

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045356.D
 Acq On : 13 May 2020 11:00
 Operator : CG/JU
 Sample : PB128795TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128795TB

Quant Time: May 13 11:45:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63776	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	257284	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176079	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	429771	20.00	ng	0.00
76) Chrysene-d12	21.62	240	467540	20.00	ng	0.00
87) Perylene-d12	24.78	264	496502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	398476	103.15	ng	0.00
7) Phenol-d6	7.14	99	568274	99.01	ng	0.00
23) Nitrobenzene-d5	9.13	82	395577	70.15	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	296693	109.07	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	886517	73.83	ng	0.00
79) Terphenyl-d14	19.98	244	1726219	80.47	ng	0.00

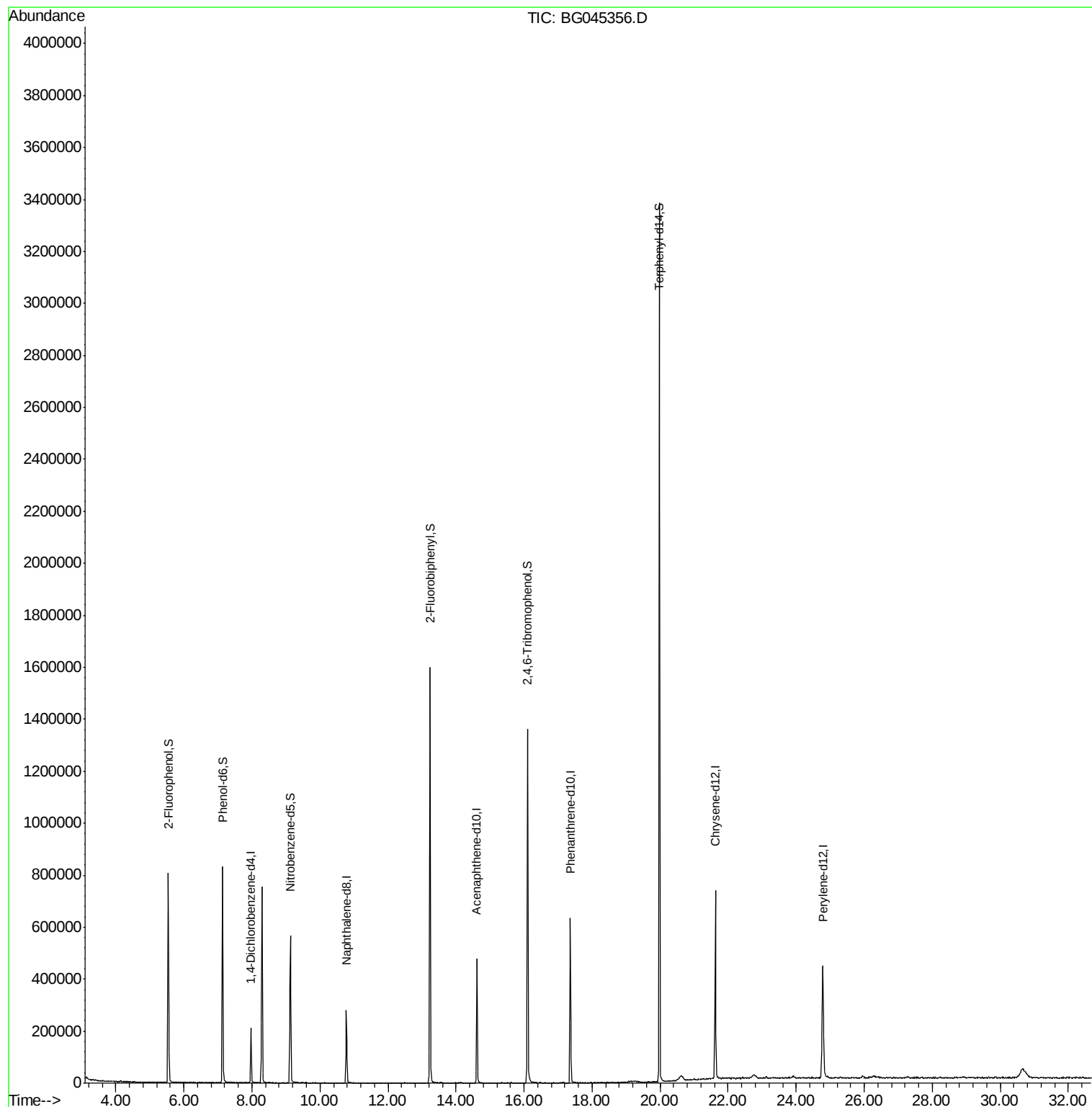
Target Compounds Qvalue

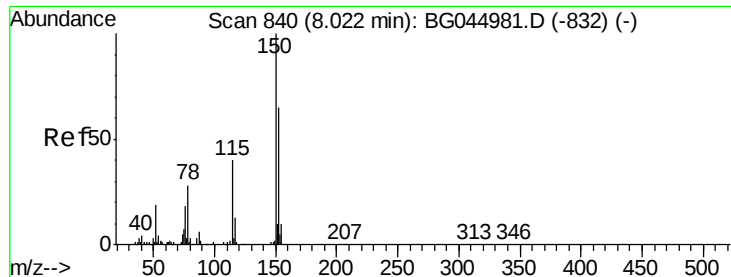
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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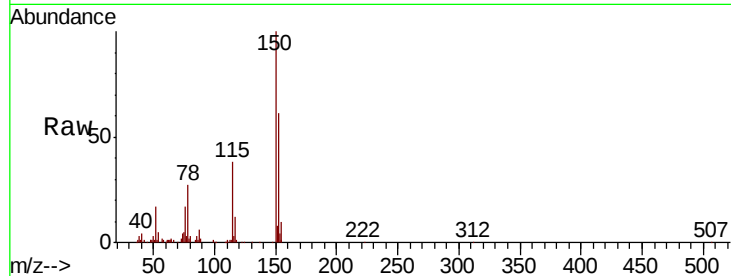


#1

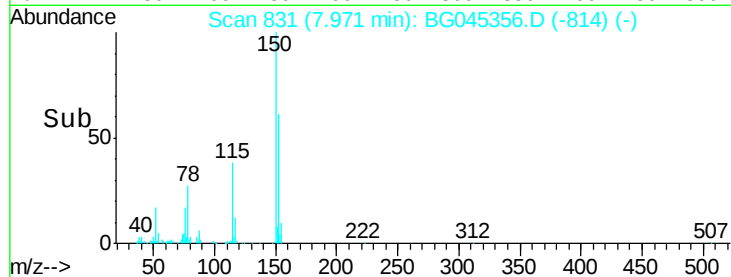
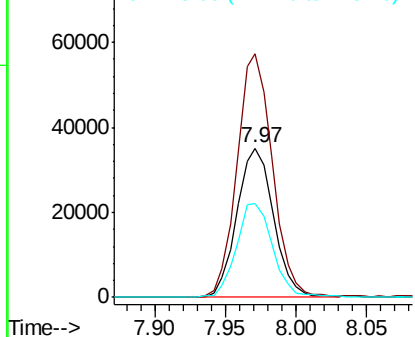
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG045356.D
 Acq: 13 May 2020 11:00

Instrument :
 BNA_G
 ClientSampleId :
 PB128795TB

Tot Ion:152 Resp: 63776
 Ion Ratio Lower Upper
 152 100
 150 162.8 123.6 185.4
 115 62.5 49.1 73.7



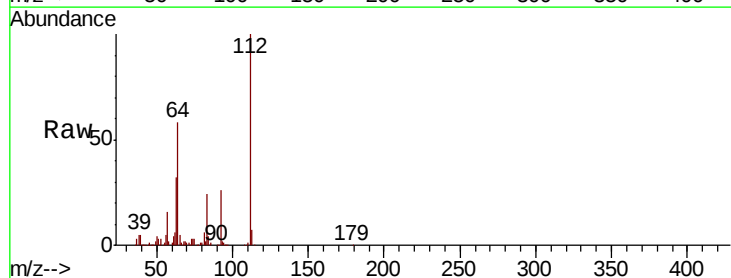
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



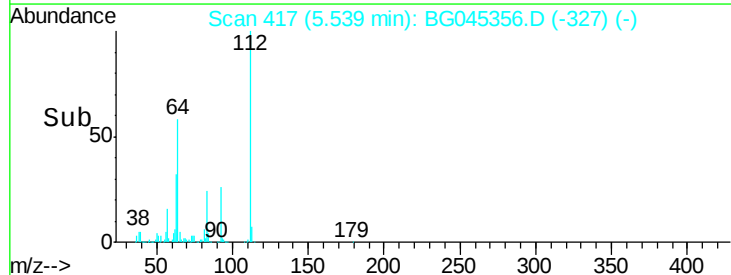
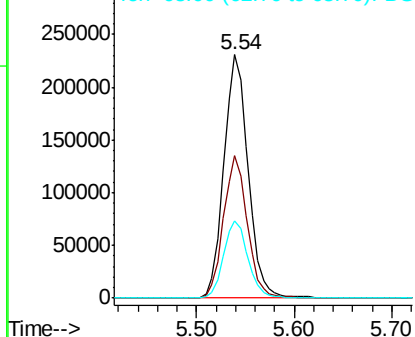
#5

2-Fluorophenol
 Concen: 103.152 ng
 RT: 5.54 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BG045356.D
 Acq: 13 May 2020 11:00

Tgt Ion:112 Resp: 398476
 Ion Ratio Lower Upper
 112 100
 64 58.4 42.4 63.6
 63 31.7 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: 99.012 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG045356.D

Acq: 13 May 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB128795TB

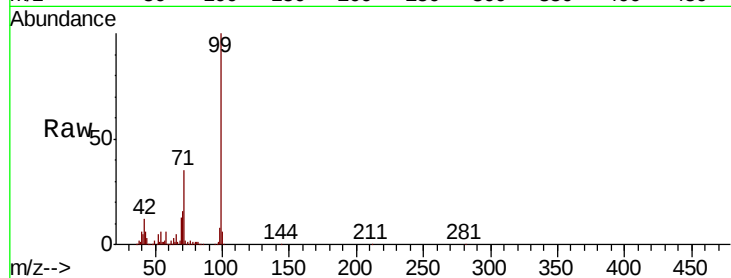
Tot Ion: 99 Resp: 568274

Ion Ratio Lower Upper

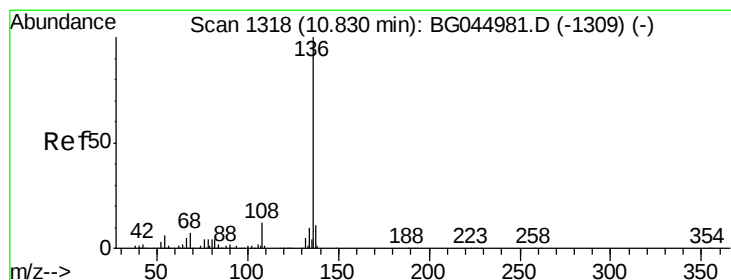
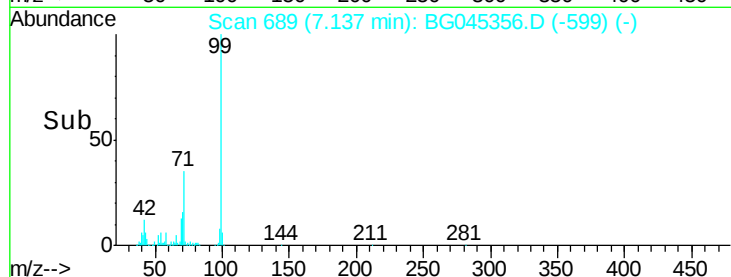
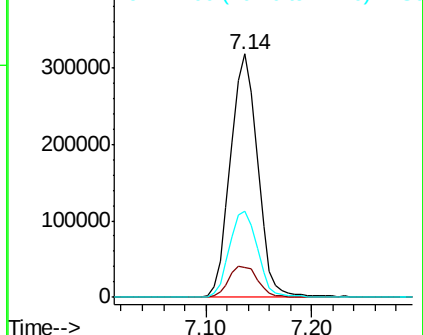
99 100

42 12.3 11.3 16.9

71 35.1 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: 10.78 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG045356.D

Acq: 13 May 2020 11:00

Tgt Ion: 136 Resp: 257284

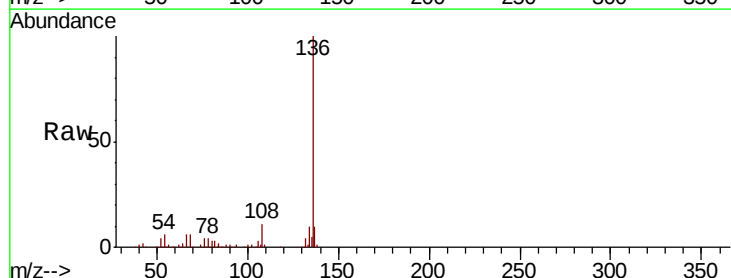
Ion Ratio Lower Upper

136 100

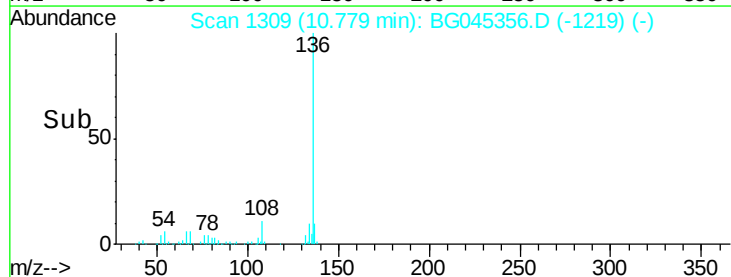
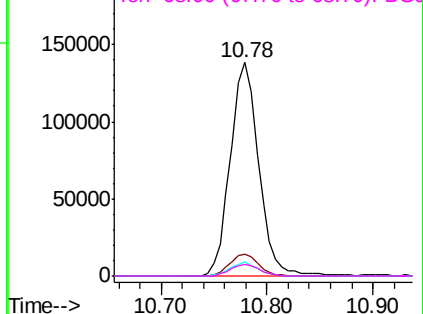
137 10.2 8.6 13.0

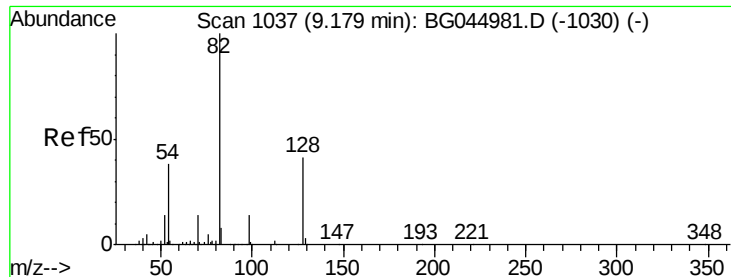
54 6.4 4.8 7.2

68 5.6 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

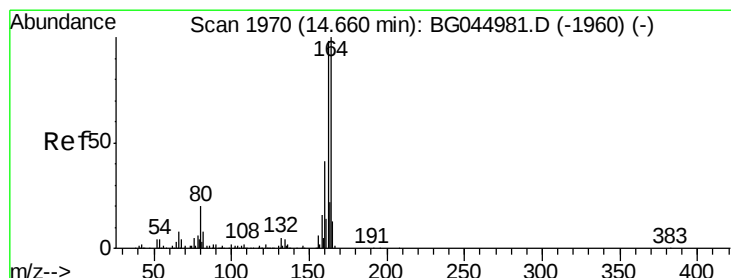
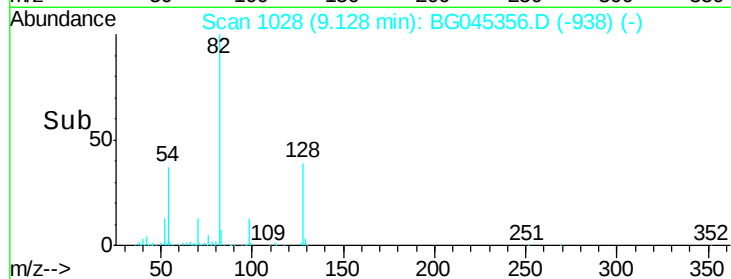
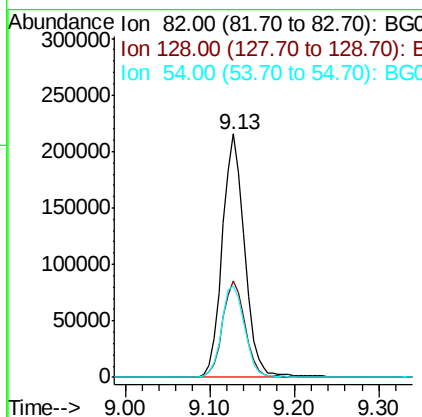
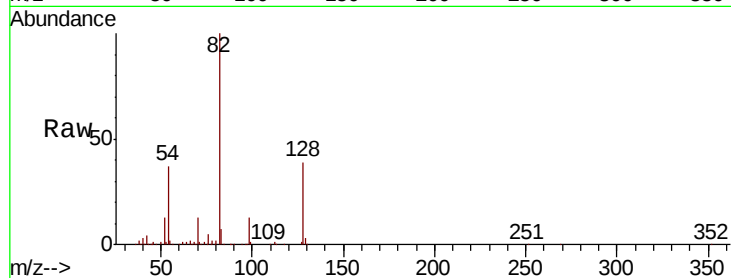




#23
Nitrobenzene-d5
Concen: 70.155 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

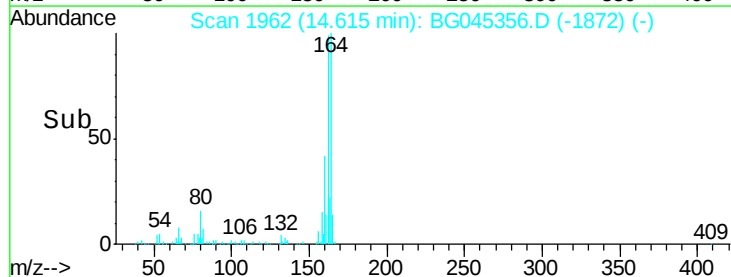
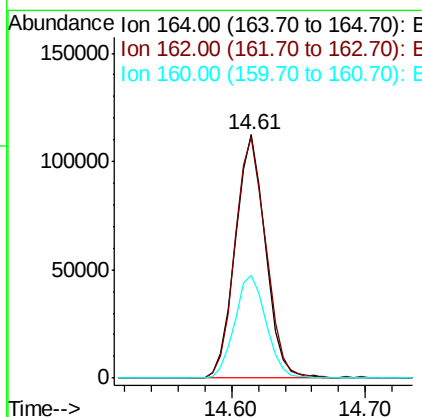
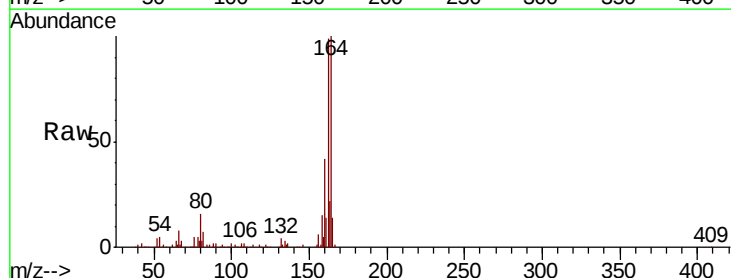
Instrument :
BNA_G
ClientSampleId :
PB128795TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	37.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG045356.D
Acq: 13 May 2020 11:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	42.3	32.8	49.2

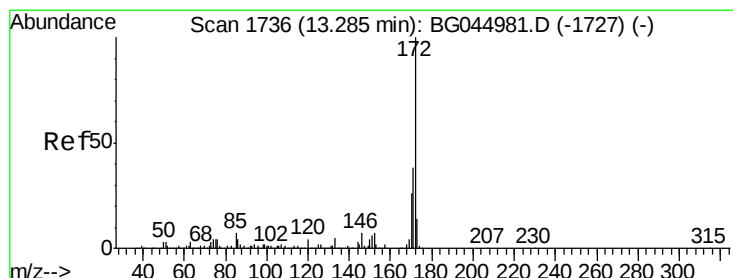
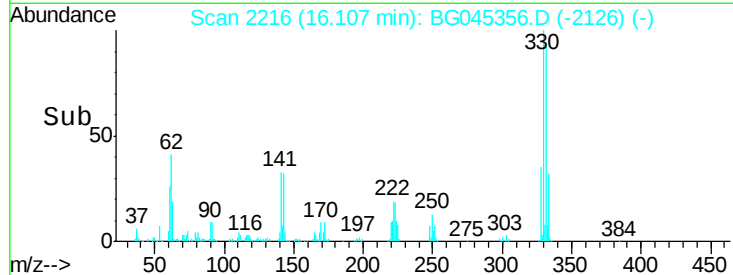
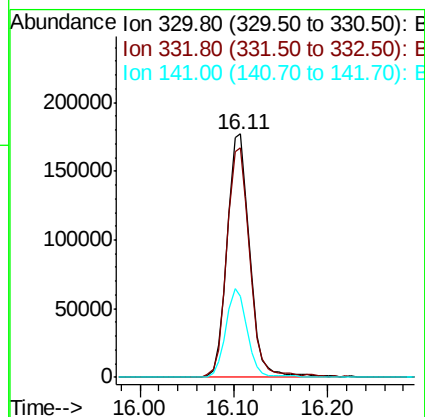
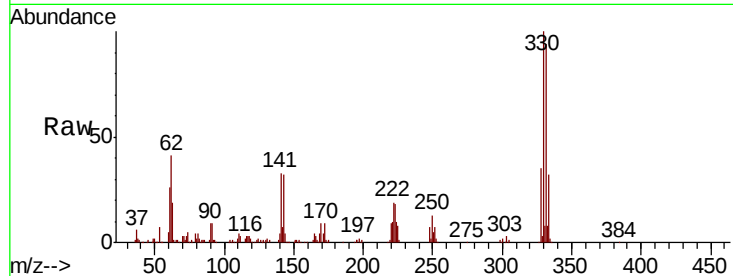




#42
 2,4,6-Tribromophenol
 Concen: 109.071 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045356.D
 Acq: 13 May 2020 11:00

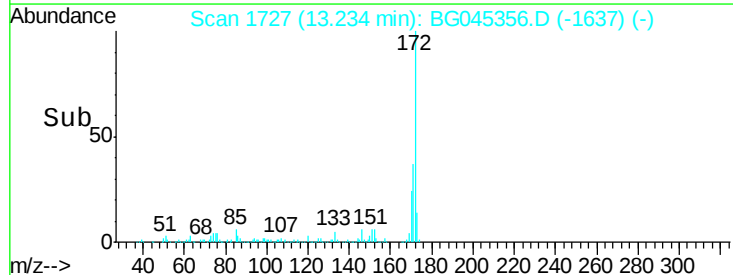
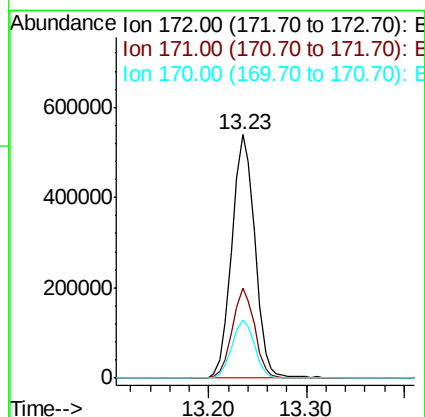
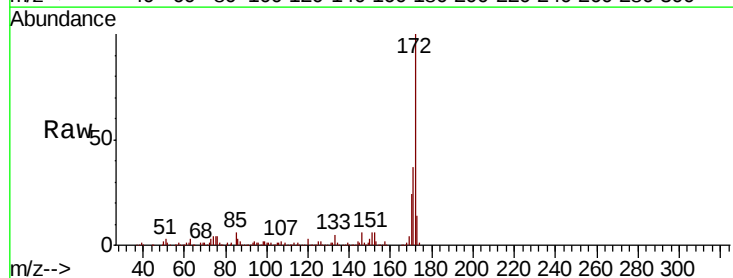
Instrument :
 BNA_G
 ClientSampleId :
 PB128795TB

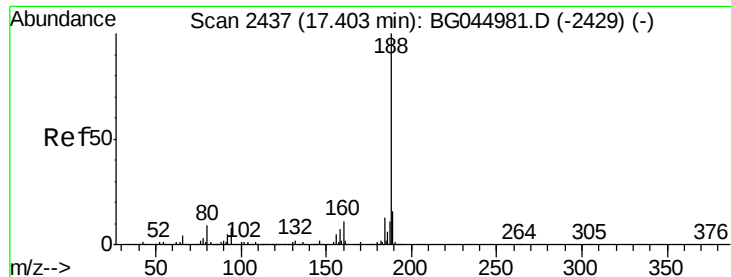
Tot Ion:	330	Resp:	296693
Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	34.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 73.826 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG045356.D
 Acq: 13 May 2020 11:00

Tgt Ion:	172	Resp:	886517
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	23.8	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG045356.D

Acq: 13 May 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB128795TB

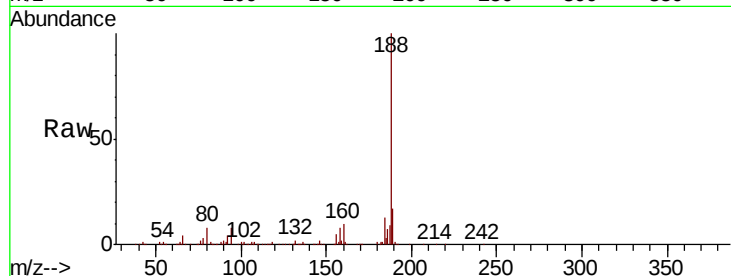
Tot Ion:188 Resp: 429771

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

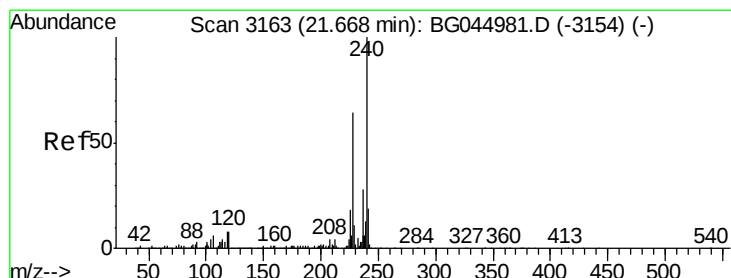
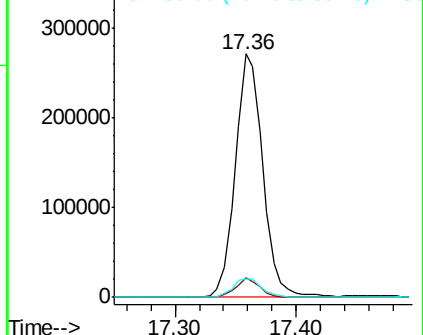
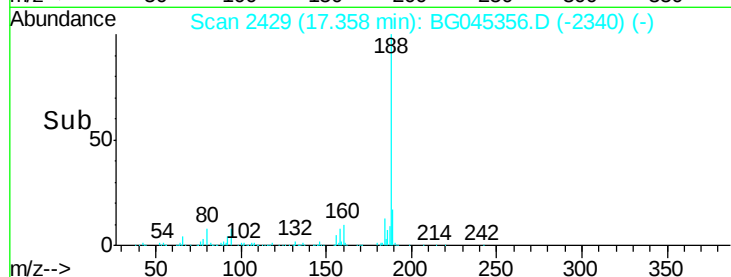
80 7.6 7.0 10.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG045356.D

Acq: 13 May 2020 11:00

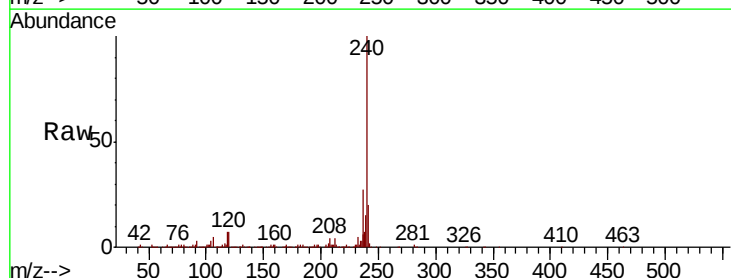
Tgt Ion:240 Resp: 467540

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

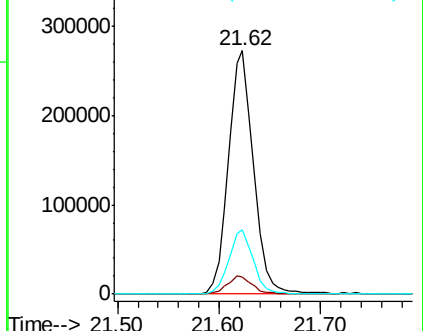
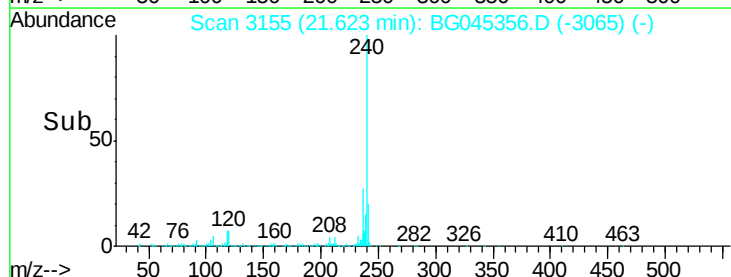
236 26.6 22.2 33.2

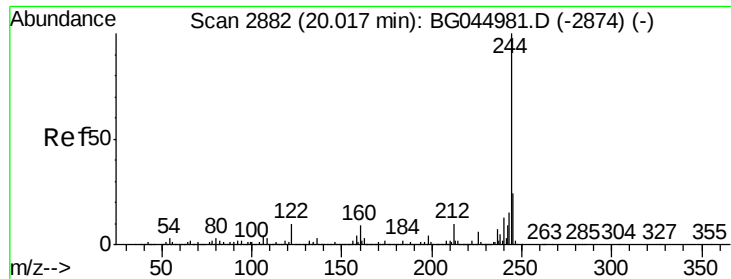


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.472 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045356.D

Acq: 13 May 2020 11:00

Instrument :

BNA_G

ClientSampleId :

PB128795TB

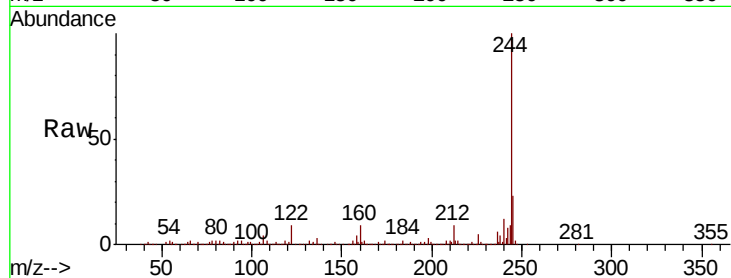
Tot Ion:244 Resp: 1726219

Ion Ratio Lower Upper

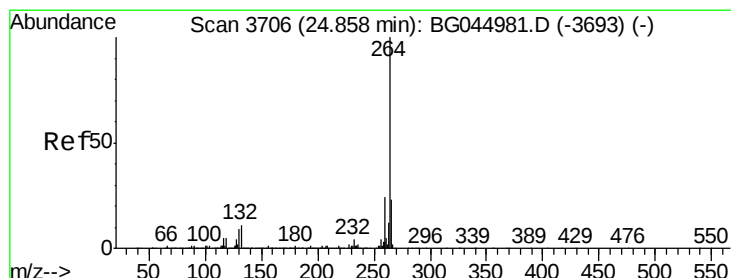
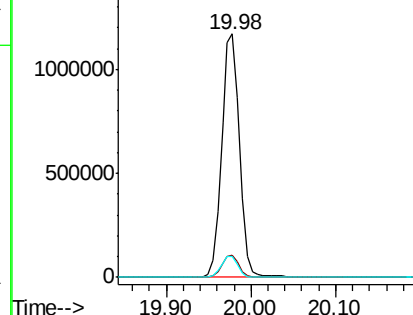
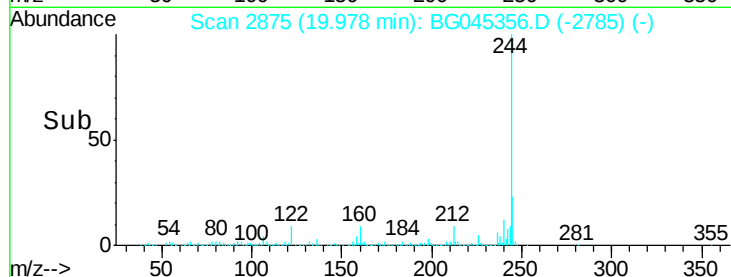
244 100

212 9.0 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: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG045356.D

Acq: 13 May 2020 11:00

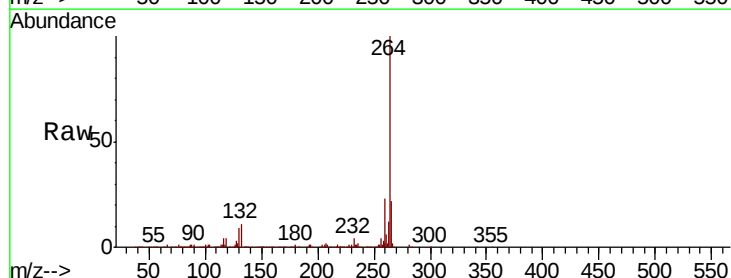
Tgt Ion:264 Resp: 496502

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.7 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

