

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041115.D
 Acq On : 8 Jun 2019 2:13
 Operator : HP/JU
 Sample : PB120393BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120393BL

Quant Time: Jun 08 18:10:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 08 17:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	43707	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	178003	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	140069	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	358635	20.00	ng	0.00
76) Chrysene-d12	21.75	240	368406	20.00	ng	0.00
87) Perylene-d12	25.08	264	385506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205842	84.92	ng	0.00
7) Phenol-d6	7.25	99	297158	79.38	ng	0.00
23) Nitrobenzene-d5	9.29	82	306248	76.38	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	158542	76.24	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	772838	79.46	ng	0.00
79) Terphenyl-d14	20.08	244	1325641	76.37	ng	0.00

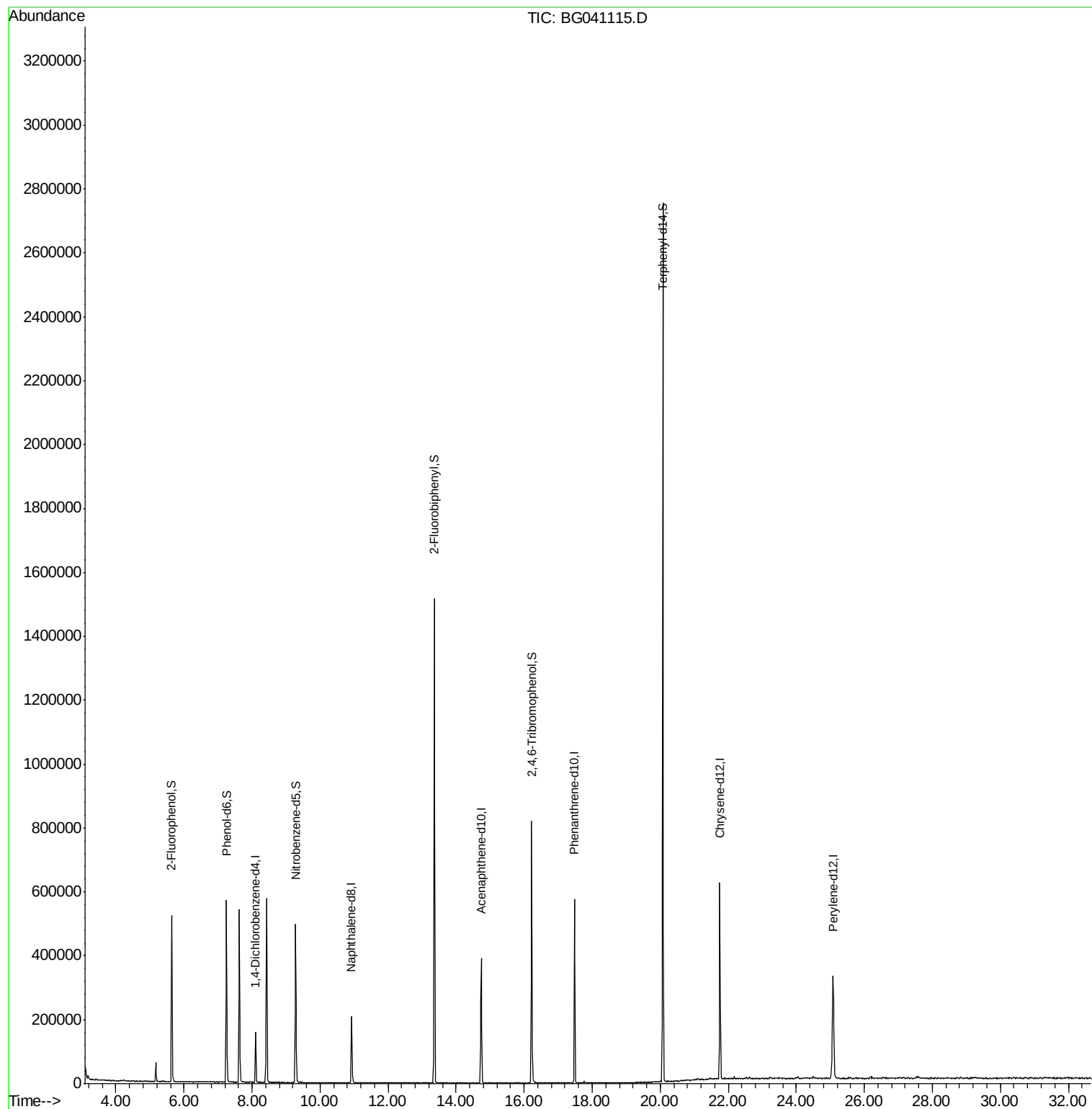
Target Compounds Qvalue

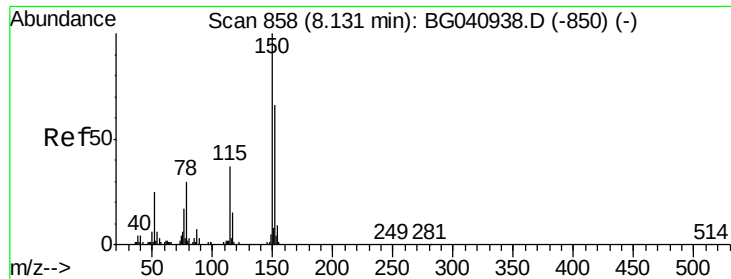
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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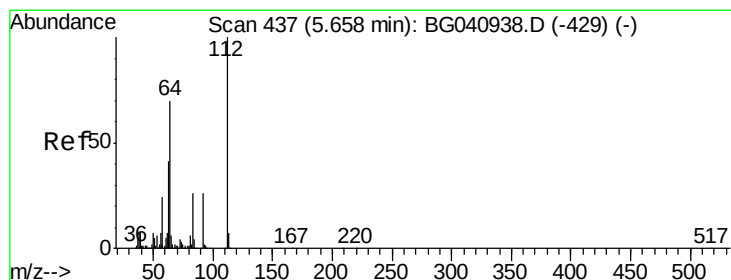
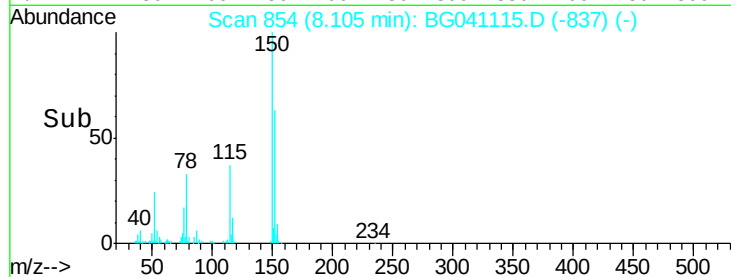
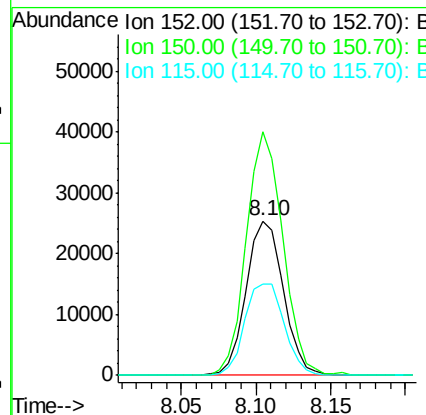
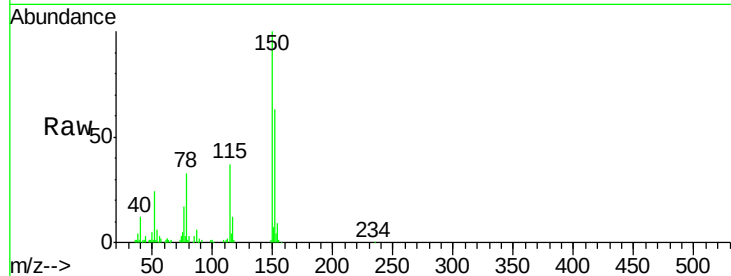


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041115.D
Acq: 8 Jun 2019 2:13

Instrument :
BNA_G
ClientSampleId :
PB120393BL

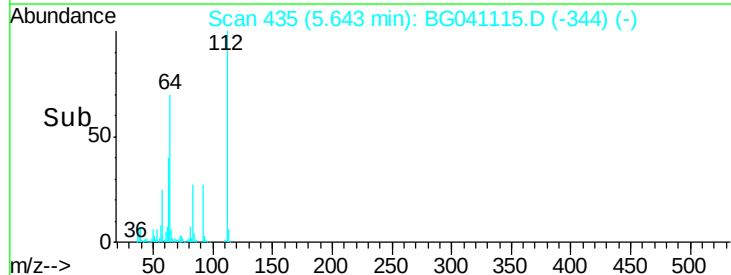
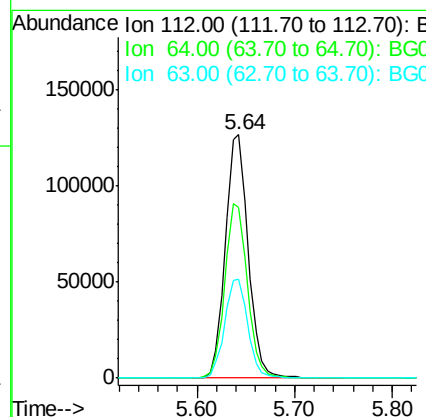
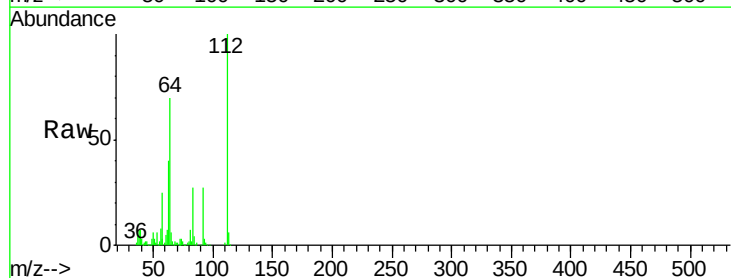
Tot Ion:152 Resp: 43707
Ion Ratio Lower Upper
152 100
150 157.7 111.7 167.5
115 58.8 48.6 73.0

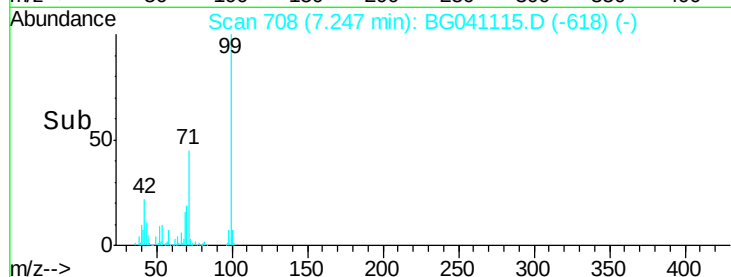
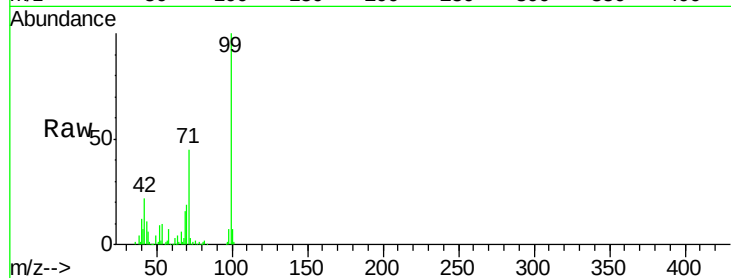
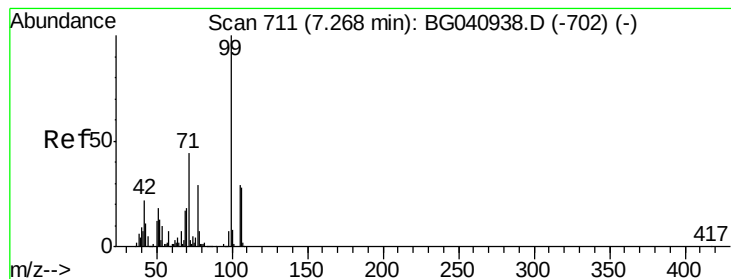


#5

2-Fluorophenol
Concen: 84.924 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.00 min
Lab File: BG041115.D
Acq: 8 Jun 2019 2:13

Tgt Ion:112 Resp: 205842
Ion Ratio Lower Upper
112 100
64 70.0 54.5 81.7
63 40.4 32.2 48.2





#7

Phenol-d6

Concen: 79.382 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120393BL

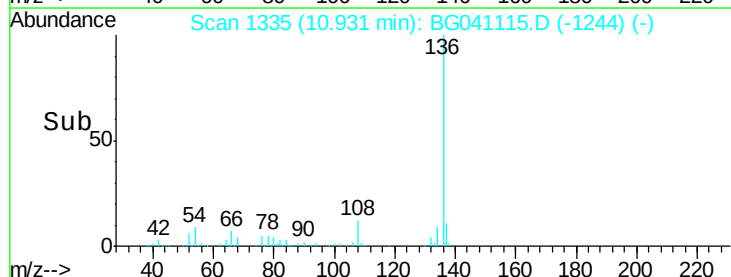
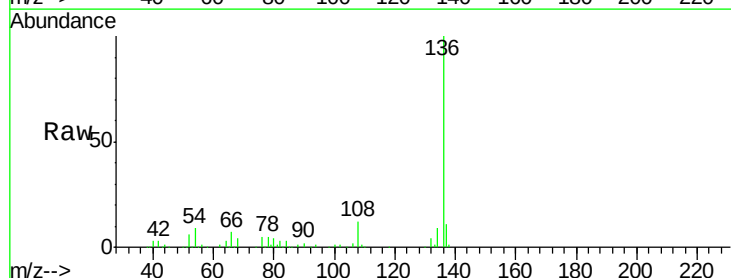
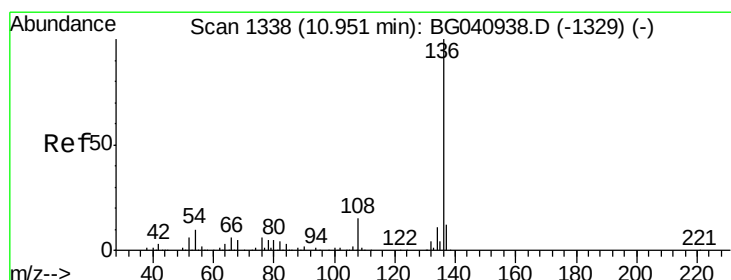
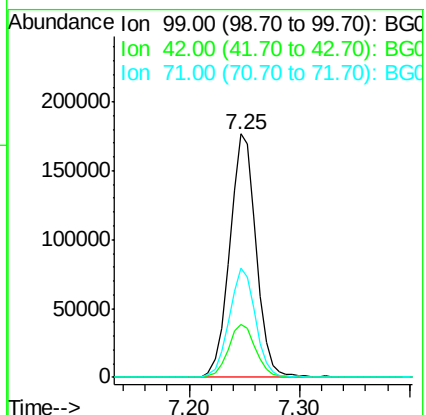
Tot Ion: 99 Resp: 297158

Ion Ratio Lower Upper

99 100

42 21.8 18.8 28.2

71 45.0 35.6 53.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

Tgt Ion: 136 Resp: 178003

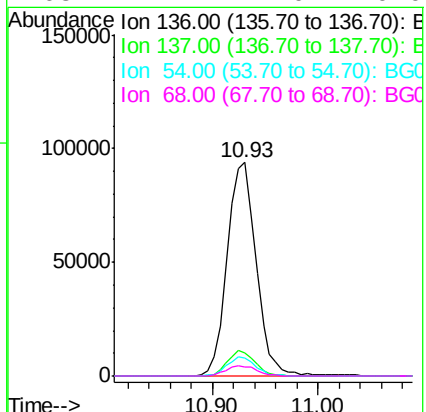
Ion Ratio Lower Upper

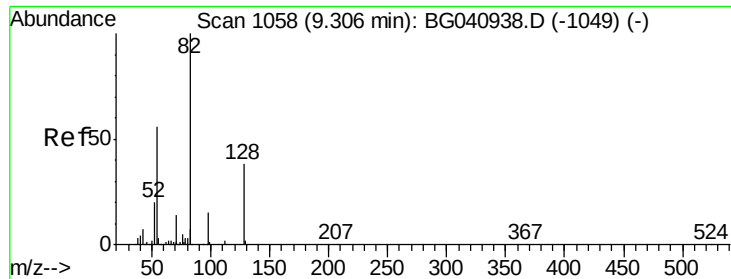
136 100

137 10.6 8.9 13.3

54 8.7 7.4 11.2

68 4.4 4.0 6.0

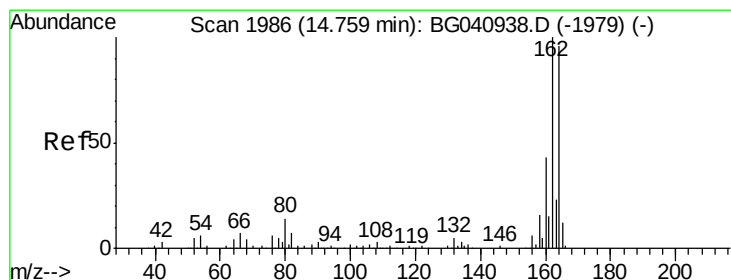
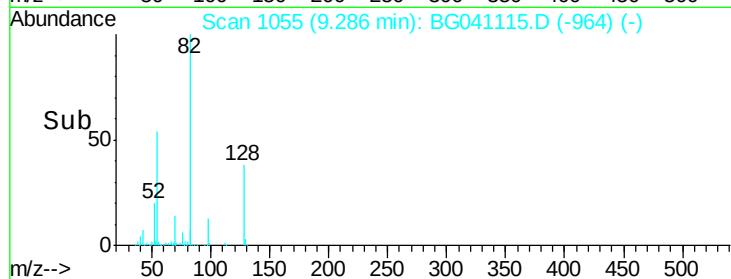
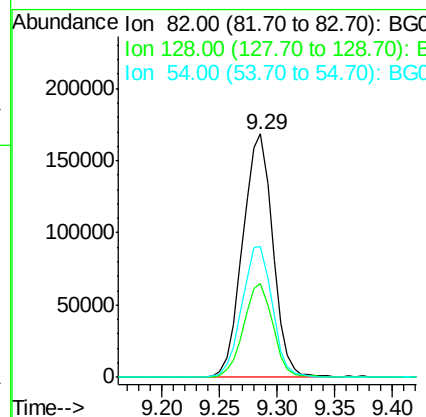
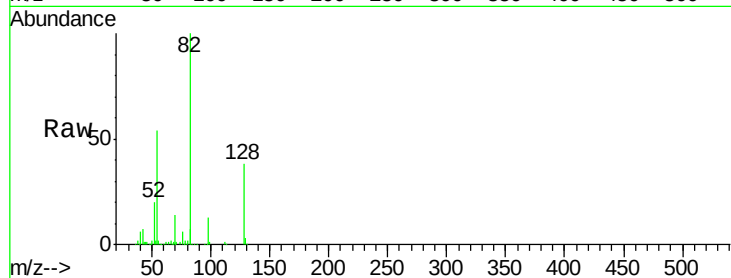




#23
 Nitrobenzene-d5
 Concen: 76.378 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BG041115.D
 Acq: 8 Jun 2019 2:13

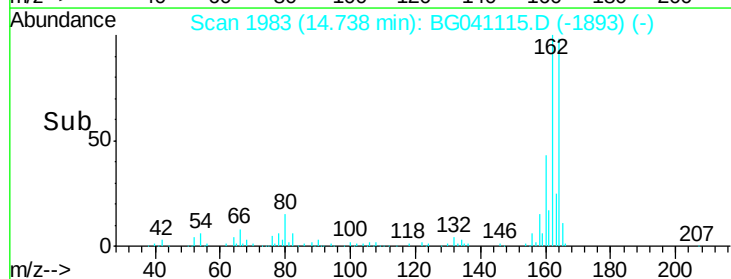
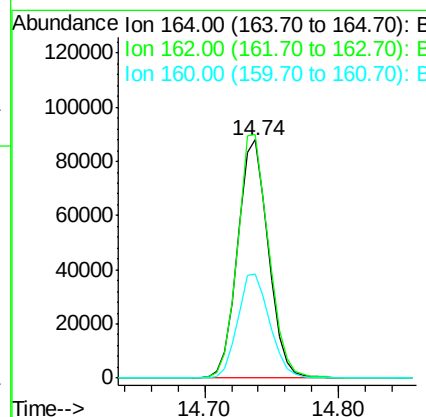
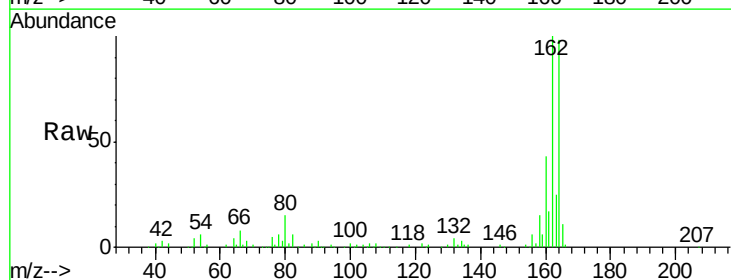
Instrument :
 BNA_G
 ClientSampleId :
 PB120393BL

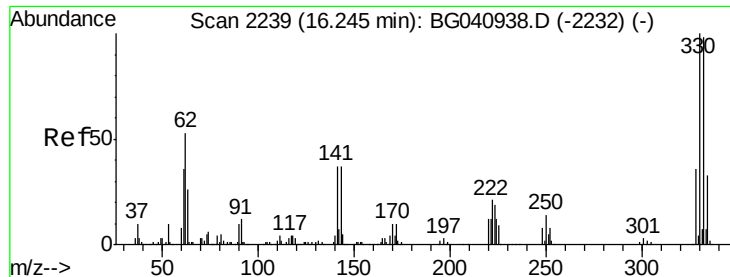
Tot Ion	82	Resp	306248
Ion Ratio	Lower	Upper	
82	100		
128	38.5	29.8	44.6
54	53.7	43.6	65.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041115.D
 Acq: 8 Jun 2019 2:13

Tgt Ion	164	Resp	140069
Ion Ratio	Lower	Upper	
164	100		
162	102.2	85.4	128.0
160	43.7	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 76.243 ng

RT: 16.22 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120393BL

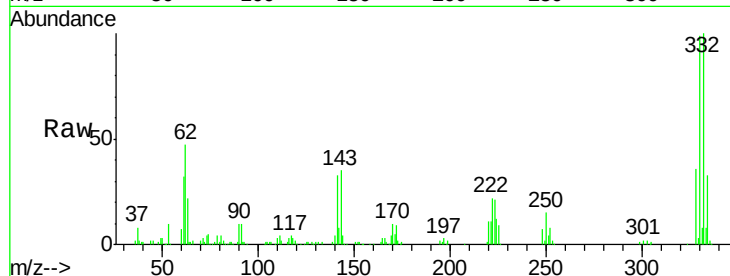
Tot Ion:330 Resp: 158542

Ion Ratio Lower Upper

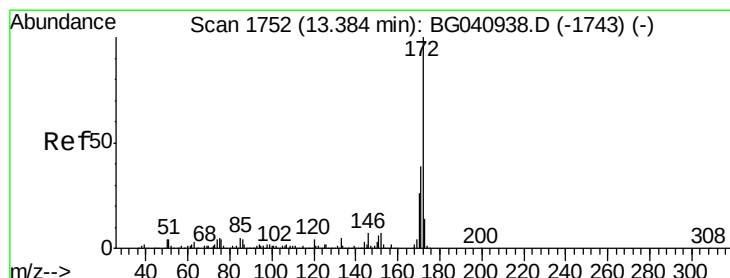
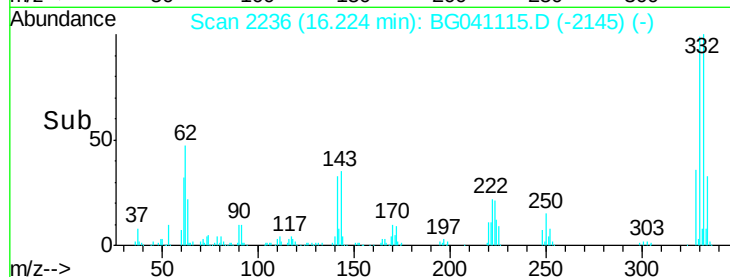
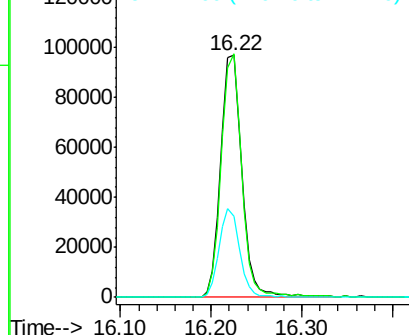
330 100

332 95.8 77.9 116.9

141 34.9 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: 79.459 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

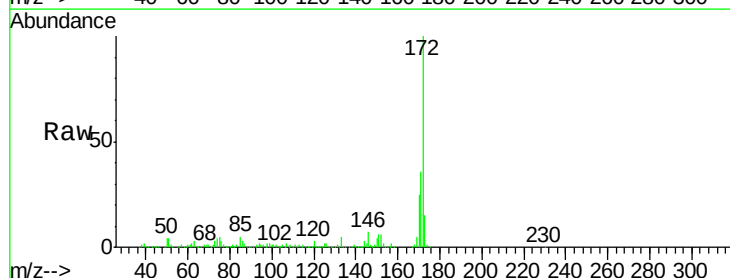
Tgt Ion:172 Resp: 772838

Ion Ratio Lower Upper

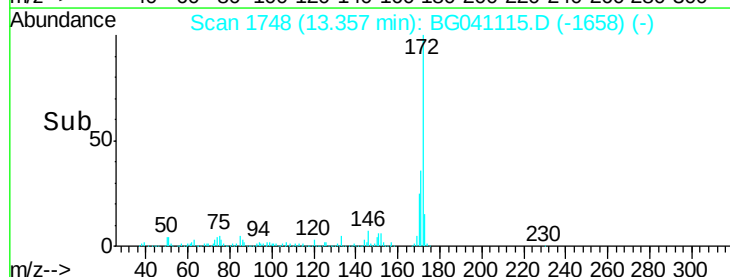
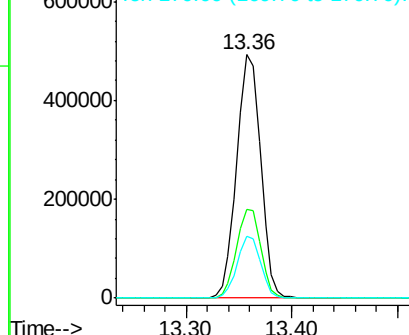
172 100

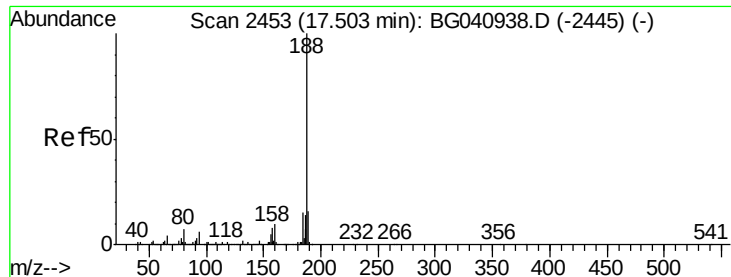
171 36.2 30.8 46.2

170 25.4 21.3 31.9



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: 17.48 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120393BL

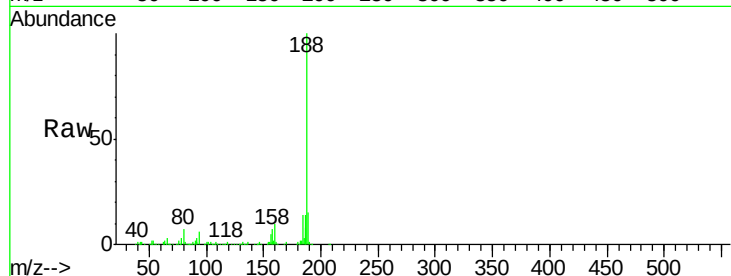
Tot Ion:188 Resp: 358635

Ion Ratio Lower Upper

188 100

94 6.0 4.6 7.0

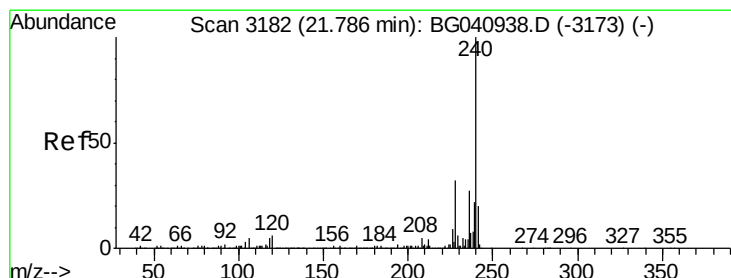
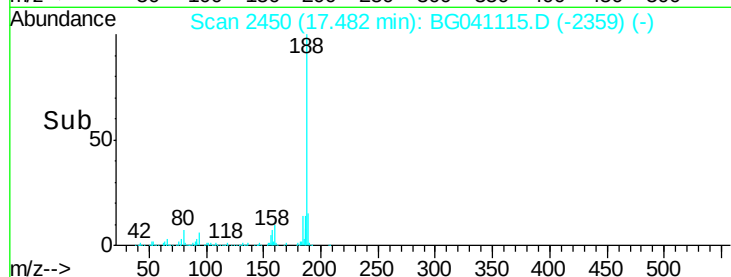
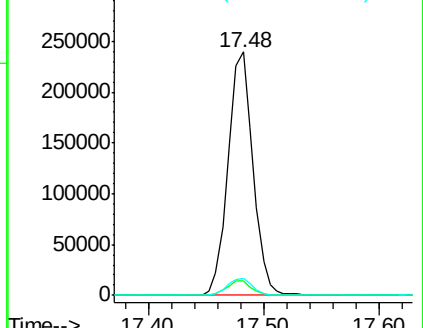
80 7.0 5.8 8.8



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: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

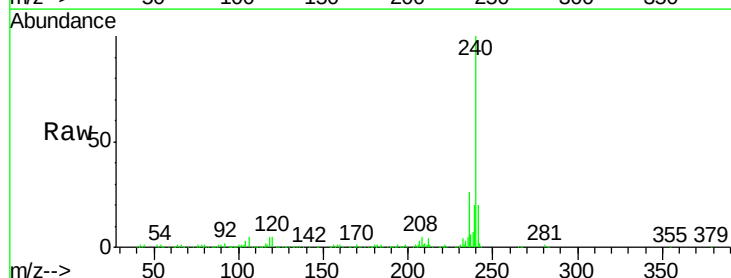
Tgt Ion:240 Resp: 368406

Ion Ratio Lower Upper

240 100

120 5.5 4.6 6.8

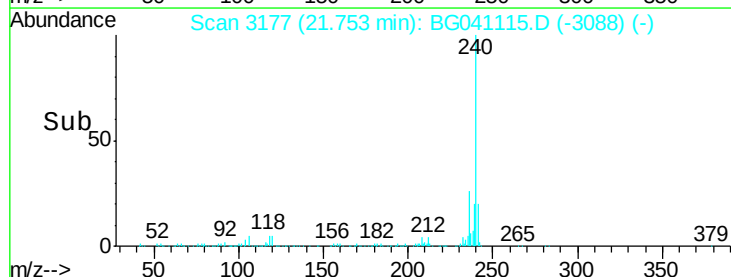
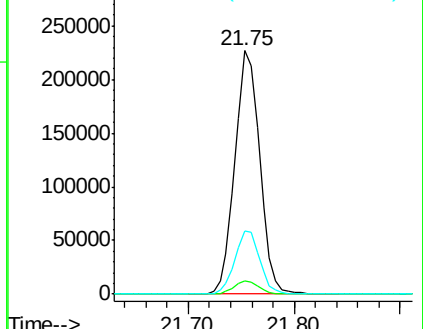
236 25.9 20.6 31.0

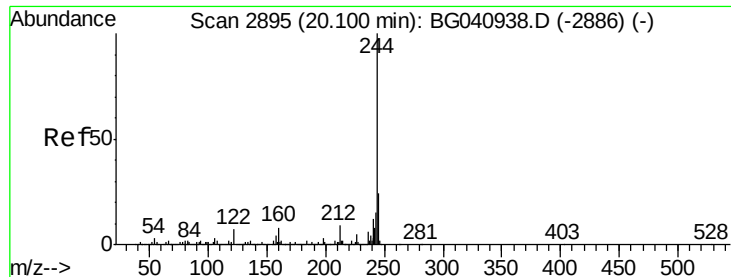


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.369 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

Instrument :

BNA_G

ClientSampleId :

PB120393BL

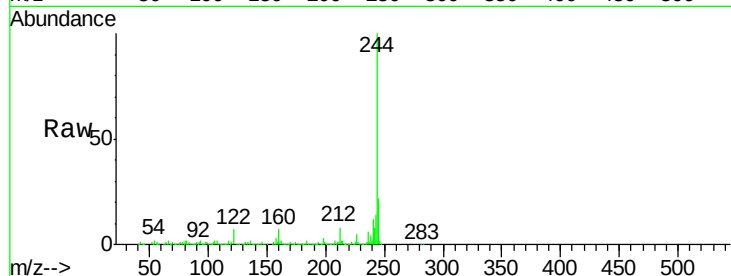
Tot Ion:244 Resp: 1325641

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

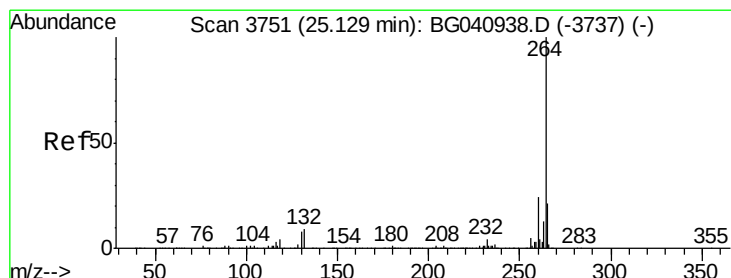
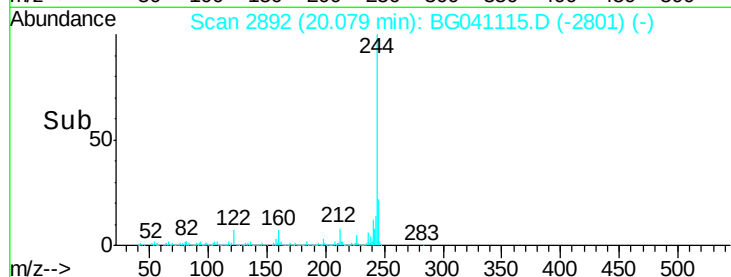
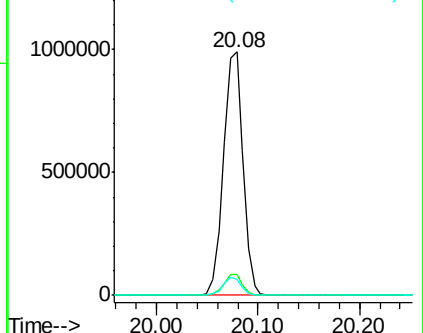
122 6.6 5.4 8.0



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: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041115.D

Acq: 8 Jun 2019 2:13

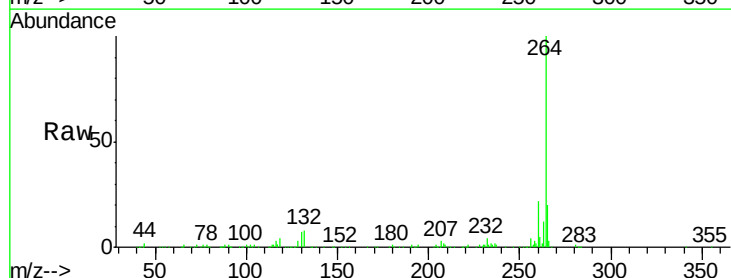
Tgt Ion:264 Resp: 385506

Ion Ratio Lower Upper

264 100

260 22.2 19.1 28.7

265 20.1 17.6 26.4



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

