

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
 Data File : BG022273.D
 Acq On : 9 Jun 2016 18:27
 Operator : UM/SJ
 Sample : H3424-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CTM-1(5-7.5)

Quant Time: Jun 10 07:39:58 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

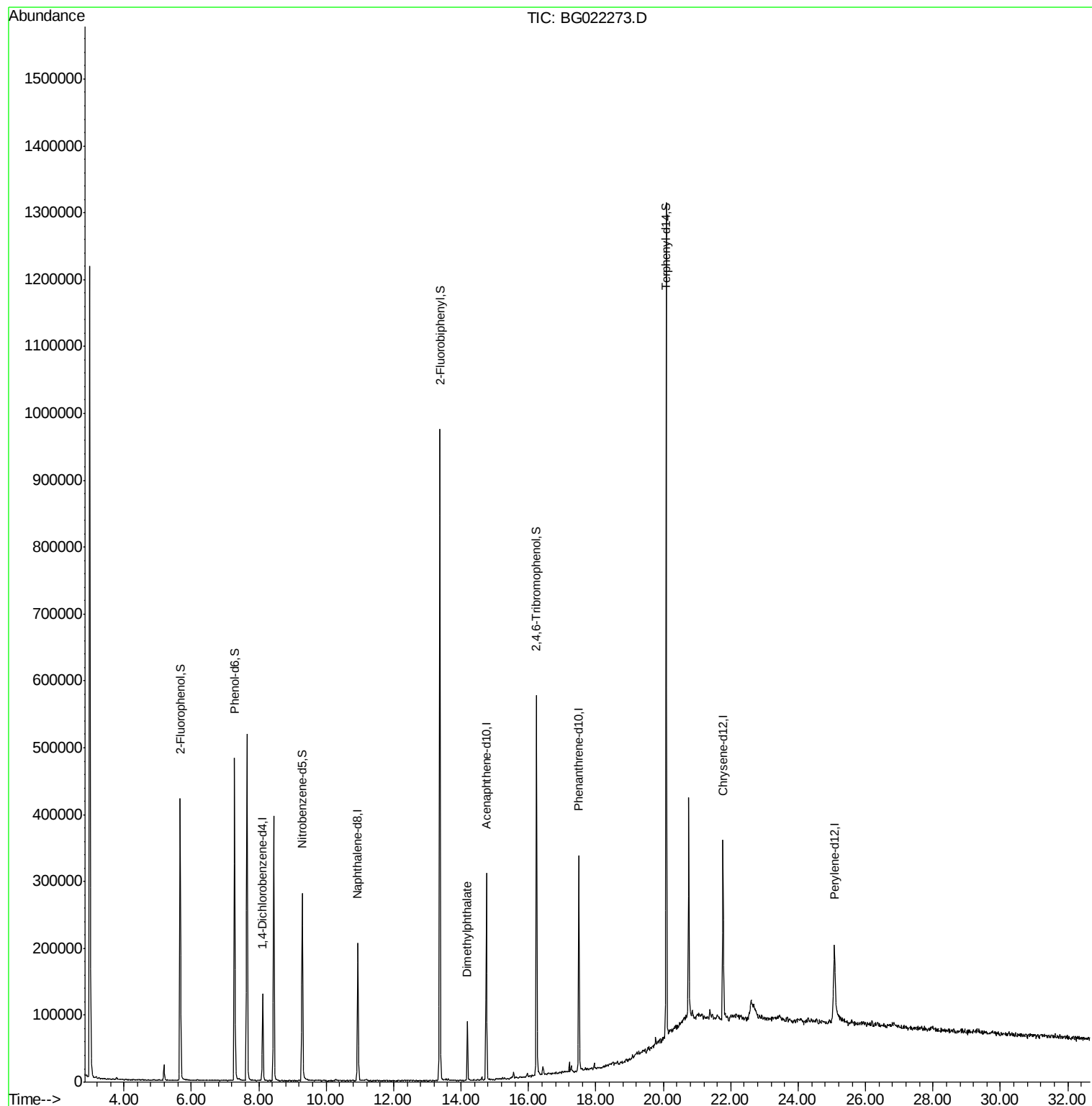
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	46524	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	223438	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	118263	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	222920	20.00	ng	0.00
75) Chrysene-d12	21.77	240	184671	20.00	ng	0.00
86) Perylene-d12	25.07	264	151804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	274507	114.08	ng	0.00
7) Phenol-d6	7.28	99	412493	109.03	ng	0.00
23) Nitrobenzene-d5	9.29	82	226516	70.68	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	128215	95.95	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	586745	75.61	ng	0.00
78) Terphenyl-d14	20.09	244	552931	71.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.19	163	73639	7.51	ng	Qvalue 99

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

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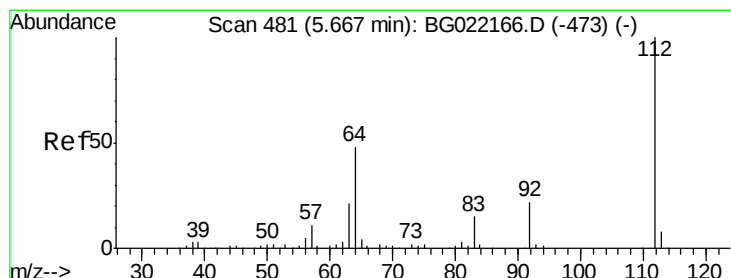
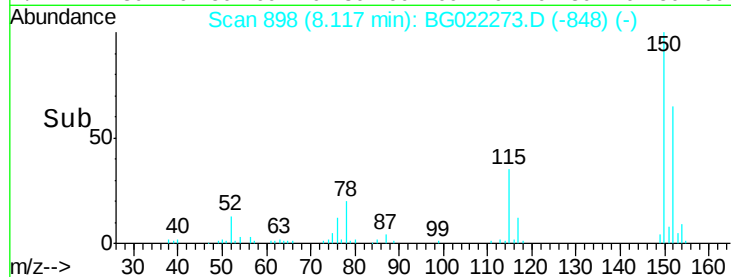
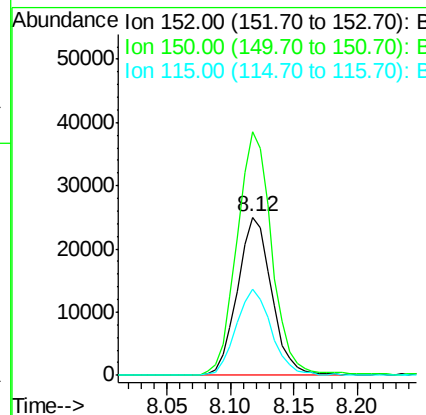
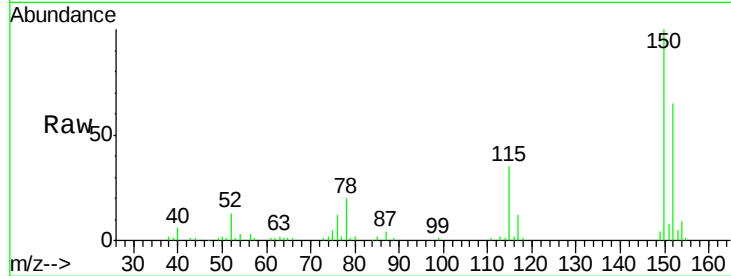


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG022273.D
Acq: 9 Jun 2016 18:27

Instrument :
BNA_G
ClientSampleId :
CTM-1(5-7.5)

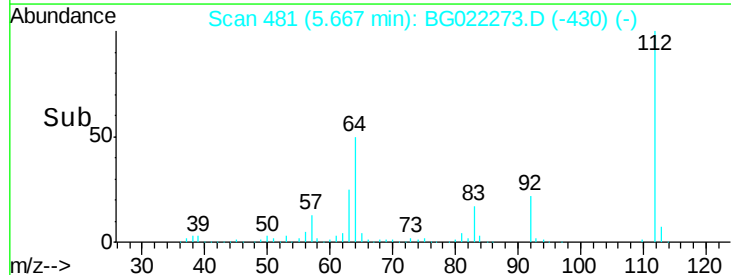
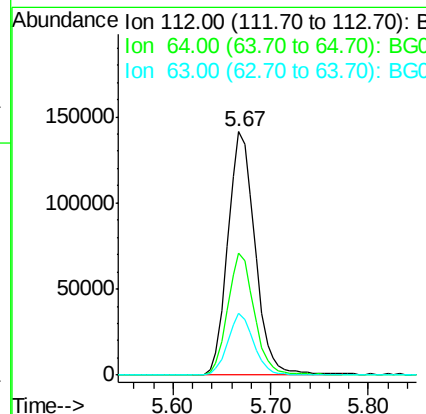
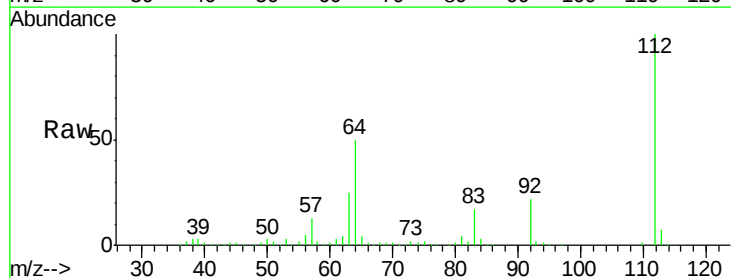
Tgt Ion:152 Resp: 46524
Ion Ratio Lower Upper
152 100
150 154.1 130.1 195.1
115 54.6 62.2 93.2#

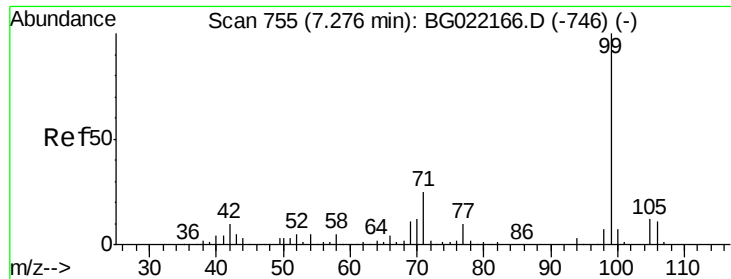


#5

2-Fluorophenol
Concen: 114.08 ng
RT: 5.67 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG022273.D
Acq: 9 Jun 2016 18:27

Tgt Ion:112 Resp: 274507
Ion Ratio Lower Upper
112 100
64 50.1 51.1 76.7#
63 25.4 24.6 37.0





#7

Phenol-d6

Concen: 109.03 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG022273.D

Acq: 9 Jun 2016 18:27

Instrument :

BNA_G

ClientSampleId :

CTM-1(5-7.5)

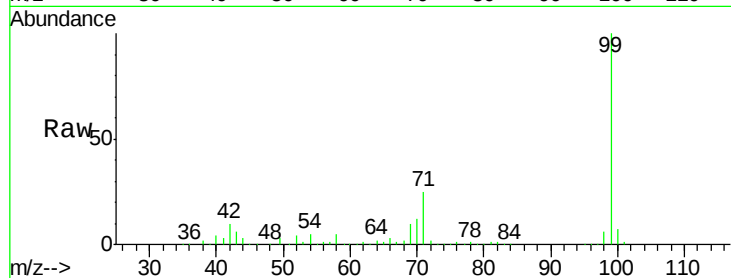
Tgt Ion: 99 Resp: 412493

Ion Ratio Lower Upper

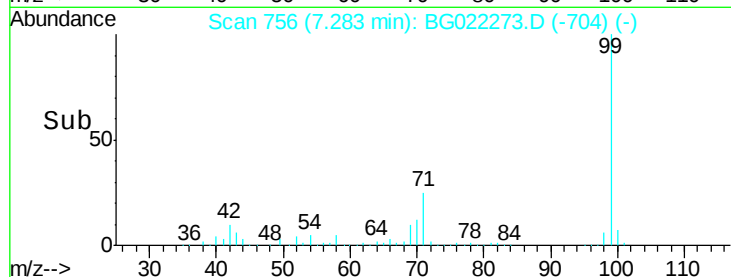
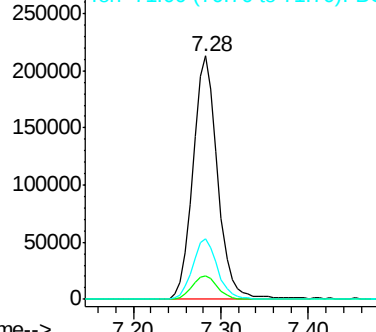
99 100

42 9.8 16.4 24.6#

71 25.1 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# 1378

Delta R.T. 0.00 min

Lab File: BG022273.D

Acq: 9 Jun 2016 18:27

Tgt Ion: 136 Resp: 223438

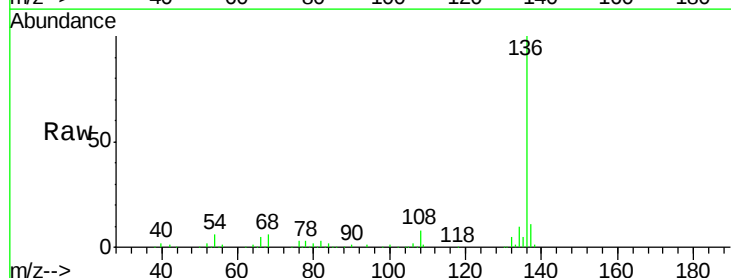
Ion Ratio Lower Upper

136 100

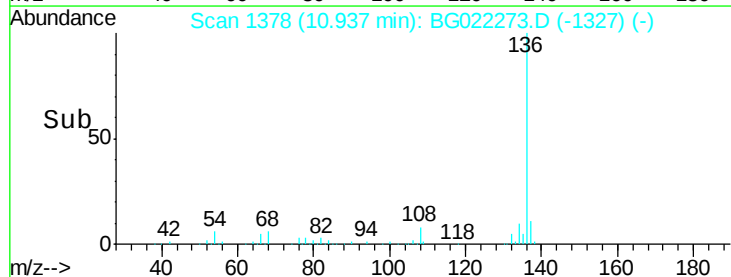
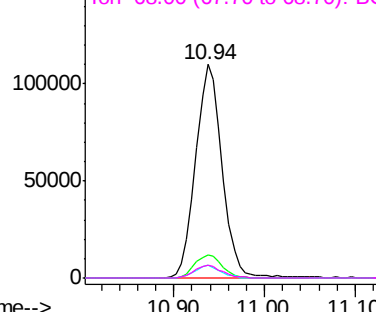
137 11.0 9.0 13.4

54 6.0 9.6 14.4#

68 6.2 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

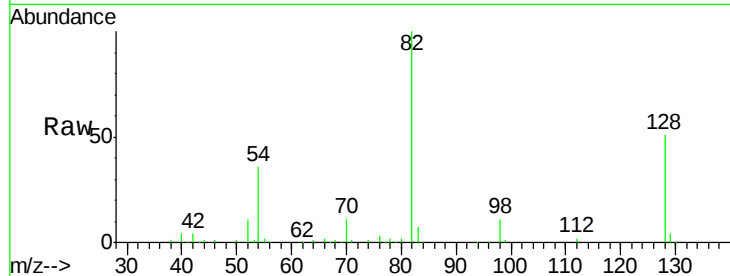




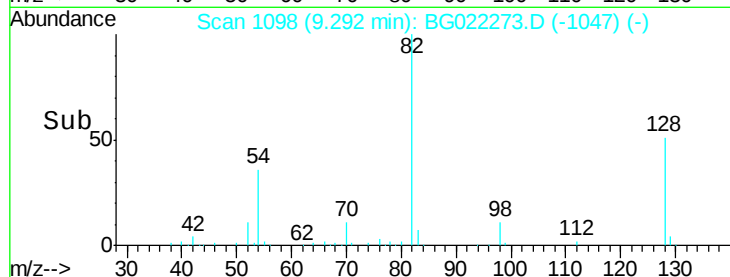
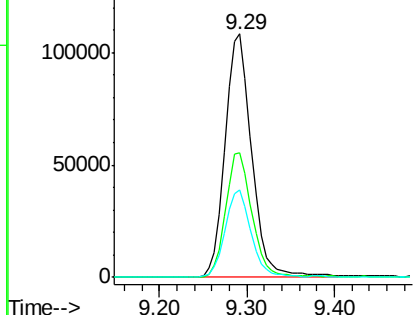
#23
 Nitrobenzene-d5
 Concen: 70.68 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BG022273.D
 Acq: 9 Jun 2016 18:27

Instrument :
 BNA_G
 ClientSampleId :
 CTM-1(5-7.5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.2	33.4	50.0#
54	35.8	46.1	69.1#

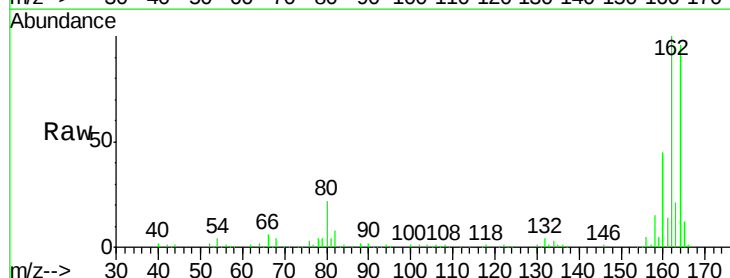


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

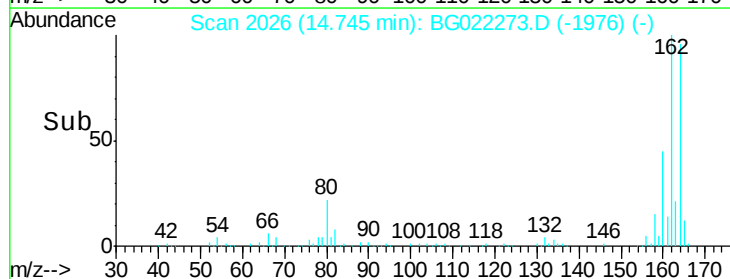
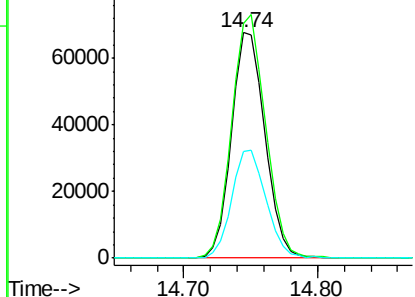


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022273.D
 Acq: 9 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.0	117.0
160	47.3	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

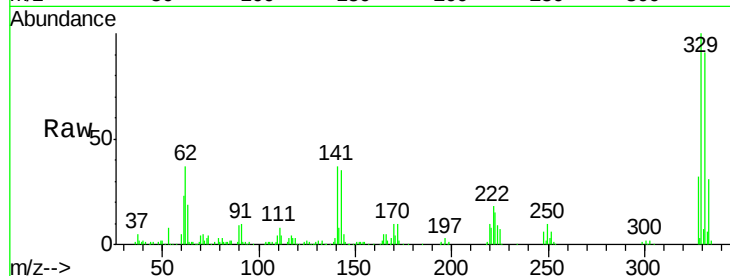




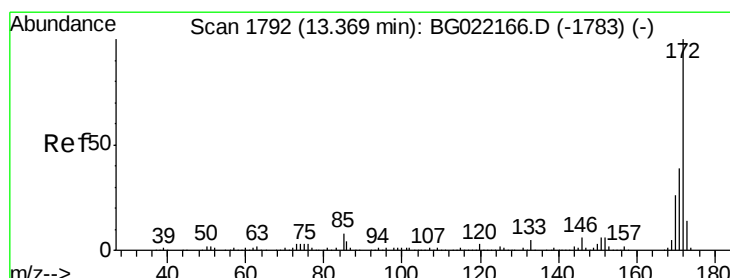
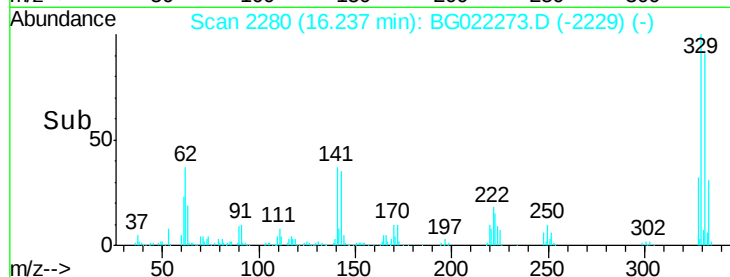
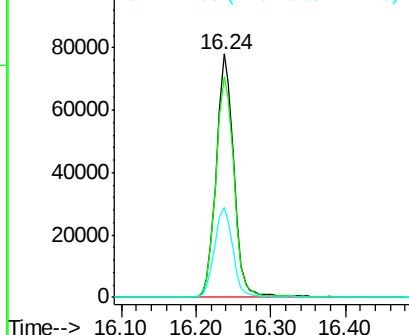
#41
 2,4,6-Tribromophenol
 Concen: 95.95 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022273.D
 Acq: 9 Jun 2016 18:27

Instrument :
 BNA_G
 ClientSampleId :
 CTM-1(5-7.5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	128215		
332	93.8	78.0	117.0	
141	37.9	33.8	50.8	

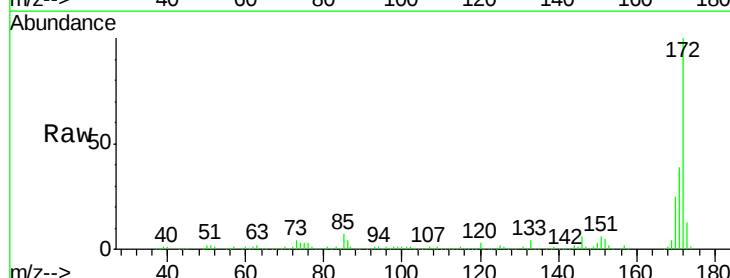


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

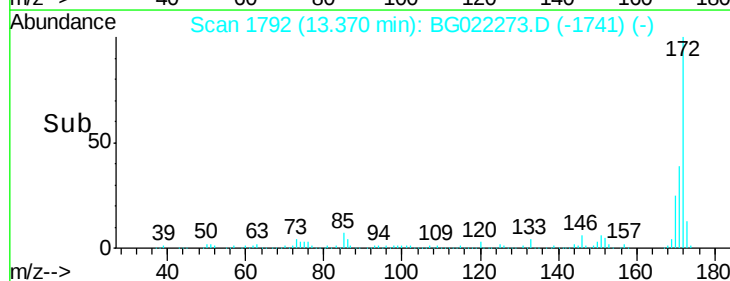
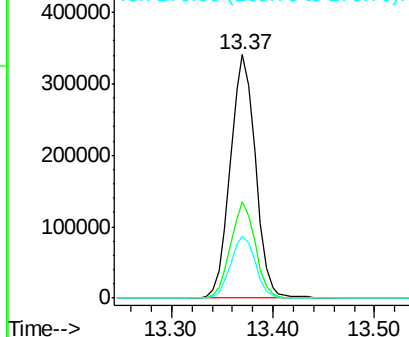


#44
 2-Fluorobiphenyl
 Concen: 75.61 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022273.D
 Acq: 9 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	586745		
171	39.3	27.8	41.6	
170	25.4	19.6	29.4	



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

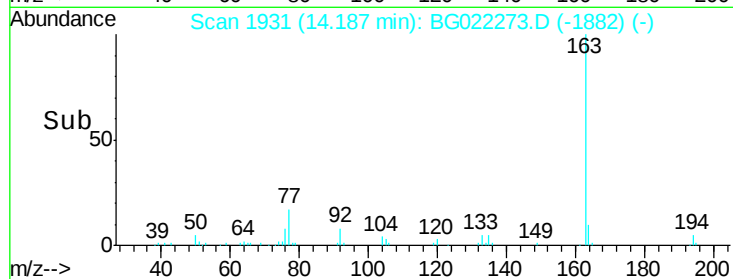
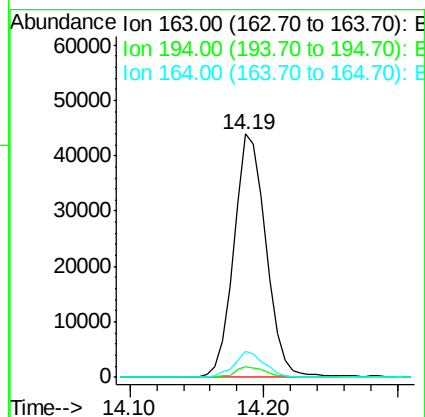
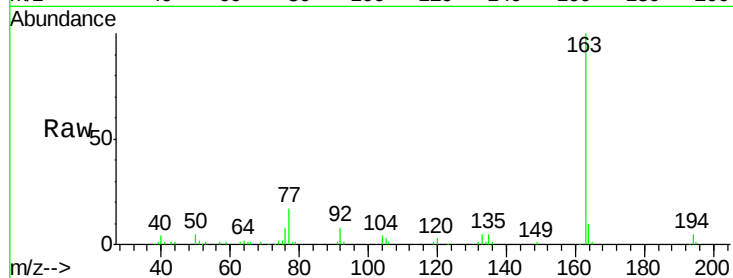




#49
Dimethylphthalate
Concen: 7.51 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022273.D
Acq: 9 Jun 2016 18:27

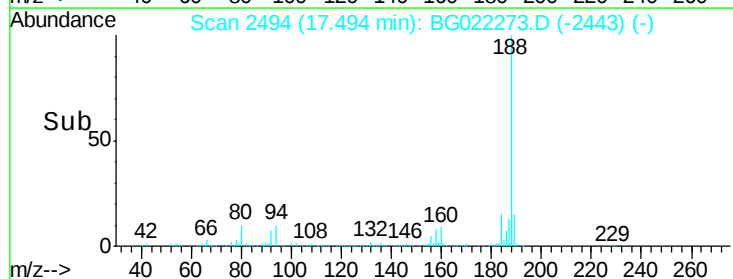
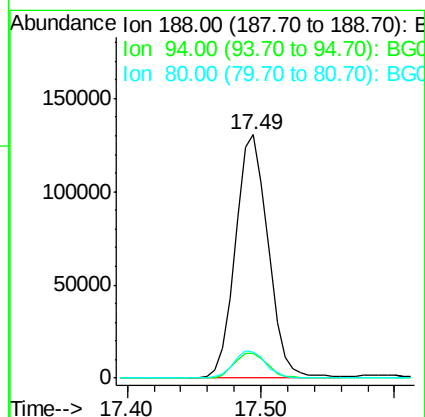
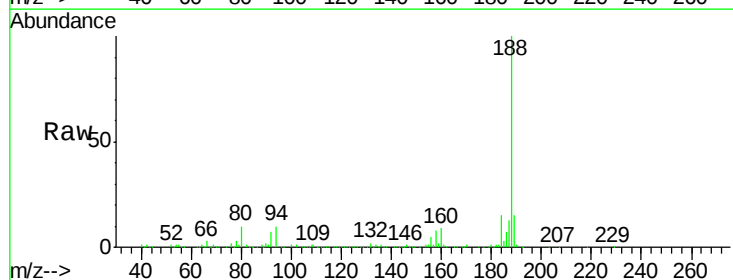
Instrument :
BNA_G
ClientSampleId :
CTM-1(5-7.5)

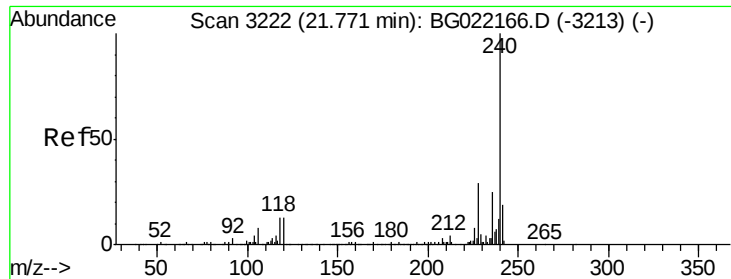
Tgt Ion:163 Resp: 73639
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.5 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022273.D
Acq: 9 Jun 2016 18:27

Tgt Ion:188 Resp: 222920
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.5 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BG022273.D

Acq: 9 Jun 2016 18:27

Instrument :

BNA_G

ClientSampleId :

CTM-1(5-7.5)

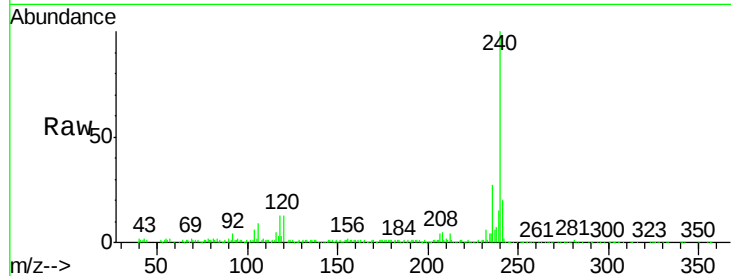
Tgt Ion:240 Resp: 184671

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

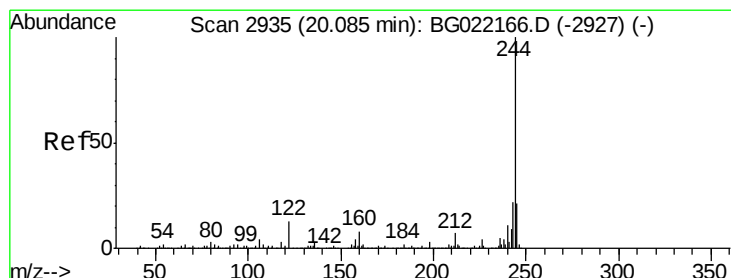
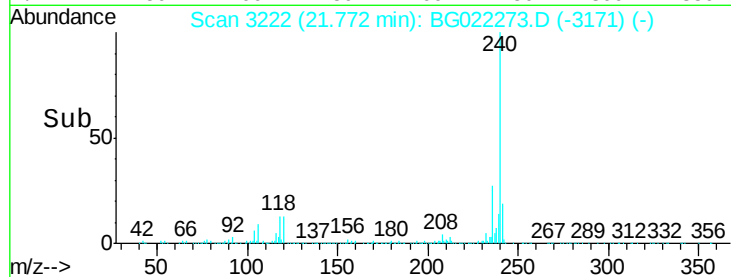
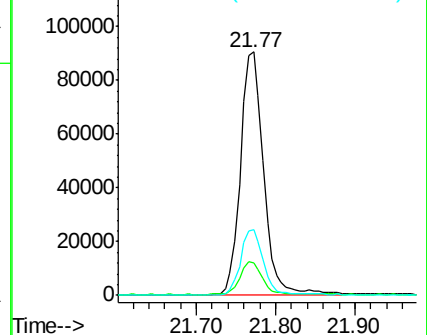
236 26.9 19.6 29.4



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: 71.08 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022273.D

Acq: 9 Jun 2016 18:27

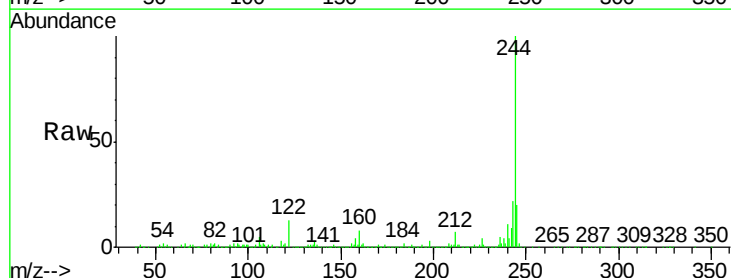
Tgt Ion:244 Resp: 552931

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

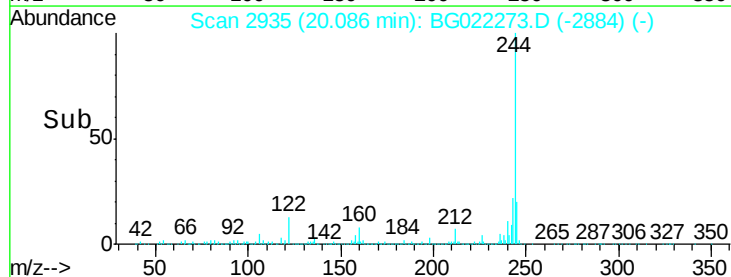
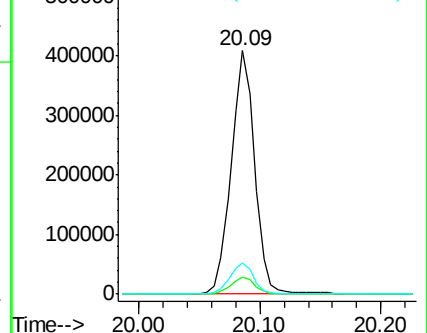
122 13.0 8.6 12.8#

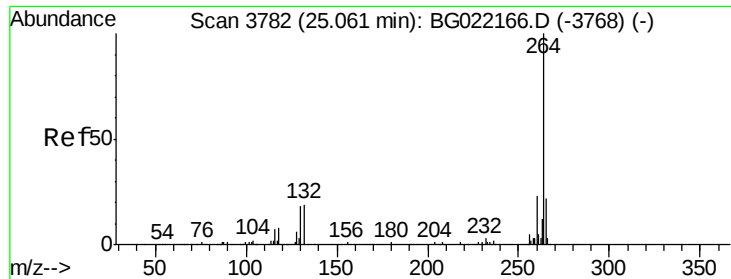


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3783
Delta R.T. 0.01 min
Lab File: BG022273.D
Acq: 9 Jun 2016 18:27

Instrument :
BNA_G
ClientSampleId :
CTM-1(5-7.5)

Tgt Ion: 264 Resp: 151804
Ion Ratio Lower Upper
264 100
260 23.7 20.2 30.4
265 22.4 17.8 26.8

