

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041182.D
 Acq On : 11 Jun 2019 10:22
 Operator : HP/JU
 Sample : PB120476BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120476BL

Quant Time: Jun 12 02:12:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40355	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	171878	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	128561	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	306296	20.00	ng	0.00
76) Chrysene-d12	21.76	240	298724	20.00	ng	0.00
87) Perylene-d12	25.09	264	285930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	331720	148.22	ng	0.00
7) Phenol-d6	7.26	99	509130	147.31	ng	0.01
23) Nitrobenzene-d5	9.29	82	353992	91.43	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	268102	140.47	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	883387	98.95	ng	0.00
79) Terphenyl-d14	20.08	244	1453419	103.26	ng	0.00

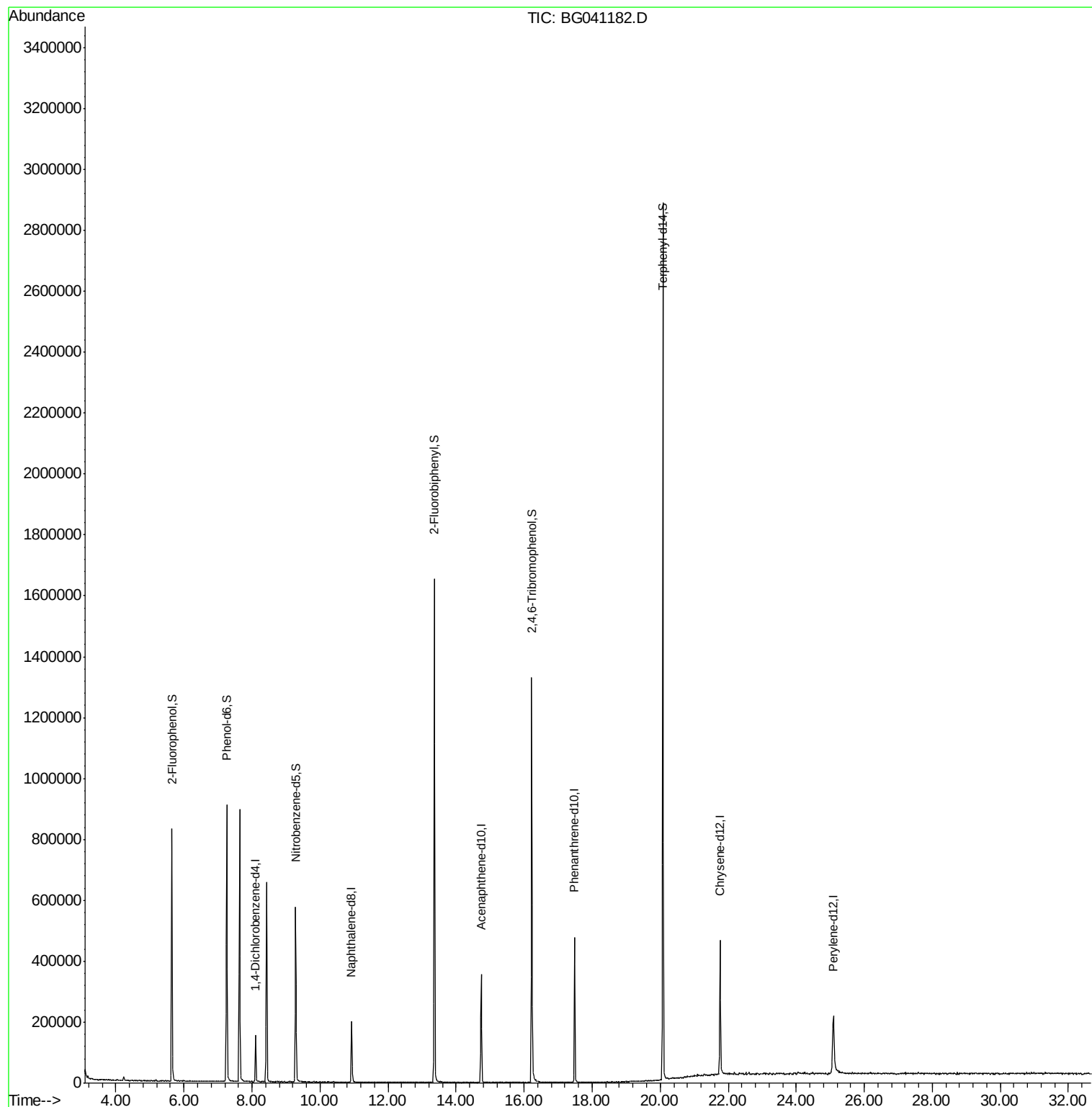
Target Compounds Qvalue

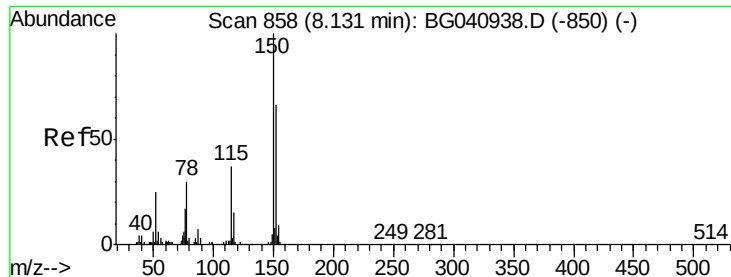
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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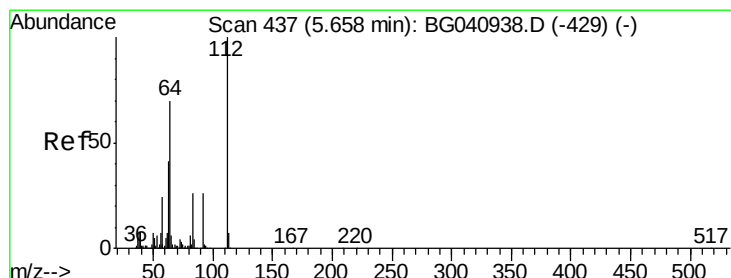
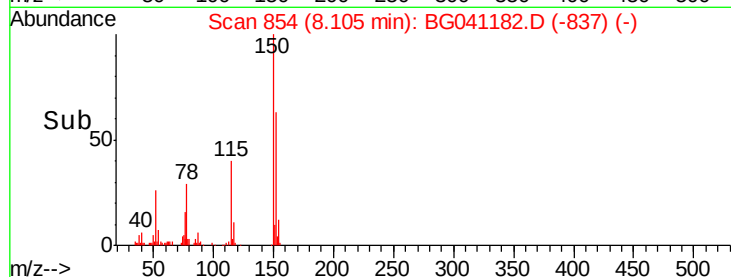
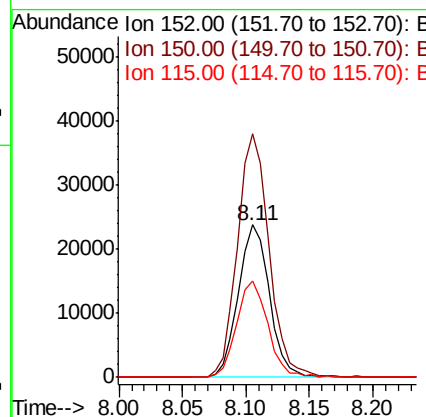
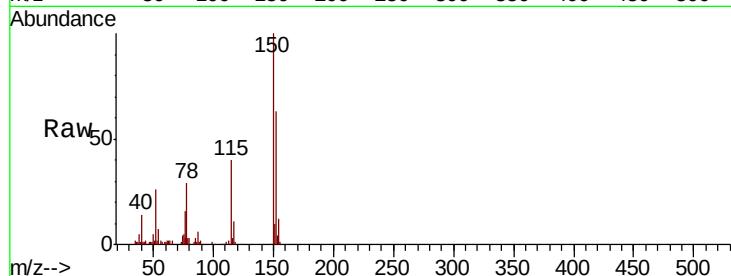


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041182.D
Acq: 11 Jun 2019 10:22

Instrument :
BNA_G
ClientSampleId :
PB120476BL

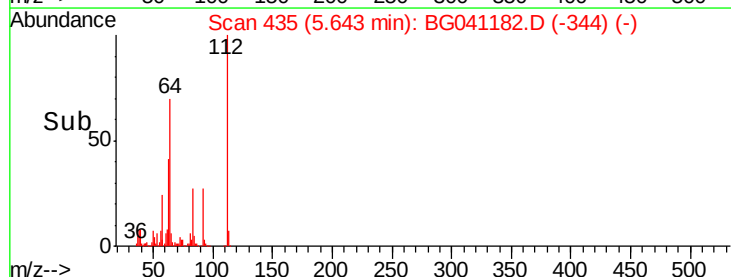
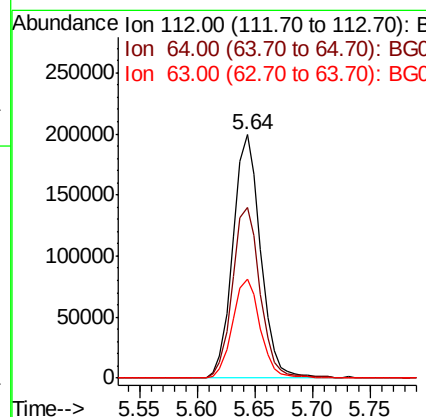
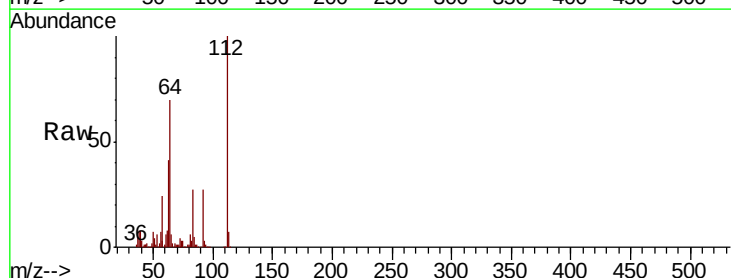
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	120.6	180.8
115	63.6	45.1	67.7

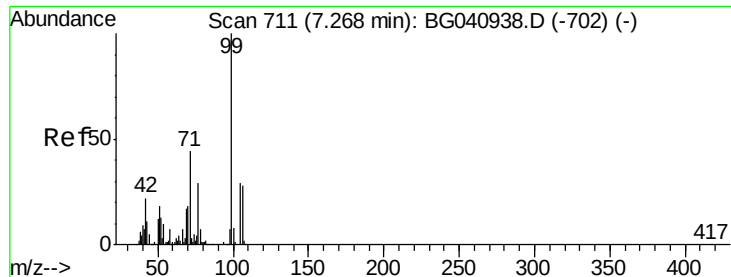


#5

2-Fluorophenol
Concen: 148.225 ng
RT: 5.64 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG041182.D
Acq: 11 Jun 2019 10:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.2	84.2
63	40.7	32.8	49.2





#7

Phenol-d6

Concen: 147.306 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

Instrument :

BNA_G

ClientSampleId :

PB120476BL

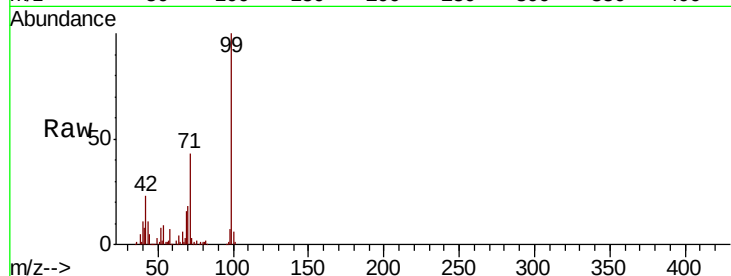
Tot Ion: 99 Resp: 509130

Ion Ratio Lower Upper

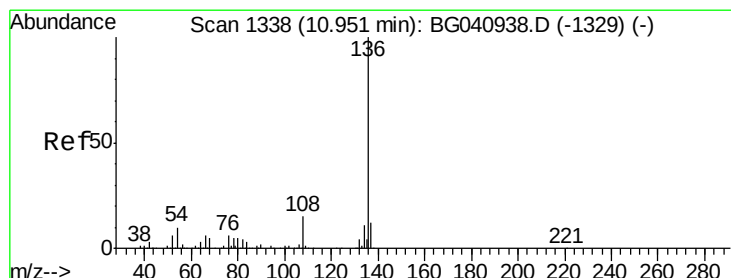
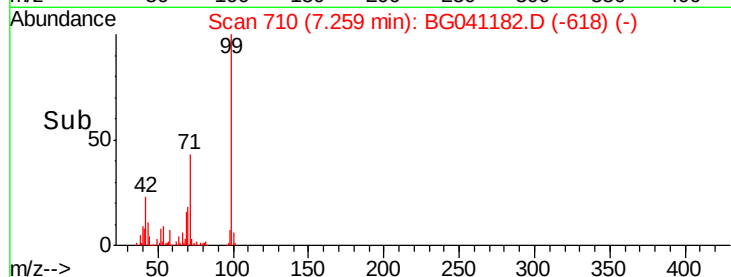
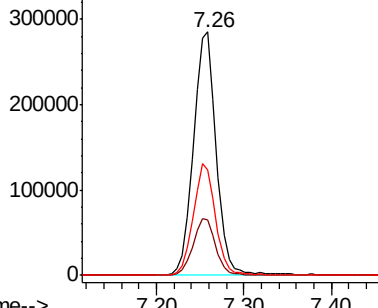
99 100

42 22.5 17.9 26.9

71 43.1 35.4 53.0



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: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

Tgt Ion: 136 Resp: 171878

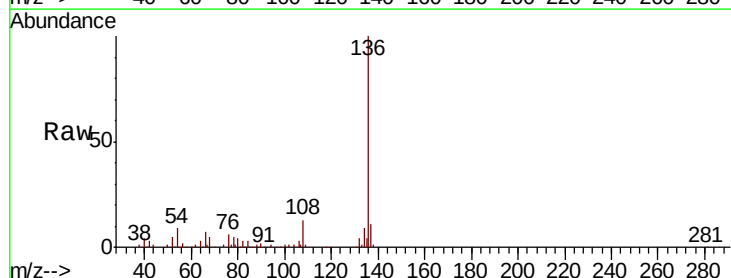
Ion Ratio Lower Upper

136 100

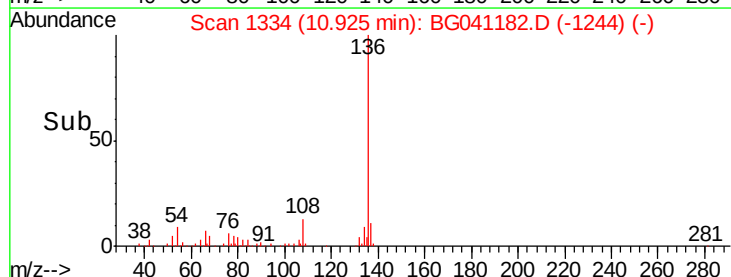
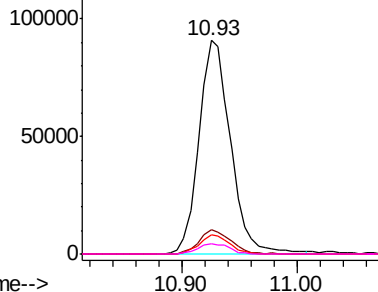
137 11.5 9.5 14.3

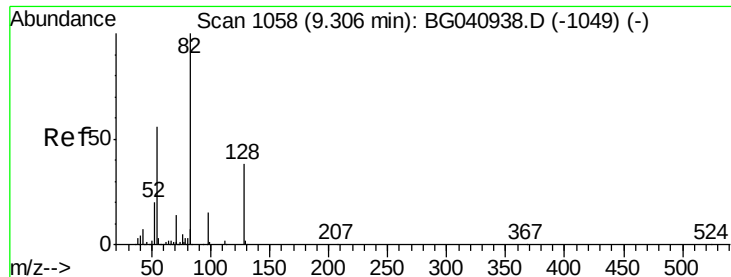
54 9.3 7.6 11.4

68 4.8 3.9 5.9



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

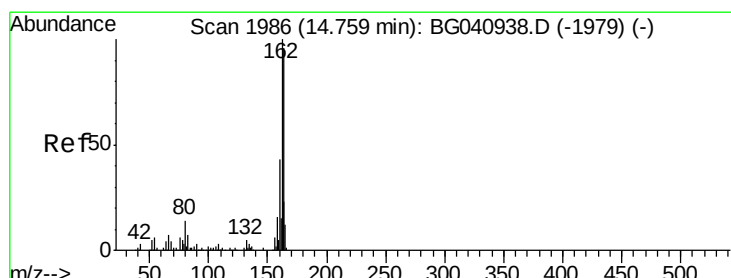
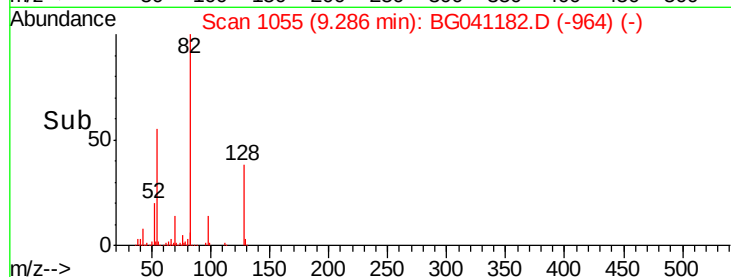
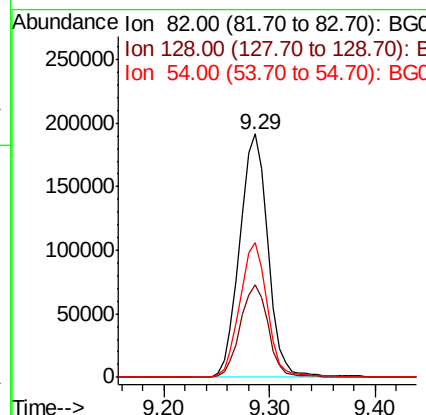
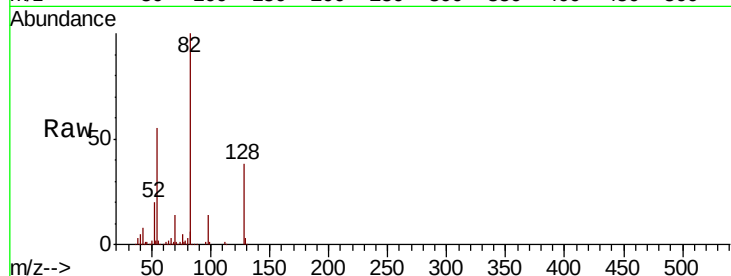




#23
Nitrobenzene-d5
Concen: 91.431 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041182.D
Acq: 11 Jun 2019 10:22

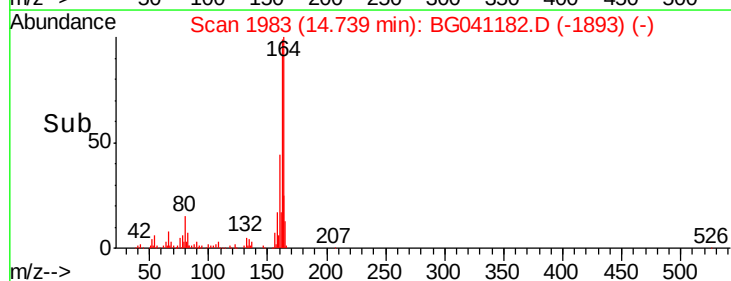
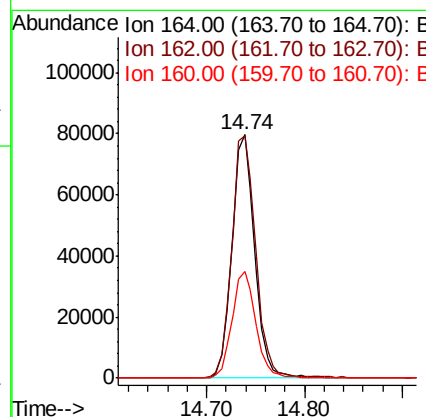
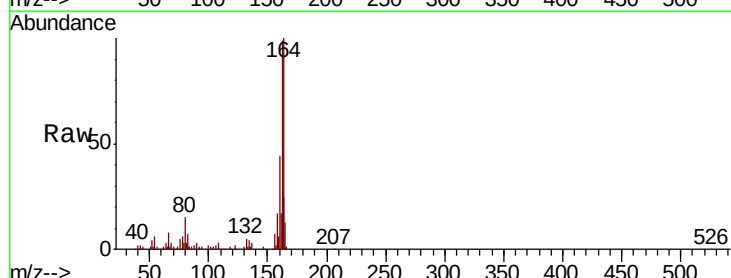
Instrument :
BNA_G
ClientSampleId :
PB120476BL

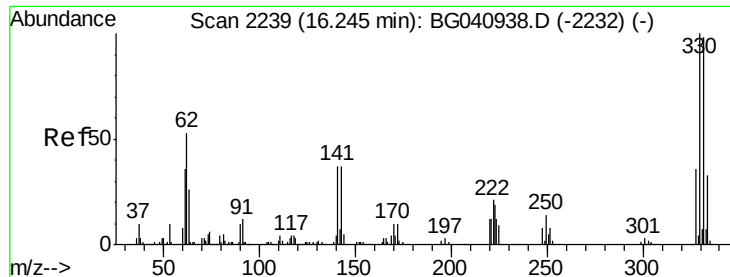
Tot Ion	82	Resp	353992
Ion Ratio	Lower	Upper	
82	100		
128	37.9	30.5	45.7
54	55.5	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041182.D
Acq: 11 Jun 2019 10:22

Tgt Ion	164	Resp	128561
Ion Ratio	Lower	Upper	
164	100		
162	99.3	83.0	124.4
160	43.7	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 140.472 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

Instrument :

BNA_G

ClientSampleId :

PB120476BL

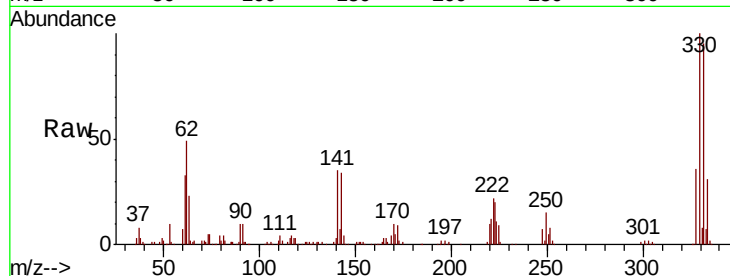
Tot Ion:330 Resp: 268102

Ion Ratio Lower Upper

330 100

332 95.7 78.5 117.7

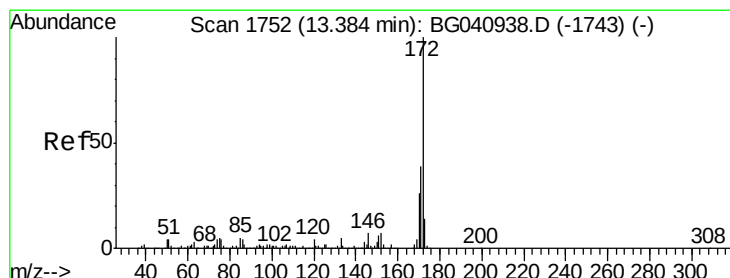
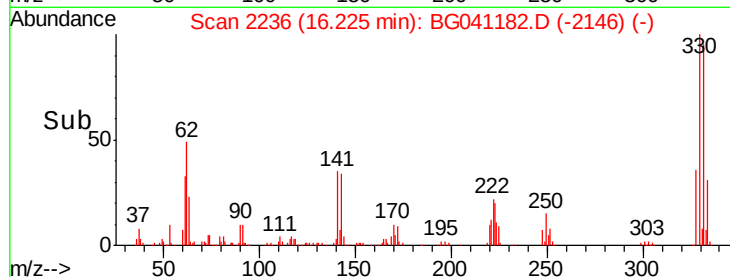
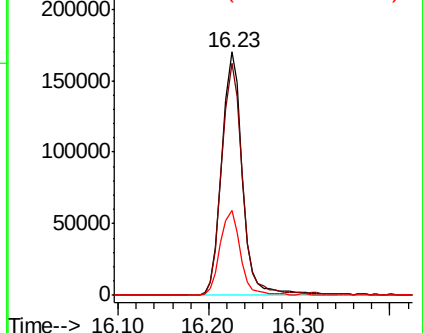
141 34.1 28.7 43.1



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: 98.955 ng

RT: 13.36 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

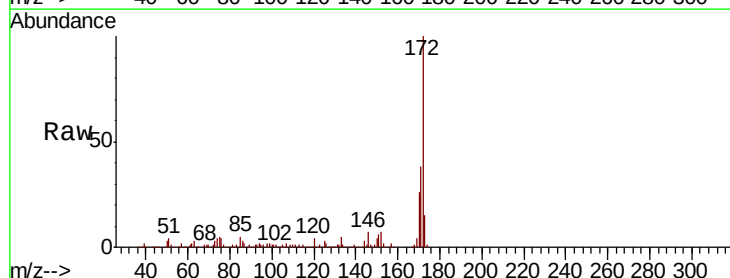
Tgt Ion:172 Resp: 883387

Ion Ratio Lower Upper

172 100

171 38.0 31.1 46.7

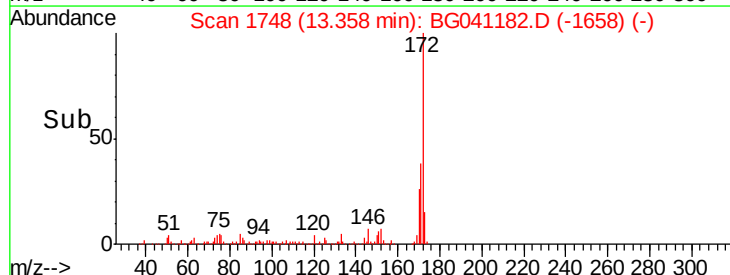
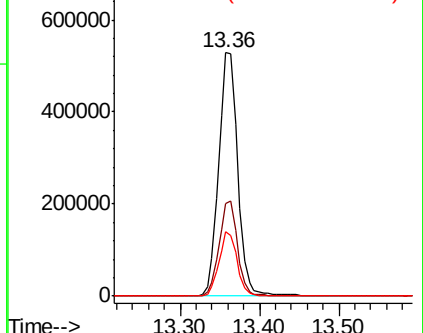
170 26.3 20.5 30.7

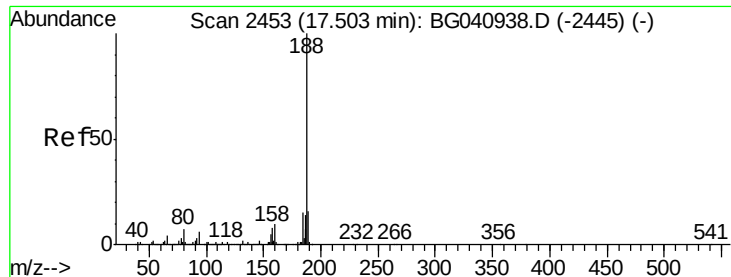


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG041182.D

Acq: 11 Jun 2019 10:22

Instrument :

BNA_G

ClientSampleID :

PB120476BL

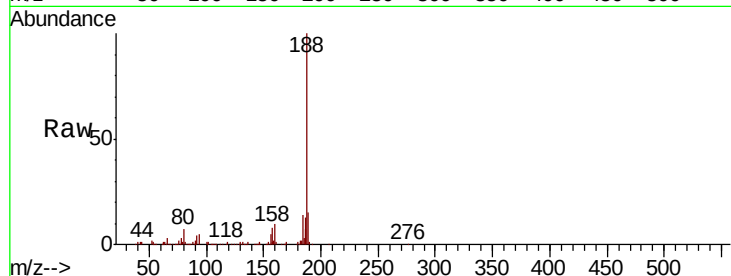
Tot Ion:188 Resp: 306296

Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

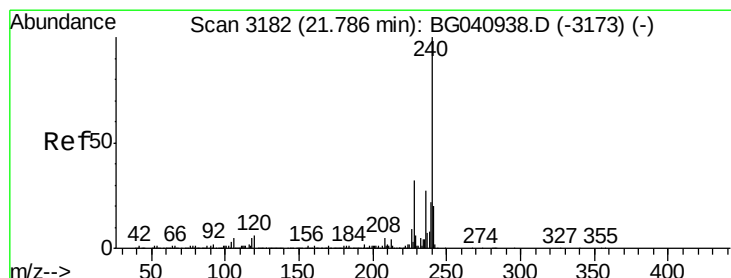
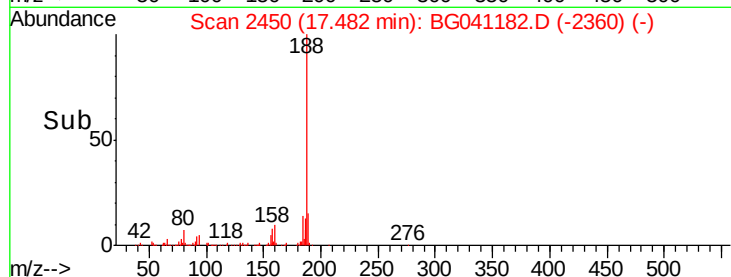
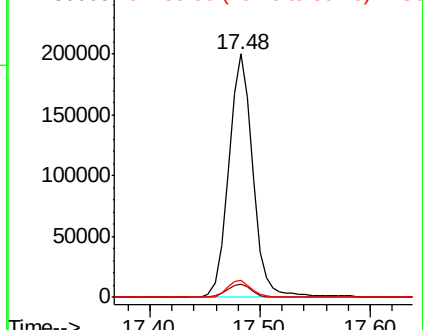
80 6.9 5.8 8.8



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: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

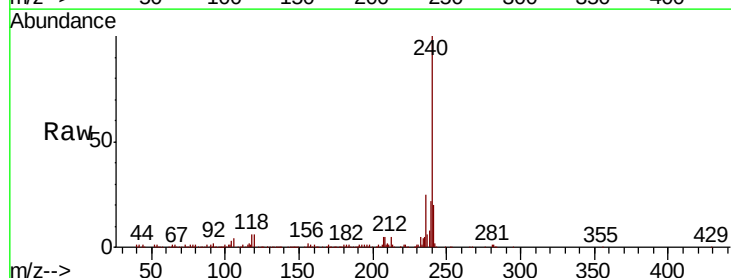
Tgt Ion:240 Resp: 298724

Ion Ratio Lower Upper

240 100

120 5.6 4.5 6.7

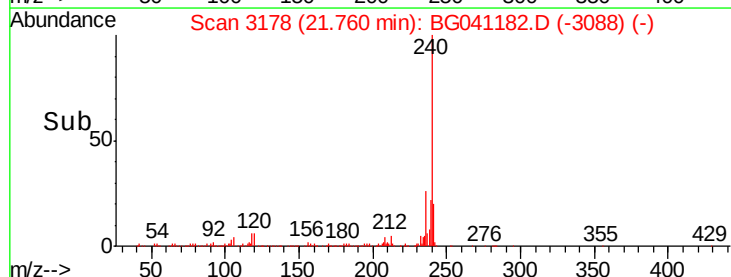
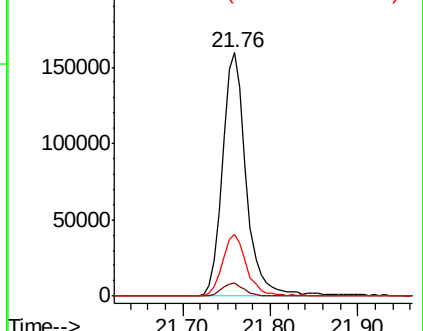
236 25.5 21.3 31.9

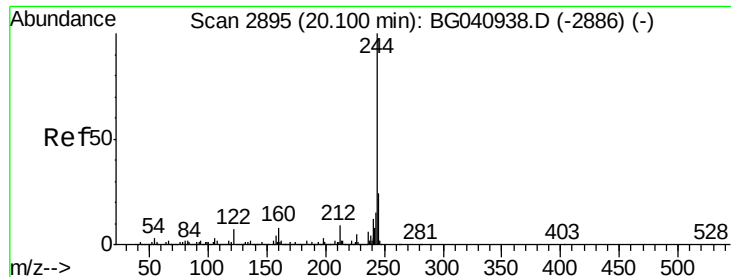


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.261 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

Instrument :

BNA_G

ClientSampleId :

PB120476BL

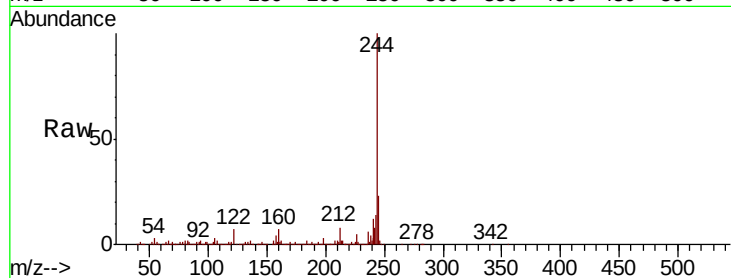
Tot Ion:244 Resp: 1453419

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

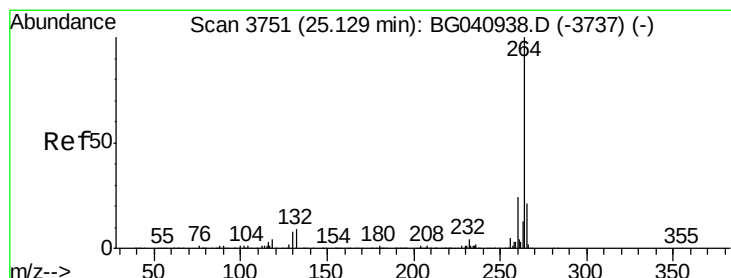
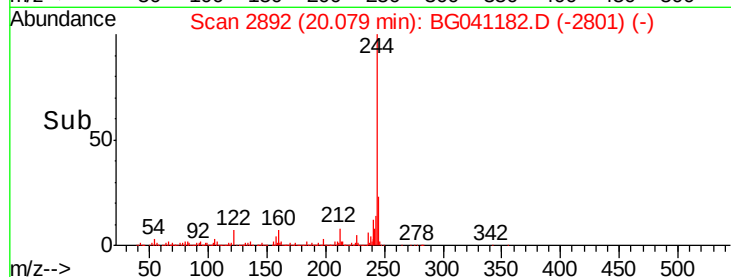
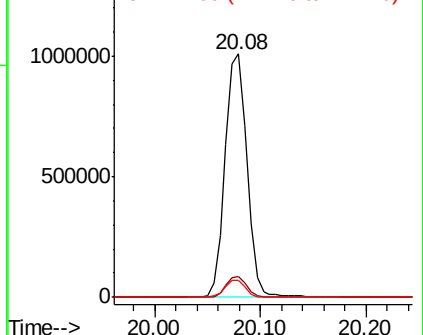
122 6.9 5.4 8.0



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: 25.09 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BG041182.D

Acq: 11 Jun 2019 10:22

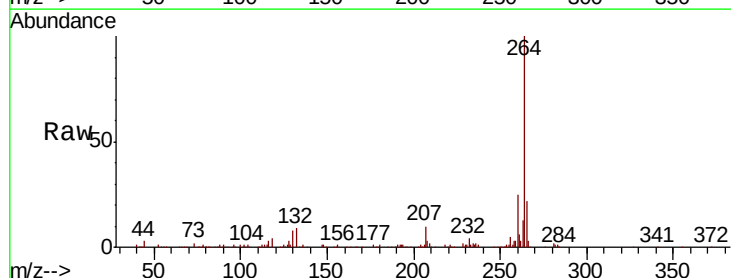
Tgt Ion:264 Resp: 285930

Ion Ratio Lower Upper

264 100

260 25.2 19.0 28.4

265 21.6 17.0 25.4



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

