

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041345.D
 Acq On : 20 Jun 2019 3:43
 Operator : HP/JU
 Sample : K3421-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-2

Quant Time: Jun 20 06:00:17 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	8.08	152	40482	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	150516	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	104670	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255361	20.00	ng	0.00
76) Chrysene-d12	21.74	240	240880	20.00	ng	0.00
87) Perylene-d12	25.06	264	233446	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	280868	127.48	ng	0.00
7) Phenol-d6	7.24	99	359919	112.70	ng	0.00
23) Nitrobenzene-d5	9.26	82	337296	94.25	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	213949	133.14	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	754218	97.94	ng	0.00
79) Terphenyl-d14	20.06	244	1209581	99.52	ng	0.00

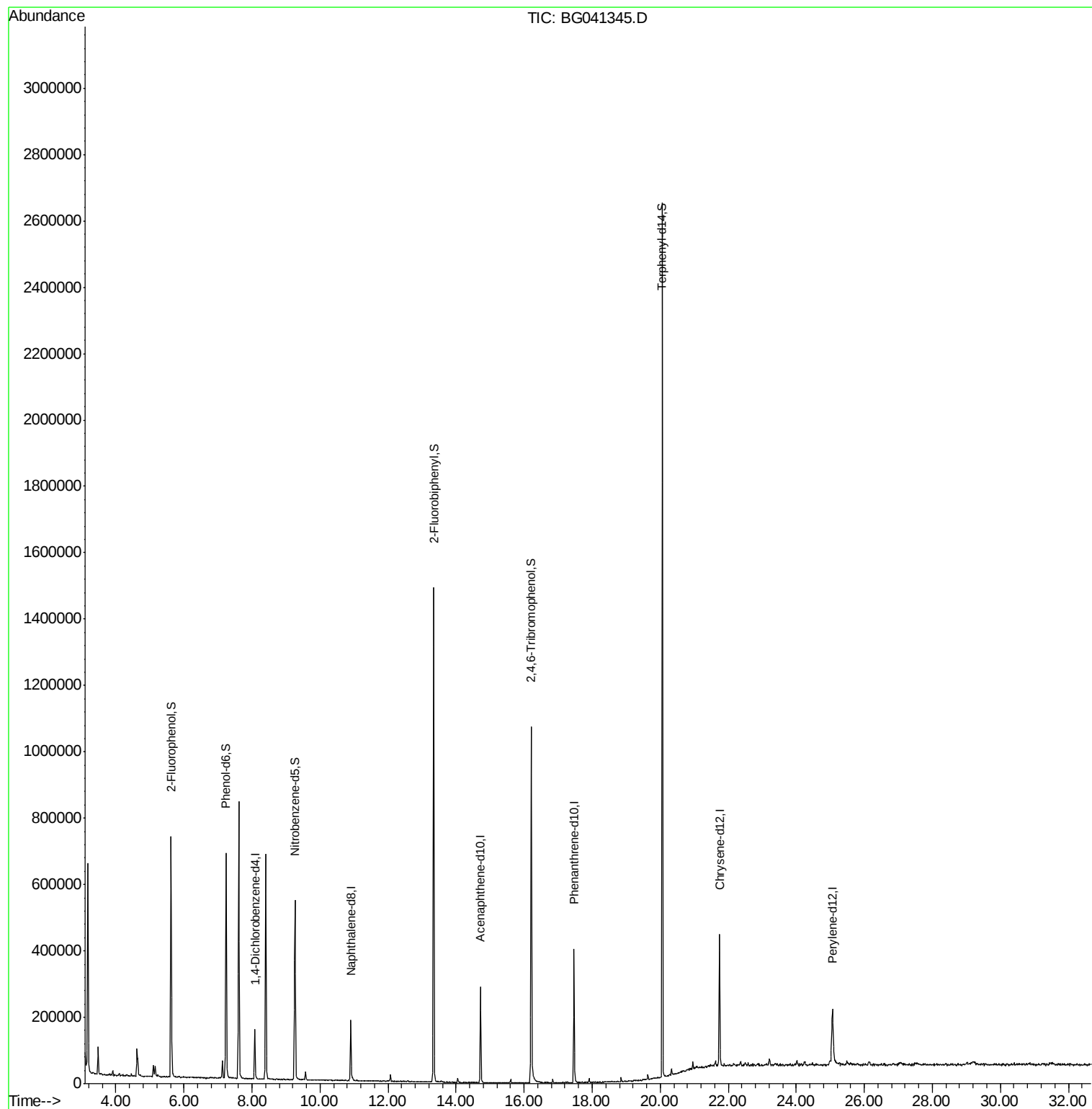
Target Compounds Qvalue

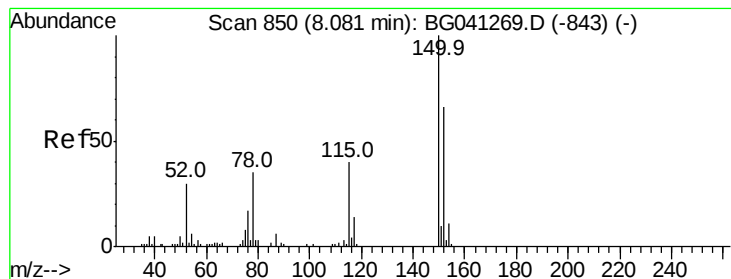
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

Instrument :

BNA_G

ClientSampleId :

SAMPLE-2

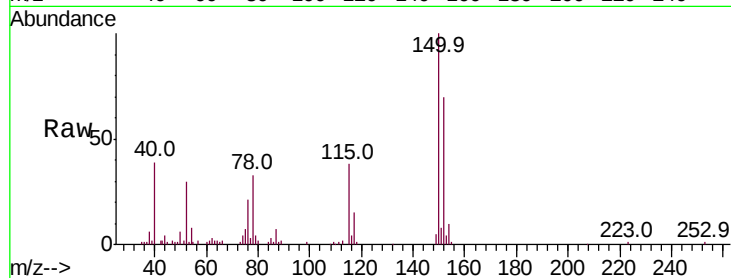
Tot Ion:152 Resp: 40482

Ion Ratio Lower Upper

152 100

150 142.0 120.6 181.0

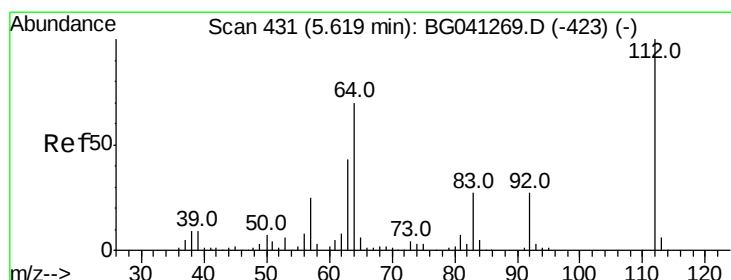
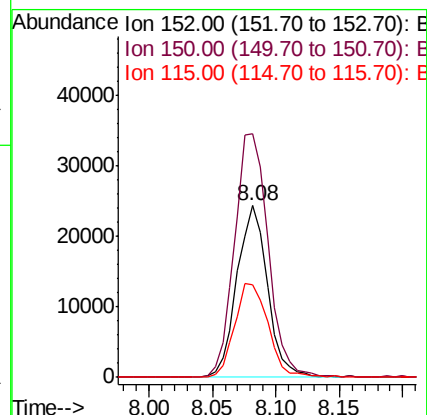
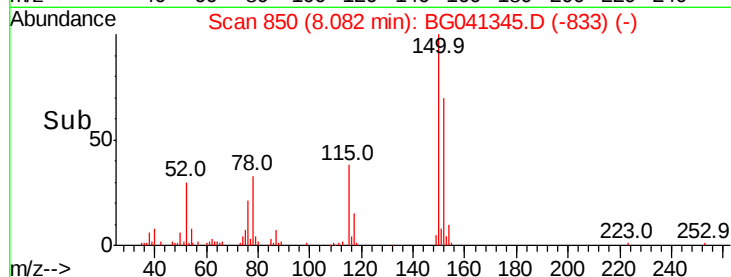
115 54.2 47.9 71.9



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: 127.482 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

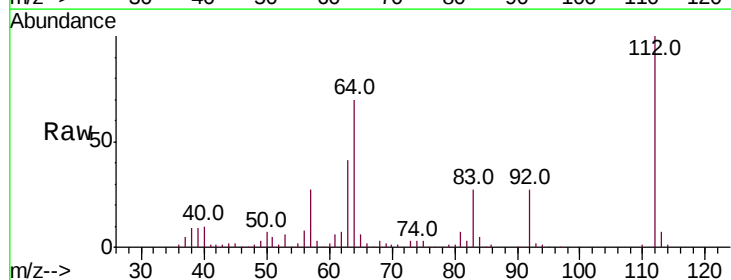
Tgt Ion:112 Resp: 280868

Ion Ratio Lower Upper

112 100

64 70.4 55.9 83.9

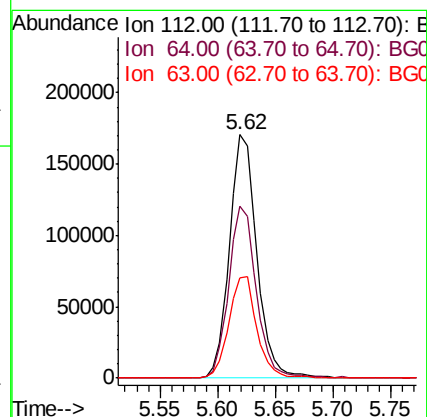
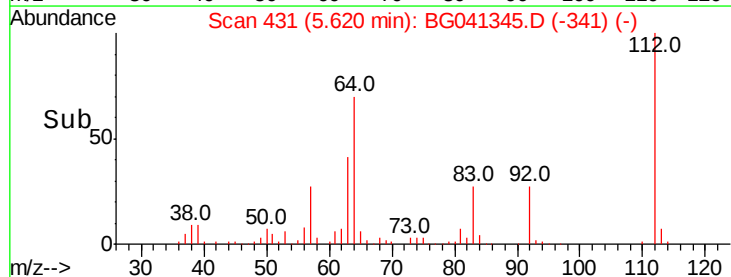
63 41.1 34.6 51.8

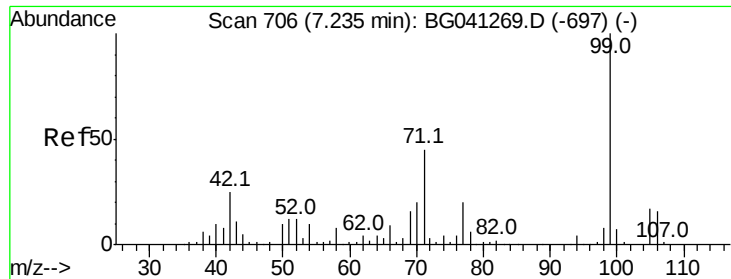


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.701 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

Instrument :

BNA_G

ClientSampleId :

SAMPLE-2

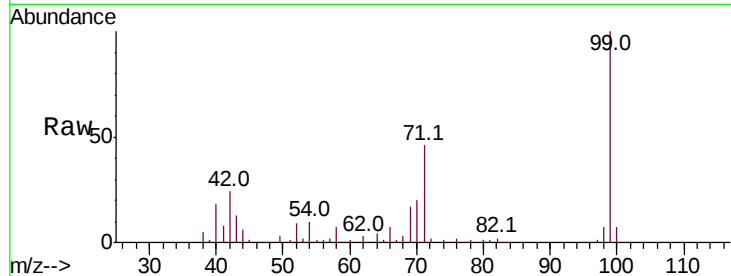
Tot Ion: 99 Resp: 359919

Ion Ratio Lower Upper

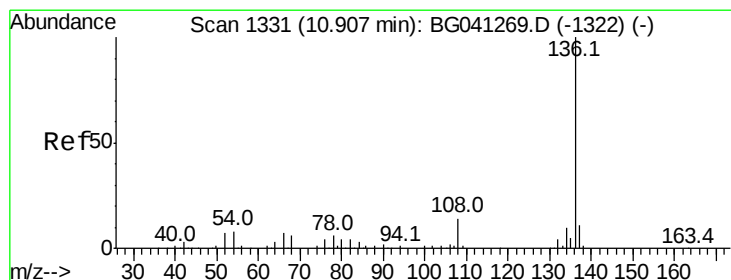
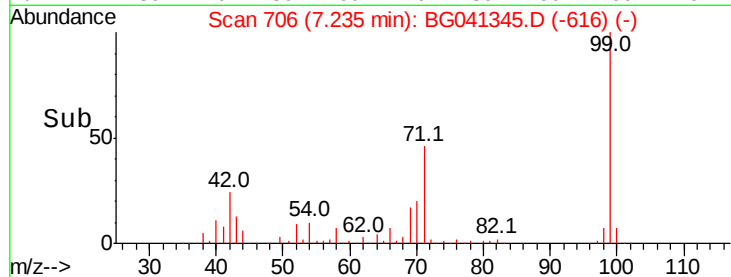
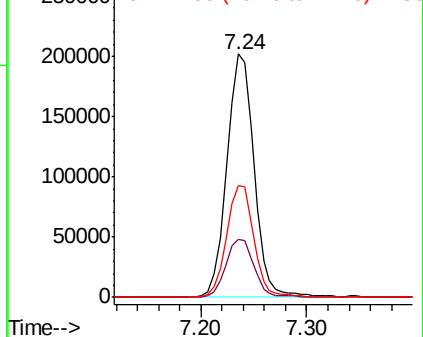
99 100

42 23.7 19.9 29.9

71 45.9 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: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

Tgt Ion: 136 Resp: 150516

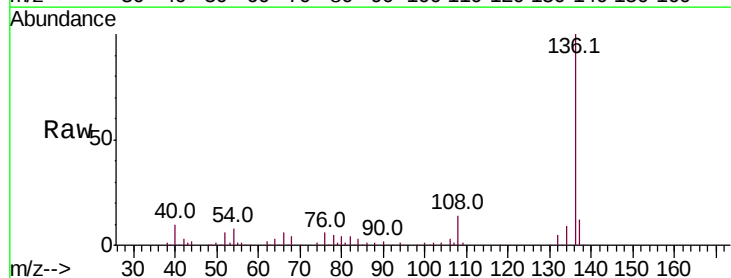
Ion Ratio Lower Upper

136 100

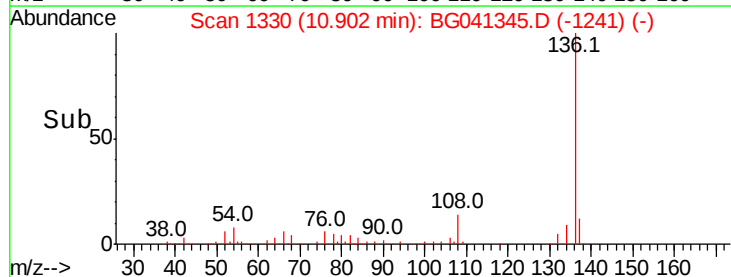
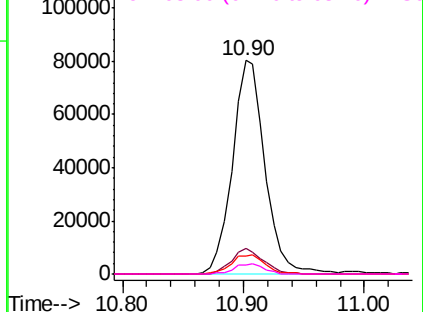
137 11.9 8.8 13.2

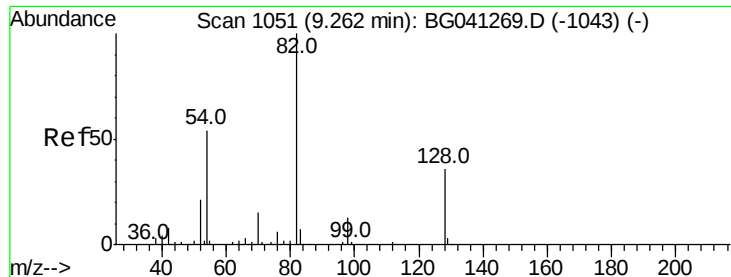
54 8.2 6.4 9.6

68 4.5 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

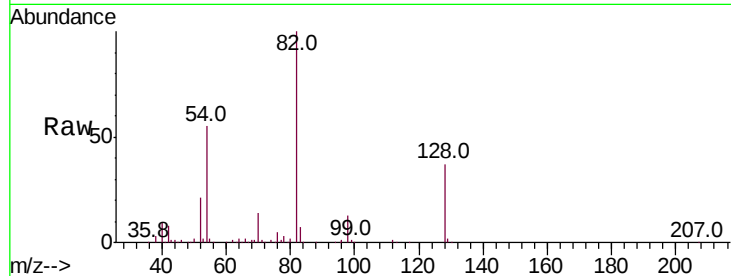




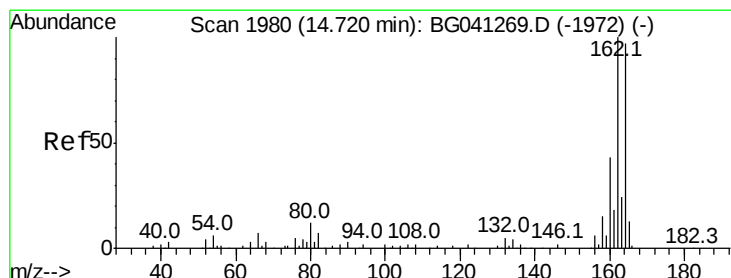
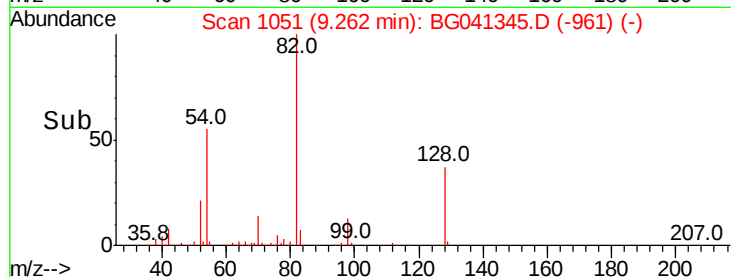
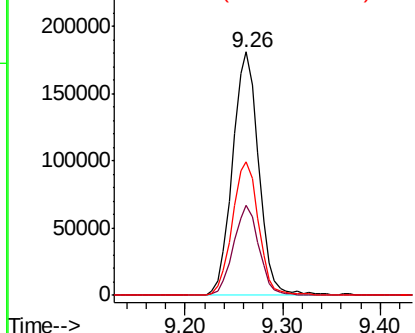
#23
 Nitrobenzene-d5
 Concen: 94.245 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041345.D
 Acq: 20 Jun 2019 3:43

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-2

Tot Ion: 82 Resp: 337296
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.2 43.8
 54 54.7 43.4 65.0

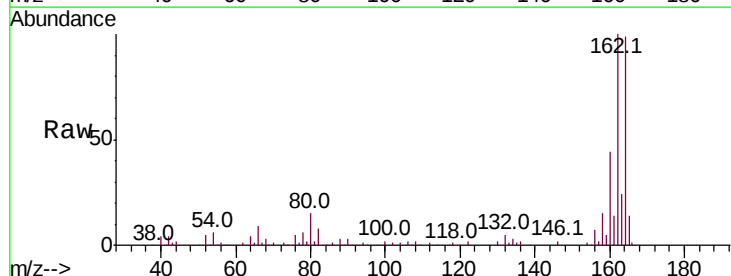


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

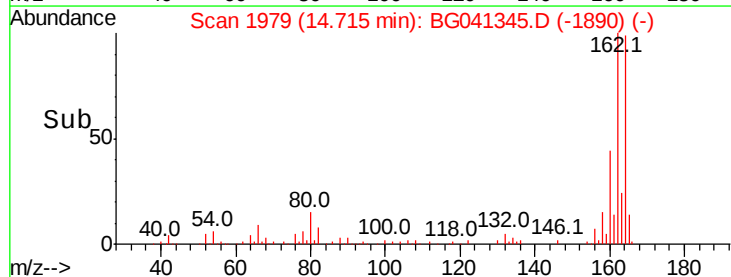
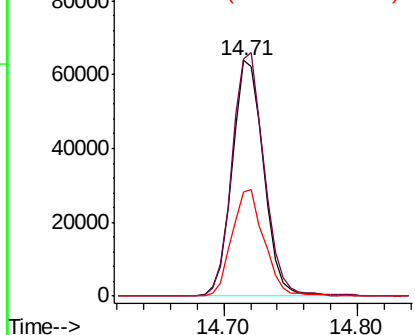


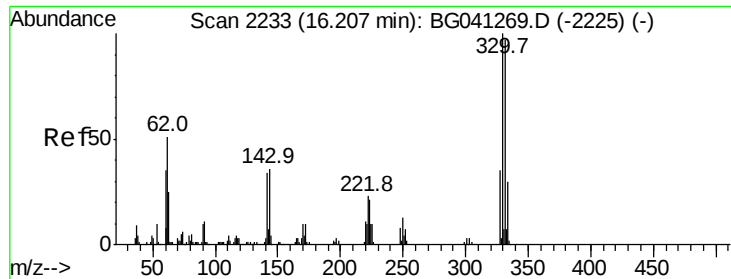
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041345.D
 Acq: 20 Jun 2019 3:43

Tgt Ion: 164 Resp: 104670
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.8 124.2
 160 44.2 35.8 53.8



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

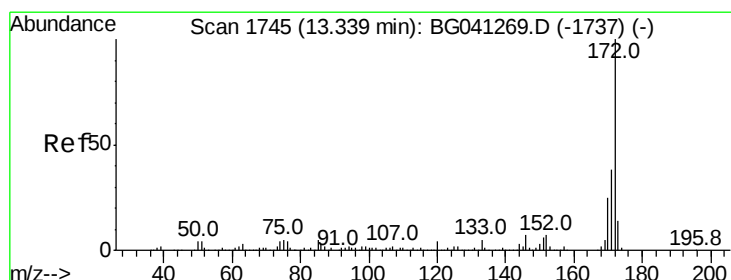
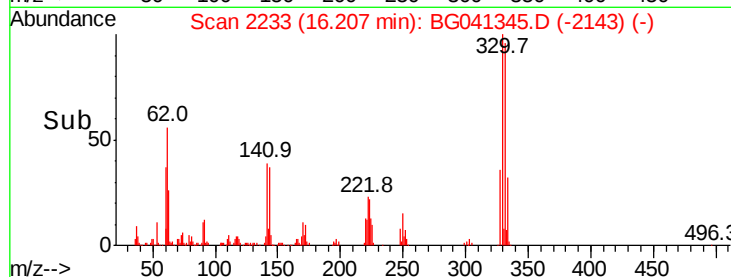
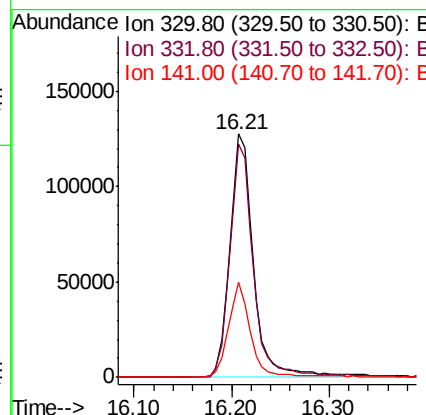
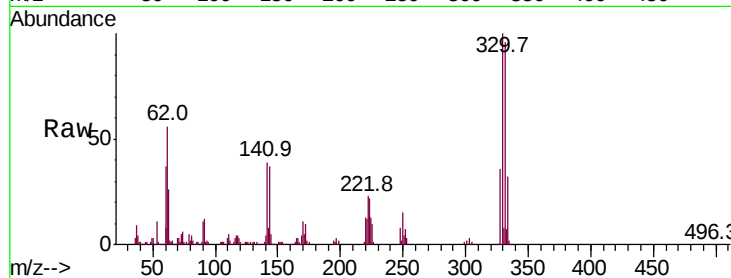




#42
2,4,6-Tribromophenol
Concen: 133.143 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

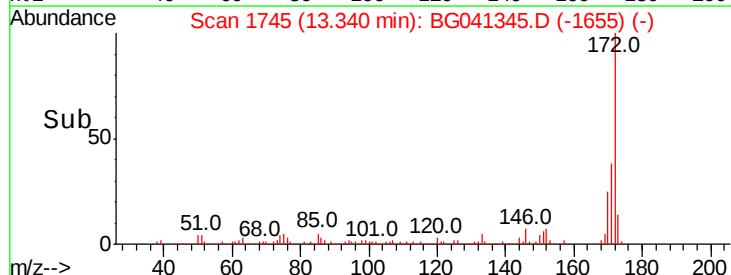
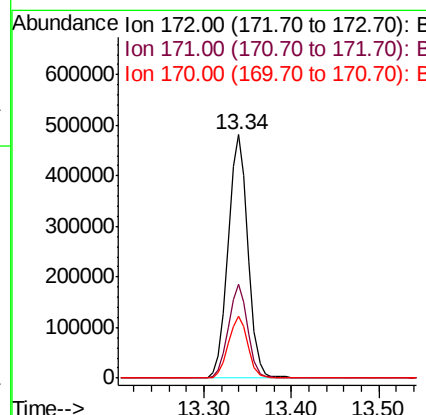
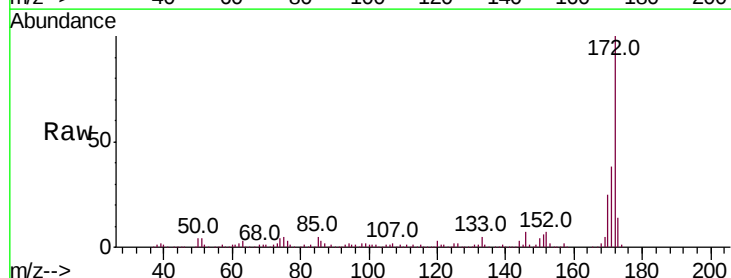
Instrument :
BNA_G
ClientSampleId :
SAMPLE-2

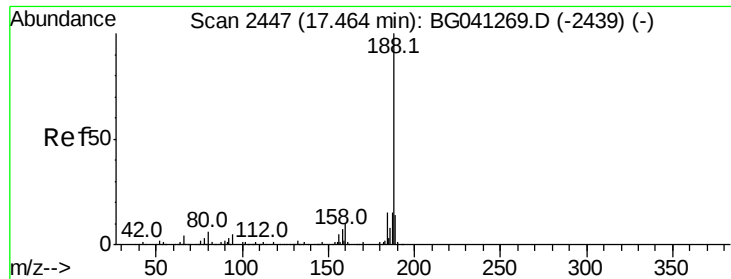
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.5	113.3
141	36.8	29.0	43.4



#45
2-Fluorobiphenyl
Concen: 97.936 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041345.D
Acq: 20 Jun 2019 3:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.3	19.8	29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

Instrument :

BNA_G

ClientSampleId :

SAMPLE-2

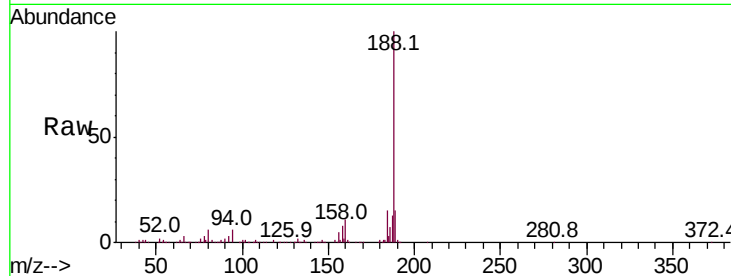
Tot Ion:188 Resp: 255361

Ion Ratio Lower Upper

188 100

94 5.9 3.6 5.4#

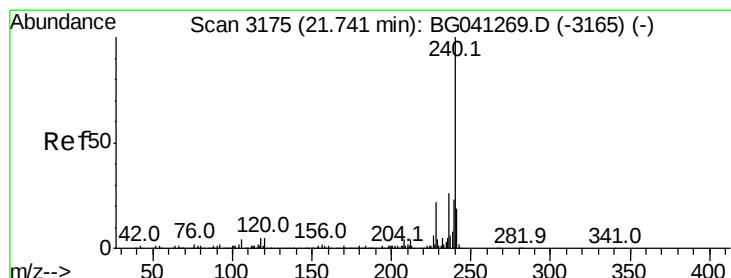
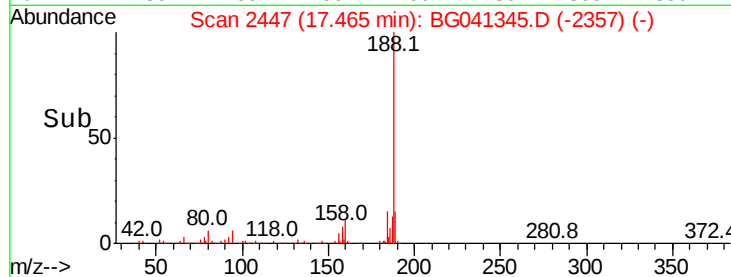
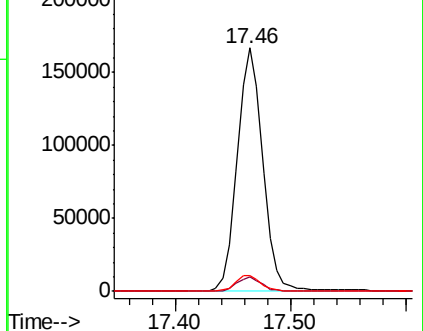
80 6.4 4.8 7.2



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: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

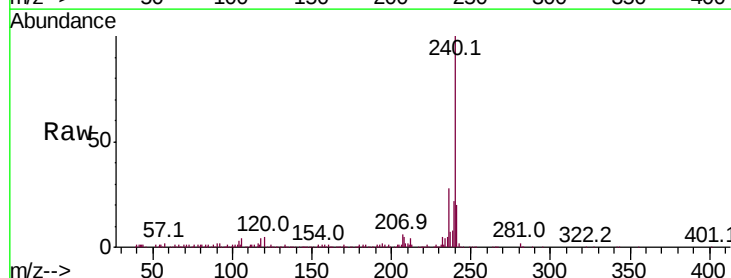
Tgt Ion:240 Resp: 240880

Ion Ratio Lower Upper

240 100

120 4.8 3.7 5.5

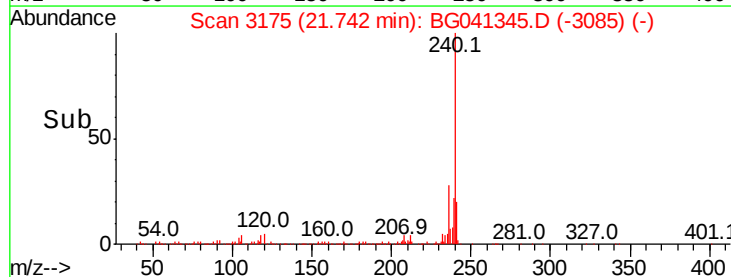
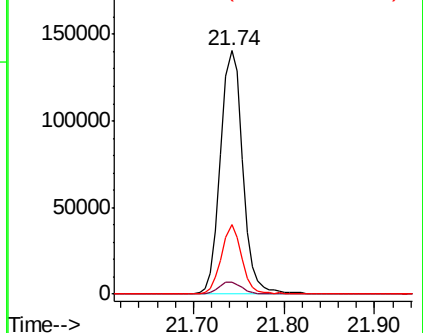
236 28.4 21.1 31.7

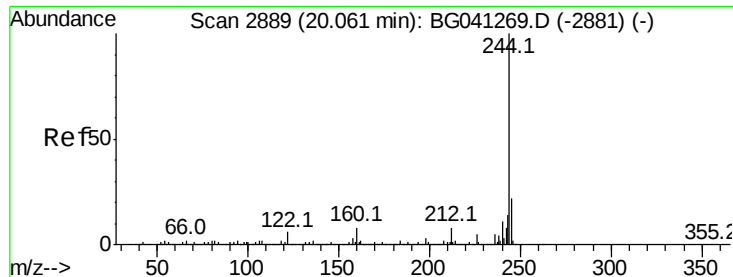


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.516 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

Instrument :

BNA_G

ClientSampleId :

SAMPLE-2

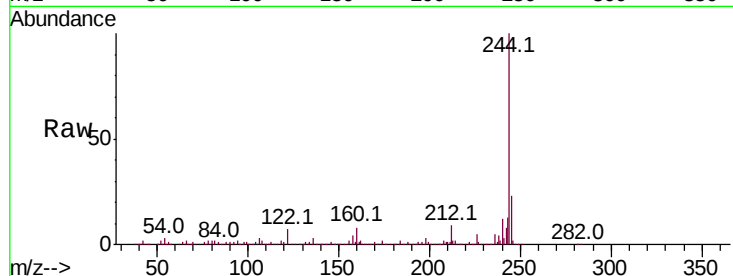
Tot Ion:244 Resp: 1209581

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

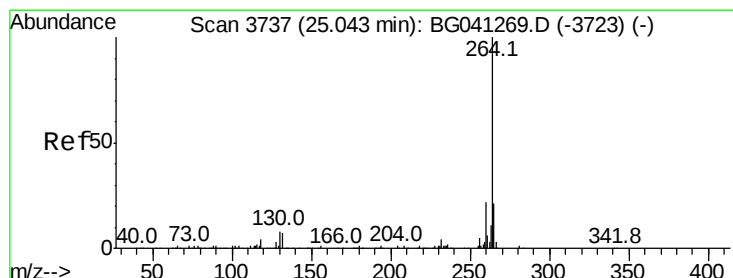
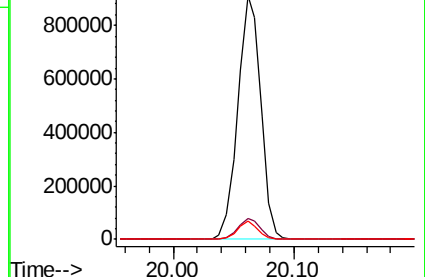
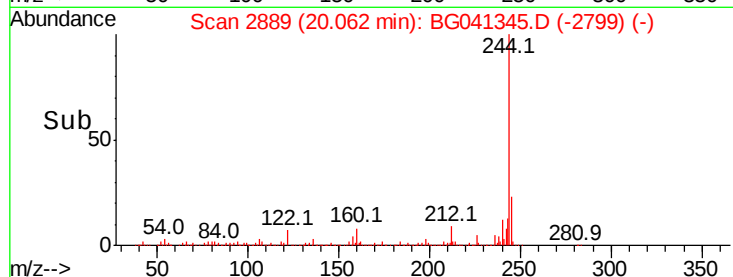
122 7.4 5.0 7.4



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: 25.06 min Scan# 3740

Delta R.T. 0.02 min

Lab File: BG041345.D

Acq: 20 Jun 2019 3:43

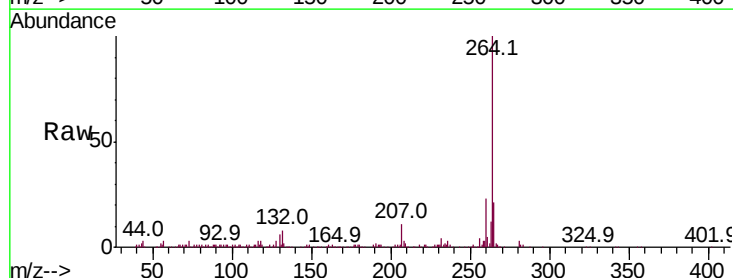
Tgt Ion:264 Resp: 233446

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.2

265 20.5 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

