

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041347.D
 Acq On : 20 Jun 2019 4:59
 Operator : HP/JU
 Sample : K3157-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 20 06:42:20 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	42779	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157397	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110729	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	261530	20.00	ng	0.00
76) Chrysene-d12	21.74	240	244964	20.00	ng	0.00
87) Perylene-d12	25.06	264	234289	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286816	123.19	ng	0.00
7) Phenol-d6	7.24	99	358782	106.31	ng	0.00
23) Nitrobenzene-d5	9.26	82	349894	93.49	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	216443	127.32	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	785063	96.36	ng	0.00
79) Terphenyl-d14	20.06	244	1234331	99.86	ng	0.00

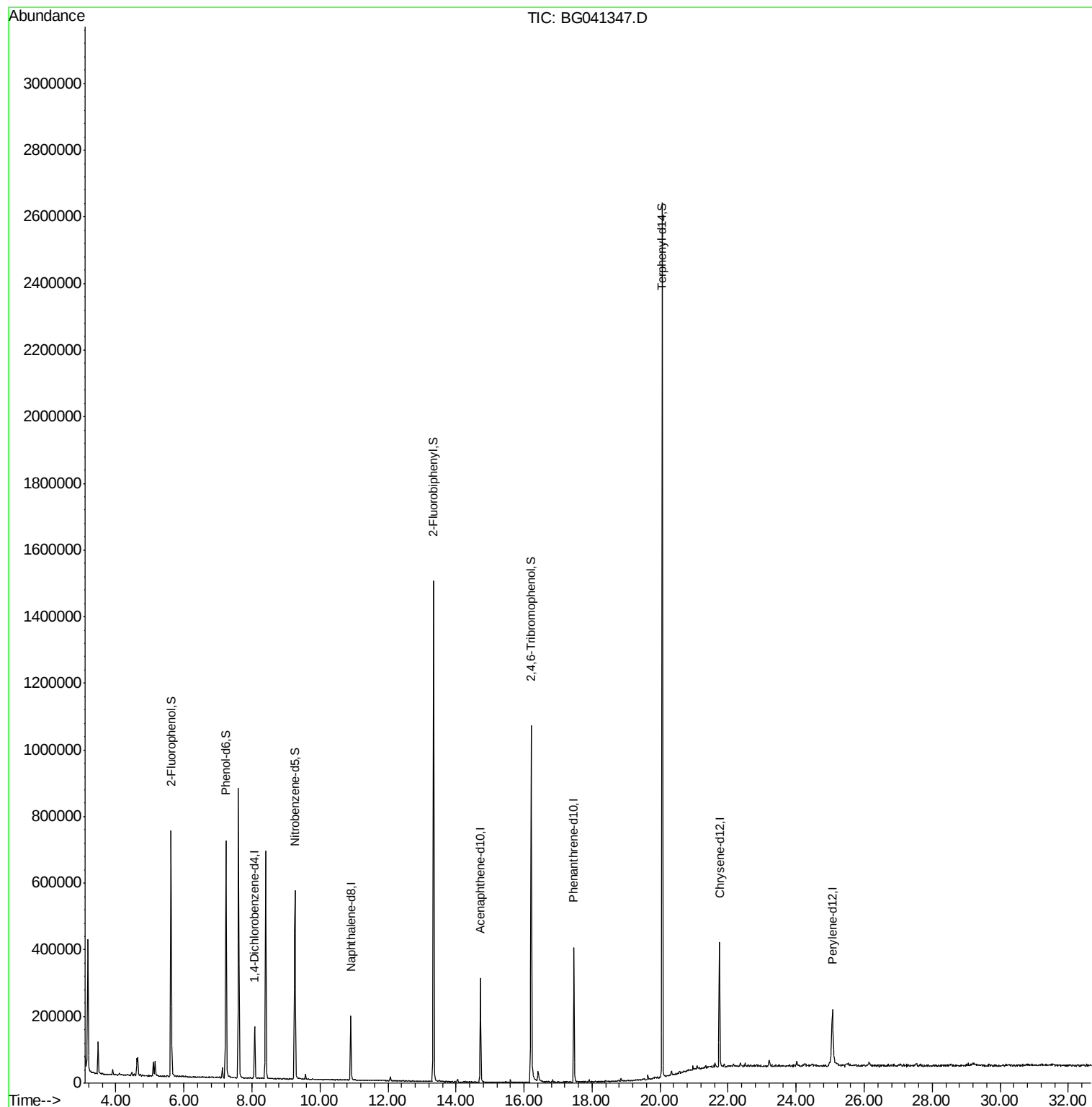
Target Compounds Qvalue

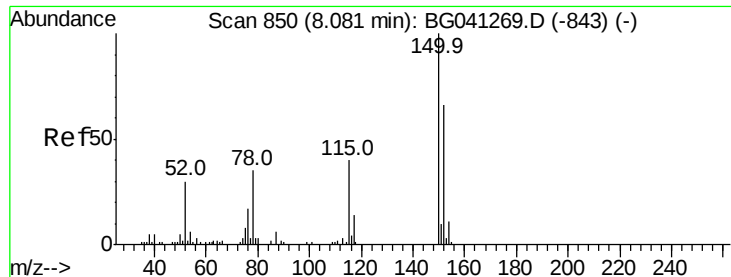
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041347.D
Acq On : 20 Jun 2019 4:59
Operator : HP/JU
Sample : K3157-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 20 06:42:20 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



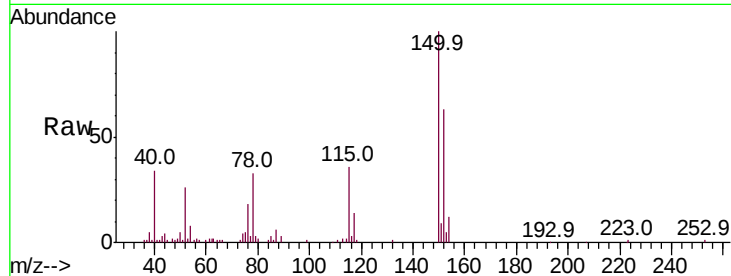


#1

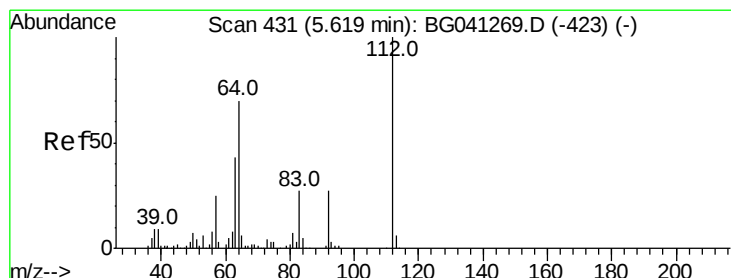
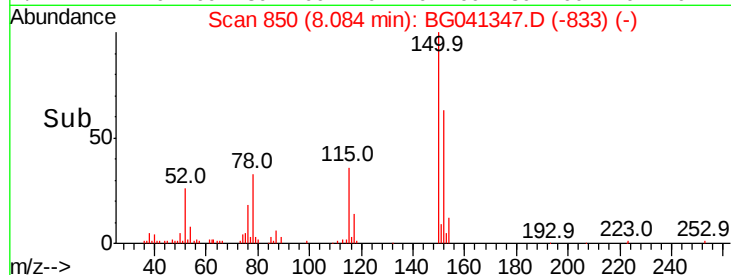
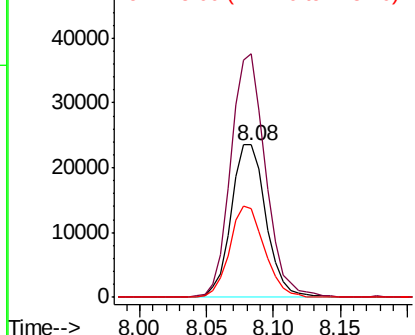
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

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

Tot Ion:152 Resp: 42779
Ion Ratio Lower Upper
152 100
150 159.5 120.6 181.0
115 58.2 47.9 71.9



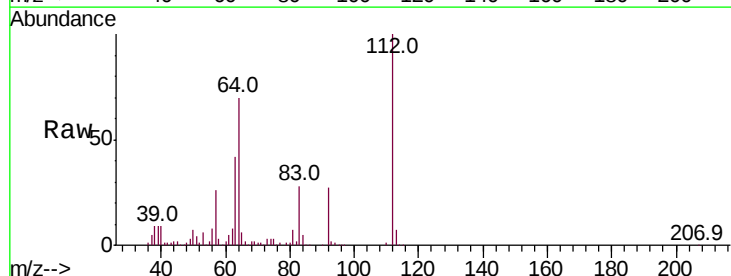
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



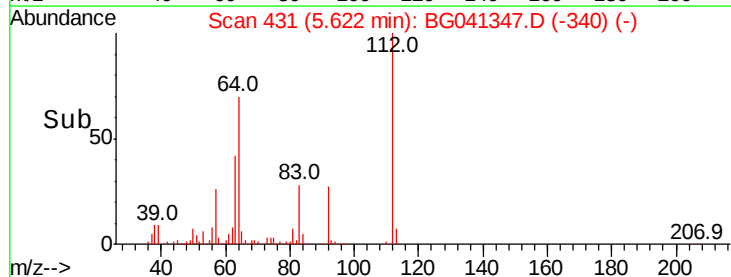
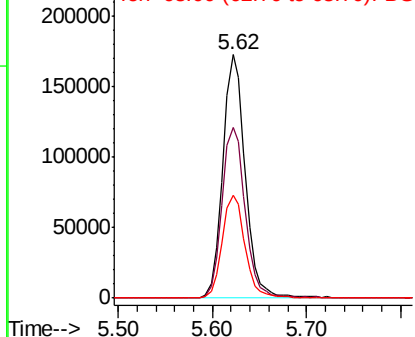
#5

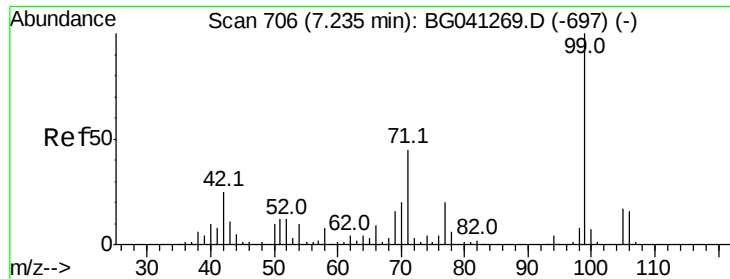
2-Fluorophenol
Concen: 123.191 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion:112 Resp: 286816
Ion Ratio Lower Upper
112 100
64 70.2 55.9 83.9
63 42.2 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: 106.313 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-E

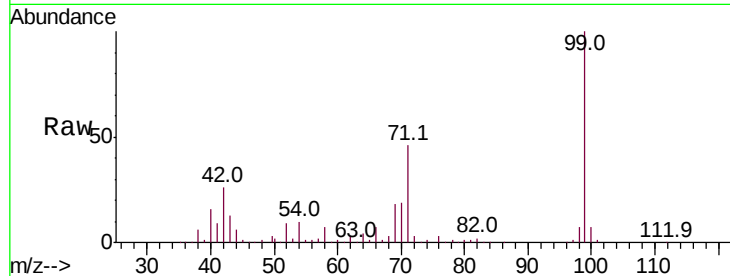
Tot Ion: 99 Resp: 358782

Ion Ratio Lower Upper

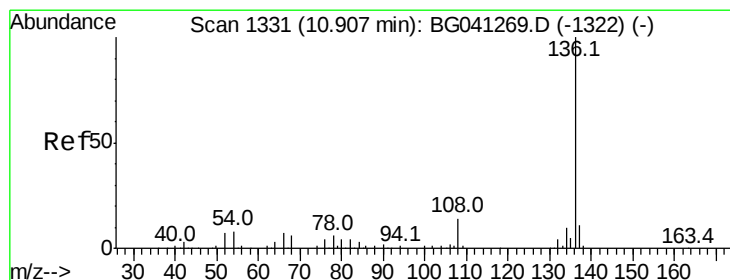
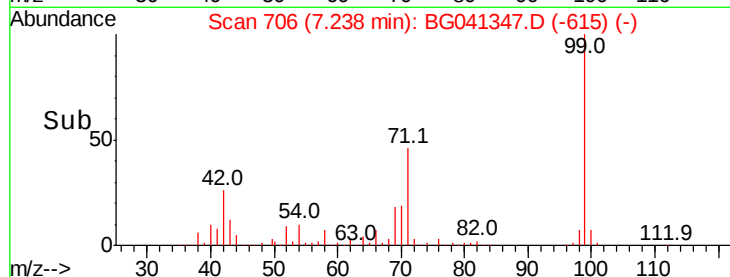
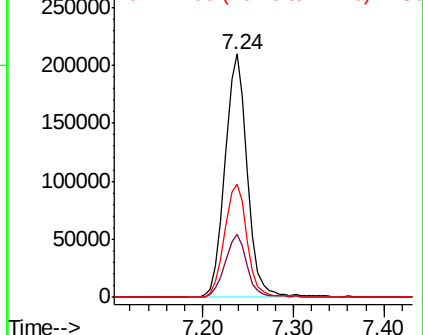
99 100

42 25.9 19.9 29.9

71 46.2 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: BG041347.D

Acq: 20 Jun 2019 4:59

Tgt Ion: 136 Resp: 157397

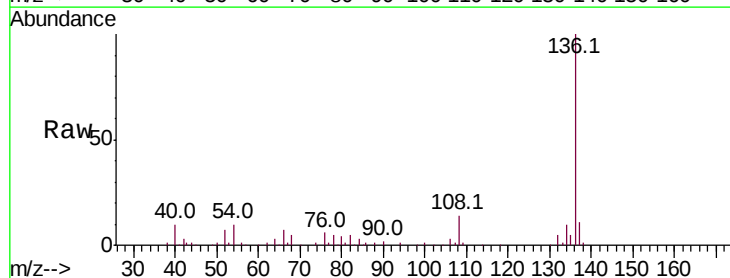
Ion Ratio Lower Upper

136 100

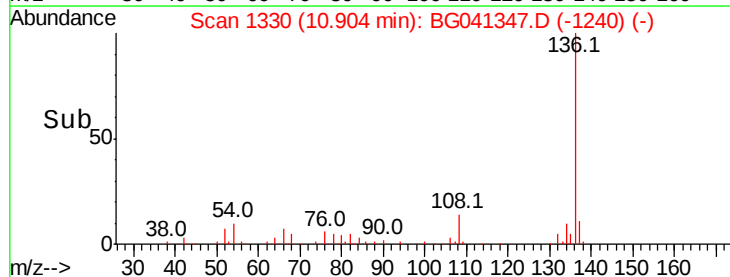
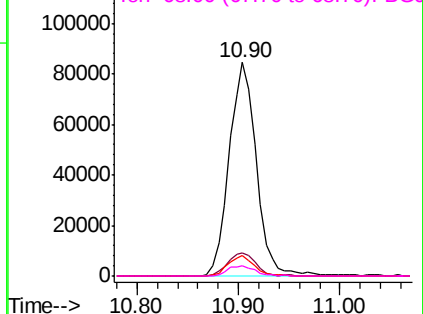
137 10.6 8.8 13.2

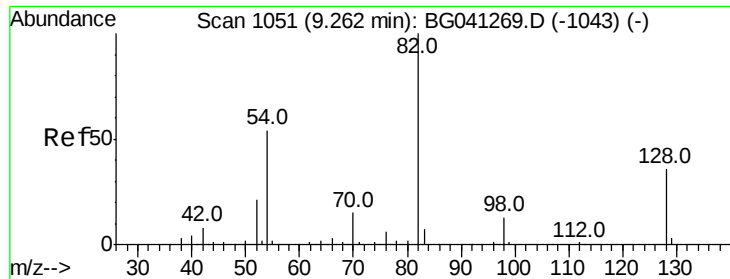
54 9.8 6.4 9.6#

68 4.6 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

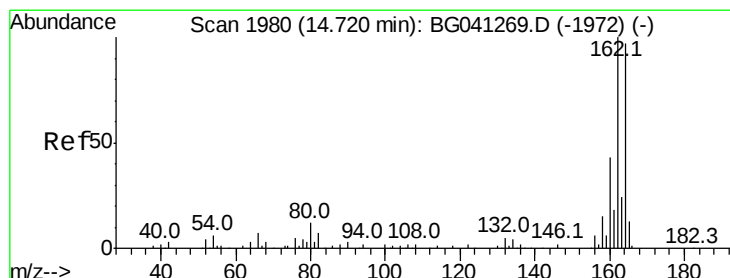
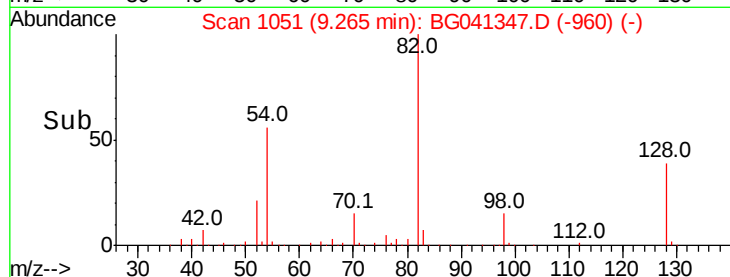
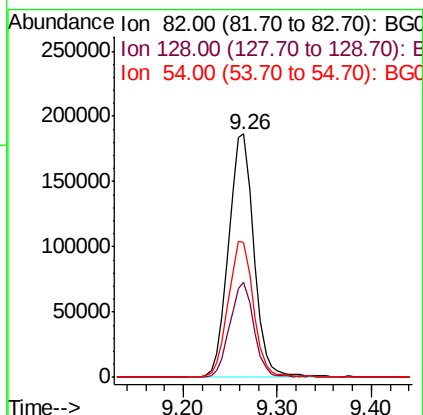
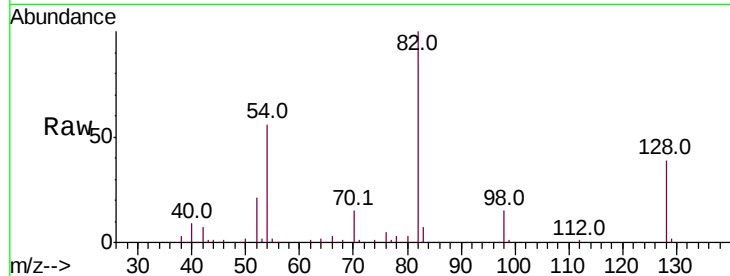




#23
Nitrobenzene-d5
Concen: 93.491 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

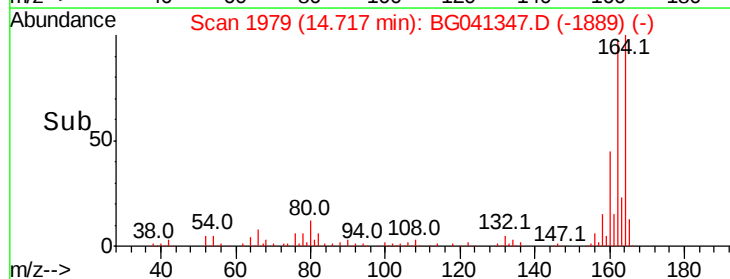
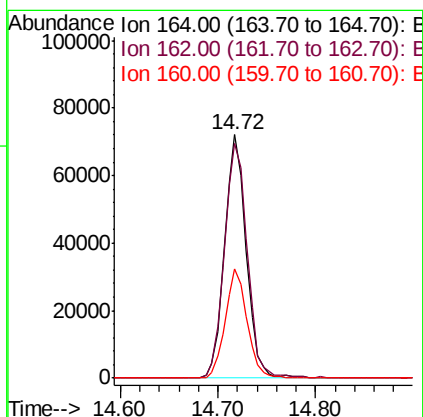
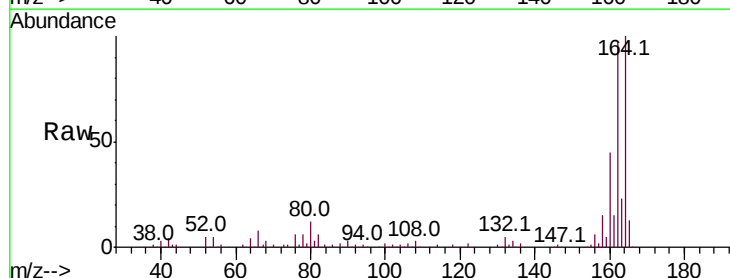
Instrument :
BNA_G
ClientSampleId :
CL-01-061719-E

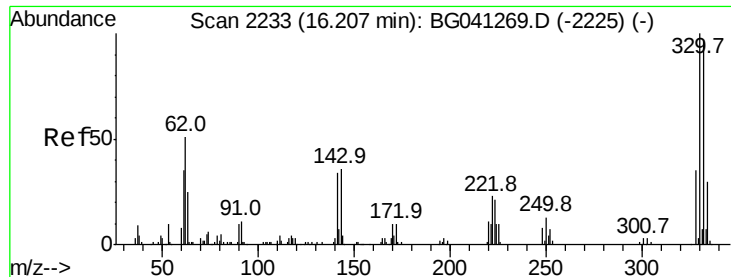
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.2	43.8
54	55.6	43.4	65.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.8	124.2
160	44.7	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 127.324 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-E

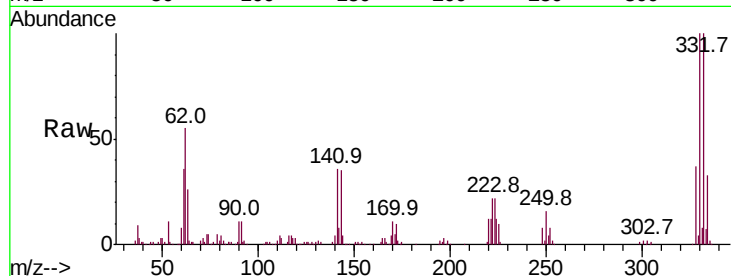
Tot Ion:330 Resp: 216443

Ion Ratio Lower Upper

330 100

332 98.0 75.5 113.3

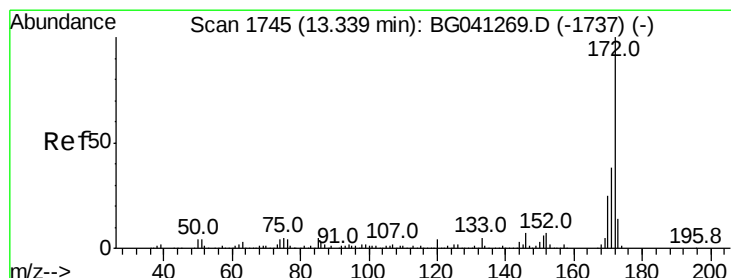
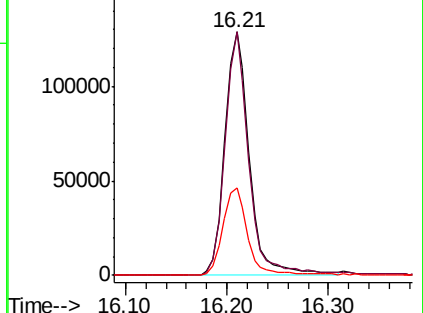
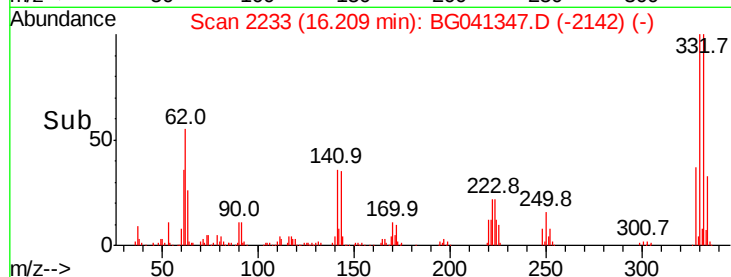
141 36.3 29.0 43.4



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: 96.363 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

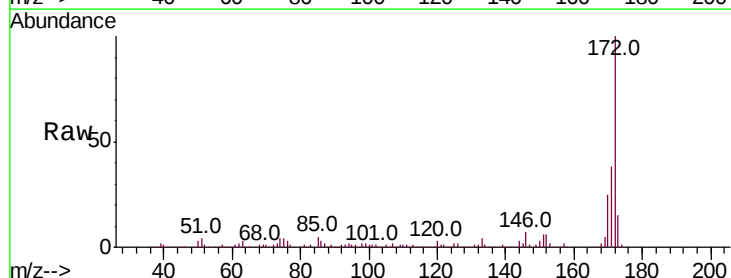
Tgt Ion:172 Resp: 785063

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

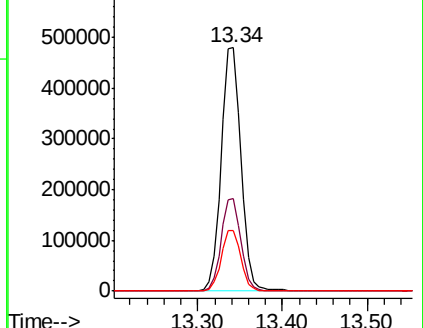
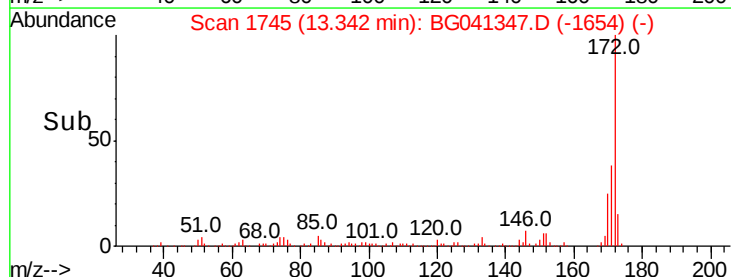
170 25.1 19.8 29.6

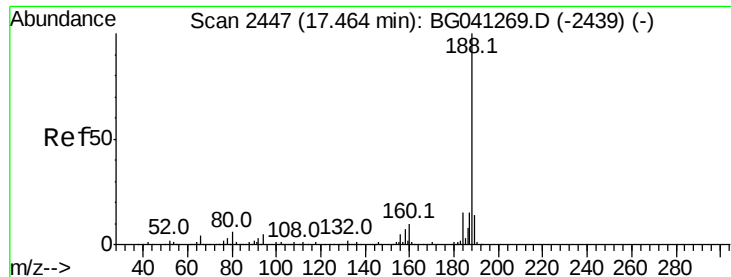


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

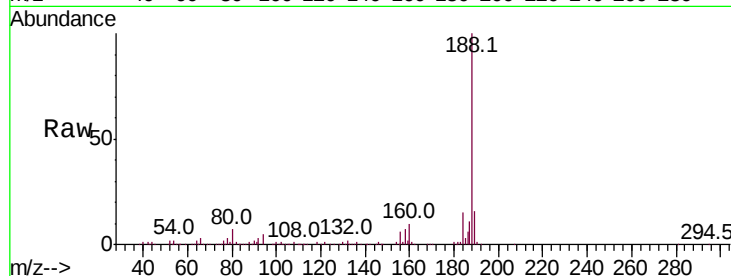




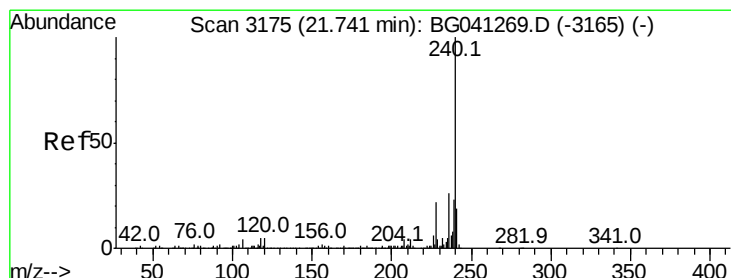
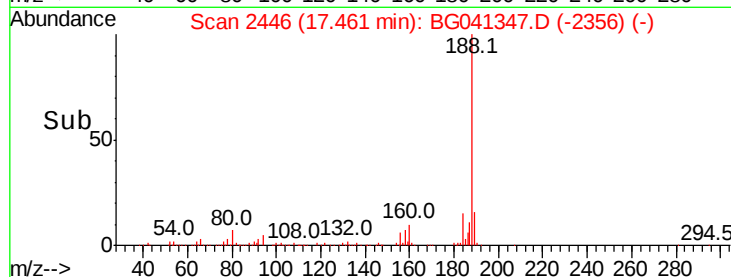
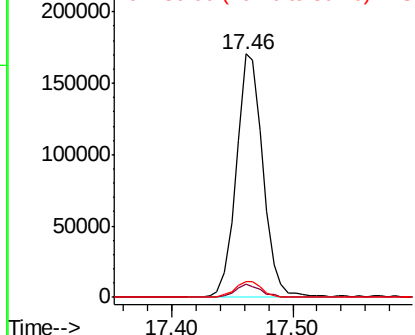
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

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

Tot Ion:188 Resp: 261530
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 6.6 4.8 7.2

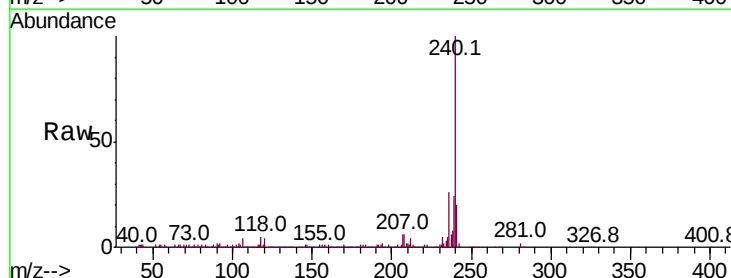


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

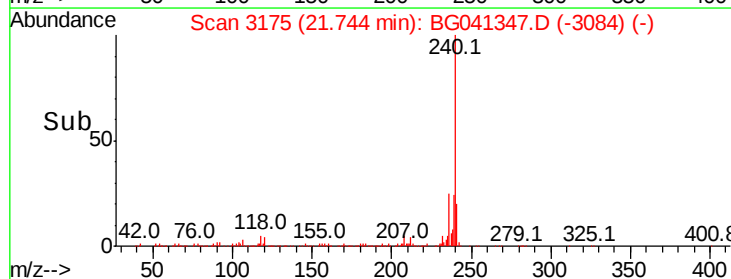
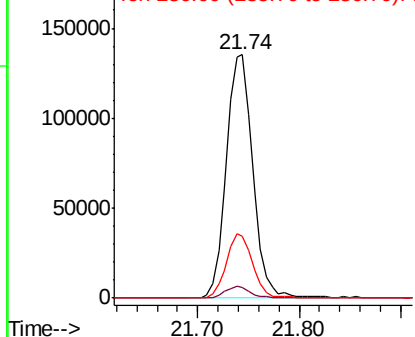


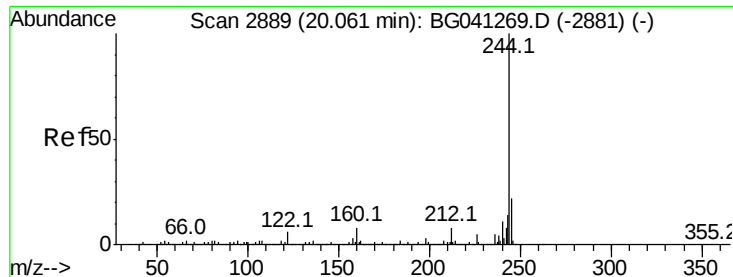
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion:240 Resp: 244964
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 25.5 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: 99.859 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Instrument :

BNA_G

ClientSampleId :

CL-01-061719-E

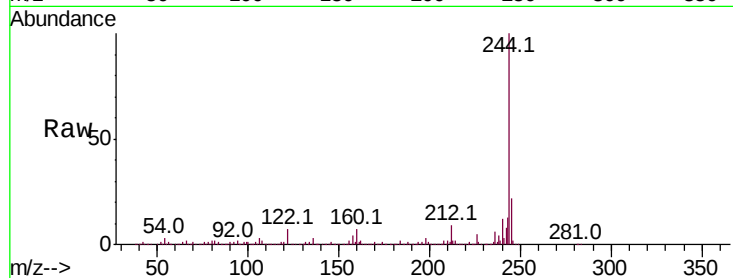
Tot Ion:244 Resp: 1234331

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

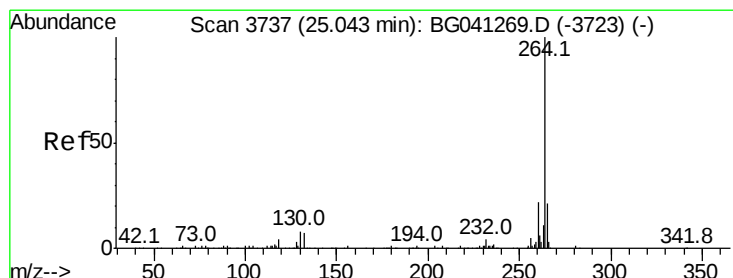
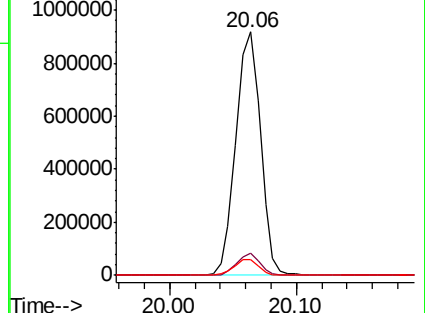
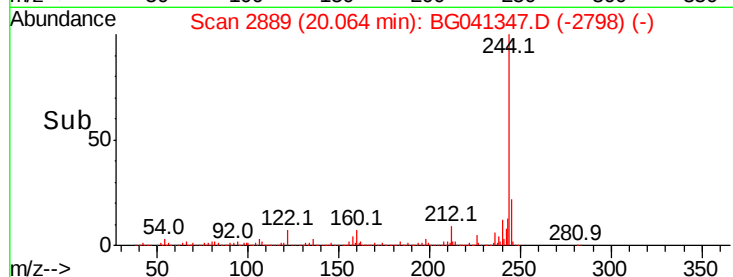
122 6.7 5.0 7.4



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# 3739

Delta R.T. 0.01 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

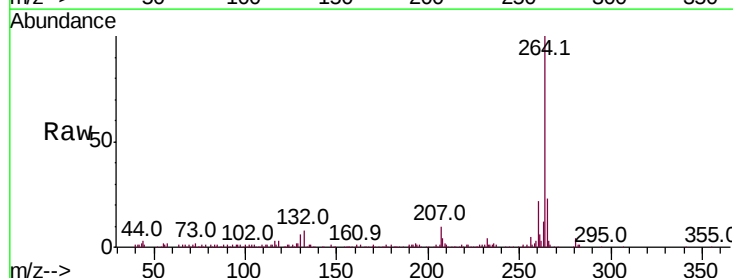
Tgt Ion:264 Resp: 234289

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.2

265 23.0 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

