

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040738.D
 Acq On : 3 May 2019 23:33
 Operator : JU/SJ
 Sample : K2668-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: May 05 23:47:13 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	37327	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	158796	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	121016	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	336834	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	346596	20.00	ng	-0.03
87) Perylene-d12	25.15	264	347128	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	394560	186.33	ng	0.00
7) Phenol-d6	7.29	99	525061	161.04	ng	0.00
23) Nitrobenzene-d5	9.32	82	456662	132.88	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	304014	182.77	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1006102	120.07	ng	-0.02
79) Terphenyl-d14	20.11	244	2033229	129.96	ng	-0.02

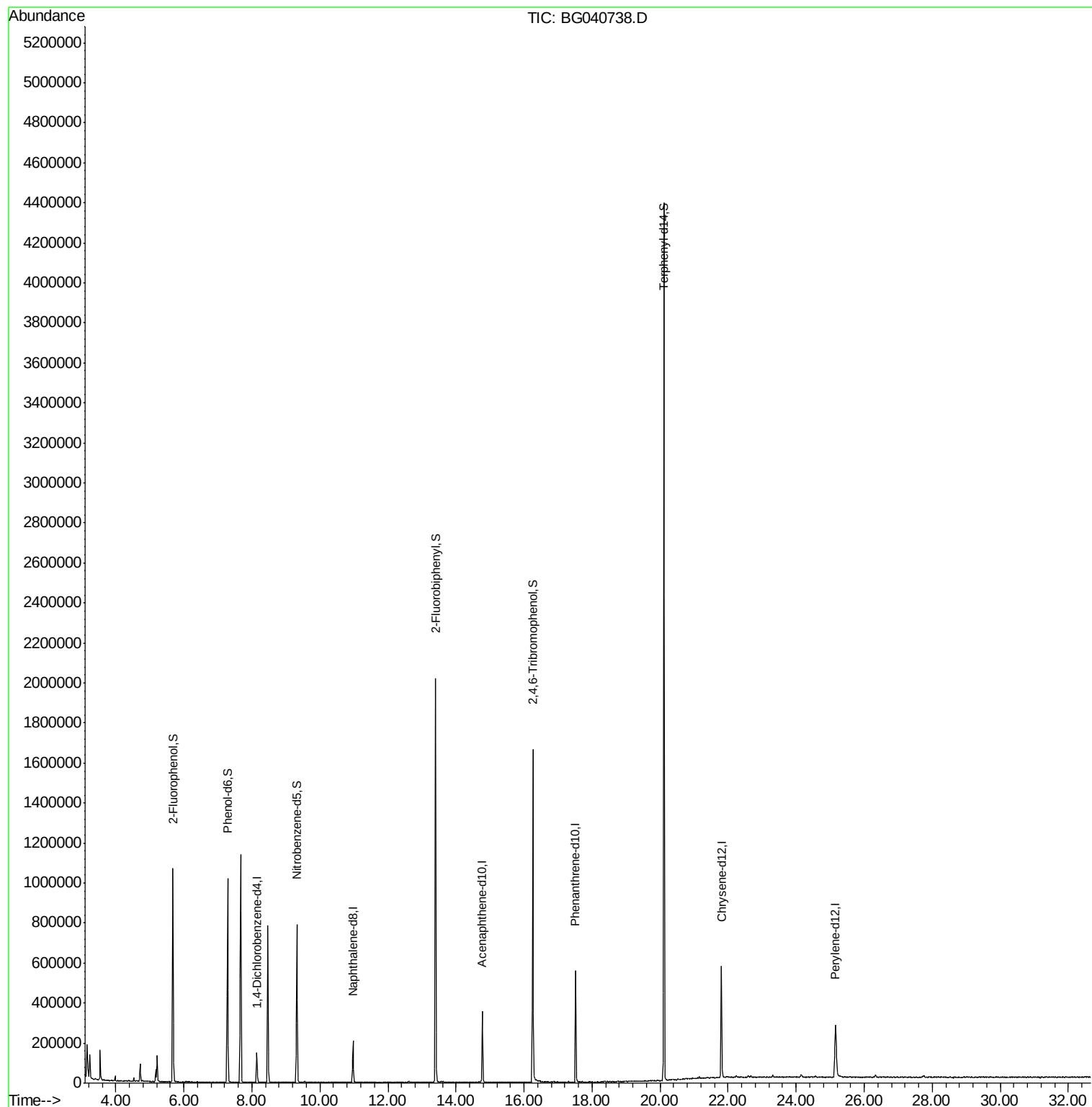
Target Compounds Qvalue

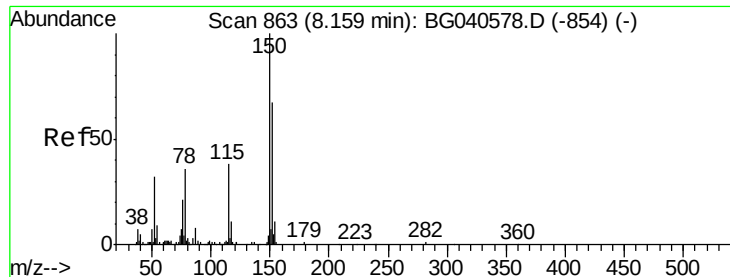
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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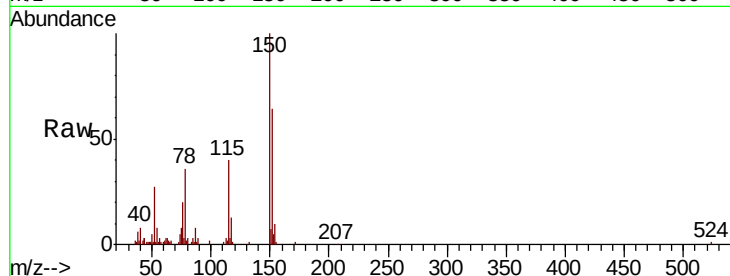


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040738.D
Acq: 3 May 2019 23:33

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	120.2	180.2
115	61.8	46.2	69.2

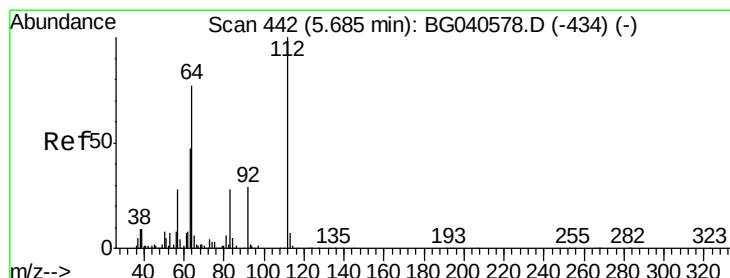
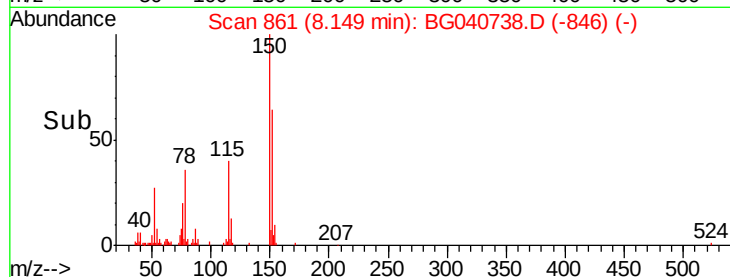
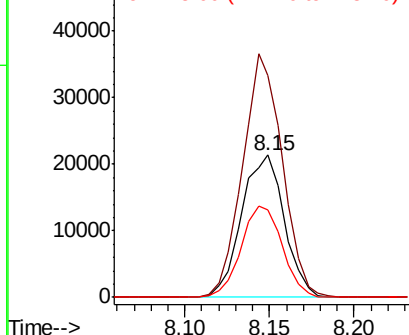


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

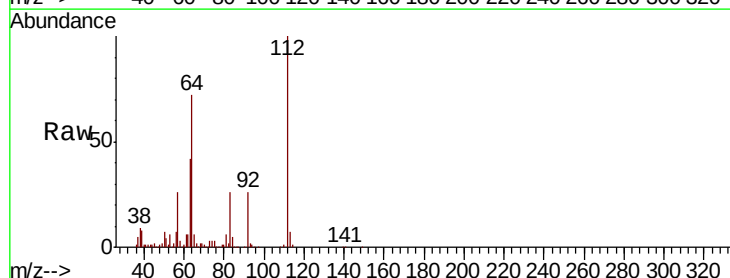
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 186.331 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040738.D
Acq: 3 May 2019 23:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.4	92.0
63	41.9	37.8	56.6

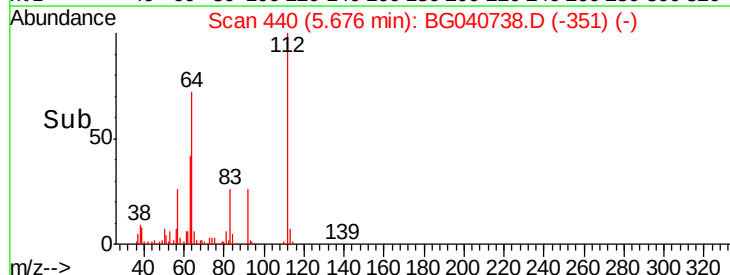
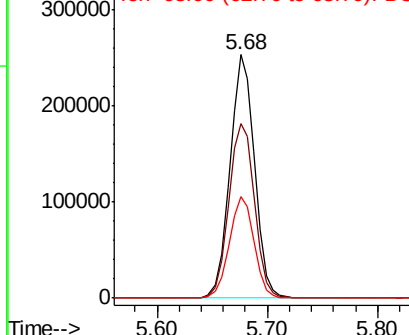


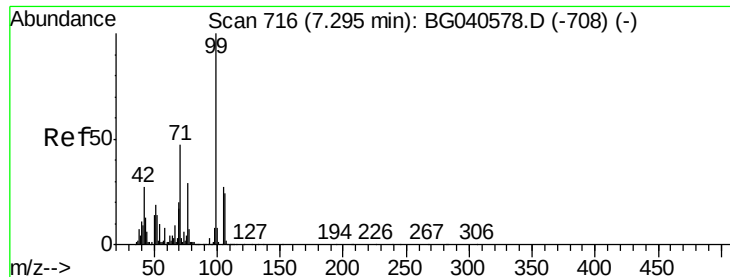
Abundance

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: 161.042 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040738.D

Acq: 3 May 2019 23:33

Instrument :

BNA_G

ClientSampleId :

TP-1

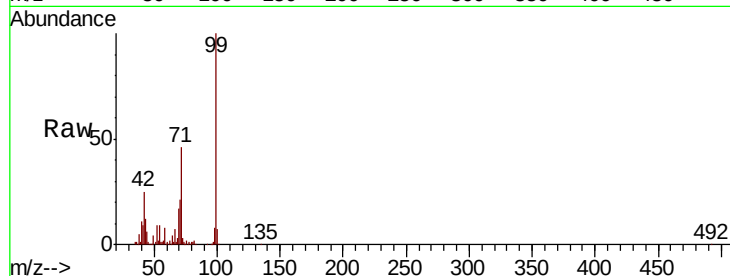
Tot Ion: 99 Resp: 525061

Ion Ratio Lower Upper

99 100

42 25.0 21.8 32.8

71 45.8 38.6 57.8

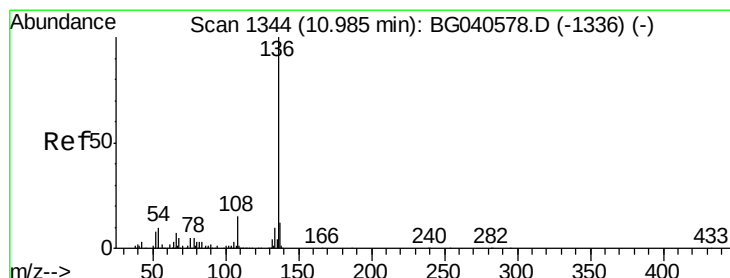
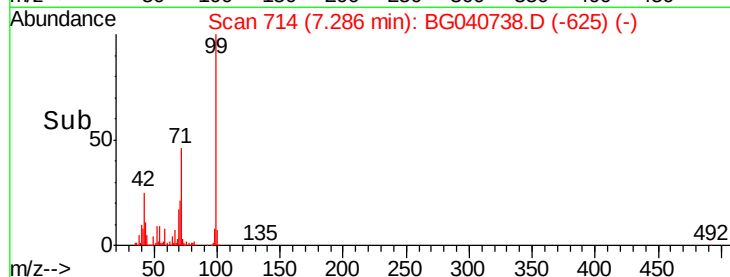
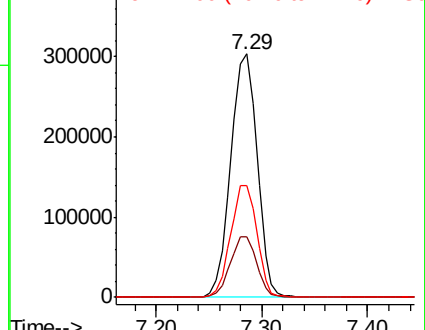


Abundance

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# 1341

Delta R.T. -0.02 min

Lab File: BG040738.D

Acq: 3 May 2019 23:33

Tgt Ion: 136 Resp: 158796

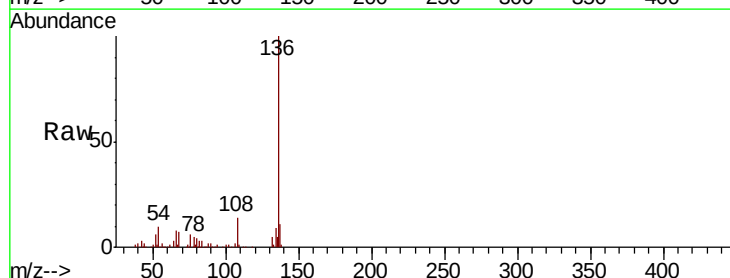
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 10.0 8.6 12.8

68 6.7 4.8 7.2



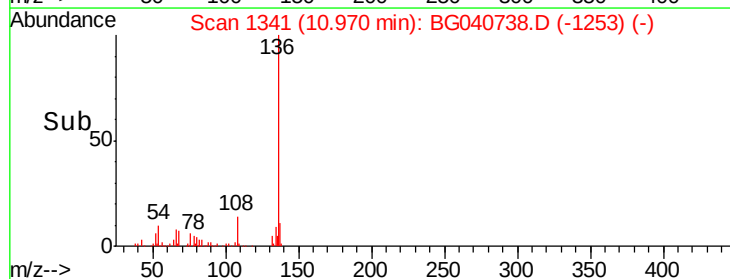
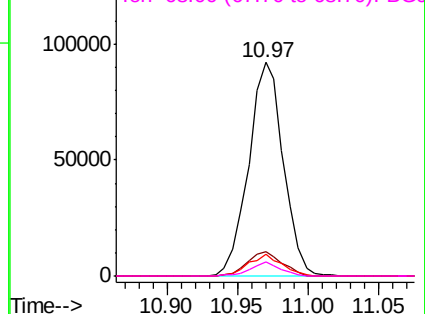
Abundance

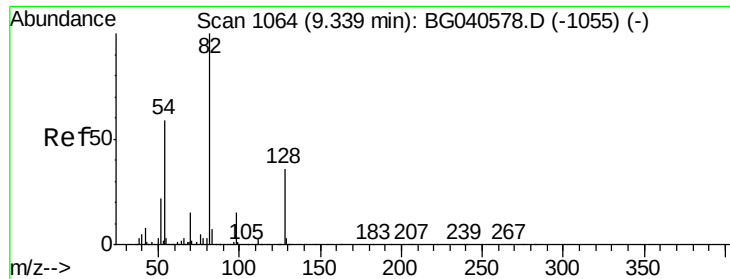
Ion 136.00 (135.70 to 136.70): BGC

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

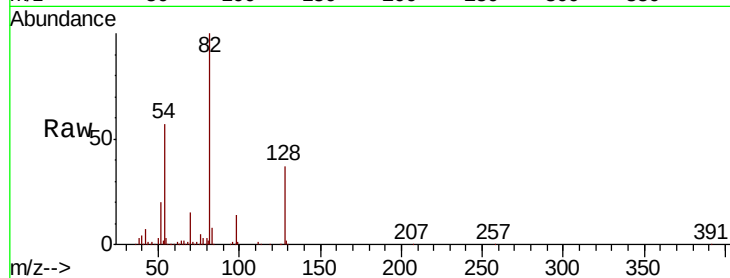




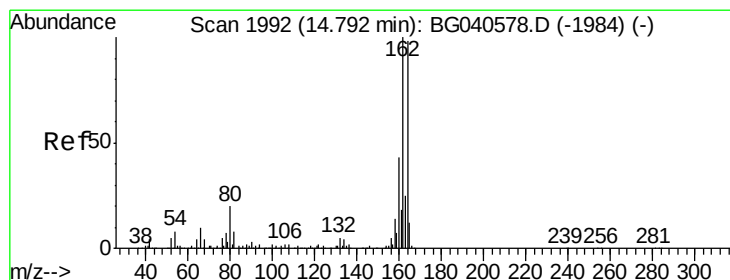
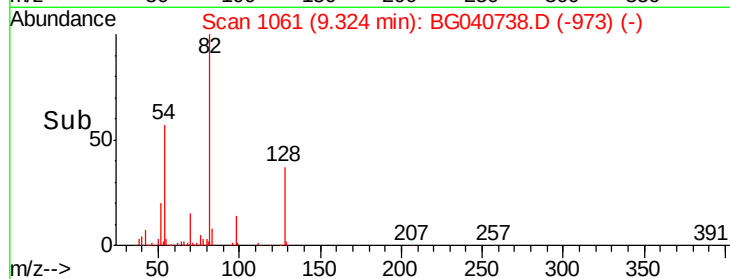
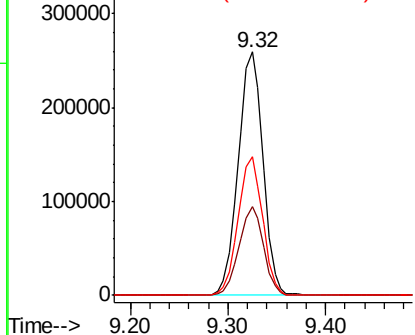
#23
Nitrobenzene-d5
Concen: 132.879 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040738.D
Acq: 3 May 2019 23:33

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	82	Resp	456662
Ion Ratio	Lower	Upper	
82	100		
128	36.6	28.9	43.3
54	57.0	47.2	70.8

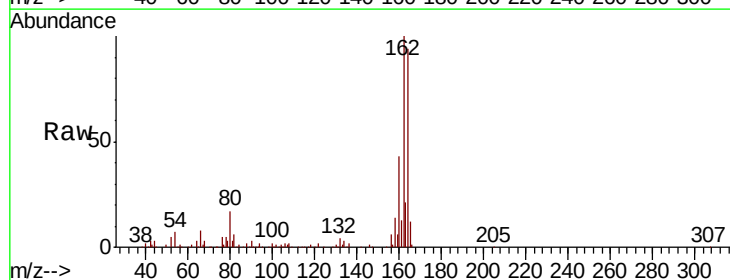


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

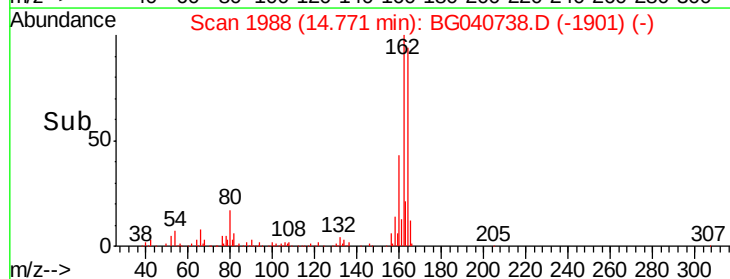
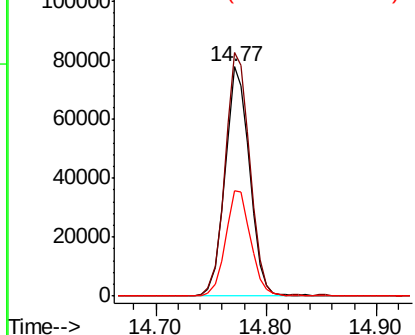


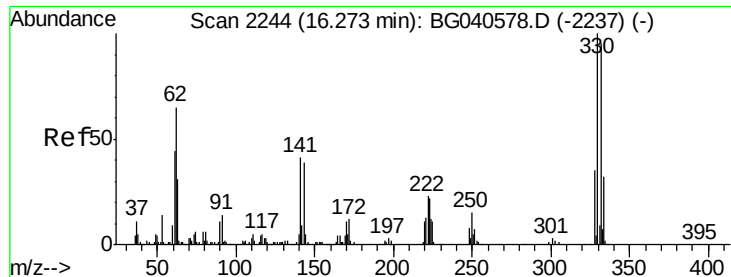
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040738.D
Acq: 3 May 2019 23:33

Tgt Ion	164	Resp	121016
Ion Ratio	Lower	Upper	
164	100		
162	106.2	81.9	122.9
160	46.1	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

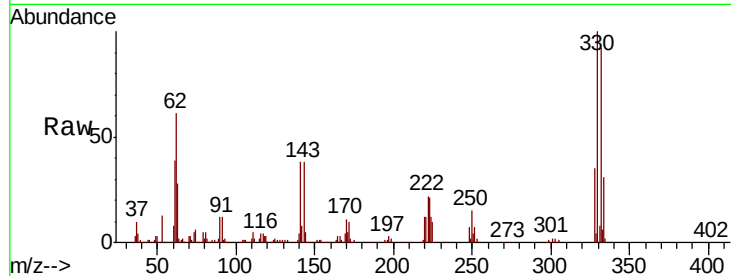




#42
 2,4,6-Tribromophenol
 Concen: 182.767 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040738.D
 Acq: 3 May 2019 23:33

Instrument :
 BNA_G
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	38.3	32.4	48.6

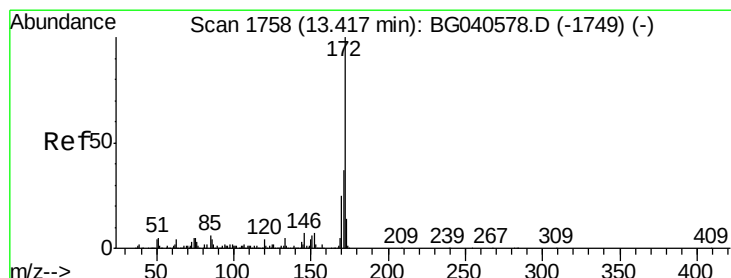
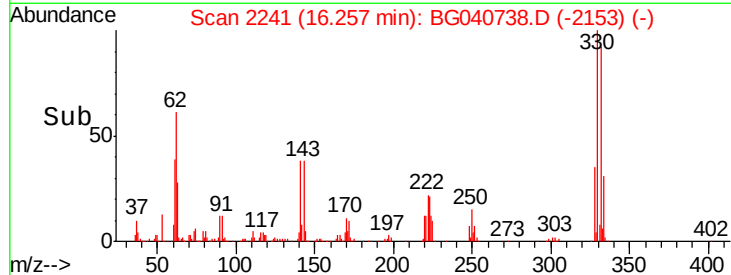
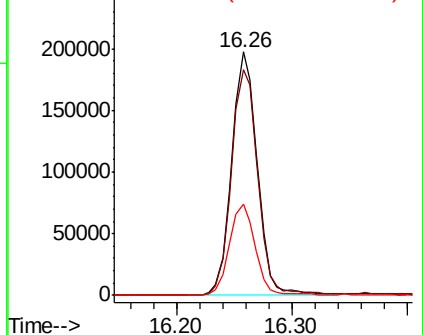


Abundance

Ion 329.80 (329.50 to 330.50): E

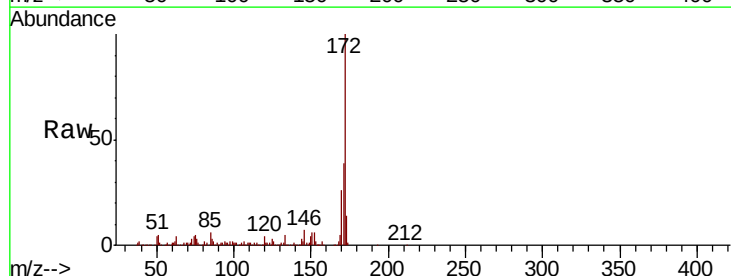
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 120.068 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040738.D
 Acq: 3 May 2019 23:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.4	44.2
170	26.2	19.9	29.9

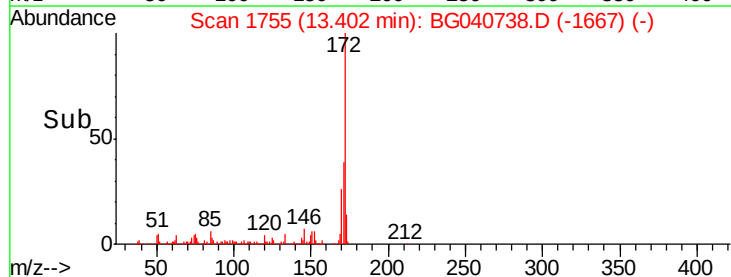
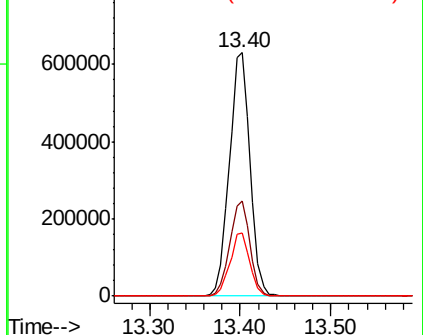


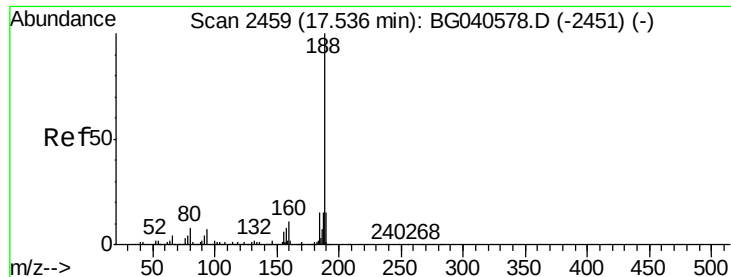
Abundance

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: BG040738.D

Acq: 3 May 2019 23:33

Instrument :

BNA_G

ClientSampleId :

TP-1

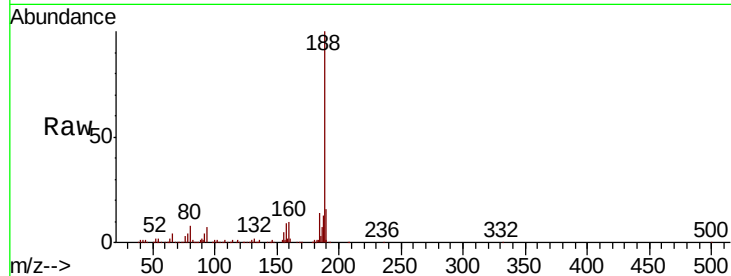
Tot Ion:188 Resp: 336834

Ion Ratio Lower Upper

188 100

94 7.0 5.6 8.4

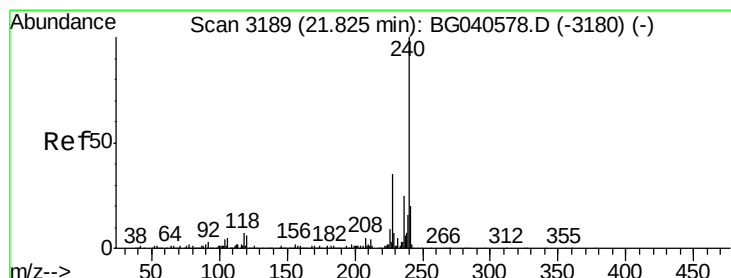
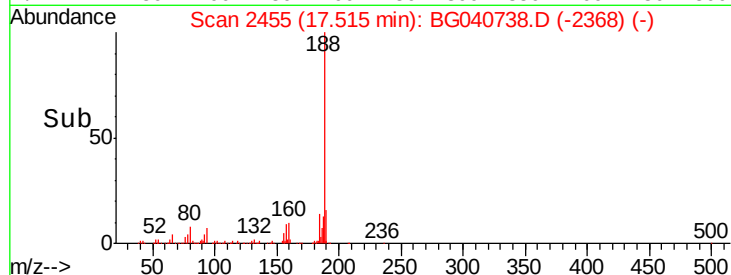
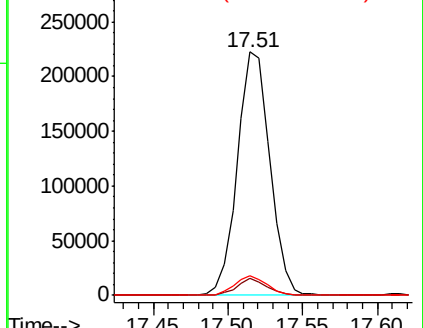
80 8.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.03 min

Lab File: BG040738.D

Acq: 3 May 2019 23:33

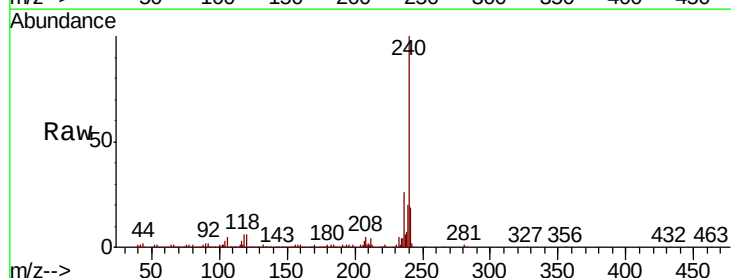
Tgt Ion:240 Resp: 346596

Ion Ratio Lower Upper

240 100

120 6.0 5.0 7.6

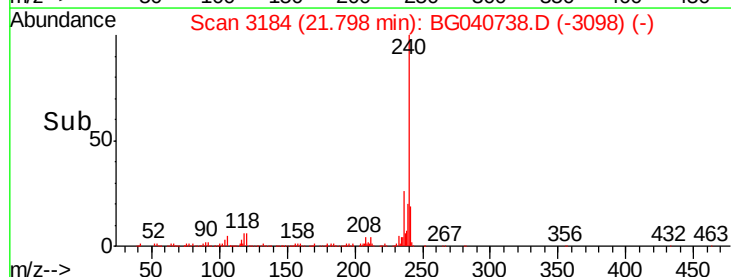
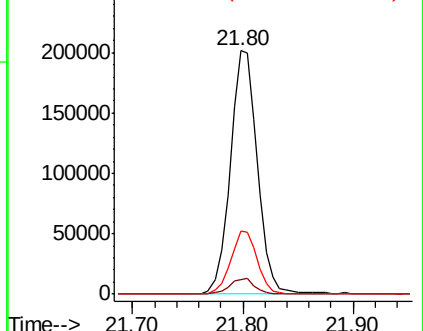
236 25.7 20.3 30.5

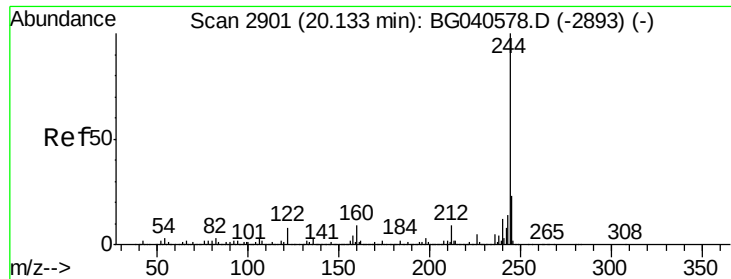


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 129.963 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040738.D

Acq: 3 May 2019 23:33

Instrument :

BNA_G

ClientSampleId :

TP-1

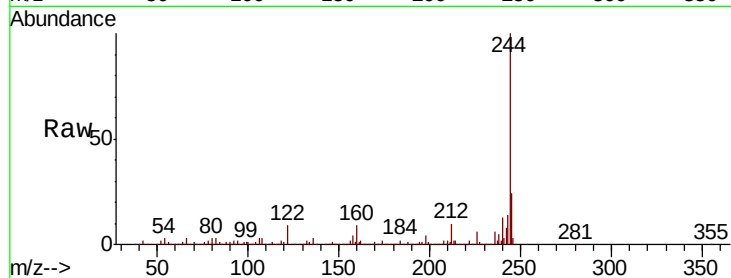
Tot Ion:244 Resp: 2033229

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

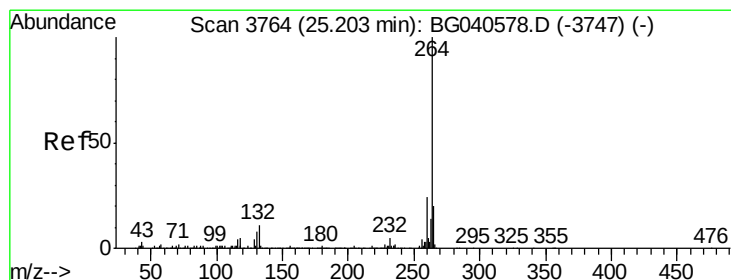
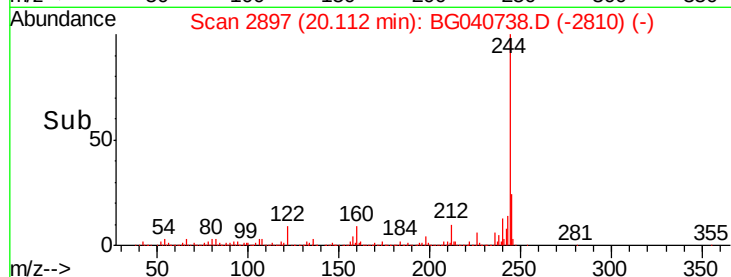
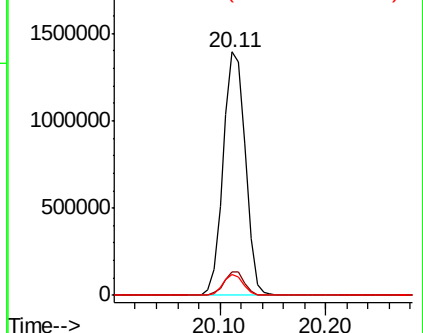
122 8.8 6.6 10.0



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040738.D

Acq: 3 May 2019 23:33

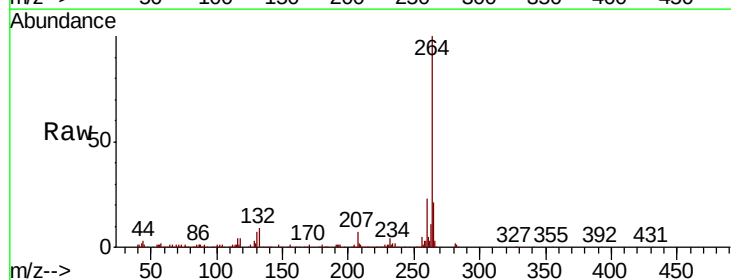
Tgt Ion:264 Resp: 347128

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.0 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

