

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040416.D
 Acq On : 10 Apr 2019 15:38
 Operator : JU/SJ
 Sample : K2342-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-D

Quant Time: Apr 11 05:22:53 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

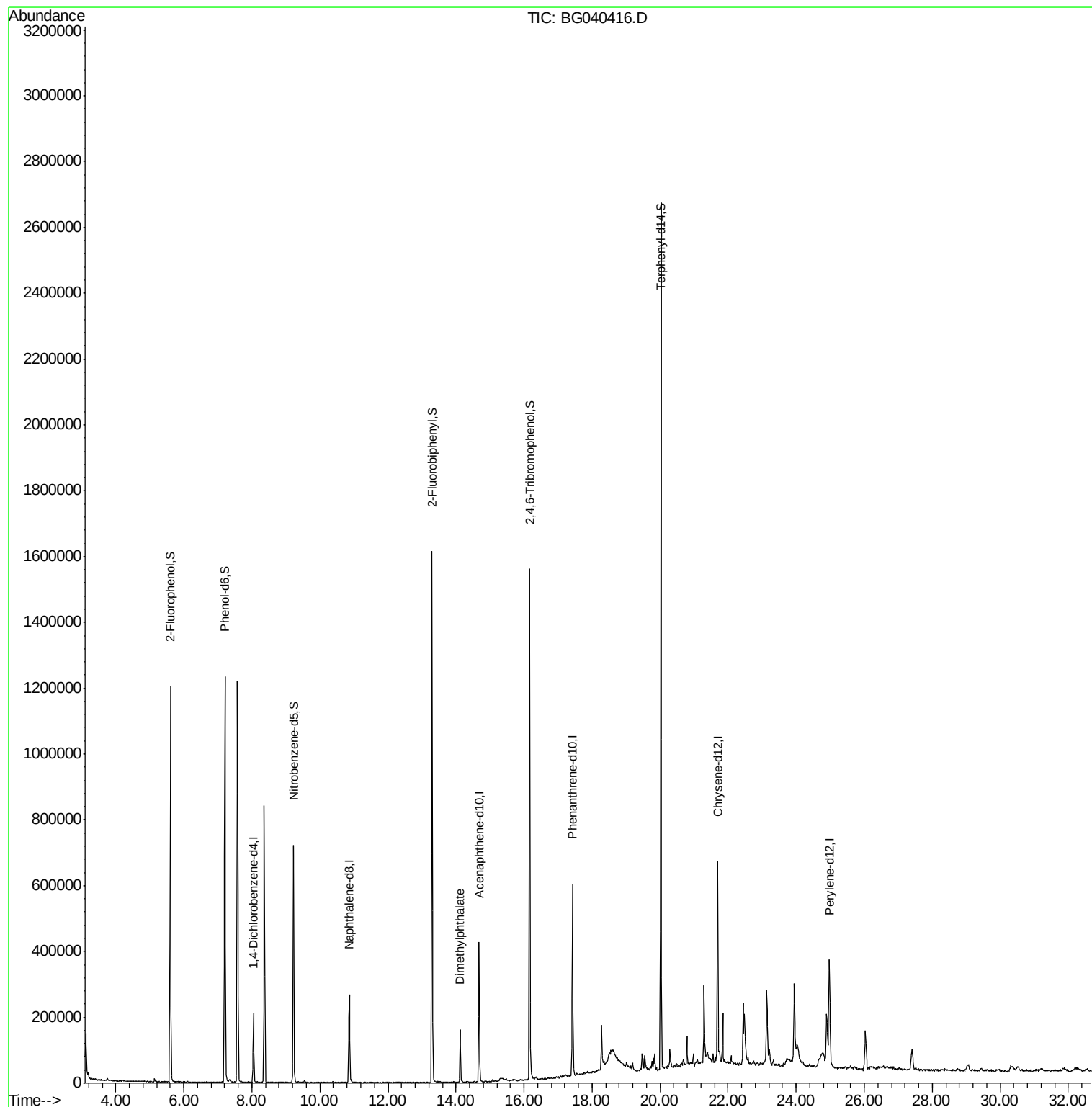
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59627	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	239457	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	149139	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	374943	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	359638	20.00	ng	-0.04
87) Perylene-d12	24.97	264	355968	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	538589	150.16	ng	-0.01
7) Phenol-d6	7.20	99	748859	151.07	ng	-0.02
23) Nitrobenzene-d5	9.22	82	453032	100.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	285330	177.03	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	885352	87.96	ng	-0.03
79) Terphenyl-d14	20.02	244	1224656	76.61	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.12	163	113176	9.696	ng	Qvalue 99

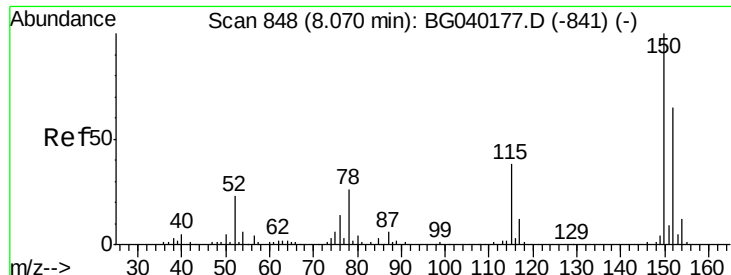
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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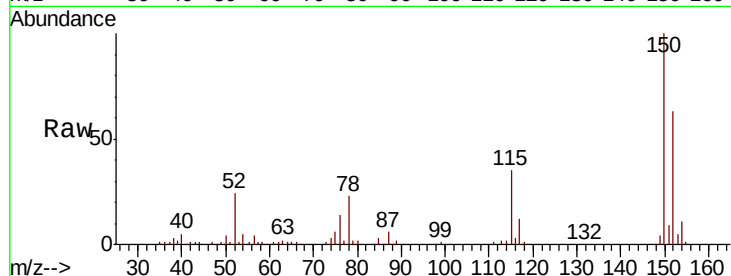


#1

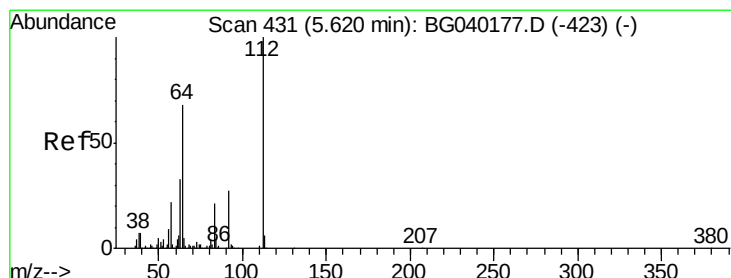
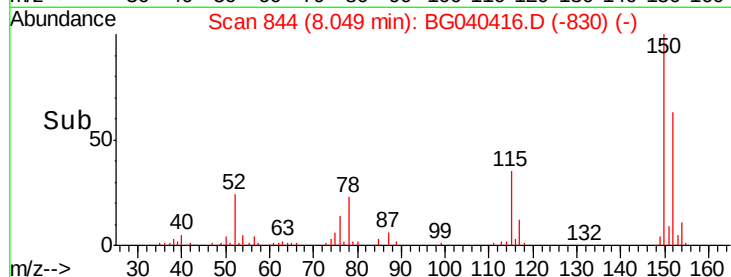
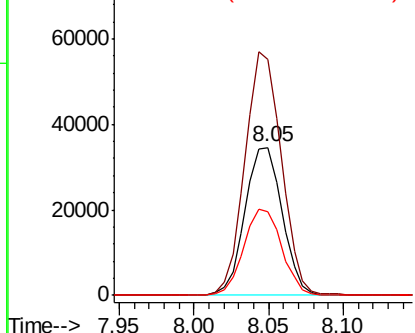
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040416.D
Acq: 10 Apr 2019 15:38

Instrument :
BNA_G
ClientSampleId :
TP-12-D

Tot Ion:152 Resp: 59627
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 56.3 46.9 70.3



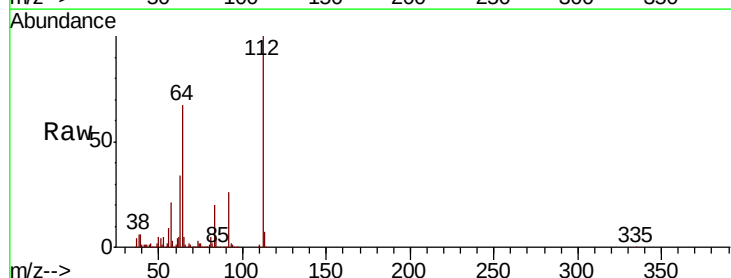
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



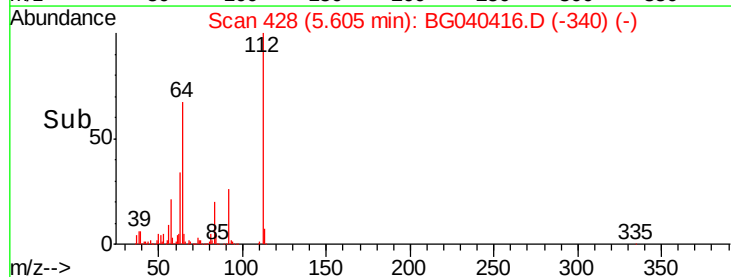
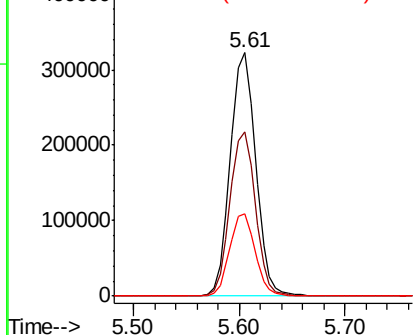
#5

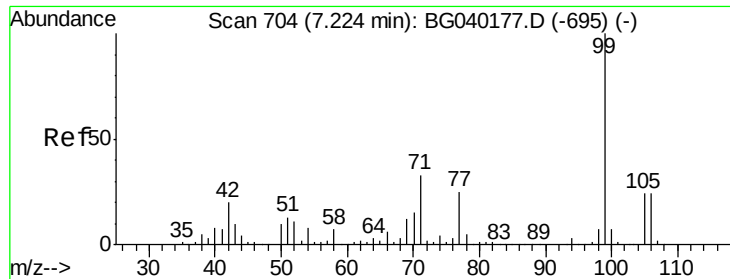
2-Fluorophenol
Concen: 150.160 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040416.D
Acq: 10 Apr 2019 15:38

Tgt Ion:112 Resp: 538589
Ion Ratio Lower Upper
112 100
64 67.2 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 151.072 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040416.D

Acq: 10 Apr 2019 15:38

Instrument :

BNA_G

ClientSampled :

TP-12-D

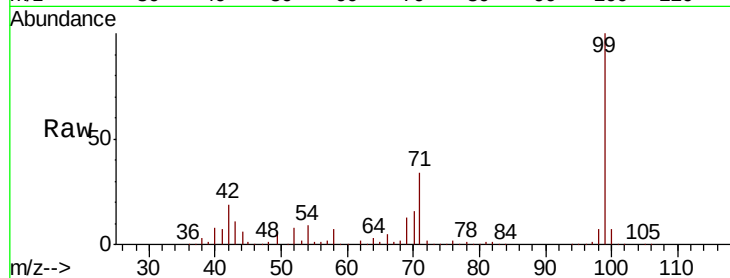
Tot Ion: 99 Resp: 748859

Ion Ratio Lower Upper

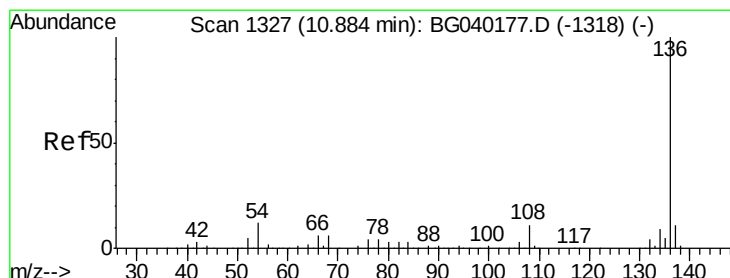
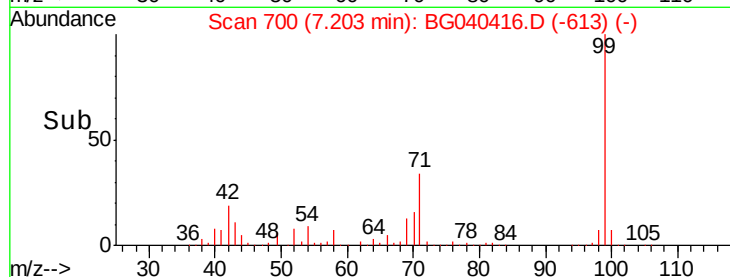
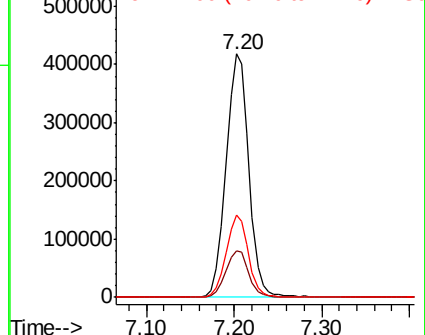
99 100

42 19.3 16.2 24.2

71 33.8 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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040416.D

Acq: 10 Apr 2019 15:38

Tgt Ion: 136 Resp: 239457

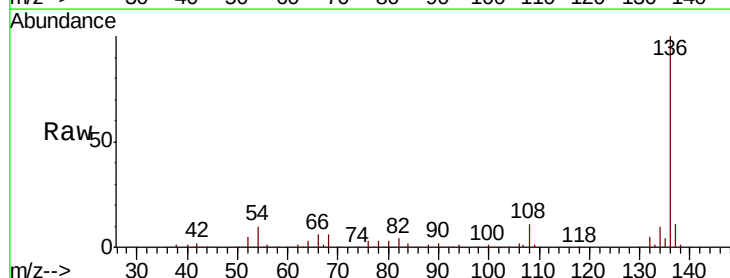
Ion Ratio Lower Upper

136 100

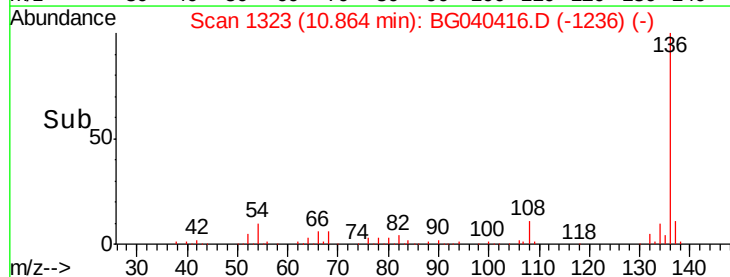
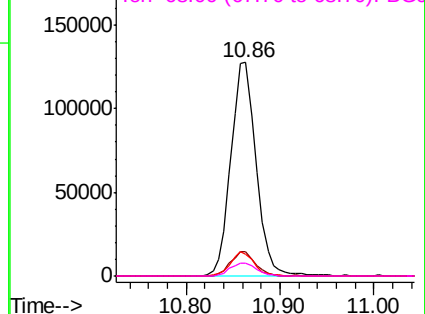
137 11.4 8.9 13.3

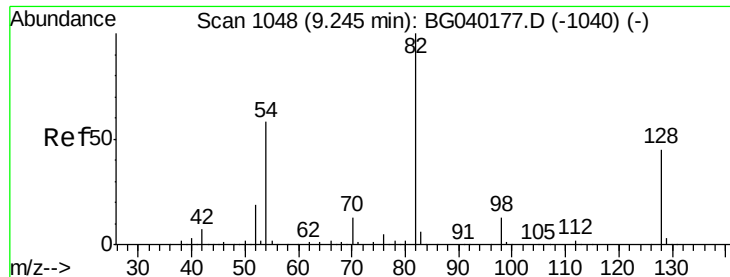
54 10.4 9.6 14.4

68 6.1 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

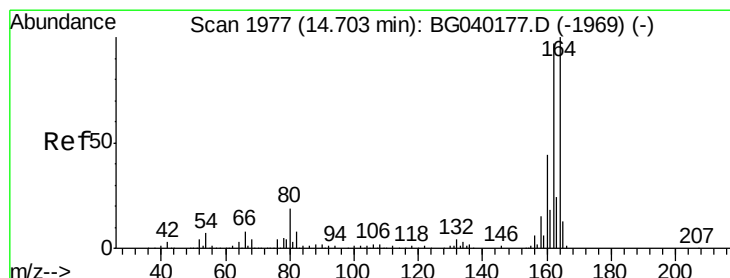
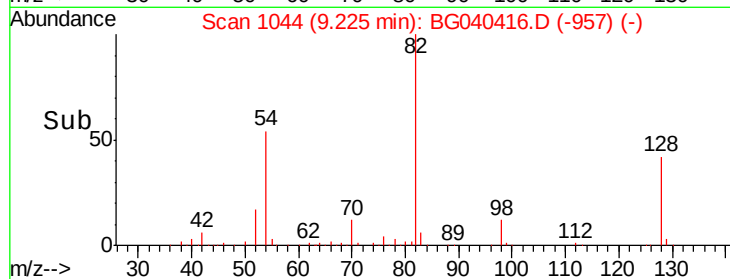
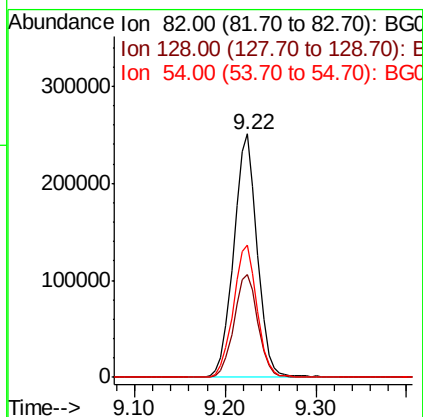
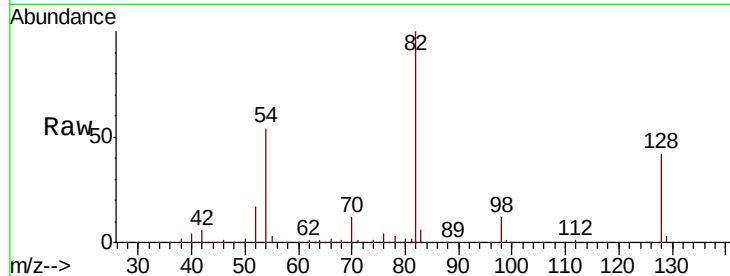




#23
Nitrobenzene-d5
Concen: 100.562 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040416.D
Acq: 10 Apr 2019 15:38

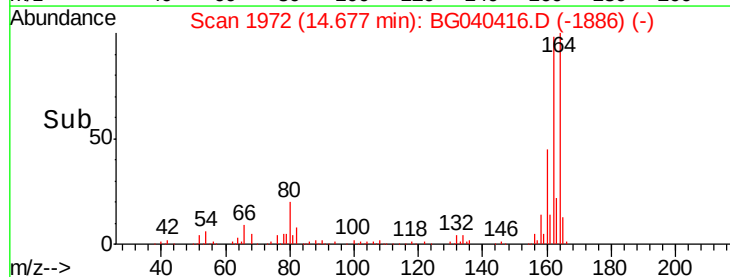
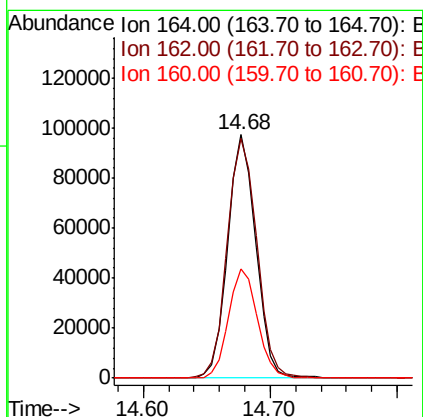
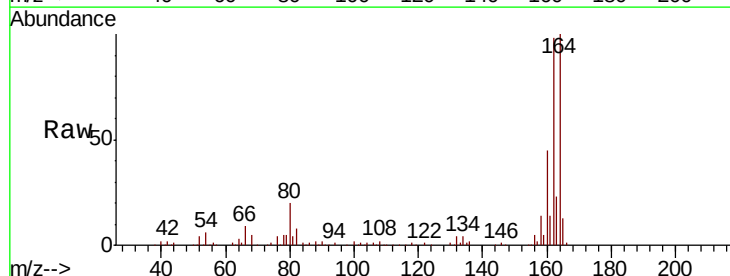
Instrument :
BNA_G
ClientSampleId :
TP-12-D

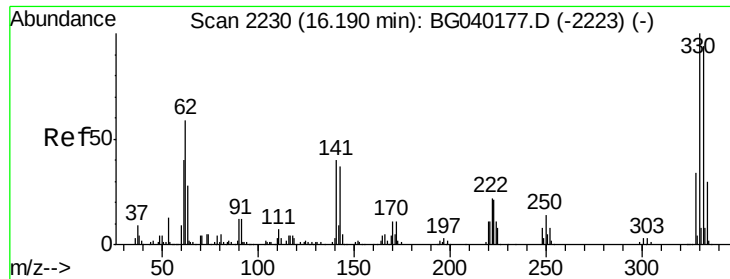
Tot Ion: 82 Resp: 453032
Ion Ratio Lower Upper
82 100
128 42.3 35.8 53.8
54 54.2 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040416.D
Acq: 10 Apr 2019 15:38

Tgt Ion: 164 Resp: 149139
Ion Ratio Lower Upper
164 100
162 98.3 77.4 116.2
160 44.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 177.025 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040416.D

Acq: 10 Apr 2019 15:38

Instrument :

BNA_G

ClientSampled :

TP-12-D

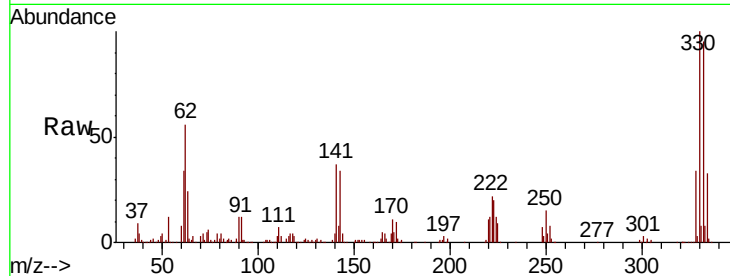
Tot Ion:330 Resp: 285330

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

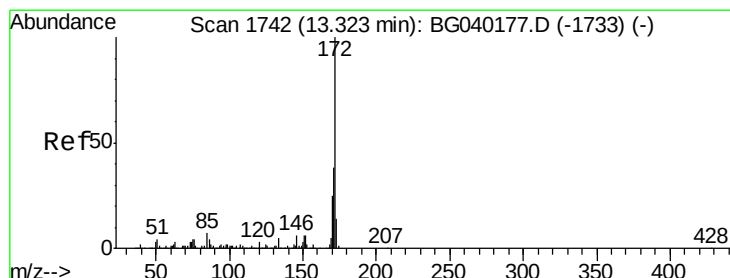
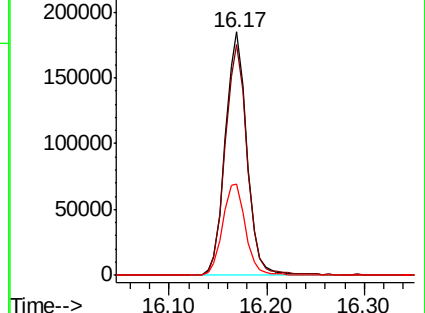
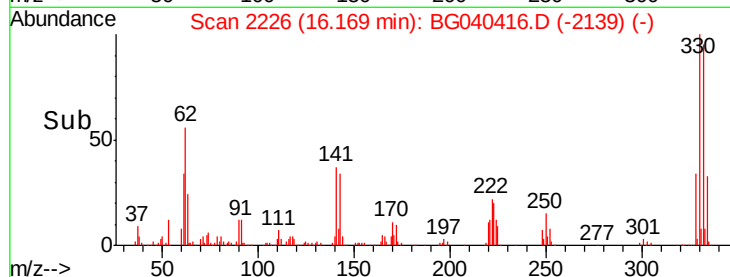
141 40.1 32.6 48.8



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: 87.964 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040416.D

Acq: 10 Apr 2019 15:38

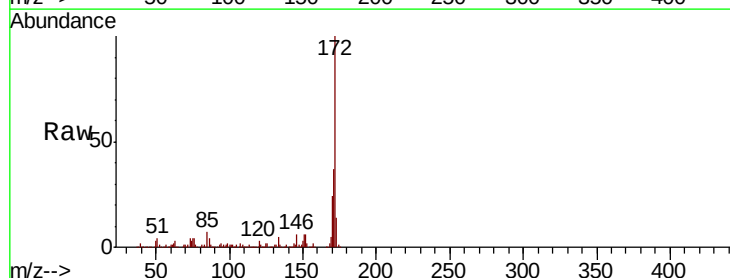
Tgt Ion:172 Resp: 885352

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

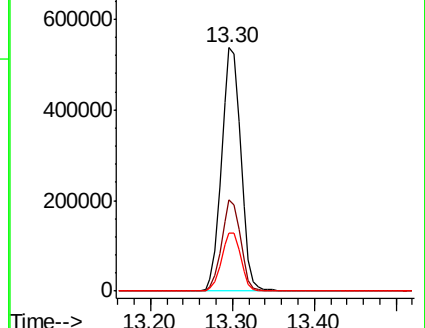
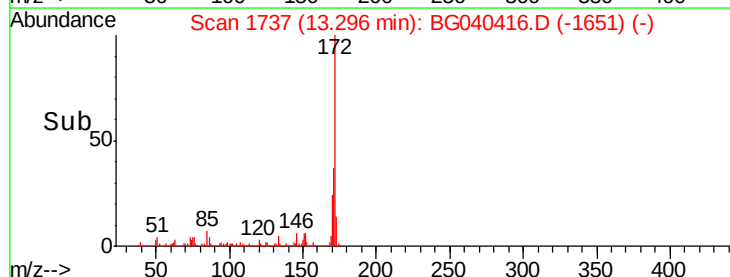
170 24.1 20.1 30.1

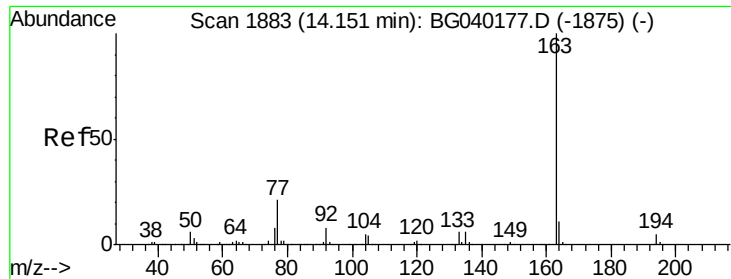


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.696 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040416.D

Acq: 10 Apr 2019 15:38

Instrument :

BNA_G

ClientSampleId :

TP-12-D

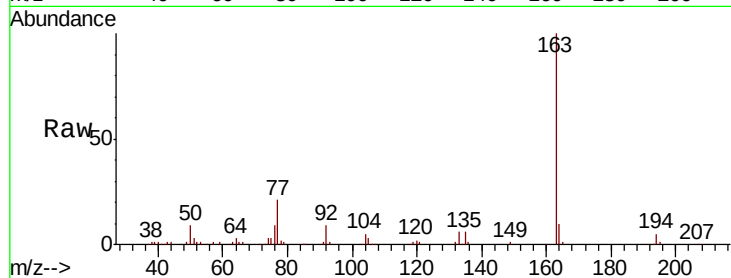
Tot Ion:163 Resp: 113176

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

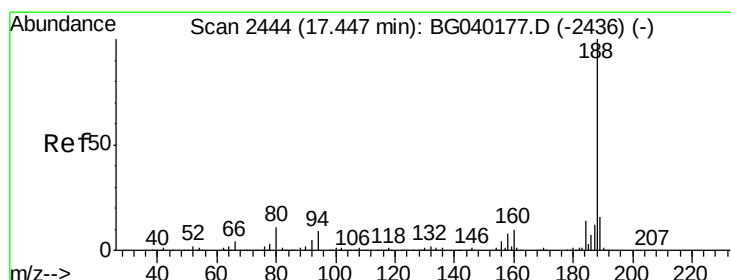
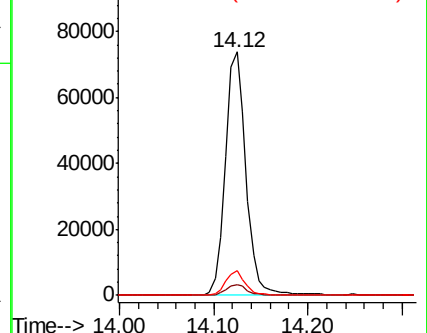
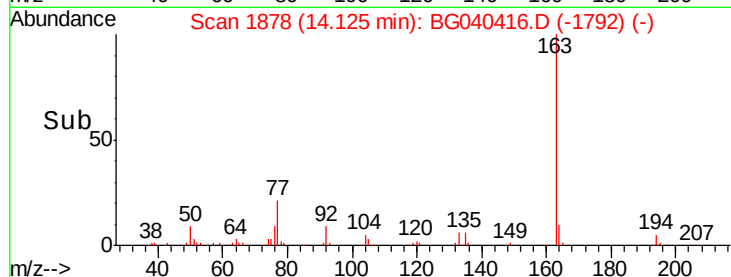
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040416.D

Acq: 10 Apr 2019 15:38

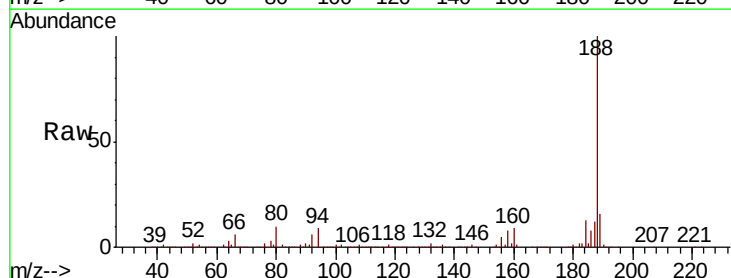
Tgt Ion:188 Resp: 374943

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

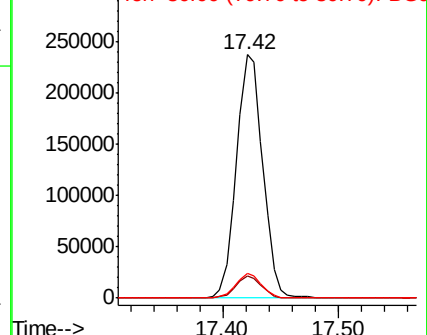
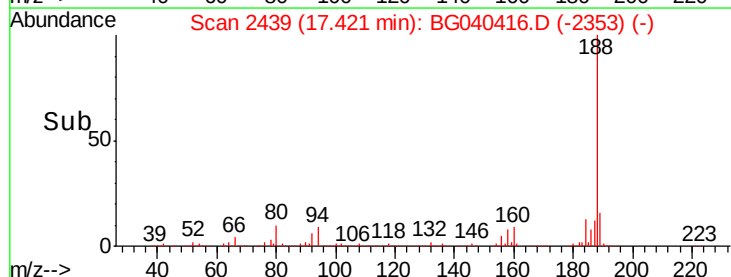
80 10.0 8.6 13.0

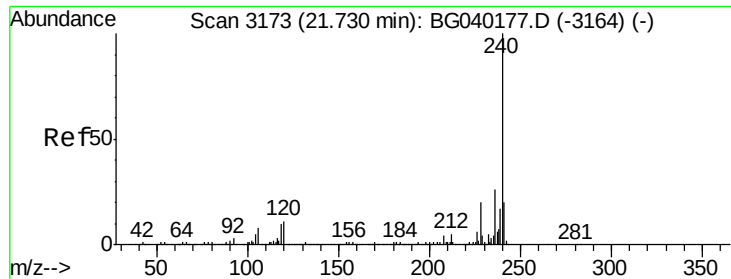


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

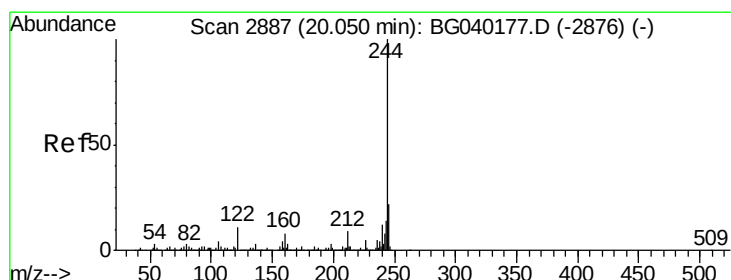
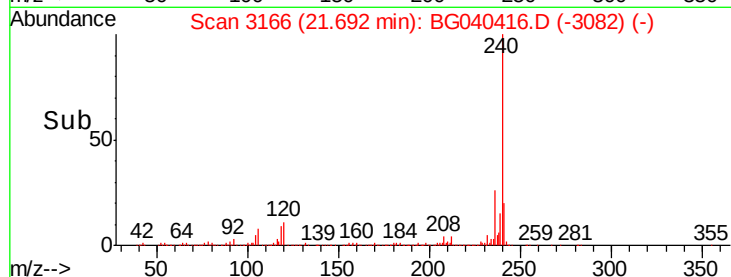
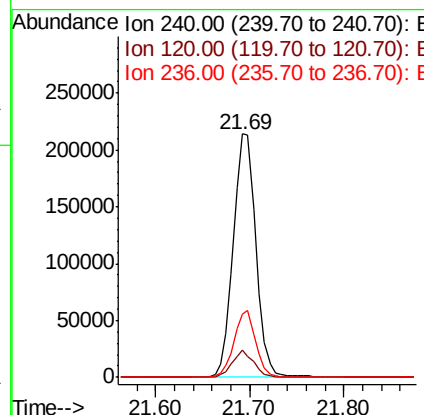
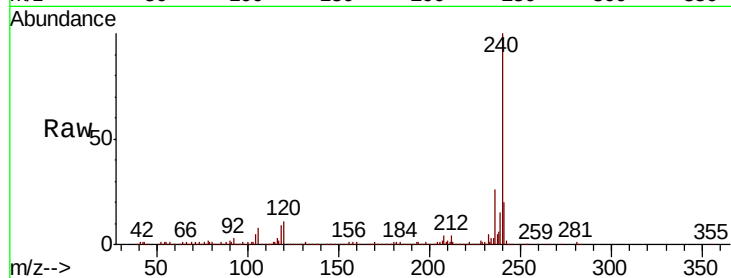




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.04 min
 Lab File: BG040416.D
 Acq: 10 Apr 2019 15:38

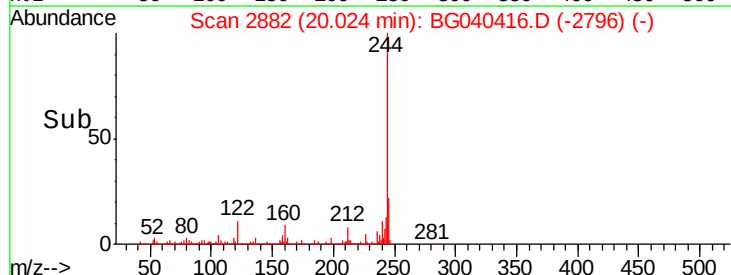
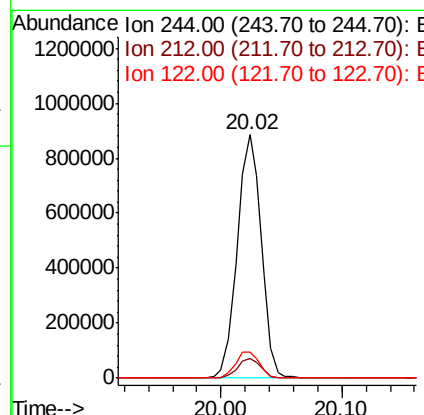
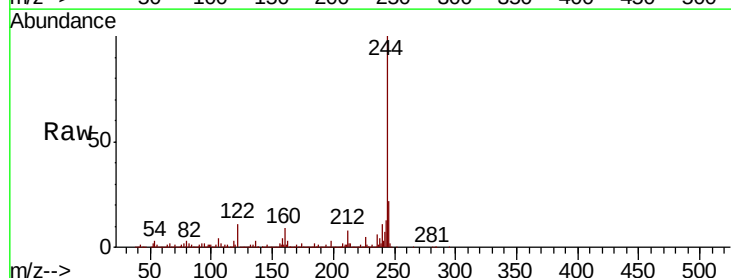
Instrument :
 BNA_G
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 TP-12-D

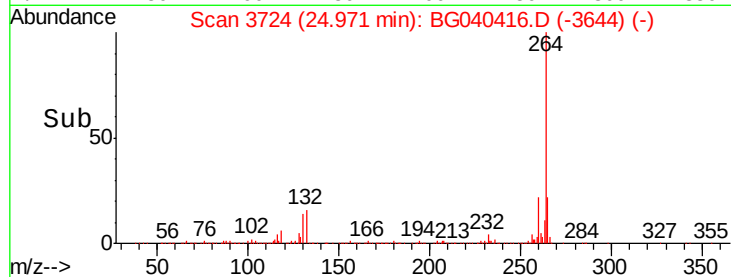
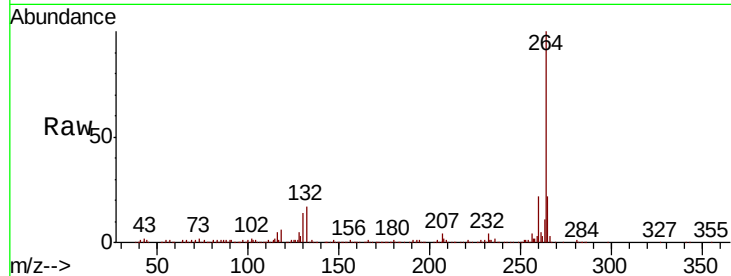
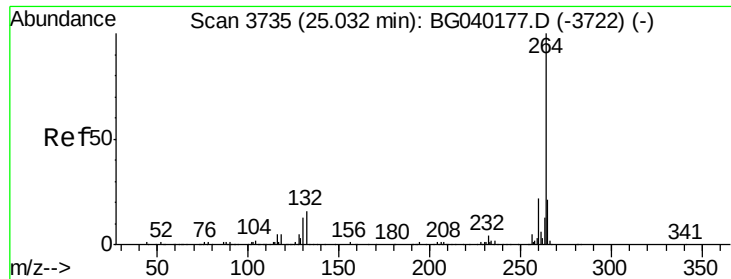
Tot Ion:240 Resp: 359638
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.4 12.6
 236 25.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 76.606 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040416.D
 Acq: 10 Apr 2019 15:38

Tgt Ion:244 Resp: 1224656
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.6
 122 10.9 8.5 12.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3724
 Delta R.T. -0.06 min
 Lab File: BG040416.D
 Acq: 10 Apr 2019 15:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-12-D

Tot Ion:	264	Resp:	355968
Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.9	26.9
265	22.3	16.8	25.2

