

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040897.D
 Acq On : 12 May 2019 7:14
 Operator : HP/JU
 Sample : K2763-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0002-01

Quant Time: May 13 04:40:24 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

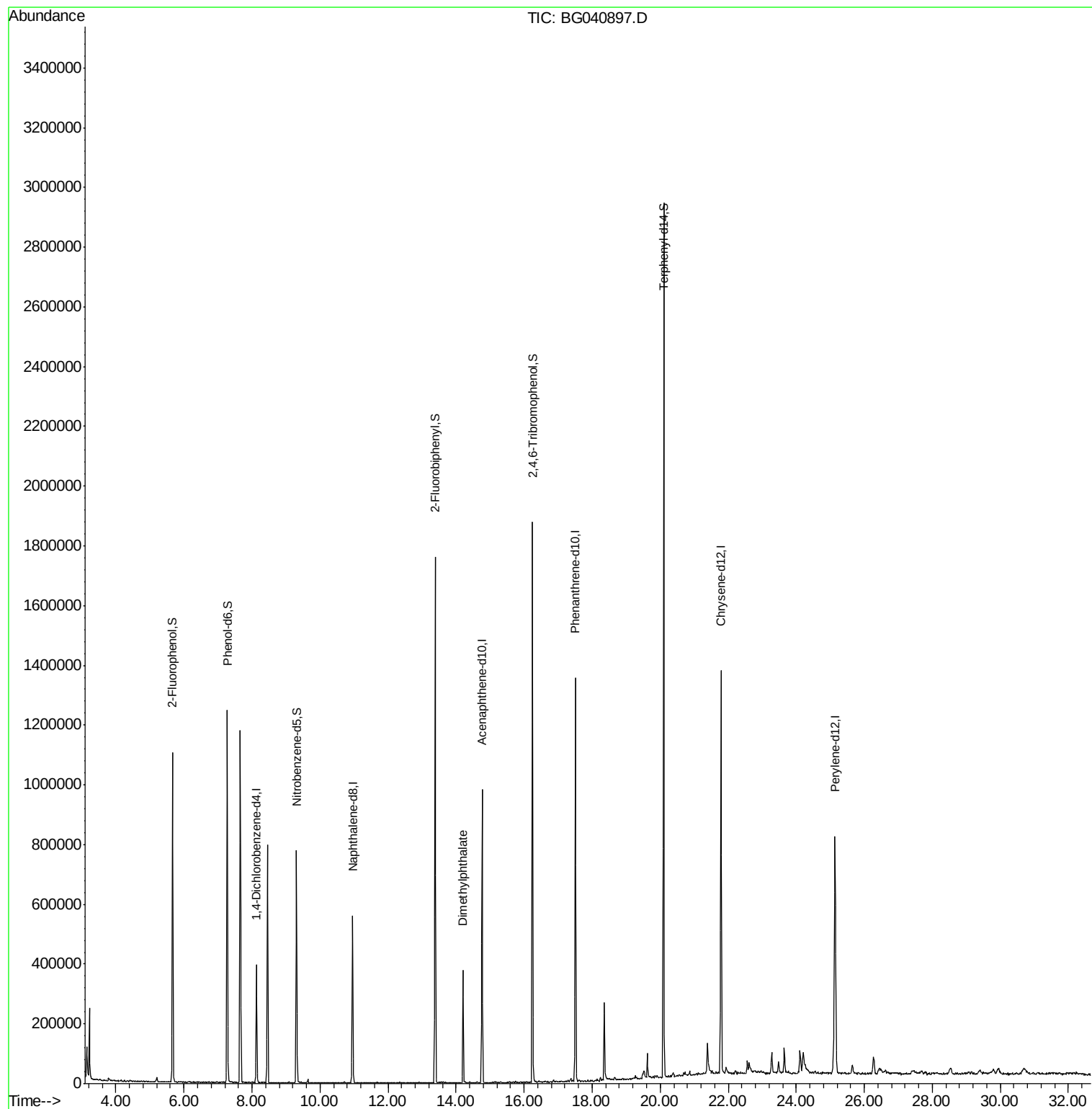
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	102578	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	432680	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	324841	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	824049	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	840346	20.00	ng	-0.04
87) Perylene-d12	25.14	264	915175	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	422313	72.57	ng	-0.02
7) Phenol-d6	7.28	99	647803	72.30	ng	-0.02
23) Nitrobenzene-d5	9.31	82	456409	48.74	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	348033	77.95	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	879629	39.11	ng	-0.03
79) Terphenyl-d14	20.10	244	1431847	37.75	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.20	163	224893	8.275	ng	Qvalue 98

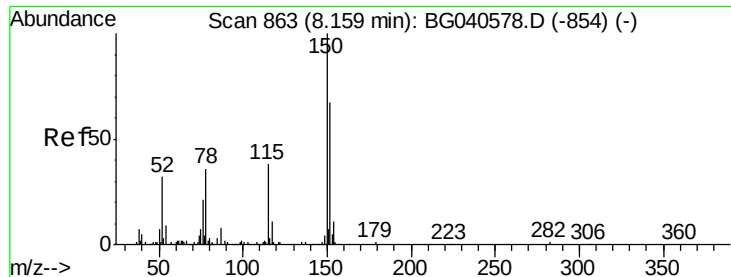
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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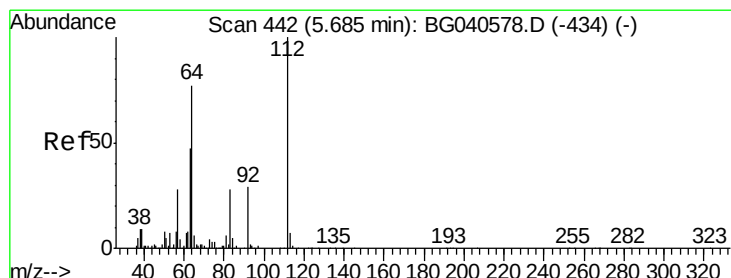
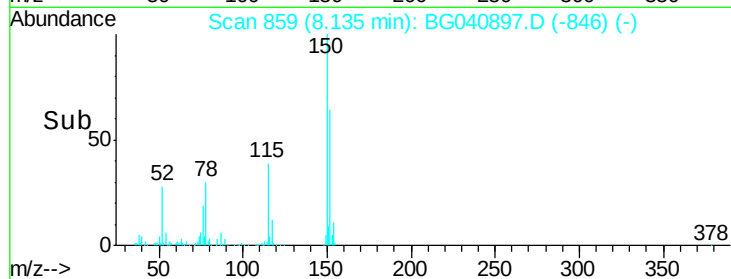
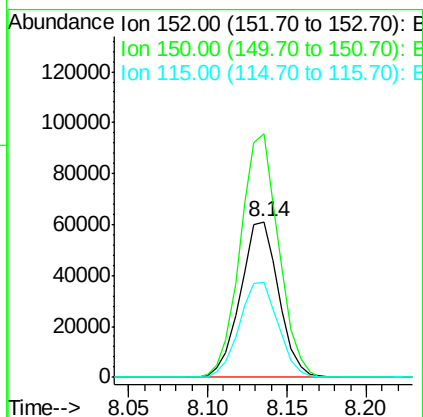
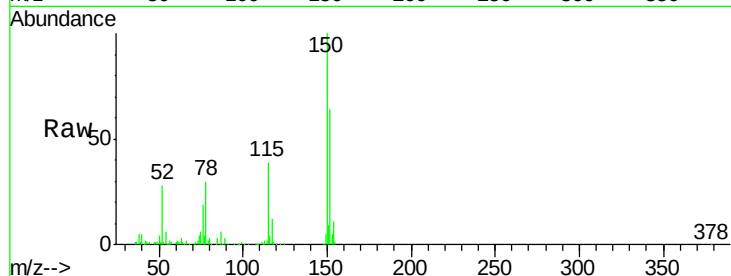


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0002-01

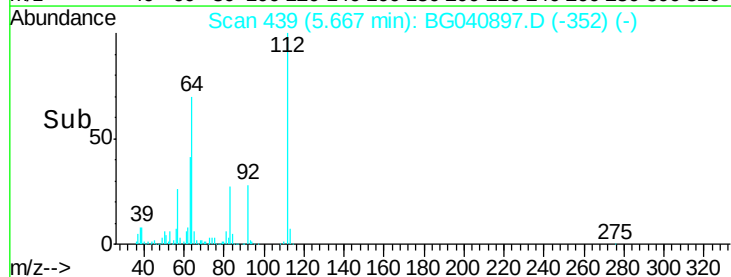
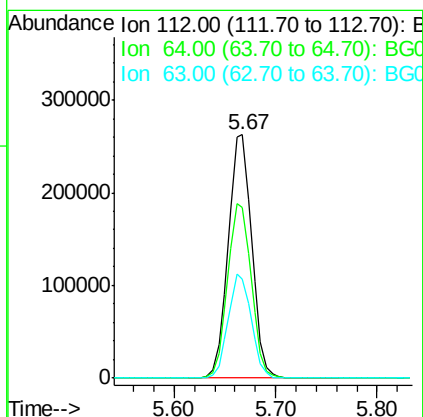
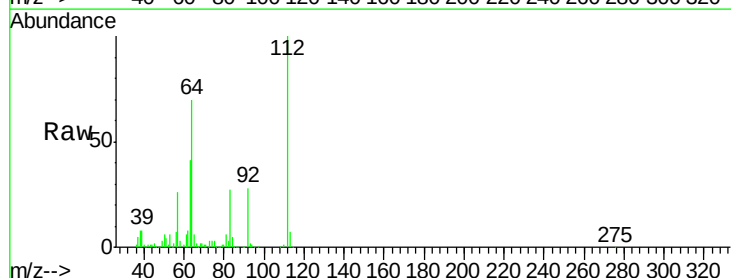
Tgt Ion:152 Resp: 102578
 Ion Ratio Lower Upper
 152 100
 150 156.2 120.2 180.2
 115 61.4 46.2 69.2

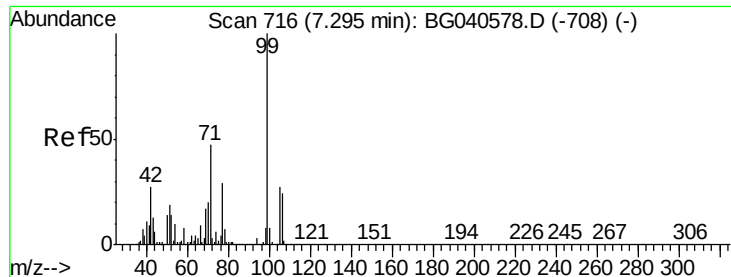


#5

2-Fluorophenol
 Concen: 72.573 ng
 RT: 5.67 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Tgt Ion:112 Resp: 422313
 Ion Ratio Lower Upper
 112 100
 64 69.9 61.4 92.0
 63 40.8 37.8 56.6





#7

Phenol-d6

Concen: 72.301 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0002-01

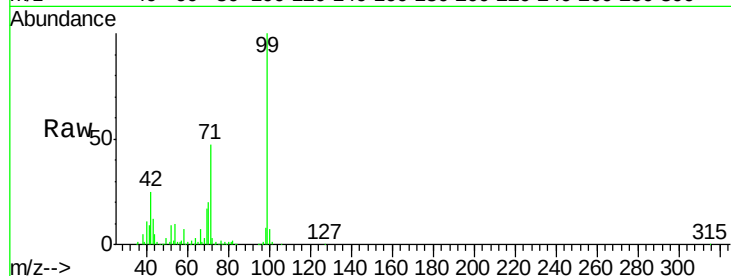
Tgt Ion: 99 Resp: 647803

Ion Ratio Lower Upper

99 100

42 24.5 21.8 32.8

71 46.6 38.6 57.8

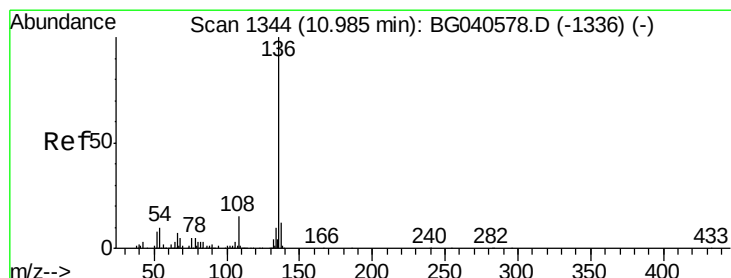
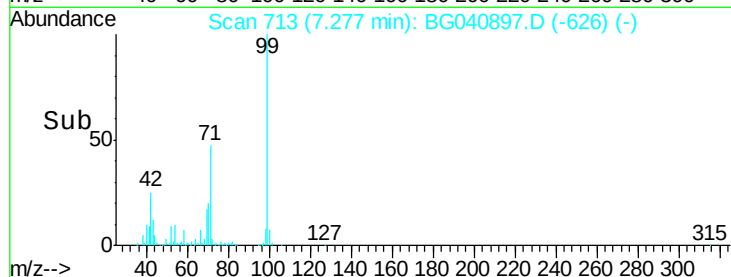
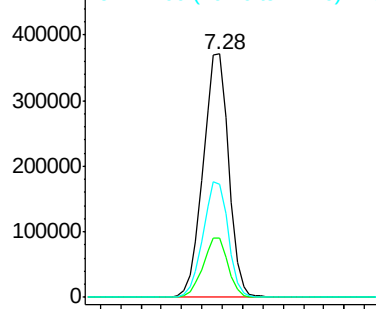


Abundance

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: 10.96 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Tgt Ion: 136 Resp: 432680

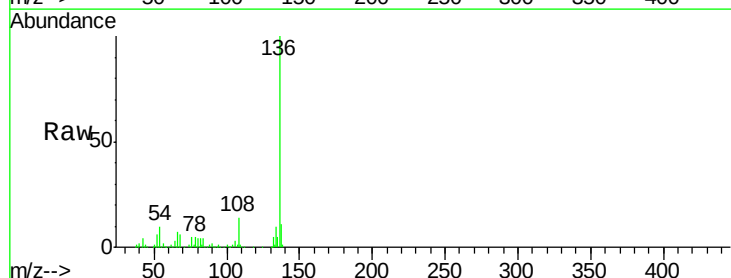
Ion Ratio Lower Upper

136 100

137 11.1 9.7 14.5

54 9.7 8.6 12.8

68 5.7 4.8 7.2



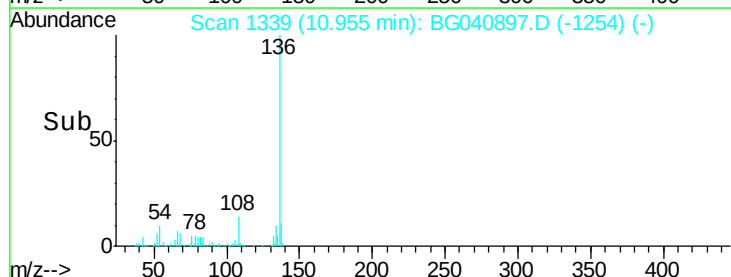
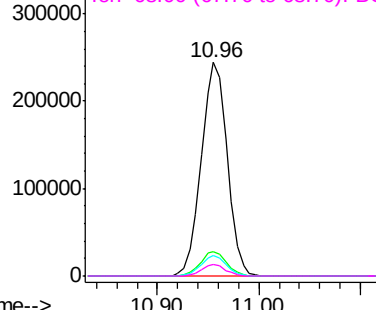
Abundance

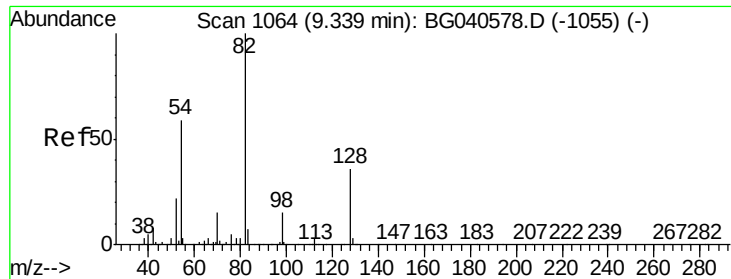
Ion 136.00 (135.70 to 136.70): BGC

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

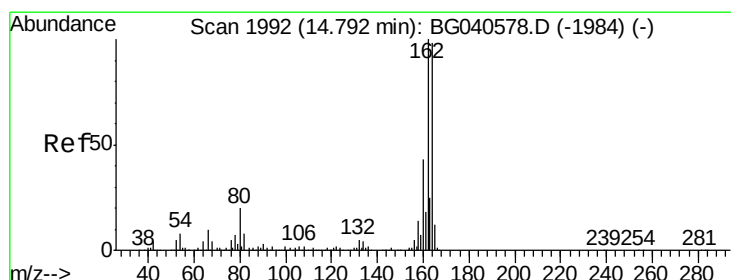
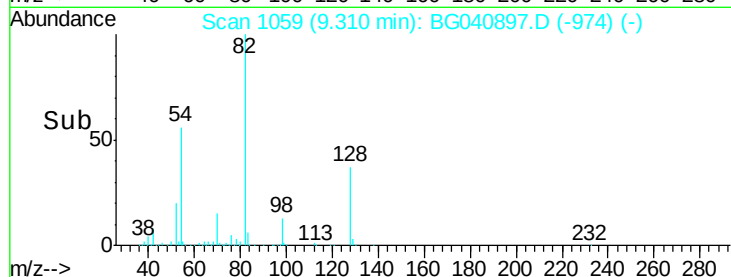
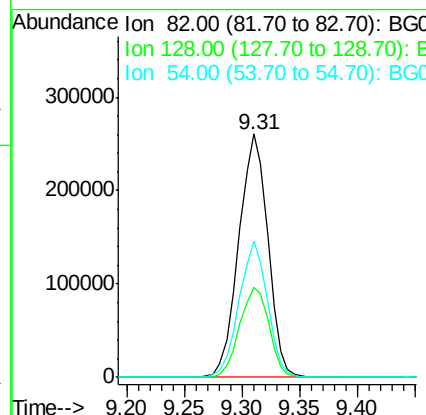
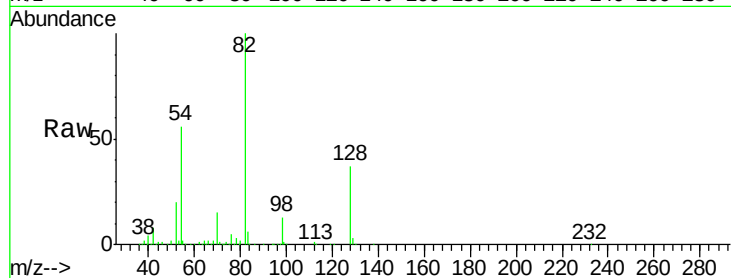




#23
 Nitrobenzene-d5
 Concen: 48.740 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

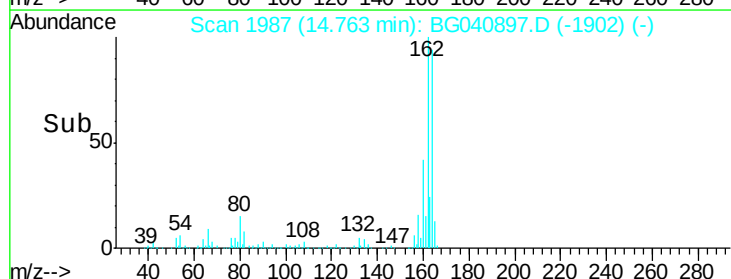
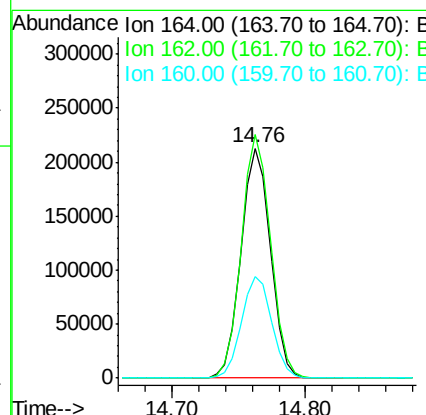
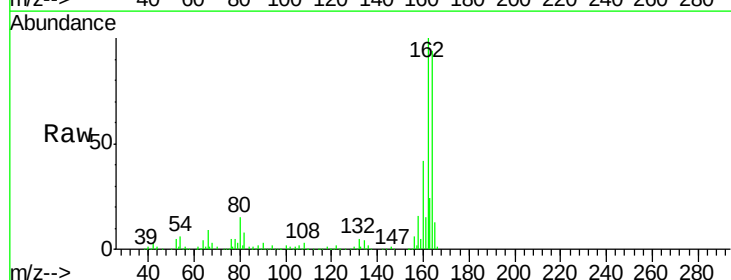
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0002-01

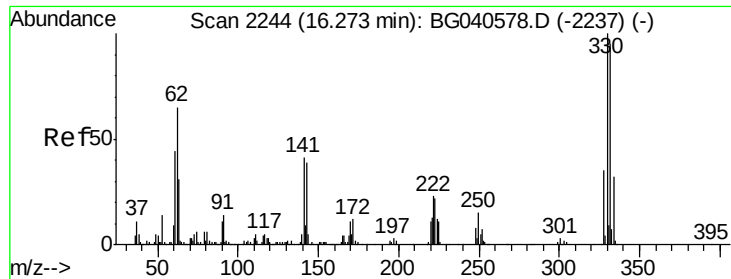
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.9	43.3
54	55.7	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.03 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.9	122.9
160	44.0	35.4	53.2

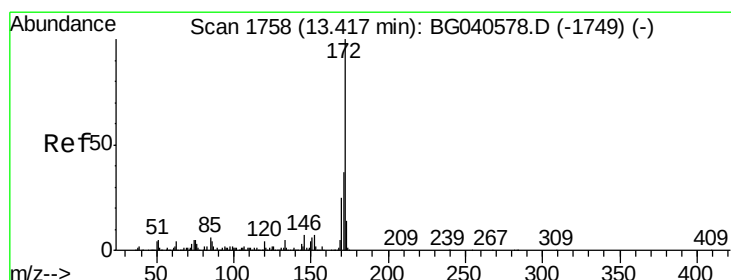
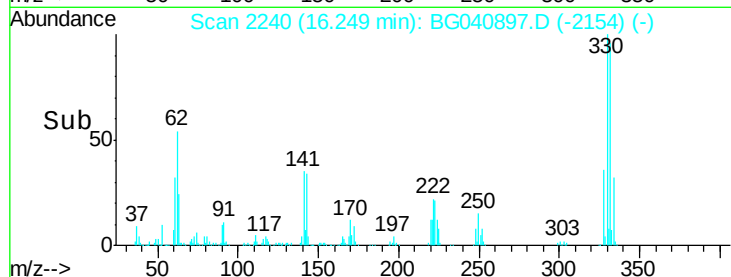
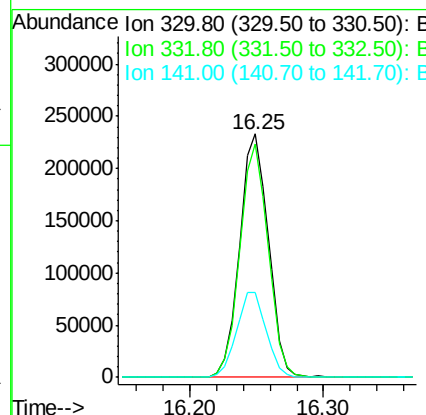
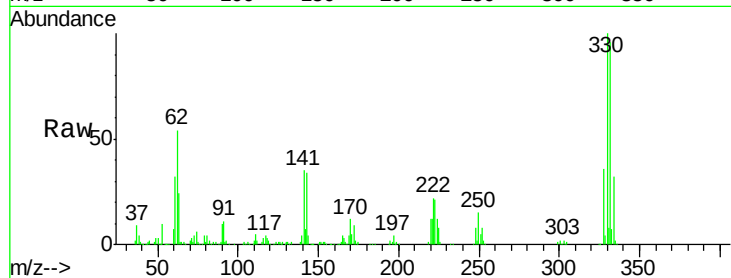




#42
 2,4,6-Tribromophenol
 Concen: 77.947 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

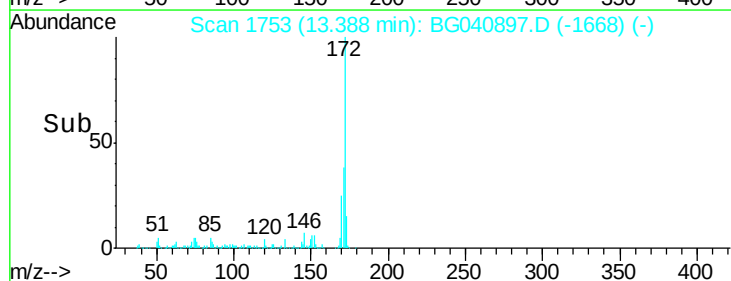
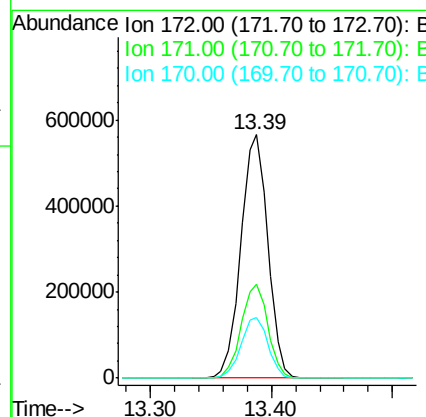
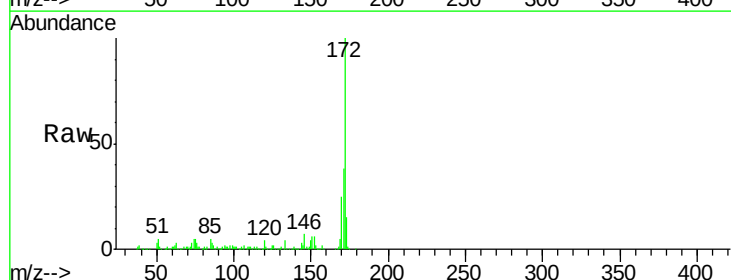
Instrument :
 BNA_G
 ClientSampleId :
 P021-SS007-0002-01

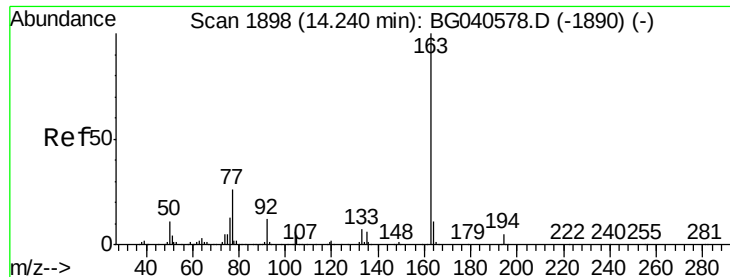
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.9	113.9
141	36.2	32.4	48.6



#45
 2-Fluorobiphenyl
 Concen: 39.107 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040897.D
 Acq: 12 May 2019 7:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.9	19.9	29.9





#50

Dimethylphthalate

Concen: 8.275 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.04 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0002-01

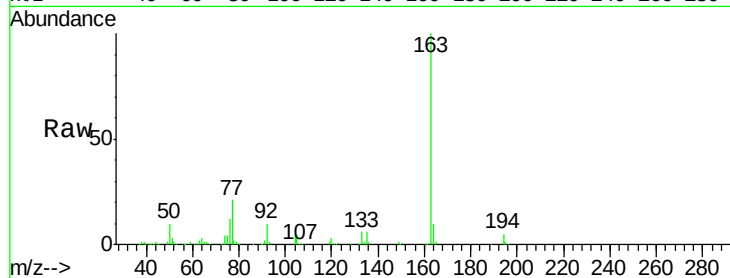
Tgt Ion:163 Resp: 224893

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

164 10.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.20

150000

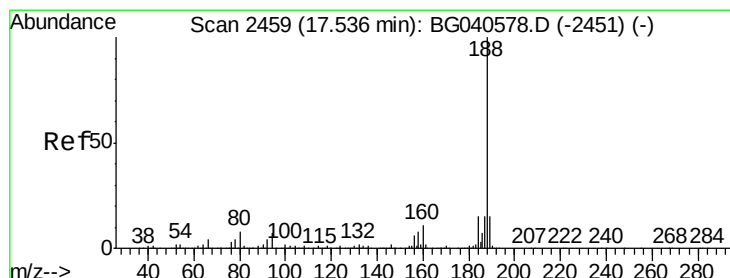
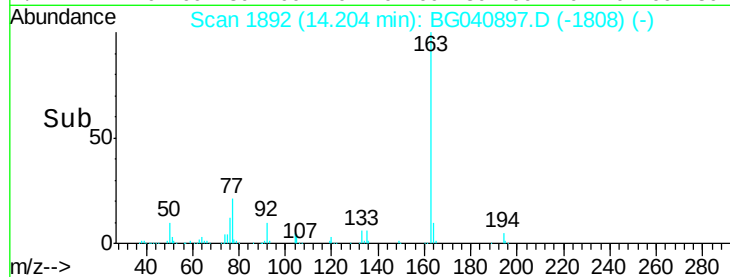
100000

50000

0

14.15 14.20 14.25

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

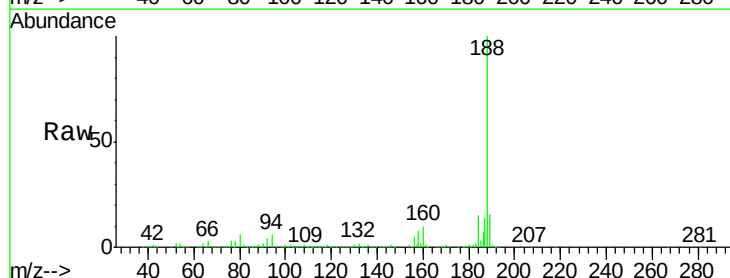
Tgt Ion:188 Resp: 824049

Ion Ratio Lower Upper

188 100

94 6.3 5.6 8.4

80 6.5 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

17.51

600000

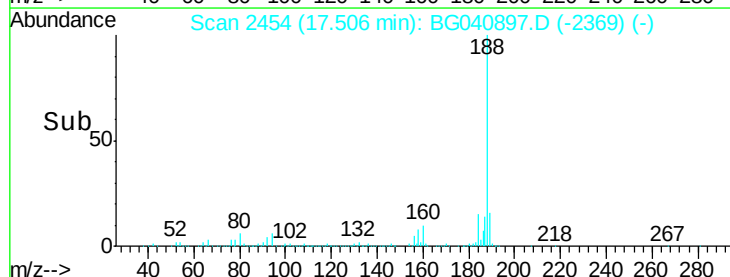
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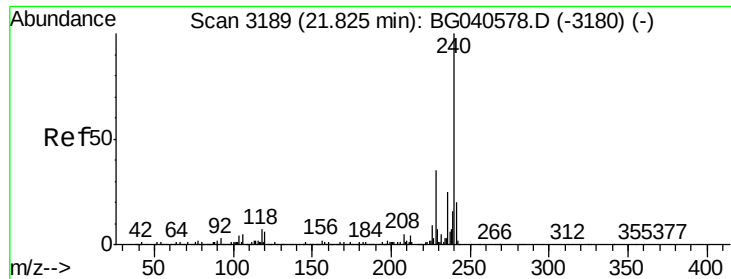
200000

0

17.50 17.60

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.04 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

Instrument :

BNA_G

ClientSampleId :

P021-SS007-0002-01

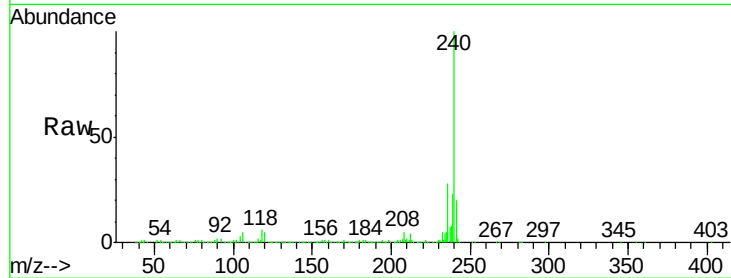
Tgt Ion:240 Resp: 840346

Ion Ratio Lower Upper

240 100

120 5.1 5.0 7.6

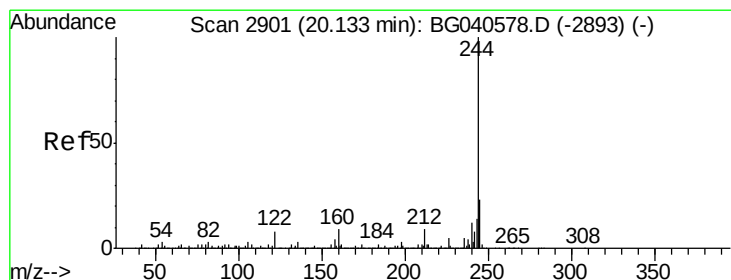
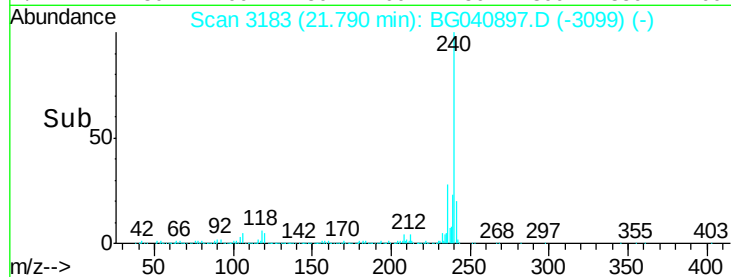
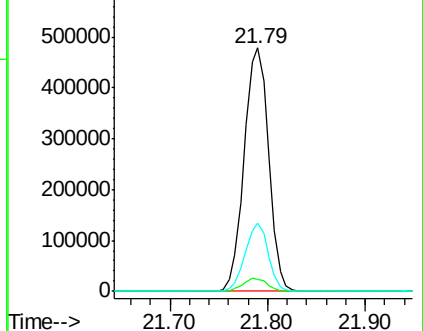
236 28.2 20.3 30.5



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: 37.748 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040897.D

Acq: 12 May 2019 7:14

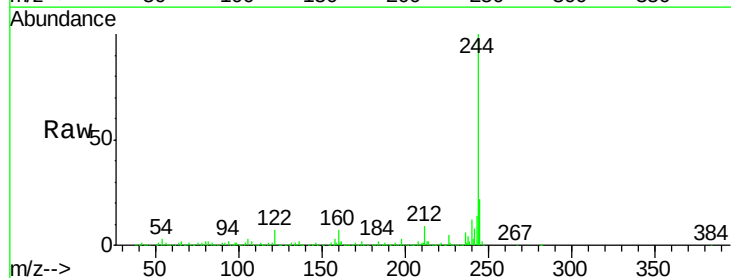
Tgt Ion:244 Resp: 1431847

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

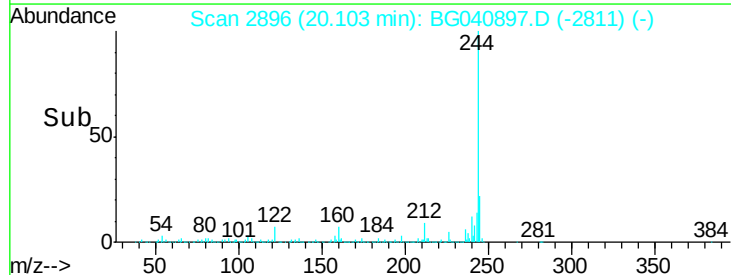
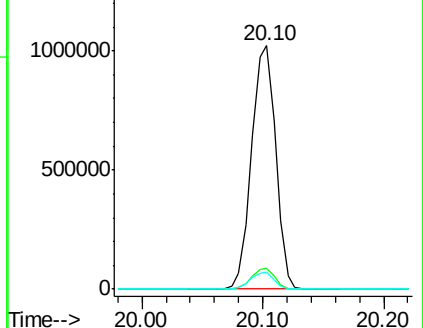
122 7.2 6.6 10.0

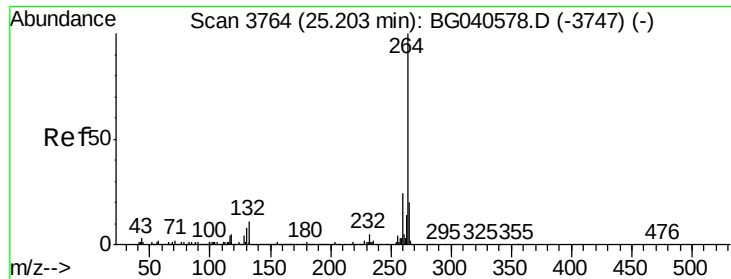


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG040897.D
Acq: 12 May 2019 7:14

Instrument :
BNA_G
ClientSampleId :
P021-SS007-0002-01

Tgt Ion:	264	Resp:	915175
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	16.6	25.0

