

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042728.D
 Acq On : 5 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4680-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T1-1-4-(0-1.5)

Quant Time: Sep 06 07:18:44 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	45513	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	166351	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	119452	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	288249	20.00	ng	0.00
76) Chrysene-d12	21.69	240	355471	20.00	ng	0.00
87) Perylene-d12	24.93	264	413669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	191510	85.22	ng	0.00
7) Phenol-d6	7.16	99	212866	70.13	ng	0.00
23) Nitrobenzene-d5	9.17	82	155370	64.54	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	171331	100.91	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	513119	72.65	ng	0.00
79) Terphenyl-d14	20.02	244	1071196	65.15	ng	0.00

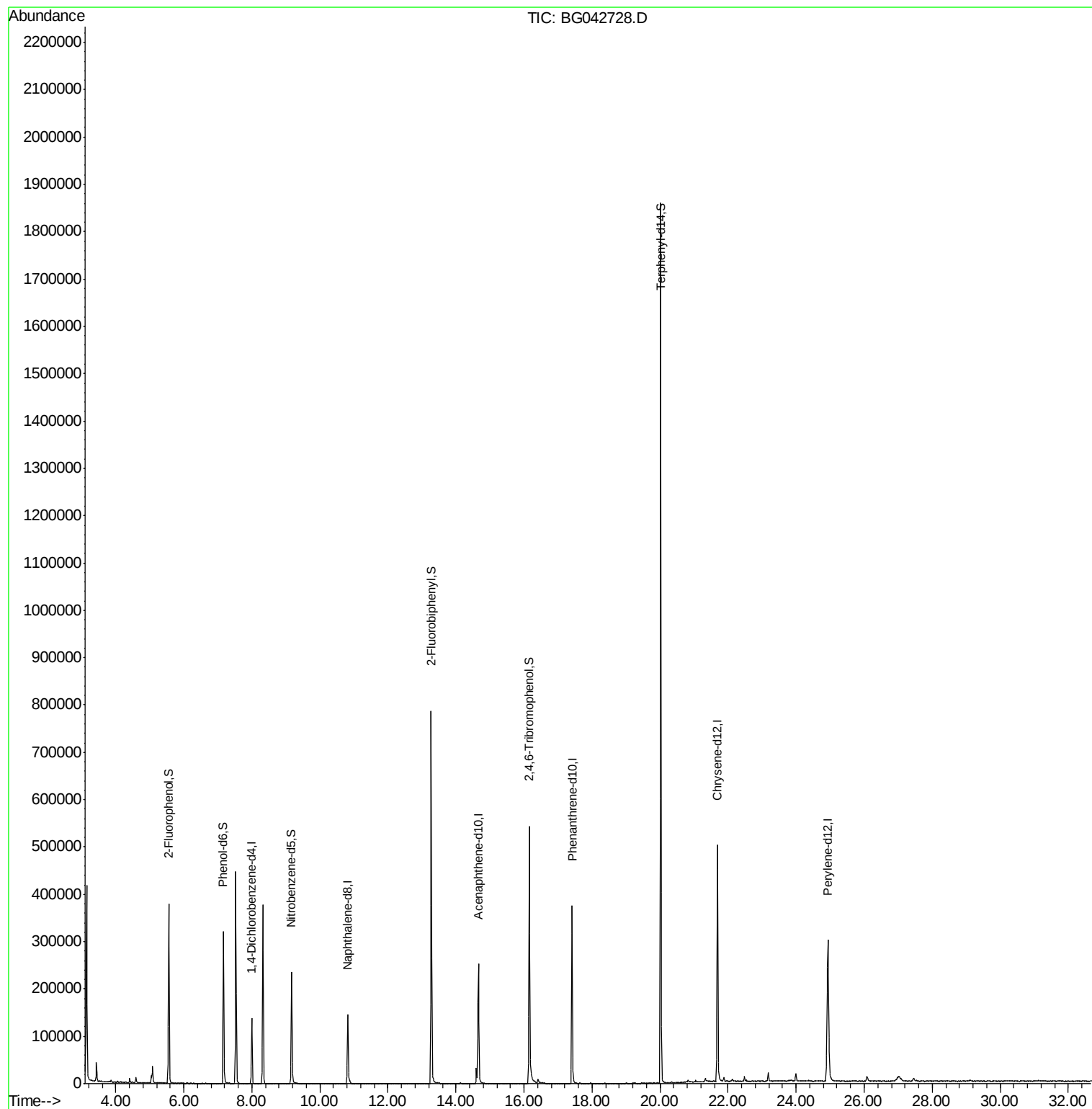
Target Compounds Qvalue

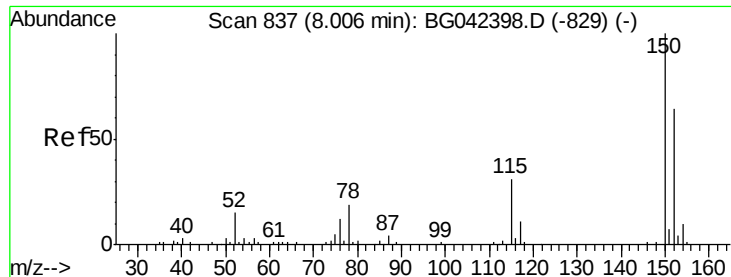
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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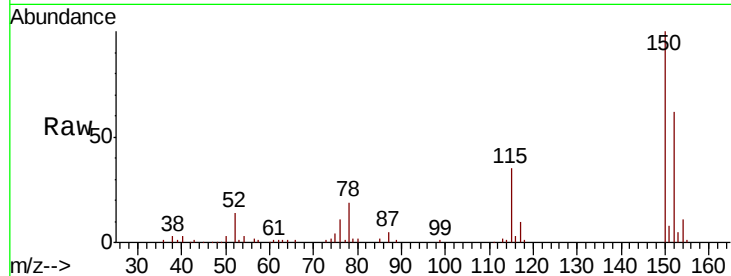


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 T1-1-4-(0-1.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	125.4	188.0
115	56.3	38.5	57.7

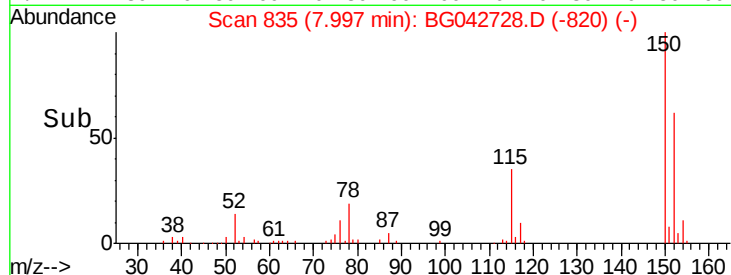
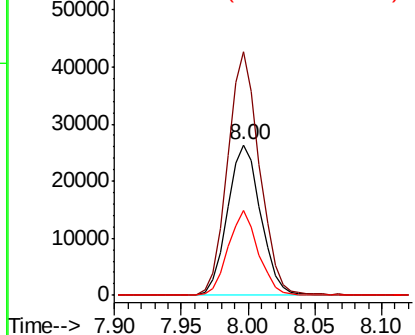


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

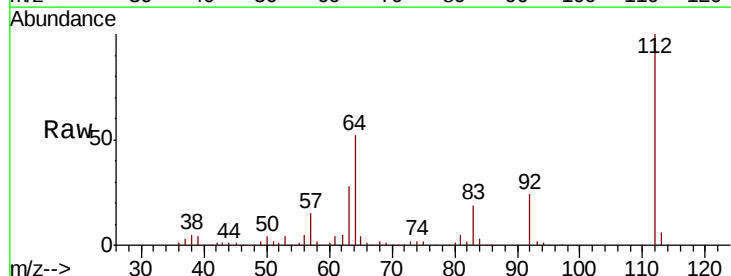
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 85.220 ng
 RT: 5.56 min Scan# 420
 Delta R.T. -0.00 min
 Lab File: BG042728.D
 Acq: 5 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.8	64.2
63	28.1	22.7	34.1

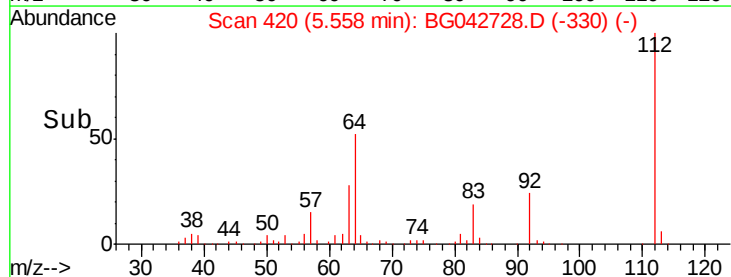
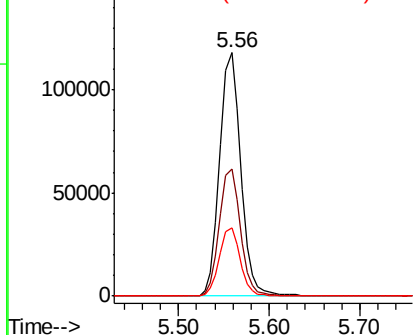


Abundance

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: 70.125 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

T1-1-4-(0-1.5)

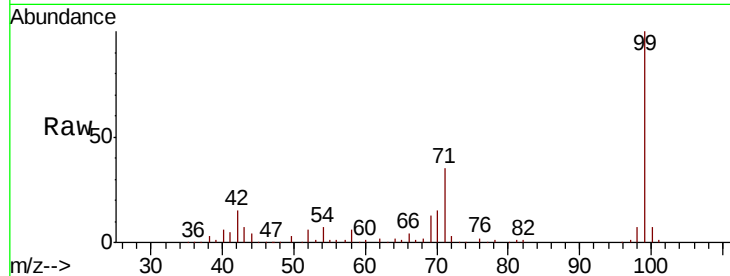
Tot Ion: 99 Resp: 212866

Ion Ratio Lower Upper

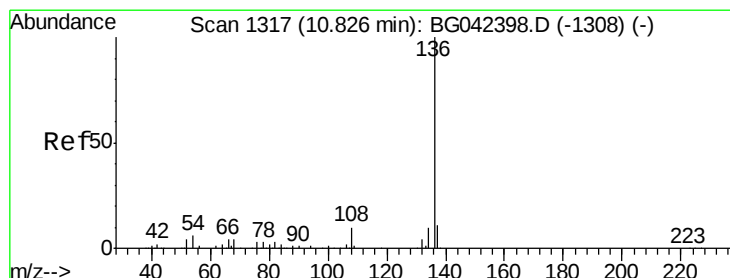
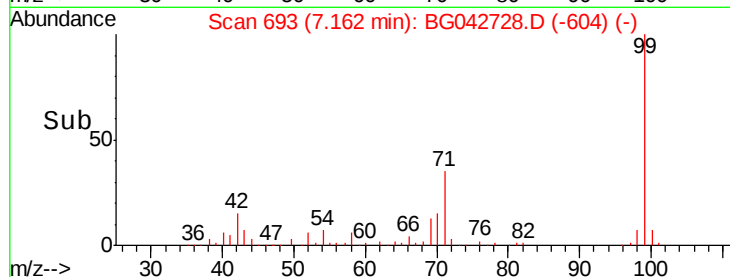
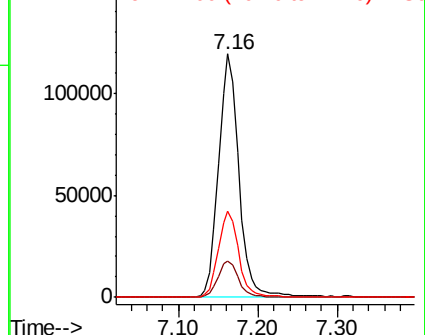
99 100

42 15.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Tgt Ion: 136 Resp: 166351

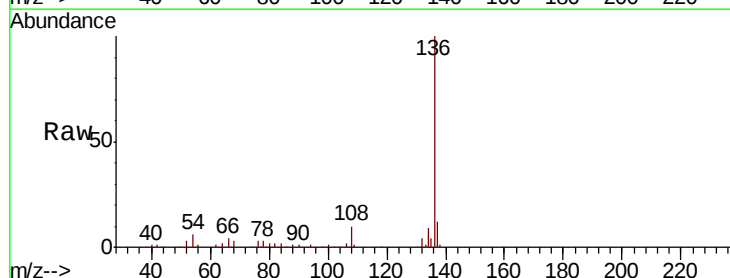
Ion Ratio Lower Upper

136 100

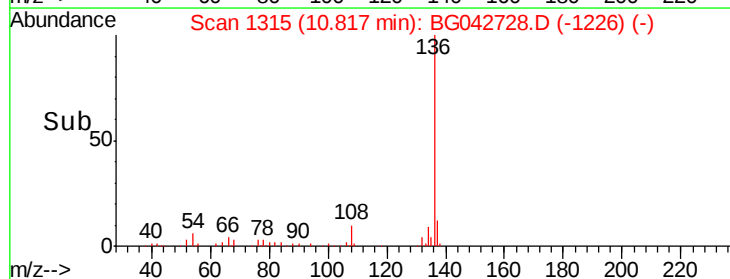
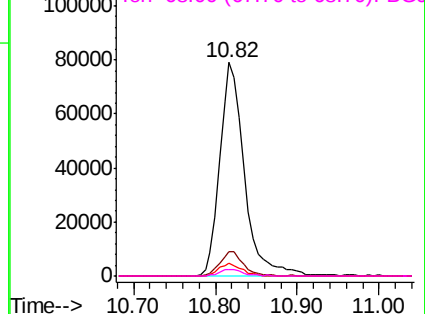
137 11.7 8.7 13.1

54 5.9 4.9 7.3

68 3.0 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

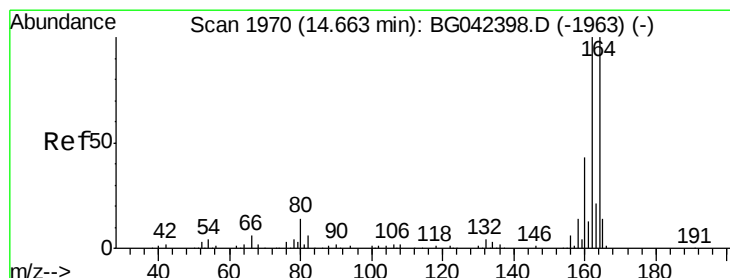
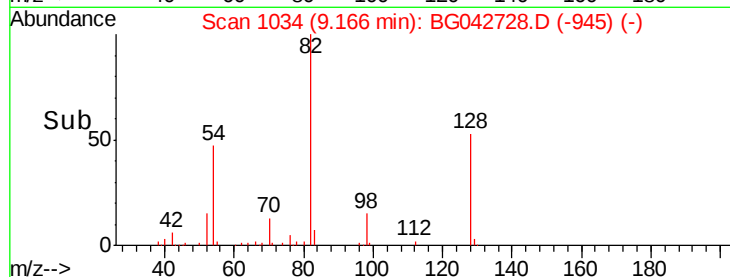
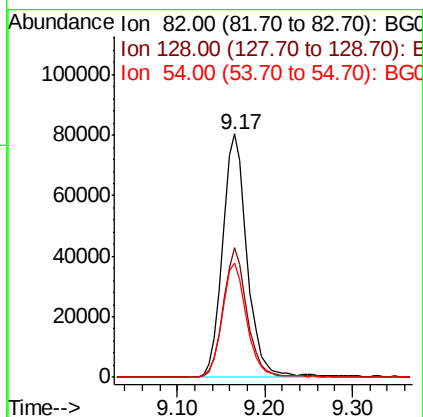
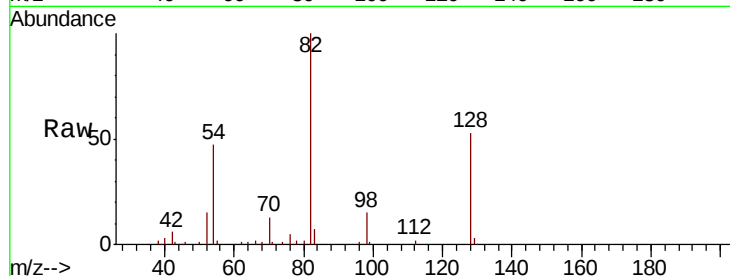




#23
Nitrobenzene-d5
Concen: 64.542 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

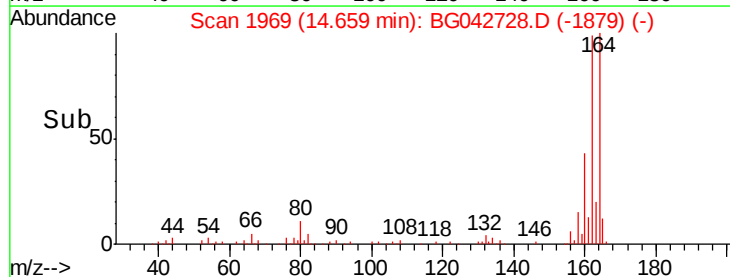
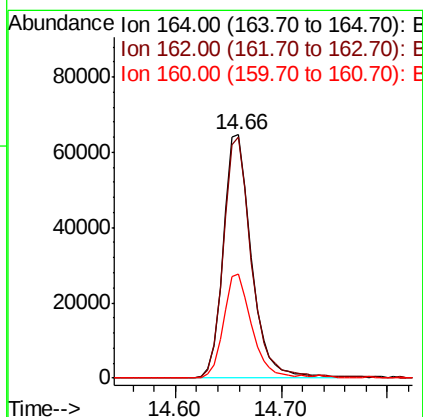
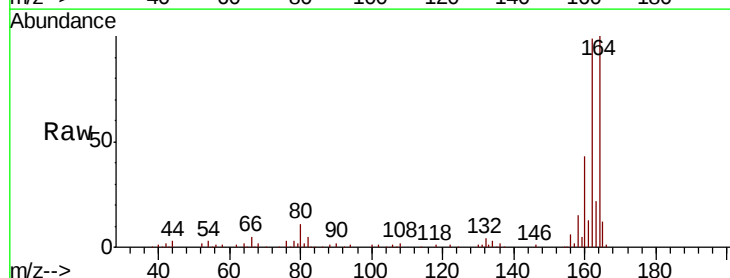
Instrument :
BNA_G
ClientSampleId :
T1-1-4-(0-1.5)

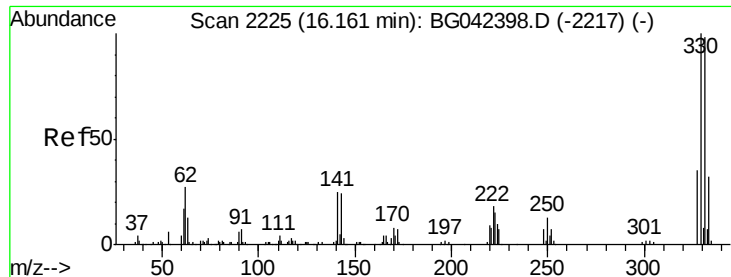
Tot Ion: 82 Resp: 155370
Ion Ratio Lower Upper
82 100
128 53.2 40.7 61.1
54 47.0 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042728.D
Acq: 5 Sep 2019 20:02

Tgt Ion: 164 Resp: 119452
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 42.6 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 100.913 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

T1-1-4-(0-1.5)

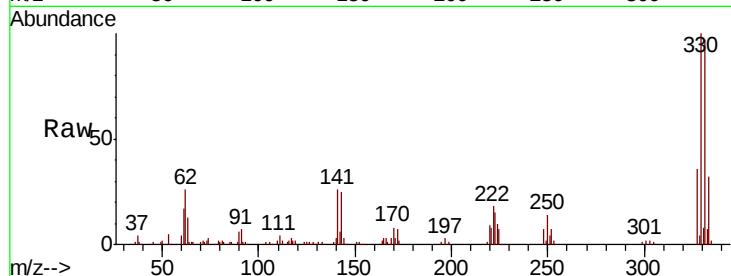
Tot Ion:330 Resp: 171331

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

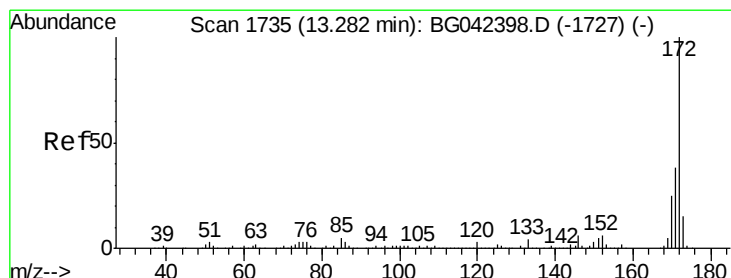
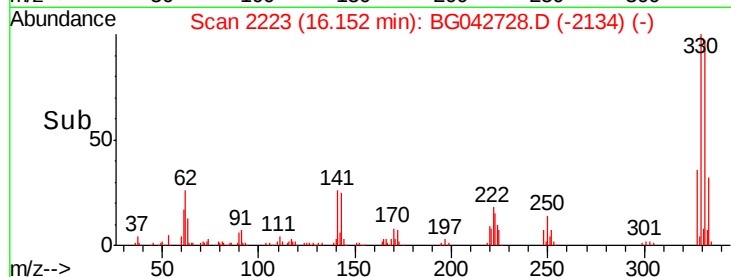
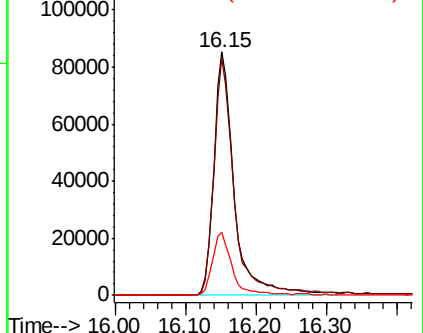
141 24.7 21.4 32.0



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: 72.651 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

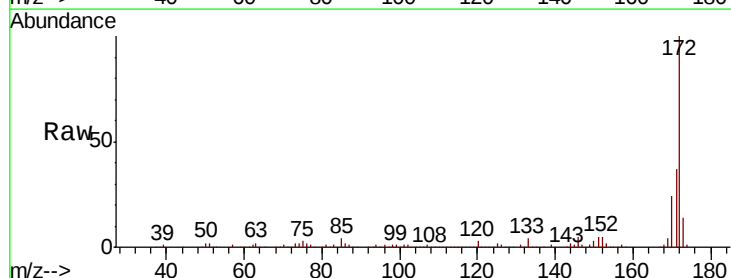
Tgt Ion:172 Resp: 513119

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

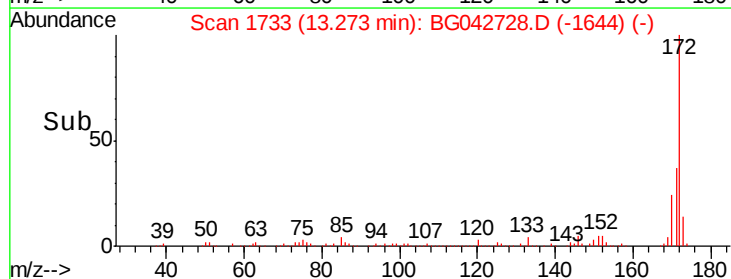
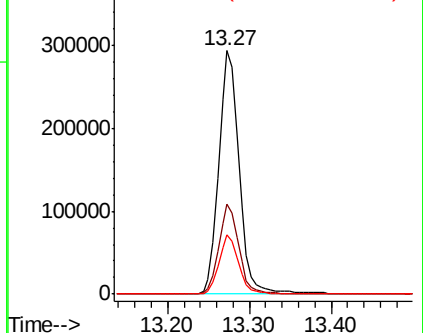
170 24.2 20.2 30.2



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

T1-1-4-(0-1.5)

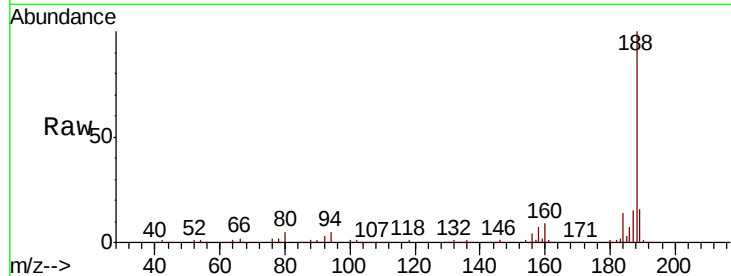
Tot Ion:188 Resp: 288249

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

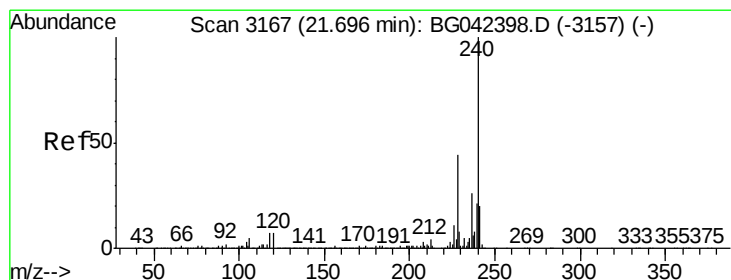
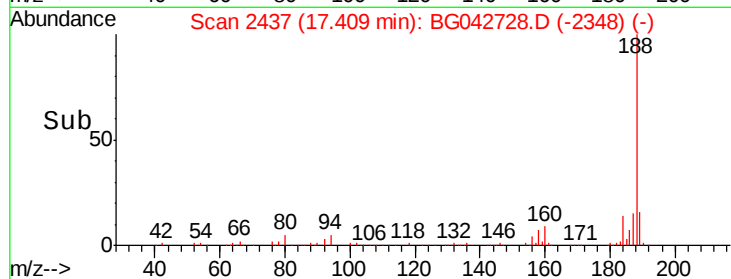
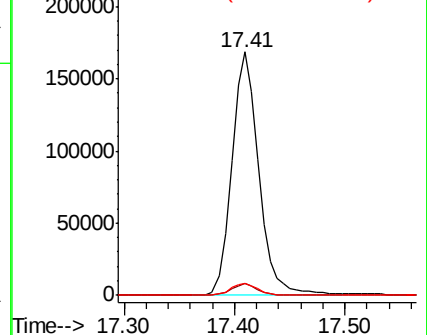
80 5.2 4.9 7.3



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: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

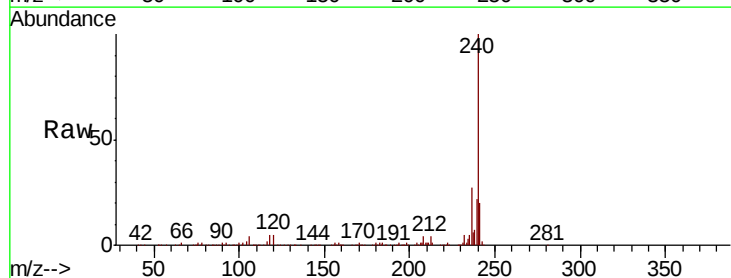
Tgt Ion:240 Resp: 355471

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

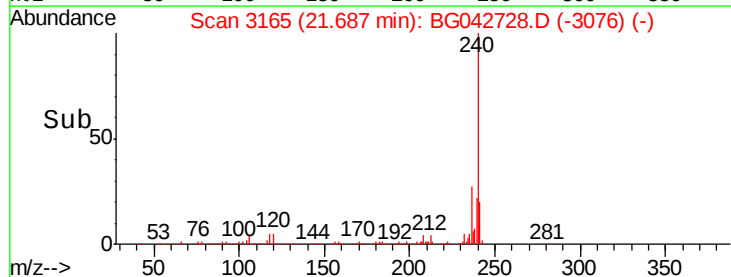
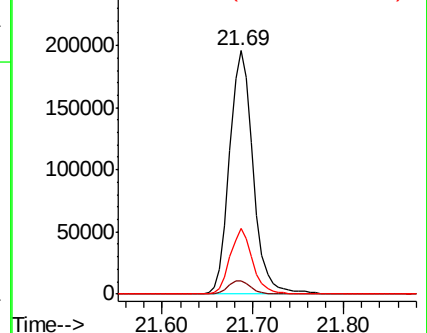
236 26.8 21.0 31.4



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: 65.148 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

T1-1-4-(0-1.5)

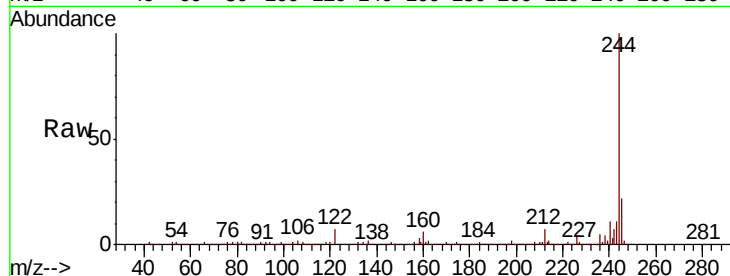
Tot Ion:244 Resp: 1071196

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

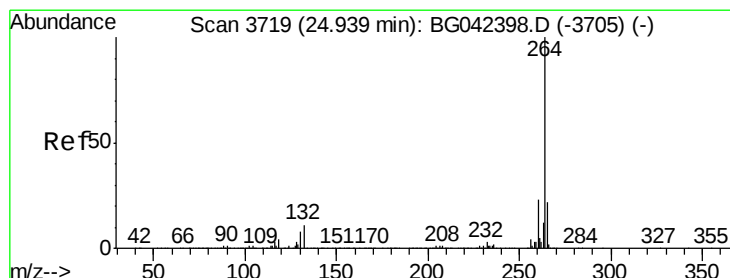
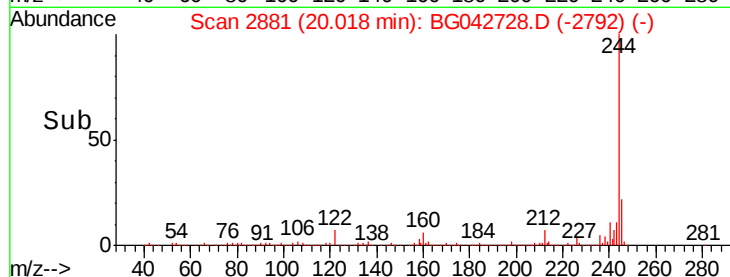
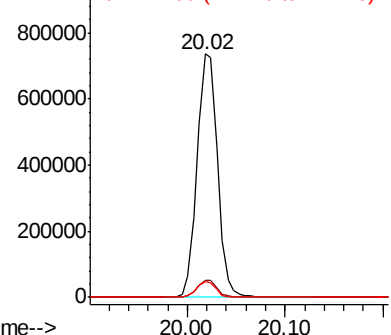
122 6.6 6.7 10.1#



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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042728.D

Acq: 5 Sep 2019 20:02

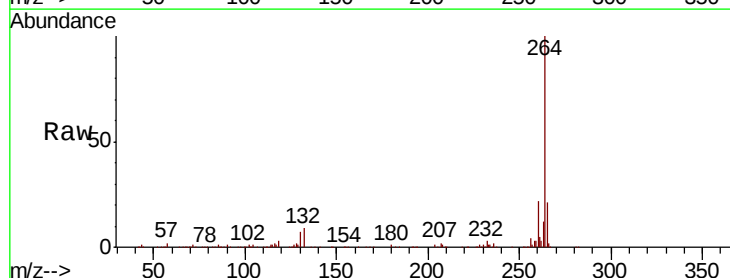
Tgt Ion:264 Resp: 413669

Ion Ratio Lower Upper

264 100

260 21.7 18.5 27.7

265 21.3 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

