

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045143.D
 Acq On : 23 Apr 2020 15:51
 Operator : CG/JU
 Sample : L2359-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1B-S

Quant Time: Apr 23 16:29:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 15:21:03 2020
 Response via : Initial Calibration

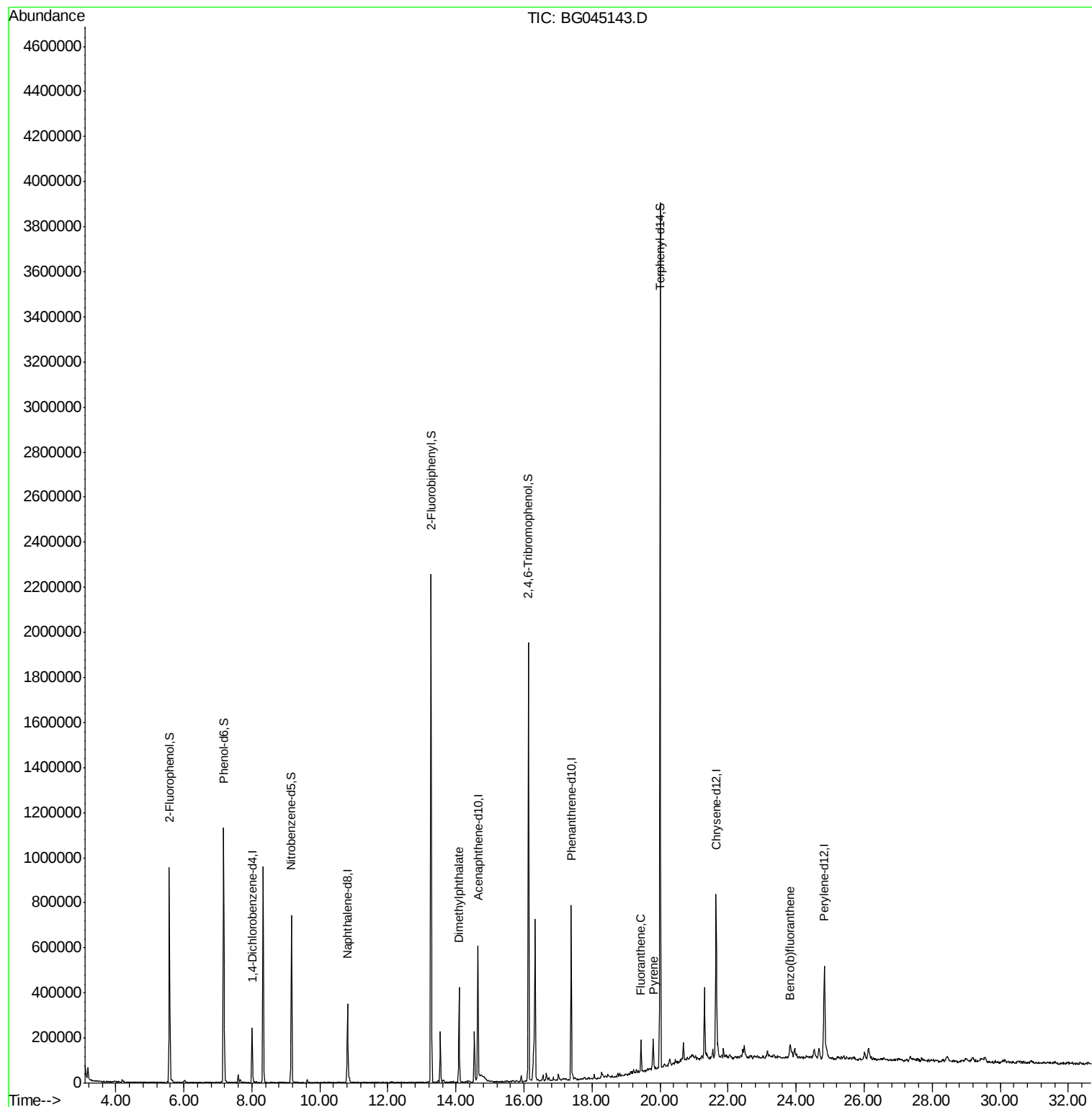
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	73809	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	314134	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	223966	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	498007	20.00	ng	0.00
76) Chrysene-d12	21.65	240	436678	20.00	ng	0.00
87) Perylene-d12	24.83	264	475658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	472209	105.62	ng	0.00
7) Phenol-d6	7.17	99	739561	111.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	514168	74.68	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	400687	115.81	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1257326	82.32	ng	0.00
79) Terphenyl-d14	20.00	244	1834880	91.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.09	163	273852	15.017	ng	97
75) Fluoranthene	19.44	202	91183	2.807	ng	98
78) Pyrene	19.80	202	84251	2.799	ng	97
88) Benzo(b)fluoranthene	23.83	252	70064	2.352	ng	95

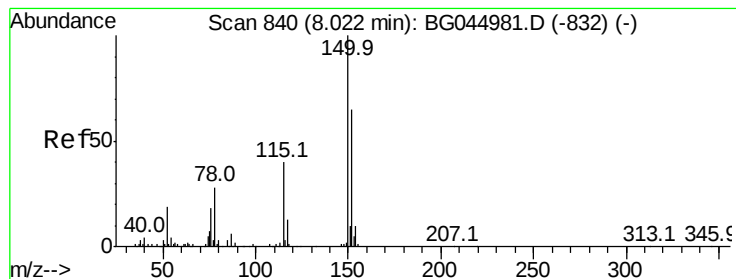
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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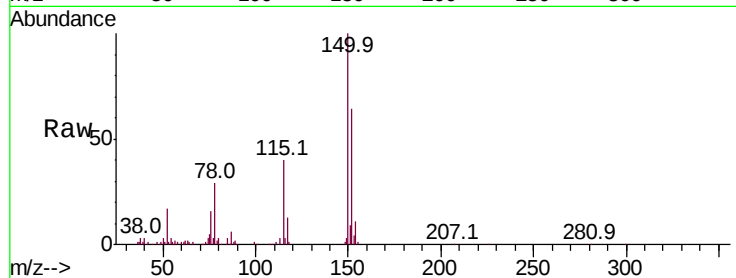


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG045143.D
Acq: 23 Apr 2020 15:51

Instrument :
BNA_G
ClientSampleId :
TP-1B-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.6	185.4
115	62.1	49.1	73.7

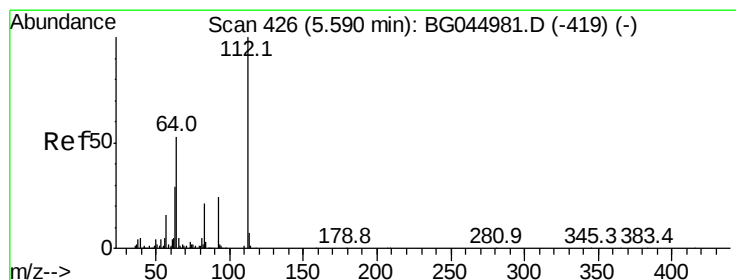
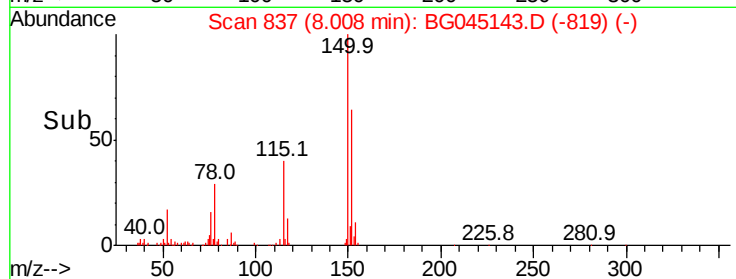
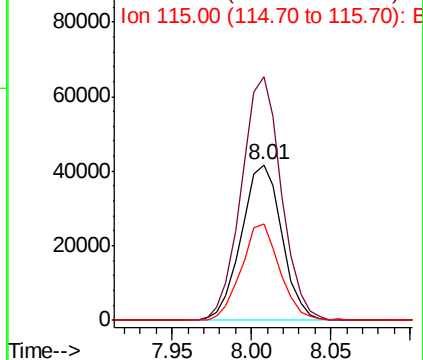


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

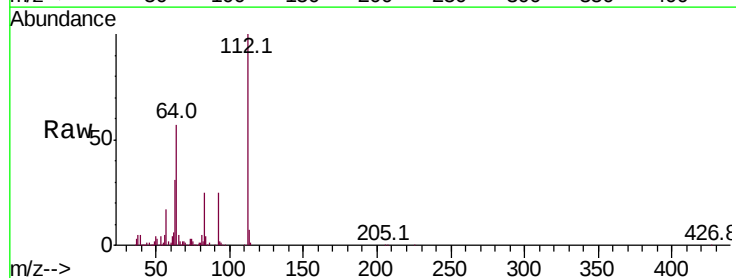
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.623 ng
RT: 5.58 min Scan# 423
Delta R.T. -0.00 min
Lab File: BG045143.D
Acq: 23 Apr 2020 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	42.4	63.6
63	31.4	23.1	34.7

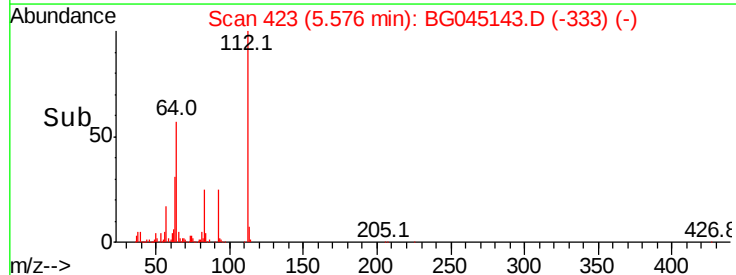
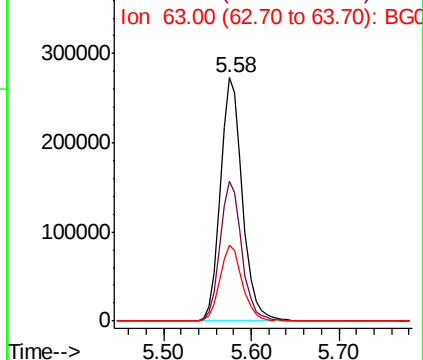


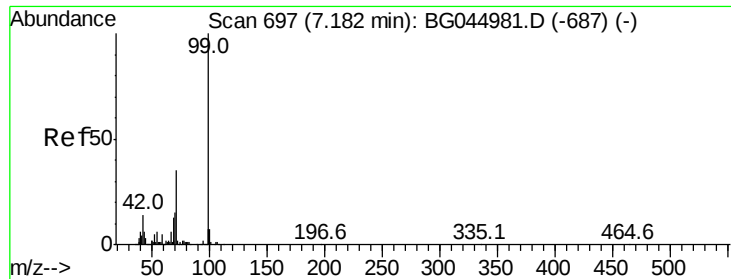
Abundance

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: 111.340 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

Instrument :

BNA_G

ClientSampled :

TP-1B-S

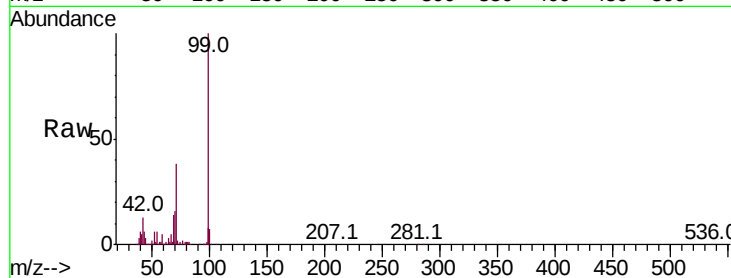
Tot Ion: 99 Resp: 739561

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

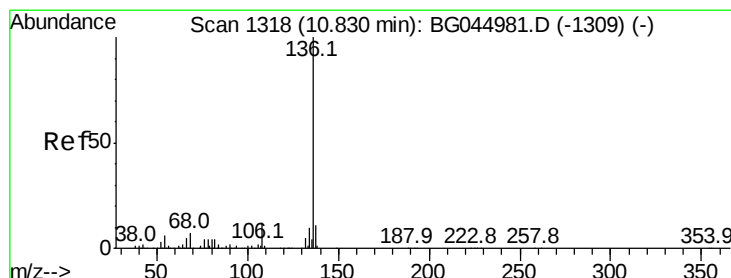
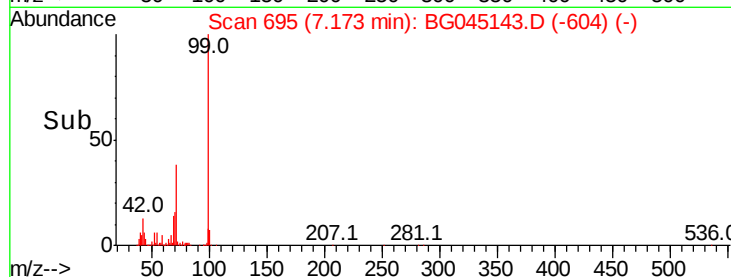
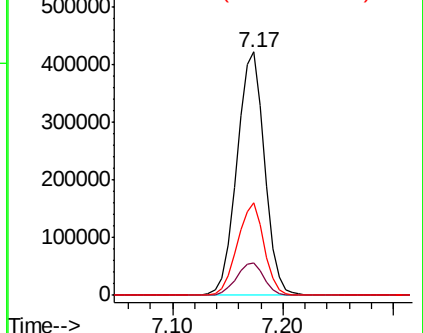
71 37.8 28.3 42.5



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: 10.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

Tgt Ion: 136 Resp: 314134

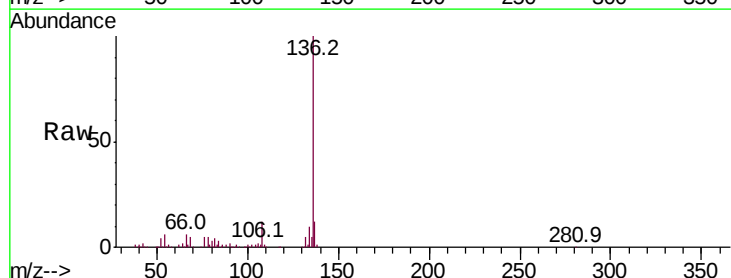
Ion Ratio Lower Upper

136 100

137 12.0 8.6 13.0

54 6.3 4.8 7.2

68 5.2 5.2 7.8#

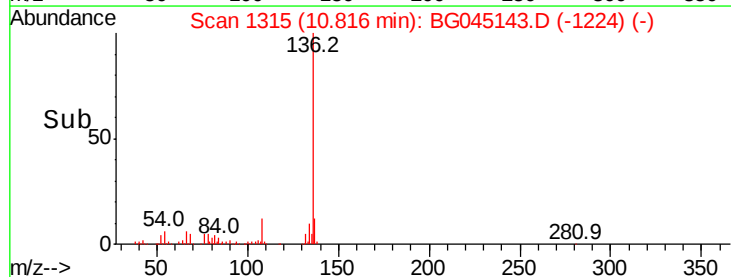
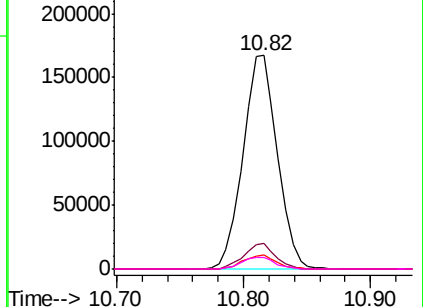


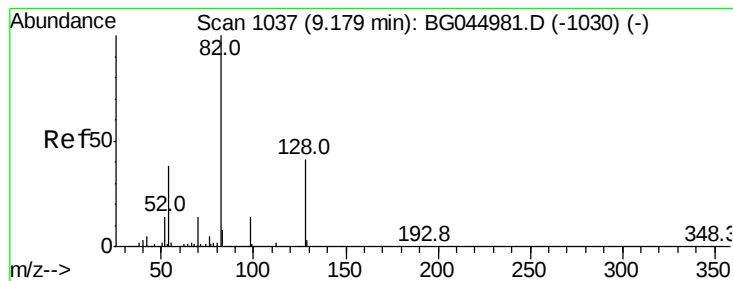
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 74.684 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

Instrument :

BNA_G

ClientSampleId :

TP-1B-S

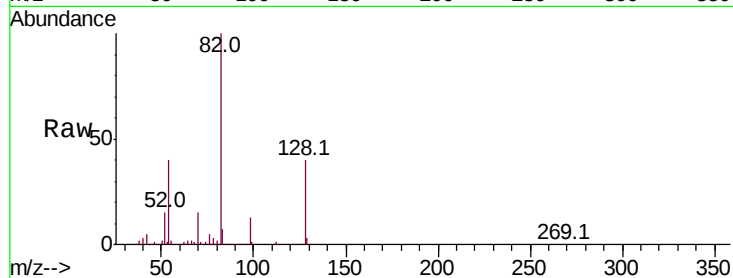
Tot Ion: 82 Resp: 514168

Ion Ratio Lower Upper

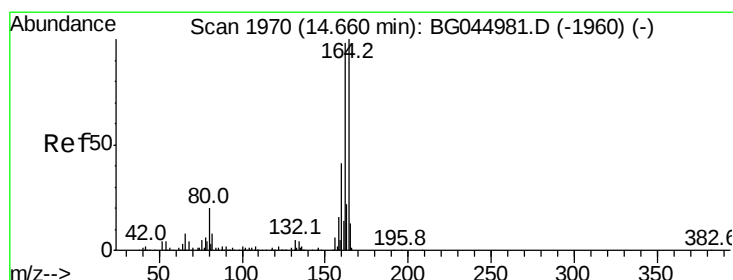
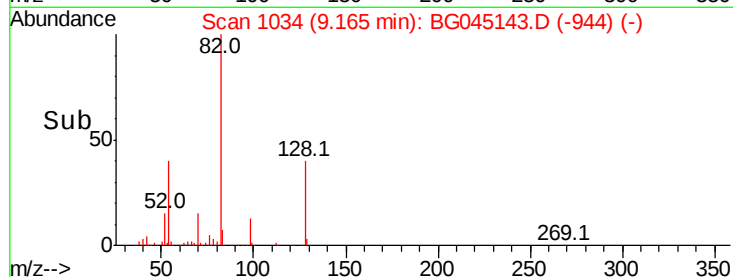
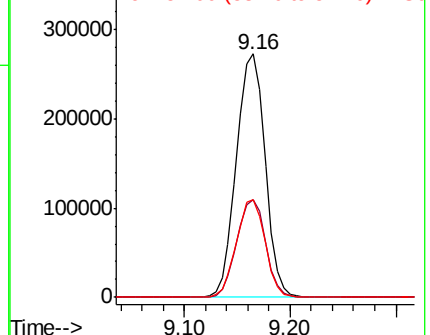
82 100

128 39.9 33.0 49.4

54 40.3 30.4 45.6



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: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

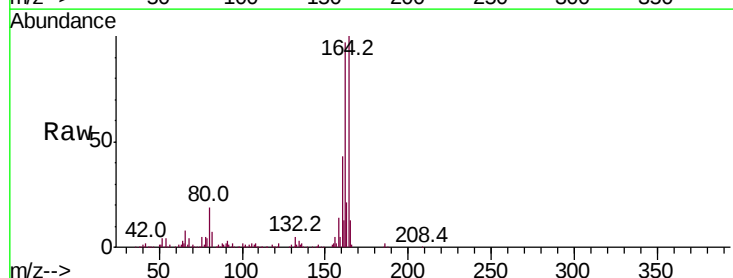
Tgt Ion: 164 Resp: 223966

Ion Ratio Lower Upper

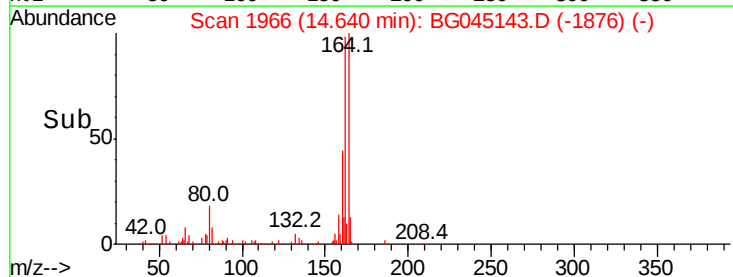
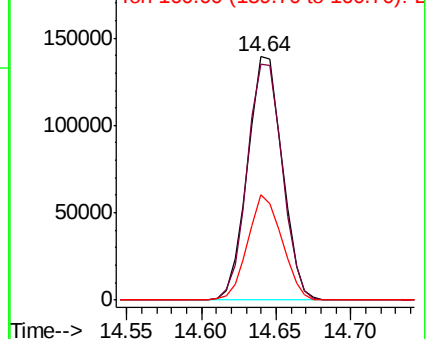
164 100

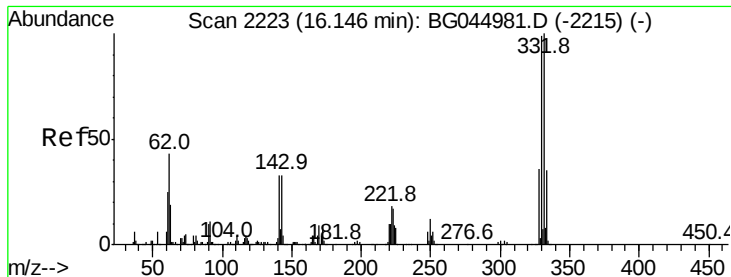
162 96.6 78.7 118.1

160 43.2 32.8 49.2



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

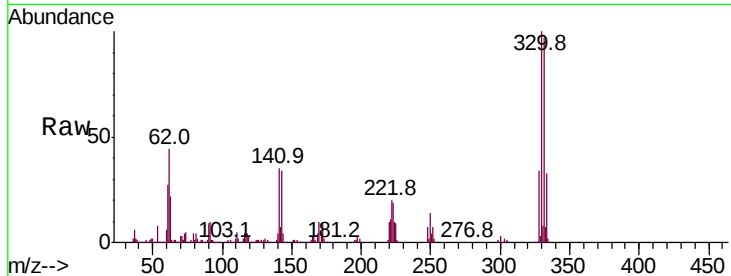




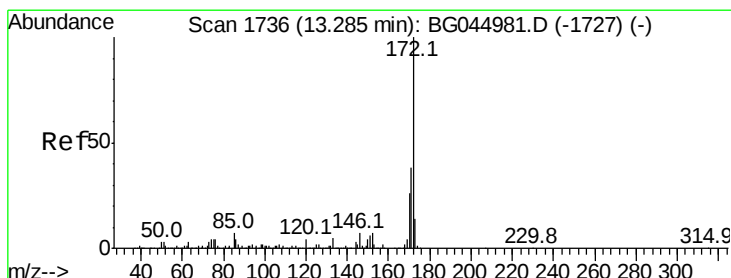
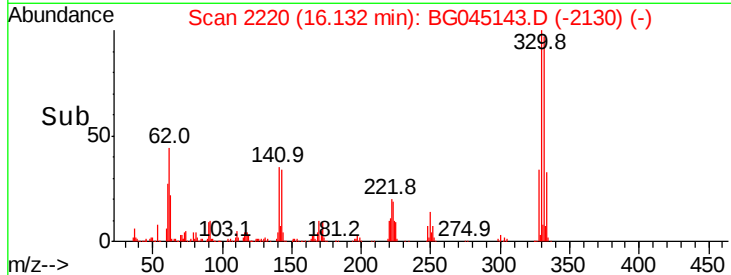
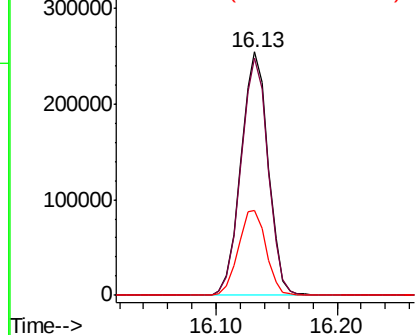
#42
 2,4,6-Tribromophenol
 Concen: 115.806 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG045143.D
 Acq: 23 Apr 2020 15:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-1B-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	35.5	27.1	40.7

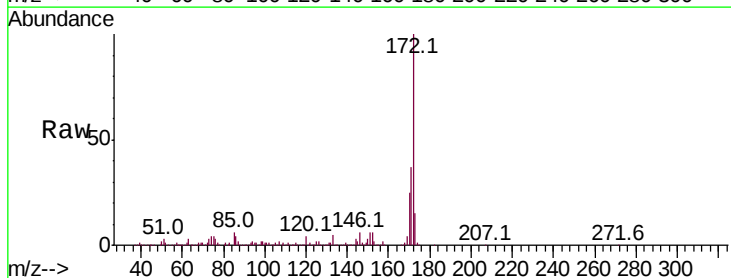


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

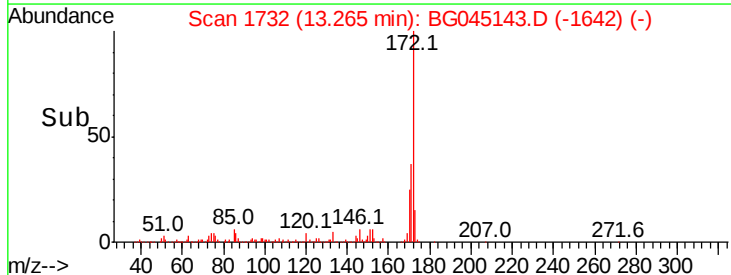
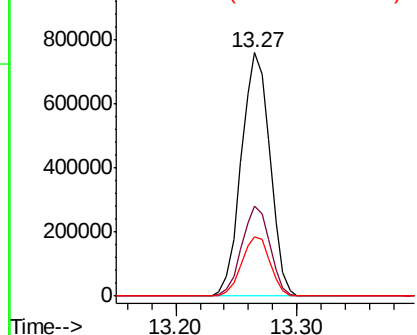


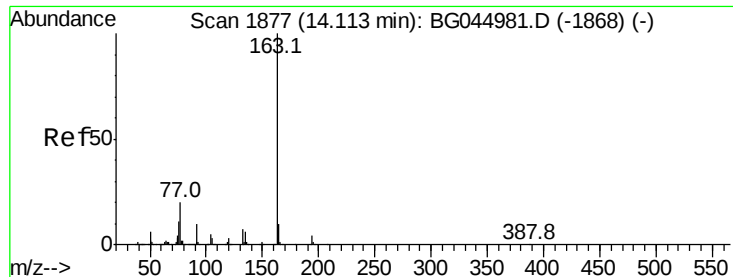
#45
 2-Fluorobiphenyl
 Concen: 82.318 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG045143.D
 Acq: 23 Apr 2020 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.6	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





#50

Dimethylphthalate

Concen: 15.017 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

Instrument :

BNA_G

ClientSampleId :

TP-1B-S

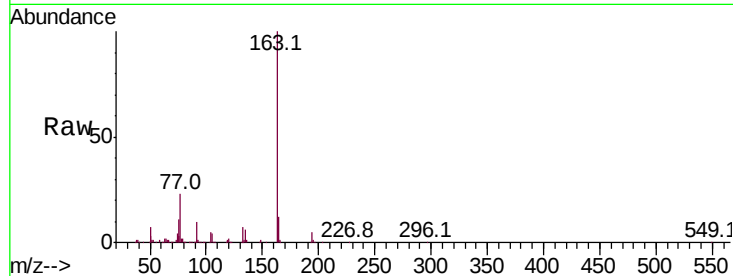
Tot Ion:163 Resp: 273852

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

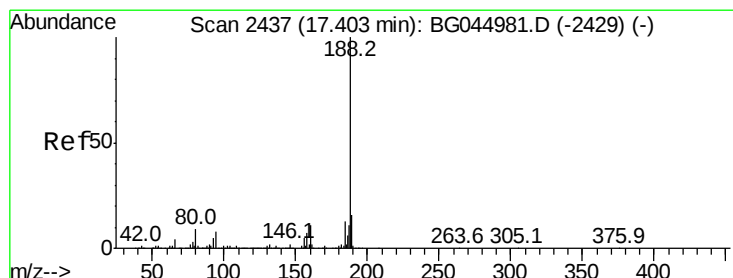
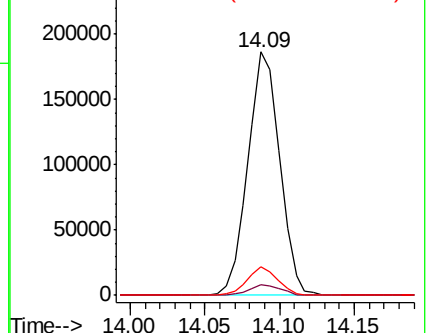
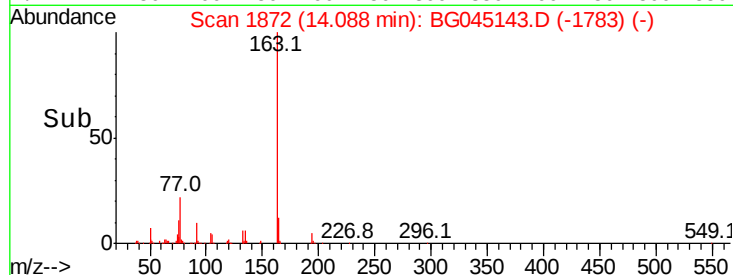
164 11.6 8.2 12.4



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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

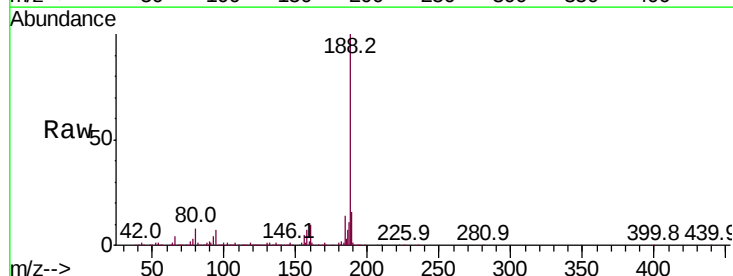
Tgt Ion:188 Resp: 498007

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

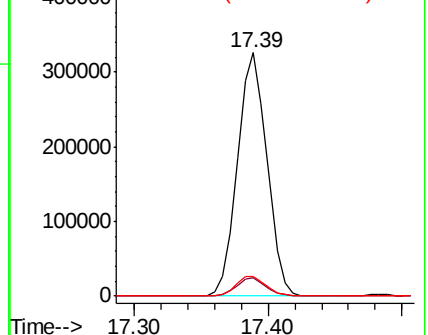
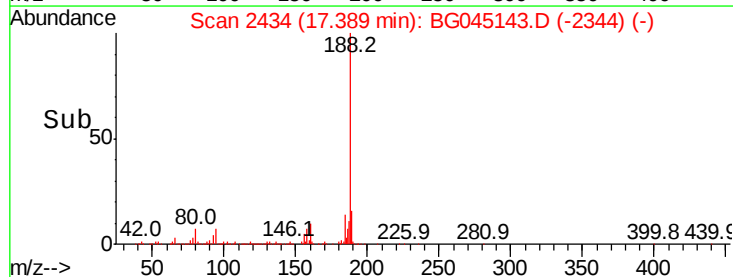
80 7.8 7.0 10.6

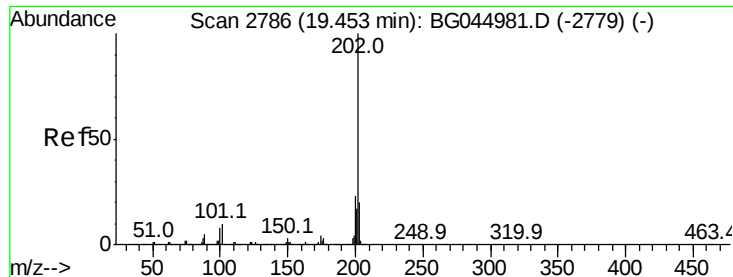


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.807 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

Instrument :

BNA_G

ClientSampleId :

TP-1B-S

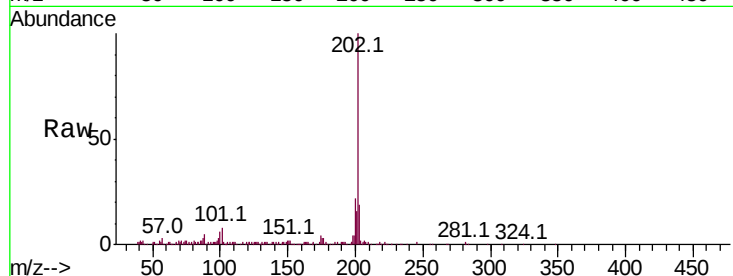
Tot Ion:202 Resp: 91183

Ion Ratio Lower Upper

202 100

101 8.2 0.0 29.6

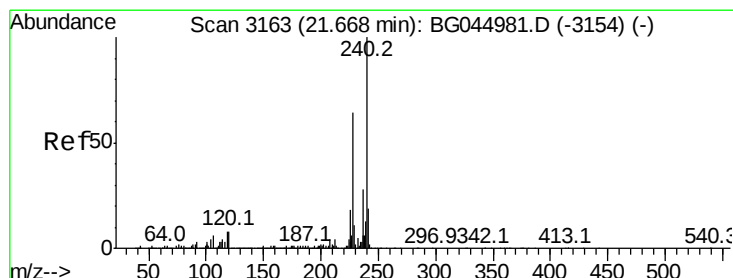
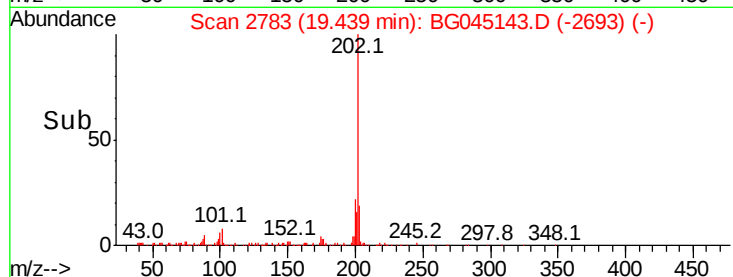
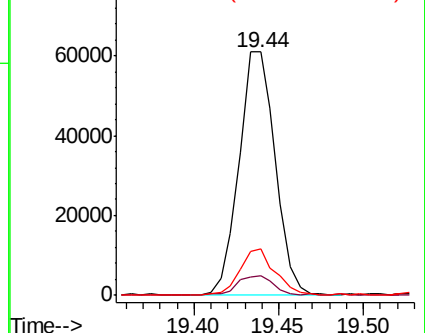
203 19.2 0.0 39.7



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: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

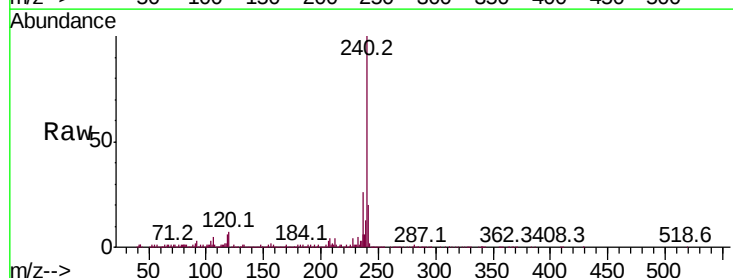
Tgt Ion:240 Resp: 436678

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

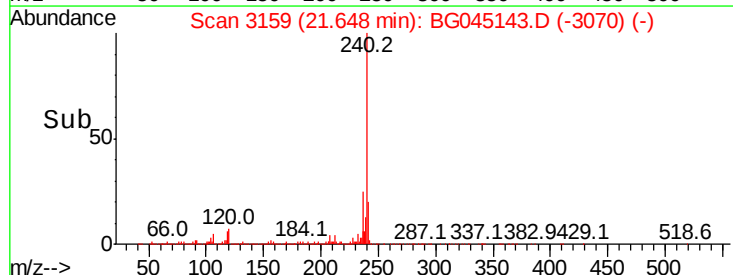
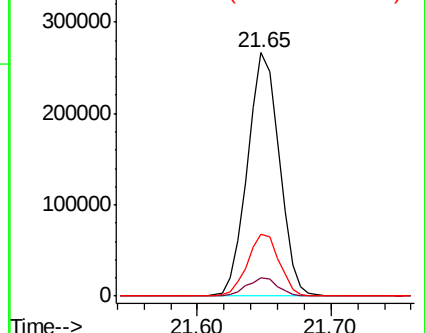
236 25.6 22.2 33.2

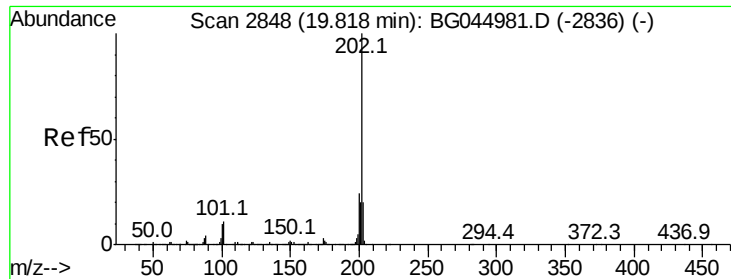


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

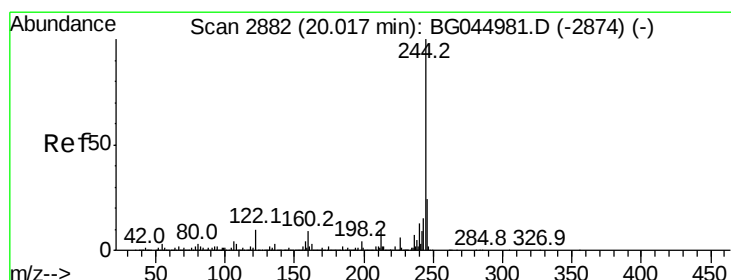
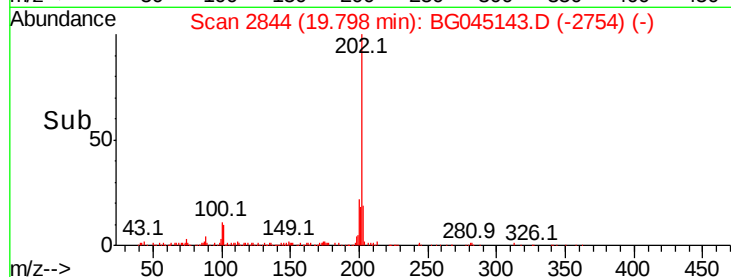
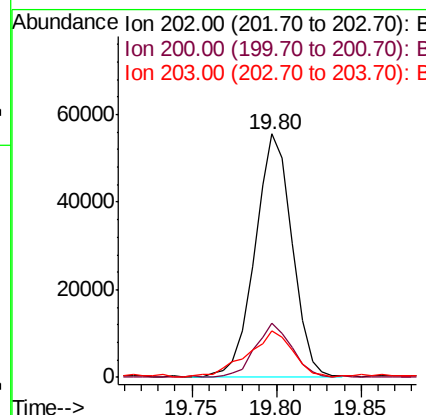
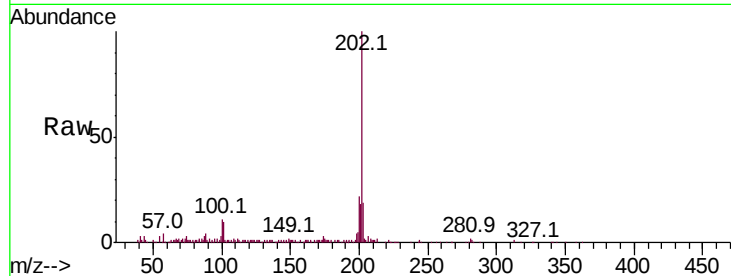




#78
Pvrene
Concen: 2.799 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG045143.D
Acq: 23 Apr 2020 15:51

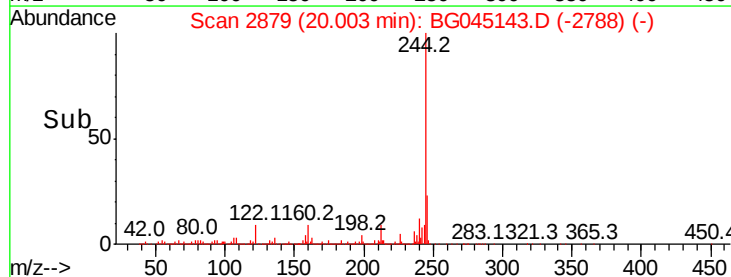
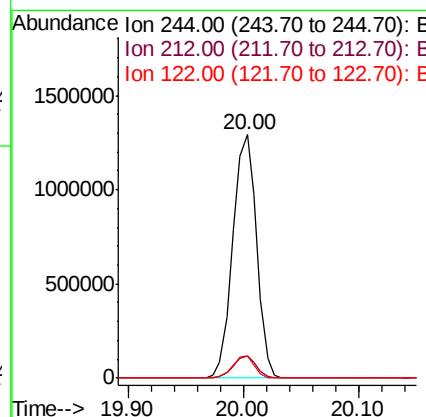
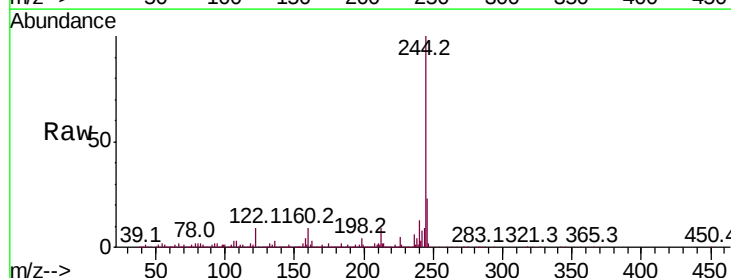
Instrument :
BNA_G
ClientSampleId :
TP-1B-S

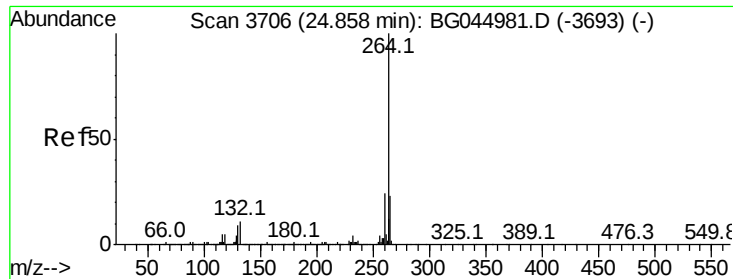
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	19.0	28.6
203	18.9	16.1	24.1



#79
Terphenyl-d14
Concen: 91.583 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.00 min
Lab File: BG045143.D
Acq: 23 Apr 2020 15:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.9	11.9
122	8.9	7.7	11.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

Instrument :

BNA_G

ClientSampleId :

TP-1B-S

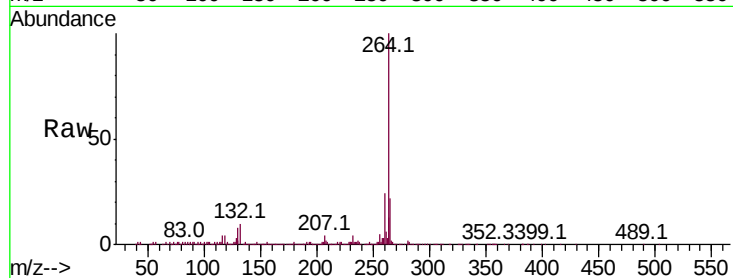
Tot Ion:264 Resp: 475658

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

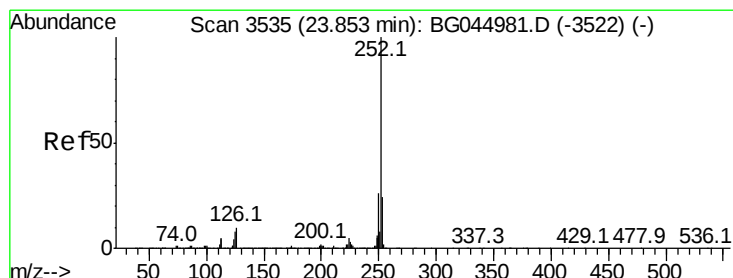
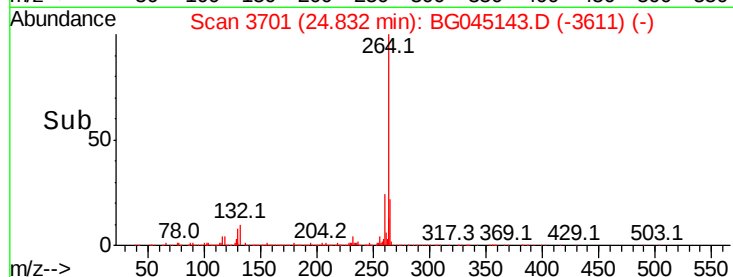
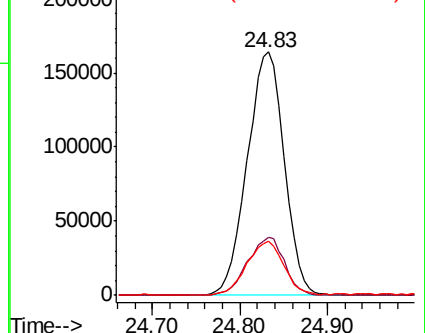
265 22.1 19.0 28.4



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



#88

Benzo(b)fluoranthene

Concen: 2.352 ng

RT: 23.83 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG045143.D

Acq: 23 Apr 2020 15:51

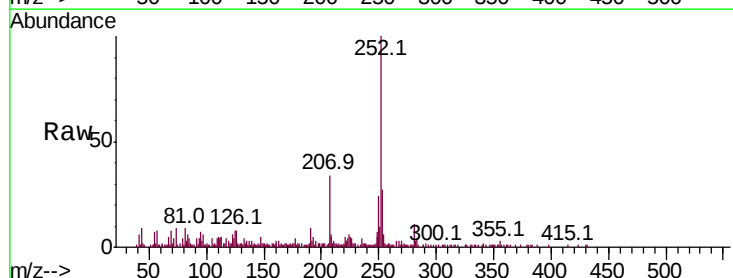
Tgt Ion:252 Resp: 70064

Ion Ratio Lower Upper

252 100

253 26.6 18.8 28.2

125 7.9 6.2 9.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

