

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
 Data File : BG043726.D
 Acq On : 20 Nov 2019 13:58
 Operator : JU
 Sample : PB124969BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124969BL

Quant Time: Nov 21 00:50:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27189	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	98816	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	72581	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	182304	20.00	ng	0.00
76) Chrysene-d12	21.63	240	199591	20.00	ng	0.00
87) Perylene-d12	24.81	264	228557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	207914	140.13	ng	0.00
7) Phenol-d6	7.18	99	278273	130.35	ng	0.00
23) Nitrobenzene-d5	9.15	82	166330	86.78	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	162984	118.00	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	458166	87.23	ng	0.00
79) Terphenyl-d14	19.98	244	1034211	97.21	ng	0.00

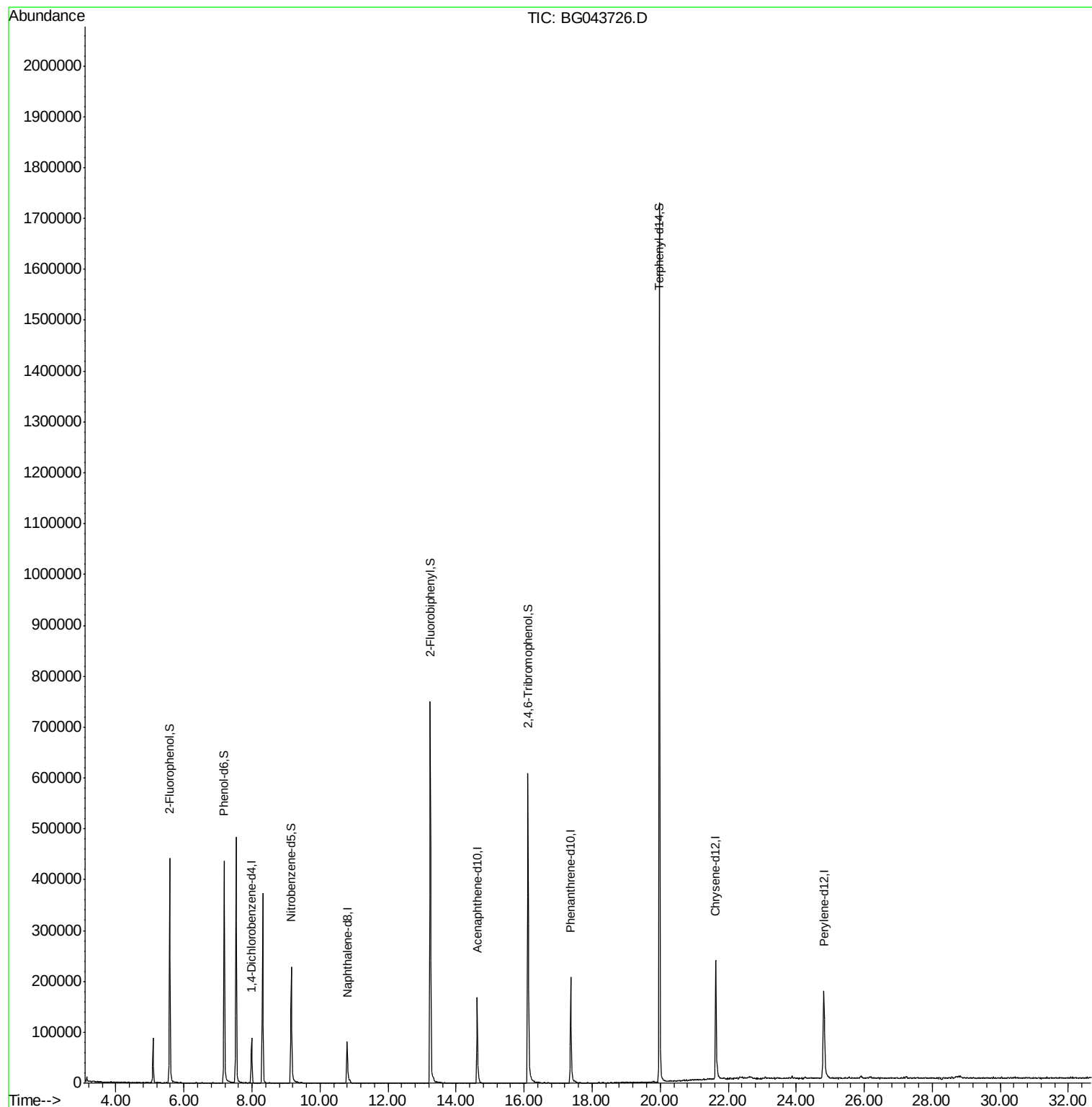
Target Compounds Qvalue

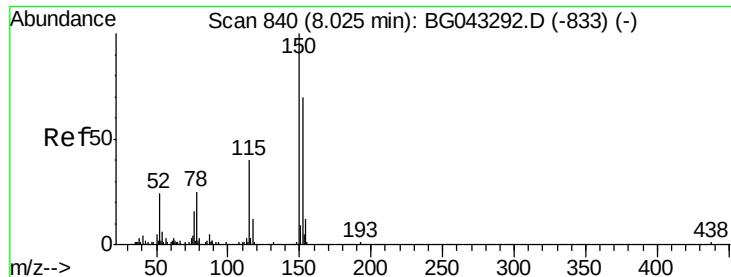
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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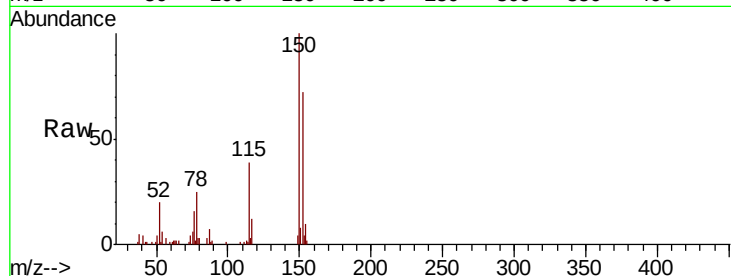


#1

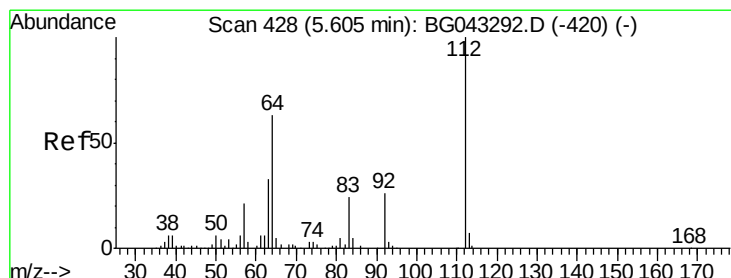
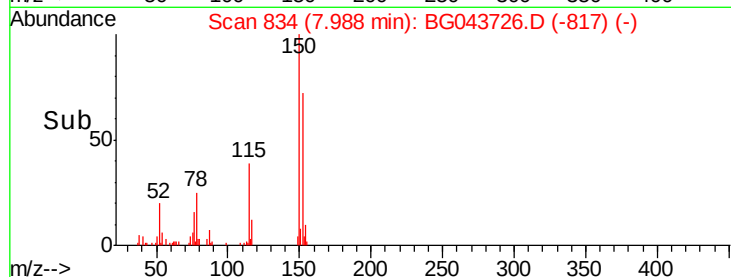
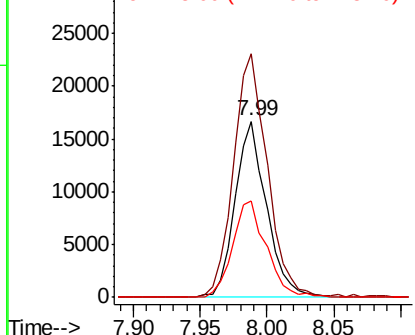
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Instrument :
BNA_G
ClientSampleId :
PB124969BL

Tot Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
150 138.0 116.6 175.0
115 54.3 40.5 60.7



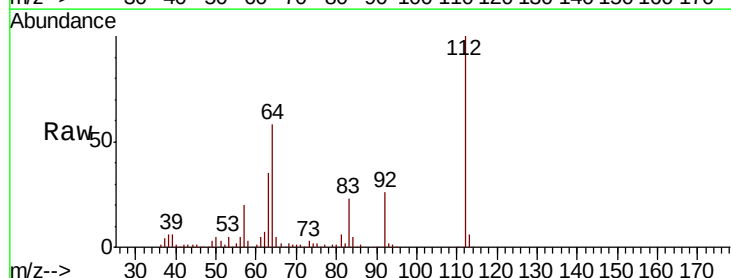
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



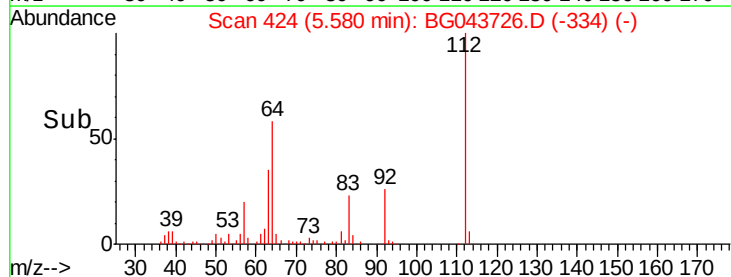
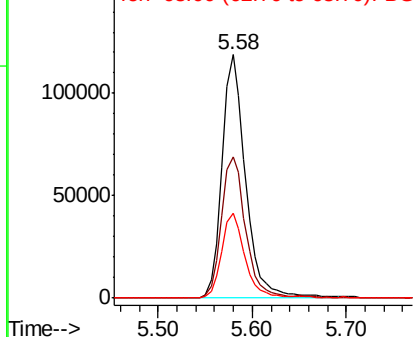
#5

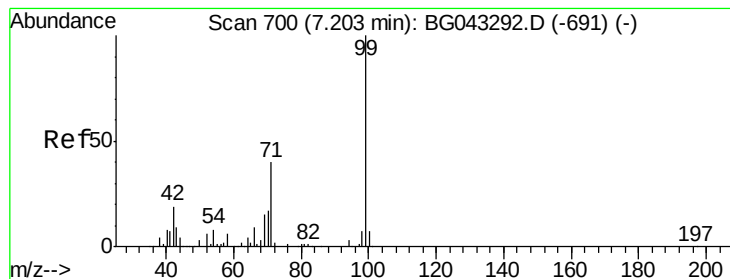
2-Fluorophenol
Concen: 140.127 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG043726.D
Acq: 20 Nov 2019 13:58

Tgt Ion:112 Resp: 207914
Ion Ratio Lower Upper
112 100
64 57.8 50.6 75.8
63 34.6 30.5 45.7



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: 130.353 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB124969BL

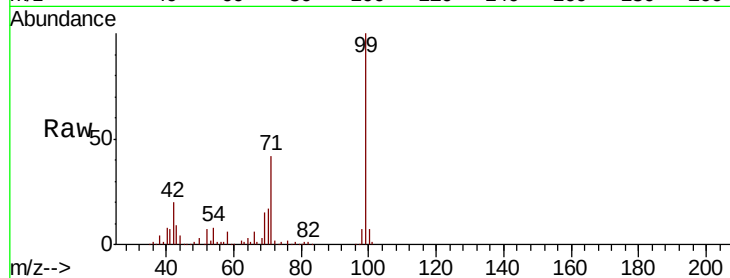
Tot Ion: 99 Resp: 278273

Ion Ratio Lower Upper

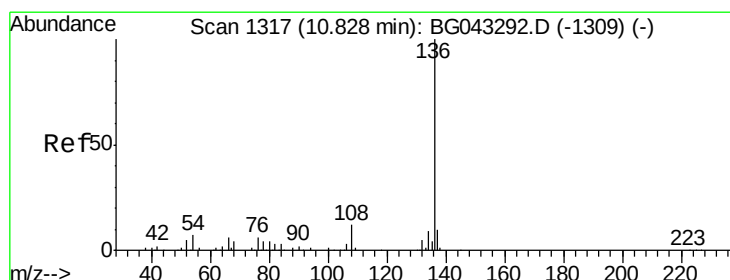
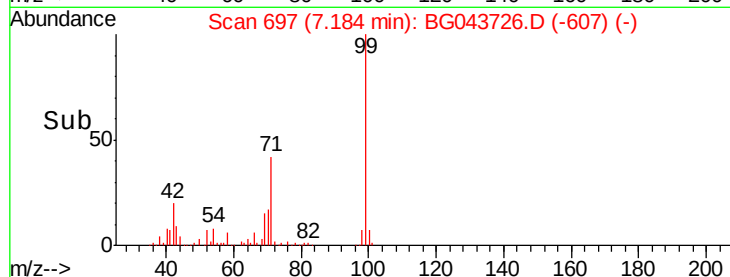
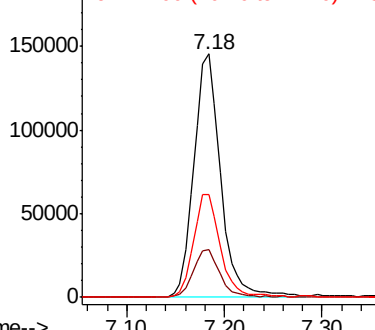
99 100

42 19.6 15.8 23.8

71 42.1 34.4 51.6



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: 10.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Tgt Ion: 136 Resp: 98816

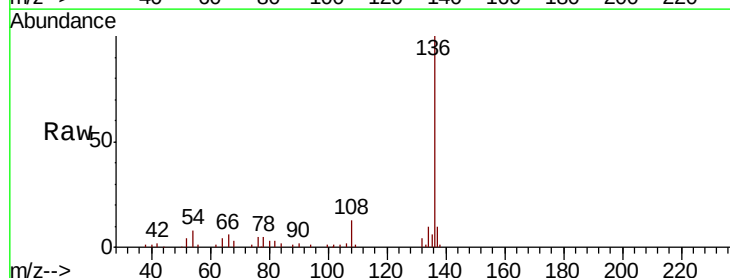
Ion Ratio Lower Upper

136 100

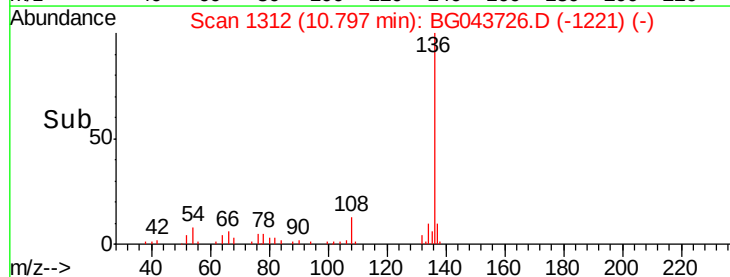
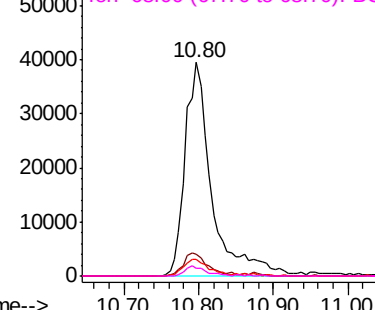
137 10.4 8.8 13.2

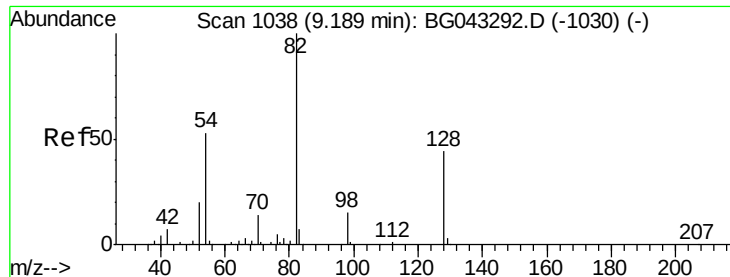
54 7.6 6.2 9.2

68 3.4 3.4 5.0



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

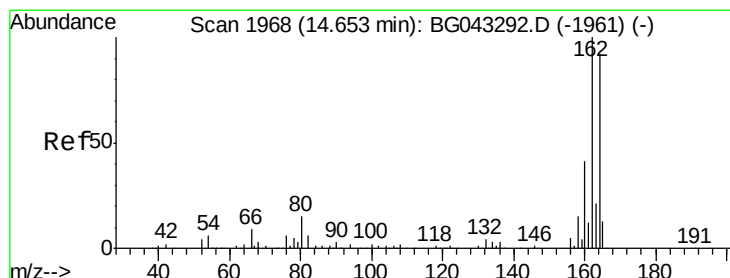
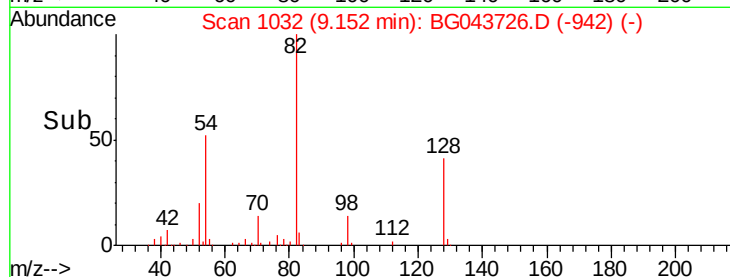
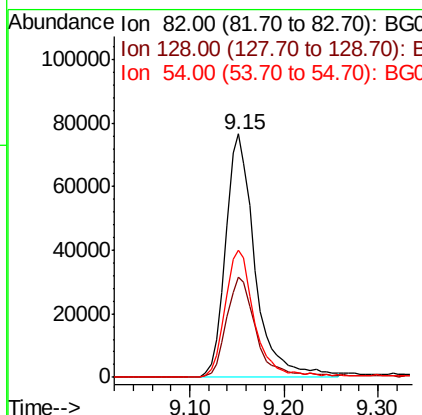
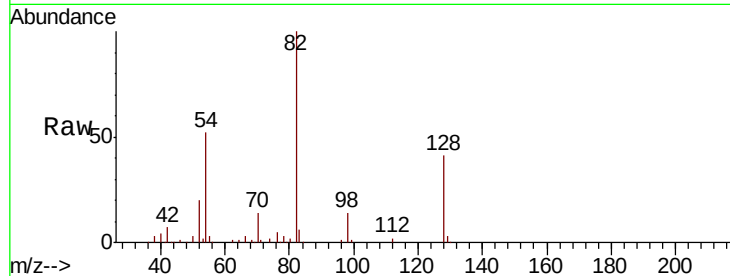




#23
 Nitrobenzene-d5
 Concen: 86.778 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

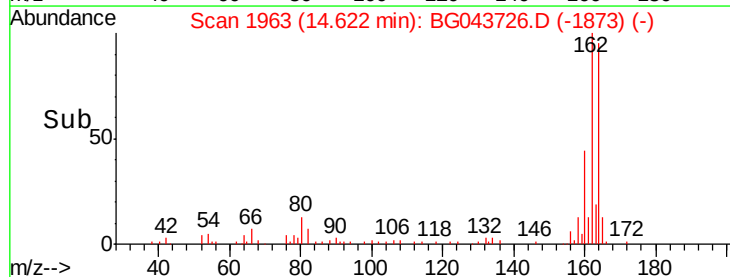
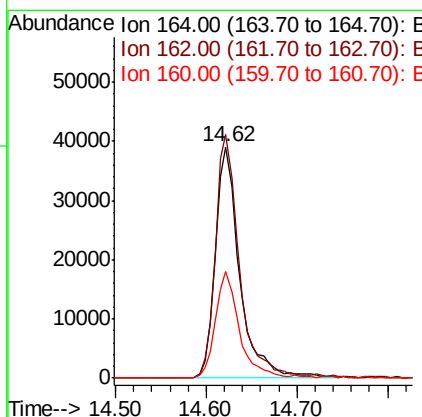
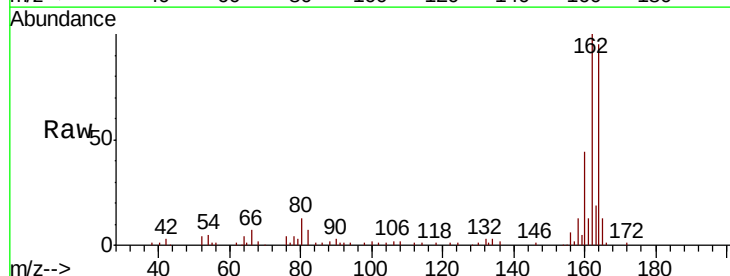
Instrument :
 BNA_G
 ClientSampleID :
 PB124969BL

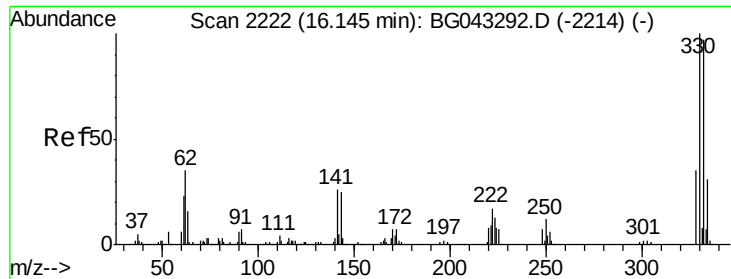
Tot Ion	82	Resp	166330
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.2	51.4
54	52.2	44.7	67.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Tgt Ion	164	Resp	72581
Ion Ratio	Lower	Upper	
164	100		
162	105.4	79.4	119.2
160	46.4	36.3	54.5

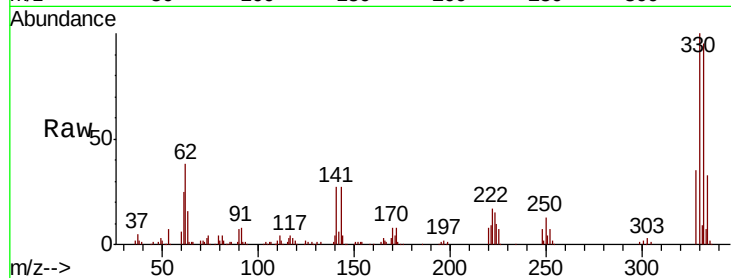




#42
 2,4,6-Tribromophenol
 Concen: 118.000 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Instrument :
 BNA_G
 ClientSampleId :
 PB124969BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	29.0	23.4	35.2

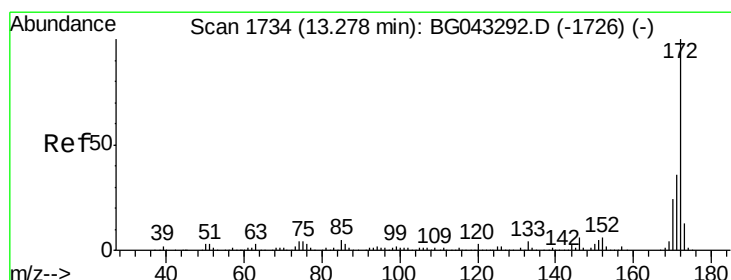
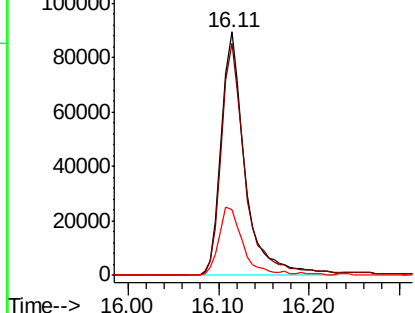
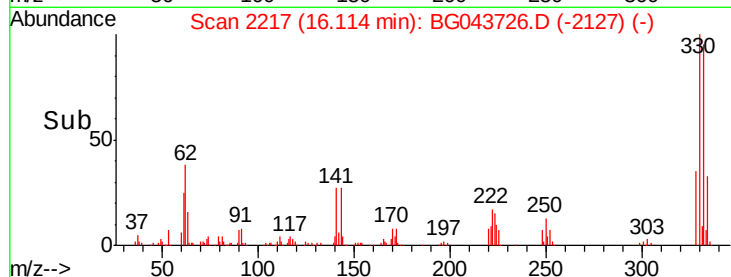


Abundance

Ion 329.80 (329.50 to 330.50): E

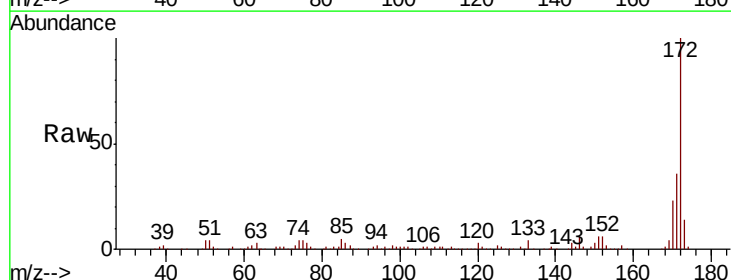
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.226 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG043726.D
 Acq: 20 Nov 2019 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	22.9	18.8	28.2

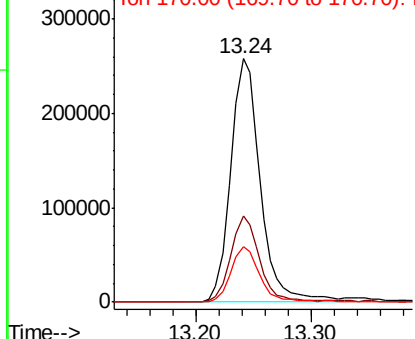
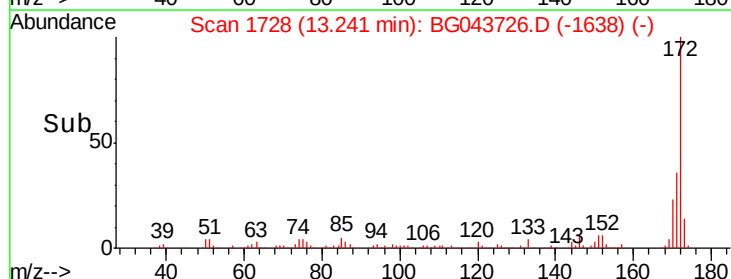


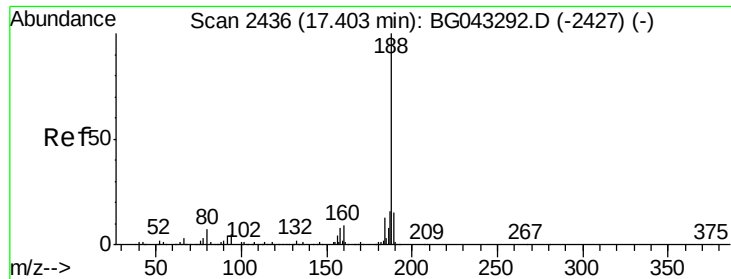
Abundance

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB124969BL

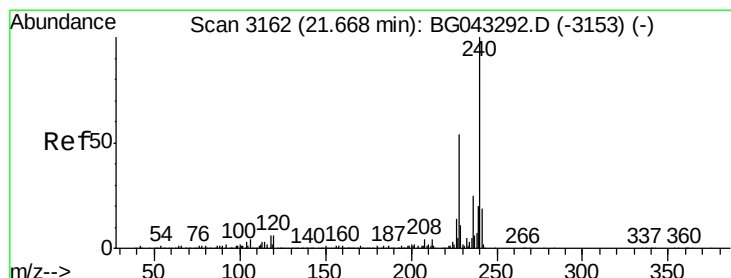
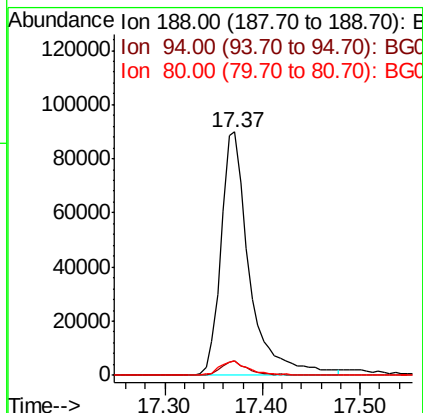
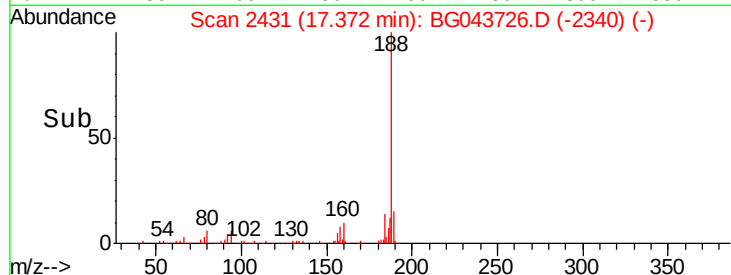
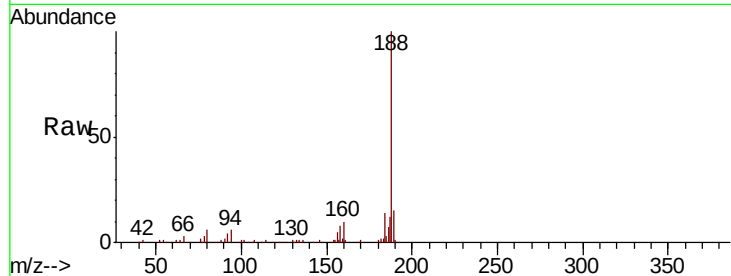
Tot Ion:188 Resp: 182304

Ion Ratio Lower Upper

188 100

94 5.8 4.6 7.0

80 5.9 5.2 7.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

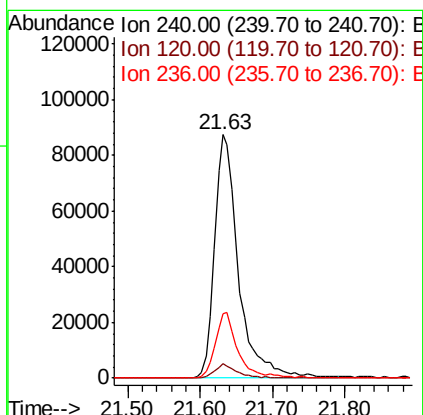
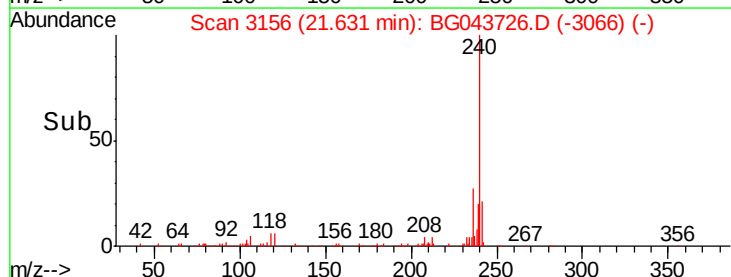
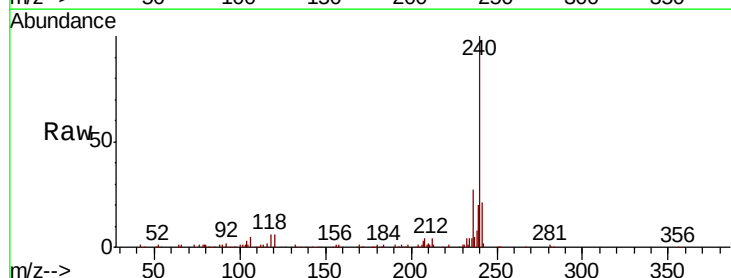
Tgt Ion:240 Resp: 199591

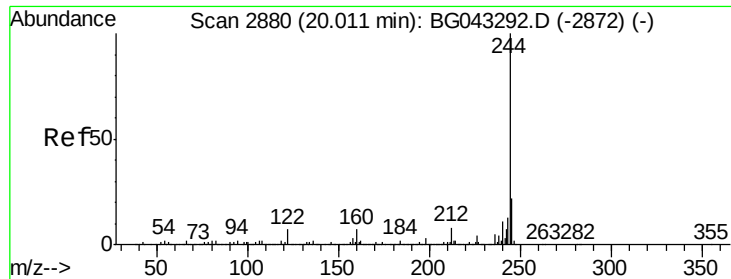
Ion Ratio Lower Upper

240 100

120 5.9 4.9 7.3

236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 97.211 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Instrument :

BNA_G

ClientSampleId :

PB124969BL

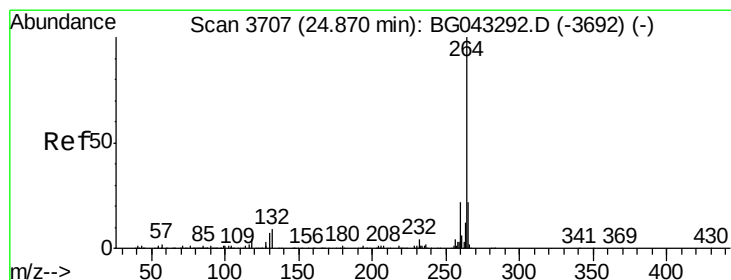
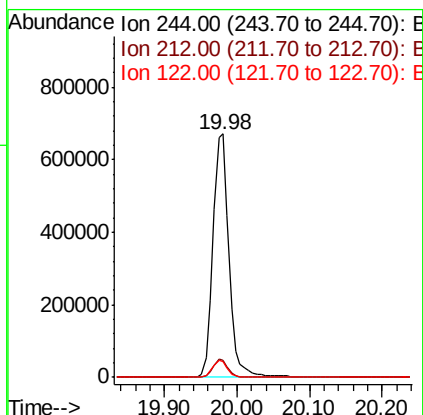
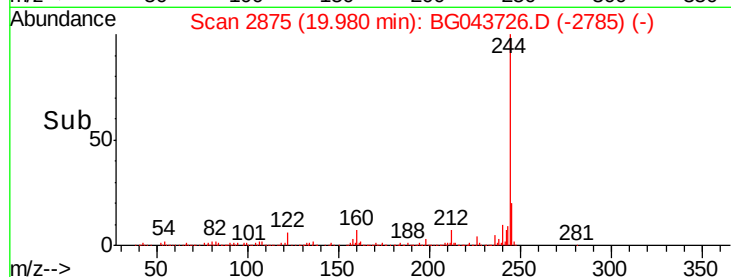
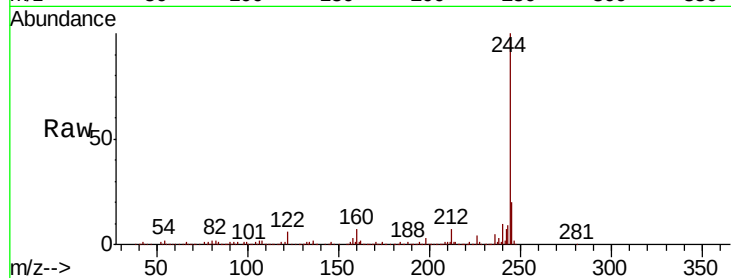
Tot Ion:244 Resp: 1034211

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.4 5.2 7.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043726.D

Acq: 20 Nov 2019 13:58

Tgt Ion:264 Resp: 228557

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 20.9 15.8 23.8

