

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041593.D
 Acq On : 3 Jul 2019 17:10
 Operator : HP/JU
 Sample : PB121160BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BL

Quant Time: Jul 04 00:59:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26278	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	85837	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	60461	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	183108	20.00	ng	0.00
76) Chrysene-d12	21.69	240	225777	20.00	ng	0.00
87) Perylene-d12	24.99	264	243683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	181769	123.32	ng	0.00
7) Phenol-d6	7.19	99	245823	118.47	ng	0.00
23) Nitrobenzene-d5	9.21	82	173565	84.33	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	137271	132.97	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	422738	89.72	ng	0.00
79) Terphenyl-d14	20.03	244	1084068	102.04	ng	0.00

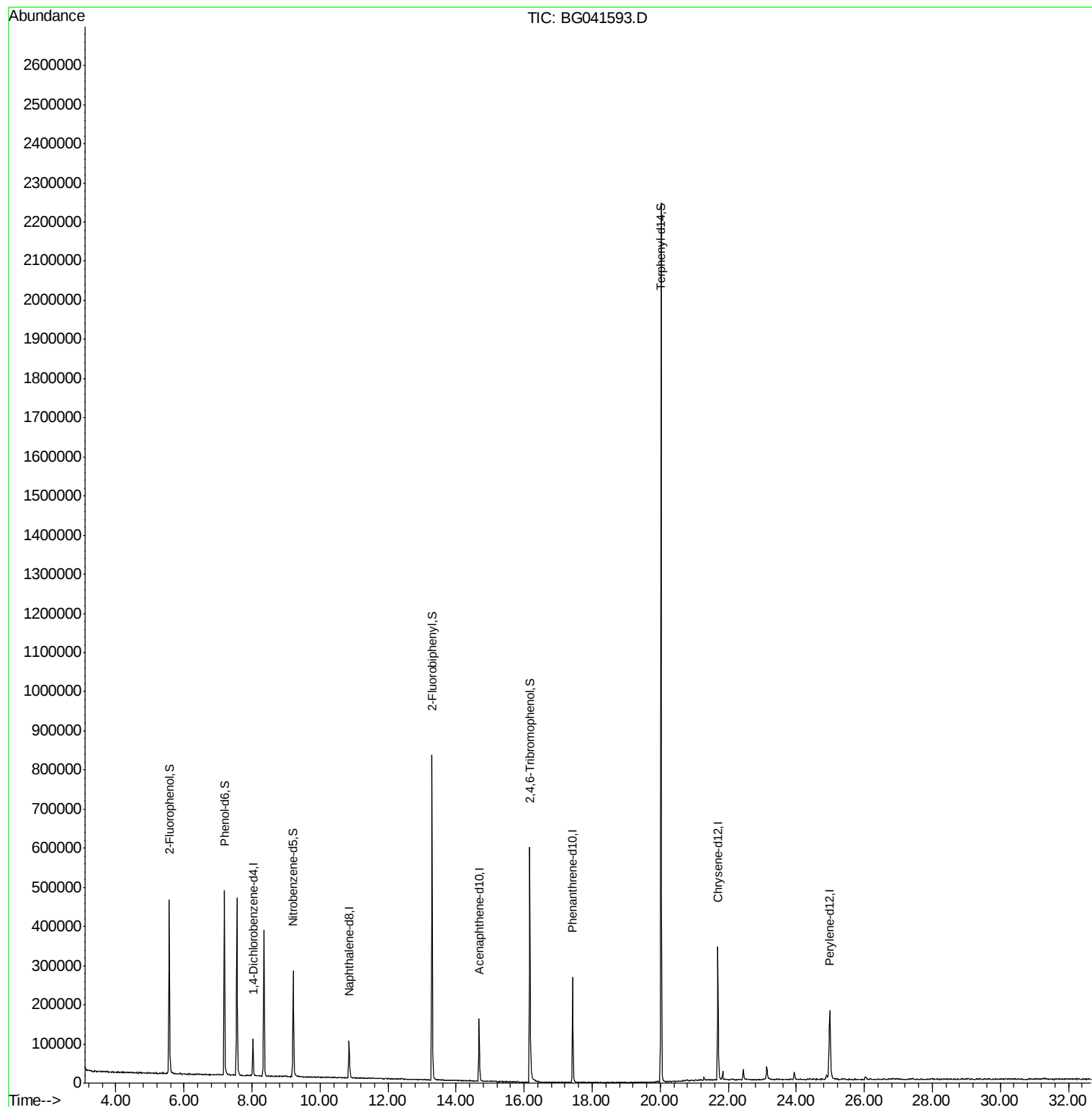
Target Compounds Qvalue

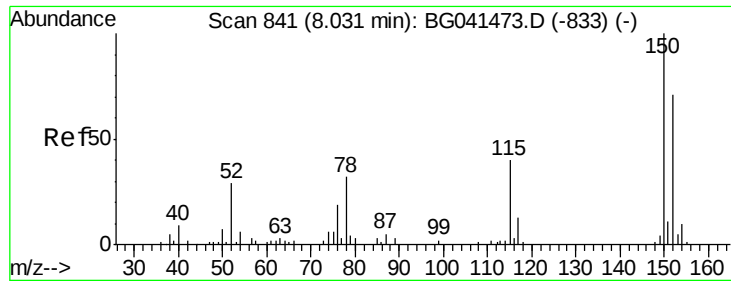
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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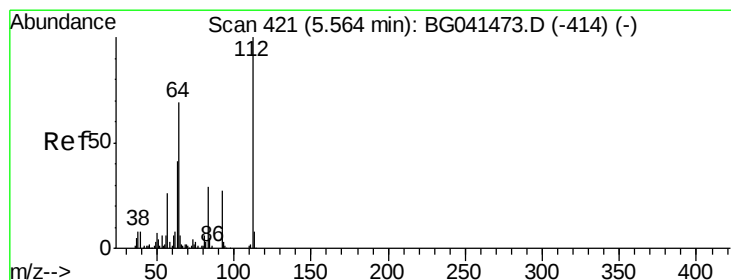
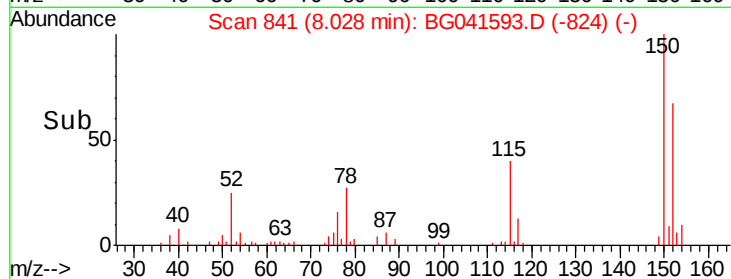
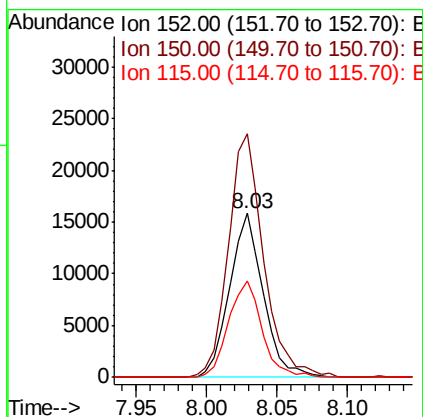
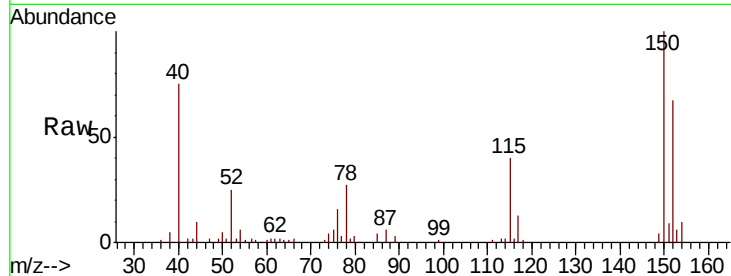


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041593.D
Acq: 3 Jul 2019 17:10

Instrument :
BNA_G
ClientSampleId :
PB121160BL

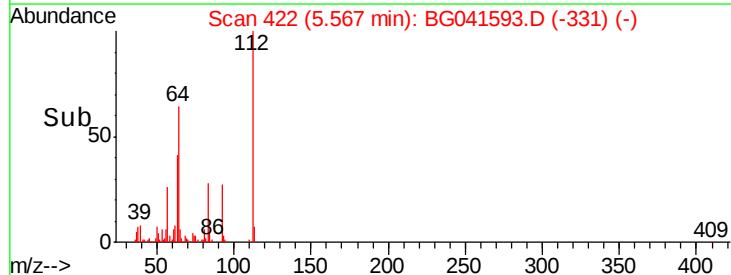
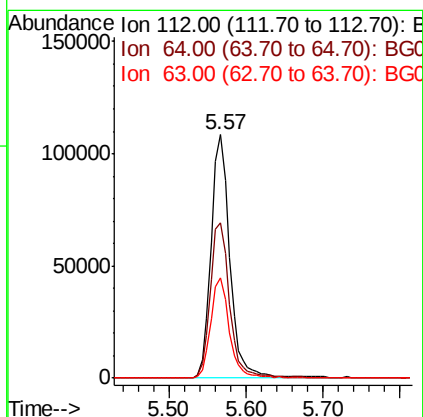
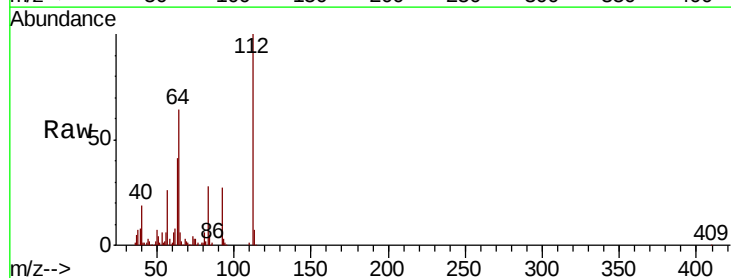
Tot Ion:152 Resp: 26278
Ion Ratio Lower Upper
152 100
150 148.3 112.4 168.6
115 58.6 44.6 66.8



#5

2-Fluorophenol
Concen: 123.323 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041593.D
Acq: 3 Jul 2019 17:10

Tgt Ion:112 Resp: 181769
Ion Ratio Lower Upper
112 100
64 63.9 55.1 82.7
63 41.2 32.4 48.6





#7

Phenol-d6

Concen: 118.474 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041593.D

Acq: 3 Jul 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB121160BL

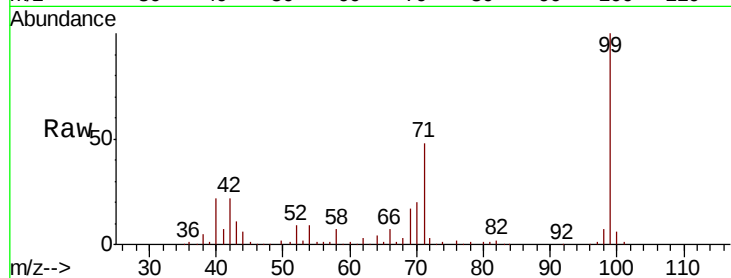
Tot Ion: 99 Resp: 245823

Ion Ratio Lower Upper

99 100

42 22.5 19.0 28.6

71 48.1 37.4 56.2

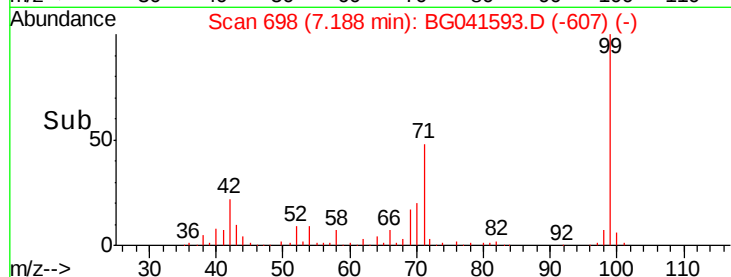
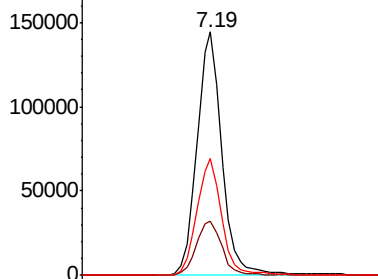


Abundance

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: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041593.D

Acq: 3 Jul 2019 17:10

Tgt Ion: 136 Resp: 85837

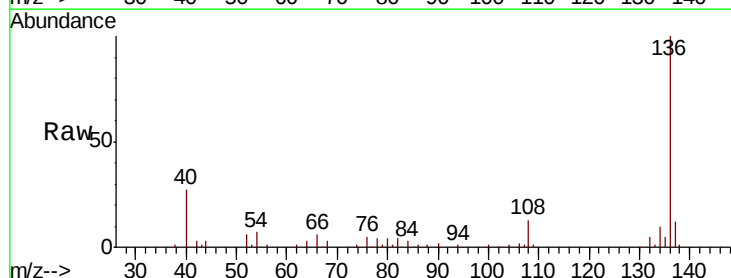
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 6.7 7.1 10.7#

68 3.0 3.3 4.9#



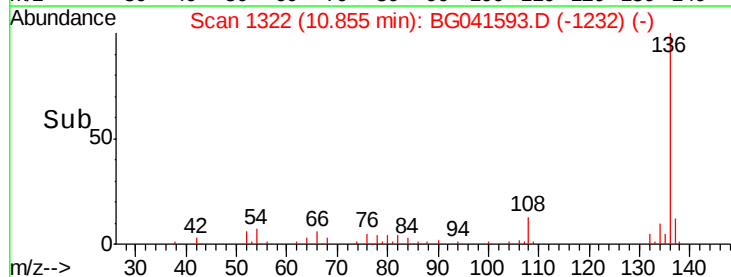
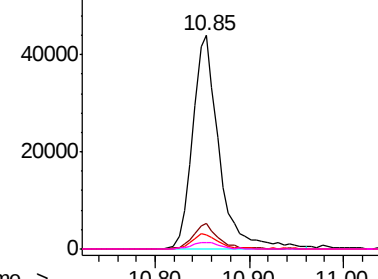
Abundance

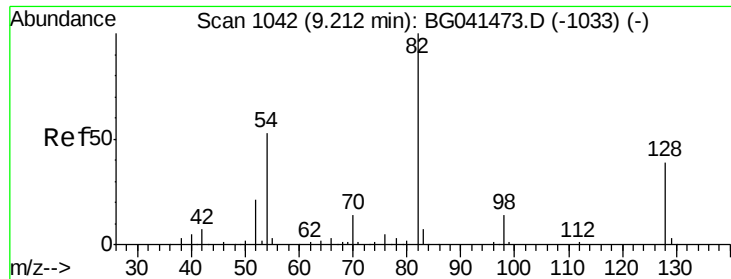
Ion 136.00 (135.70 to 136.70): BGC

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

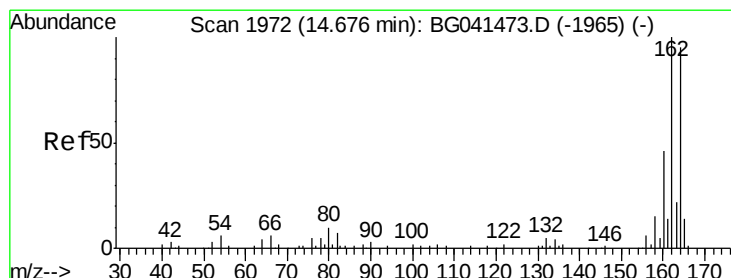
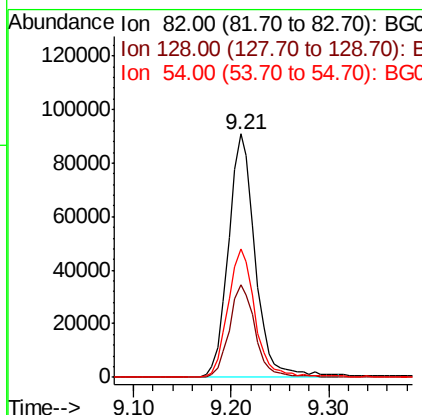
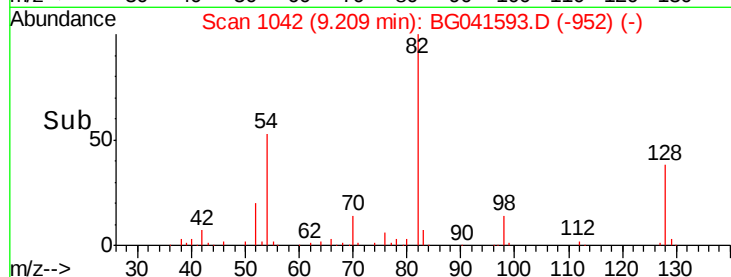
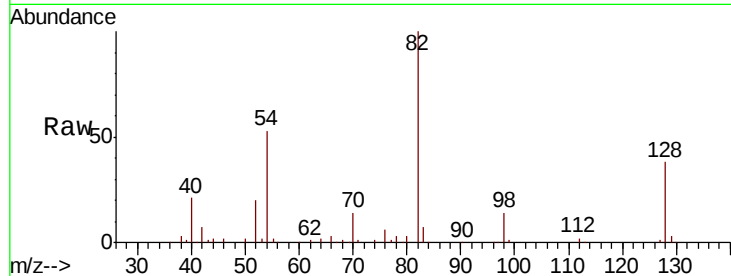




#23
 Nitrobenzene-d5
 Concen: 84.333 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041593.D
 Acq: 3 Jul 2019 17:10

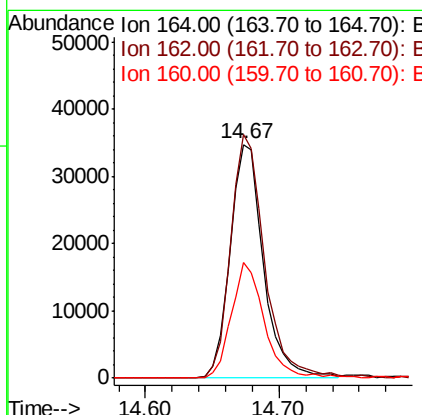
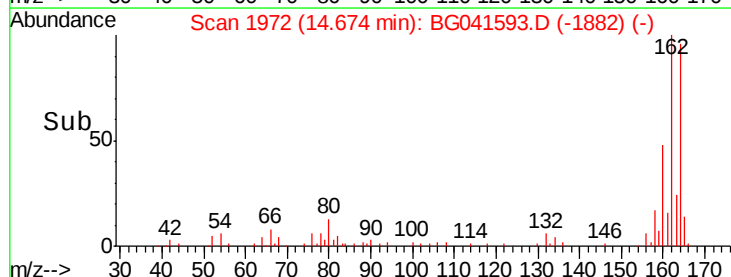
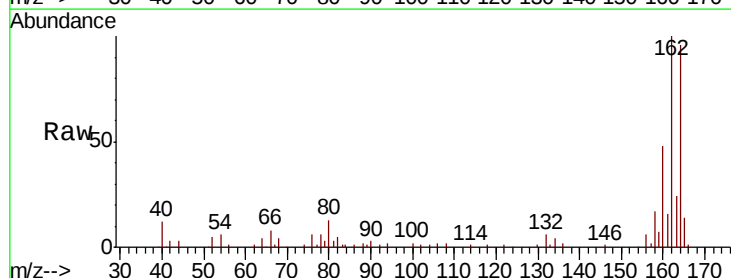
Instrument :
 BNA_G
 ClientSampleId :
 PB121160BL

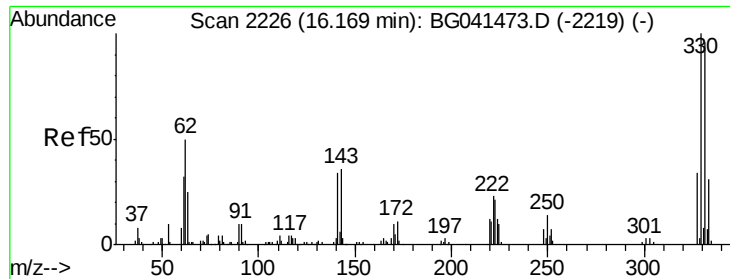
Tot Ion	82	Resp	173565
Ion Ratio	100	Lower	Upper
128	38.3	30.9	46.3
54	52.8	42.2	63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG041593.D
 Acq: 3 Jul 2019 17:10

Tgt Ion	164	Resp	60461
Ion Ratio	100	Lower	Upper
162	104.3	84.4	126.6
160	49.6	38.8	58.2





#42

2,4,6-Tribromophenol

Concen: 132.972 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041593.D

Acq: 3 Jul 2019 17:10

Instrument :

BNA_G

ClientSampleId :

PB121160BL

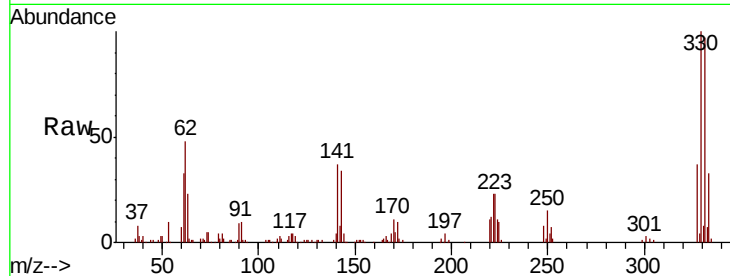
Tot Ion:330 Resp: 137271

Ion Ratio Lower Upper

330 100

332 94.4 75.5 113.3

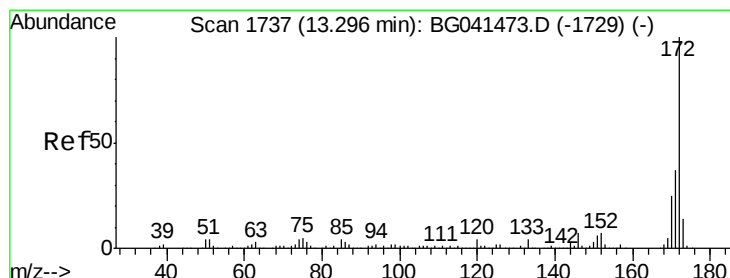
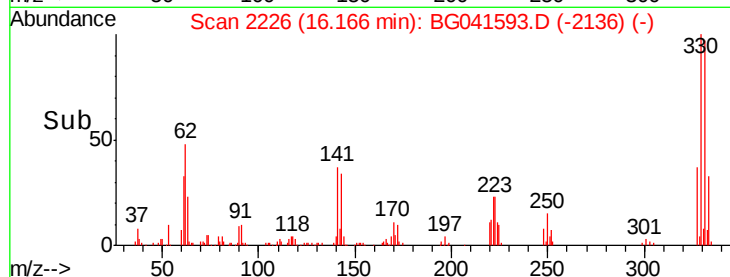
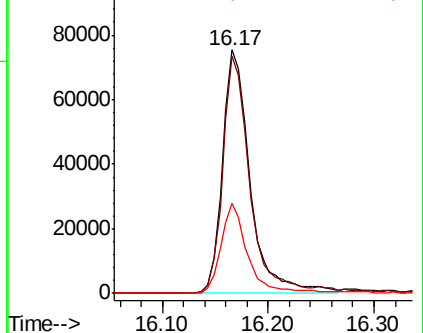
141 35.6 27.8 41.6



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: 89.724 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG041593.D

Acq: 3 Jul 2019 17:10

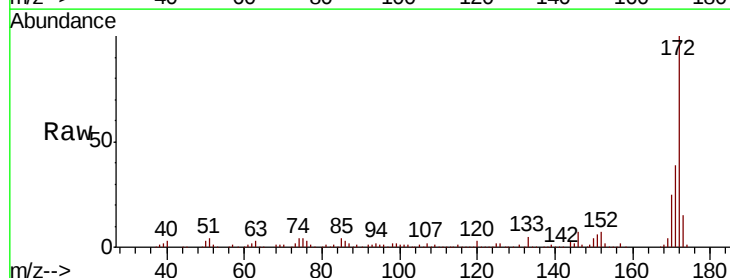
Tgt Ion:172 Resp: 422738

Ion Ratio Lower Upper

172 100

171 38.9 29.6 44.4

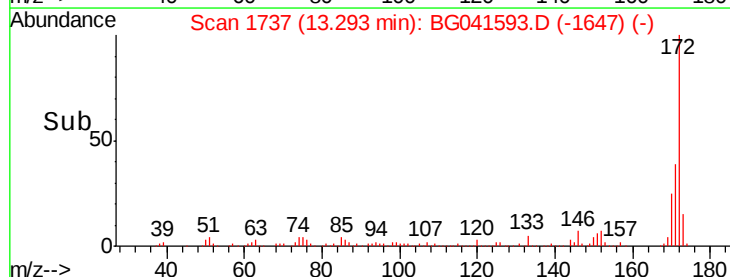
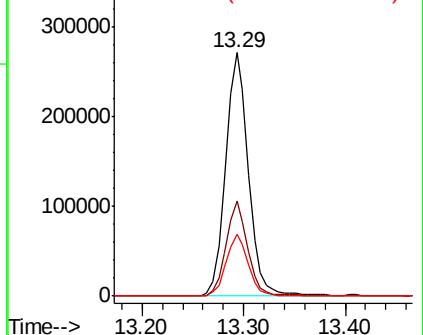
170 25.3 20.0 30.0

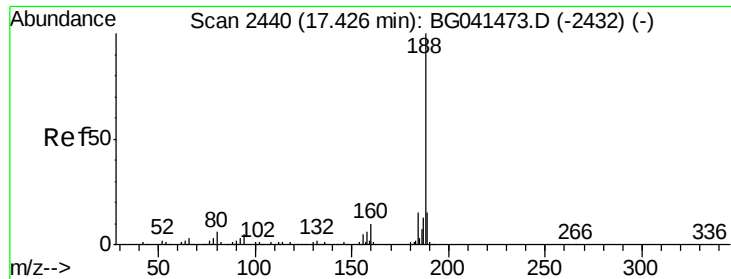


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

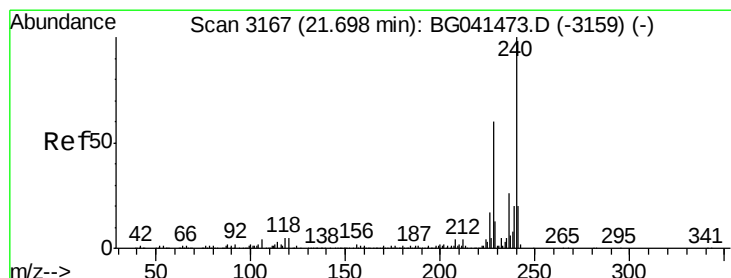
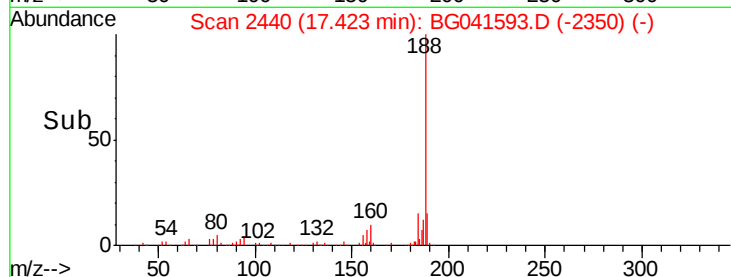
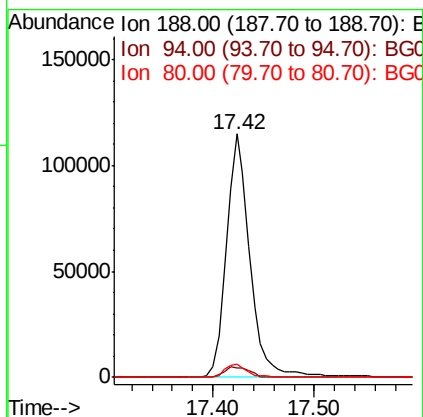
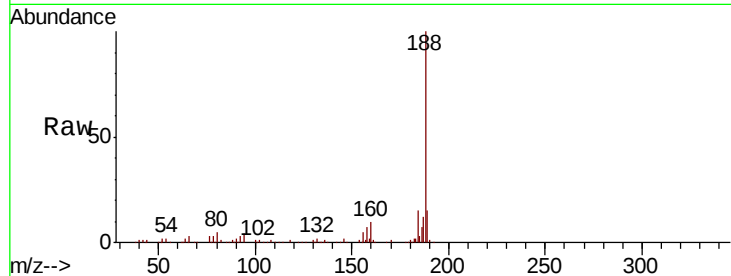




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041593.D
Acq: 3 Jul 2019 17:10

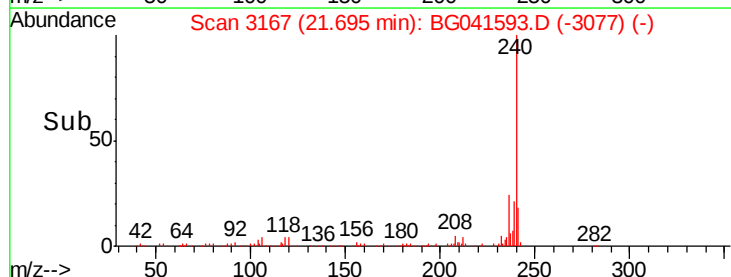
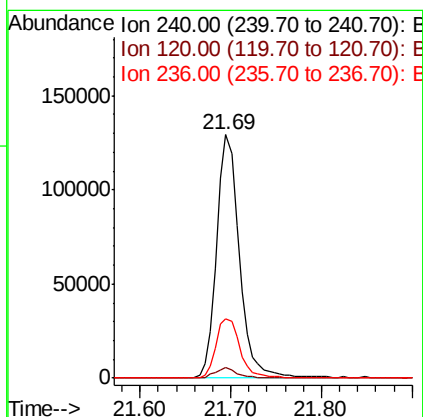
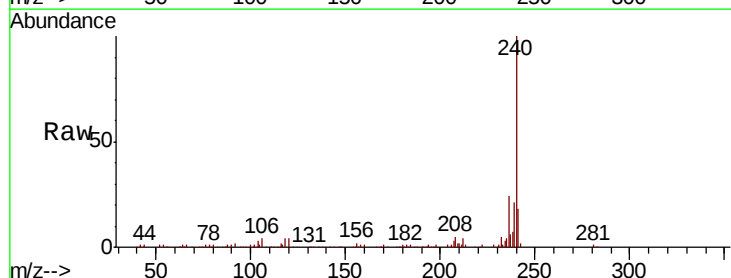
Instrument :
BNA_G
ClientSampleId :
PB121160BL

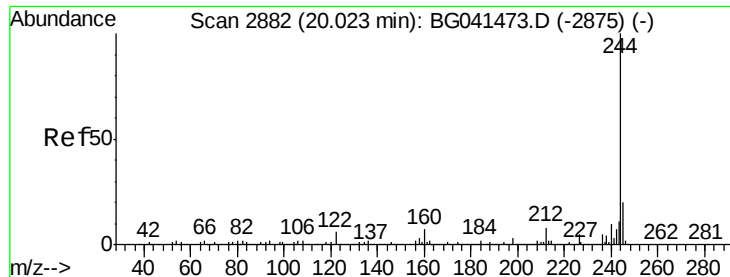
Tot Ion:188 Resp: 183108
Ion Ratio Lower Upper
188 100
94 3.7 3.8 5.8#
80 5.2 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041593.D
Acq: 3 Jul 2019 17:10

Tgt Ion:240 Resp: 225777
Ion Ratio Lower Upper
240 100
120 4.1 3.7 5.5
236 24.3 20.8 31.2





#79

Terphenyl-d14

Concen: 102.036 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041593.D

Acq: 3 Jul 2019 17:10

Instrument :

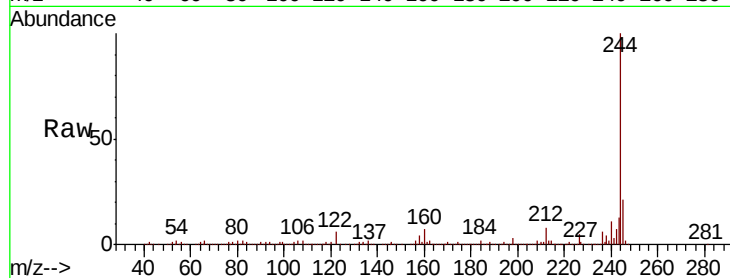
BNA_G

ClientSampled :

PB121160BL

Tot Ion:244 Resp: 1084068

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.4
122	5.5	4.8	7.2

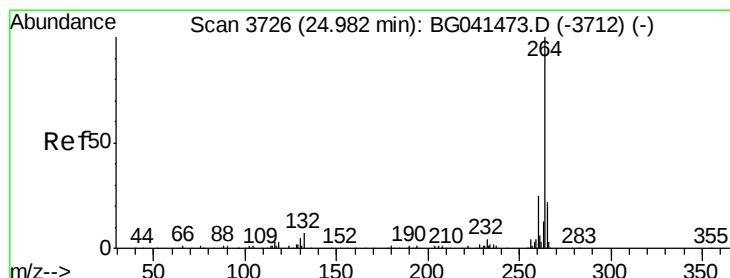
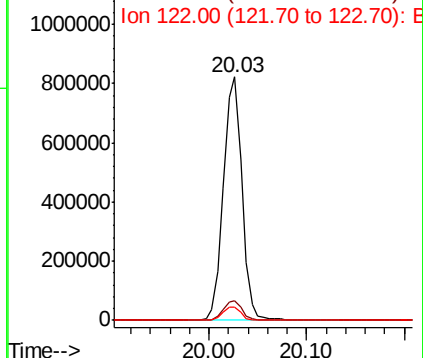
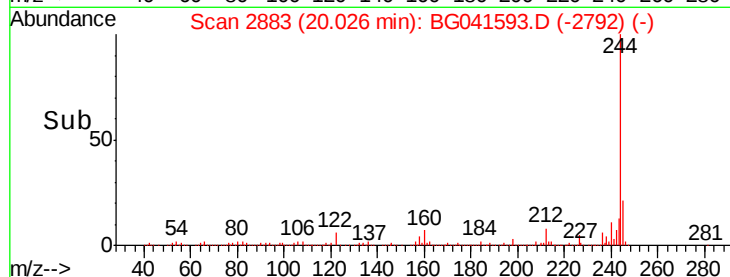


Abundance

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: 24.99 min Scan# 3727

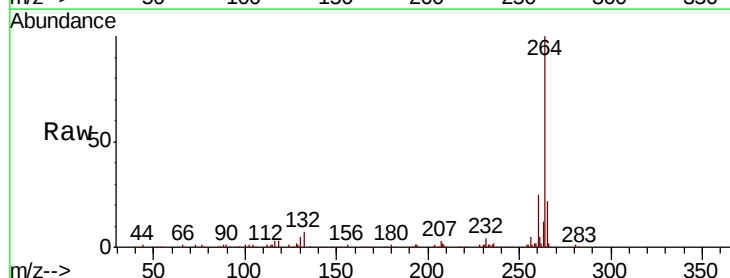
Delta R.T. 0.00 min

Lab File: BG041593.D

Acq: 3 Jul 2019 17:10

Tgt Ion:264 Resp: 243683

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.6	17.4	26.2



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

