

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022200.D
 Acq On : 7 Jun 2016 12:01
 Operator : UM/SJ
 Sample : H3424-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-3(5-7.5)

Quant Time: Jun 07 16:18:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

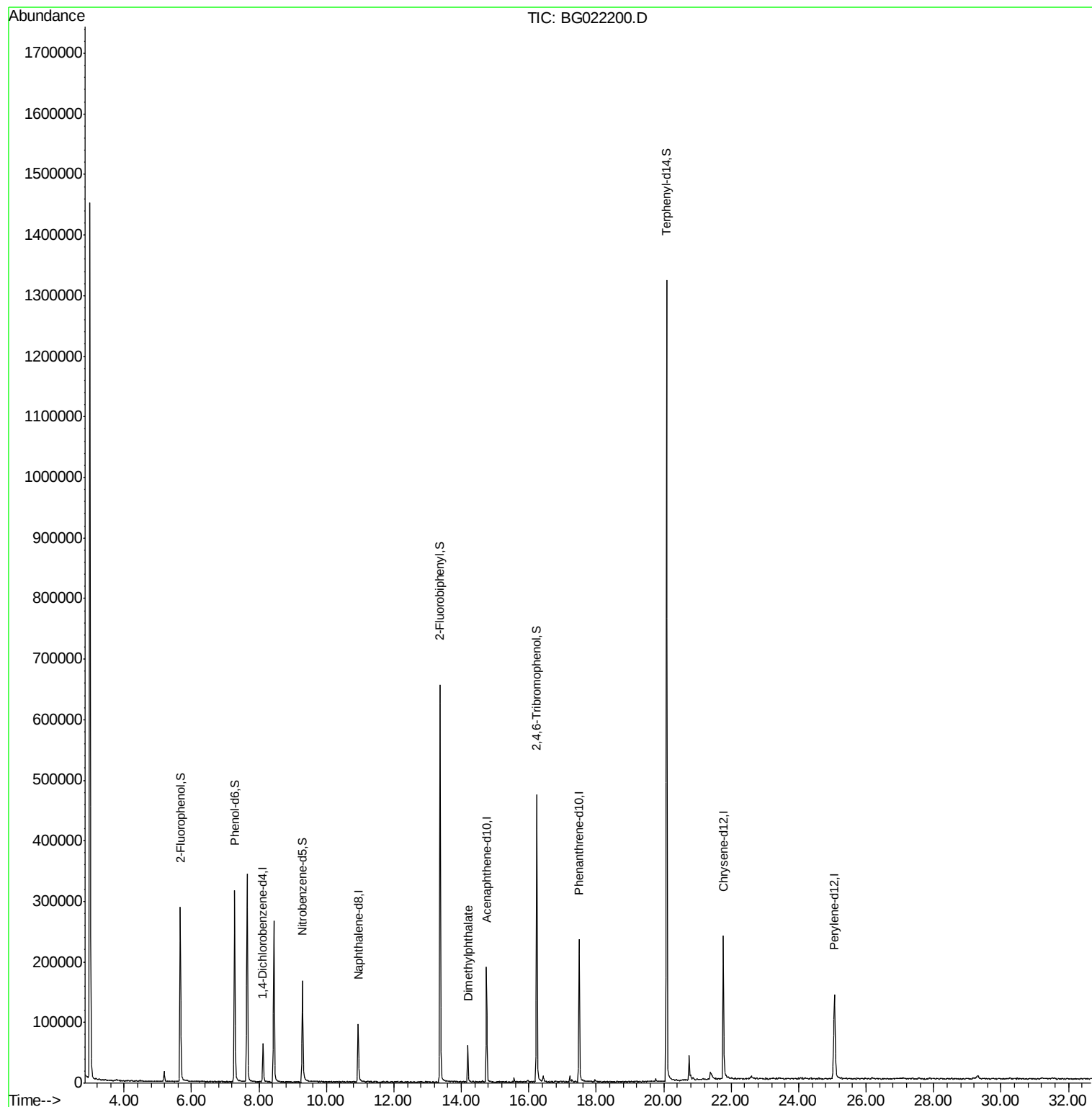
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25845	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	119310	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	74236	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	178575	20.00	ng	0.00
75) Chrysene-d12	21.77	240	178264	20.00	ng	0.00
86) Perylene-d12	25.06	264	171546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	199200	149.02	ng	0.00
7) Phenol-d6	7.28	99	289198	137.60	ng	0.00
23) Nitrobenzene-d5	9.29	82	147856	86.40	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	115313	137.47	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	416607	85.52	ng	0.00
78) Terphenyl-d14	20.08	244	667318	88.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	53267	8.65	ng	Qvalue # 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

Instrument :

BNA_G

ClientSampleId :

CTM-3(5-7.5)

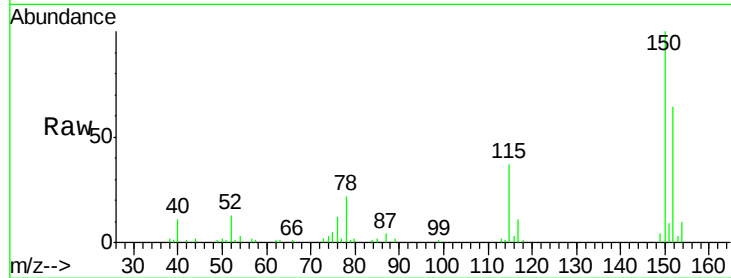
Tgt Ion:152 Resp: 25845

Ion Ratio Lower Upper

152 100

150 156.8 130.1 195.1

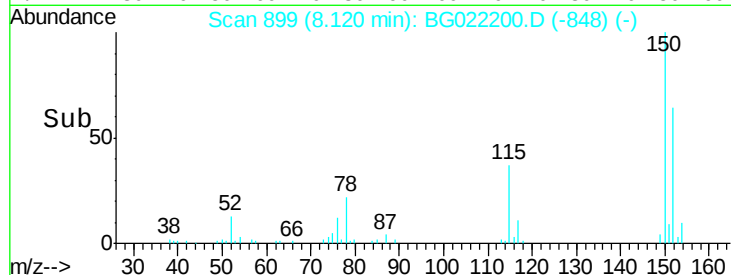
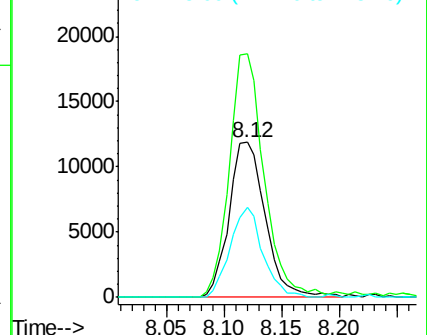
115 57.7 62.2 93.2#



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: 149.02 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

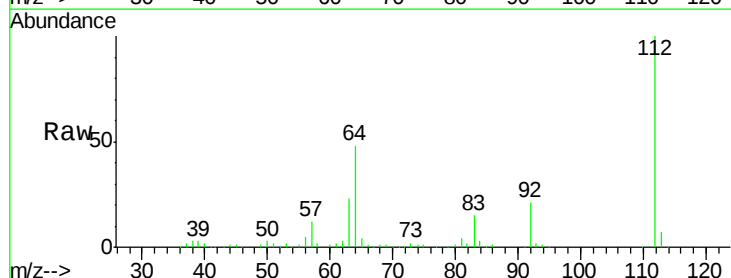
Tgt Ion:112 Resp: 199200

Ion Ratio Lower Upper

112 100

64 47.9 51.1 76.7#

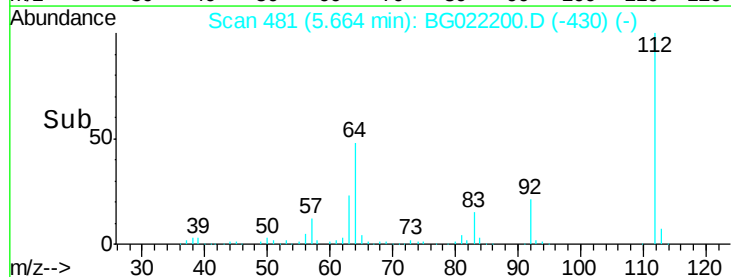
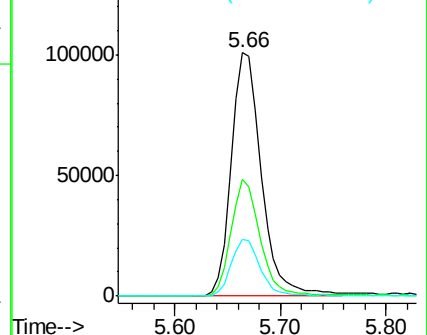
63 23.4 24.6 37.0#



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: 137.60 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

Instrument :

BNA_G

ClientSampleId :

CTM-3(5-7.5)

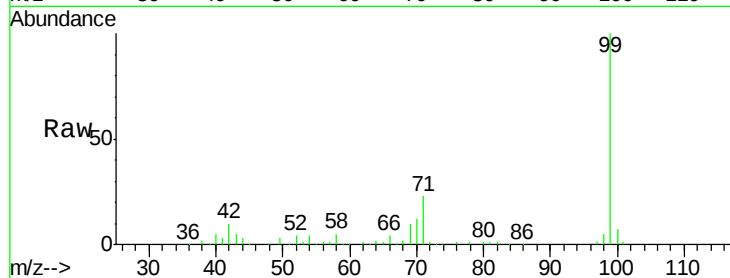
Tgt Ion: 99 Resp: 289198

Ion Ratio Lower Upper

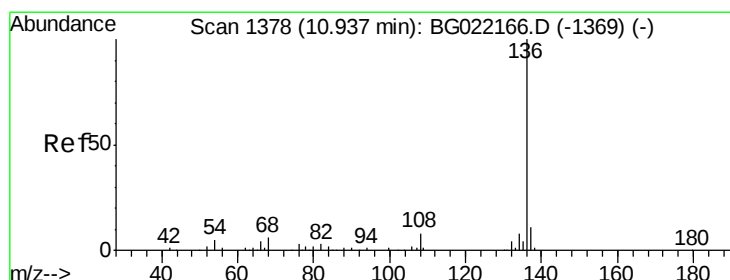
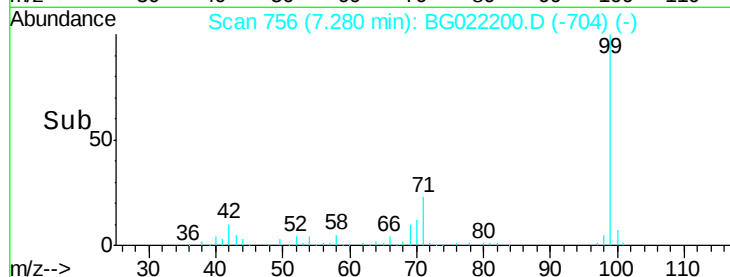
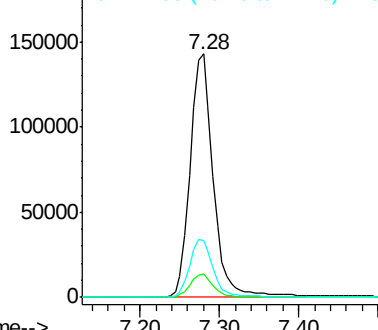
99 100

42 9.8 16.4 24.6#

71 23.5 25.0 37.4#



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: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

Tgt Ion: 136 Resp: 119310

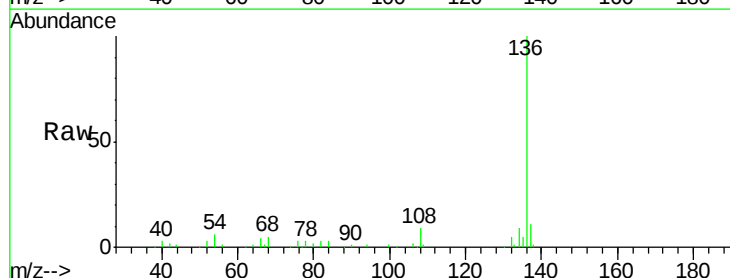
Ion Ratio Lower Upper

136 100

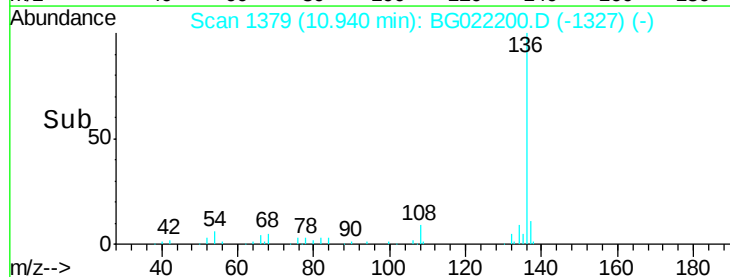
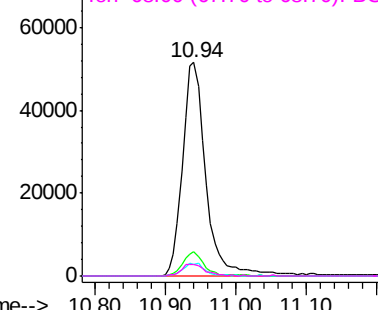
137 11.2 9.0 13.4

54 5.6 9.6 14.4#

68 5.4 6.4 9.6#



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

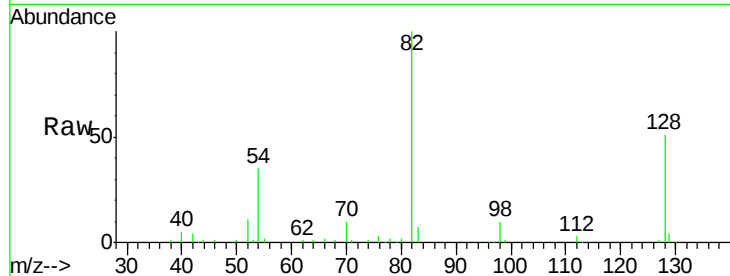




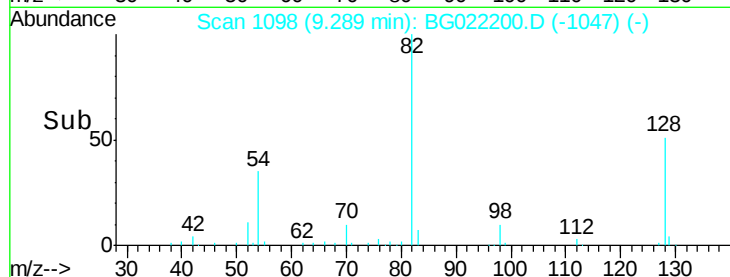
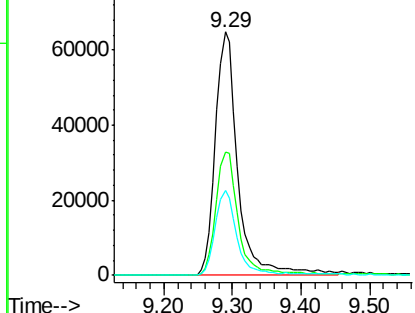
#23
Nitrobenzene-d5
Concen: 86.40 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022200.D
Acq: 7 Jun 2016 12:01

Instrument :
BNA_G
ClientSampleId :
CTM-3(5-7.5)

Tgt Ion: 82 Resp: 147856
Ion Ratio Lower Upper
82 100
128 50.6 33.4 50.0#
54 34.8 46.1 69.1#

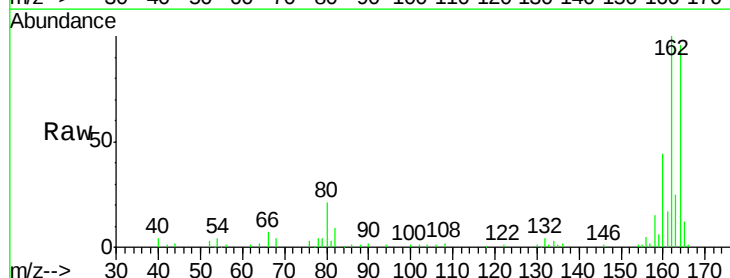


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

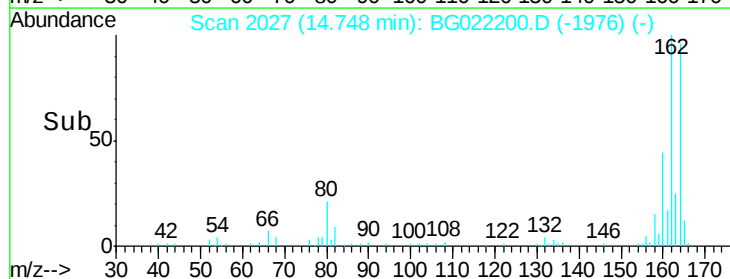
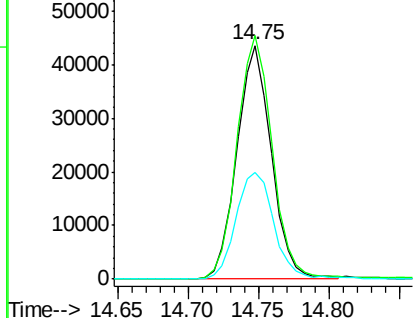


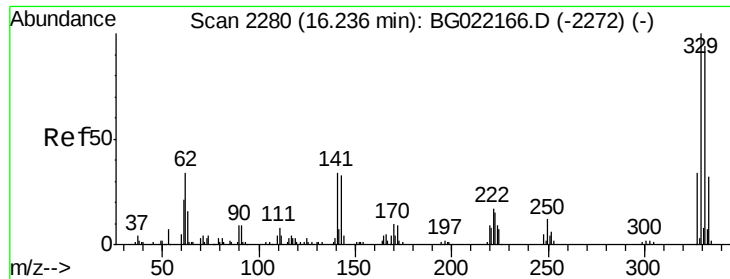
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022200.D
Acq: 7 Jun 2016 12:01

Tgt Ion: 164 Resp: 74236
Ion Ratio Lower Upper
164 100
162 104.2 78.0 117.0
160 45.7 32.9 49.3



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

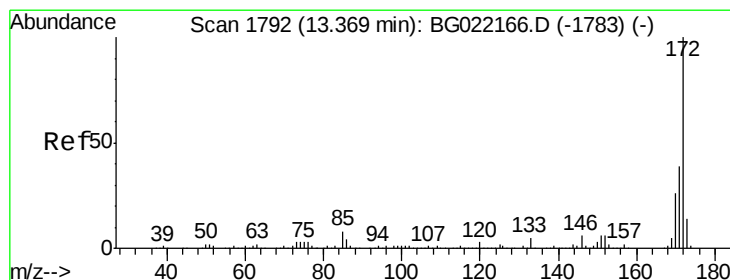
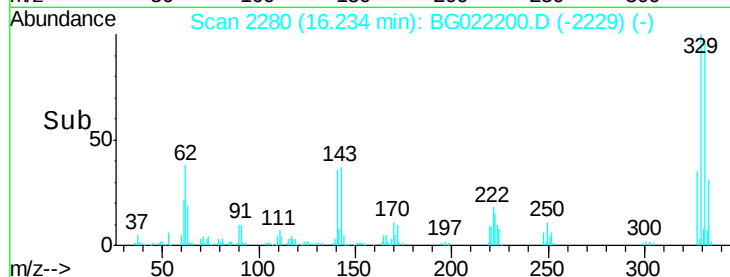
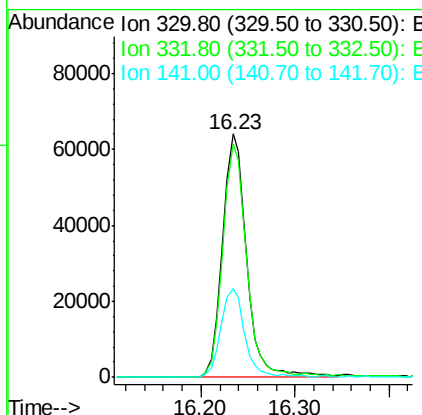
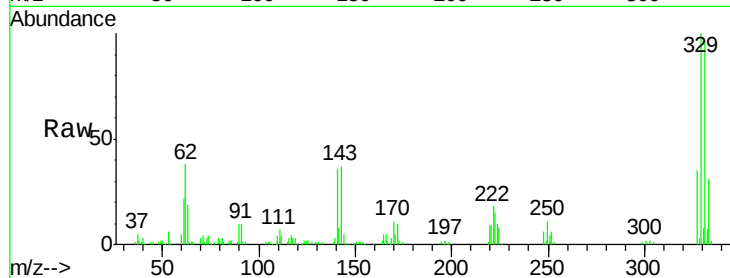




#41
 2,4,6-Tribromophenol
 Concen: 137.47 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022200.D
 Acq: 7 Jun 2016 12:01

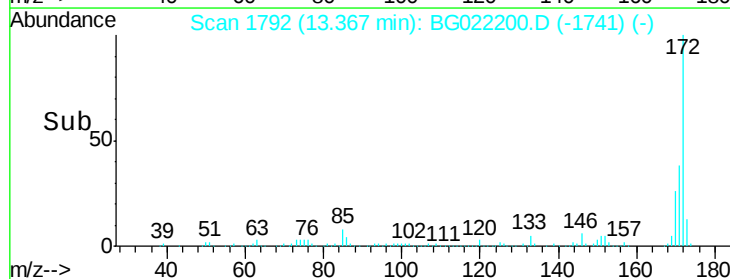
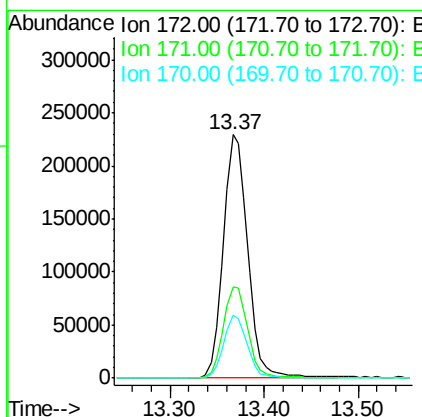
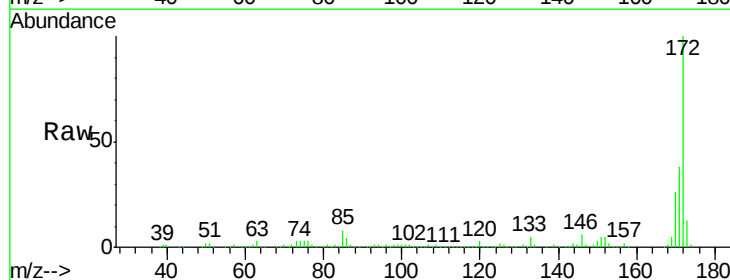
Instrument :
 BNA_G
 ClientSampleId :
 CTM-3(5-7.5)

Tgt Ion:330 Resp: 115313
 Ion Ratio Lower Upper
 330 100
 332 94.2 78.0 117.0
 141 36.4 33.8 50.8



#44
 2-Fluorobiphenyl
 Concen: 85.52 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022200.D
 Acq: 7 Jun 2016 12:01

Tgt Ion:172 Resp: 416607
 Ion Ratio Lower Upper
 172 100
 171 37.5 27.8 41.6
 170 26.0 19.6 29.4





#49

Dimethylphthalate

Concen: 8.65 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

Instrument :

BNA_G

ClientSampleId :

CTM-3(5-7.5)

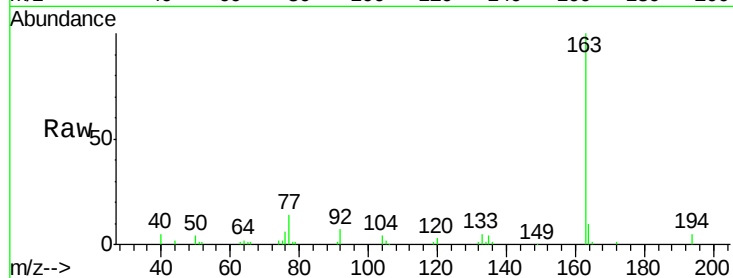
Tgt Ion:163 Resp: 53267

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

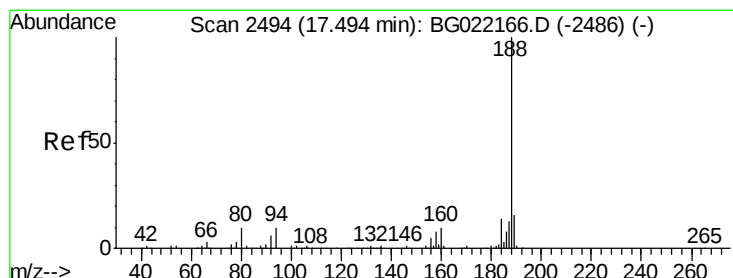
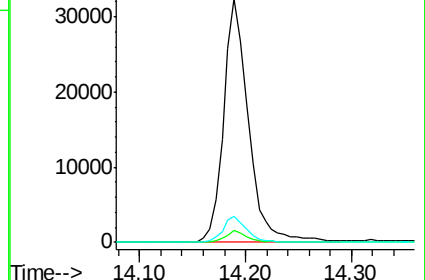
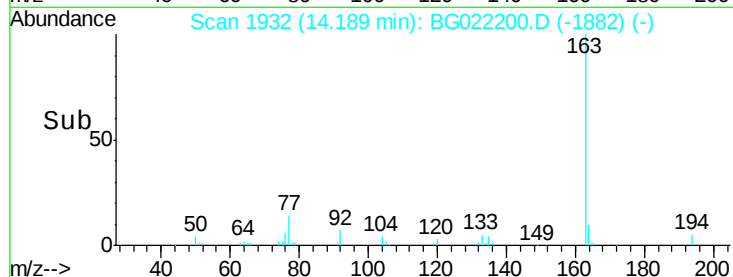
164 10.4 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

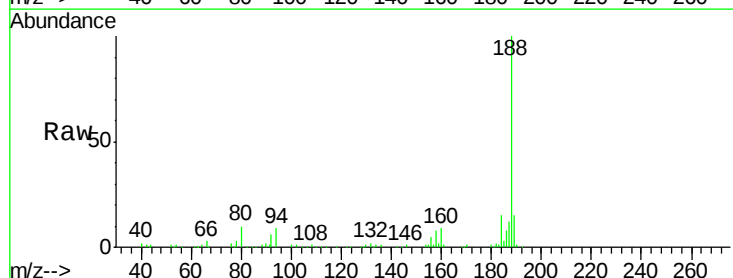
Tgt Ion:188 Resp: 178575

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

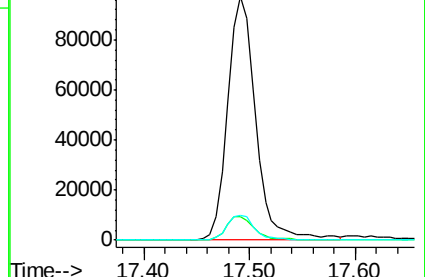
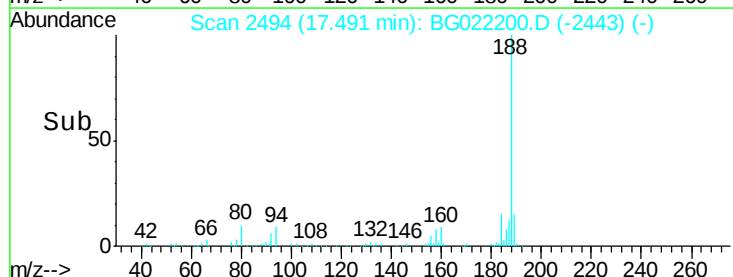
80 10.4 8.6 13.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

Instrument :

BNA_G

ClientSampleId :

CTM-3(5-7.5)

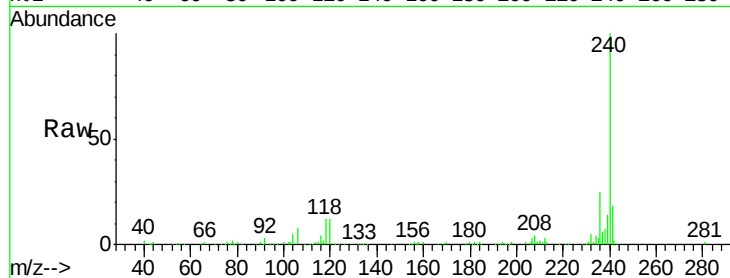
Tgt Ion:240 Resp: 178264

Ion Ratio Lower Upper

240 100

120 12.1 8.4 12.6

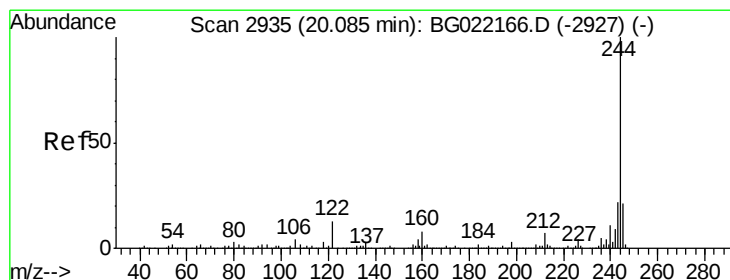
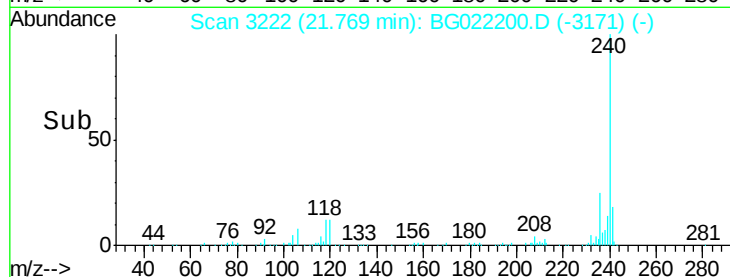
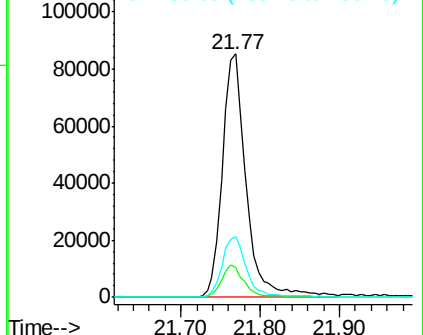
236 25.0 19.6 29.4



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



#78

Terphenyl-d14

Concen: 88.87 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022200.D

Acq: 7 Jun 2016 12:01

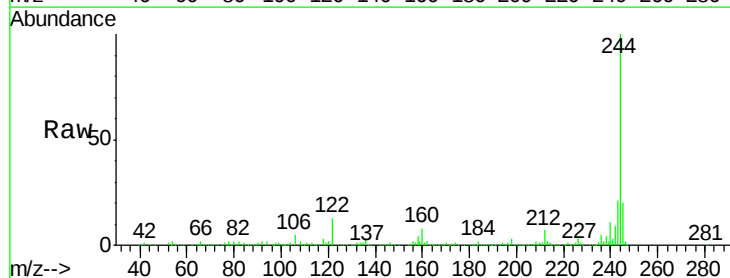
Tgt Ion:244 Resp: 667318

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

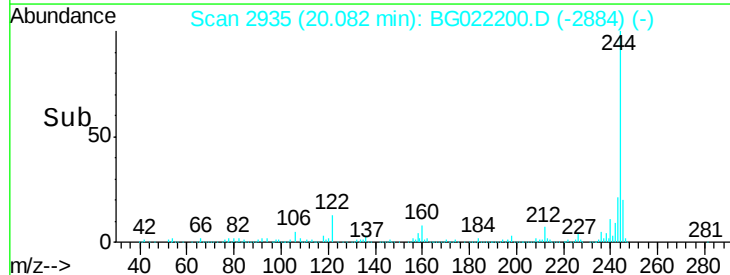
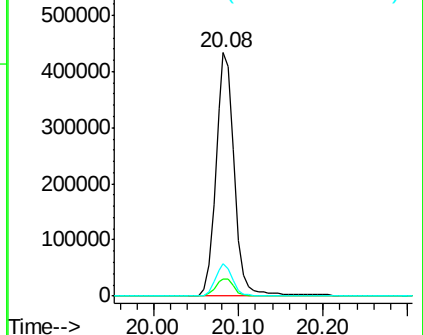
122 13.5 8.6 12.8#

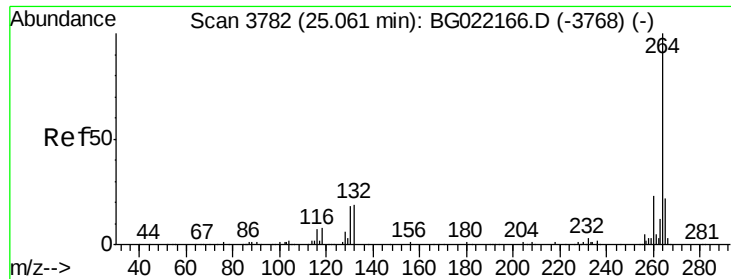


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

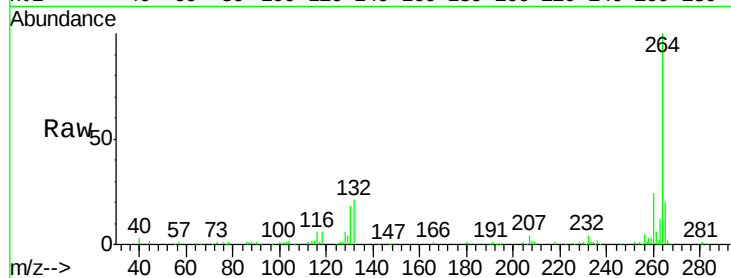




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022200.D
Acq: 7 Jun 2016 12:01

Instrument :
BNA_G
ClientSampleId :
CTM-3(5-7.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.2	30.4
265	20.2	17.8	26.8



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

