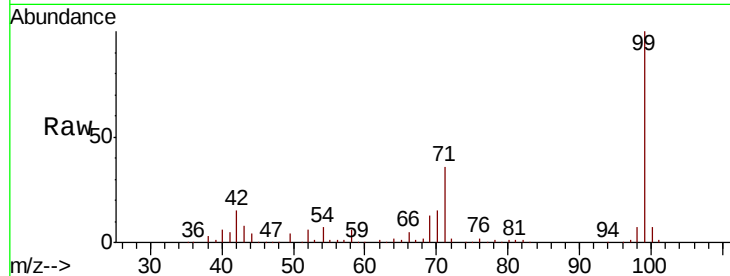
Tot Ion: 99 Resp: 286604

Ion Ratio Lower Upper

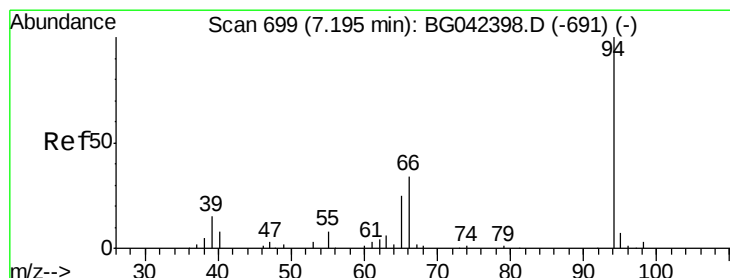
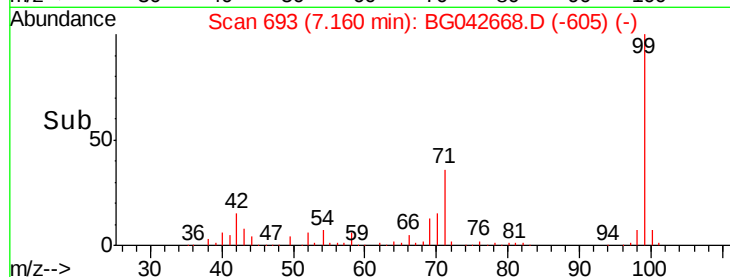
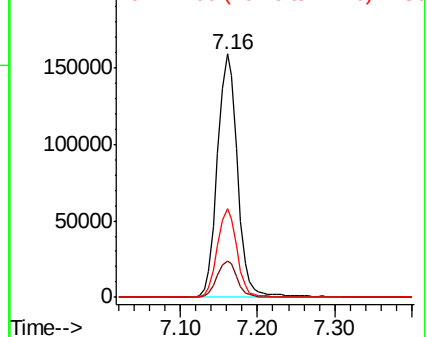
99 100

42 15.0 12.0 18.0

71 36.2 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: 12.193 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042668.D

Acq: 1 Sep 2019 19:15

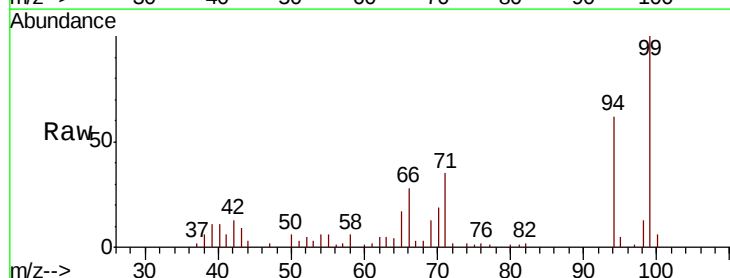
Tgt Ion: 94 Resp: 23187

Ion Ratio Lower Upper

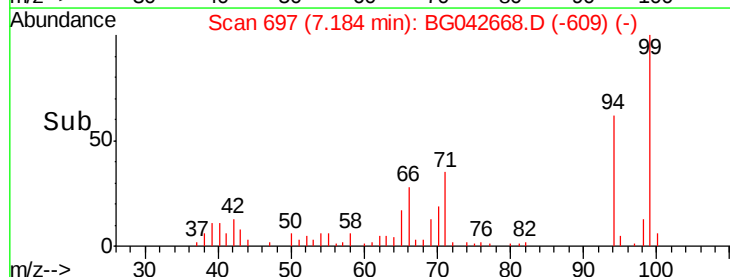
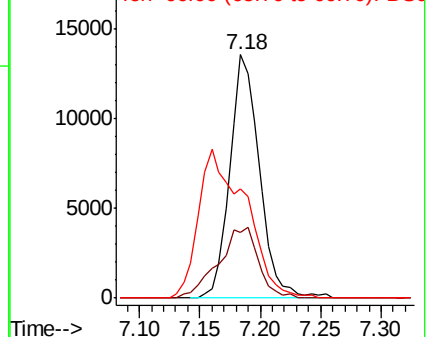
94 100

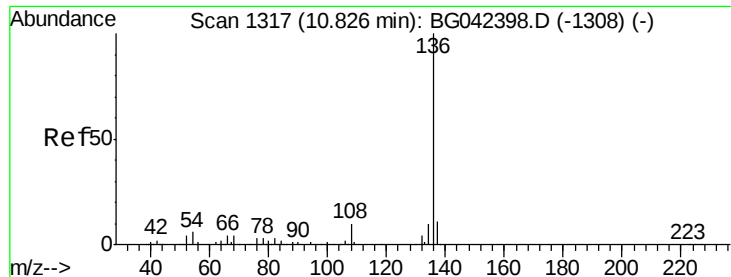
65 26.7 5.6 45.6

66 45.1 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

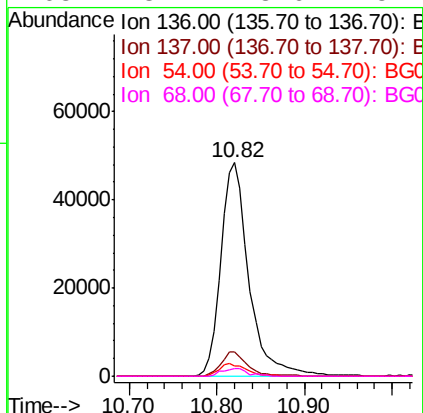
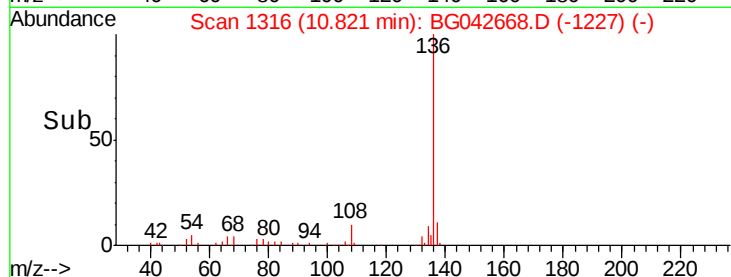
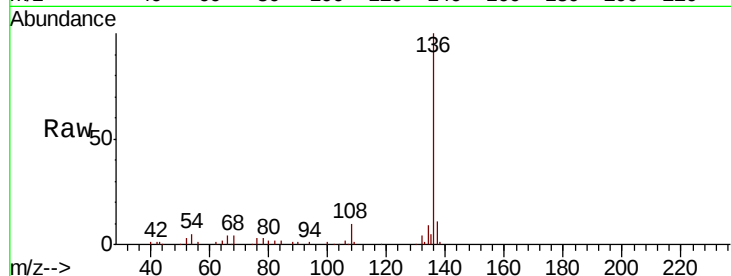




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042668.D
Acq: 1 Sep 2019 19:15

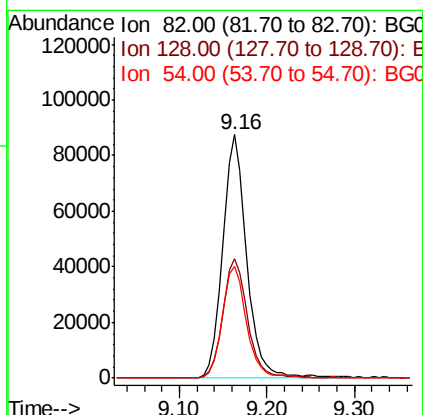
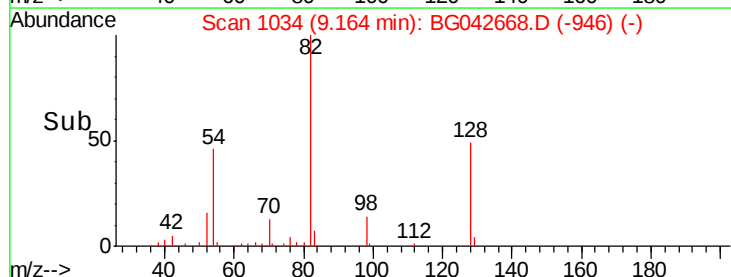
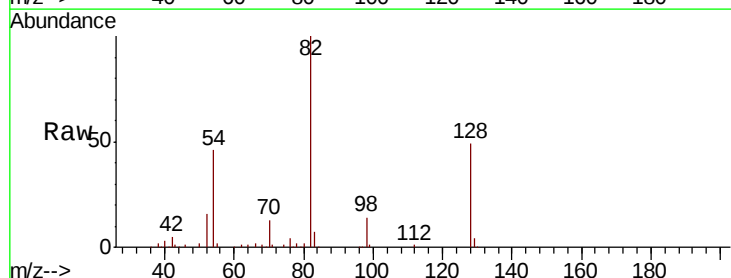
Instrument :
BNA_G
ClientSampleId :
SB-14-(13-15)

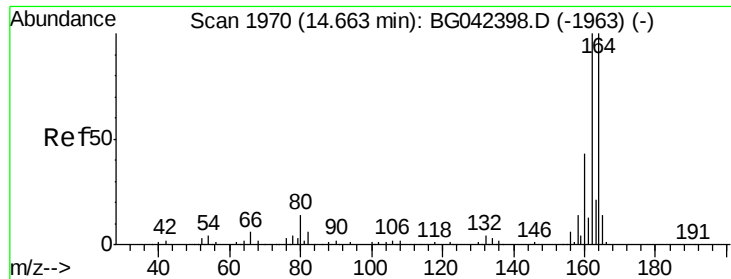
Tot Ion:136	Resp:	107136
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	5.0	4.9 7.3
68	3.7	3.6 5.4



#23
Nitrobenzene-d5
Concen: 106.686 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042668.D
Acq: 1 Sep 2019 19:15

Tgt Ion: 82	Resp:	165401
Ion	Ratio	Lower Upper
82	100	
128	49.2	40.7 61.1
54	46.1	36.3 54.5

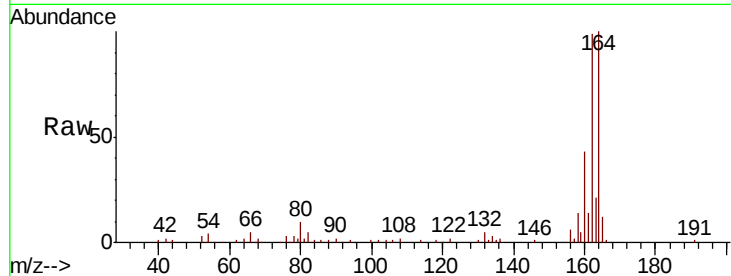




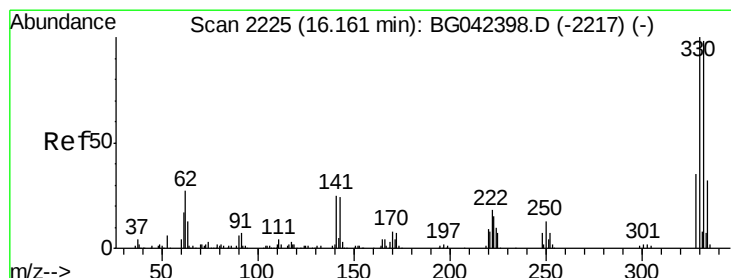
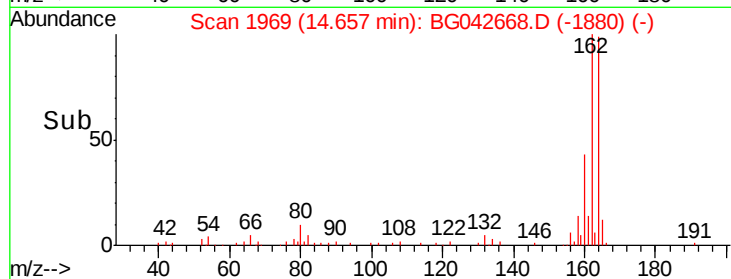
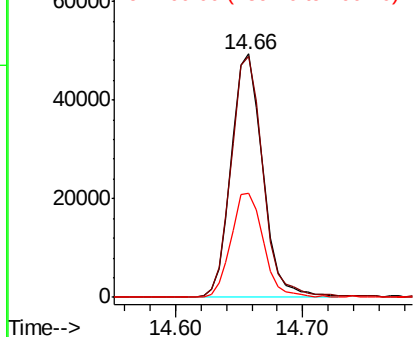
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042668.D
 Acq: 1 Sep 2019 19:15

Instrument :
 BNA_G
 ClientSampleId :
 SB-14-(13-15)

Tot Ion:164 Resp: 84924
 Ion Ratio Lower Upper
 164 100
 162 99.2 79.9 119.9
 160 43.0 34.3 51.5

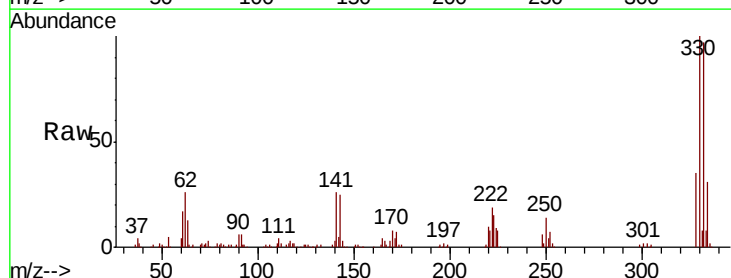


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

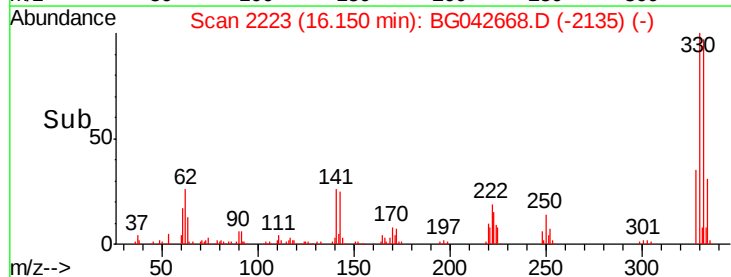
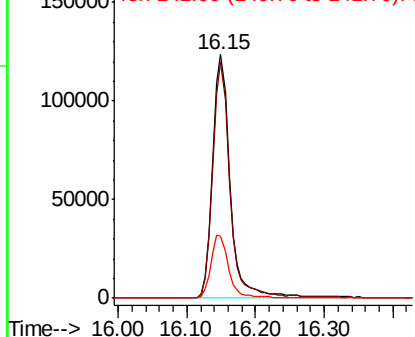


#42
 2,4,6-Tribromophenol
 Concen: 181.623 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042668.D
 Acq: 1 Sep 2019 19:15

Tgt Ion:330 Resp: 219229
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 25.9 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

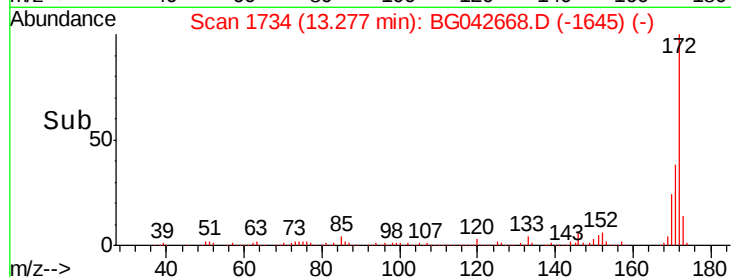
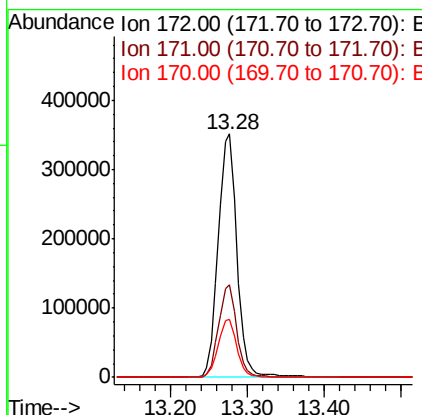
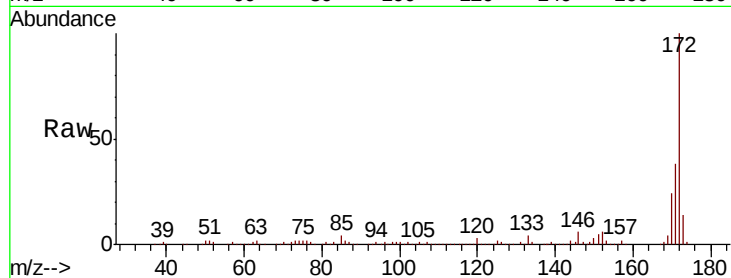




#45
 2-Fluorobiphenyl
 Concen: 118.057 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042668.D
 Acq: 1 Sep 2019 19:15

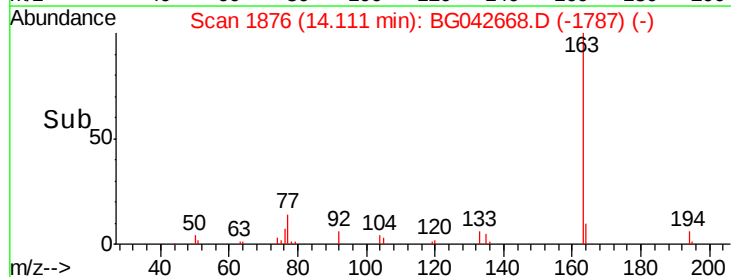
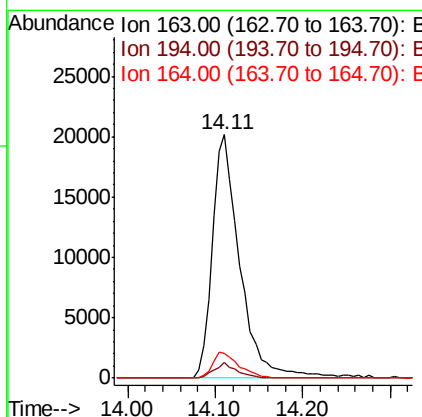
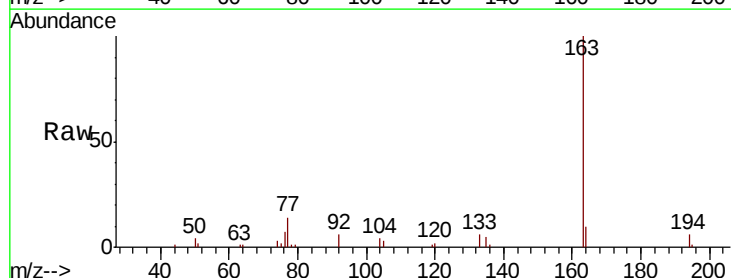
Instrument :
 BNA_G
 ClientSampleId :
 SB-14-(13-15)

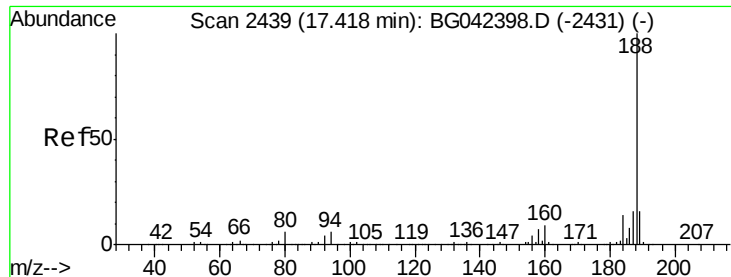
Tot Ion:172 Resp: 592798
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.5 45.7
 170 23.9 20.2 30.2



#50
 Dimethylphthalate
 Concen: 7.136 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG042668.D
 Acq: 1 Sep 2019 19:15

Tgt Ion:163 Resp: 43727
 Ion Ratio Lower Upper
 163 100
 194 6.4 4.2 6.2#
 164 10.1 8.8 13.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042668.D

Acq: 1 Sep 2019 19:15

Instrument :

BNA_G

ClientSampleId :

SB-14-(13-15)

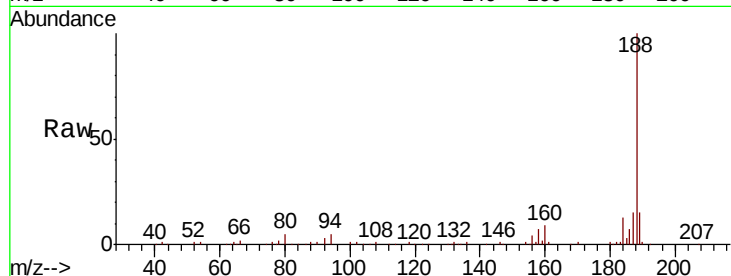
Tot Ion:188 Resp: 218682

Ion Ratio Lower Upper

188 100

94 4.8 4.5 6.7

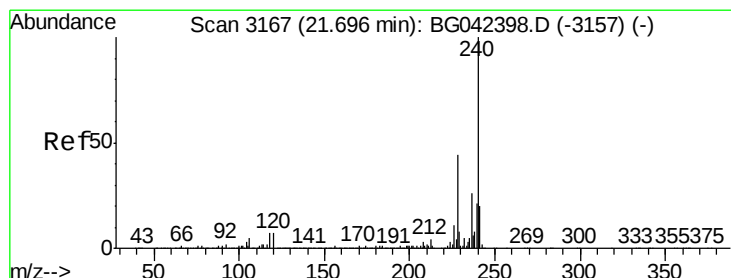
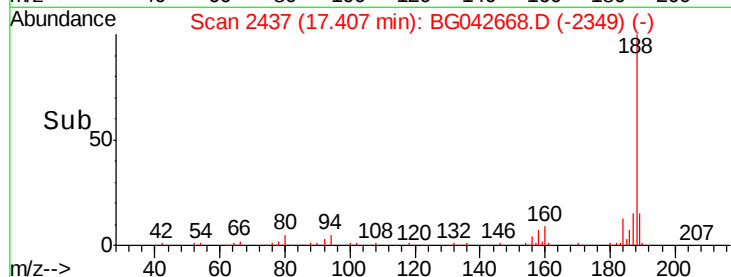
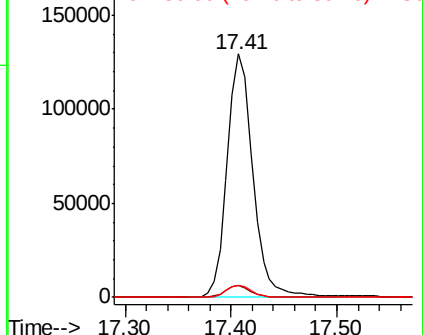
80 5.1 4.9 7.3



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: BG042668.D

Acq: 1 Sep 2019 19:15

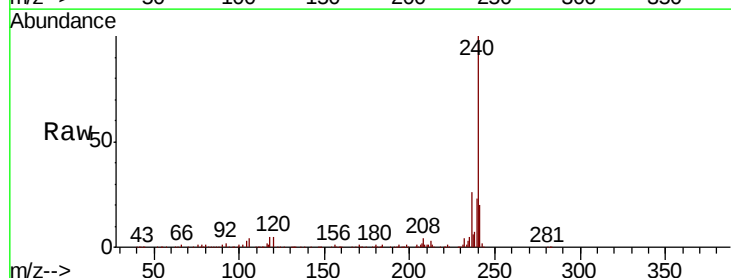
Tgt Ion:240 Resp: 249734

Ion Ratio Lower Upper

240 100

120 5.0 5.7 8.5#

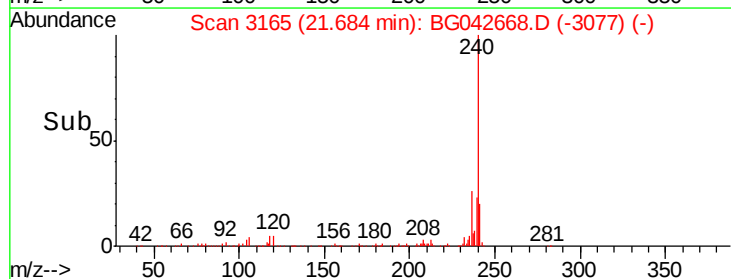
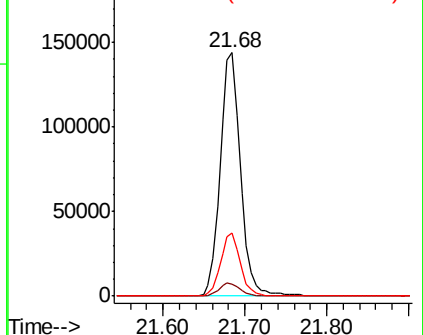
236 25.7 21.0 31.4



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: 107.357 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042668.D

Acq: 1 Sep 2019 19:15

Instrument :

BNA_G

ClientSampleId :

SB-14-(13-15)

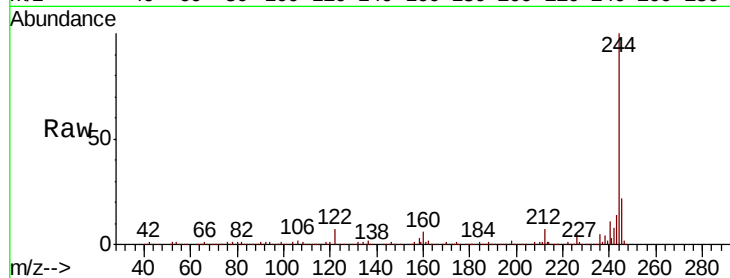
Tot Ion:244 Resp: 1240132

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

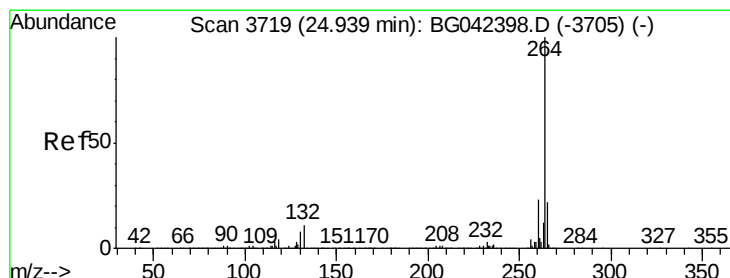
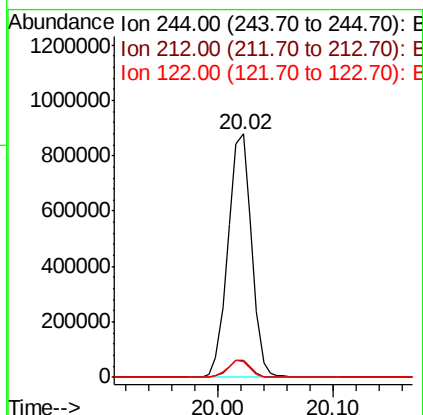
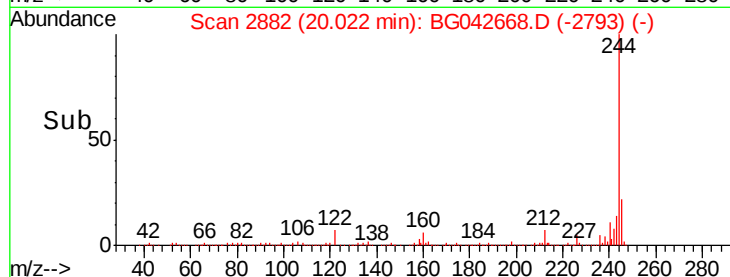
122 6.6 6.7 10.1#



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: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042668.D

Acq: 1 Sep 2019 19:15

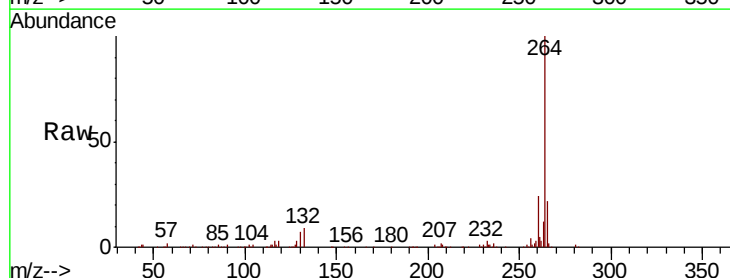
Tgt Ion:264 Resp: 292072

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 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

