

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041172.D
 Acq On : 10 Jun 2019 20:48
 Operator : HP/JU
 Sample : K3193-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-4-OW

Quant Time: Jun 11 05:20:42 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	48207	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	188411	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	142343	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	345342	20.00	ng	0.00
76) Chrysene-d12	21.75	240	338113	20.00	ng	0.00
87) Perylene-d12	25.09	264	324878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	126178	47.20	ng	0.00
7) Phenol-d6	7.25	99	194586	47.13	ng	0.00
23) Nitrobenzene-d5	9.29	82	378910	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	189617	89.73	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	894426	90.49	ng	0.00
79) Terphenyl-d14	20.07	244	1269251	79.67	ng	0.00

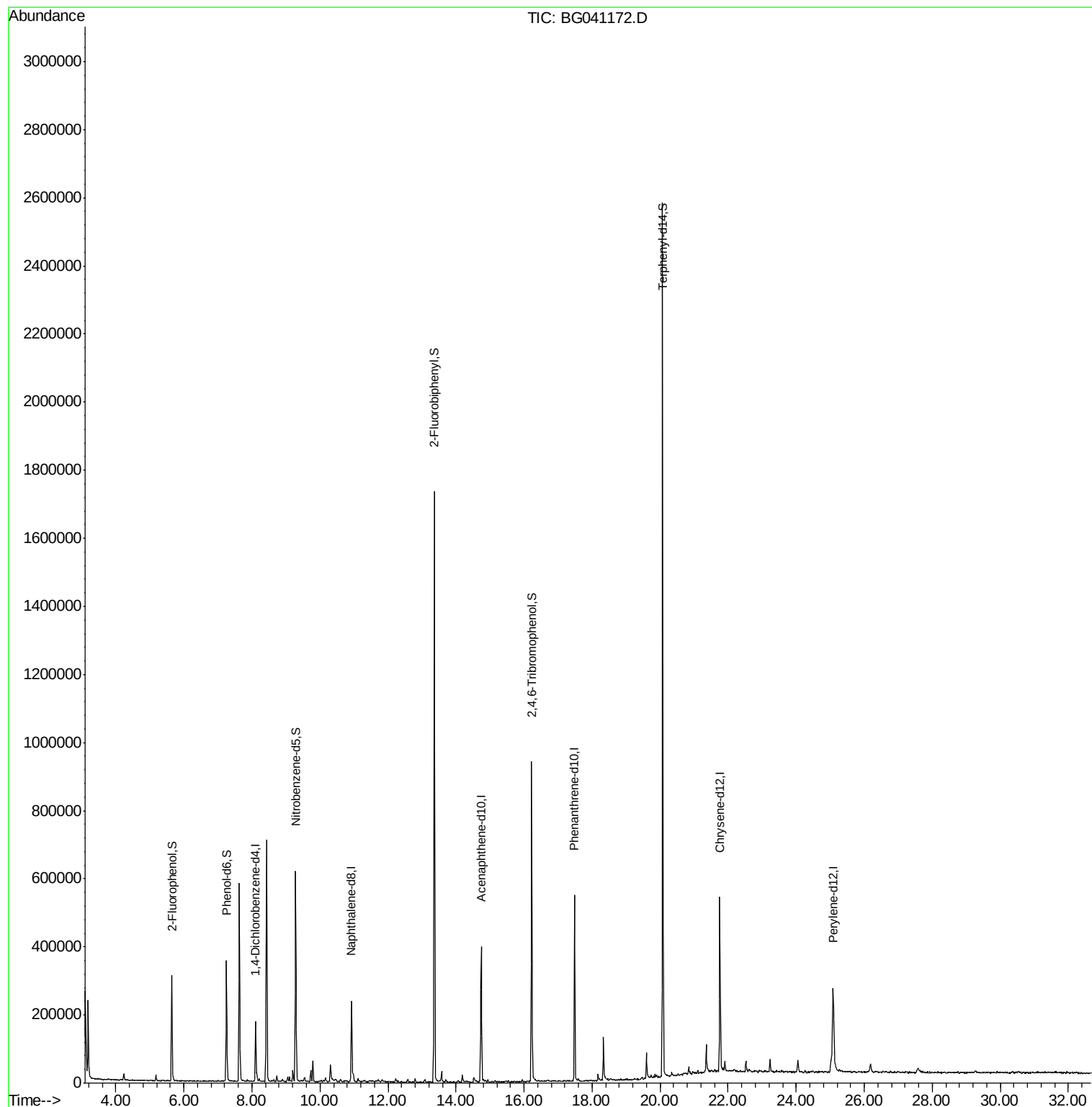
Target Compounds Qvalue

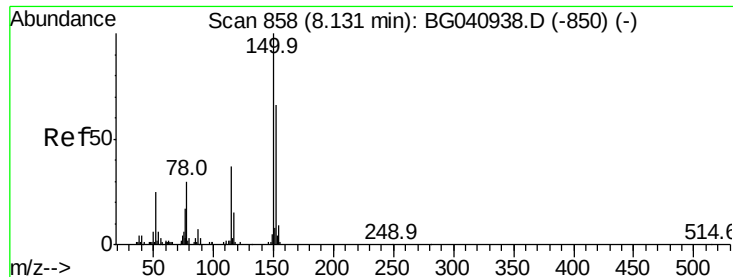
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG041172.D

Acq: 10 Jun 2019 20:48

Instrument :

BNA_G

ClientSampleId :

P-4-OW

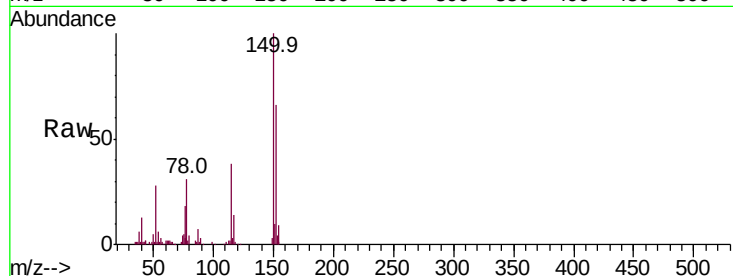
Tot Ion:152 Resp: 48207

Ion Ratio Lower Upper

152 100

150 150.9 120.6 180.8

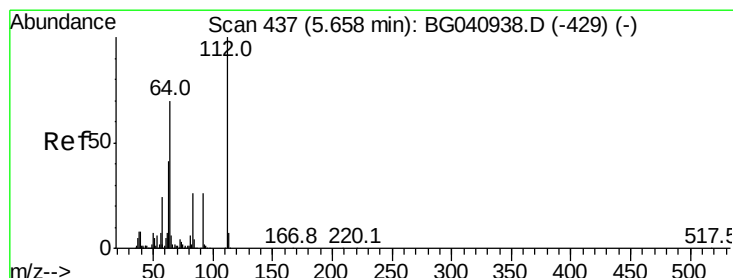
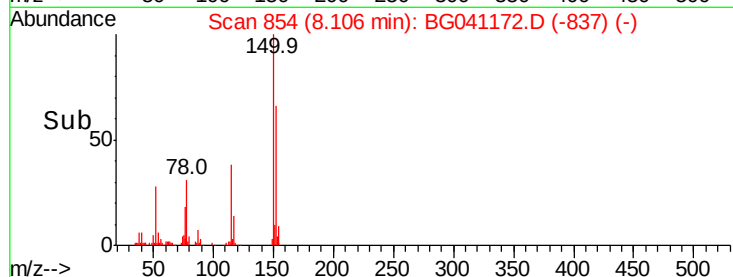
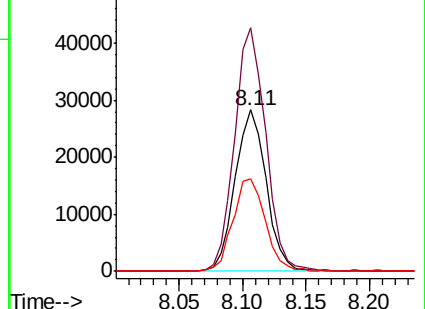
115 57.5 45.1 67.7



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: 47.198 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041172.D

Acq: 10 Jun 2019 20:48

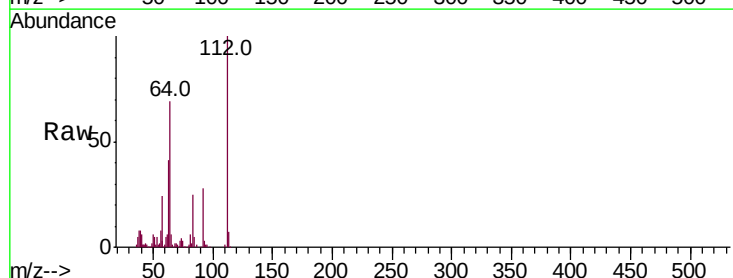
Tgt Ion:112 Resp: 126178

Ion Ratio Lower Upper

112 100

64 69.5 56.2 84.2

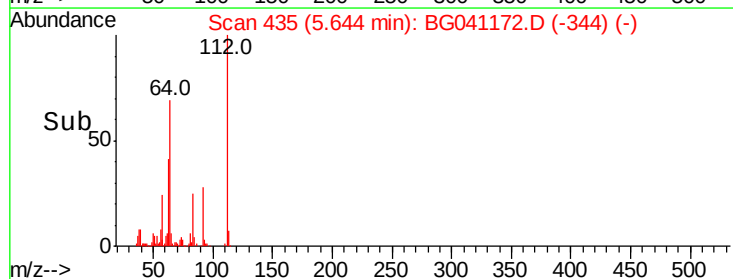
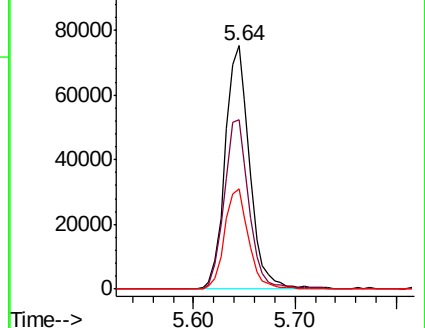
63 41.2 32.8 49.2

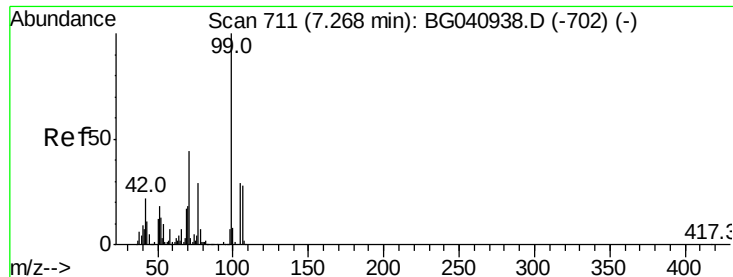


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 47.129 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041172.D

Acq: 10 Jun 2019 20:48

Instrument :

BNA_G

ClientSampleId :

P-4-OW

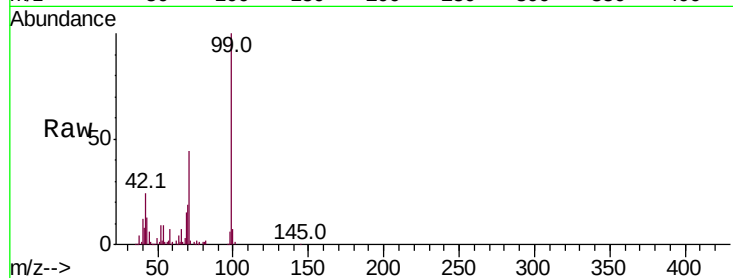
Tot Ion: 99 Resp: 194586

Ion Ratio Lower Upper

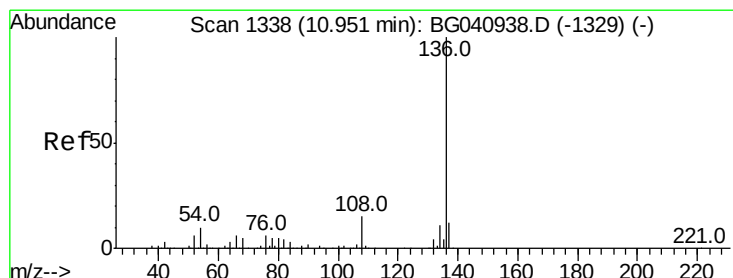
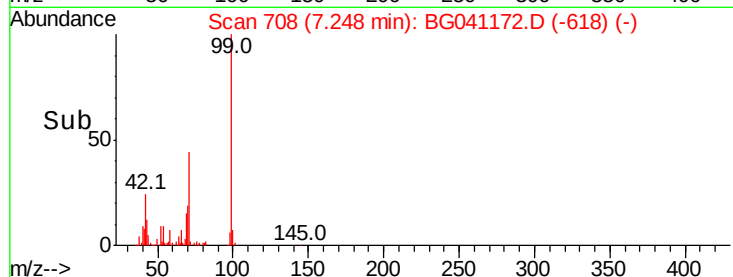
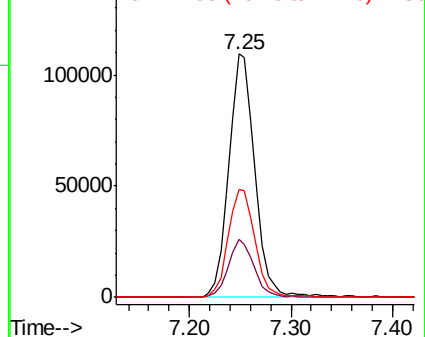
99 100

42 23.8 17.9 26.9

71 44.3 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: BG041172.D

Acq: 10 Jun 2019 20:48

Tgt Ion: 136 Resp: 188411

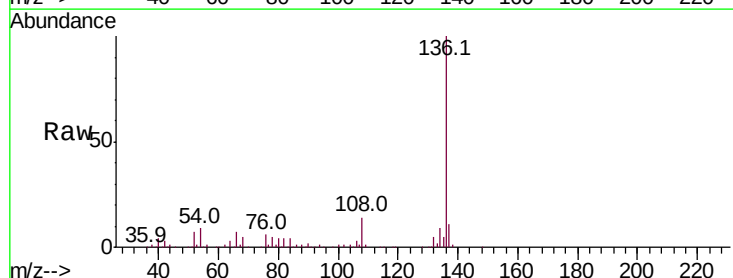
Ion Ratio Lower Upper

136 100

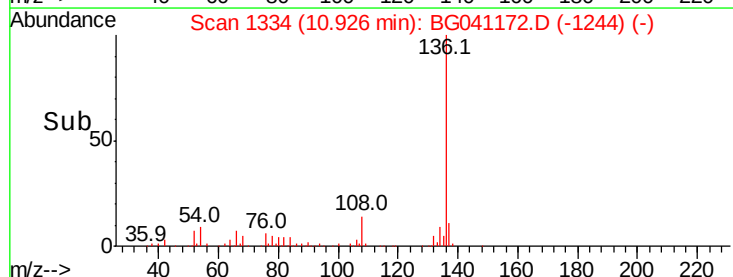
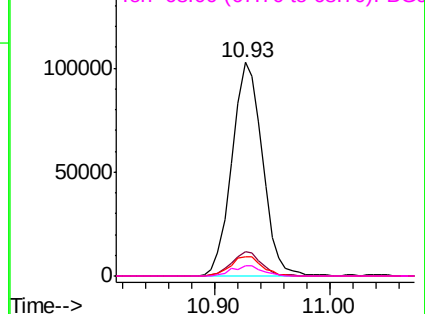
137 11.3 9.5 14.3

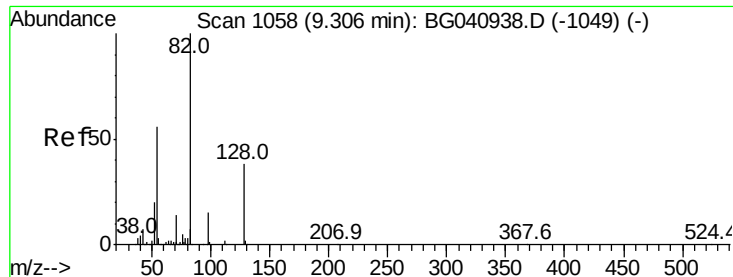
54 8.8 7.6 11.4

68 4.7 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

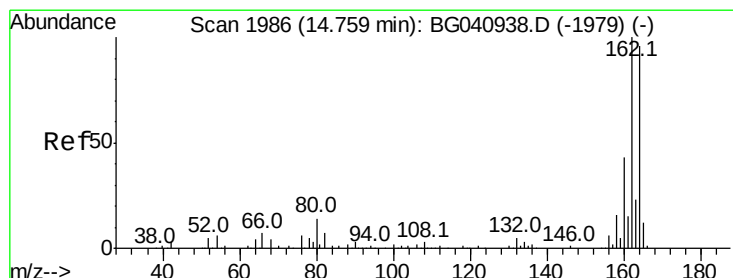
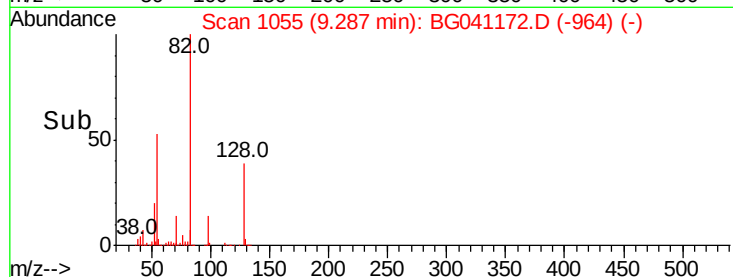
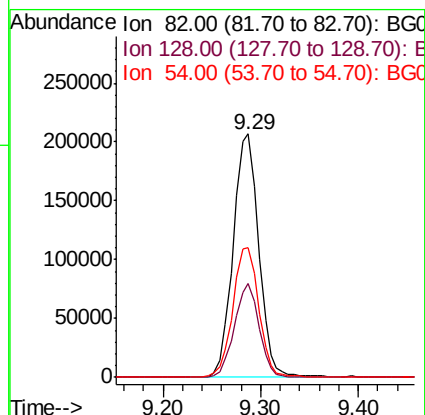
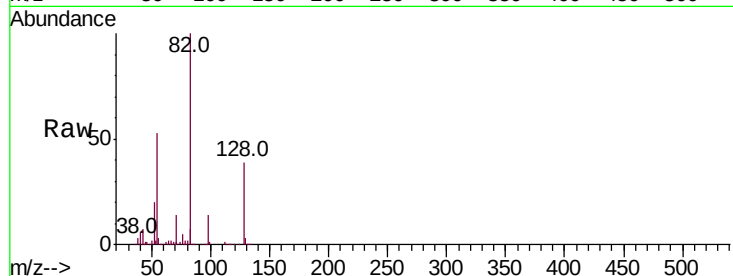




#23
 Nitrobenzene-d5
 Concen: 89.279 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041172.D
 Acq: 10 Jun 2019 20:48

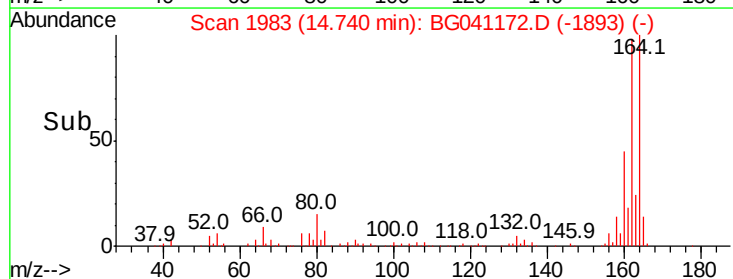
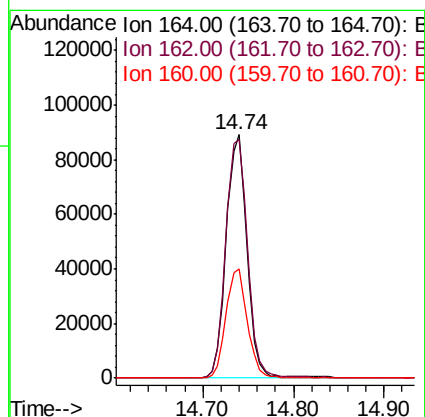
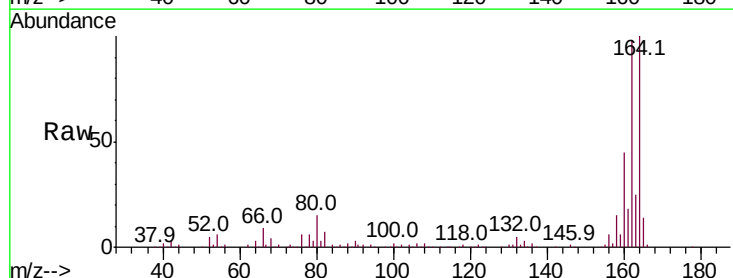
Instrument :
 BNA_G
 ClientSampled :
 P-4-OW

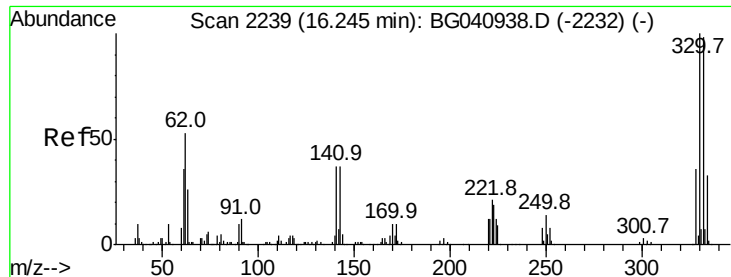
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.5	45.7
54	53.1	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG041172.D
 Acq: 10 Jun 2019 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	83.0	124.4
160	45.1	35.6	53.4

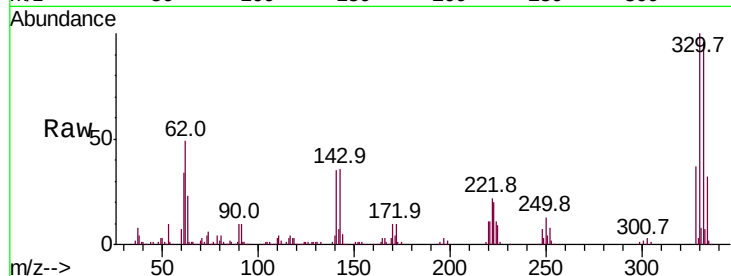




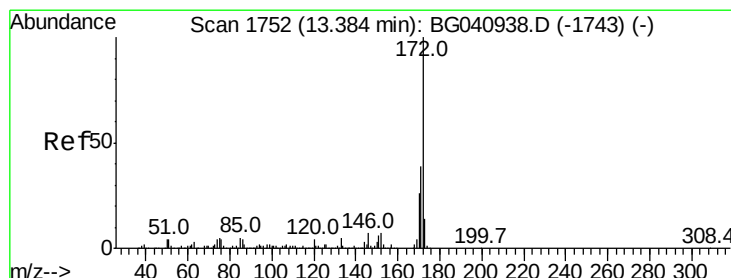
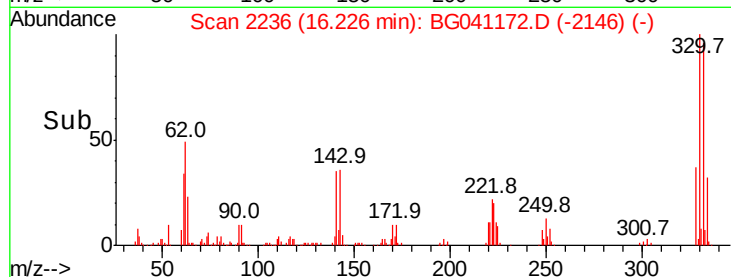
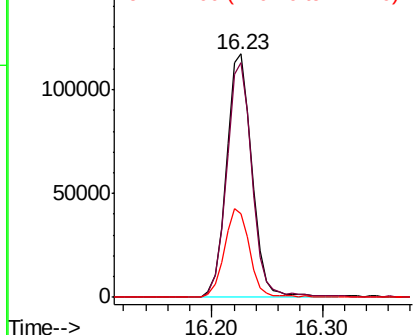
#42
 2,4,6-Tribromophenol
 Concen: 89.731 ng
 RT: 16.23 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BG041172.D
 Acq: 10 Jun 2019 20:48

Instrument :
 BNA_G
 ClientSampleId :
 P-4-OW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.5	117.7
141	35.7	28.7	43.1

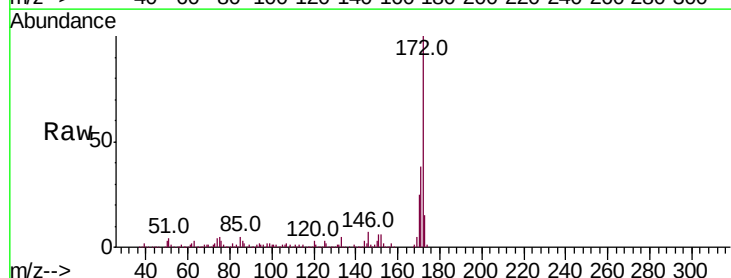


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

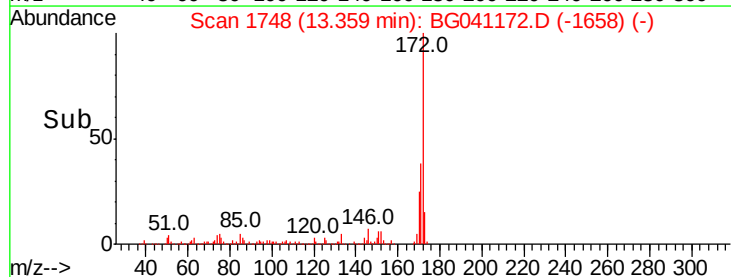
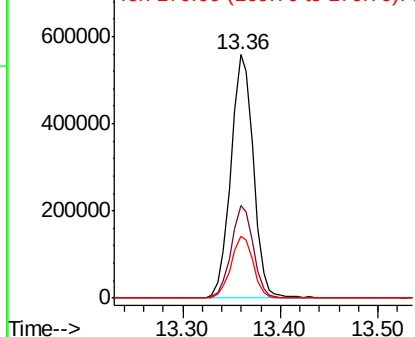


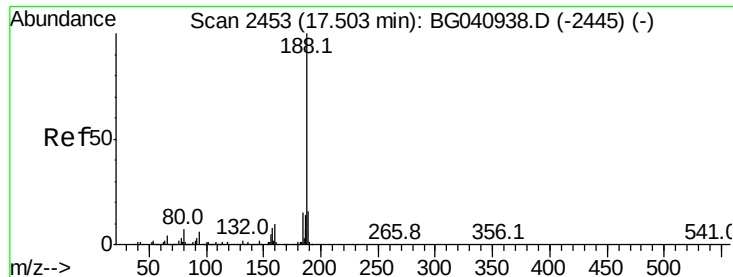
#45
 2-Fluorobiphenyl
 Concen: 90.491 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041172.D
 Acq: 10 Jun 2019 20:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.3	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: BG041172.D

Acq: 10 Jun 2019 20:48

Instrument :

BNA_G

ClientSampleId :

P-4-OW

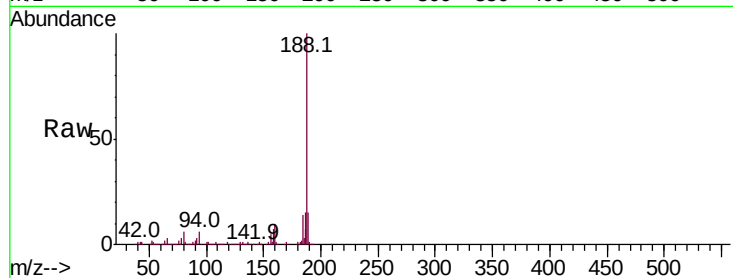
Tot Ion:188 Resp: 345342

Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

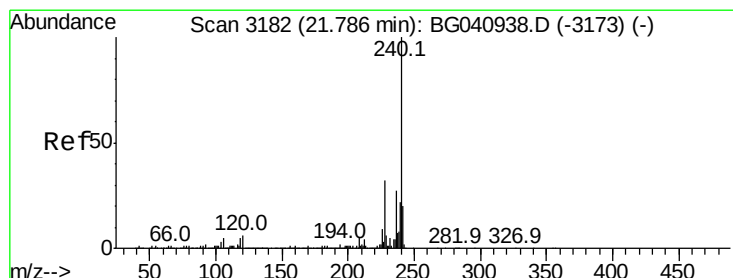
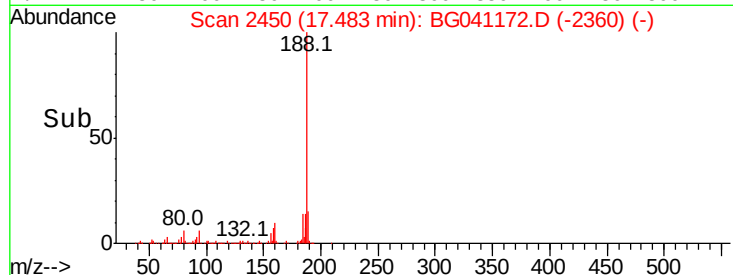
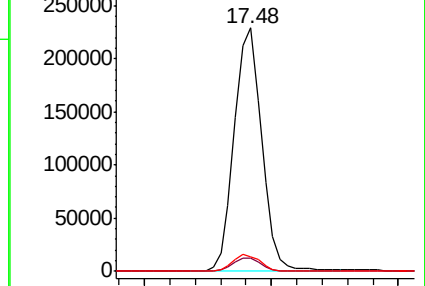
80 5.8 5.8 8.8#



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: 21.75 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG041172.D

Acq: 10 Jun 2019 20:48

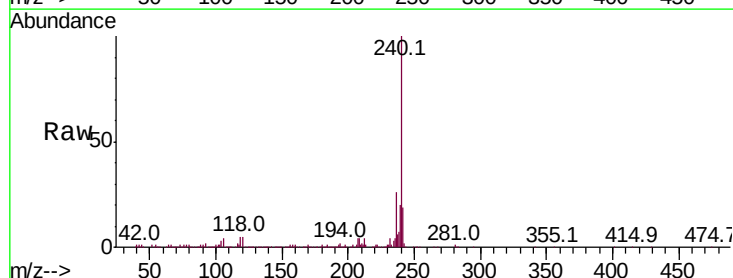
Tgt Ion:240 Resp: 338113

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

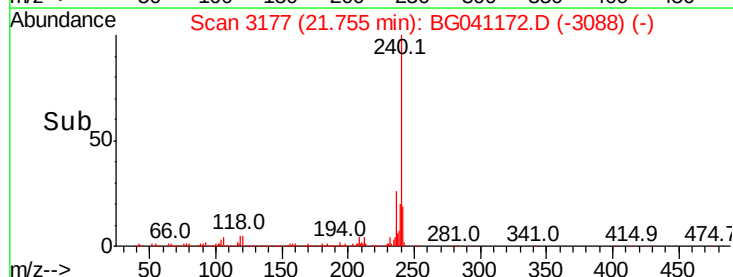
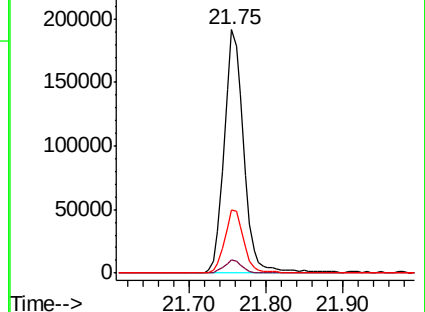
236 26.0 21.3 31.9

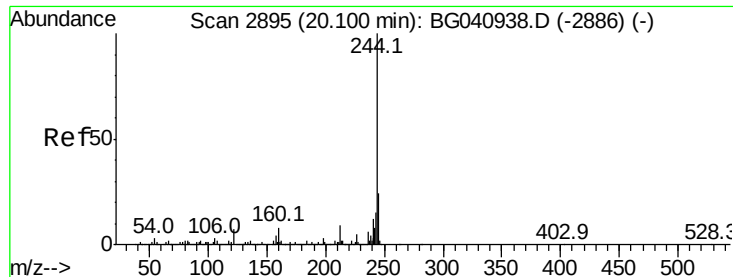


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.671 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041172.D

Acq: 10 Jun 2019 20:48

Instrument :

BNA_G

ClientSampleId :

P-4-OW

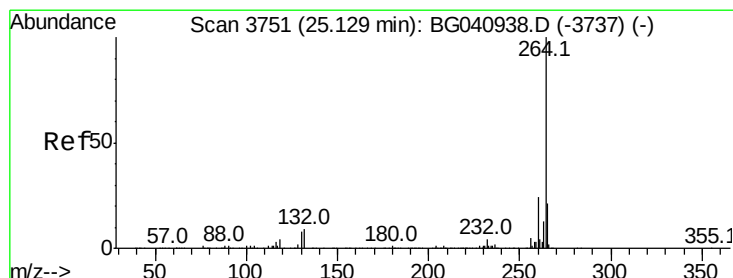
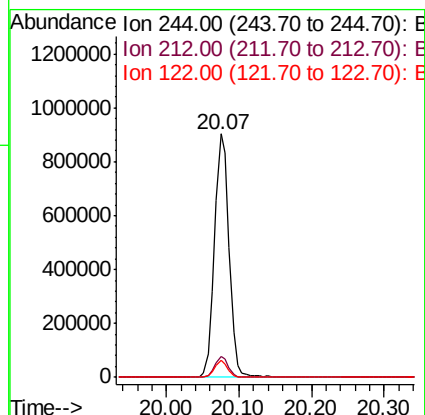
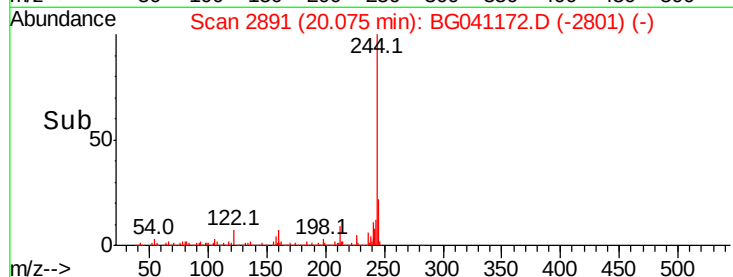
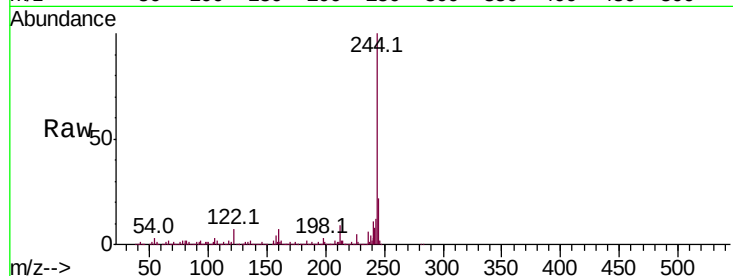
Tot Ion:244 Resp: 1269251

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

122 6.9 5.4 8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041172.D

Acq: 10 Jun 2019 20:48

Tgt Ion:264 Resp: 324878

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.7 17.0 25.4

