

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040712.D
 Acq On : 2 May 2019 18:22
 Operator : JU/SJ
 Sample : K2621-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5327

Quant Time: May 03 06:30:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43151	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	184603	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	140444	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	374431	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	377795	20.00	ng	-0.02
87) Perylene-d12	25.16	264	403803	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	222359	90.84	ng	0.00
7) Phenol-d6	7.28	99	216234	57.37	ng	-0.01
23) Nitrobenzene-d5	9.32	82	474581	118.79	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	373388	193.42	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	979809	100.75	ng	-0.02
79) Terphenyl-d14	20.11	244	1932609	113.33	ng	-0.02

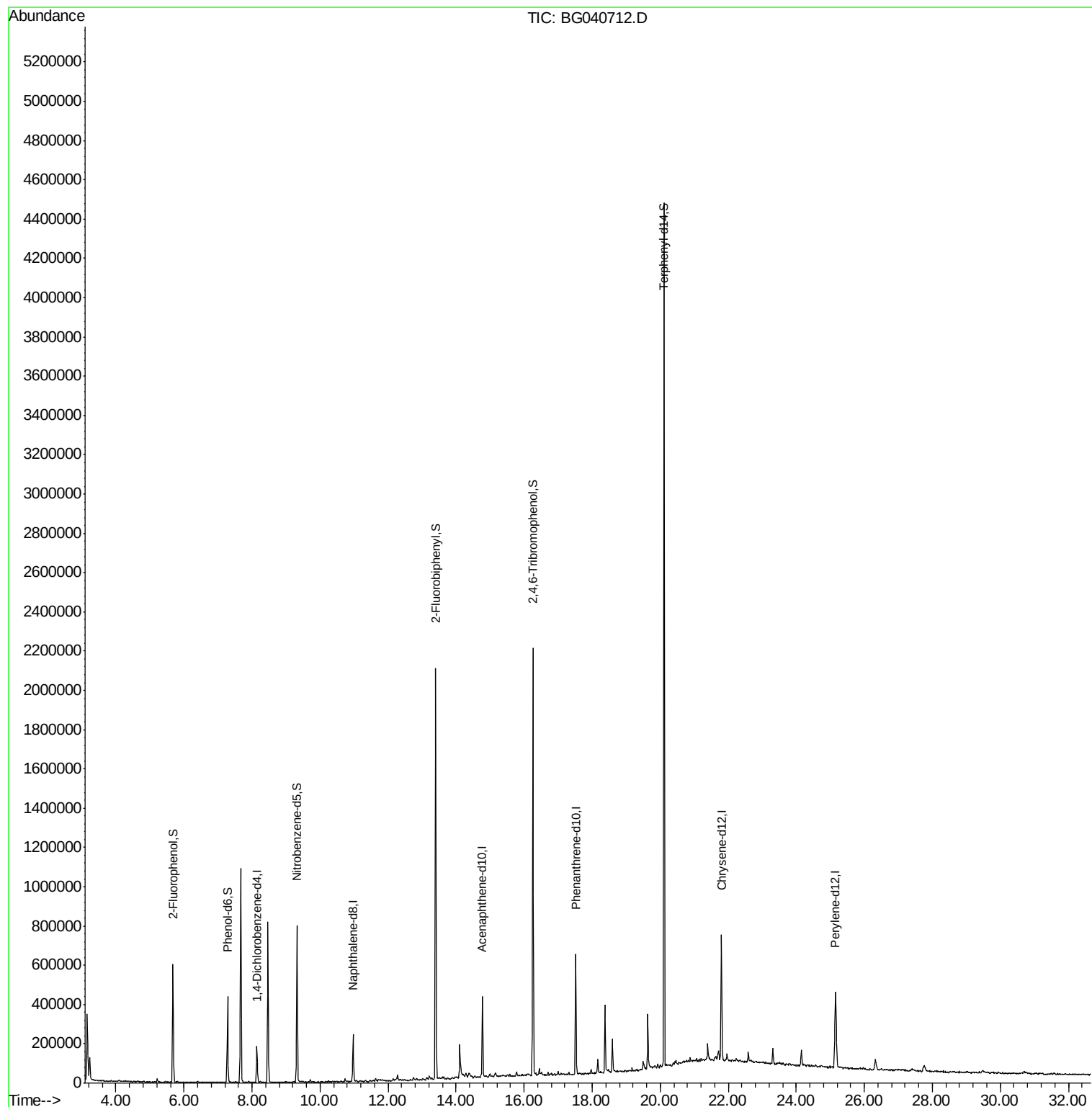
Target Compounds Qvalue

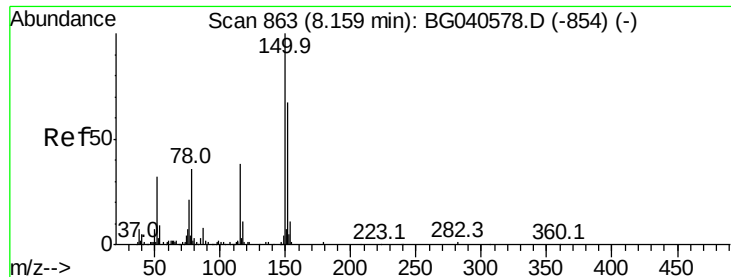
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Instrument :

BNA_G

ClientSampleId :

A5327

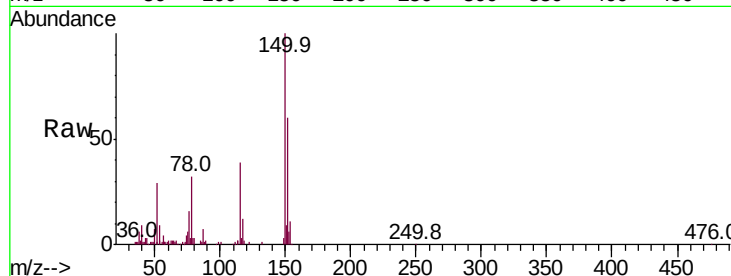
Tot Ion:152 Resp: 43151

Ion Ratio Lower Upper

152 100

150 167.5 120.2 180.2

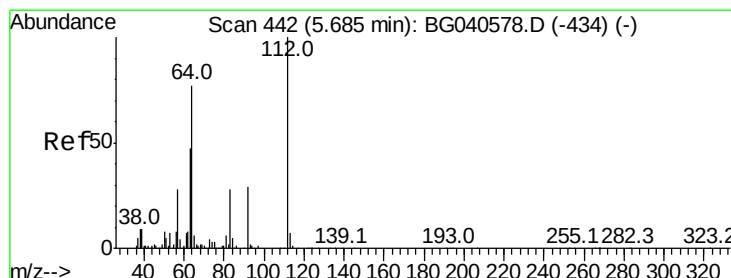
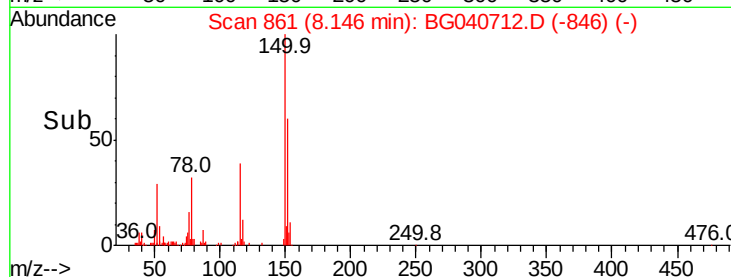
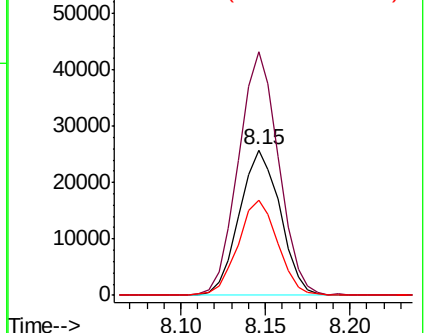
115 65.8 46.2 69.2



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: 90.836 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

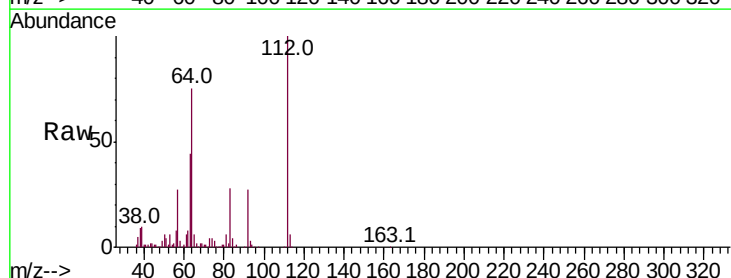
Tgt Ion:112 Resp: 222359

Ion Ratio Lower Upper

112 100

64 75.4 61.4 92.0

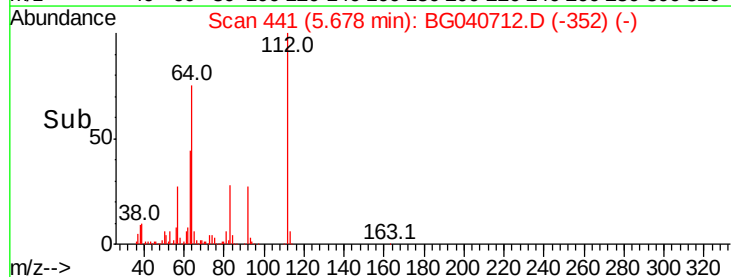
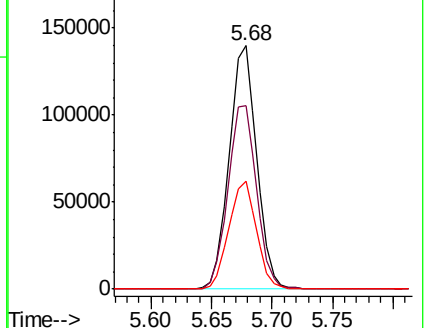
63 44.3 37.8 56.6

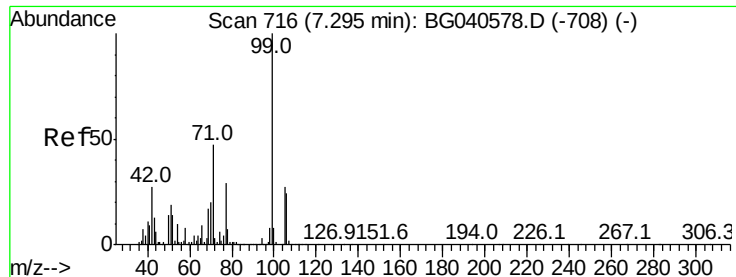


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 57.370 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Instrument :

BNA_G

ClientSampleId :

A5327

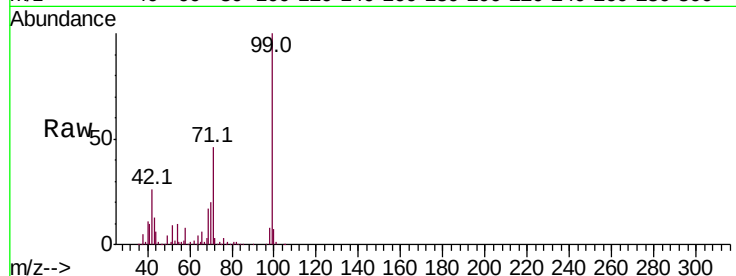
Tot Ion: 99 Resp: 216234

Ion Ratio Lower Upper

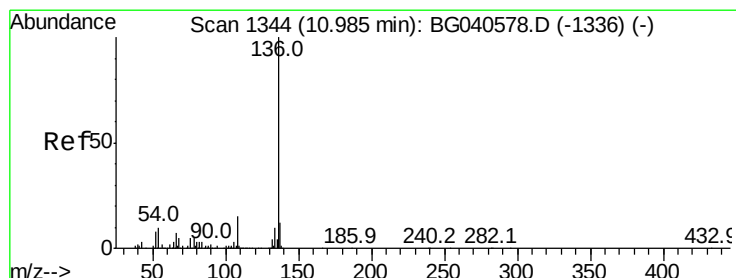
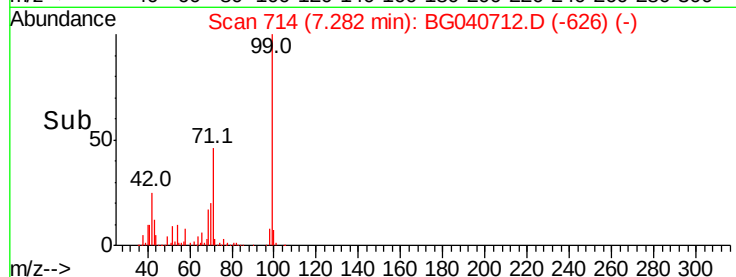
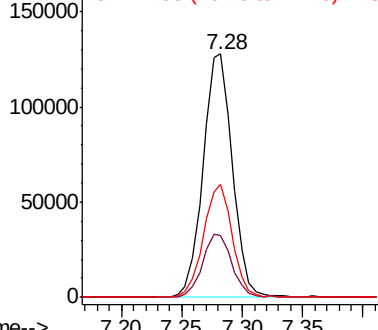
99 100

42 25.7 21.8 32.8

71 46.4 38.6 57.8



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: 10.97 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Tgt Ion: 136 Resp: 184603

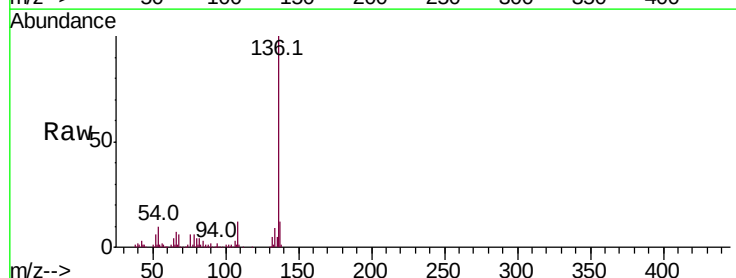
Ion Ratio Lower Upper

136 100

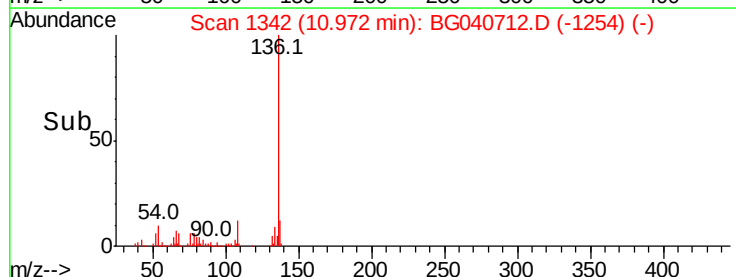
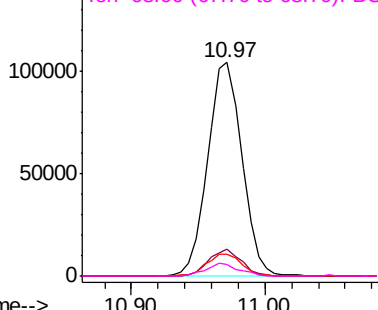
137 12.3 9.7 14.5

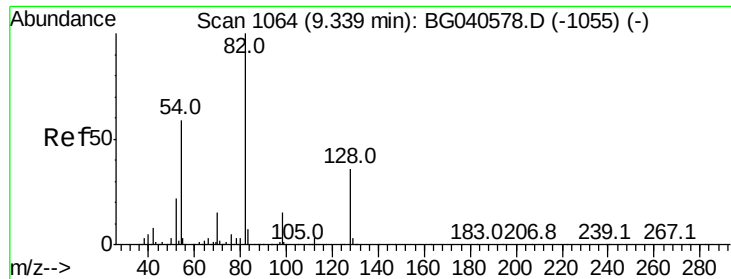
54 10.5 8.6 12.8

68 5.5 4.8 7.2



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

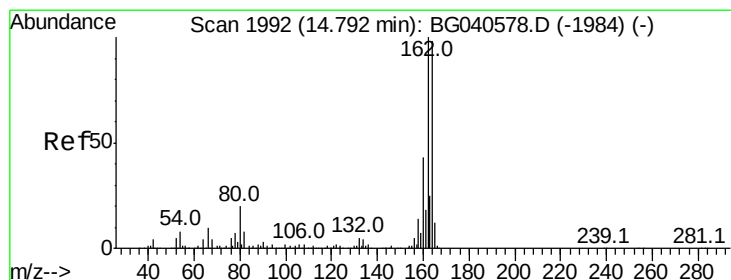
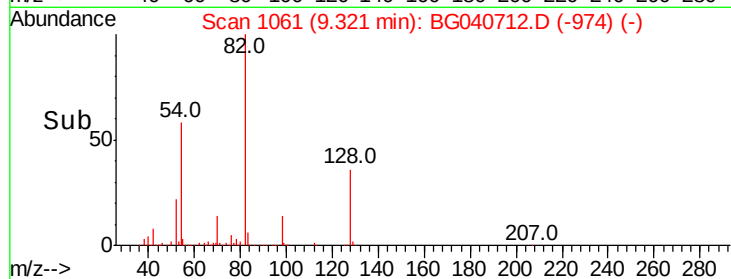
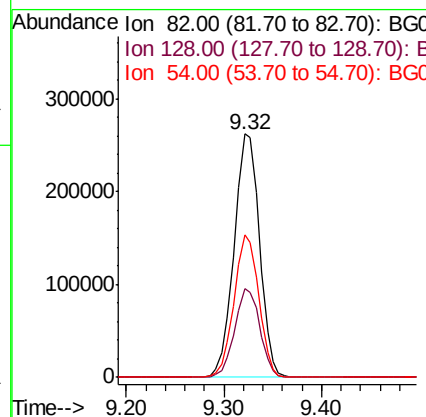
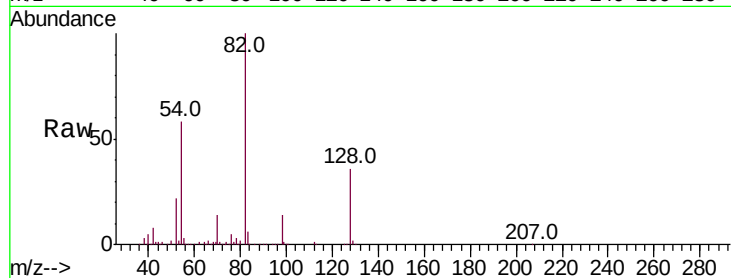




#23
 Nitrobenzene-d5
 Concen: 118.788 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040712.D
 Acq: 2 May 2019 18:22

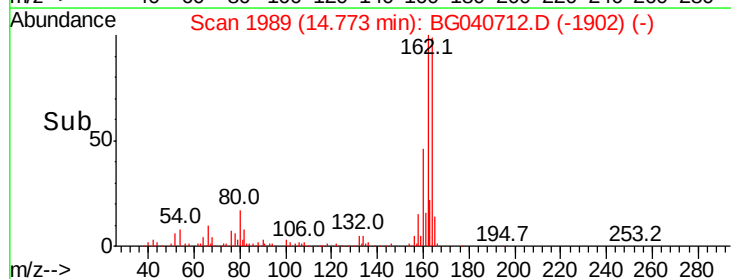
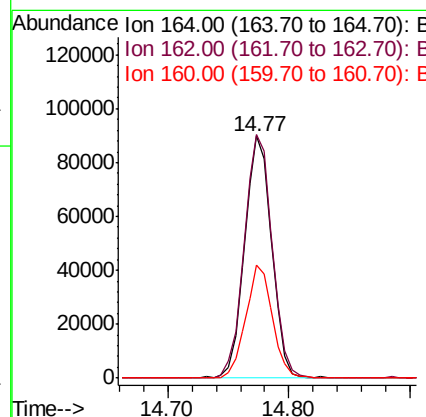
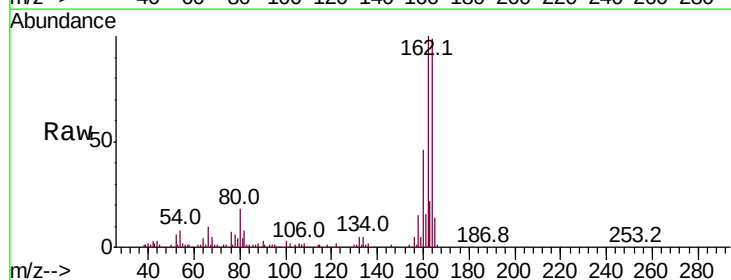
Instrument :
 BNA_G
 ClientSampleId :
 A5327

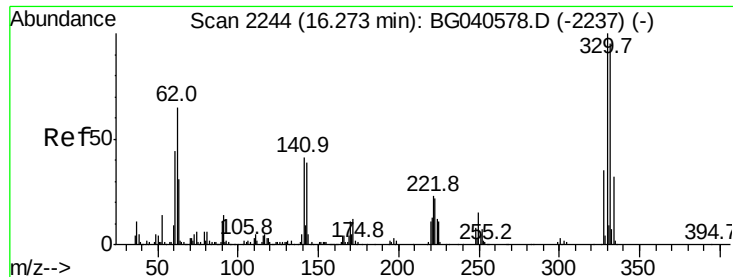
Tot Ion	82	Resp	474581
Ion Ratio	100	Lower	Upper
128	36.4	28.9	43.3
54	58.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG040712.D
 Acq: 2 May 2019 18:22

Tgt Ion	164	Resp	140444
Ion Ratio	100	Lower	Upper
162	100.7	81.9	122.9
160	46.5	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 193.422 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Instrument :

BNA_G

ClientSampleId :

A5327

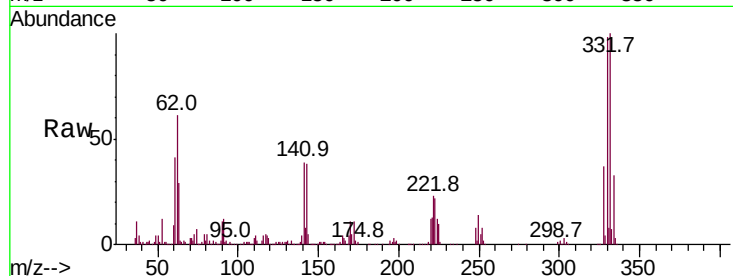
Tot Ion:330 Resp: 373388

Ion Ratio Lower Upper

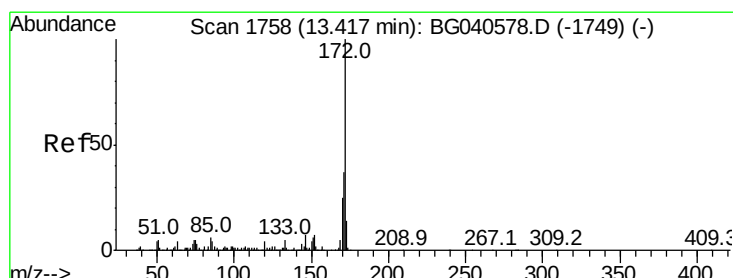
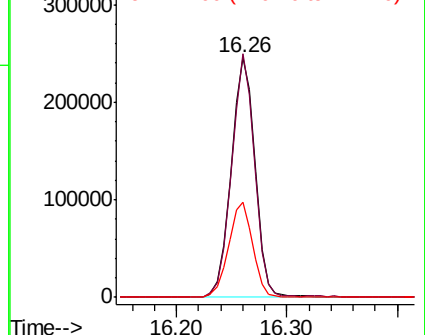
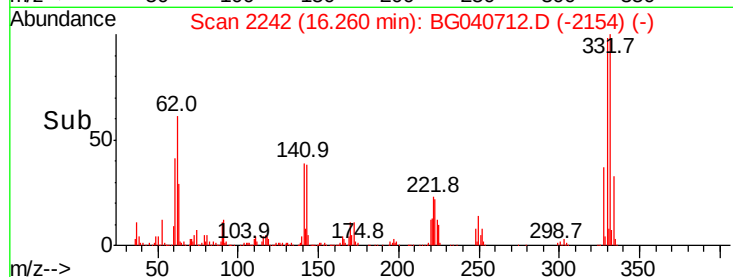
330 100

332 97.2 75.9 113.9

141 39.8 32.4 48.6



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: 100.755 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

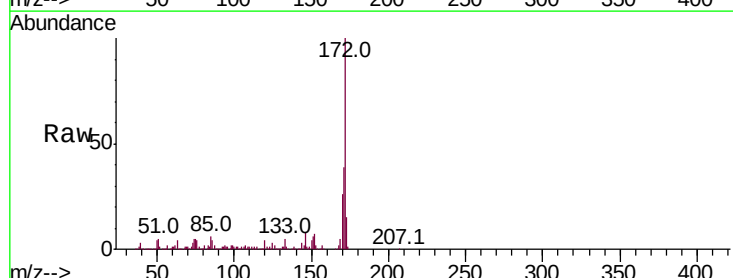
Tgt Ion:172 Resp: 979809

Ion Ratio Lower Upper

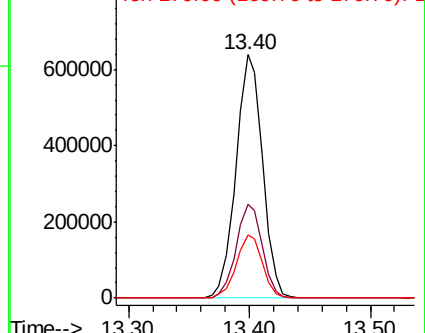
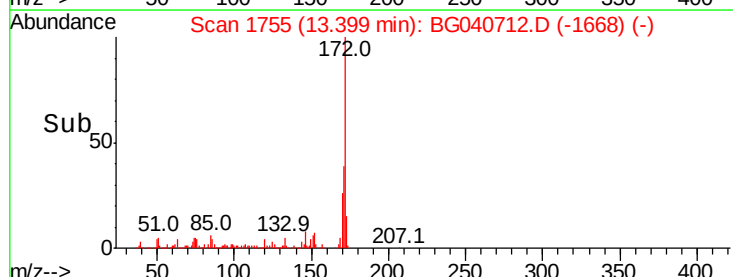
172 100

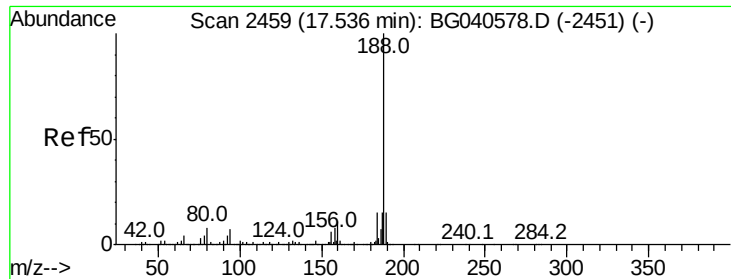
171 38.5 29.4 44.2

170 25.7 19.9 29.9



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: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Instrument :

BNA_G

ClientSampleId :

A5327

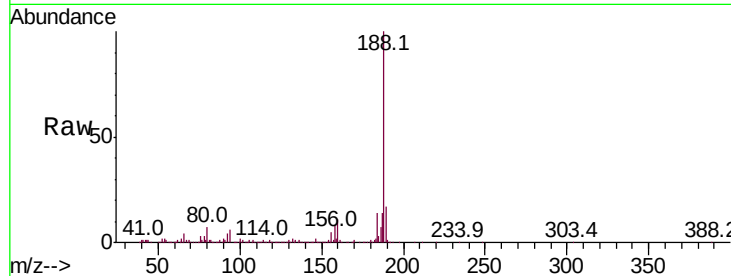
Tot Ion:188 Resp: 374431

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

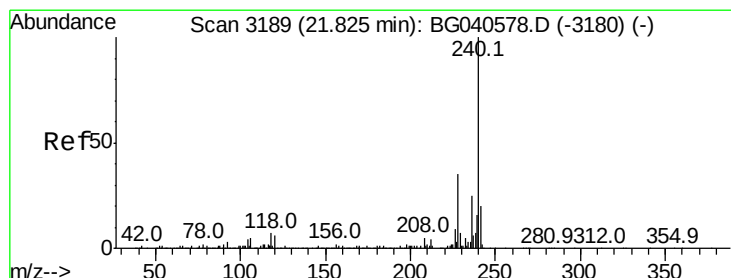
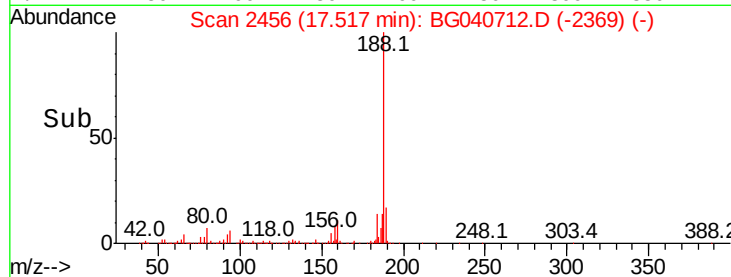
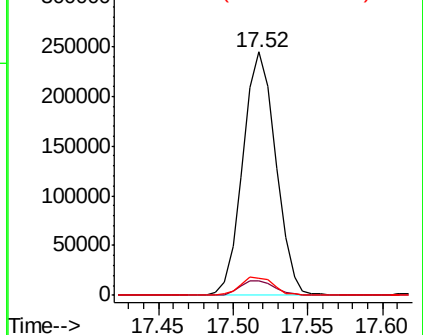
80 7.2 6.4 9.6



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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

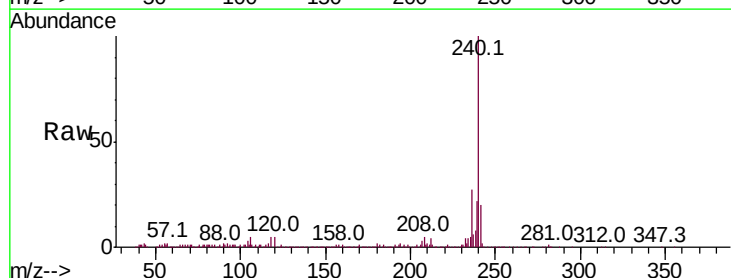
Tgt Ion:240 Resp: 377795

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

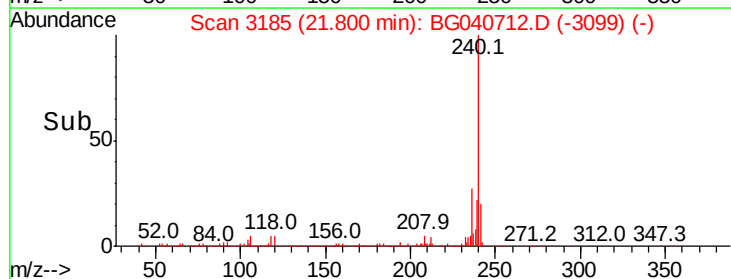
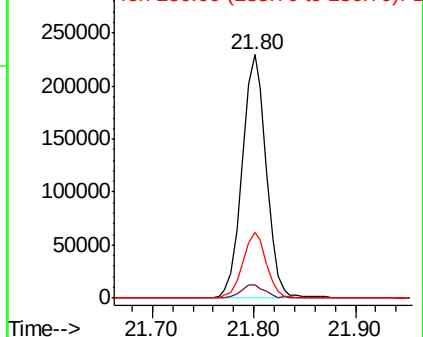
236 26.7 20.3 30.5

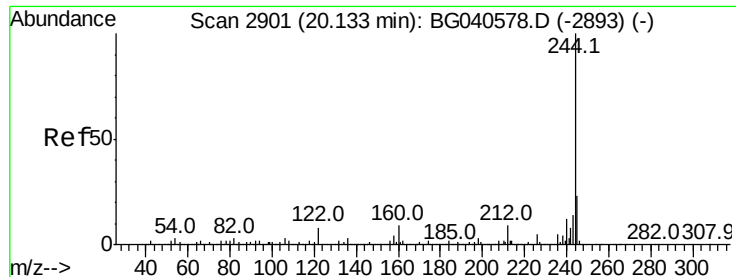


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 113.330 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Instrument :

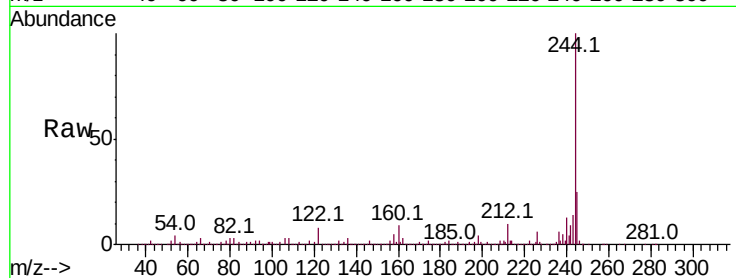
BNA_G

ClientSampleId :

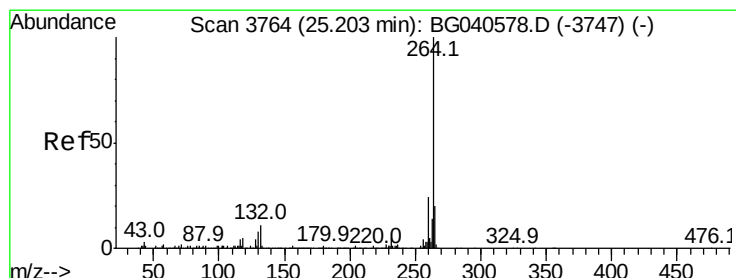
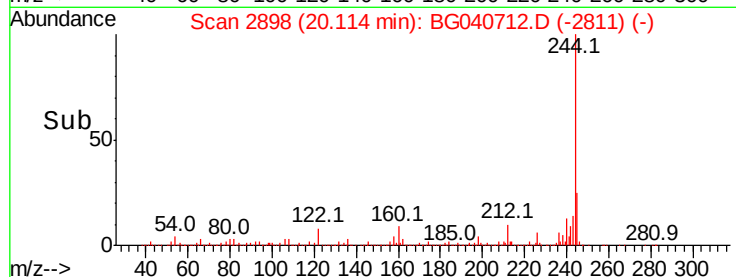
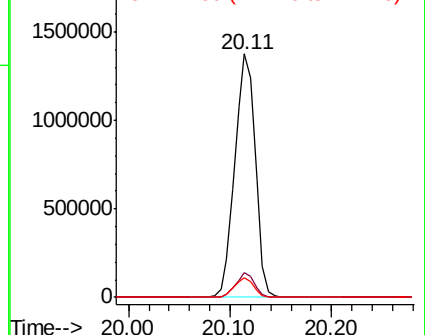
A5327

Tot Ion:244 Resp: 1932609

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.2	10.8
122	8.3	6.6	10.0



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: 25.16 min Scan# 3756

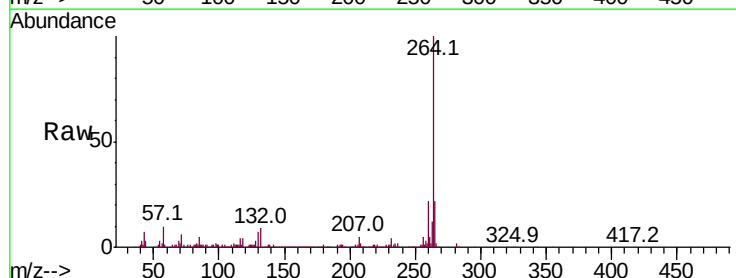
Delta R.T. -0.05 min

Lab File: BG040712.D

Acq: 2 May 2019 18:22

Tgt Ion:264 Resp: 403803

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	22.0	16.6	25.0



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

