

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040221.D
 Acq On : 29 Mar 2019 5:42
 Operator : JU/SJ
 Sample : K2107-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 29 08:20:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59216	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	243603	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	146552	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	371482	20.00	ng	0.00
76) Chrysene-d12	21.72	240	404151	20.00	ng	-0.01
87) Perylene-d12	25.03	264	389502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	443588	124.53	ng	0.00
7) Phenol-d6	7.22	99	569541	115.69	ng	0.00
23) Nitrobenzene-d5	9.24	82	406615	88.72	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	223580	141.16	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	878829	88.86	ng	0.00
79) Terphenyl-d14	20.04	244	1494108	83.17	ng	0.00

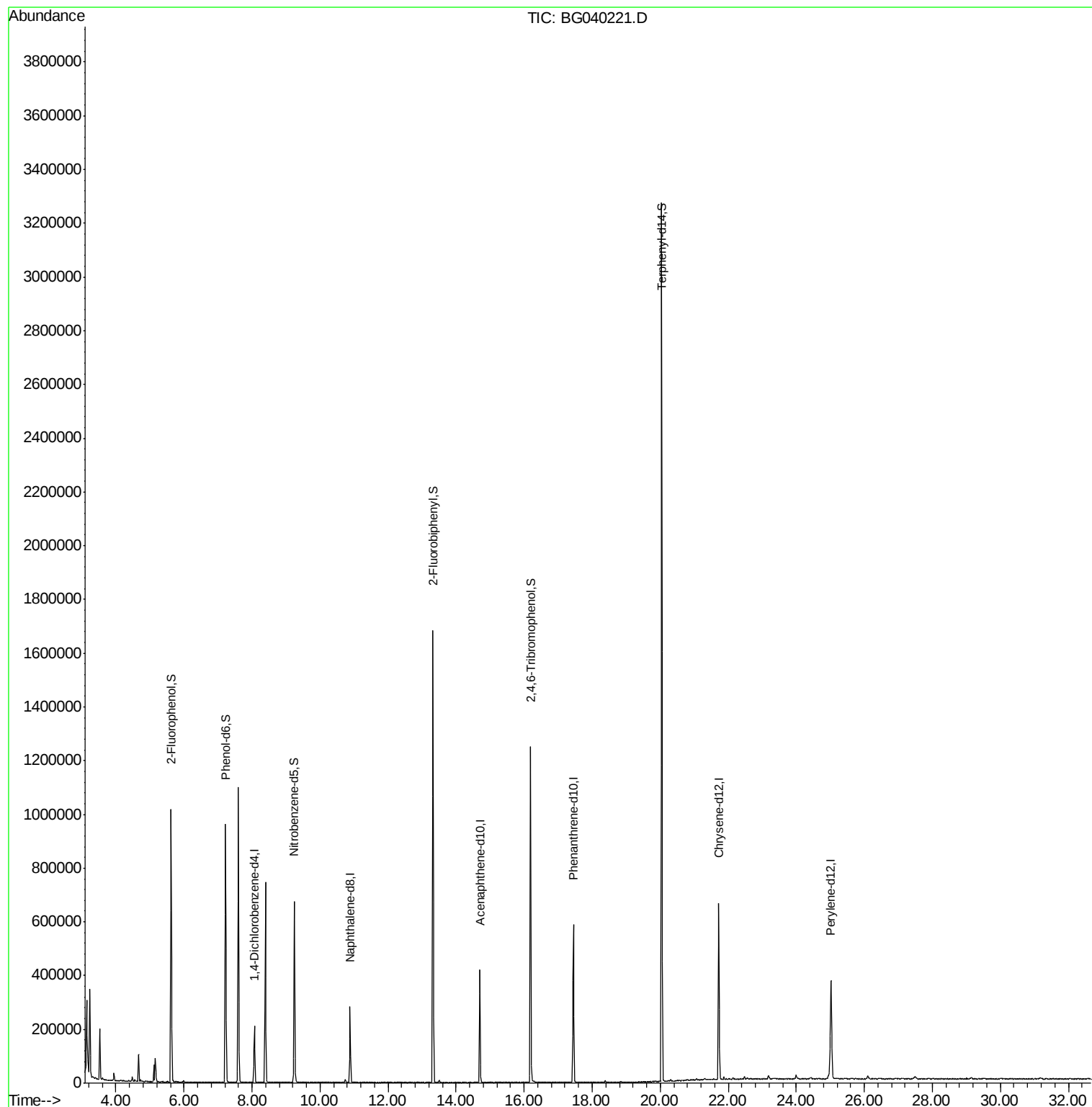
Target Compounds Qvalue

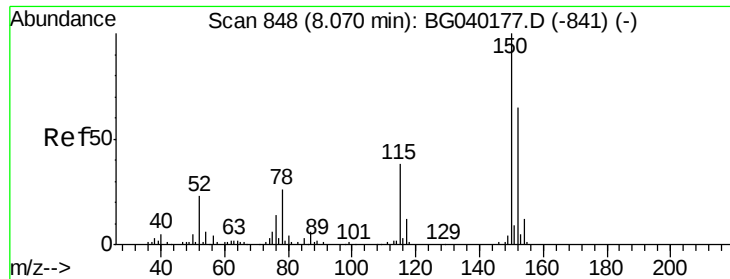
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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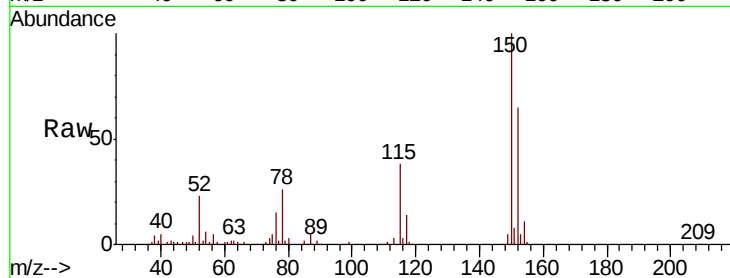


#1

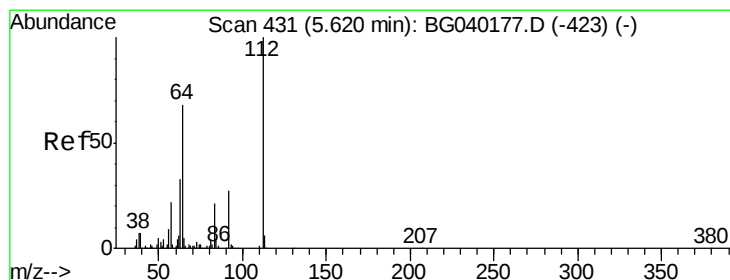
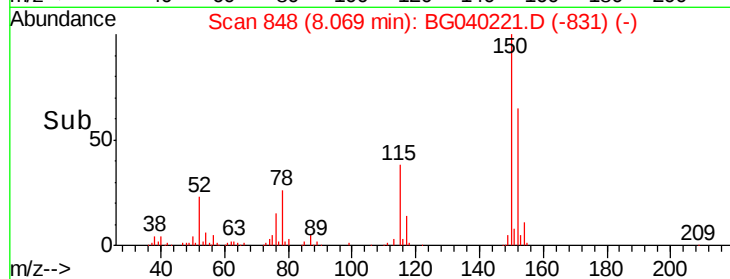
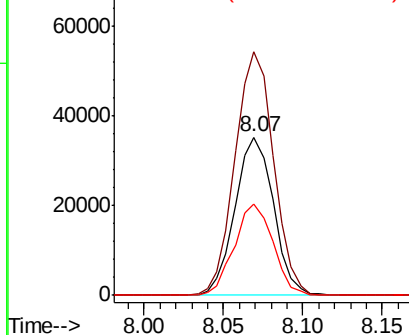
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG040221.D
Acq: 29 Mar 2019 5:42

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	57.9	46.9	70.3



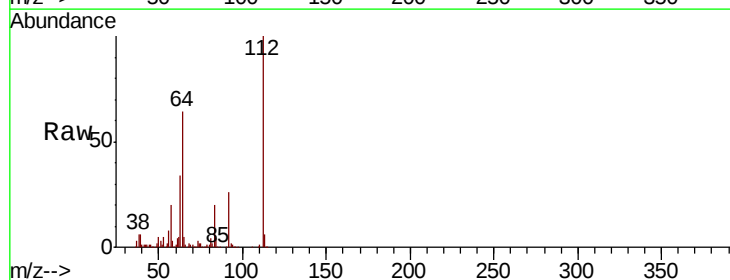
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



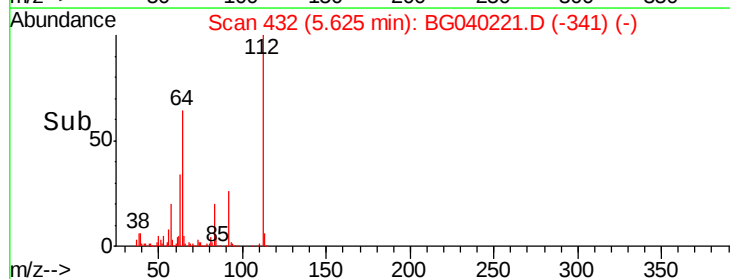
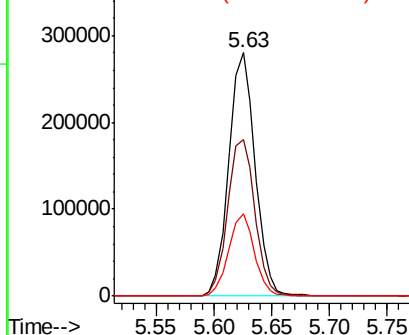
#5

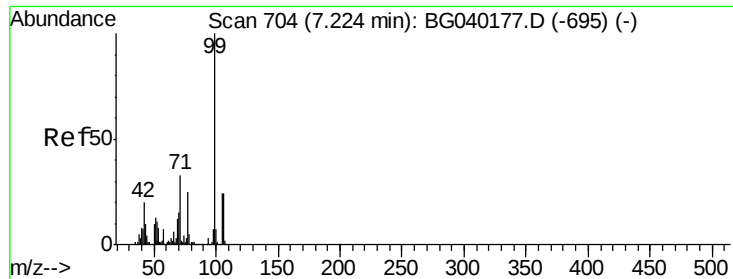
2-Fluorophenol
Concen: 124.532 ng
RT: 5.63 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG040221.D
Acq: 29 Mar 2019 5:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	54.2	81.2
63	33.6	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.694 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

Instrument :

BNA_G

ClientSampleId :

TP-3

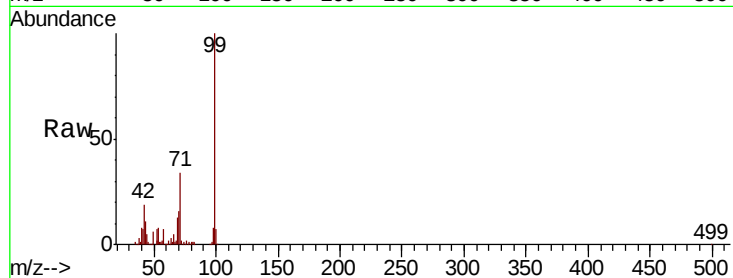
Tot Ion: 99 Resp: 569541

Ion Ratio Lower Upper

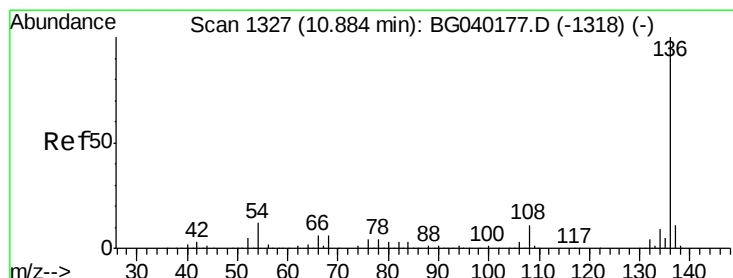
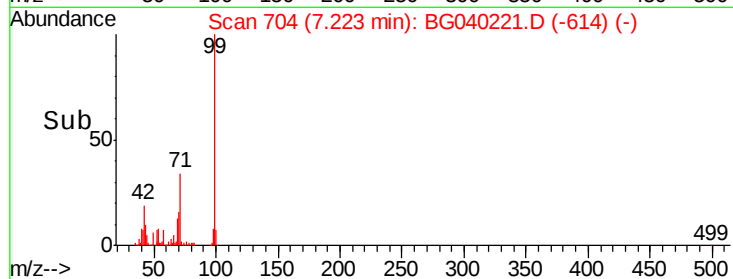
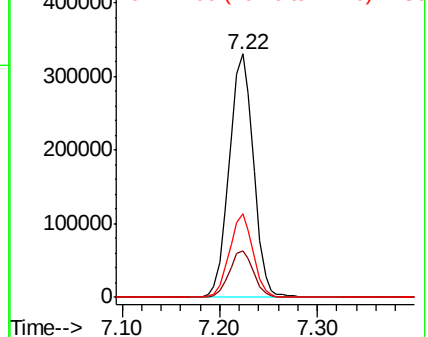
99 100

42 19.2 16.2 24.2

71 34.1 26.8 40.2



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: 10.88 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

Tgt Ion: 136 Resp: 243603

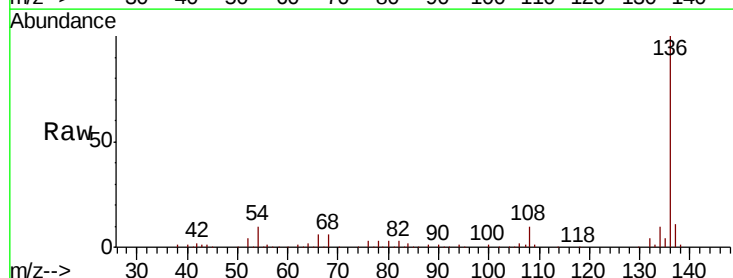
Ion Ratio Lower Upper

136 100

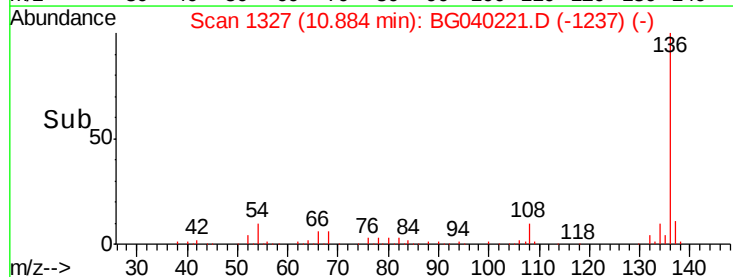
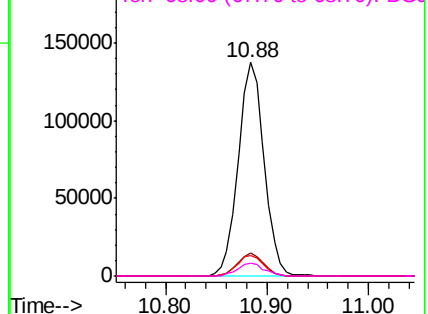
137 10.8 8.9 13.3

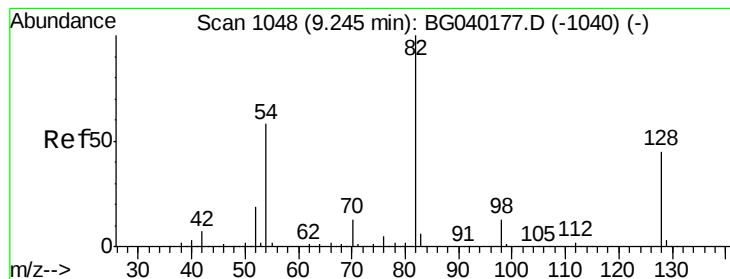
54 9.6 9.6 14.4

68 5.9 5.1 7.7



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: 88.722 ng

RT: 9.24 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

Instrument :

BNA_G

ClientSampleId :

TP-3

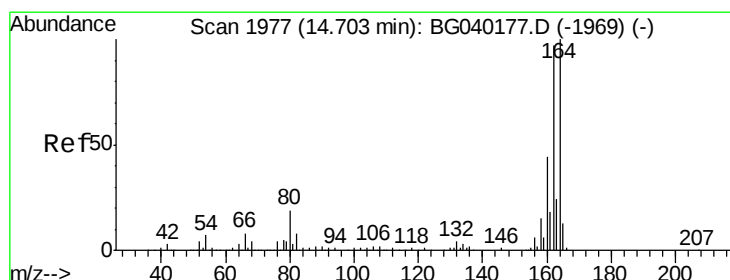
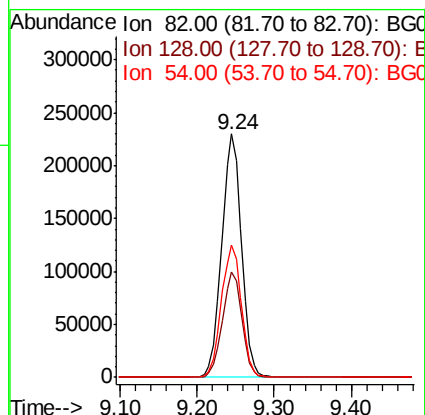
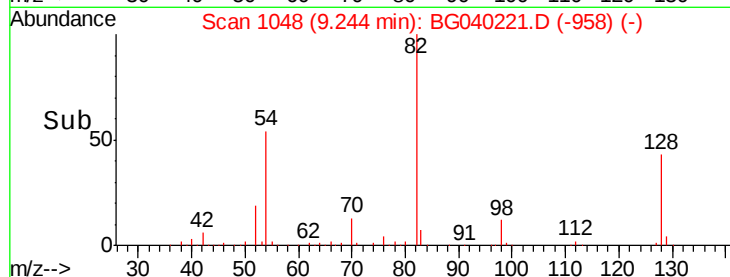
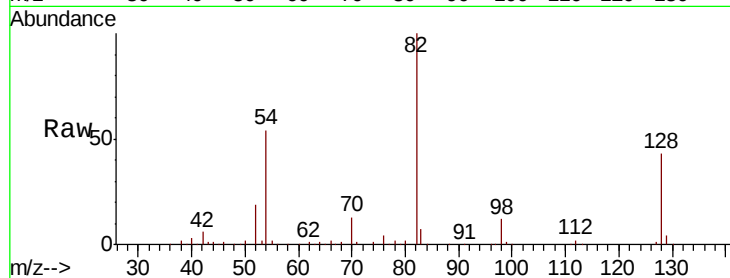
Tot Ion: 82 Resp: 406615

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.8

54 54.3 46.2 69.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

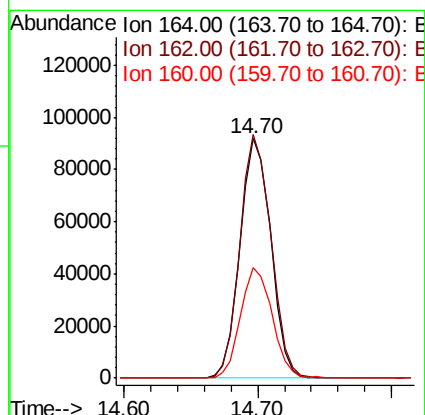
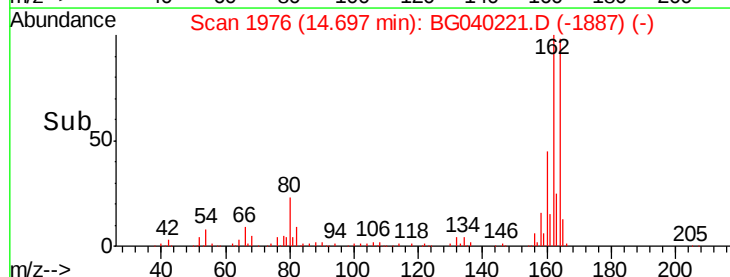
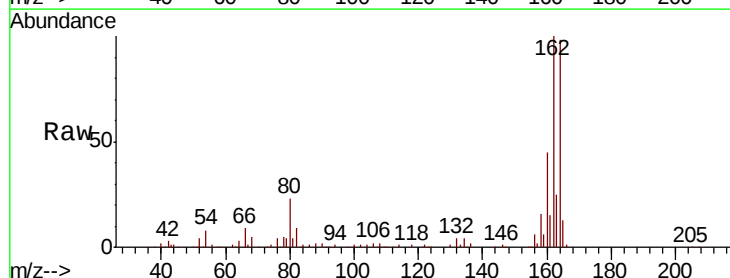
Tgt Ion: 164 Resp: 146552

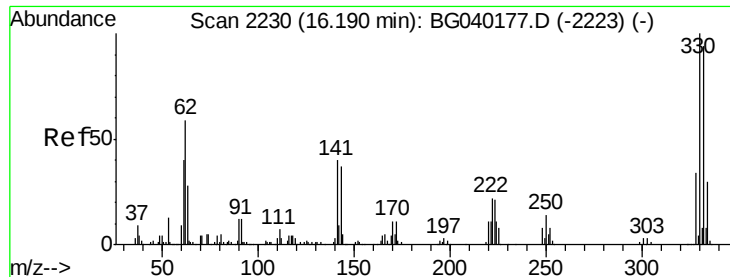
Ion Ratio Lower Upper

164 100

162 101.6 77.4 116.2

160 46.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 141.163 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

Instrument :

BNA_G

ClientSampled :

TP-3

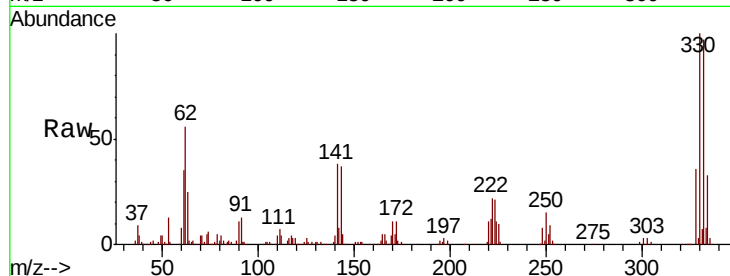
Tot Ion:330 Resp: 223580

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

141 38.9 32.6 48.8

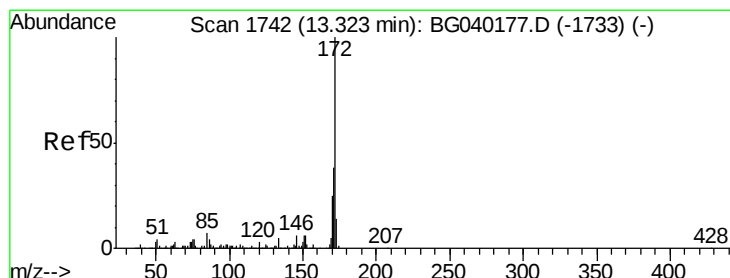
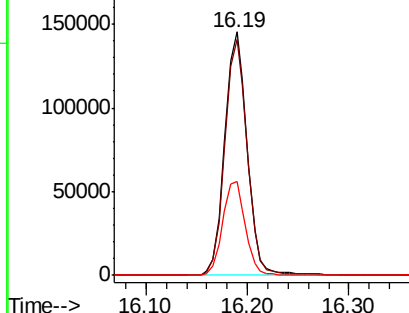
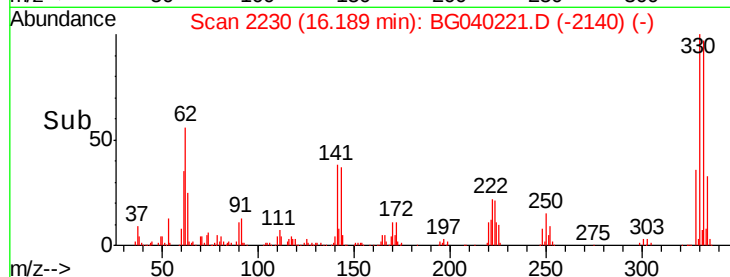


Abundance

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: 88.857 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

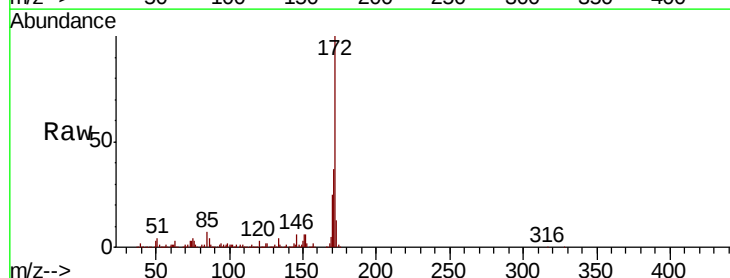
Tgt Ion:172 Resp: 878829

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

170 25.2 20.1 30.1

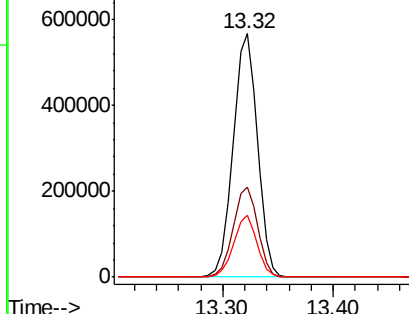
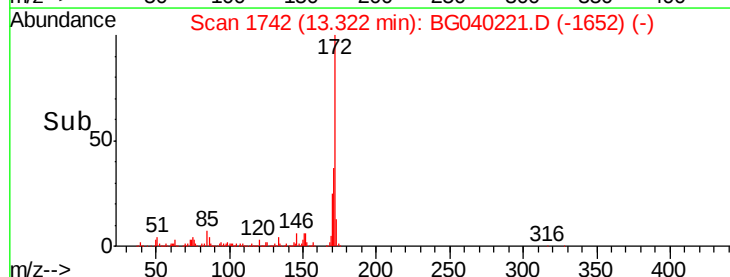


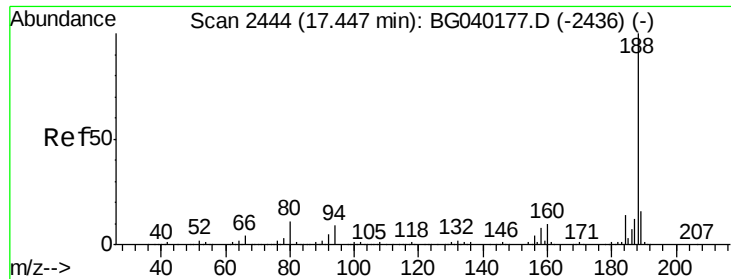
Abundance

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

Instrument :

BNA_G

ClientSampleId :

TP-3

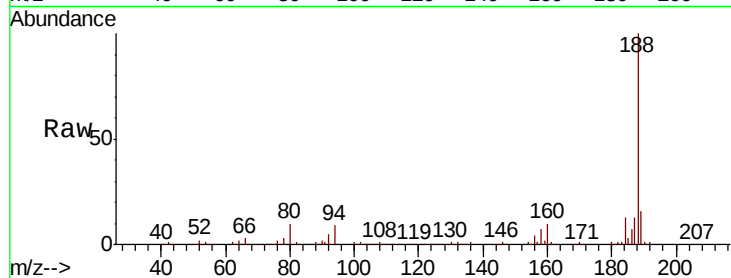
Tot Ion:188 Resp: 371482

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

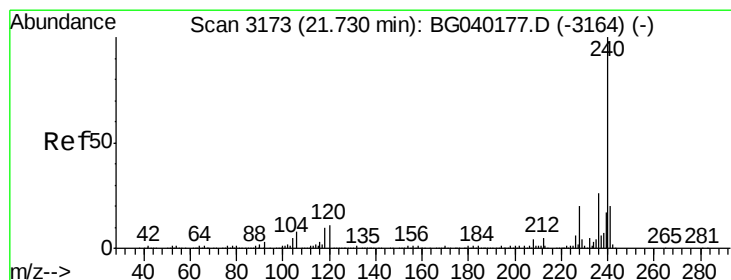
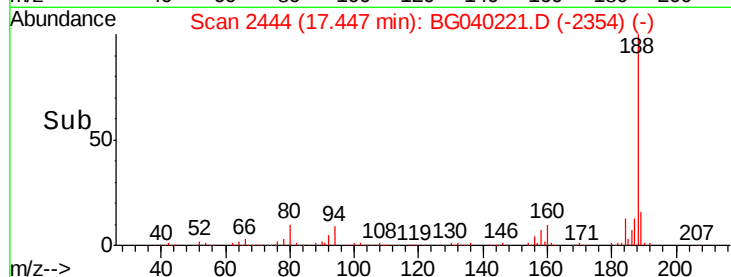
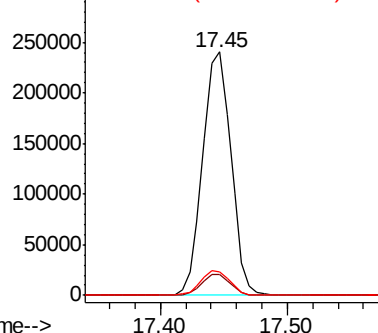
80 9.8 8.6 13.0



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: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

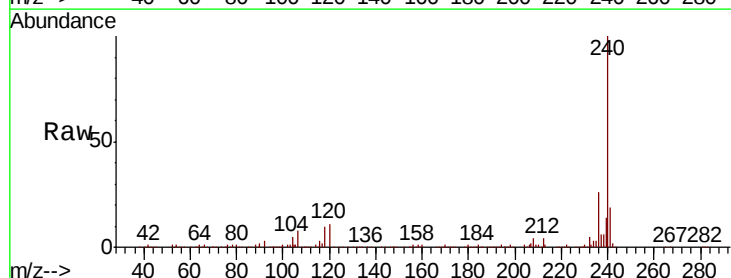
Tgt Ion:240 Resp: 404151

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

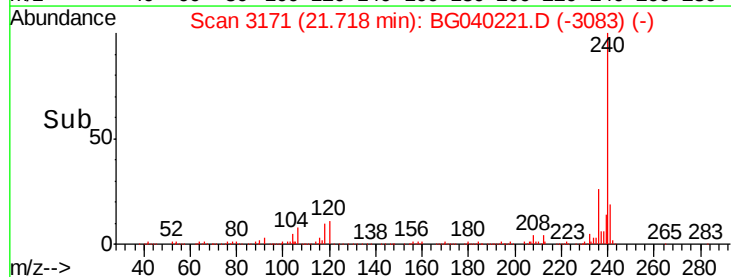
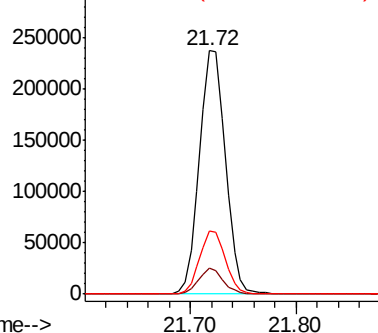
236 25.7 20.8 31.2

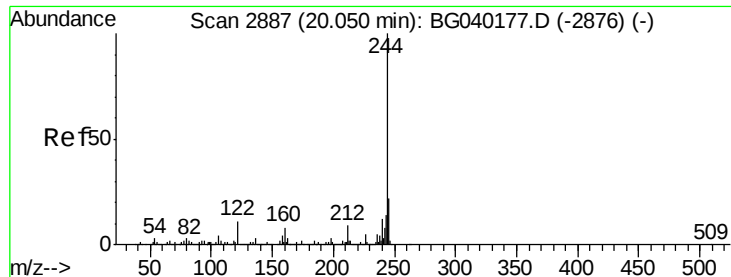


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.168 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

Instrument :

BNA_G

ClientSampleId :

TP-3

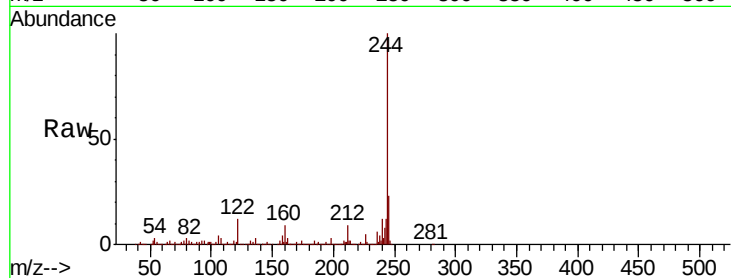
Tot Ion:244 Resp: 1494108

Ion Ratio Lower Upper

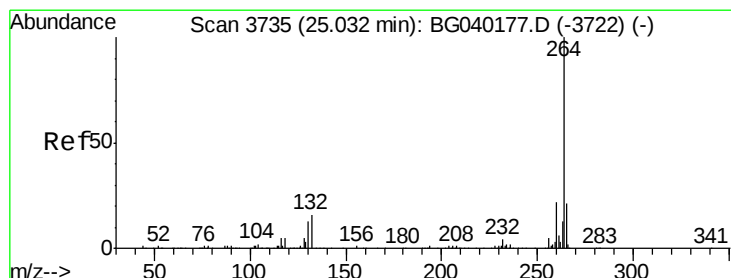
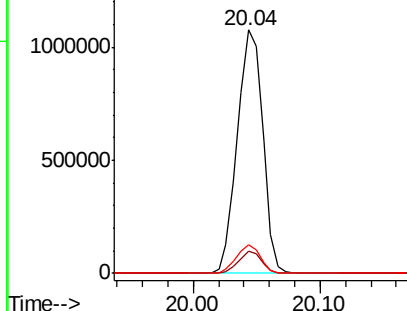
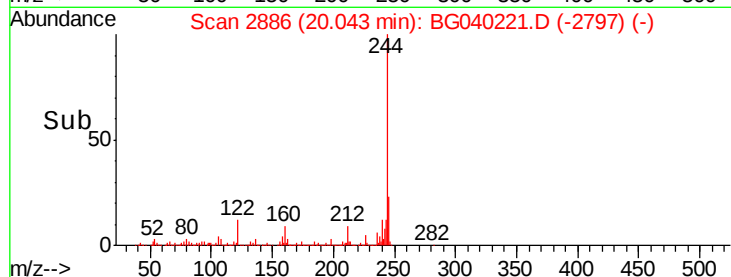
244 100

212 9.1 7.0 10.6

122 11.9 8.5 12.7



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040221.D

Acq: 29 Mar 2019 5:42

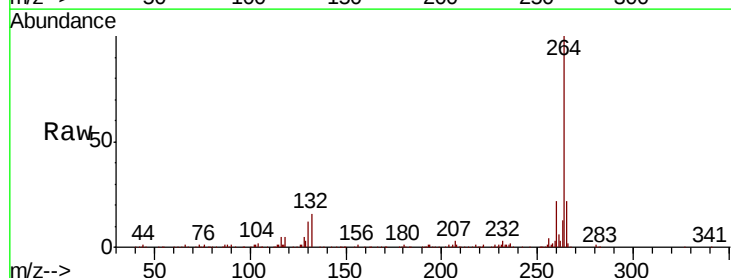
Tgt Ion:264 Resp: 389502

Ion Ratio Lower Upper

264 100

260 22.0 17.9 26.9

265 21.5 16.8 25.2



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

