

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
 Data File : BG040863.D
 Acq On : 11 May 2019 2:23
 Operator : HP/JU
 Sample : K2754-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: May 11 06:37:31 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	8.13	152	51759	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	199922	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	149909	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	423823	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	473089	20.00	ng	-0.04
87) Perylene-d12	25.14	264	491224	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	372517	126.87	ng	-0.02
7) Phenol-d6	7.27	99	498219	110.20	ng	-0.02
23) Nitrobenzene-d5	9.31	82	406193	93.88	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	346166	168.00	ng	-0.02
45) 2-Fluorobiphenyl	13.38	172	927944	89.40	ng	-0.03
79) Terphenyl-d14	20.10	244	2006246	93.95	ng	-0.03

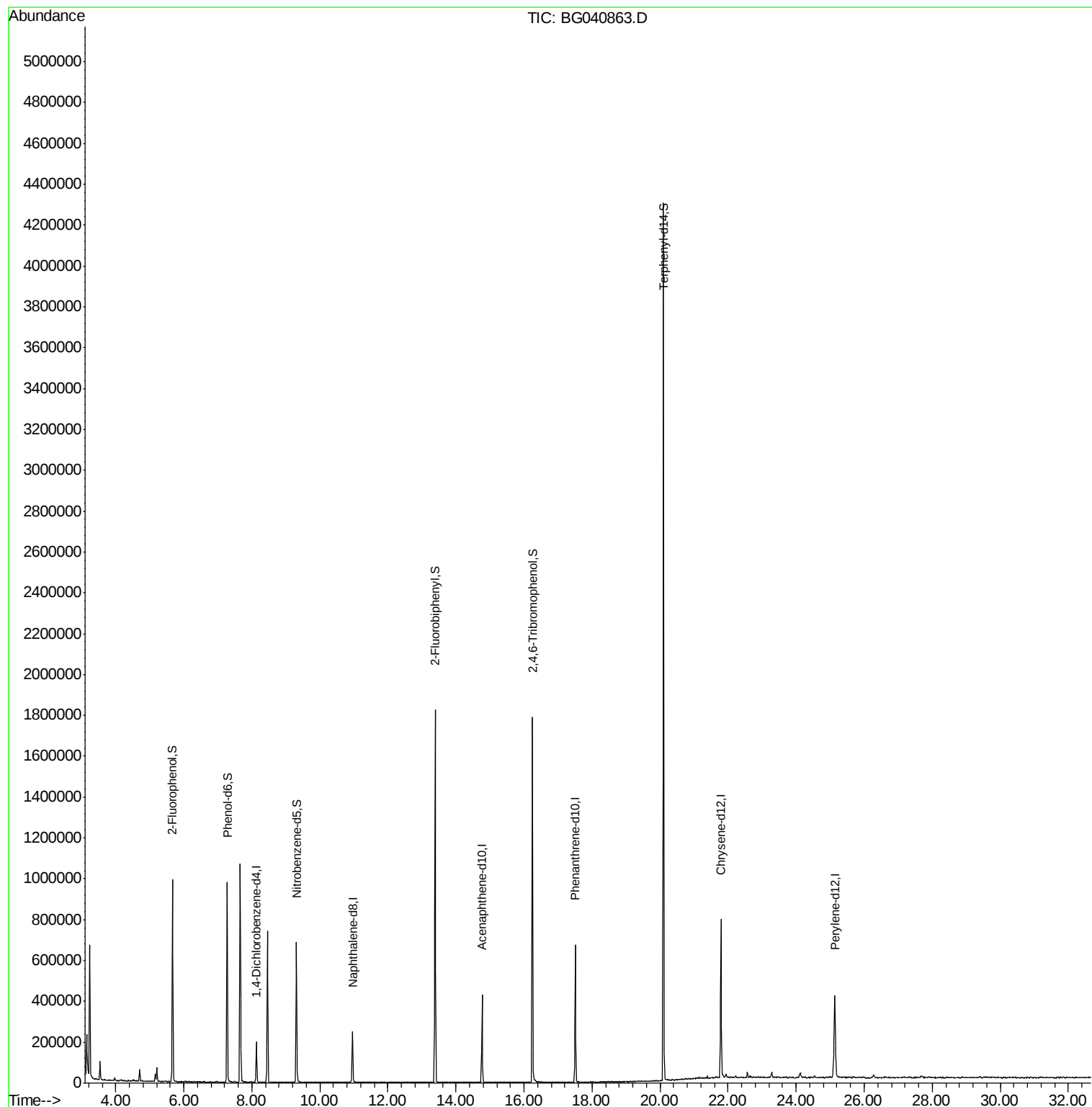
Target Compounds	Qvalue
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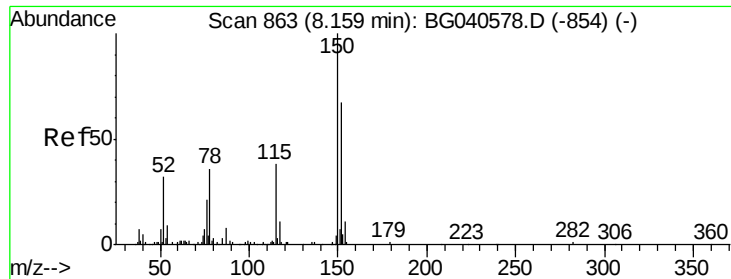
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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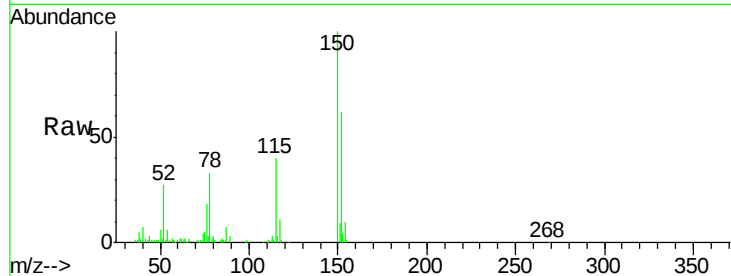


#1

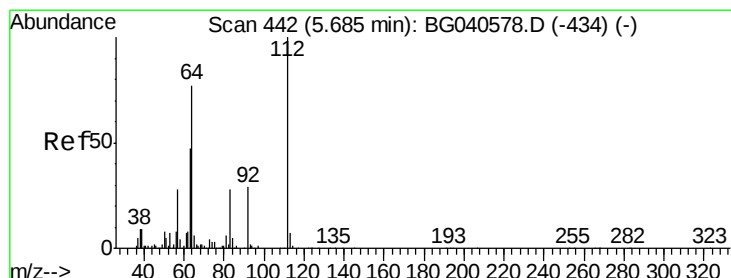
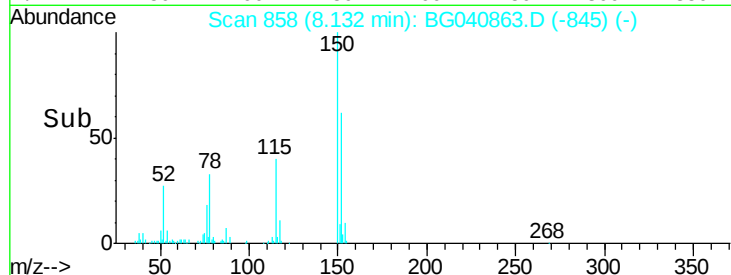
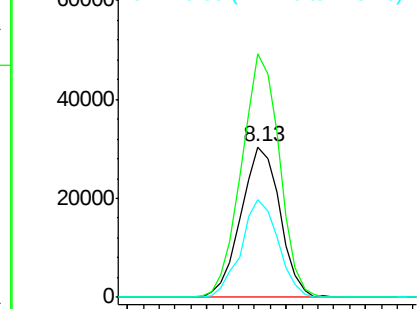
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040863.D
Acq: 11 May 2019 2:23

Instrument :
BNA_G
ClientSampleId :
C-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	120.2	180.2
115	64.9	46.2	69.2



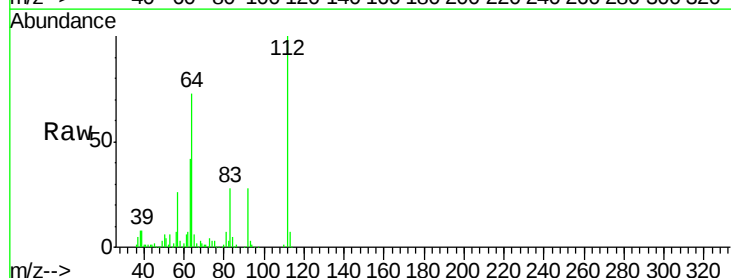
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



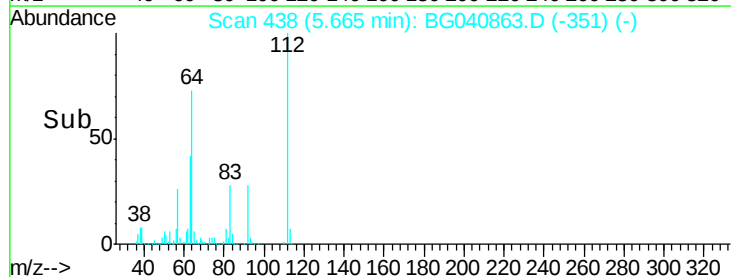
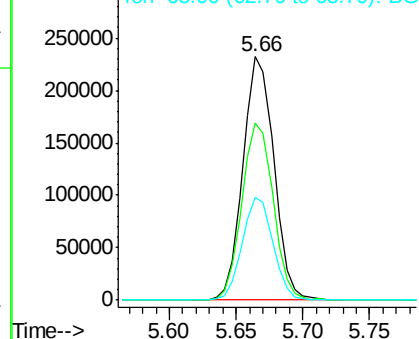
#5

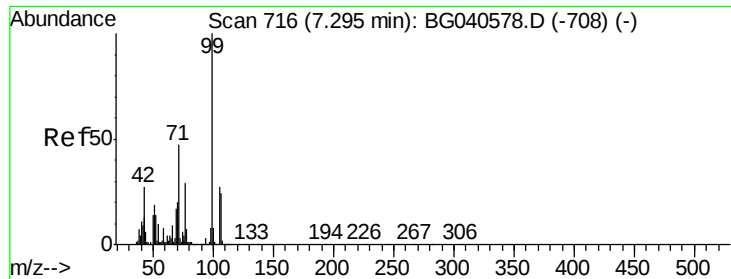
2-Fluorophenol
Concen: 126.869 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040863.D
Acq: 11 May 2019 2:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	61.4	92.0
63	42.0	37.8	56.6



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: 110.202 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040863.D

Acq: 11 May 2019 2:23

Instrument :

BNA_G

ClientSampleId :

C-1

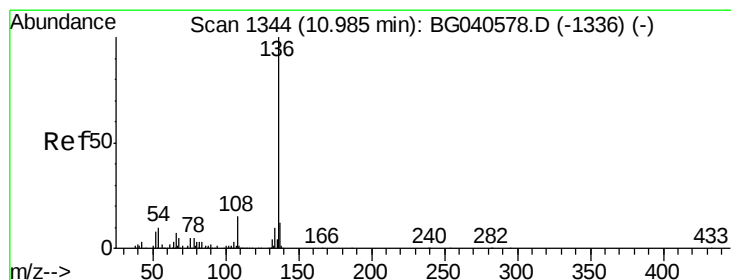
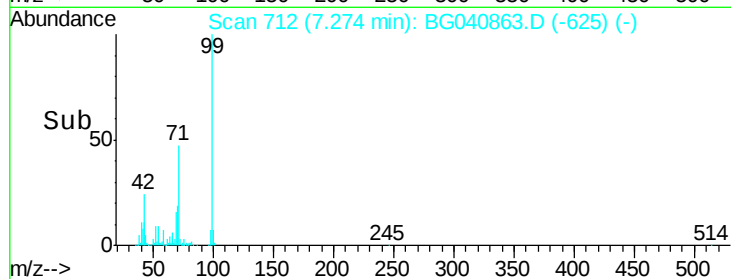
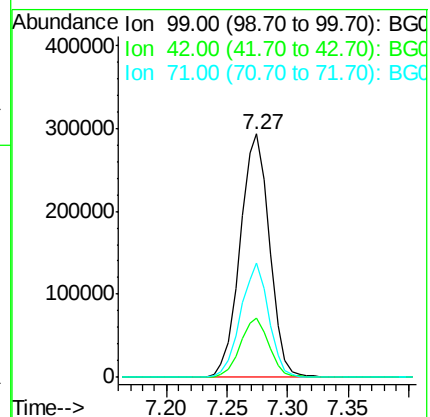
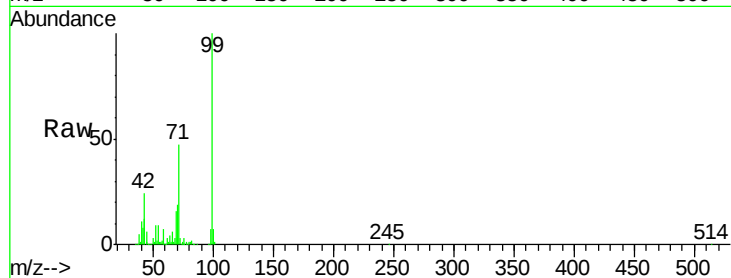
Tgt Ion: 99 Resp: 498219

Ion Ratio Lower Upper

99 100

42 24.4 21.8 32.8

71 46.9 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040863.D

Acq: 11 May 2019 2:23

Tgt Ion: 136 Resp: 199922

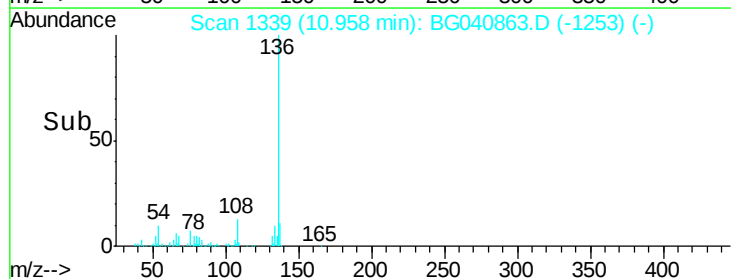
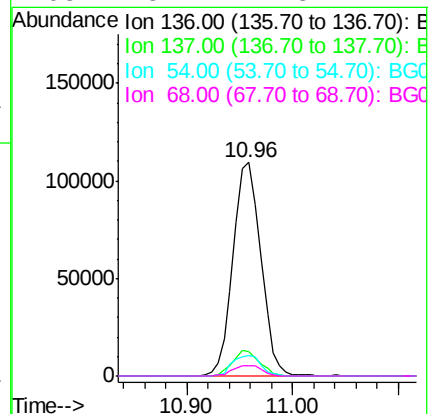
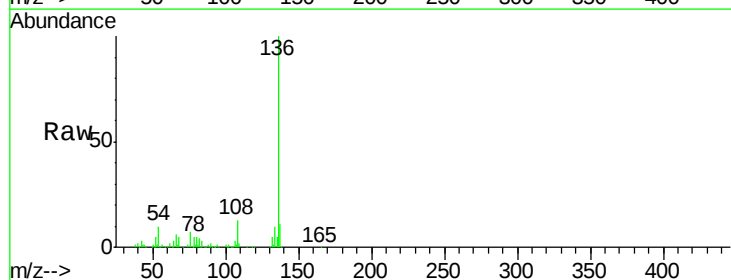
Ion Ratio Lower Upper

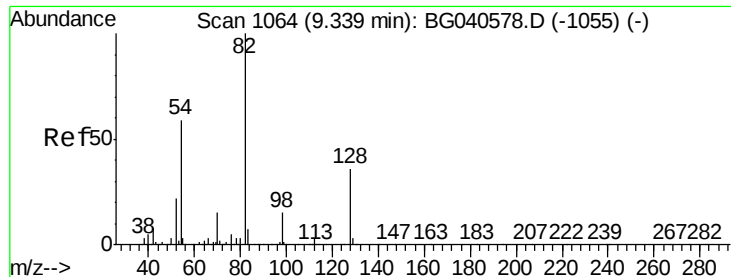
136 100

137 11.3 9.7 14.5

54 9.6 8.6 12.8

68 5.1 4.8 7.2

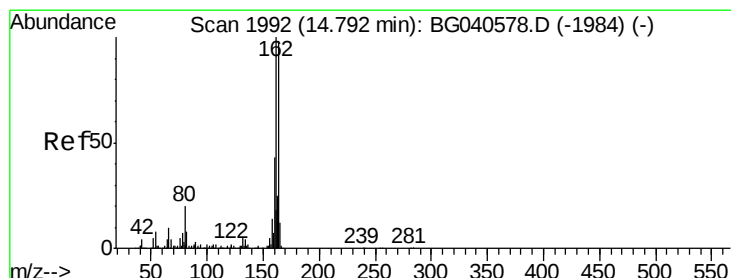
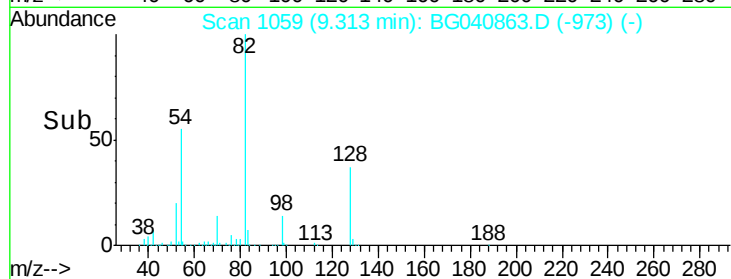
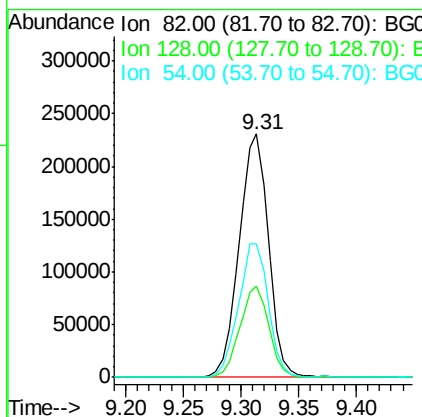
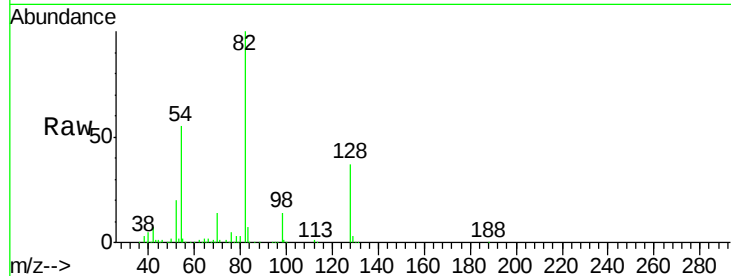




#23
 Nitrobenzene-d5
 Concen: 93.880 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040863.D
 Acq: 11 May 2019 2:23

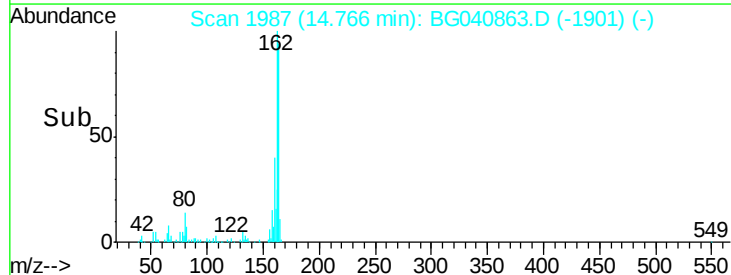
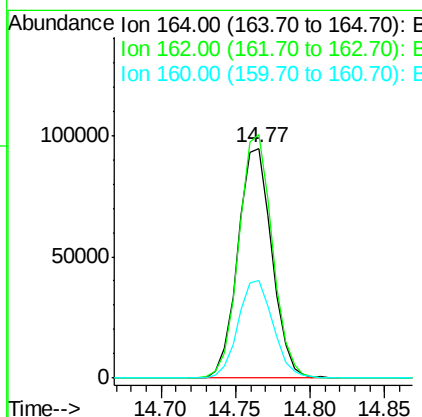
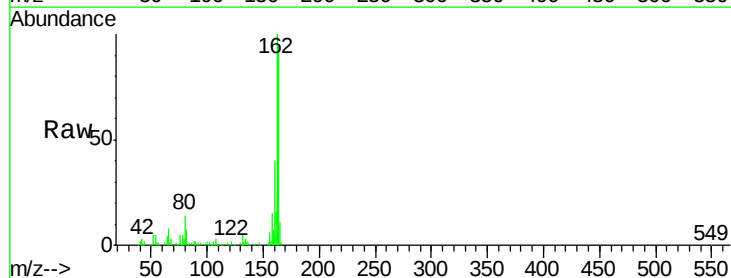
Instrument :
 BNA_G
 ClientSampleId :
 C-1

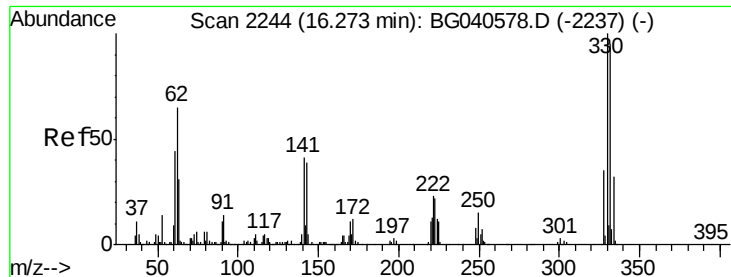
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.9	43.3
54	54.7	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040863.D
 Acq: 11 May 2019 2:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	81.9	122.9
160	42.7	35.4	53.2

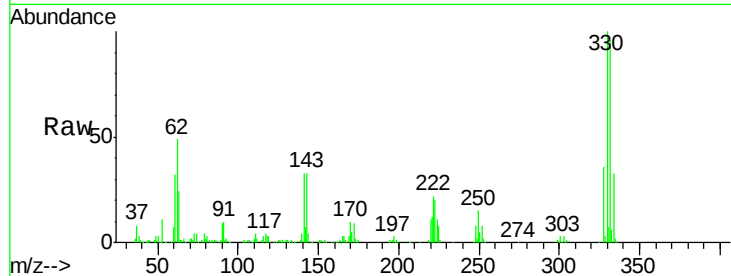




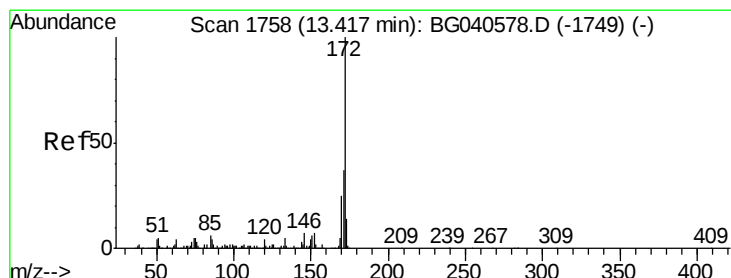
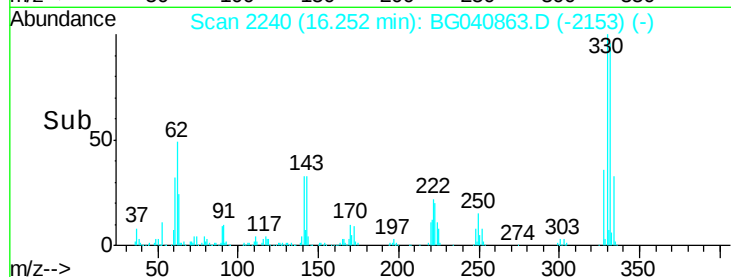
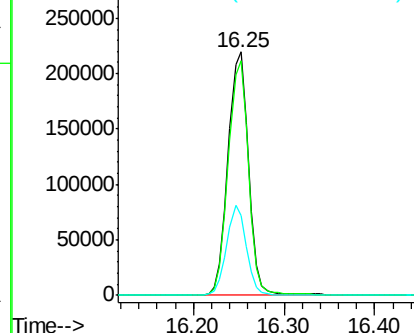
#42
 2,4,6-Tribromophenol
 Concen: 167.998 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040863.D
 Acq: 11 May 2019 2:23

Instrument :
 BNA_G
 ClientSampled :
 C-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	35.7	32.4	48.6

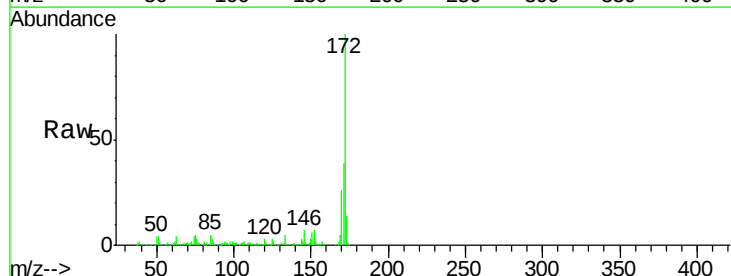


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

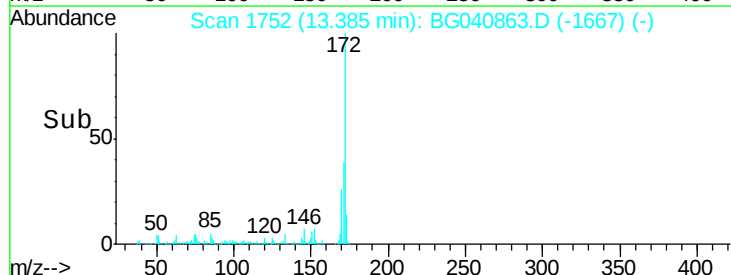
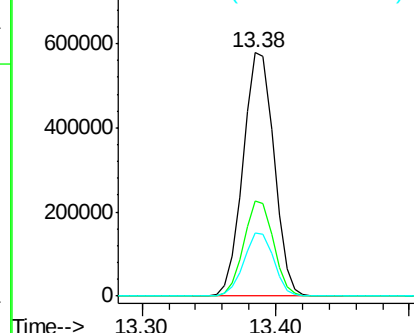


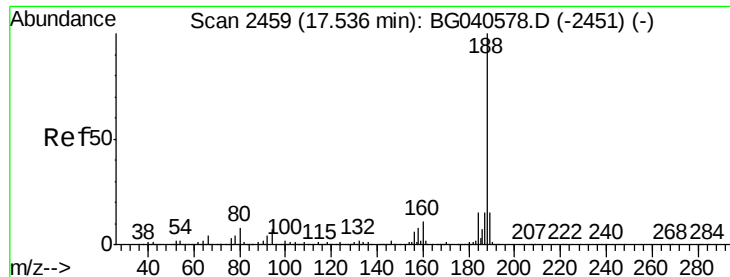
#45
 2-Fluorobiphenyl
 Concen: 89.397 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.03 min
 Lab File: BG040863.D
 Acq: 11 May 2019 2:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.4	44.2
170	25.8	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: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040863.D

Acq: 11 May 2019 2:23

Instrument :

BNA_G

ClientSampleId :

C-1

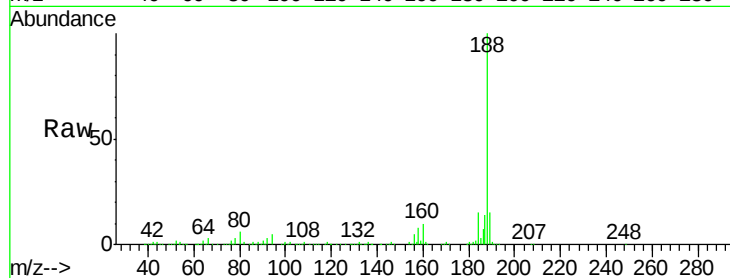
Tgt Ion:188 Resp: 423823

Ion Ratio Lower Upper

188 100

94 5.1 5.6 8.4#

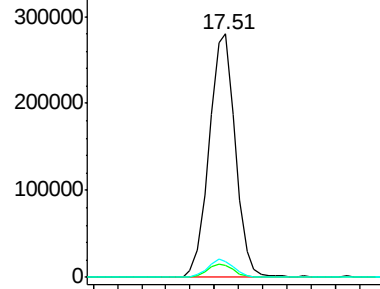
80 6.3 6.4 9.6#



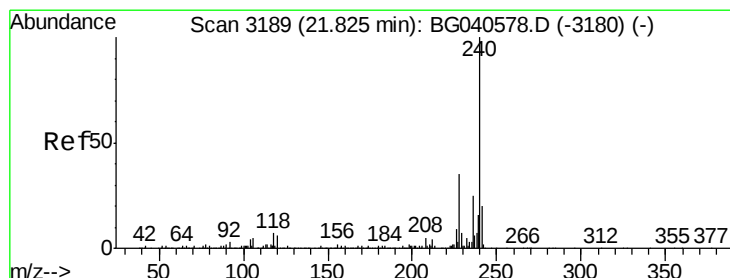
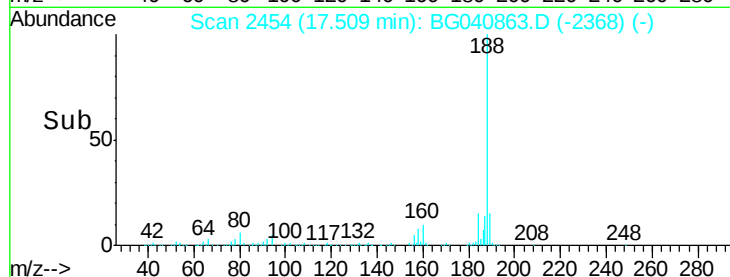
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.04 min

Lab File: BG040863.D

Acq: 11 May 2019 2:23

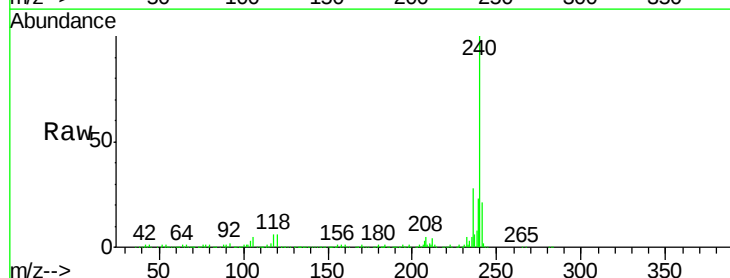
Tgt Ion:240 Resp: 473089

Ion Ratio Lower Upper

240 100

120 5.8 5.0 7.6

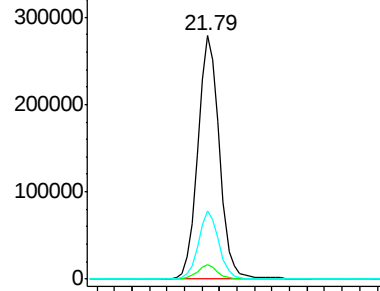
236 27.8 20.3 30.5



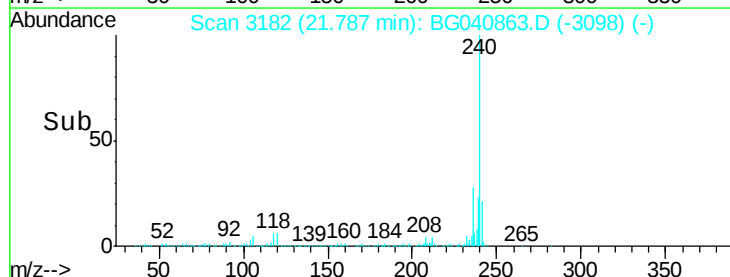
Abundance Ion 240.00 (239.70 to 240.70): E

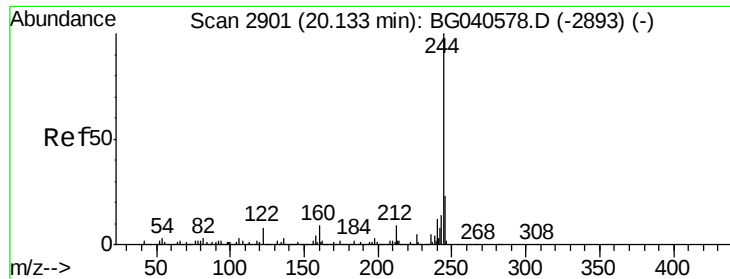
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90





#79

Terphenyl-d14

Concen: 93.950 ng

RT: 20.10 min Scan# 2895

Delta R.T. -0.03 min

Lab File: BG040863.D

Acq: 11 May 2019 2:23

Instrument :

BNA_G

ClientSampleId :

C-1

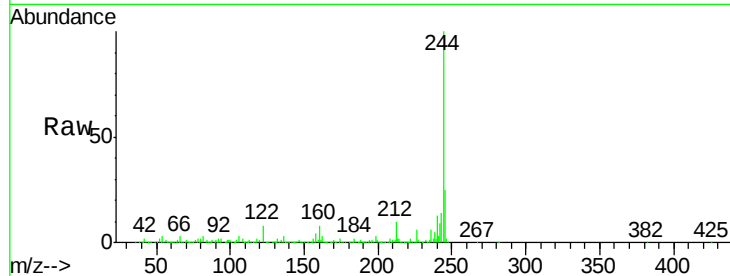
Tgt Ion:244 Resp: 2006246

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

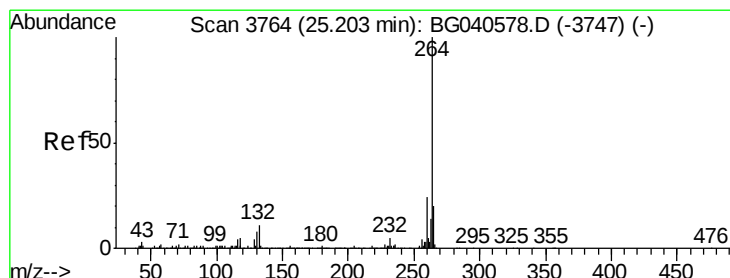
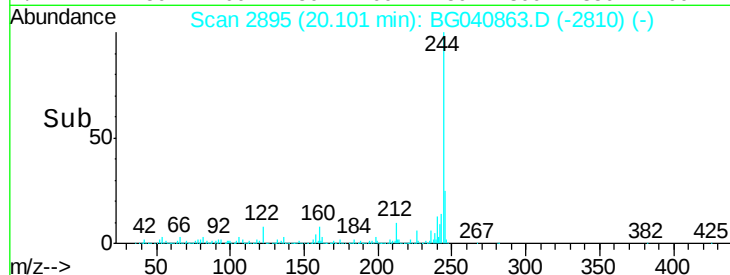
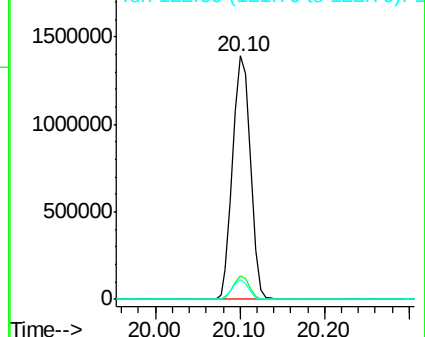
122 8.0 6.6 10.0



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: 25.14 min Scan# 3753

Delta R.T. -0.06 min

Lab File: BG040863.D

Acq: 11 May 2019 2:23

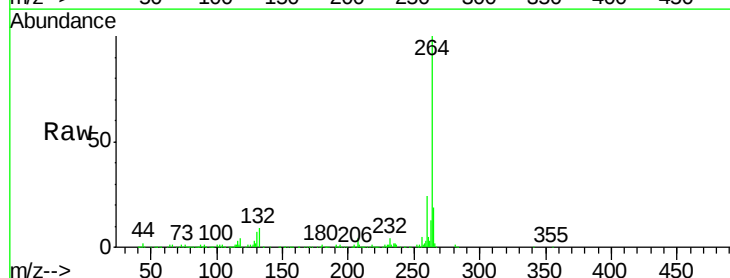
Tgt Ion:264 Resp: 491224

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 19.4 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

