

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
 Data File : BG040225.D
 Acq On : 29 Mar 2019 8:21
 Operator : JU/SJ
 Sample : K2107-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Mar 29 13:23:13 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	55912	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	221739	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	137438	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	355755	20.00	ng	0.00
76) Chrysene-d12	21.72	240	399938	20.00	ng	0.00
87) Perylene-d12	25.02	264	391809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	443796	131.95	ng	0.00
7) Phenol-d6	7.22	99	568381	122.28	ng	0.00
23) Nitrobenzene-d5	9.24	82	389510	93.37	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	218220	146.92	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	896202	96.62	ng	0.00
79) Terphenyl-d14	20.05	244	1520716	85.54	ng	0.00

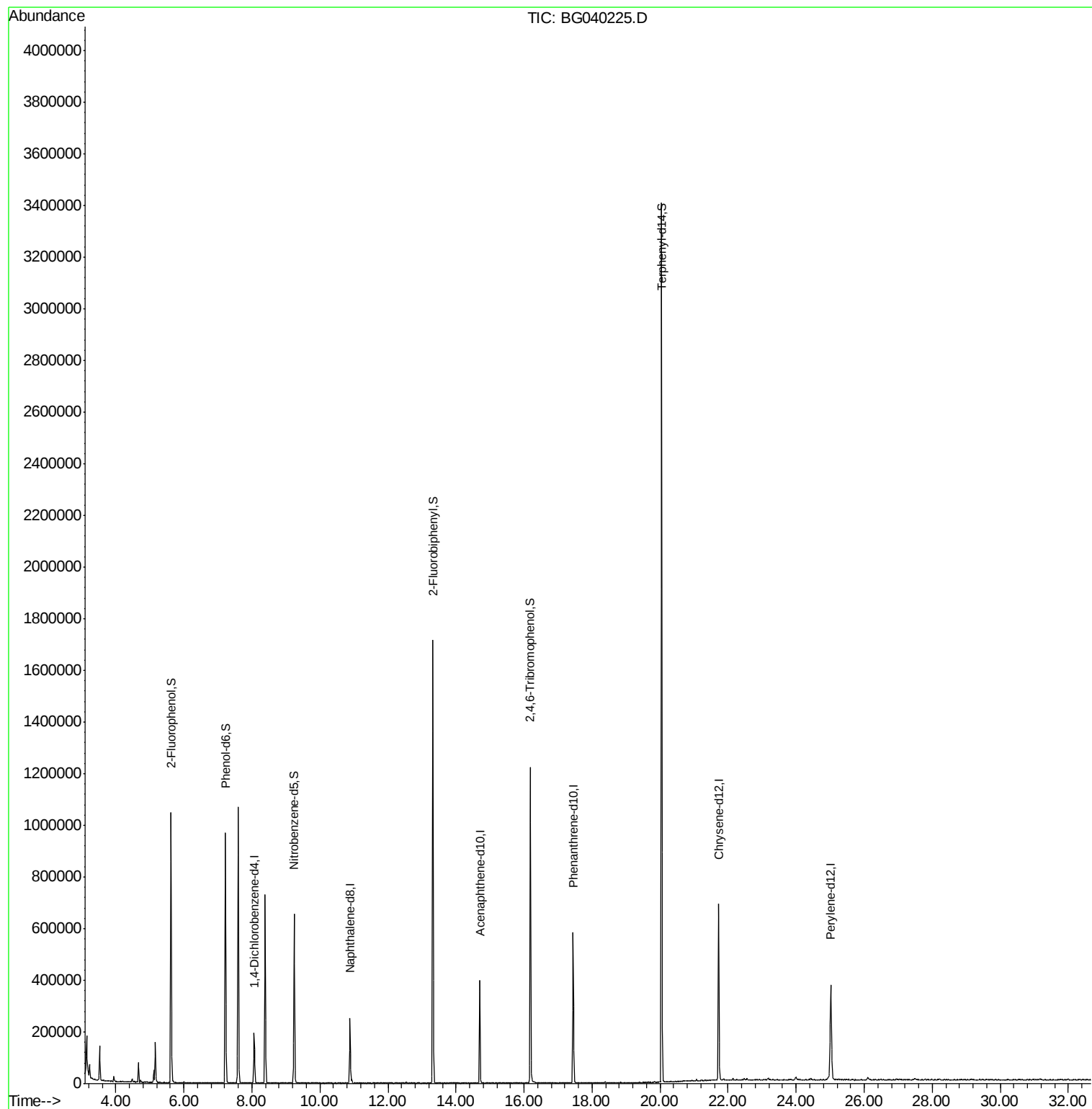
Target Compounds Qvalue

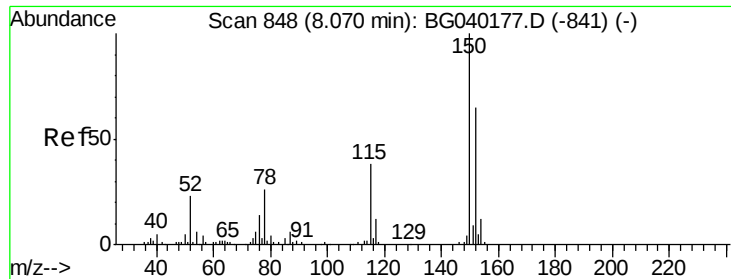
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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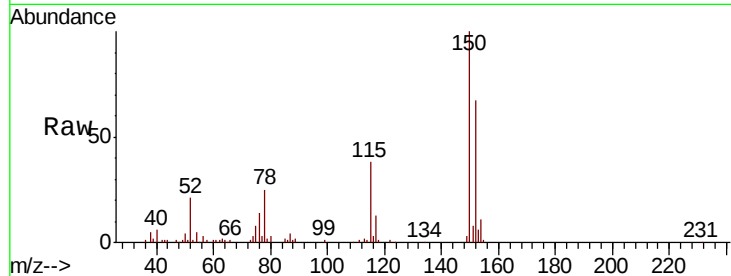


#1

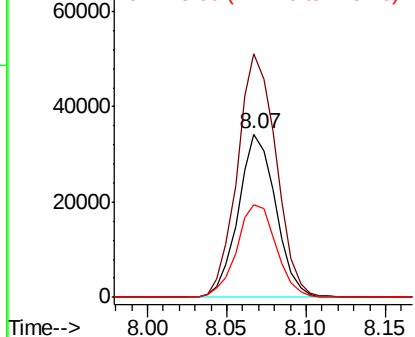
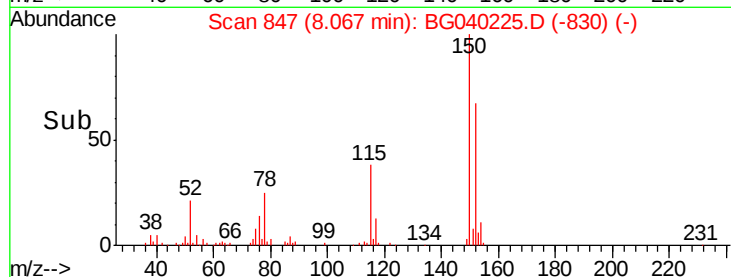
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040225.D
Acq: 29 Mar 2019 8:21

Instrument :
BNA_G
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.7	185.5
115	56.5	46.9	70.3



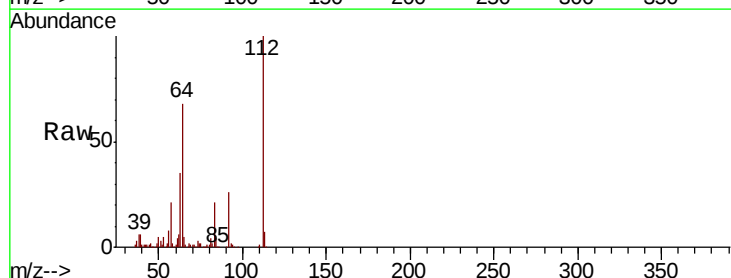
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



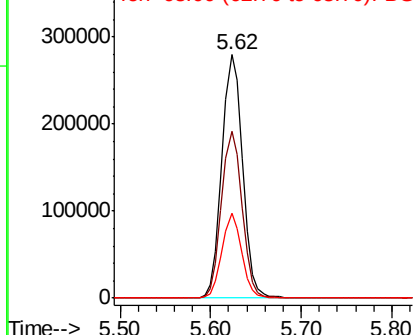
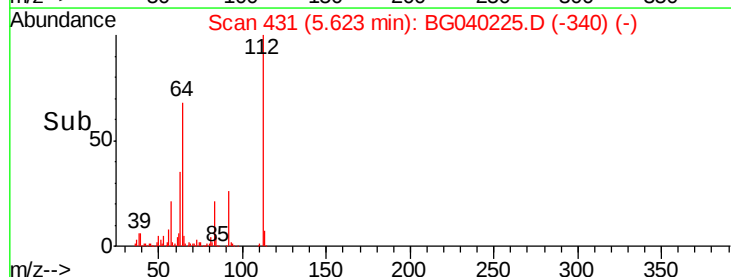
#5

2-Fluorophenol
Concen: 131.952 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040225.D
Acq: 29 Mar 2019 8:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.2	81.2
63	34.7	26.4	39.6



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: 122.281 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG040225.D

Acq: 29 Mar 2019 8:21

Instrument :

BNA_G

ClientSampled :

TP-7

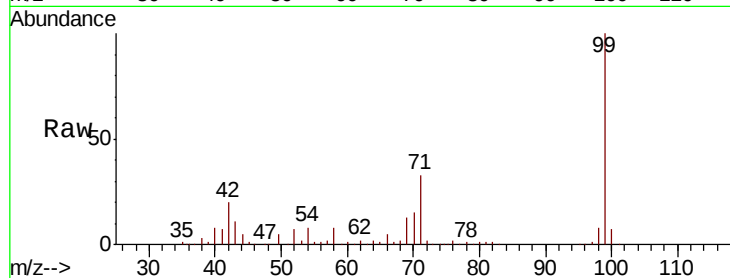
Tot Ion: 99 Resp: 568381

Ion Ratio Lower Upper

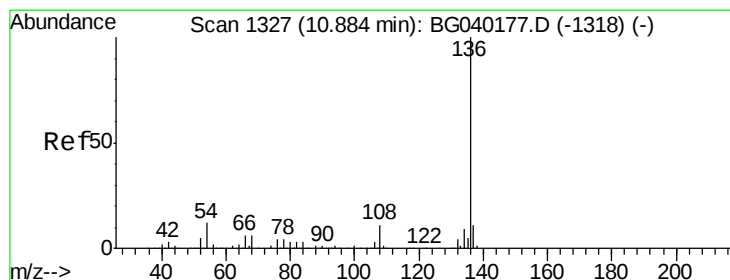
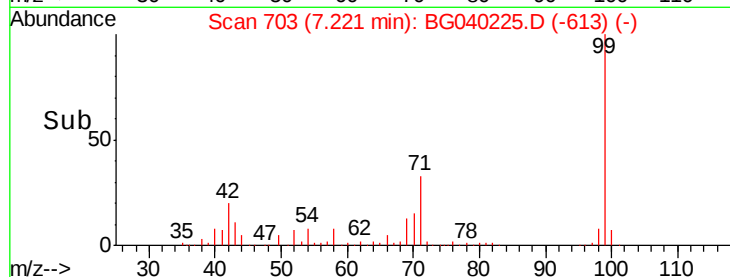
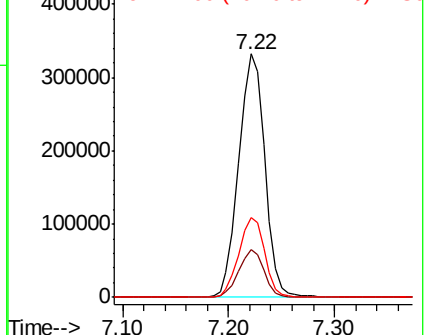
99 100

42 19.6 16.2 24.2

71 32.8 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# 1326

Delta R.T. -0.00 min

Lab File: BG040225.D

Acq: 29 Mar 2019 8:21

Tgt Ion: 136 Resp: 221739

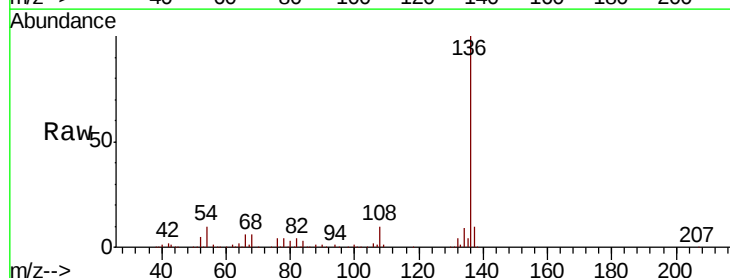
Ion Ratio Lower Upper

136 100

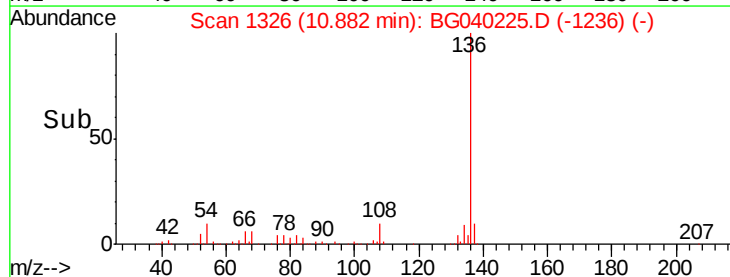
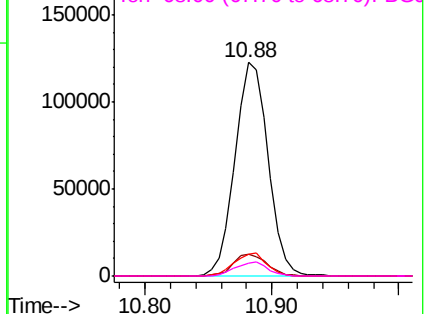
137 10.4 8.9 13.3

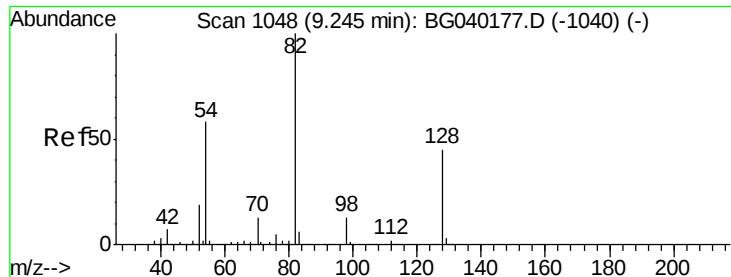
54 10.5 9.6 14.4

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

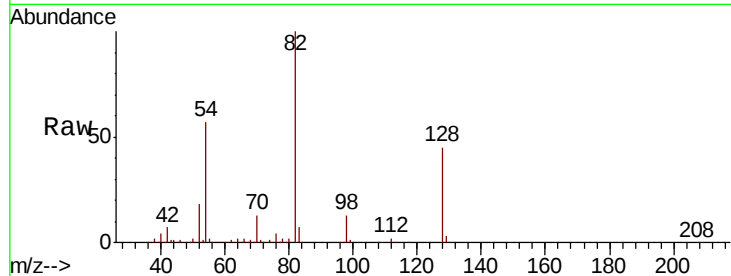




#23
 Nitrobenzene-d5
 Concen: 93.370 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG040225.D
 Acq: 29 Mar 2019 8:21

Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tot Ion	82	Resp	389510
Ion Ratio	Lower	Upper	
82	100		
128	44.7	35.8	53.8
54	56.5	46.2	69.2

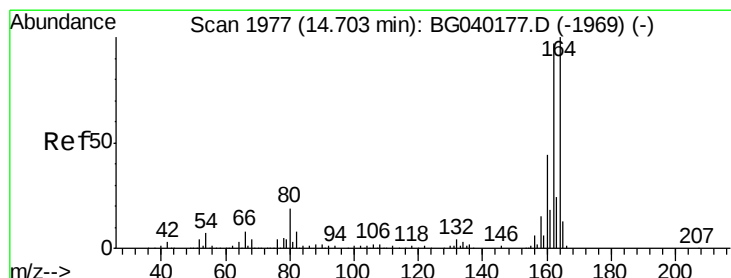
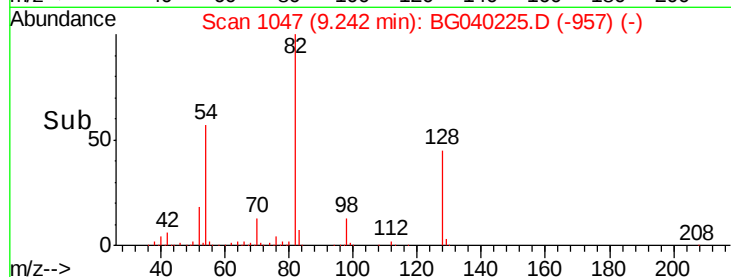
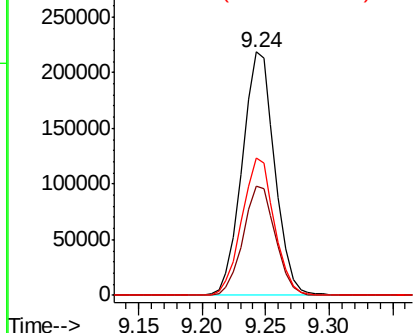


Abundance

Ion 82.00 (81.70 to 82.70): BGC

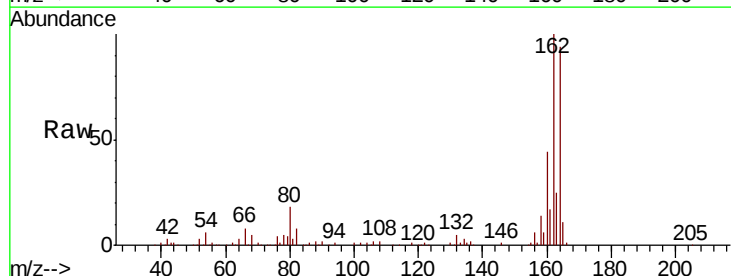
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG040225.D
 Acq: 29 Mar 2019 8:21

Tgt Ion	164	Resp	137438
Ion Ratio	Lower	Upper	
164	100		
162	106.7	77.4	116.2
160	46.7	35.3	52.9

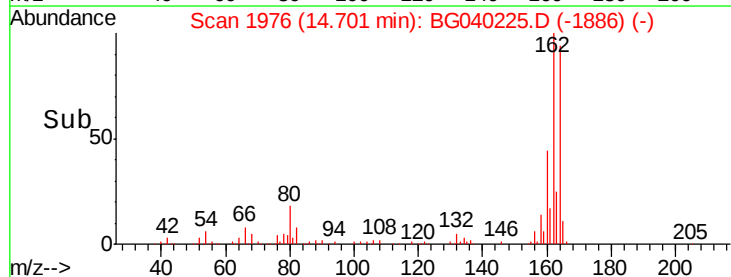
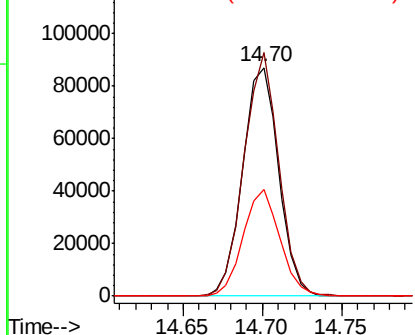


Abundance

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

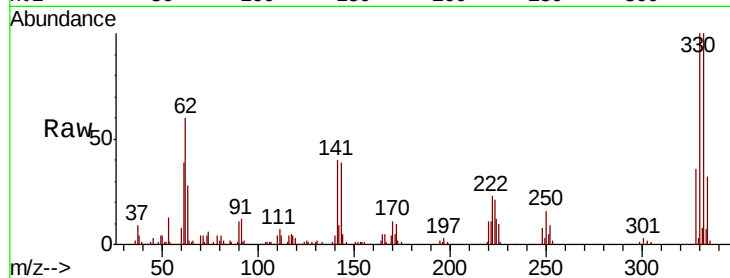




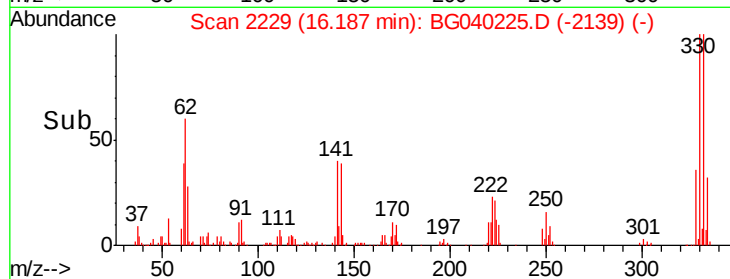
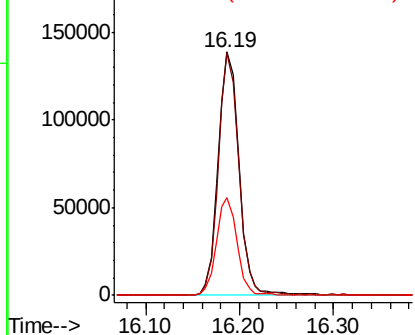
#42
 2,4,6-Tribromophenol
 Concen: 146.915 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG040225.D
 Acq: 29 Mar 2019 8:21

Instrument :
 BNA_G
 ClientSampled :
 TP-7

Tot Ion:330 Resp: 218220
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.4 32.6 48.8

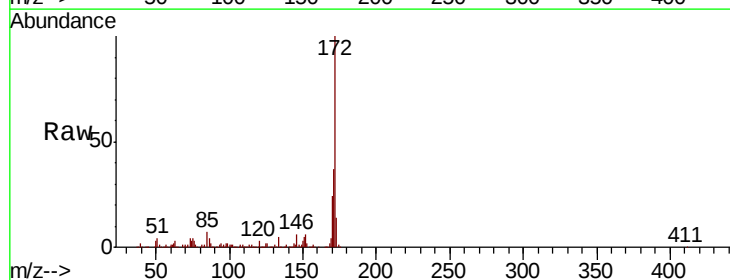


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

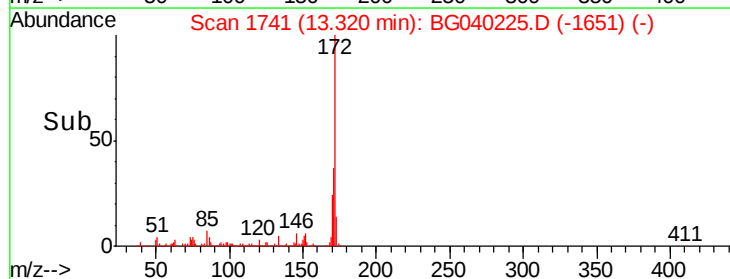
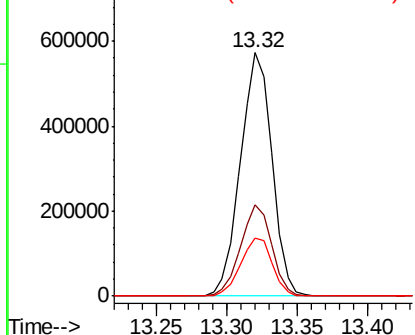


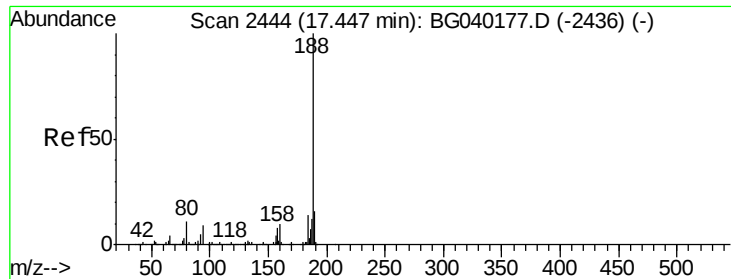
#45
 2-Fluorobiphenyl
 Concen: 96.622 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG040225.D
 Acq: 29 Mar 2019 8:21

Tgt Ion:172 Resp: 896202
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.5 45.7
 170 24.0 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: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG040225.D

Acq: 29 Mar 2019 8:21

Instrument :

BNA_G

ClientSampleId :

TP-7

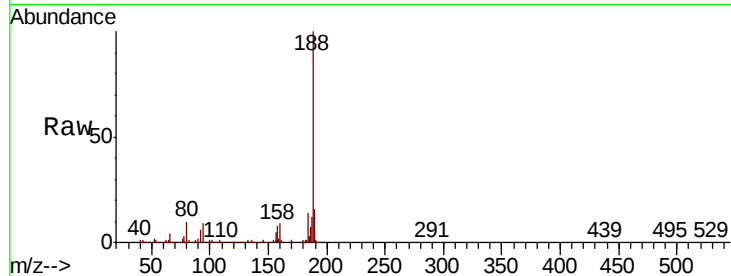
Tot Ion:188 Resp: 355755

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 10.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

300000

250000

200000

150000

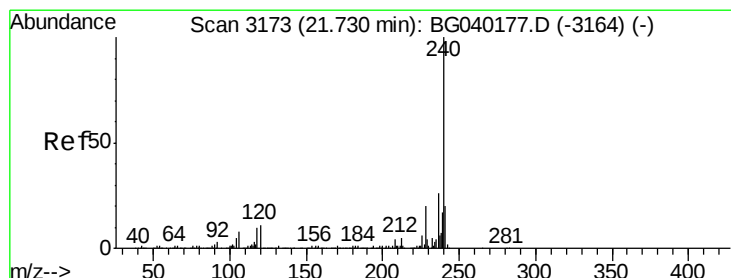
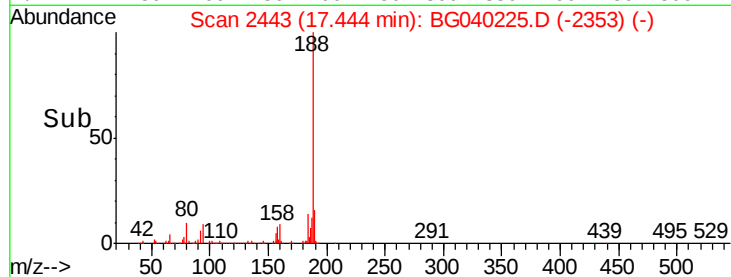
100000

50000

0

17.44

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG040225.D

Acq: 29 Mar 2019 8:21

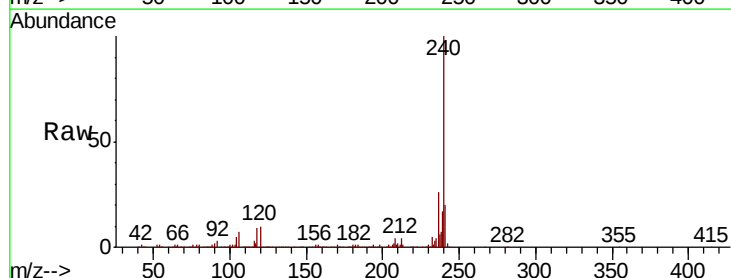
Tgt Ion:240 Resp: 399938

Ion Ratio Lower Upper

240 100

120 9.8 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

300000

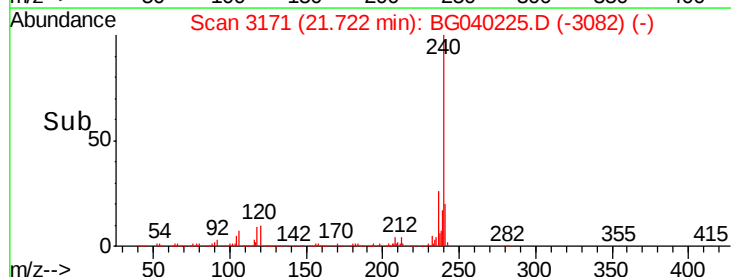
200000

100000

0

21.72

Time-->





#79

Terphenyl-d14

Concen: 85.540 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040225.D

Acq: 29 Mar 2019 8:21

Instrument :

BNA_G

ClientSampled :

TP-7

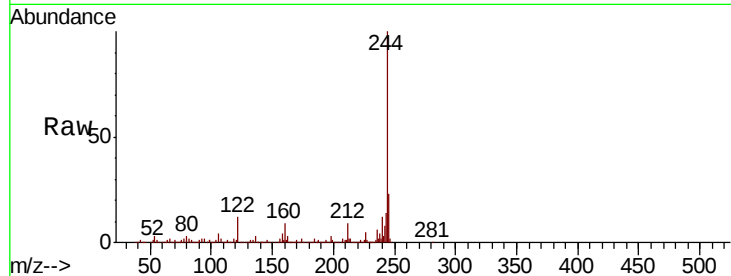
Tot Ion:244 Resp: 1520716

Ion Ratio Lower Upper

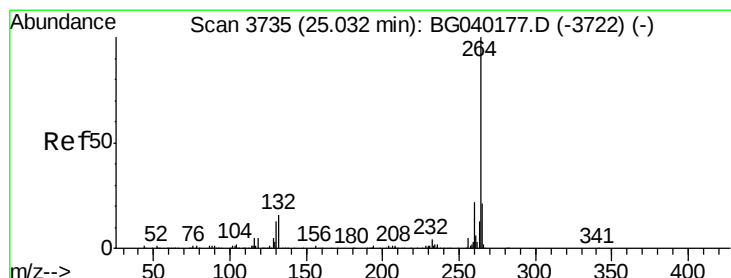
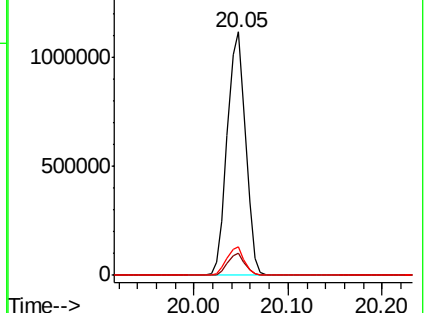
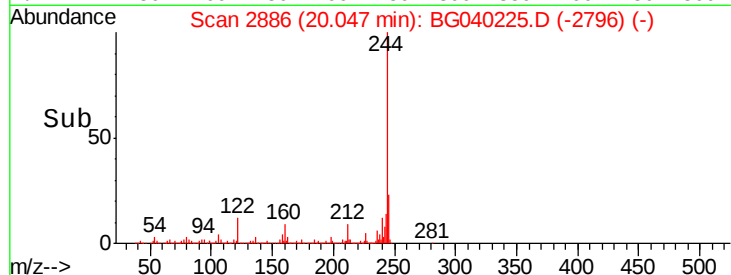
244 100

212 9.1 7.0 10.6

122 11.5 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
1500000 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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG040225.D

Acq: 29 Mar 2019 8:21

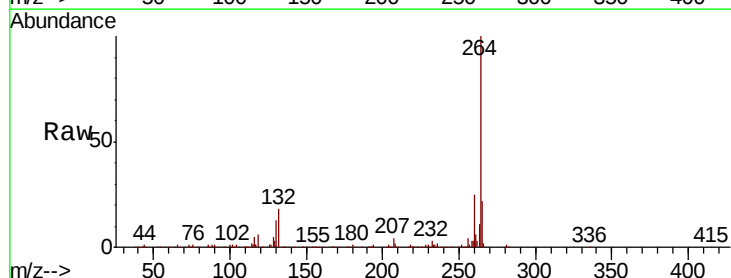
Tgt Ion:264 Resp: 391809

Ion Ratio Lower Upper

264 100

260 24.6 17.9 26.9

265 22.5 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

