

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042749.D
 Acq On : 6 Sep 2019 15:39
 Operator : HP/JU
 Sample : PB122825BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BL

Quant Time: Sep 06 16:50:47 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	8.01	152	28958	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114285	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	94369	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	244202	20.00	ng	0.00
76) Chrysene-d12	21.70	240	247099	20.00	ng	0.00
87) Perylene-d12	24.95	264	267881	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	192868	134.89	ng	0.00
7) Phenol-d6	7.18	99	254475	131.76	ng	0.00
23) Nitrobenzene-d5	9.18	82	140225	84.79	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	188768	140.74	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	523736	93.86	ng	0.00
79) Terphenyl-d14	20.03	244	1229624	107.58	ng	0.00

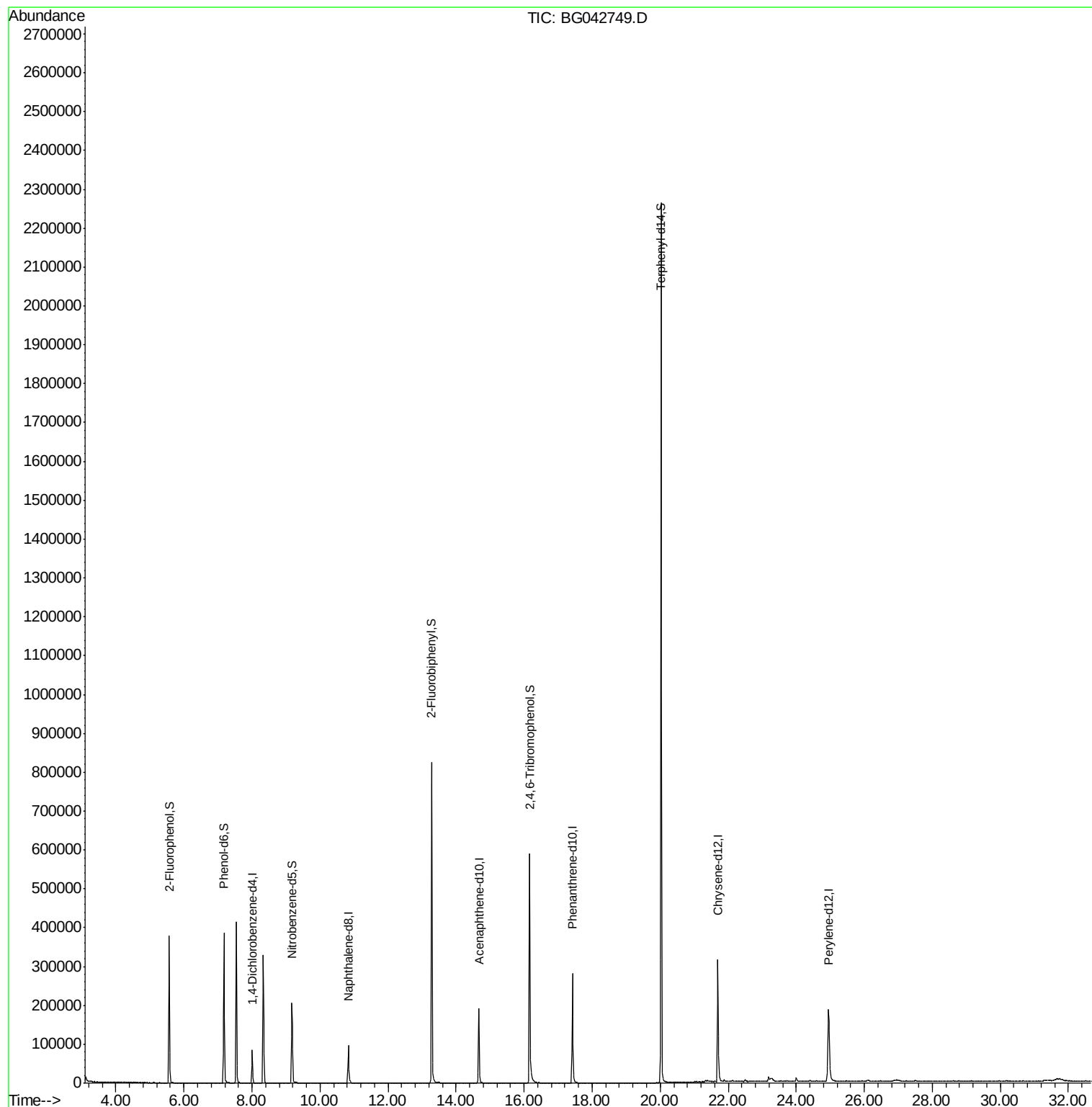
Target Compounds Qvalue

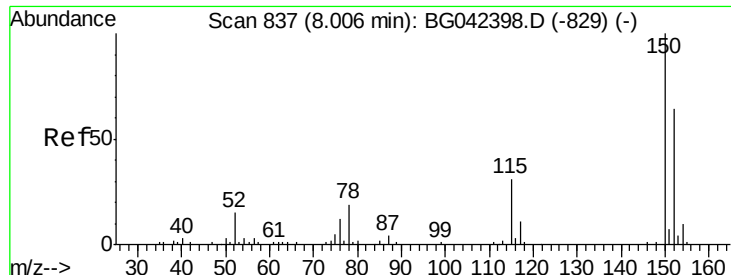
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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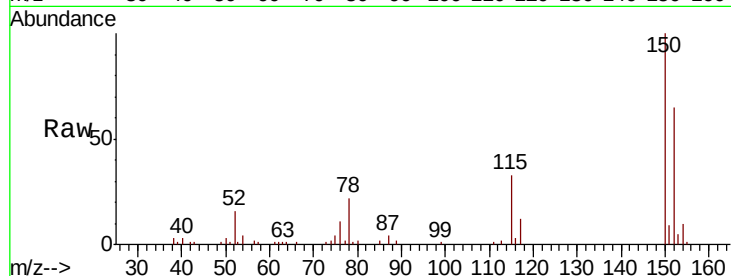


#1

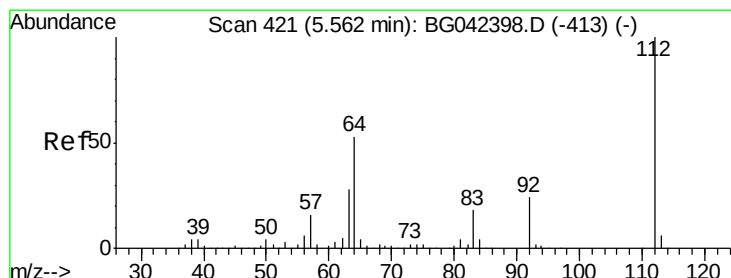
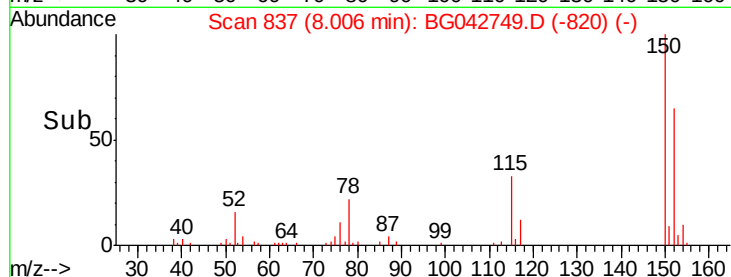
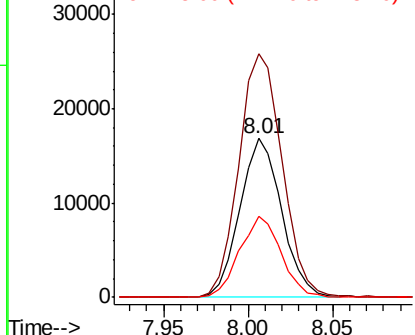
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042749.D
Acq: 6 Sep 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB122825BL

Tot Ion:152 Resp: 28958
Ion Ratio Lower Upper
152 100
150 153.4 125.4 188.0
115 51.2 38.5 57.7



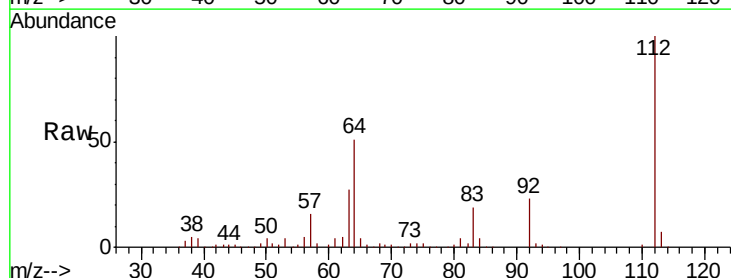
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



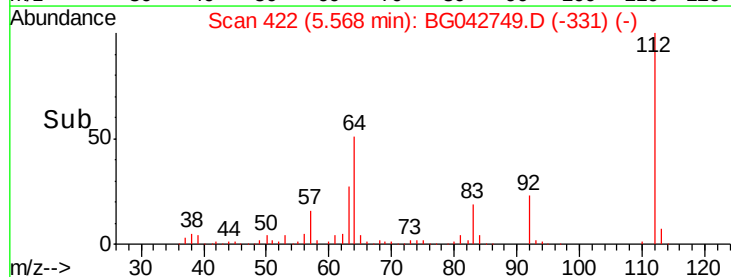
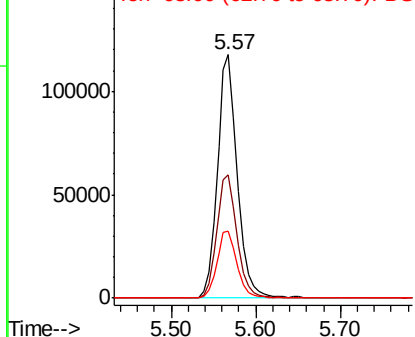
#5

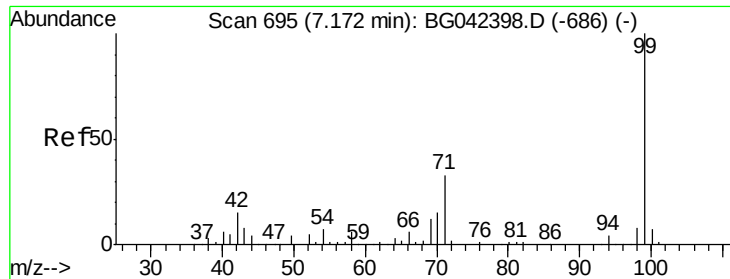
2-Fluorophenol
Concen: 134.890 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042749.D
Acq: 6 Sep 2019 15:39

Tgt Ion:112 Resp: 192868
Ion Ratio Lower Upper
112 100
64 50.8 42.8 64.2
63 27.4 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: 131.759 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

PB122825BL

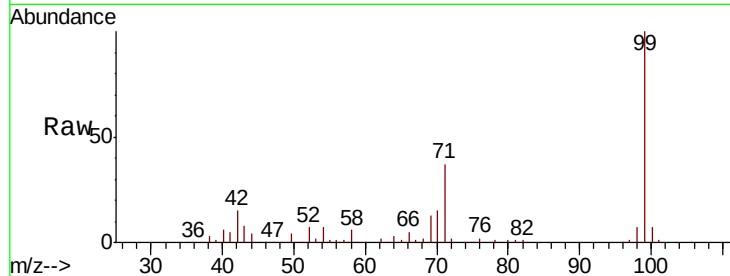
Tot Ion: 99 Resp: 254475

Ion Ratio Lower Upper

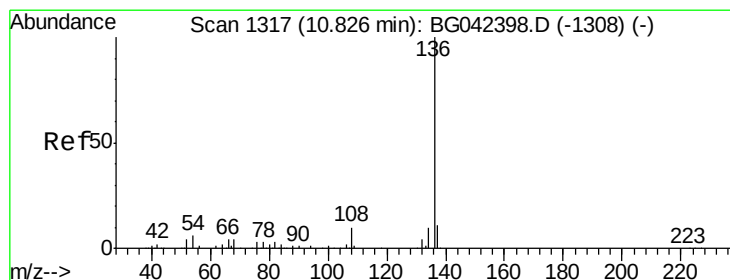
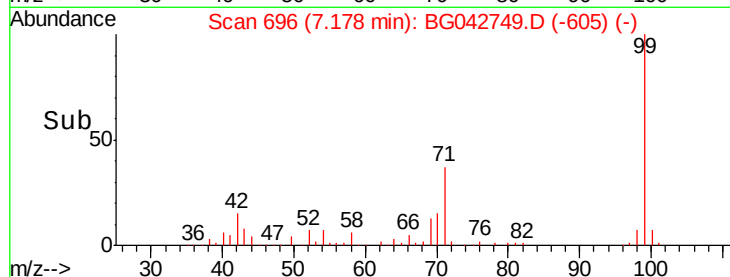
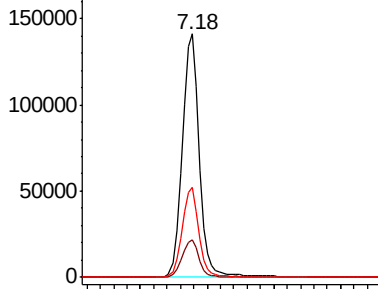
99 100

42 15.3 12.0 18.0

71 36.8 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# 1318

Delta R.T. 0.01 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

Tgt Ion: 136 Resp: 114285

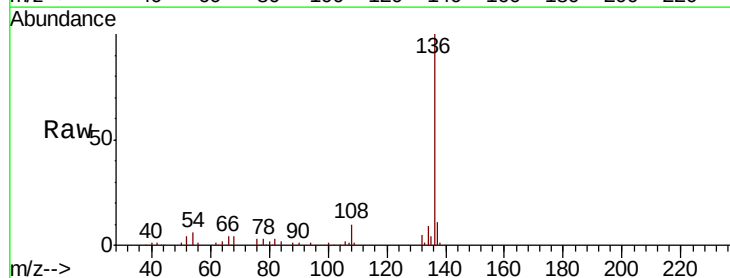
Ion Ratio Lower Upper

136 100

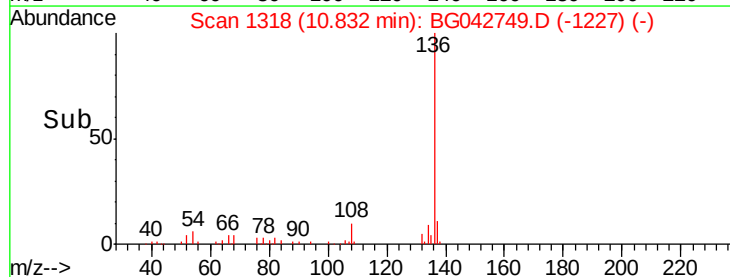
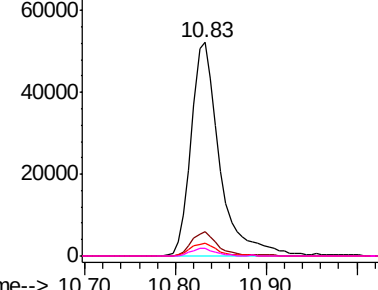
137 11.2 8.7 13.1

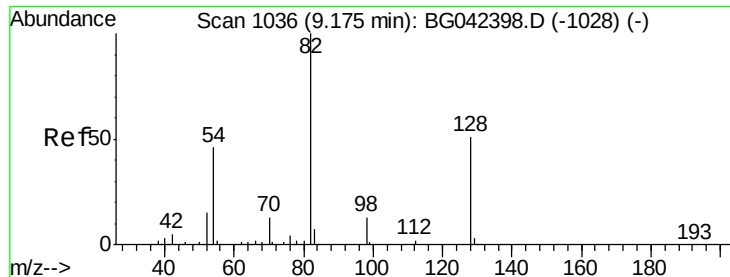
54 6.2 4.9 7.3

68 3.6 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

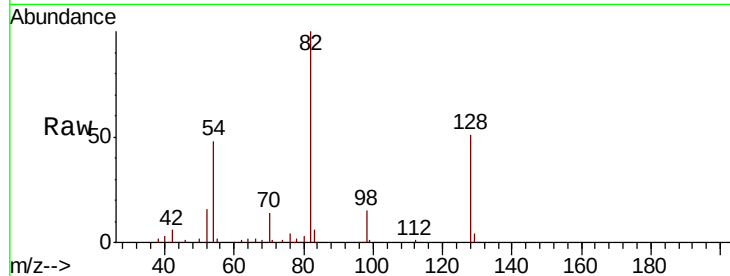




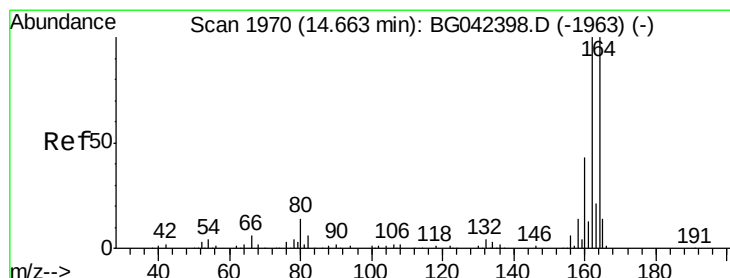
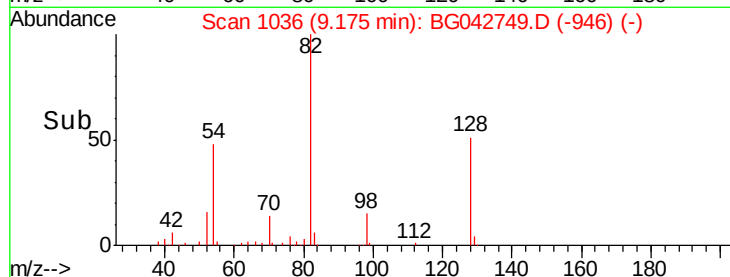
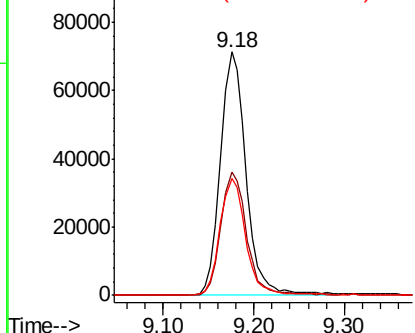
#23
Nitrobenzene-d5
Concen: 84.789 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042749.D
Acq: 6 Sep 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB122825BL

Tot Ion	82	Resp	140225
Ion Ratio	Lower	Upper	
82	100		
128	50.9	40.7	61.1
54	48.0	36.3	54.5

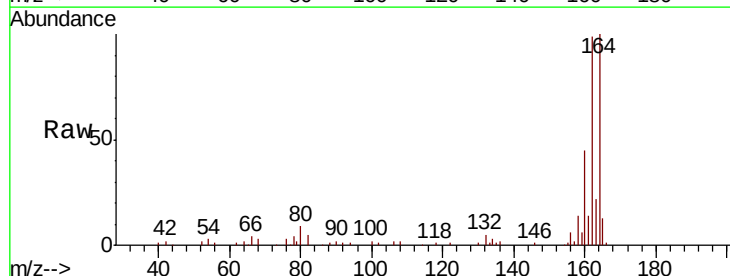


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

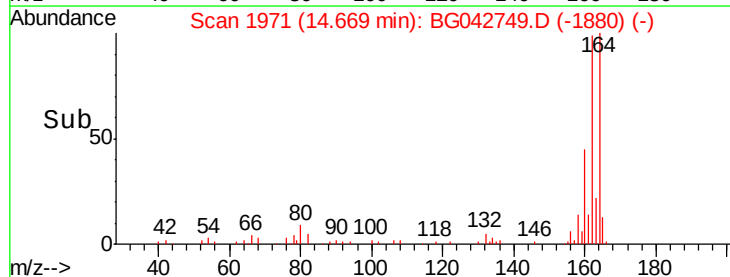
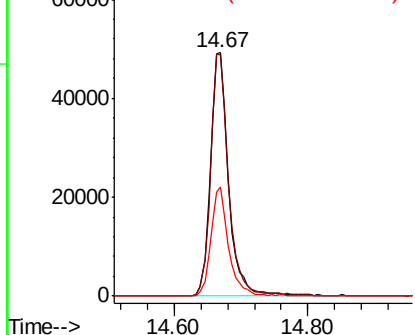


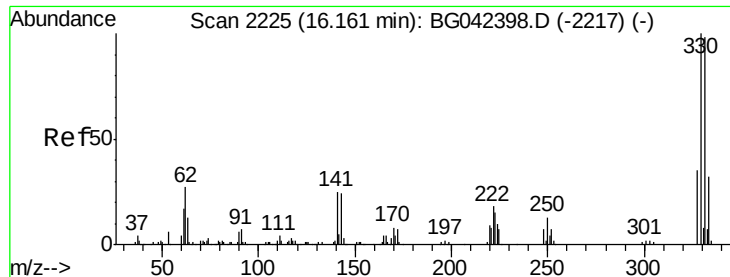
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BG042749.D
Acq: 6 Sep 2019 15:39

Tgt Ion	164	Resp	94369
Ion Ratio	Lower	Upper	
164	100		
162	99.2	79.9	119.9
160	44.7	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: 140.735 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

PB122825BL

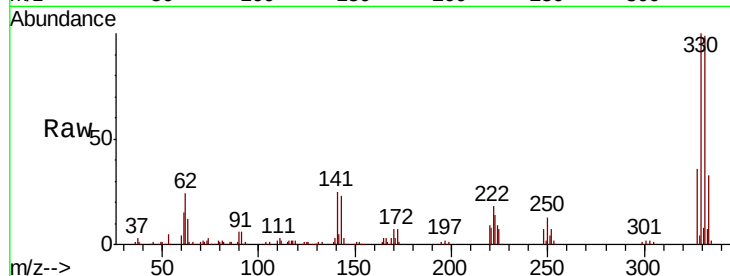
Tot Ion:330 Resp: 188768

Ion Ratio Lower Upper

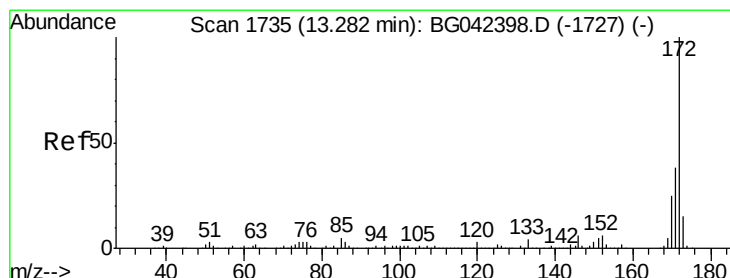
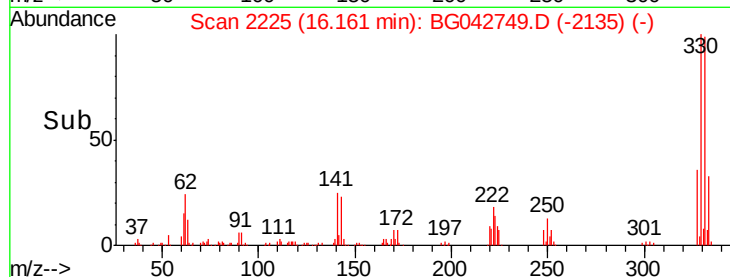
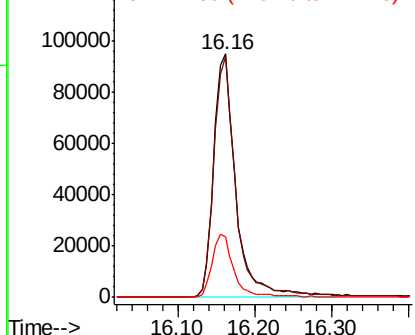
330 100

332 99.6 77.4 116.0

141 25.6 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: 93.864 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

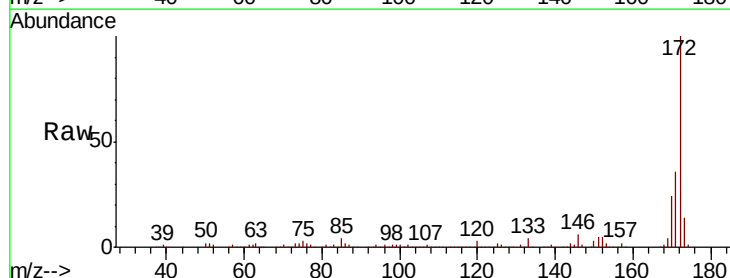
Tgt Ion:172 Resp: 523736

Ion Ratio Lower Upper

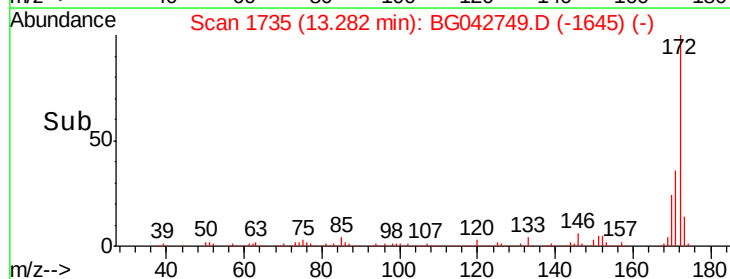
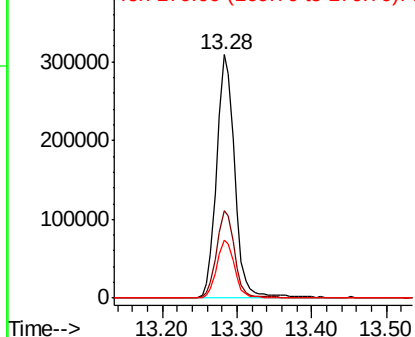
172 100

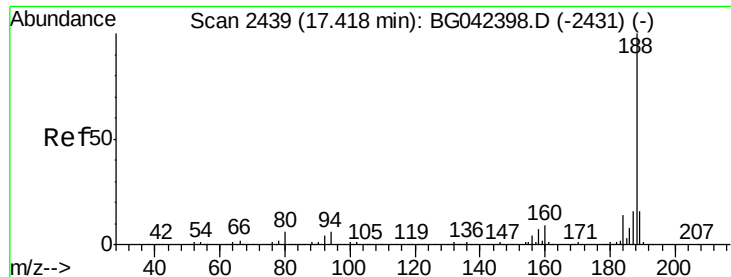
171 36.1 30.5 45.7

170 23.9 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: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

PB122825BL

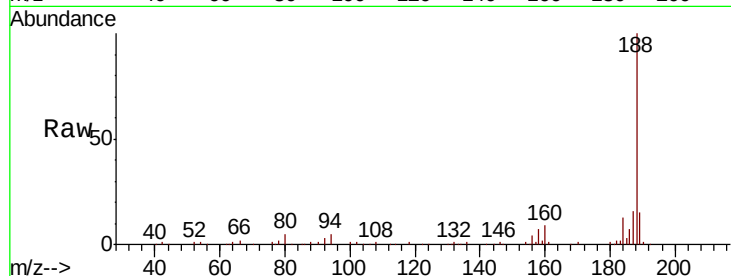
Tot Ion:188 Resp: 244202

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

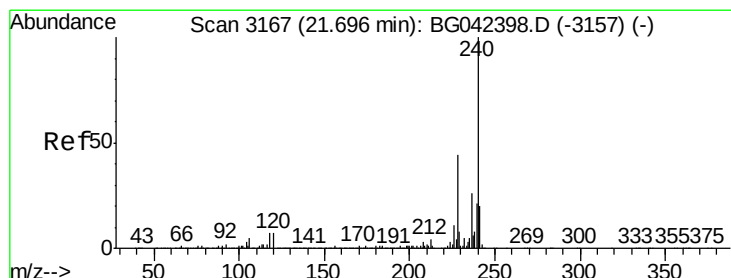
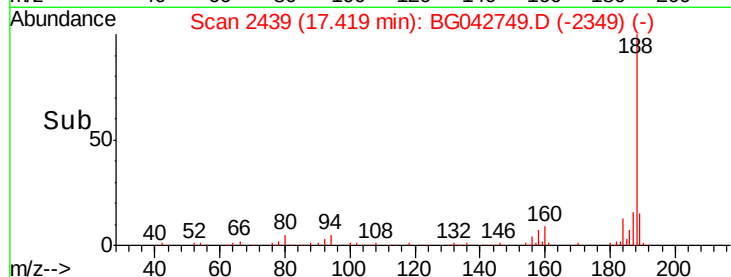
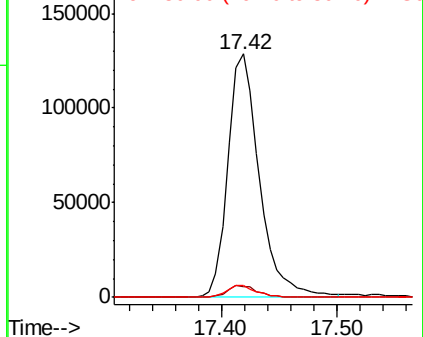
80 5.1 4.9 7.3



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

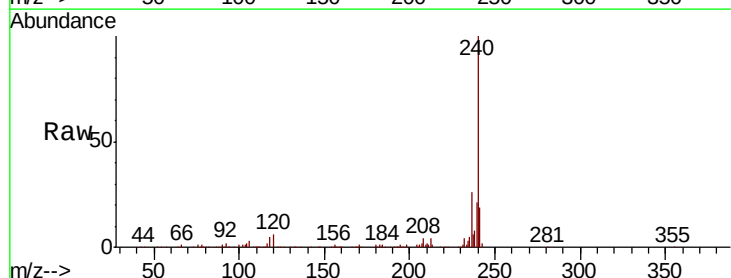
Tgt Ion:240 Resp: 247099

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

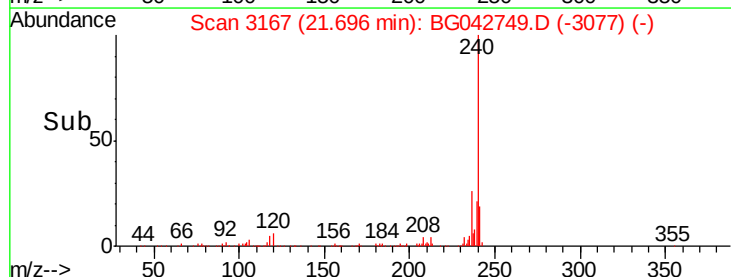
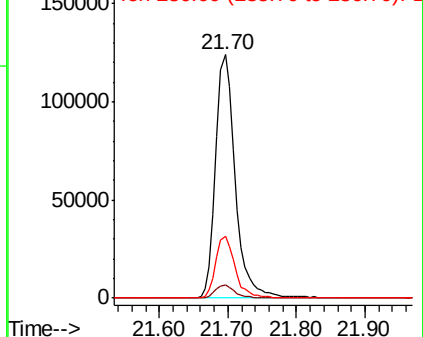
236 25.6 21.0 31.4

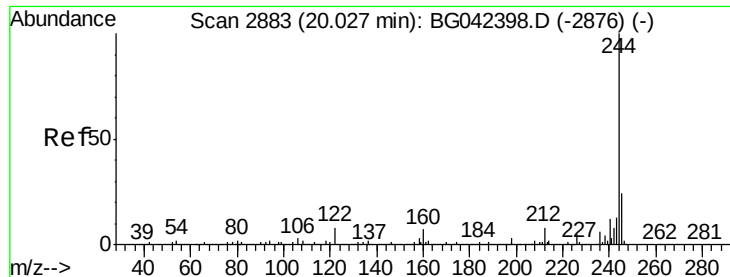


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.582 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

Instrument :

BNA_G

ClientSampleId :

PB122825BL

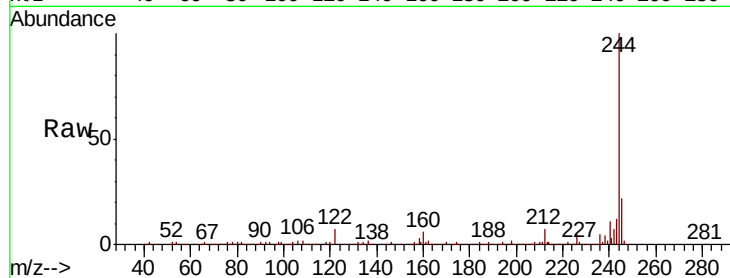
Tot Ion:244 Resp: 1229624

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

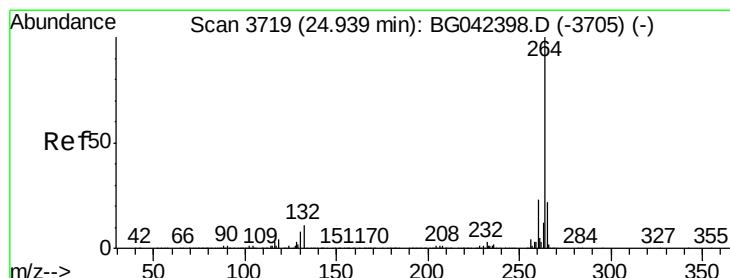
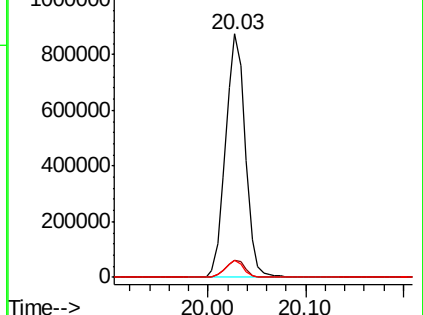
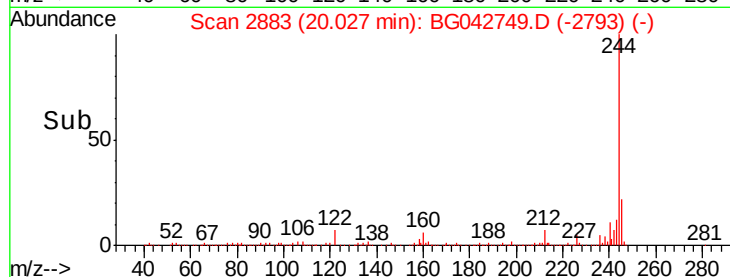
122 6.9 6.7 10.1



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: 24.95 min Scan# 3721

Delta R.T. 0.01 min

Lab File: BG042749.D

Acq: 6 Sep 2019 15:39

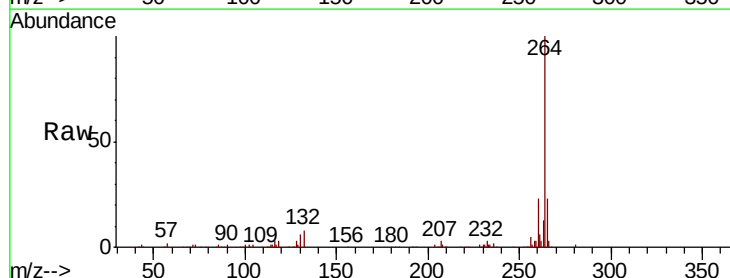
Tgt Ion:264 Resp: 267881

Ion Ratio Lower Upper

264 100

260 23.0 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

