

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043812.D
 Acq On : 12 Dec 2019 1:58
 Operator : JU
 Sample : K6245-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WHITE-BRICK

Quant Time: Dec 12 03:55:51 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

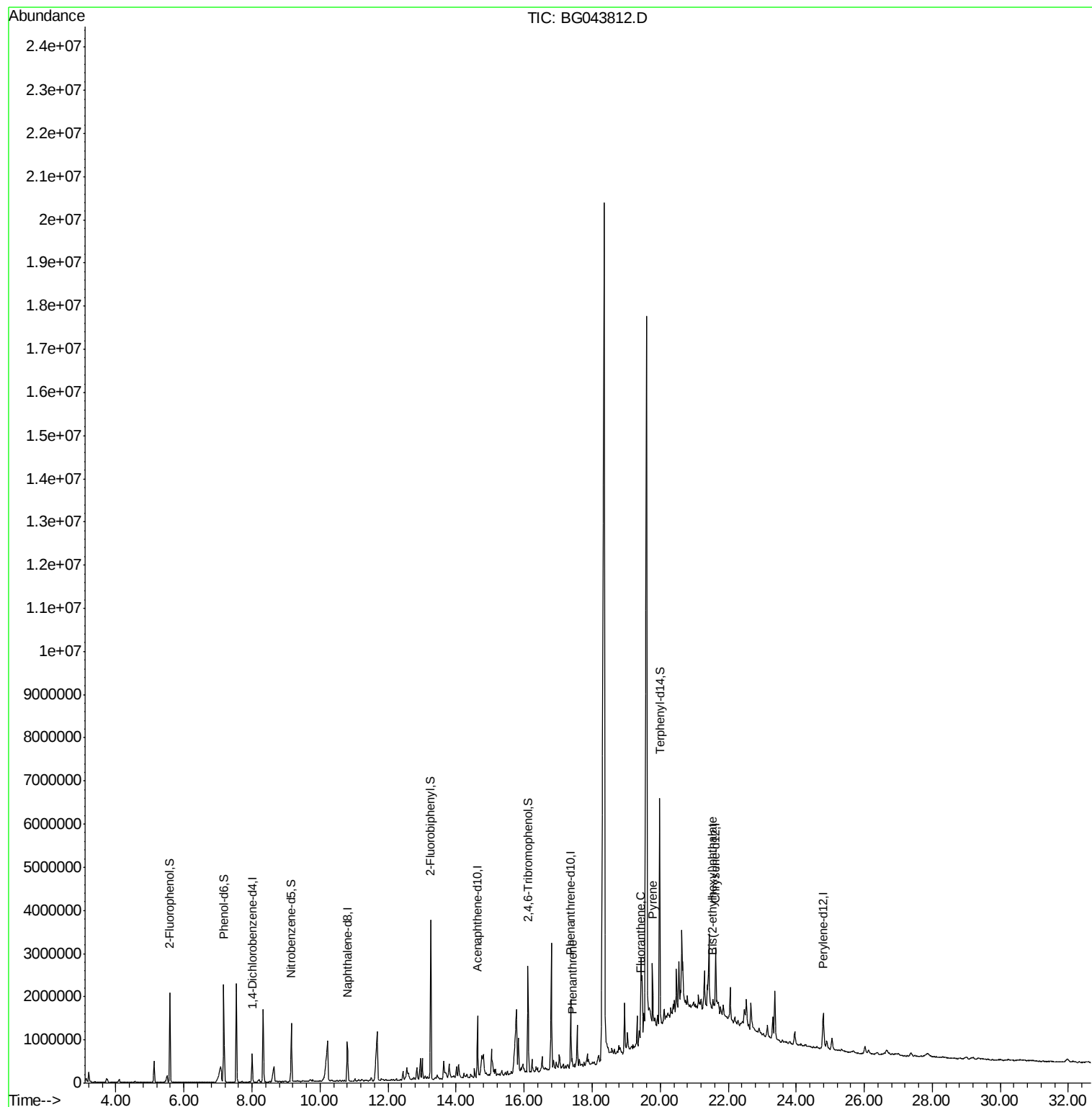
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	198125	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	816577	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	505283	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	964458	20.00	ng	0.00
76) Chrysene-d12	21.63	240	788037	20.00	ng	0.00
87) Perylene-d12	24.79	264	893290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	955925	91.42	ng	0.00
7) Phenol-d6	7.17	99	1350856	89.58	ng	0.01
23) Nitrobenzene-d5	9.16	82	841603	57.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	427105	88.66	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1693583	58.88	ng	0.00
79) Terphenyl-d14	19.99	244	2040180	62.28	ng	0.00
Target Compounds						
71) Phenanthrene	17.41	178	102933	2.254	ng	93
75) Fluoranthene	19.42	202	171245	3.277	ng	96
78) Pyrene	19.78	202	124953	2.426	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	100691	3.273	ng	98

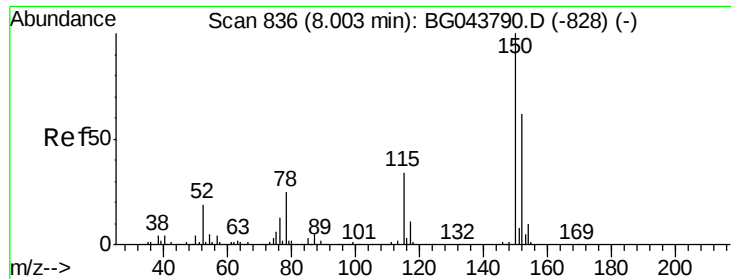
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration



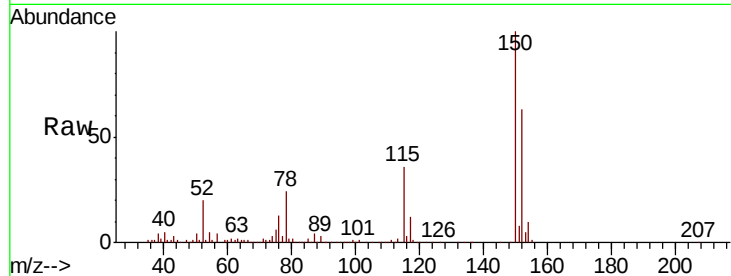


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Instrument :
BNA_G
ClientSampleId :
WHITE-BRICK

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	128.6	192.8
115	57.0	44.3	66.5

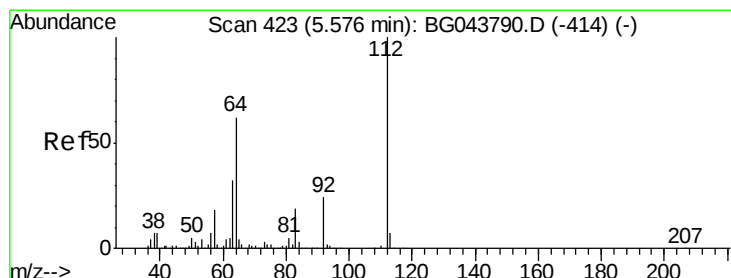
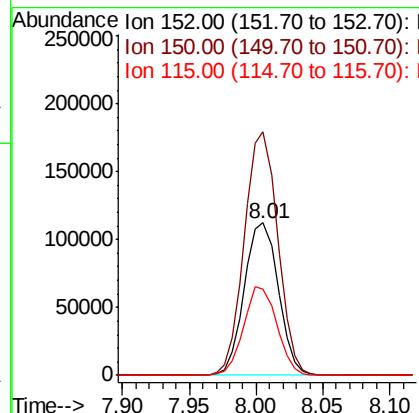
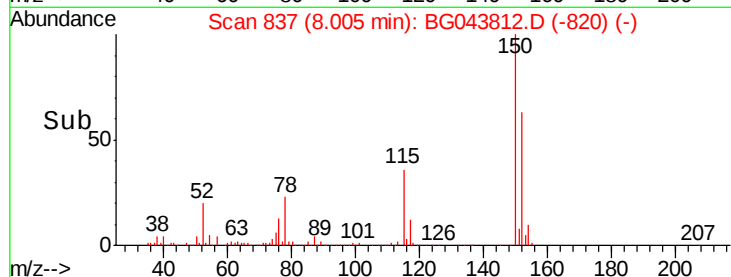


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

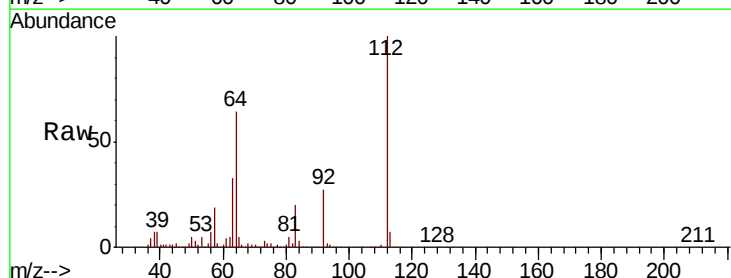
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.418 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.01 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.9	74.9
63	33.0	26.0	39.0

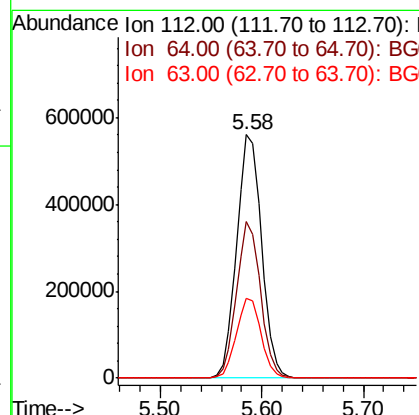
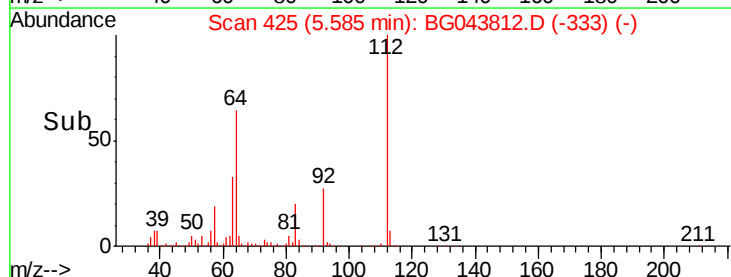


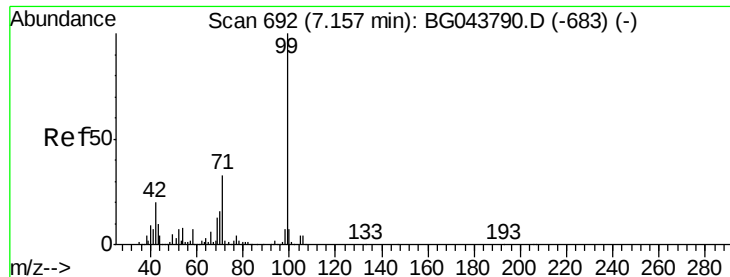
Abundance

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: 89.577 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

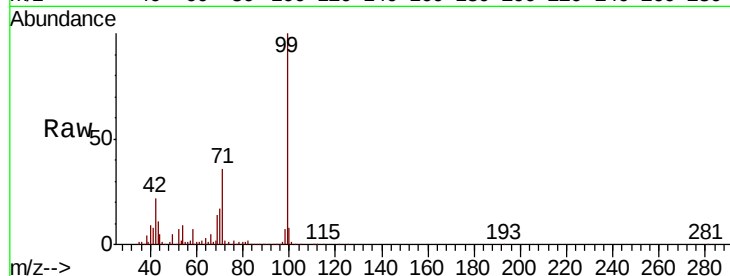
BNA_G

ClientSampleId :

WHITE-BRICK

Tot Ion: 99 Resp: 1350856

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.2	24.2
71	35.6	26.6	40.0

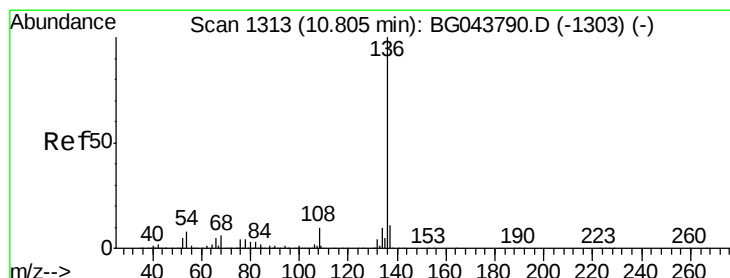
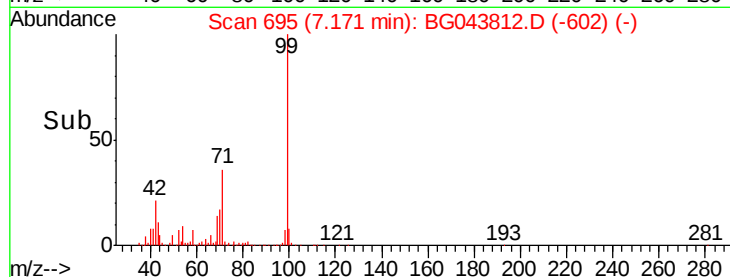
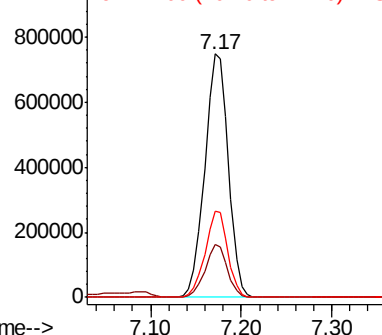


Abundance

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

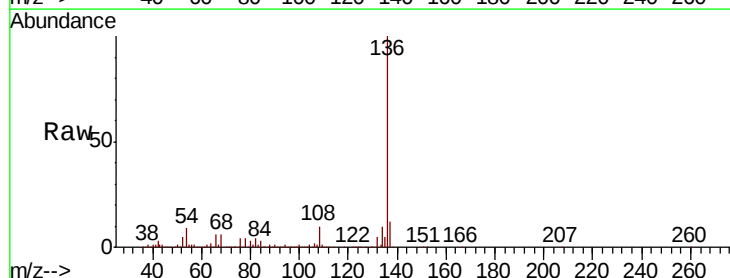
Delta R.T. -0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Tgt Ion: 136 Resp: 816577

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	8.9	6.8	10.2
68	6.3	5.0	7.4



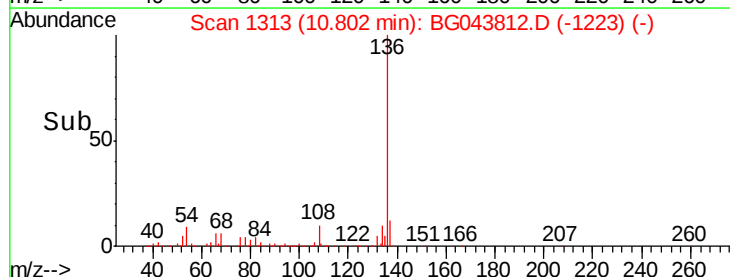
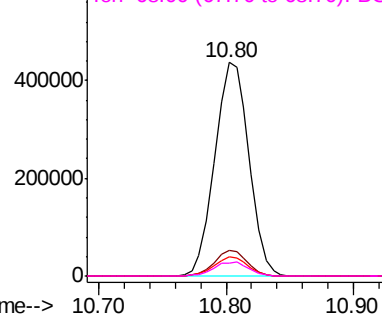
Abundance

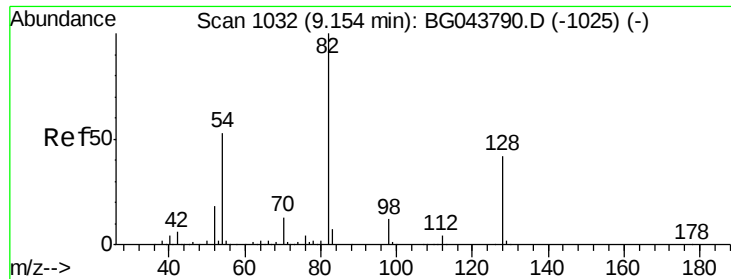
Ion 136.00 (135.70 to 136.70): BGC

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

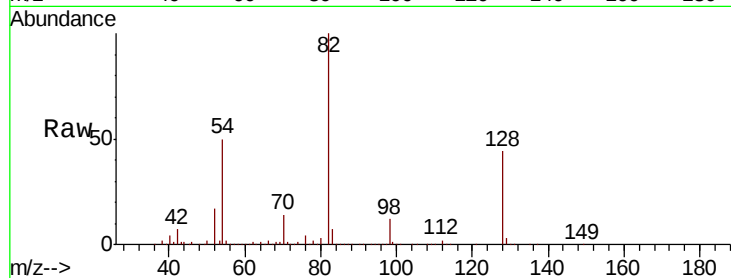




#23
Nitrobenzene-d5
Concen: 57.868 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Instrument :
BNA_G
ClientSampleId :
WHITE-BRICK

Tot Ion	82.00	Resp	841603
Ion Ratio	Lower	Upper	
82	100		
128	44.3	33.6	50.4
54	50.4	42.1	63.1

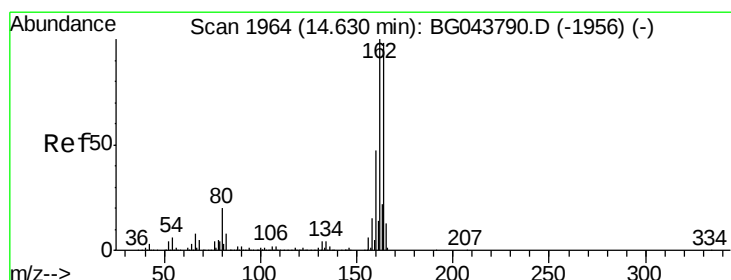
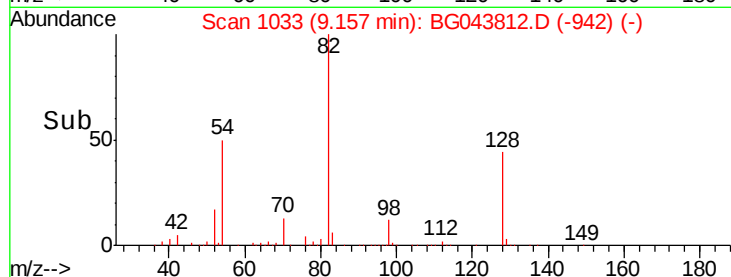
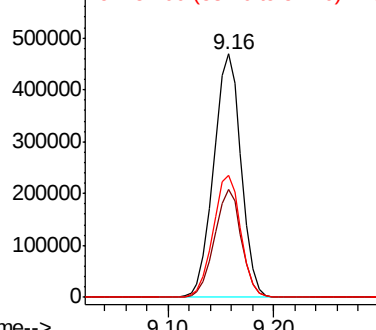


Abundance

Ion 82.00 (81.70 to 82.70): BGC

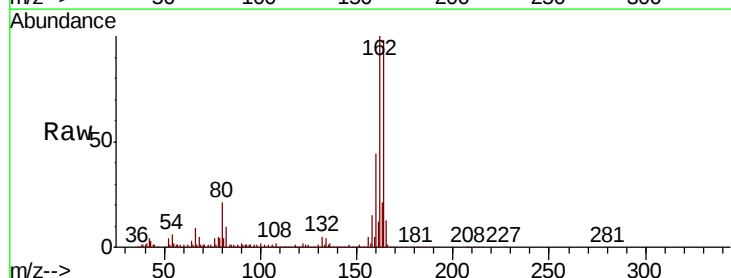
Ion 128.00 (127.70 to 128.70): BGC

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: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion	164	Resp	505283
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.9	122.9
160	45.2	38.3	57.5

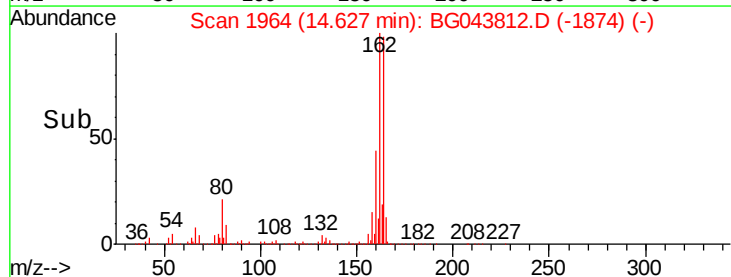
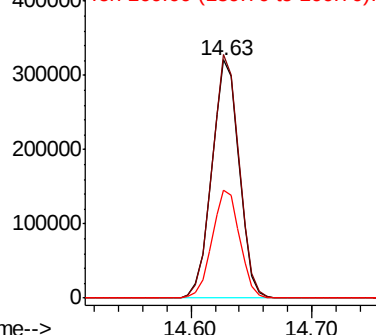


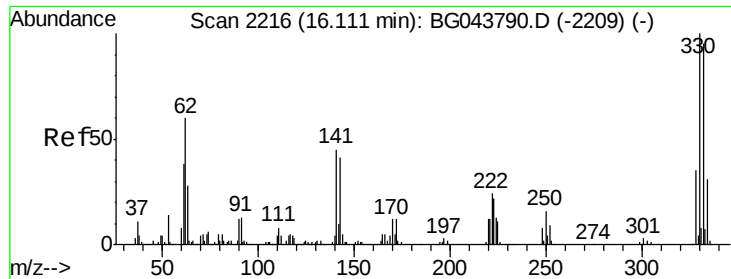
Abundance

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: 88.664 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

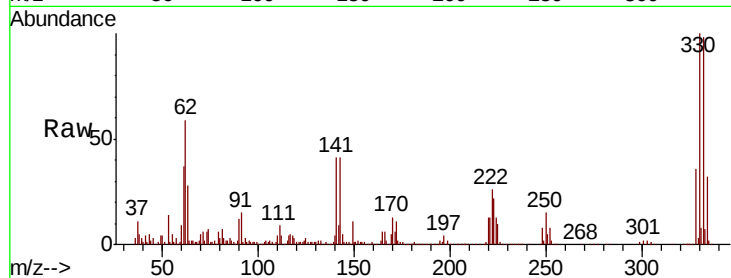
Tot Ion:330 Resp: 427105

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

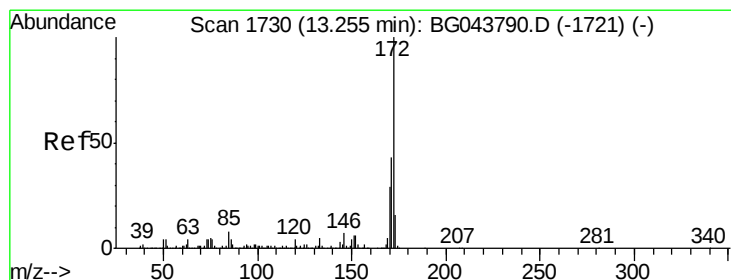
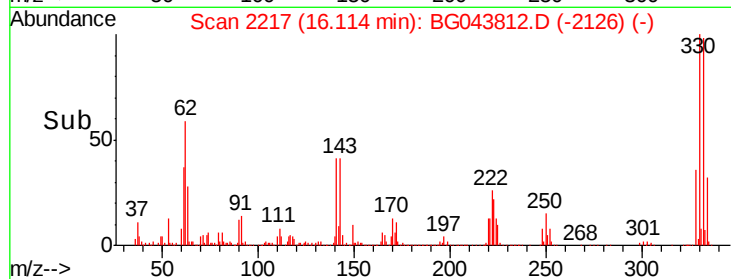
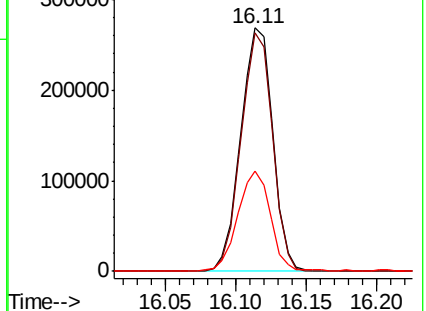
141 41.2 33.8 50.8



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: 58.876 ng

RT: 13.26 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

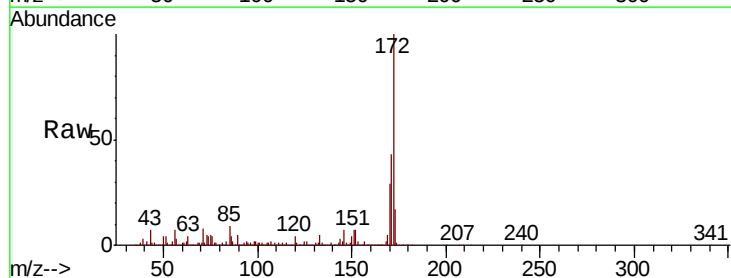
Tgt Ion:172 Resp: 1693583

Ion Ratio Lower Upper

172 100

171 43.4 34.6 51.8

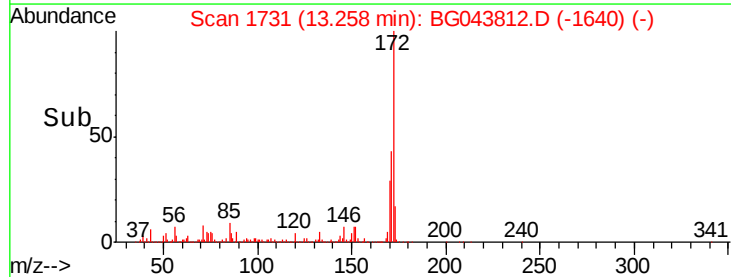
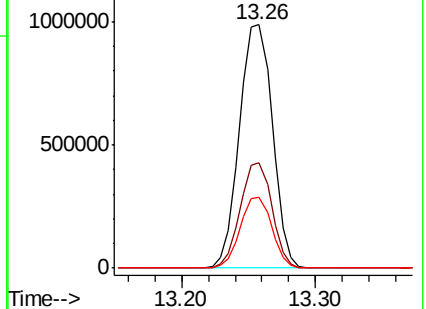
170 29.2 23.3 34.9

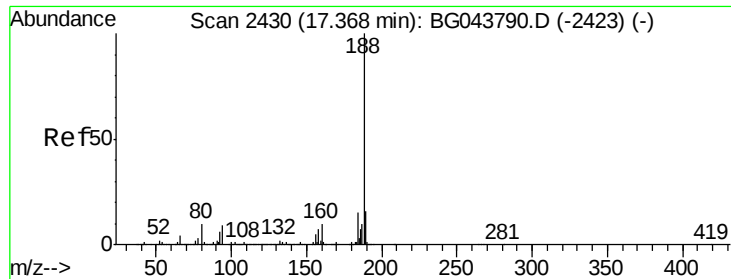


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

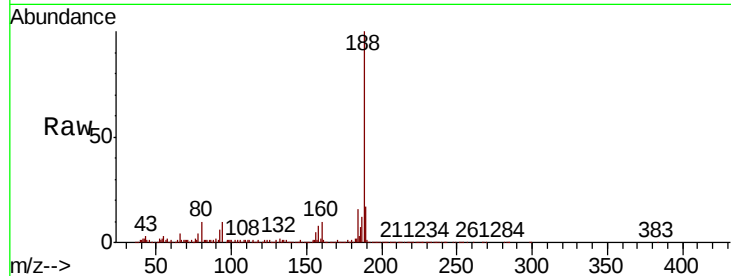
Tot Ion:188 Resp: 964458

Ion Ratio Lower Upper

188 100

94 9.5 6.9 10.3

80 10.4 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

800000

600000

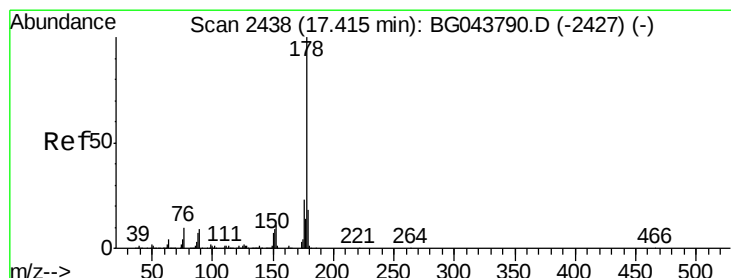
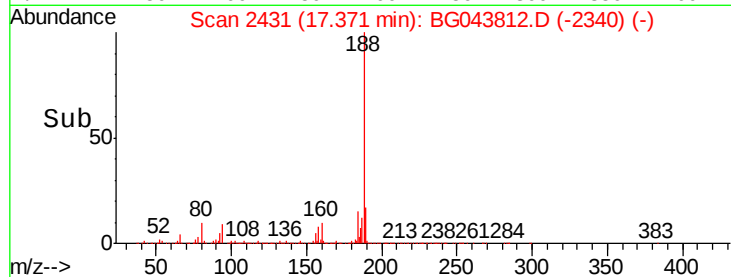
400000

200000

0

17.30 17.35 17.40 17.45

Time-->



#71

Phenanthrene

Concen: 2.254 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

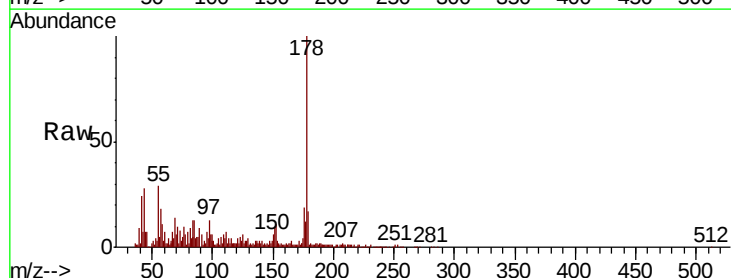
Tgt Ion:178 Resp: 102933

Ion Ratio Lower Upper

178 100

176 18.7 18.6 27.8

179 17.0 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

100000

80000

60000

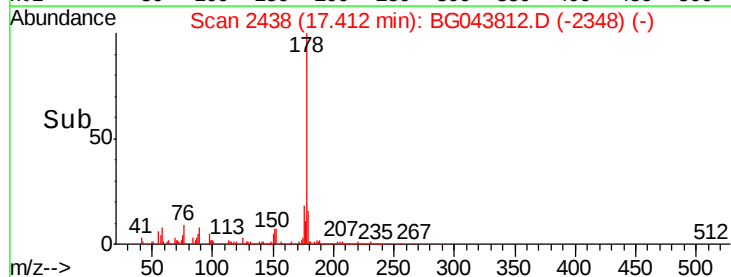
40000

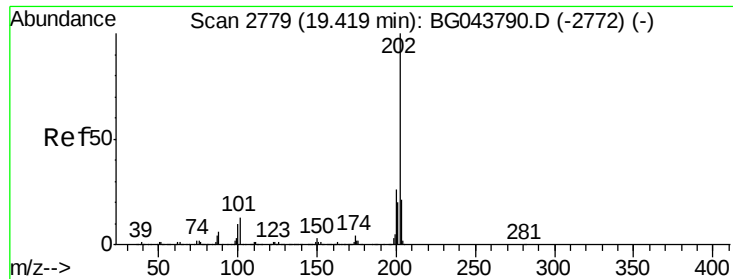
20000

0

17.30 17.40

Time-->





#75

Fluoranthene

Concen: 3.277 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

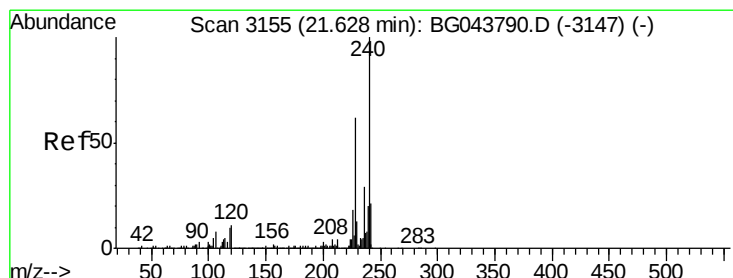
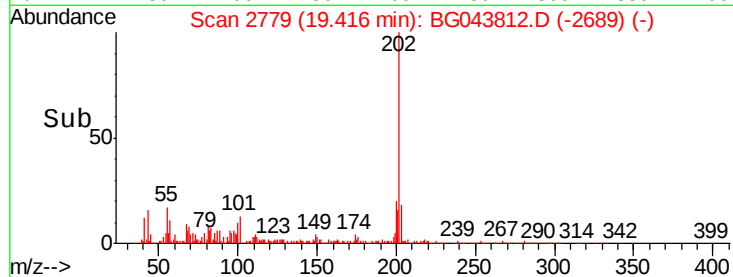
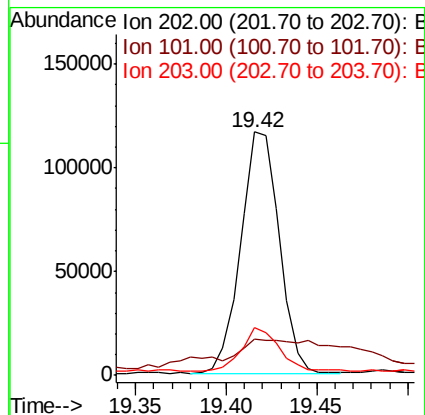
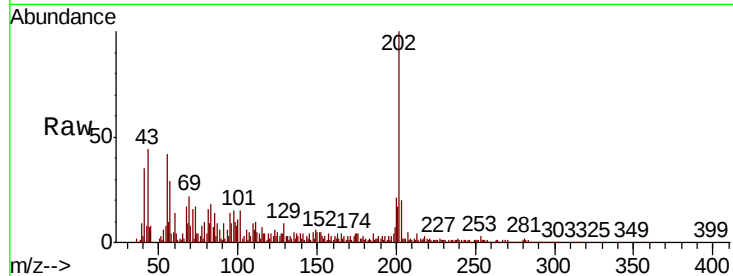
Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

Tot Ion:	202	Resp:	171245
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	32.7
203	19.6	1.0	41.0



#76

Chrysene-d12

Concen: 20.000 ng

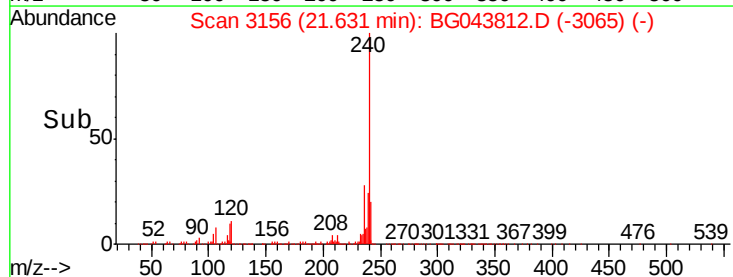
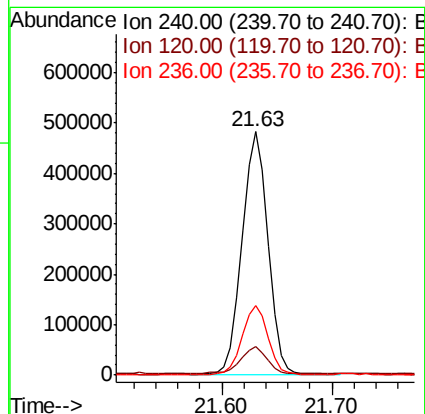
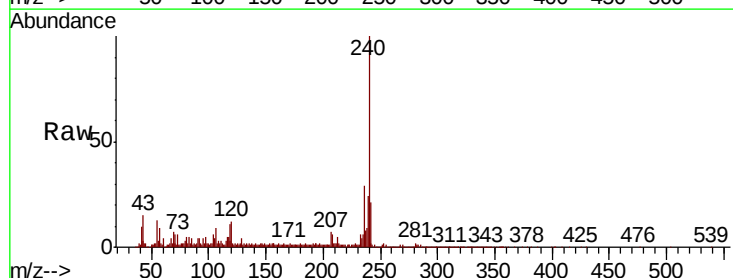
RT: 21.63 min Scan# 3156

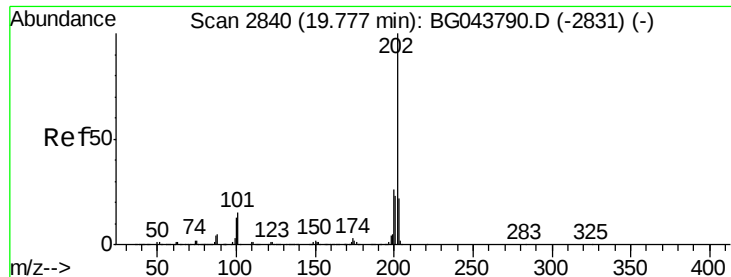
Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Tgt Ion:	240	Resp:	788037
Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	12.8
236	28.5	23.1	34.7

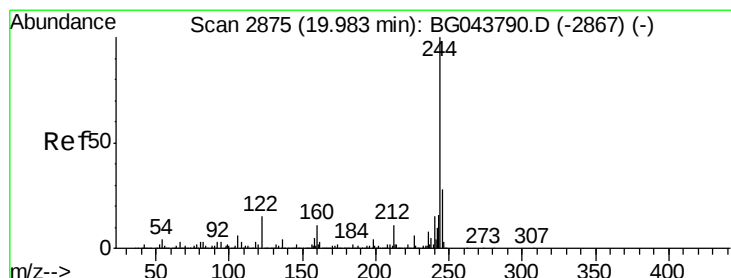
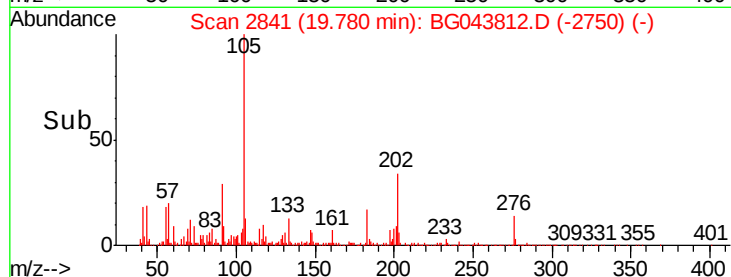
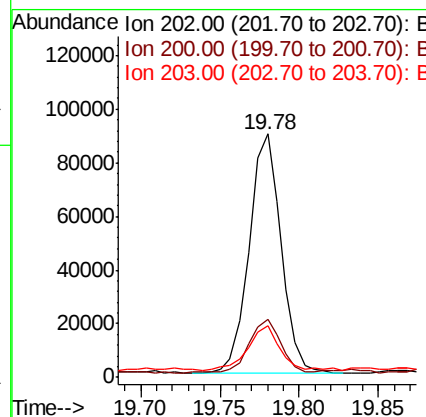
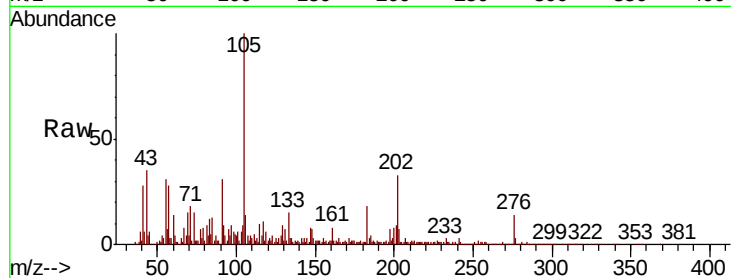




#78
Pvrene
Concen: 2.426 ng
RT: 19.78 min Scan# 2841
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

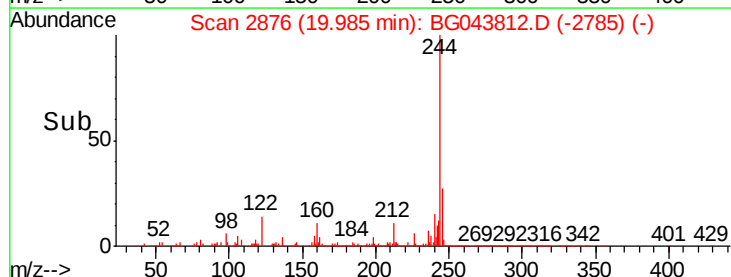
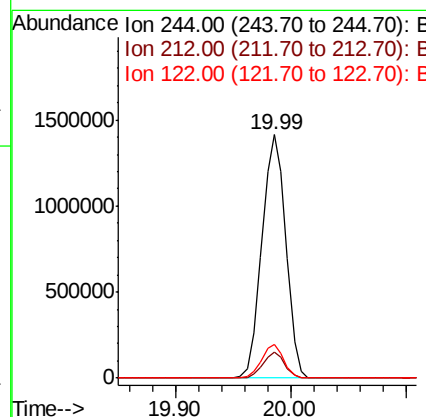
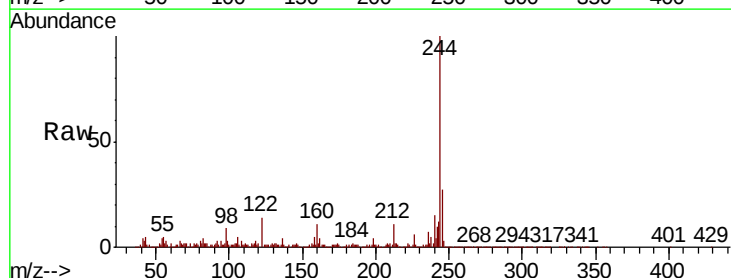
Instrument :
BNA_G
ClientSampleId :
WHITE-BRICK

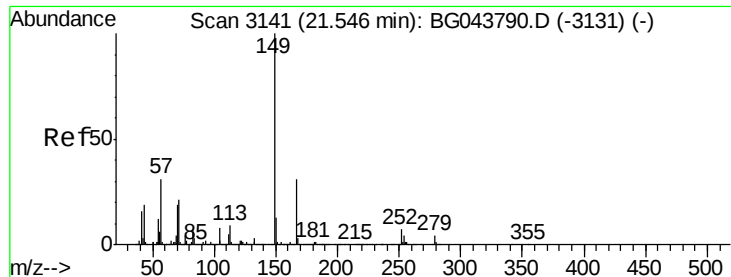
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	20.8	31.2
203	21.2	17.7	26.5



#79
Terphenyl-d14
Concen: 62.284 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG043812.D
Acq: 12 Dec 2019 1:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.1	13.7
122	13.9	11.6	17.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.273 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043812.D

Acq: 12 Dec 2019 1:58

Instrument :

BNA_G

ClientSampleId :

WHITE-BRICK

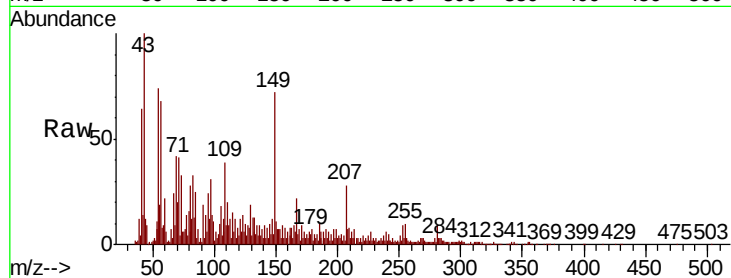
Tot Ion:149 Resp: 100691

Ion Ratio Lower Upper

149 100

167 30.2 25.1 37.7

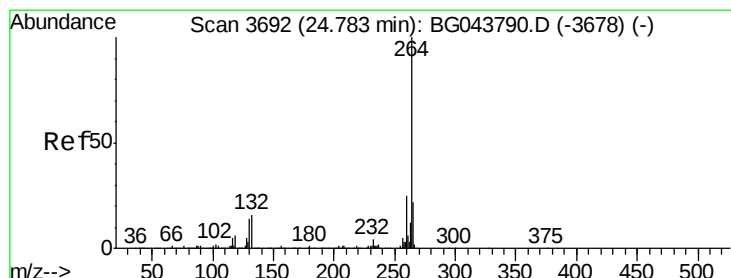
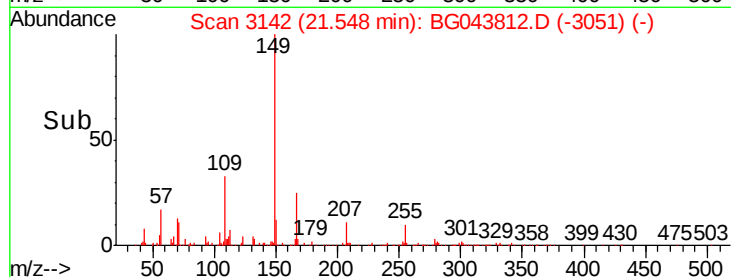
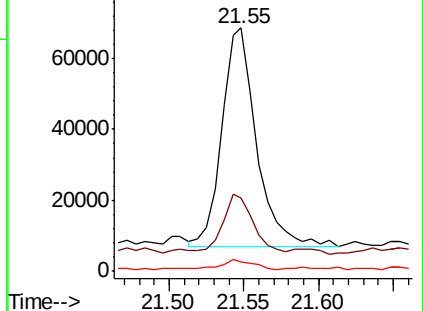
279 3.7 3.5 5.3



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: BG043812.D

Acq: 12 Dec 2019 1:58

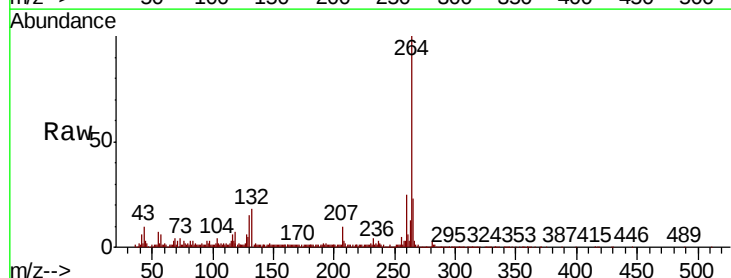
Tgt Ion:264 Resp: 893290

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 23.1 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

