

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045322.D
 Acq On : 12 May 2020 9:21
 Operator : CG/JU
 Sample : L2503-01 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050720

Quant Time: May 12 10:04:45 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	86969	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	371607	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	267634	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	549931	20.00	ng	0.00
76) Chrysene-d12	21.63	240	467084	20.00	ng	0.00
87) Perylene-d12	24.80	264	501731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	31334	5.95	ng	0.00
7) Phenol-d6	7.14	99	49770	6.36	ng	0.00
23) Nitrobenzene-d5	9.14	82	36253	4.45	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	23437	5.67	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	95134	5.21	ng	0.00
79) Terphenyl-d14	19.98	244	138609	6.47	ng	0.00

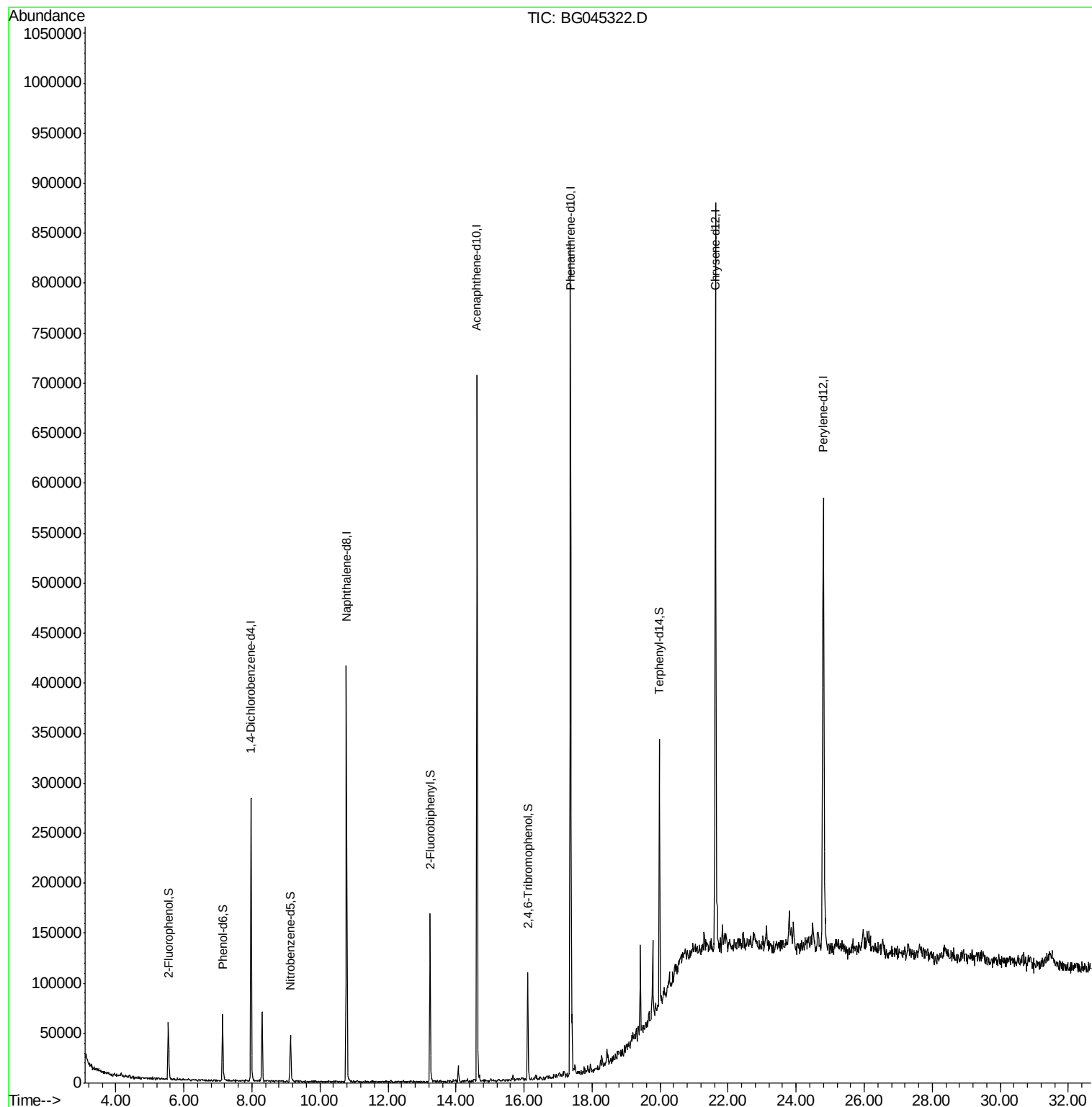
Target Compounds	Qvalue
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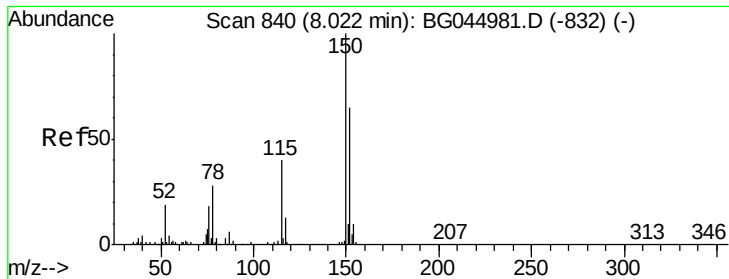
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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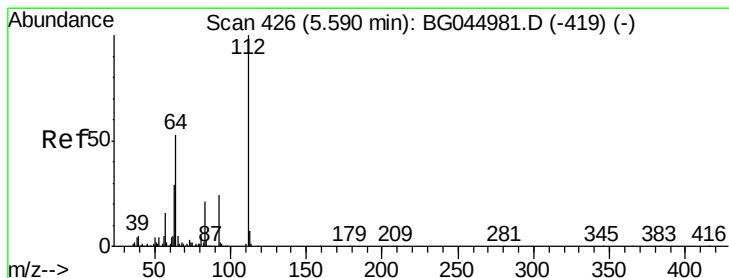
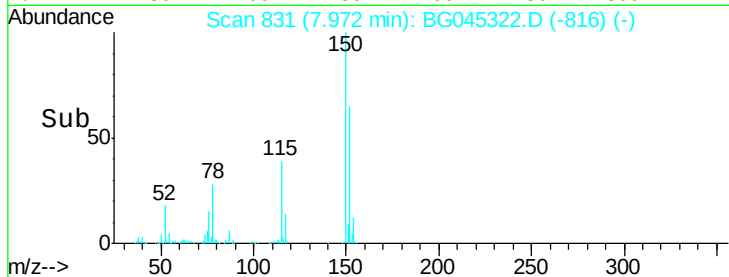
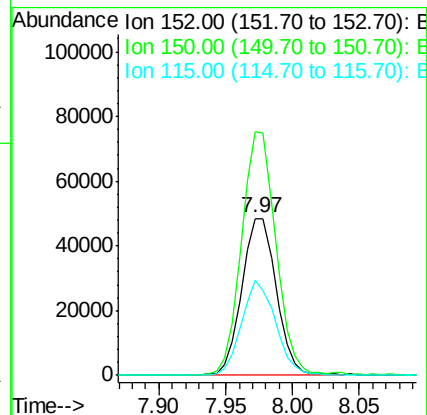
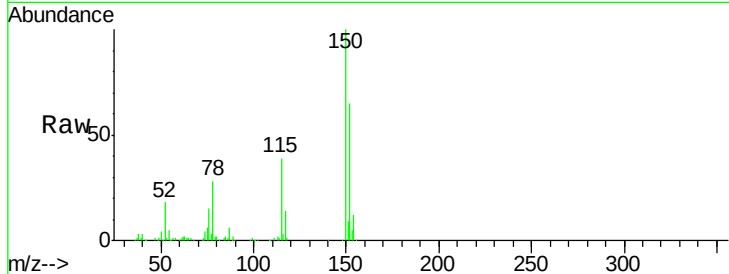


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG045322.D
 Acq: 12 May 2020 9:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050720

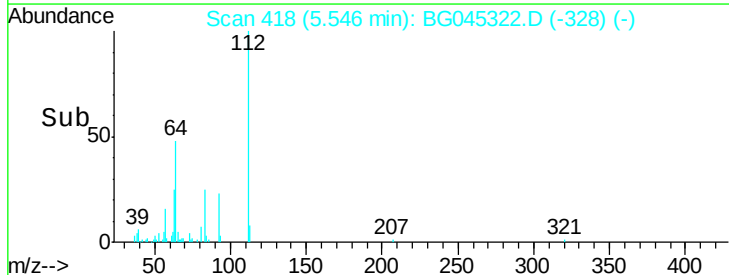
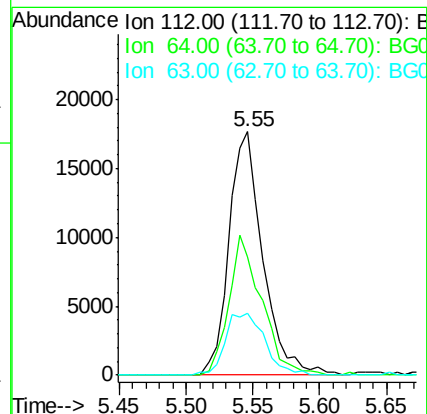
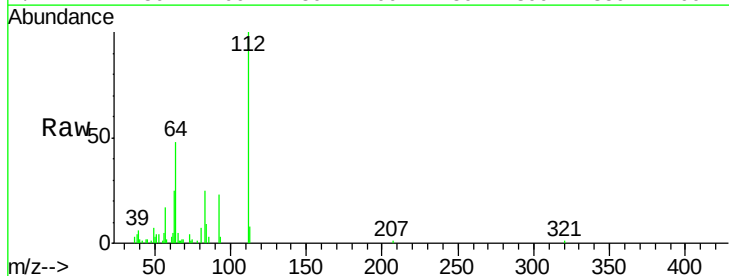
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.6	185.4
115	60.7	49.1	73.7

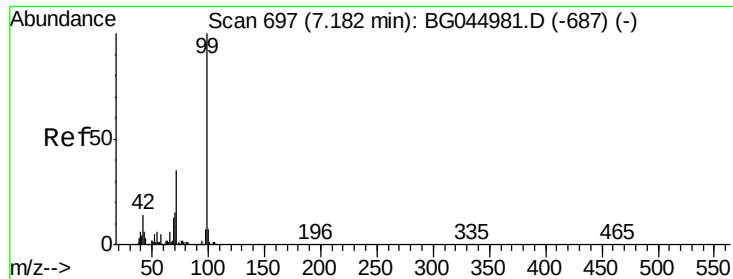


#5

2-Fluorophenol
 Concen: 5.95 ng
 RT: 5.55 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BG045322.D
 Acq: 12 May 2020 9:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.3	42.4	63.6
63	25.2	23.1	34.7





#7

Phenol-d6

Concen: 6.36 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045322.D

Acq: 12 May 2020 9:21

Instrument :

BNA_G

ClientSampleId :

OR-03-050720

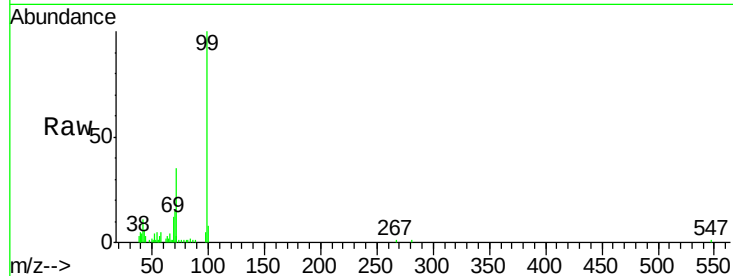
Tgt Ion: 99 Resp: 49770

Ion Ratio Lower Upper

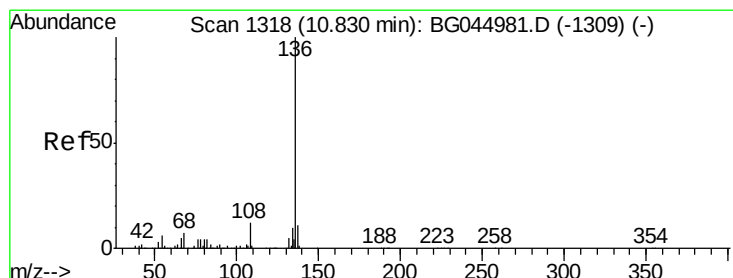
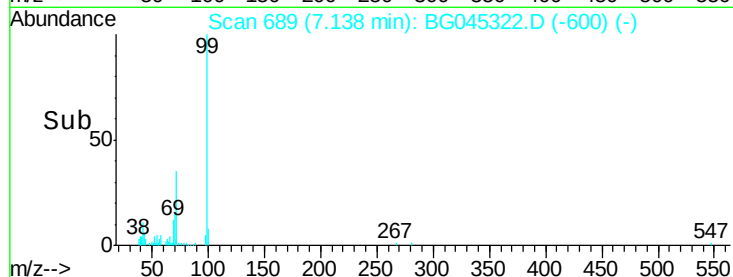
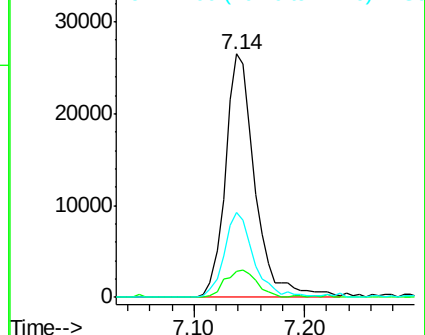
99 100

42 10.7 11.3 16.9#

71 34.8 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: BG045322.D

Acq: 12 May 2020 9:21

Tgt Ion: 136 Resp: 371607

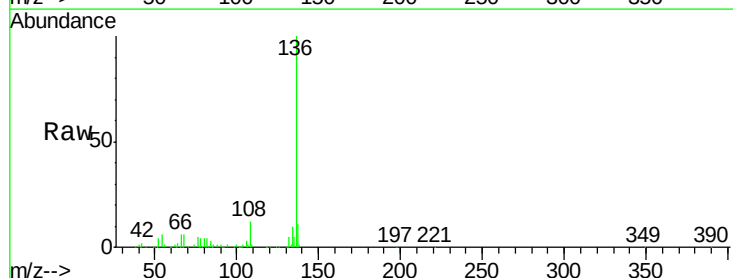
Ion Ratio Lower Upper

136 100

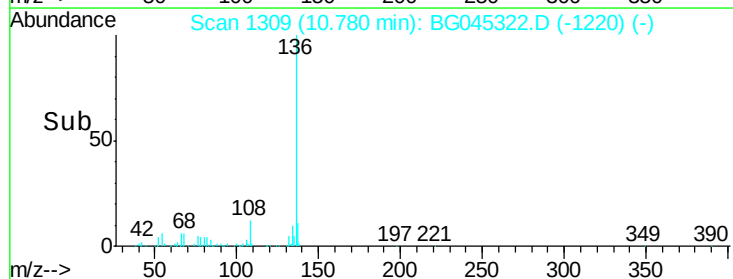
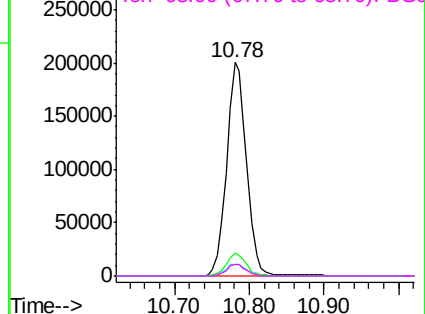
137 10.9 8.6 13.0

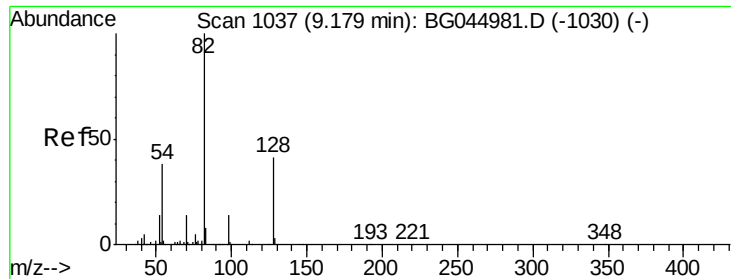
54 5.6 4.8 7.2

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

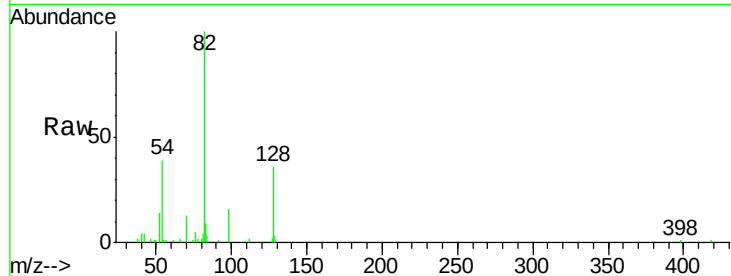




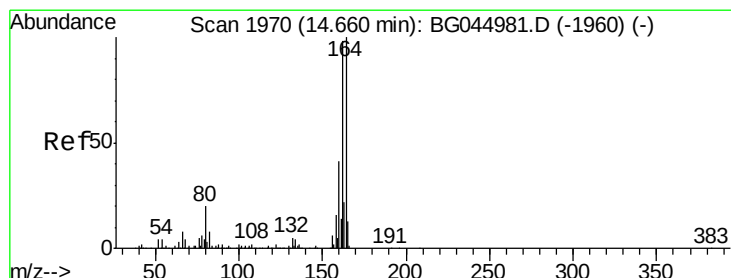
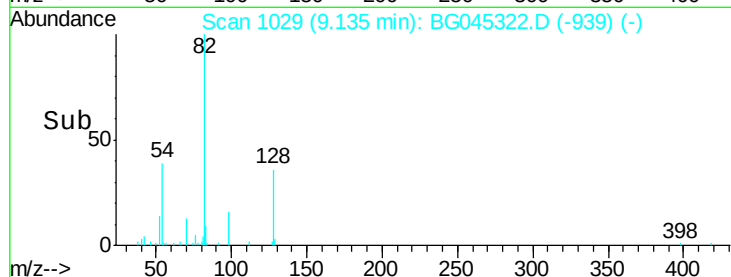
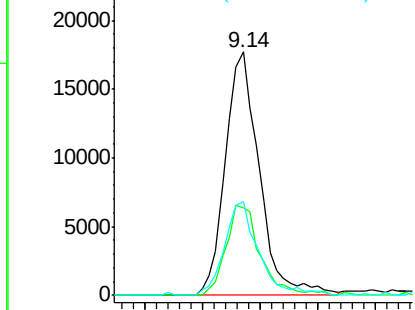
#23
 Nitrobenzene-d5
 Concen: 4.45 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045322.D
 Acq: 12 May 2020 9:21

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050720

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	33.0	49.4
54	38.6	30.4	45.6

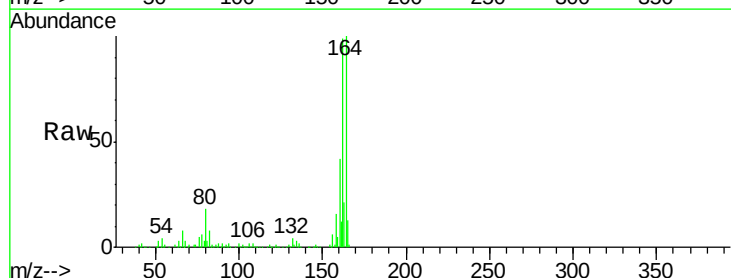


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

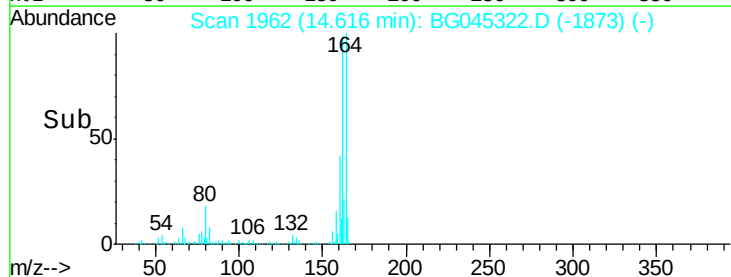
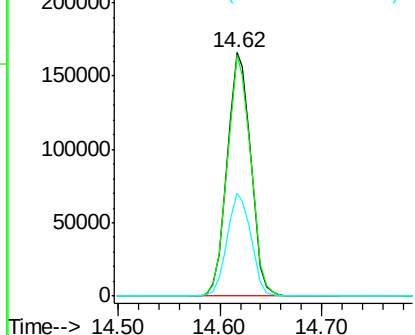


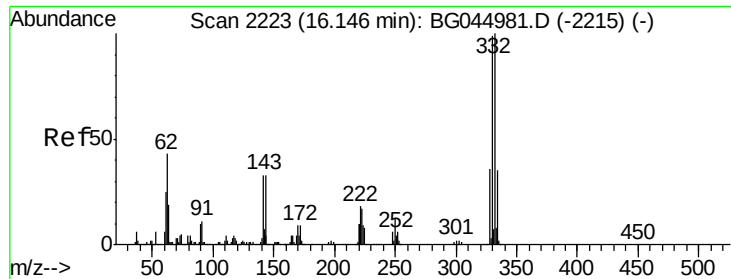
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045322.D
 Acq: 12 May 2020 9:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	42.0	32.8	49.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

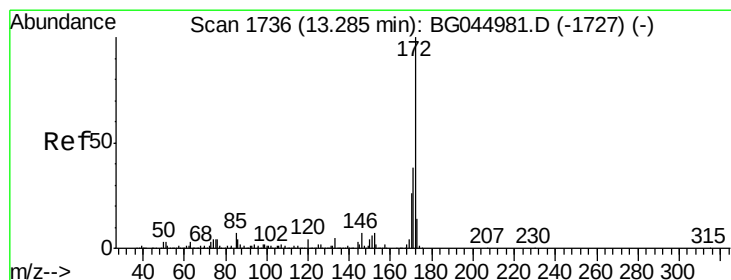
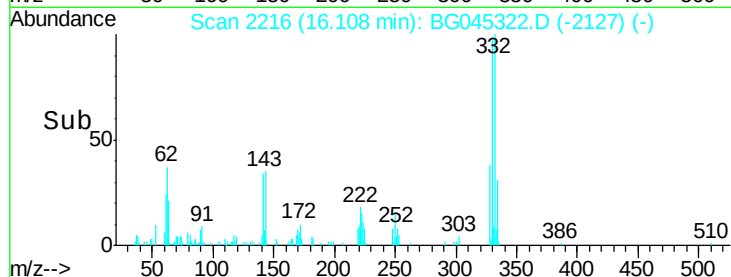
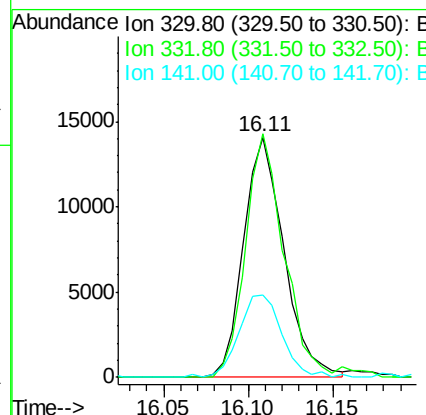
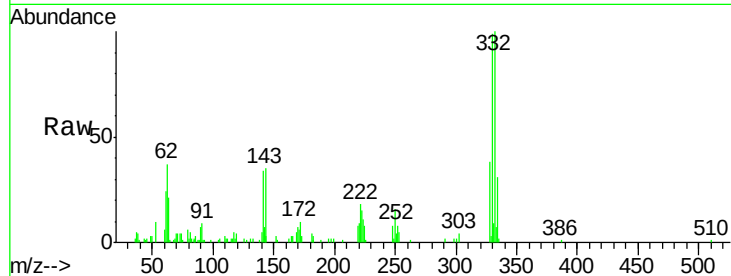




#42
 2,4,6-Tribromophenol
 Concen: 5.67 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045322.D
 Acq: 12 May 2020 9:21

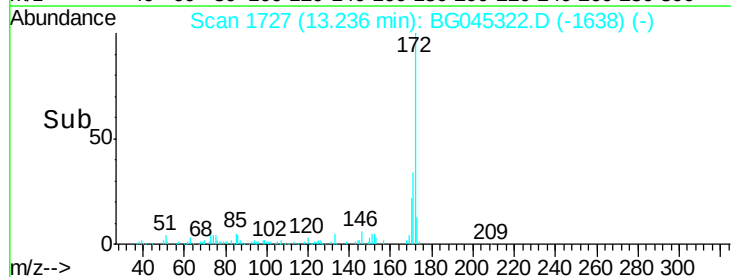
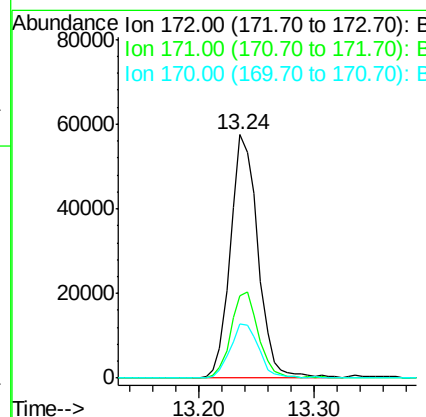
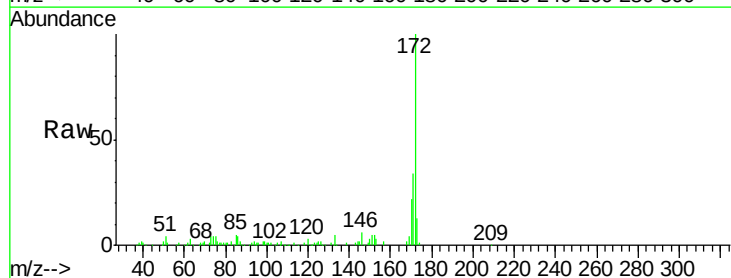
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050720

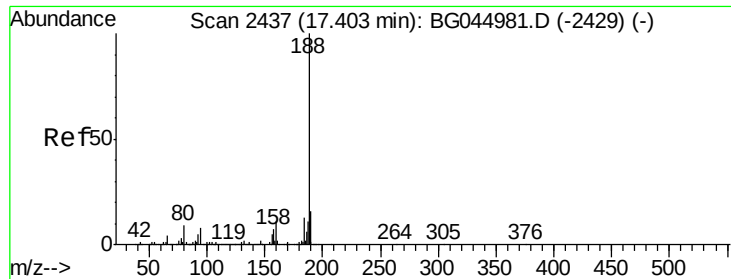
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.1	118.7
141	36.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 5.21 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG045322.D
 Acq: 12 May 2020 9:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.6	46.0
170	22.5	20.5	30.7

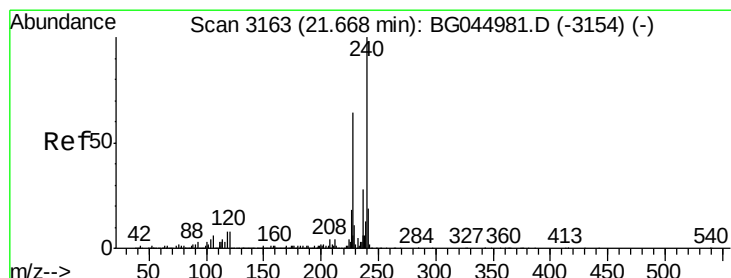
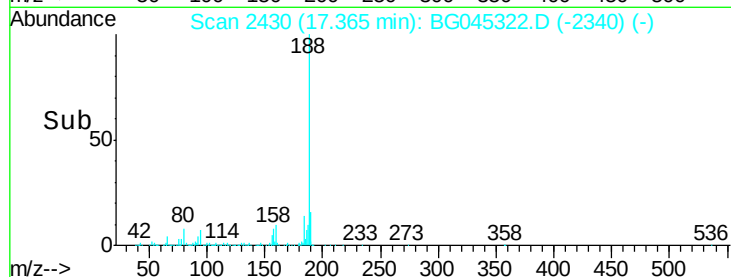
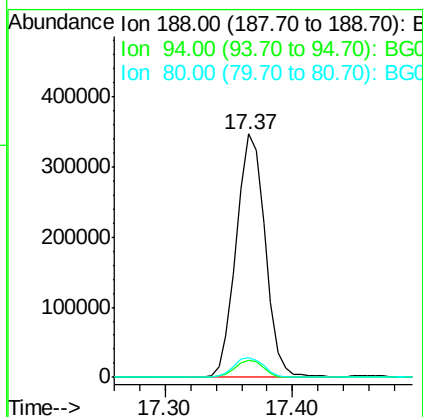
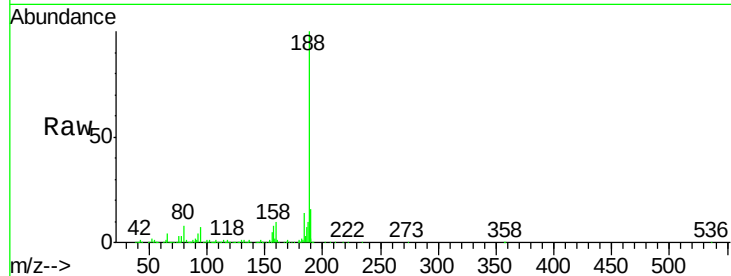




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045322.D
Acq: 12 May 2020 9:21

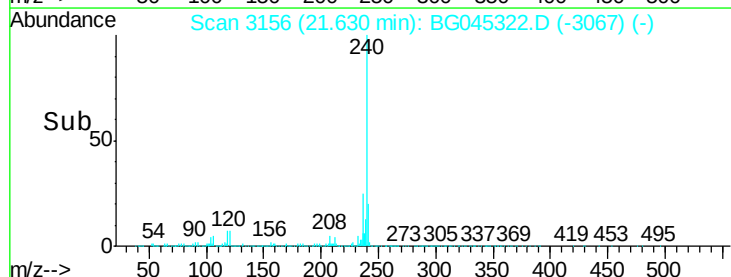
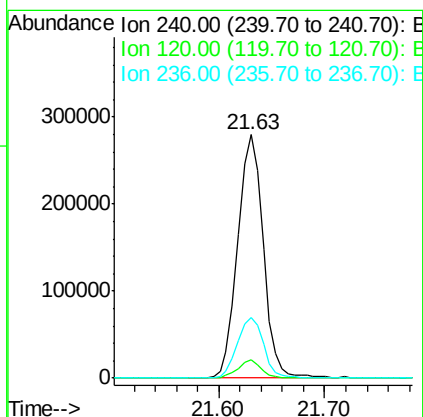
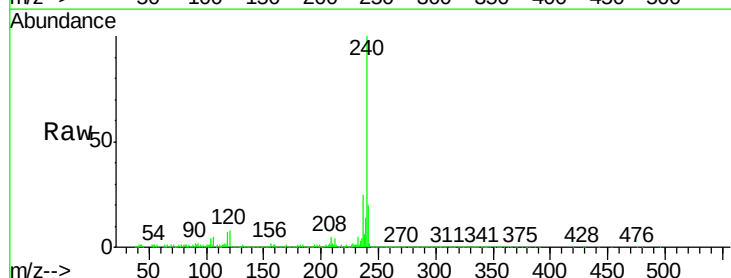
Instrument :
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ClientSampleId :
OR-03-050720

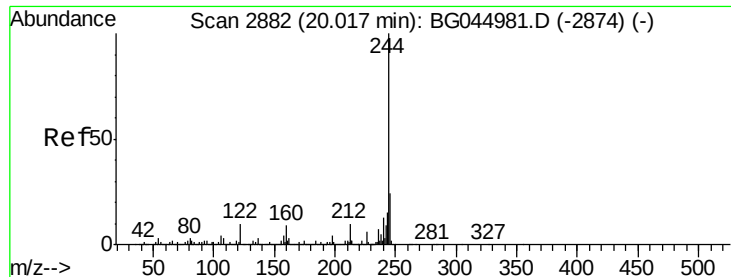
Tgt Ion:188 Resp: 549931
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.4
80 8.3 7.0 10.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045322.D
Acq: 12 May 2020 9:21

Tgt Ion:240 Resp: 467084
Ion Ratio Lower Upper
240 100
120 7.6 6.6 10.0
236 24.8 22.2 33.2





#79

Terphenyl-d14

Concen: 6.47 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045322.D

Acq: 12 May 2020 9:21

Instrument :

BNA_G

ClientSampleId :

OR-03-050720

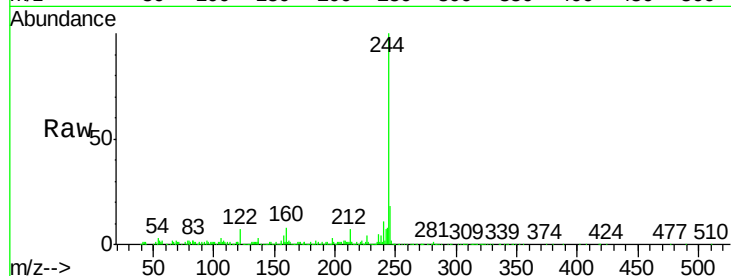
Tgt Ion:244 Resp: 138609

Ion Ratio Lower Upper

244 100

212 7.2 7.9 11.9#

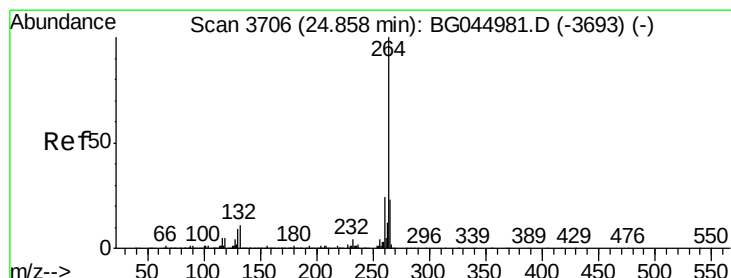
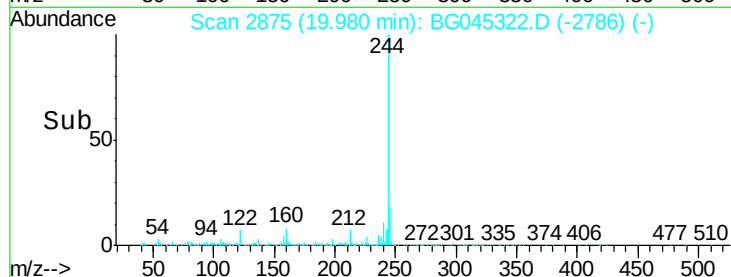
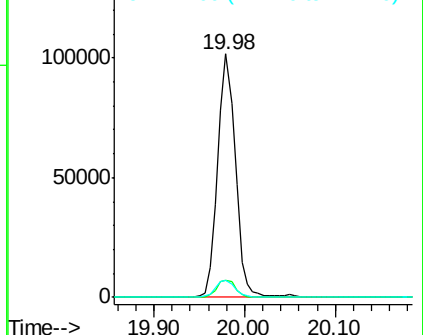
122 7.1 7.7 11.5#



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: BG045322.D

Acq: 12 May 2020 9:21

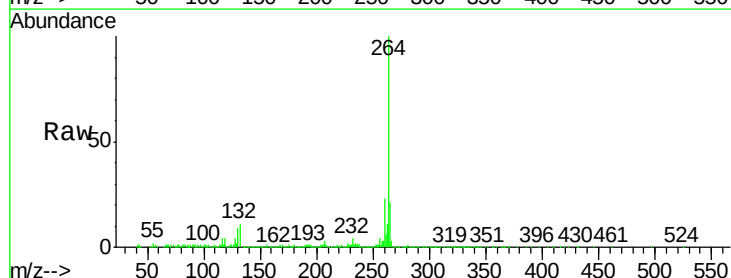
Tgt Ion:264 Resp: 501731

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.4 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

