

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
 Data File : BG040593.D
 Acq On : 24 Apr 2019 14:45
 Operator : JU/SJ
 Sample : K2532-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 25 04:03:19 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	43584	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	176816	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	127471	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	346943	20.00	ng	0.00
76) Chrysene-d12	21.82	240	384031	20.00	ng	0.00
87) Perylene-d12	25.20	264	402925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	298254	120.63	ng	0.00
7) Phenol-d6	7.29	99	395645	103.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	349218	91.26	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	247199	141.09	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	740845	83.94	ng	0.00
79) Terphenyl-d14	20.13	244	1684986	97.20	ng	0.00

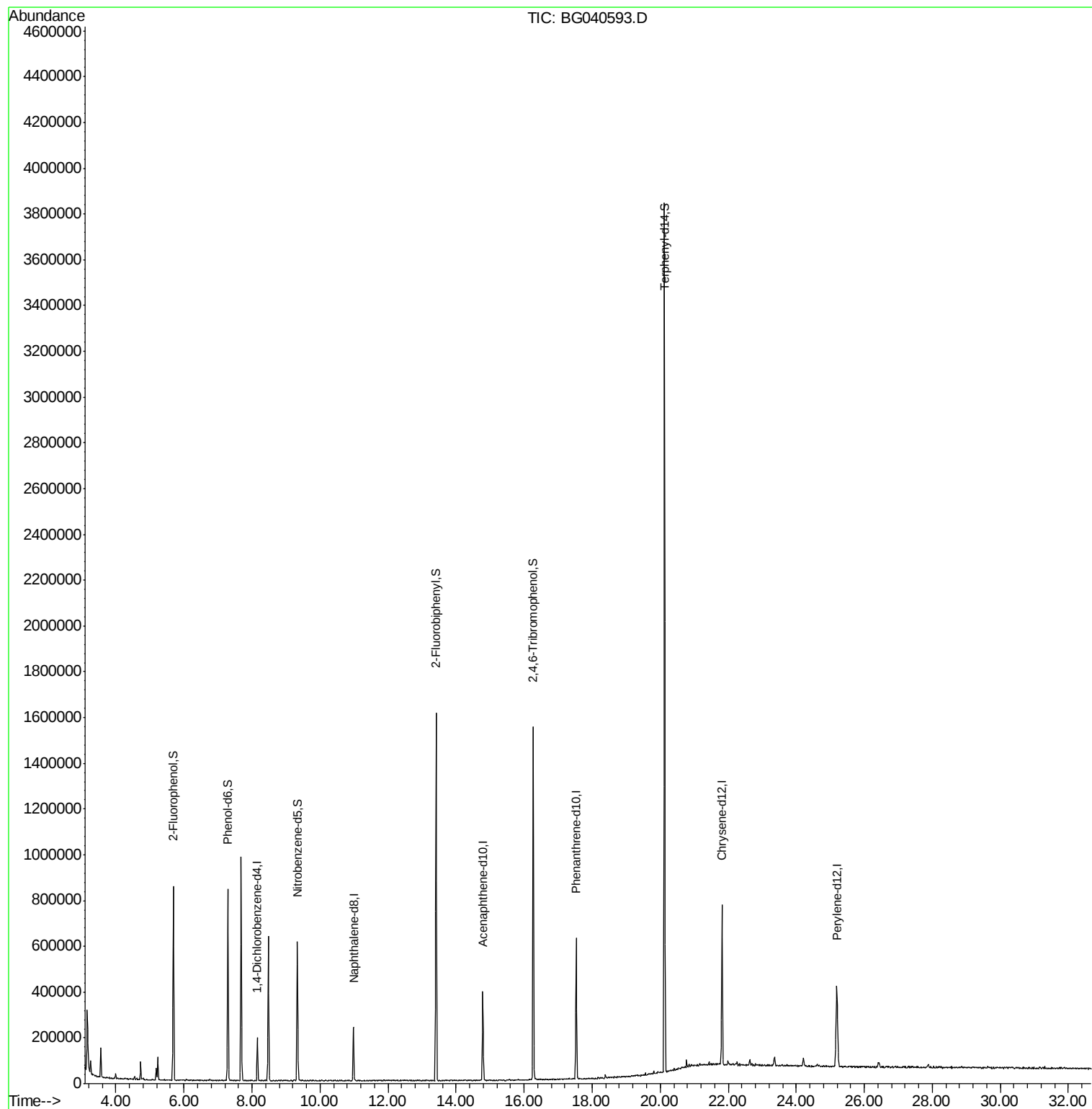
Target Compounds	Qvalue
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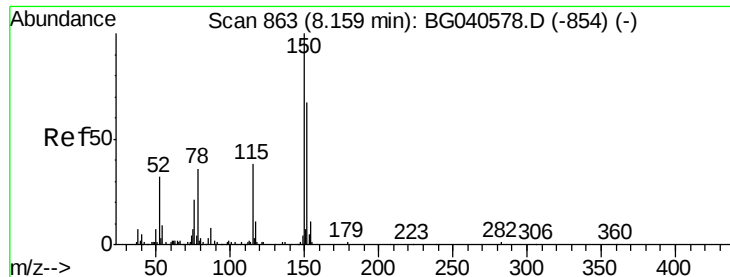
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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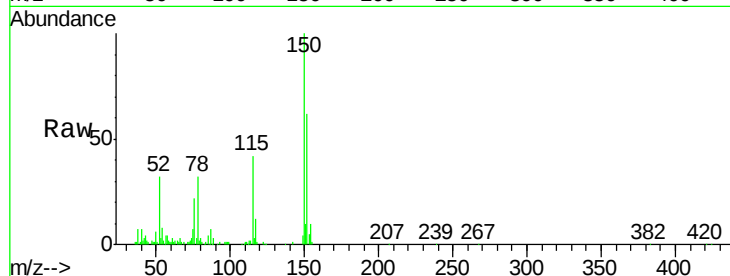


#1

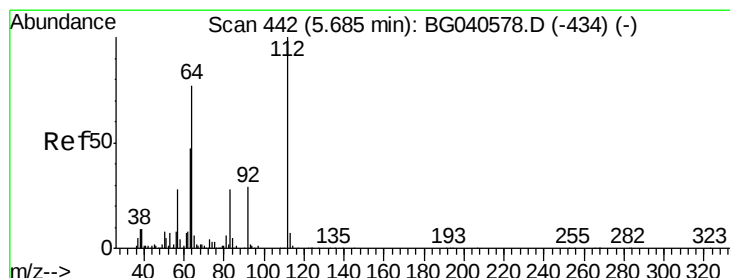
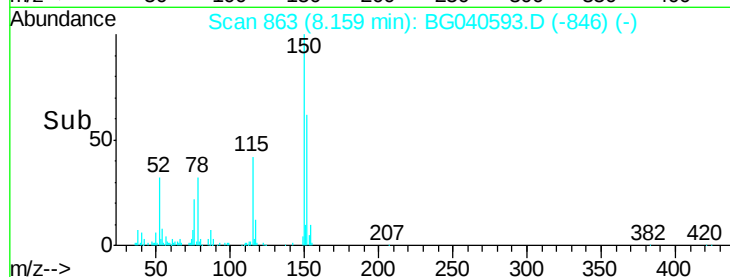
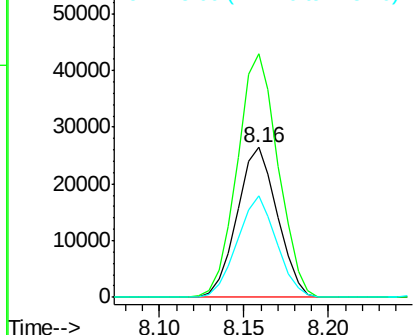
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 43584
 Ion Ratio Lower Upper
 152 100
 150 162.4 120.2 180.2
 115 68.2 46.2 69.2



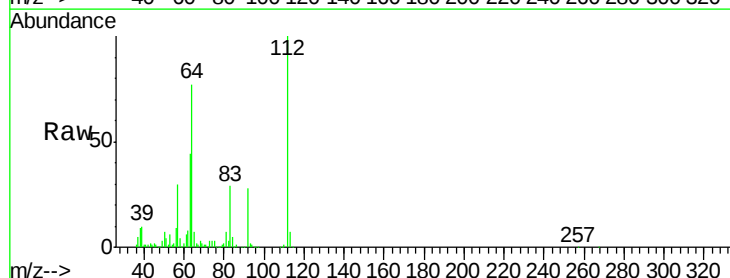
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



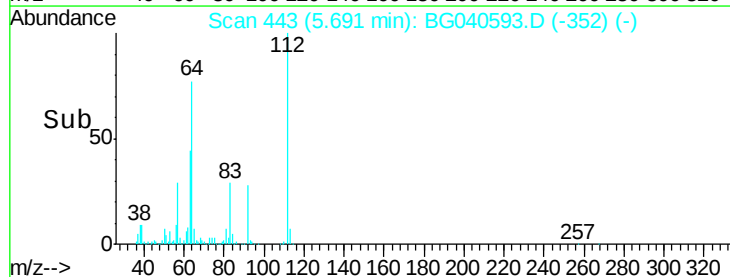
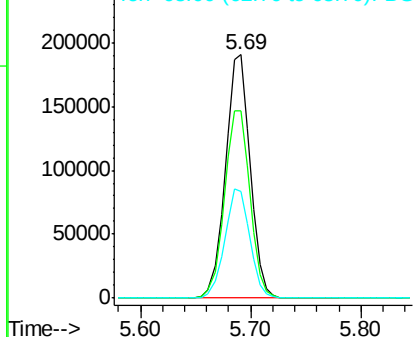
#5

2-Fluorophenol
 Concen: 120.630 ng
 RT: 5.69 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

Tgt Ion:112 Resp: 298254
 Ion Ratio Lower Upper
 112 100
 64 77.1 61.4 92.0
 63 43.7 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: 103.928 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040593.D

Acq: 24 Apr 2019 14:45

Instrument :

BNA_G

ClientSampleId :

TP-2

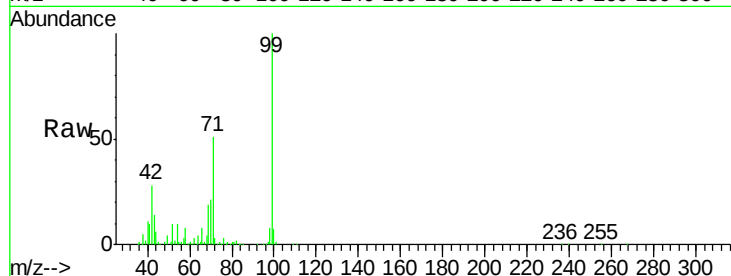
Tgt Ion: 99 Resp: 395645

Ion Ratio Lower Upper

99 100

42 28.1 21.8 32.8

71 50.7 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

300000

250000

200000

150000

100000

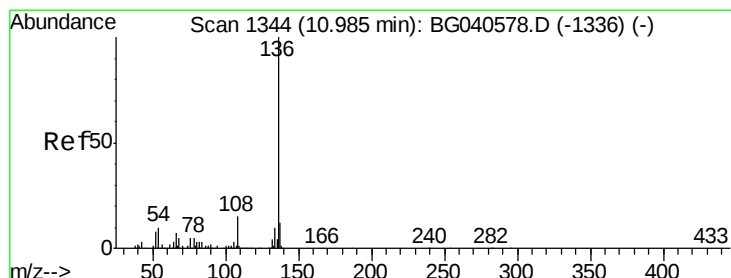
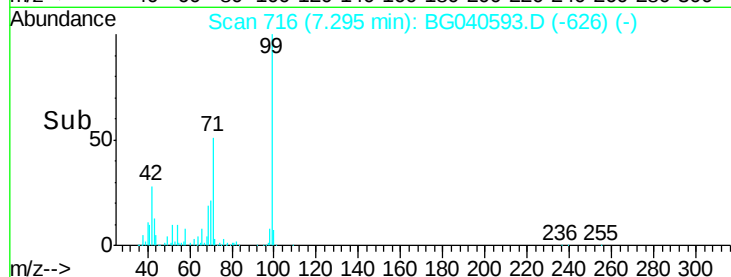
50000

0

7.29

7.20 7.25 7.30 7.35

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG040593.D

Acq: 24 Apr 2019 14:45

Tgt Ion: 136 Resp: 176816

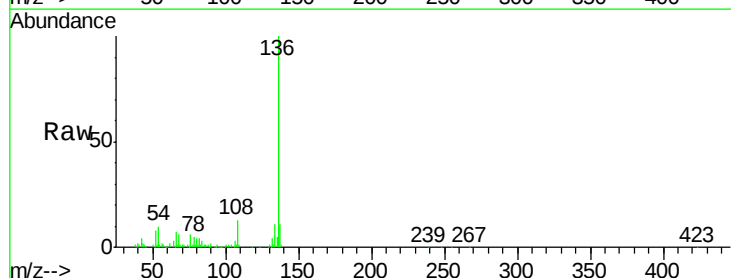
Ion Ratio Lower Upper

136 100

137 11.2 9.7 14.5

54 10.0 8.6 12.8

68 6.2 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

150000

100000

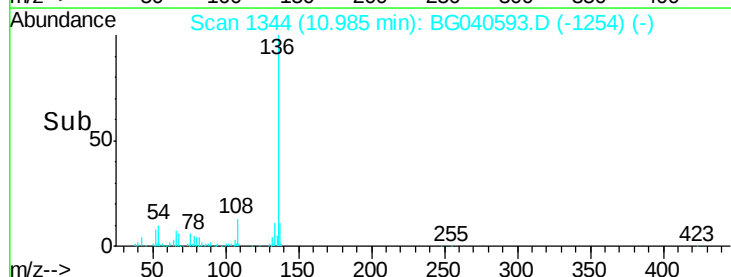
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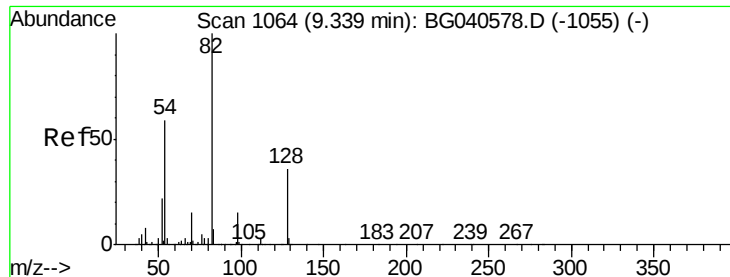
0

10.98

10.90 10.95 11.00 11.05

Time-->

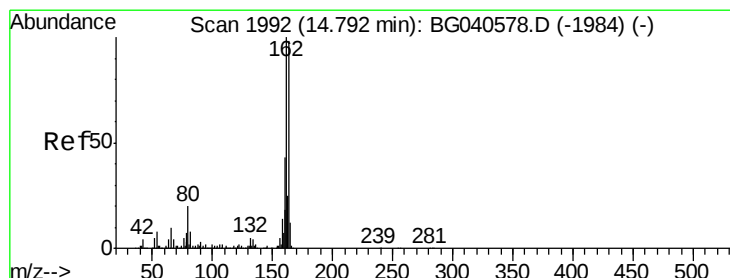
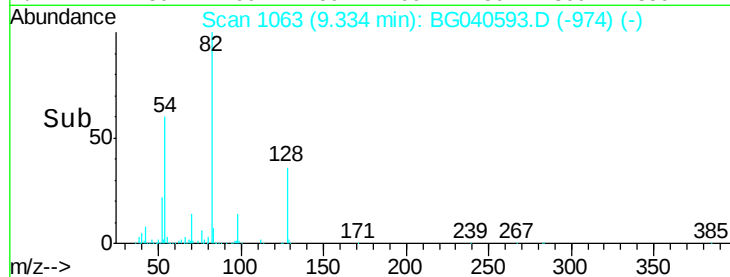
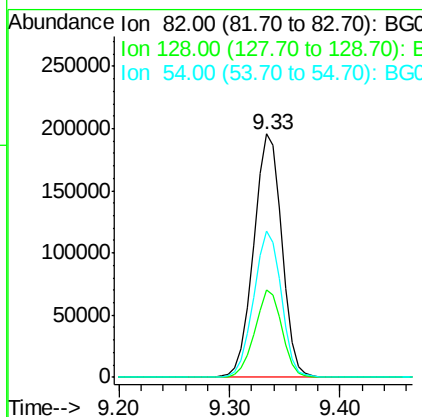
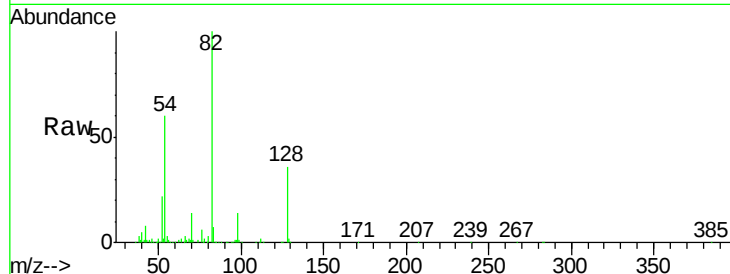




#23
 Nitrobenzene-d5
 Concen: 91.259 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

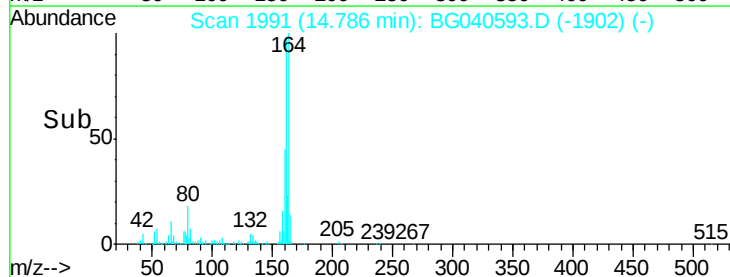
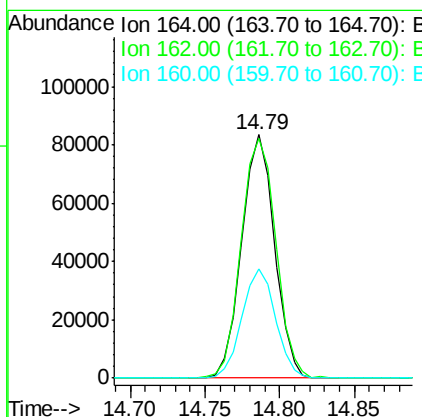
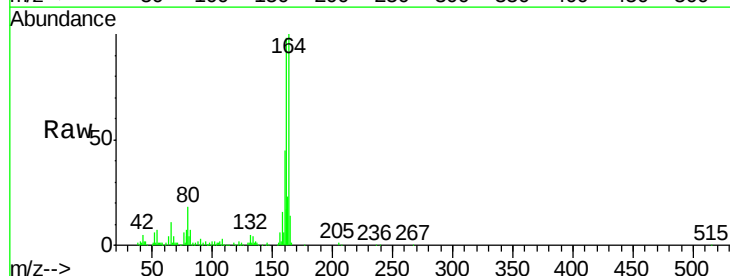
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

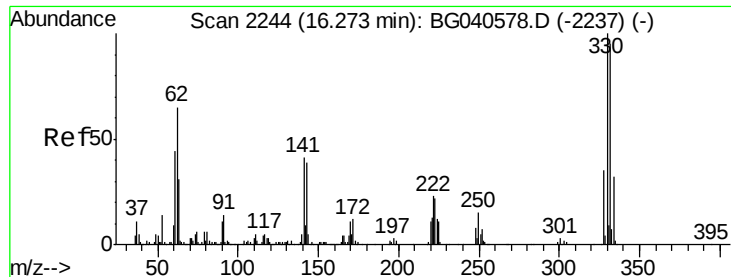
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.9	43.3
54	60.3	47.2	70.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.9	122.9
160	45.0	35.4	53.2

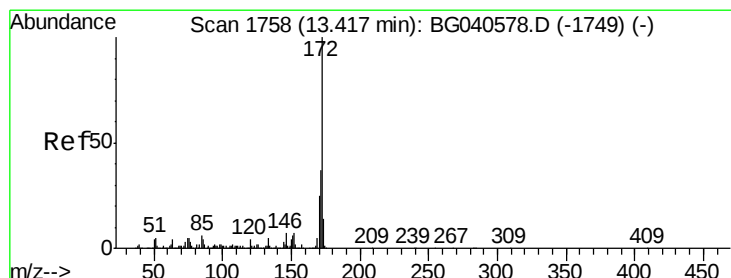
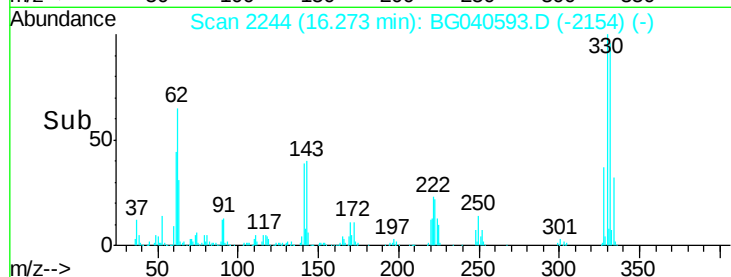
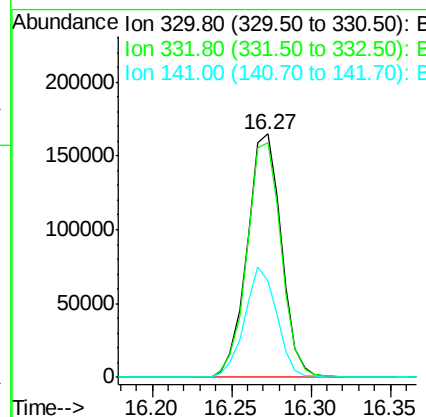
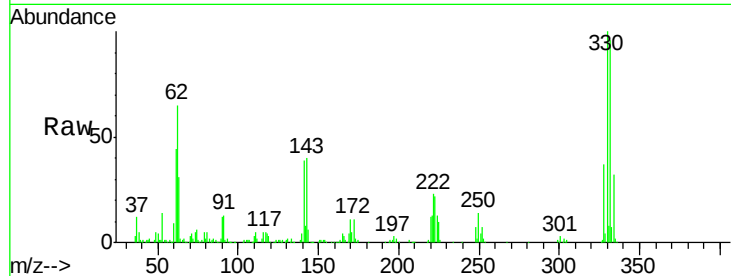




#42
 2,4,6-Tribromophenol
 Concen: 141.086 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

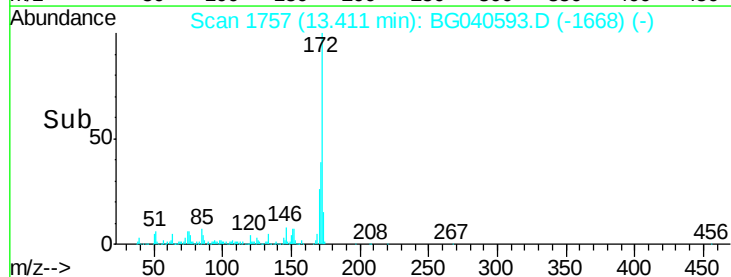
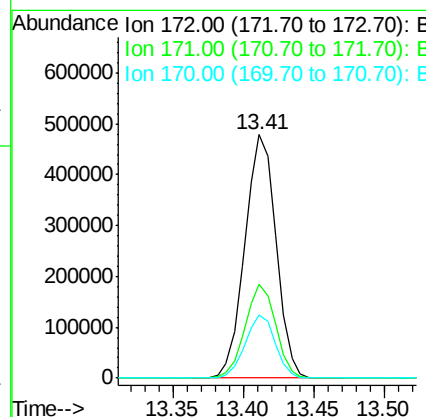
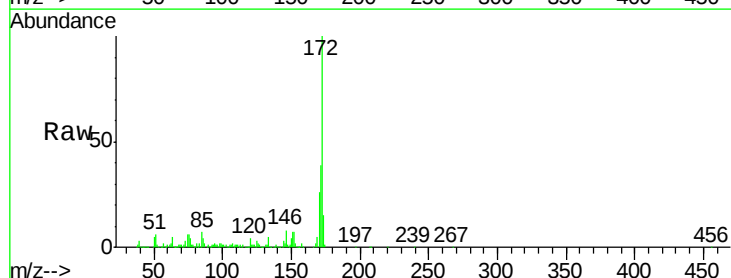
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

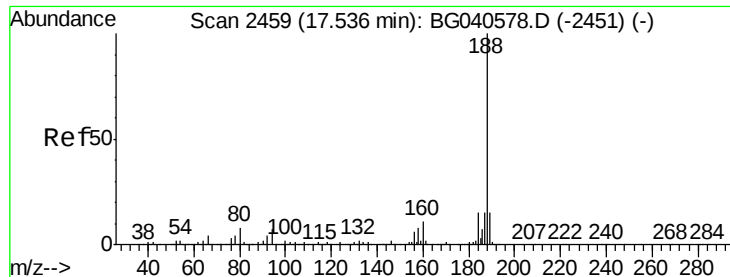
Tgt Ion:330 Resp: 247199
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.9 113.9
 141 42.8 32.4 48.6



#45
 2-Fluorobiphenyl
 Concen: 83.935 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

Tgt Ion:172 Resp: 740845
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.4 44.2
 170 25.8 19.9 29.9

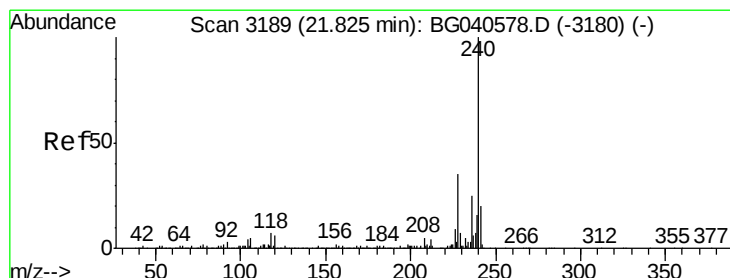
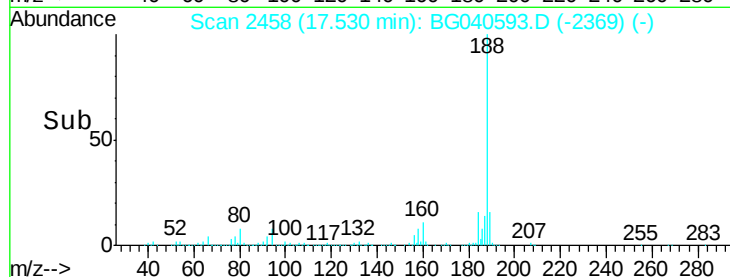
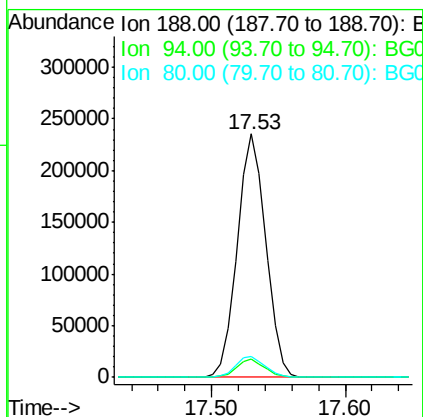
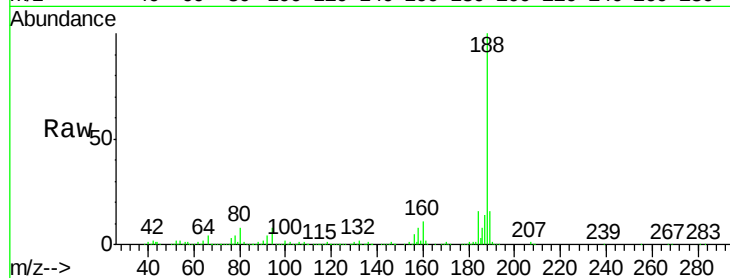




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040593.D
Acq: 24 Apr 2019 14:45

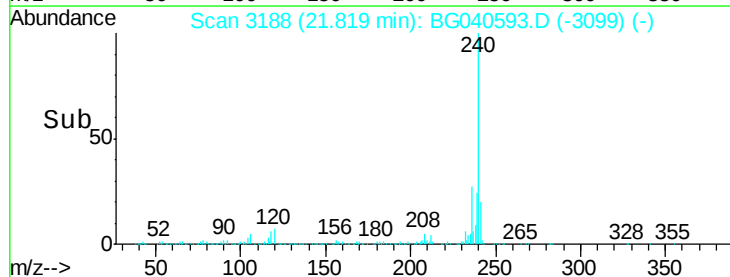
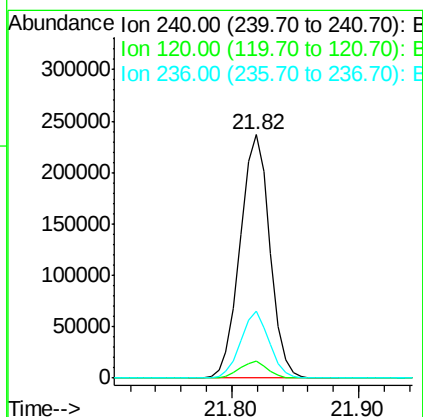
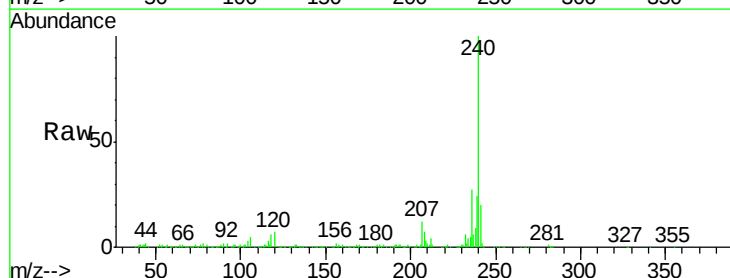
Instrument :
BNA_G
ClientSampleId :
TP-2

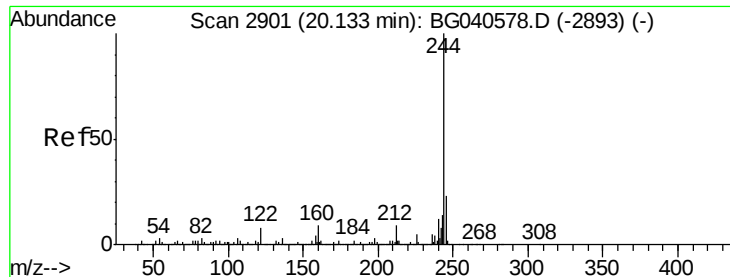
Tgt Ion:188 Resp: 346943
Ion Ratio Lower Upper
188 100
94 7.5 5.6 8.4
80 8.5 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040593.D
Acq: 24 Apr 2019 14:45

Tgt Ion:240 Resp: 384031
Ion Ratio Lower Upper
240 100
120 7.1 5.0 7.6
236 27.4 20.3 30.5

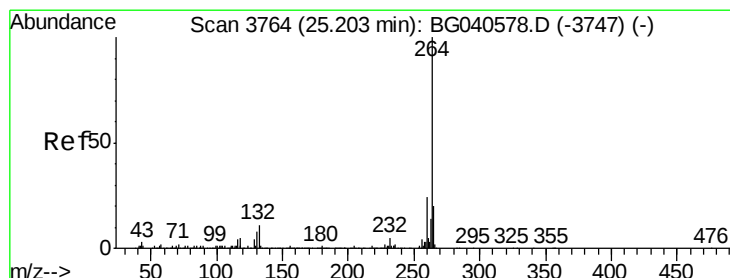
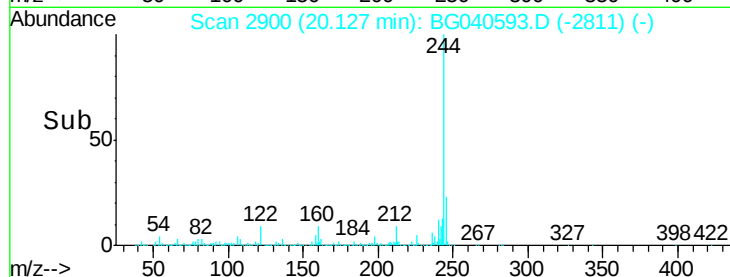
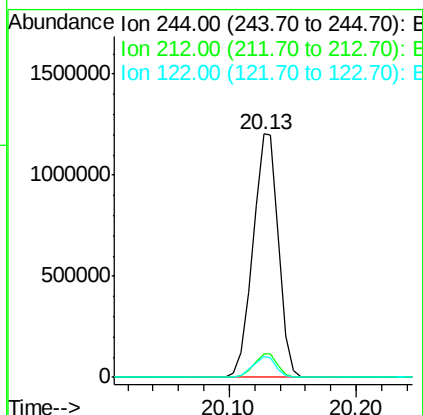
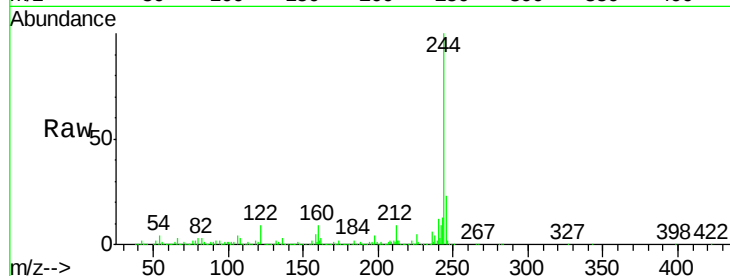




#79
 Terphenyl-d14
 Concen: 97.205 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1684986
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.2 10.8
 122 8.7 6.6 10.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3763
 Delta R.T. -0.01 min
 Lab File: BG040593.D
 Acq: 24 Apr 2019 14:45

Tgt Ion:264 Resp: 402925
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.7 16.6 25.0

