

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041410.D
 Acq On : 22 Jun 2019 19:30
 Operator : HP/JU
 Sample : K3470-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-6

Quant Time: Jun 24 03:39:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24091	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	84983	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	59408	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	171260	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	218577	20.00	ng	-0.04
87) Perylene-d12	24.99	264	227654	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	162302	123.79	ng	-0.03
7) Phenol-d6	7.21	99	213396	112.28	ng	-0.03
23) Nitrobenzene-d5	9.23	82	176399	87.30	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	133002	145.83	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	407738	93.28	ng	-0.03
79) Terphenyl-d14	20.03	244	1008176	91.41	ng	-0.03

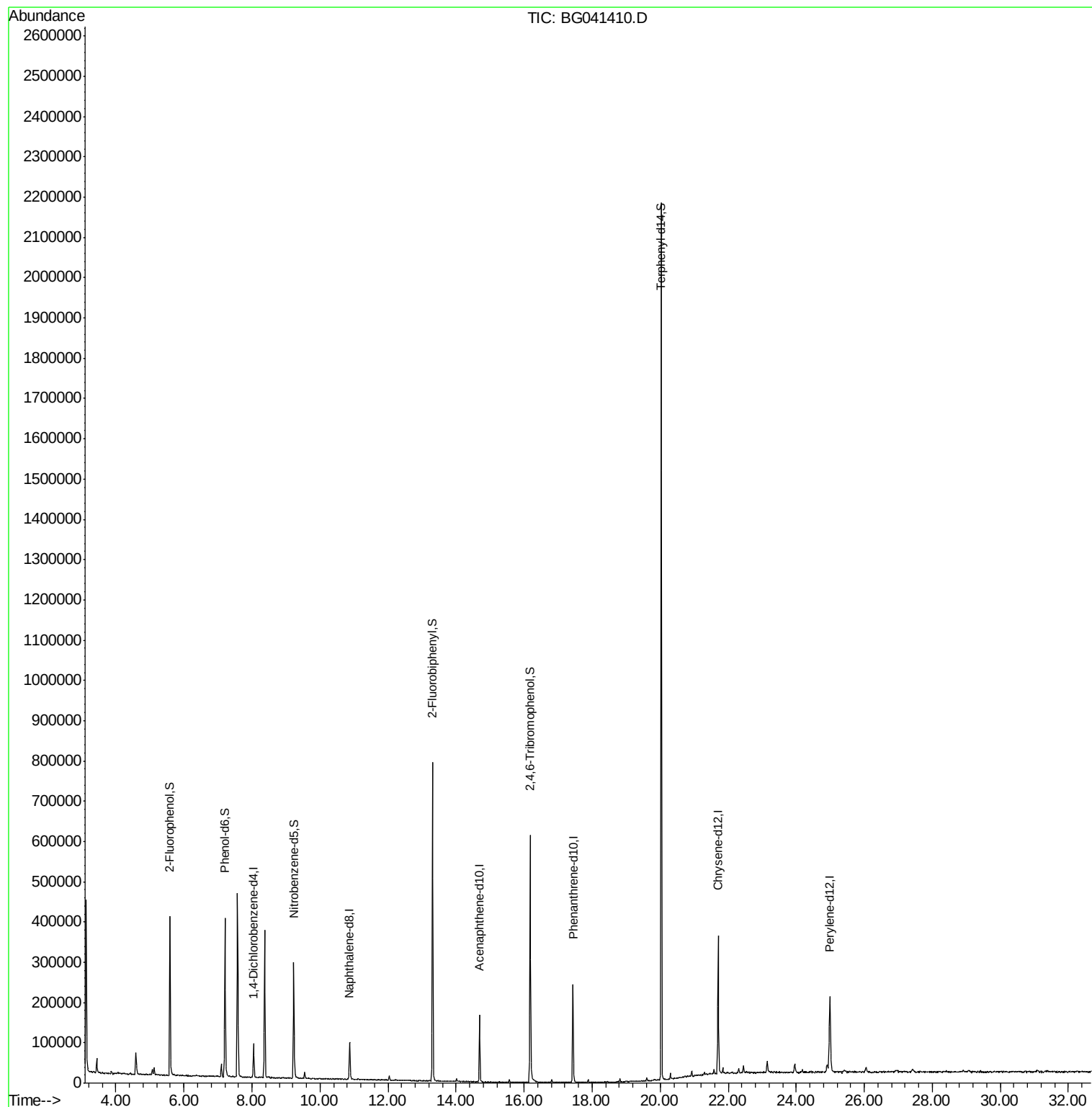
Target Compounds Qvalue

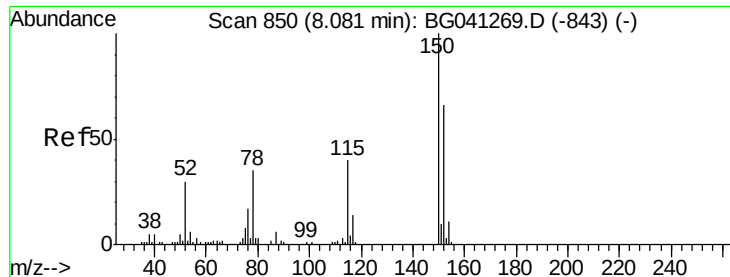
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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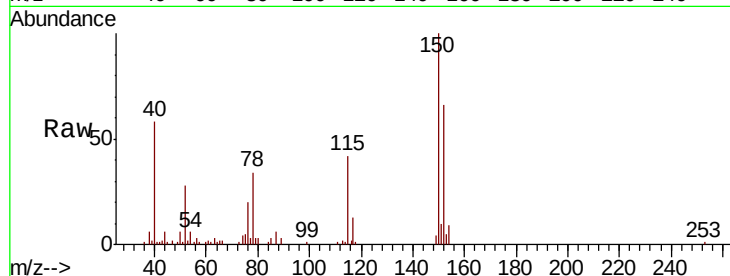


#1

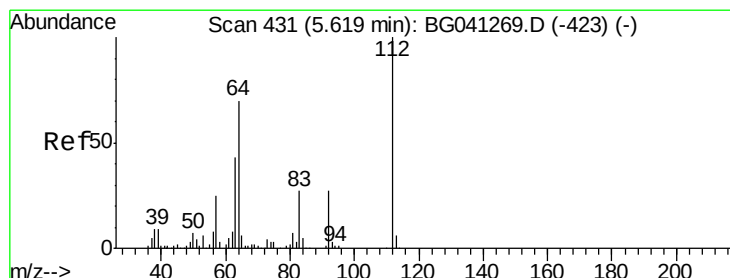
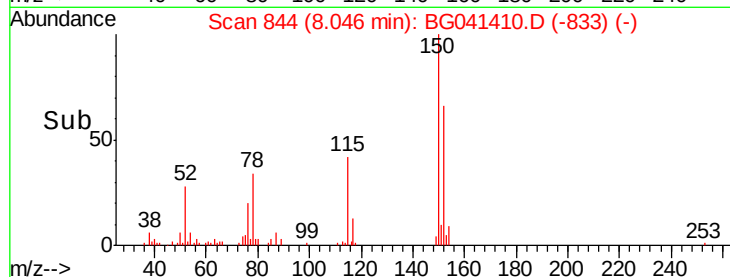
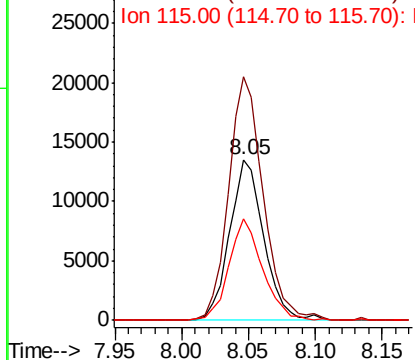
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041410.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_G
ClientSampleId :
SAMPLE-6

Tot Ion:152 Resp: 24091
Ion Ratio Lower Upper
152 100
150 151.4 120.6 181.0
115 62.9 47.9 71.9



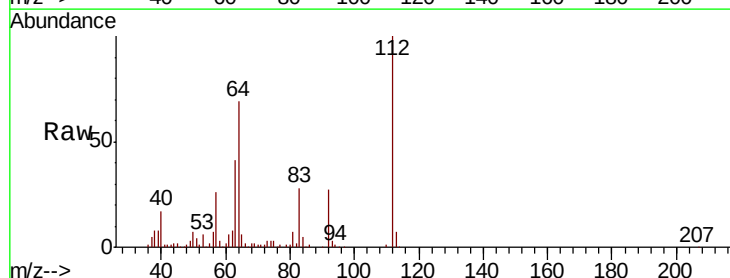
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



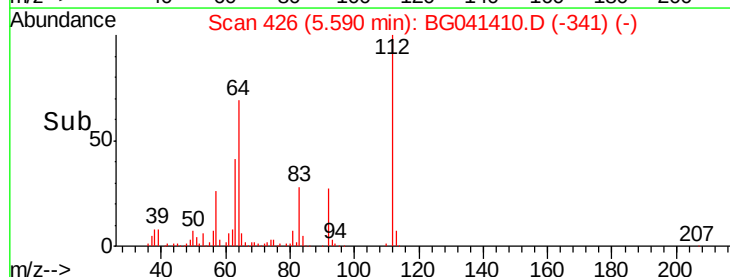
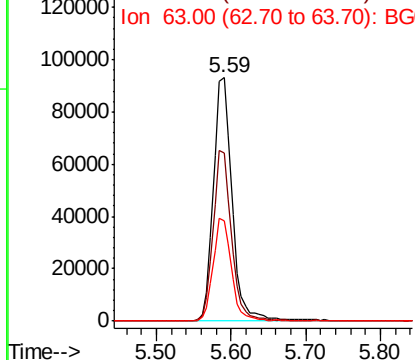
#5

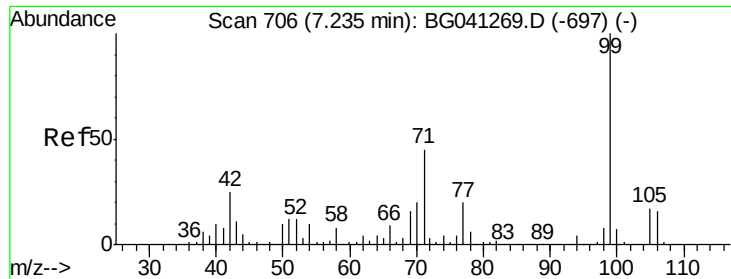
2-Fluorophenol
Concen: 123.787 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041410.D
Acq: 22 Jun 2019 19:30

Tgt Ion:112 Resp: 162302
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 41.3 34.6 51.8



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: 112.284 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041410.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_G

ClientSampleId :

SAMPLE-6

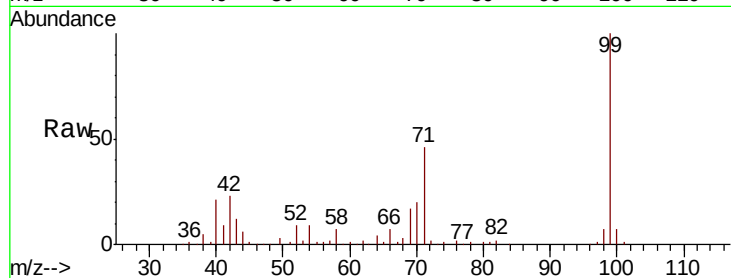
Tot Ion: 99 Resp: 213396

Ion Ratio Lower Upper

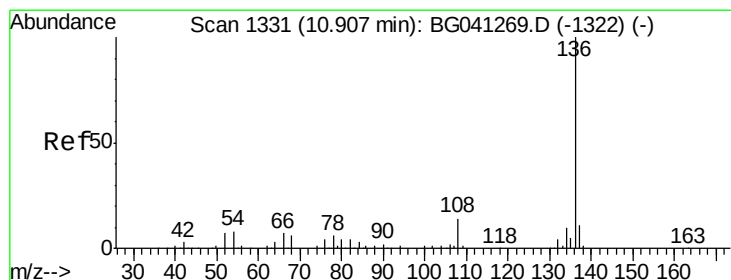
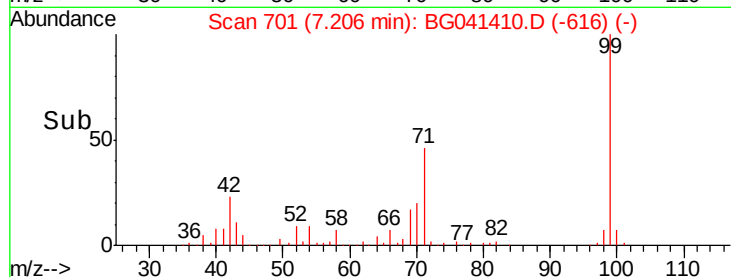
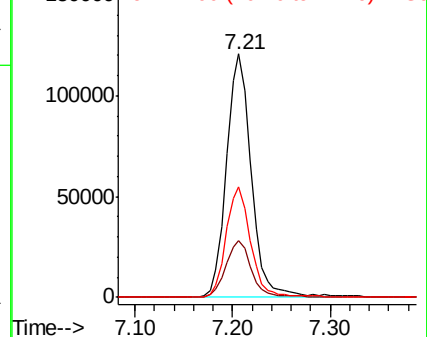
99 100

42 23.4 19.9 29.9

71 45.5 36.4 54.6



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: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041410.D

Acq: 22 Jun 2019 19:30

Tgt Ion: 136 Resp: 84983

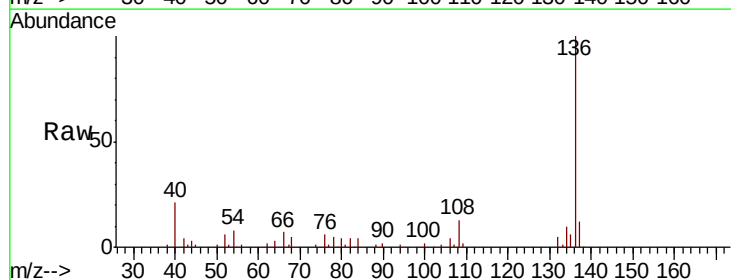
Ion Ratio Lower Upper

136 100

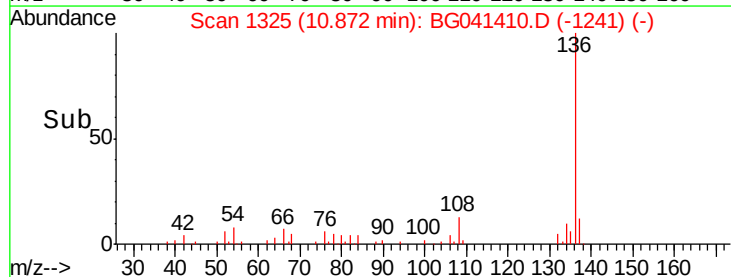
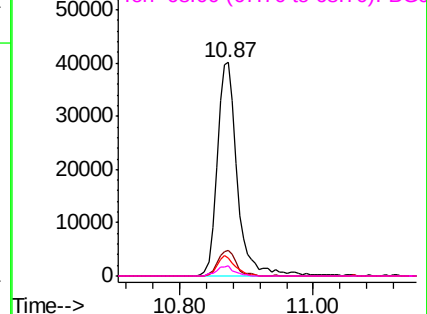
137 12.0 8.8 13.2

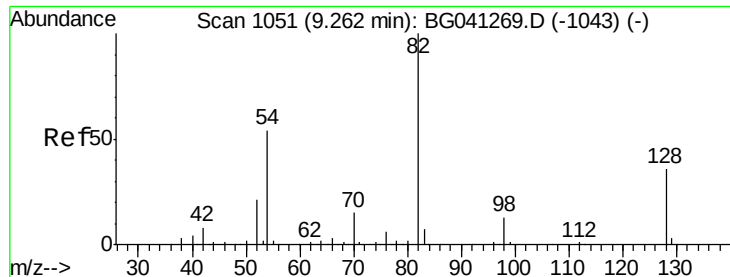
54 8.2 6.4 9.6

68 4.7 4.8 7.2#



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

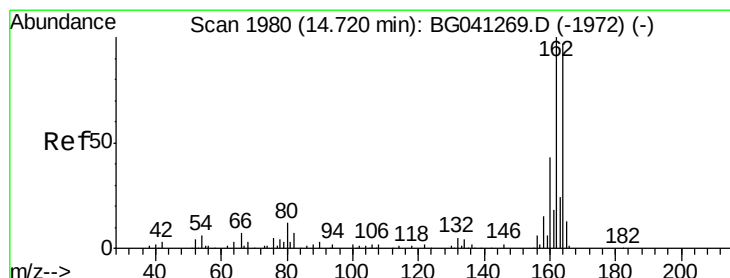
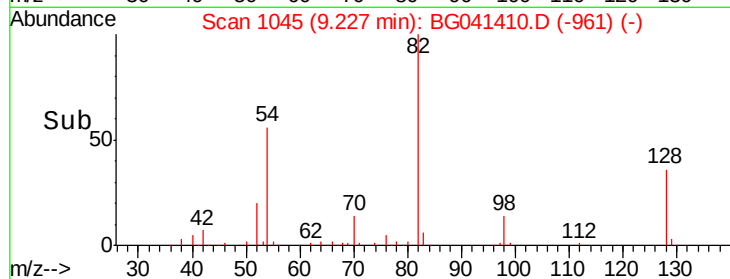
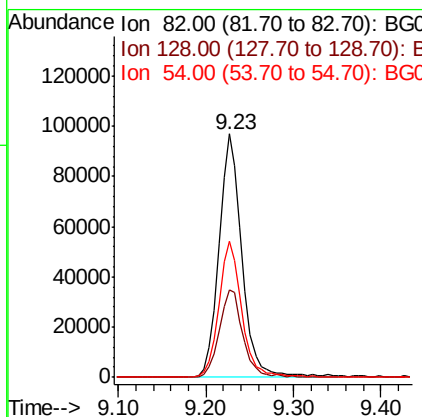
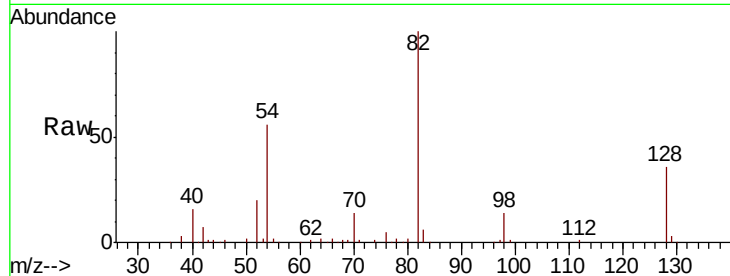




#23
 Nitrobenzene-d5
 Concen: 87.296 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041410.D
 Acq: 22 Jun 2019 19:30

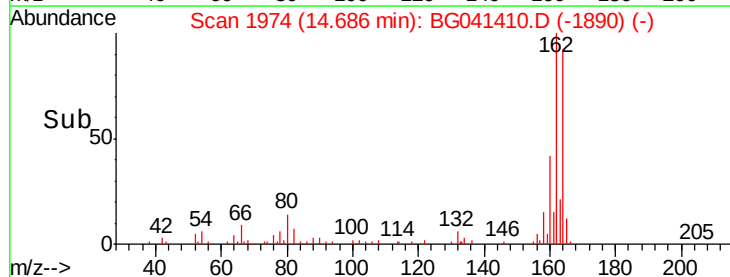
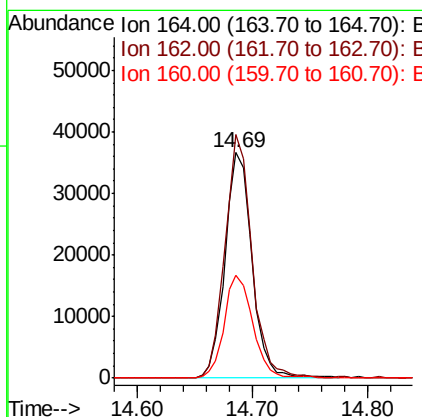
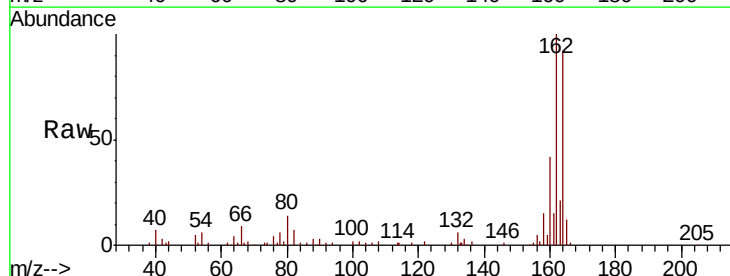
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-6

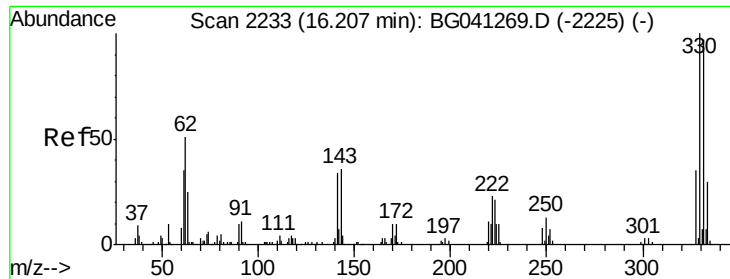
Tot Ion	82	Resp	176399
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.2	43.8
54	55.9	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041410.D
 Acq: 22 Jun 2019 19:30

Tgt Ion	164	Resp	59408
Ion Ratio	Lower	Upper	
164	100		
162	108.2	82.8	124.2
160	45.9	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 145.828 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041410.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_G

ClientSampleId :

SAMPLE-6

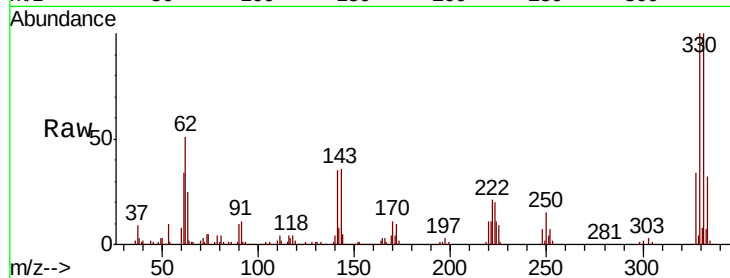
Tot Ion:330 Resp: 133002

Ion Ratio Lower Upper

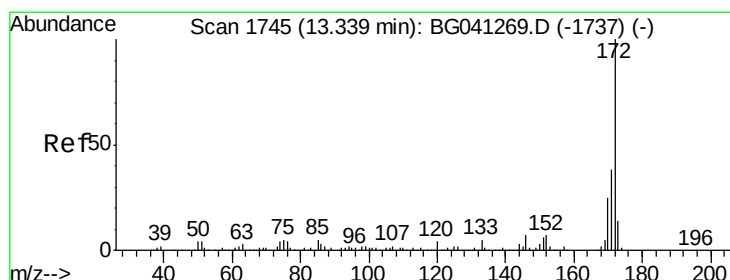
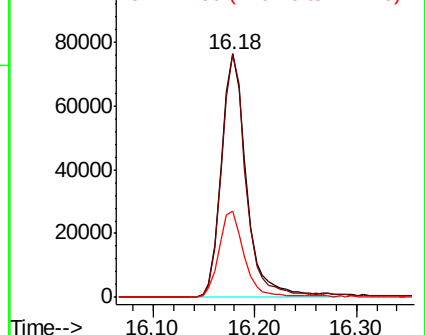
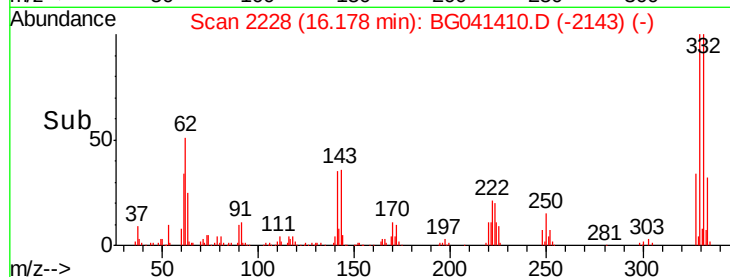
330 100

332 96.3 75.5 113.3

141 36.4 29.0 43.4



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: 93.284 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041410.D

Acq: 22 Jun 2019 19:30

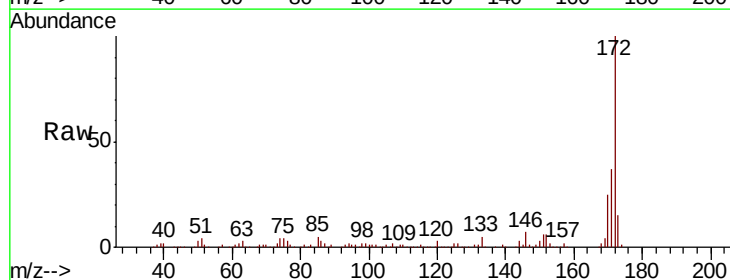
Tgt Ion:172 Resp: 407738

Ion Ratio Lower Upper

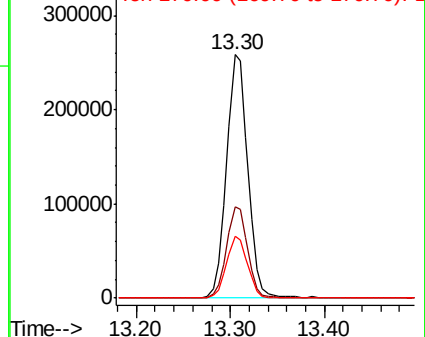
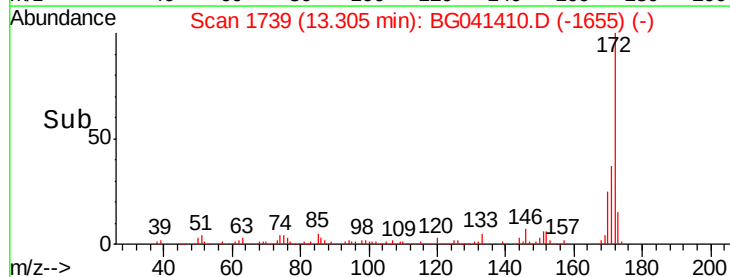
172 100

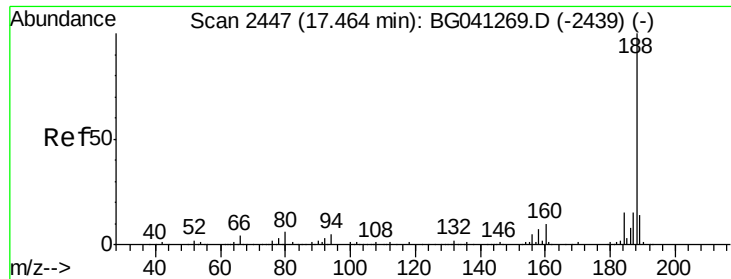
171 37.5 30.0 45.0

170 25.2 19.8 29.6



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

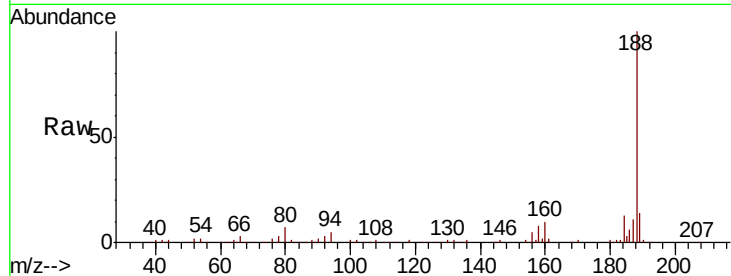




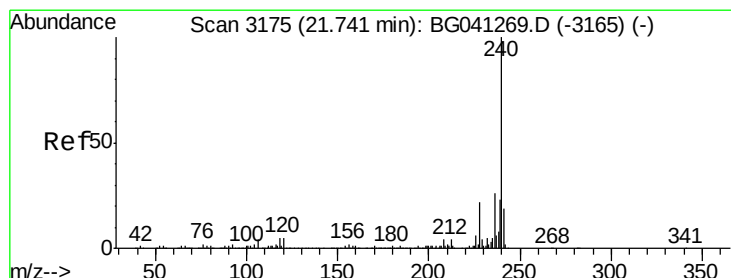
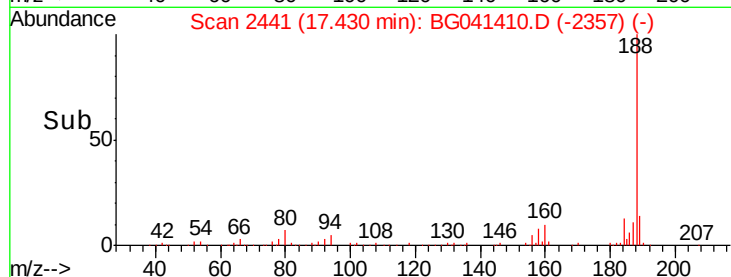
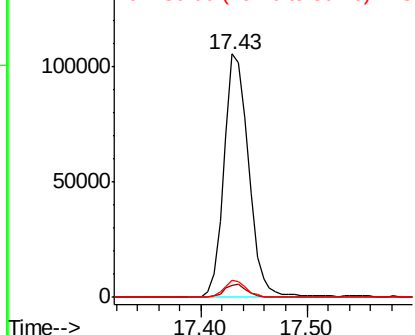
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041410.D
Acq: 22 Jun 2019 19:30

Instrument :
BNA_G
ClientSampleId :
SAMPLE-6

Tot Ion:188 Resp: 171260
Ion Ratio Lower Upper
188 100
94 4.8 3.6 5.4
80 6.8 4.8 7.2

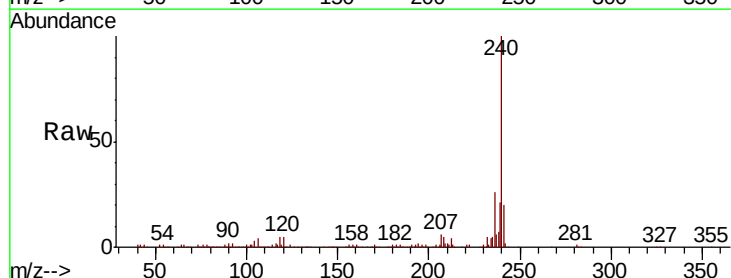


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

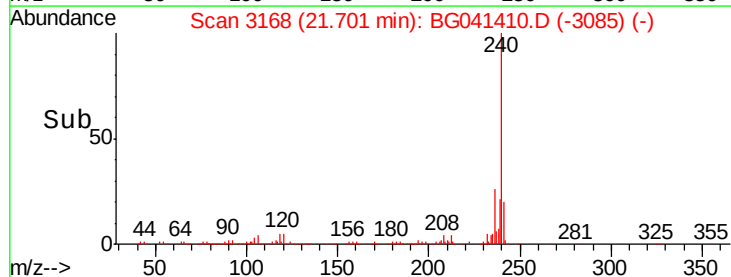
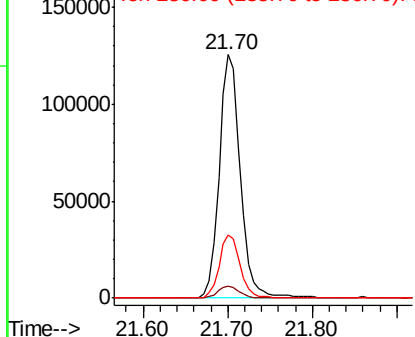


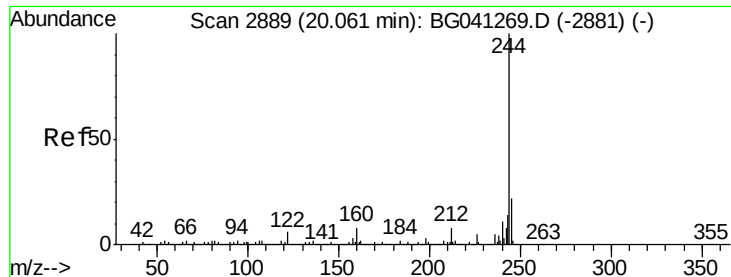
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041410.D
Acq: 22 Jun 2019 19:30

Tgt Ion:240 Resp: 218577
Ion Ratio Lower Upper
240 100
120 5.0 3.7 5.5
236 25.8 21.1 31.7



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: 91.409 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041410.D

Acq: 22 Jun 2019 19:30

Instrument :

BNA_G

ClientSampled :

SAMPLE-6

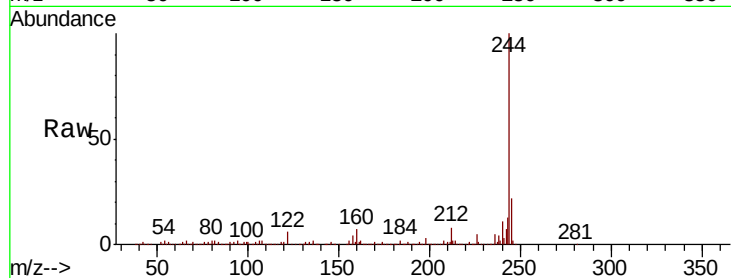
Tot Ion:244 Resp: 1008176

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

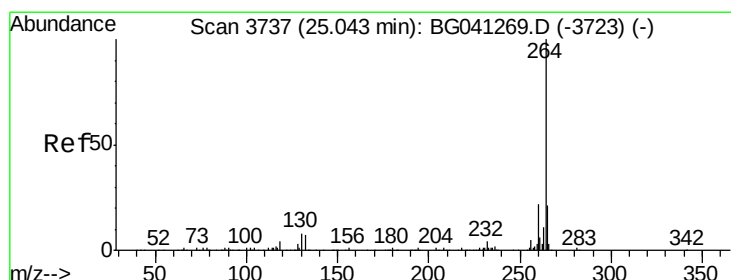
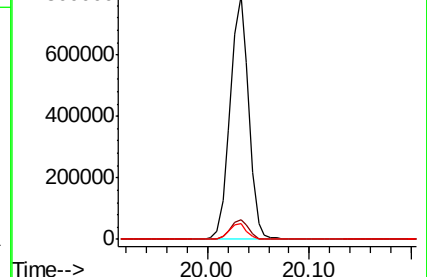
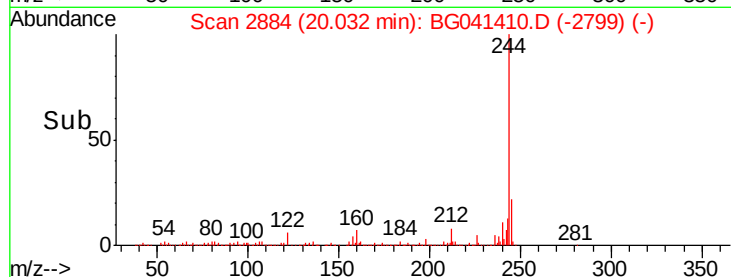
122 6.3 5.0 7.4



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: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041410.D

Acq: 22 Jun 2019 19:30

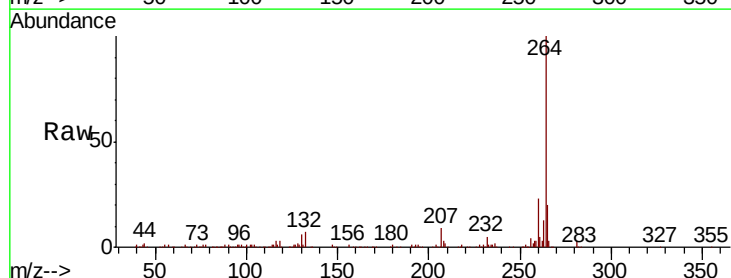
Tgt Ion:264 Resp: 227654

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.2

265 20.3 17.2 25.8



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

