

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041212.D
 Acq On : 12 Jun 2019 18:50
 Operator : HP/JU
 Sample : PB120532BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120532BL

Quant Time: Jun 13 07:51:15 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	8.10	152	35212	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	145851	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112831	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	285526	20.00	ng	0.00
76) Chrysene-d12	21.75	240	275376	20.00	ng	0.00
87) Perylene-d12	25.08	264	248529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	165863	84.94	ng	0.00
7) Phenol-d6	7.25	99	245609	81.44	ng	0.00
23) Nitrobenzene-d5	9.28	82	261947	79.73	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	126603	75.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	652849	83.33	ng	0.00
79) Terphenyl-d14	20.07	244	1093726	84.29	ng	0.00

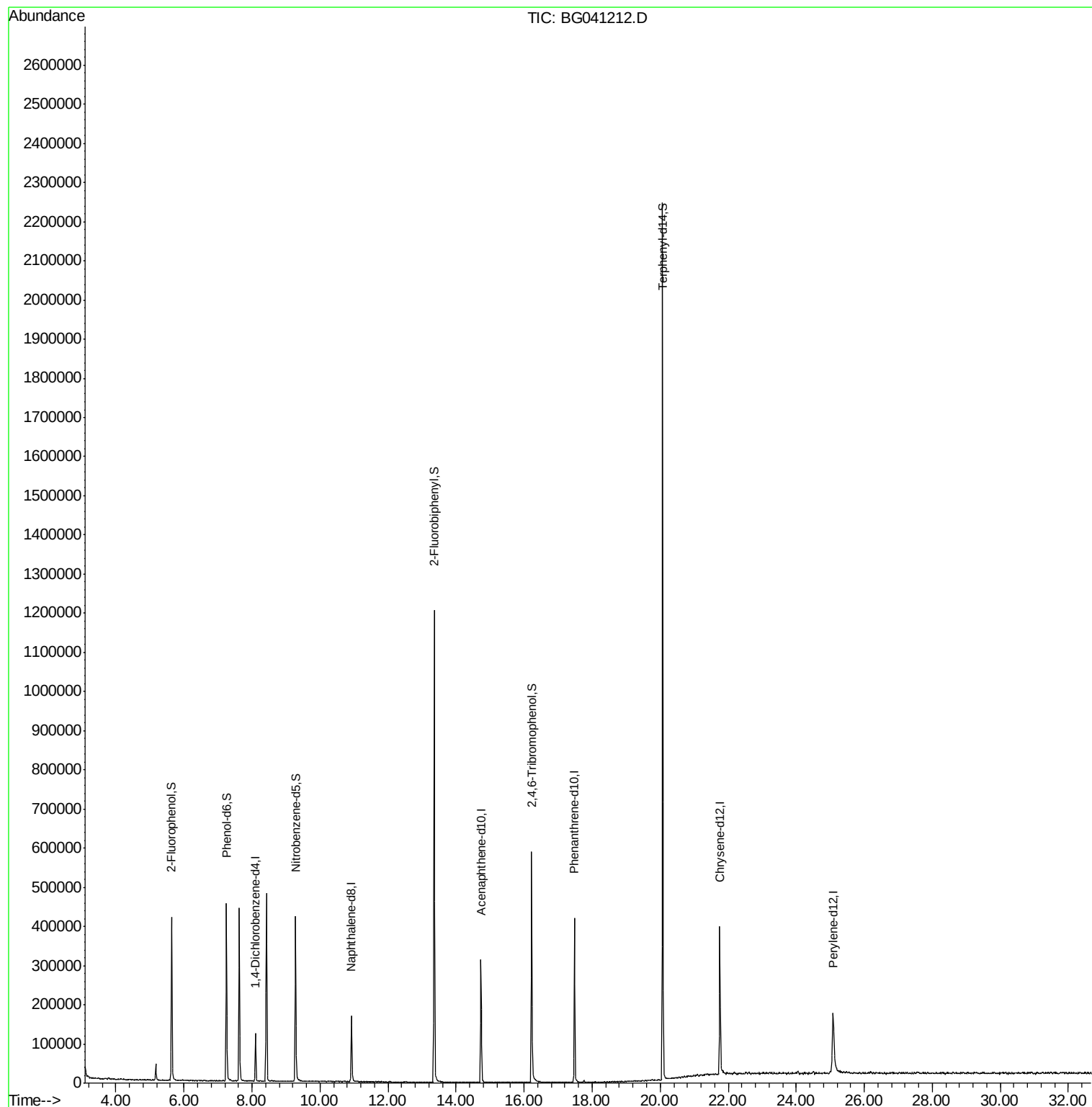
Target Compounds Qvalue

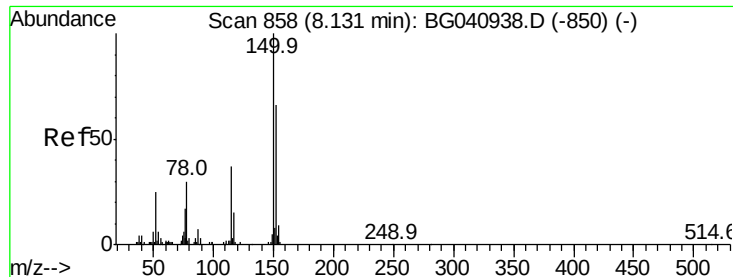
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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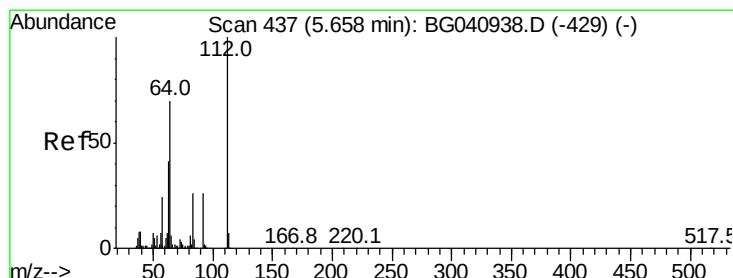
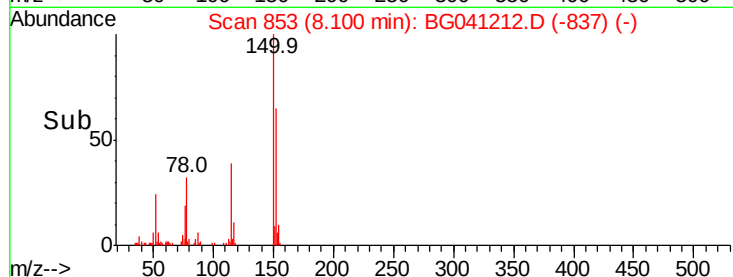
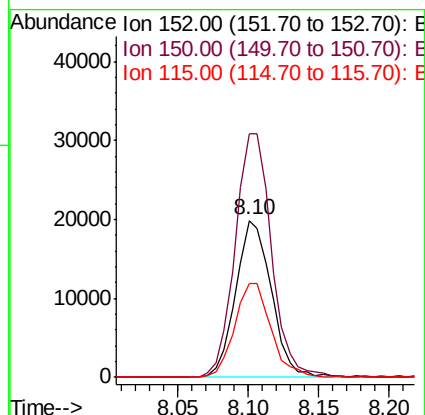
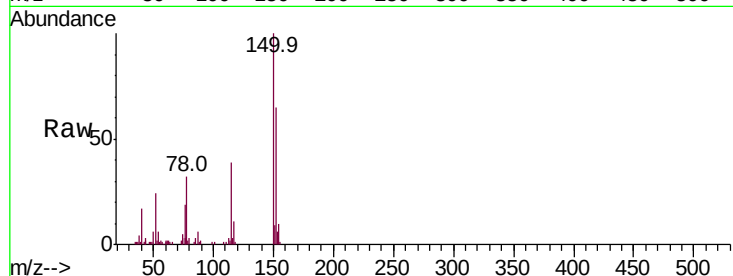


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Instrument :
BNA_G
ClientSampleId :
PB120532BL

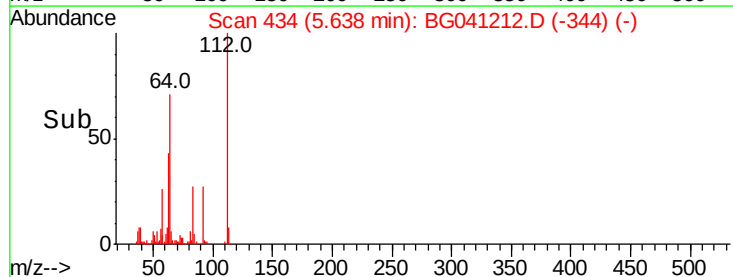
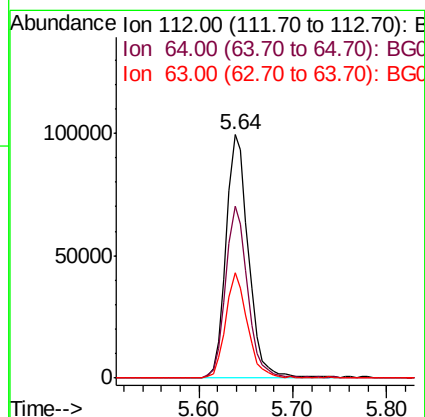
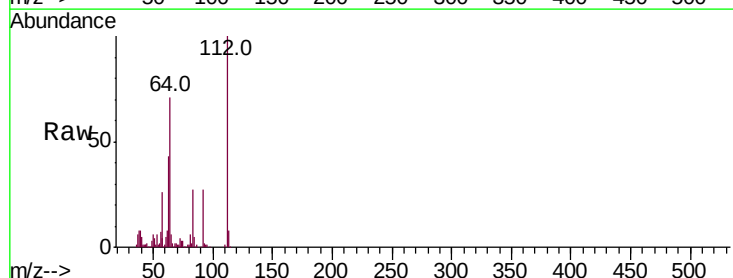
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	120.6	180.8
115	59.7	45.1	67.7

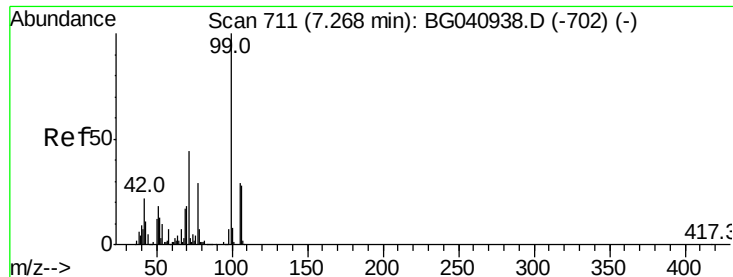


#5

2-Fluorophenol
Concen: 84.939 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	56.2	84.2
63	43.2	32.8	49.2





#7

Phenol-d6

Concen: 81.441 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

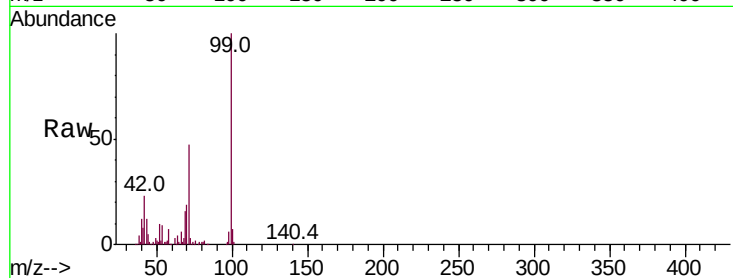
Tot Ion: 99 Resp: 245609

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

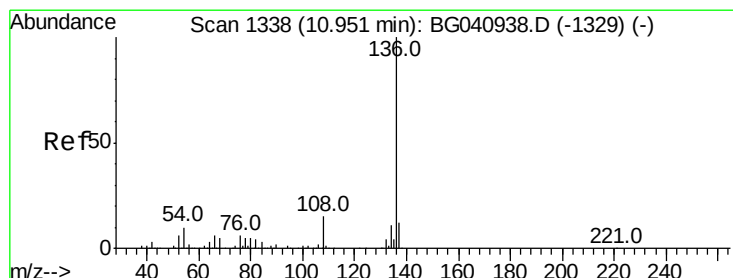
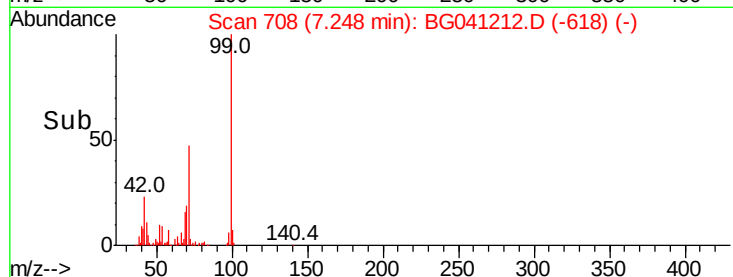
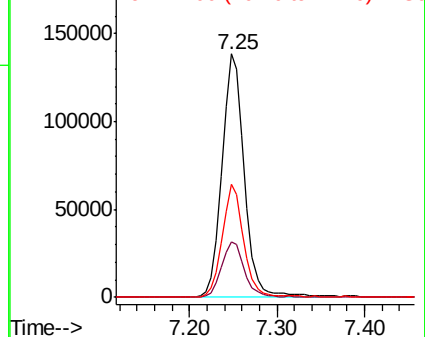
71 46.7 35.4 53.0



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: BG041212.D

Acq: 12 Jun 2019 18:50

Tgt Ion: 136 Resp: 145851

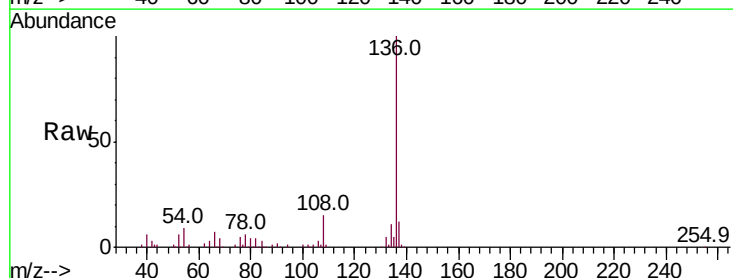
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 9.2 7.6 11.4

68 4.2 3.9 5.9

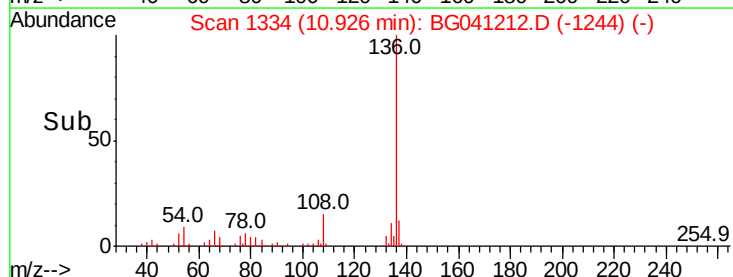
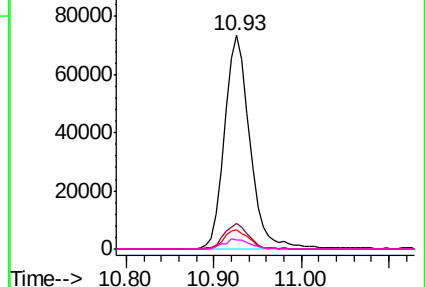


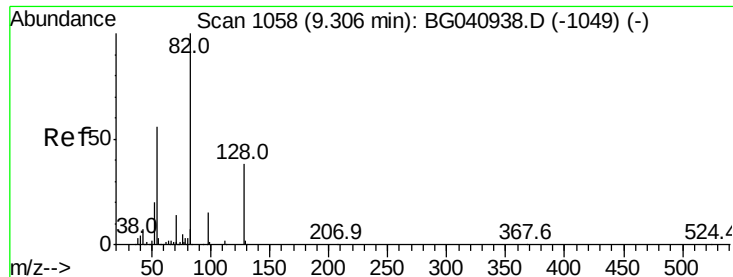
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

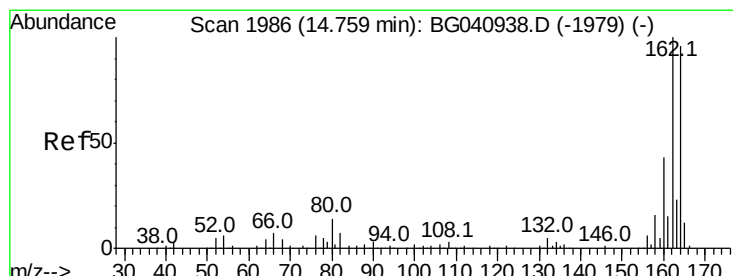
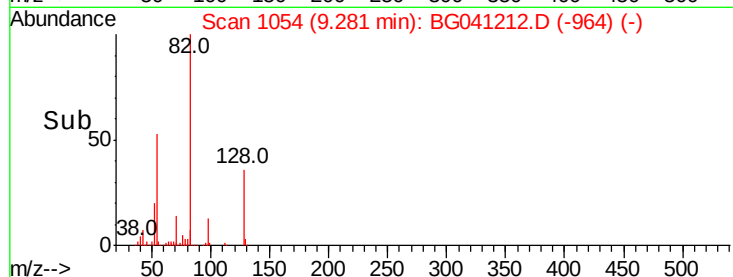
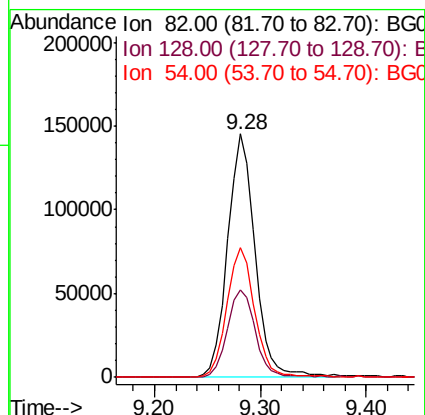
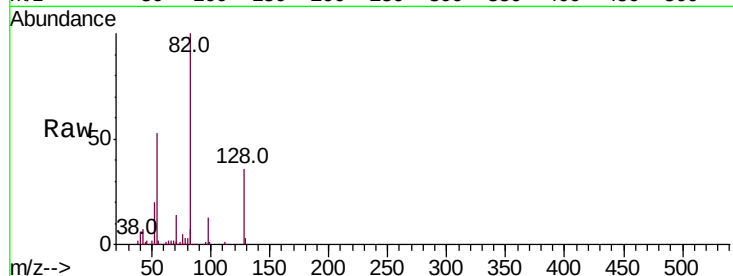




#23
Nitrobenzene-d5
Concen: 79.731 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

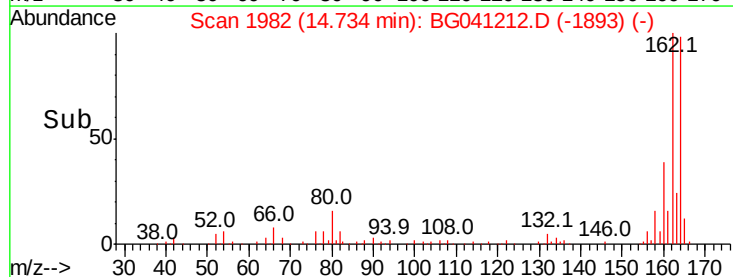
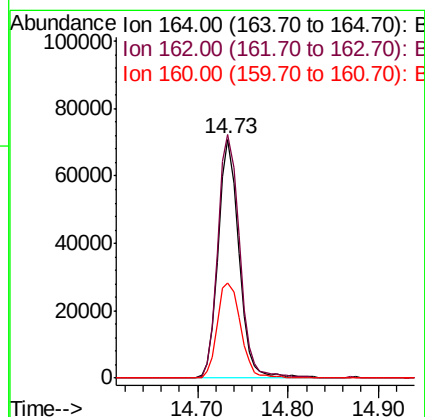
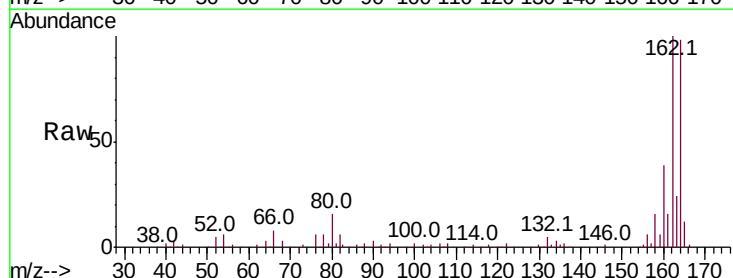
Instrument :
BNA_G
ClientSampleId :
PB120532BL

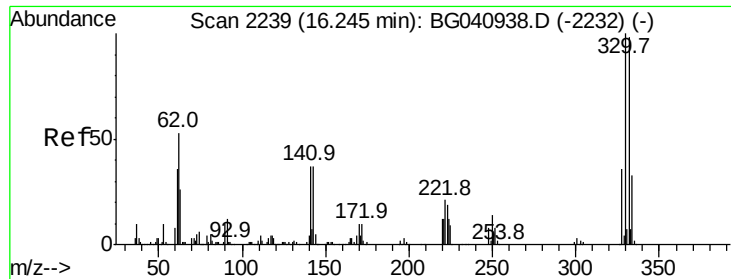
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.5	45.7
54	53.5	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041212.D
Acq: 12 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	39.8	35.6	53.4

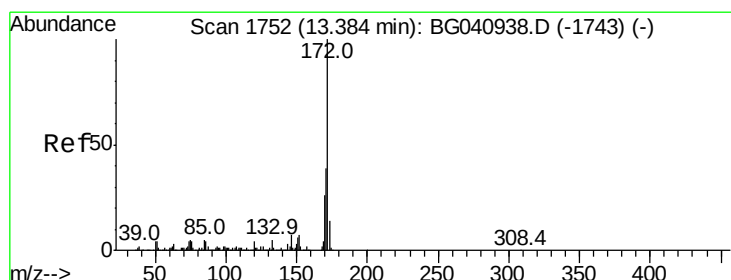
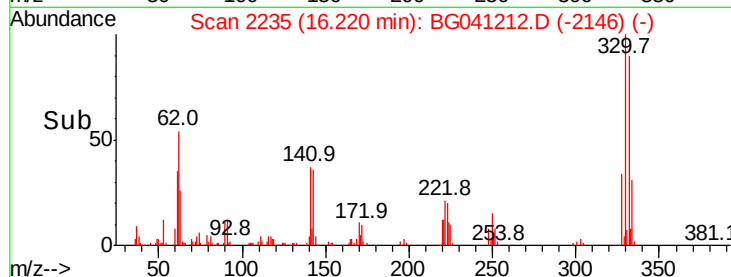
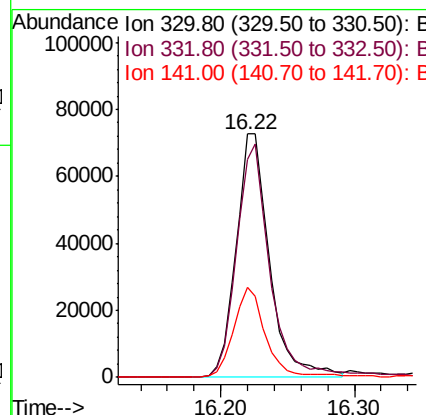
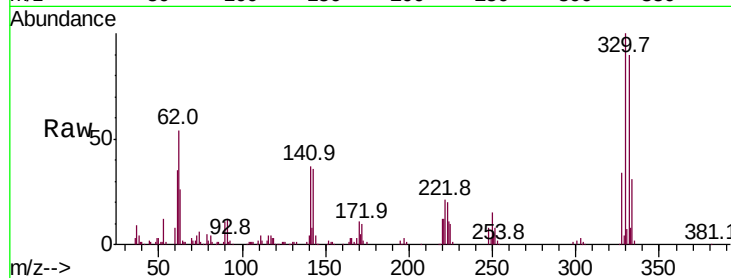




#42
 2,4,6-Tribromophenol
 Concen: 75.581 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041212.D
 Acq: 12 Jun 2019 18:50

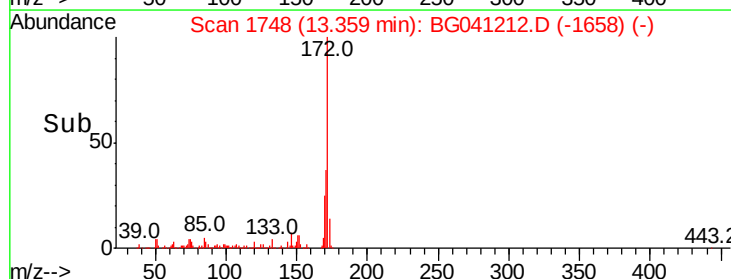
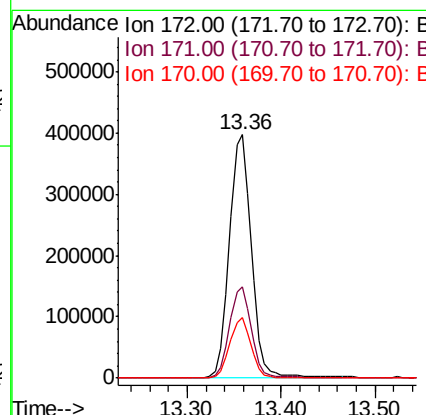
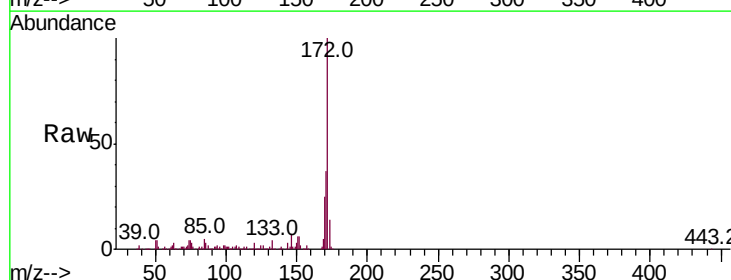
Instrument :
 BNA_G
 ClientSampleId :
 PB120532BL

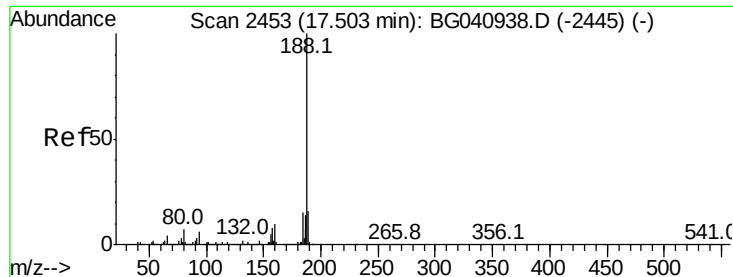
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.5	117.7
141	35.7	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 83.326 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041212.D
 Acq: 12 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.1	46.7
170	25.1	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

BNA_G

ClientSampleId :

PB120532BL

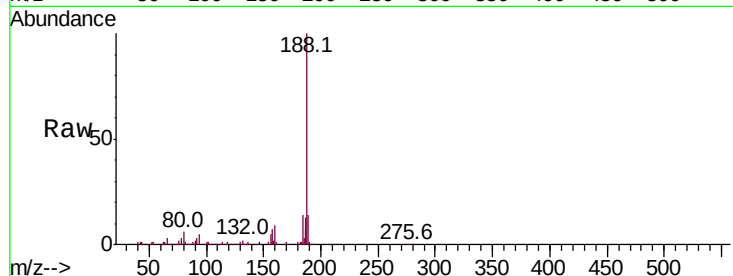
Tot Ion:188 Resp: 285526

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

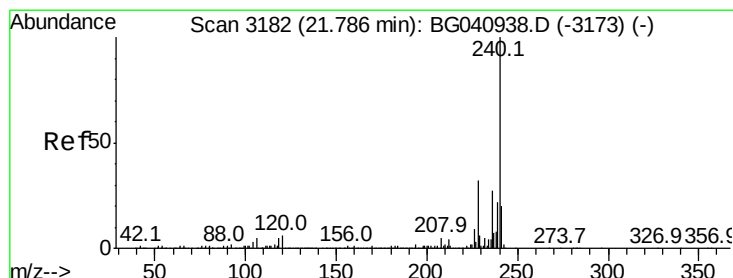
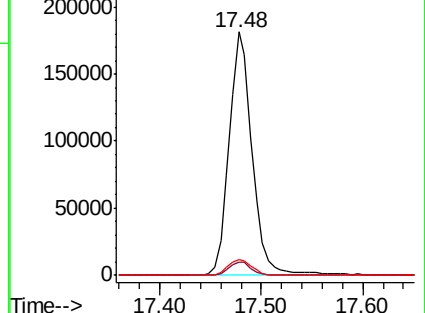
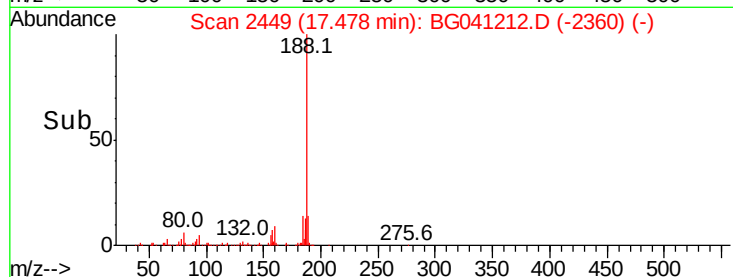
80 6.3 5.8 8.8



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: BG041212.D

Acq: 12 Jun 2019 18:50

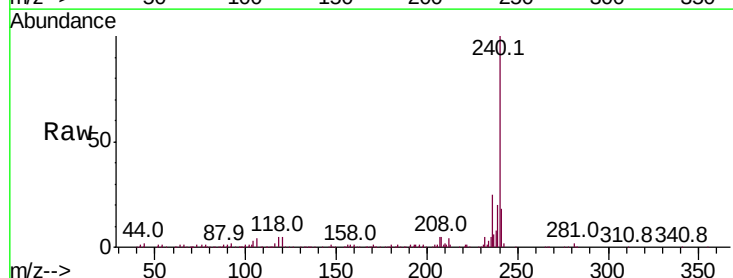
Tgt Ion:240 Resp: 275376

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

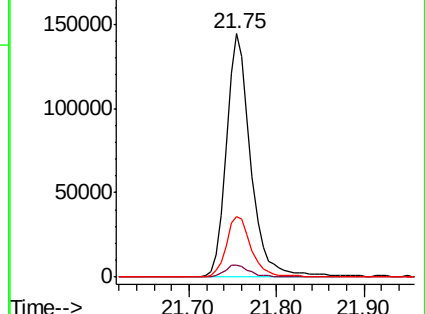
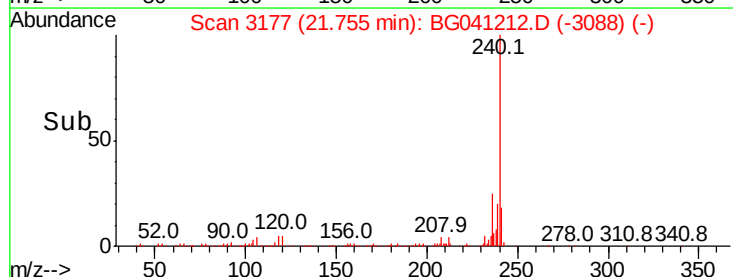
236 24.8 21.3 31.9

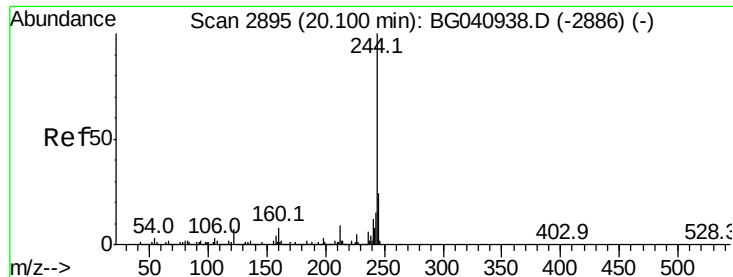


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.294 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Instrument :

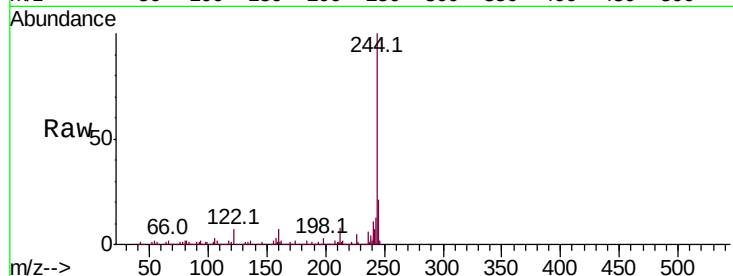
BNA_G

ClientSampleId :

PB120532BL

Tot Ion:244 Resp: 1093726

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	6.6	5.4	8.0

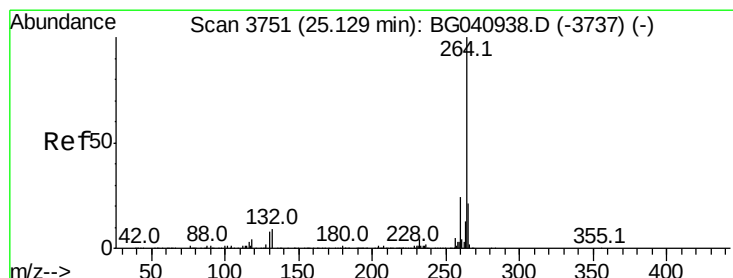
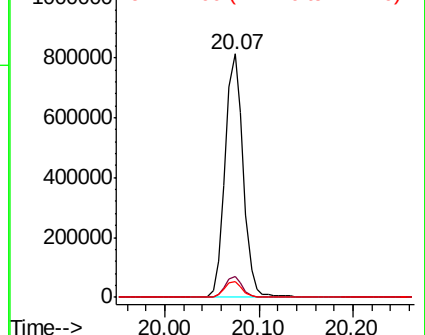
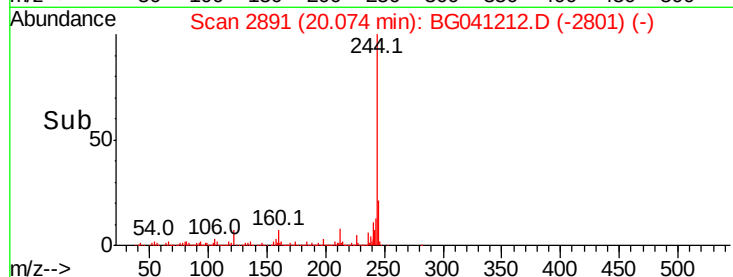


Abundance

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

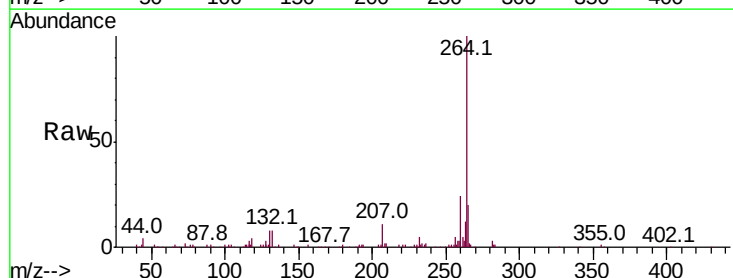
Delta R.T. -0.00 min

Lab File: BG041212.D

Acq: 12 Jun 2019 18:50

Tgt Ion:264 Resp: 248529

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	20.3	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

