

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045288.D
 Acq On : 8 May 2020 3:19
 Operator : CG/JU
 Sample : L2497-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-050620

Quant Time: May 08 05:01:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	79359	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	318588	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	226275	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	479803	20.00	ng	0.00
76) Chrysene-d12	21.63	240	422065	20.00	ng	0.00
87) Perylene-d12	24.80	264	437099	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	102763	21.38	ng	0.00
7) Phenol-d6	7.15	99	149581	20.94	ng	0.00
23) Nitrobenzene-d5	9.14	82	96804	13.86	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	67036	19.18	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	240645	15.59	ng	0.00
79) Terphenyl-d14	19.98	244	356155	18.39	ng	0.00

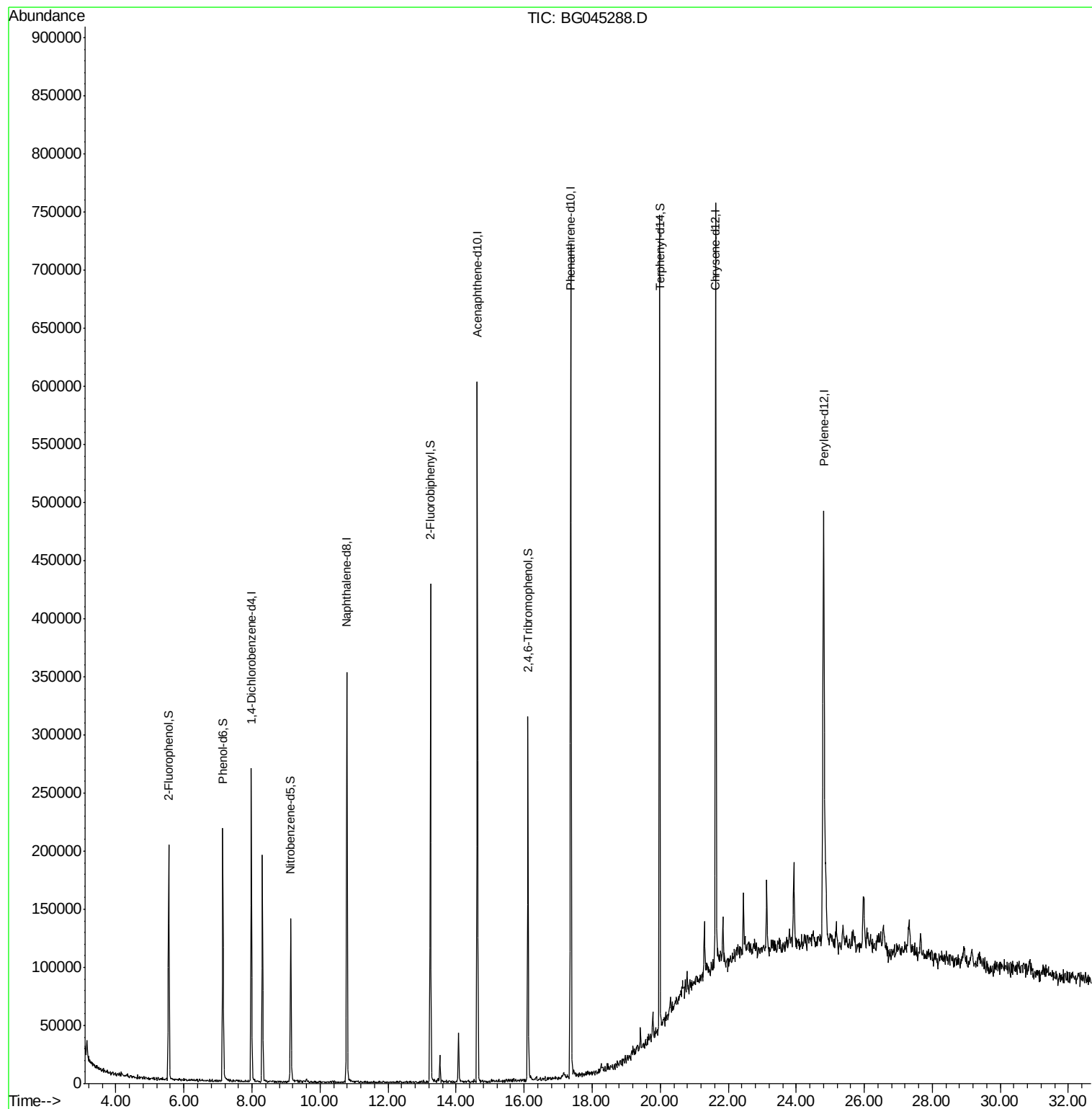
Target Compounds Qvalue

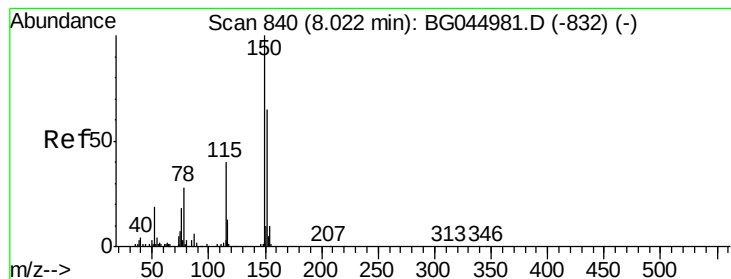
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

Instrument :

BNA_G

ClientSampleId :

HD-01-050620

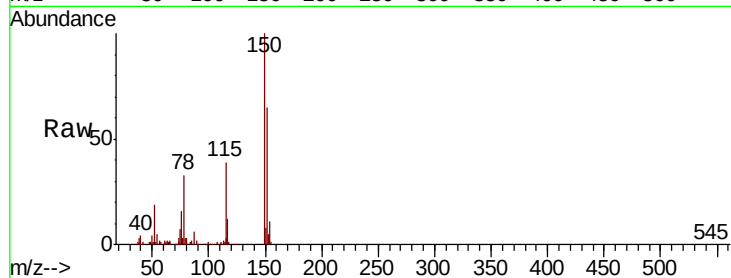
Tot Ion:152 Resp: 79359

Ion Ratio Lower Upper

152 100

150 153.8 123.6 185.4

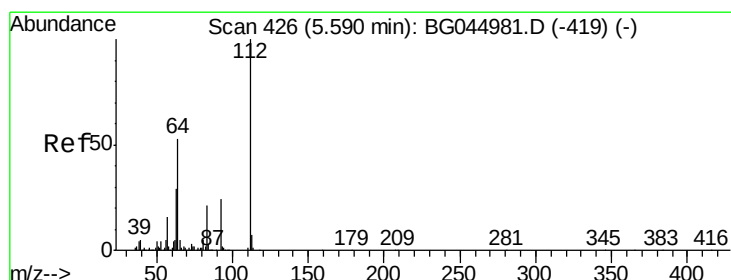
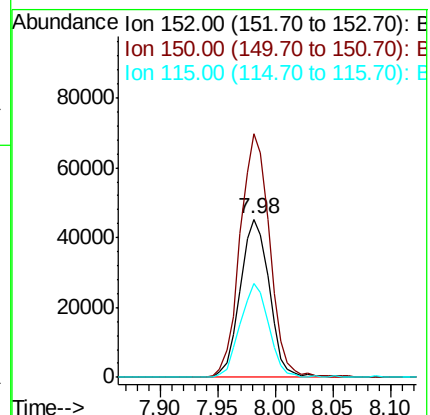
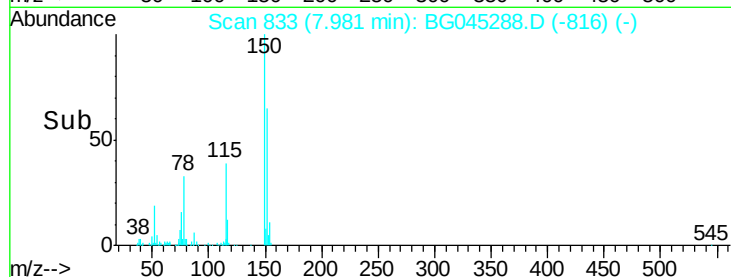
115 59.6 49.1 73.7



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: 21.378 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

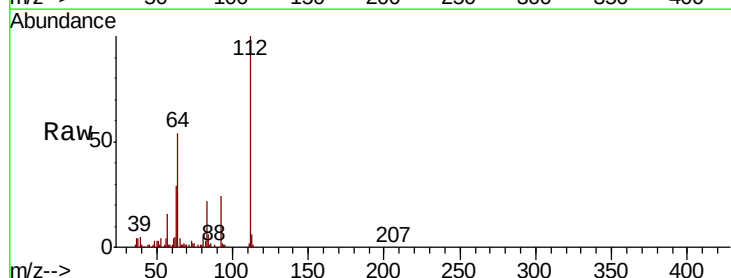
Tgt Ion:112 Resp: 102763

Ion Ratio Lower Upper

112 100

64 53.6 42.4 63.6

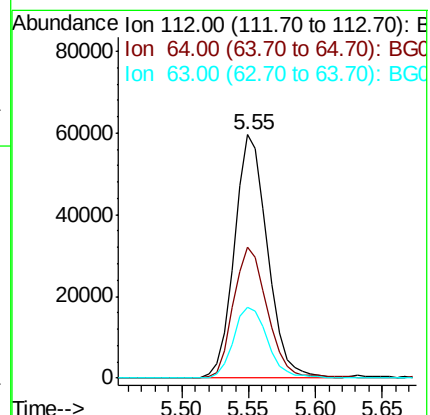
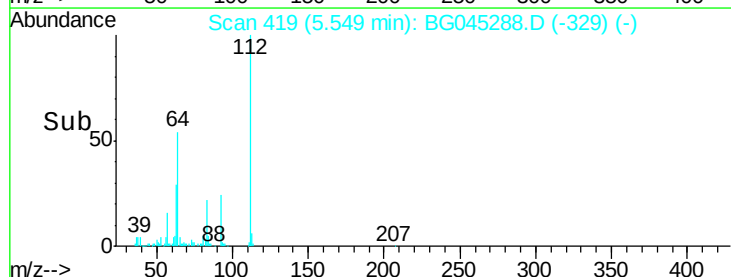
63 29.2 23.1 34.7

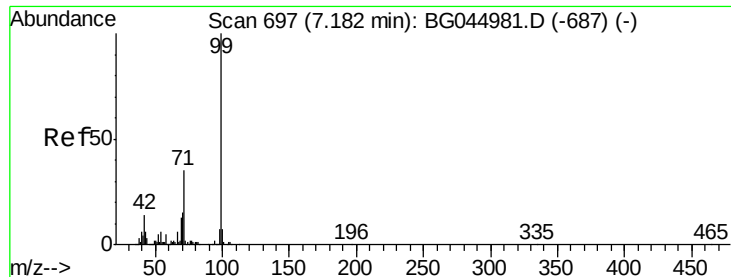


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 20.944 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

Instrument :

BNA_G

ClientSampleId :

HD-01-050620

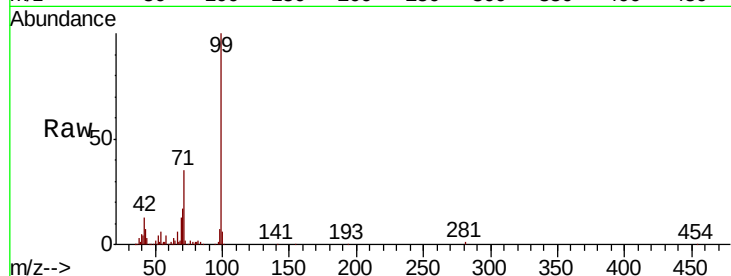
Tot Ion: 99 Resp: 149581

Ion Ratio Lower Upper

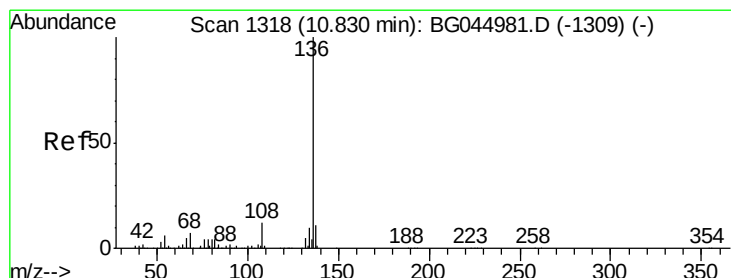
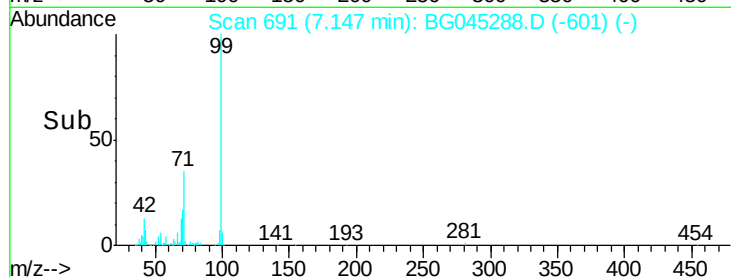
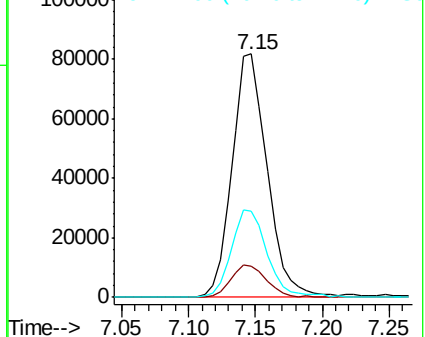
99 100

42 12.8 11.3 16.9

71 35.4 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: 10.79 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

Tgt Ion: 136 Resp: 318588

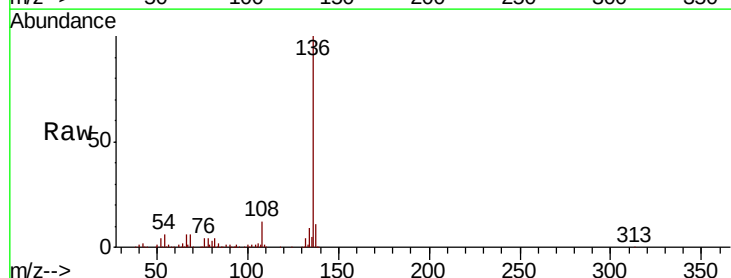
Ion Ratio Lower Upper

136 100

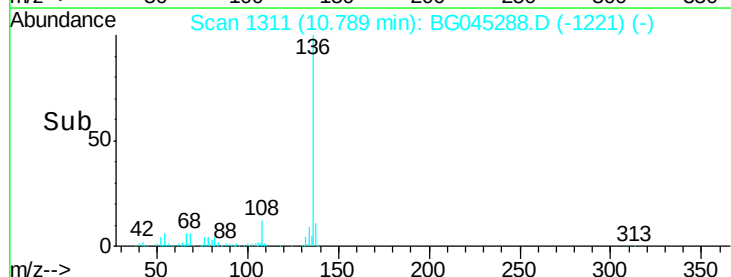
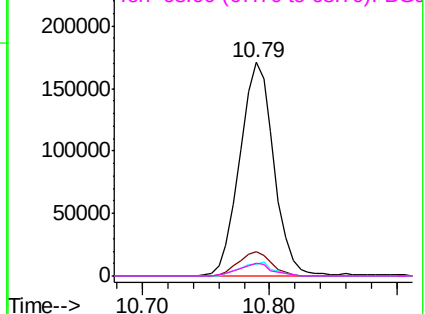
137 11.1 8.6 13.0

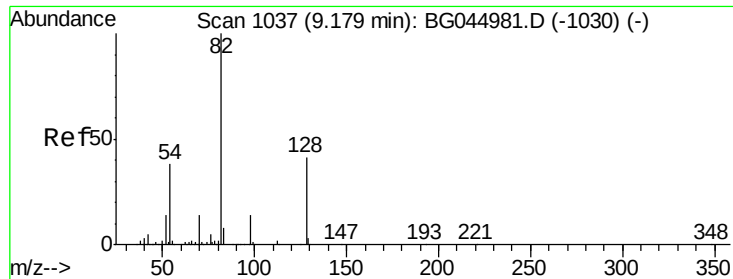
54 5.6 4.8 7.2

68 6.0 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

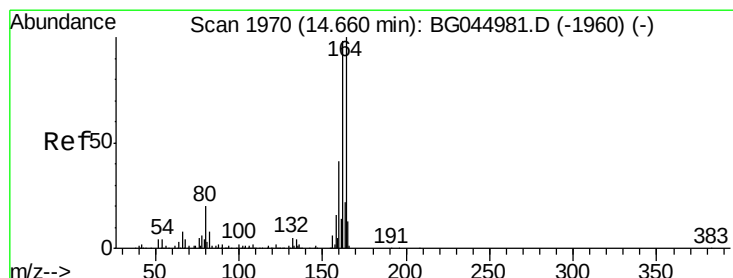
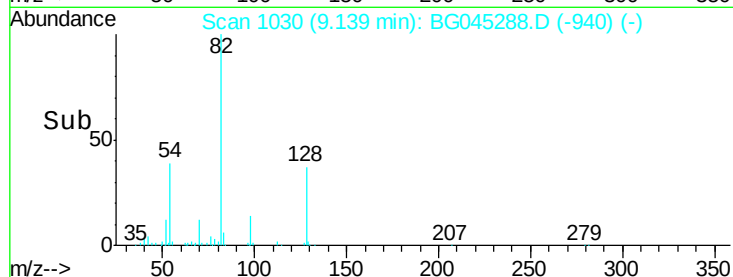
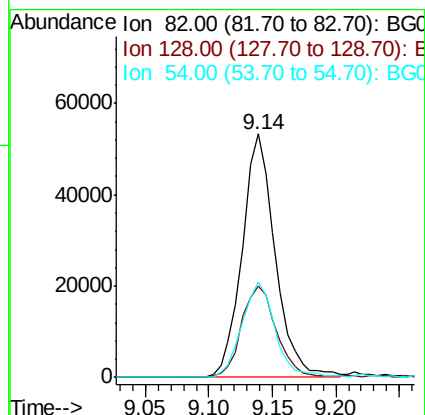
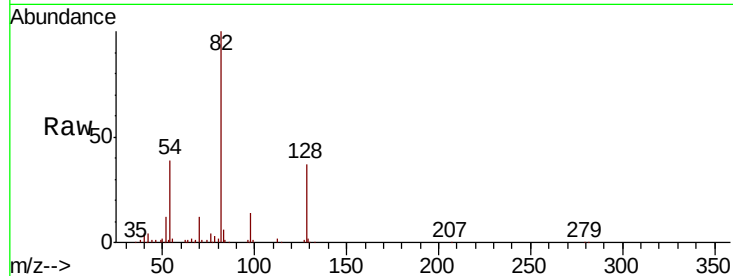




#23
Nitrobenzene-d5
Concen: 13.864 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045288.D
Acq: 8 May 2020 3:19

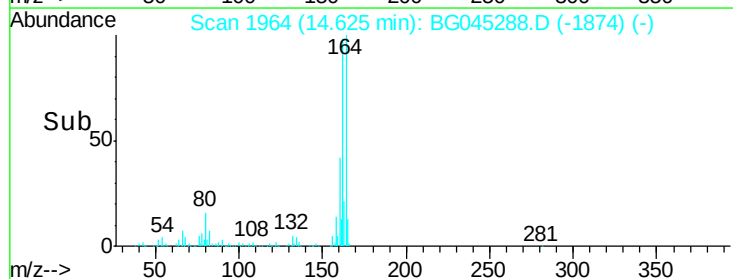
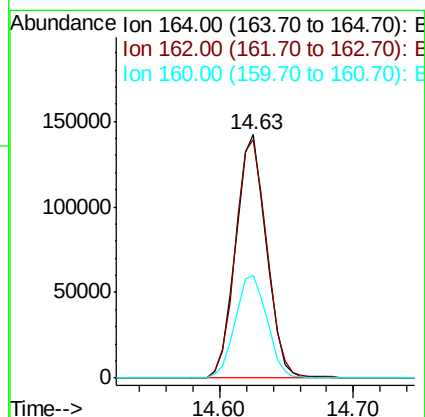
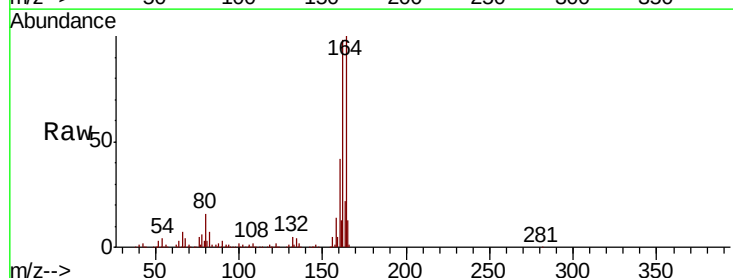
Instrument :
BNA_G
ClientSampleId :
HD-01-050620

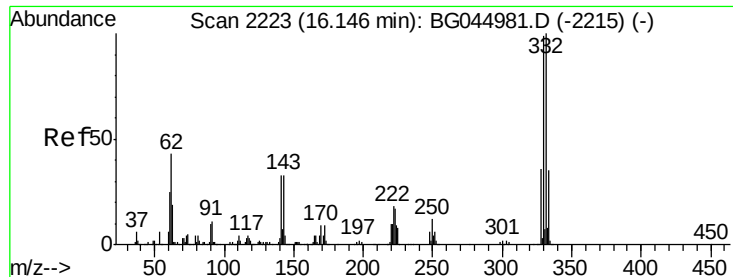
Tot Ion	82	Resp	96804
Ion Ratio	Lower	Upper	
82	100		
128	37.3	33.0	49.4
54	38.9	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045288.D
Acq: 8 May 2020 3:19

Tgt Ion	164	Resp	226275
Ion Ratio	Lower	Upper	
164	100		
162	98.0	78.7	118.1
160	42.4	32.8	49.2

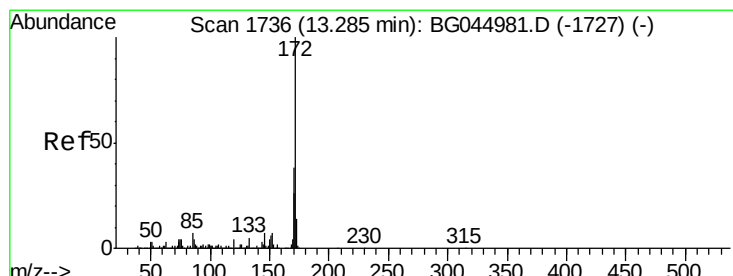
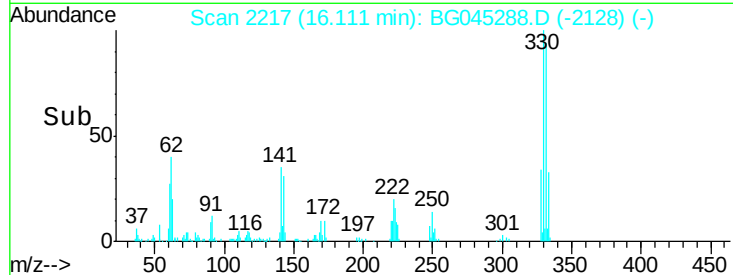
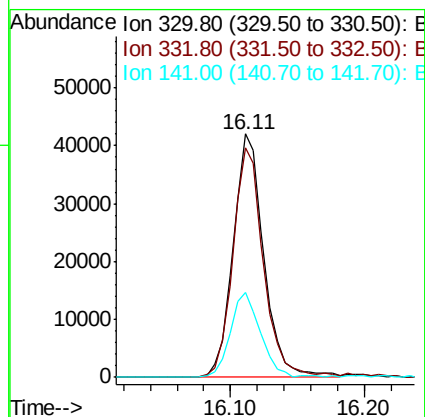
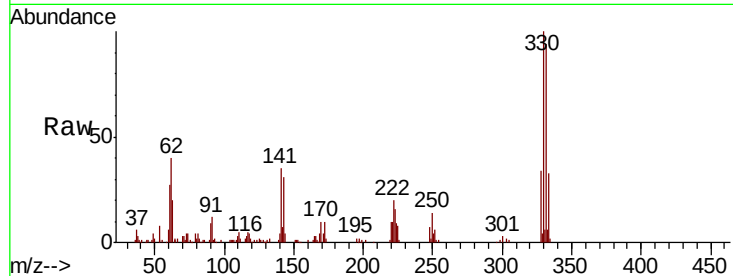




#42
 2,4,6-Tribromophenol
 Concen: 19.177 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG045288.D
 Acq: 8 May 2020 3:19

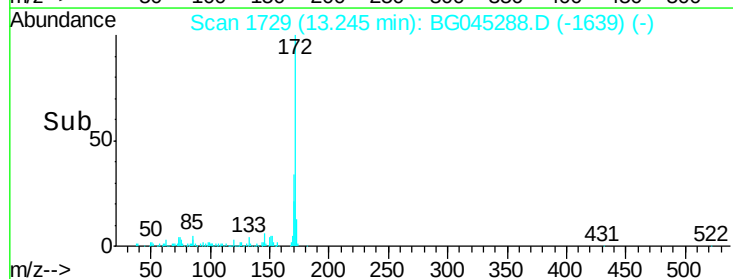
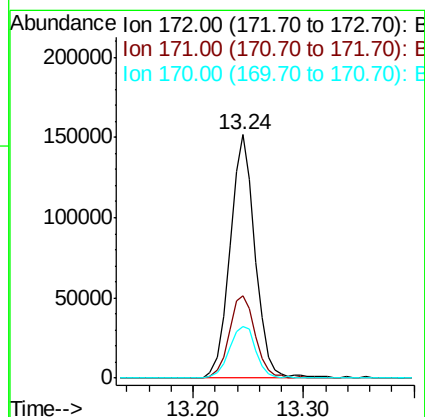
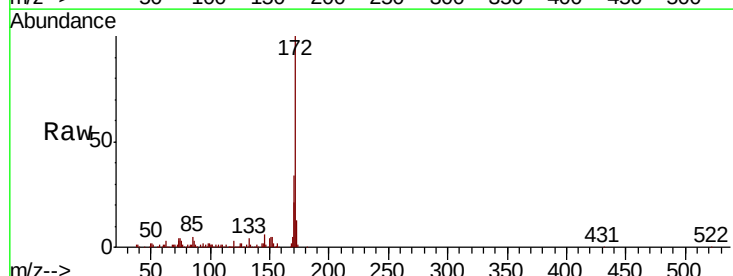
Instrument :
 BNA_G
 ClientSampleId :
 HD-01-050620

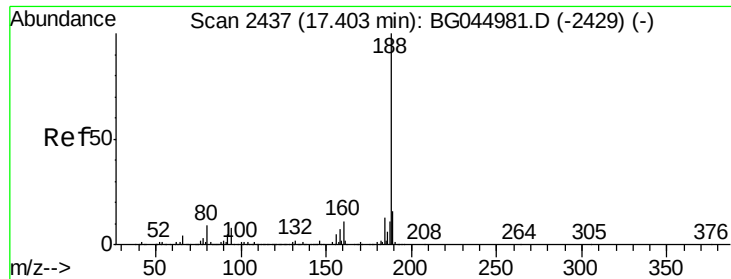
Tot Ion:330 Resp: 67036
 Ion Ratio Lower Upper
 330 100
 332 94.5 79.1 118.7
 141 34.8 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 15.594 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG045288.D
 Acq: 8 May 2020 3:19

Tgt Ion:172 Resp: 240645
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.6 46.0
 170 21.4 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

Instrument :

BNA_G

ClientSampleId :

HD-01-050620

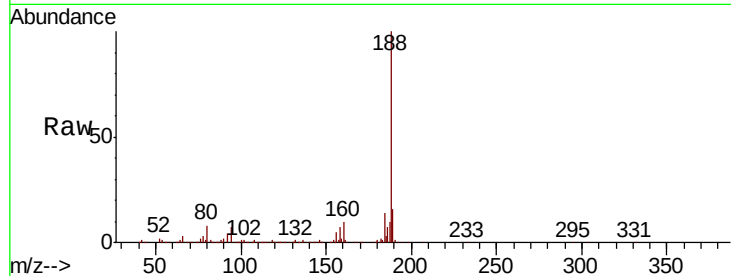
Tot Ion:188 Resp: 479803

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

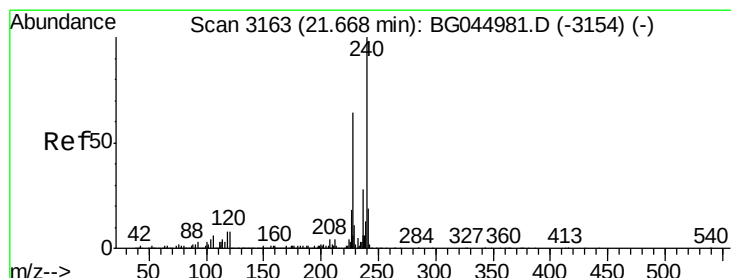
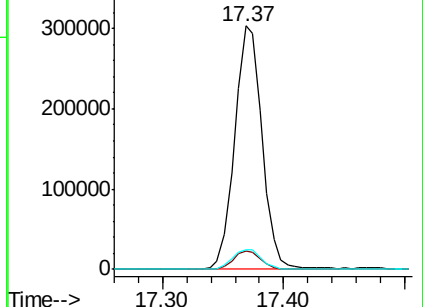
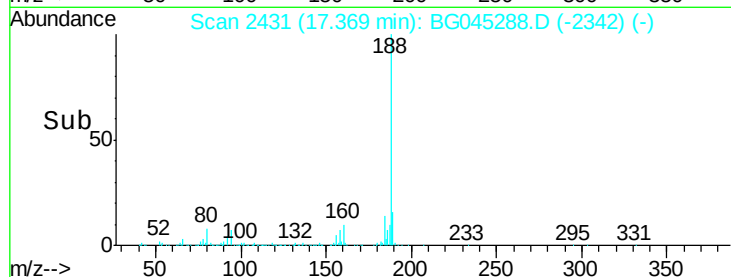
80 8.0 7.0 10.6



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: 21.63 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

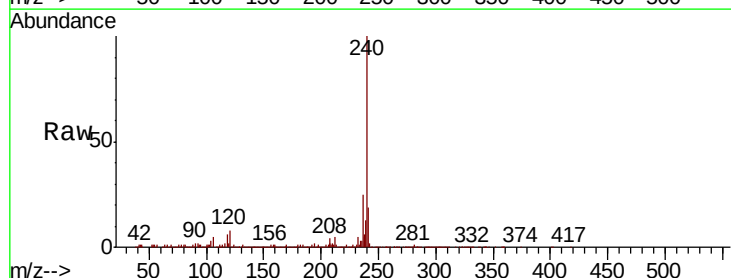
Tgt Ion:240 Resp: 422065

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

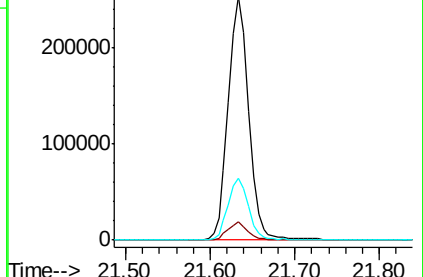
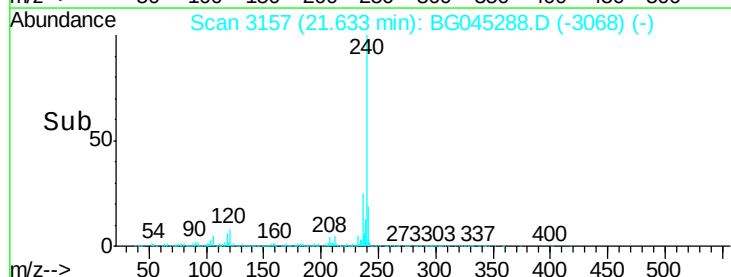
236 25.2 22.2 33.2

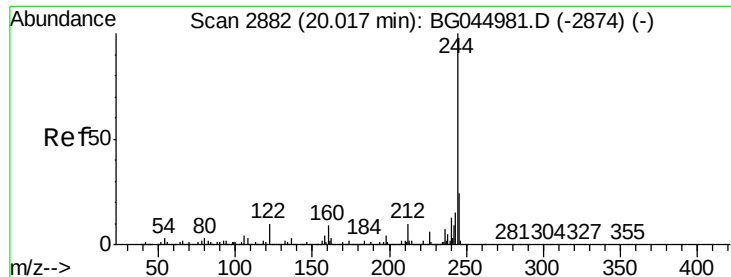


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 18.392 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

Instrument :

BNA_G

ClientSampleId :

HD-01-050620

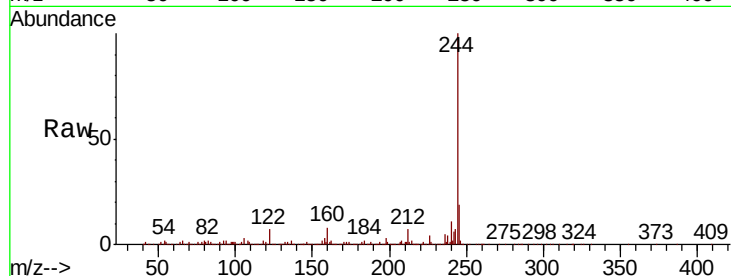
Tot Ion:244 Resp: 356155

Ion Ratio Lower Upper

244 100

212 7.4 7.9 11.9#

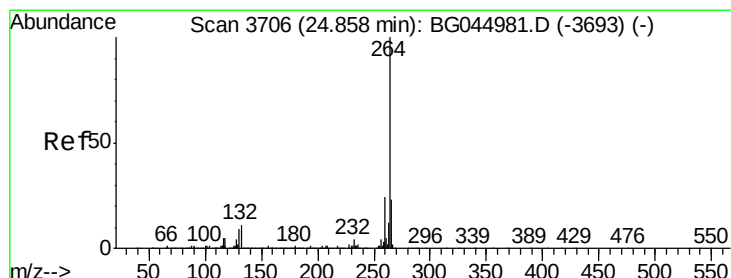
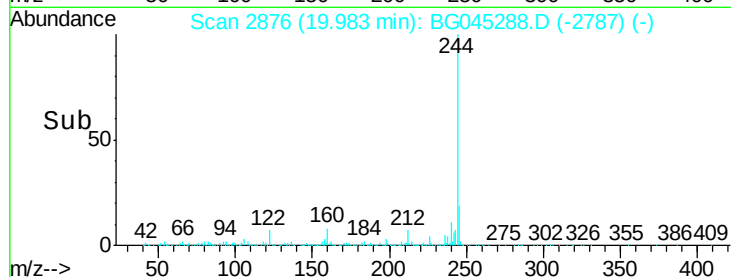
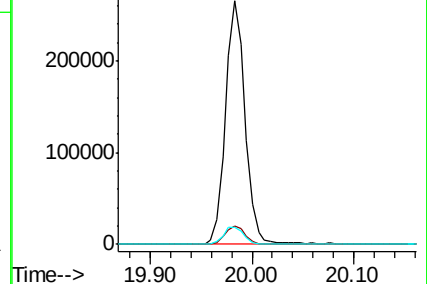
122 7.2 7.7 11.5#



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: 24.80 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG045288.D

Acq: 8 May 2020 3:19

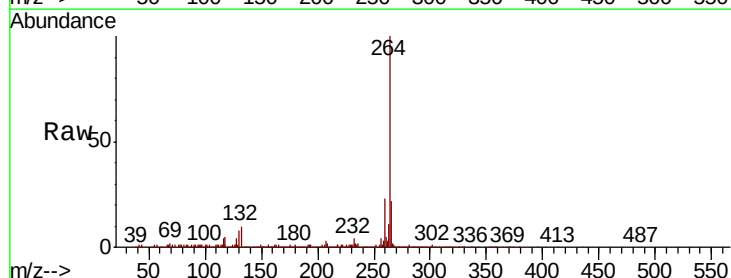
Tgt Ion:264 Resp: 437099

Ion Ratio Lower Upper

264 100

260 23.4 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

