

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023073.D
 Acq On : 13 Jul 2016 17:10
 Operator : UM/SJ
 Sample : H3853-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

Quant Time: Jul 14 04:20:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	176579	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	792296	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	569998	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1076100	20.00	ng	0.01
75) Chrysene-d12	21.88	240	1144773	20.00	ng	0.03
86) Perylene-d12	25.27	264	1152796	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	622124	57.62	ng	0.00
7) Phenol-d6	7.32	99	644041	38.09	ng	0.01
23) Nitrobenzene-d5	9.33	82	1548126	83.67	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	1006267	98.23	ng	0.02
44) 2-Fluorobiphenyl	13.42	172	2674335	73.90	ng	0.00
78) Terphenyl-d14	20.17	244	3073254	85.24	ng	0.02

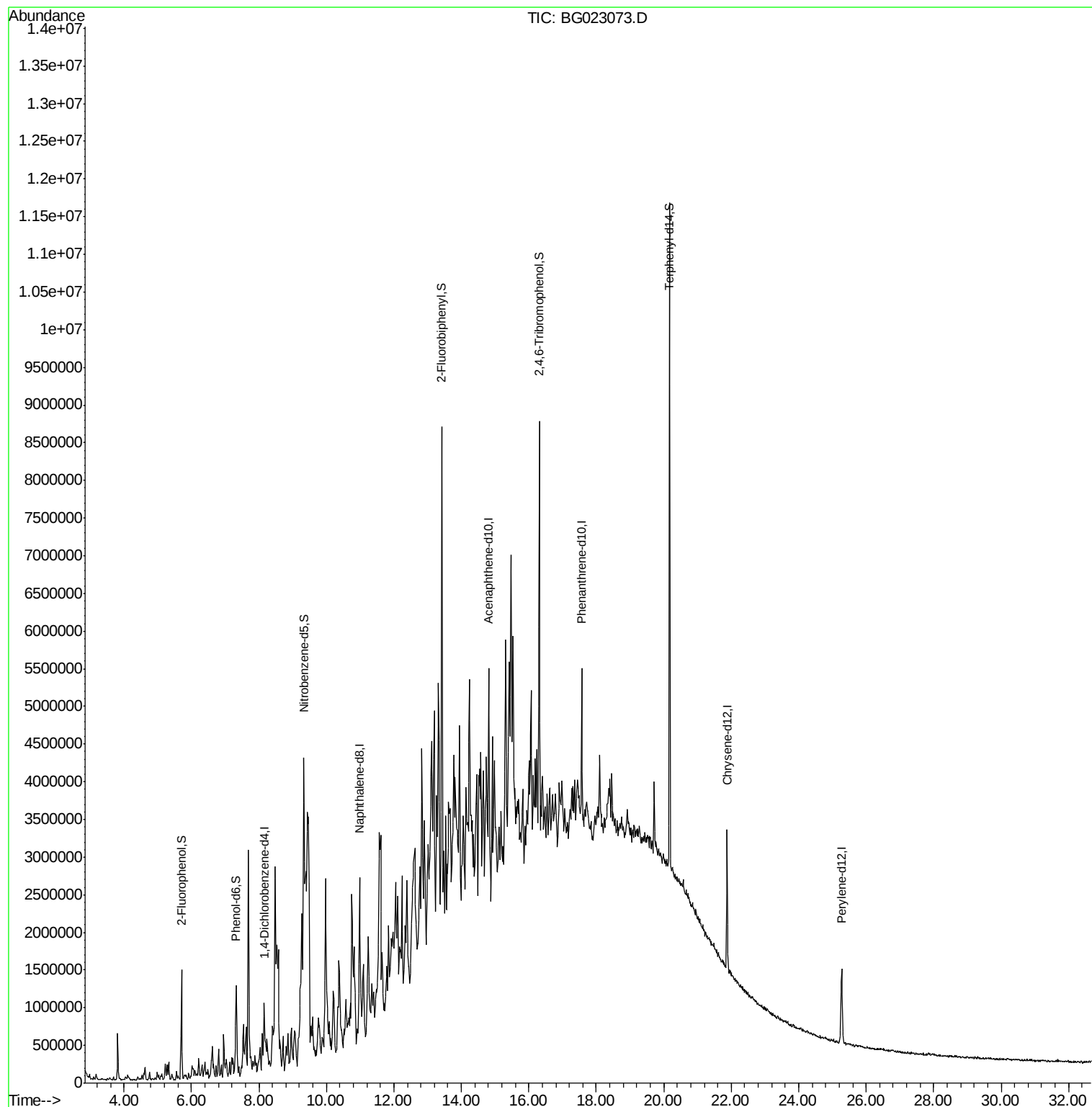
Target Compounds Qvalue

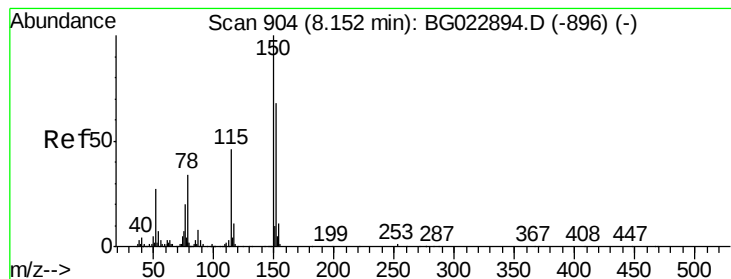
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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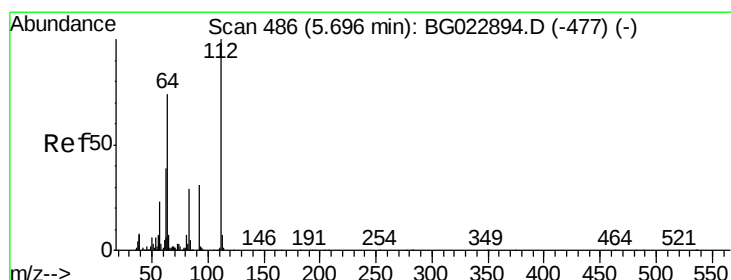
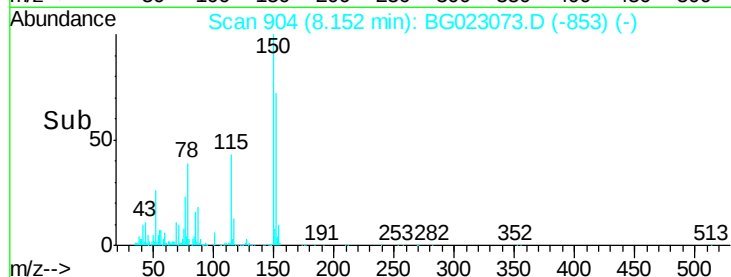
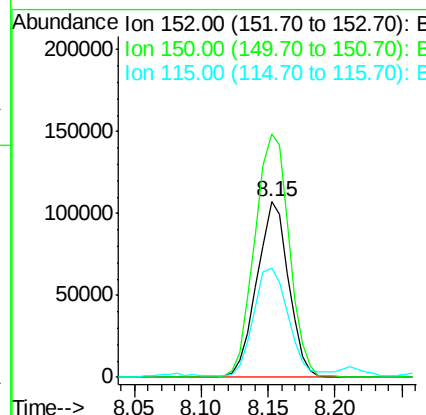
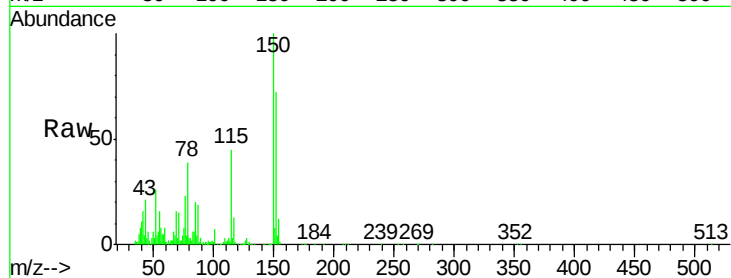




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.15 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BG023073.D
 Acq: 13 Jul 2016 17:10

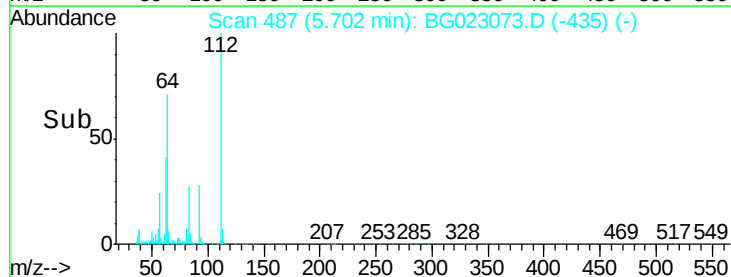
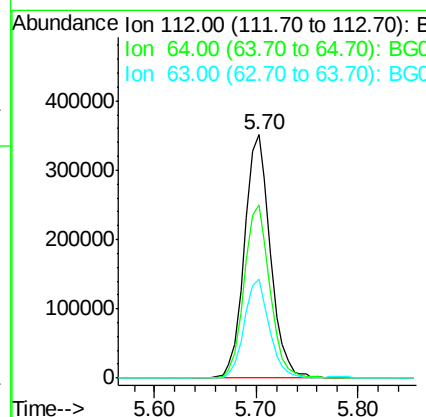
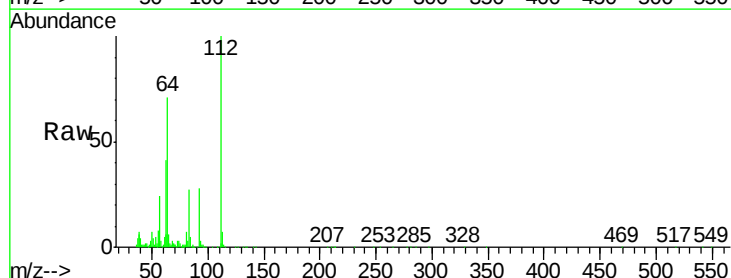
Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

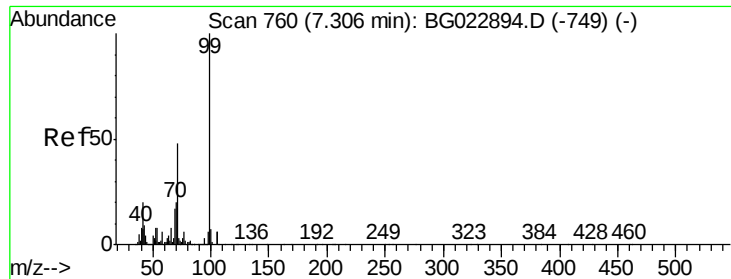
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.6	144.7	217.1#
115	62.5	64.0	96.0#



#5
 2-Fluorophenol
 Concen: 57.62 ng
 RT: 5.70 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BG023073.D
 Acq: 13 Jul 2016 17:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	59.0	88.4
63	40.6	37.8	56.8





#7

Phenol-d6

Concen: 38.09 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023073.D

Acq: 13 Jul 2016 17:10

Instrument :

BNA_G

ClientSampleId :

S8-0577

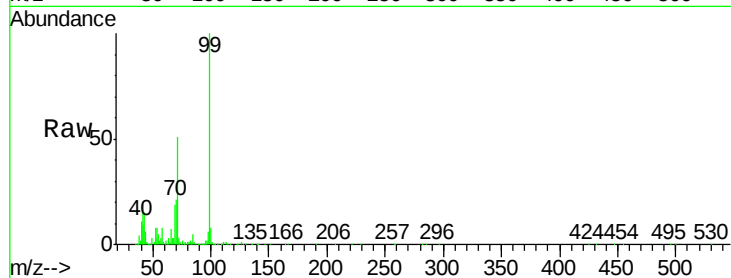
Tot Ion: 99 Resp: 644041

Ion Ratio Lower Upper

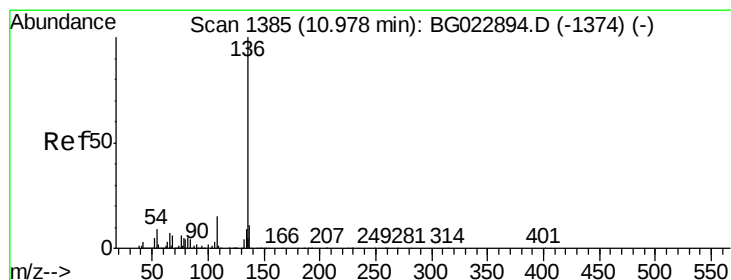
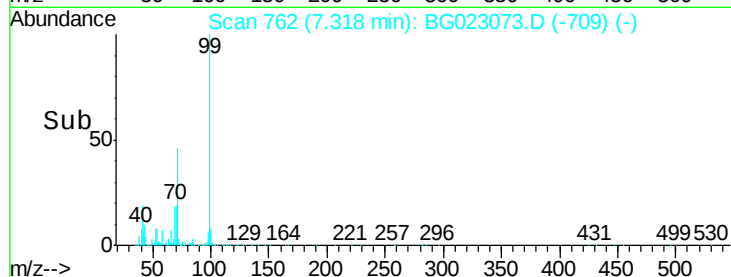
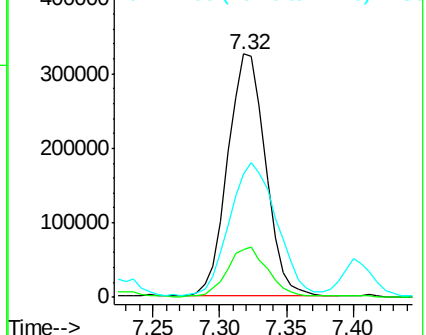
99 100

42 19.8 17.8 26.6

71 50.8 41.5 62.3



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: 10.98 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BG023073.D

Acq: 13 Jul 2016 17:10

Tgt Ion: 136 Resp: 792296

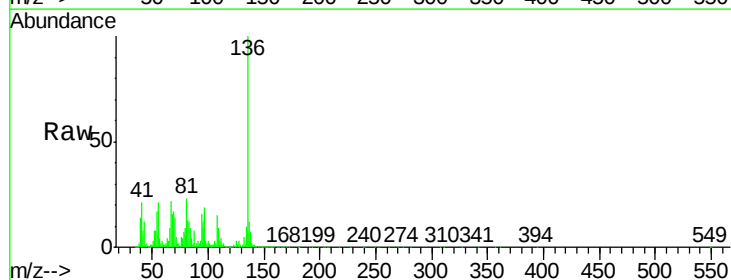
Ion Ratio Lower Upper

136 100

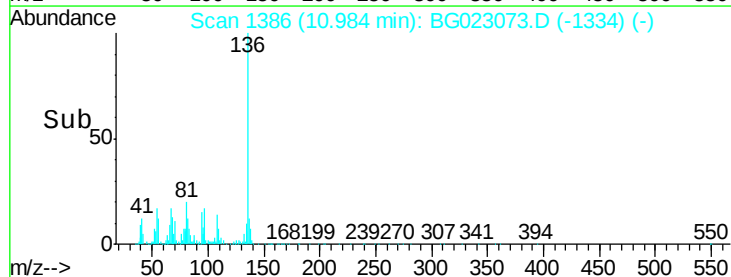
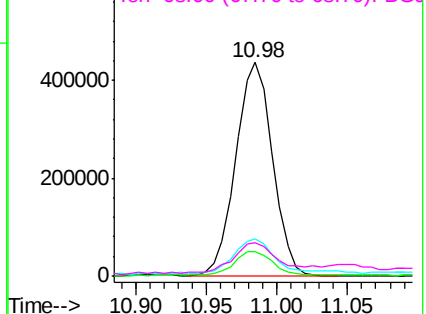
137 11.7 9.6 14.4

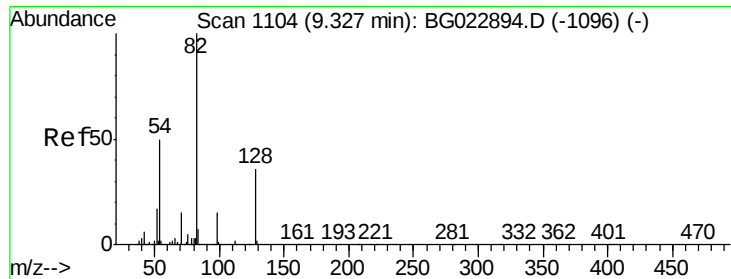
54 17.4 7.3 10.9#

68 15.7 5.3 7.9#



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

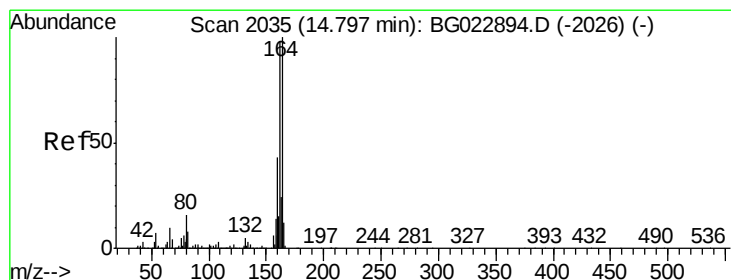
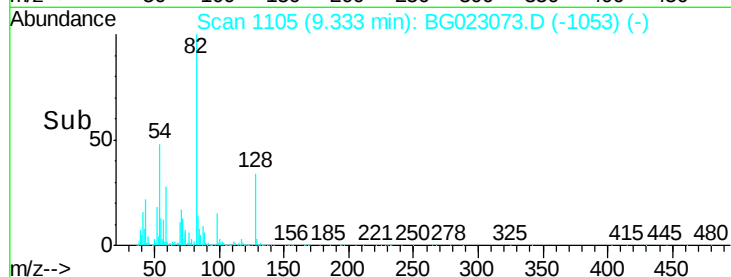
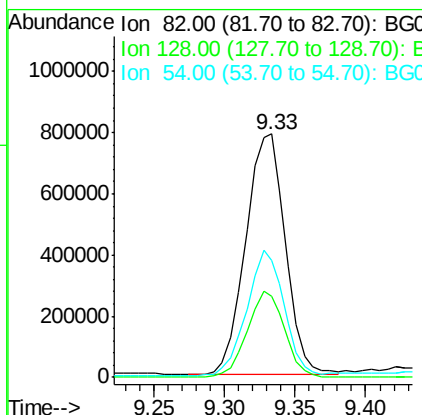
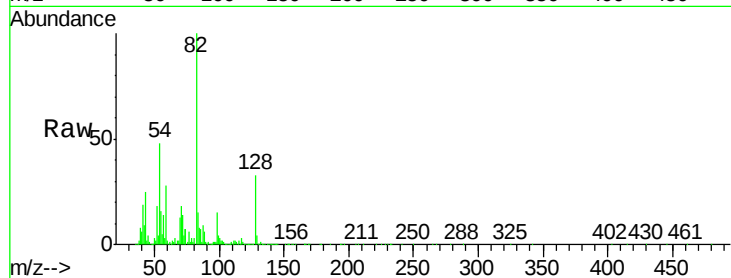




#23
 Nitrobenzene-d5
 Concen: 83.67 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BG023073.D
 Acq: 13 Jul 2016 17:10

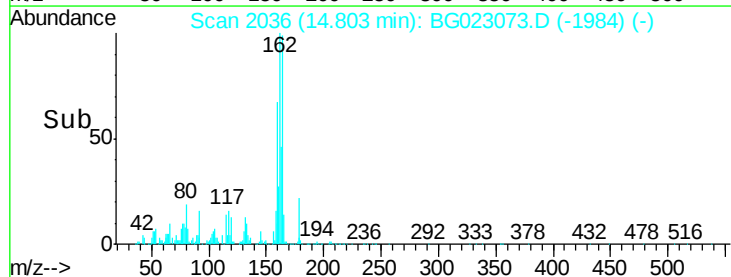
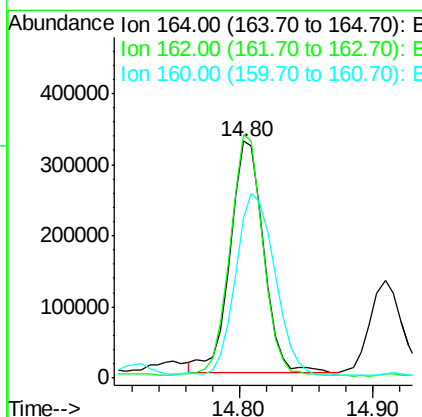
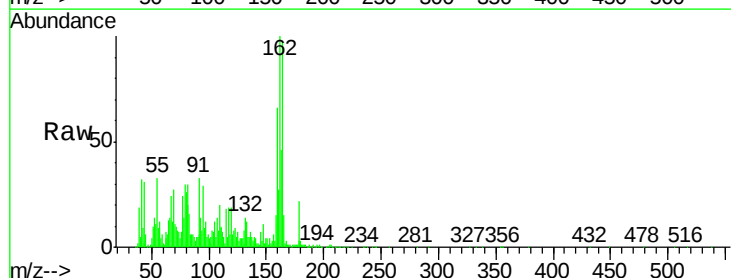
Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

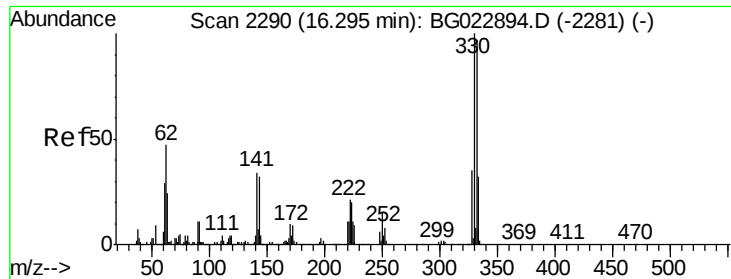
Tot Ion: 82 Resp: 1548126
 Ion Ratio Lower Upper
 82 100
 128 33.4 24.4 36.6
 54 47.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023073.D
 Acq: 13 Jul 2016 17:10

Tgt Ion: 164 Resp: 569998
 Ion Ratio Lower Upper
 164 100
 162 102.7 87.7 131.5
 160 67.9 37.2 55.8#



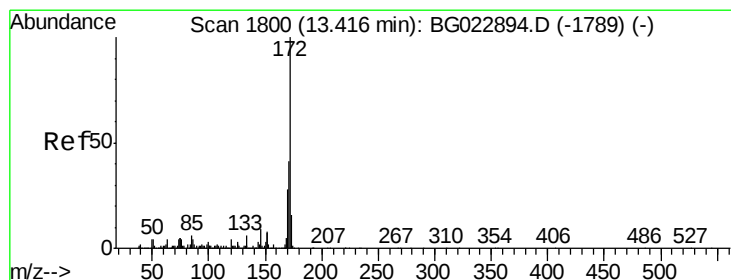
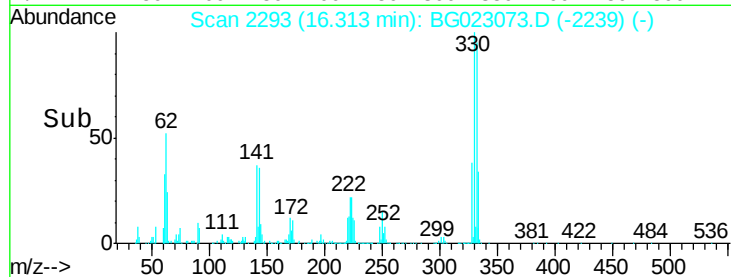
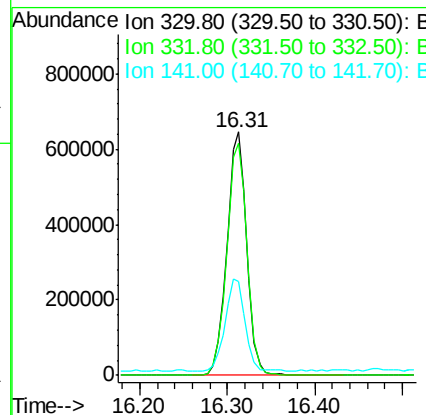
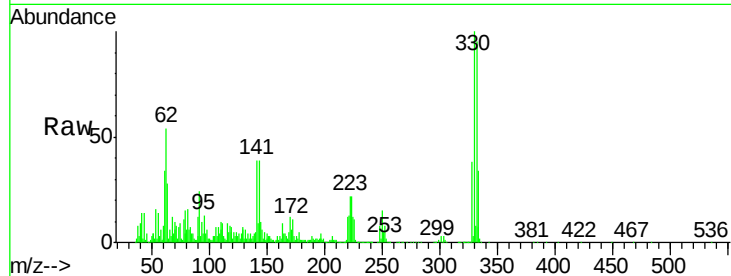


#41
 2,4,6-Tribromophenol
 Concen: 98.23 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.02 min
 Lab File: BG023073.D
 Acq: 13 Jul 2016 17:10

Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

Tot Ion:330 Resp: 1006267

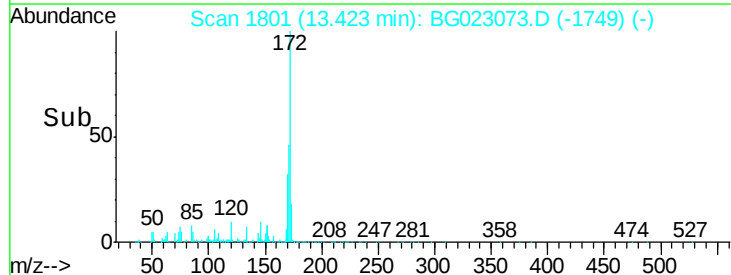
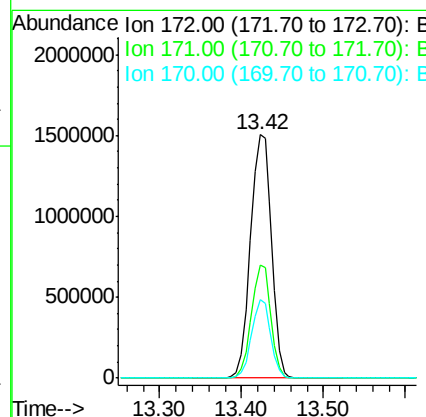
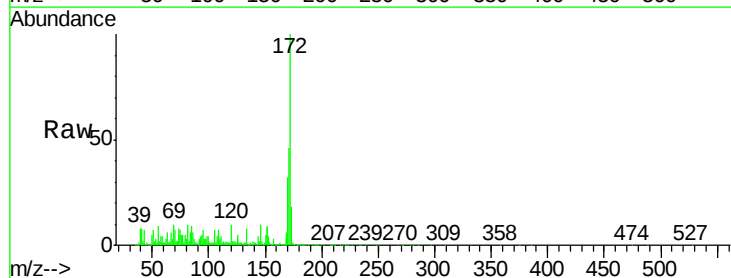
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.7	31.7	47.5

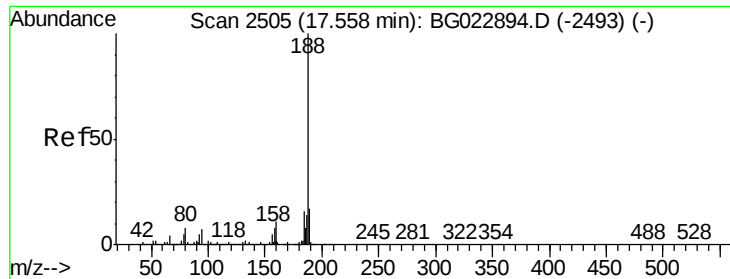


#44
 2-Fluorobiphenyl
 Concen: 73.90 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023073.D
 Acq: 13 Jul 2016 17:10

Tgt Ion:172 Resp: 2674335

Ion	Ratio	Lower	Upper
172	100		
171	46.3	31.6	47.4
170	32.2	21.3	31.9

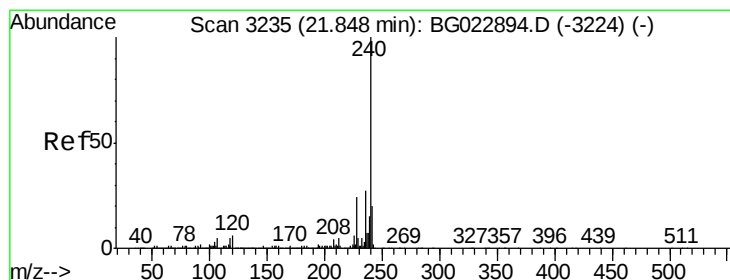
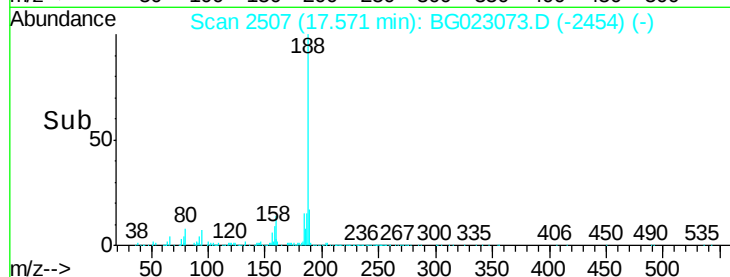
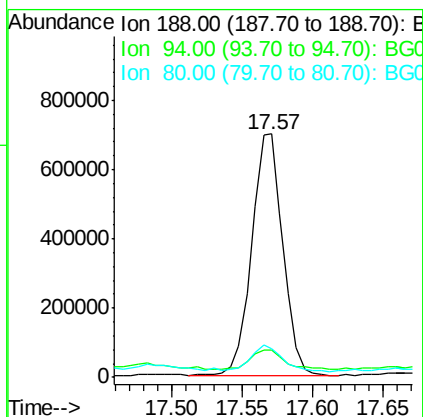
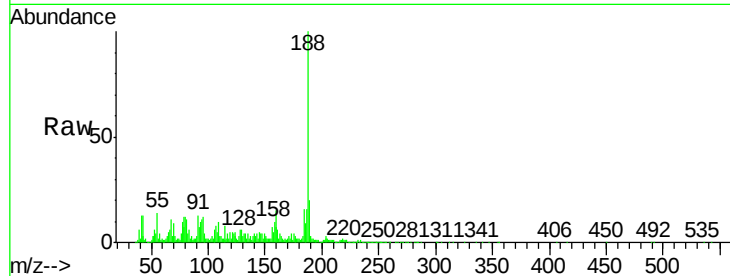




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BG023073.D
Acq: 13 Jul 2016 17:10

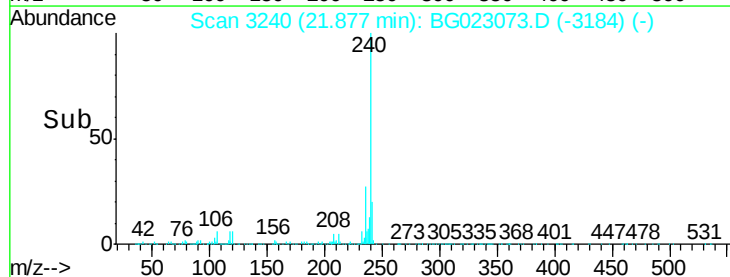
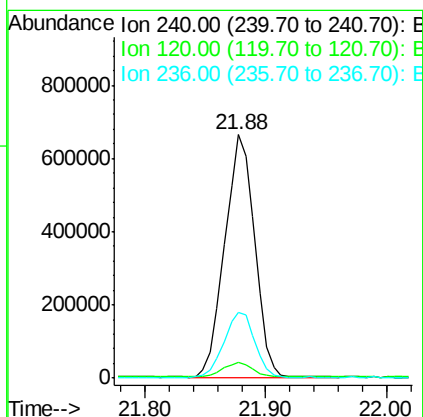
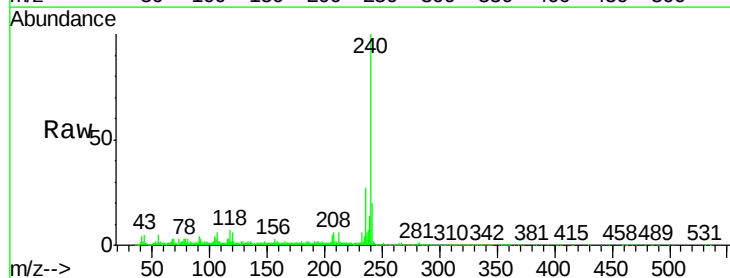
Instrument :
BNA_G
ClientSampleId :
S8-0577

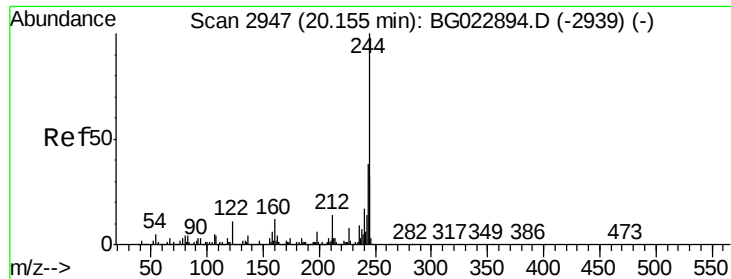
Tot Ion:188 Resp: 1076100
Ion Ratio Lower Upper
188 100
94 11.1 5.2 7.8#
80 11.6 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3240
Delta R.T. 0.03 min
Lab File: BG023073.D
Acq: 13 Jul 2016 17:10

Tgt Ion:240 Resp: 1144773
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 27.1 21.1 31.7





#78

Terphenyl-d14

Concen: 85.24 ng

RT: 20.17 min Scan# 2950

Delta R.T. 0.02 min

Lab File: BG023073.D

Acq: 13 Jul 2016 17:10

Instrument :

BNA_G

ClientSampleId :

S8-0577

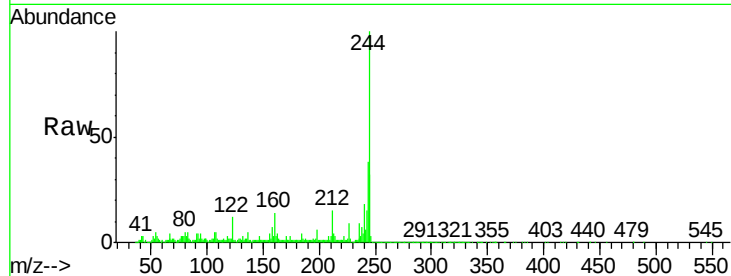
Tot Ion:244 Resp: 3073254

Ion Ratio Lower Upper

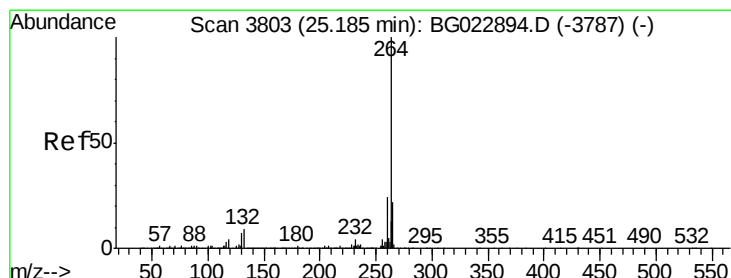
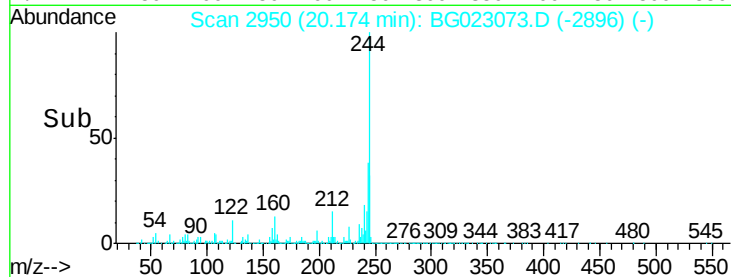
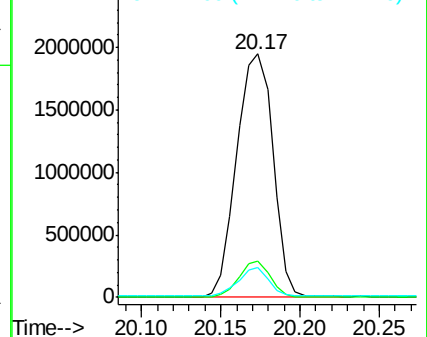
244 100

212 15.1 10.8 16.2

122 12.0 8.0 12.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3818

Delta R.T. 0.09 min

Lab File: BG023073.D

Acq: 13 Jul 2016 17:10

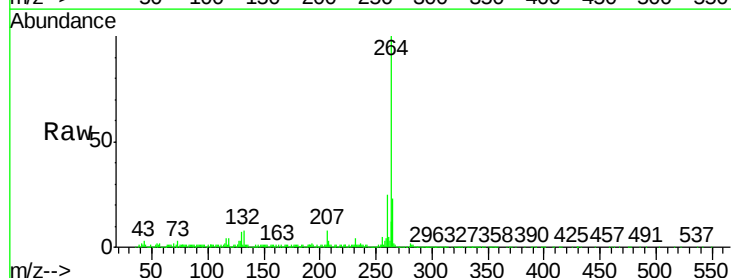
Tgt Ion:264 Resp: 1152796

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 22.8 18.9 28.3



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

