

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043810.D
 Acq On : 12 Dec 2019 00:40
 Operator : JU
 Sample : K6245-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MEZZ-FLOOR

Quant Time: Dec 12 09:50:19 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

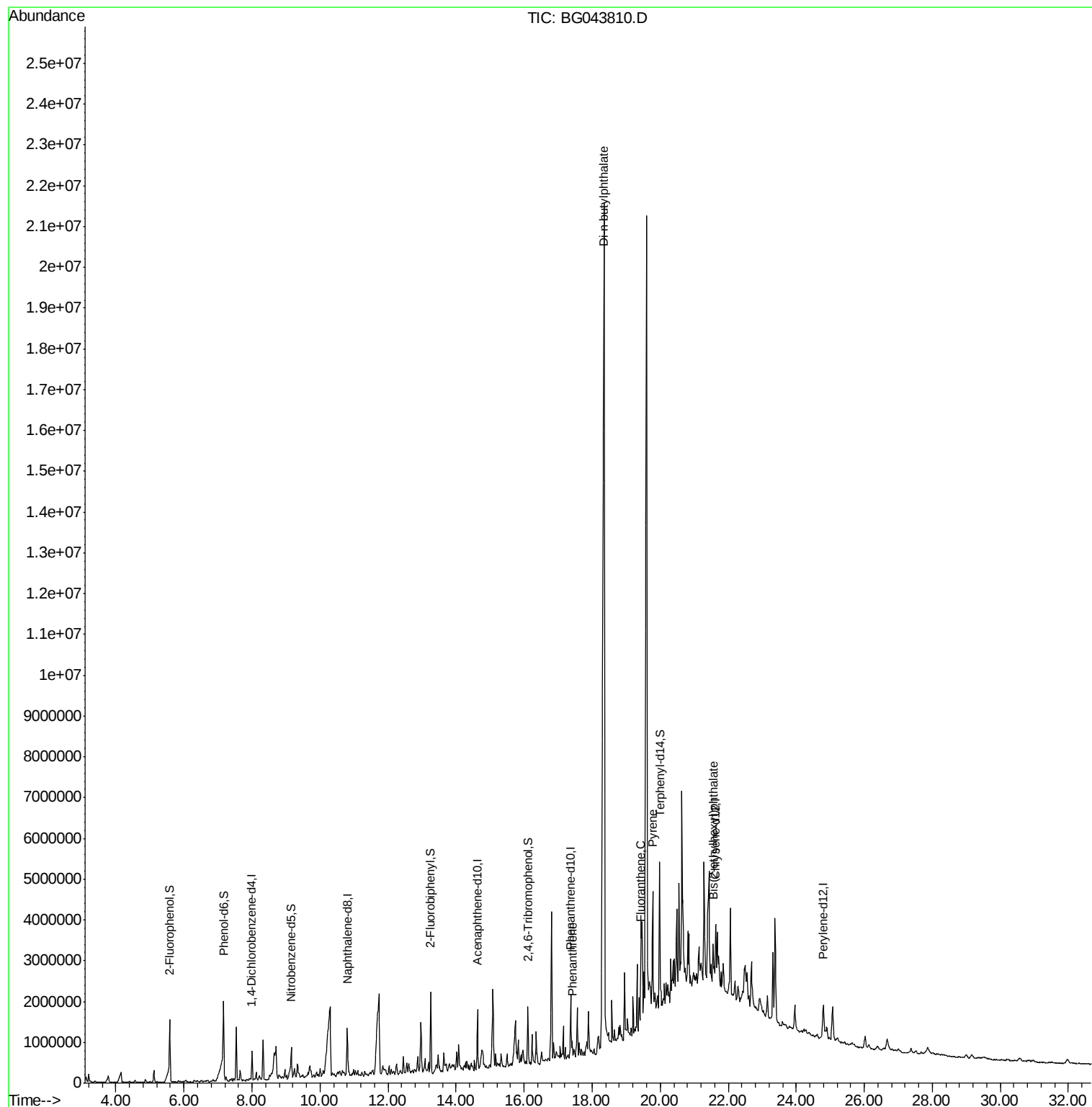
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201401	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	806704	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	507742	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	966782	20.00	ng	0.00
76) Chrysene-d12	21.63	240	791654	20.00	ng	0.00
87) Perylene-d12	24.80	264	918839	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	547284	51.49	ng	0.00
7) Phenol-d6	7.17	99	791008	51.60	ng	0.00
23) Nitrobenzene-d5	9.15	82	481405	33.51	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	225500	46.59	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1051756	36.39	ng	0.00
79) Terphenyl-d14	19.99	244	1286069	39.08	ng	0.00
Target Compounds						
71) Phenanthrene	17.41	178	198501	4.337	ng	95
74) Di-n-butylphthalate	18.34	149	116786	2.405	ng	# 94
75) Fluoranthene	19.42	202	149333	2.851	ng	97
78) Pyrene	19.78	202	110967	2.145	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	252405	8.167	ng	98

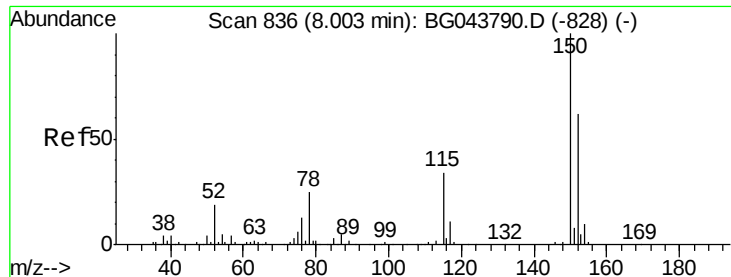
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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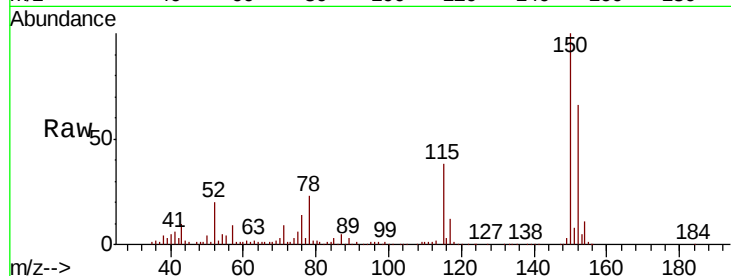


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043810.D
Acq: 12 Dec 2019 00:40

Instrument :
BNA_G
ClientSampleId :
MEZZ-FLOOR

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	128.6	192.8
115	57.2	44.3	66.5

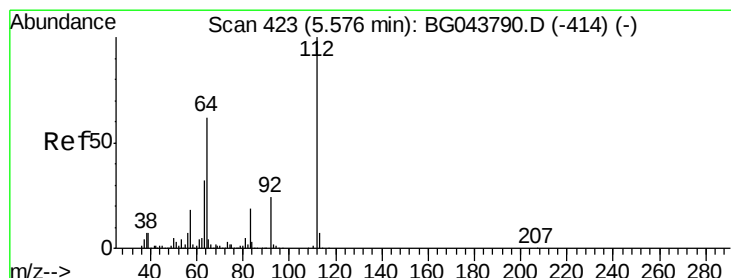
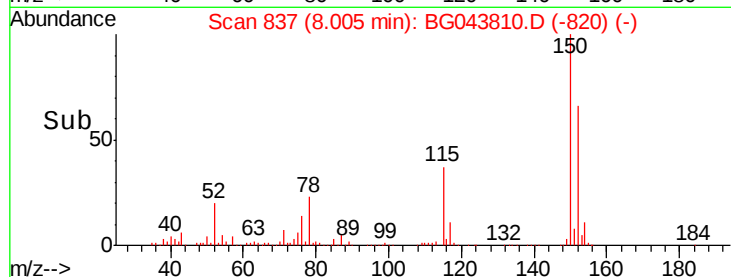
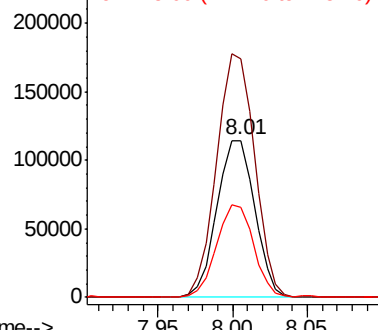


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

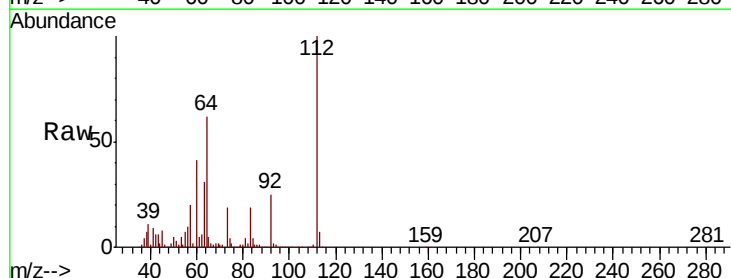
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.487 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG043810.D
Acq: 12 Dec 2019 00:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.9	74.9
63	30.7	26.0	39.0

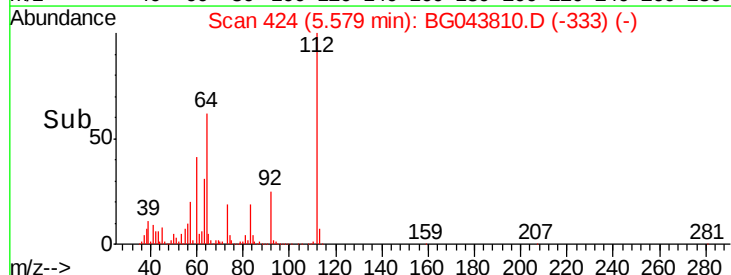
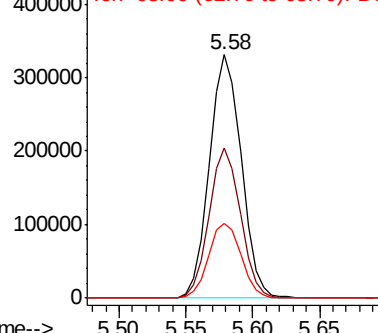


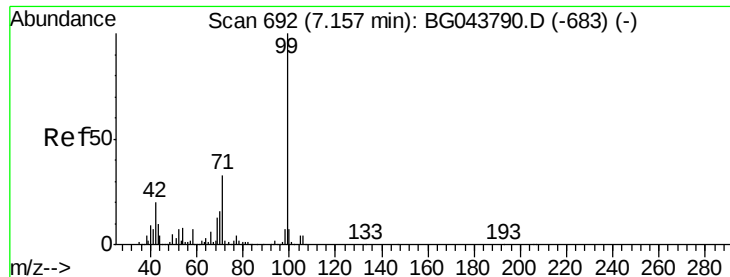
Abundance

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: 51.599 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043810.D

Acq: 12 Dec 2019 00:40

Instrument :

BNA_G

ClientSampleId :

MEZZ-FLOOR

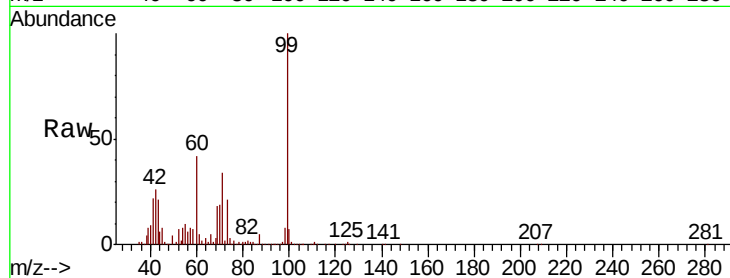
Tot Ion: 99 Resp: 791008

Ion Ratio Lower Upper

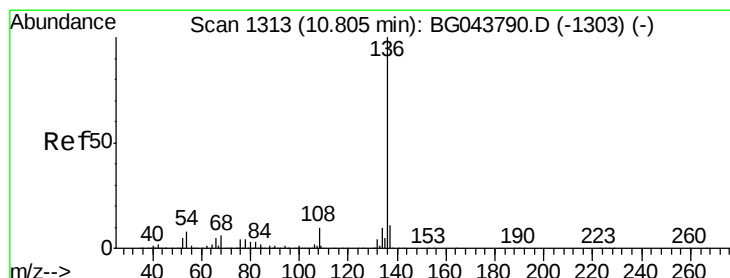
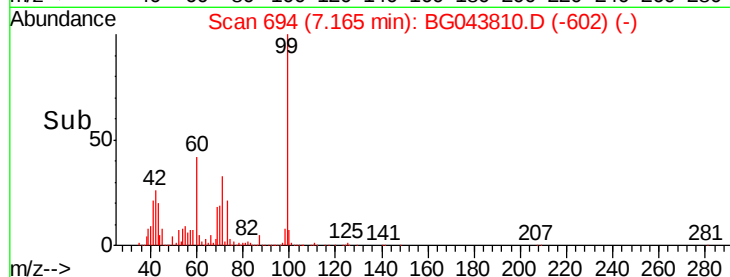
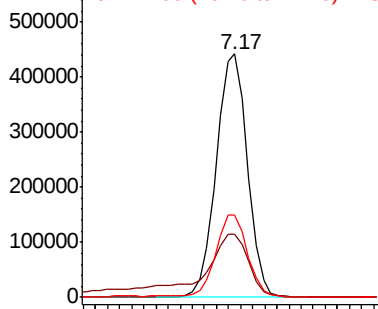
99 100

42 26.0 16.2 24.2#

71 33.7 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: BG043810.D

Acq: 12 Dec 2019 00:40

Tgt Ion: 136 Resp: 806704

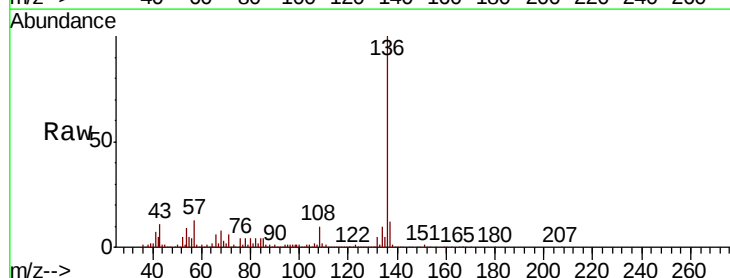
Ion Ratio Lower Upper

136 100

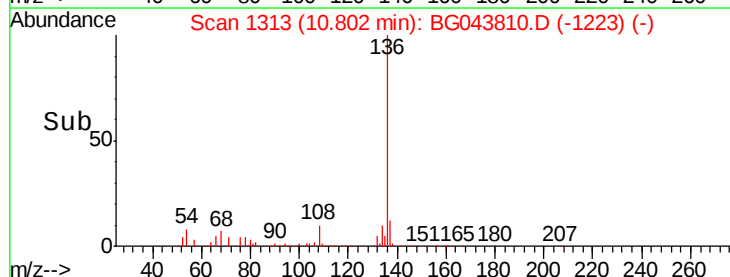
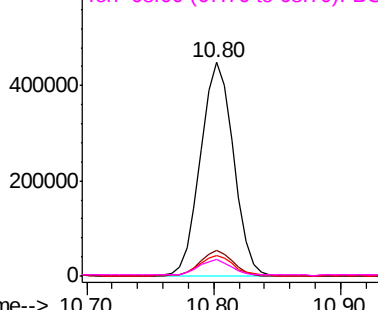
137 11.9 8.7 13.1

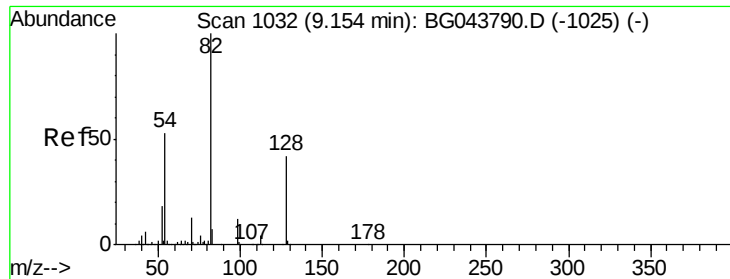
54 9.4 6.8 10.2

68 7.6 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

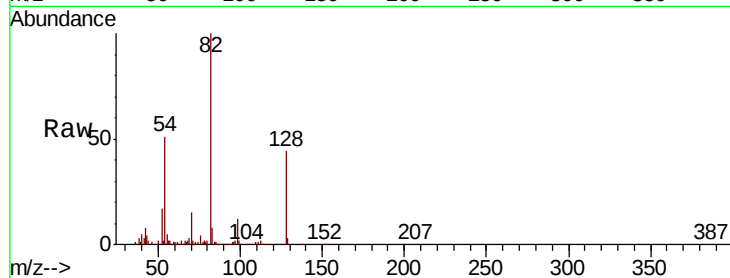




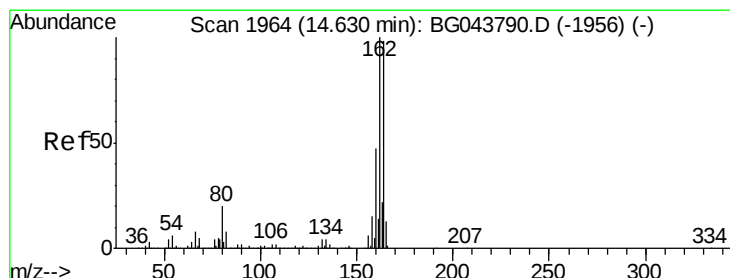
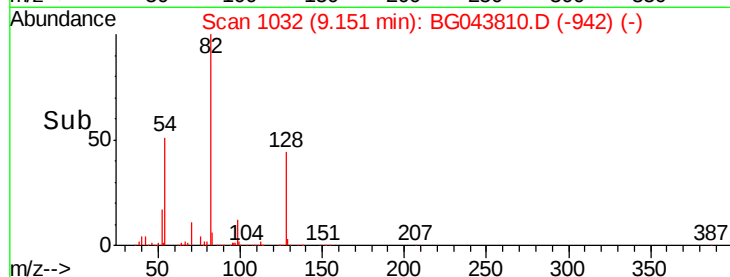
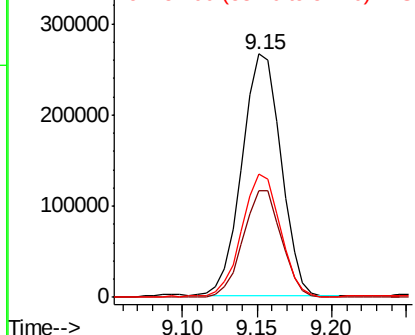
#23
Nitrobenzene-d5
Concen: 33.506 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043810.D
Acq: 12 Dec 2019 00:40

Instrument :
BNA_G
ClientSampleId :
MEZZ-FLOOR

Tot Ion	82	Resp	481405
Ion Ratio	Lower	Upper	
82	100		
128	43.6	33.6	50.4
54	50.8	42.1	63.1

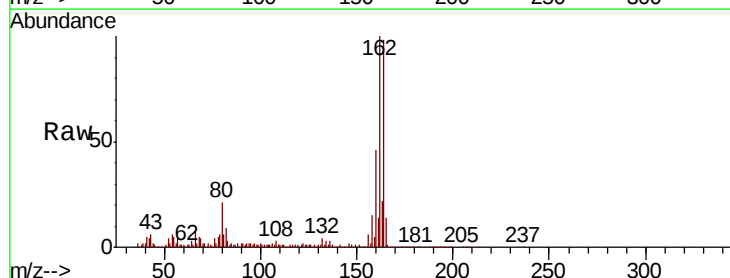


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

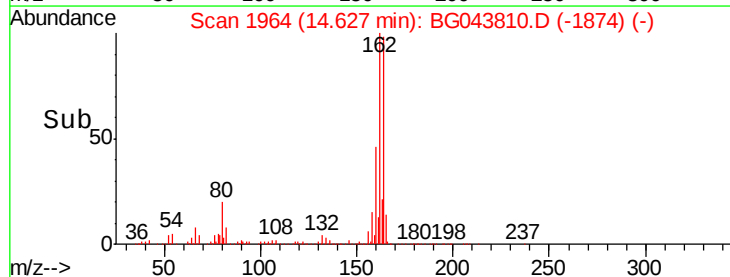
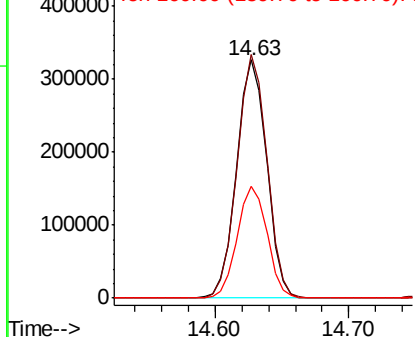


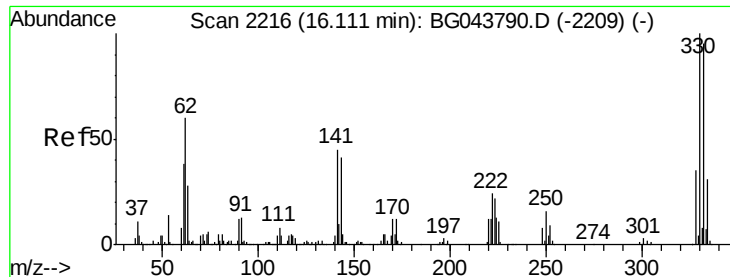
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043810.D
Acq: 12 Dec 2019 00:40

Tgt Ion	164	Resp	507742
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.9	122.9
160	46.8	38.3	57.5



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

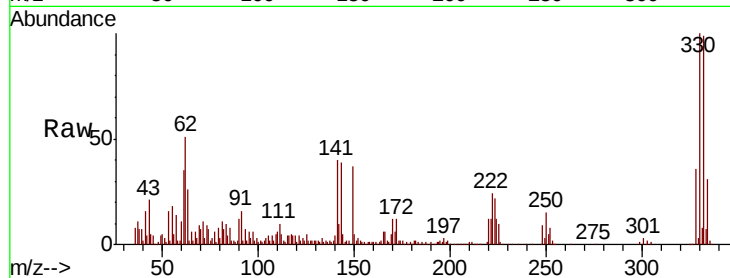




#42
 2,4,6-Tribromophenol
 Concen: 46.586 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043810.D
 Acq: 12 Dec 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :
 MEZZ-FLOOR

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	43.0	33.8	50.8

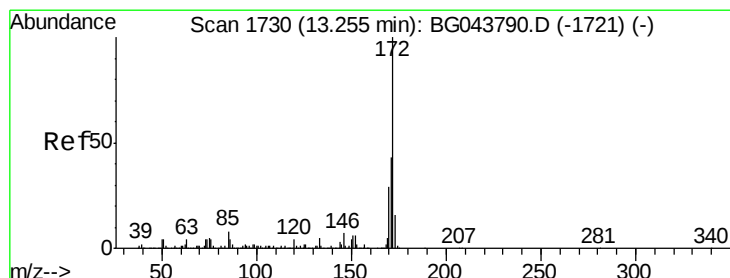
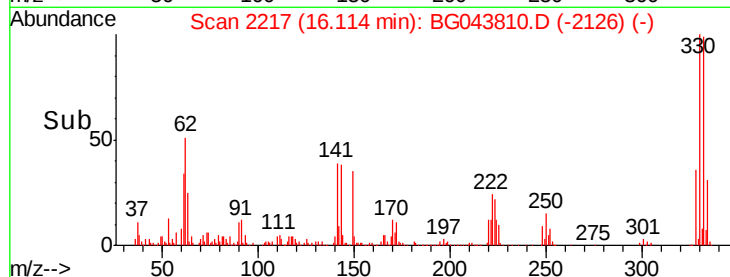
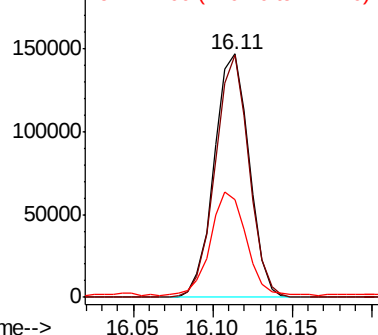


Abundance

Ion 329.80 (329.50 to 330.50): E

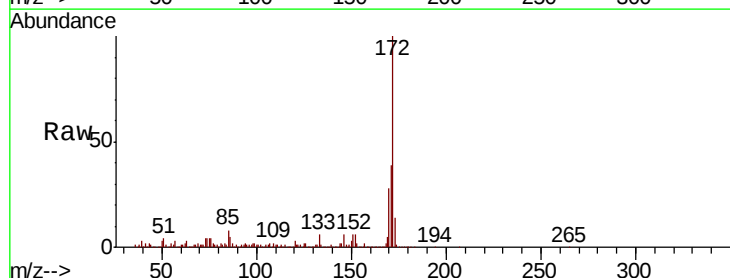
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 36.386 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG043810.D
 Acq: 12 Dec 2019 00:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	34.6	51.8
170	27.5	23.3	34.9

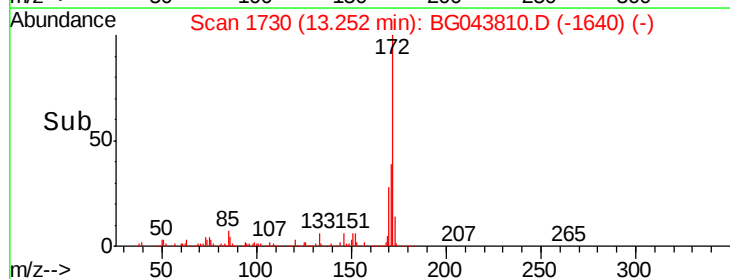
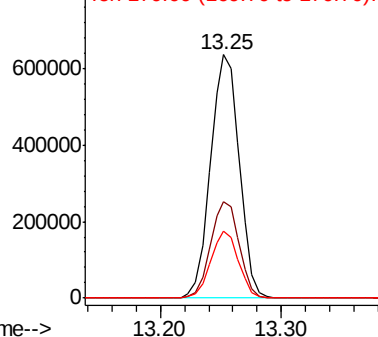


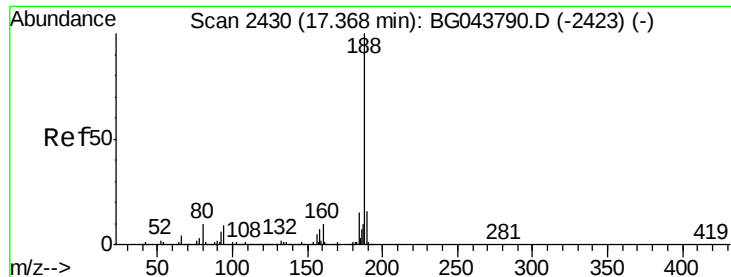
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043810.D

Acq: 12 Dec 2019 00:40

Instrument :

BNA_G

ClientSampleId :

MEZZ-FLOOR

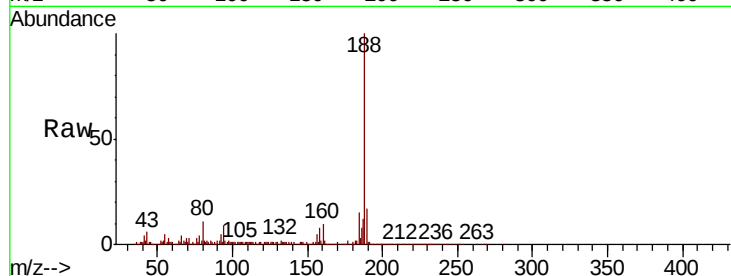
Tot Ion:188 Resp: 966782

Ion Ratio Lower Upper

188 100

94 9.5 6.9 10.3

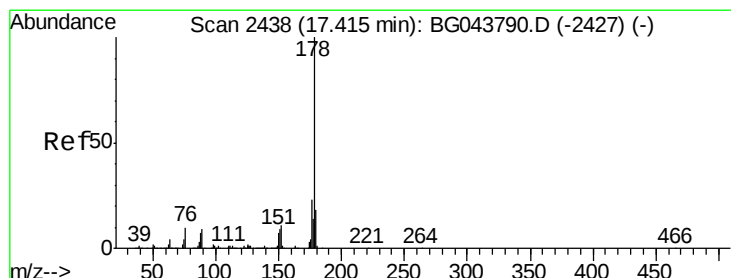
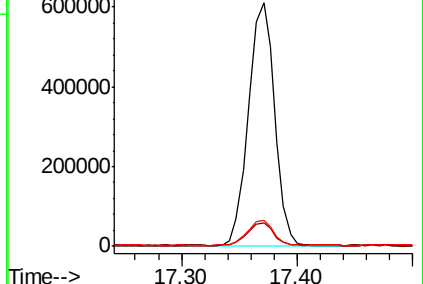
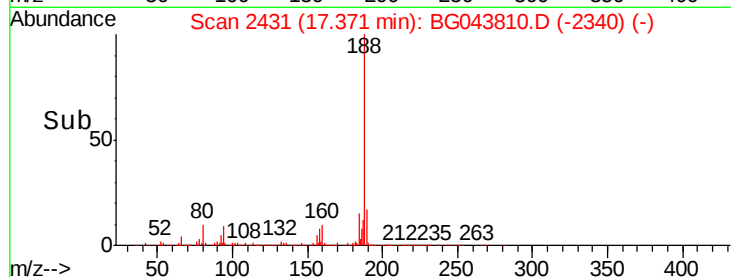
80 10.9 7.8 11.8



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



#71

Phenanthrene

Concen: 4.337 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043810.D

Acq: 12 Dec 2019 00:40

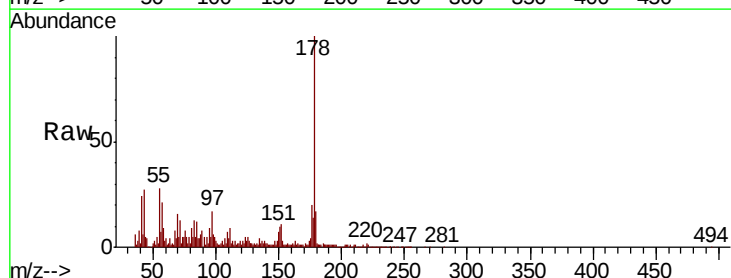
Tgt Ion:178 Resp: 198501

Ion Ratio Lower Upper

178 100

176 20.4 18.6 27.8

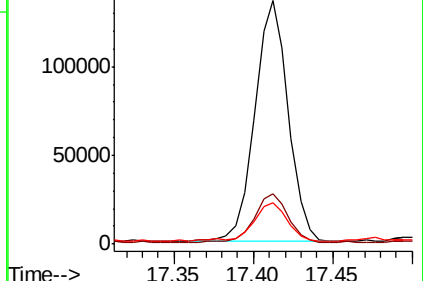
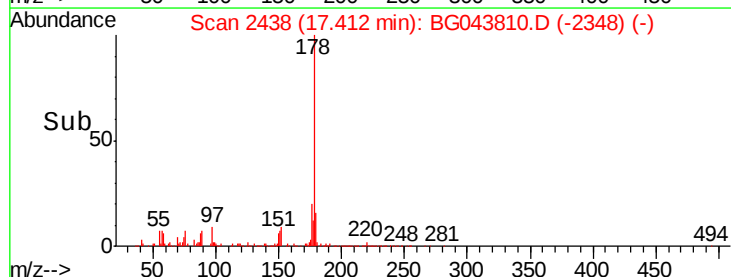
179 16.7 14.7 22.1

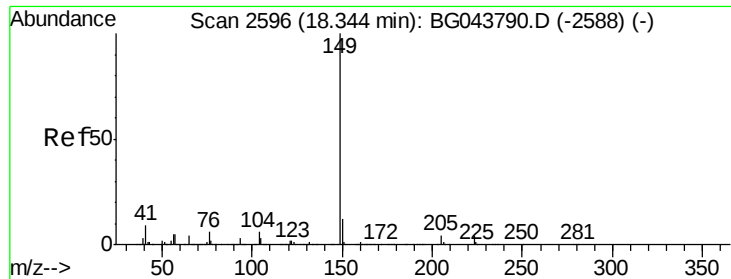


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Di-n-butylphthalate

Concen: 2.405 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043810.D

Acq: 12 Dec 2019 00:40

Instrument :

BNA_G

ClientSampleId :

MEZZ-FLOOR

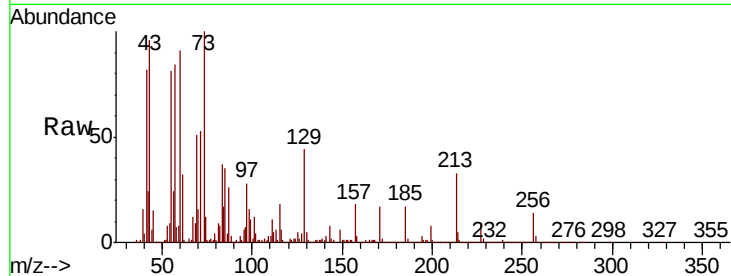
Tot Ion:149 Resp: 116786

Ion Ratio Lower Upper

149 100

150 13.3 9.4 14.0

104 9.2 4.8 7.2#

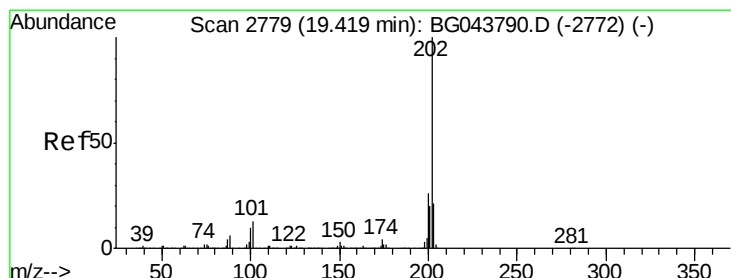
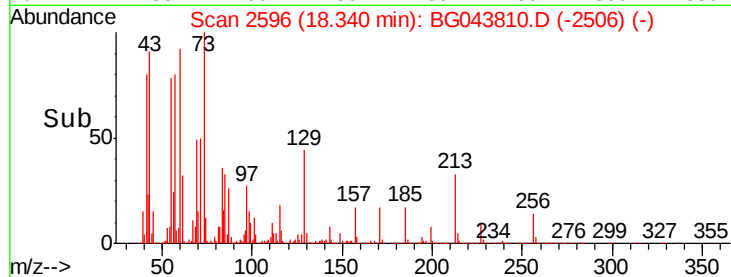
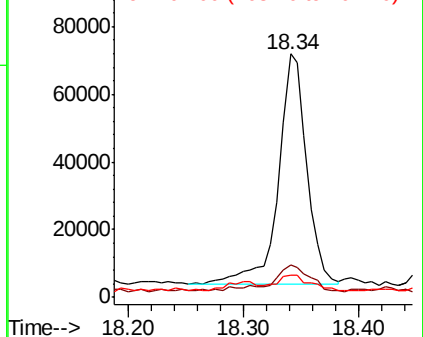


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 2.851 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043810.D

Acq: 12 Dec 2019 00:40

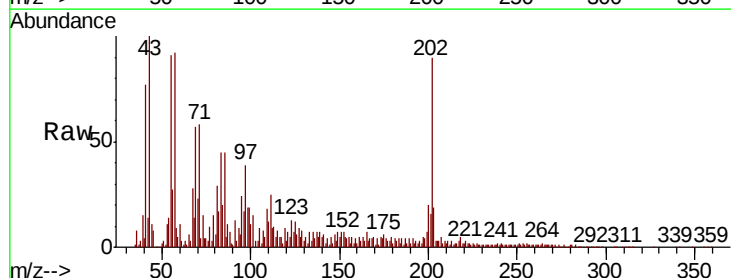
Tgt Ion:202 Resp: 149333

Ion Ratio Lower Upper

202 100

101 16.1 0.0 32.7

203 21.0 1.0 41.0

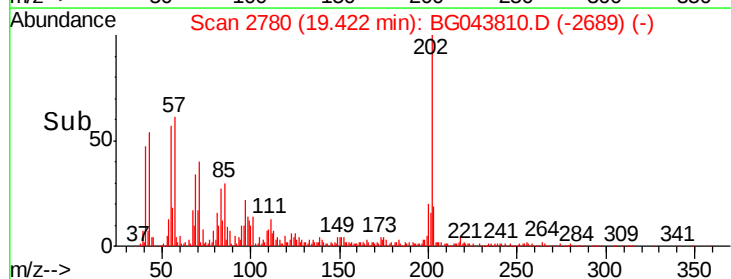
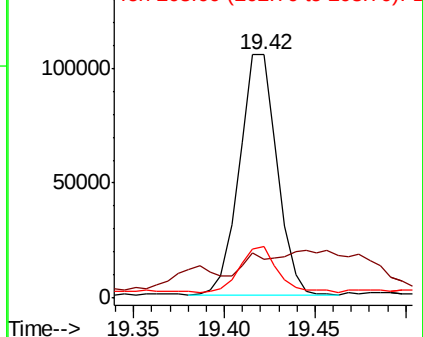


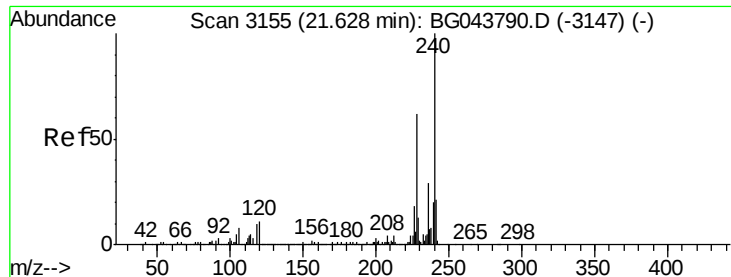
Abundance

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

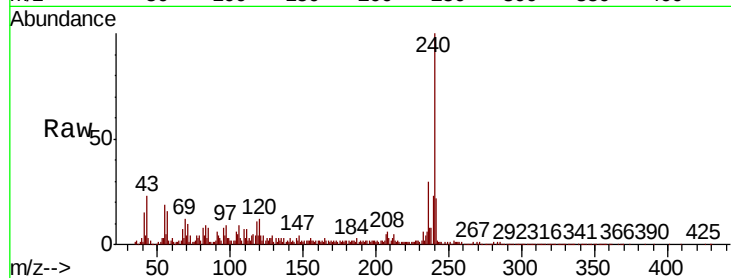




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG043810.D
Acq: 12 Dec 2019 00:40

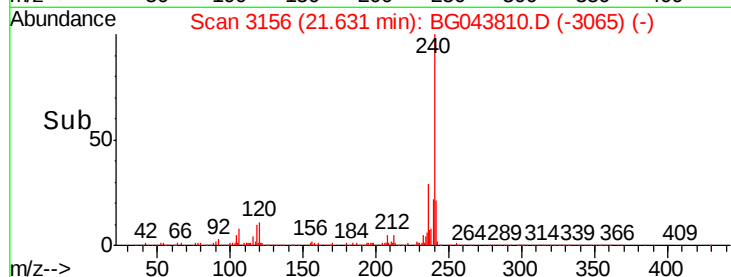
Instrument :
BNA_G
ClientSampleId :
MEZZ-FLOOR

Tot Ion:240 Resp: 791654
Ion Ratio Lower Upper
240 100
120 12.5 8.6 12.8
236 29.8 23.1 34.7

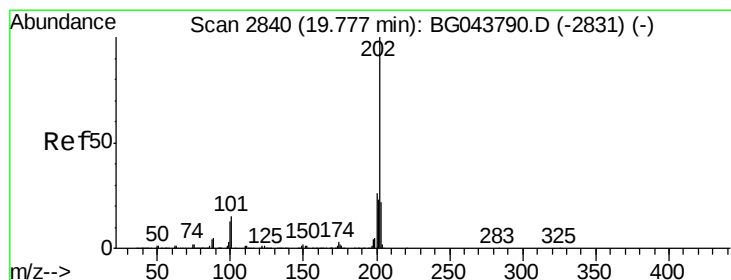


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.63

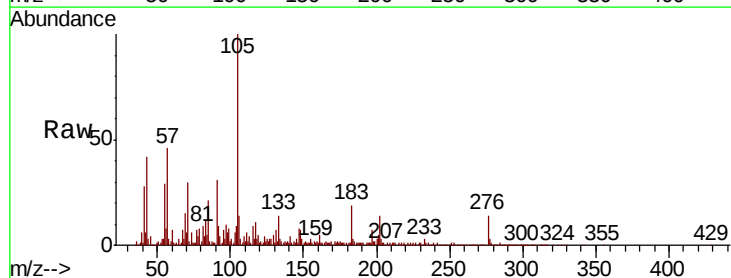


Time-->



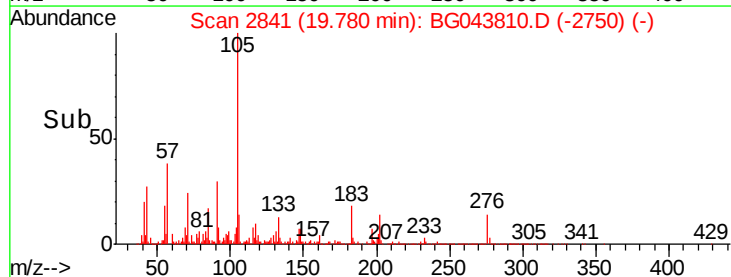
#78
Pyrene
Concen: 2.145 ng
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG043810.D
Acq: 12 Dec 2019 00:40

Tgt Ion:202 Resp: 110967
Ion Ratio Lower Upper
202 100
200 22.4 20.8 31.2
203 21.4 17.7 26.5

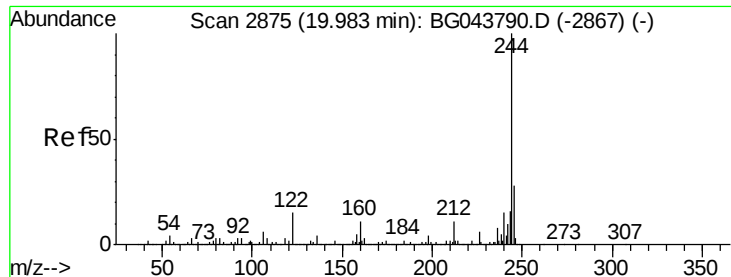


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

19.78



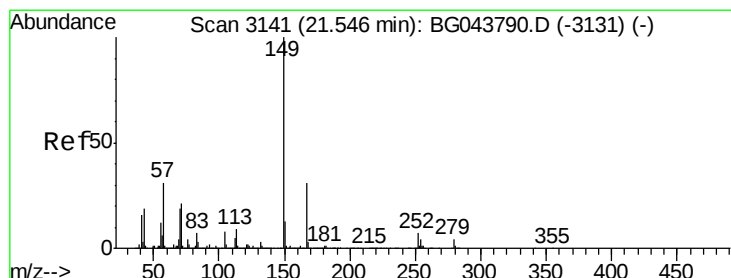
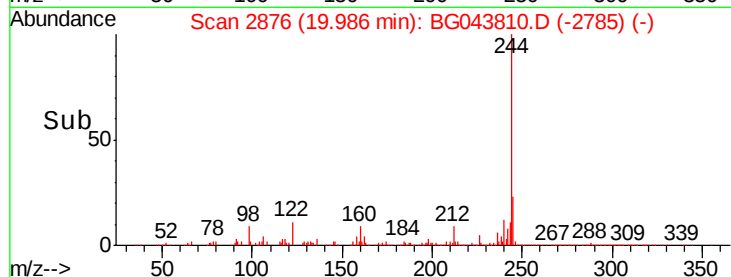
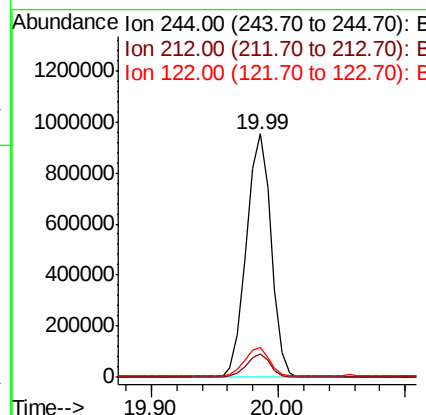
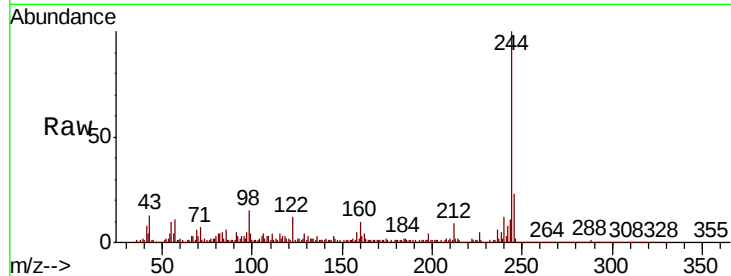
Time-->



#79
 Terphenyl-d14
 Concen: 39.083 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG043810.D
 Acq: 12 Dec 2019 00:40

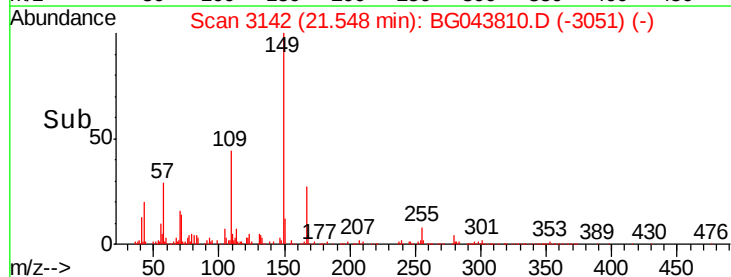
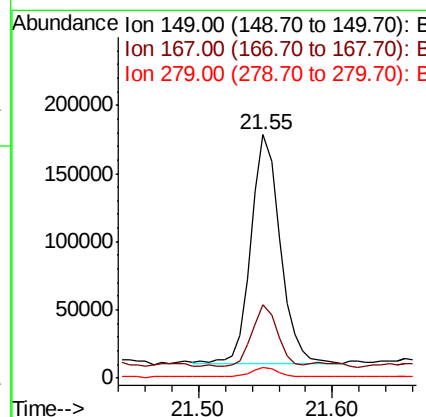
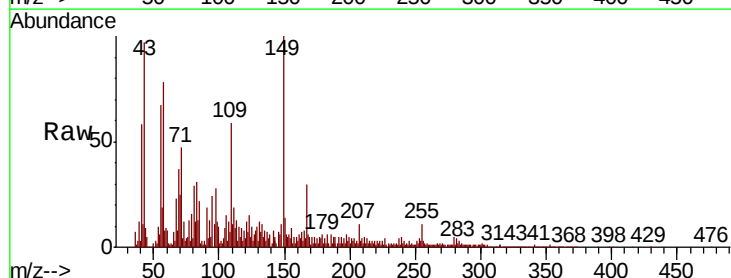
Instrument :
 BNA_G
 ClientSampleId :
 MEZZ-FLOOR

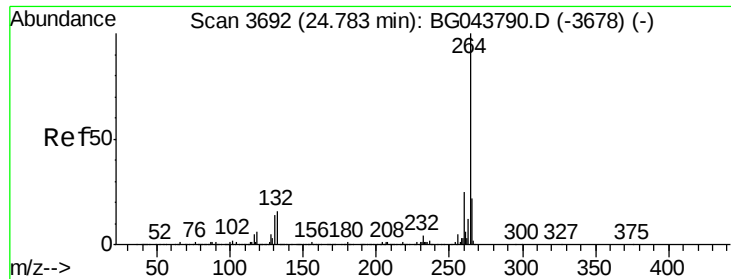
Tot Ion:244 Resp: 1286069
 Ion Ratio Lower Upper
 244 100
 212 9.4 9.1 13.7
 122 12.1 11.6 17.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.167 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043810.D
 Acq: 12 Dec 2019 00:40

Tgt Ion:149 Resp: 252405
 Ion Ratio Lower Upper
 149 100
 167 30.1 25.1 37.7
 279 4.5 3.5 5.3





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.80 min Scan# 3695
 Delta R.T. 0.01 min
 Lab File: BG043810.D
 Acq: 12 Dec 2019 00:40

Instrument :
 BNA_G
 ClientSampleId :
 MEZZ-FLOOR

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	22.5	17.9	26.9

