

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040800.D
 Acq On : 8 May 2019 22:50
 Operator : HP/JU
 Sample : PB119558TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119558TB

Quant Time: May 09 05:28:11 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	42279	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	165239	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	127443	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	356431	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	345833	20.00	ng	-0.03
87) Perylene-d12	25.14	264	244560	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	329518	137.39	ng	-0.01
7) Phenol-d6	7.28	99	483058	130.81	ng	-0.02
23) Nitrobenzene-d5	9.32	82	328889	91.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	220560	125.91	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	739685	83.82	ng	-0.02
79) Terphenyl-d14	20.11	244	1547407	99.13	ng	-0.02

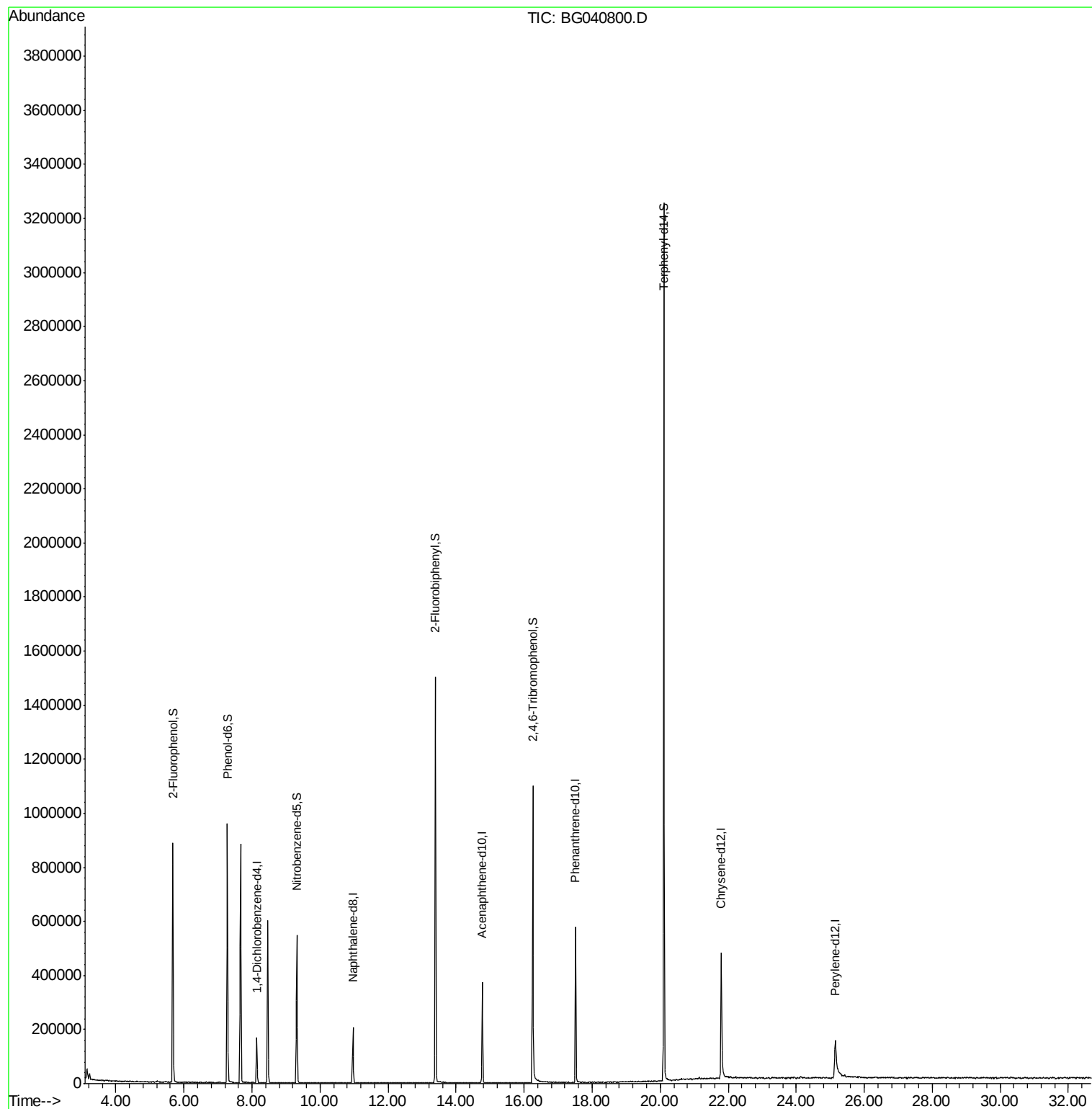
Target Compounds Qvalue

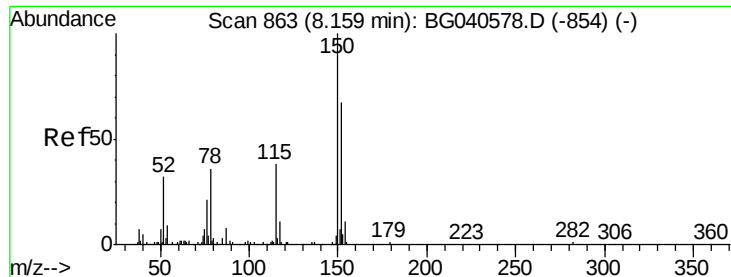
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040800.D

Acq: 8 May 2019 22:50

Instrument :

BNA_G

ClientSampleId :

PB119558TB

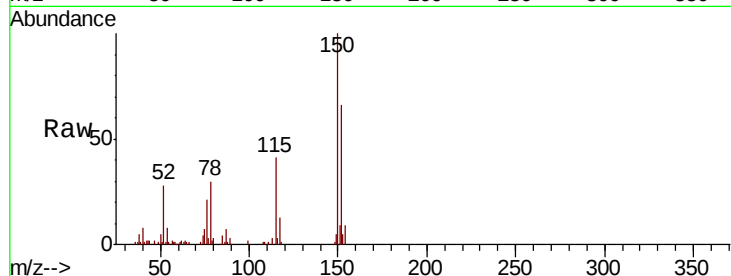
Tot Ion:152 Resp: 42279

Ion Ratio Lower Upper

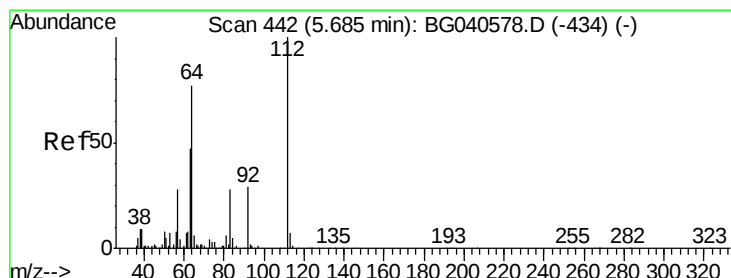
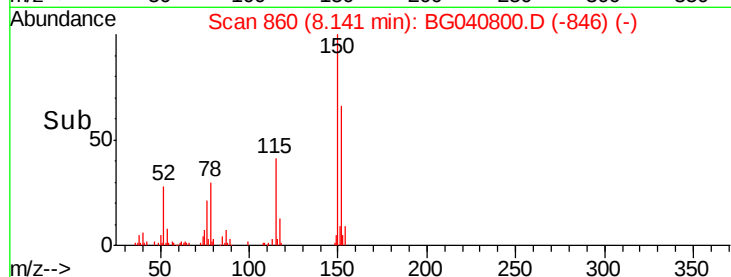
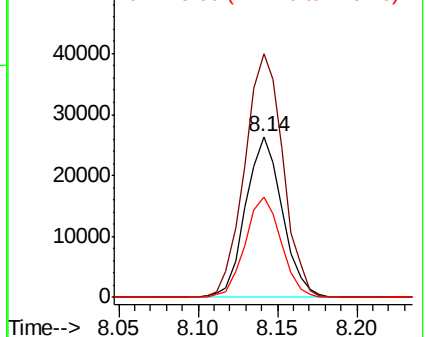
152 100

150 151.3 120.2 180.2

115 62.1 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: 137.388 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040800.D

Acq: 8 May 2019 22:50

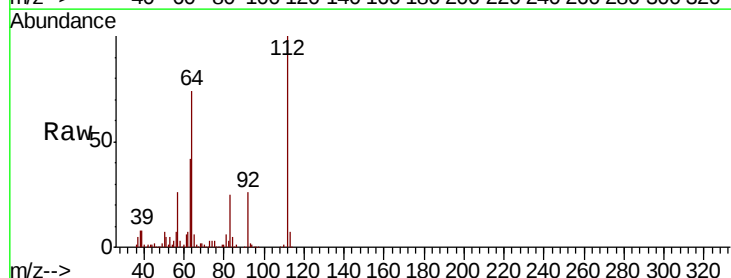
Tgt Ion:112 Resp: 329518

Ion Ratio Lower Upper

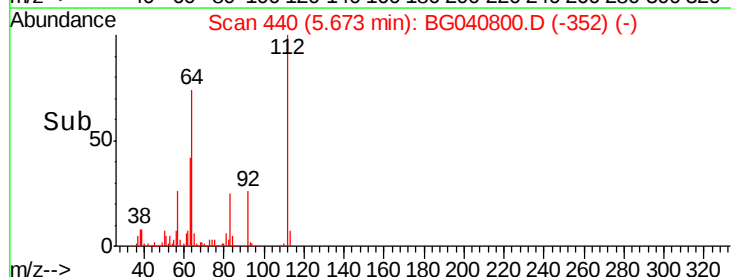
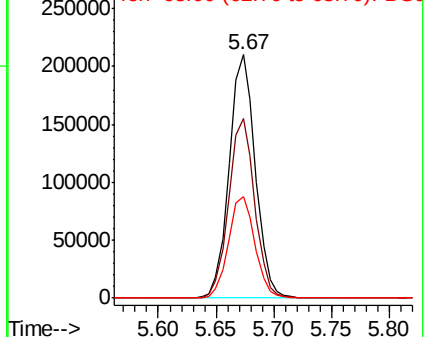
112 100

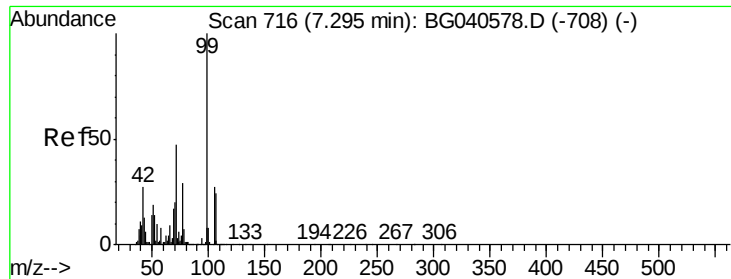
64 74.0 61.4 92.0

63 41.8 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: 130.806 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040800.D

Acq: 8 May 2019 22:50

Instrument :

BNA_G

ClientSampleId :

PB119558TB

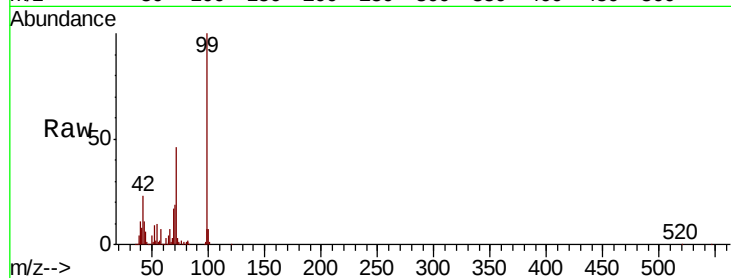
Tot Ion: 99 Resp: 483058

Ion	Ratio	Lower	Upper
99	100		
42	23.2	21.8	32.8
71	45.8	38.6	57.8

99 100

42 23.2 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

400000

300000

200000

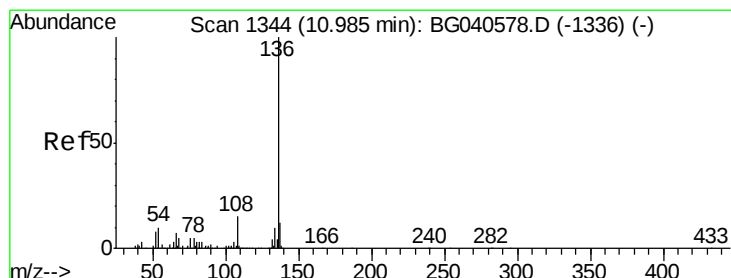
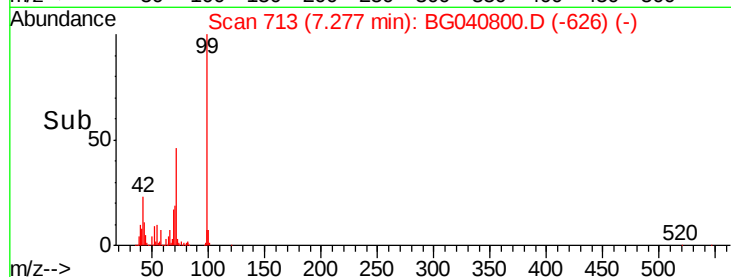
100000

0

7.28

7.20 7.25 7.30 7.35 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040800.D

Acq: 8 May 2019 22:50

Tgt Ion: 136 Resp: 165239

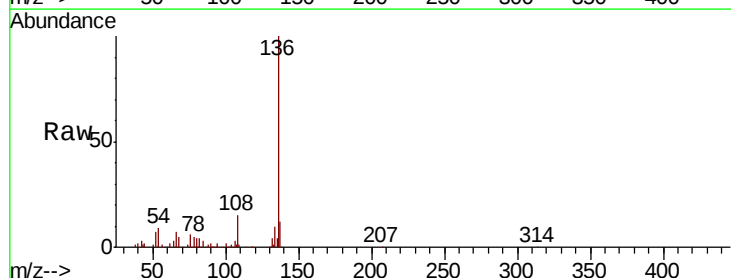
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	9.0	8.6	12.8
68	5.0	4.8	7.2

136 100

137 11.7 9.7 14.5

54 9.0 8.6 12.8

68 5.0 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

100000

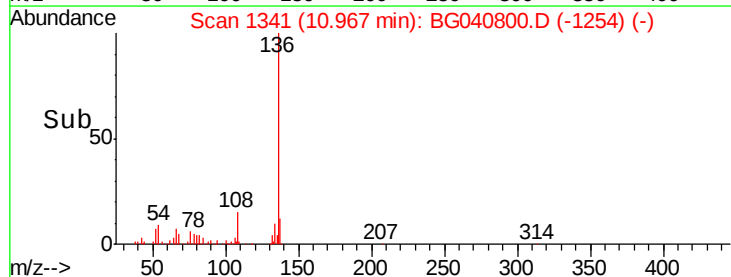
50000

0

10.97

10.90 11.00

Time-->

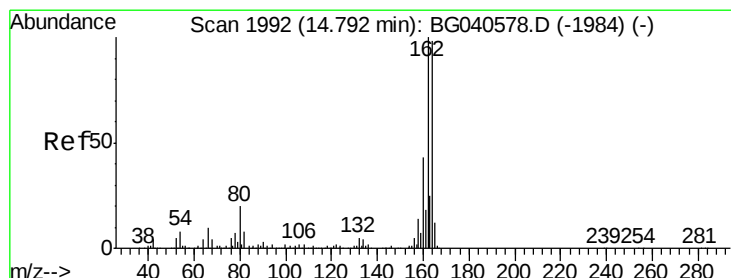
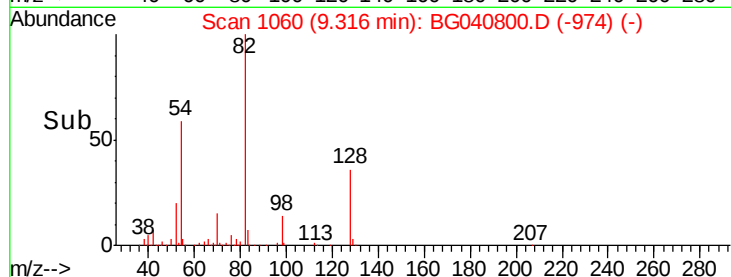
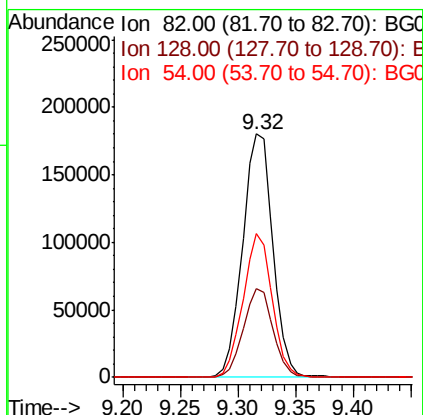
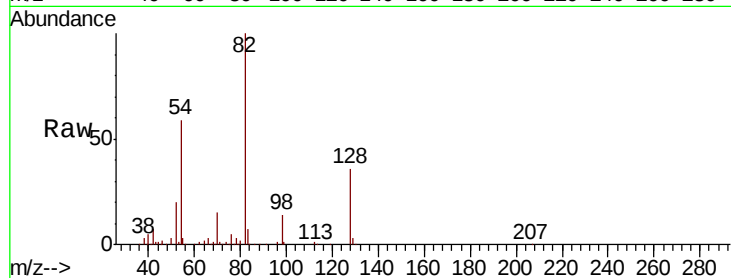




#23
Nitrobenzene-d5
Concen: 91.968 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

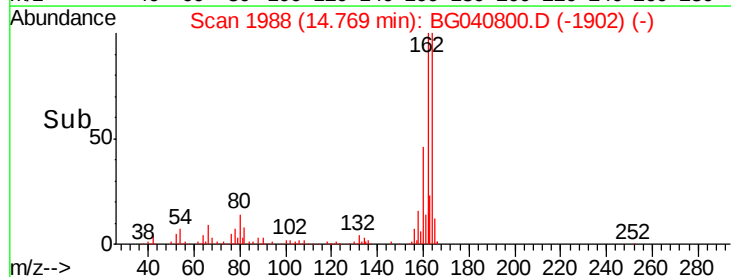
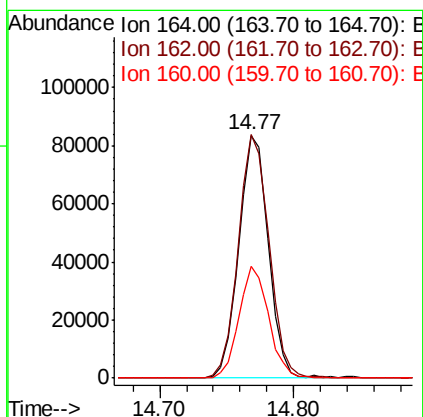
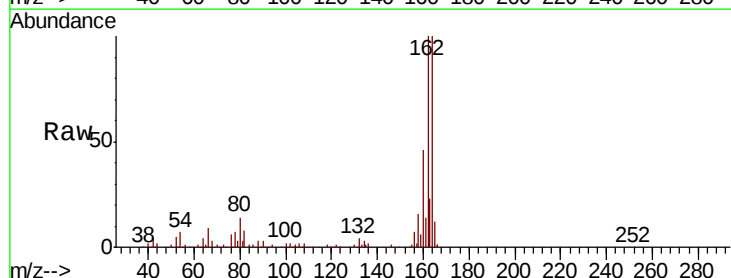
Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	58.8	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: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.9	122.9
160	45.8	35.4	53.2

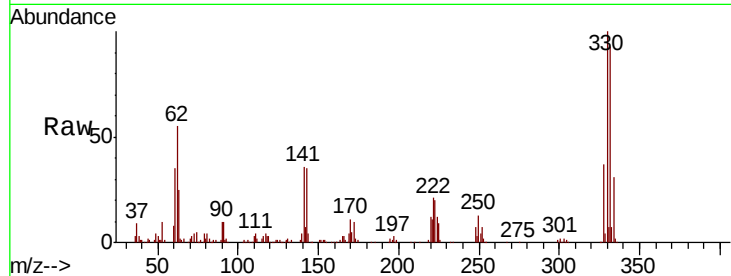




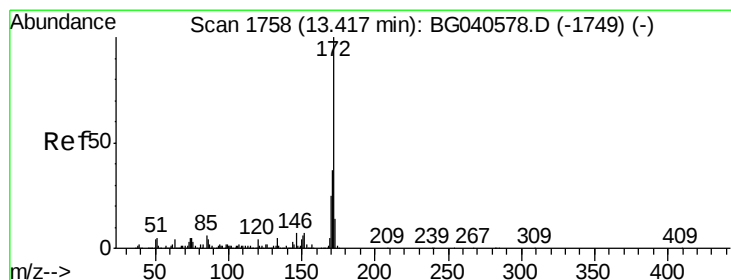
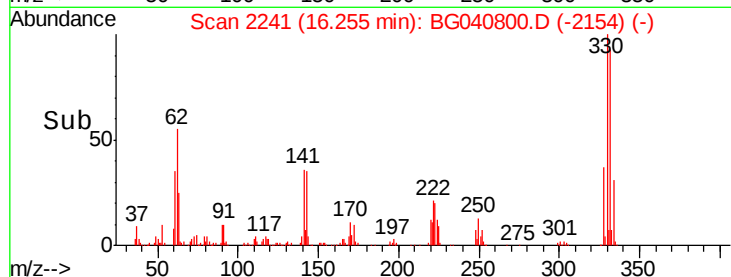
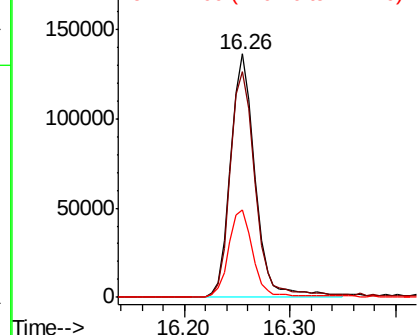
#42
2,4,6-Tribromophenol
Concen: 125.910 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Instrument :
BNA_G
ClientSampleId :
PB119558TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	35.8	32.4	48.6

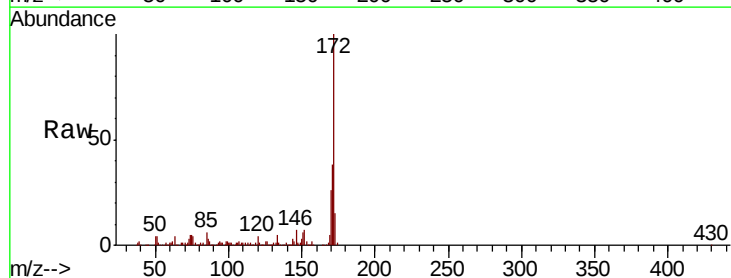


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

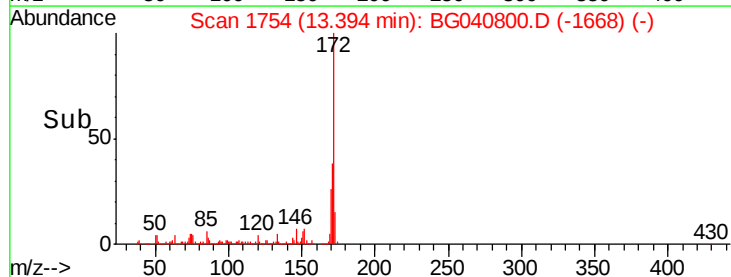
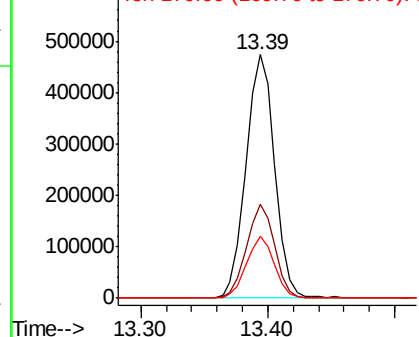


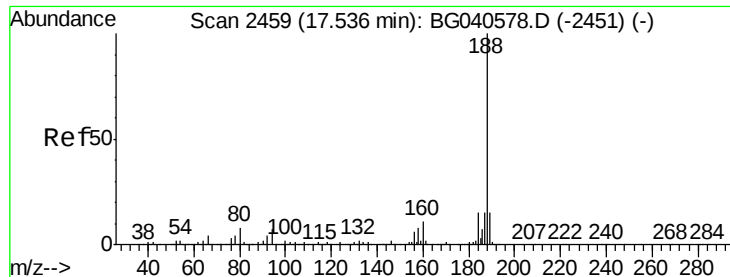
#45
2-Fluorobiphenyl
Concen: 83.822 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040800.D
Acq: 8 May 2019 22:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.5	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: BG040800.D

Acq: 8 May 2019 22:50

Instrument :

BNA_G

ClientSampleId :

PB119558TB

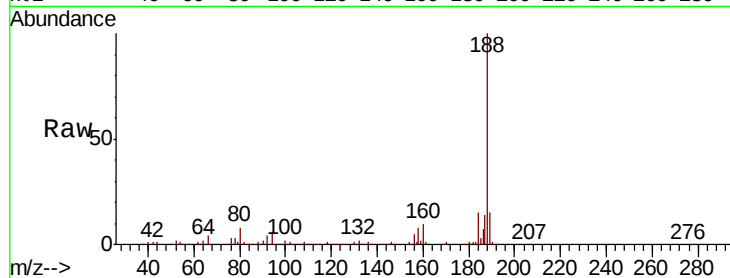
Tot Ion:188 Resp: 356431

Ion Ratio Lower Upper

188 100

94 6.4 5.6 8.4

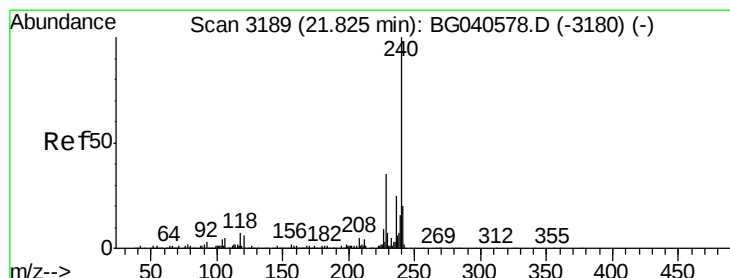
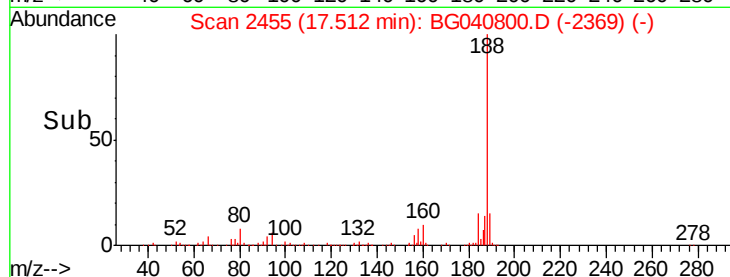
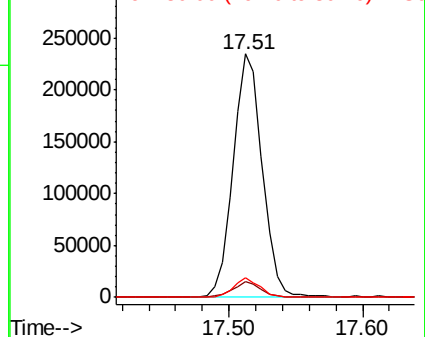
80 8.1 6.4 9.6



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: BG040800.D

Acq: 8 May 2019 22:50

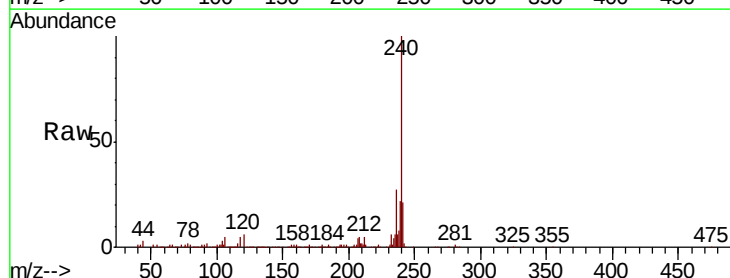
Tgt Ion:240 Resp: 345833

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.6

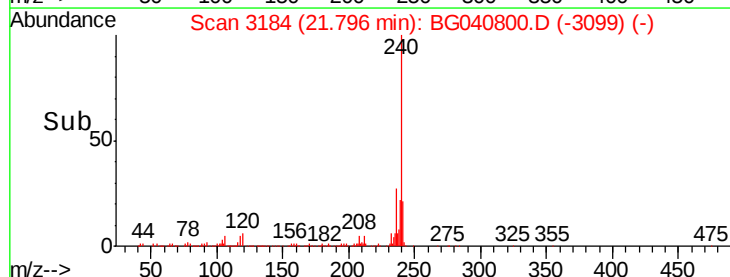
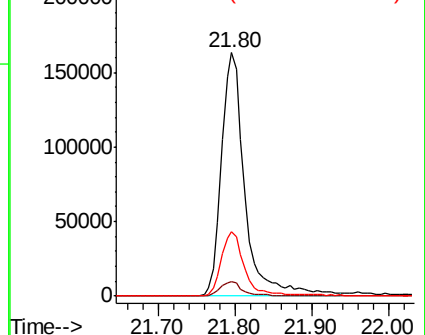
236 26.5 20.3 30.5

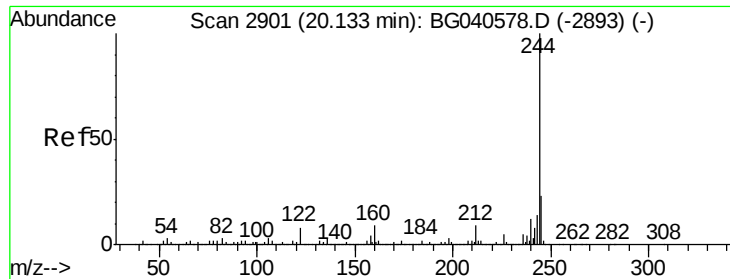


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.128 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040800.D

Acq: 8 May 2019 22:50

Instrument :

BNA_G

ClientSampleId :

PB119558TB

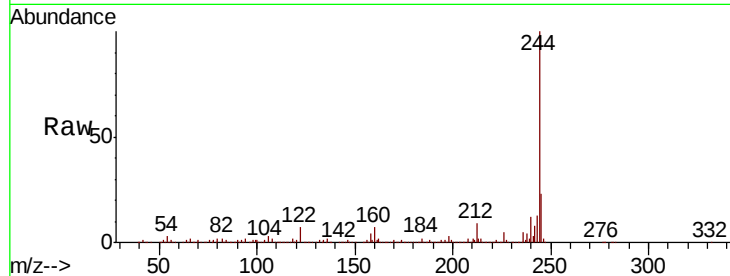
Tot Ion:244 Resp: 1547407

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

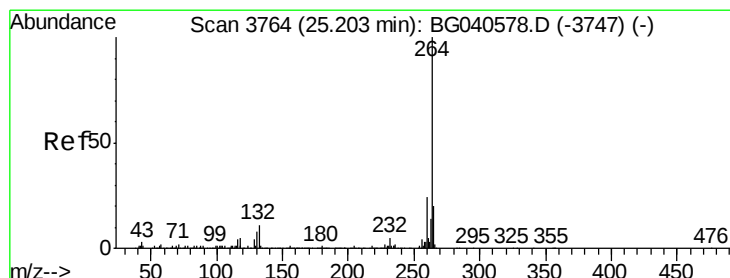
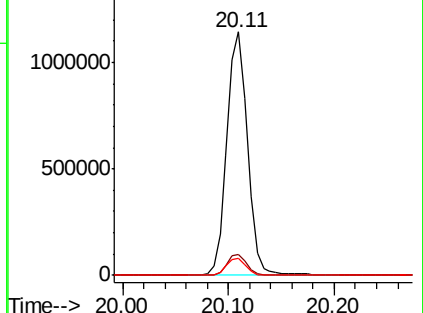
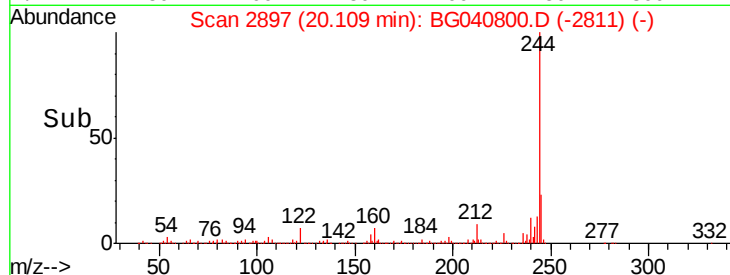
122 7.0 6.6 10.0



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# 3754

Delta R.T. -0.06 min

Lab File: BG040800.D

Acq: 8 May 2019 22:50

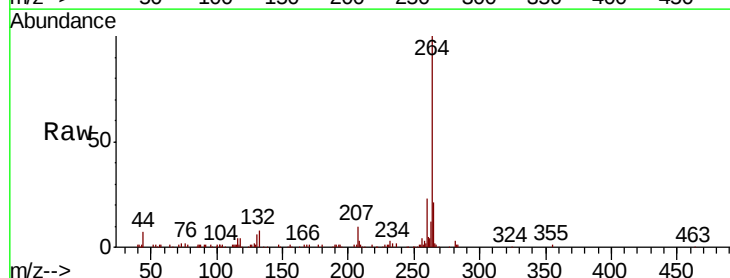
Tgt Ion:264 Resp: 244560

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.7 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

