

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045321.D
 Acq On : 12 May 2020 8:42
 Operator : CG/JU
 Sample : L2495-01 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720

Quant Time: May 12 09:22:31 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	7.97	152	87654	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	360203	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	240490	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	513710	20.00	ng	0.00
76) Chrysene-d12	21.63	240	451308	20.00	ng	0.00
87) Perylene-d12	24.80	264	503121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	47313	8.91	ng	0.00
7) Phenol-d6	7.14	99	70074	8.88	ng	0.00
23) Nitrobenzene-d5	9.14	82	48587	6.15	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	30571	8.23	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	116423	7.10	ng	0.00
79) Terphenyl-d14	19.98	244	176494	8.52	ng	0.00

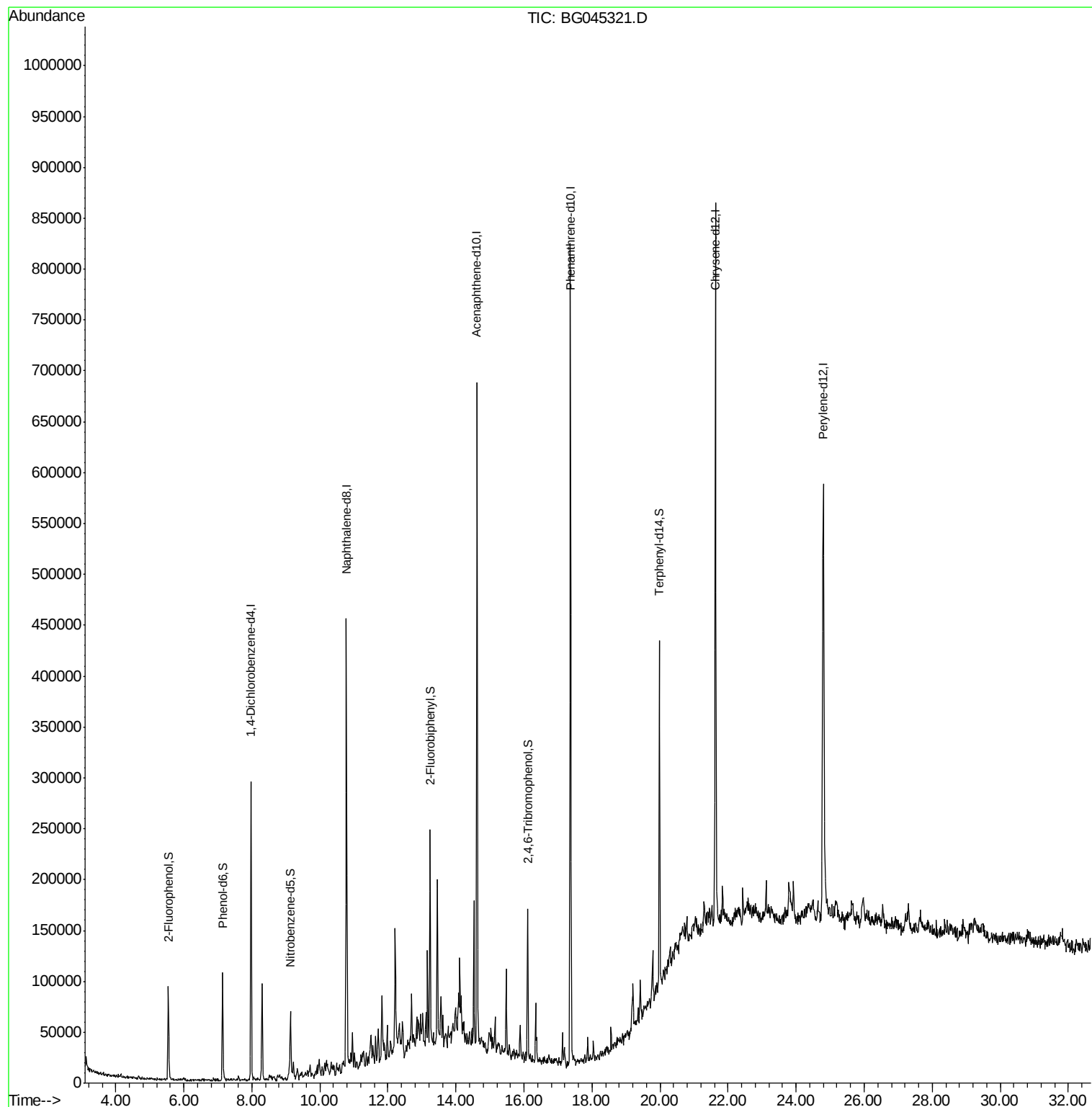
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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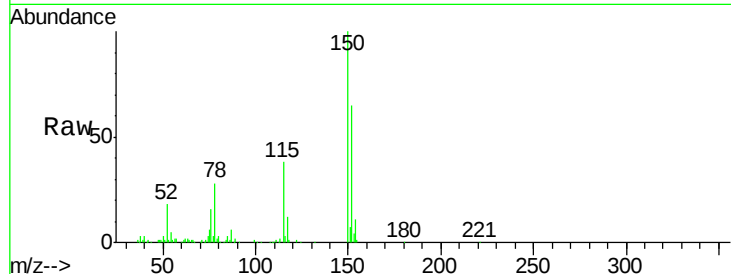


#1

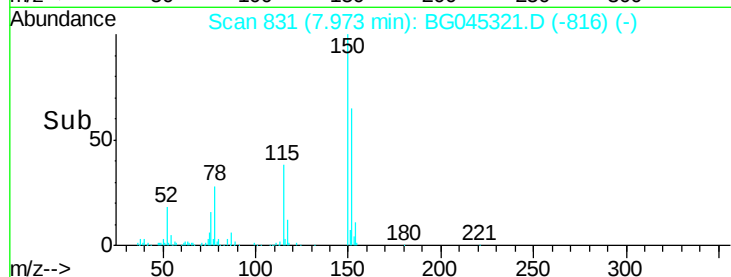
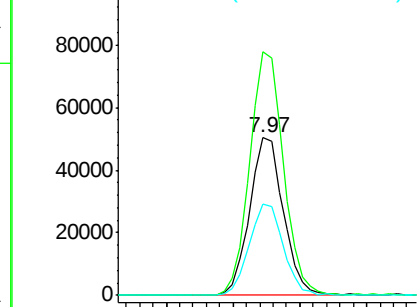
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045321.D
Acq: 12 May 2020 8:42

Instrument :
BNA_G
ClientSampleId :
HR-05-050720

Tgt Ion:152 Resp: 87654
Ion Ratio Lower Upper
152 100
150 154.7 123.6 185.4
115 58.0 49.1 73.7



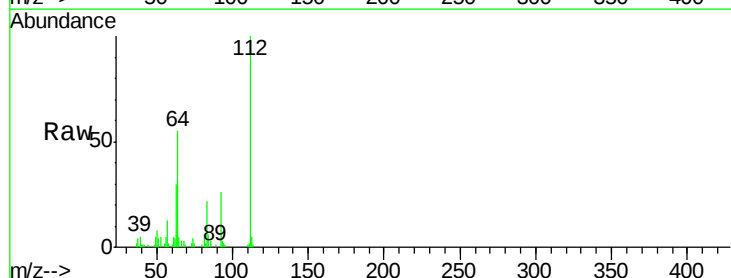
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



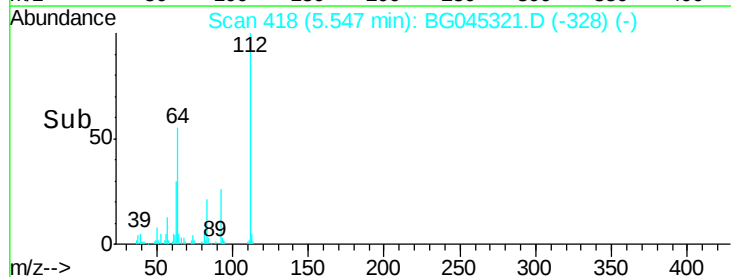
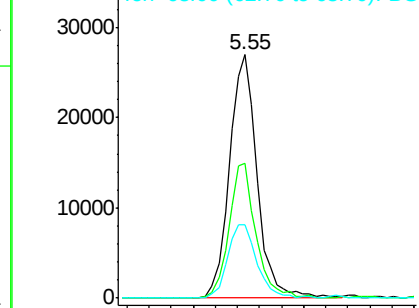
#5

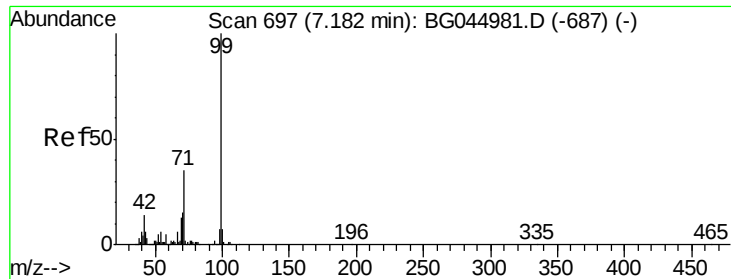
2-Fluorophenol
Concen: 8.91 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045321.D
Acq: 12 May 2020 8:42

Tgt Ion:112 Resp: 47313
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 30.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 8.88 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045321.D

Acq: 12 May 2020 8:42

Instrument :

BNA_G

ClientSampleId :

HR-05-050720

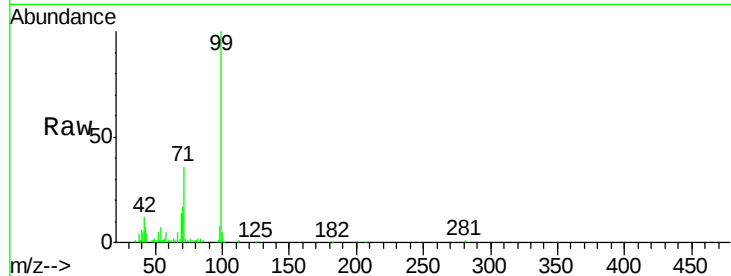
Tgt Ion: 99 Resp: 70074

Ion Ratio Lower Upper

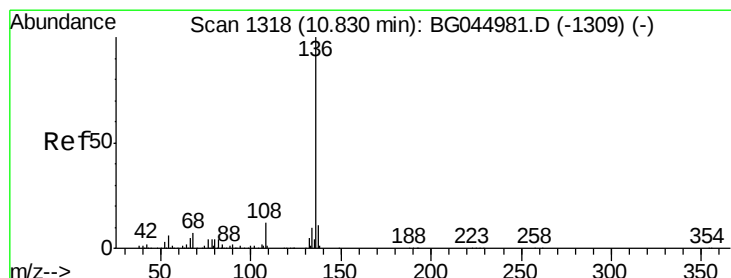
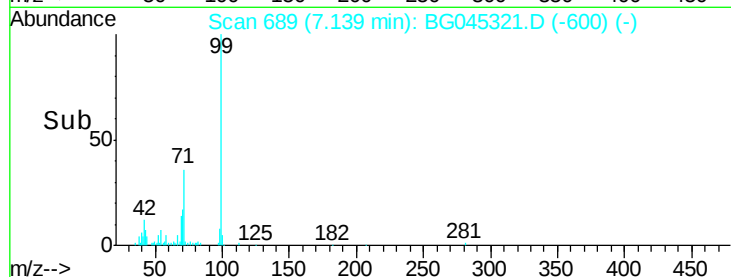
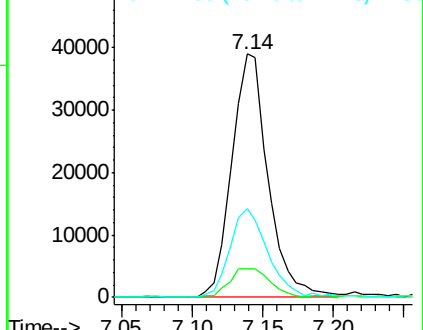
99 100

42 11.9 11.3 16.9

71 36.4 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: 20.00 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045321.D

Acq: 12 May 2020 8:42

Tgt Ion: 136 Resp: 360203

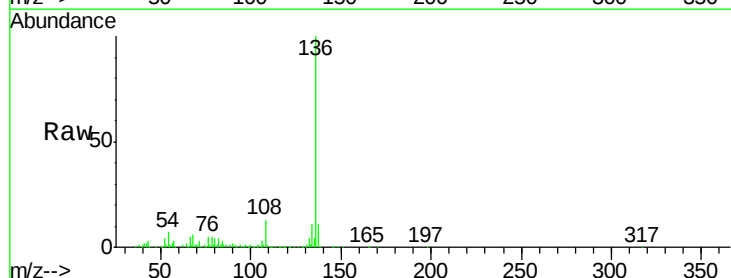
Ion Ratio Lower Upper

136 100

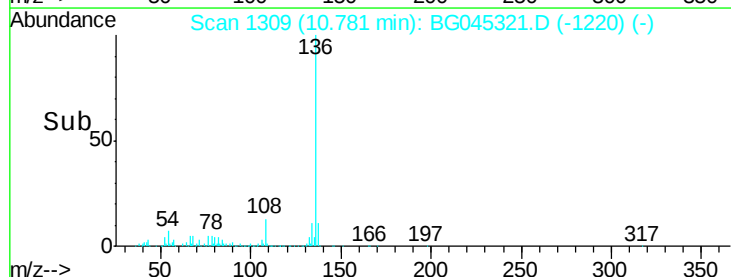
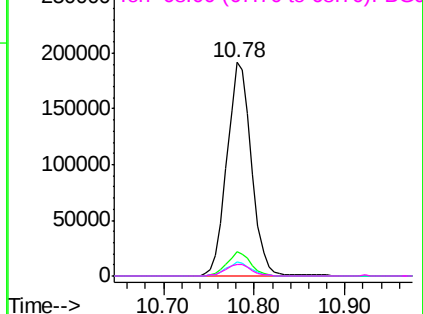
137 11.2 8.6 13.0

54 6.7 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

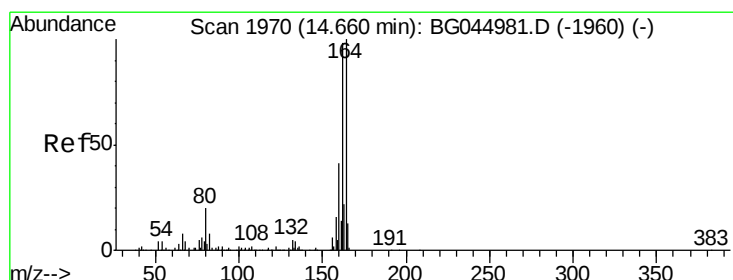
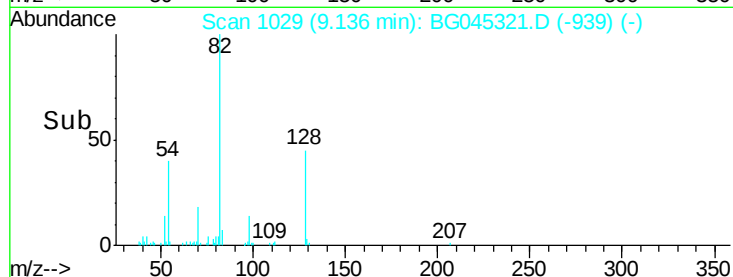
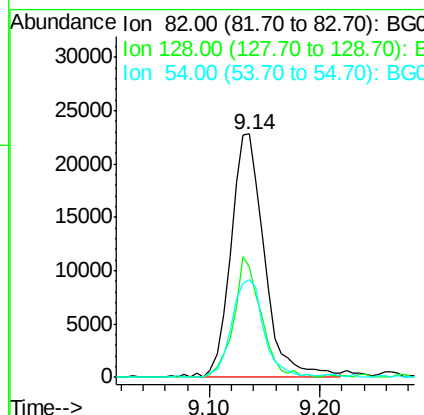
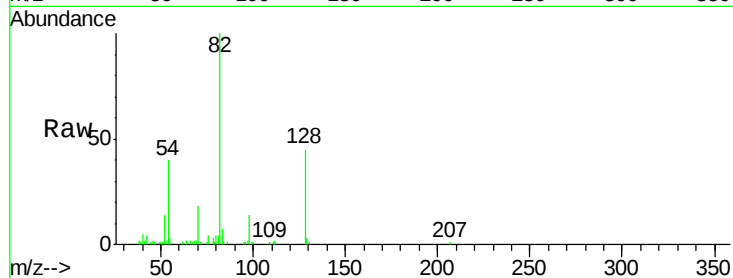




#23
Nitrobenzene-d5
Concen: 6.15 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG045321.D
Acq: 12 May 2020 8:42

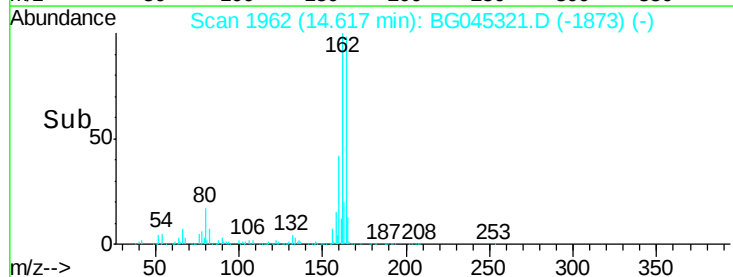
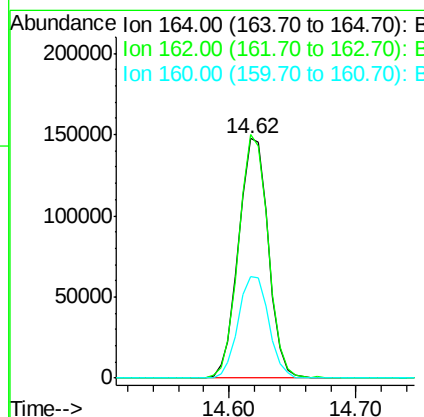
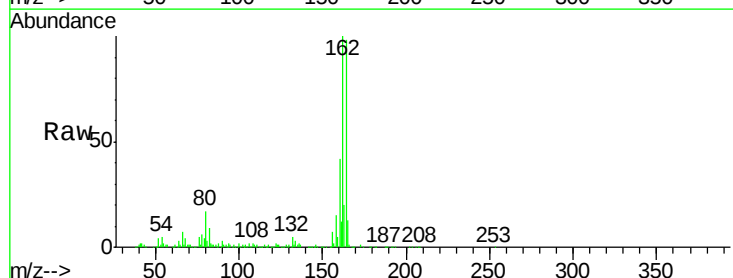
Instrument :
BNA_G
ClientSampleId :
HR-05-050720

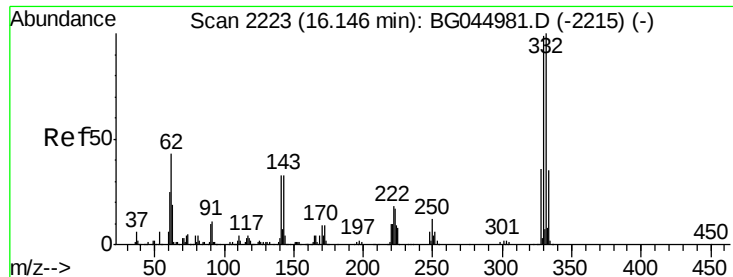
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.0	49.4
54	40.1	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045321.D
Acq: 12 May 2020 8:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.7	118.1
160	42.4	32.8	49.2

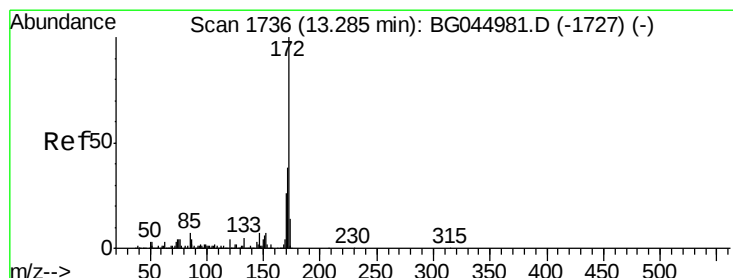
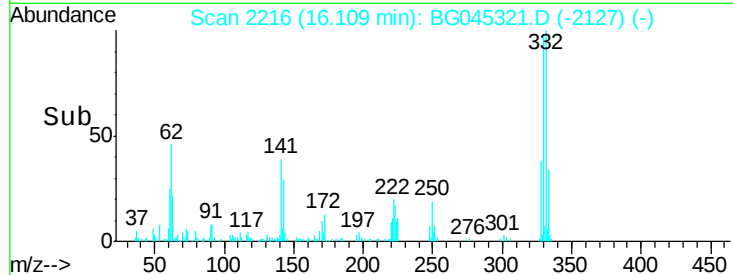
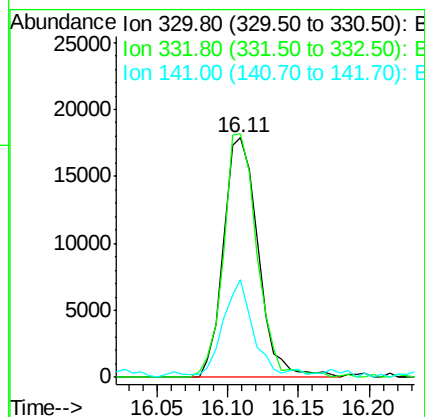
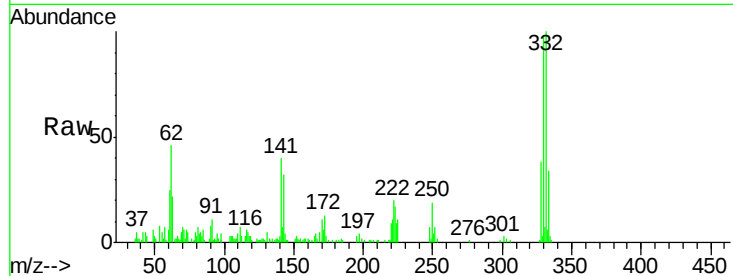




#42
 2,4,6-Tribromophenol
 Concen: 8.23 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045321.D
 Acq: 12 May 2020 8:42

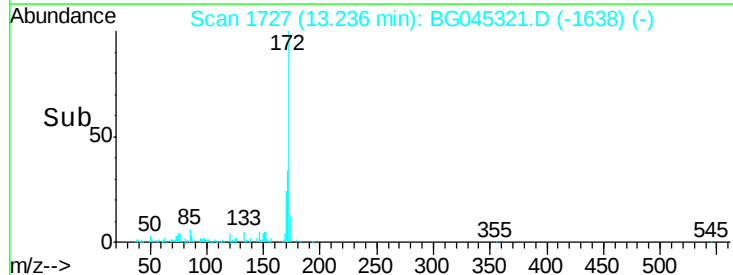
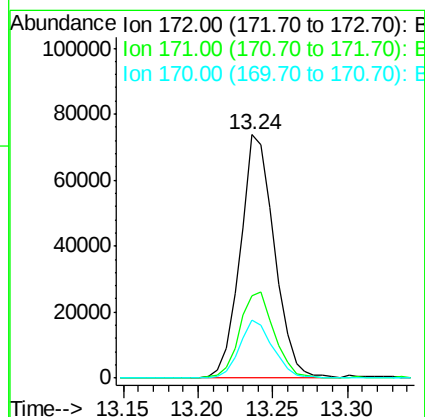
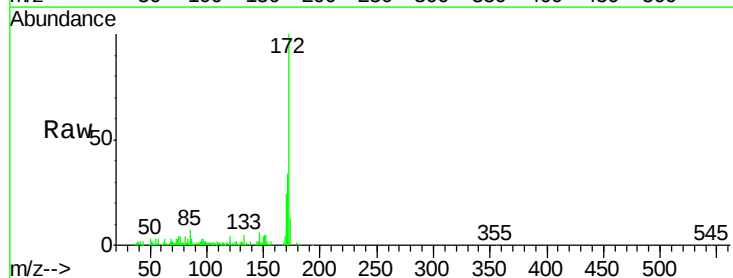
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-050720

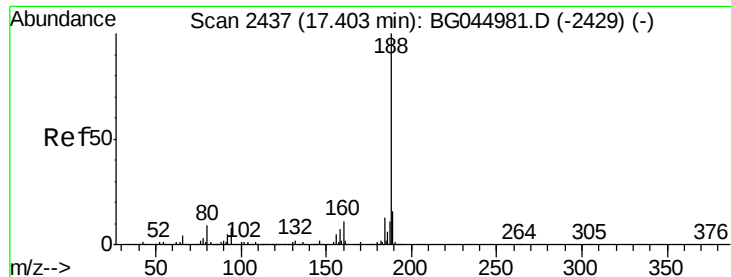
Tgt Ion:	330	Resp:	30571
Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.1	118.7
141	33.7	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 7.10 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045321.D
 Acq: 12 May 2020 8:42

Tgt Ion:	172	Resp:	116423
Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.6	46.0
170	23.8	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045321.D

Acq: 12 May 2020 8:42

Instrument :

BNA_G

ClientSampleId :

HR-05-050720

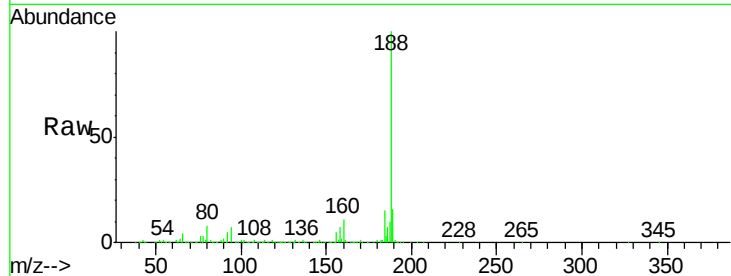
Tgt Ion:188 Resp: 513710

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

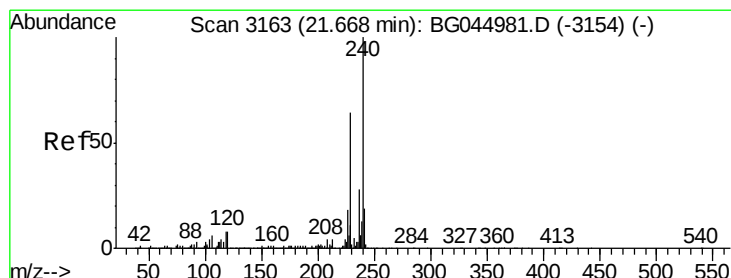
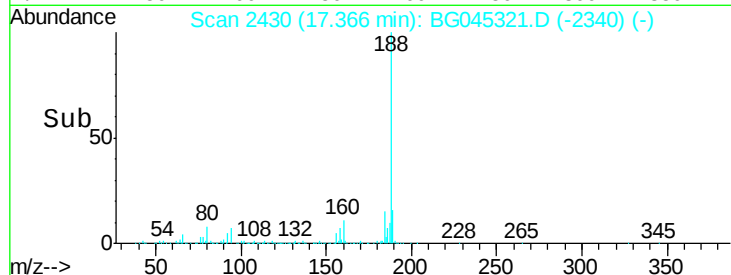
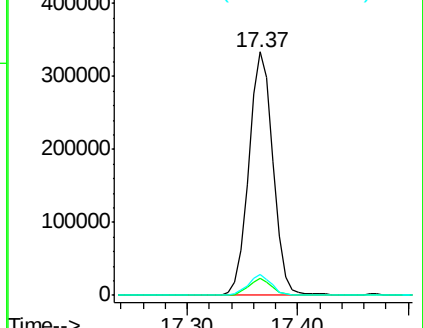
80 8.4 7.0 10.6



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# 3156

Delta R.T. -0.01 min

Lab File: BG045321.D

Acq: 12 May 2020 8:42

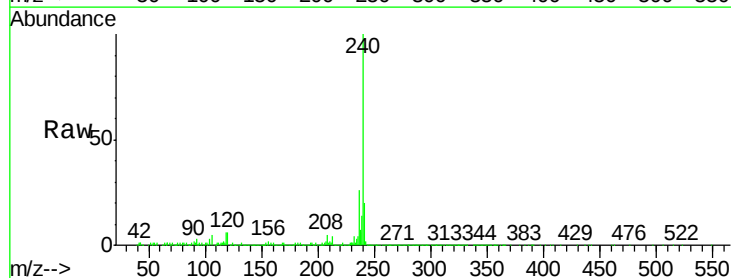
Tgt Ion:240 Resp: 451308

Ion Ratio Lower Upper

240 100

120 5.5 6.6 10.0#

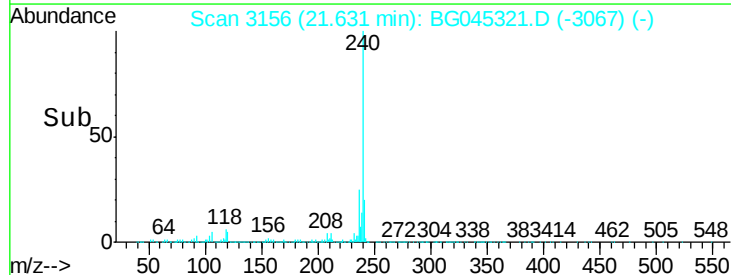
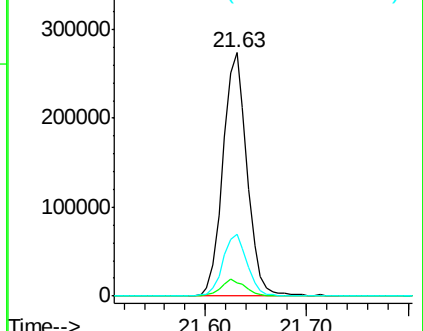
236 25.6 22.2 33.2

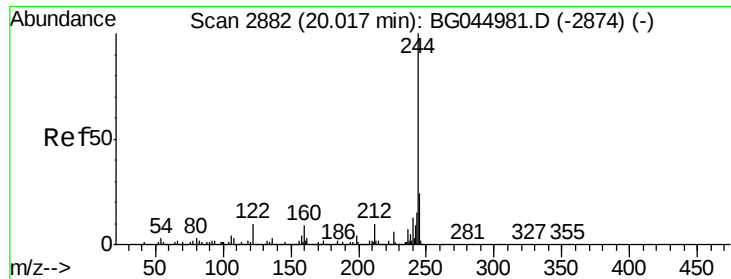


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.52 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045321.D

Acq: 12 May 2020 8:42

Instrument :

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HR-05-050720

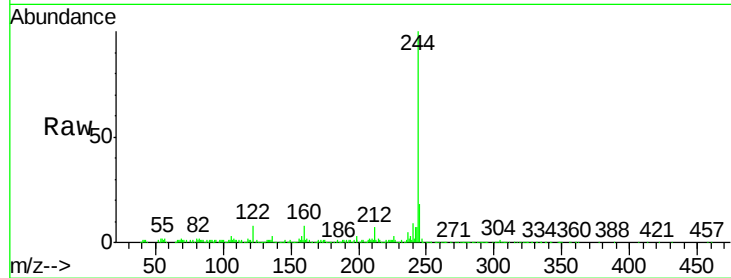
Tgt Ion:244 Resp: 176494

Ion Ratio Lower Upper

244 100

212 7.2 7.9 11.9#

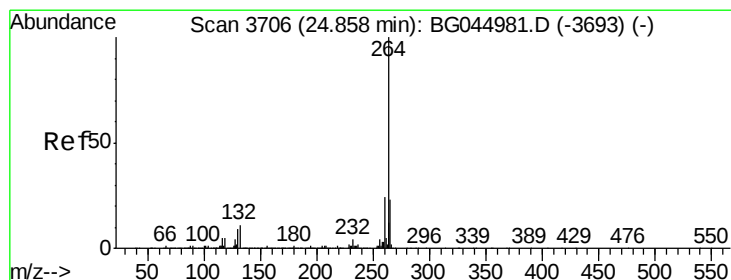
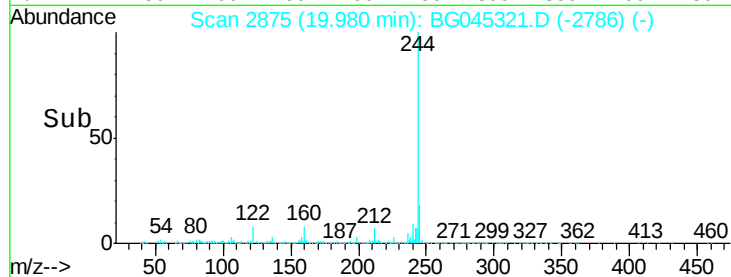
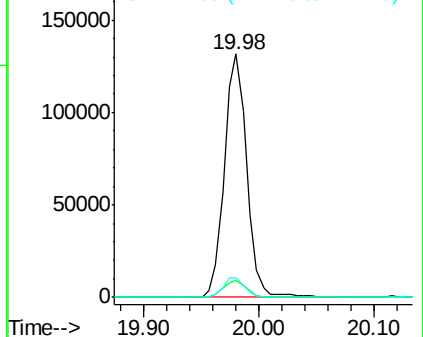
122 8.2 7.7 11.5



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: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG045321.D

Acq: 12 May 2020 8:42

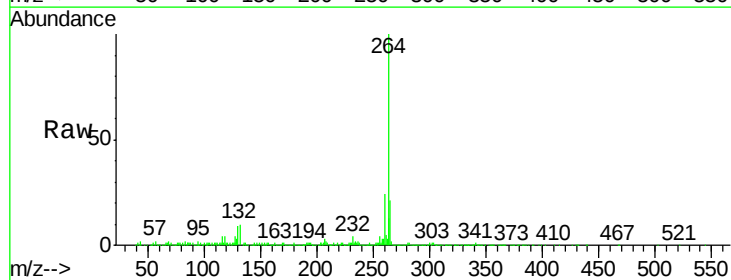
Tgt Ion:264 Resp: 503121

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.3 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

