

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042673.D
 Acq On : 1 Sep 2019 22:27
 Operator : HP/JU
 Sample : K4554-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9-(0-2)

Quant Time: Sep 02 08:17:21 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

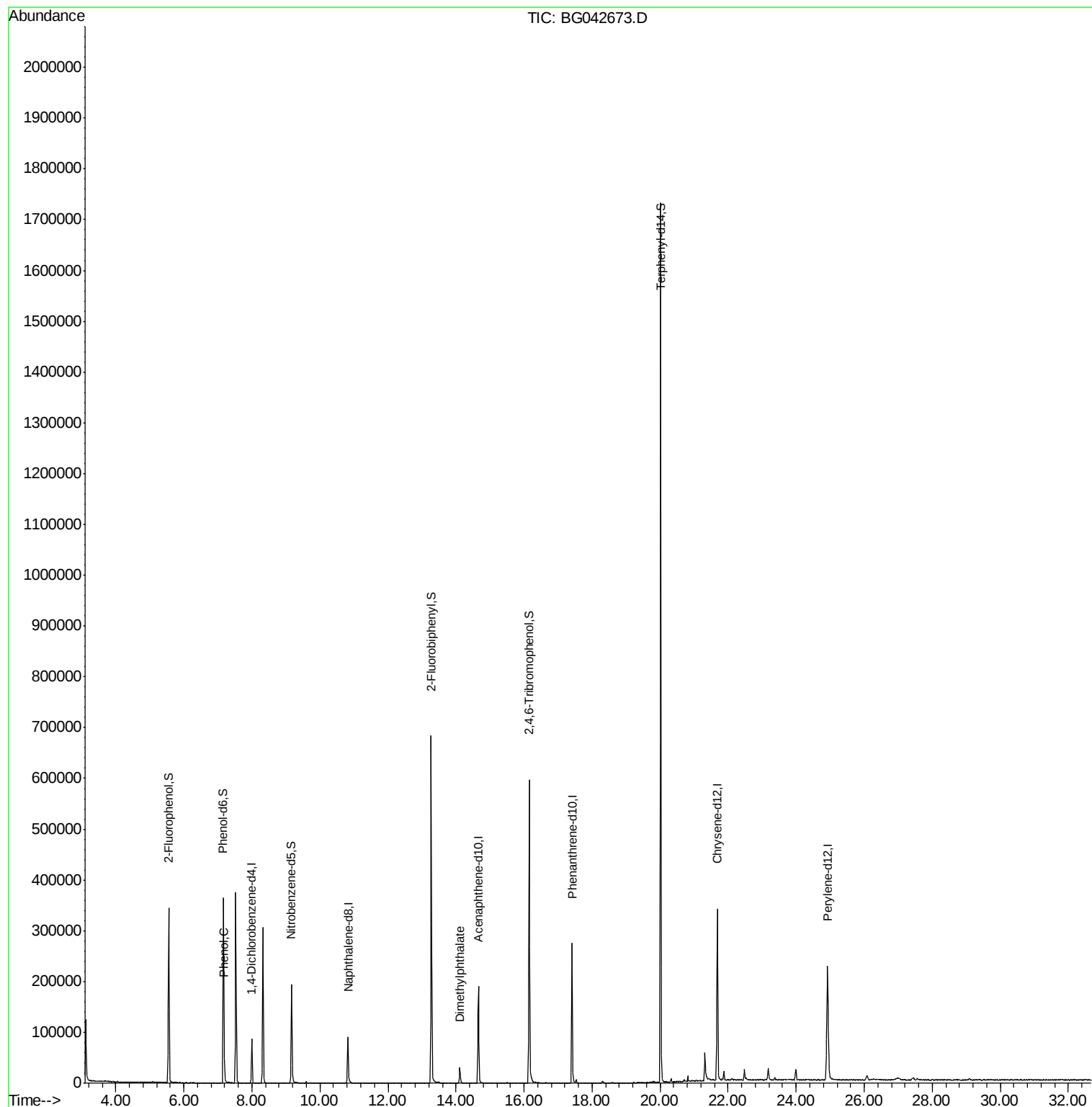
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27707	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	107377	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	85547	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	216051	20.00	ng	0.00
76) Chrysene-d12	21.68	240	243761	20.00	ng	-0.02
87) Perylene-d12	24.92	264	285242	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	176820	129.25	ng	0.00
7) Phenol-d6	7.16	99	234518	126.91	ng	0.00
23) Nitrobenzene-d5	9.17	82	134473	86.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	171339	140.91	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	444986	87.97	ng	0.00
79) Terphenyl-d14	20.02	244	934992	82.92	ng	0.00
Target Compounds						
10) Phenol	7.19	94	18918	10.069	ng	83
50) Dimethylphthalate	14.11	163	38118	6.175	ng	96

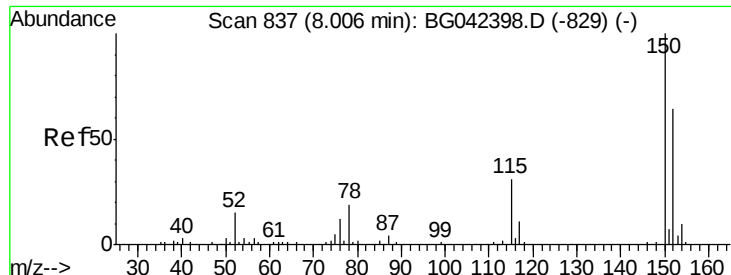
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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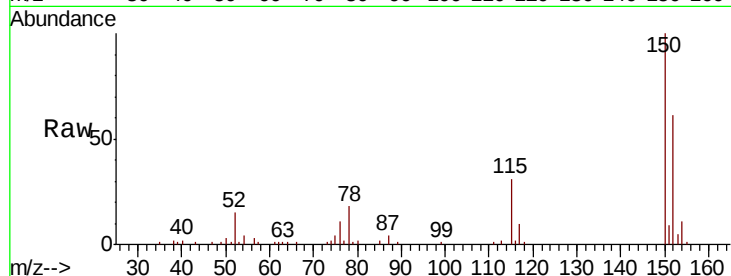


#1

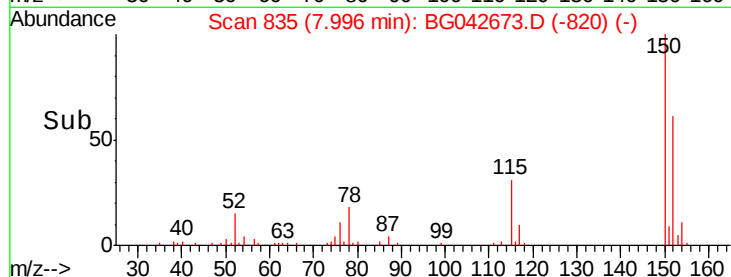
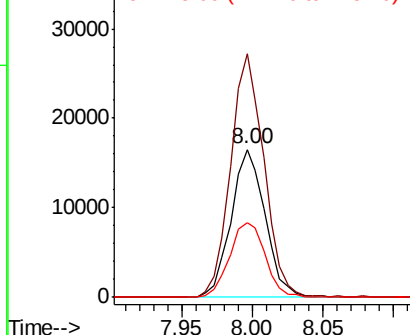
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042673.D
Acq: 1 Sep 2019 22:27

Instrument :
BNA_G
ClientSampleId :
SB-9-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.3	125.4	188.0
115	50.4	38.5	57.7



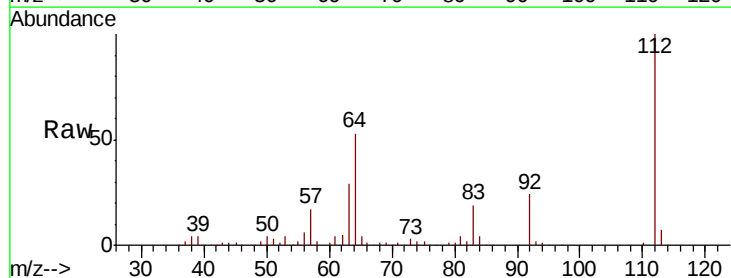
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



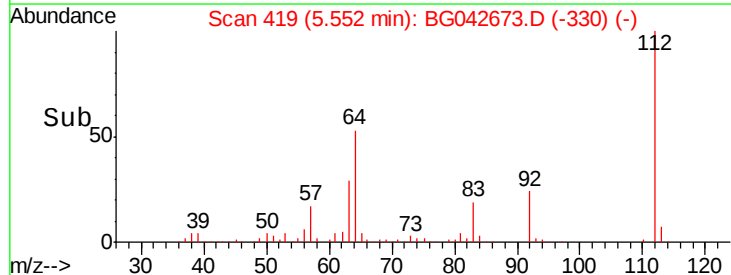
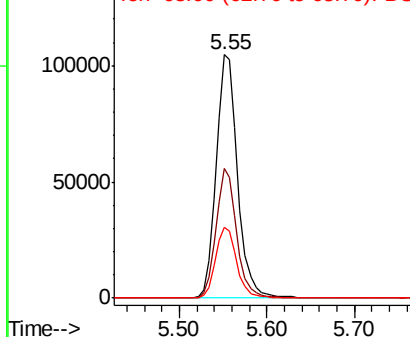
#5

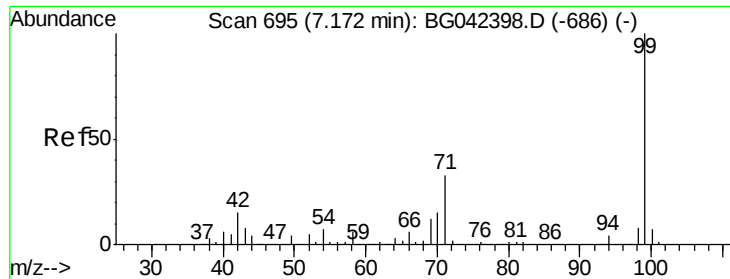
2-Fluorophenol
Concen: 129.250 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042673.D
Acq: 1 Sep 2019 22:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.8	64.2
63	29.1	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: 126.909 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042673.D

Acq: 1 Sep 2019 22:27

Instrument :

BNA_G

ClientSampleId :

SB-9-(0-2)

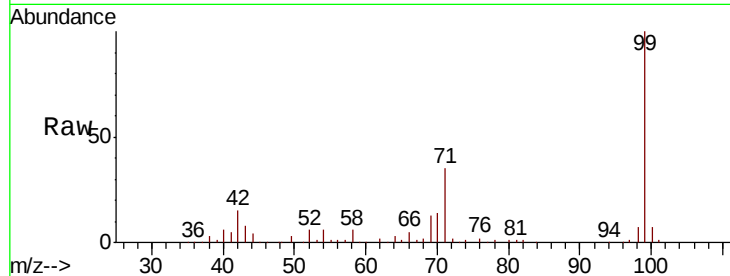
Tot Ion: 99 Resp: 234518

Ion Ratio Lower Upper

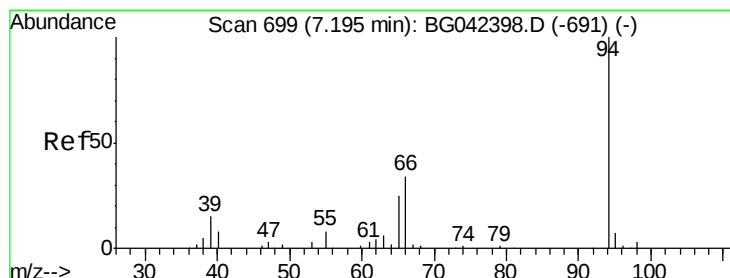
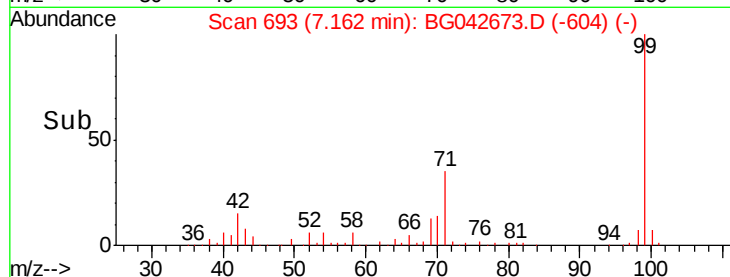
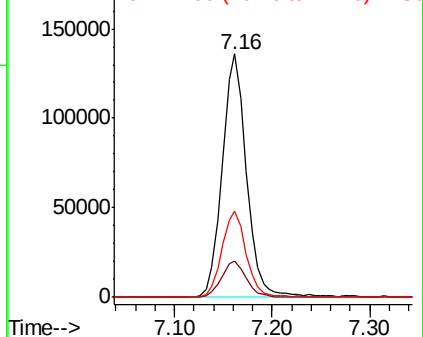
99 100

42 14.8 12.0 18.0

71 35.4 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: 10.069 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042673.D

Acq: 1 Sep 2019 22:27

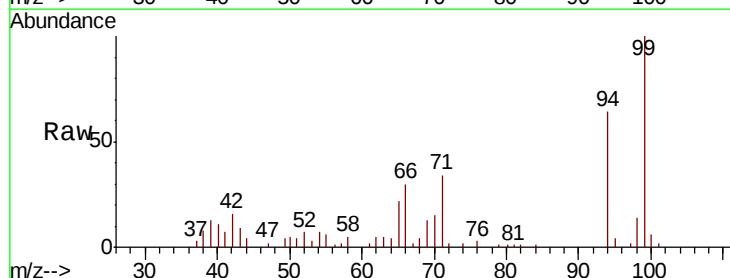
Tgt Ion: 94 Resp: 18918

Ion Ratio Lower Upper

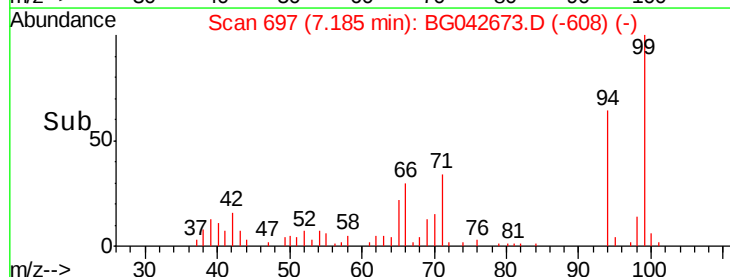
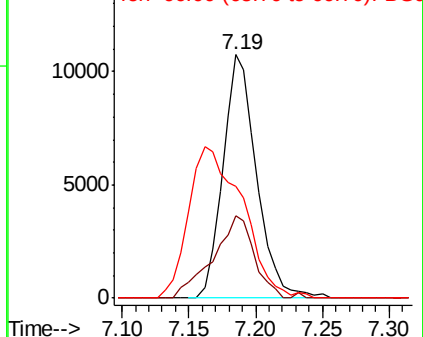
94 100

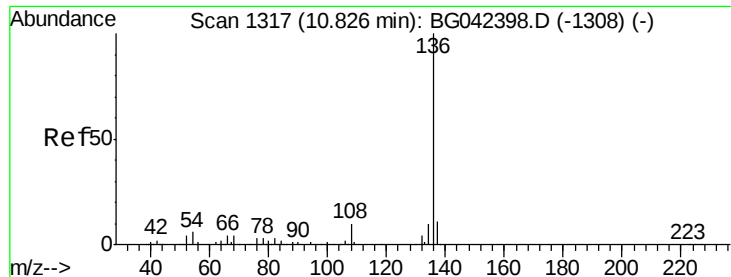
65 34.1 5.6 45.6

66 46.0 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. -0.00 min

Lab File: BG042673.D

Acq: 1 Sep 2019 22:27

Instrument :

BNA_G

ClientSampleId :

SB-9-(0-2)

Tot Ion:136 Resp: 107377

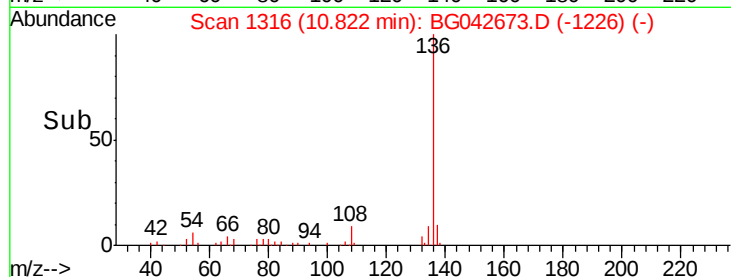
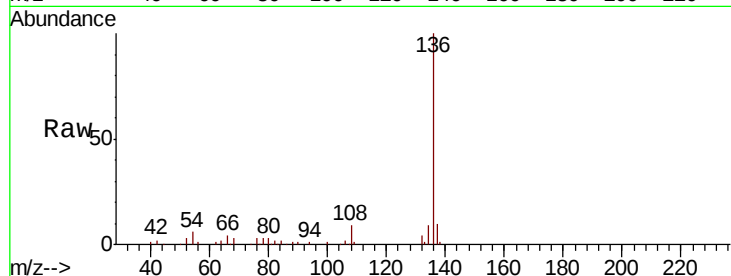
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 5.6 4.9 7.3

68 2.7 3.6 5.4#

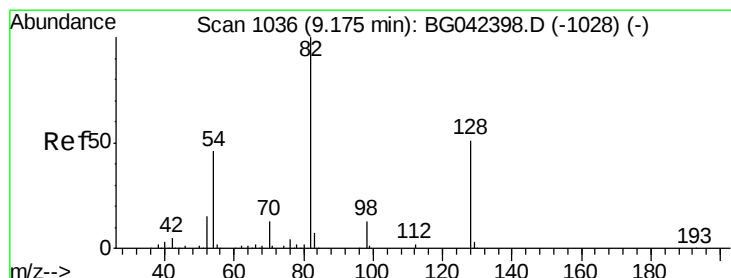
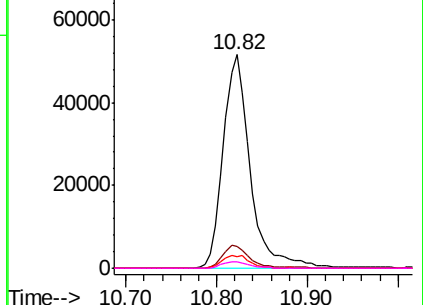


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.542 ng

RT: 9.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042673.D

Acq: 1 Sep 2019 22:27

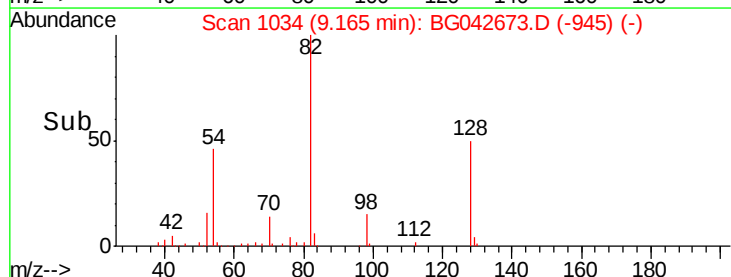
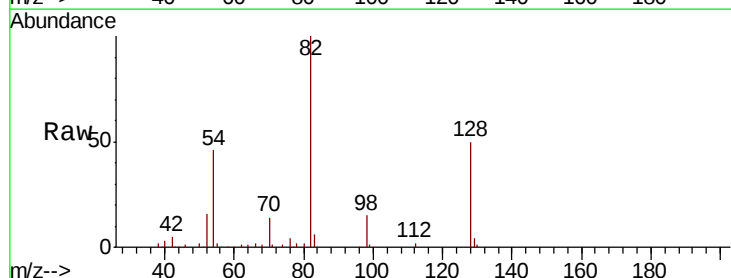
Tgt Ion: 82 Resp: 134473

Ion Ratio Lower Upper

82 100

128 50.4 40.7 61.1

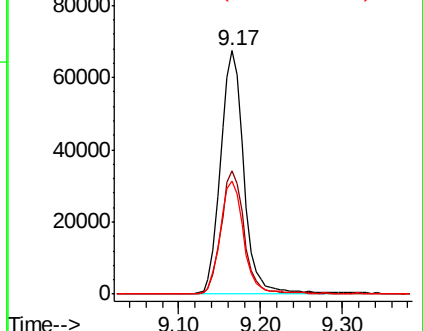
54 46.4 36.3 54.5



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

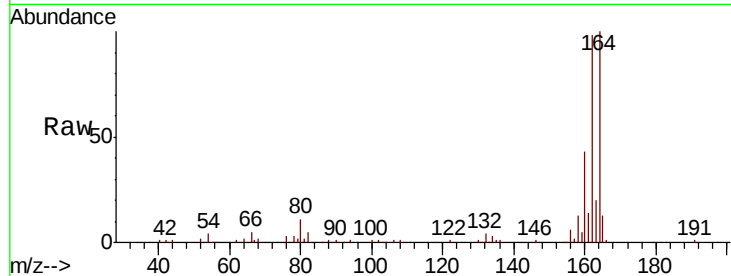




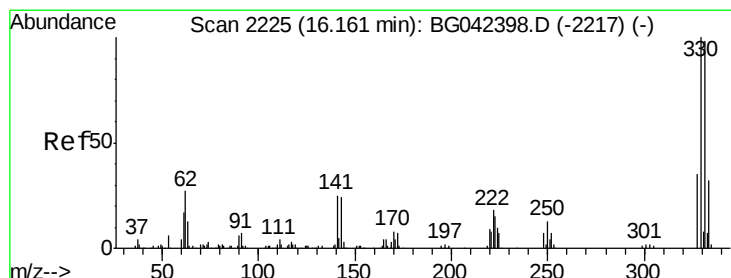
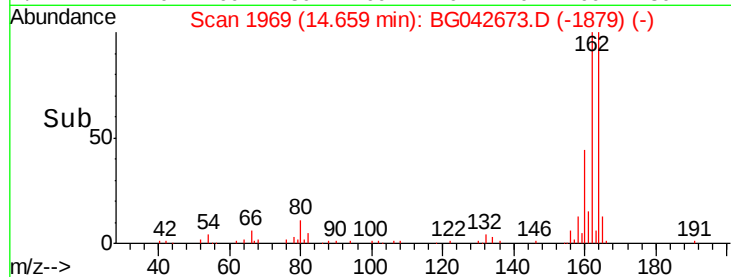
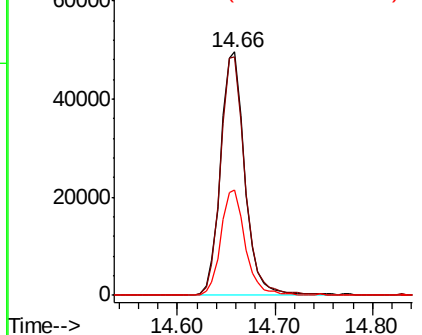
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042673.D
Acq: 1 Sep 2019 22:27

Instrument :
BNA_G
ClientSampleId :
SB-9-(0-2)

Tot Ion:164 Resp: 85547
Ion Ratio Lower Upper
164 100
162 98.0 79.9 119.9
160 43.0 34.3 51.5

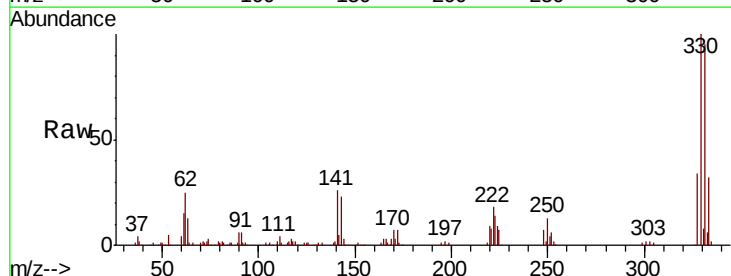


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

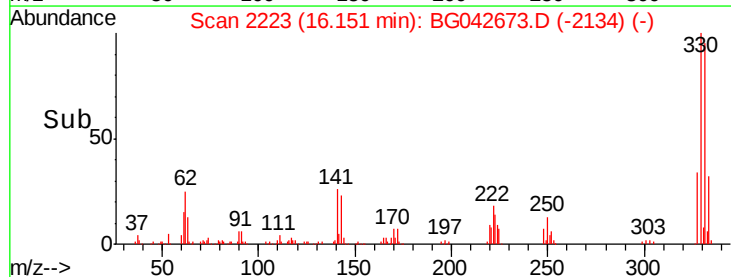
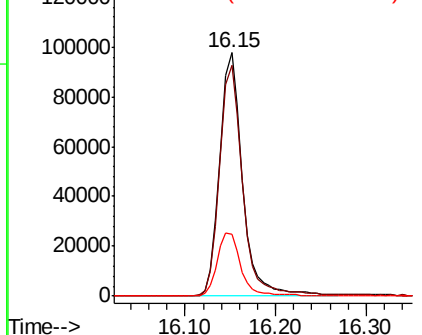


#42
2,4,6-Tribromophenol
Concen: 140.914 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042673.D
Acq: 1 Sep 2019 22:27

Tgt Ion:330 Resp: 171339
Ion Ratio Lower Upper
330 100
332 97.1 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



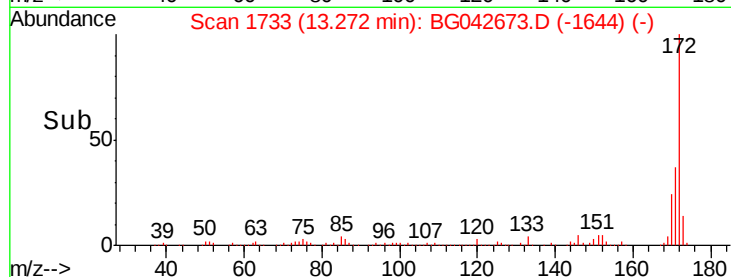
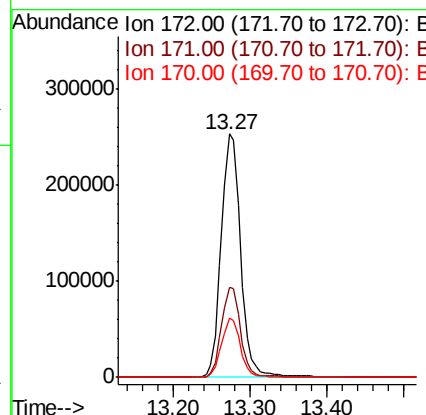
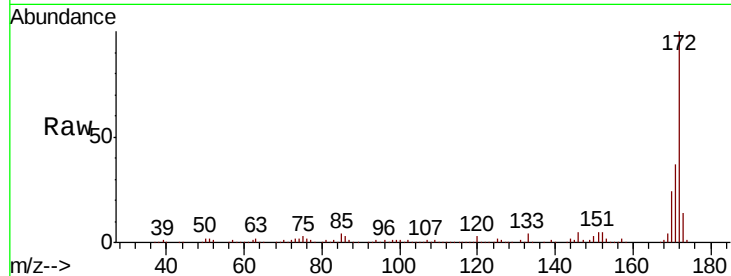


#45
 2-Fluorobiphenyl
 Concen: 87.975 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042673.D
 Acq: 1 Sep 2019 22:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-9-(0-2)

Tot Ion:172 Resp: 444986

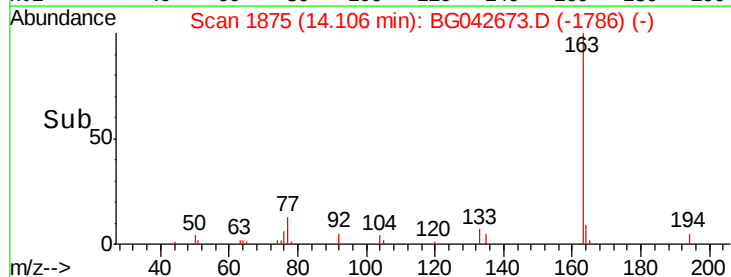
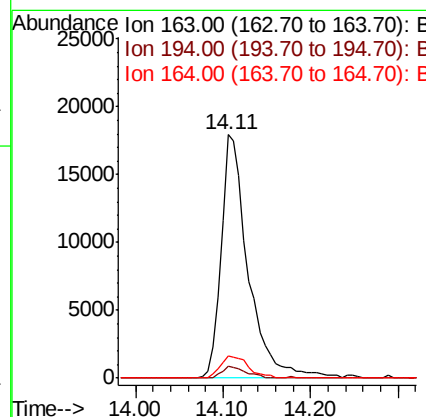
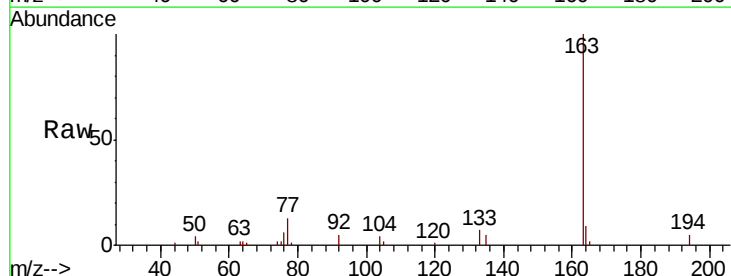
Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.2	20.2	30.2



#50
 Dimethylphthalate
 Concen: 6.175 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG042673.D
 Acq: 1 Sep 2019 22:27

Tgt Ion:163 Resp: 38118

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	9.2	8.8	13.2

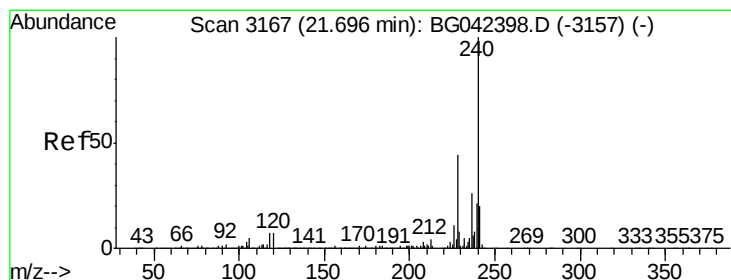
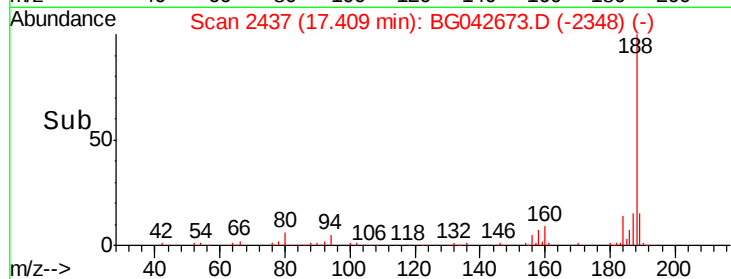
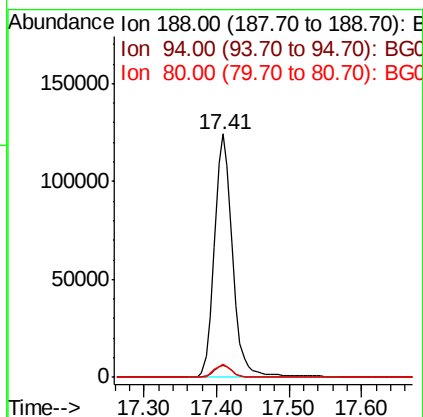
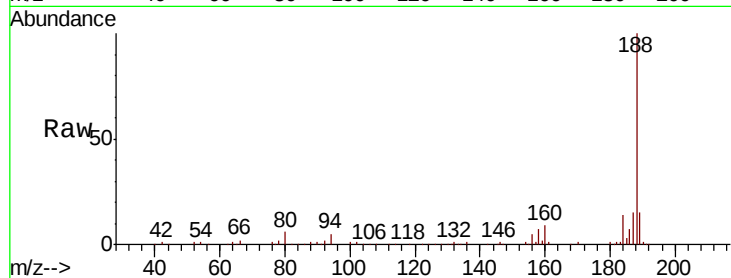




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042673.D
Acq: 1 Sep 2019 22:27

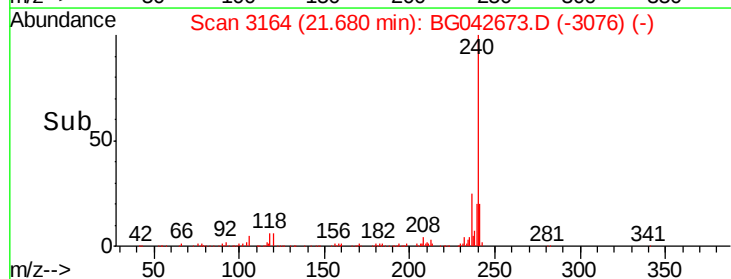
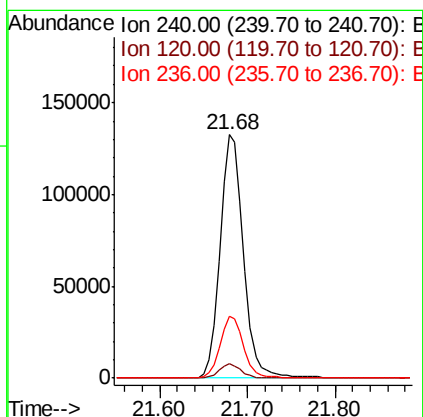
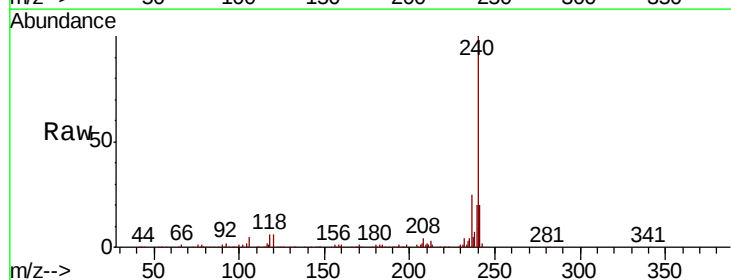
Instrument :
BNA_G
ClientSampleId :
SB-9-(0-2)

Tot Ion:188 Resp: 216051
Ion Ratio Lower Upper
188 100
94 4.8 4.5 6.7
80 5.6 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042673.D
Acq: 1 Sep 2019 22:27

Tgt Ion:240 Resp: 243761
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 25.3 21.0 31.4





#79

Terphenyl-d14

Concen: 82.925 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042673.D

Acq: 1 Sep 2019 22:27

Instrument :

BNA_G

ClientSampleId :

SB-9-(0-2)

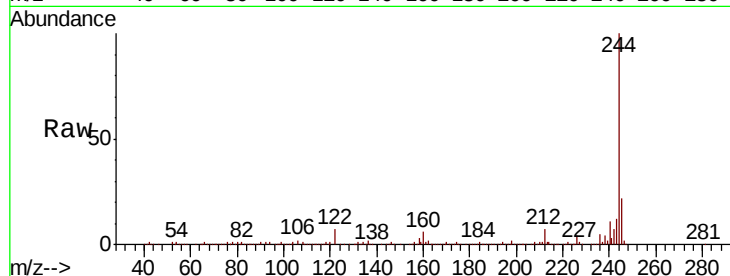
Tot Ion:244 Resp: 934992

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

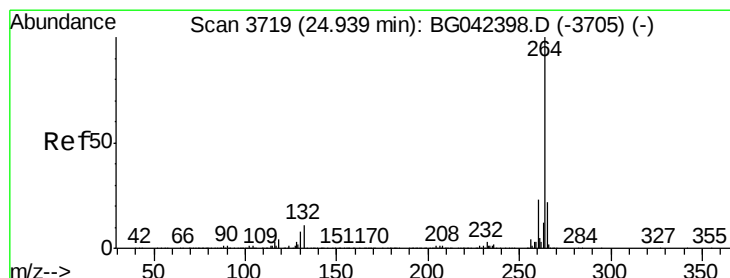
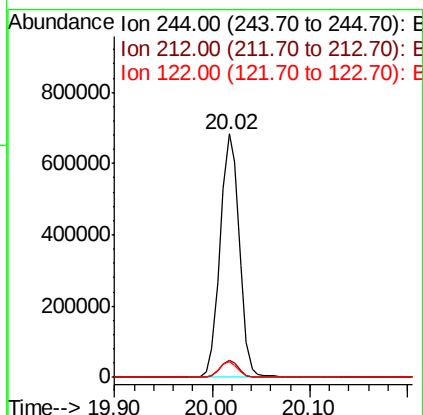
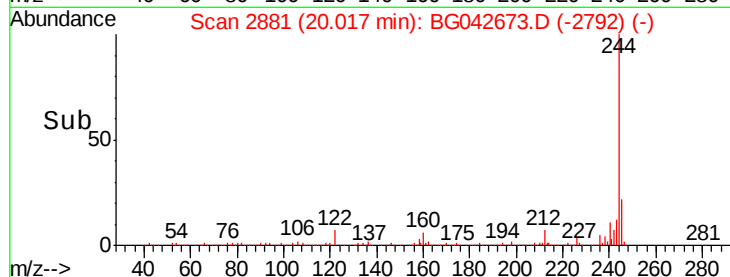
122 6.7 6.7 10.1#



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: BG042673.D

Acq: 1 Sep 2019 22:27

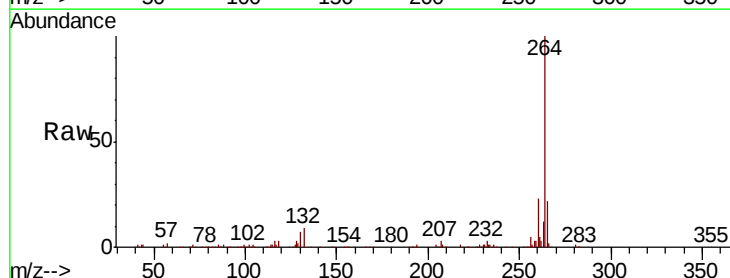
Tgt Ion:264 Resp: 285242

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 21.8 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

