

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042675.D
 Acq On : 1 Sep 2019 23:45
 Operator : HP/JU
 Sample : K4554-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-(13-15)

Quant Time: Sep 02 08:20:37 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

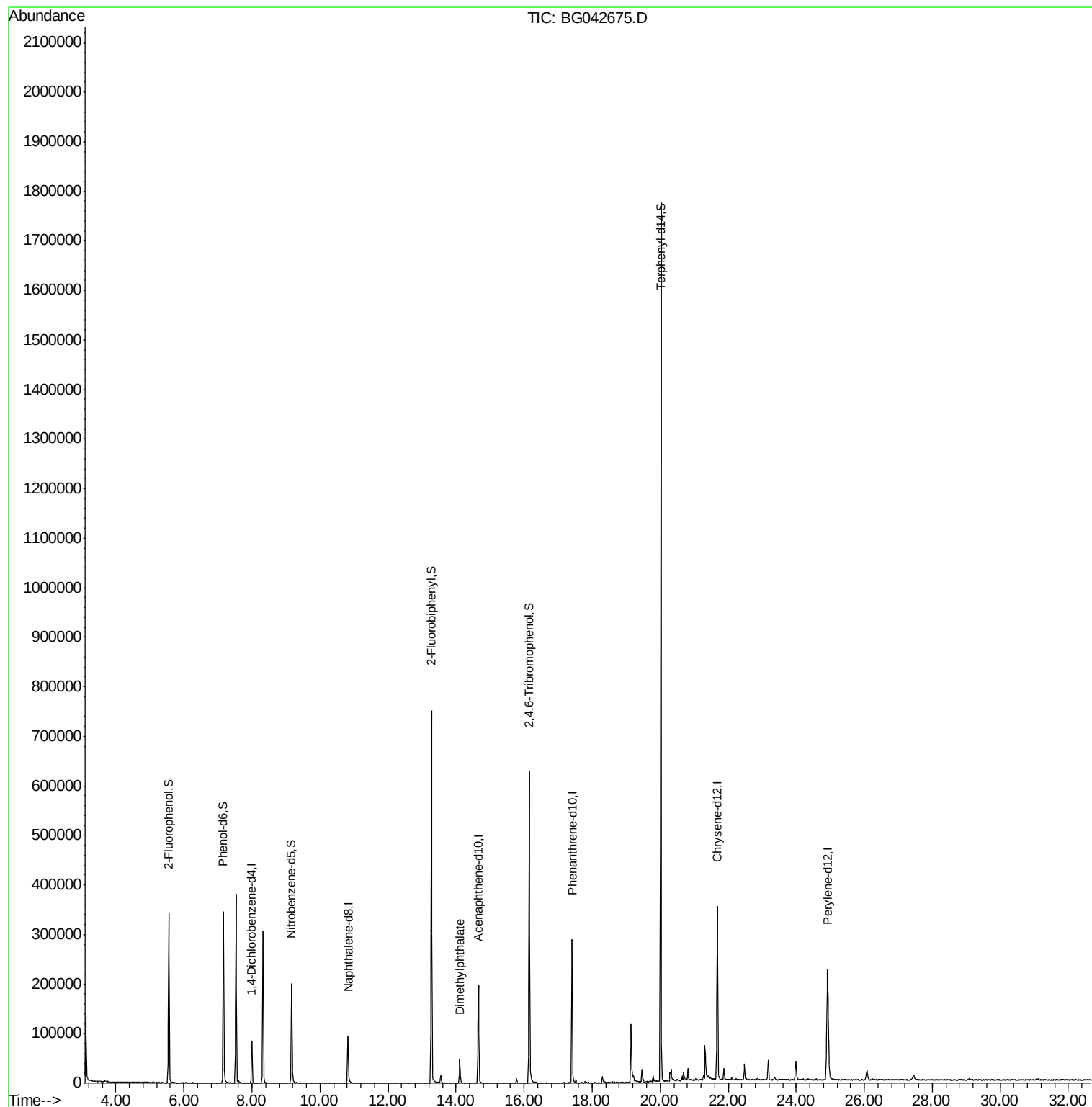
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28137	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	108819	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	86456	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	214588	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	241034	20.00	ng	-0.02
87) Perylene-d12	24.92	264	283711	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	174148	125.35	ng	0.00
7) Phenol-d6	7.16	99	233945	124.66	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133071	84.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	171561	139.61	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	473464	92.62	ng	0.00
79) Terphenyl-d14	20.02	244	968167	86.84	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	49683	7.964	ng	Qvalue # 98

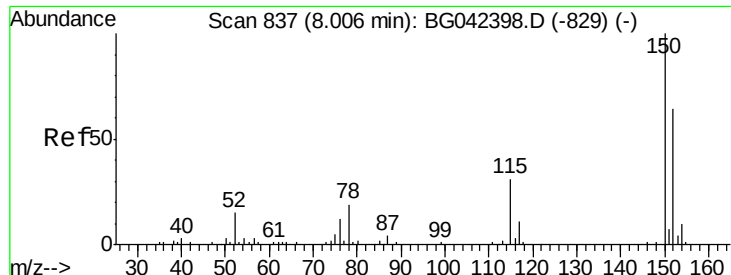
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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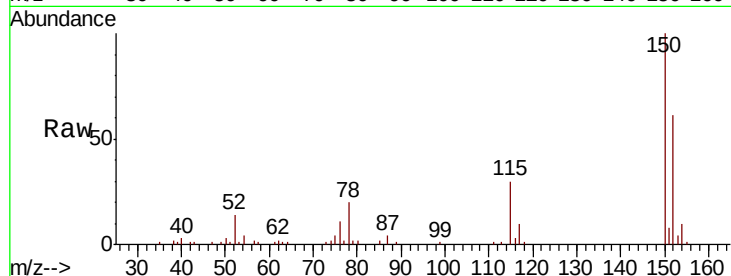


#1

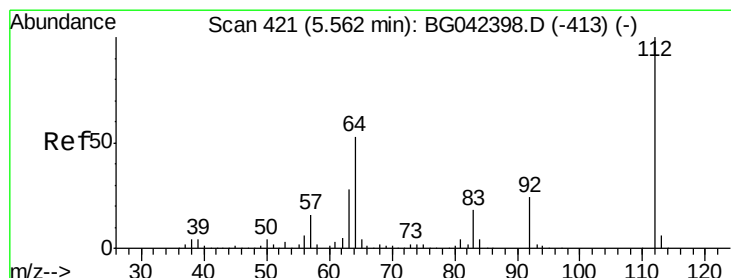
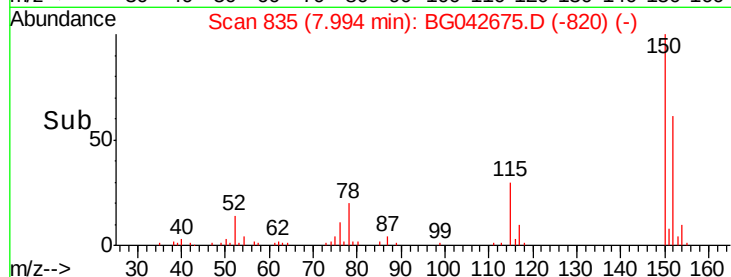
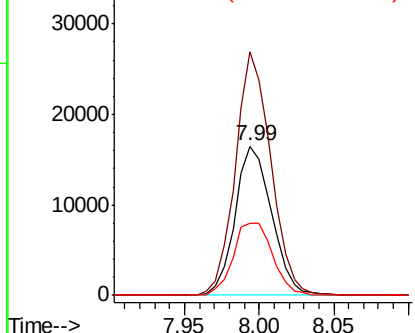
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :
SB-11-(13-15)

Tot Ion:152 Resp: 28137
Ion Ratio Lower Upper
152 100
150 163.1 125.4 188.0
115 48.6 38.5 57.7



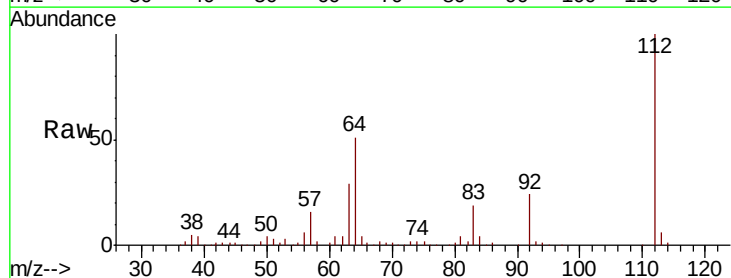
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



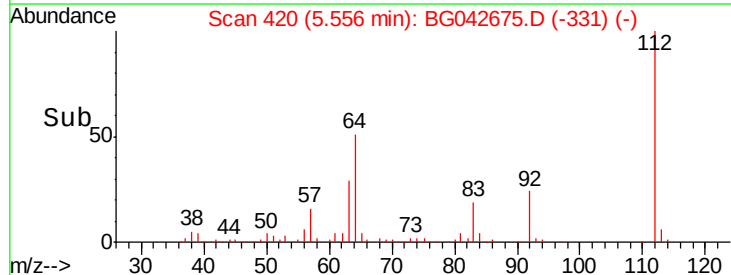
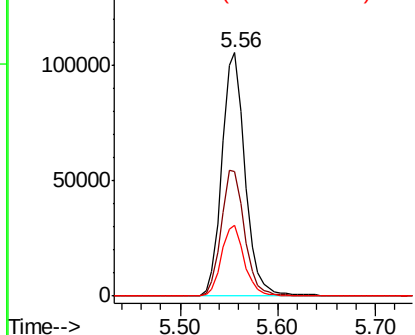
#5

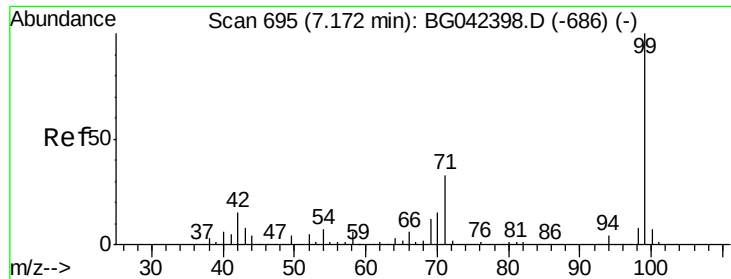
2-Fluorophenol
Concen: 125.351 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:112 Resp: 174148
Ion Ratio Lower Upper
112 100
64 51.2 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.664 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Instrument :

BNA_G

ClientSampleId :

SB-11-(13-15)

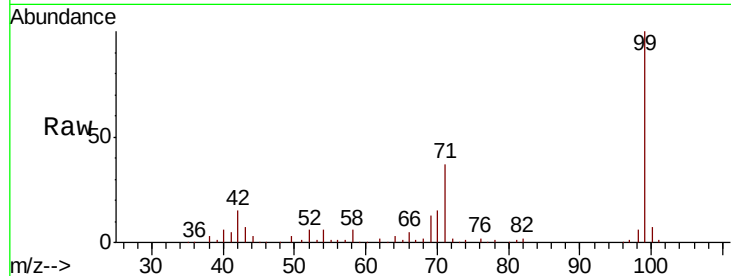
Tot Ion: 99 Resp: 233945

Ion Ratio Lower Upper

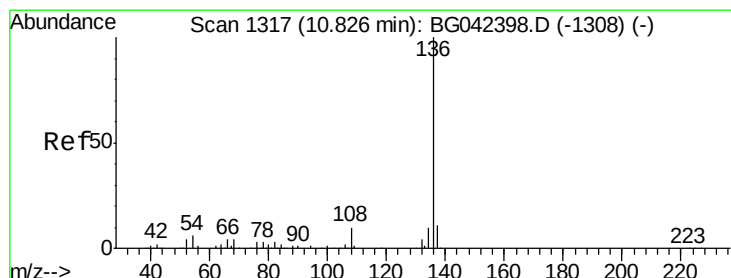
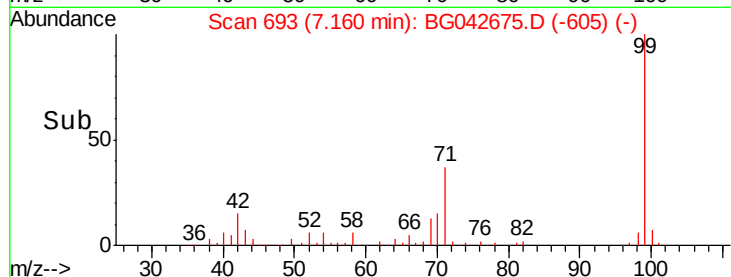
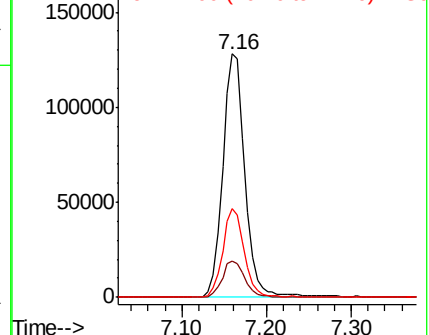
99 100

42 15.2 12.0 18.0

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Tgt Ion: 136 Resp: 108819

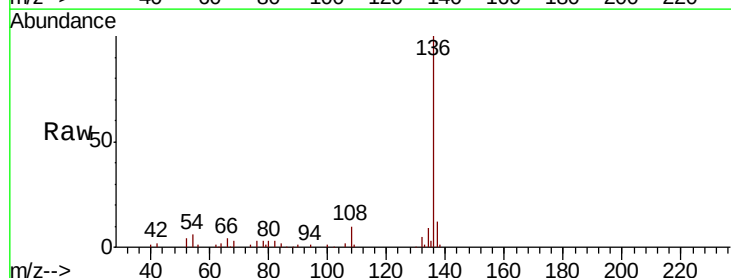
Ion Ratio Lower Upper

136 100

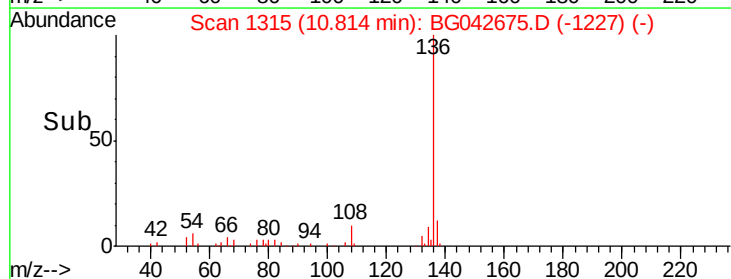
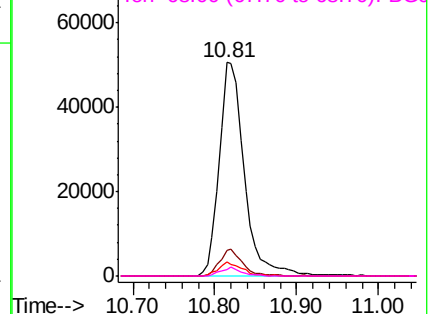
137 12.3 8.7 13.1

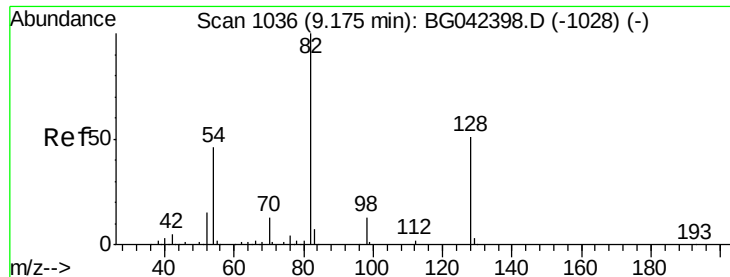
54 6.4 4.9 7.3

68 3.2 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

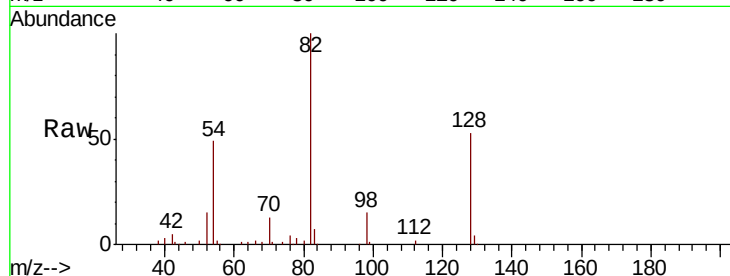




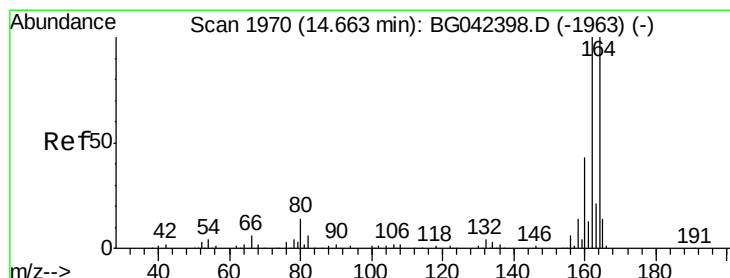
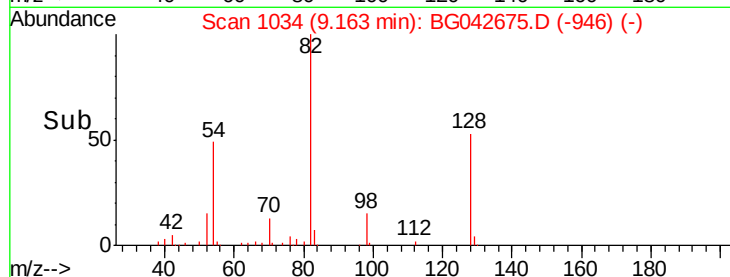
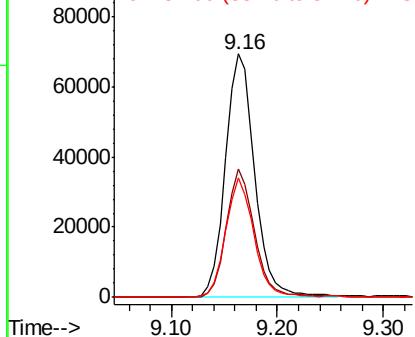
#23
Nitrobenzene-d5
Concen: 84.505 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Instrument :
BNA_G
ClientSampleId :
SB-11-(13-15)

Tot Ion: 82 Resp: 133071
Ion Ratio Lower Upper
82 100
128 52.7 40.7 61.1
54 48.8 36.3 54.5

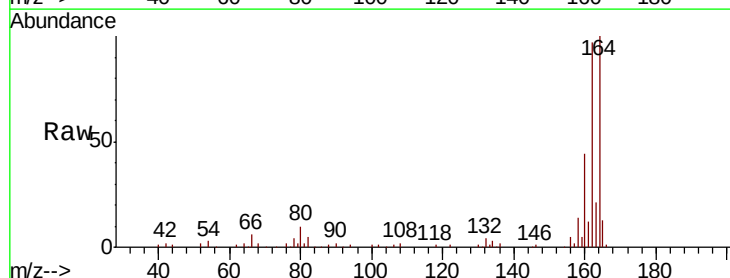


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

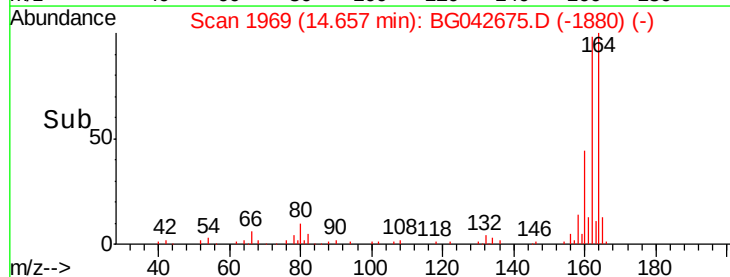
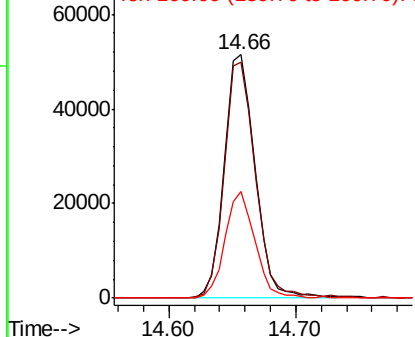


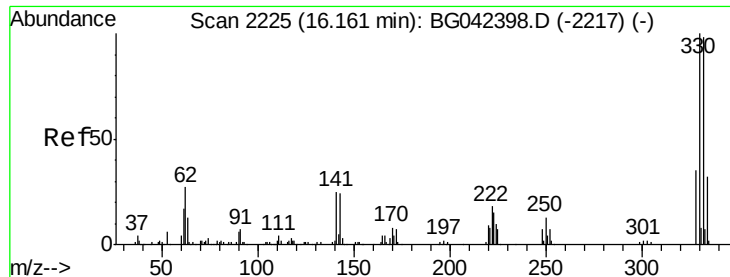
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:164 Resp: 86456
Ion Ratio Lower Upper
164 100
162 97.0 79.9 119.9
160 43.5 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: 139.613 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Instrument :

BNA_G

ClientSampleId :

SB-11-(13-15)

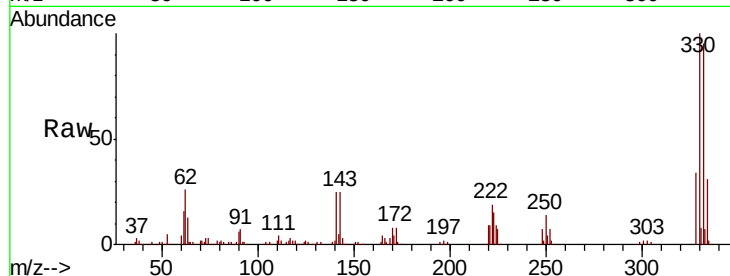
Tot Ion:330 Resp: 171561

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

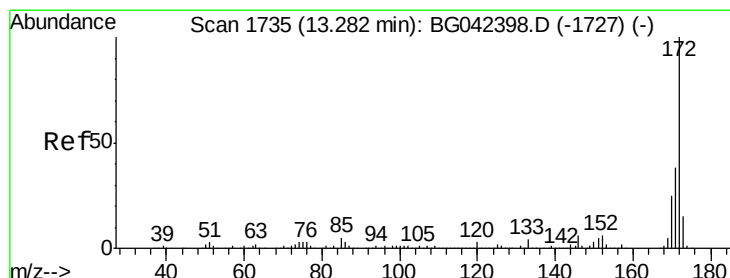
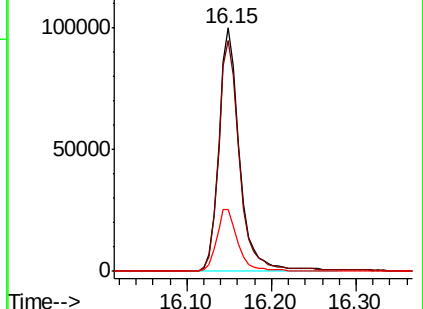
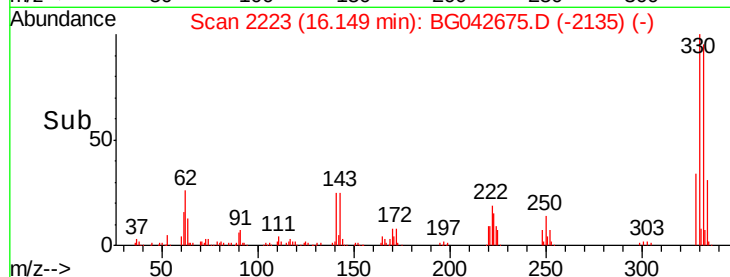
141 26.3 21.4 32.0



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: 92.621 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

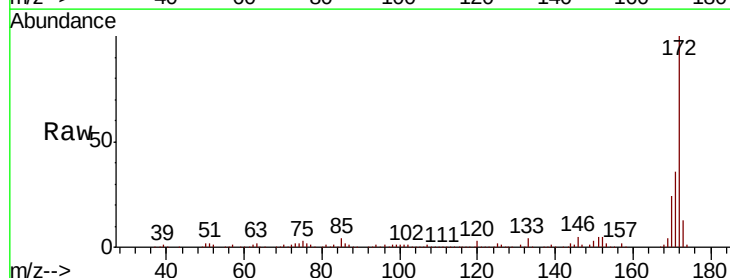
Tgt Ion:172 Resp: 473464

Ion Ratio Lower Upper

172 100

171 36.1 30.5 45.7

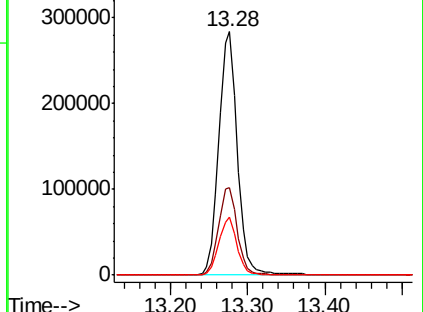
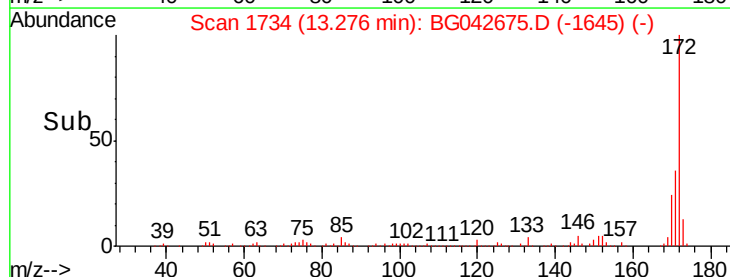
170 24.1 20.2 30.2

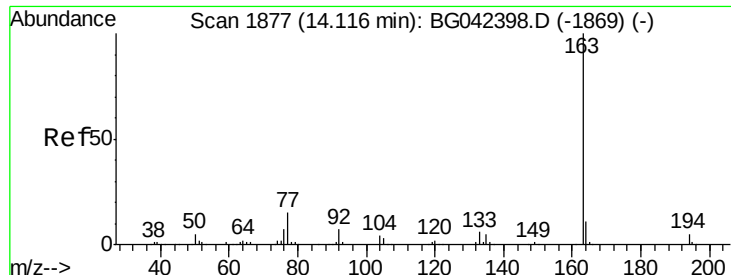


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.964 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042675.D

Acq: 1 Sep 2019 23:45

Instrument :

BNA_G

ClientSampleId :

SB-11-(13-15)

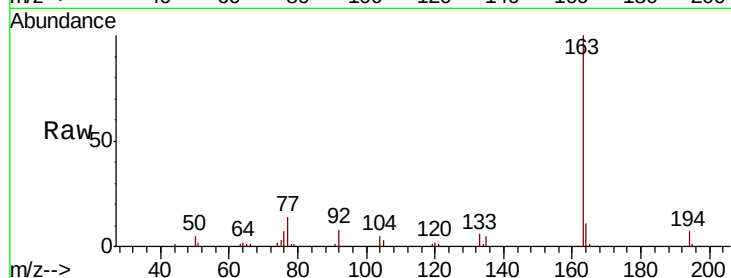
Tot Ion:163 Resp: 49683

Ion Ratio Lower Upper

163 100

194 6.9 4.2 6.2#

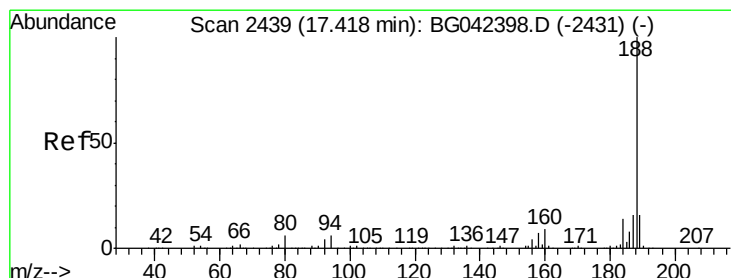
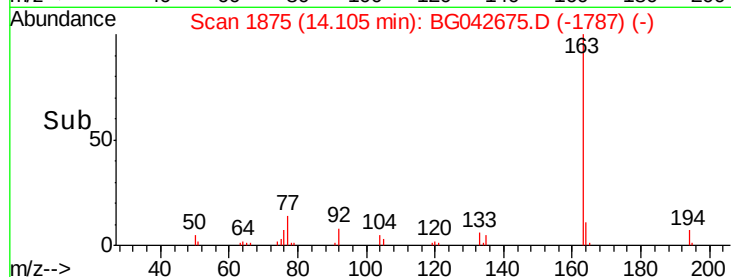
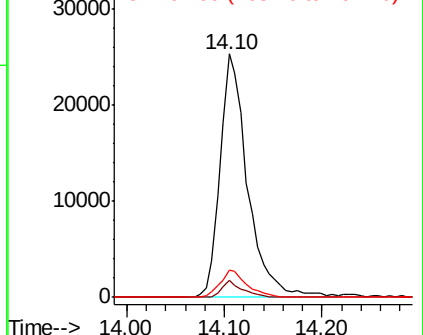
164 11.2 8.8 13.2



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: BG042675.D

Acq: 1 Sep 2019 23:45

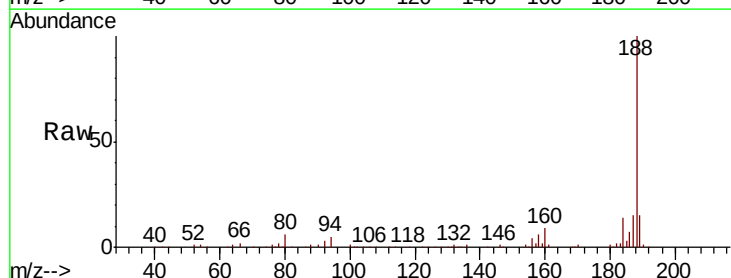
Tgt Ion:188 Resp: 214588

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

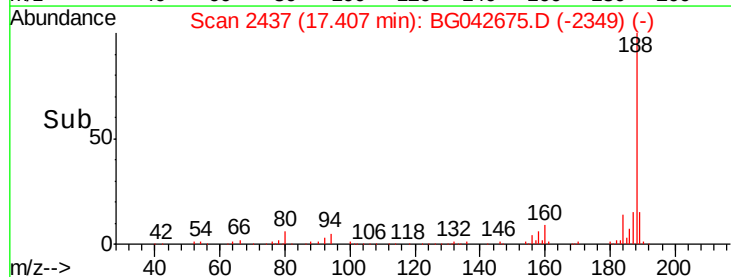
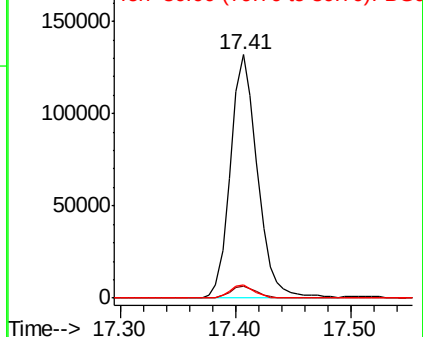
80 5.5 4.9 7.3

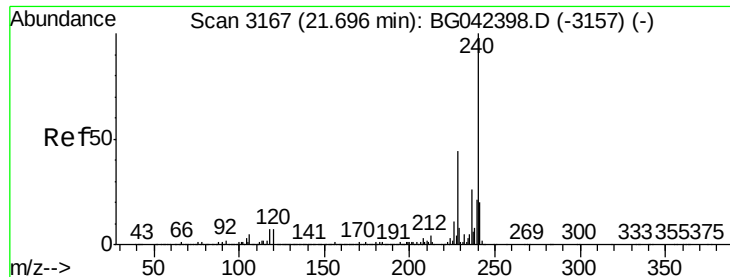


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

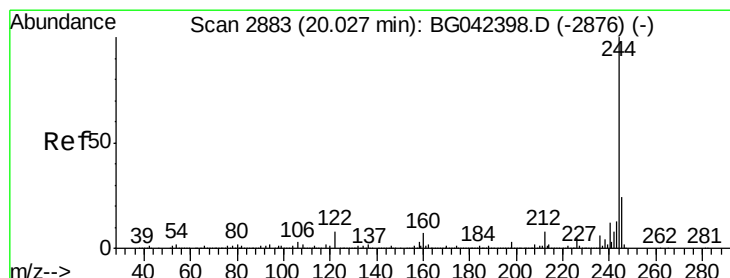
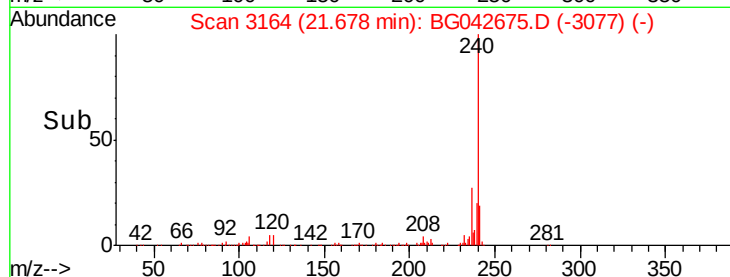
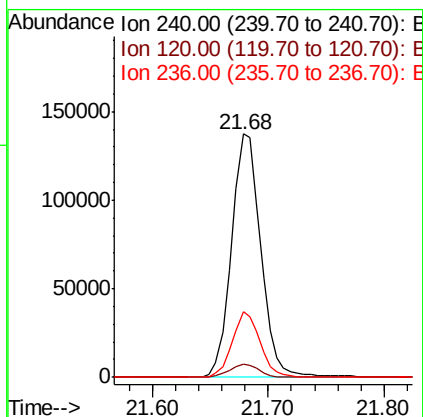
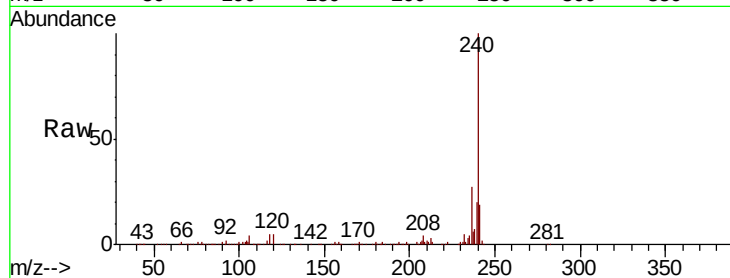




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

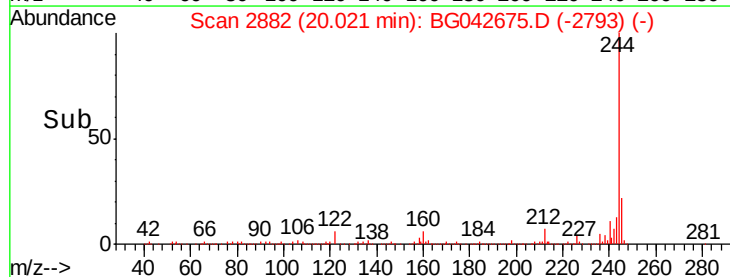
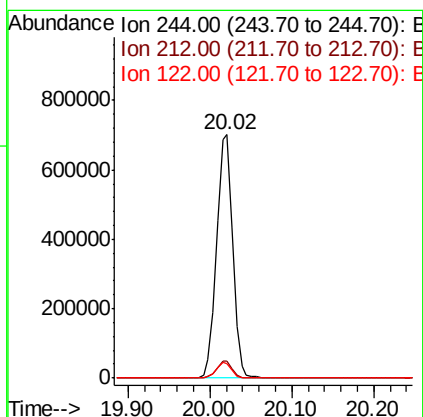
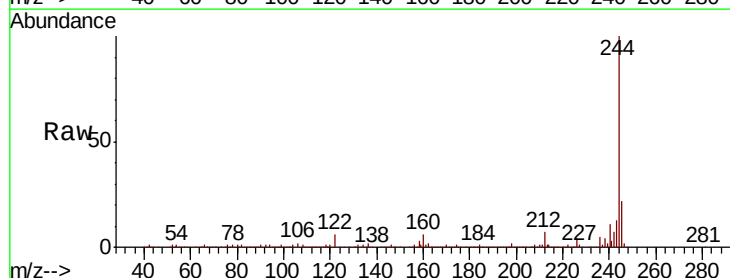
Instrument :
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SB-11-(13-15)

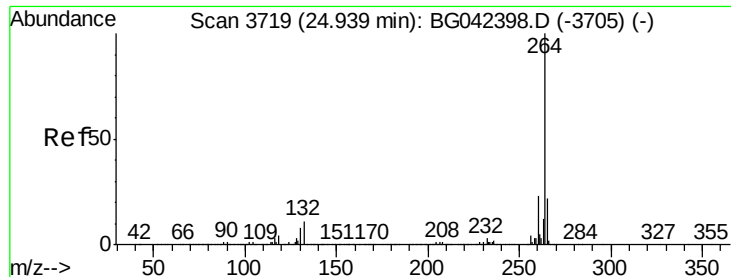
Tot Ion:240 Resp: 241034
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 26.8 21.0 31.4



#79
Terphenyl-d14
Concen: 86.838 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042675.D
Acq: 1 Sep 2019 23:45

Tgt Ion:244 Resp: 968167
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 6.1 6.7 10.1#





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042675.D
 Acq: 1 Sep 2019 23:45

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-(13-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.5	27.7
265	21.8	17.6	26.4

