

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045323.D
 Acq On : 12 May 2020 10:00
 Operator : CG/JU
 Sample : L2506-01 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

Quant Time: May 12 10:42:27 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	85561	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	369190	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	253299	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	525420	20.00	ng	0.00
76) Chrysene-d12	21.63	240	454325	20.00	ng	0.00
87) Perylene-d12	24.80	264	508043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	33364	6.44	ng	0.00
7) Phenol-d6	7.14	99	51274	6.66	ng	0.00
23) Nitrobenzene-d5	9.14	82	34504	4.26	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	23317	5.96	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	89809	5.20	ng	0.00
79) Terphenyl-d14	19.98	244	128563	6.17	ng	0.00

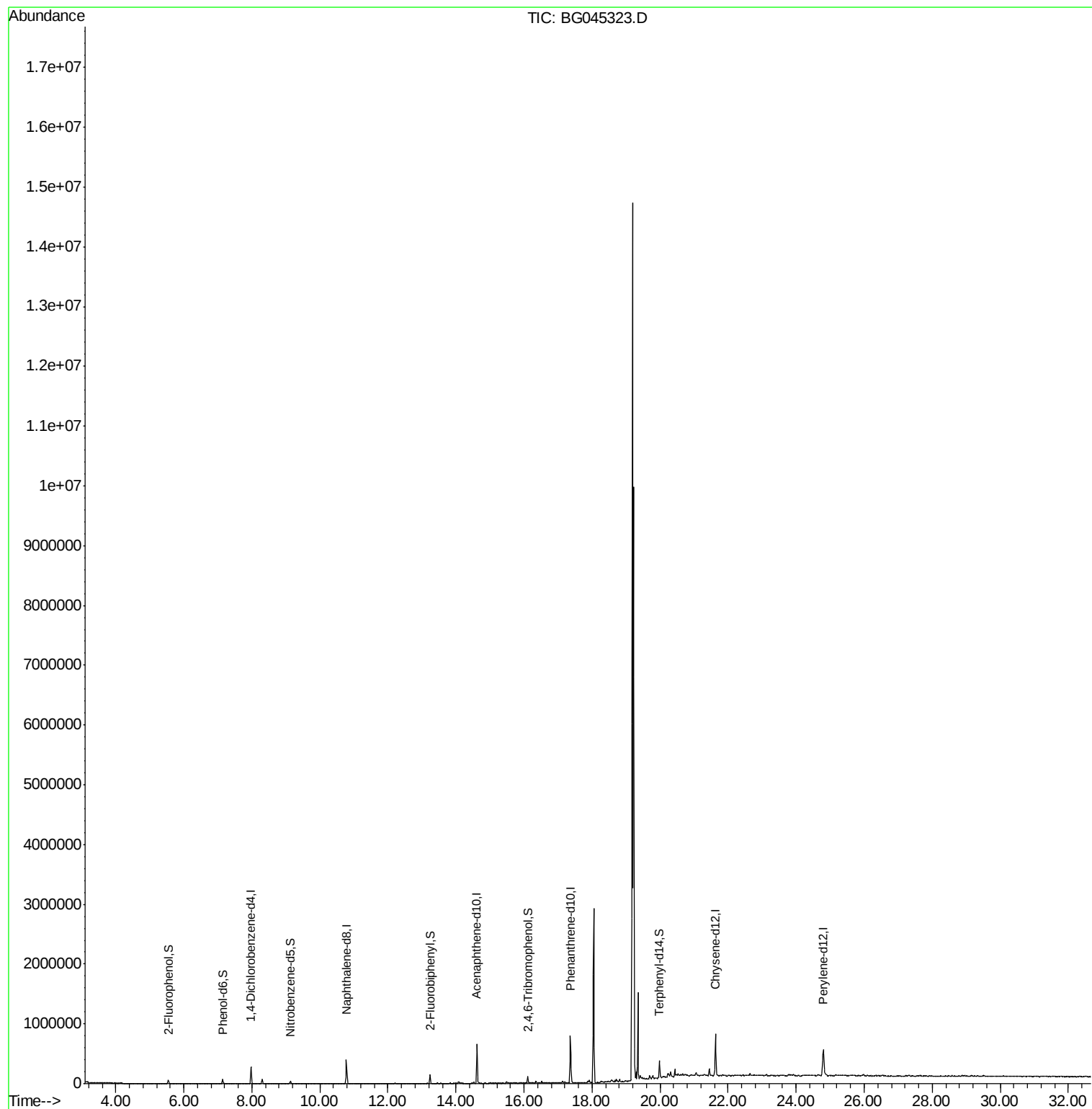
Target Compounds	Qvalue
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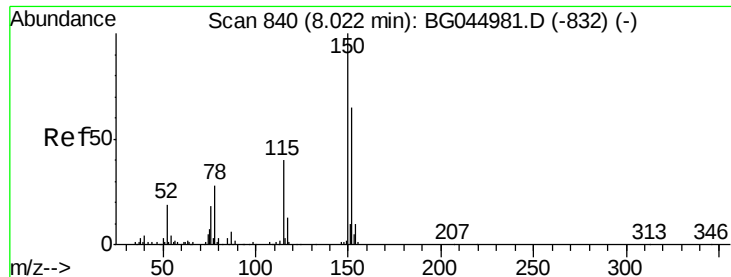
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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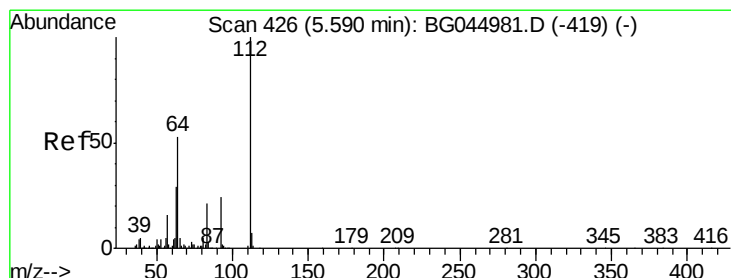
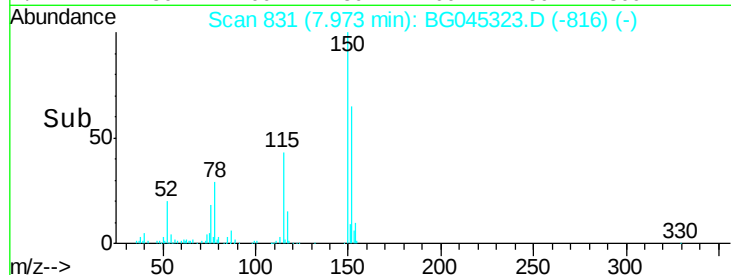
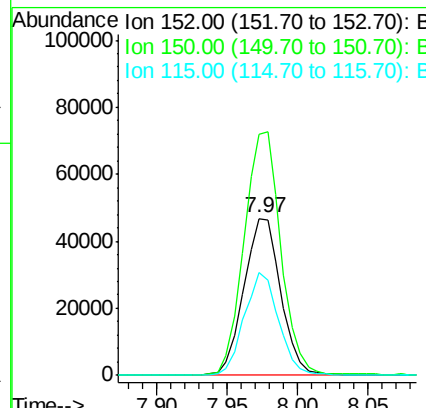
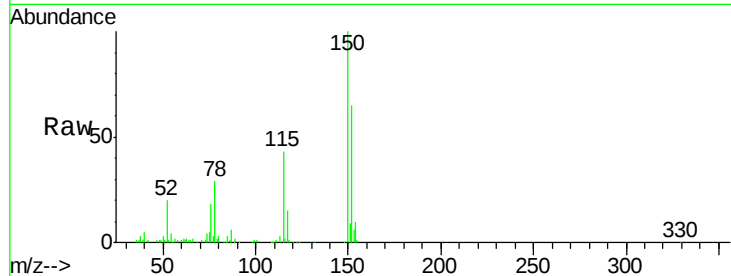


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045323.D
Acq: 12 May 2020 10:00

Instrument :
BNA_G
ClientSampleId :
TR-04-050720

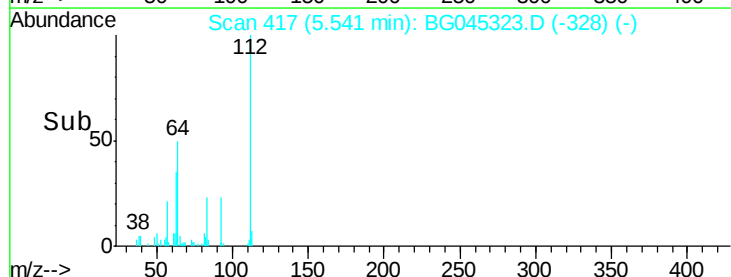
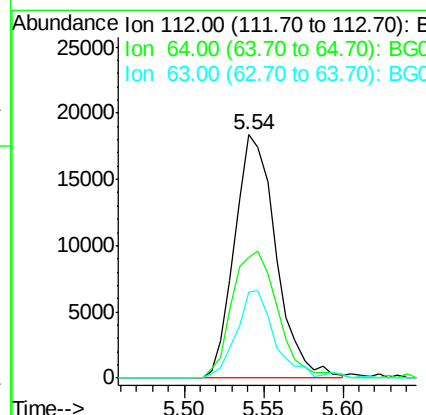
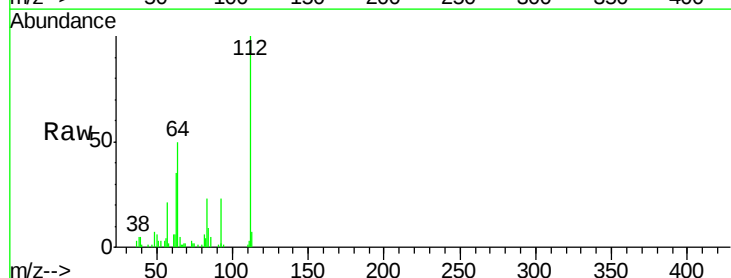
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.6	185.4
115	65.7	49.1	73.7

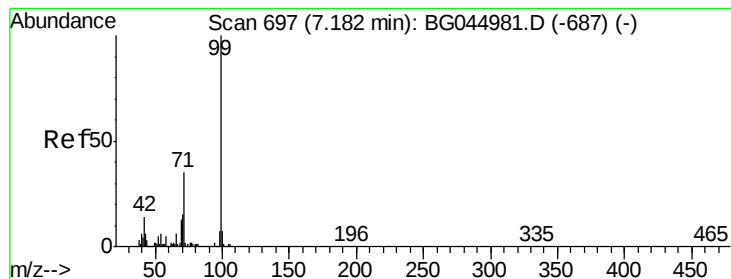


#5

2-Fluorophenol
Concen: 6.44 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.01 min
Lab File: BG045323.D
Acq: 12 May 2020 10:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	42.4	63.6
63	35.2	23.1	34.7





#7

Phenol-d6

Concen: 6.66 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045323.D

Acq: 12 May 2020 10:00

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

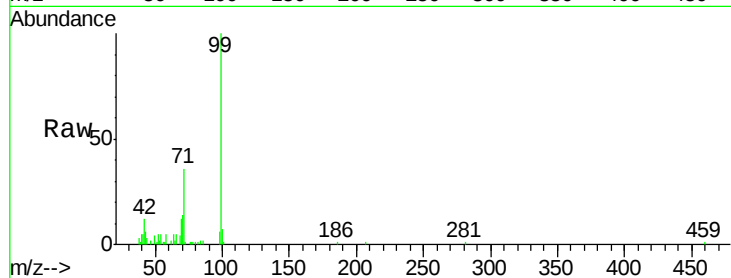
Tgt Ion: 99 Resp: 51274

Ion Ratio Lower Upper

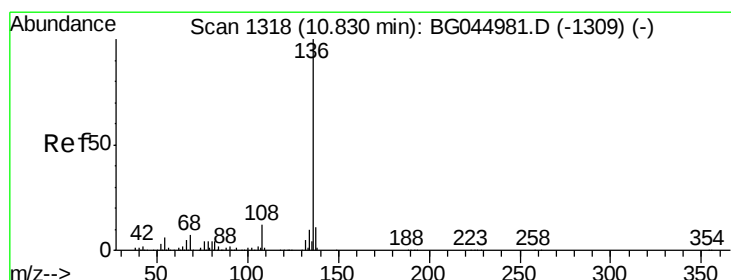
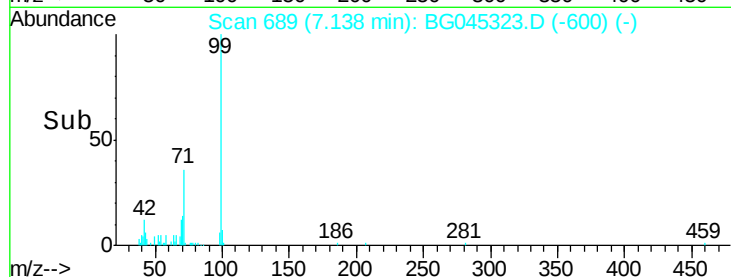
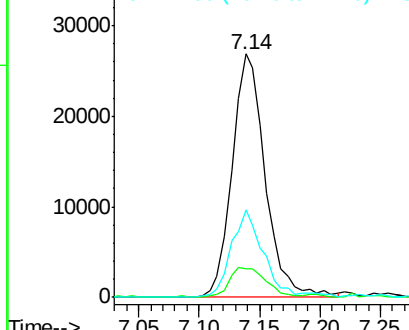
99 100

42 11.9 11.3 16.9

71 36.0 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: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045323.D

Acq: 12 May 2020 10:00

Tgt Ion: 136 Resp: 369190

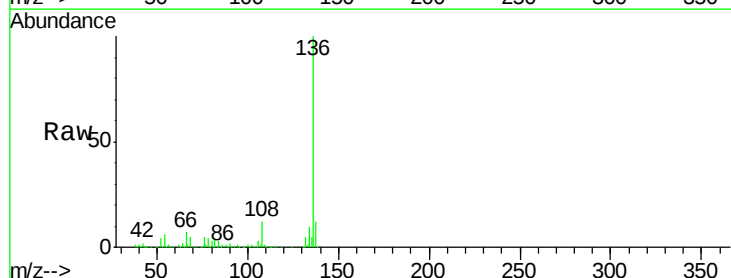
Ion Ratio Lower Upper

136 100

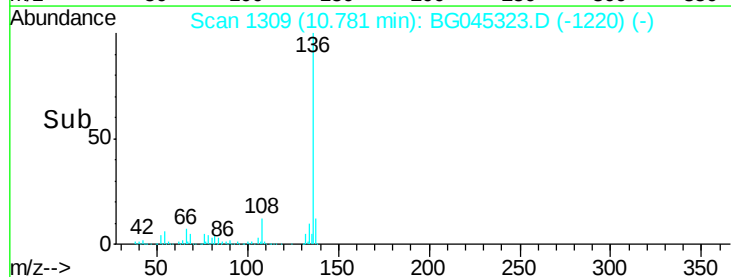
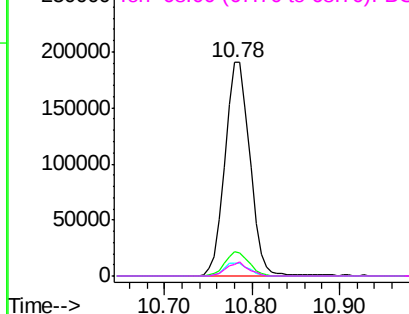
137 11.6 8.6 13.0

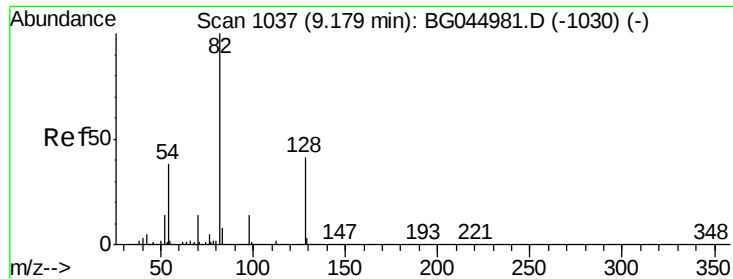
54 5.8 4.8 7.2

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

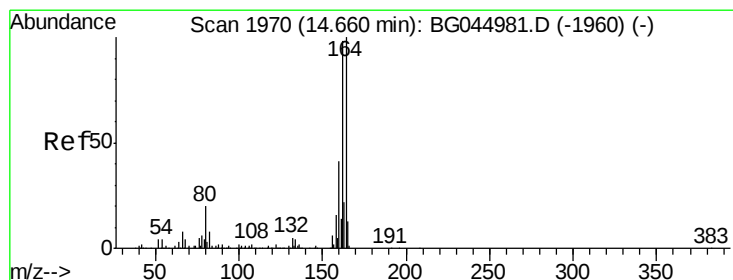
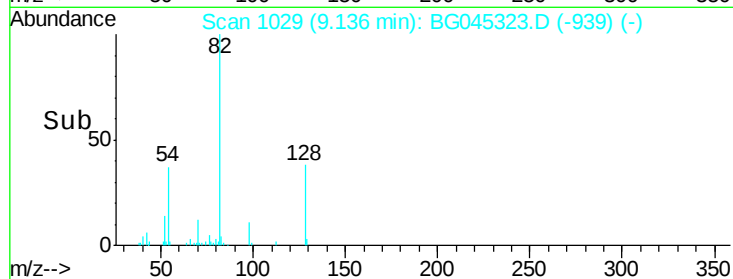
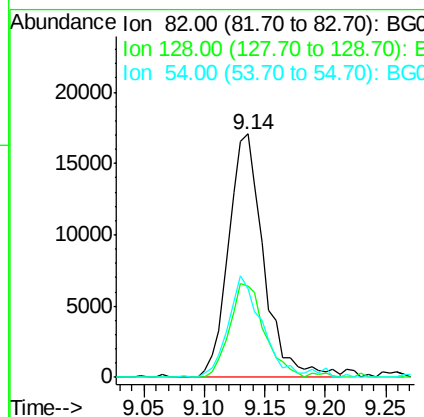
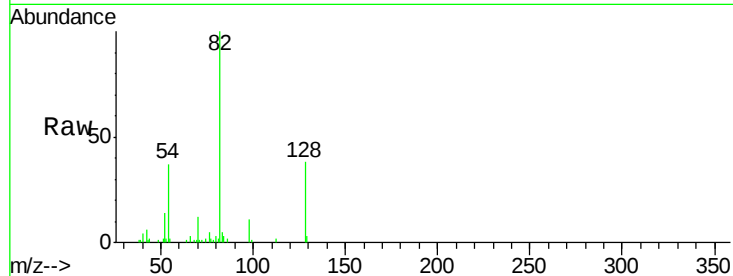




#23
 Nitrobenzene-d5
 Concen: 4.26 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045323.D
 Acq: 12 May 2020 10:00

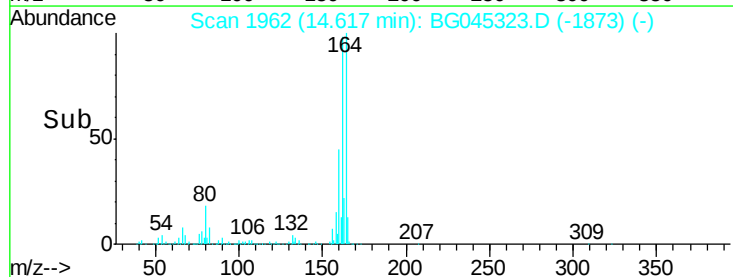
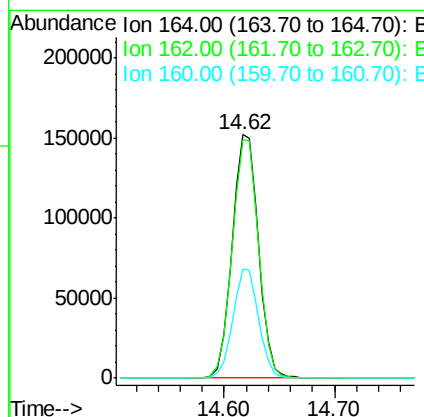
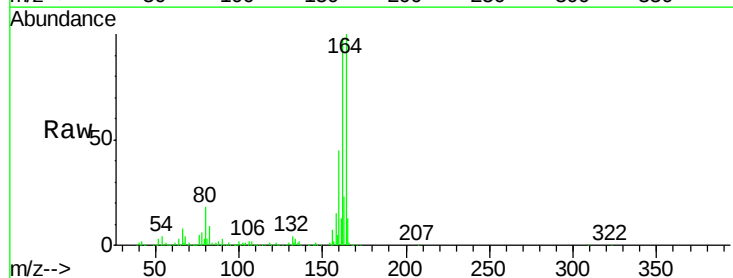
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

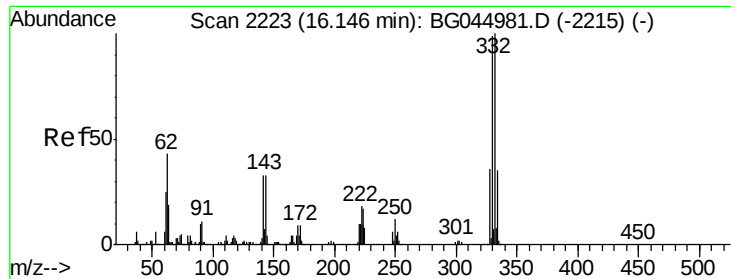
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	33.0	49.4
54	36.6	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045323.D
 Acq: 12 May 2020 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.7	118.1
160	44.9	32.8	49.2





#42

2,4,6-Tribromophenol

Concen: 5.96 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG045323.D

Acq: 12 May 2020 10:00

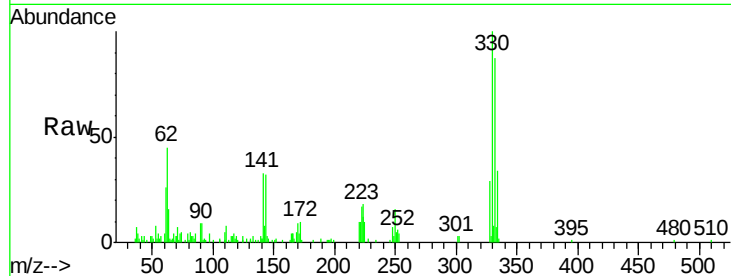
Instrument :

BNA_G

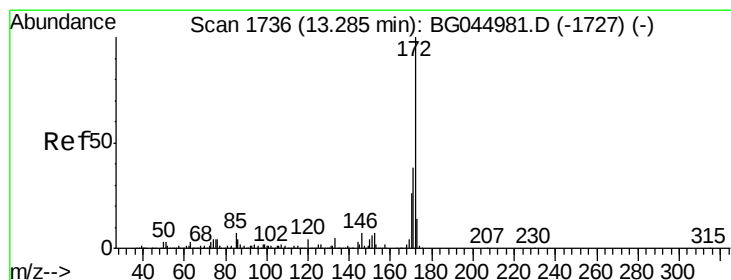
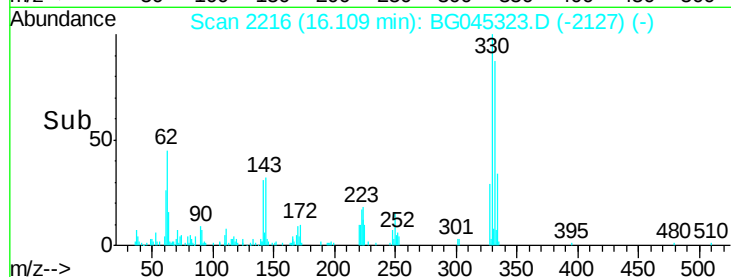
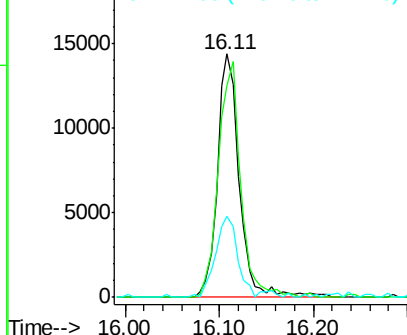
ClientSampleId :

TR-04-050720

Tgt Ion:	330	Resp:	23317
Ion Ratio	Lower	Upper	
330	100		
332	99.4	79.1	118.7
141	33.5	27.1	40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 5.20 ng

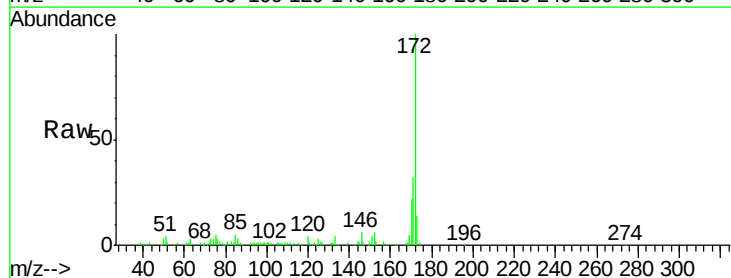
RT: 13.24 min Scan# 1728

Delta R.T. -0.00 min

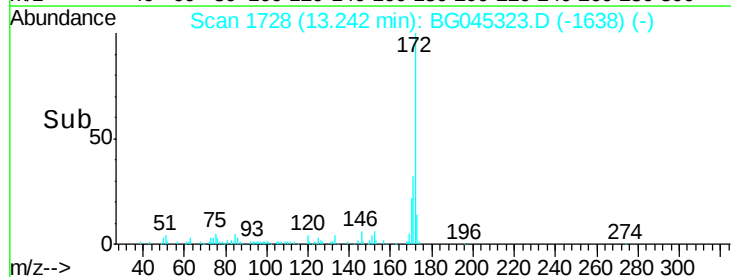
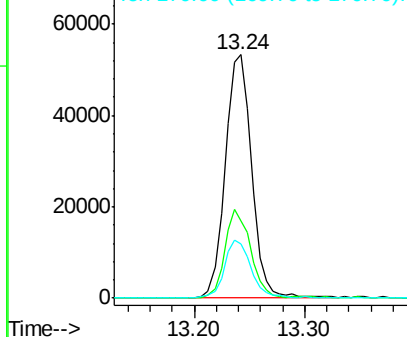
Lab File: BG045323.D

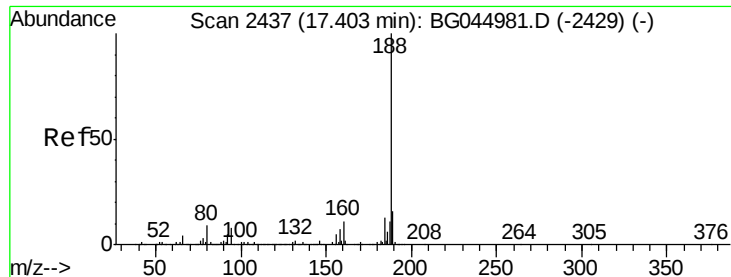
Acq: 12 May 2020 10:00

Tgt Ion:	172	Resp:	89809
Ion Ratio	Lower	Upper	
172	100		
171	31.8	30.6	46.0
170	22.0	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045323.D

Acq: 12 May 2020 10:00

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

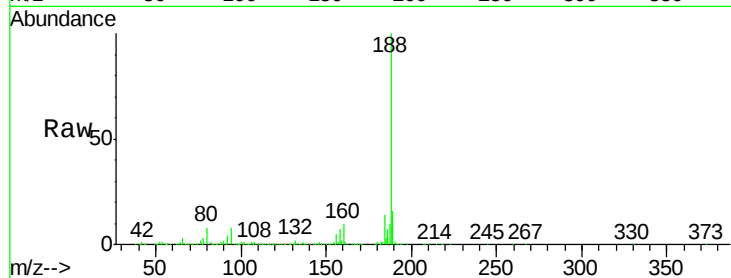
Tgt Ion:188 Resp: 525420

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

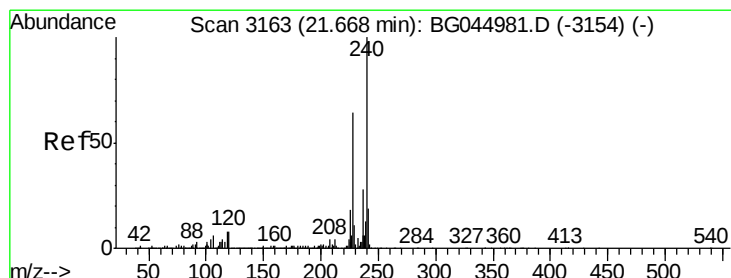
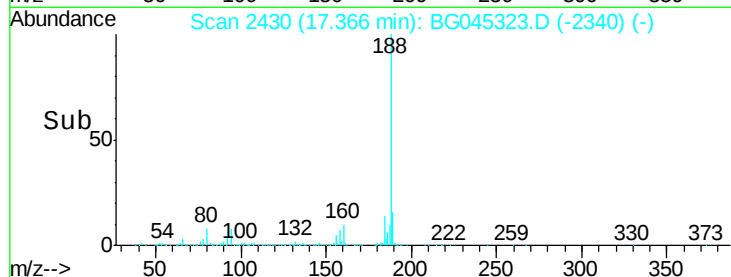
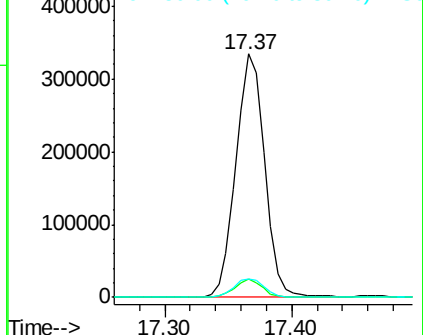
80 7.6 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG045323.D

Acq: 12 May 2020 10:00

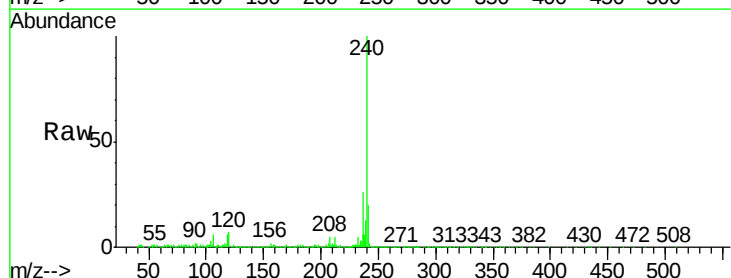
Tgt Ion:240 Resp: 454325

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

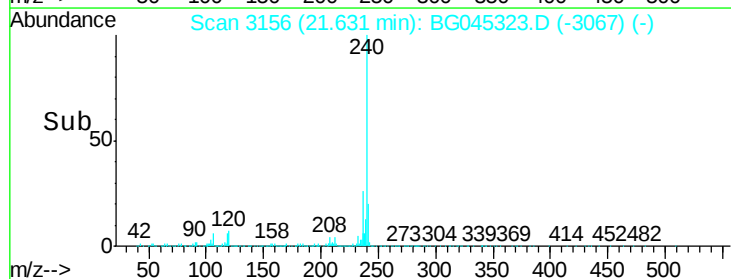
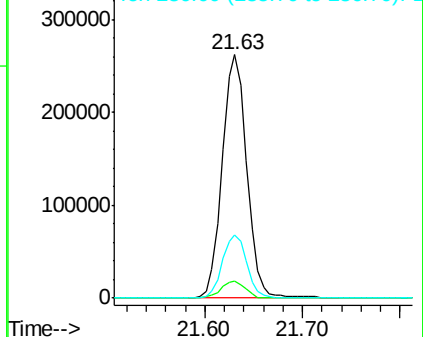
236 26.2 22.2 33.2

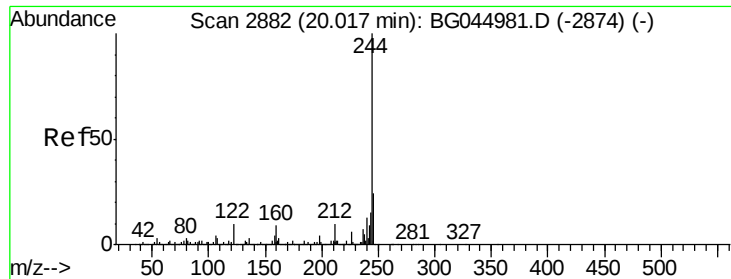


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 6.17 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045323.D

Acq: 12 May 2020 10:00

Instrument :

BNA_G

ClientSampleId :

TR-04-050720

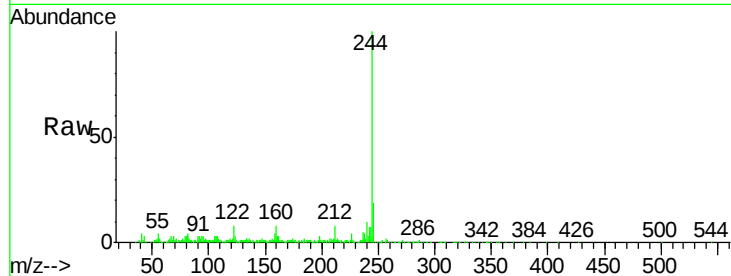
Tgt Ion:244 Resp: 128563

Ion Ratio Lower Upper

244 100

212 7.6 7.9 11.9#

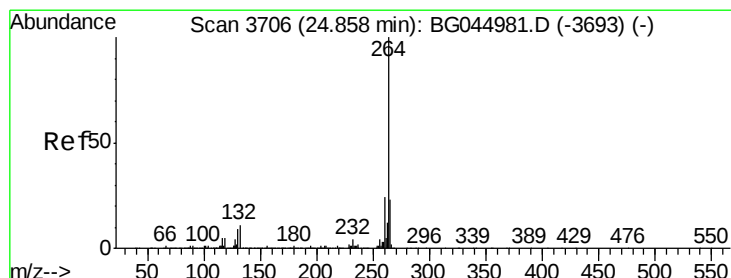
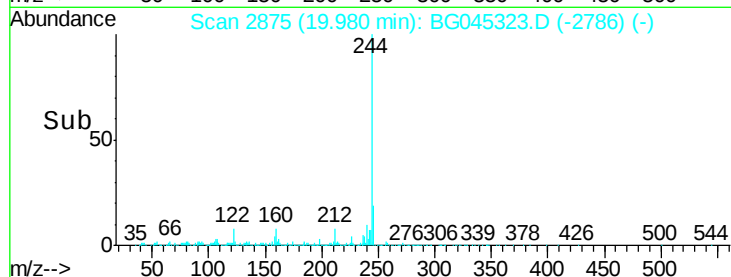
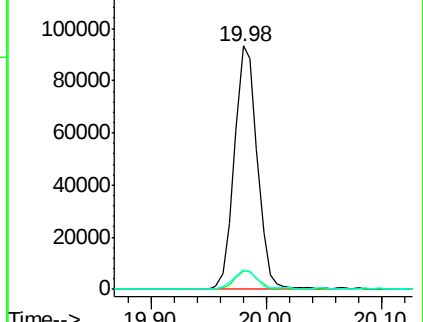
122 7.9 7.7 11.5



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: BG045323.D

Acq: 12 May 2020 10:00

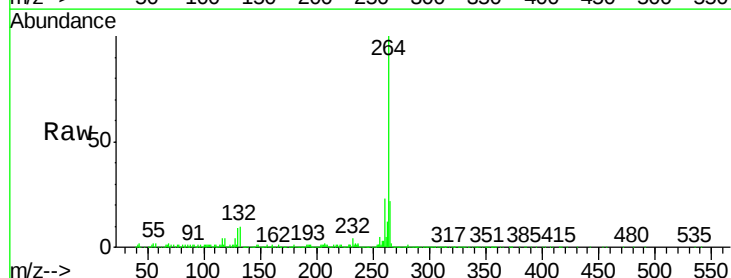
Tgt Ion:264 Resp: 508043

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.9 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

