

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040894.D
 Acq On : 12 May 2019 5:20
 Operator : HP/JU
 Sample : PB119655BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119655BL

Quant Time: May 13 04:36:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	46139	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	181814	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	139972	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	373758	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	404033	20.00	ng	-0.04
87) Perylene-d12	25.13	264	428214	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	347139	132.63	ng	-0.02
7) Phenol-d6	7.27	99	513939	127.53	ng	-0.02
23) Nitrobenzene-d5	9.31	82	347237	88.25	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	291765	151.65	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	833448	85.99	ng	-0.03
79) Terphenyl-d14	20.10	244	1618534	88.75	ng	-0.03

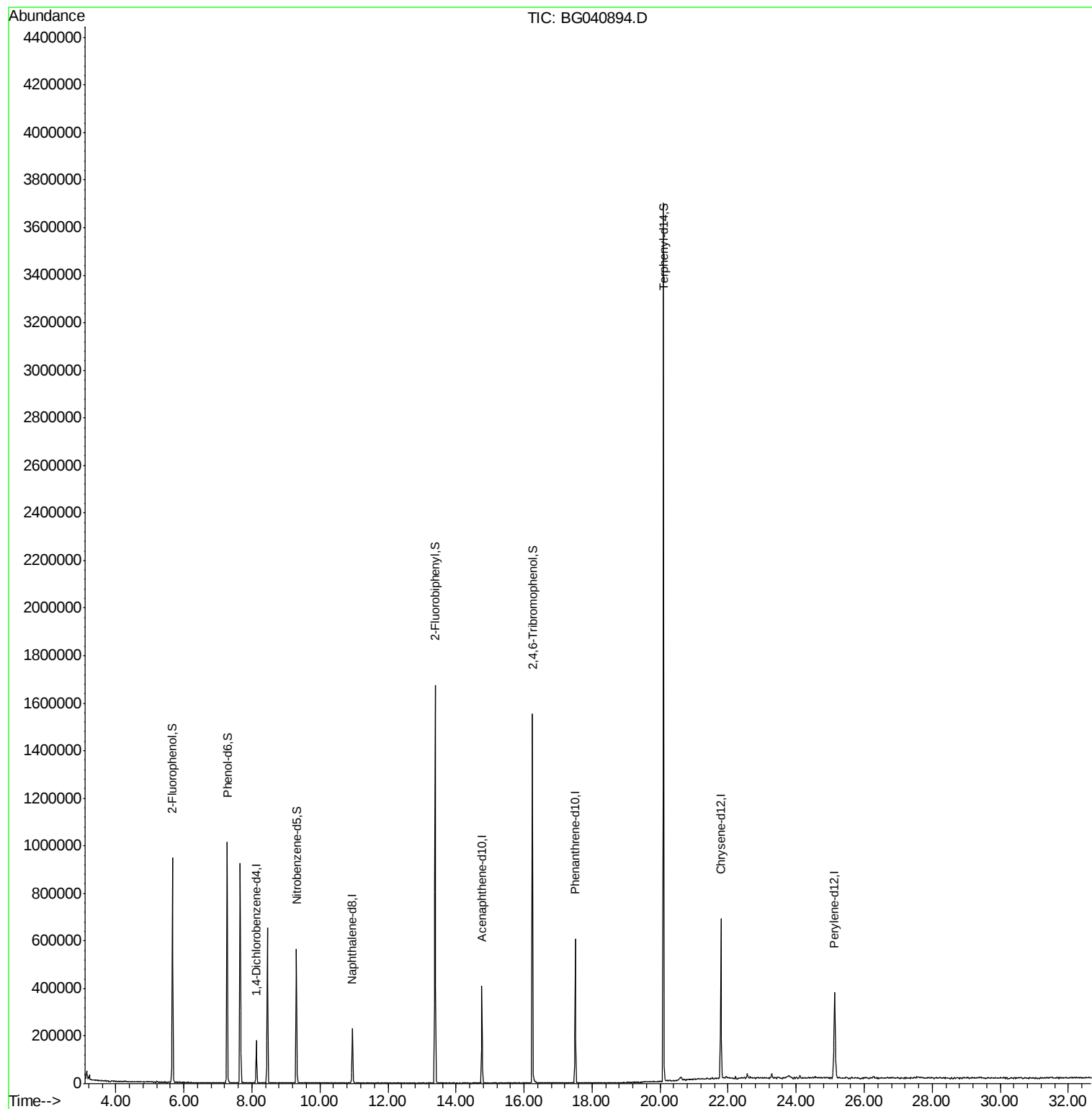
Target Compounds	Qvalue
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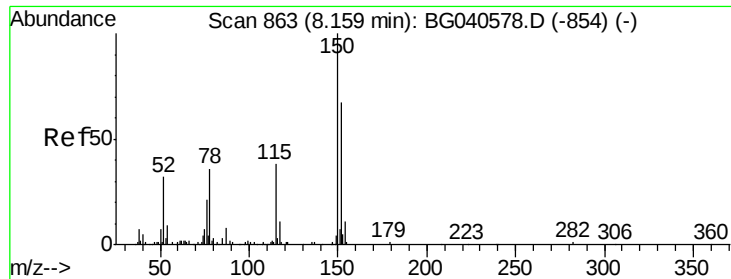
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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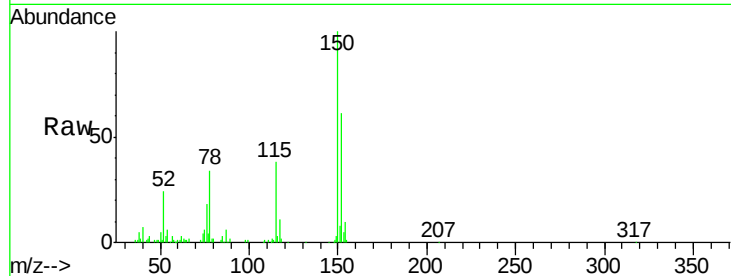


#1

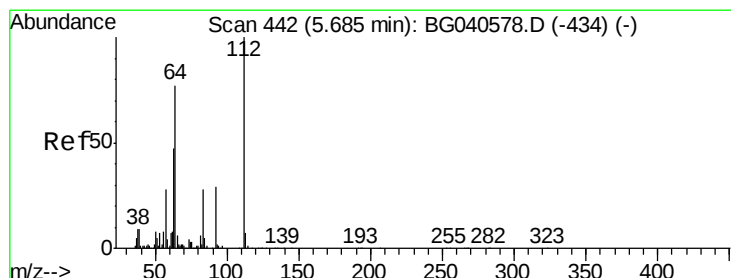
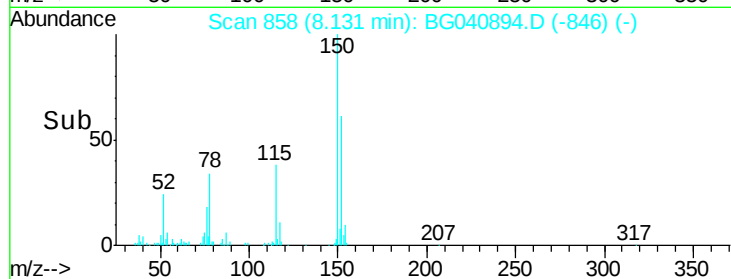
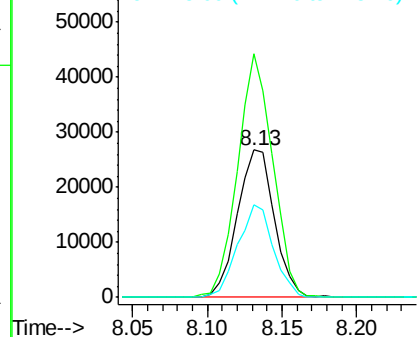
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040894.D
Acq: 12 May 2019 5:20

Instrument :
BNA_G
ClientSampleId :
PB119655BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.2	120.2	180.2
115	63.0	46.2	69.2



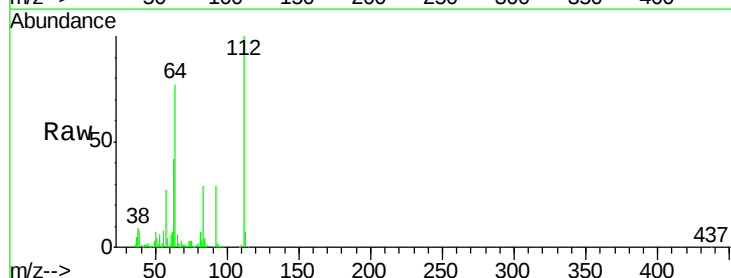
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



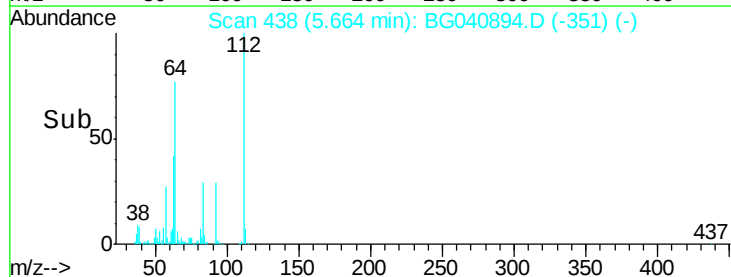
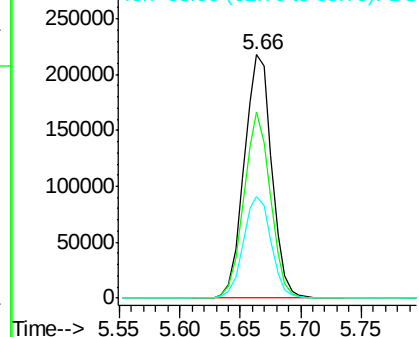
#5

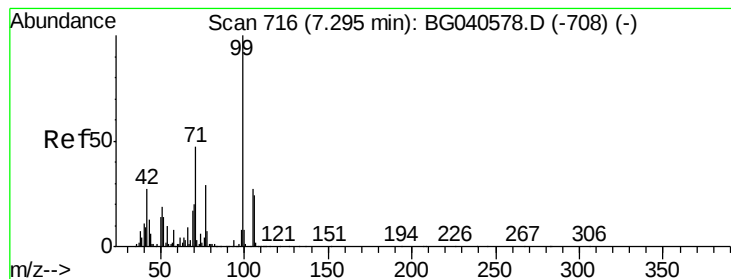
2-Fluorophenol
Concen: 132.626 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040894.D
Acq: 12 May 2019 5:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.4	92.0
63	41.7	37.8	56.6



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: 127.525 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

Instrument :

BNA_G

ClientSampleId :

PB119655BL

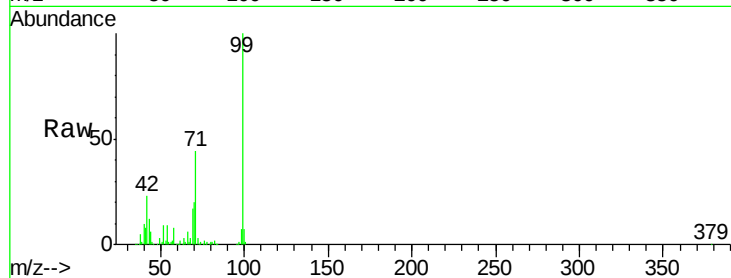
Tgt Ion: 99 Resp: 513939

Ion Ratio Lower Upper

99 100

42 22.7 21.8 32.8

71 44.5 38.6 57.8

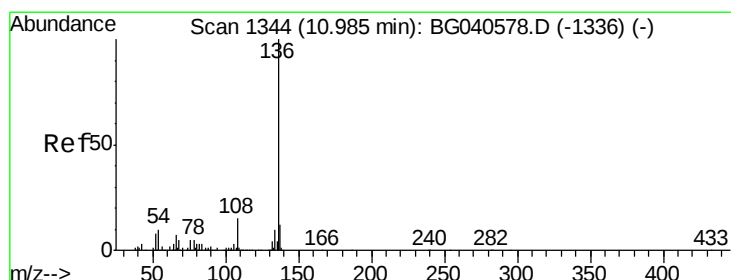
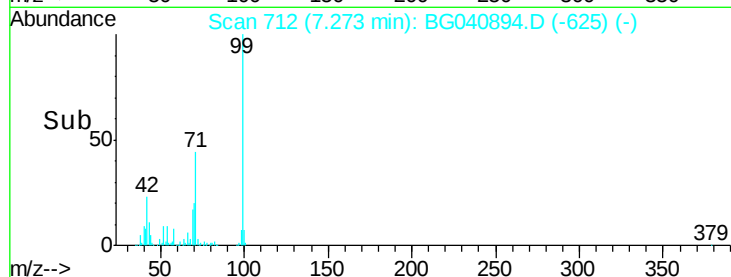
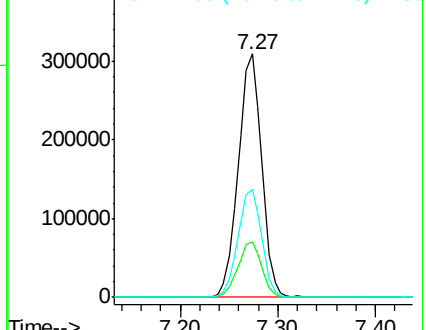


Abundance

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: 10.95 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

Tgt Ion: 136 Resp: 181814

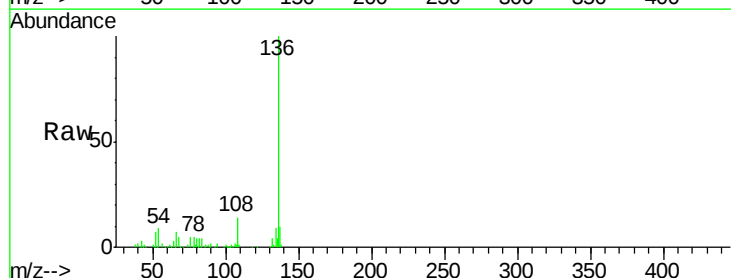
Ion Ratio Lower Upper

136 100

137 10.3 9.7 14.5

54 9.0 8.6 12.8

68 5.2 4.8 7.2



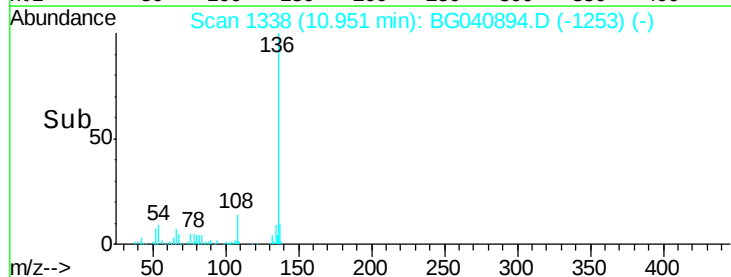
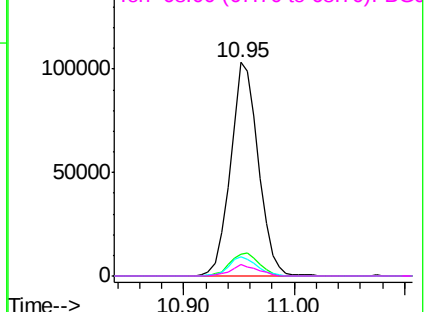
Abundance

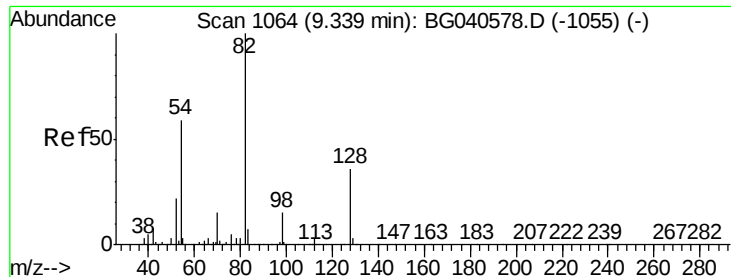
Ion 136.00 (135.70 to 136.70): BGC

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: 88.247 ng

RT: 9.31 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

Instrument :

BNA_G

ClientSampleId :

PB119655BL

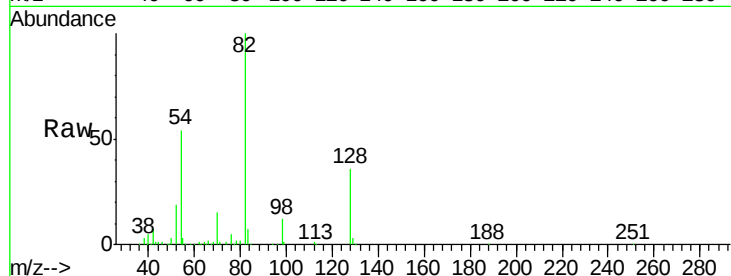
Tgt Ion: 82 Resp: 347237

Ion Ratio Lower Upper

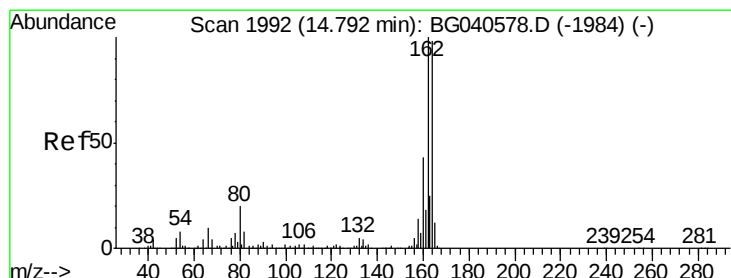
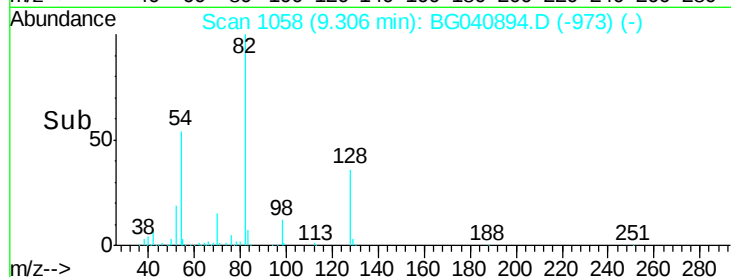
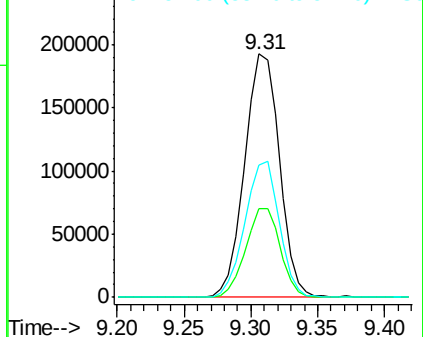
82 100

128 36.2 28.9 43.3

54 54.1 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

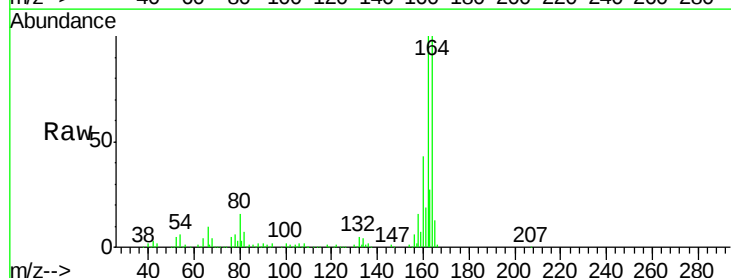
Tgt Ion: 164 Resp: 139972

Ion Ratio Lower Upper

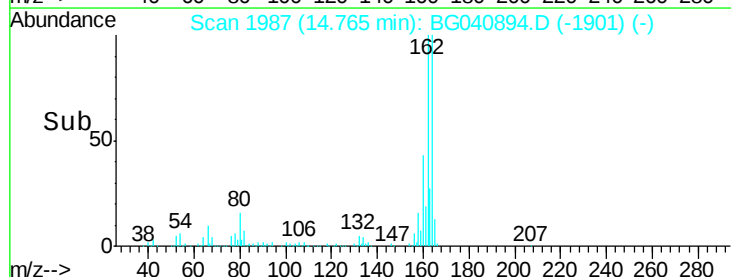
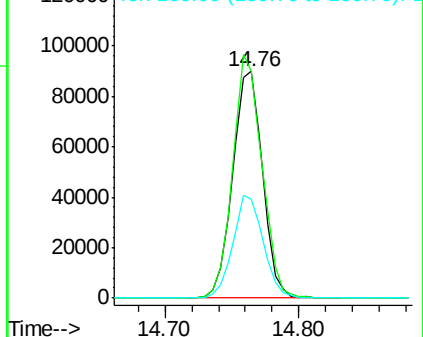
164 100

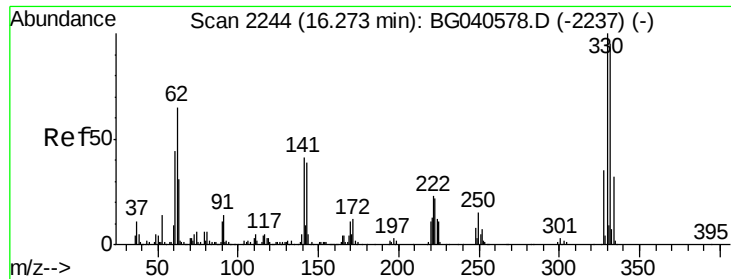
162 99.8 81.9 122.9

160 43.3 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

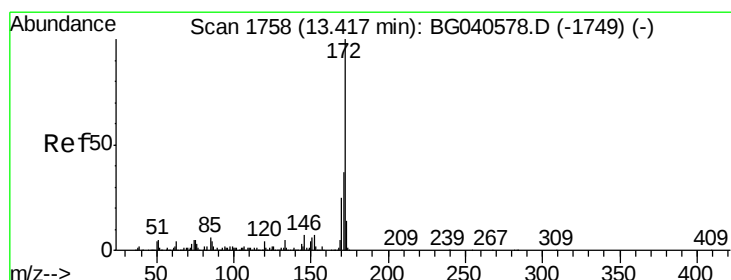
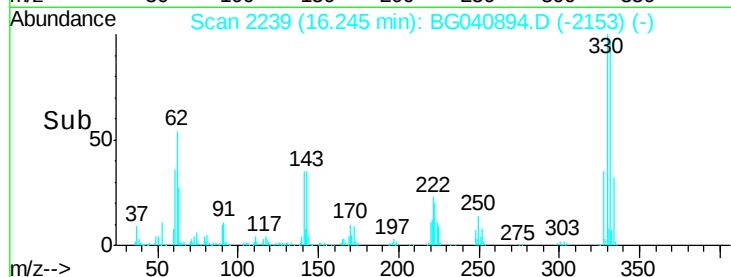
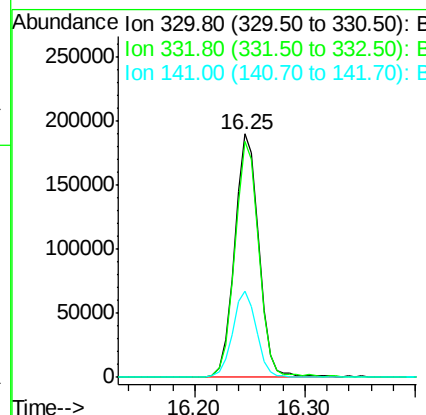
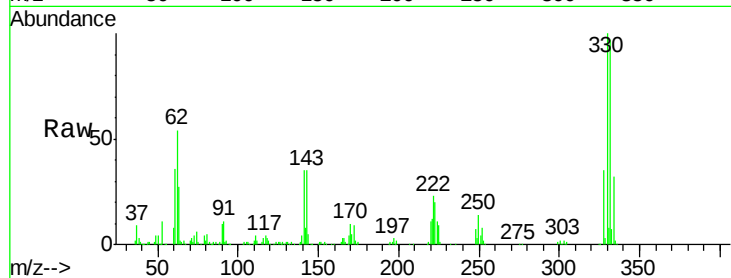




#42
2,4,6-Tribromophenol
Concen: 151.649 ng
RT: 16.25 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040894.D
Acq: 12 May 2019 5:20

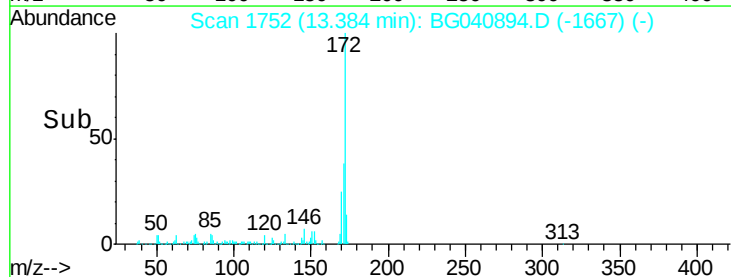
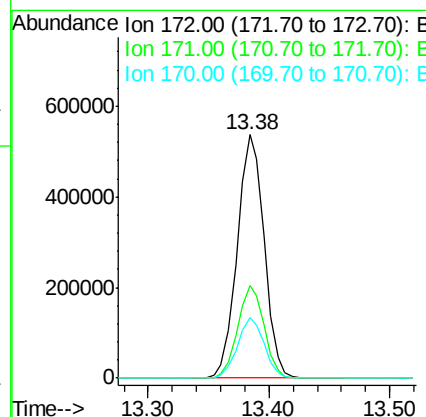
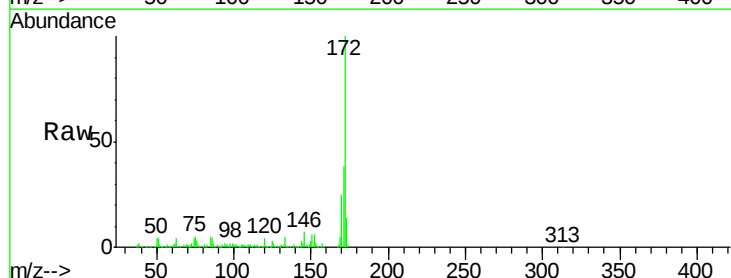
Instrument :
BNA_G
ClientSampleId :
PB119655BL

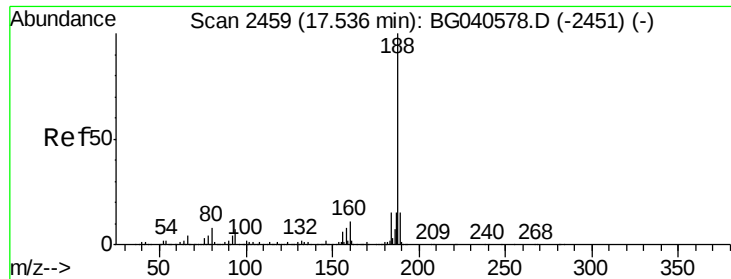
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.9	113.9
141	35.2	32.4	48.6



#45
2-Fluorobiphenyl
Concen: 85.993 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040894.D
Acq: 12 May 2019 5:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.1	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.03 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

Instrument :

BNA_G

ClientSampleId :

PB119655BL

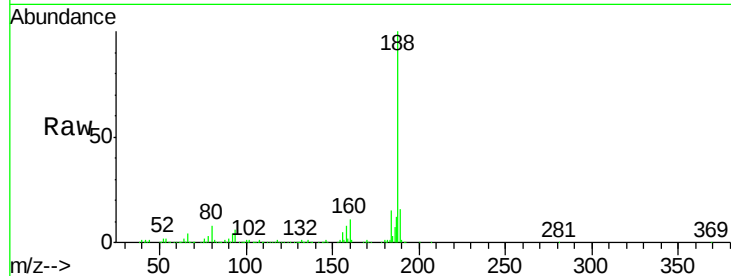
Tgt Ion:188 Resp: 373758

Ion Ratio Lower Upper

188 100

94 6.2 5.6 8.4

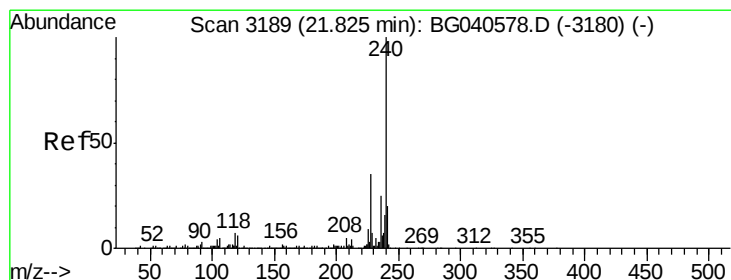
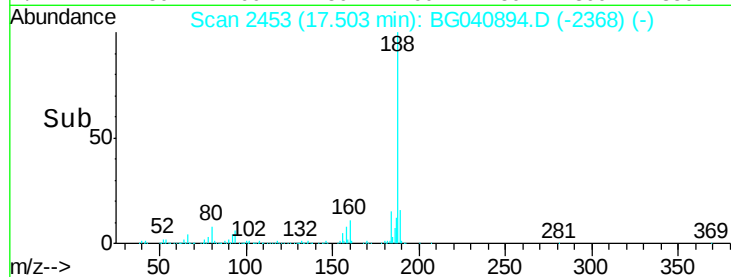
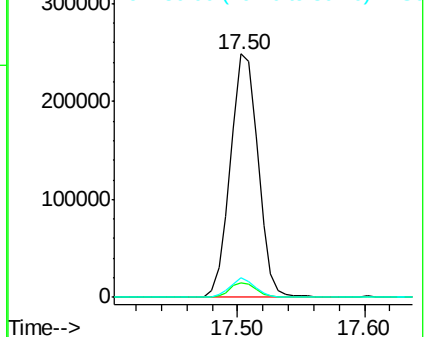
80 7.8 6.4 9.6



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: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

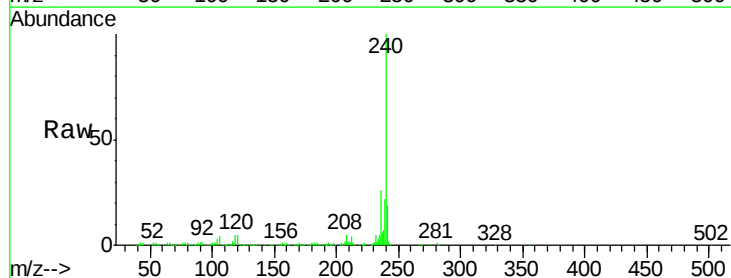
Tgt Ion:240 Resp: 404033

Ion Ratio Lower Upper

240 100

120 4.8 5.0 7.6#

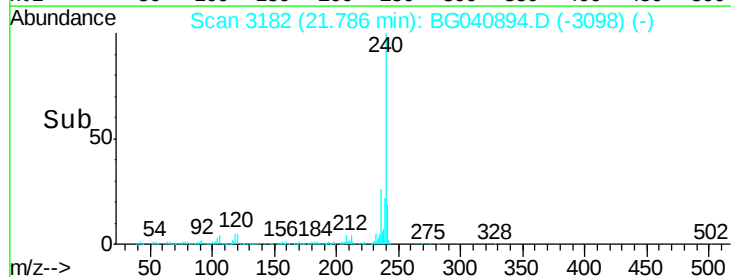
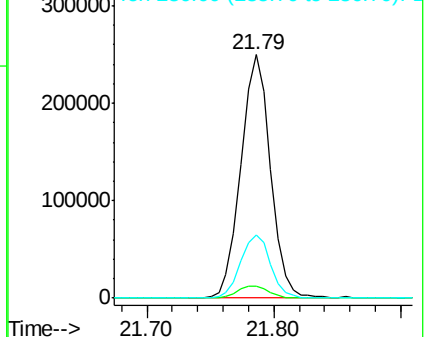
236 25.7 20.3 30.5

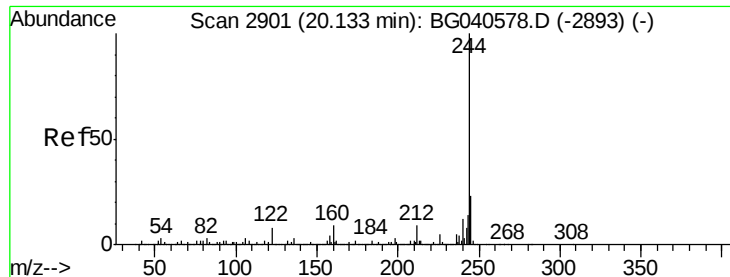


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.749 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

Instrument :

BNA_G

ClientSampleId :

PB119655BL

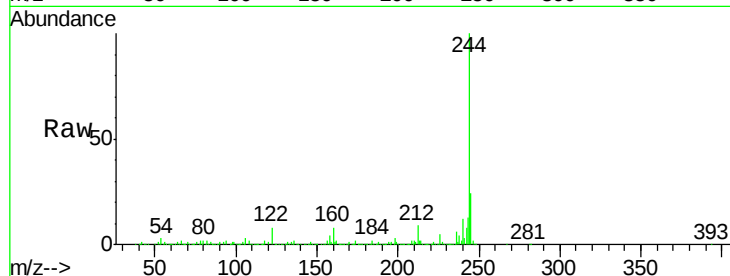
Tgt Ion:244 Resp: 1618534

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

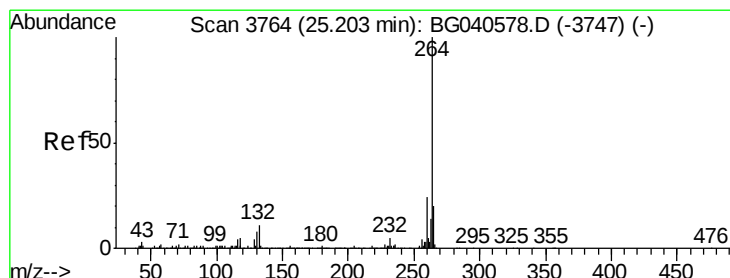
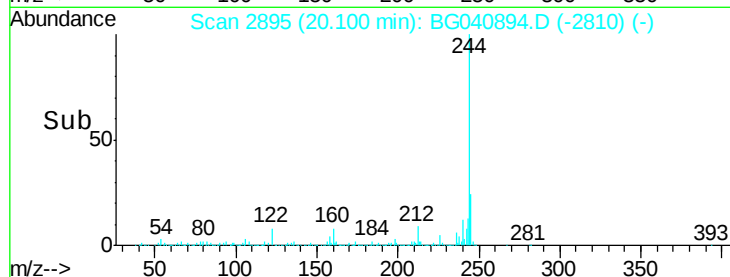
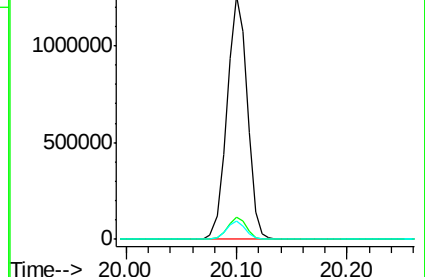
122 7.6 6.6 10.0



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: 25.13 min Scan# 3751

Delta R.T. -0.07 min

Lab File: BG040894.D

Acq: 12 May 2019 5:20

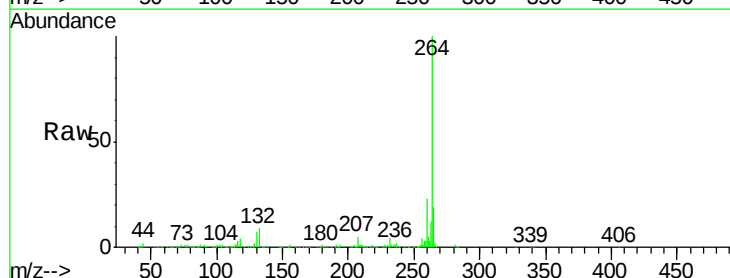
Tgt Ion:264 Resp: 428214

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 19.4 16.6 25.0



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

