

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042433.D
 Acq On : 23 Aug 2019 14:17
 Operator : HP/JU
 Sample : PB122359BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122359BL

Quant Time: Aug 23 17:57:37 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	8.00	152	85427	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	334923	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	219855	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	493795	20.00	ng	0.00
76) Chrysene-d12	21.69	240	508312	20.00	ng	0.00
87) Perylene-d12	24.93	264	579474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	677460	160.61	ng	0.00
7) Phenol-d6	7.17	99	883575	155.08	ng	0.00
23) Nitrobenzene-d5	9.17	82	484070	99.88	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	386064	123.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1273404	97.96	ng	0.00
79) Terphenyl-d14	20.03	244	2055645	87.43	ng	0.00

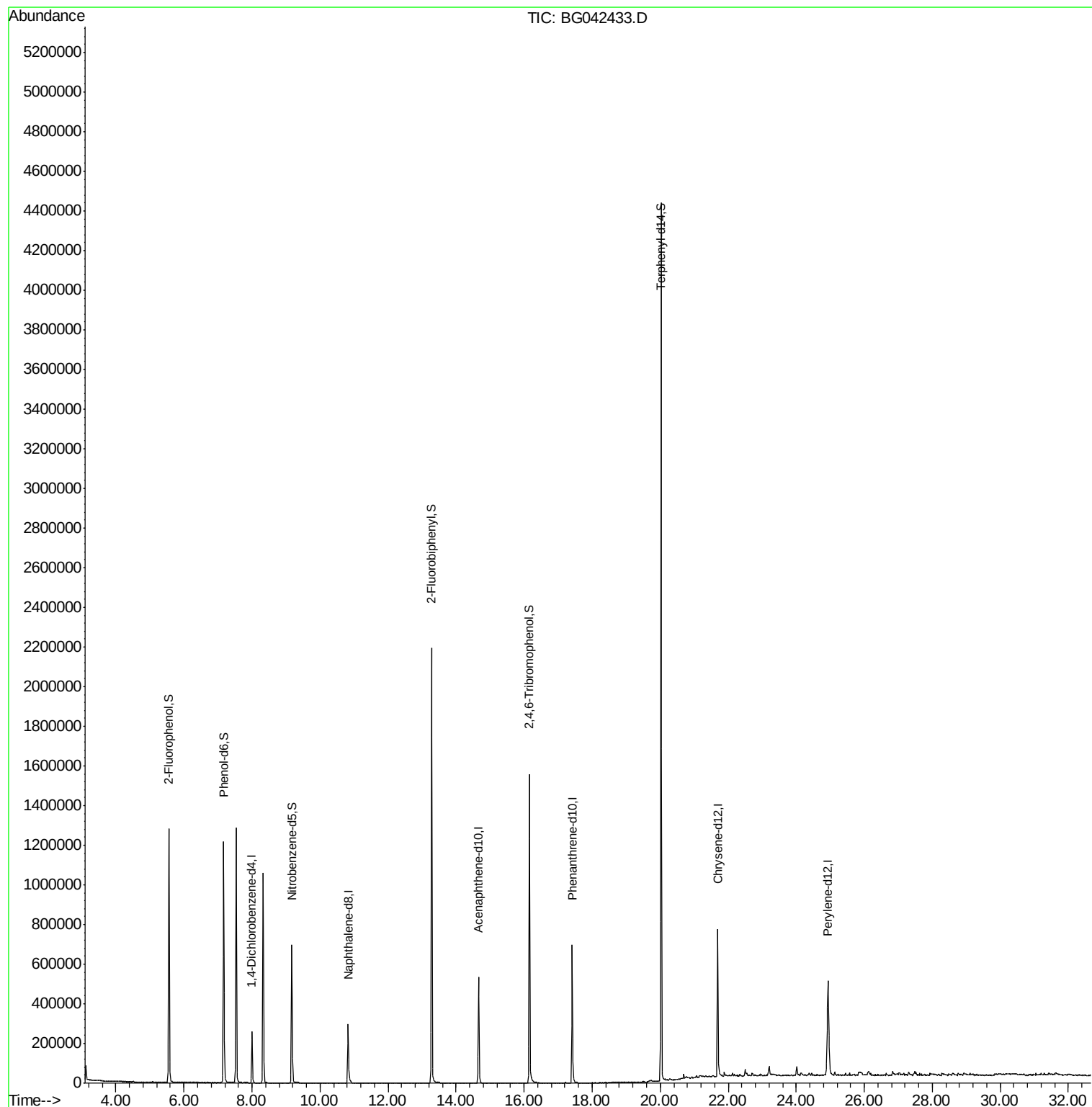
Target Compounds Qvalue

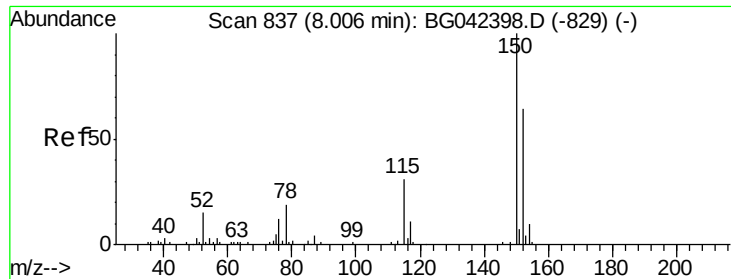
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042433.D
Acq On : 23 Aug 2019 14:17
Operator : HP/JU
Sample : PB122359BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122359BL

Quant Time: Aug 23 17:57:37 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



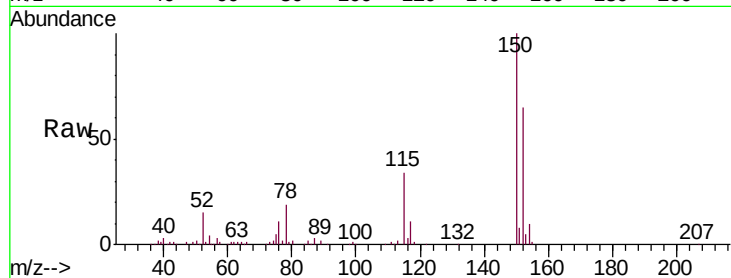


#1

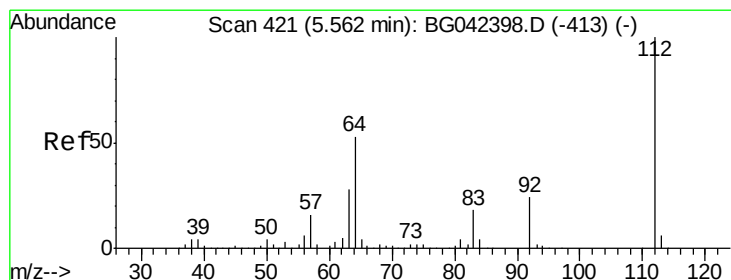
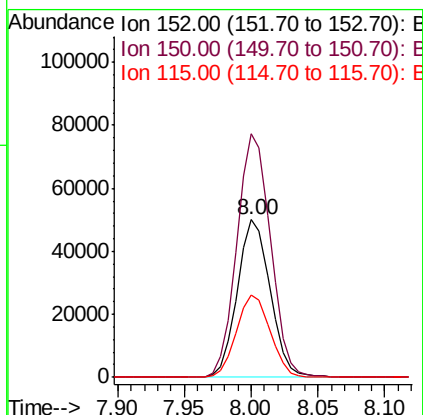
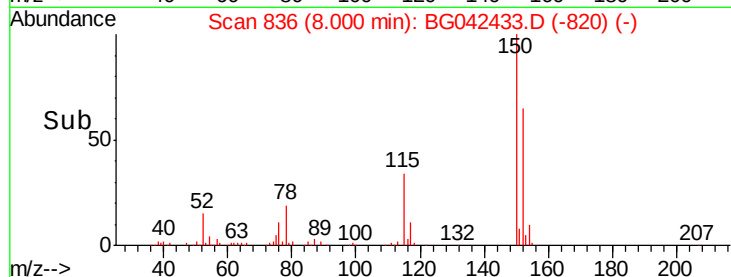
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042433.D
Acq: 23 Aug 2019 14:17

Instrument :
BNA_G
ClientSampleId :
PB122359BL

Tot Ion:152 Resp: 85427
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.0
115 52.2 38.5 57.7



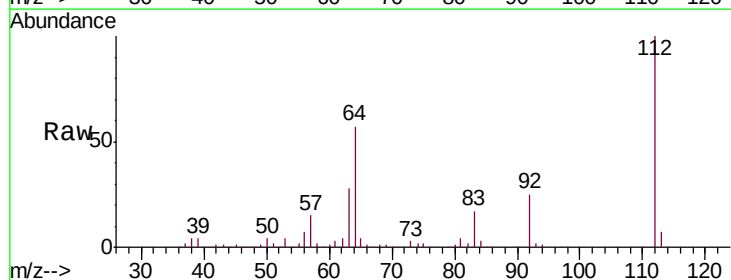
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



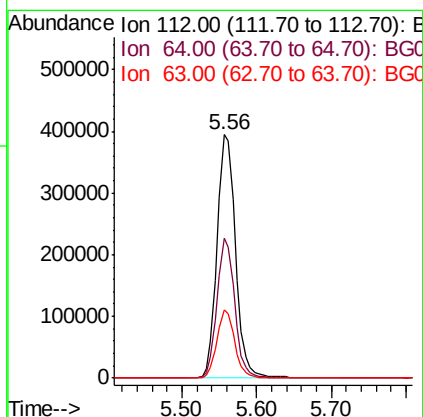
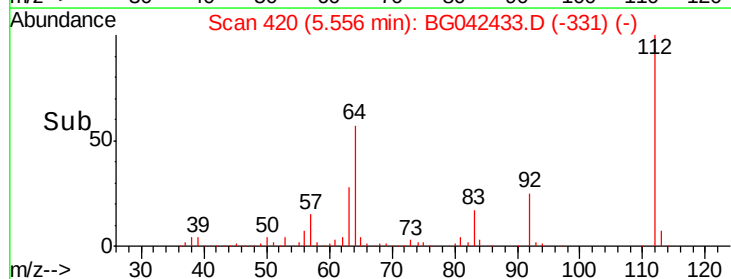
#5

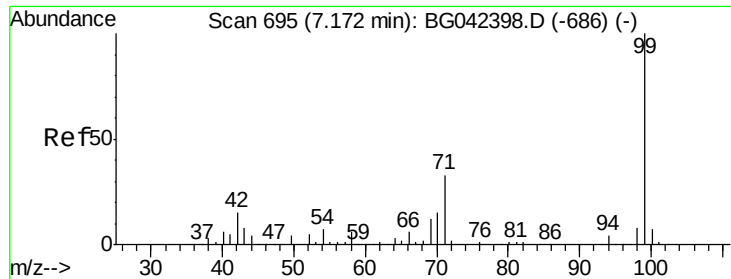
2-Fluorophenol
Concen: 160.611 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042433.D
Acq: 23 Aug 2019 14:17

Tgt Ion:112 Resp: 677460
Ion Ratio Lower Upper
112 100
64 57.2 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: 155.079 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

Instrument :

BNA_G

ClientSampleId :

PB122359BL

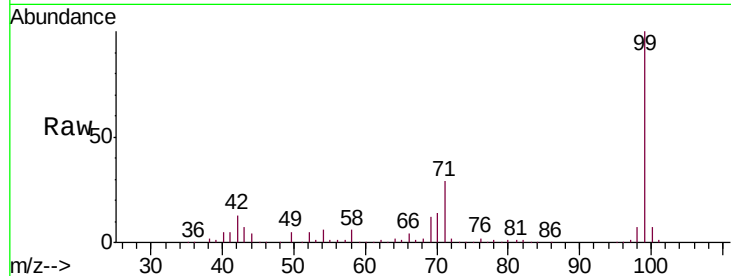
Tot Ion: 99 Resp: 883575

Ion Ratio Lower Upper

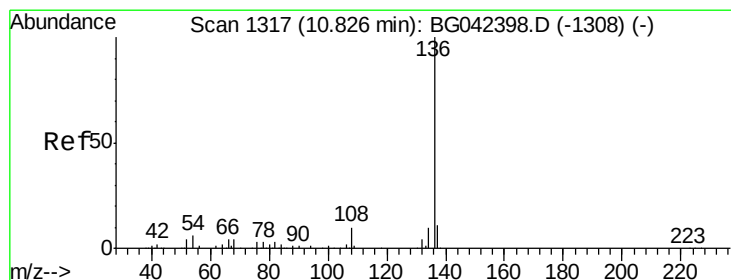
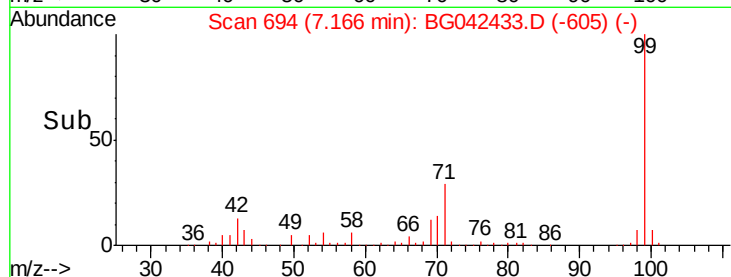
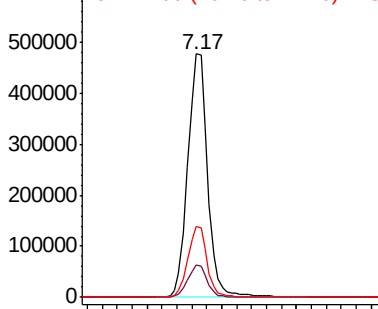
99 100

42 13.3 12.0 18.0

71 29.3 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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

Tgt Ion: 136 Resp: 334923

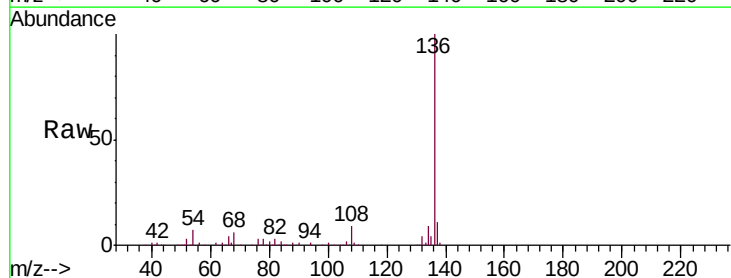
Ion Ratio Lower Upper

136 100

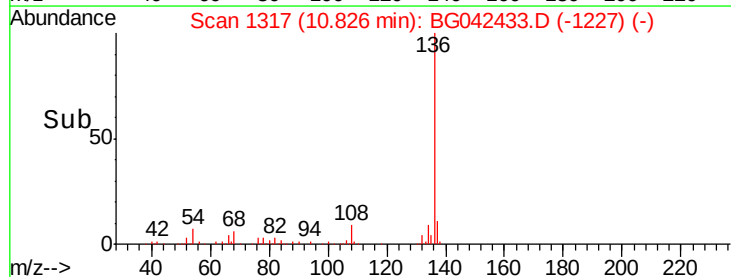
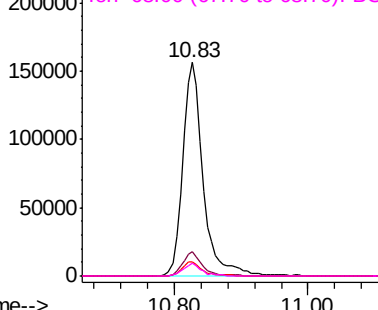
137 11.3 8.7 13.1

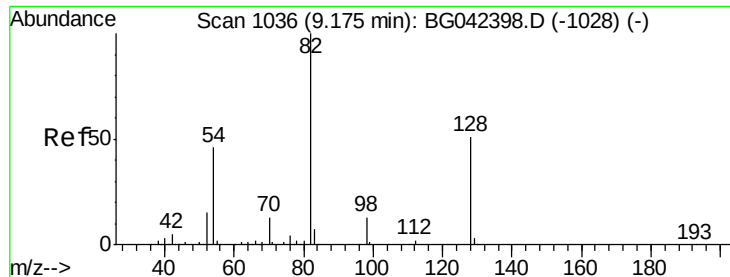
54 6.7 4.9 7.3

68 5.8 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

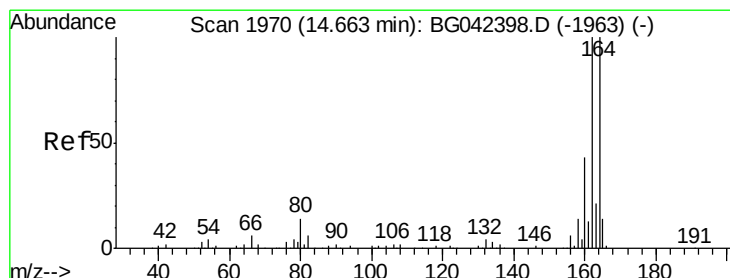
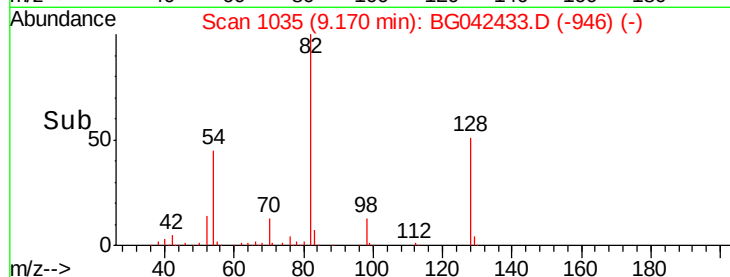
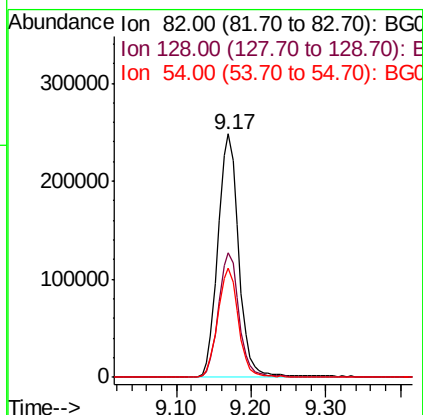
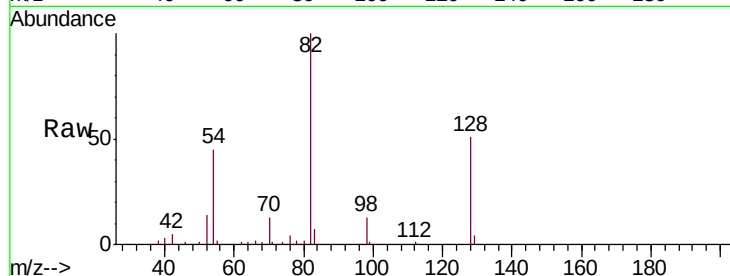




#23
 Nitrobenzene-d5
 Concen: 99.877 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042433.D
 Acq: 23 Aug 2019 14:17

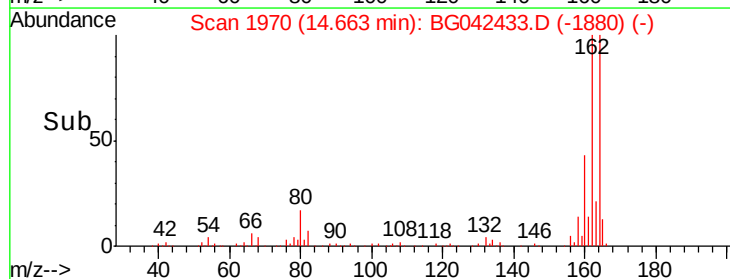
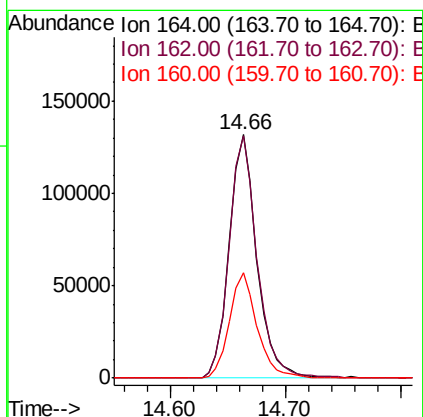
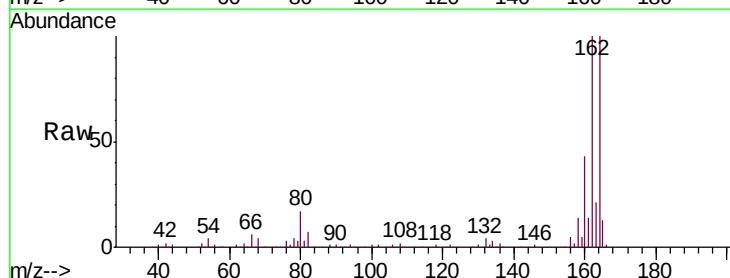
Instrument :
 BNA_G
 ClientSampleId :
 PB122359BL

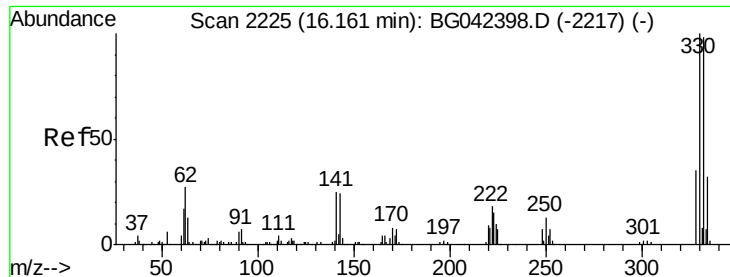
Tot Ion	82	Resp	484070
Ion Ratio	Lower	Upper	
82	100		
128	51.4	40.7	61.1
54	45.1	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG042433.D
 Acq: 23 Aug 2019 14:17

Tgt Ion	164	Resp	219855
Ion Ratio	Lower	Upper	
164	100		
162	99.7	79.9	119.9
160	43.2	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 123.545 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

Instrument :

BNA_G

ClientSampleId :

PB122359BL

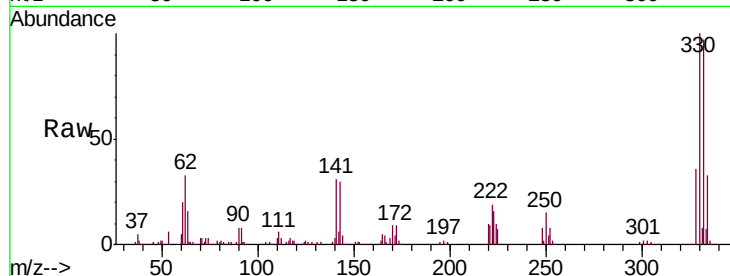
Tot Ion:330 Resp: 386064

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

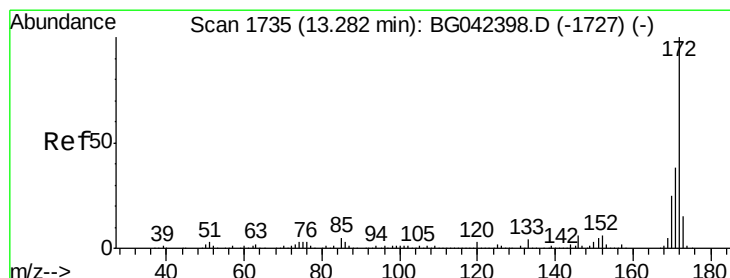
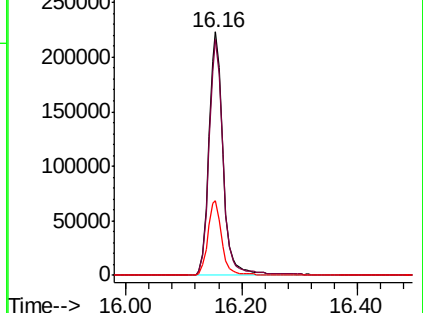
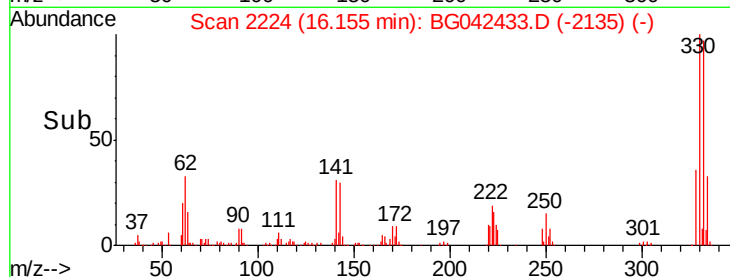
141 30.4 21.4 32.0



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: 97.959 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

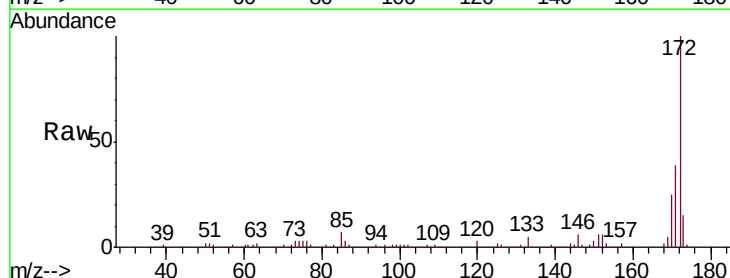
Tgt Ion:172 Resp: 1273404

Ion Ratio Lower Upper

172 100

171 38.8 30.5 45.7

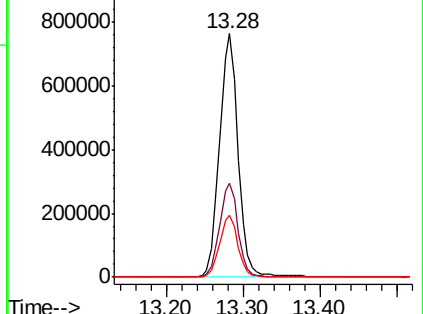
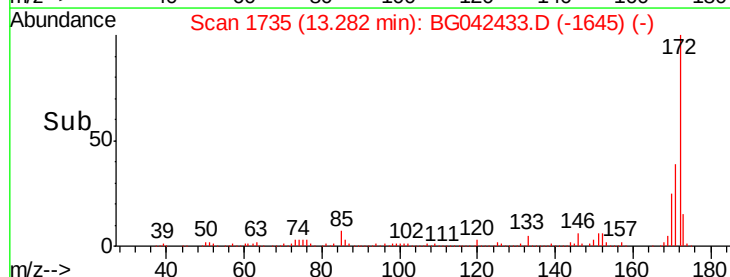
170 25.3 20.2 30.2

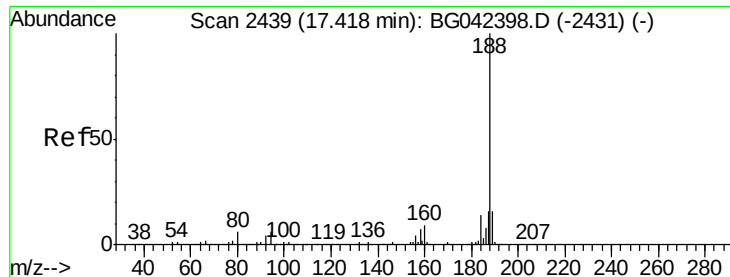


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

Instrument :

BNA_G

ClientSampleId :

PB122359BL

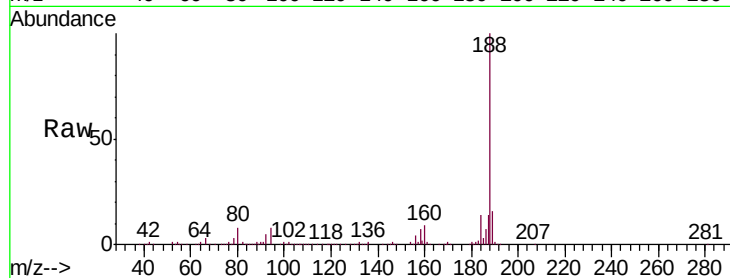
Tot Ion:188 Resp: 493795

Ion Ratio Lower Upper

188 100

94 7.7 4.5 6.7#

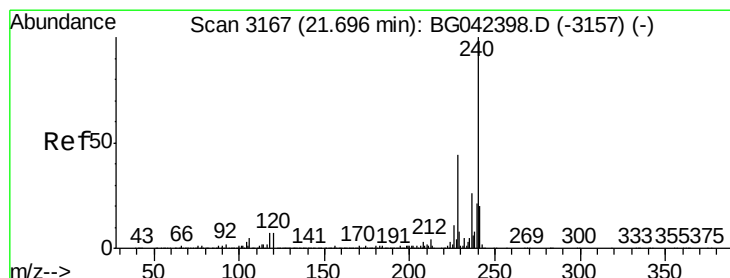
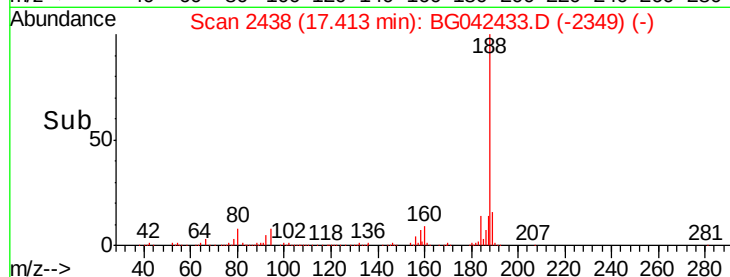
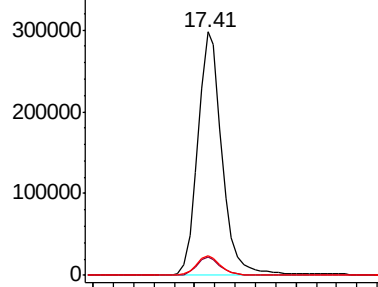
80 8.0 4.9 7.3#



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

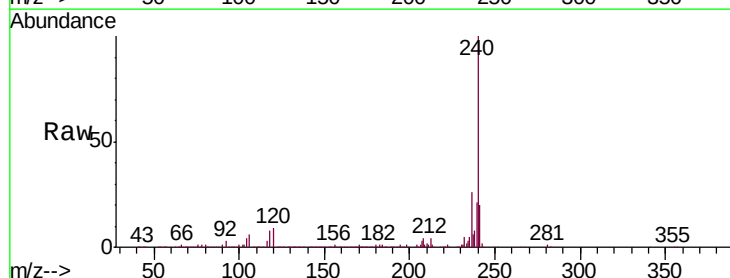
Tgt Ion:240 Resp: 508312

Ion Ratio Lower Upper

240 100

120 9.2 5.7 8.5#

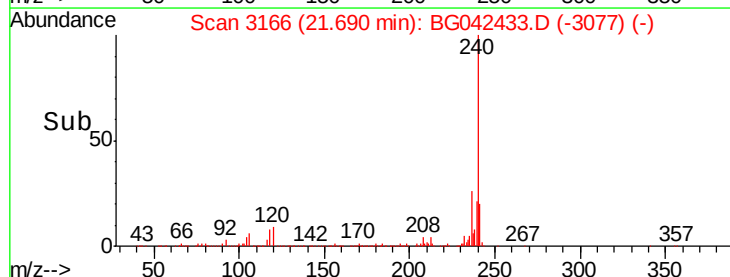
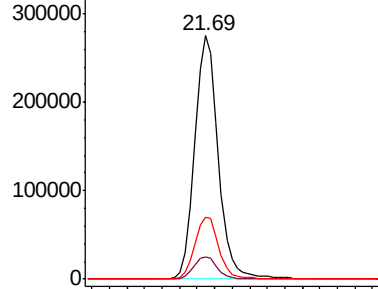
236 25.5 21.0 31.4

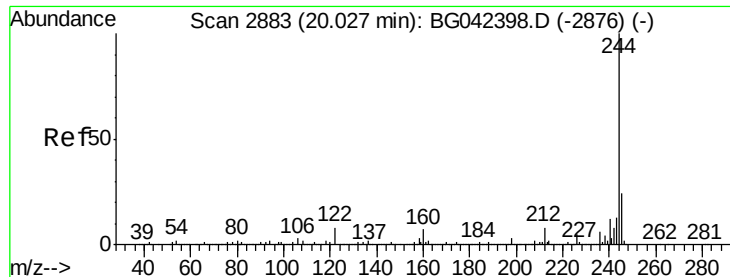


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.429 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

Instrument :

BNA_G

ClientSampleId :

PB122359BL

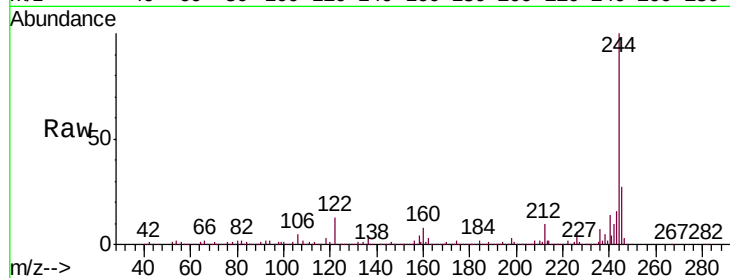
Tot Ion:244 Resp: 2055645

Ion Ratio Lower Upper

244 100

212 9.5 6.0 9.0#

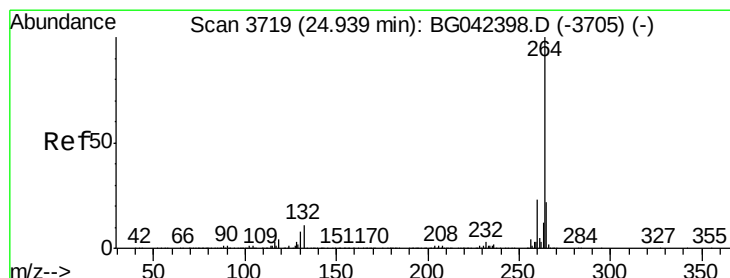
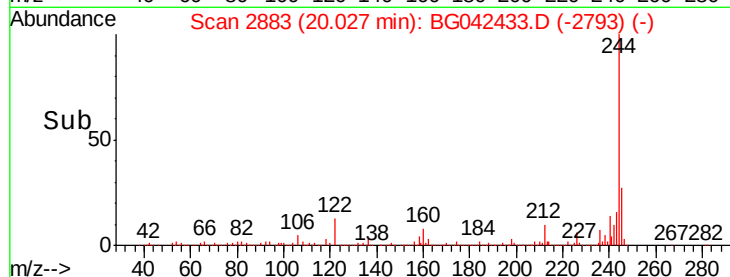
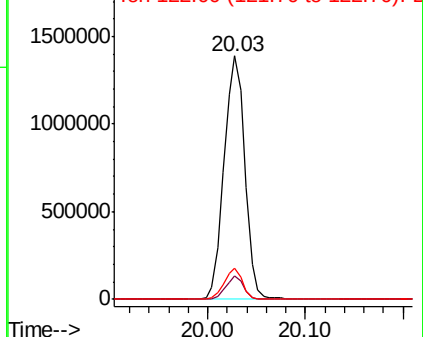
122 12.8 6.7 10.1#



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# 3718

Delta R.T. -0.01 min

Lab File: BG042433.D

Acq: 23 Aug 2019 14:17

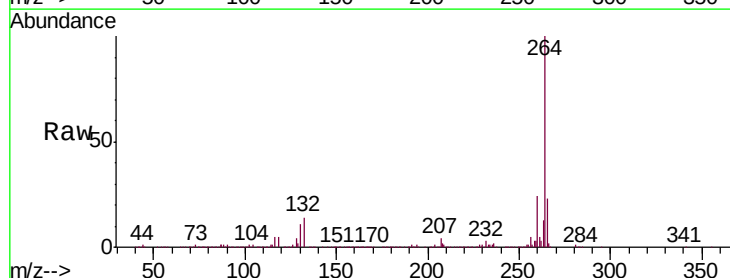
Tgt Ion:264 Resp: 579474

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 23.1 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

