

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040637.D
 Acq On : 26 Apr 2019 19:59
 Operator : JU/SJ
 Sample : K2566-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0019

Quant Time: Apr 27 04:11:32 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	8.16	152	47227	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	200022	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	149802	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	389588	20.00	ng	0.00
76) Chrysene-d12	21.82	240	386116	20.00	ng	0.00
87) Perylene-d12	25.20	264	401817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	136492	50.95	ng	0.00
7) Phenol-d6	7.29	99	124217	30.11	ng	0.00
23) Nitrobenzene-d5	9.33	82	394898	91.22	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	286201	139.00	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	889141	85.72	ng	0.00
79) Terphenyl-d14	20.13	244	1607716	92.25	ng	0.00

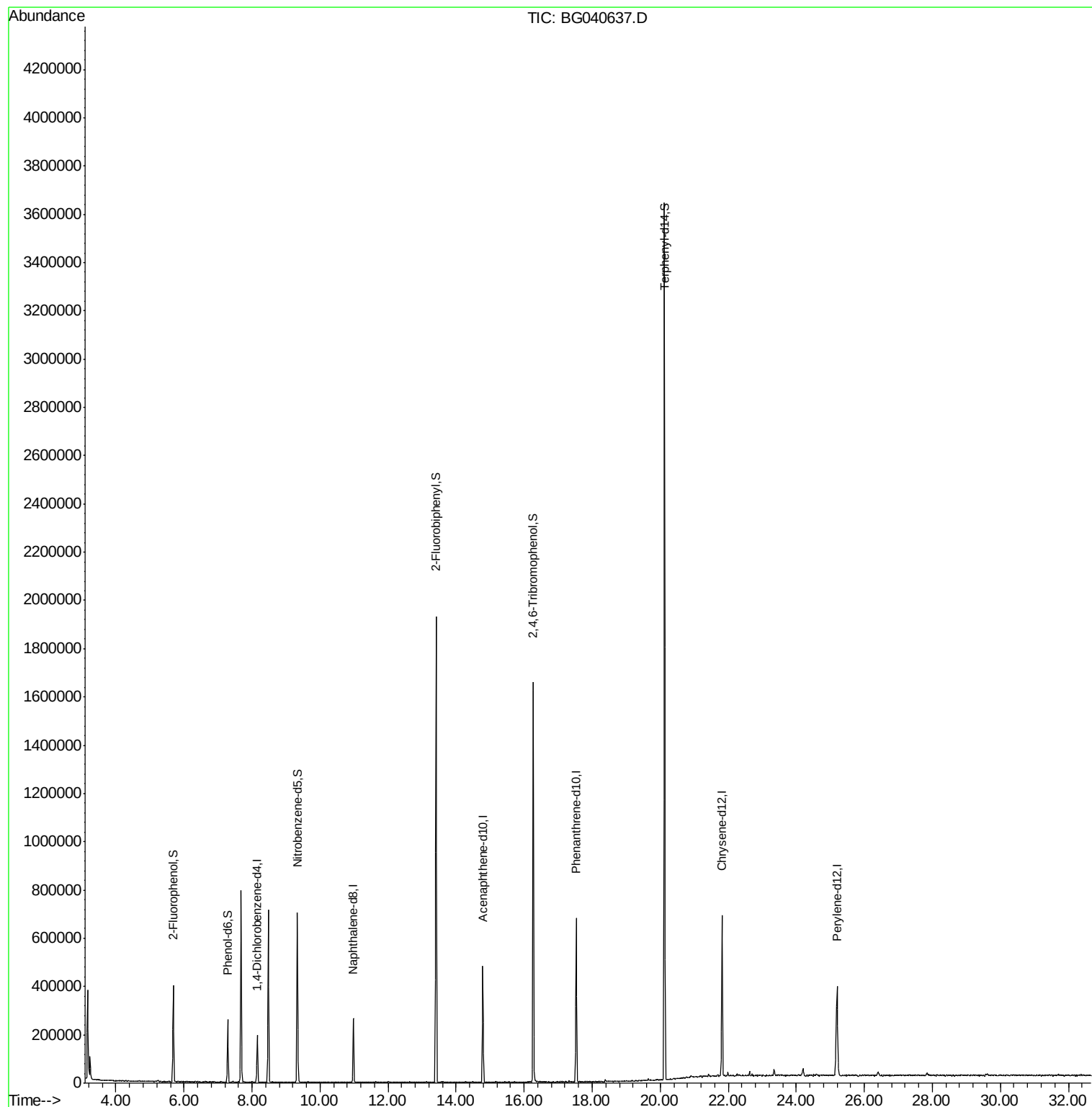
Target Compounds	Qvalue
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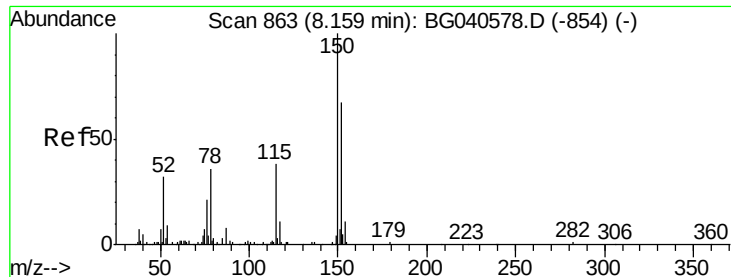
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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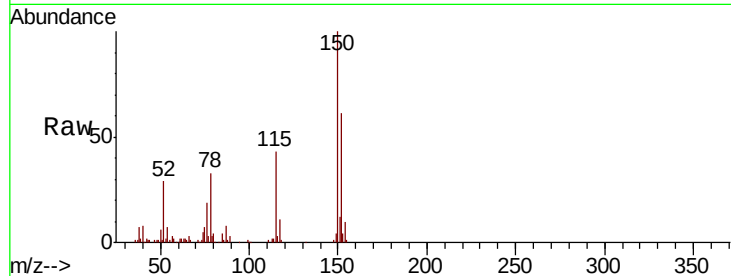


#1

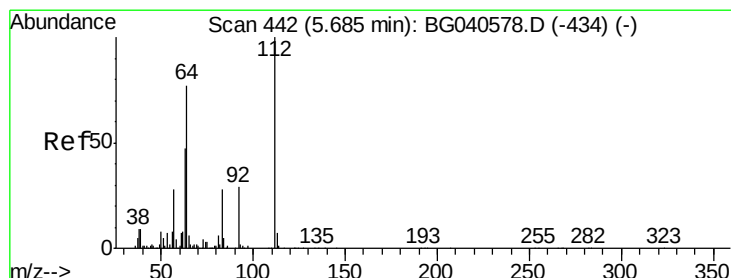
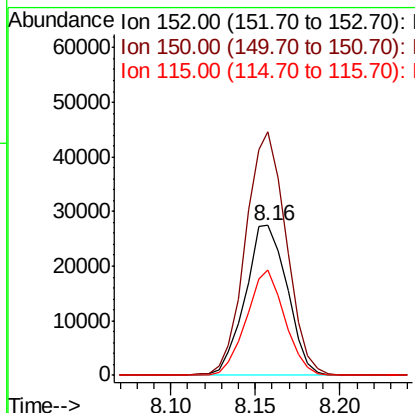
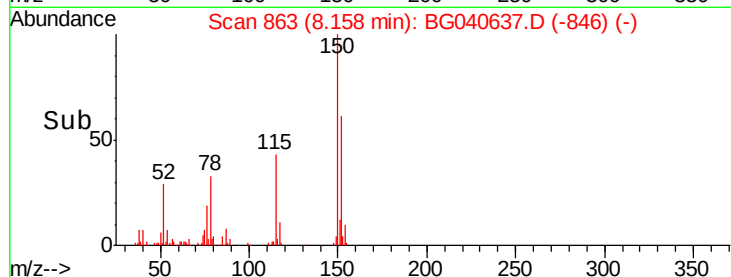
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040637.D
Acq: 26 Apr 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S37-0019

Tgt Ion:152 Resp: 47227
Ion Ratio Lower Upper
152 100
150 162.6 120.2 180.2
115 70.4 46.2 69.2#



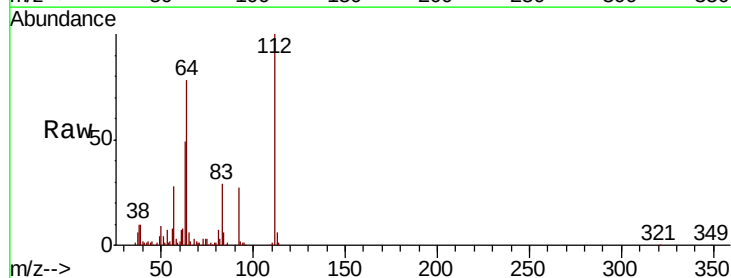
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



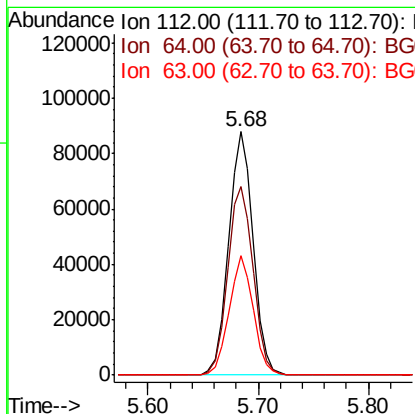
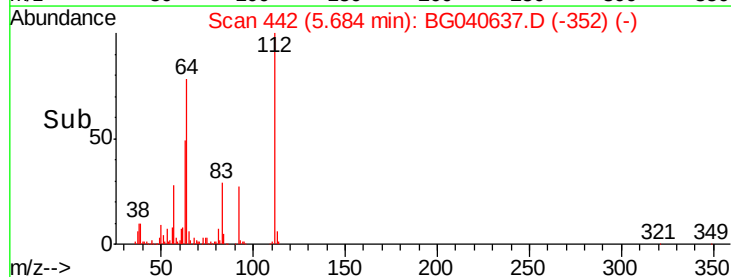
#5

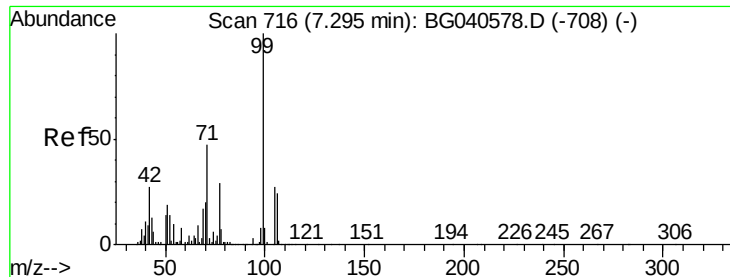
2-Fluorophenol
Concen: 50.946 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040637.D
Acq: 26 Apr 2019 19:59

Tgt Ion:112 Resp: 136492
Ion Ratio Lower Upper
112 100
64 77.5 61.4 92.0
63 48.9 37.8 56.6



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





#7

Phenol-d6

Concen: 30.112 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040637.D

Acq: 26 Apr 2019 19:59

Instrument :

BNA_G

ClientSampleId :

S37-0019

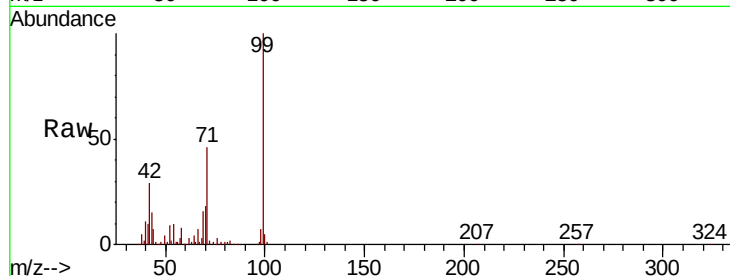
Tgt Ion: 99 Resp: 124217

Ion Ratio Lower Upper

99 100

42 28.6 21.8 32.8

71 45.7 38.6 57.8

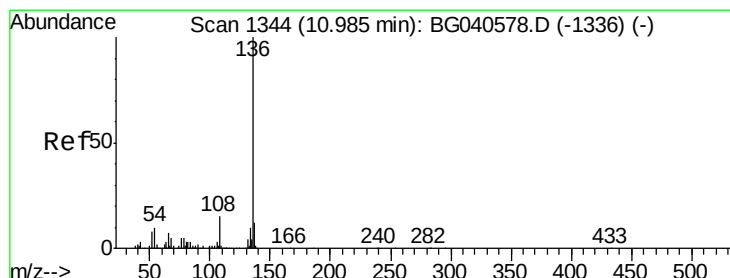
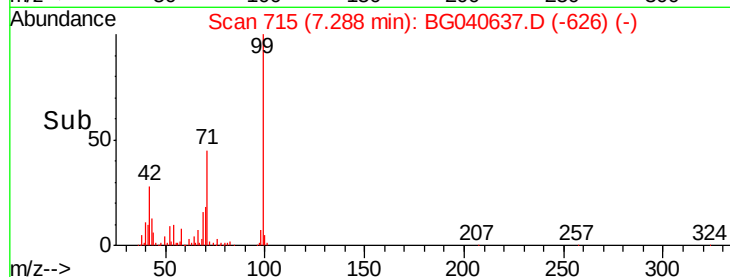
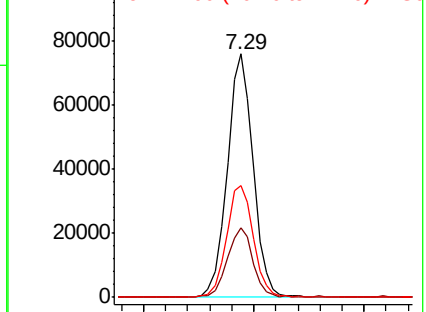


Abundance

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: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040637.D

Acq: 26 Apr 2019 19:59

Tgt Ion: 136 Resp: 200022

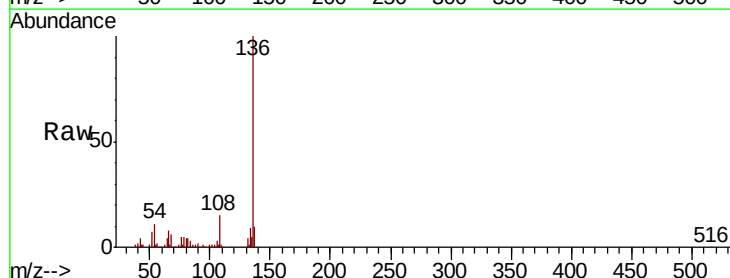
Ion Ratio Lower Upper

136 100

137 10.2 9.7 14.5

54 11.3 8.6 12.8

68 6.1 4.8 7.2



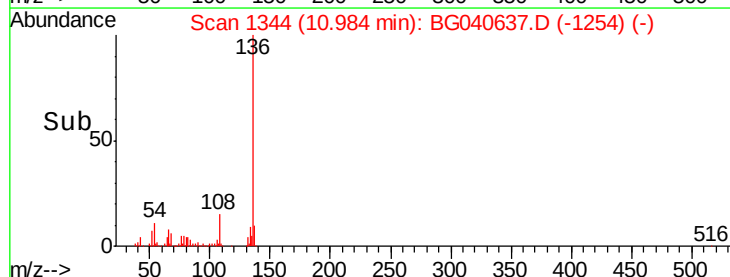
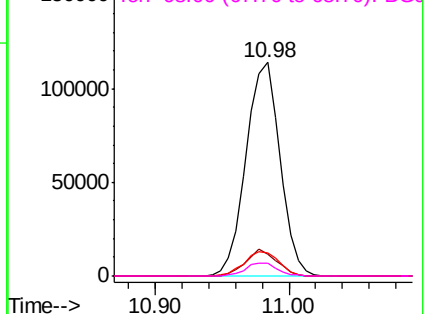
Abundance

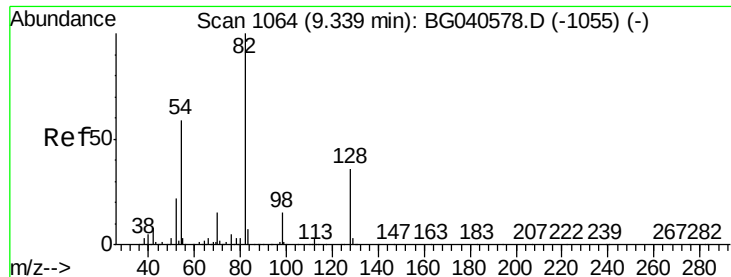
Ion 136.00 (135.70 to 136.70): BGC

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: 91.224 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG040637.D

Acq: 26 Apr 2019 19:59

Instrument :

BNA_G

ClientSampleId :

S37-0019

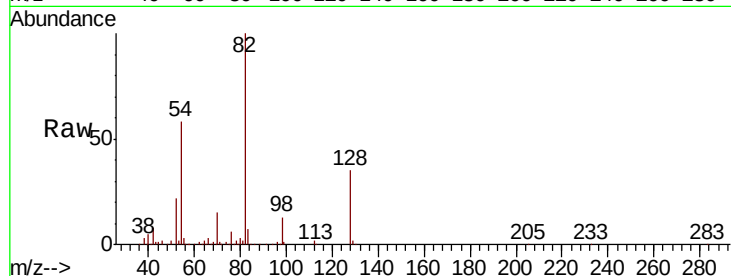
Tgt Ion: 82 Resp: 394898

Ion Ratio Lower Upper

82 100

128 34.7 28.9 43.3

54 57.8 47.2 70.8

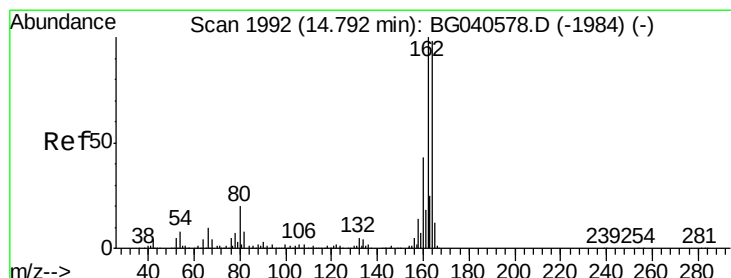
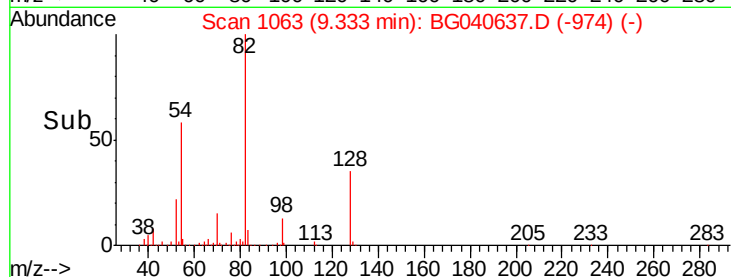
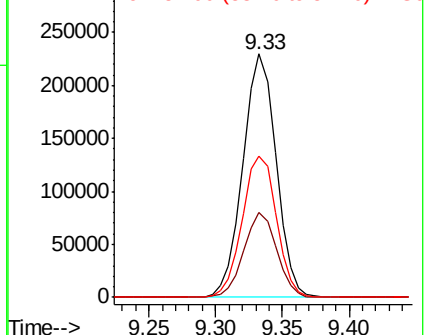


Abundance

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: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040637.D

Acq: 26 Apr 2019 19:59

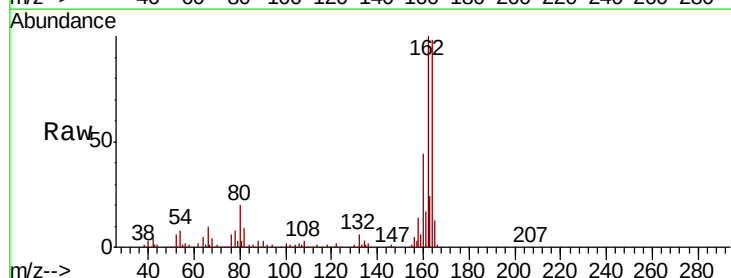
Tgt Ion: 164 Resp: 149802

Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

160 45.4 35.4 53.2

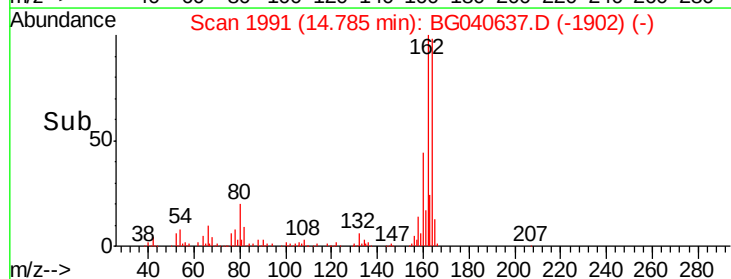
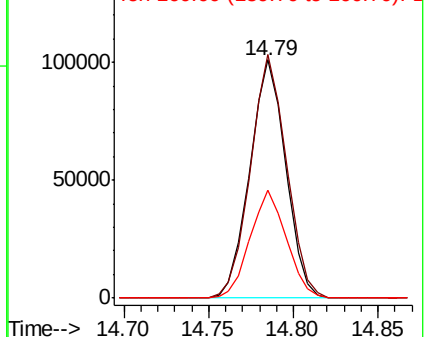


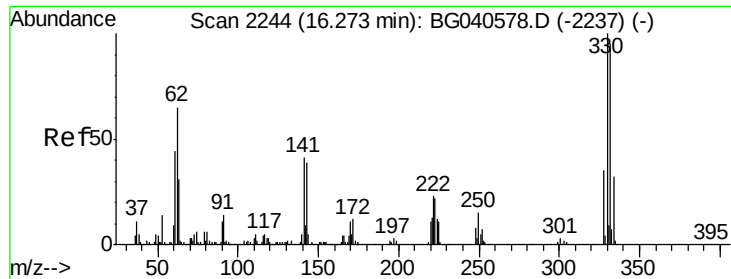
Abundance

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

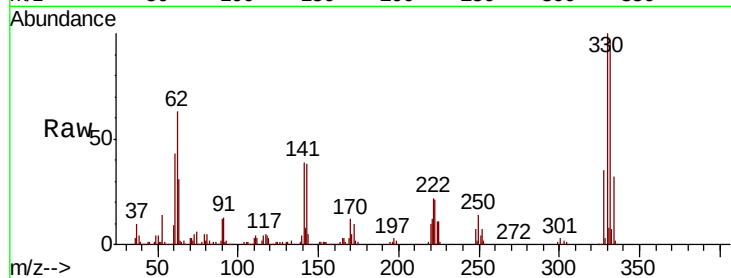




#42
 2,4,6-Tribromophenol
 Concen: 138.996 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG040637.D
 Acq: 26 Apr 2019 19:59

Instrument :
 BNA_G
 ClientSampled :
 S37-0019

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.9	113.9
141	41.0	32.4	48.6

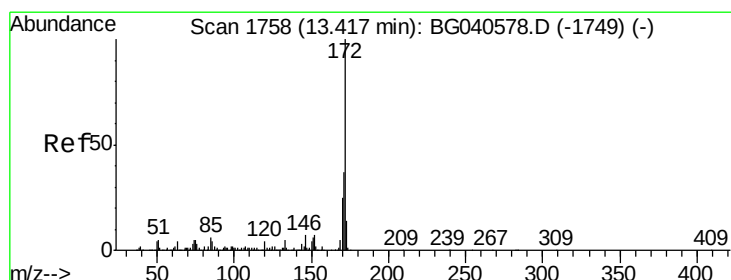
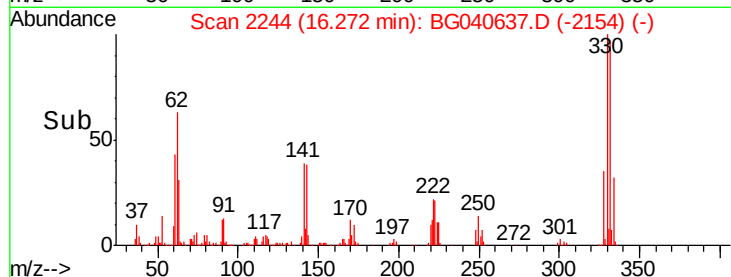
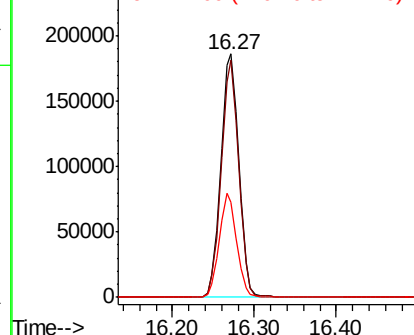


Abundance

Ion 329.80 (329.50 to 330.50): E

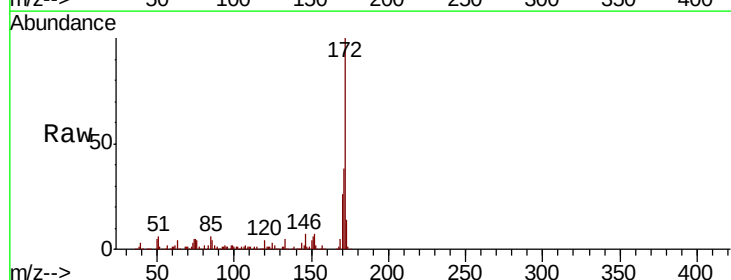
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.720 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040637.D
 Acq: 26 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.4	44.2
170	25.6	19.9	29.9

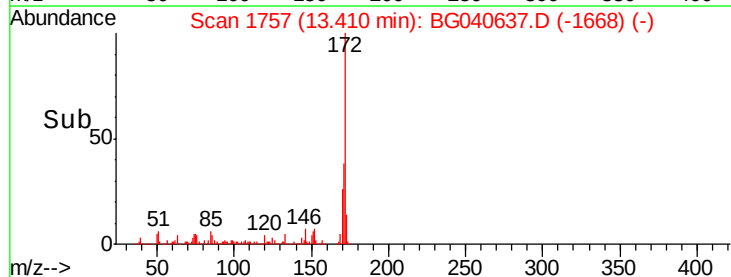
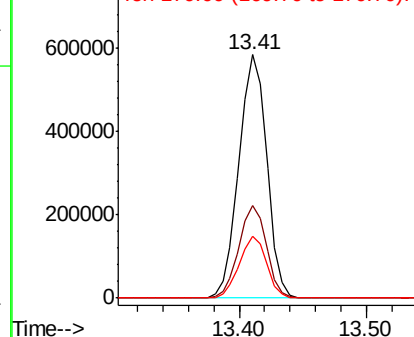


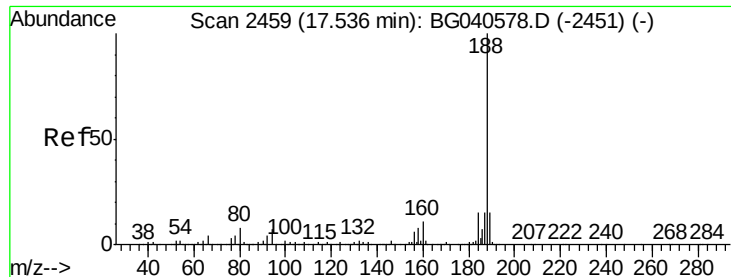
Abundance

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

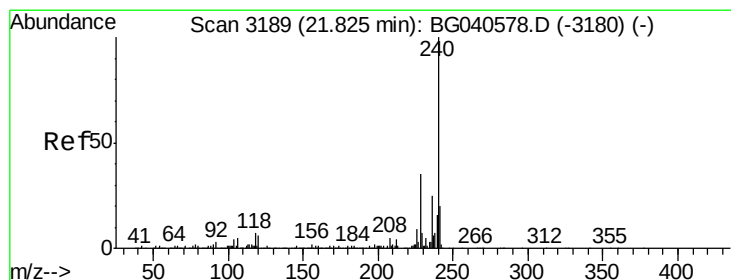
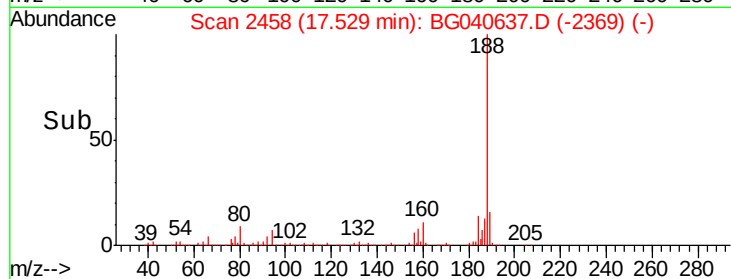
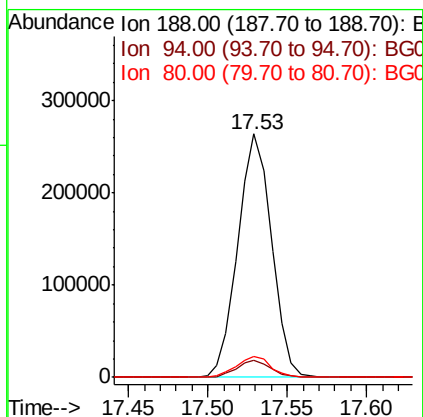
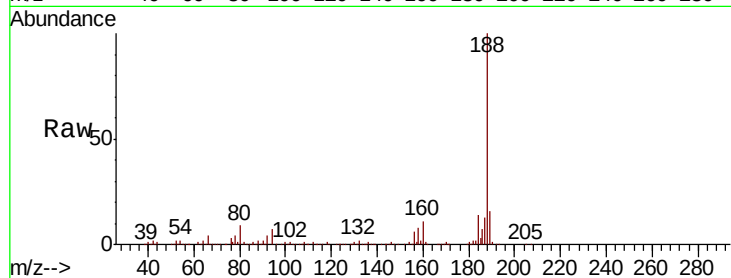




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040637.D
Acq: 26 Apr 2019 19:59

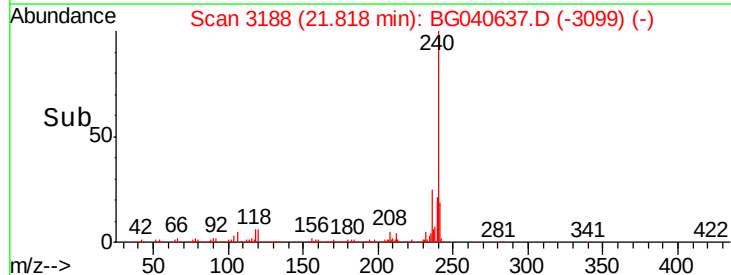
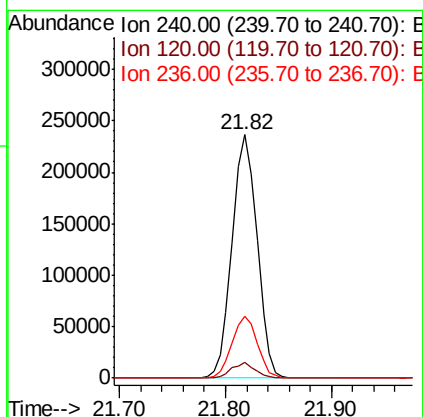
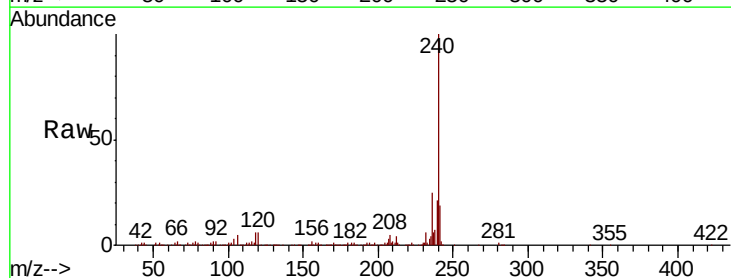
Instrument :
BNA_G
ClientSampleId :
S37-0019

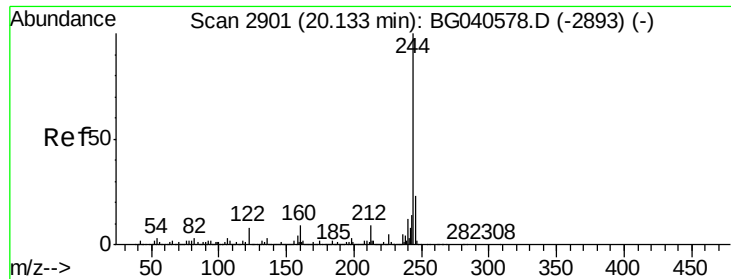
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.6	8.4
80	8.6	6.4	9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040637.D
Acq: 26 Apr 2019 19:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.0	7.6
236	25.3	20.3	30.5





#79

Terphenyl-d14

Concen: 92.246 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040637.D

Acq: 26 Apr 2019 19:59

Instrument :

BNA_G

ClientSampleId :

S37-0019

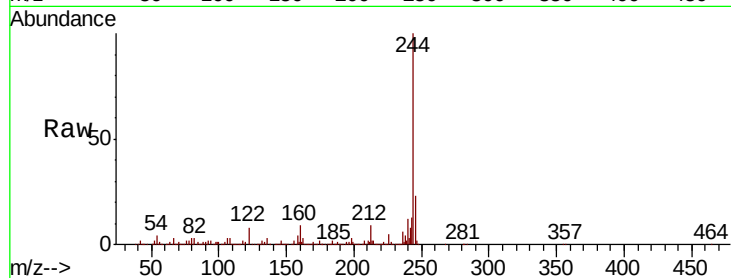
Tgt Ion:244 Resp: 1607716

Ion Ratio Lower Upper

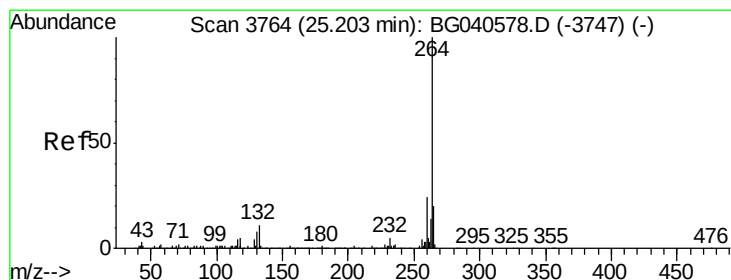
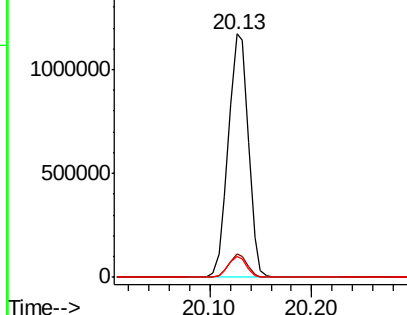
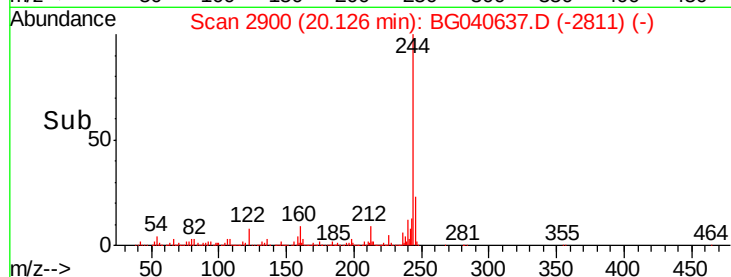
244 100

212 9.5 7.2 10.8

122 8.5 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: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040637.D

Acq: 26 Apr 2019 19:59

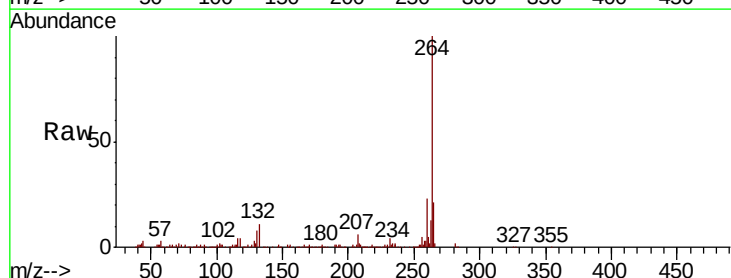
Tgt Ion:264 Resp: 401817

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.5 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

