

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045160.D
 Acq On : 24 Apr 2020 14:22
 Operator : CG/JU
 Sample : PB128472BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BL

Quant Time: Apr 24 15:00:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56664	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	217216	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	155364	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	364333	20.00	ng	0.00
76) Chrysene-d12	21.64	240	425872	20.00	ng	0.00
87) Perylene-d12	24.82	264	458164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	494557	144.09	ng	0.00
7) Phenol-d6	7.16	99	659399	129.31	ng	0.00
23) Nitrobenzene-d5	9.16	82	463950	97.46	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	345089	143.78	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1057835	99.84	ng	0.00
79) Terphenyl-d14	20.00	244	2108654	107.92	ng	0.00

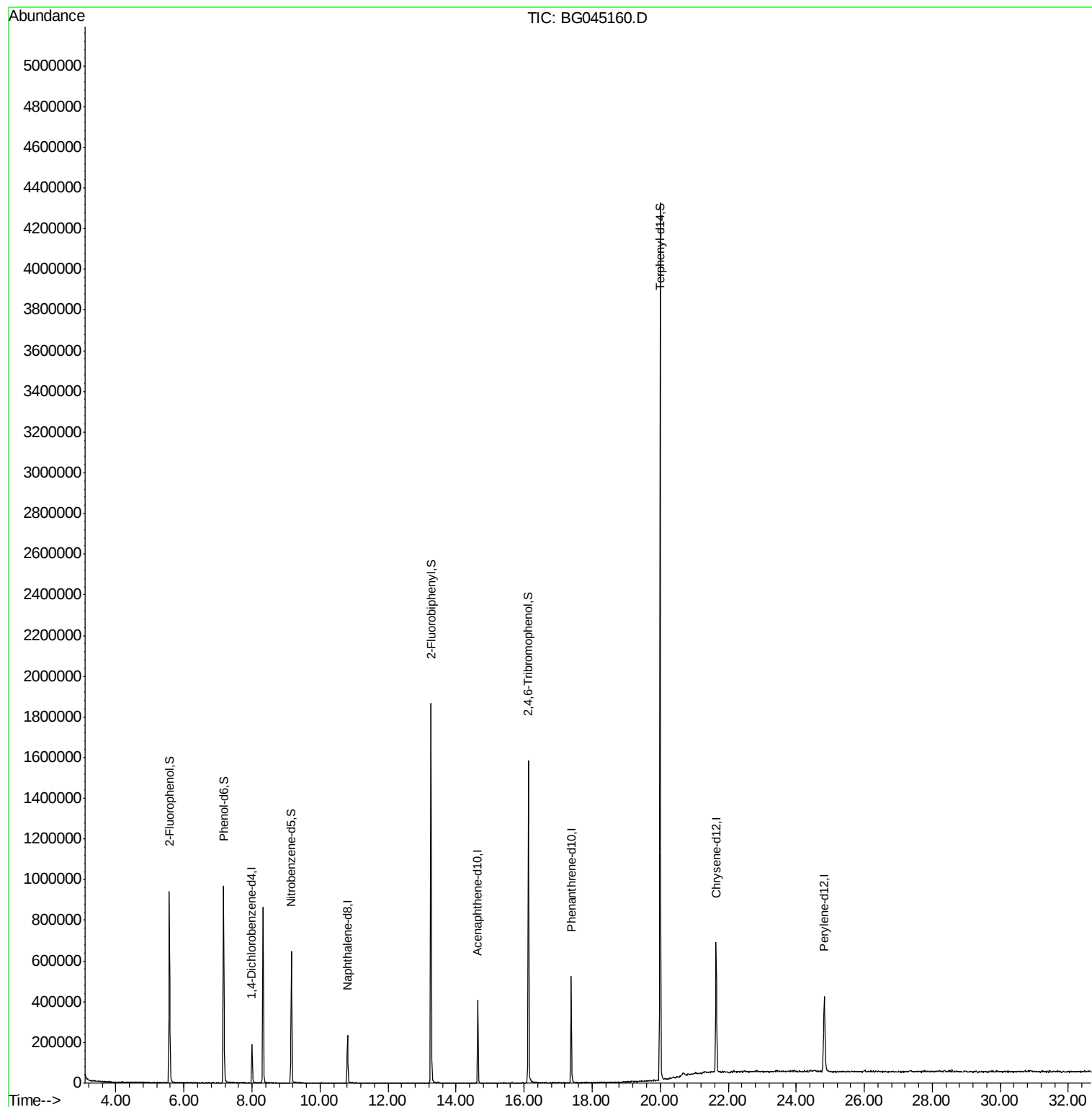
Target Compounds Qvalue

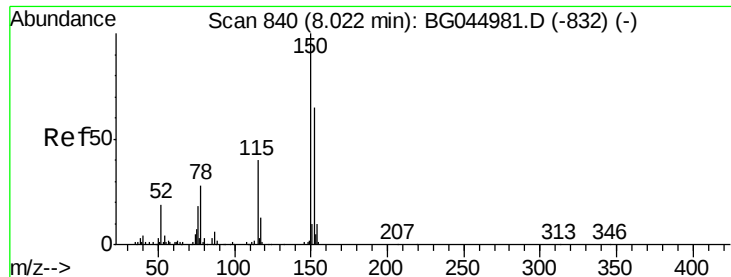
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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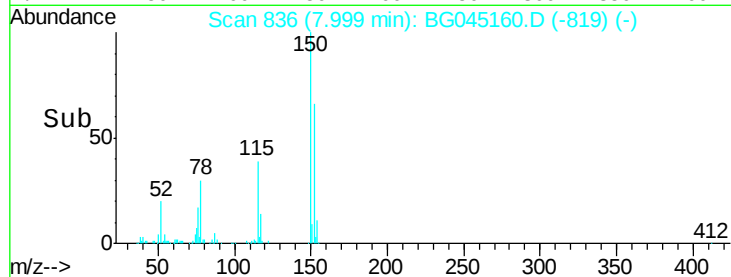
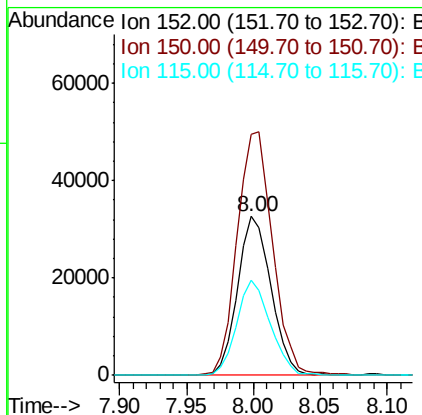
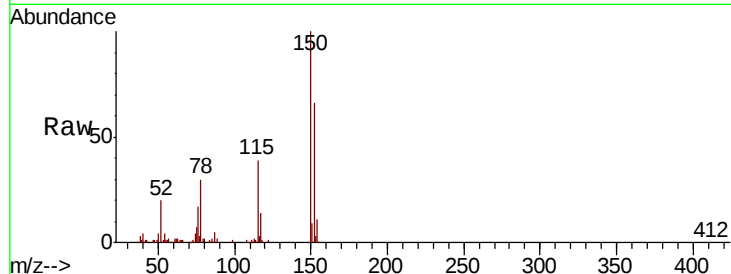


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BG045160.D
 Acq: 24 Apr 2020 14:22

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BL

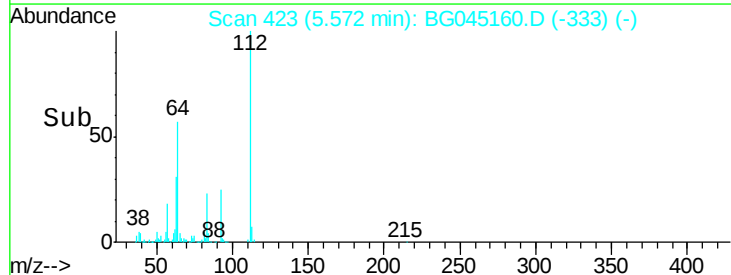
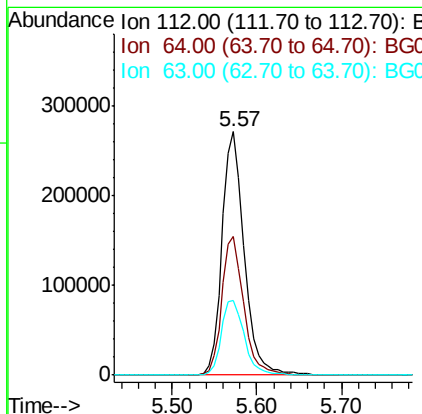
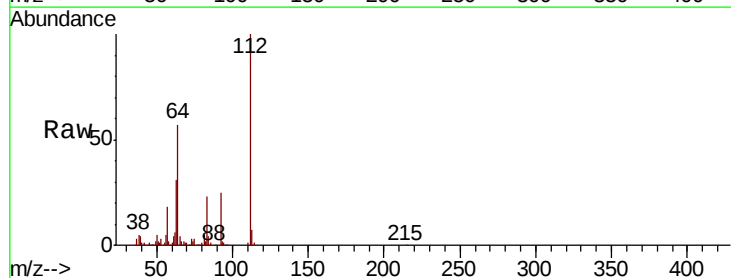
Tot Ion:152 Resp: 56664
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.6 185.4
 115 59.8 49.1 73.7



#5

2-Fluorophenol
 Concen: 144.093 ng
 RT: 5.57 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BG045160.D
 Acq: 24 Apr 2020 14:22

Tgt Ion:112 Resp: 494557
 Ion Ratio Lower Upper
 112 100
 64 56.9 42.4 63.6
 63 30.9 23.1 34.7





#7

Phenol-d6

Concen: 129.309 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045160.D

Acq: 24 Apr 2020 14:22

Instrument :

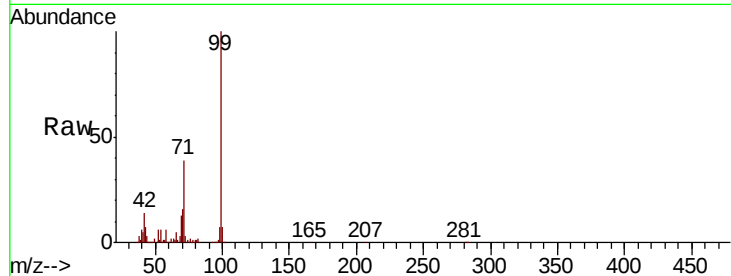
BNA_G

ClientSampleId :

PB128472BL

Tot Ion: 99 Resp: 659399

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.3	16.9
71	39.5	28.3	42.5

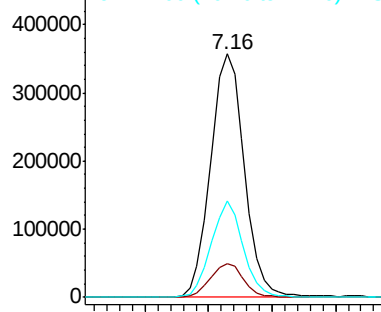


Abundance

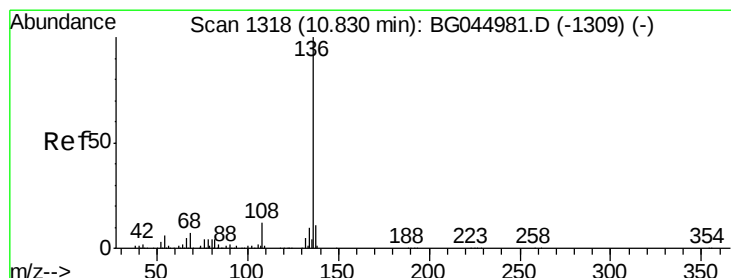
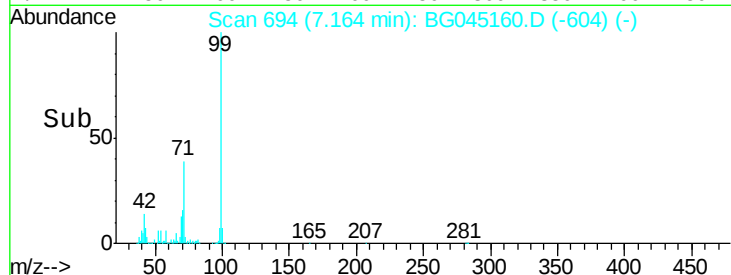
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

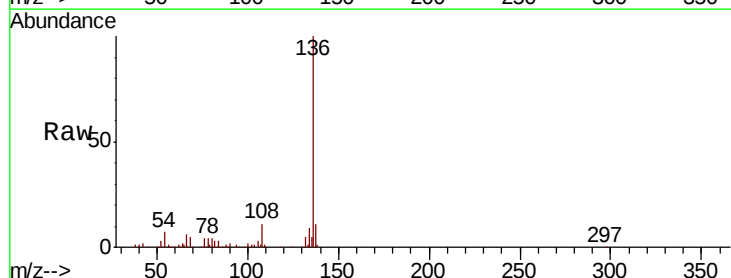
Delta R.T. -0.00 min

Lab File: BG045160.D

Acq: 24 Apr 2020 14:22

Tgt Ion: 136 Resp: 217216

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	4.8	7.2
68	5.4	5.2	7.8



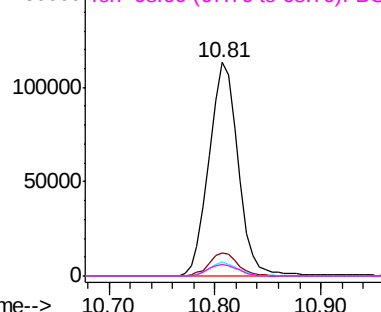
Abundance

Ion 136.00 (135.70 to 136.70): BGC

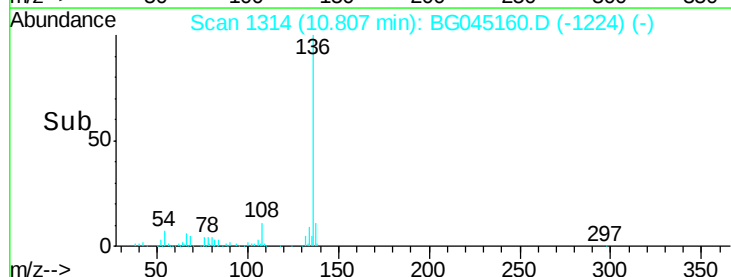
Ion 137.00 (136.70 to 137.70): BGC

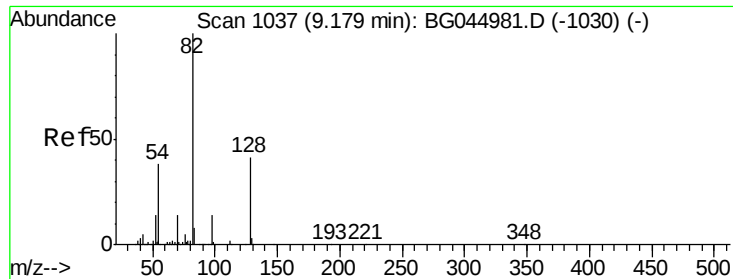
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

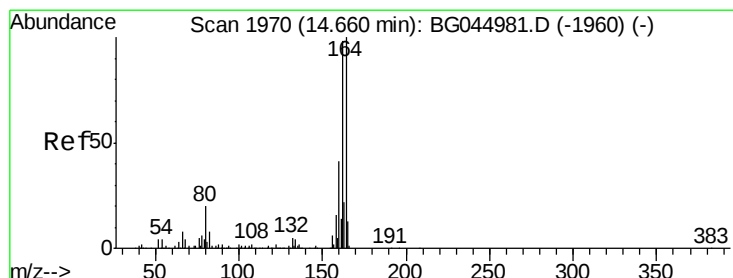
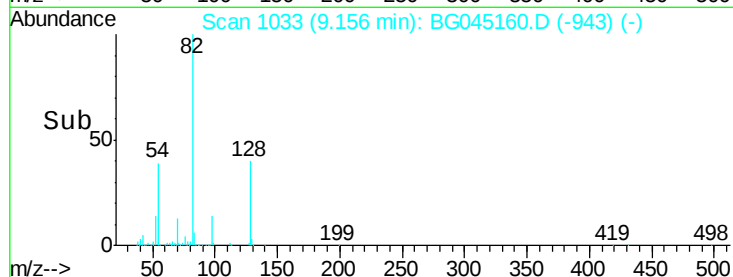
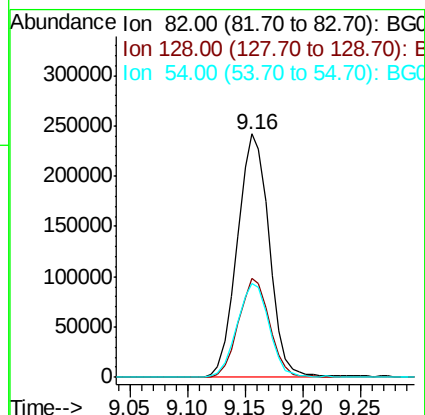
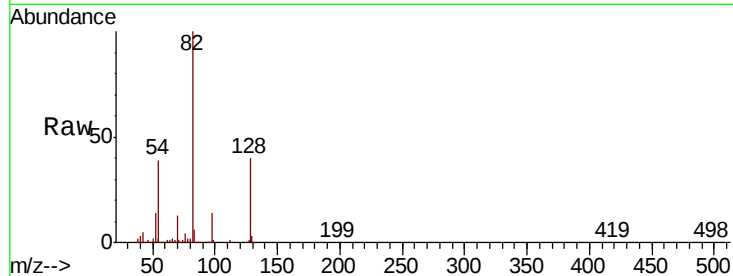




#23
 Nitrobenzene-d5
 Concen: 97.458 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG045160.D
 Acq: 24 Apr 2020 14:22

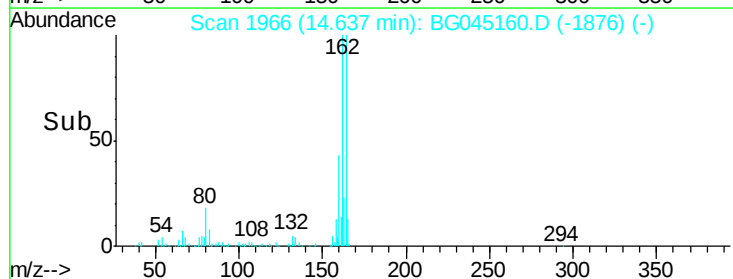
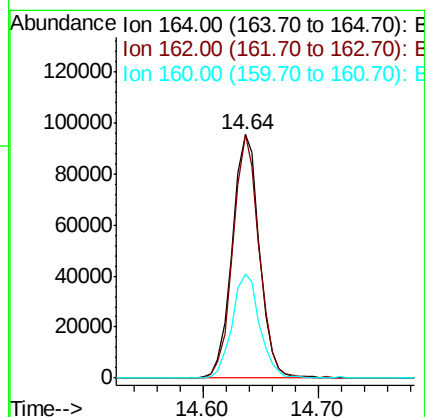
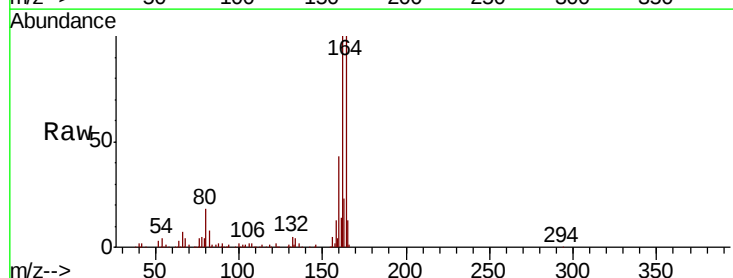
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BL

Tot Ion: 82 Resp: 463950
 Ion Ratio Lower Upper
 82 100
 128 40.5 33.0 49.4
 54 38.6 30.4 45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG045160.D
 Acq: 24 Apr 2020 14:22

Tgt Ion: 164 Resp: 155364
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.7 118.1
 160 43.0 32.8 49.2

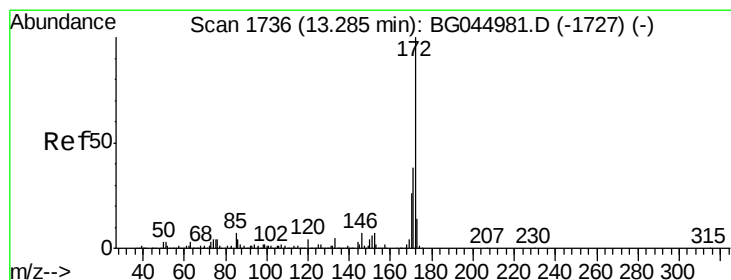
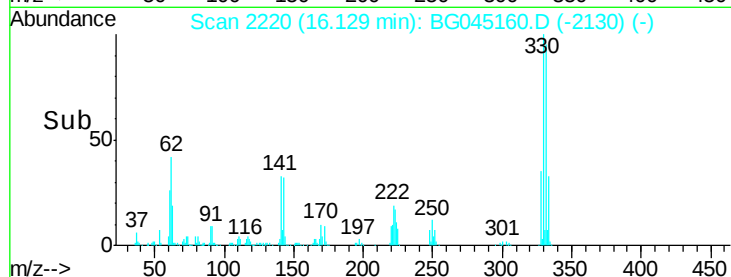
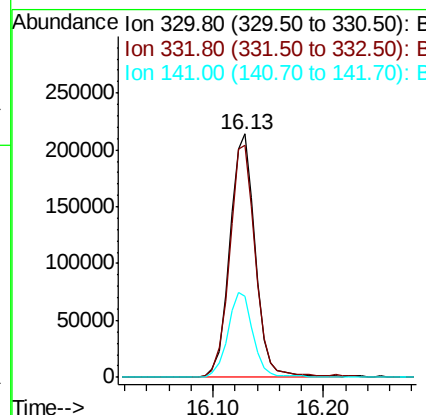
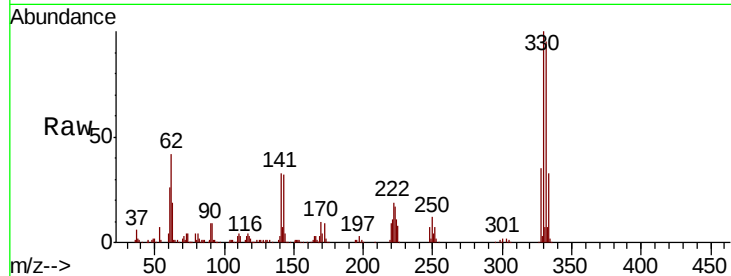




#42
 2,4,6-Tribromophenol
 Concen: 143.777 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG045160.D
 Acq: 24 Apr 2020 14:22

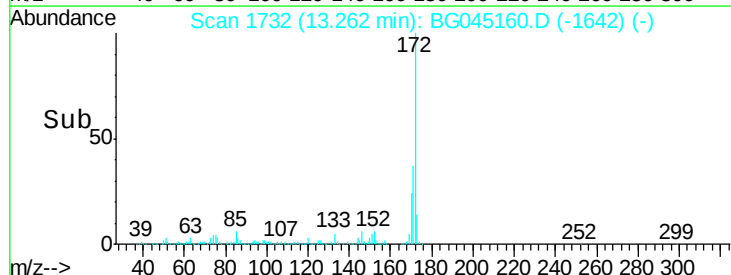
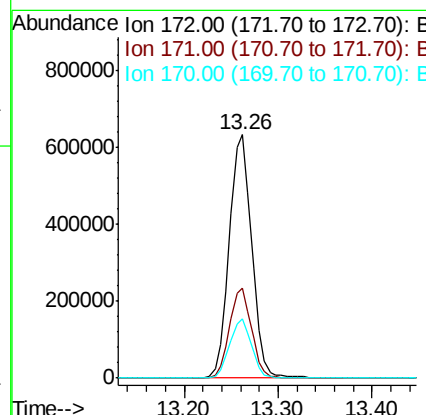
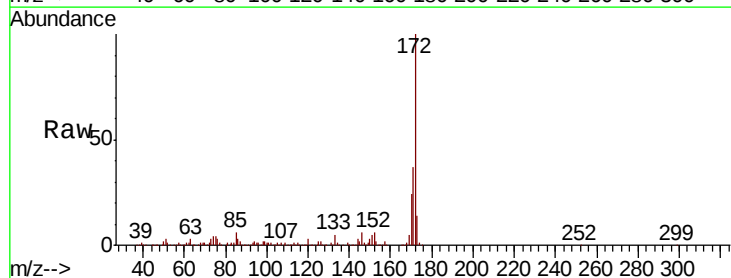
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BL

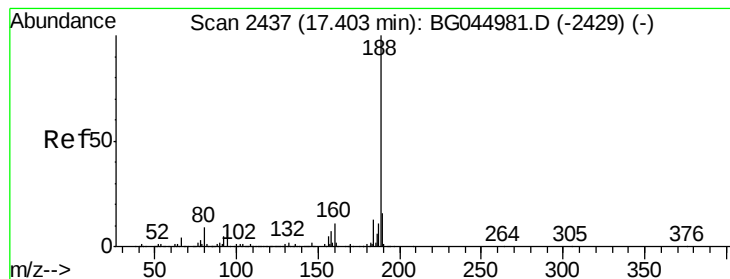
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.1	118.7
141	34.5	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 99.838 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG045160.D
 Acq: 24 Apr 2020 14:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.3	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG045160.D

Acq: 24 Apr 2020 14:22

Instrument :

BNA_G

ClientSampleId :

PB128472BL

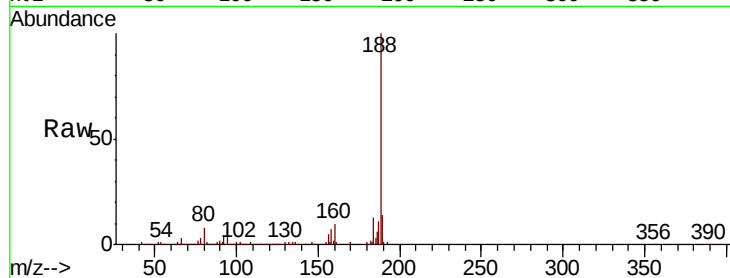
Tot Ion:188 Resp: 364333

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

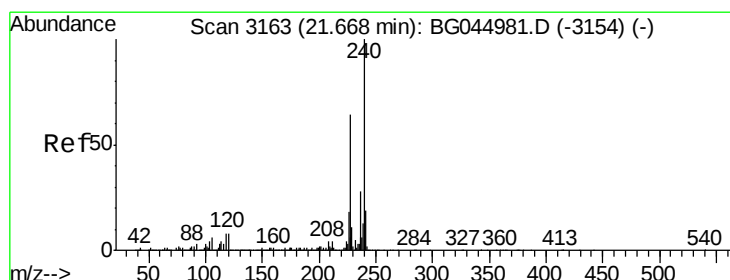
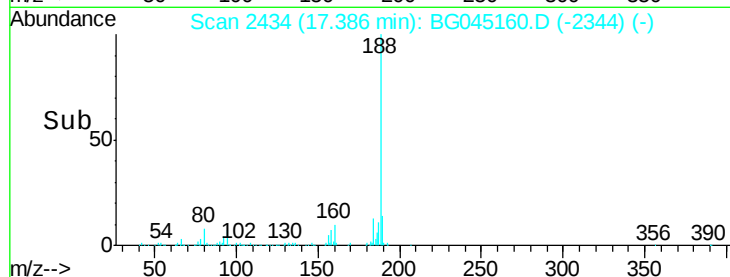
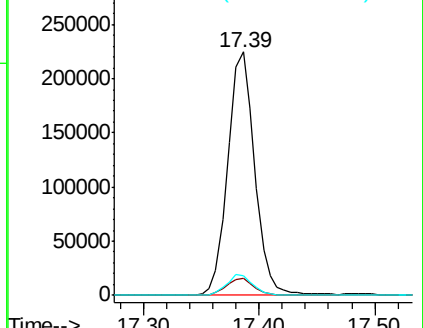
80 7.9 7.0 10.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045160.D

Acq: 24 Apr 2020 14:22

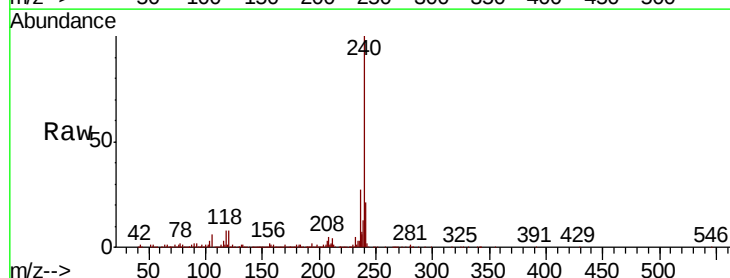
Tgt Ion:240 Resp: 425872

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

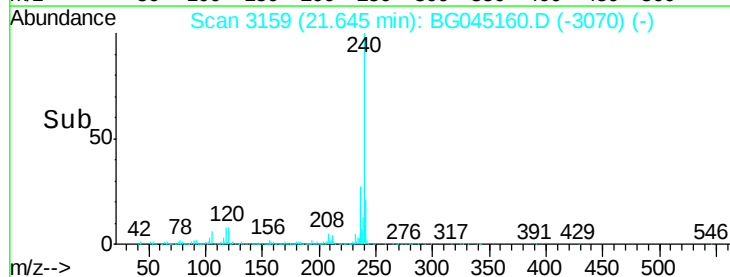
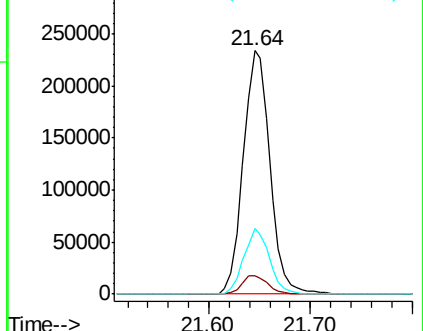
236 26.8 22.2 33.2

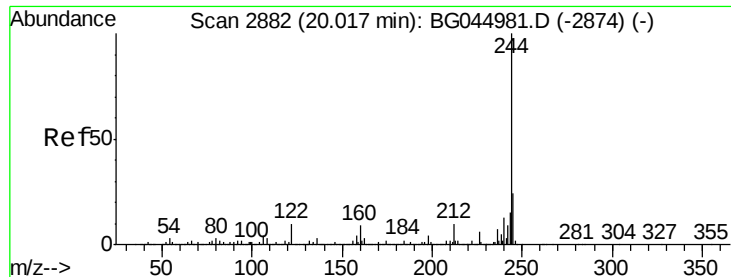


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.919 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG045160.D

Acq: 24 Apr 2020 14:22

Instrument :

BNA_G

ClientSampleId :

PB128472BL

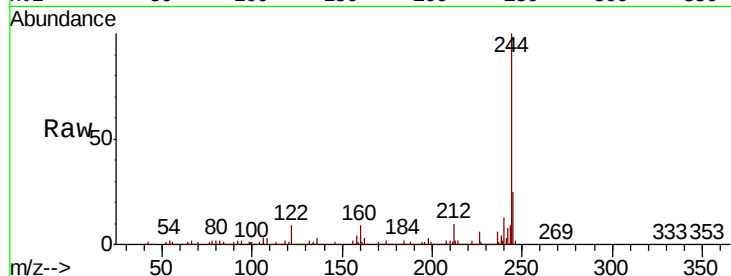
Tot Ion:244 Resp: 2108654

Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

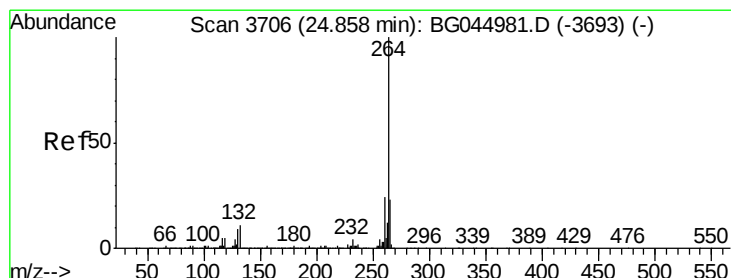
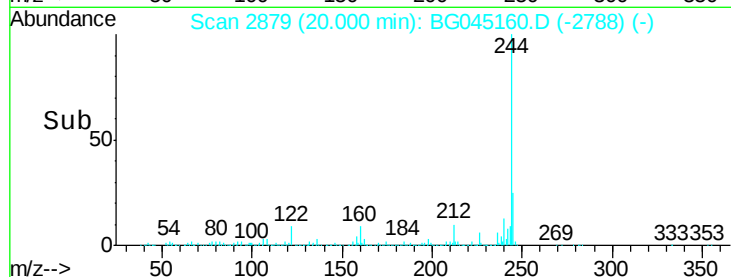
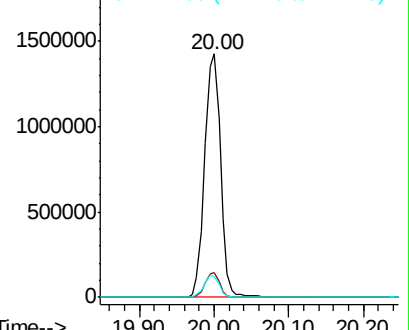
122 8.7 7.7 11.5



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: 24.82 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG045160.D

Acq: 24 Apr 2020 14:22

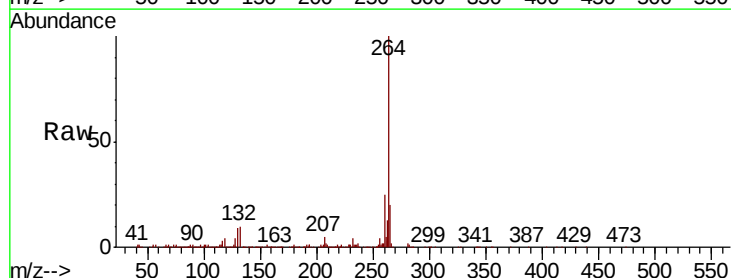
Tgt Ion:264 Resp: 458164

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 20.3 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

