

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041403.D
 Acq On : 22 Jun 2019 15:04
 Operator : HP/JU
 Sample : K3470-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-4

Quant Time: Jun 24 03:24:41 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	25999	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	87757	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	62735	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	175664	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	207674	20.00	ng	-0.04
87) Perylene-d12	24.99	264	229647	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	169342	119.68	ng	-0.03
7) Phenol-d6	7.21	99	217148	105.87	ng	-0.03
23) Nitrobenzene-d5	9.23	82	189148	90.65	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	139312	144.65	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	423250	91.70	ng	-0.03
79) Terphenyl-d14	20.03	244	950902	90.74	ng	-0.03

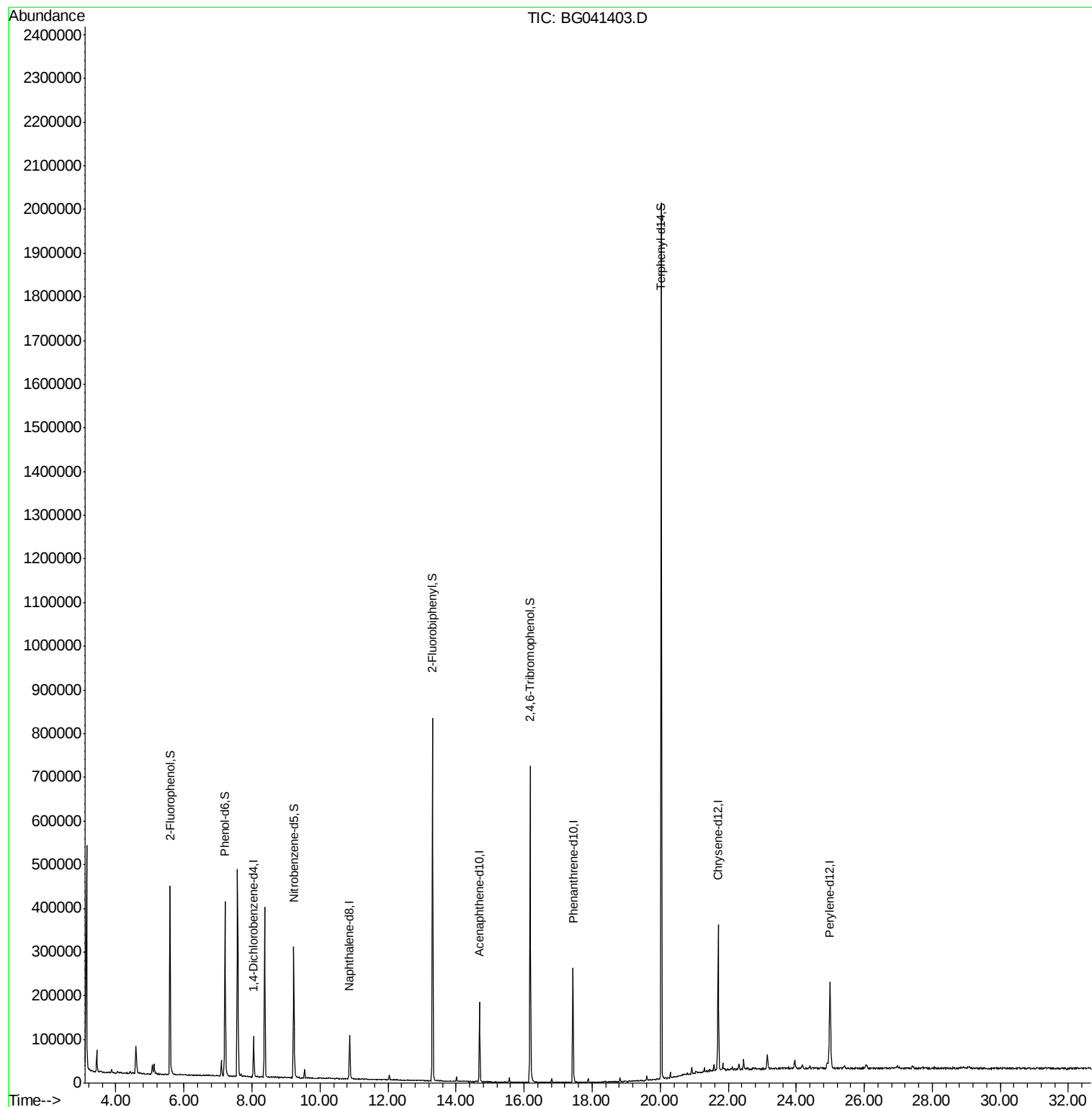
Target Compounds Qvalue

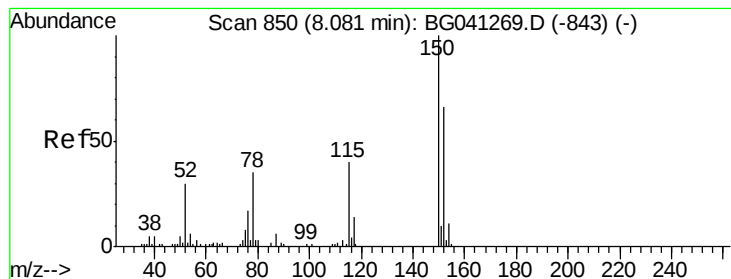
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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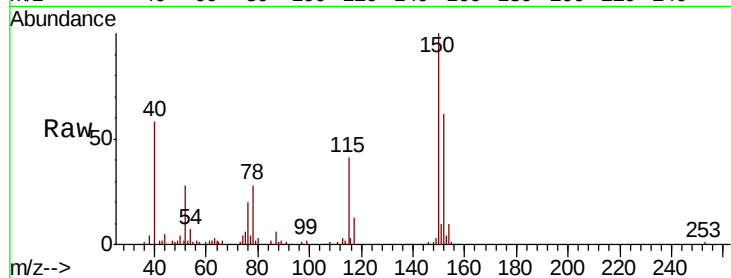


#1

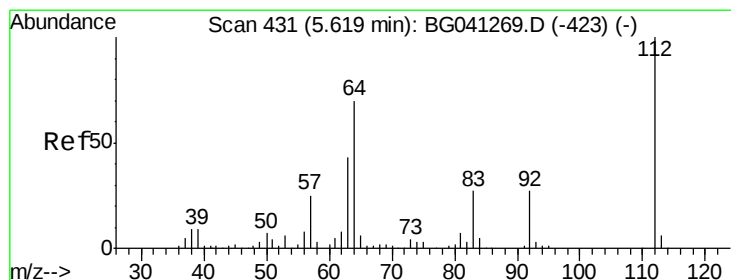
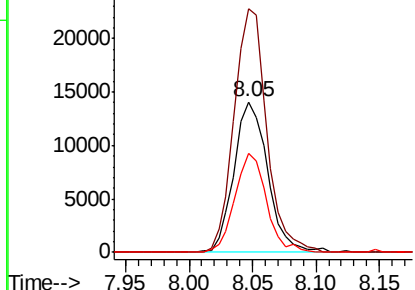
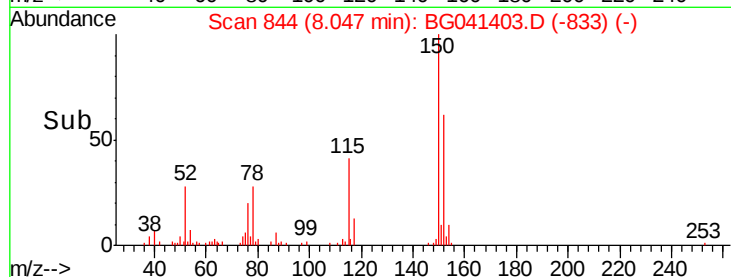
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041403.D
Acq: 22 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SAMPLE-4

Tot Ion:152 Resp: 25999
Ion Ratio Lower Upper
152 100
150 161.5 120.6 181.0
115 65.6 47.9 71.9



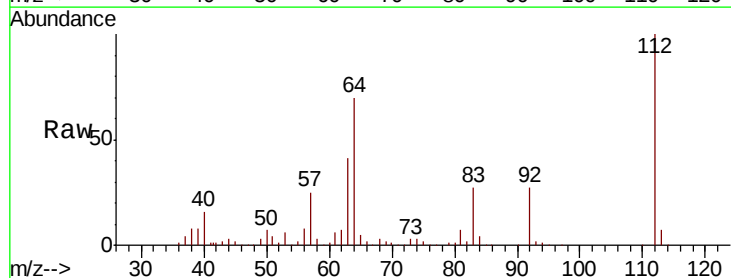
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



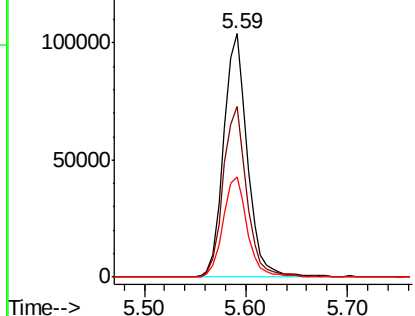
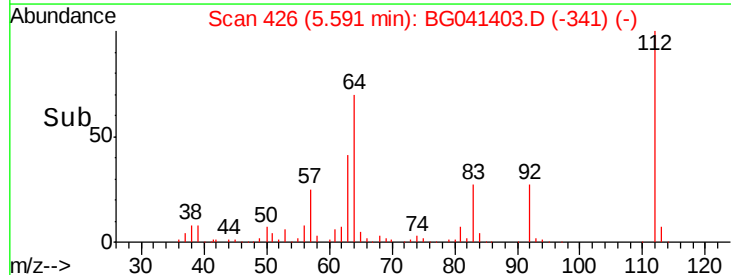
#5

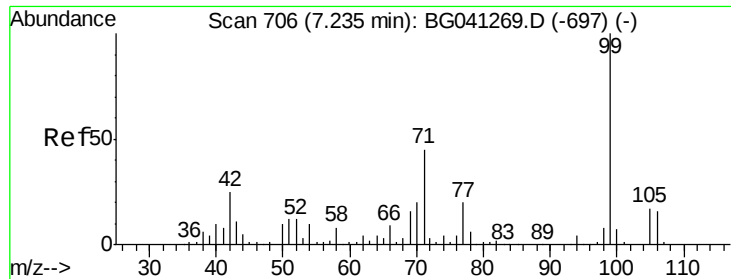
2-Fluorophenol
Concen: 119.678 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041403.D
Acq: 22 Jun 2019 15:04

Tgt Ion:112 Resp: 169342
Ion Ratio Lower Upper
112 100
64 70.0 55.9 83.9
63 41.4 34.6 51.8



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





#7

Phenol-d6

Concen: 105.873 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041403.D

Acq: 22 Jun 2019 15:04

Instrument :

BNA_G

ClientSampleId :

SAMPLE-4

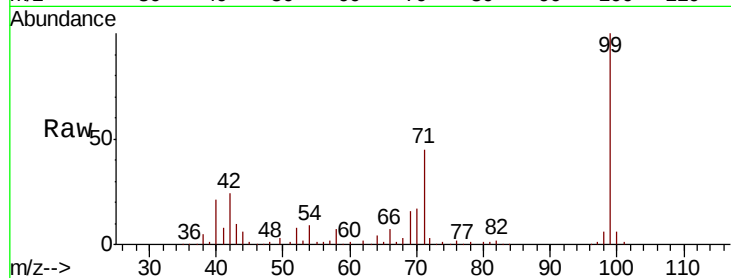
Tot Ion: 99 Resp: 217148

Ion Ratio Lower Upper

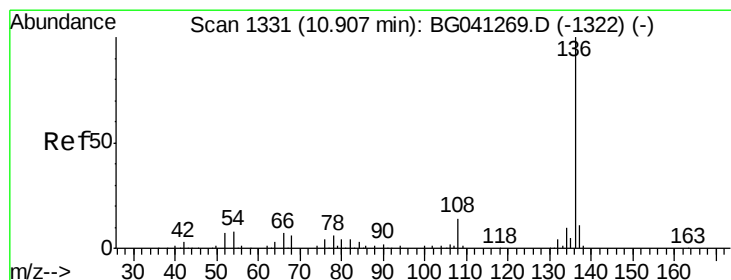
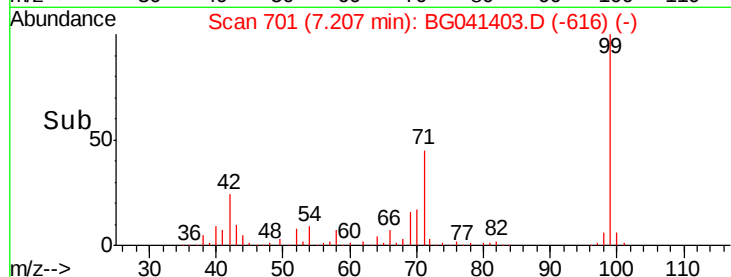
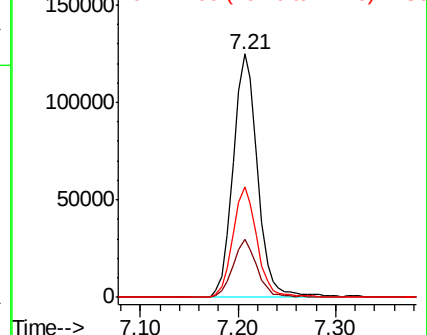
99 100

42 23.7 19.9 29.9

71 45.3 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: BG041403.D

Acq: 22 Jun 2019 15:04

Tgt Ion: 136 Resp: 87757

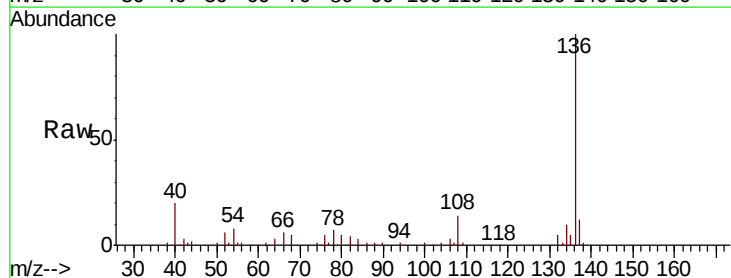
Ion Ratio Lower Upper

136 100

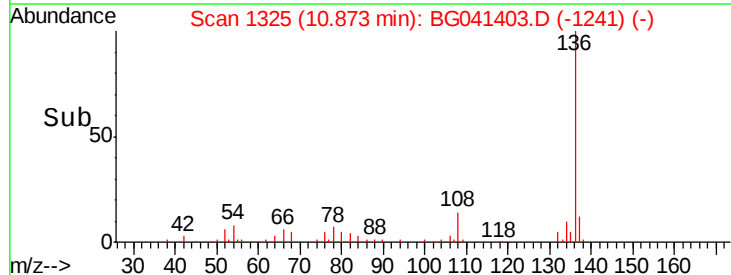
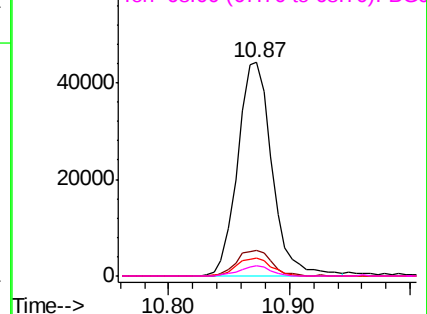
137 12.2 8.8 13.2

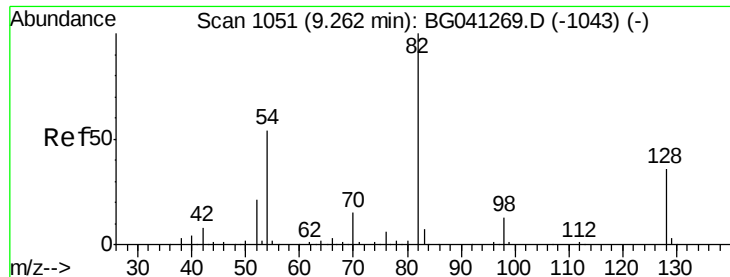
54 8.5 6.4 9.6

68 4.9 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

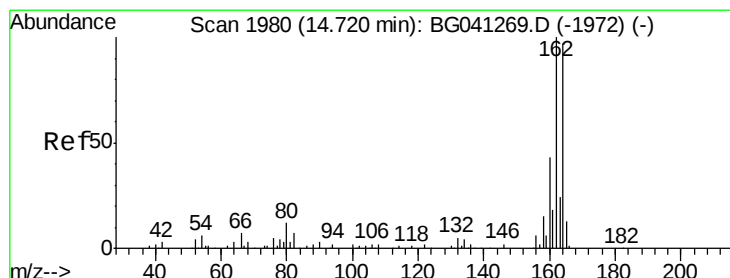
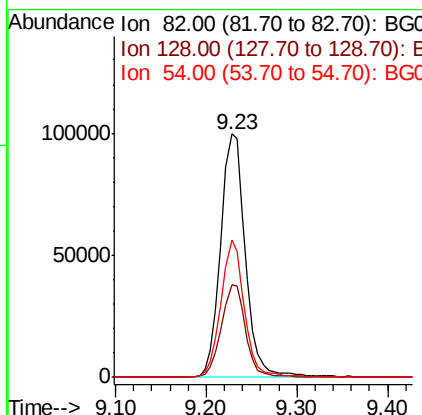
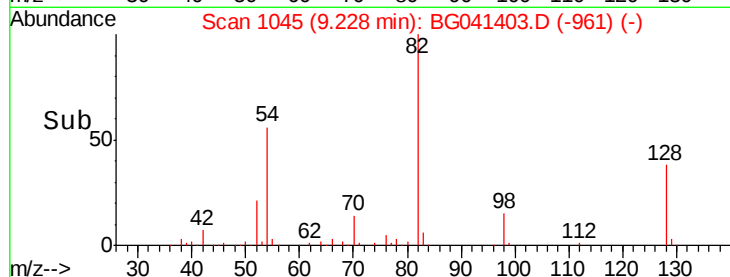
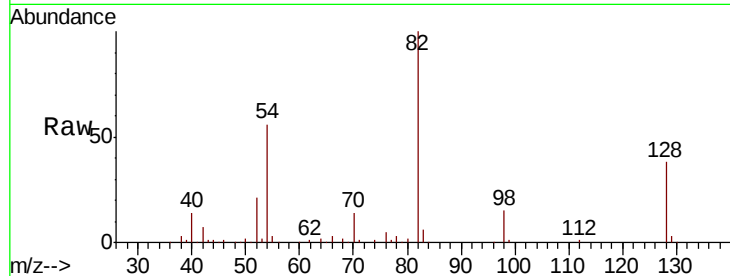




#23
Nitrobenzene-d5
Concen: 90.646 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041403.D
Acq: 22 Jun 2019 15:04

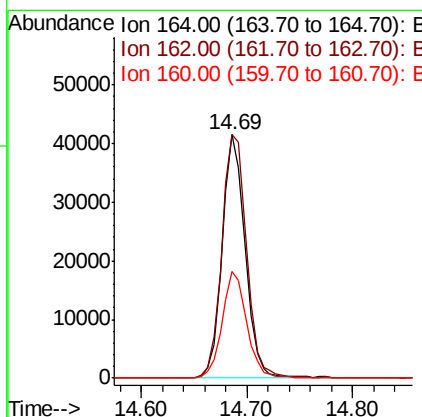
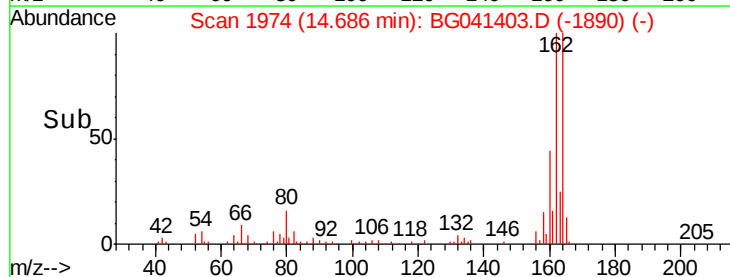
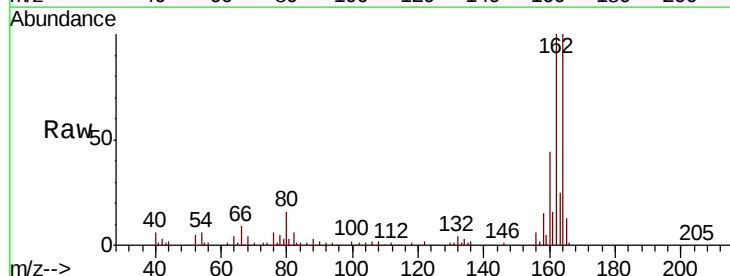
Instrument :
BNA_G
ClientSampleId :
SAMPLE-4

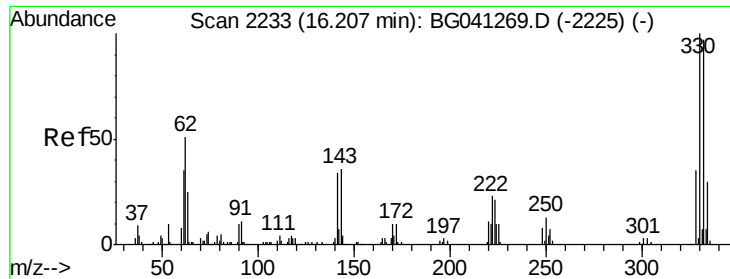
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.2	43.8
54	56.3	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041403.D
Acq: 22 Jun 2019 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.8	124.2
160	43.7	35.8	53.8

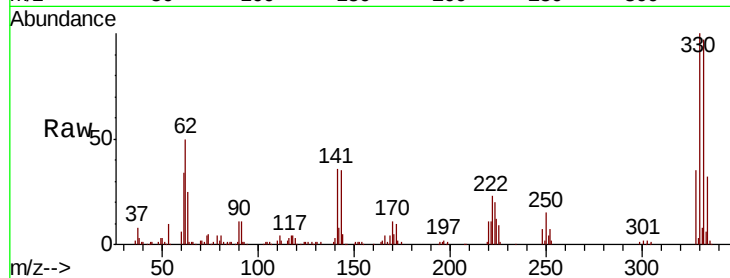




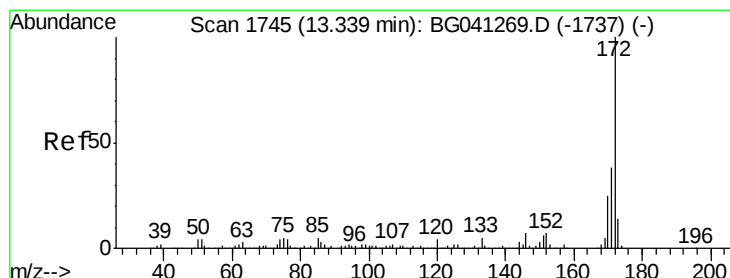
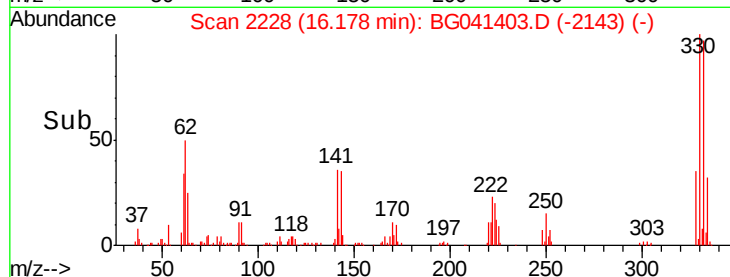
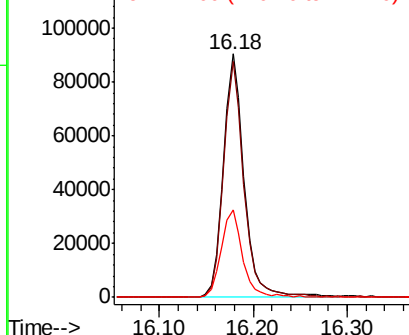
#42
 2,4,6-Tribromophenol
 Concen: 144.646 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.03 min
 Lab File: BG041403.D
 Acq: 22 Jun 2019 15:04

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-4

Tot Ion:330 Resp: 139312
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 36.9 29.0 43.4

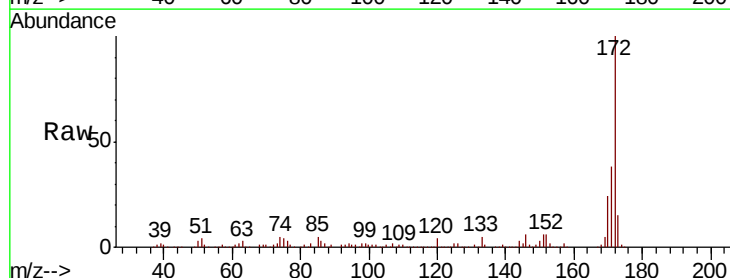


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

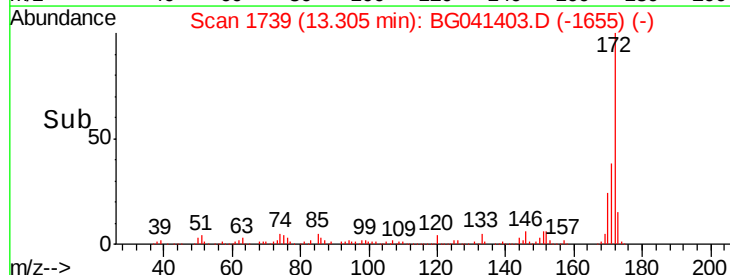
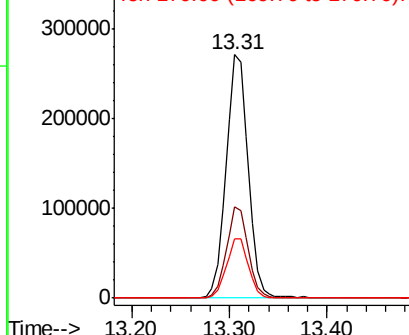


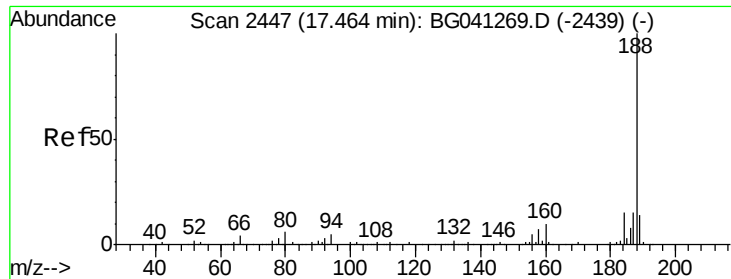
#45
 2-Fluorobiphenyl
 Concen: 91.697 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041403.D
 Acq: 22 Jun 2019 15:04

Tgt Ion:172 Resp: 423250
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.5 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

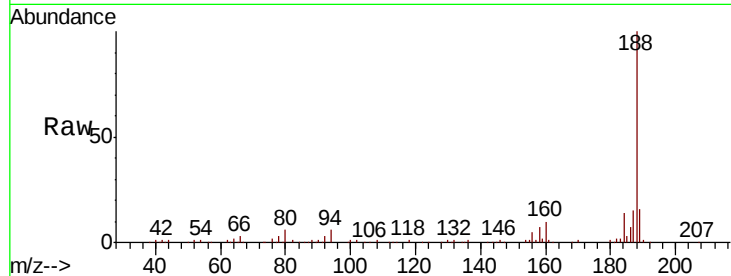




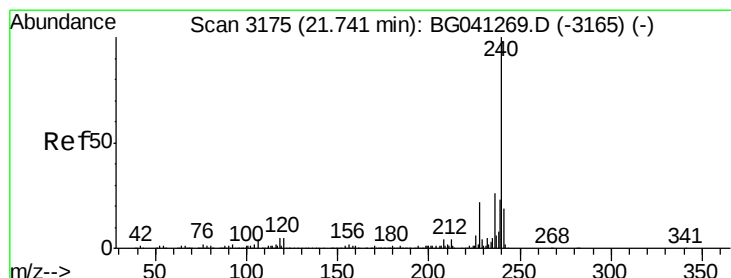
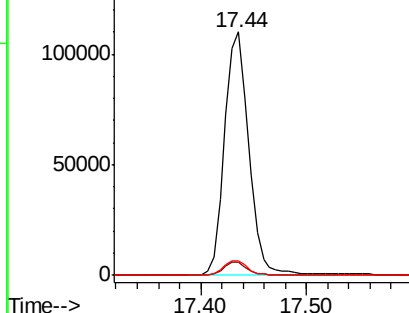
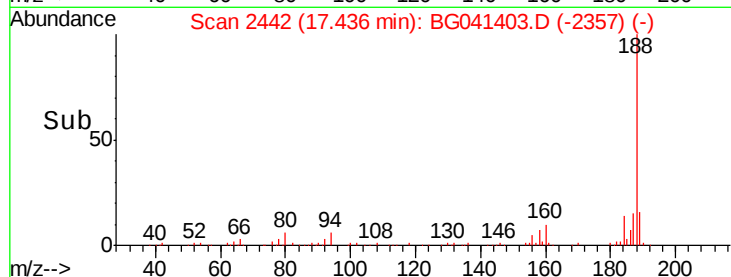
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.03 min
Lab File: BG041403.D
Acq: 22 Jun 2019 15:04

Instrument :
BNA_G
ClientSampleId :
SAMPLE-4

Tot Ion:188 Resp: 175664
Ion Ratio Lower Upper
188 100
94 5.6 3.6 5.4#
80 5.8 4.8 7.2

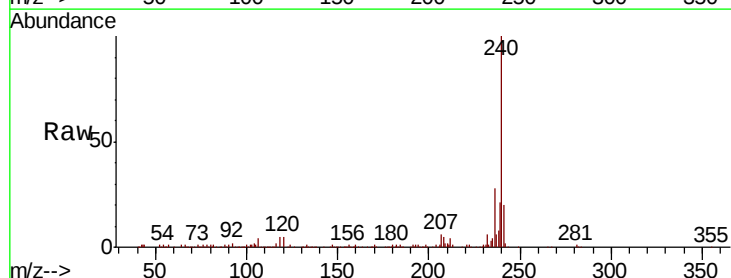


Abundance Ion 188.00 (187.70 to 188.70): E
150000
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

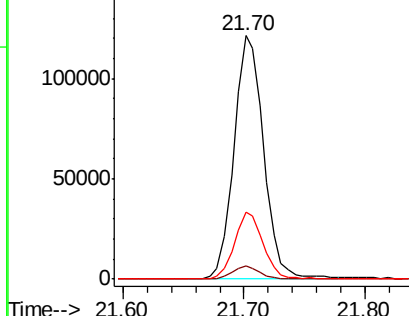
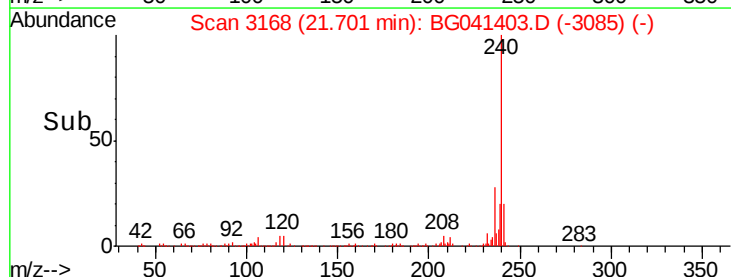


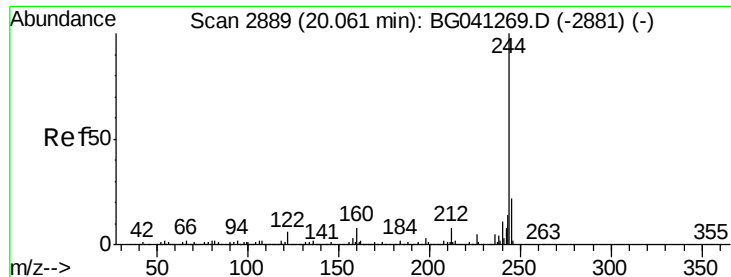
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041403.D
Acq: 22 Jun 2019 15:04

Tgt Ion:240 Resp: 207674
Ion Ratio Lower Upper
240 100
120 5.4 3.7 5.5
236 27.6 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
150000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.743 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041403.D

Acq: 22 Jun 2019 15:04

Instrument :

BNA_G

ClientSampleId :

SAMPLE-4

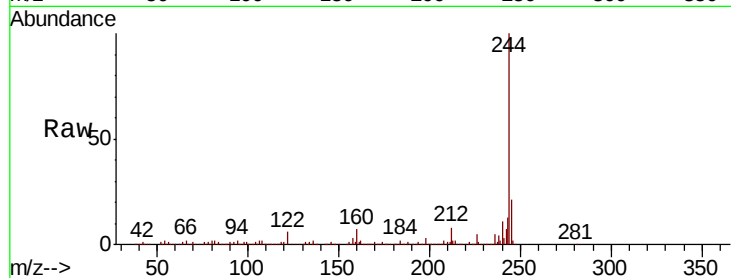
Tot Ion:244 Resp: 950902

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

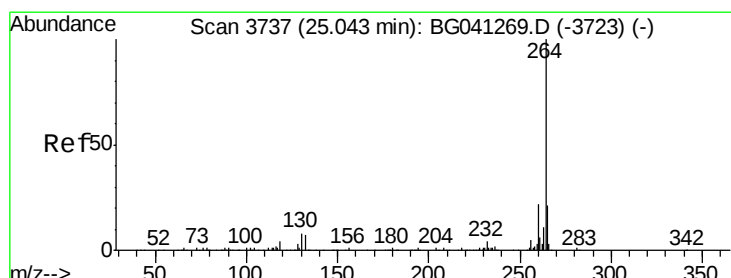
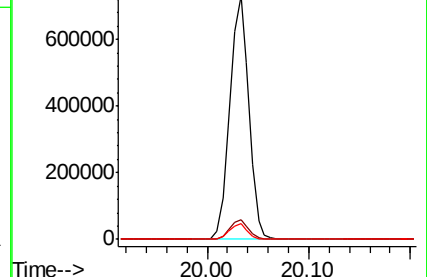
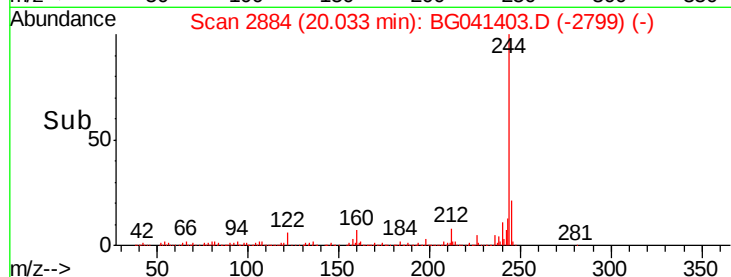
122 6.5 5.0 7.4



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: BG041403.D

Acq: 22 Jun 2019 15:04

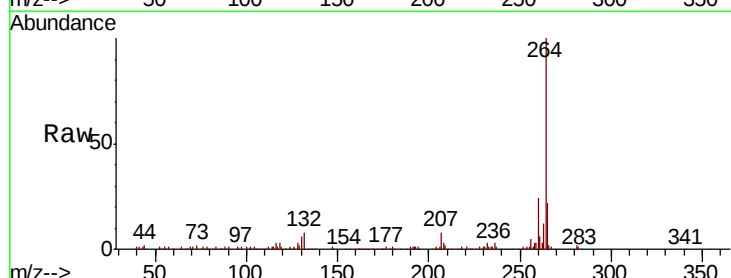
Tgt Ion:264 Resp: 229647

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.2

265 22.1 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

