

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045142.D
 Acq On : 23 Apr 2020 15:12
 Operator : CG/JU
 Sample : L2258-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 6

Quant Time: Apr 23 15:52:46 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

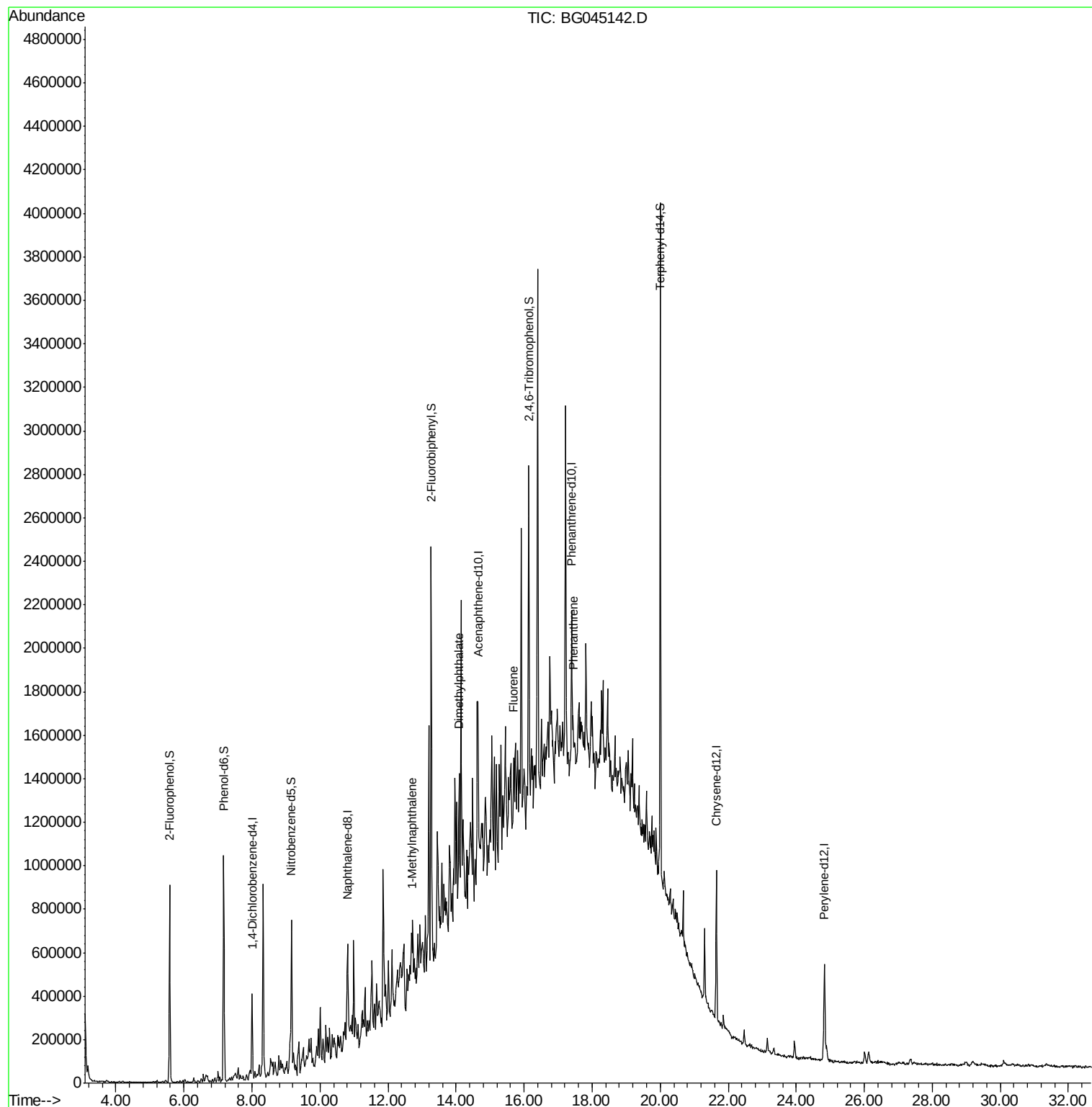
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	78141	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	297132	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	203590	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	414696	20.00	ng	0.00
76) Chrysene-d12	21.65	240	415019	20.00	ng	0.00
87) Perylene-d12	24.83	264	496205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	452081	95.51	ng	0.00
7) Phenol-d6	7.17	99	650799	92.55	ng	0.00
23) Nitrobenzene-d5	9.16	82	450177	69.13	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	307247	97.69	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1004165	72.32	ng	0.00
79) Terphenyl-d14	20.01	244	1452892	76.30	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.69	142	84837	7.123	ng	# 98
50) Dimethylphthalate	14.09	163	164822	9.943	ng	# 88
58) Fluorene	15.69	166	47895	3.086	ng	# 74
71) Phenanthrene	17.44	178	124928	5.862	ng	# 87

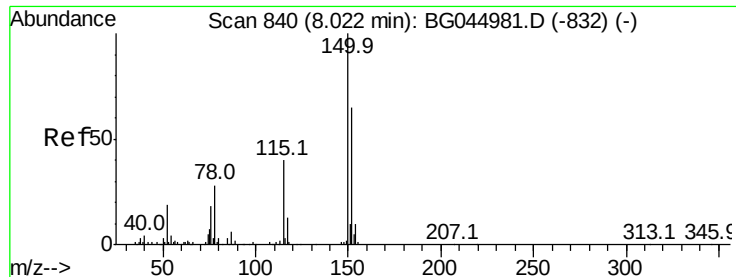
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
Data File : BG045142.D
Acq On : 23 Apr 2020 15:12
Operator : CG/JU
Sample : L2258-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
6

Quant Time: Apr 23 15:52:46 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



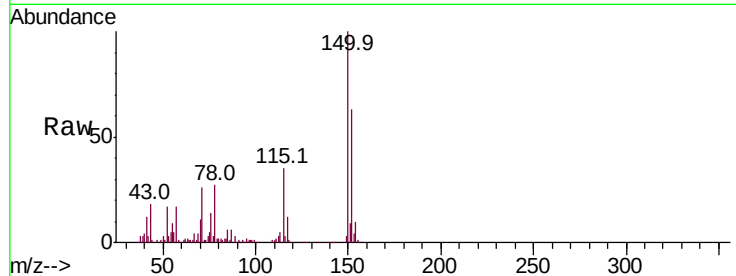


#1

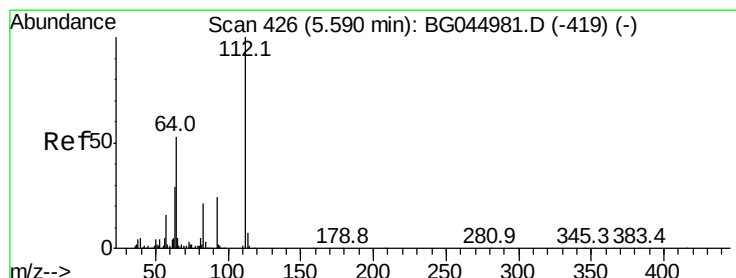
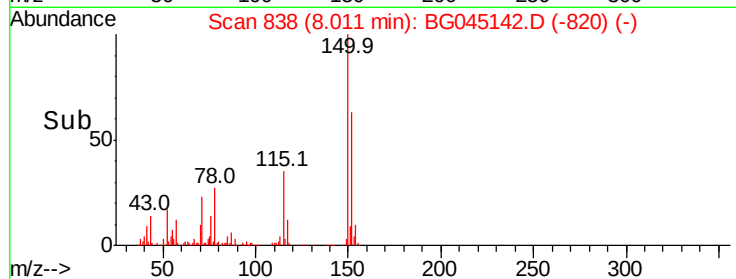
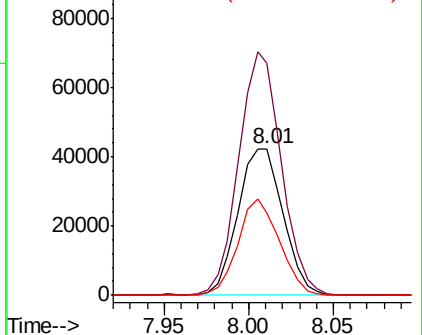
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Instrument :
BNA_G
ClientSampleId :
6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.6	185.4
115	55.8	49.1	73.7



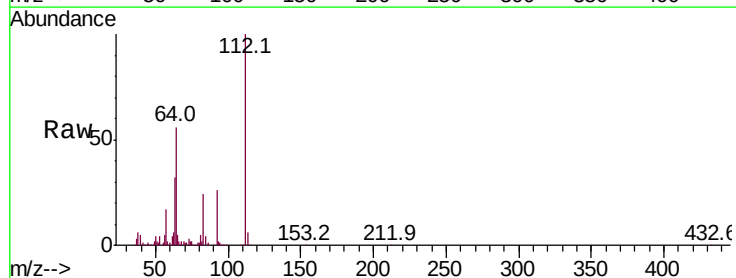
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



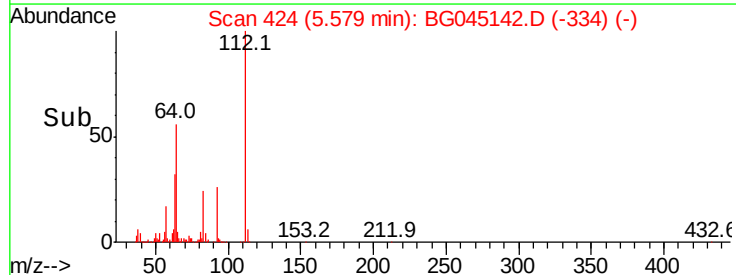
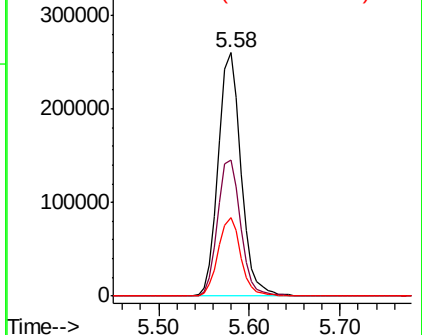
#5

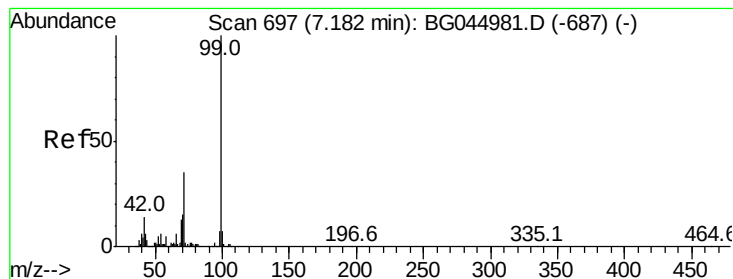
2-Fluorophenol
Concen: 95.515 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.4	63.6
63	32.2	23.1	34.7



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: 92.545 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

Instrument :

BNA_G

ClientSampleId :

6

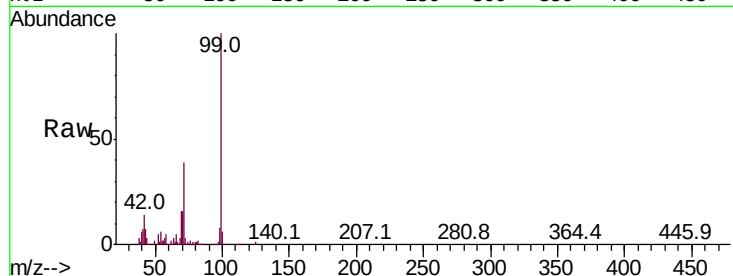
Tot Ion: 99 Resp: 650799

Ion Ratio Lower Upper

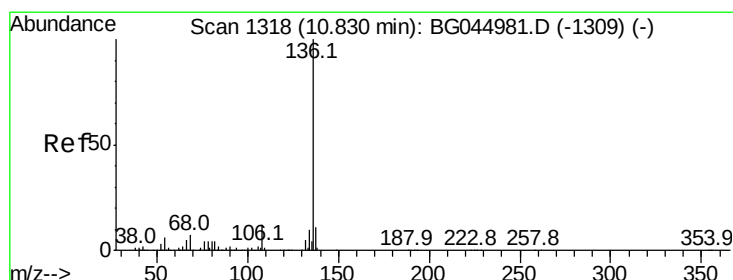
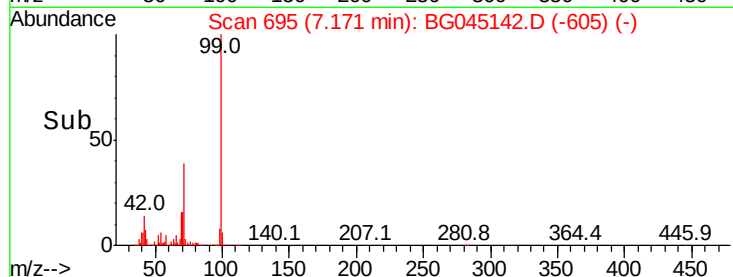
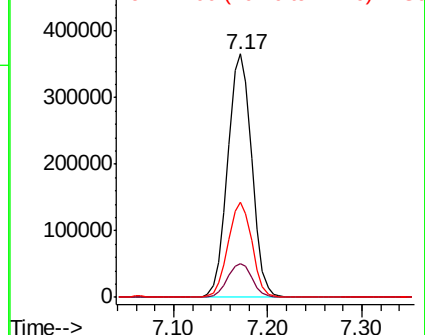
99 100

42 13.9 11.3 16.9

71 39.2 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: 10.81 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

Tgt Ion: 136 Resp: 297132

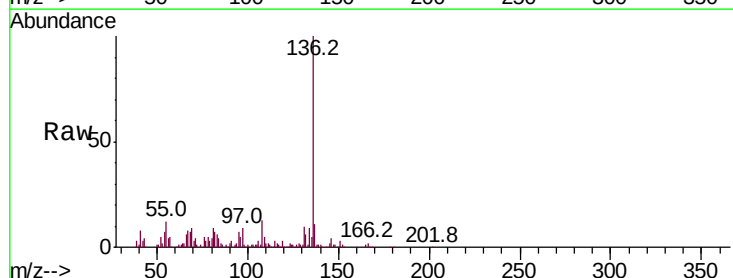
Ion Ratio Lower Upper

136 100

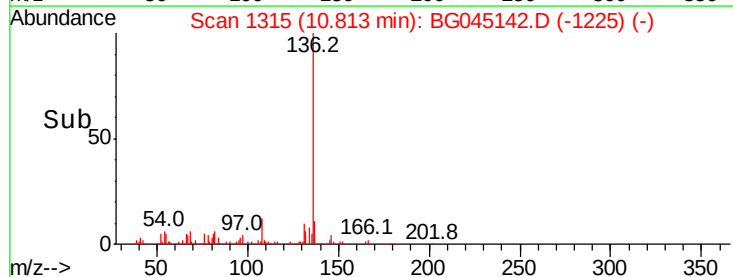
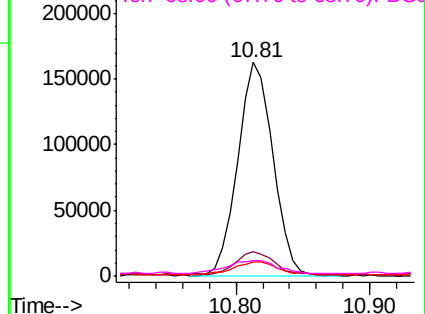
137 11.3 8.6 13.0

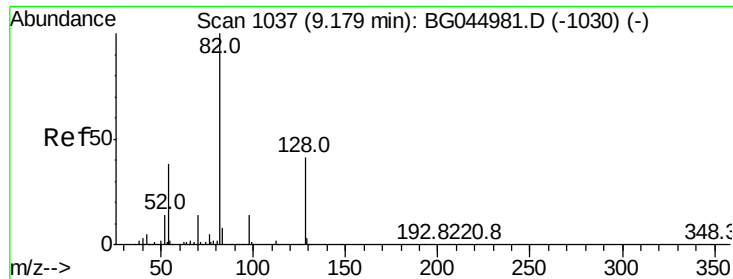
54 6.6 4.8 7.2

68 7.4 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

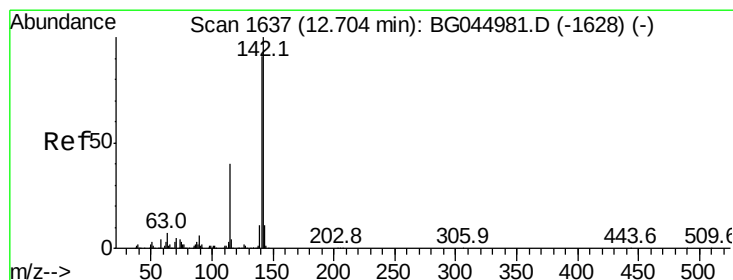
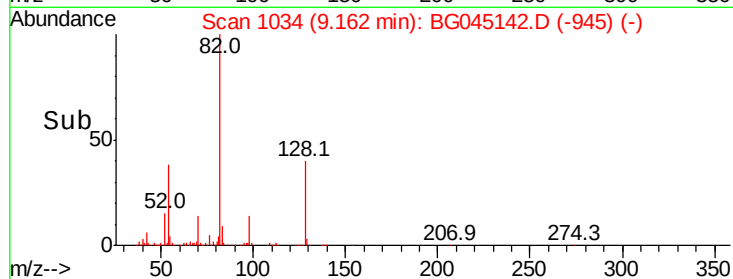
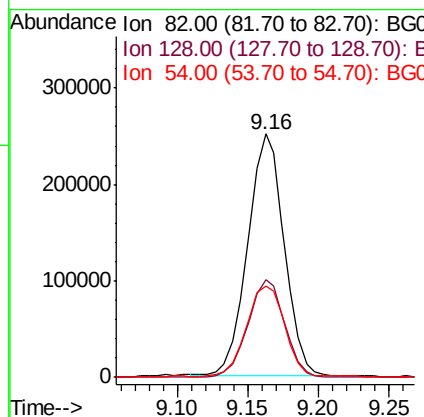
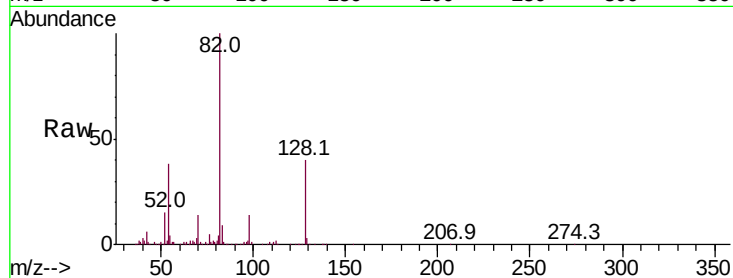




#23
Nitrobenzene-d5
Concen: 69.131 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

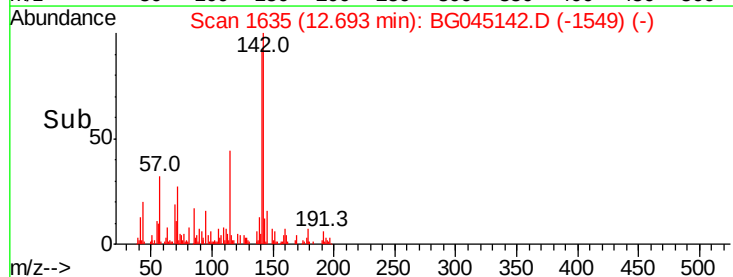
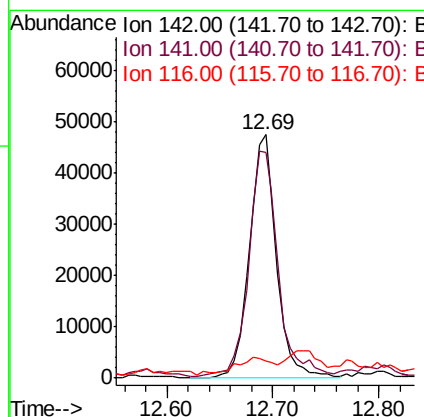
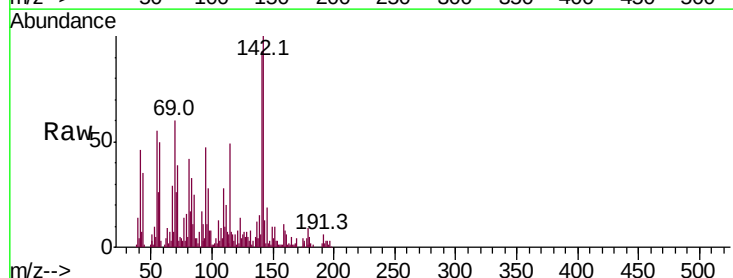
Instrument :
BNA_G
ClientSampleId :
6

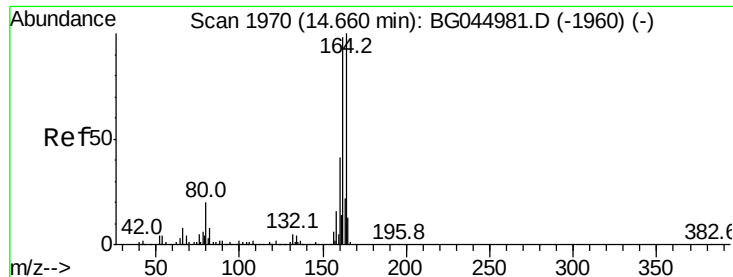
Tot Ion	82	Resp	450177
Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	37.6	30.4	45.6



#38
1-Methylnaphthalene
Concen: 7.123 ng
RT: 12.69 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion	142	Resp	84837
Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.7	109.1
116	6.8	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

Instrument :

BNA_G

ClientSampleId :

6

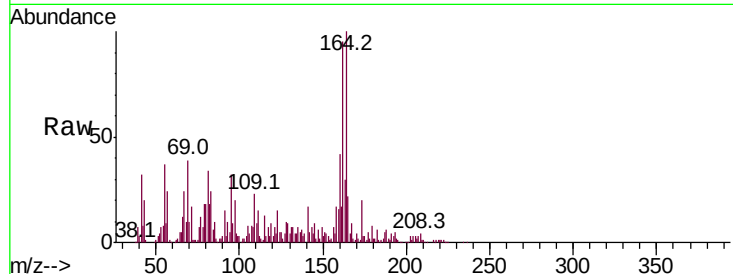
Tot Ion:164 Resp: 203590

Ion Ratio Lower Upper

164 100

162 95.0 78.7 118.1

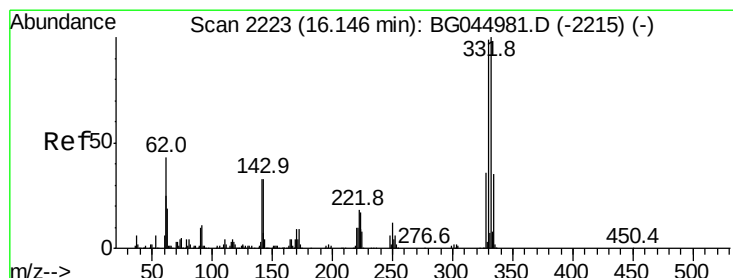
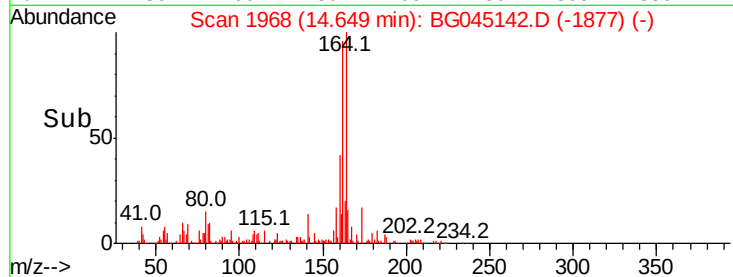
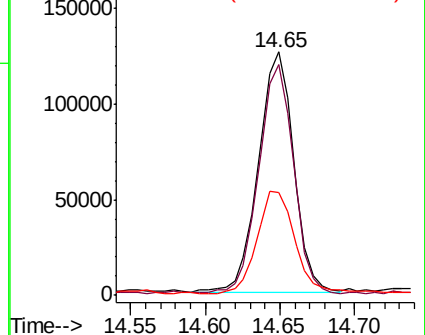
160 42.5 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 97.688 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

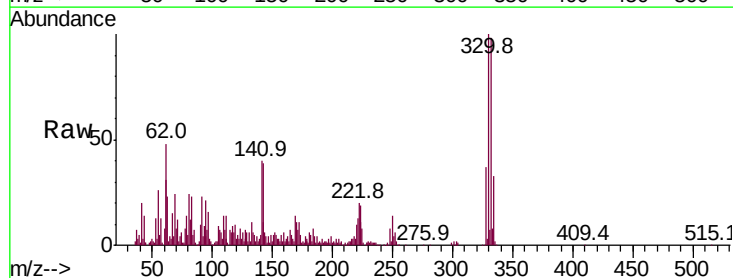
Tgt Ion:330 Resp: 307247

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

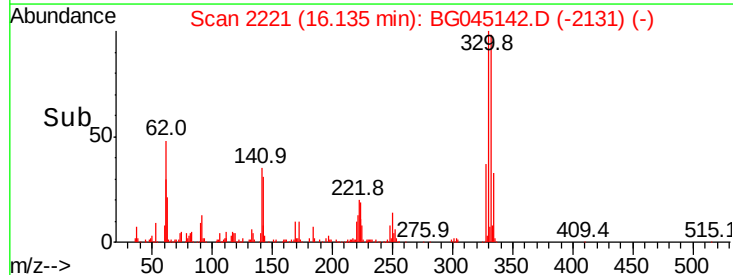
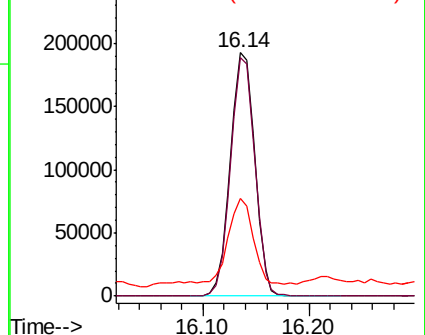
141 35.9 27.1 40.7

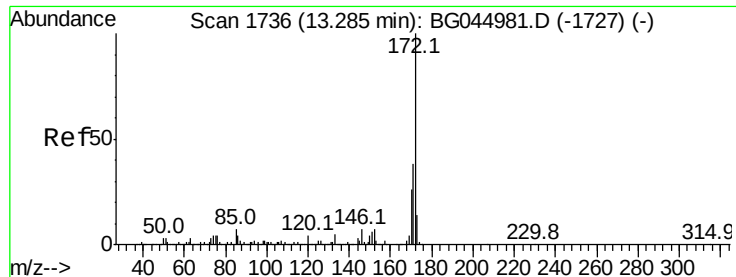


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

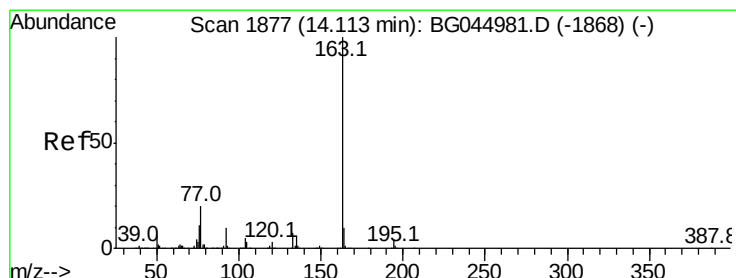
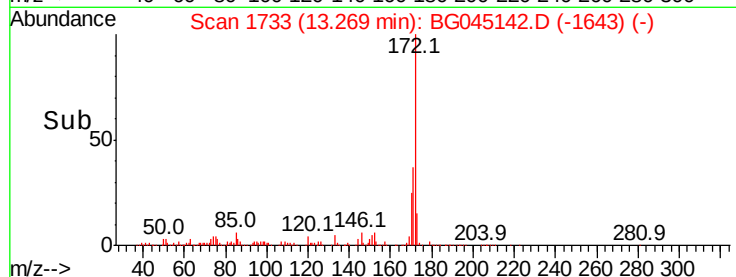
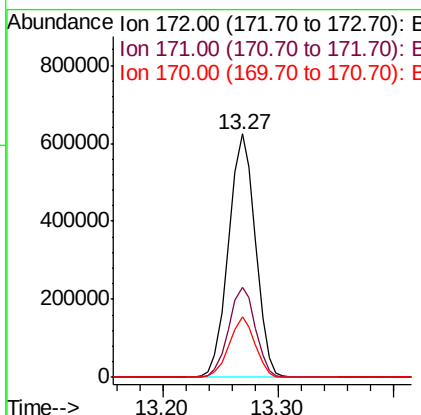
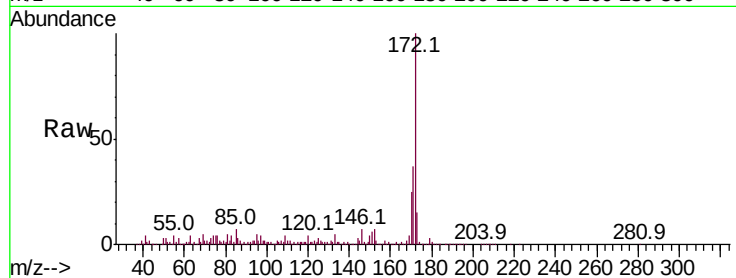




#45
2-Fluorobiphenyl
Concen: 72.323 ng
RT: 13.27 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

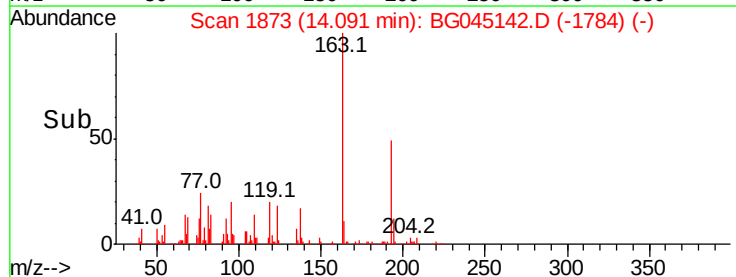
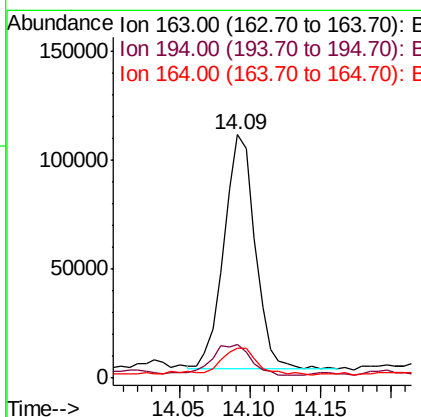
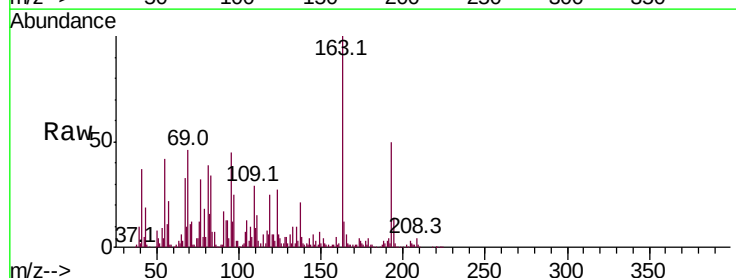
Instrument :
BNA_G
ClientSampleId :
6

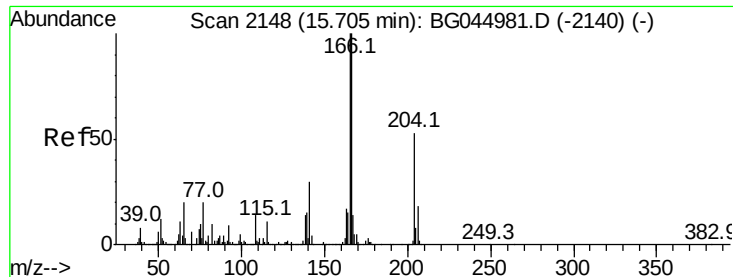
Tot Ion:172 Resp: 1004165
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 24.7 20.5 30.7



#50
Dimethylphthalate
Concen: 9.943 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG045142.D
Acq: 23 Apr 2020 15:12

Tgt Ion:163 Resp: 164822
Ion Ratio Lower Upper
163 100
194 13.8 3.5 5.3#
164 12.3 8.2 12.4

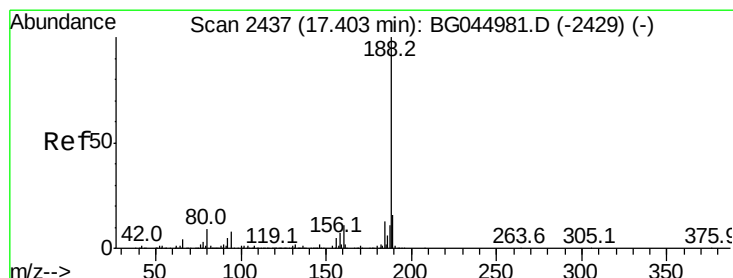
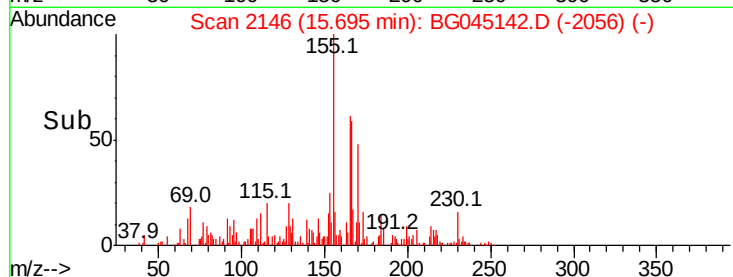
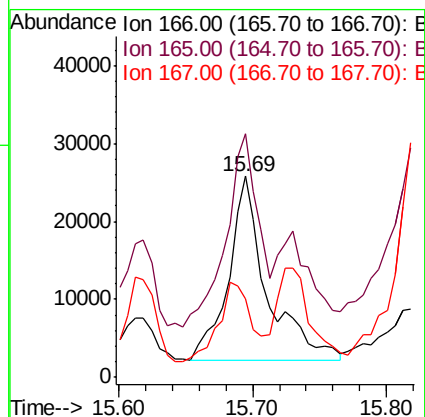
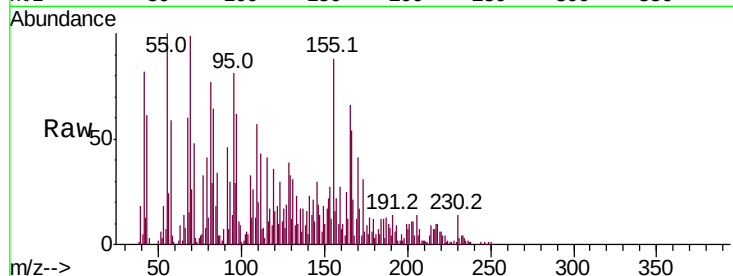




#58
 Fluorene
 Concen: 3.086 ng
 RT: 15.69 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG045142.D
 Acq: 23 Apr 2020 15:12

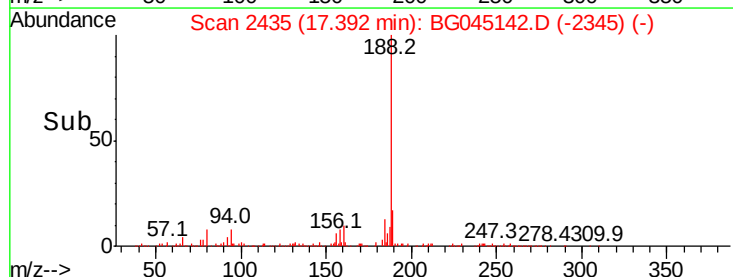
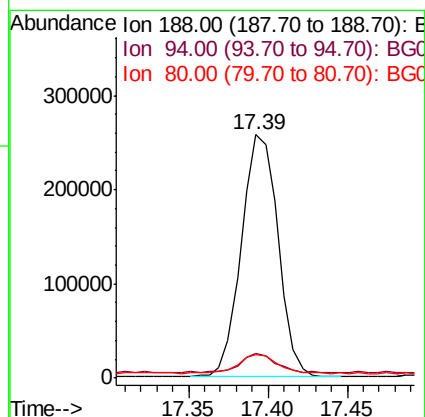
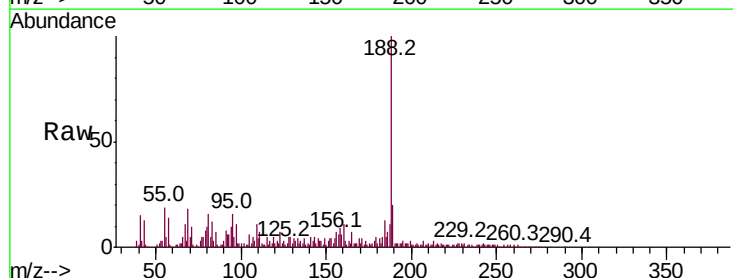
Instrument :
 BNA_G
 ClientSampleId :
 6

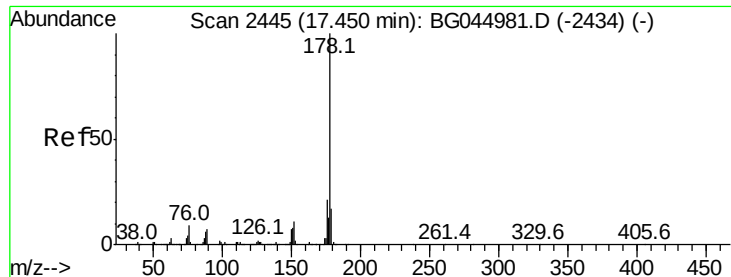
Tot Ion:166 Resp: 47895
 Ion Ratio Lower Upper
 166 100
 165 121.2 79.9 119.9#
 167 38.9 11.4 17.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG045142.D
 Acq: 23 Apr 2020 15:12

Tgt Ion:188 Resp: 414696
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.2 9.4#
 80 9.7 7.0 10.6





#71

Phenanthrene

Concen: 5.862 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

Instrument :

BNA_G

ClientSampleId :

6

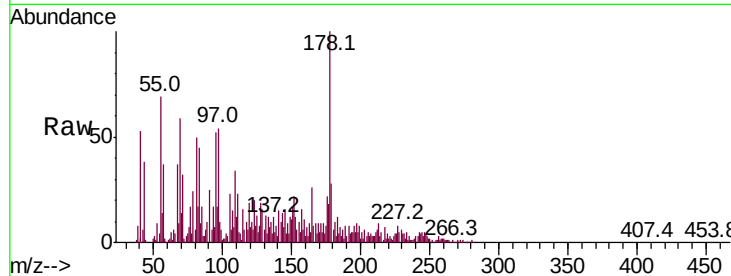
Tot Ion:178 Resp: 124928

Ion Ratio Lower Upper

178 100

176 22.0 16.8 25.2

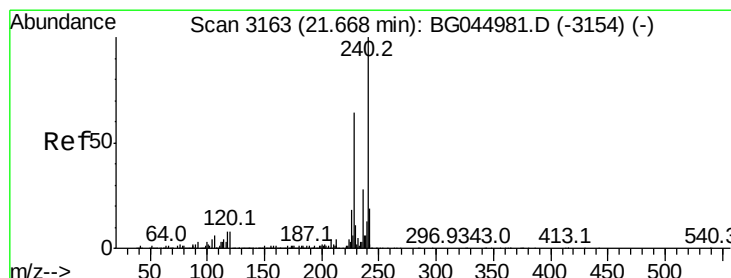
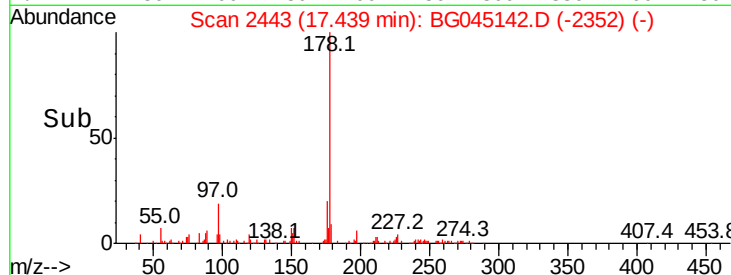
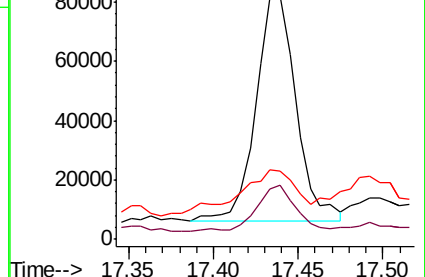
179 27.8 13.2 19.8#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

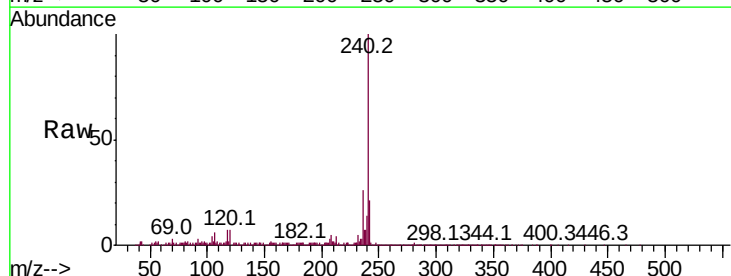
Tgt Ion:240 Resp: 415019

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

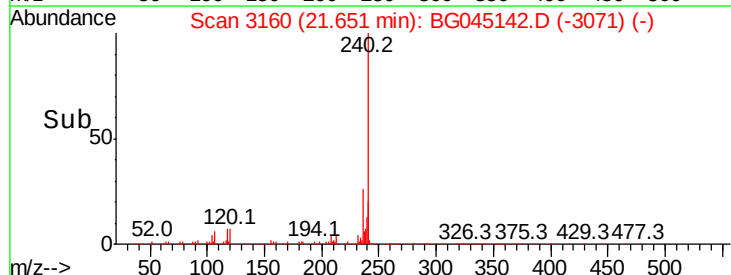
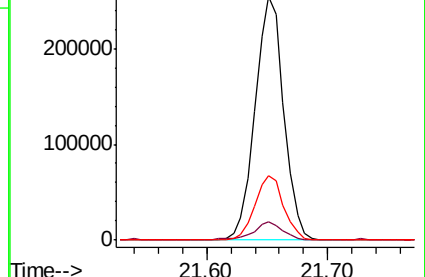
236 26.3 22.2 33.2

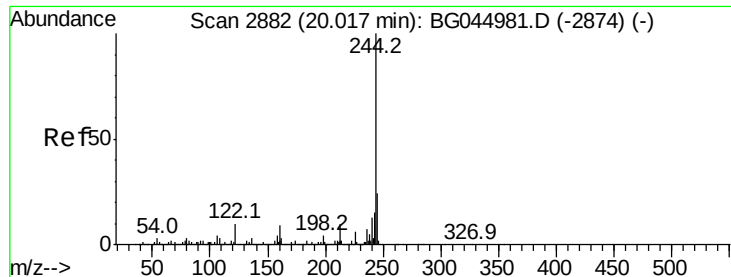


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.302 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.01 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

Instrument :

BNA_G

ClientSampled :

6

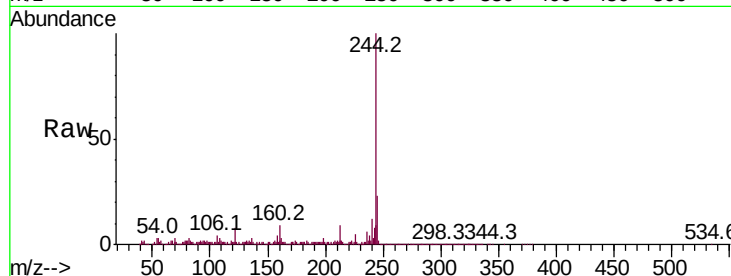
Tot Ion:244 Resp: 1452892

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

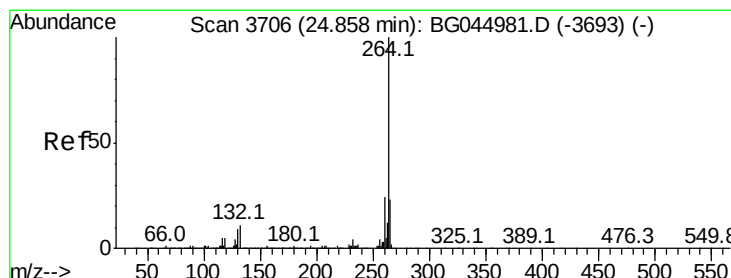
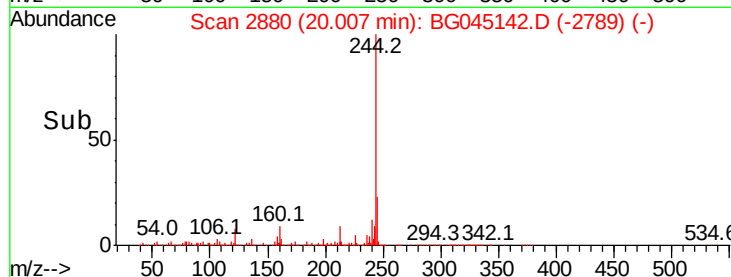
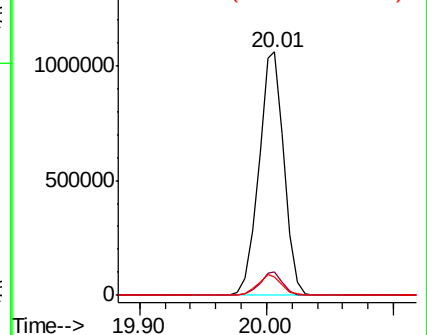
122 7.7 7.7 11.5



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: 24.83 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG045142.D

Acq: 23 Apr 2020 15:12

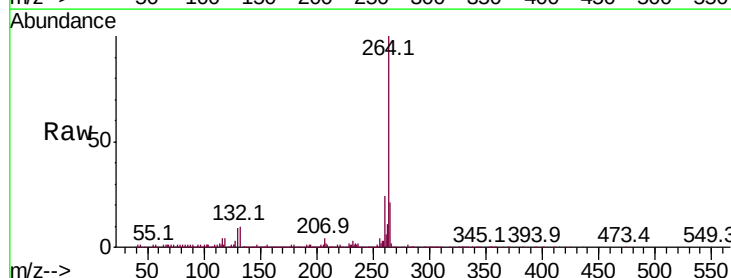
Tgt Ion:264 Resp: 496205

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

