

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040792.D
 Acq On : 8 May 2019 17:45
 Operator : HP/JU
 Sample : K2635-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-A

Quant Time: May 09 05:06:37 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	8.14	152	47594	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	194424	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	143244	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	412640	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	405256	20.00	ng	-0.03
87) Perylene-d12	25.15	264	319368	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	396318	146.79	ng	0.00
7) Phenol-d6	7.28	99	530523	127.62	ng	-0.02
23) Nitrobenzene-d5	9.32	82	454256	107.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	328251	166.72	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	986844	99.49	ng	-0.02
79) Terphenyl-d14	20.11	244	1993932	109.00	ng	-0.02

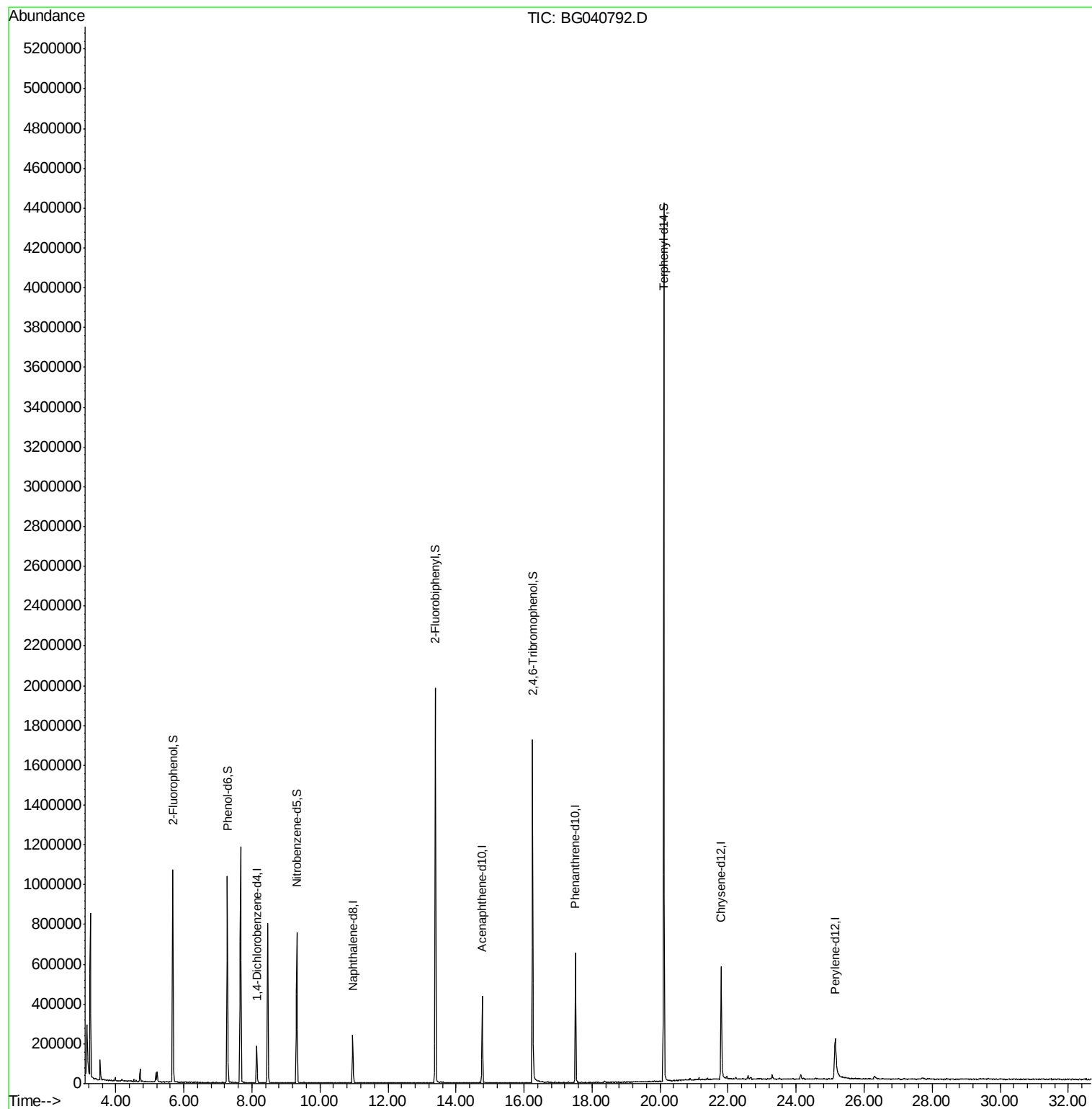
Target Compounds Qvalue

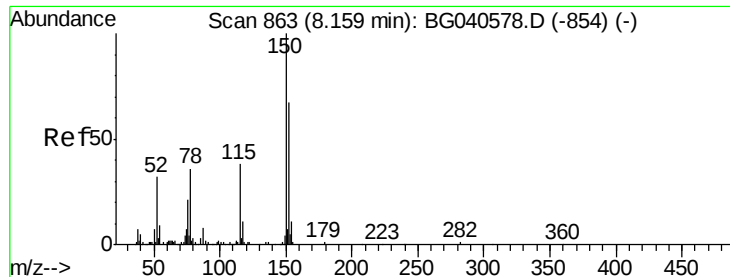
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

Instrument :

BNA_G

ClientSampleId :

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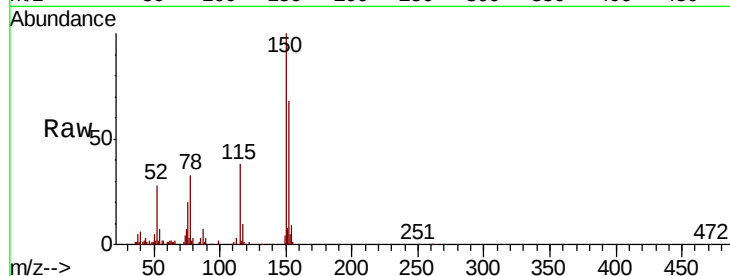
Tot Ion:152 Resp: 47594

Ion Ratio Lower Upper

152 100

150 146.5 120.2 180.2

115 55.8 46.2 69.2

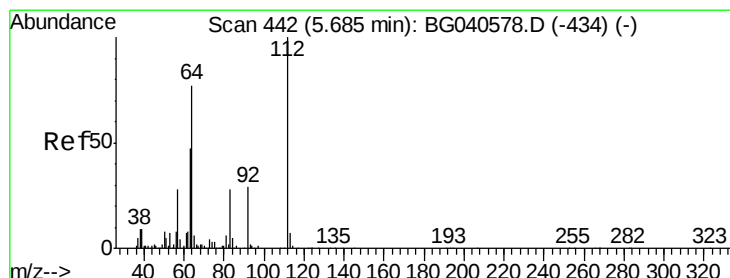
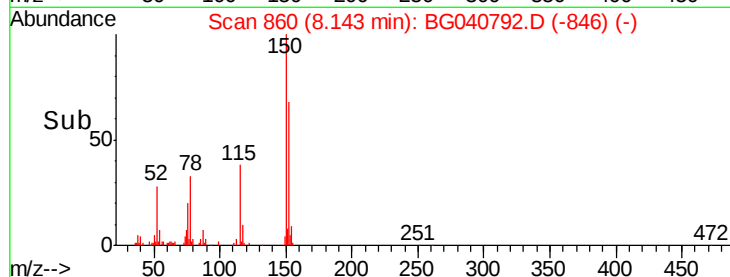
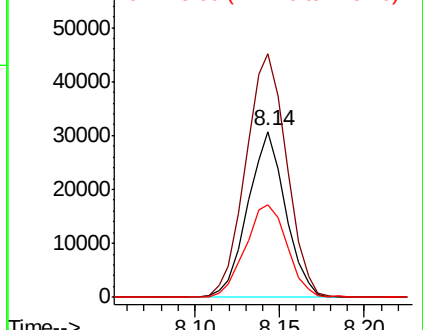


Abundance

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: 146.786 ng

RT: 5.68 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

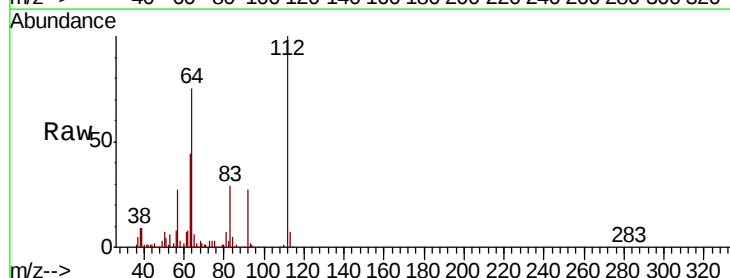
Tgt Ion:112 Resp: 396318

Ion Ratio Lower Upper

112 100

64 75.4 61.4 92.0

63 44.3 37.8 56.6

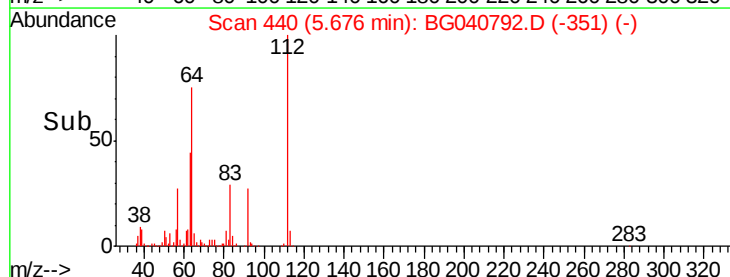
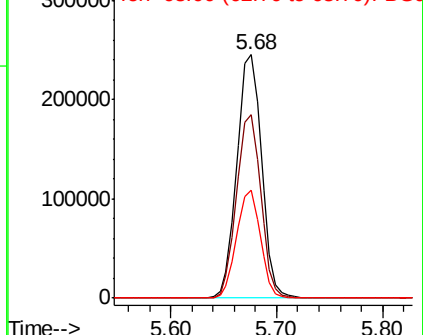


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.616 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

Instrument :

BNA_G

ClientSampleId :

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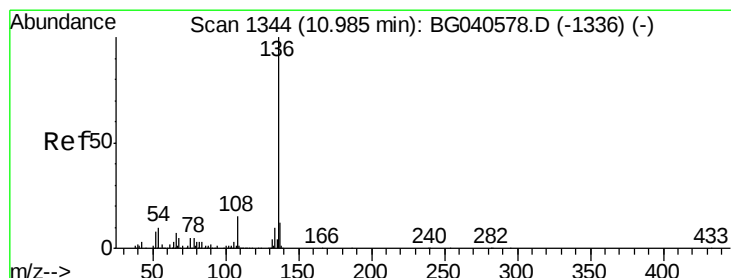
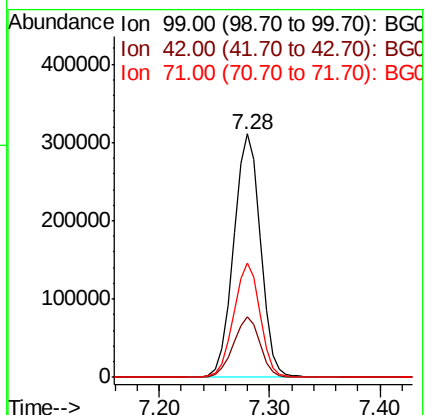
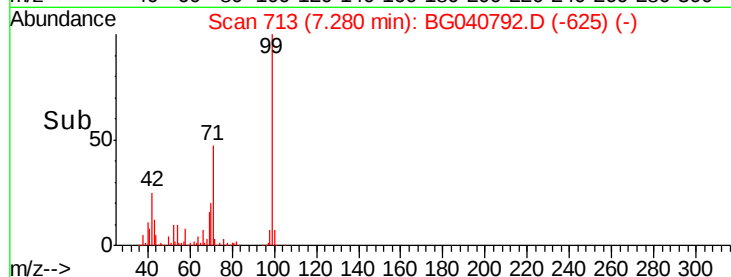
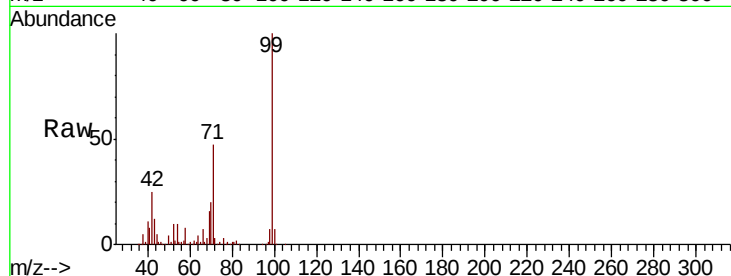
Tot Ion: 99 Resp: 530523

Ion Ratio Lower Upper

99 100

42 24.9 21.8 32.8

71 47.1 38.6 57.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.96 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

Tgt Ion: 136 Resp: 194424

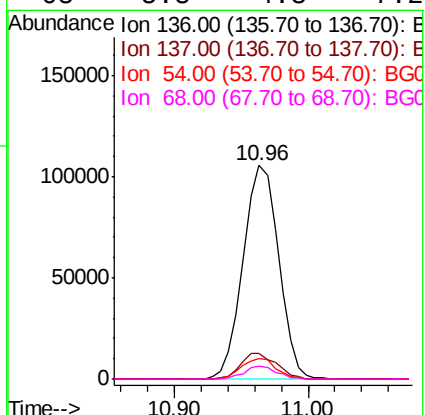
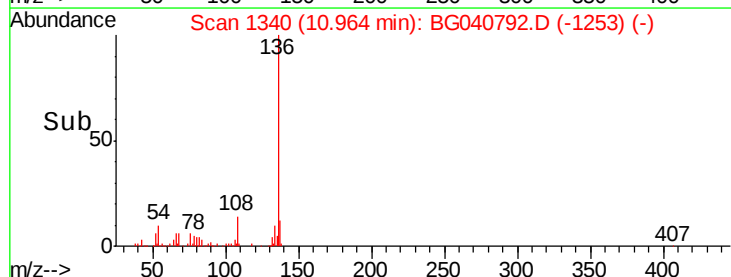
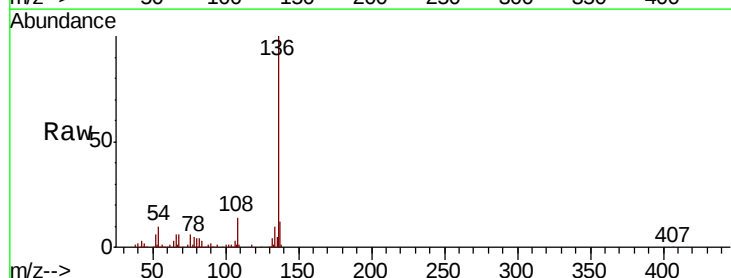
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 9.7 8.6 12.8

68 5.8 4.8 7.2

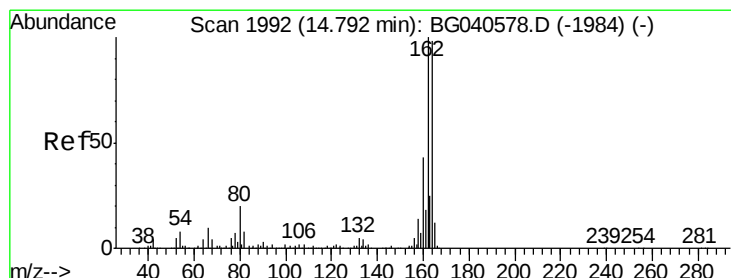
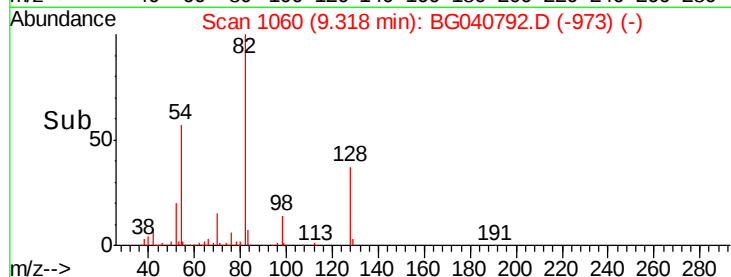
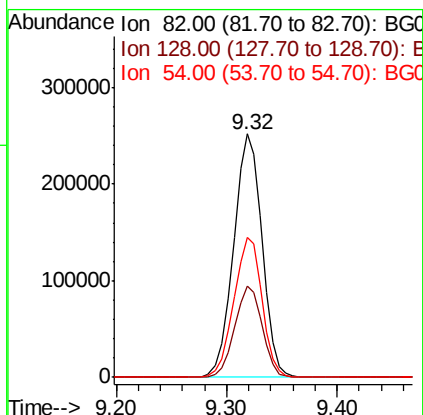
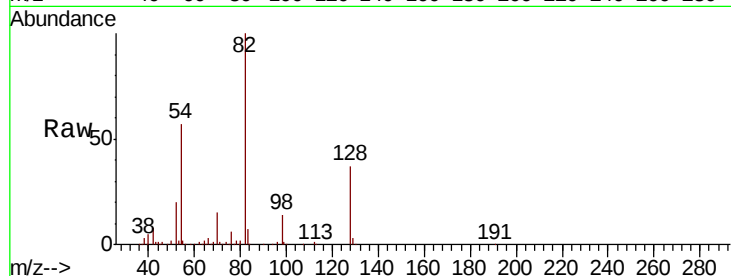




#23
Nitrobenzene-d5
Concen: 107.957 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040792.D
Acq: 8 May 2019 17:45

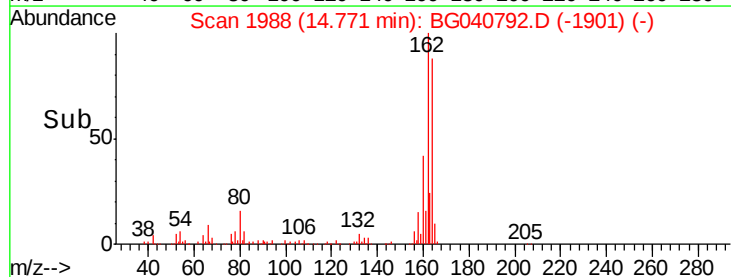
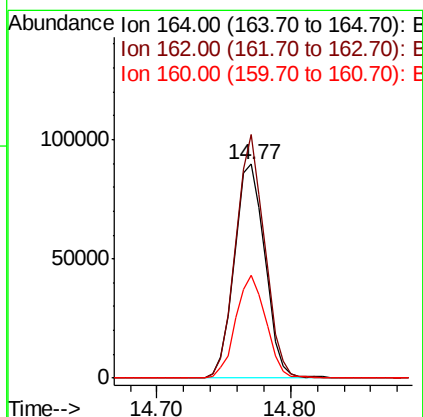
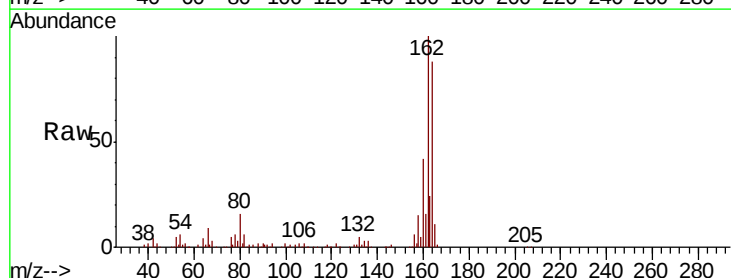
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-A

Tot Ion	82	Resp	454256
Ion Ratio	Lower	Upper	
82	100		
128	37.5	28.9	43.3
54	57.4	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040792.D
Acq: 8 May 2019 17:45

Tgt Ion	164	Resp	143244
Ion Ratio	Lower	Upper	
164	100		
162	113.7	81.9	122.9
160	48.1	35.4	53.2

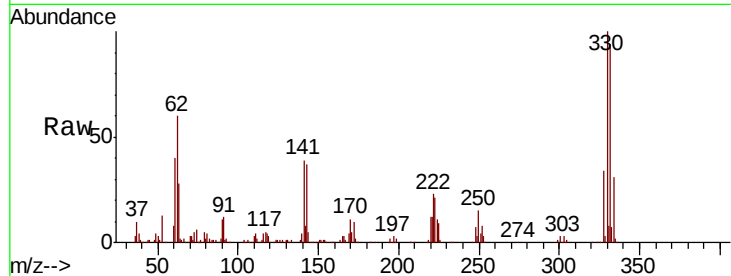




#42
2,4,6-Tribromophenol
Concen: 166.716 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.02 min
Lab File: BG040792.D
Acq: 8 May 2019 17:45

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.9	113.9
141	36.3	32.4	48.6

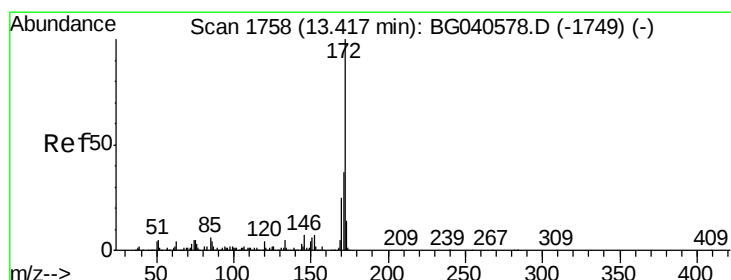
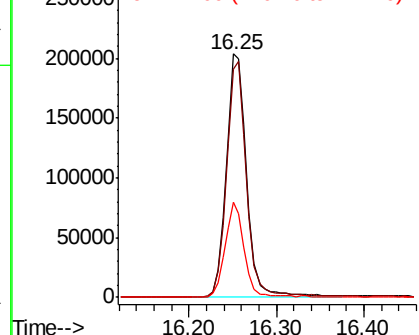
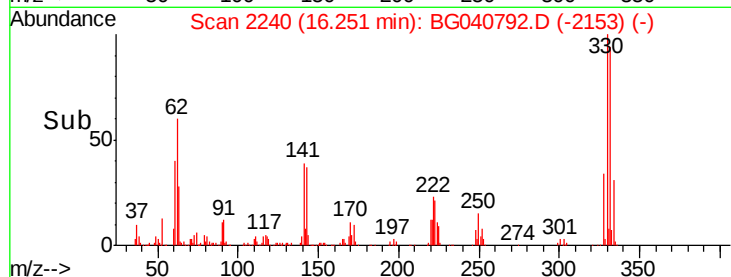


Abundance

Ion 329.80 (329.50 to 330.50): E

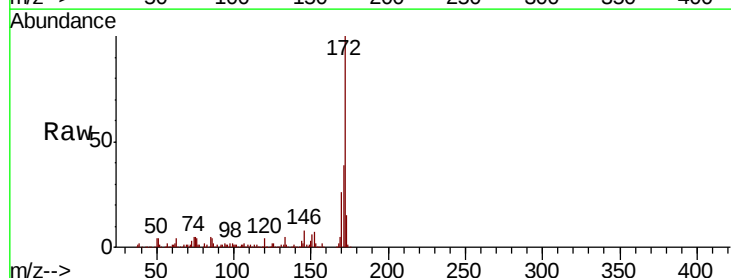
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 99.495 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040792.D
Acq: 8 May 2019 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.7	19.9	29.9

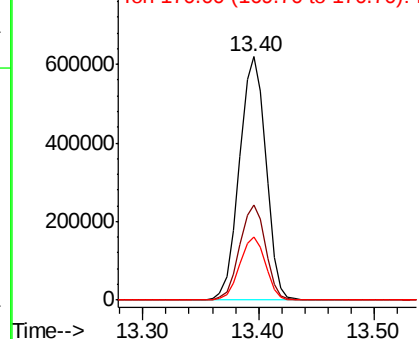
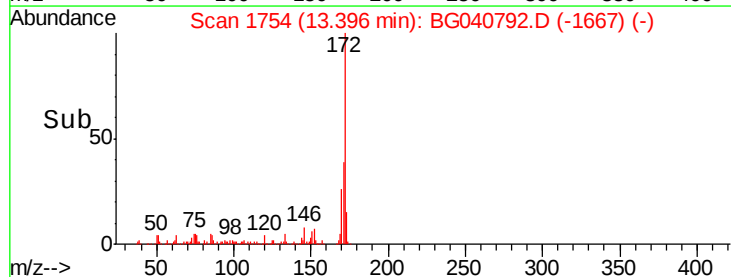


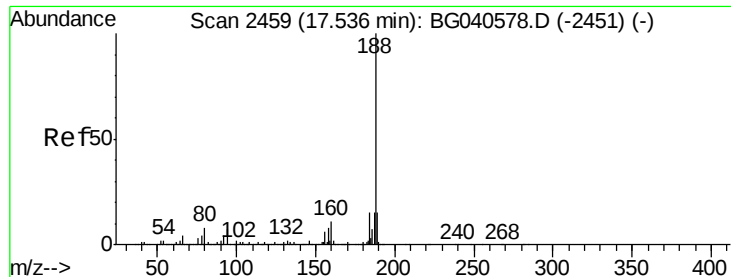
Abundance

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-A

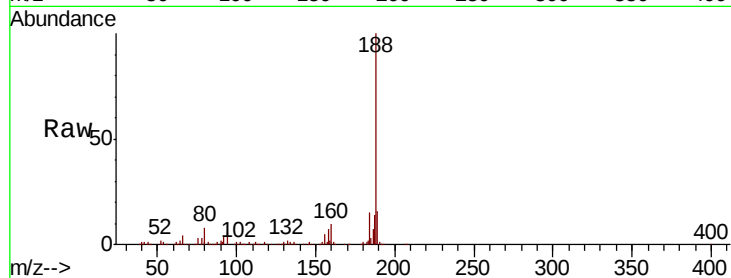
Tot Ion:188 Resp: 412640

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

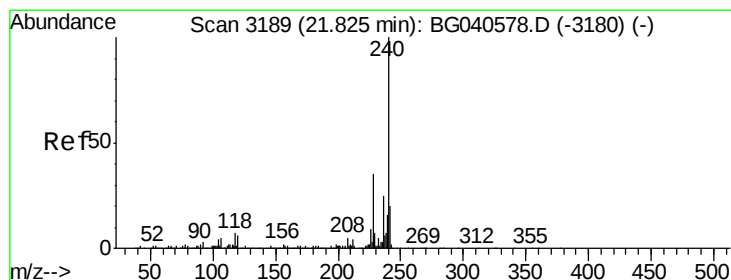
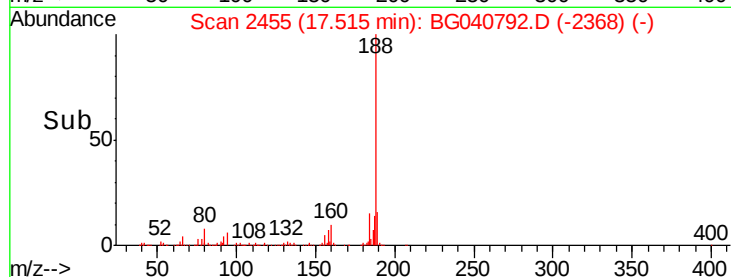
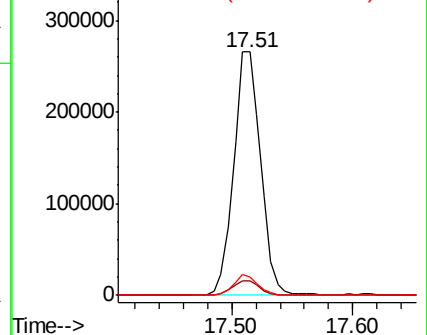
80 7.6 6.4 9.6



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# 3184

Delta R.T. -0.03 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

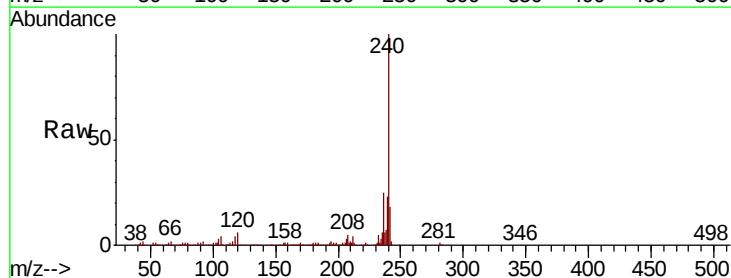
Tgt Ion:240 Resp: 405256

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

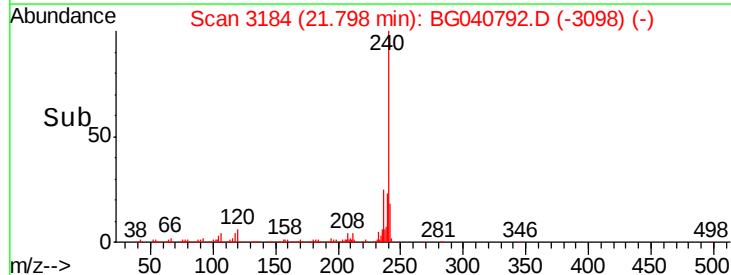
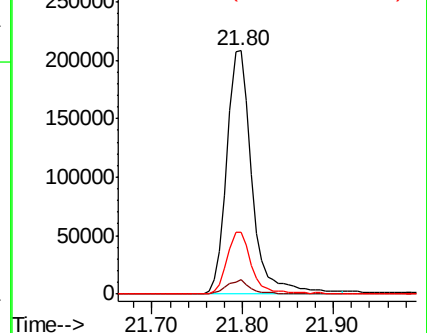
236 25.3 20.3 30.5

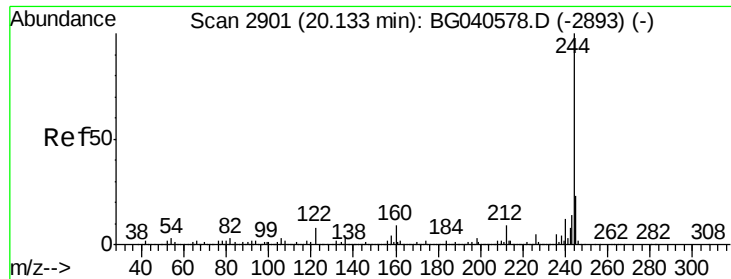


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 109.003 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

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AU-05-050219-A

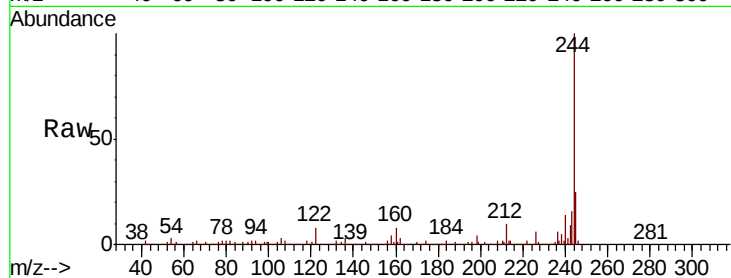
Tot Ion:244 Resp: 1993932

Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

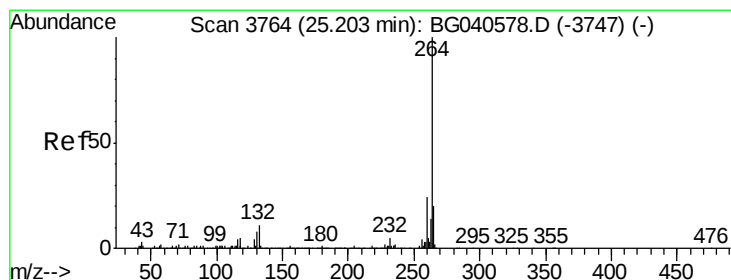
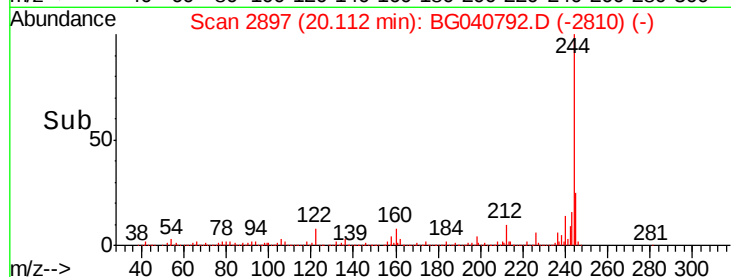
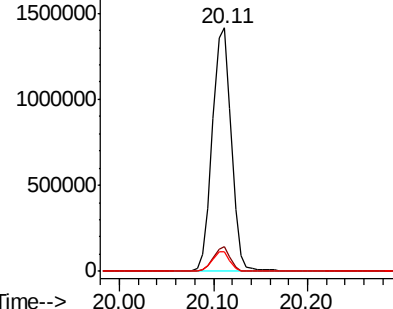
122 8.1 6.6 10.0



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040792.D

Acq: 8 May 2019 17:45

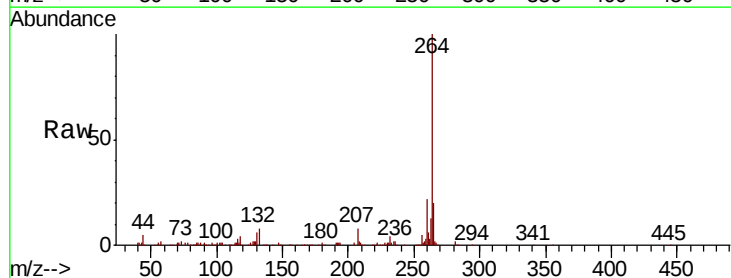
Tgt Ion:264 Resp: 319368

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 20.1 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

