

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040625.D
 Acq On : 26 Apr 2019 12:26
 Operator : JU/SJ
 Sample : K2535-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016

Quant Time: Apr 27 03:13:09 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	46995	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	205038	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	153886	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	414896	20.00	ng	0.00
76) Chrysene-d12	21.82	240	426123	20.00	ng	0.00
87) Perylene-d12	25.19	264	444022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	155837	58.45	ng	0.00
7) Phenol-d6	7.29	99	148546	36.19	ng	0.00
23) Nitrobenzene-d5	9.33	82	409344	92.25	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	298963	141.34	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	856679	80.40	ng	0.00
79) Terphenyl-d14	20.13	244	1764181	91.72	ng	0.00

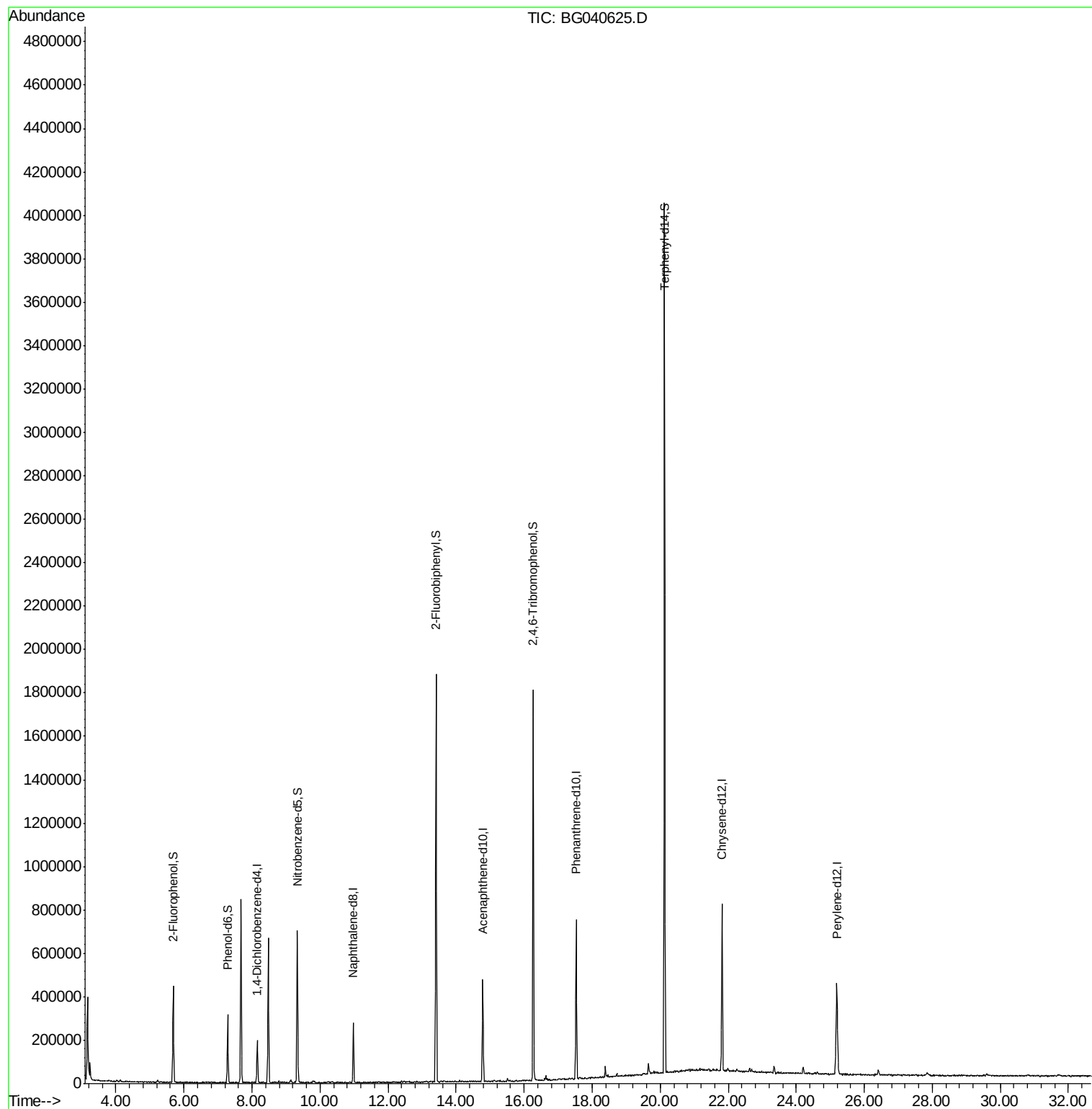
Target Compounds	Qvalue
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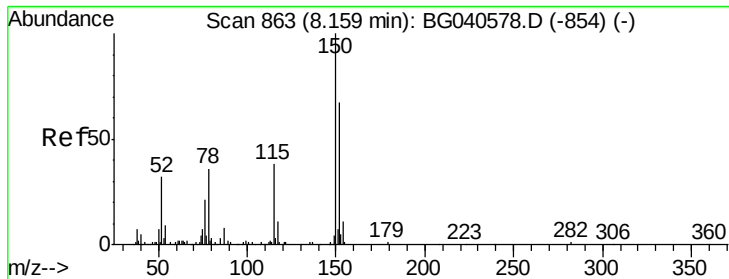
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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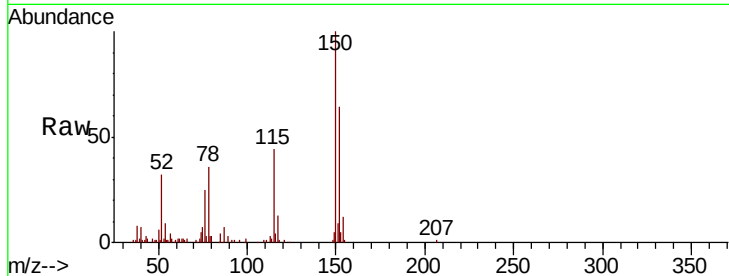


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040625.D
Acq: 26 Apr 2019 12:26

Instrument :
BNA_G
ClientSampleId :
S37-0016

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	120.2	180.2
115	68.8	46.2	69.2

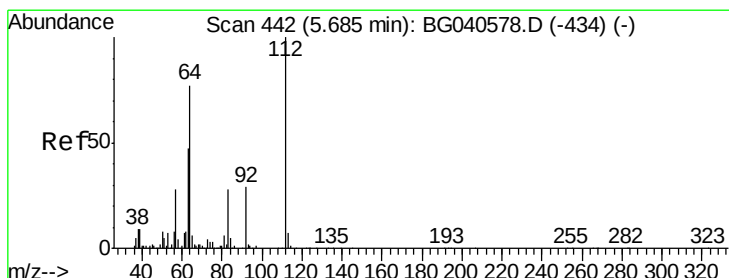
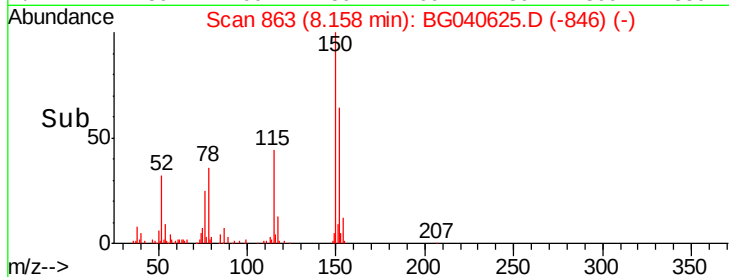
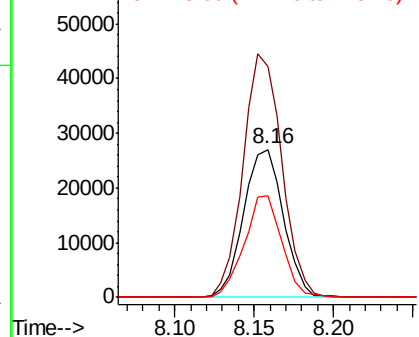


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

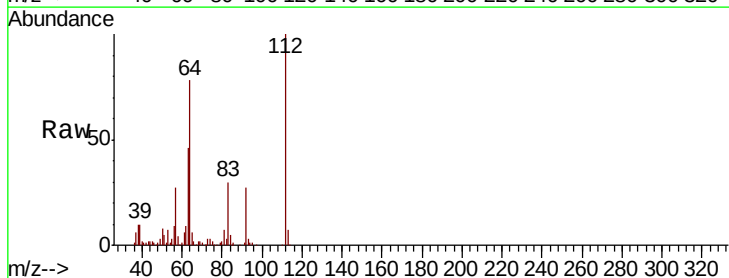
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.454 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040625.D
Acq: 26 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.1	61.4	92.0
63	46.3	37.8	56.6

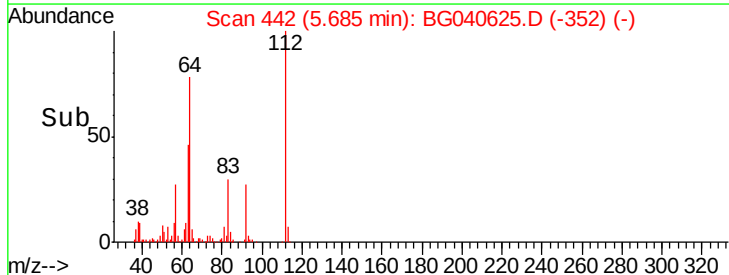
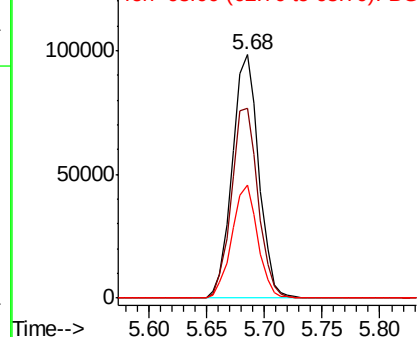


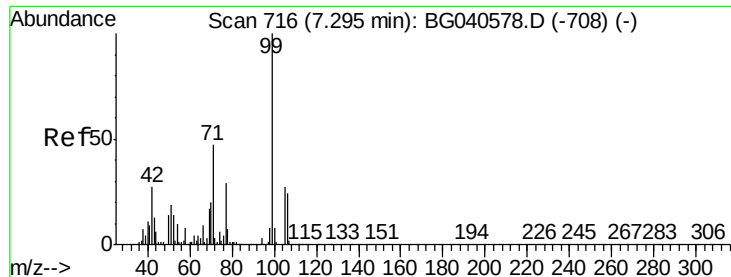
Abundance

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: 36.188 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040625.D

Acq: 26 Apr 2019 12:26

Instrument :

BNA_G

ClientSampleId :

S37-0016

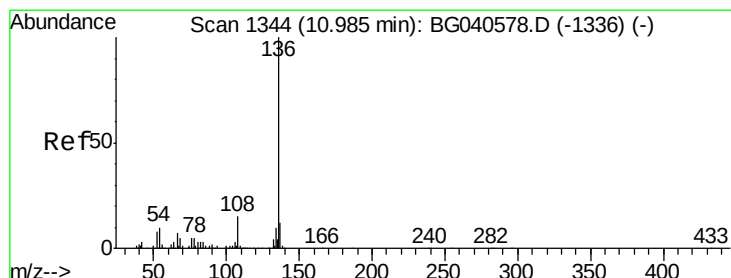
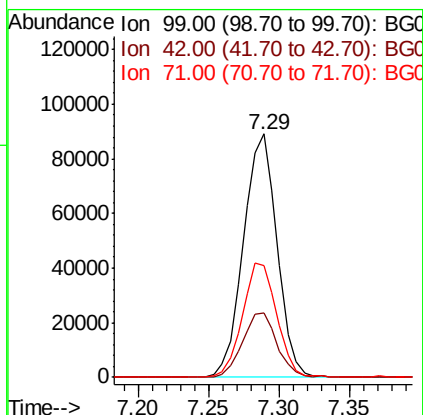
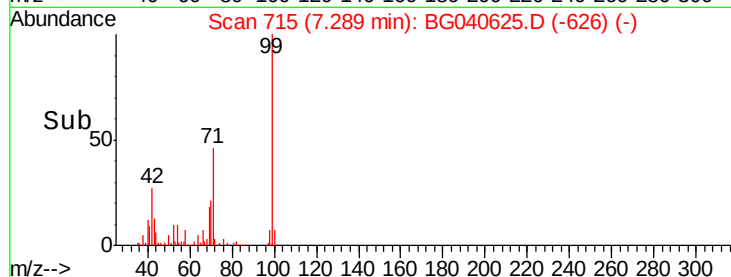
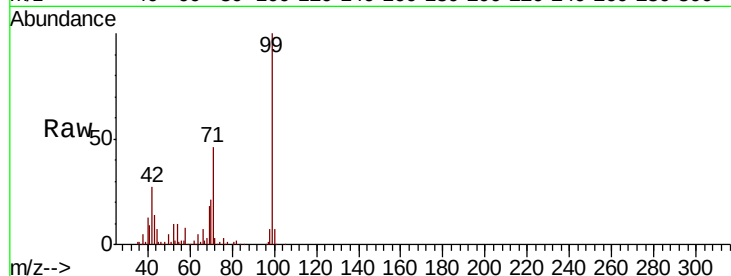
Tgt Ion: 99 Resp: 148546

Ion Ratio Lower Upper

99 100

42 26.6 21.8 32.8

71 46.2 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040625.D

Acq: 26 Apr 2019 12:26

Tgt Ion: 136 Resp: 205038

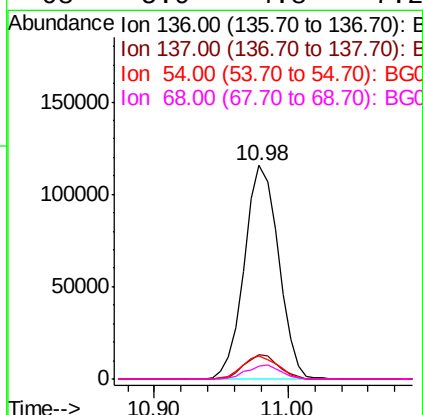
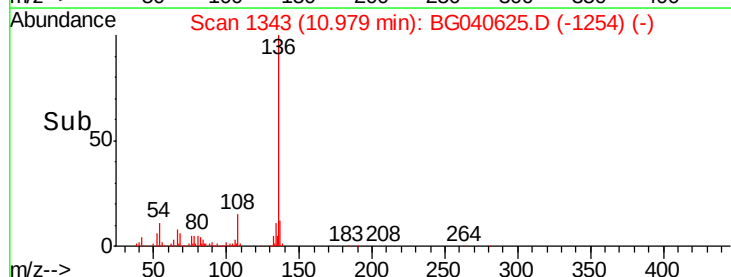
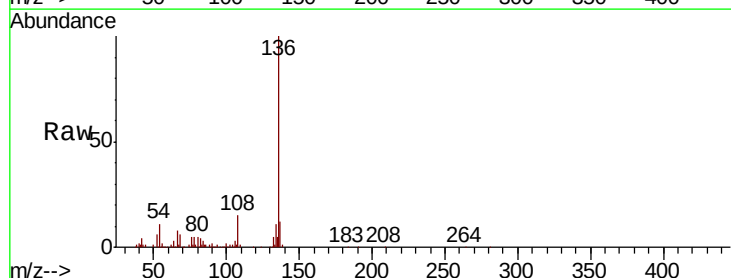
Ion Ratio Lower Upper

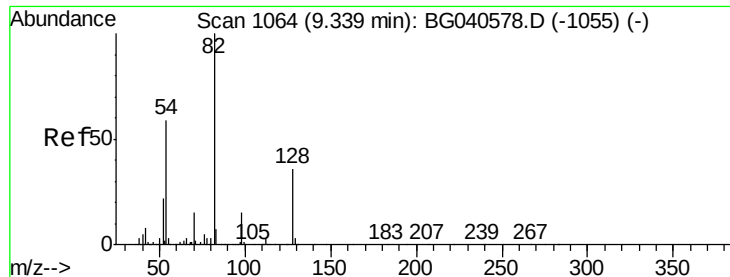
136 100

137 11.6 9.7 14.5

54 10.9 8.6 12.8

68 5.9 4.8 7.2

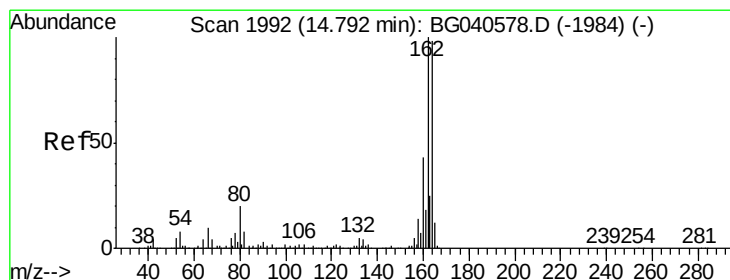
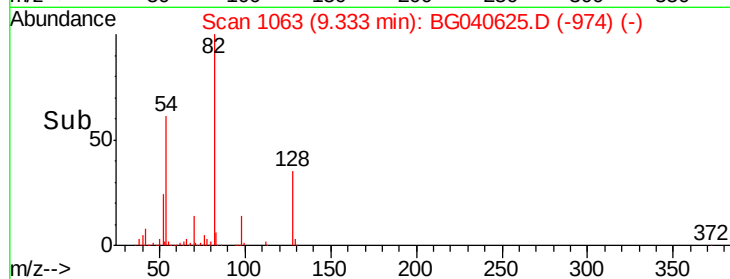
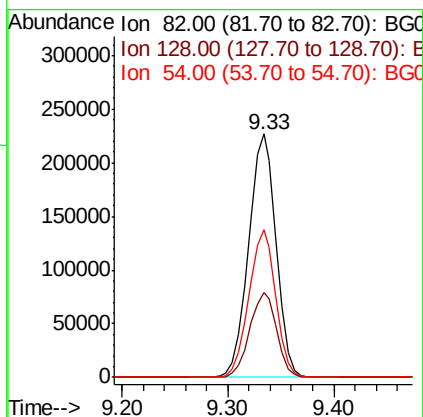
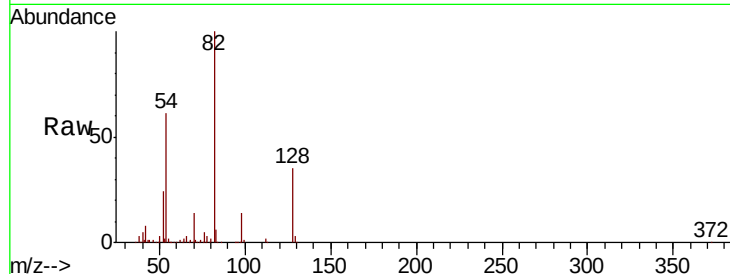




#23
Nitrobenzene-d5
Concen: 92.248 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040625.D
Acq: 26 Apr 2019 12:26

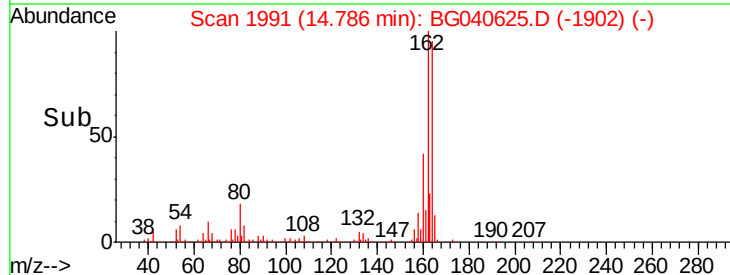
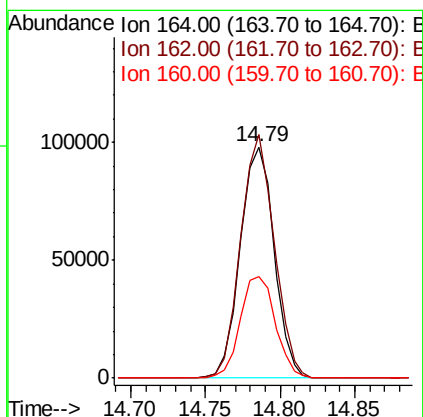
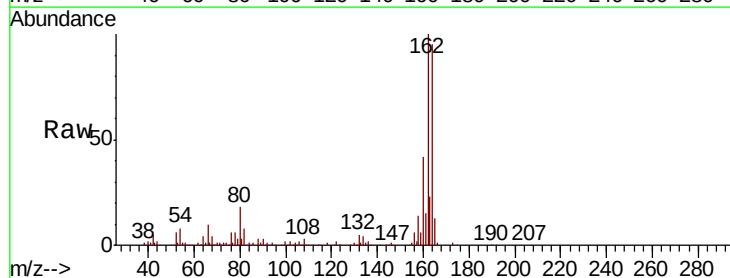
Instrument :
BNA_G
ClientSampleId :
S37-0016

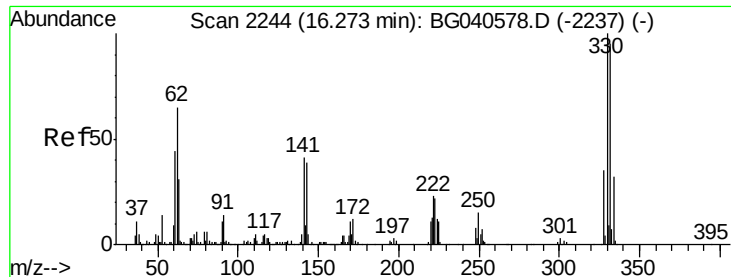
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.9	43.3
54	60.7	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040625.D
Acq: 26 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	81.9	122.9
160	43.8	35.4	53.2

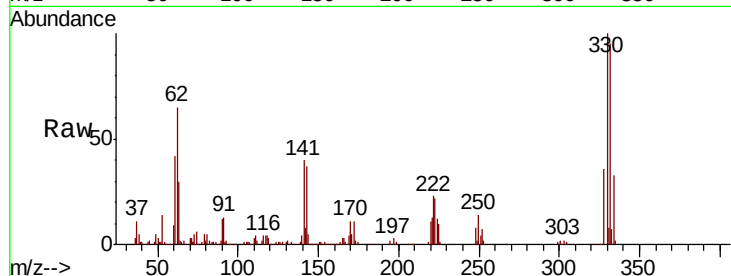




#42
2,4,6-Tribromophenol
Concen: 141.340 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG040625.D
Acq: 26 Apr 2019 12:26

Instrument :
BNA_G
ClientSampleId :
S37-0016

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.9	113.9
141	42.6	32.4	48.6

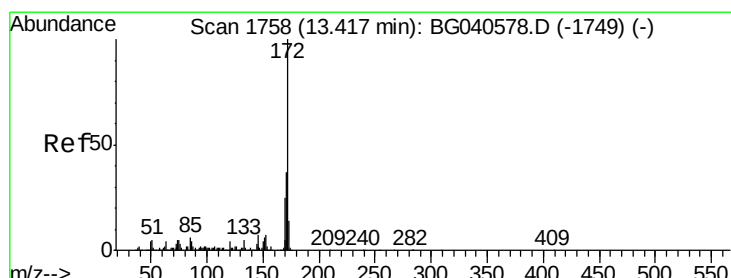
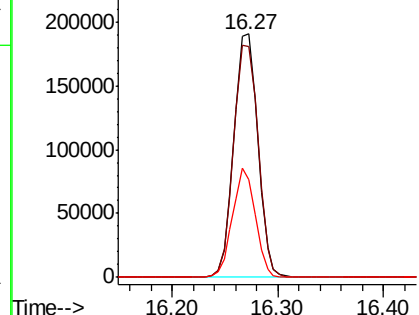
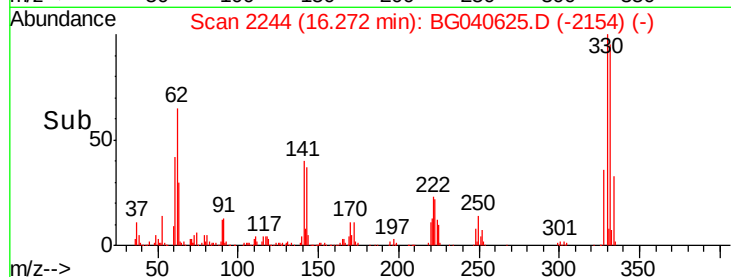


Abundance

Ion 329.80 (329.50 to 330.50): E

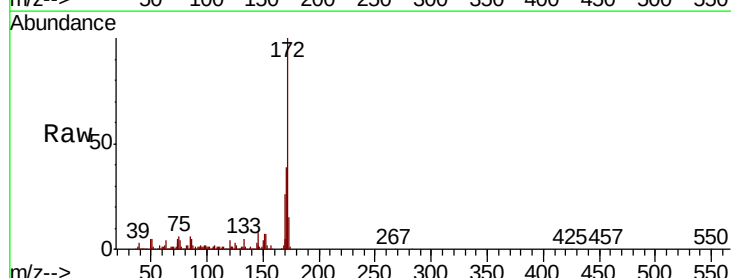
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 80.398 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040625.D
Acq: 26 Apr 2019 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.4	44.2
170	25.9	19.9	29.9

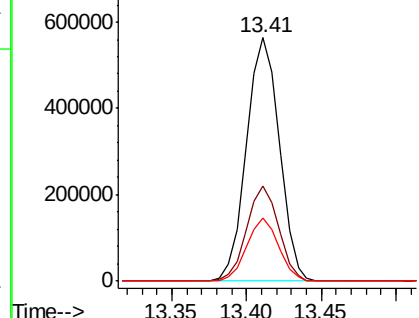
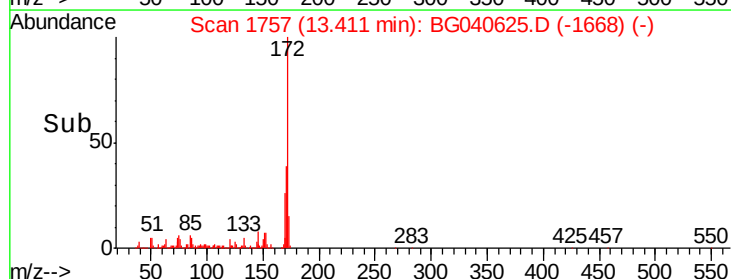


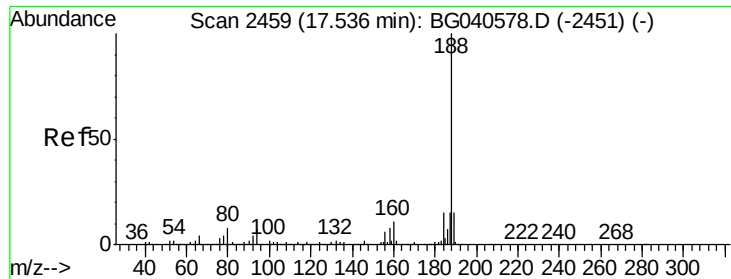
Abundance

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: BG040625.D

Acq: 26 Apr 2019 12:26

Instrument :

BNA_G

ClientSampleId :

S37-0016

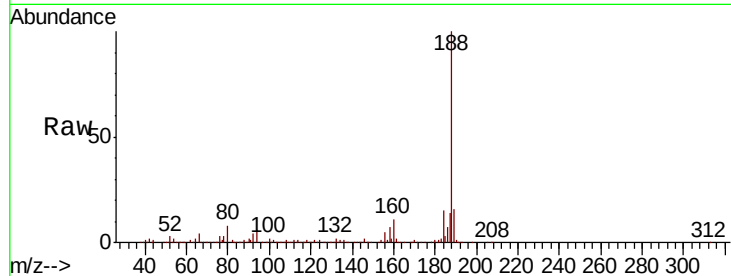
Tgt Ion:188 Resp: 414896

Ion Ratio Lower Upper

188 100

94 6.4 5.6 8.4

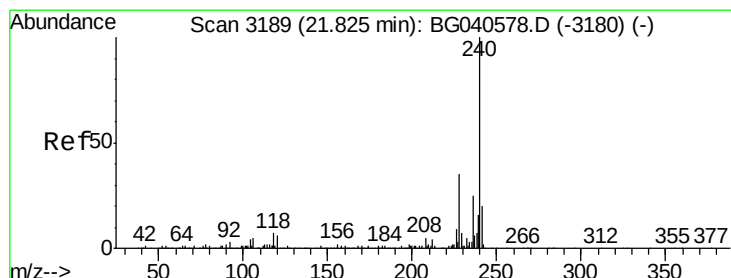
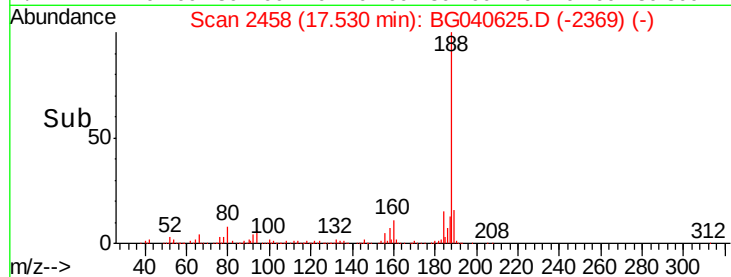
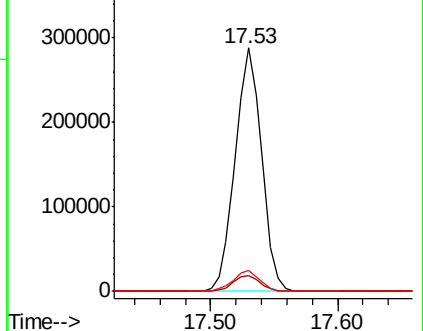
80 8.3 6.4 9.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040625.D

Acq: 26 Apr 2019 12:26

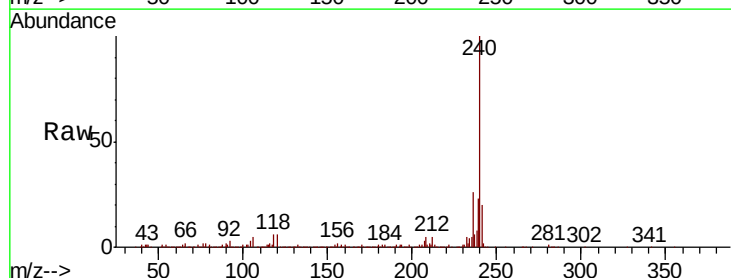
Tgt Ion:240 Resp: 426123

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.6

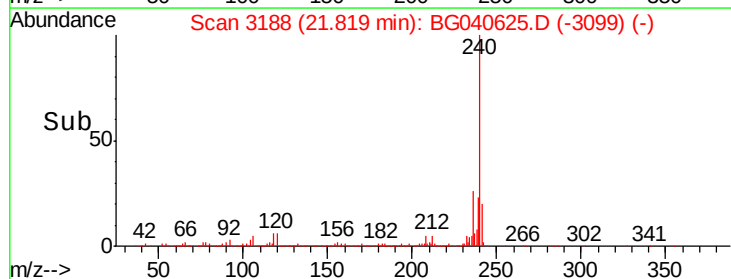
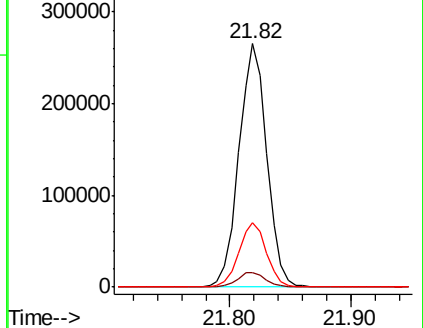
236 26.4 20.3 30.5

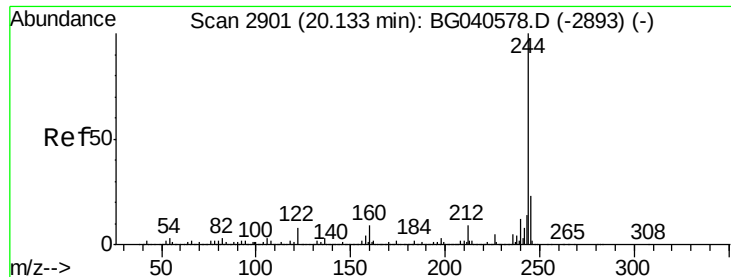


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.720 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040625.D

Acq: 26 Apr 2019 12:26

Instrument :

BNA_G

ClientSampleId :

S37-0016

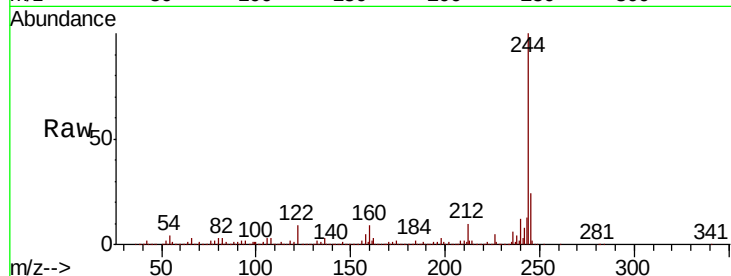
Tgt Ion:244 Resp: 1764181

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

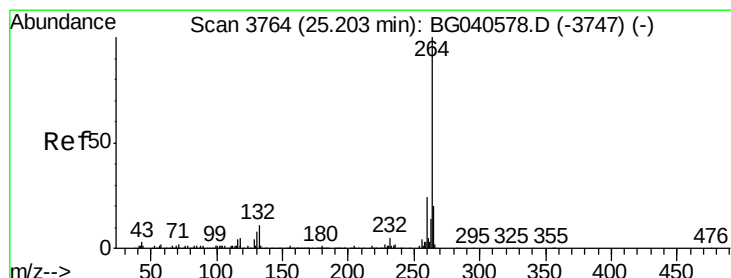
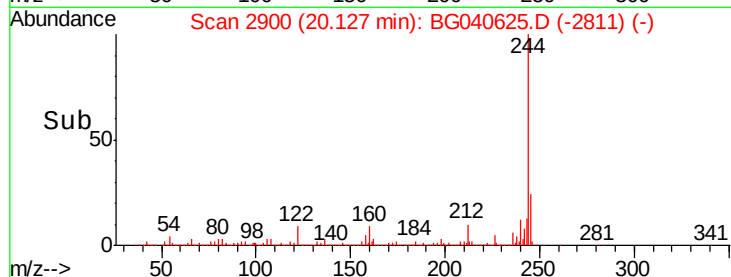
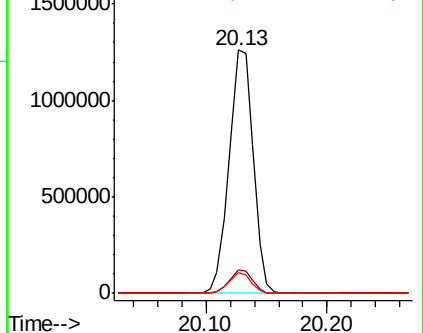
122 8.8 6.6 10.0



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG040625.D

Acq: 26 Apr 2019 12:26

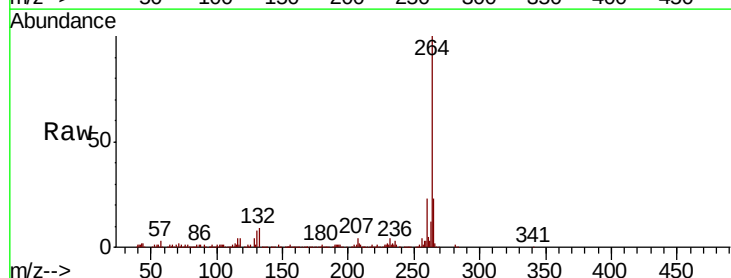
Tgt Ion:264 Resp: 444022

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.6 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

