

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043809.D
 Acq On : 12 Dec 2019 00:01
 Operator : JU
 Sample : K6245-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DARK-GREEN-BRICK

Quant Time: Dec 12 04:00:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

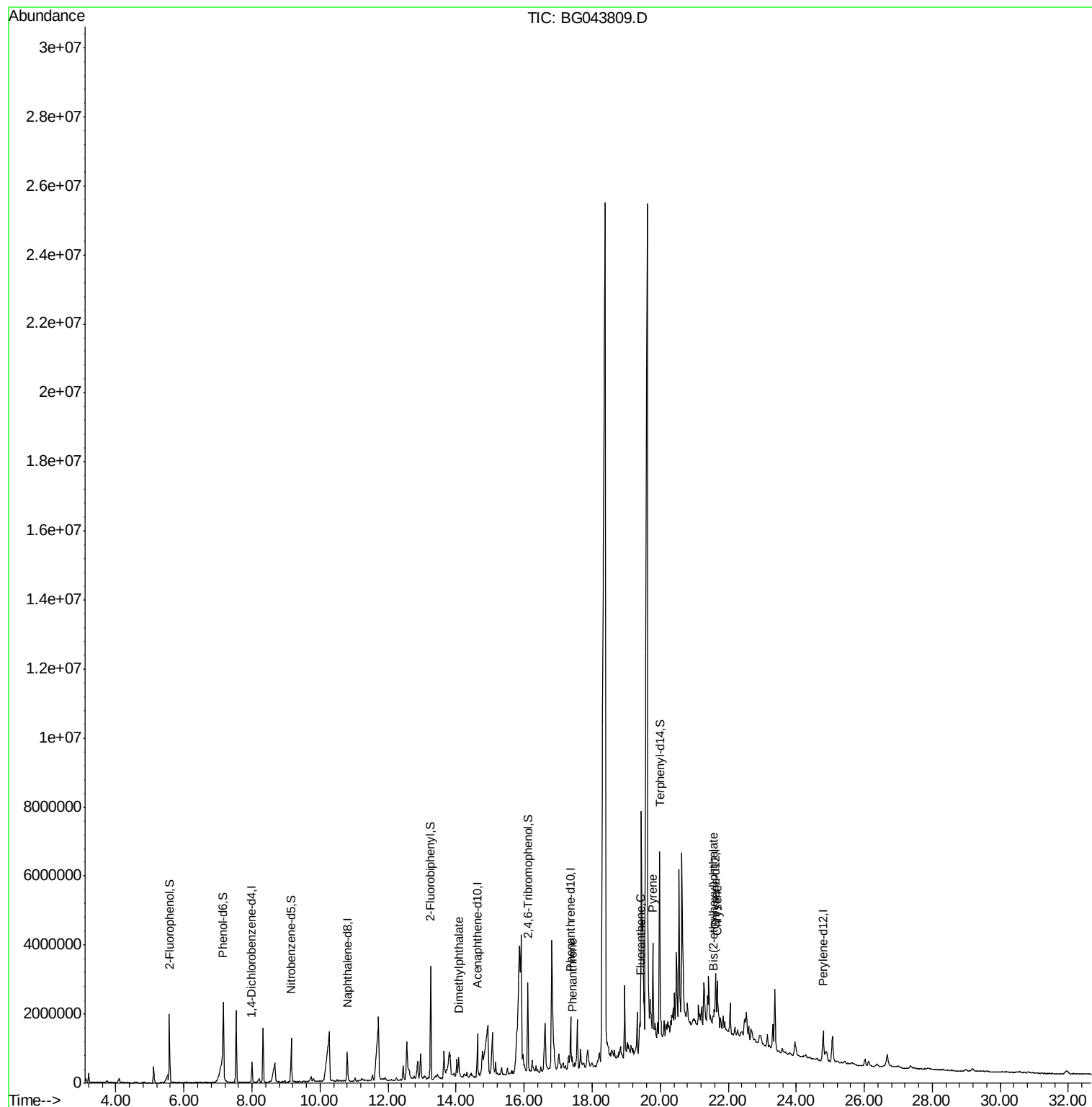
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	167970	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	725930	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	472460	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	916564	20.00	ng	0.00
76) Chrysene-d12	21.63	240	767989	20.00	ng	0.00
87) Perylene-d12	24.79	264	885774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	893926	100.84	ng	0.00
7) Phenol-d6	7.16	99	1272126	99.50	ng	0.00
23) Nitrobenzene-d5	9.15	82	777256	60.12	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	417974	92.80	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1674949	62.27	ng	0.00
79) Terphenyl-d14	19.99	244	2049369	64.20	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.08	163	100571	2.982	ng	98
71) Phenanthrene	17.41	178	157557	3.631	ng	93
75) Fluoranthene	19.42	202	194246	3.911	ng	94
78) Pyrene	19.77	202	132795	2.646	ng	94
83) Chrysene	21.67	228	125643	2.721	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	77482	2.584	ng	# 96

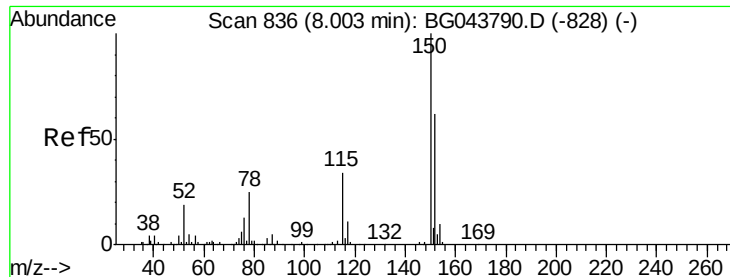
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
Data File : BG043809.D
Acq On : 12 Dec 2019 00:01
Operator : JU
Sample : K6245-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DARK-GREEN-BRICK

Quant Time: Dec 12 04:00:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



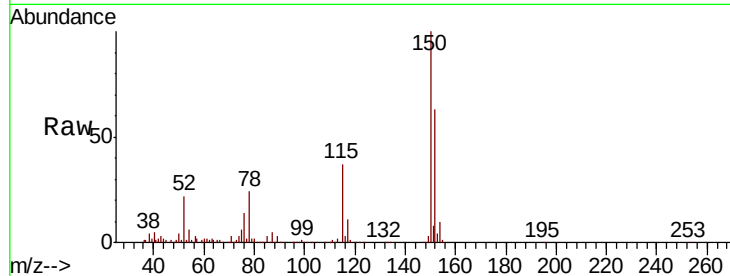


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG043809.D
 Acq: 12 Dec 2019 00:01

Instrument :
 BNA_G
 ClientSampleId :
 DARK-GREEN-BRICK

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.6	192.8
115	59.5	44.3	66.5

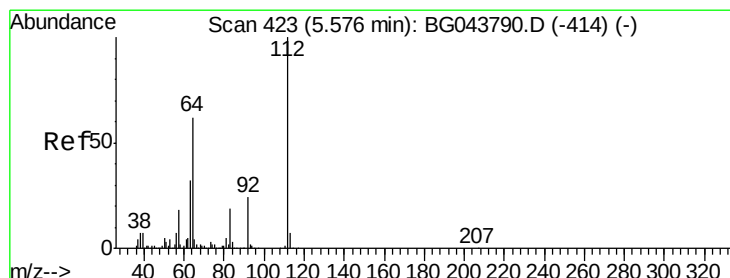
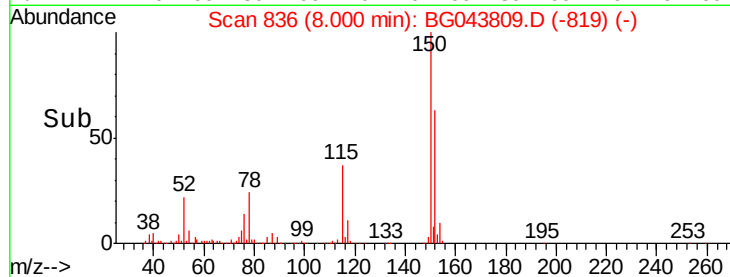
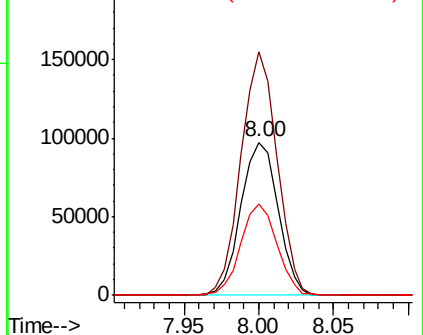


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

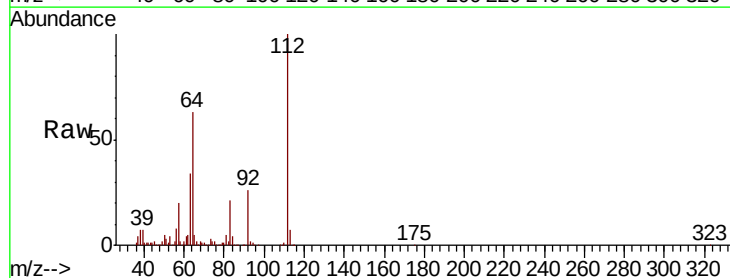
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 100.836 ng
 RT: 5.57 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BG043809.D
 Acq: 12 Dec 2019 00:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.9	74.9
63	33.9	26.0	39.0

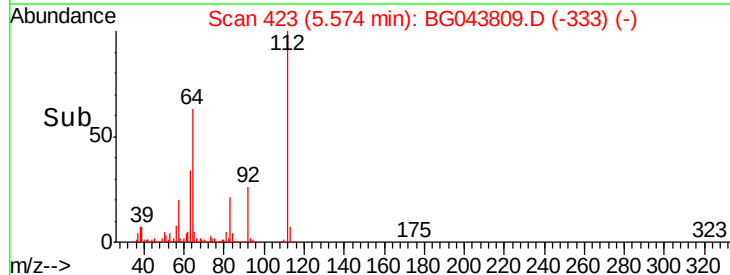
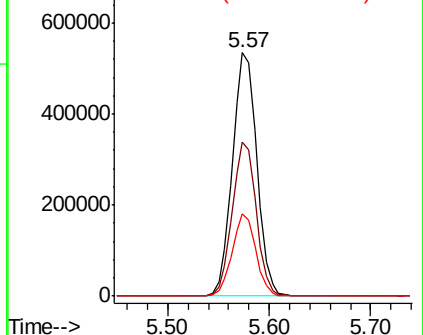


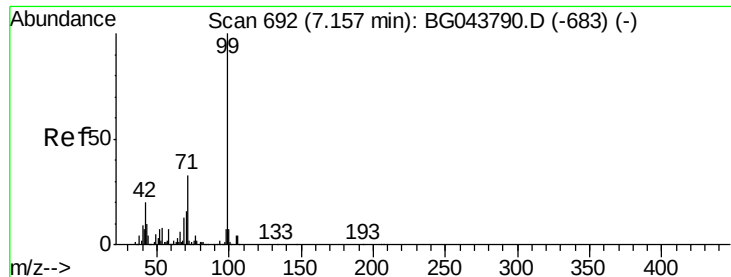
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 99.500 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

Instrument :

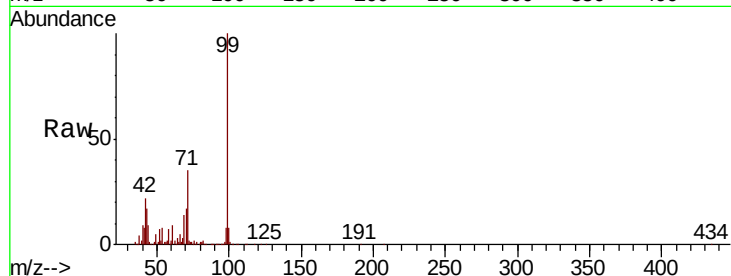
BNA_G

ClientSampleId :

DARK-GREEN-BRICK

Tot Ion: 99 Resp: 1272126

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.2	24.2
71	35.1	26.6	40.0

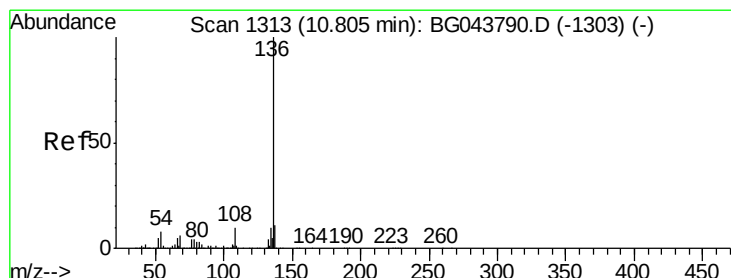
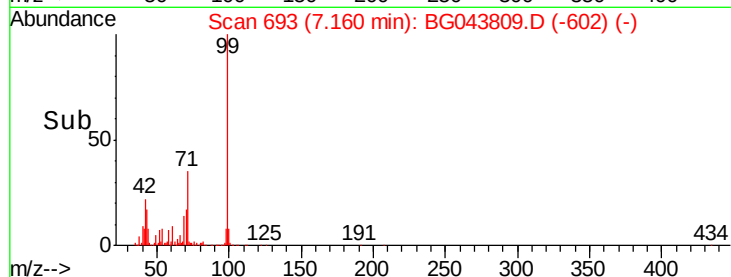
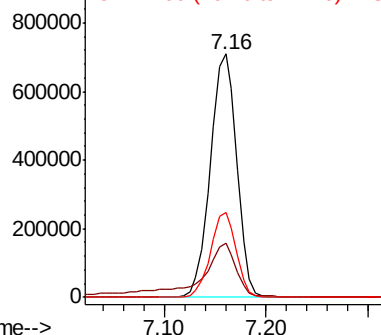


Abundance

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: 10.80 min Scan# 1313

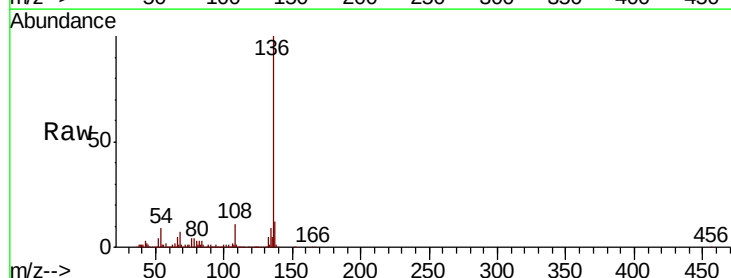
Delta R.T. -0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

Tgt Ion: 136 Resp: 725930

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	8.8	6.8	10.2
68	6.6	5.0	7.4



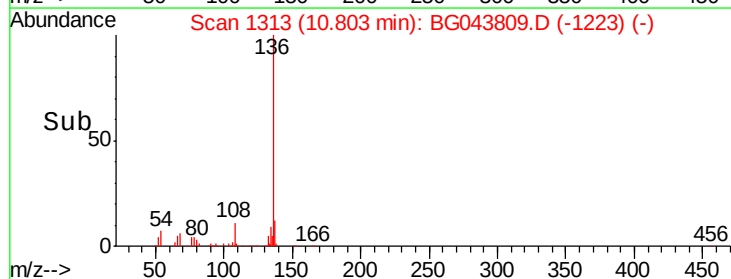
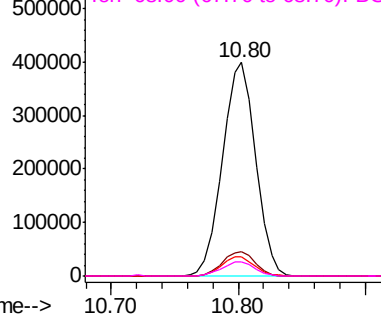
Abundance

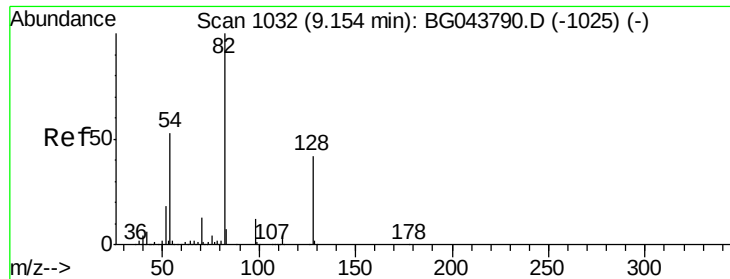
Ion 136.00 (135.70 to 136.70): BGC

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

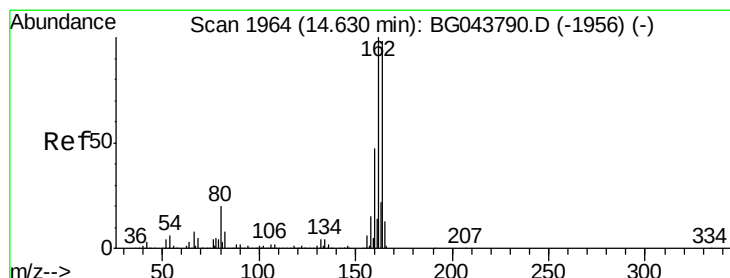
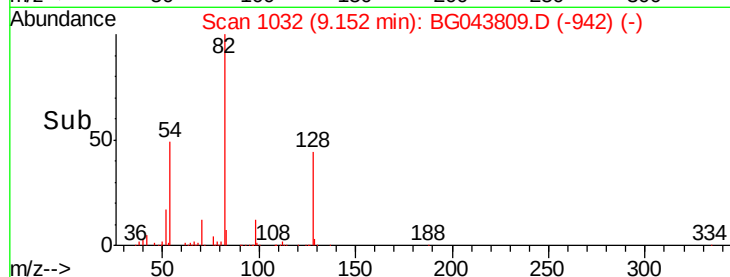
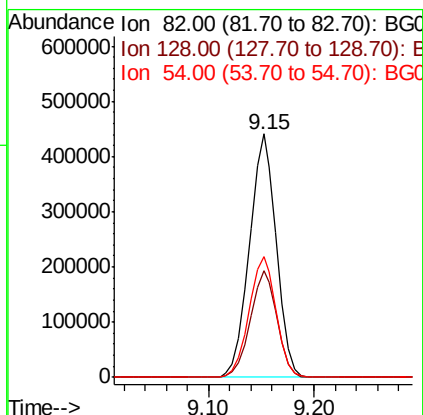
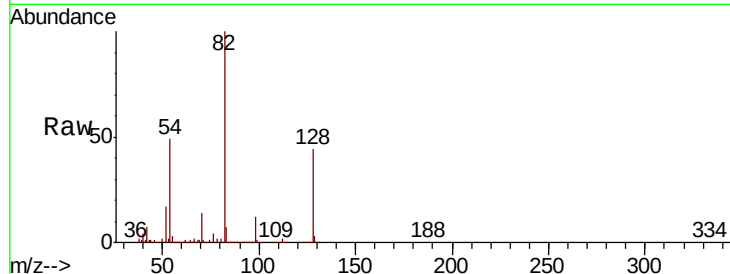




#23
Nitrobenzene-d5
Concen: 60.117 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043809.D
Acq: 12 Dec 2019 00:01

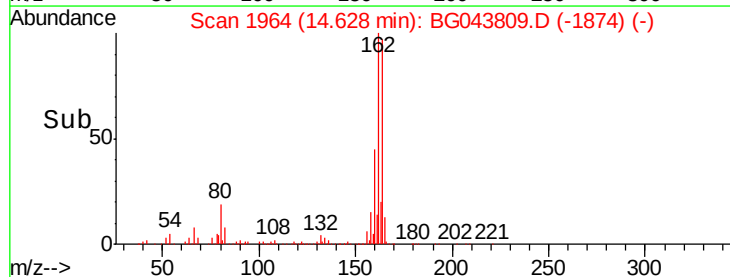
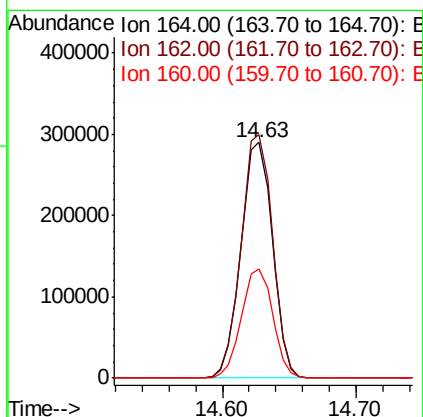
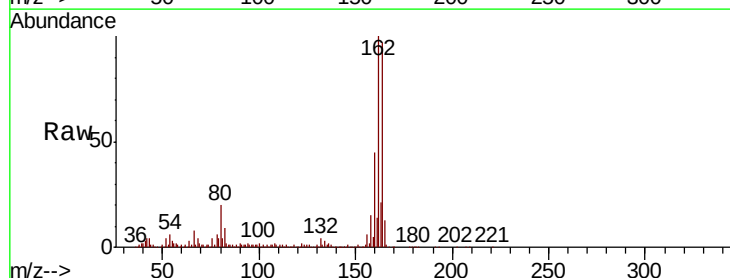
Instrument :
BNA_G
ClientSampleId :
DARK-GREEN-BRICK

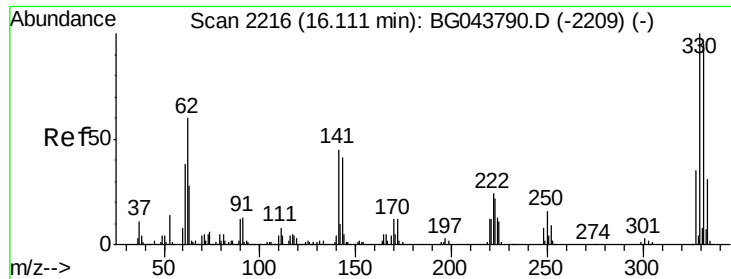
Tot Ion	82	Resp	777256
Ion Ratio	Lower	Upper	
82	100		
128	43.7	33.6	50.4
54	49.5	42.1	63.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043809.D
Acq: 12 Dec 2019 00:01

Tgt Ion	164	Resp	472460
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.9	122.9
160	46.3	38.3	57.5

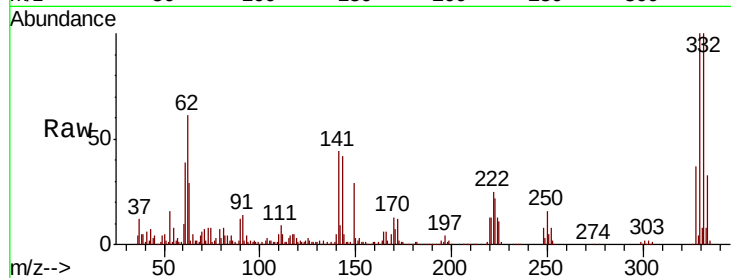




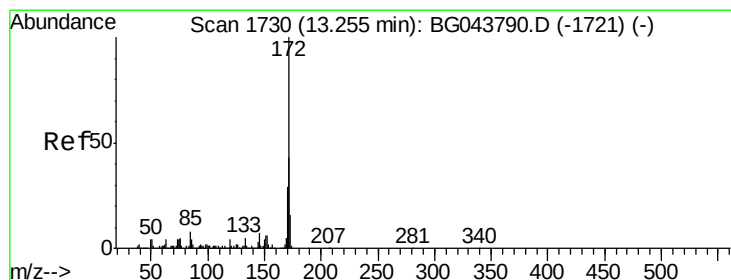
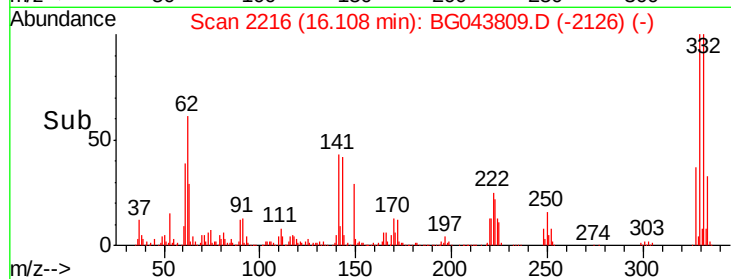
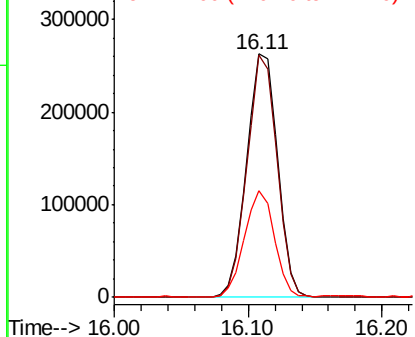
#42
 2,4,6-Tribromophenol
 Concen: 92.797 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG043809.D
 Acq: 12 Dec 2019 00:01

Instrument :
 BNA_G
 ClientSampleId :
 DARK-GREEN-BRICK

Tot Ion:330 Resp: 417974
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 42.0 33.8 50.8

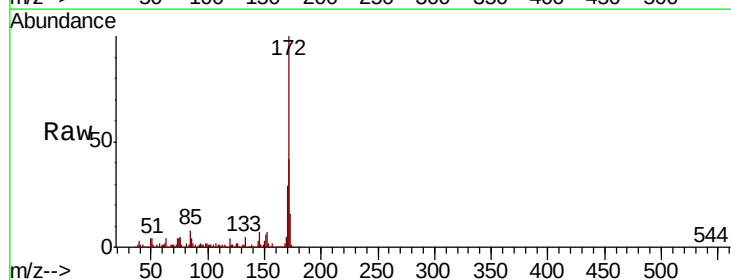


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

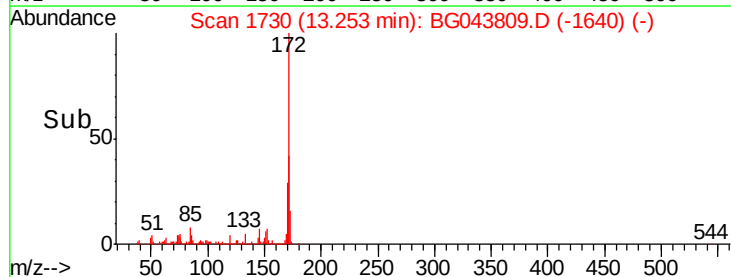
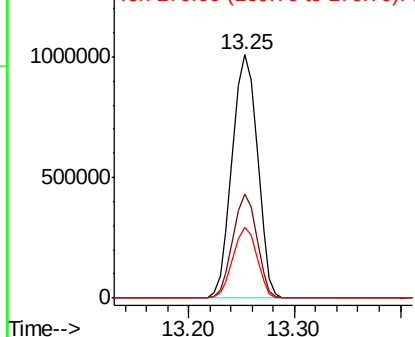


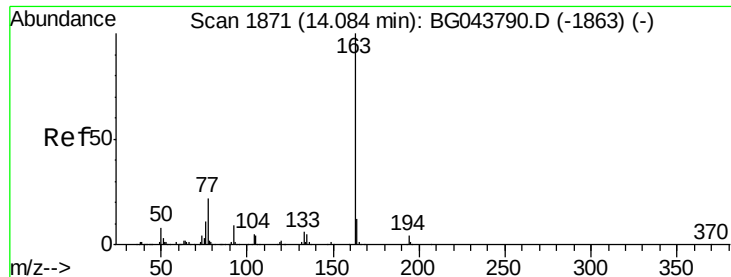
#45
 2-Fluorobiphenyl
 Concen: 62.273 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043809.D
 Acq: 12 Dec 2019 00:01

Tgt Ion:172 Resp: 1674949
 Ion Ratio Lower Upper
 172 100
 171 42.5 34.6 51.8
 170 29.3 23.3 34.9



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





#50

Dimethylphthalate

Concen: 2.982 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

Instrument :

BNA_G

ClientSampleId :

DARK-GREEN-BRICK

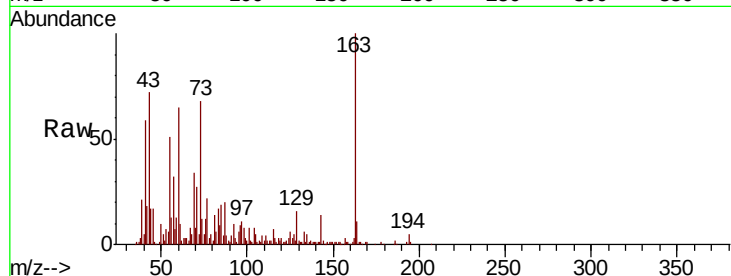
Tot Ion:163 Resp: 100571

Ion Ratio Lower Upper

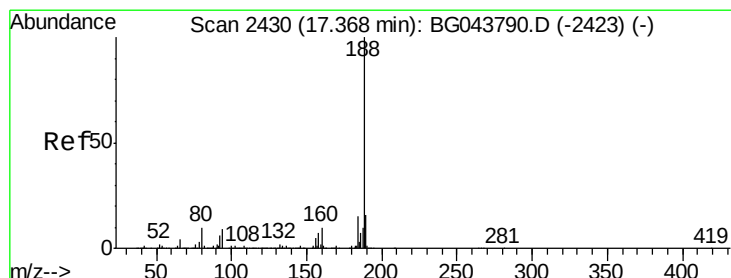
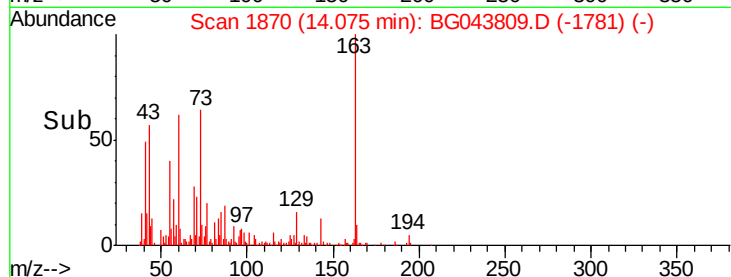
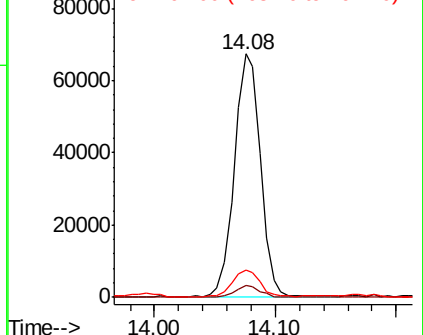
163 100

194 4.7 3.6 5.4

164 11.0 9.4 14.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

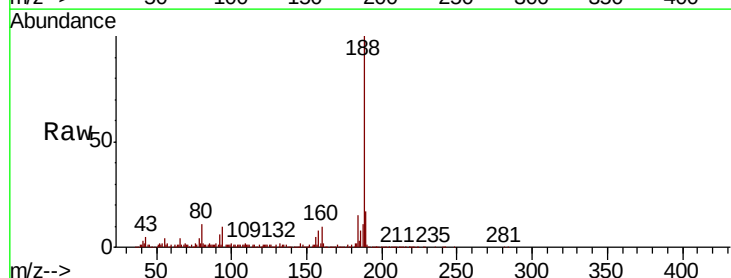
Tgt Ion:188 Resp: 916564

Ion Ratio Lower Upper

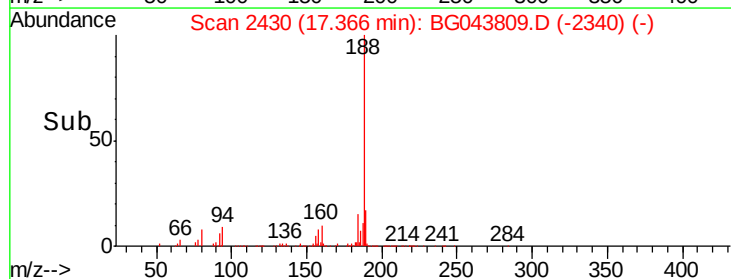
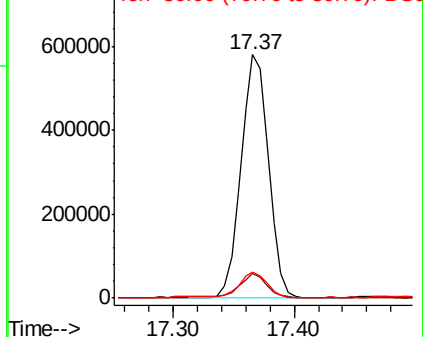
188 100

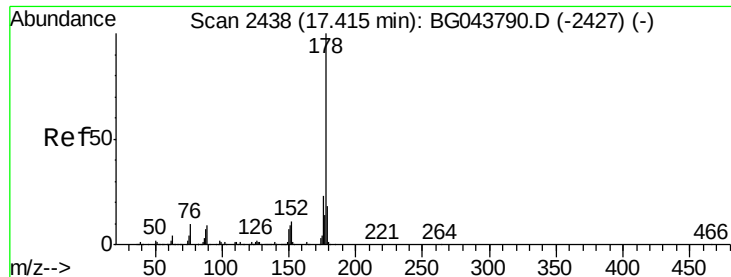
94 10.0 6.9 10.3

80 10.7 7.8 11.8



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





#71

Phenanthrene

Concen: 3.631 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

Instrument :

BNA_G

ClientSampleId :

DARK-GREEN-BRICK

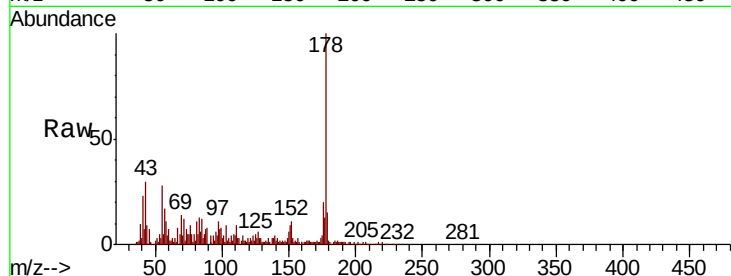
Tot Ion:178 Resp: 157557

Ion Ratio Lower Upper

178 100

176 19.6 18.6 27.8

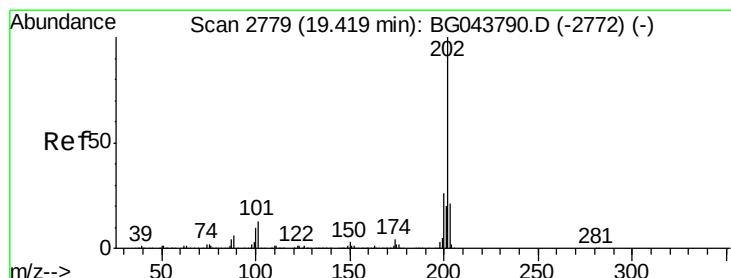
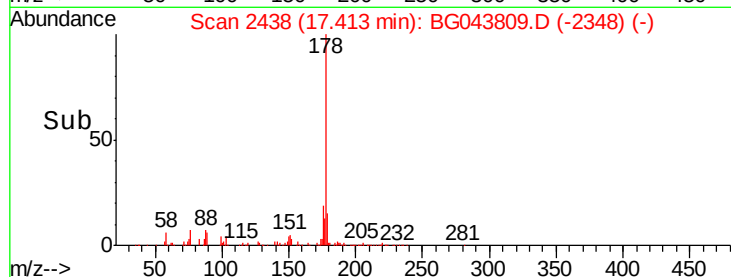
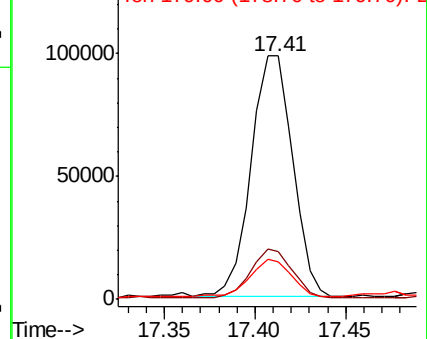
179 15.4 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.911 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

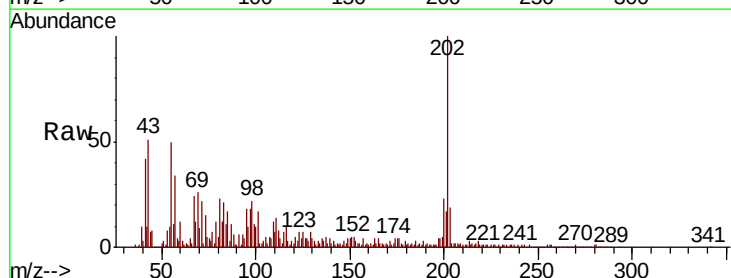
Tgt Ion:202 Resp: 194246

Ion Ratio Lower Upper

202 100

101 16.9 0.0 32.7

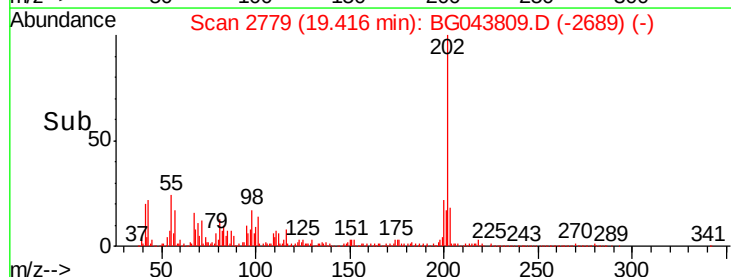
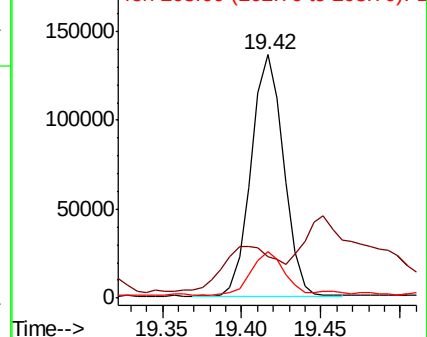
203 19.1 1.0 41.0

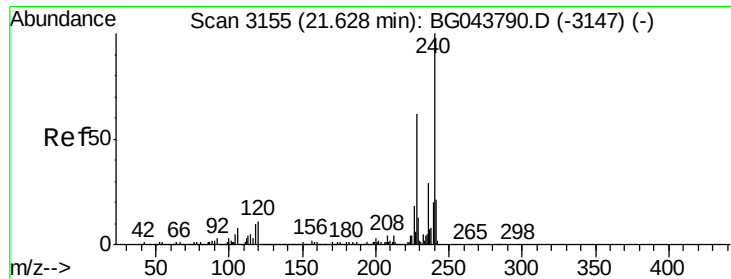


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

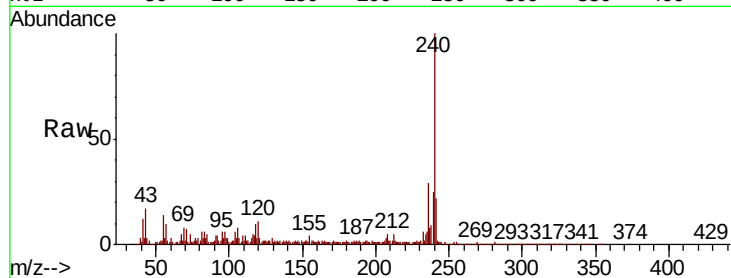




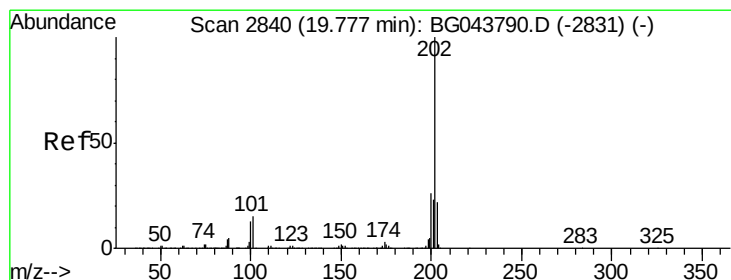
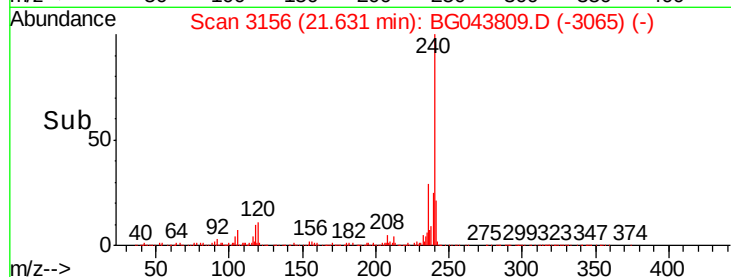
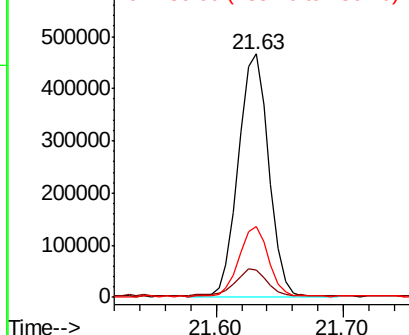
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG043809.D
Acq: 12 Dec 2019 00:01

Instrument :
BNA_G
ClientSampleId :
DARK-GREEN-BRICK

Tot Ion:240 Resp: 767989
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 29.1 23.1 34.7

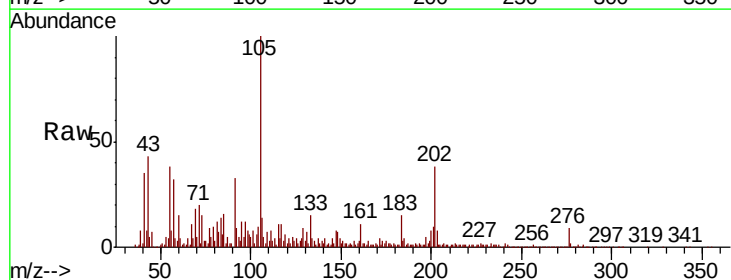


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

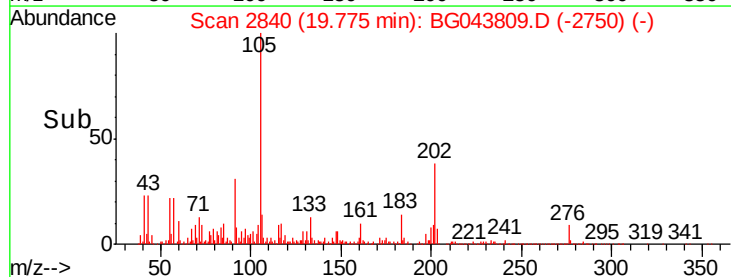
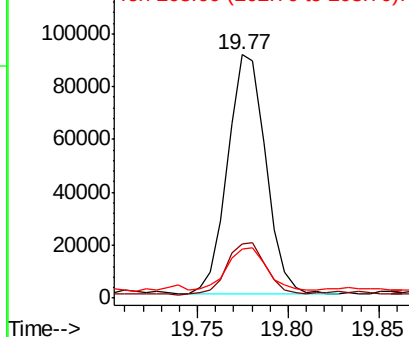


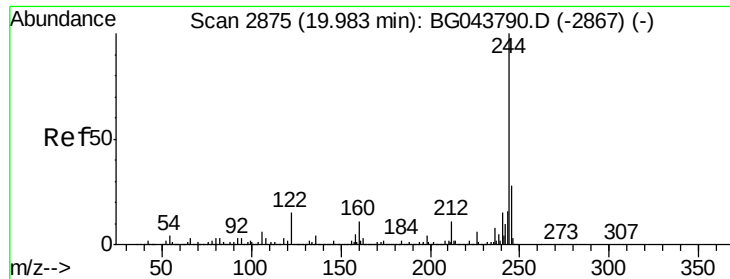
#78
Pyrene
Concen: 2.646 ng
RT: 19.77 min Scan# 2840
Delta R.T. -0.00 min
Lab File: BG043809.D
Acq: 12 Dec 2019 00:01

Tgt Ion:202 Resp: 132795
Ion Ratio Lower Upper
202 100
200 22.4 20.8 31.2
203 20.1 17.7 26.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.198 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

Instrument :

BNA_G

ClientSampleId :

DARK-GREEN-BRICK

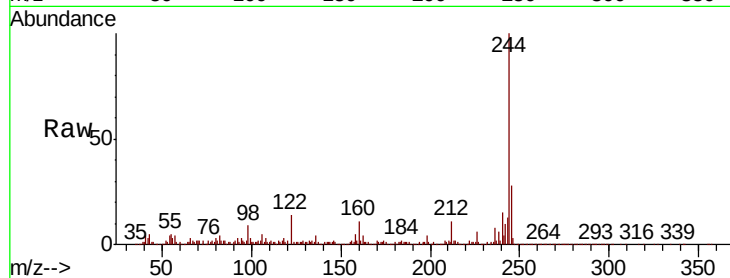
Tot Ion:244 Resp: 2049369

Ion Ratio Lower Upper

244 100

212 11.2 9.1 13.7

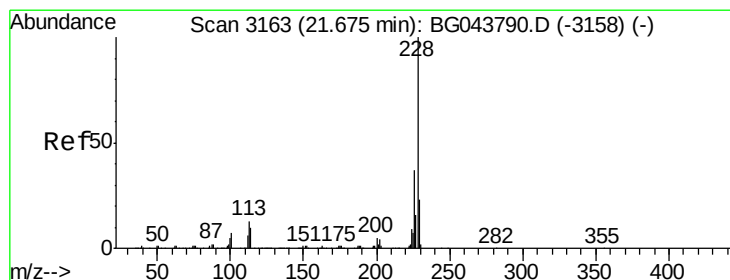
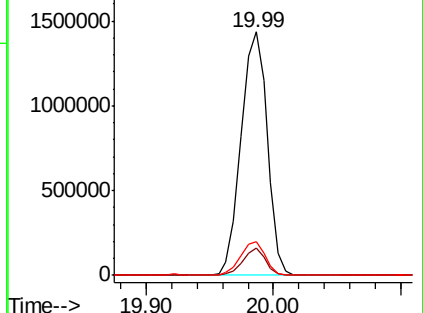
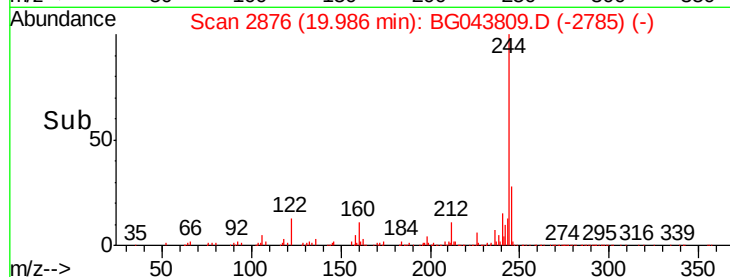
122 13.9 11.6 17.4



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



#83

Chrysene

Concen: 2.721 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

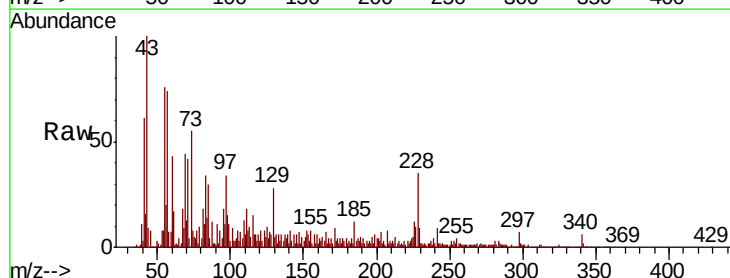
Tgt Ion:228 Resp: 125643

Ion Ratio Lower Upper

228 100

226 33.2 29.1 43.7

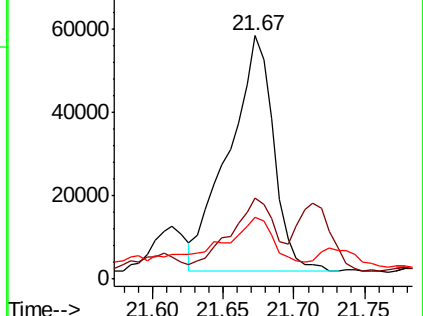
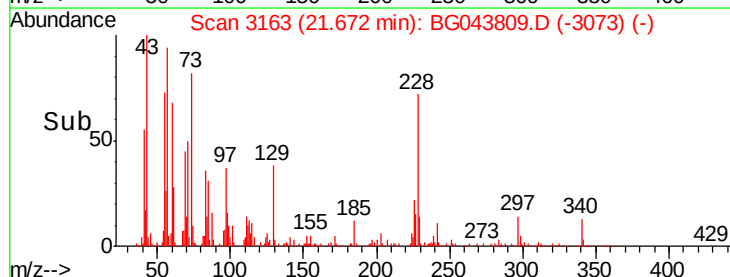
229 25.5 18.6 28.0

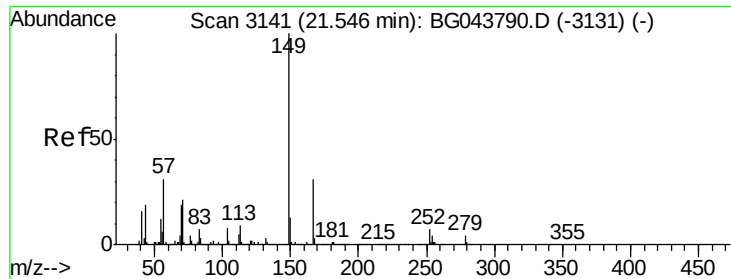


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.584 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

Instrument :

BNA_G

ClientSampleId :

DARK-GREEN-BRICK

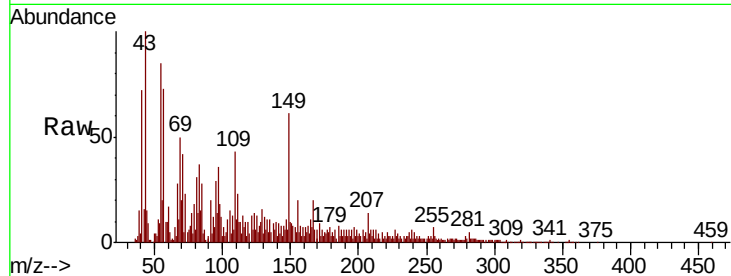
Tot Ion:149 Resp: 77482

Ion Ratio Lower Upper

149 100

167 33.6 25.1 37.7

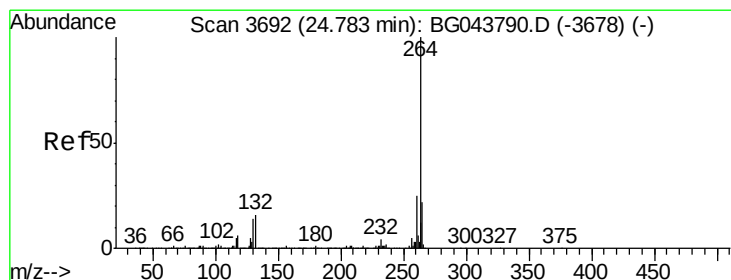
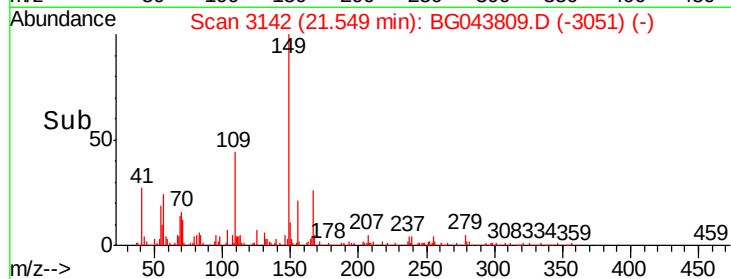
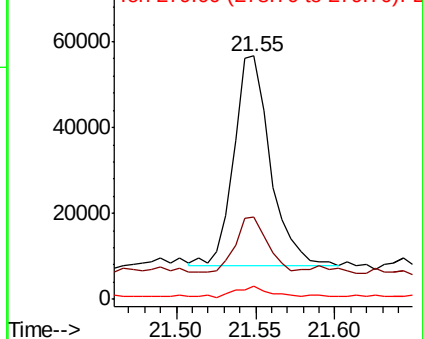
279 5.7 3.5 5.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043809.D

Acq: 12 Dec 2019 00:01

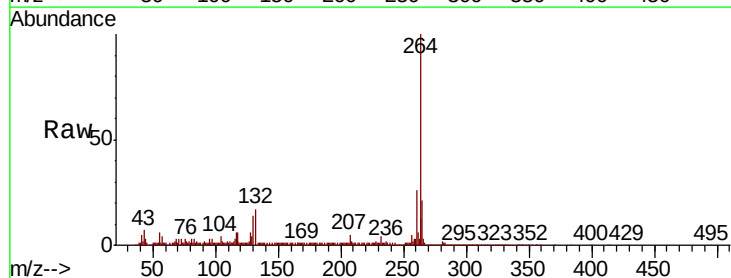
Tgt Ion:264 Resp: 885774

Ion Ratio Lower Upper

264 100

260 25.9 19.8 29.8

265 21.3 17.9 26.9



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

