

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042699.D
 Acq On : 3 Sep 2019 21:40
 Operator : HP/JU
 Sample : K4554-25
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-(0-2)

Quant Time: Sep 04 05:05:13 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

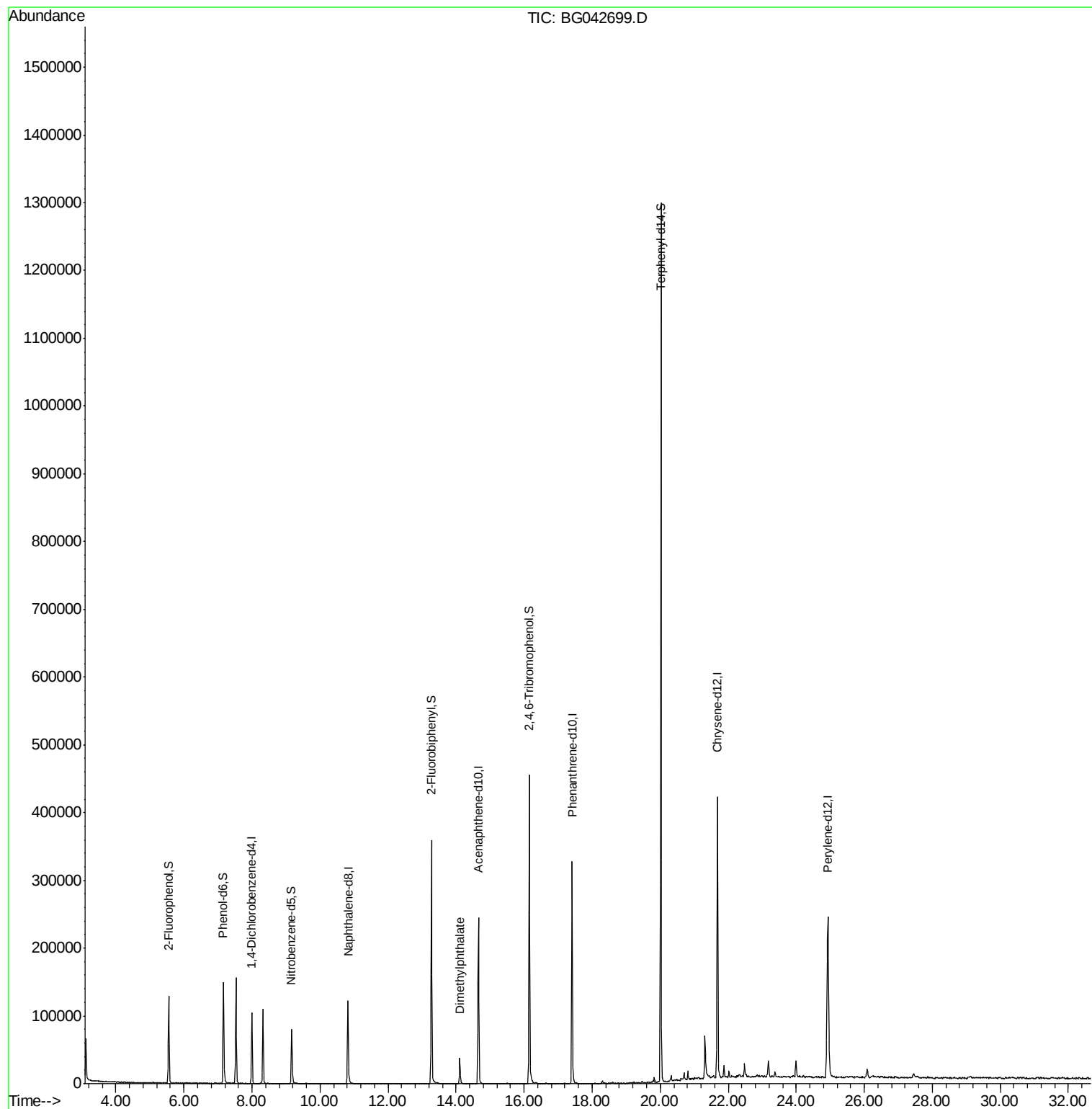
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35185	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	139477	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	105290	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	242565	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	265314	20.00	ng	-0.01
87) Perylene-d12	24.93	264	315879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	66700	38.39	ng	-0.01
7) Phenol-d6	7.16	99	106523	45.39	ng	-0.01
23) Nitrobenzene-d5	9.16	82	57681	28.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	125812	84.07	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	245986	39.51	ng	0.00
79) Terphenyl-d14	20.02	244	718829	58.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.11	163	40364	5.313	ng	Qvalue 98

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

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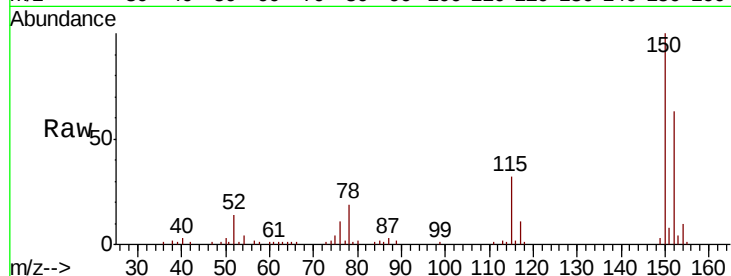


#1

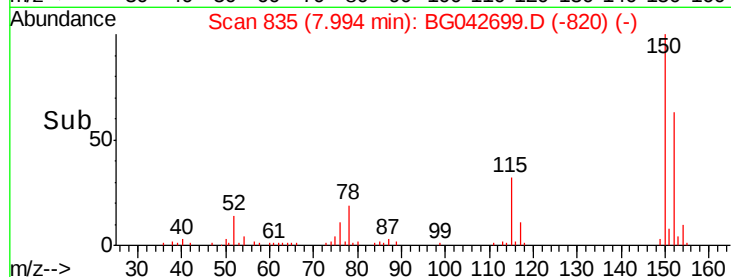
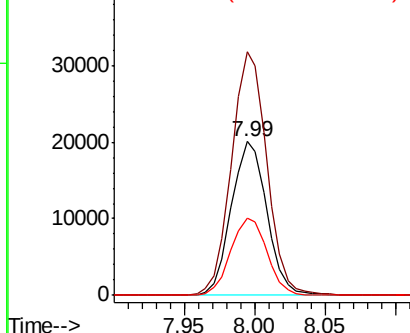
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Instrument :
BNA_G
ClientSampleId :
SB-7-(0-2)

Tot Ion:152 Resp: 35185
Ion Ratio Lower Upper
152 100
150 158.4 125.4 188.0
115 50.4 38.5 57.7



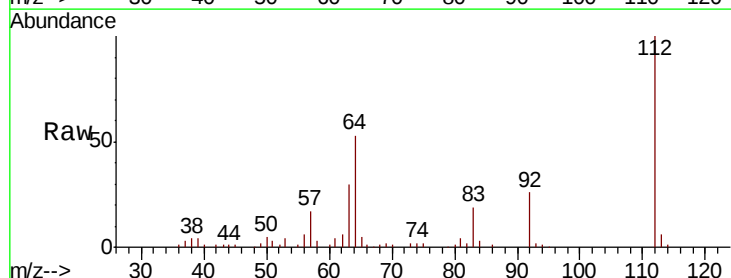
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



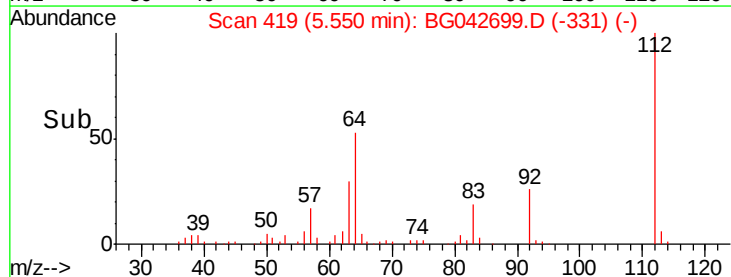
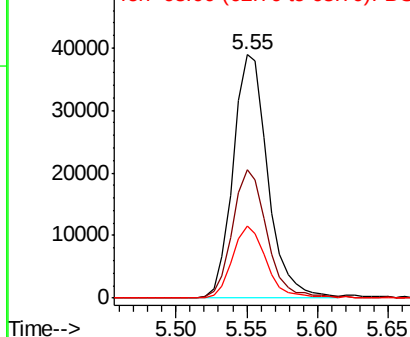
#5

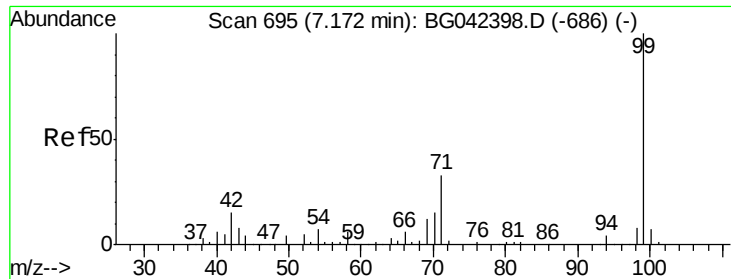
2-Fluorophenol
Concen: 38.393 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Tgt Ion:112 Resp: 66700
Ion Ratio Lower Upper
112 100
64 52.8 42.8 64.2
63 29.6 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: 45.393 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

Instrument :

BNA_G

ClientSampleId :

SB-7-(0-2)

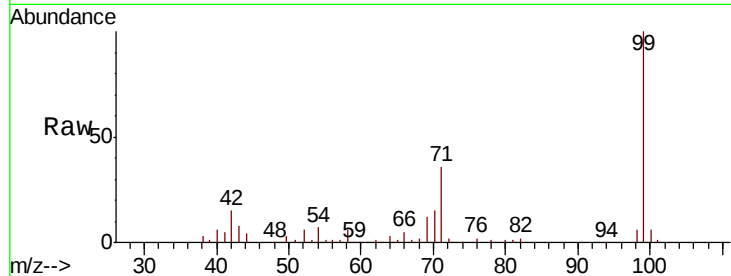
Tot Ion: 99 Resp: 106523

Ion Ratio Lower Upper

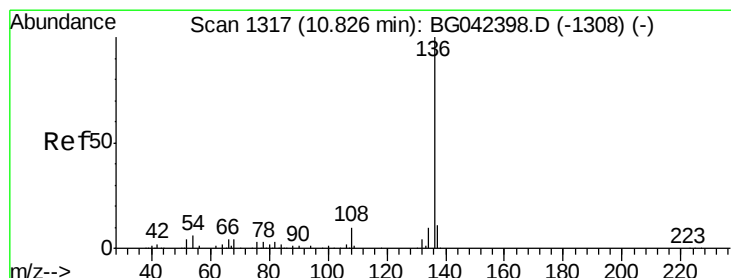
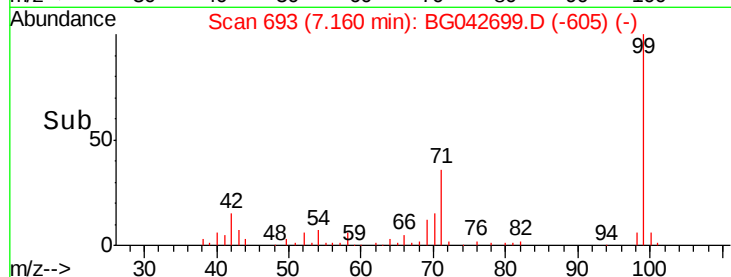
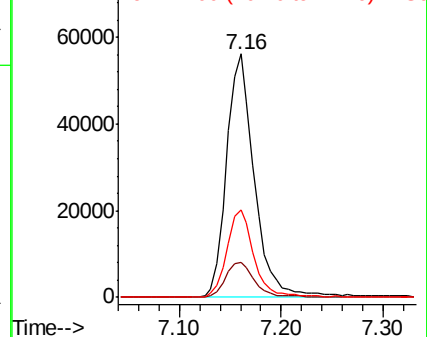
99 100

42 14.5 12.0 18.0

71 36.0 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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

Tgt Ion: 136 Resp: 139477

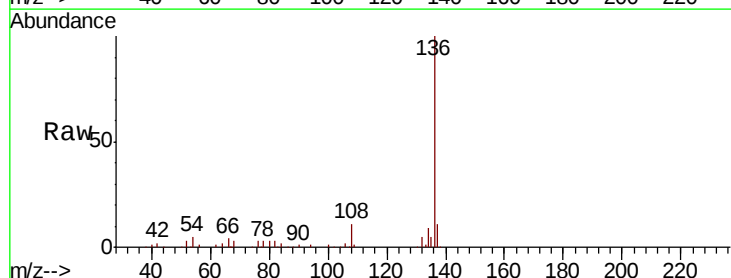
Ion Ratio Lower Upper

136 100

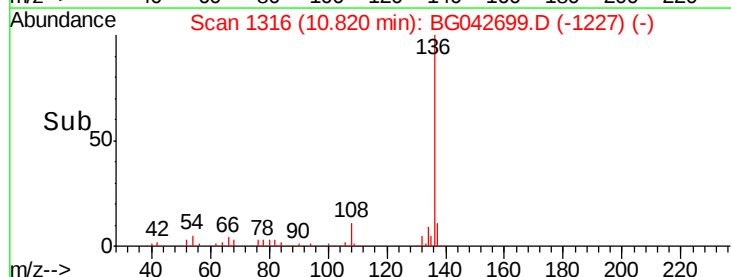
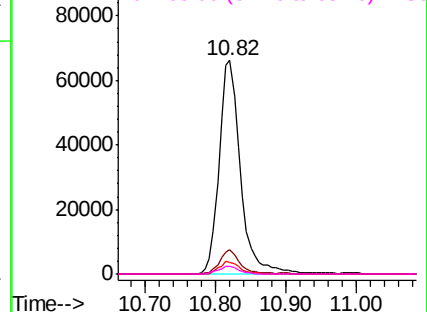
137 11.4 8.7 13.1

54 5.4 4.9 7.3

68 3.4 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

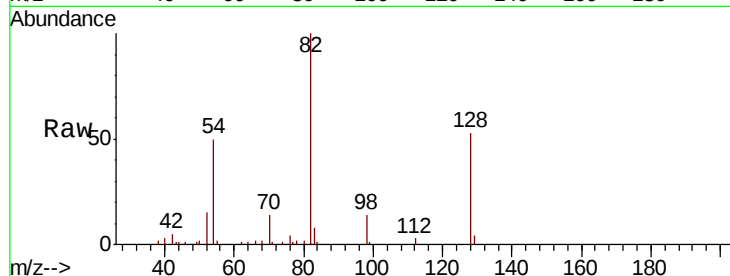




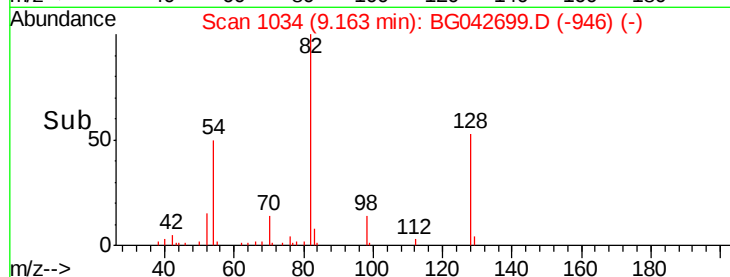
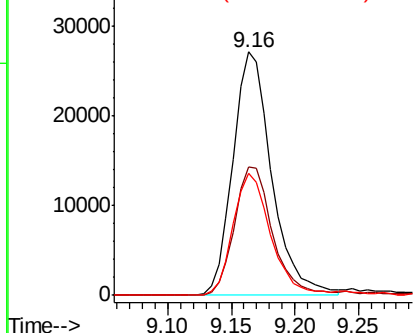
#23
Nitrobenzene-d5
Concen: 28.578 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Instrument :
BNA_G
ClientSampleId :
SB-7-(0-2)

Tot Ion	82.00	Resp	57681
Ion Ratio	Lower	Upper	
82	100		
128	52.8	40.7	61.1
54	50.2	36.3	54.5

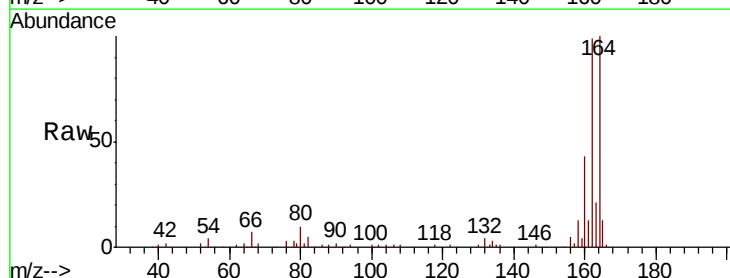


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

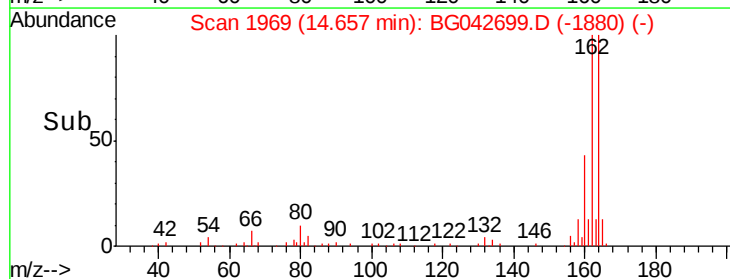
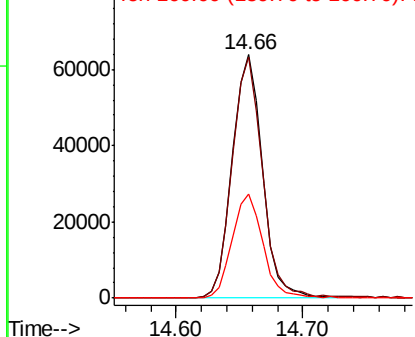


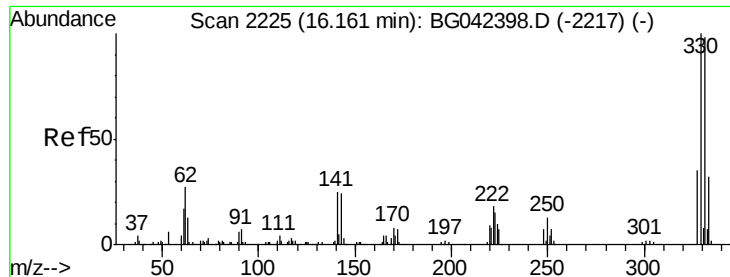
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042699.D
Acq: 3 Sep 2019 21:40

Tgt Ion	164.00	Resp	105290
Ion Ratio	Lower	Upper	
164	100		
162	99.1	79.9	119.9
160	42.7	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: 84.069 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

Instrument :

BNA_G

ClientSampleId :

SB-7-(0-2)

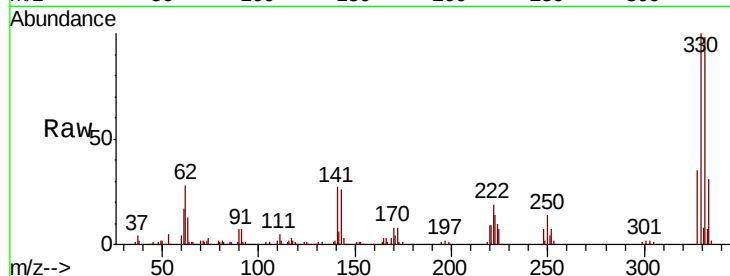
Tot Ion:330 Resp: 125812

Ion Ratio Lower Upper

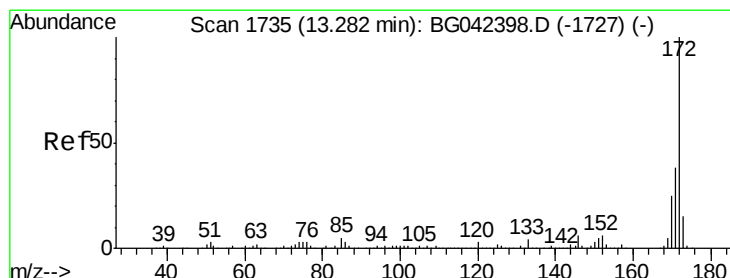
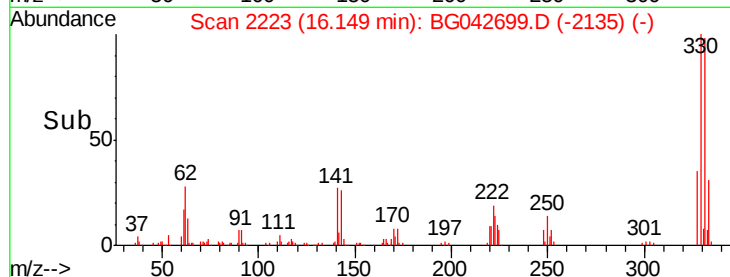
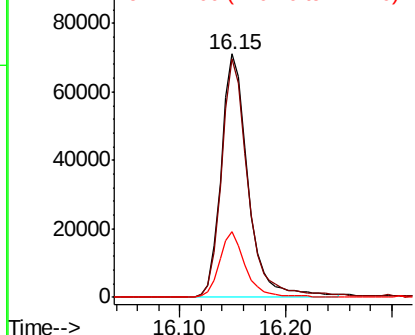
330 100

332 97.6 77.4 116.0

141 26.2 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: 39.513 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

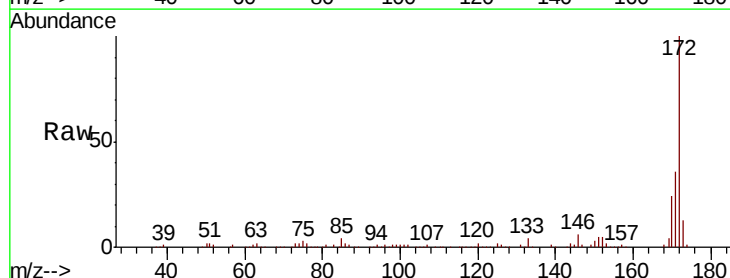
Tgt Ion:172 Resp: 245986

Ion Ratio Lower Upper

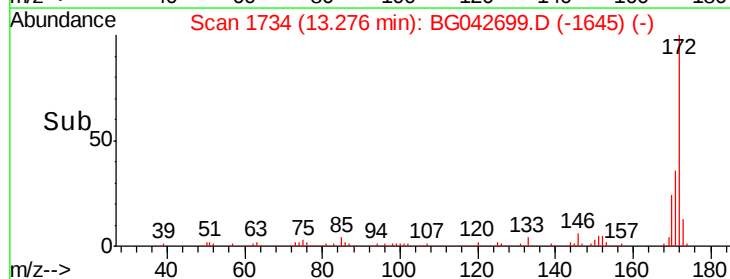
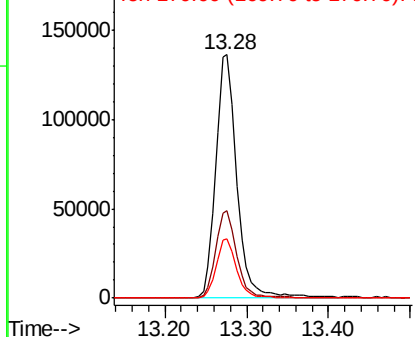
172 100

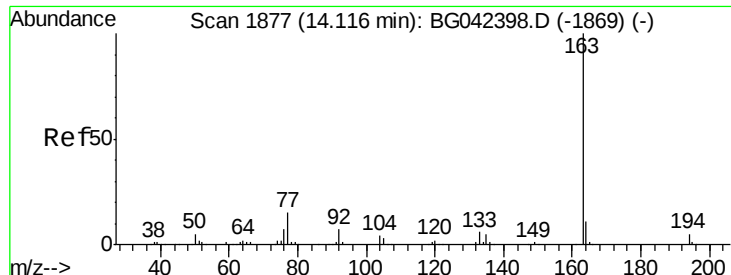
171 35.8 30.5 45.7

170 24.3 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: 5.313 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042699.D

Acq: 3 Sep 2019 21:40

Instrument :

BNA_G

ClientSampleId :

SB-7-(0-2)

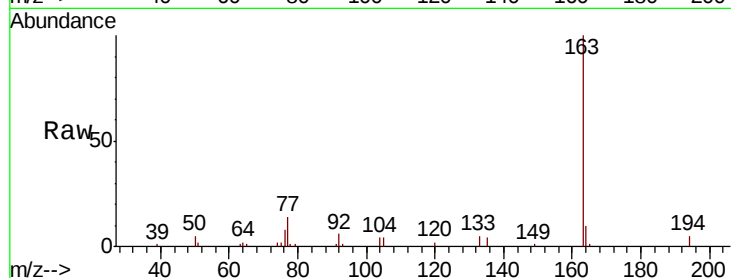
Tot Ion:163 Resp: 40364

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

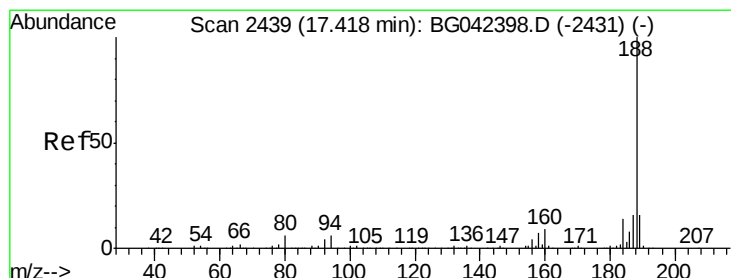
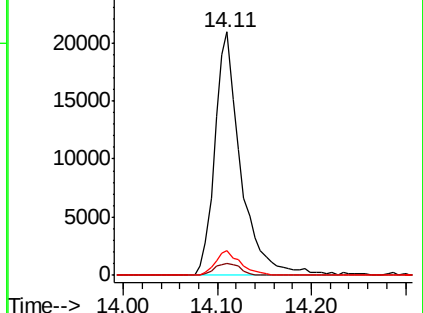
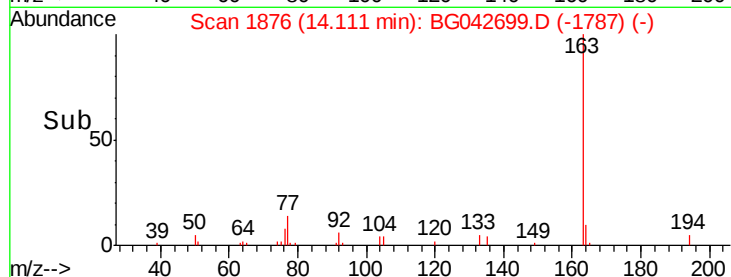
164 10.1 8.8 13.2



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: BG042699.D

Acq: 3 Sep 2019 21:40

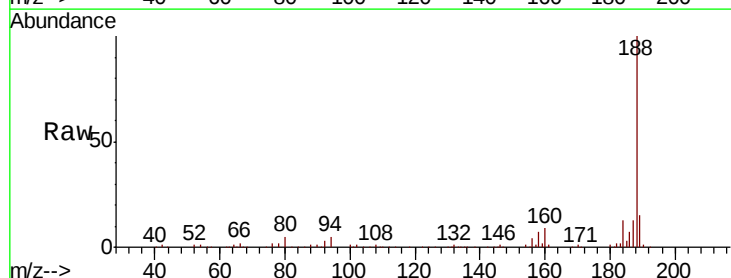
Tgt Ion:188 Resp: 242565

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

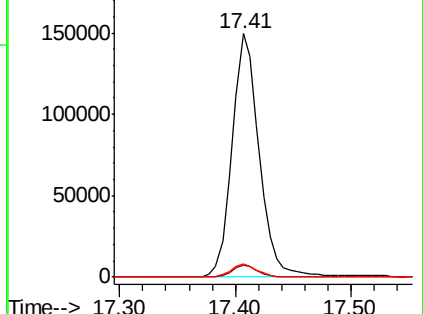
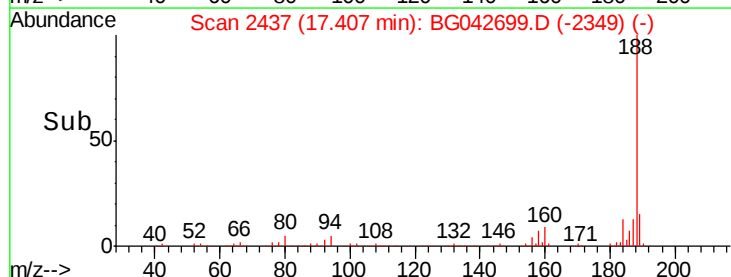
80 5.5 4.9 7.3

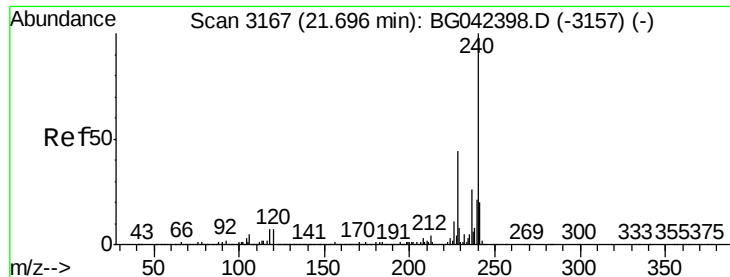


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

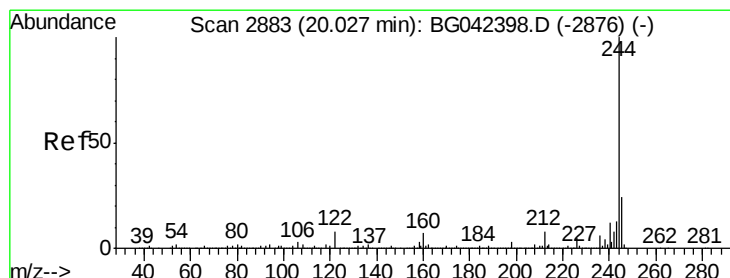
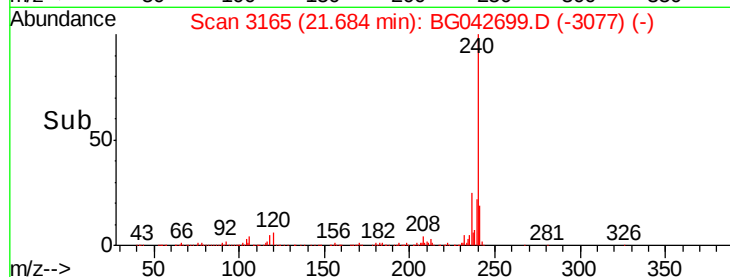
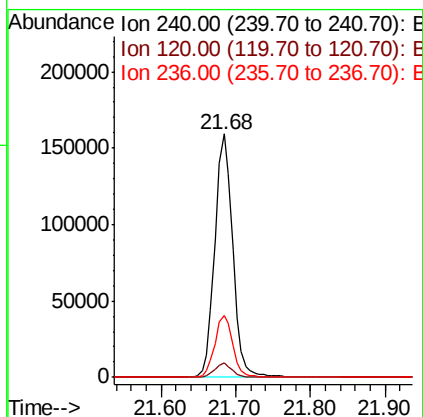
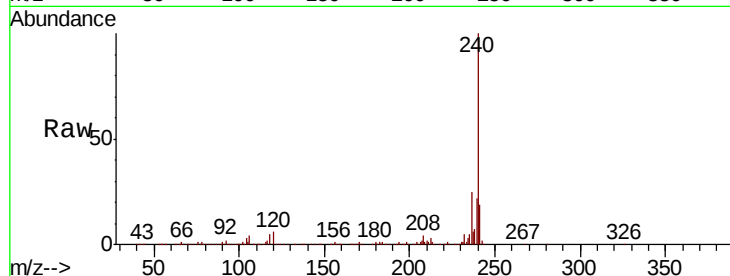




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

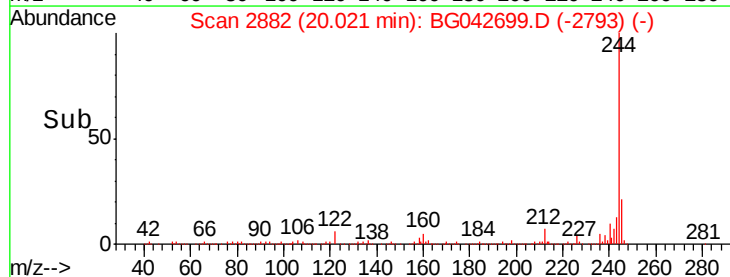
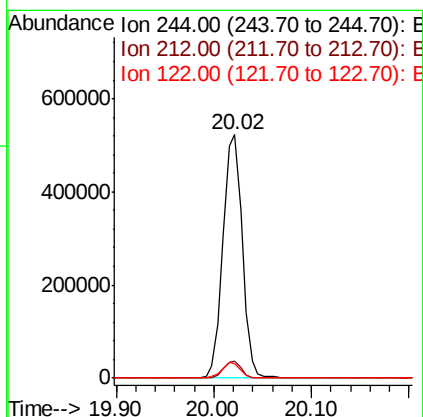
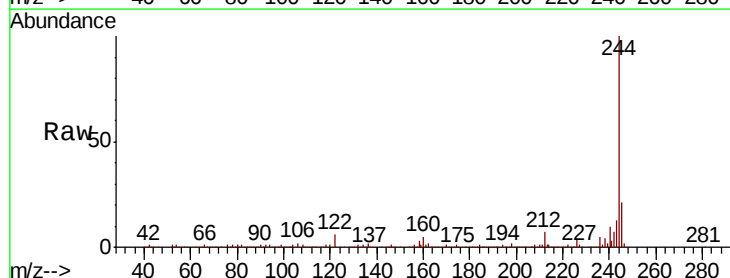
Instrument :
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 SB-7-(0-2)

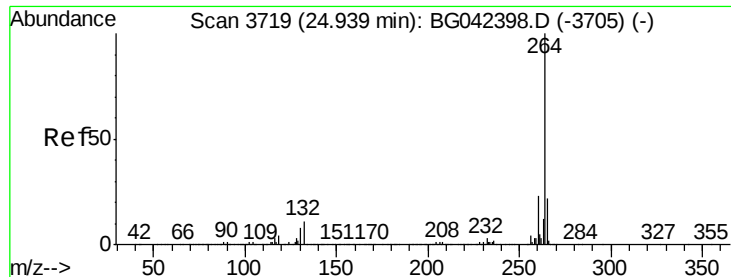
Tot Ion:240 Resp: 265314
 Ion Ratio Lower Upper
 240 100
 120 5.7 5.7 8.5
 236 25.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 58.574 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

Tgt Ion:244 Resp: 718829
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 6.2 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042699.D
 Acq: 3 Sep 2019 21:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-7-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	21.8	17.6	26.4

