

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045293.D
 Acq On : 11 May 2020 12:44
 Operator : CG/JU
 Sample : PB128752TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128752TB

Quant Time: May 11 13:33:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	61769	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	241428	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	171413	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	402907	20.00	ng	0.00
76) Chrysene-d12	21.63	240	417967	20.00	ng	0.00
87) Perylene-d12	24.81	264	456943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	686735	183.55	ng	0.00
7) Phenol-d6	7.15	99	975540	175.49	ng	0.00
23) Nitrobenzene-d5	9.14	82	667070	126.07	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	487736	184.18	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1526540	130.58	ng	0.00
79) Terphenyl-d14	19.99	244	2655676	138.49	ng	0.00

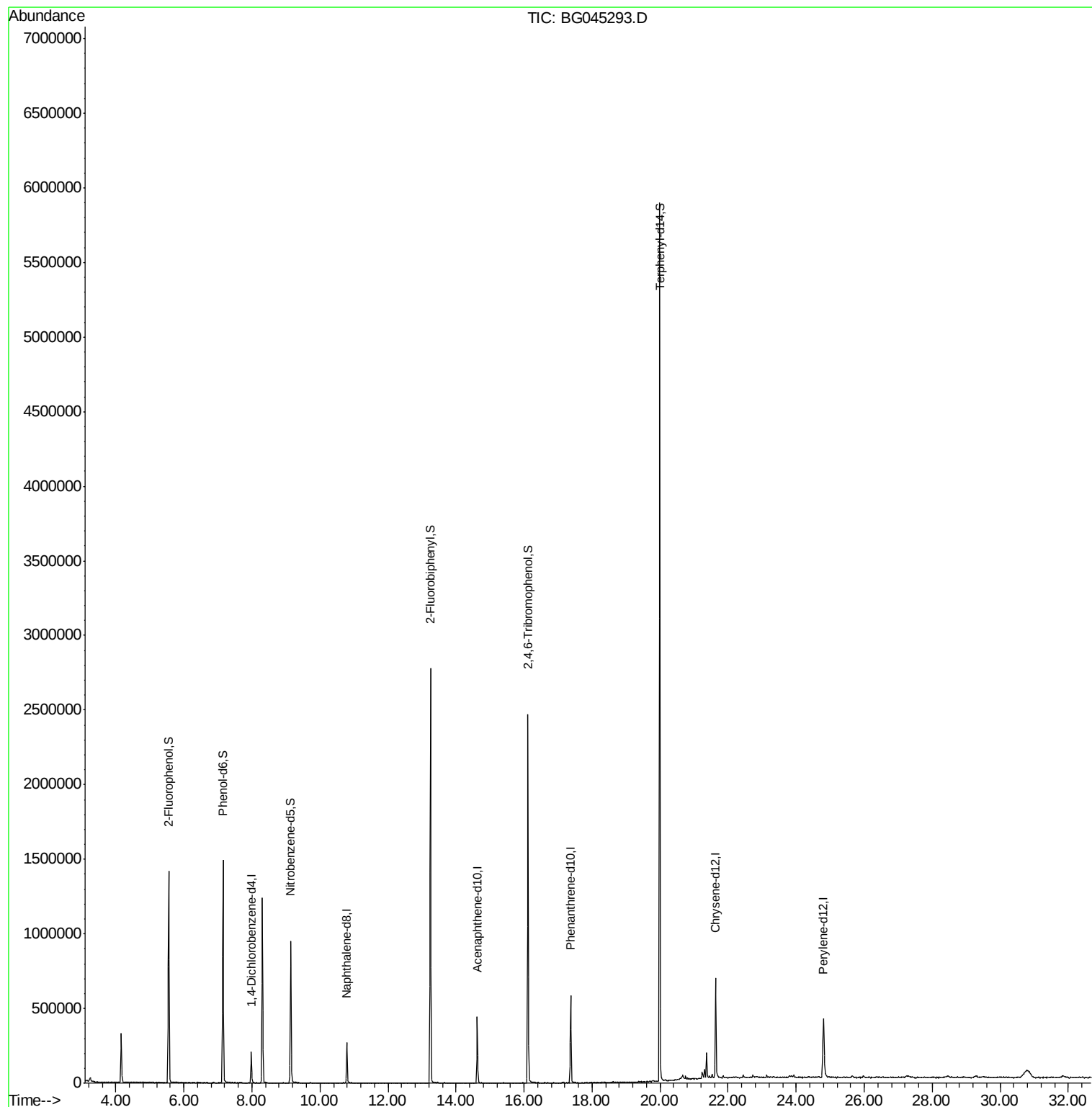
Target Compounds	Qvalue
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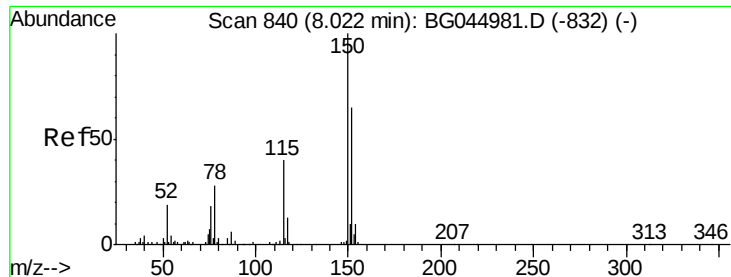
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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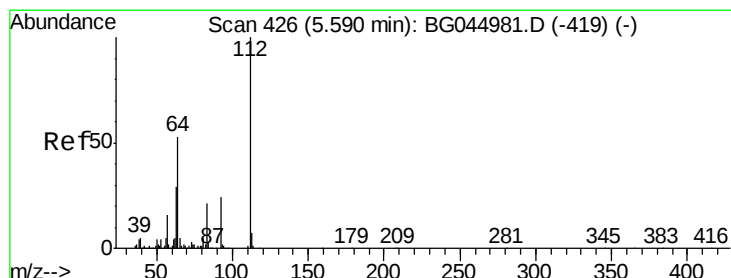
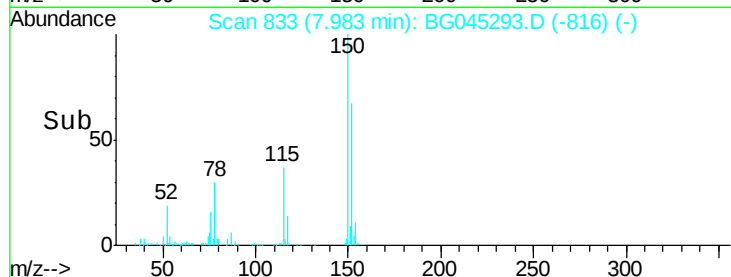
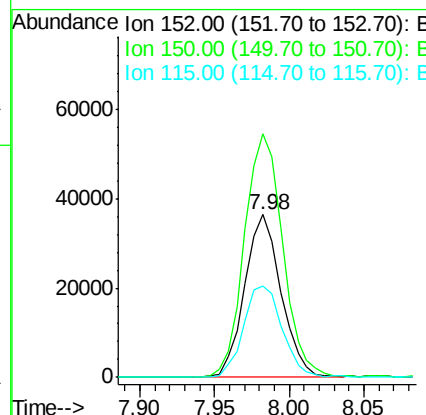
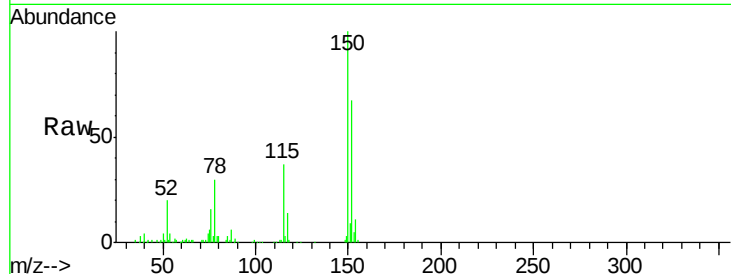




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.98 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BG045293.D
 Acq: 11 May 2020 12:44

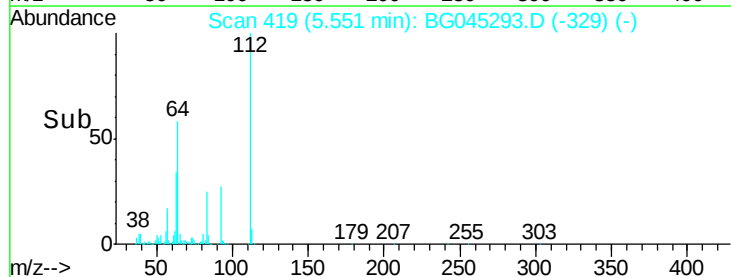
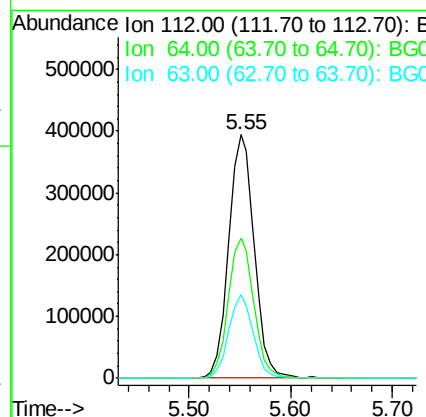
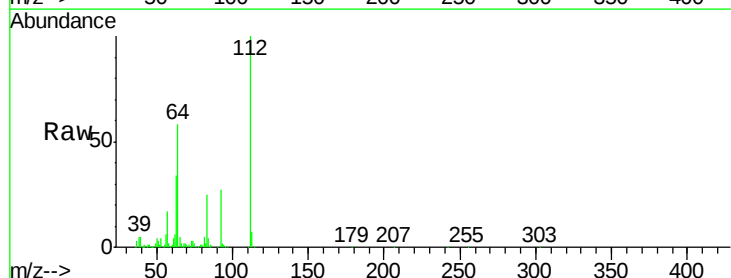
Instrument :
 BNA_G
 ClientSampleId :
 PB128752TB

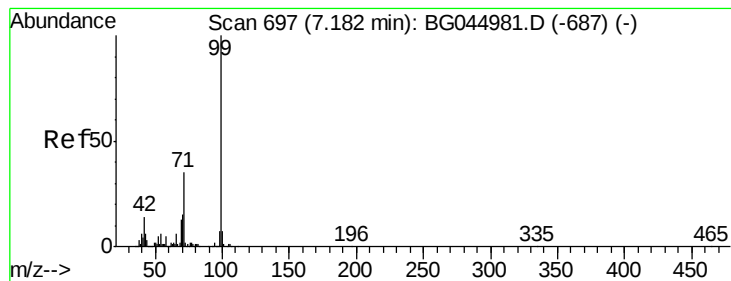
Tgt Ion:152 Resp: 61769
 Ion Ratio Lower Upper
 152 100
 150 149.5 123.6 185.4
 115 56.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 183.55 ng
 RT: 5.55 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BG045293.D
 Acq: 11 May 2020 12:44

Tgt Ion:112 Resp: 686735
 Ion Ratio Lower Upper
 112 100
 64 57.7 42.4 63.6
 63 34.4 23.1 34.7





#7

Phenol-d6

Concen: 175.49 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045293.D

Acq: 11 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

PB128752TB

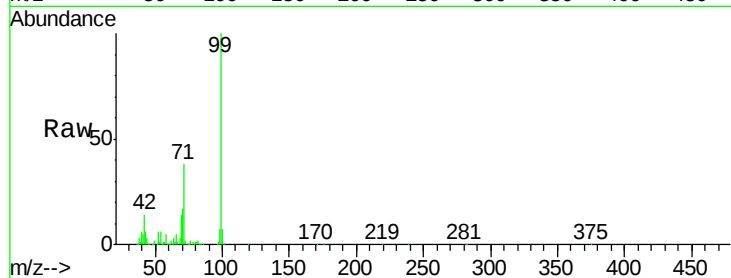
Tgt Ion: 99 Resp: 975540

Ion Ratio Lower Upper

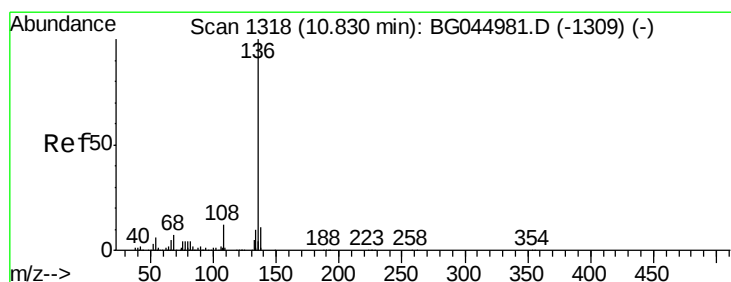
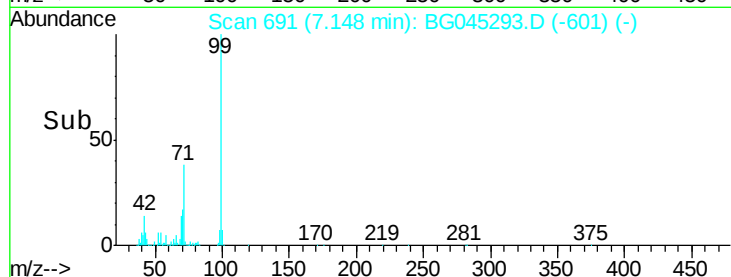
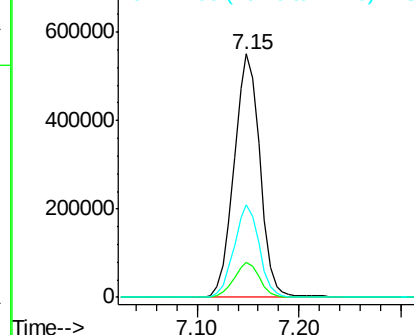
99 100

42 14.4 11.3 16.9

71 38.0 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: 20.00 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BG045293.D

Acq: 11 May 2020 12:44

Tgt Ion: 136 Resp: 241428

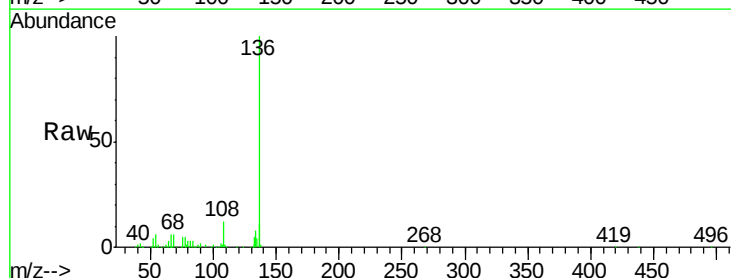
Ion Ratio Lower Upper

136 100

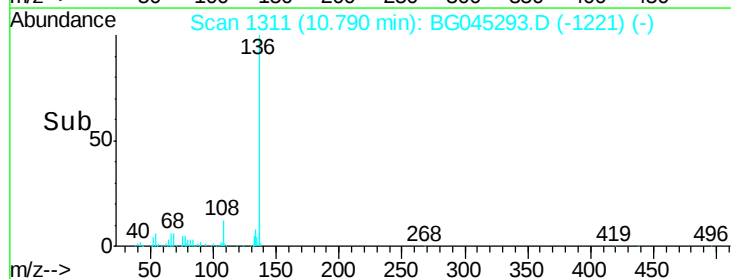
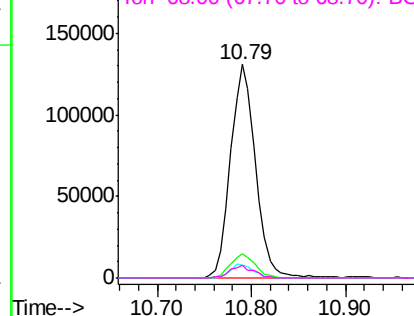
137 11.4 8.6 13.0

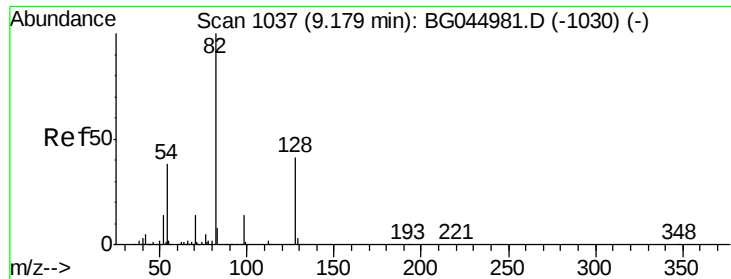
54 6.0 4.8 7.2

68 5.8 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

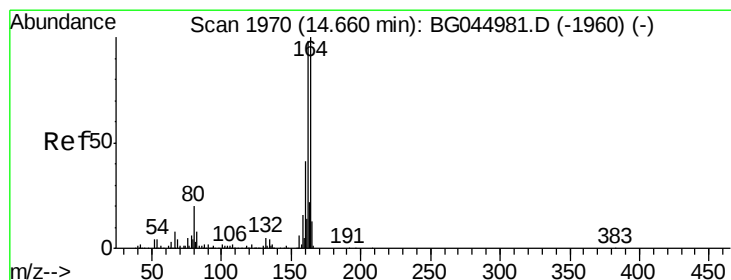
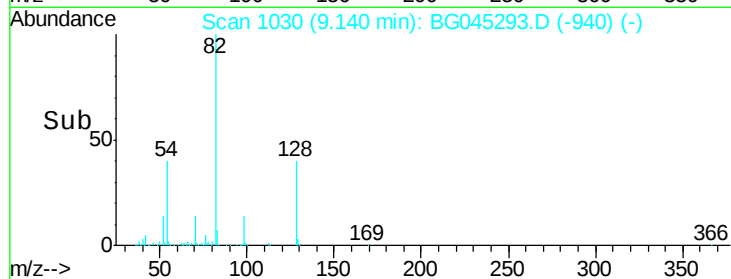
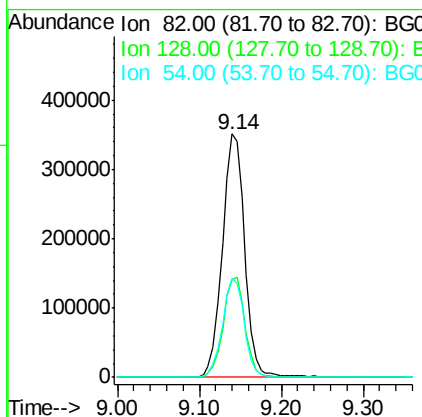
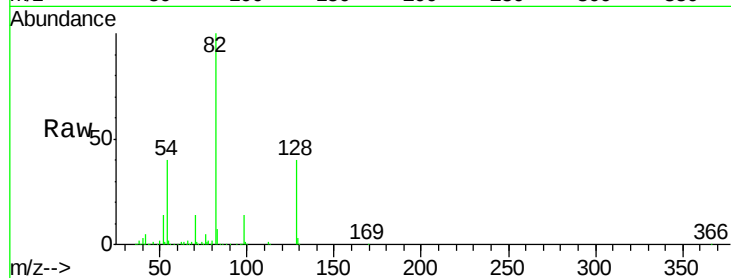




#23
 Nitrobenzene-d5
 Concen: 126.07 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG045293.D
 Acq: 11 May 2020 12:44

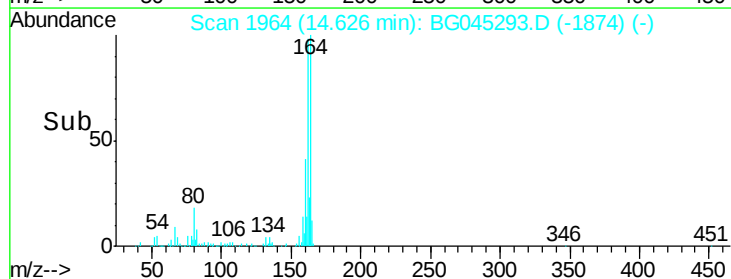
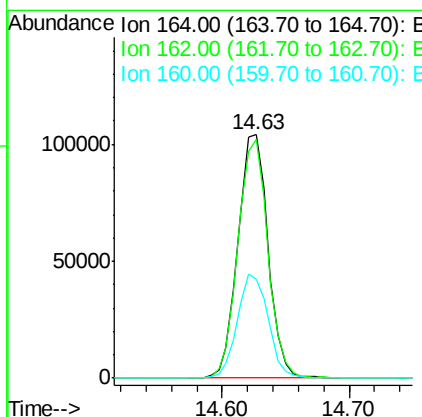
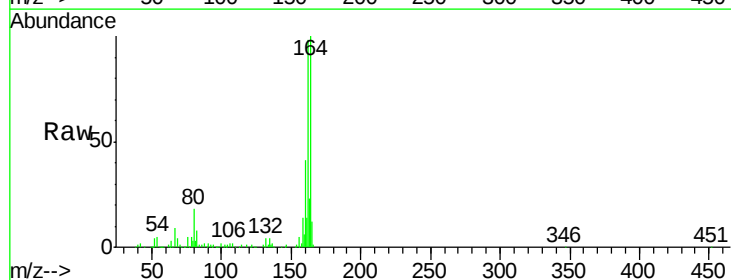
Instrument :
 BNA_G
 ClientSampleId :
 PB128752TB

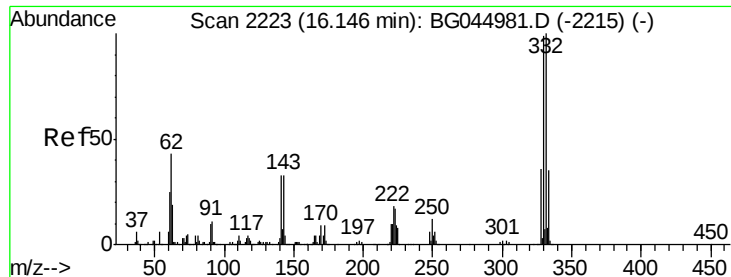
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.4
54	40.5	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BG045293.D
 Acq: 11 May 2020 12:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.7	118.1
160	40.9	32.8	49.2

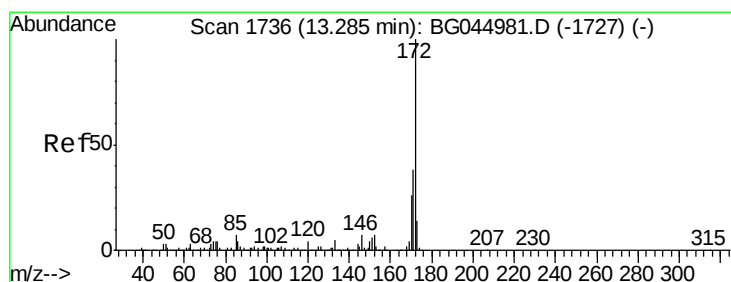
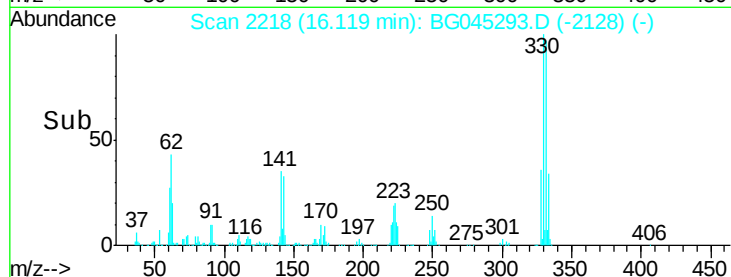
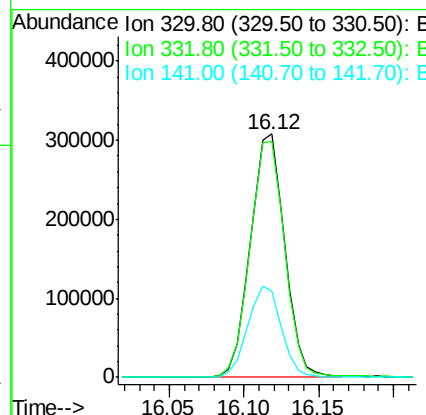
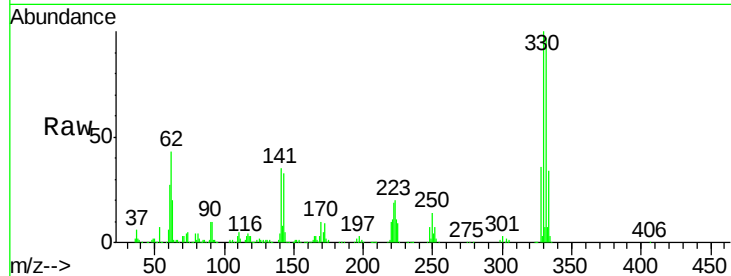




#42
2,4,6-Tribromophenol
Concen: 184.18 ng
RT: 16.12 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BG045293.D
Acq: 11 May 2020 12:44

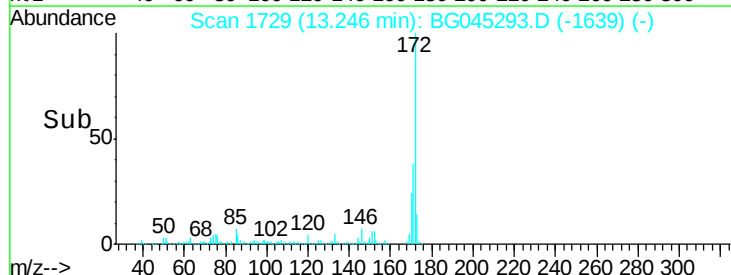
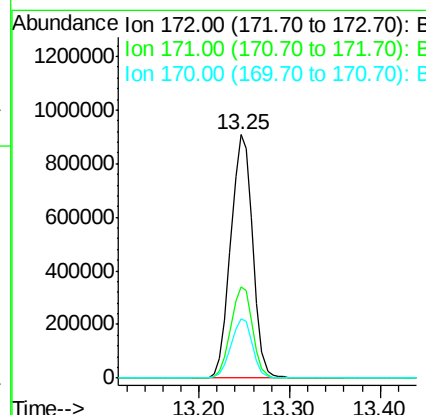
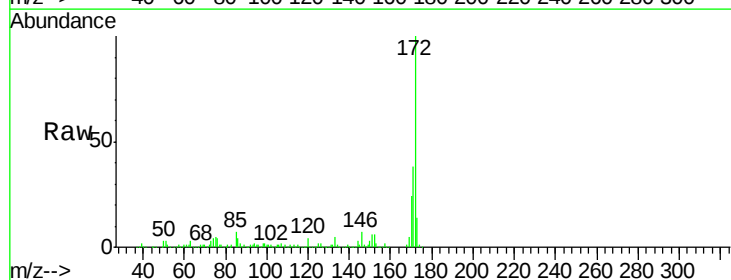
Instrument :
BNA_G
ClientSampleId :
PB128752TB

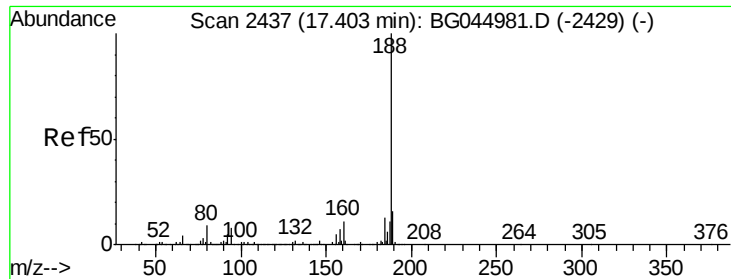
Tgt Ion:330 Resp: 487736
Ion Ratio Lower Upper
330 100
332 98.6 79.1 118.7
141 37.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 130.58 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG045293.D
Acq: 11 May 2020 12:44

Tgt Ion:172 Resp: 1526540
Ion Ratio Lower Upper
172 100
171 37.6 30.6 46.0
170 24.5 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG045293.D

Acq: 11 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

PB128752TB

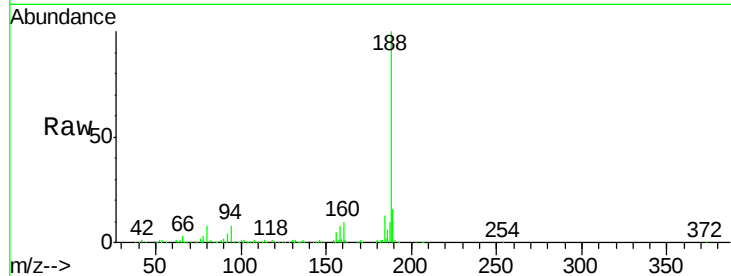
Tgt Ion:188 Resp: 402907

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.4

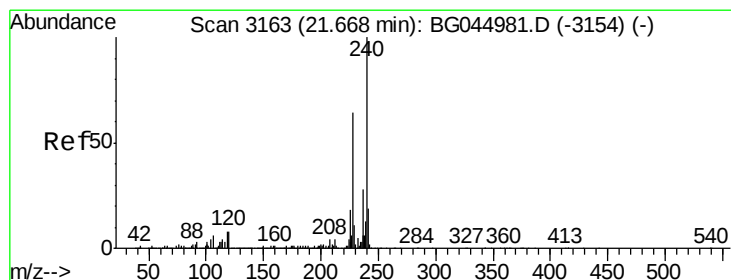
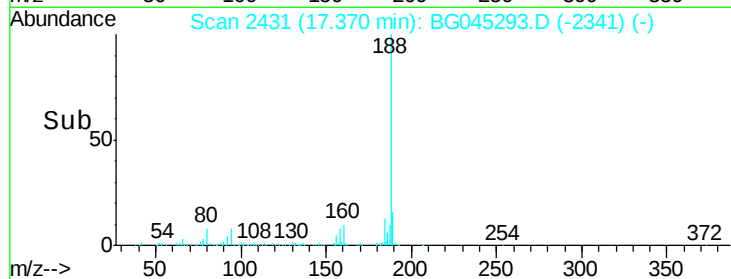
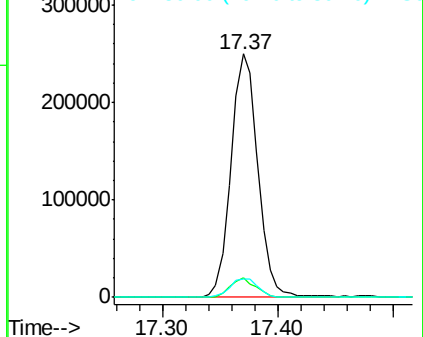
80 7.7 7.0 10.6



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: 20.00 ng

RT: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045293.D

Acq: 11 May 2020 12:44

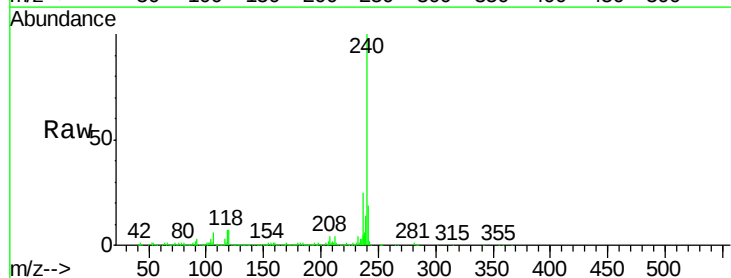
Tgt Ion:240 Resp: 417967

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

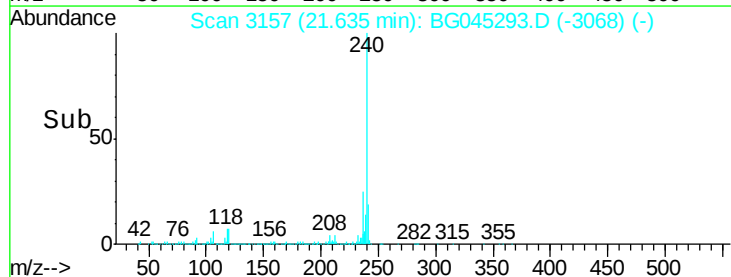
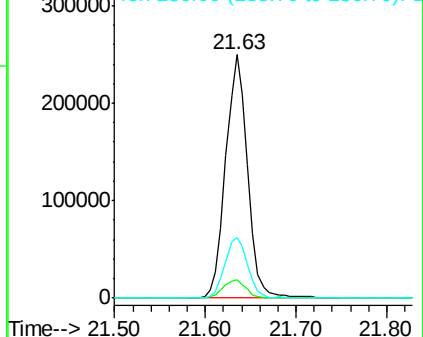
236 25.1 22.2 33.2

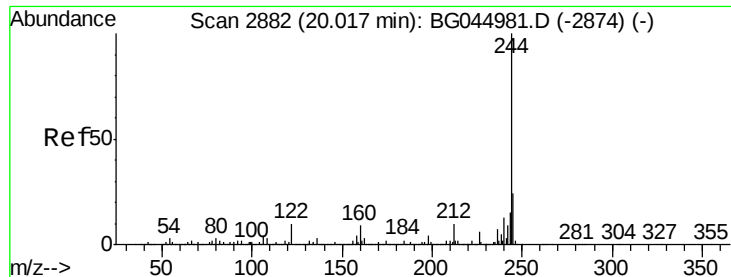


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 138.49 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045293.D

Acq: 11 May 2020 12:44

Instrument :

BNA_G

ClientSampleId :

PB128752TB

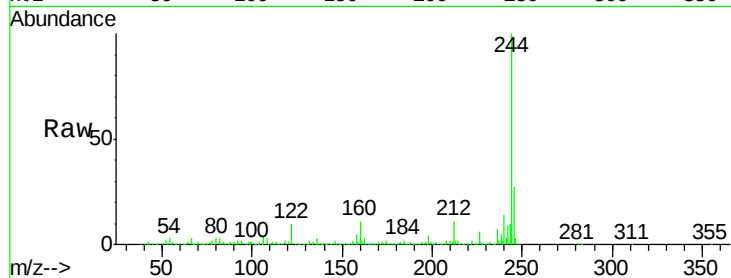
Tgt Ion:244 Resp: 2655676

Ion Ratio Lower Upper

244 100

212 11.2 7.9 11.9

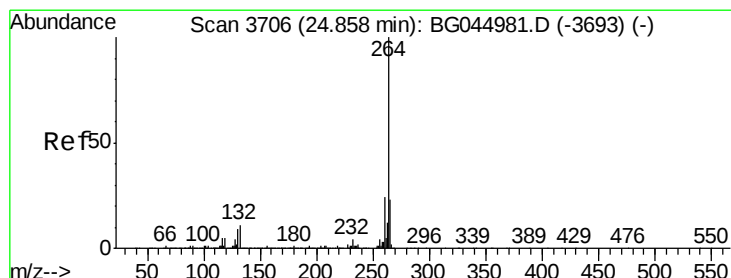
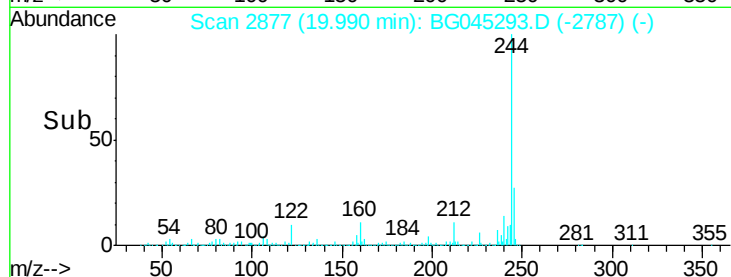
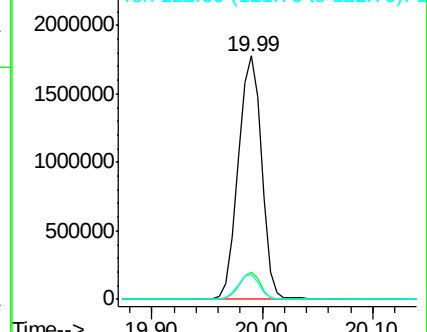
122 10.4 7.7 11.5



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: 20.00 ng

RT: 24.81 min Scan# 3697

Delta R.T. 0.00 min

Lab File: BG045293.D

Acq: 11 May 2020 12:44

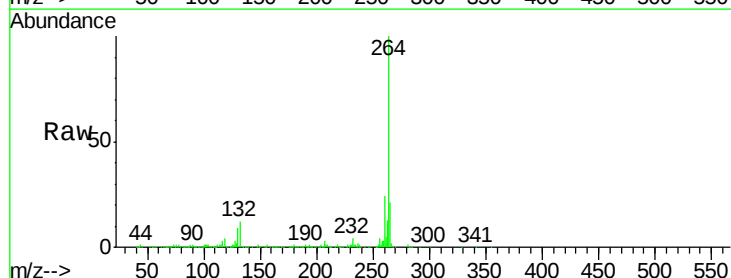
Tgt Ion:264 Resp: 456943

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.1 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

