

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
 Data File : BG042723.D
 Acq On : 5 Sep 2019 16:51
 Operator : HP/JU
 Sample : PB122826TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122826TB

Quant Time: Sep 05 18:59:43 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	46094	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	168661	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	123834	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	297516	20.00	ng	0.00
76) Chrysene-d12	21.69	240	357610	20.00	ng	0.00
87) Perylene-d12	24.93	264	415514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	218734	96.11	ng	0.00
7) Phenol-d6	7.16	99	272983	88.80	ng	0.00
23) Nitrobenzene-d5	9.17	82	156122	63.97	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	170939	97.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	535703	73.16	ng	0.00
79) Terphenyl-d14	20.02	244	1145301	69.24	ng	0.00

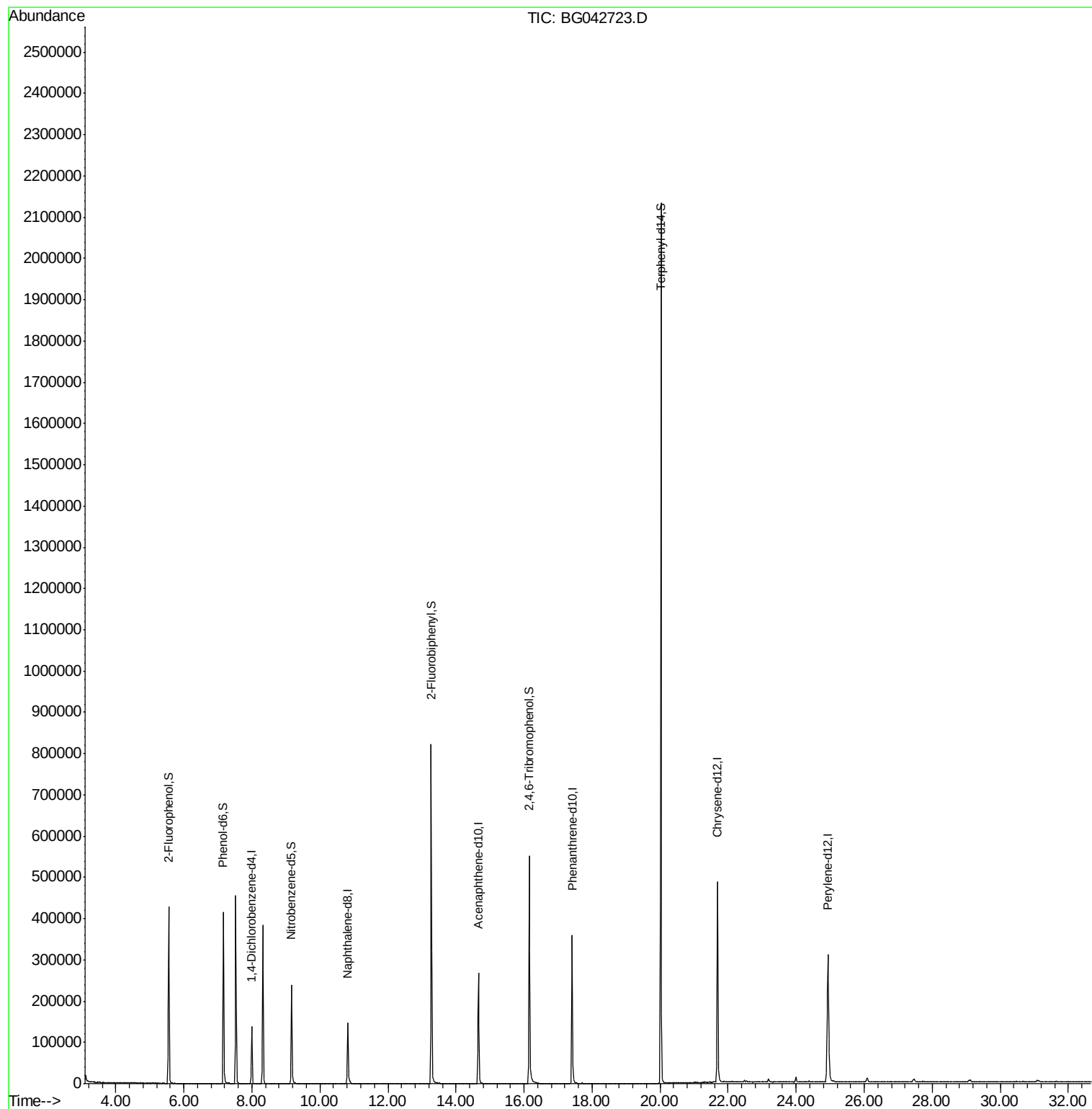
Target Compounds Qvalue

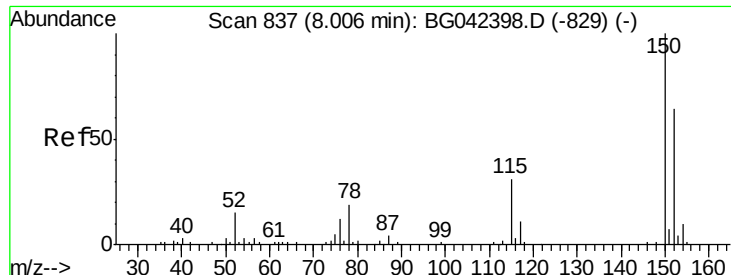
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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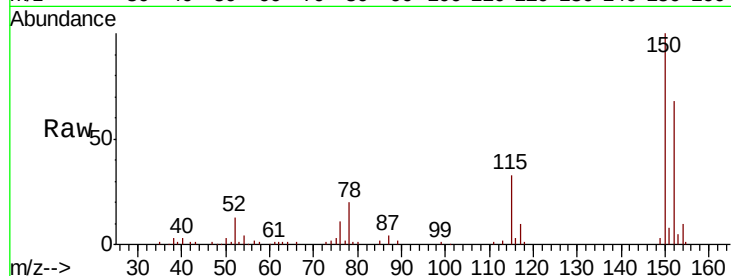


#1

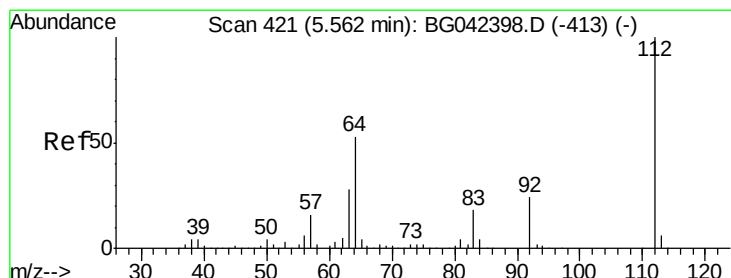
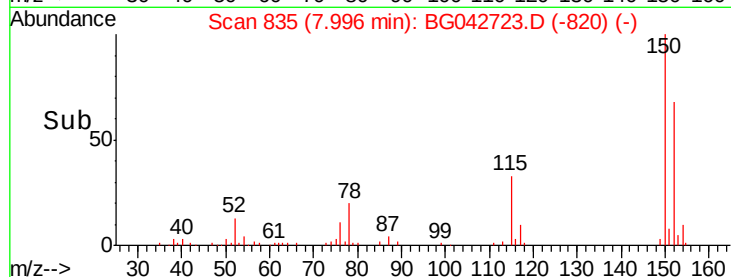
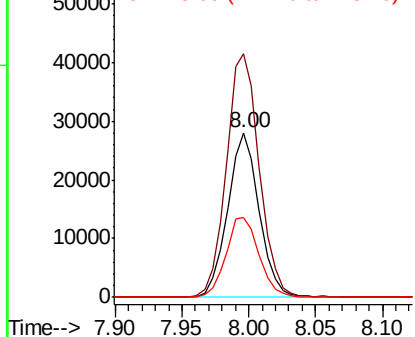
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042723.D
Acq: 5 Sep 2019 16:51

Instrument :
BNA_G
ClientSampleId :
PB122826TB

Tot Ion:152 Resp: 46094
Ion Ratio Lower Upper
152 100
150 148.0 125.4 188.0
115 48.5 38.5 57.7



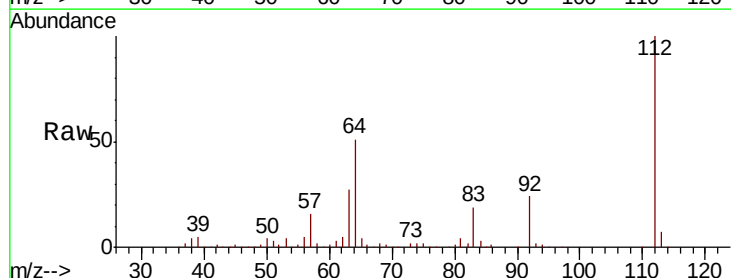
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



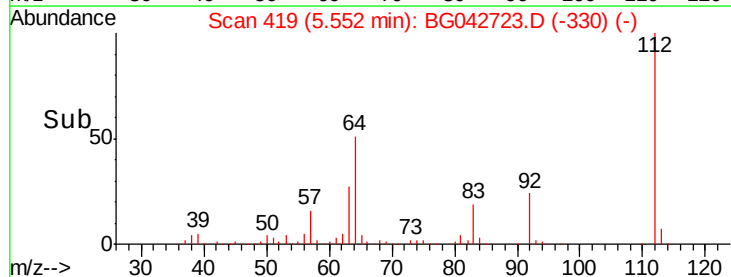
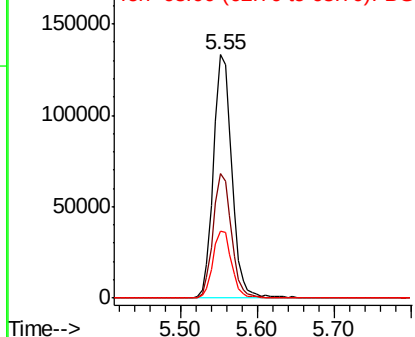
#5

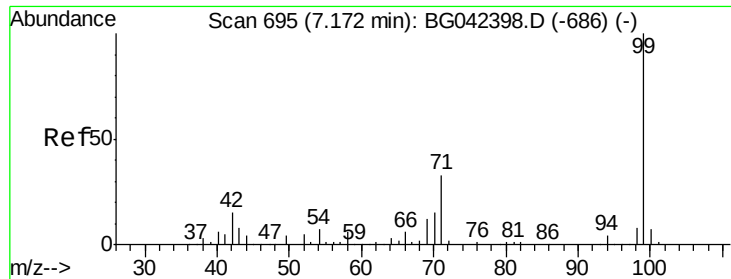
2-Fluorophenol
Concen: 96.108 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042723.D
Acq: 5 Sep 2019 16:51

Tgt Ion:112 Resp: 218734
Ion Ratio Lower Upper
112 100
64 51.2 42.8 64.2
63 27.3 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: 88.797 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB122826TB

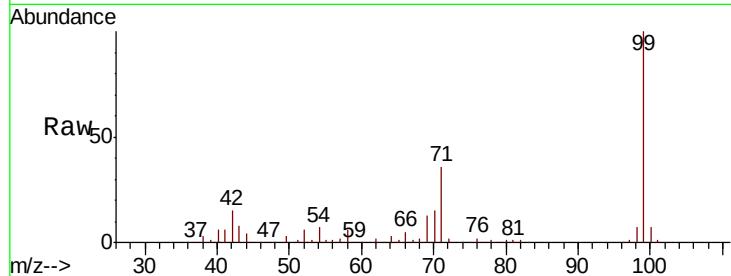
Tot Ion: 99 Resp: 272983

Ion Ratio Lower Upper

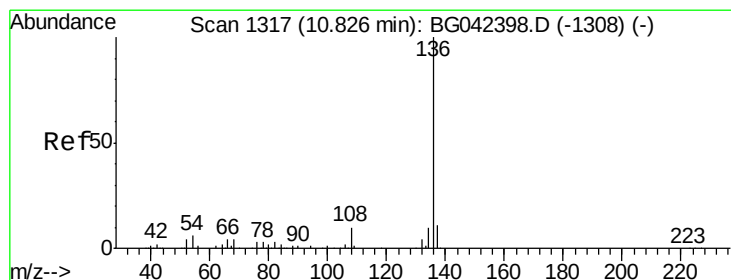
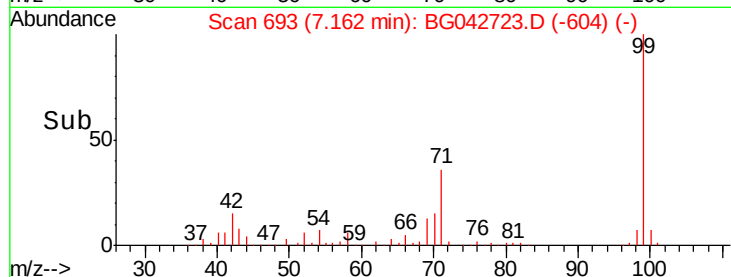
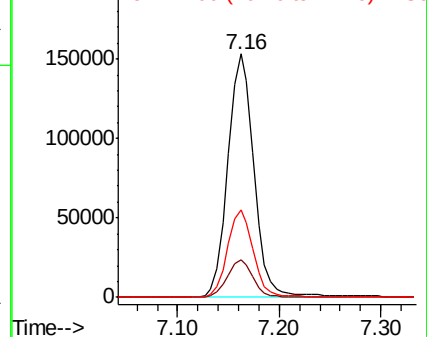
99 100

42 15.4 12.0 18.0

71 35.7 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: 10.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

Tgt Ion: 136 Resp: 168661

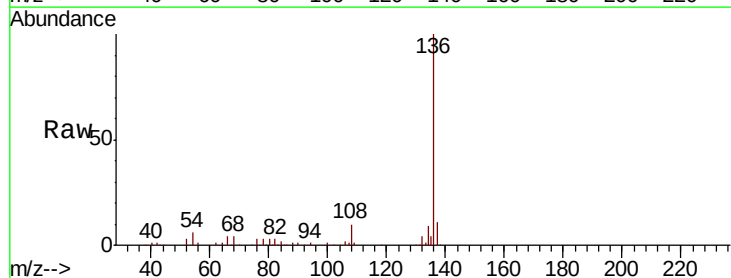
Ion Ratio Lower Upper

136 100

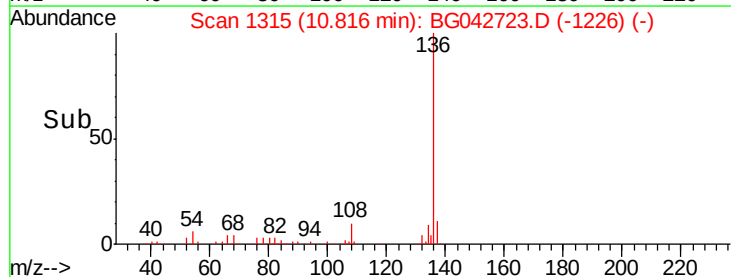
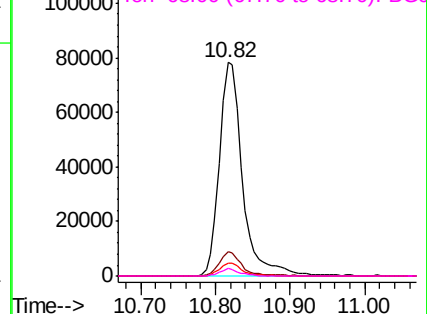
137 11.3 8.7 13.1

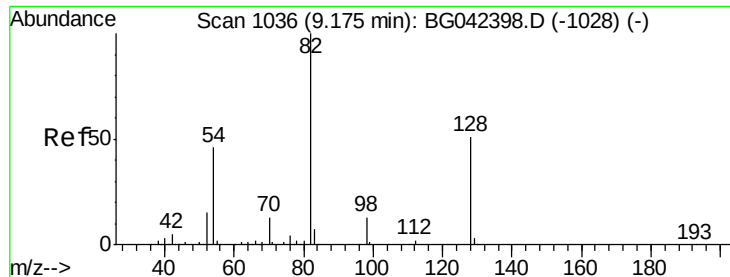
54 6.1 4.9 7.3

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: 63.966 ng

RT: 9.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB122826TB

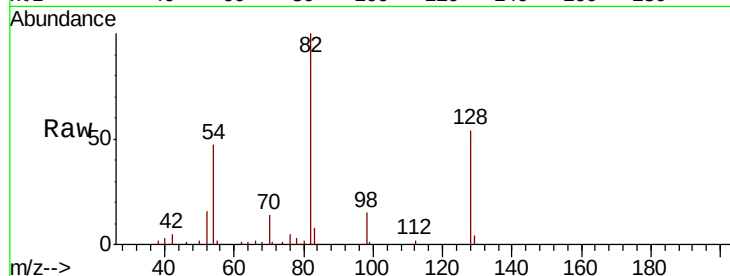
Tot Ion: 82 Resp: 156122

Ion Ratio Lower Upper

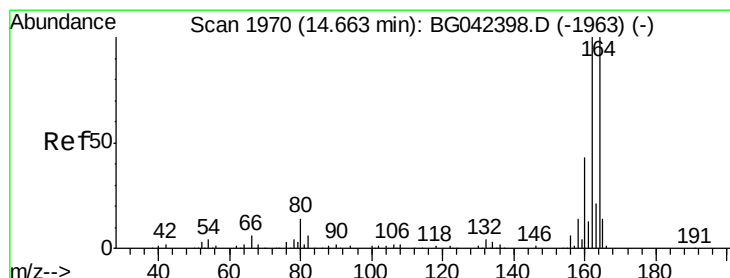
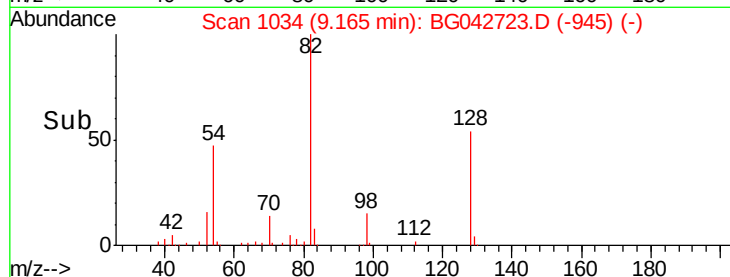
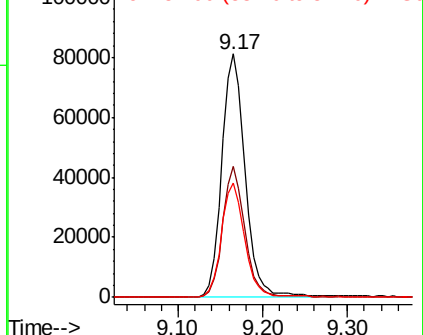
82 100

128 54.0 40.7 61.1

54 46.9 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. -0.00 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

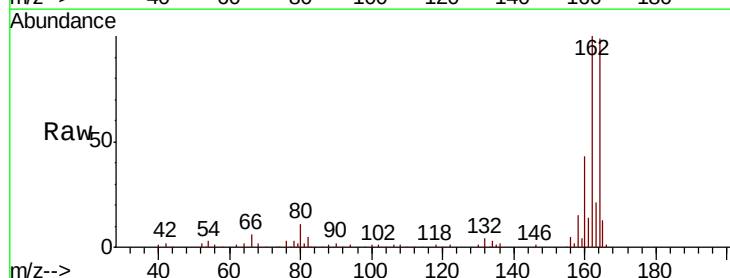
Tgt Ion:164 Resp: 123834

Ion Ratio Lower Upper

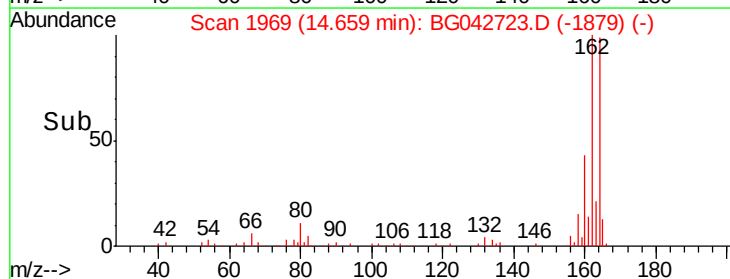
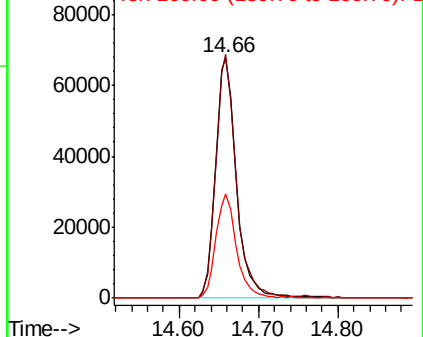
164 100

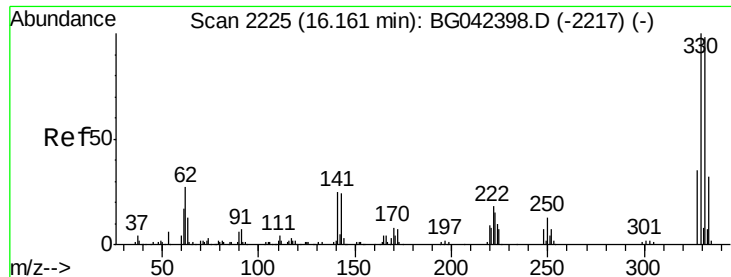
162 101.4 79.9 119.9

160 43.1 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: 97.119 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

Instrument :

BNA_G

ClientSampleId :

PB122826TB

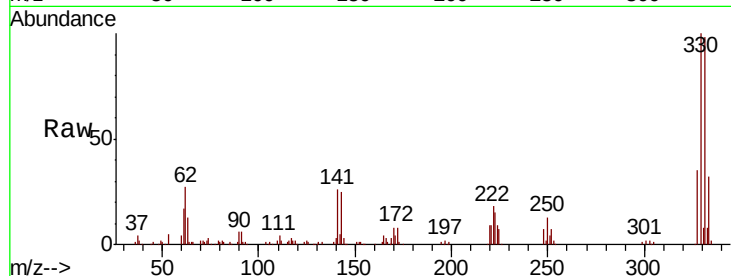
Tot Ion:330 Resp: 170939

Ion Ratio Lower Upper

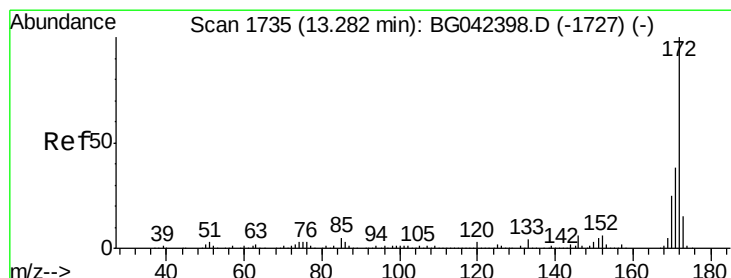
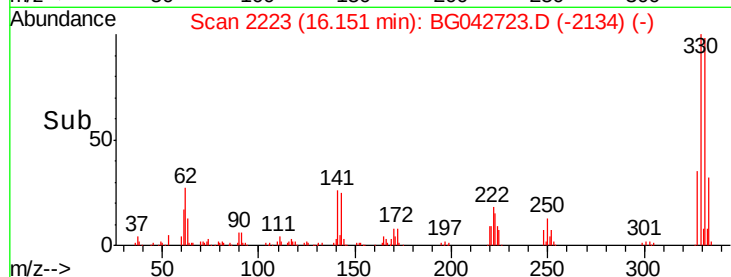
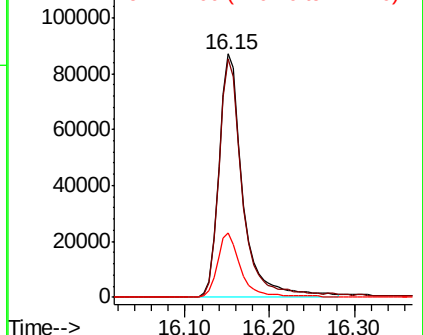
330 100

332 96.4 77.4 116.0

141 25.8 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: 73.165 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

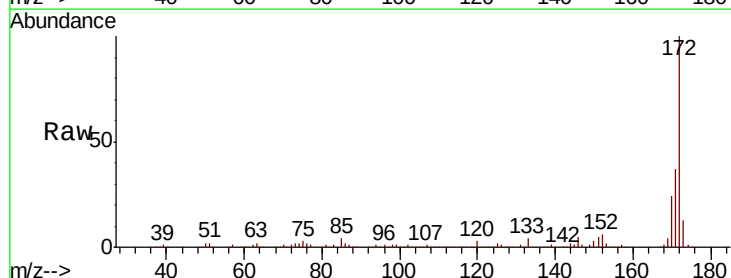
Tgt Ion:172 Resp: 535703

Ion Ratio Lower Upper

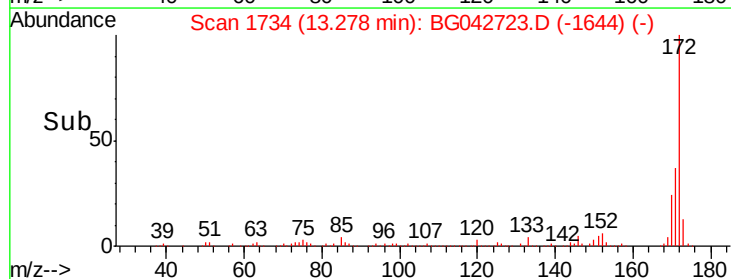
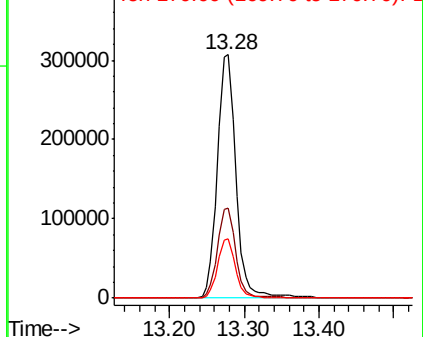
172 100

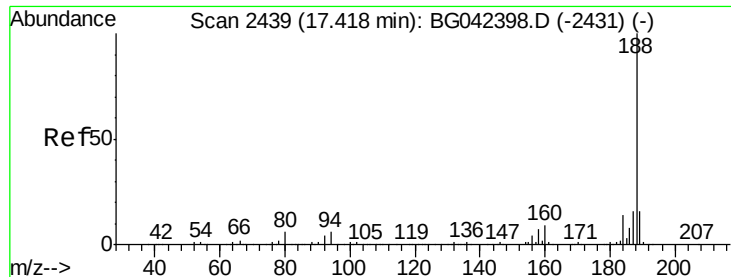
171 37.0 30.5 45.7

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

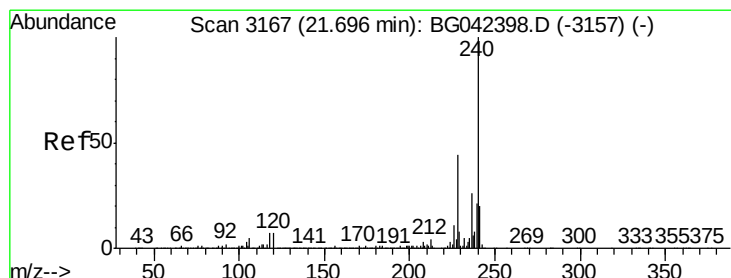
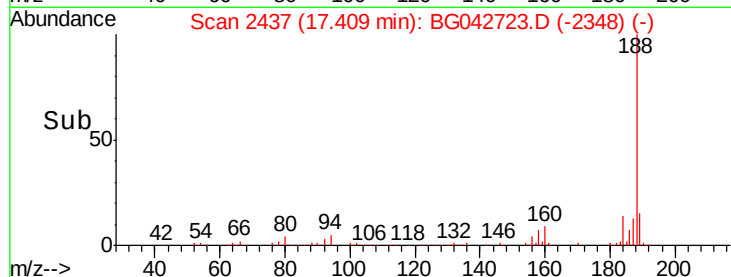
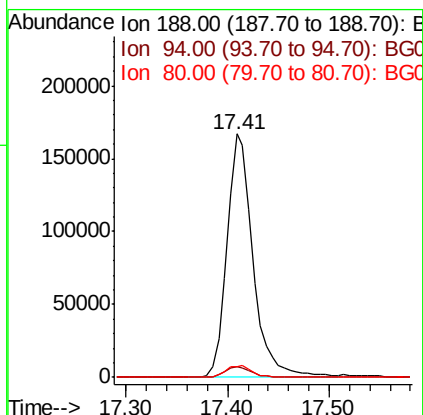
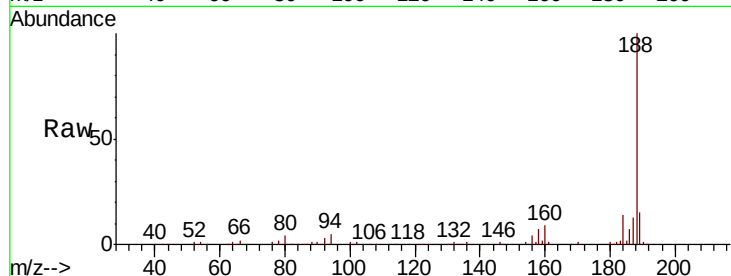




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042723.D
Acq: 5 Sep 2019 16:51

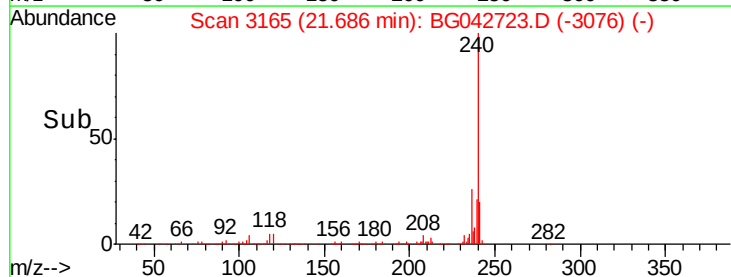
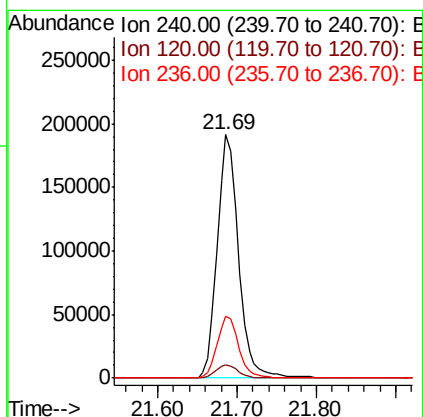
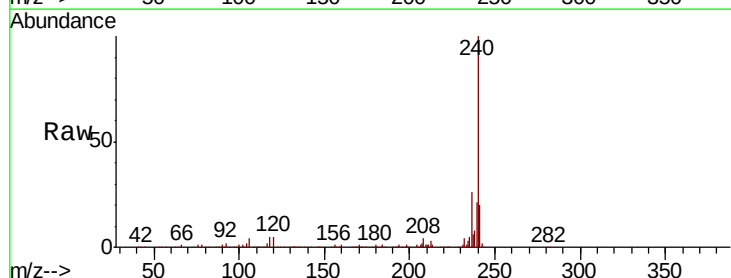
Instrument :
BNA_G
ClientSampleId :
PB122826TB

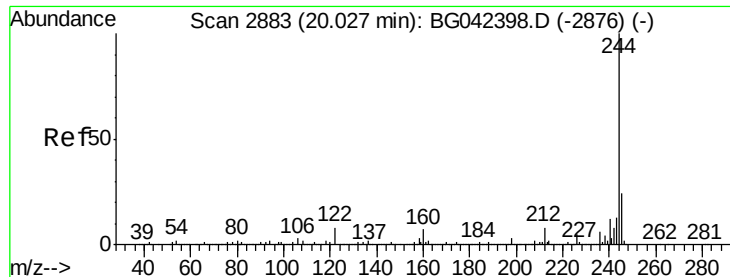
Tot Ion:188 Resp: 297516
Ion Ratio Lower Upper
188 100
94 4.6 4.5 6.7
80 4.5 4.9 7.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042723.D
Acq: 5 Sep 2019 16:51

Tgt Ion:240 Resp: 357610
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.6 21.0 31.4





#79

Terphenyl-d14

Concen: 69.239 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042723.D

Acq: 5 Sep 2019 16:51

Instrument :

BNA_G

ClientSampled :

PB122826TB

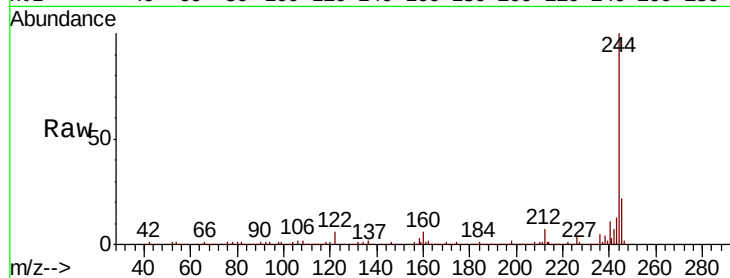
Tot Ion:244 Resp: 1145301

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

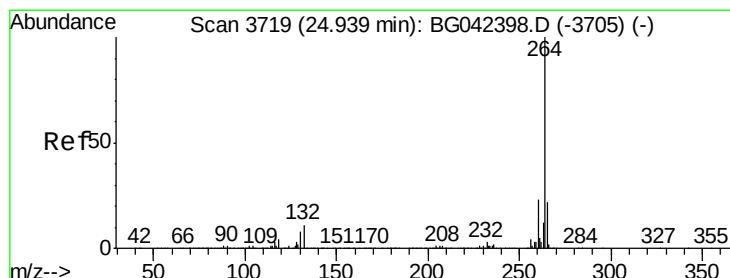
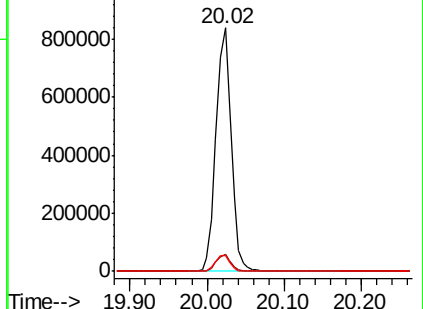
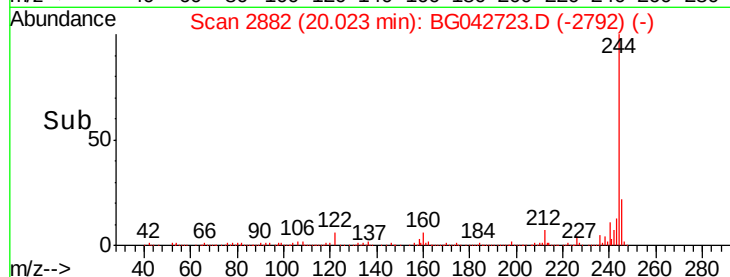
122 6.5 6.7 10.1#



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: BG042723.D

Acq: 5 Sep 2019 16:51

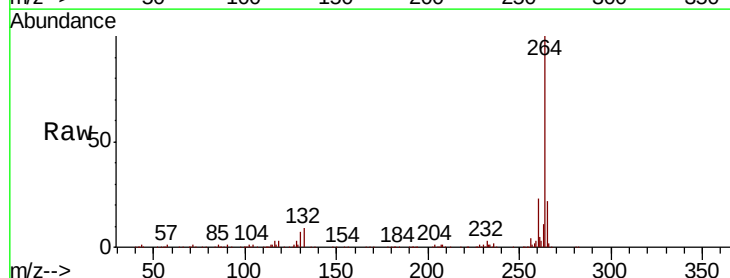
Tgt Ion:264 Resp: 415514

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.8 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

