

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040811.D
 Acq On : 9 May 2019 7:43
 Operator : HP/JU
 Sample : K2641-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-E

Quant Time: May 09 08:23:04 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	38648	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	149716	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	112164	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	319519	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	306985	20.00	ng	-0.03
87) Perylene-d12	25.15	264	198754	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	373895	170.54	ng	0.00
7) Phenol-d6	7.28	99	500907	148.38	ng	-0.02
23) Nitrobenzene-d5	9.32	82	420664	129.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	266955	173.15	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	881585	113.51	ng	-0.02
79) Terphenyl-d14	20.10	244	1867160	134.75	ng	-0.03

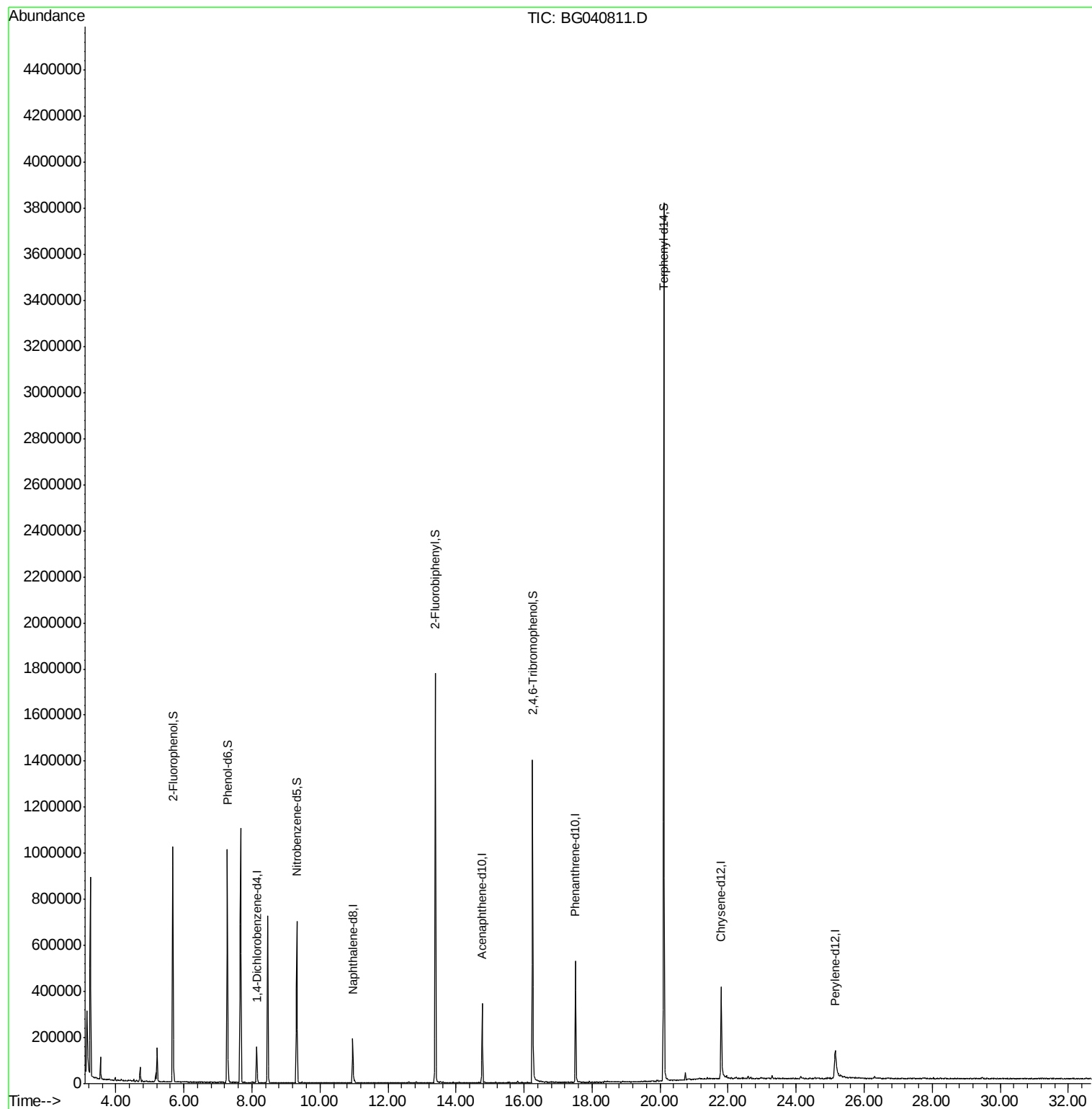
Target Compounds Qvalue

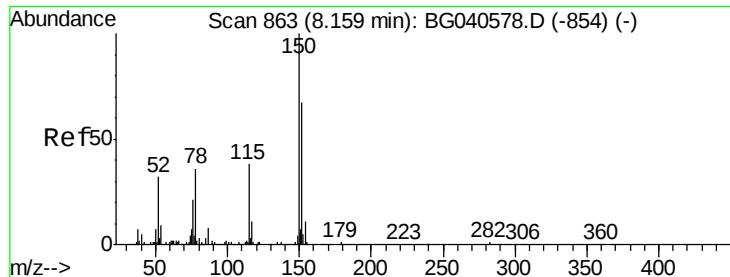
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG040811.D

Acq: 9 May 2019 7:43

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-E

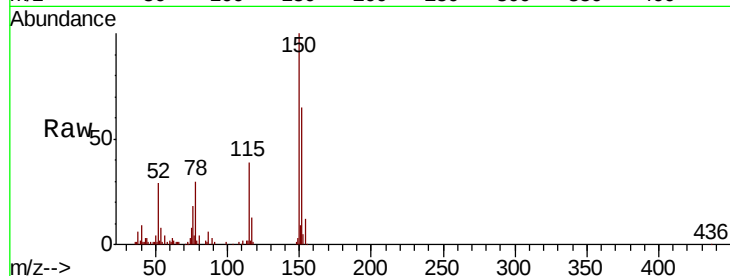
Tot Ion:152 Resp: 38648

Ion Ratio Lower Upper

152 100

150 154.8 120.2 180.2

115 60.3 46.2 69.2

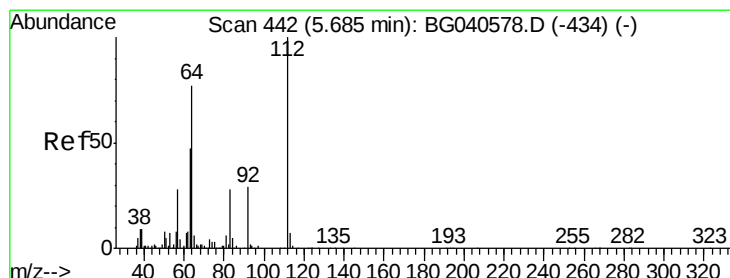
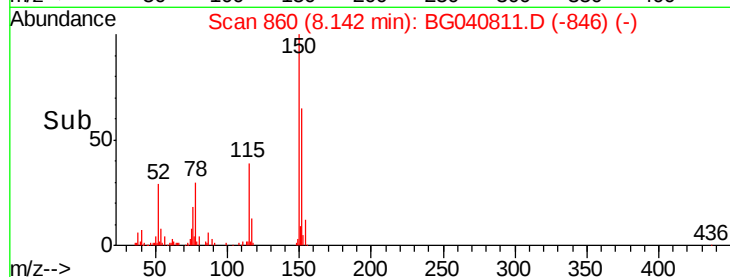
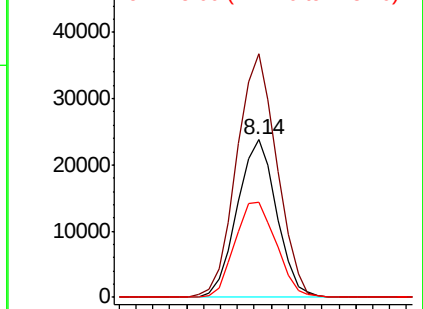


Abundance

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: 170.536 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040811.D

Acq: 9 May 2019 7:43

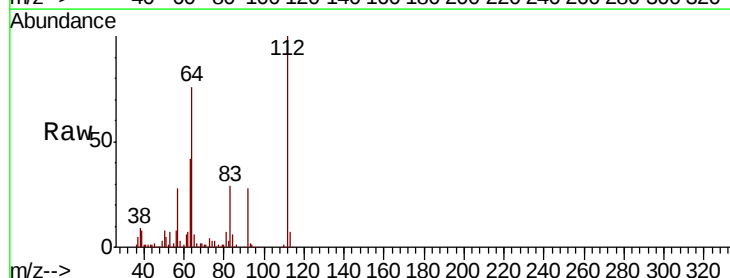
Tgt Ion:112 Resp: 373895

Ion Ratio Lower Upper

112 100

64 75.6 61.4 92.0

63 41.5 37.8 56.6

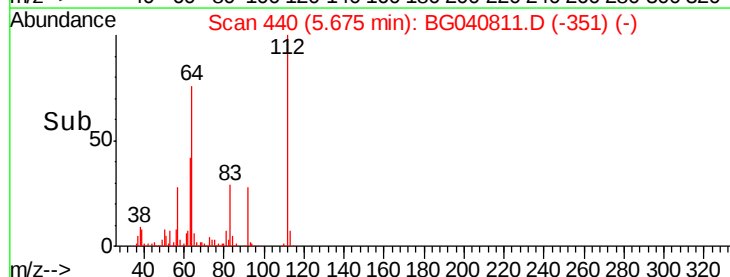
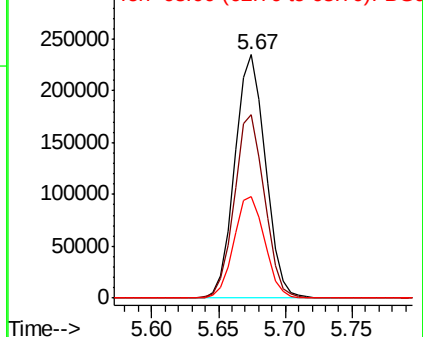


Abundance

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: 148.383 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040811.D

Acq: 9 May 2019 7:43

Instrument :

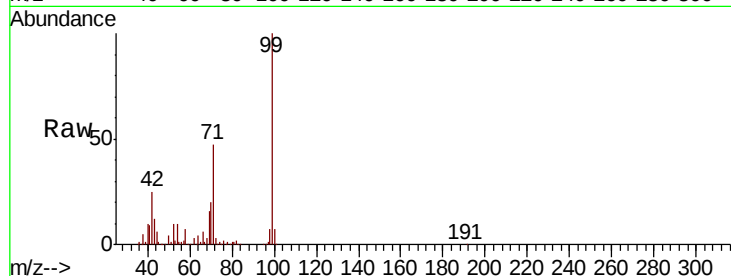
BNA_G

ClientSampleId :

CL-02-050719-E

Tot Ion: 99 Resp: 500907

Ion	Ratio	Lower	Upper
99	100		
42	25.0	21.8	32.8
71	47.0	38.6	57.8

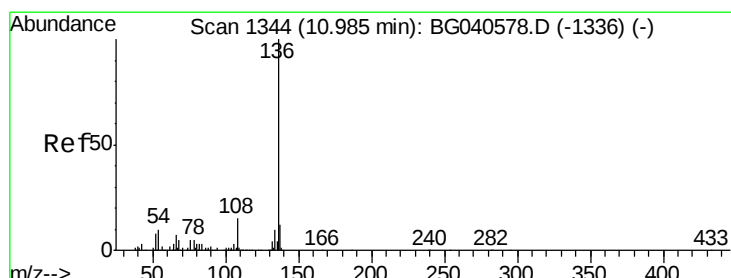
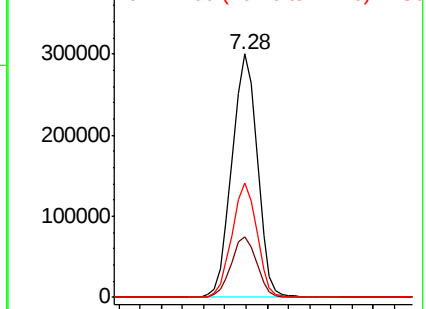
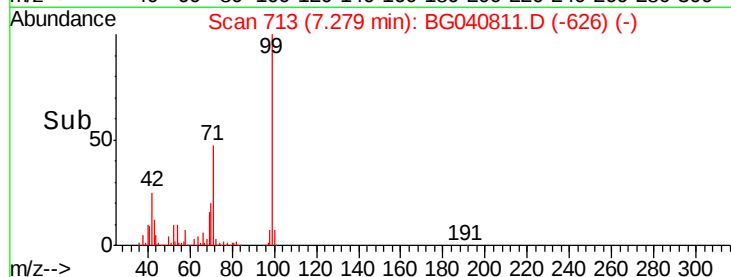


Abundance

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# 1340

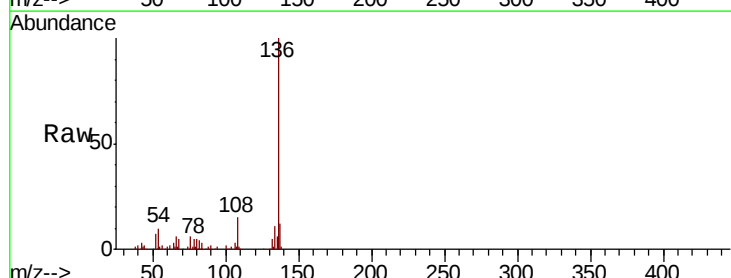
Delta R.T. -0.02 min

Lab File: BG040811.D

Acq: 9 May 2019 7:43

Tgt Ion: 136 Resp: 149716

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	9.7	8.6	12.8
68	5.0	4.8	7.2



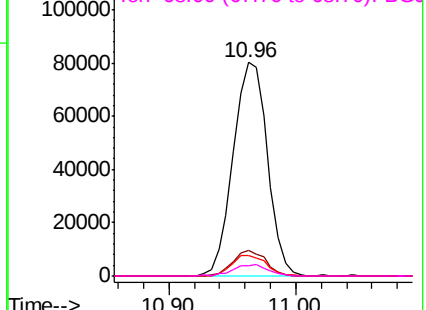
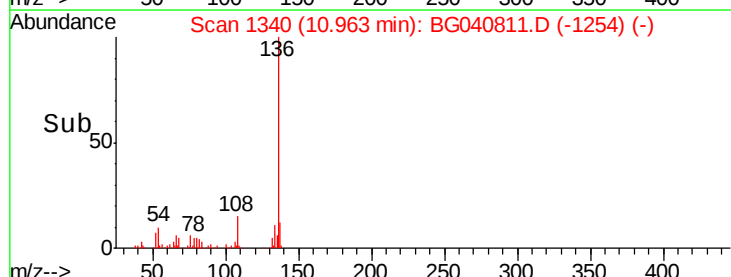
Abundance

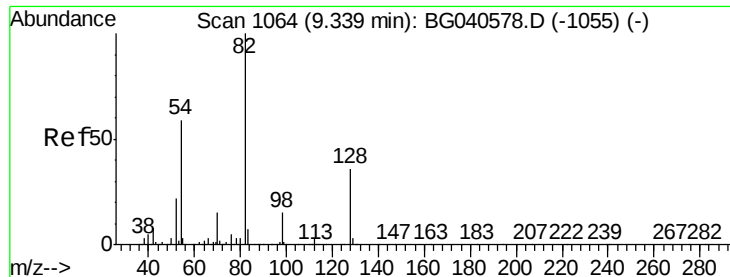
Ion 136.00 (135.70 to 136.70): BGC

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

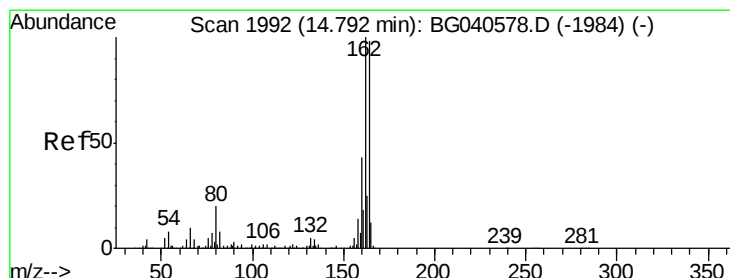
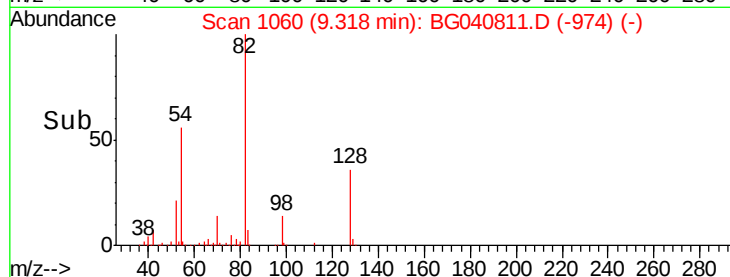
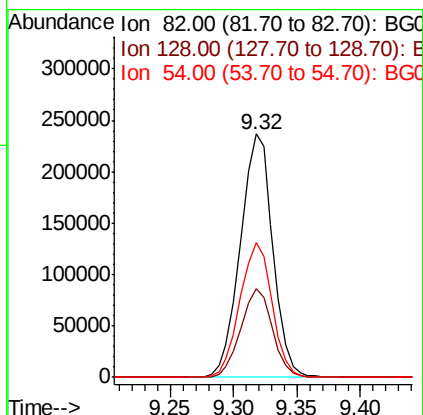
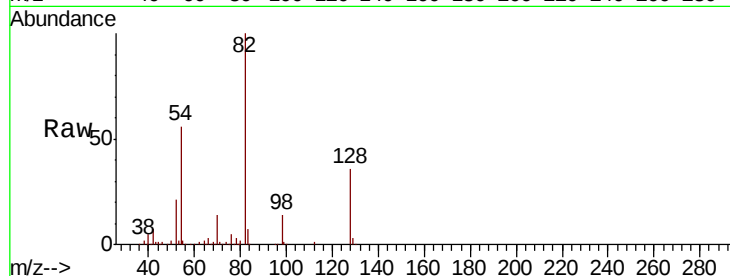




#23
Nitrobenzene-d5
Concen: 129.828 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040811.D
Acq: 9 May 2019 7:43

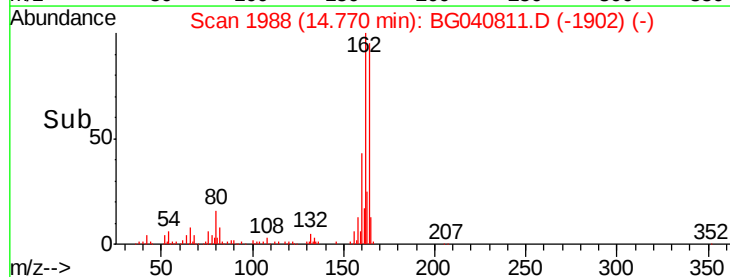
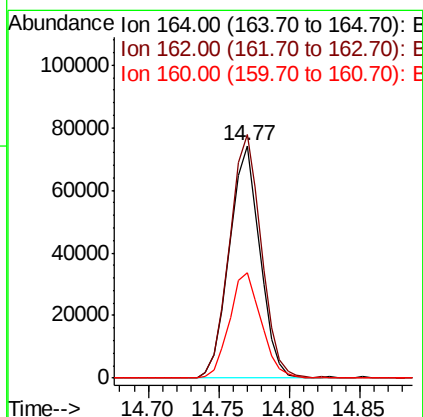
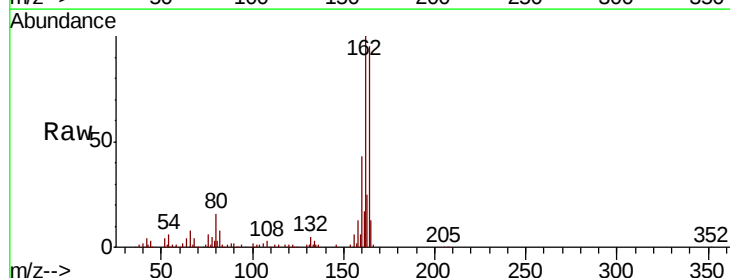
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-E

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	55.5	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: BG040811.D
Acq: 9 May 2019 7:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.9	122.9
160	45.3	35.4	53.2

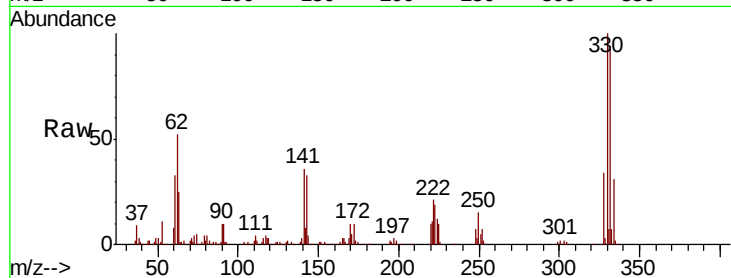




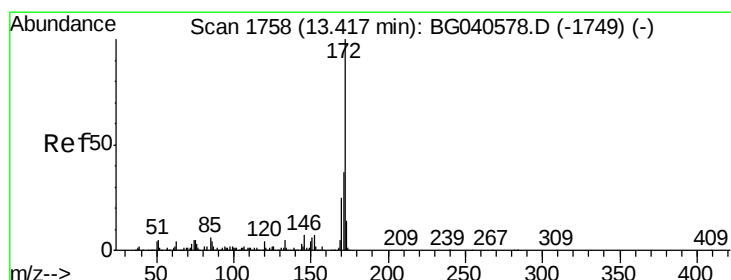
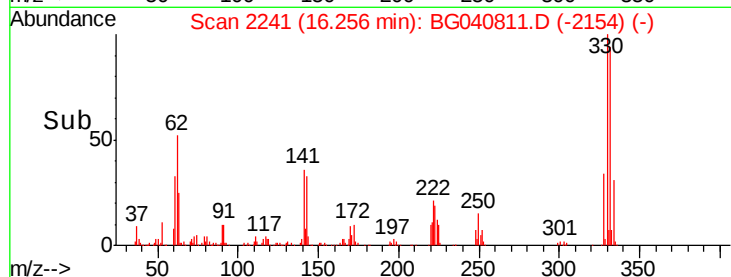
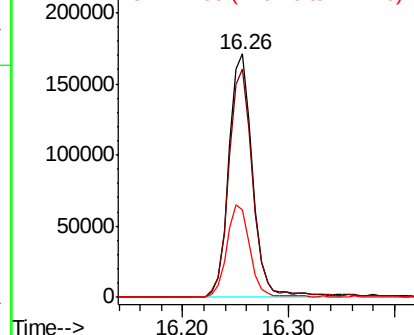
#42
 2,4,6-Tribromophenol
 Concen: 173.154 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BG040811.D
 Acq: 9 May 2019 7:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	37.3	32.4	48.6

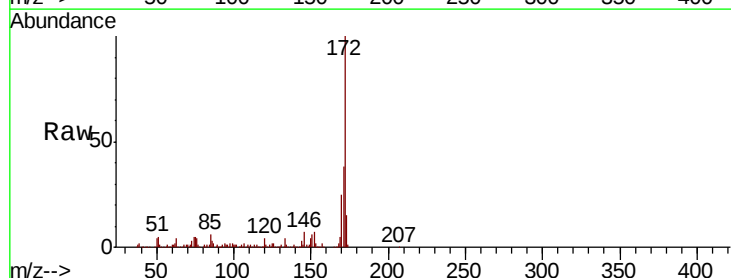


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

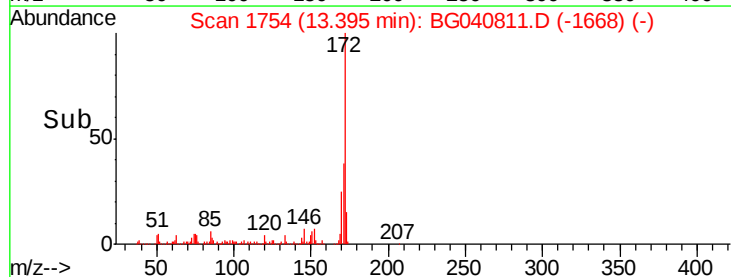
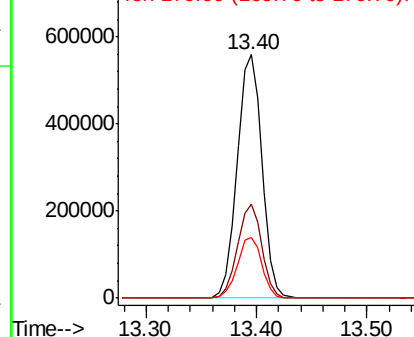


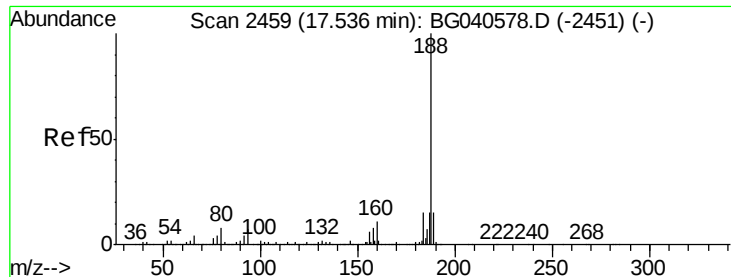
#45
 2-Fluorobiphenyl
 Concen: 113.511 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040811.D
 Acq: 9 May 2019 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	24.9	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: BG040811.D

Acq: 9 May 2019 7:43

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-E

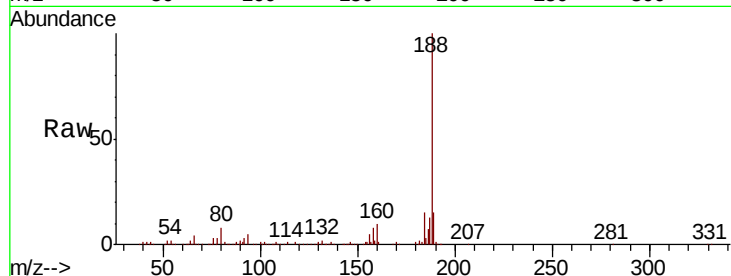
Tot Ion:188 Resp: 319519

Ion Ratio Lower Upper

188 100

94 5.3 5.6 8.4#

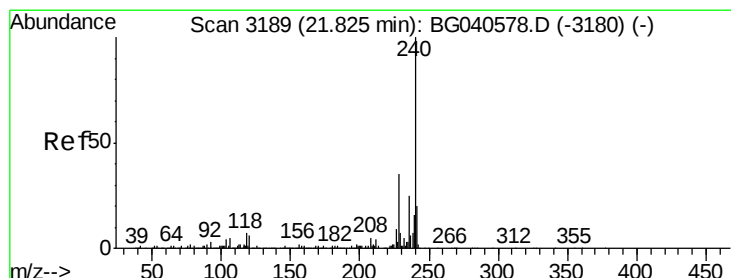
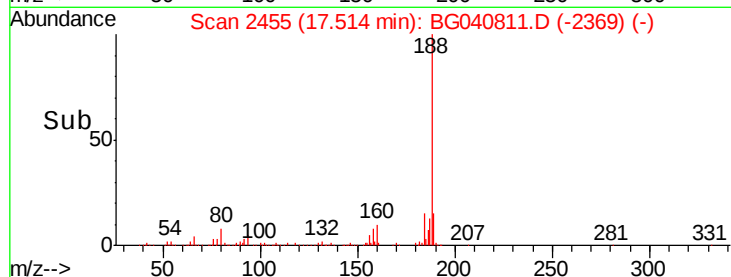
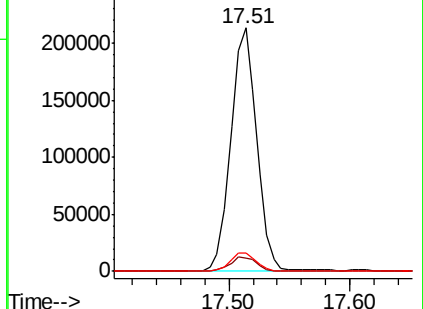
80 7.8 6.4 9.6



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: BG040811.D

Acq: 9 May 2019 7:43

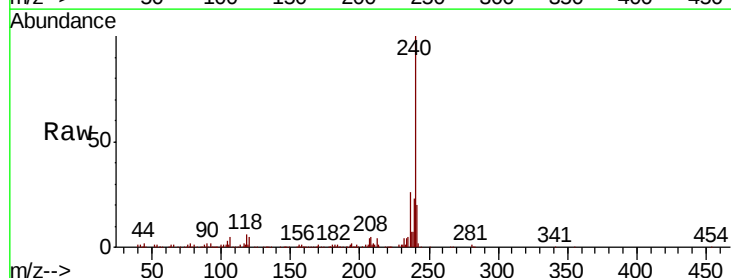
Tgt Ion:240 Resp: 306985

Ion Ratio Lower Upper

240 100

120 4.6 5.0 7.6#

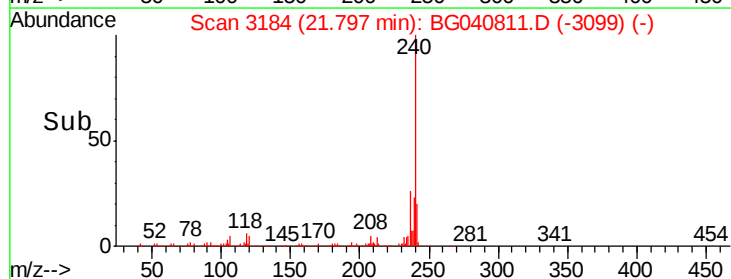
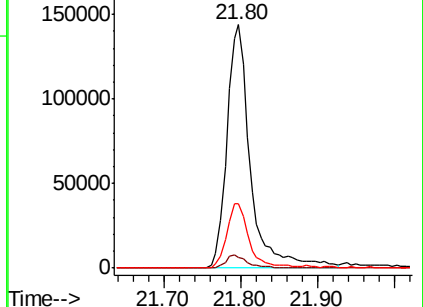
236 26.5 20.3 30.5

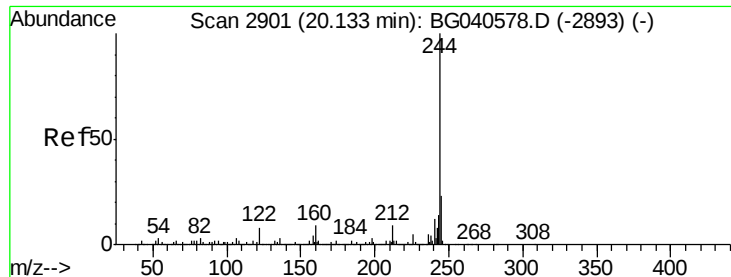


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 134.748 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040811.D

Acq: 9 May 2019 7:43

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-E

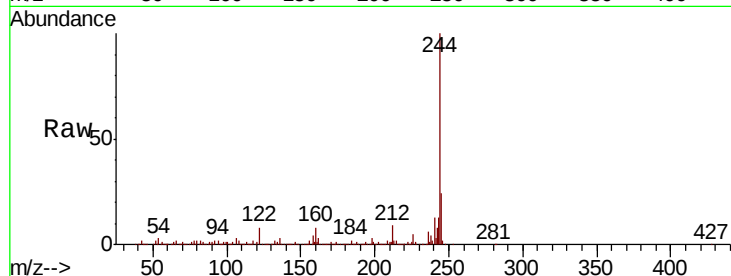
Tot Ion:244 Resp: 1867160

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

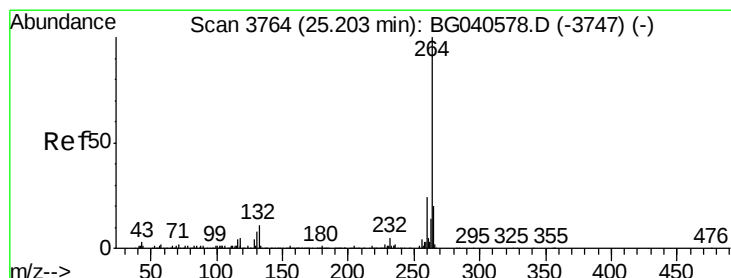
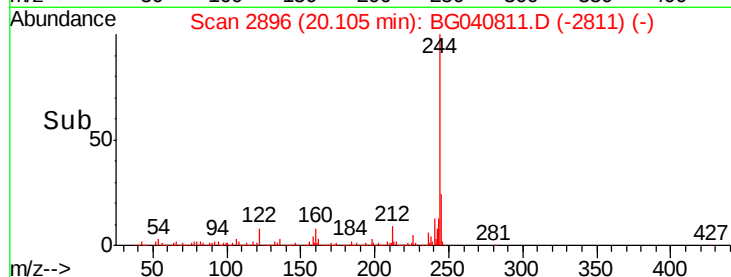
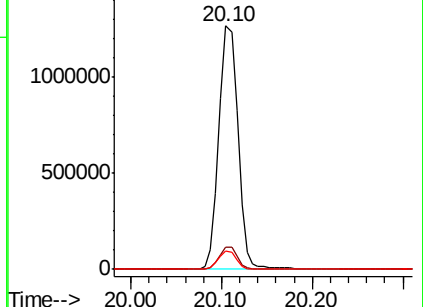
122 7.8 6.6 10.0



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# 3754

Delta R.T. -0.06 min

Lab File: BG040811.D

Acq: 9 May 2019 7:43

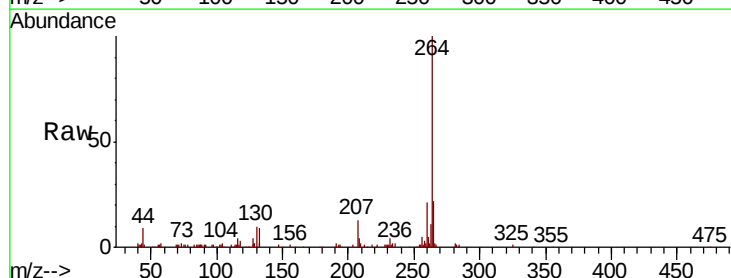
Tgt Ion:264 Resp: 198754

Ion Ratio Lower Upper

264 100

260 21.4 19.2 28.8

265 21.8 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

