

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041346.D
 Acq On : 20 Jun 2019 4:21
 Operator : HP/JU
 Sample : K3157-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-D

Quant Time: Jun 20 06:35:26 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	43435	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	159448	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109698	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	264813	20.00	ng	0.00
76) Chrysene-d12	21.74	240	250427	20.00	ng	0.00
87) Perylene-d12	25.06	264	244182	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286146	121.05	ng	0.00
7) Phenol-d6	7.24	99	355919	103.87	ng	0.00
23) Nitrobenzene-d5	9.26	82	349080	92.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	223940	132.97	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	788722	97.72	ng	0.00
79) Terphenyl-d14	20.06	244	1227080	97.11	ng	0.00

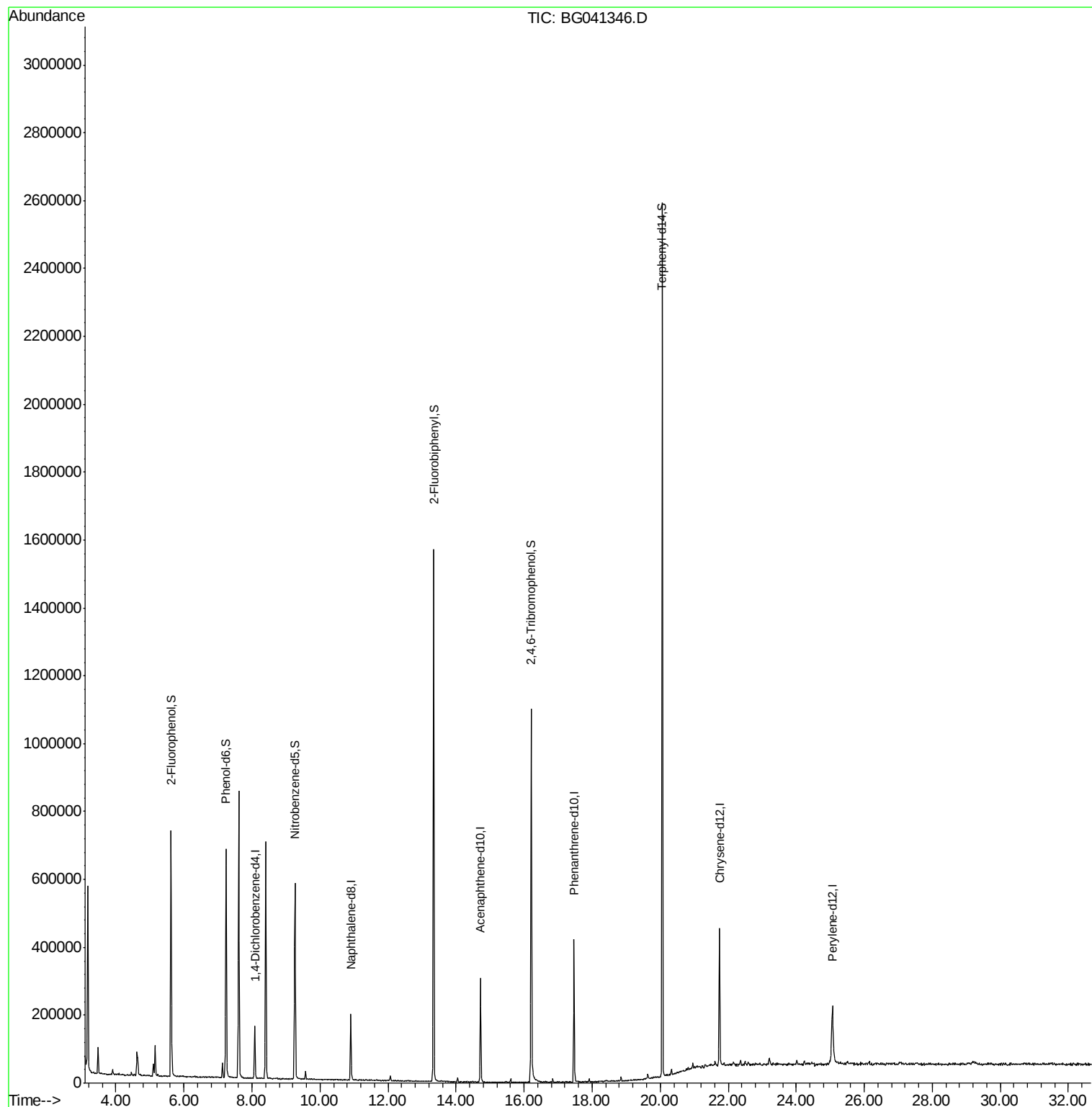
Target Compounds Qvalue

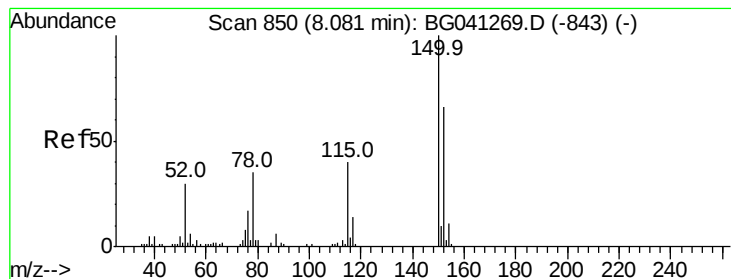
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041346.D

Acq: 20 Jun 2019 4:21

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-D

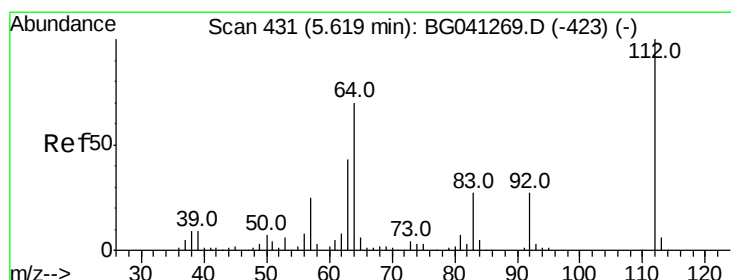
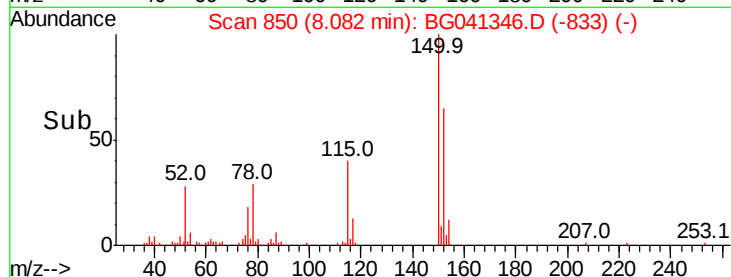
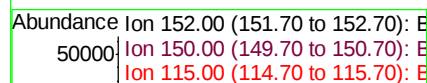
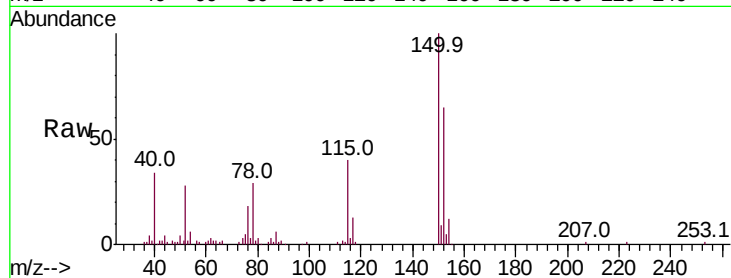
Tot Ion:152 Resp: 43435

Ion Ratio Lower Upper

152 100

150 153.1 120.6 181.0

115 60.5 47.9 71.9



#5

2-Fluorophenol

Concen: 121.047 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041346.D

Acq: 20 Jun 2019 4:21

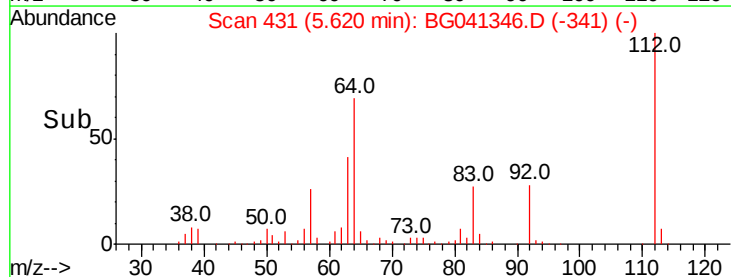
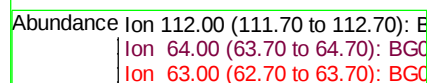
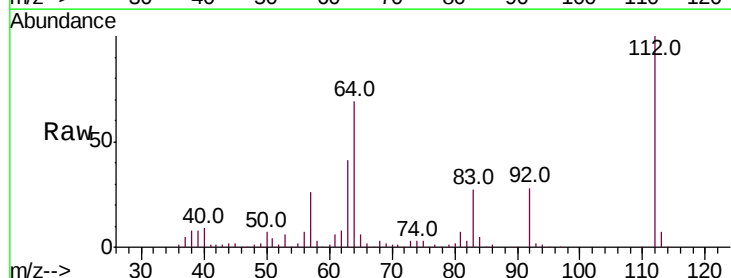
Tgt Ion:112 Resp: 286146

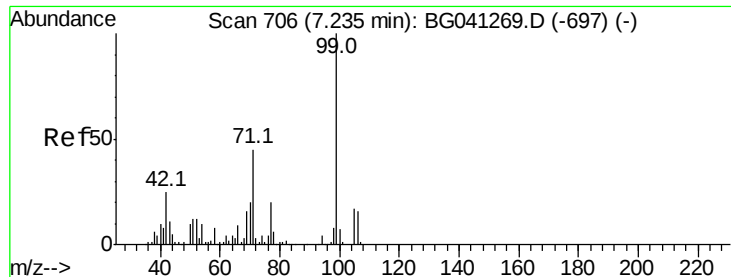
Ion Ratio Lower Upper

112 100

64 68.7 55.9 83.9

63 41.2 34.6 51.8





#7

Phenol-d6

Concen: 103.872 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041346.D

Acq: 20 Jun 2019 4:21

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-D

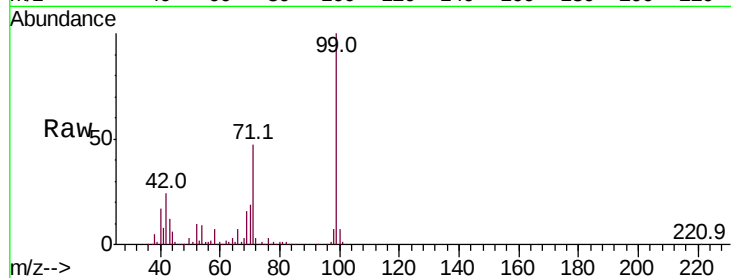
Tot Ion: 99 Resp: 355919

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

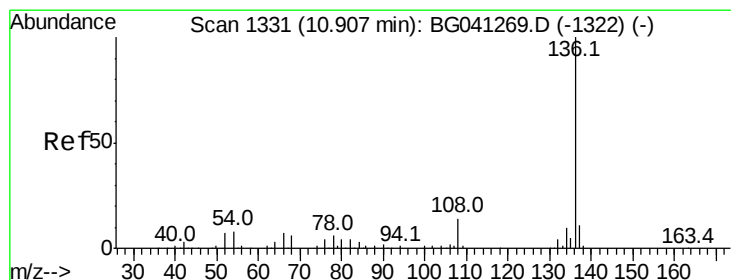
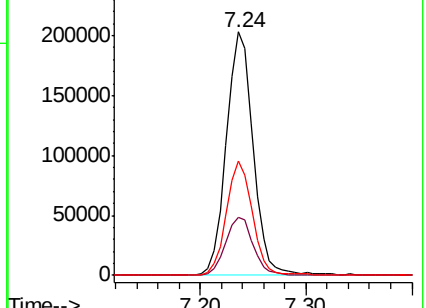
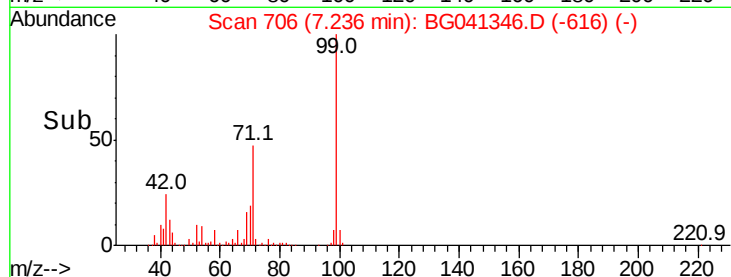
71 46.9 36.4 54.6



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. -0.00 min

Lab File: BG041346.D

Acq: 20 Jun 2019 4:21

Tgt Ion: 136 Resp: 159448

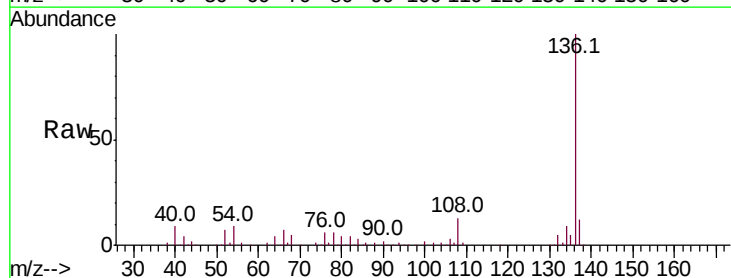
Ion Ratio Lower Upper

136 100

137 12.2 8.8 13.2

54 8.9 6.4 9.6

68 5.0 4.8 7.2

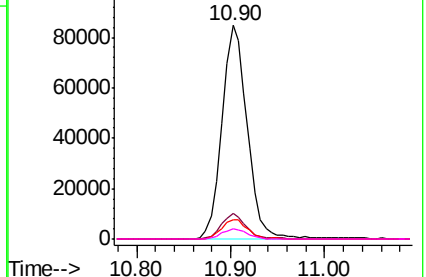
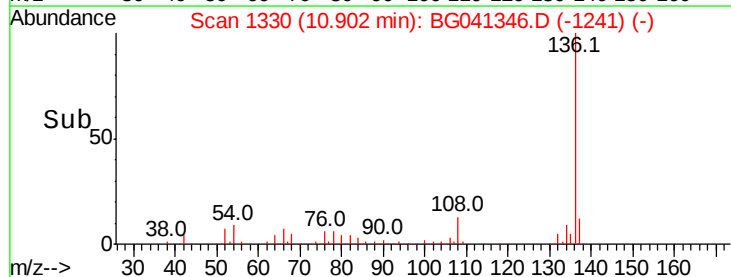


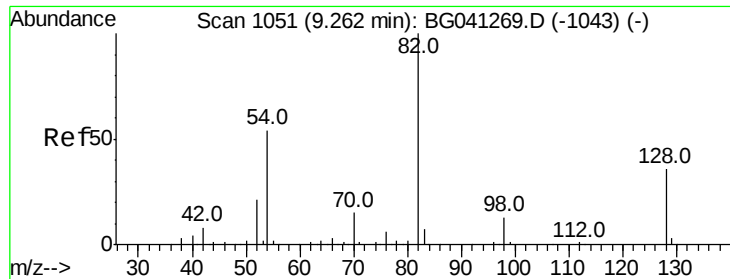
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

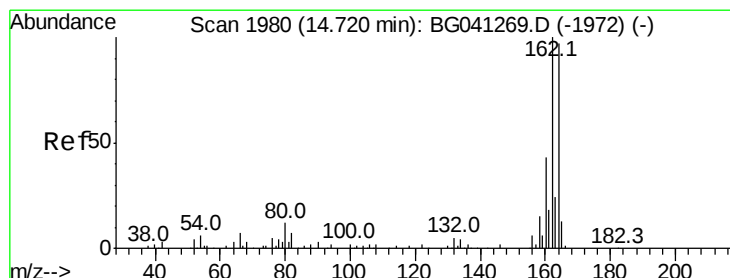
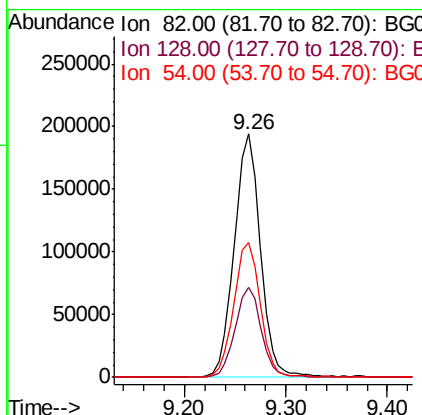
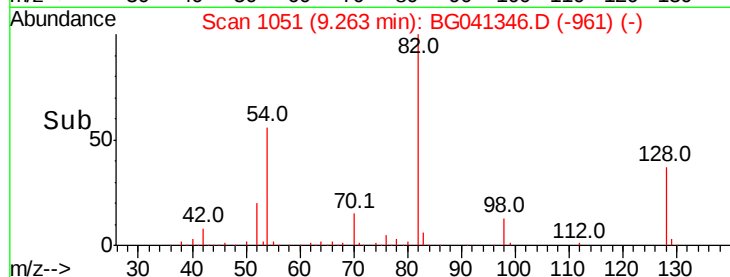
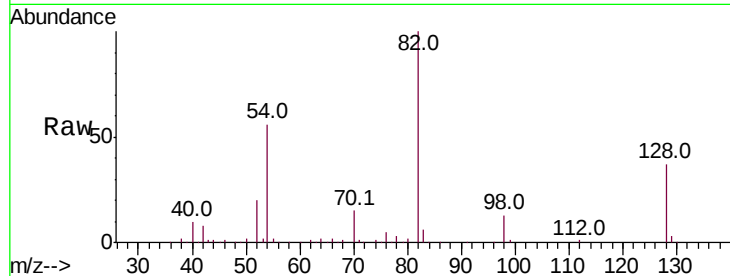




#23
Nitrobenzene-d5
Concen: 92.074 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041346.D
Acq: 20 Jun 2019 4:21

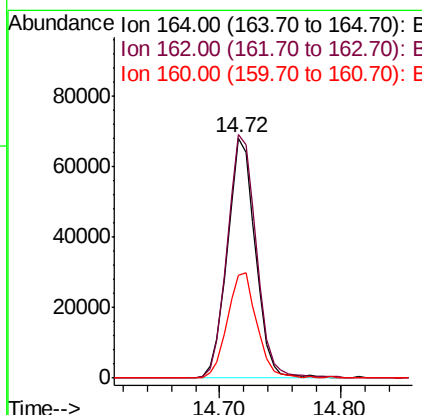
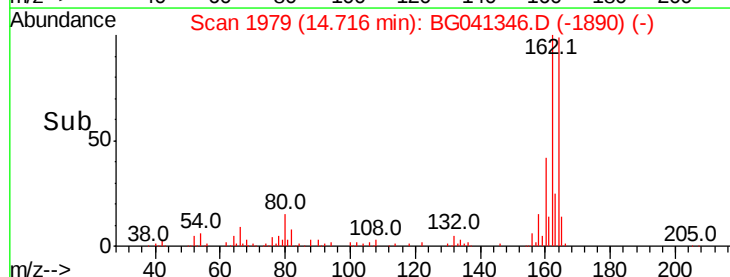
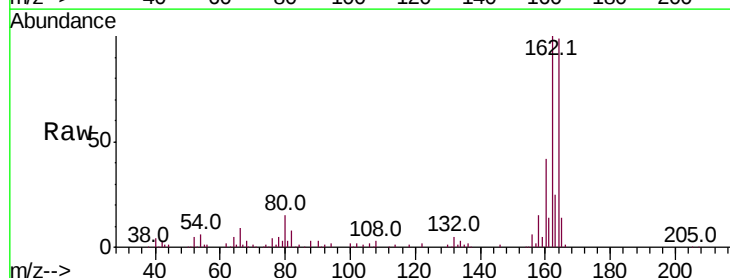
Instrument :
BNA_G
ClientSampleId :
CL-01-061719-D

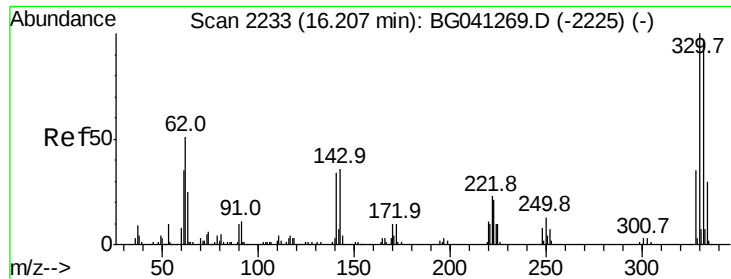
Tot Ion: 82 Resp: 349080
Ion Ratio Lower Upper
82 100
128 36.7 29.2 43.8
54 55.6 43.4 65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041346.D
Acq: 20 Jun 2019 4:21

Tgt Ion:164 Resp: 109698
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 42.9 35.8 53.8

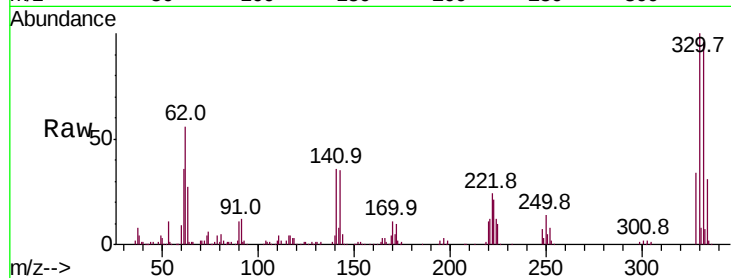




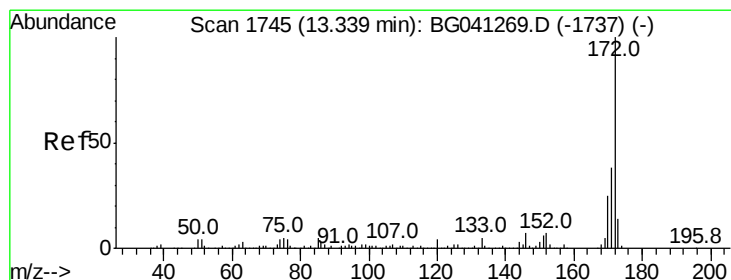
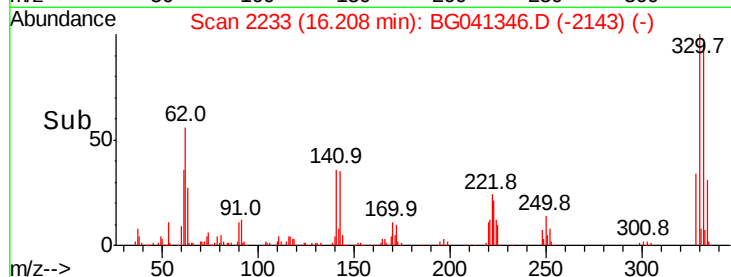
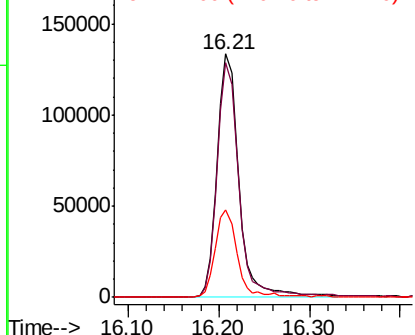
#42
 2,4,6-Tribromophenol
 Concen: 132.973 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041346.D
 Acq: 20 Jun 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.5	113.3
141	36.4	29.0	43.4

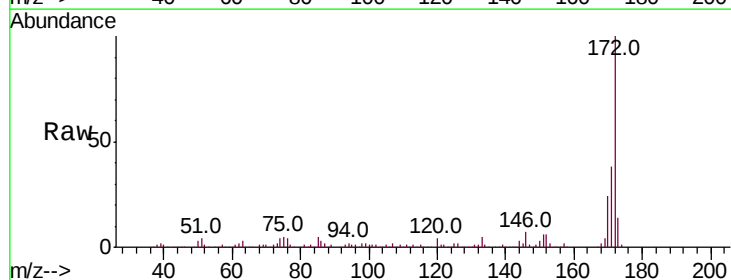


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

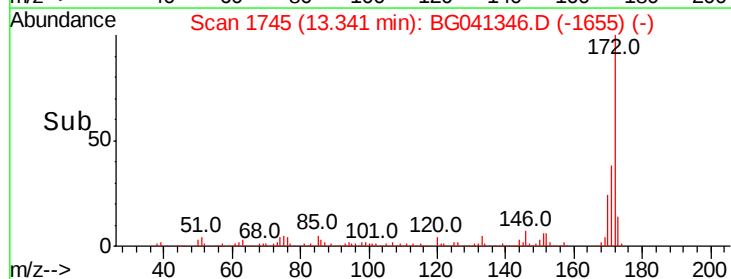
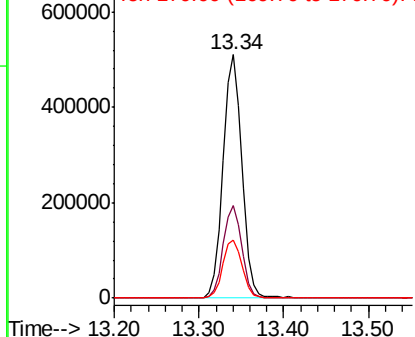


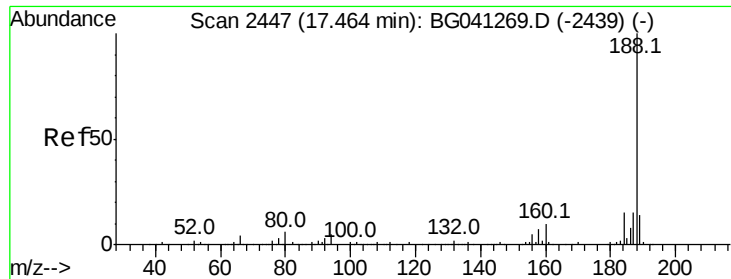
#45
 2-Fluorobiphenyl
 Concen: 97.722 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041346.D
 Acq: 20 Jun 2019 4:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.1	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

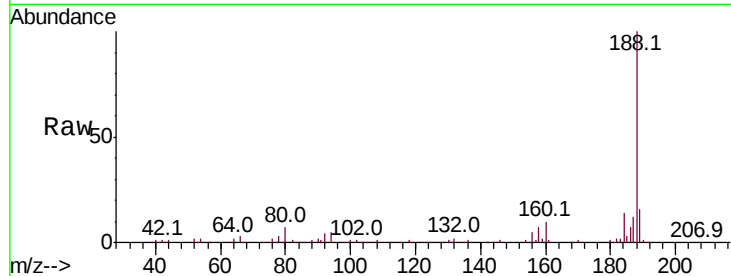




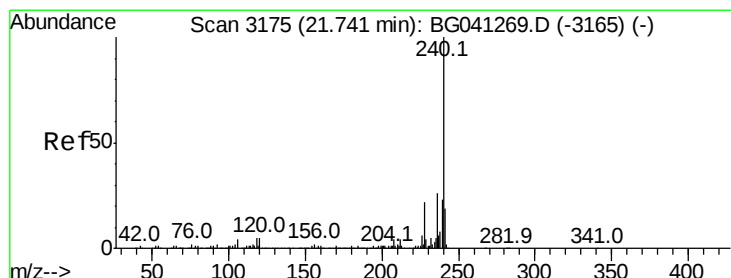
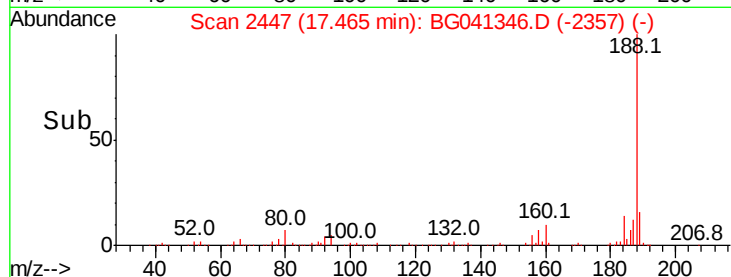
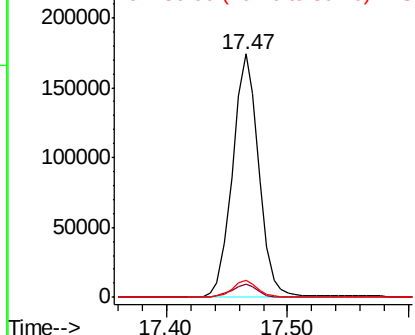
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG041346.D
 Acq: 20 Jun 2019 4:21

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-D

Tot Ion:188 Resp: 264813
 Ion Ratio Lower Upper
 188 100
 94 5.4 3.6 5.4#
 80 6.9 4.8 7.2

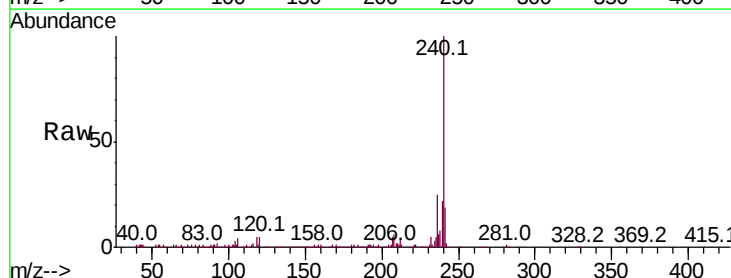


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

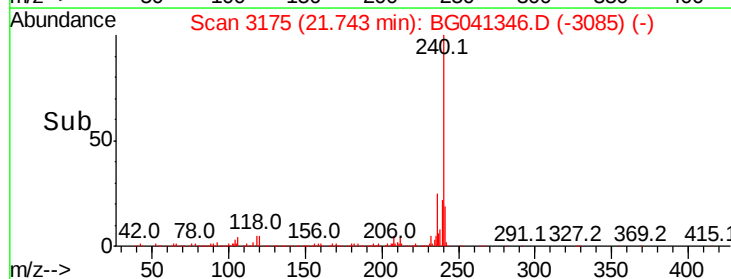
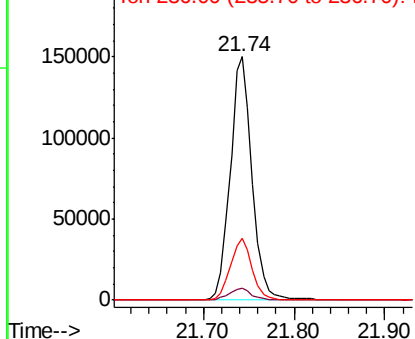


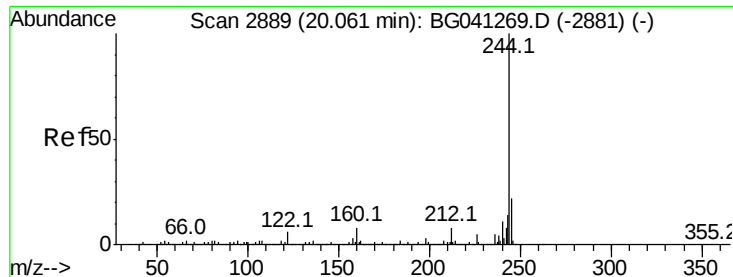
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG041346.D
 Acq: 20 Jun 2019 4:21

Tgt Ion:240 Resp: 250427
 Ion Ratio Lower Upper
 240 100
 120 4.8 3.7 5.5
 236 25.3 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: 97.107 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041346.D

Acq: 20 Jun 2019 4:21

Instrument :

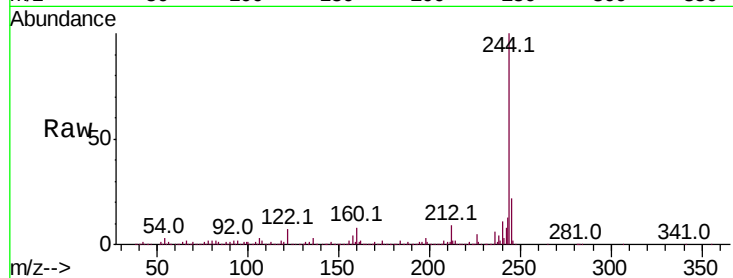
BNA_G

ClientSampleId :

CL-01-061719-D

Tot Ion:244 Resp: 1227080

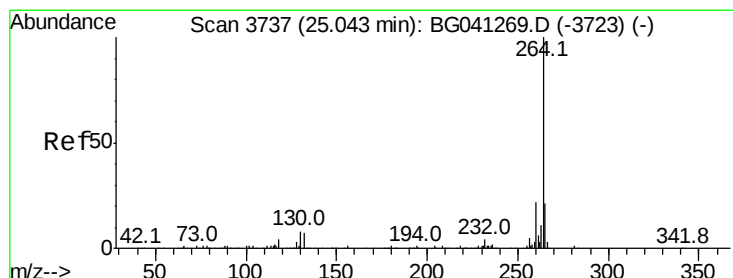
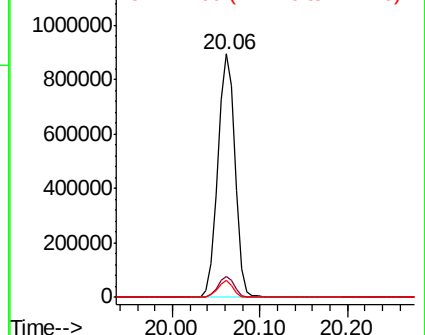
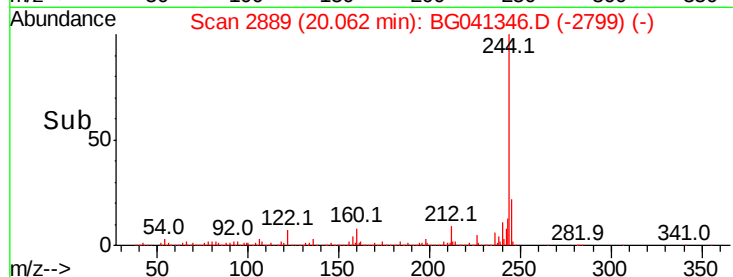
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	10.0
122	7.0	5.0	7.4



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

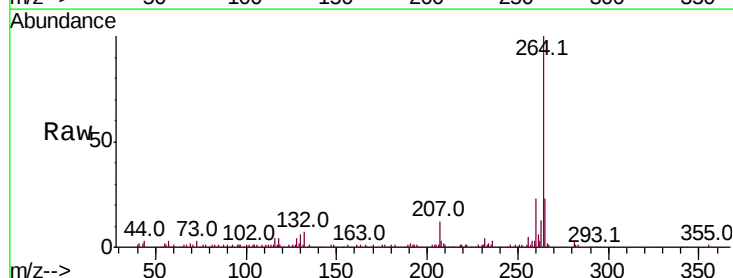
Delta R.T. 0.02 min

Lab File: BG041346.D

Acq: 20 Jun 2019 4:21

Tgt Ion:264 Resp: 244182

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.2
265	23.5	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

