

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023900.D
 Acq On : 25 Aug 2016 19:11
 Operator : UM/SJ
 Sample : H4592-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Quant Time: Aug 26 01:20:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

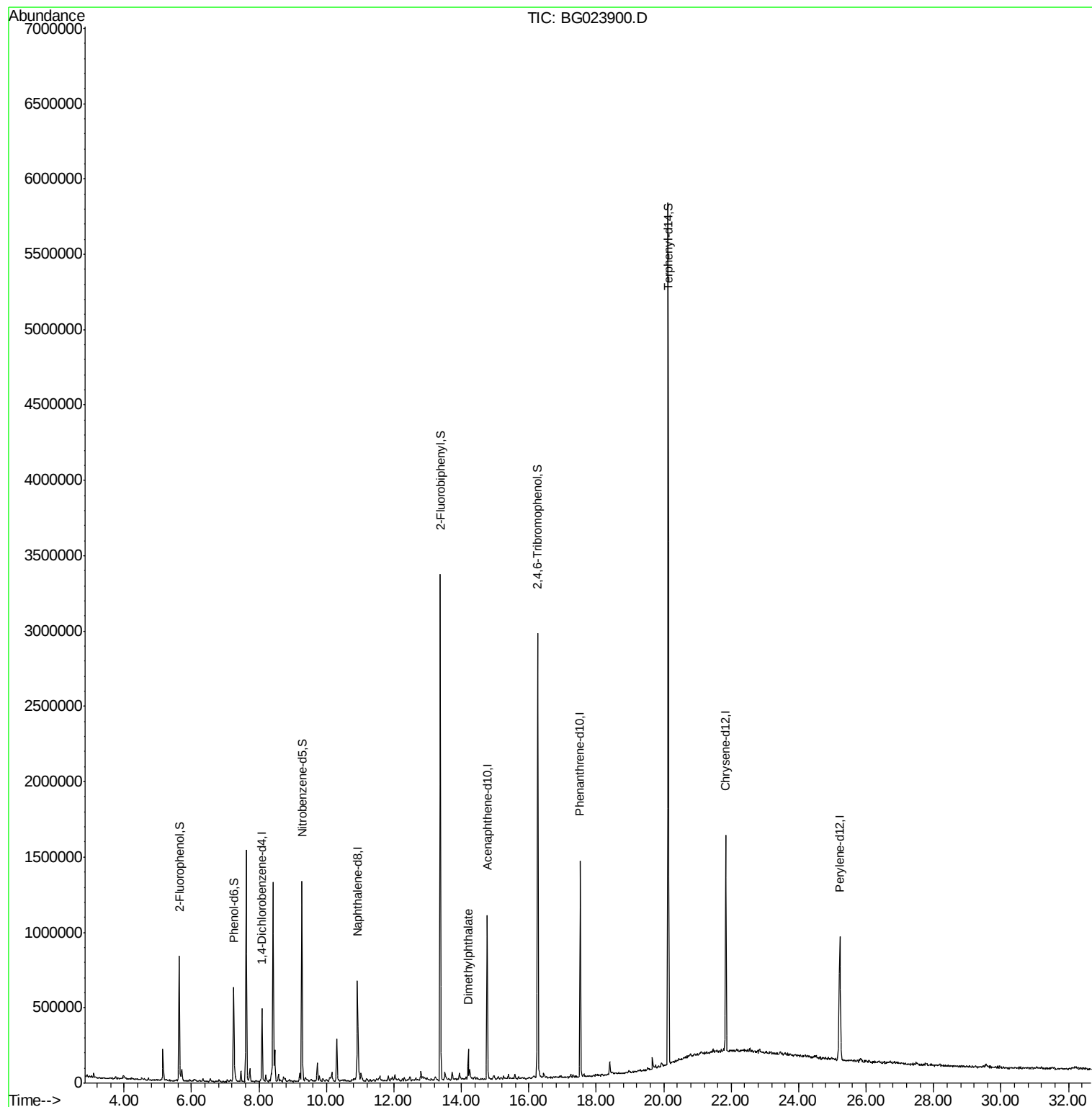
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	125467	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	551730	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	363164	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	837816	20.00	ng	0.00
75) Chrysene-d12	21.84	240	871085	20.00	ng	0.00
86) Perylene-d12	25.22	264	862354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356402	47.82	ng	0.00
7) Phenol-d6	7.25	99	376997	32.47	ng	0.00
23) Nitrobenzene-d5	9.27	82	785440	70.77	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	499717	94.07	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1598964	74.26	ng	0.00
78) Terphenyl-d14	20.13	244	2268236	80.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	130275	4.68	ng	Qvalue 96

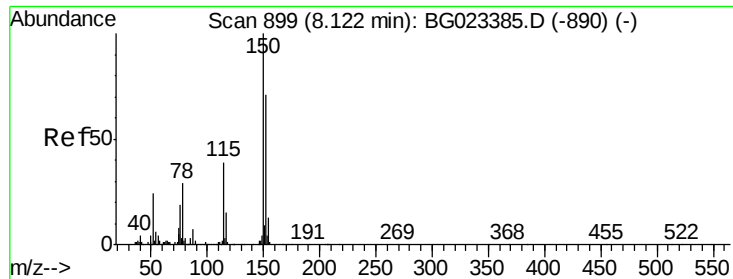
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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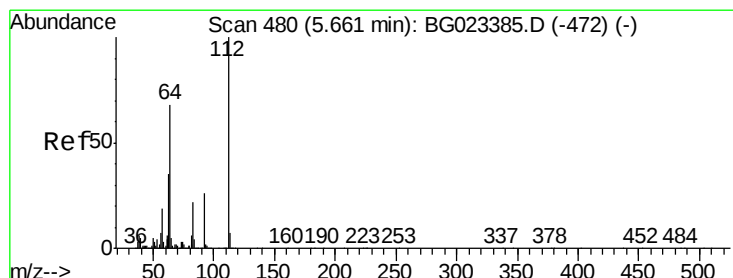
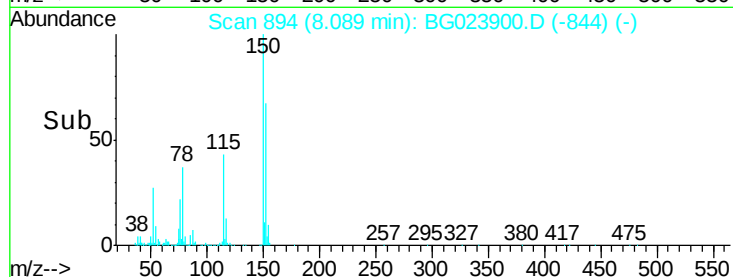
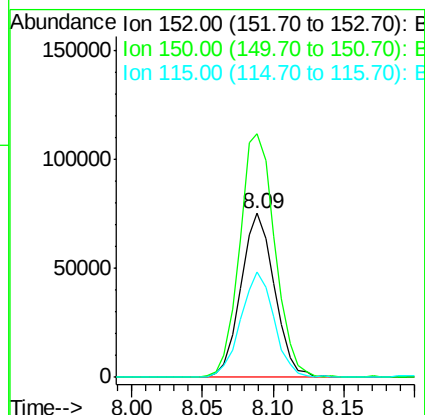
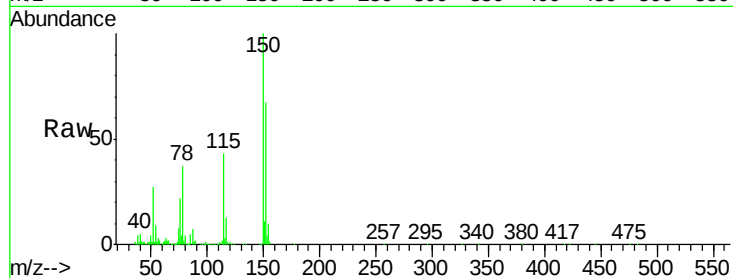


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG023900.D
Acq: 25 Aug 2016 19:11

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

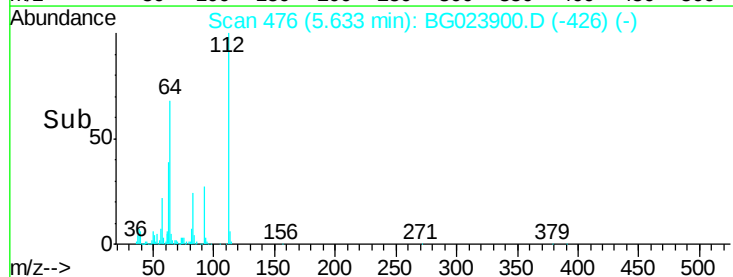
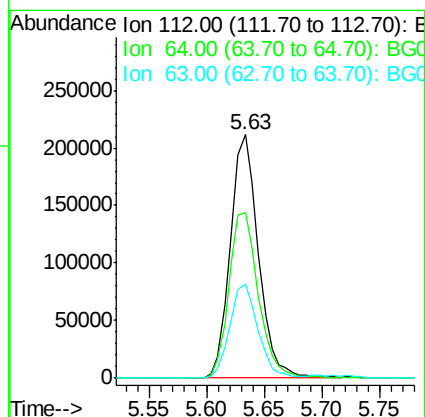
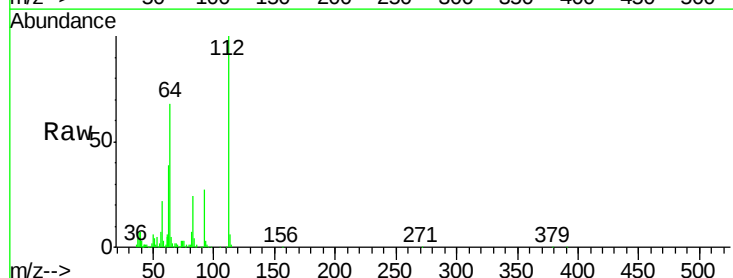
Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.6	144.7	217.1
115	64.0	64.0	96.0

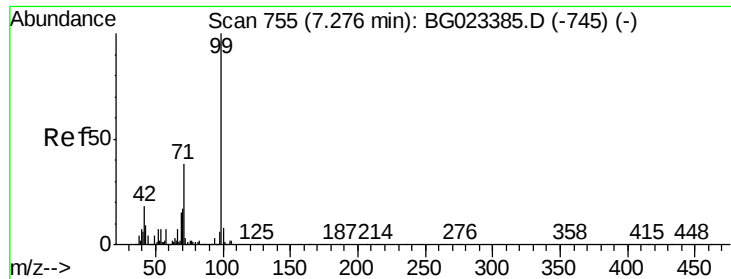


#5

2-Fluorophenol
Concen: 47.82 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.01 min
Lab File: BG023900.D
Acq: 25 Aug 2016 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.2	59.0	88.4
63	38.5	37.8	56.8





#7

Phenol-d6

Concen: 32.47 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG023900.D

Acq: 25 Aug 2016 19:11

Instrument :

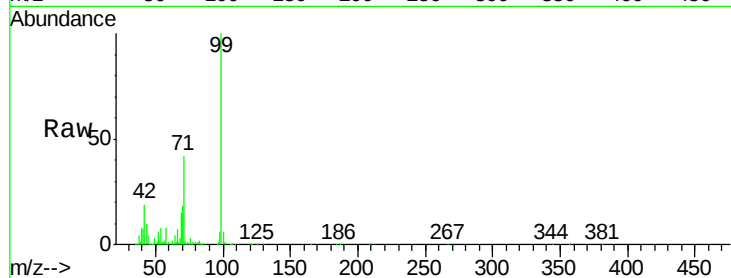
BNA_G

ClientSampled :

DUPLICATE

Tgt Ion: 99 Resp: 376997

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	42.0	41.5	62.3

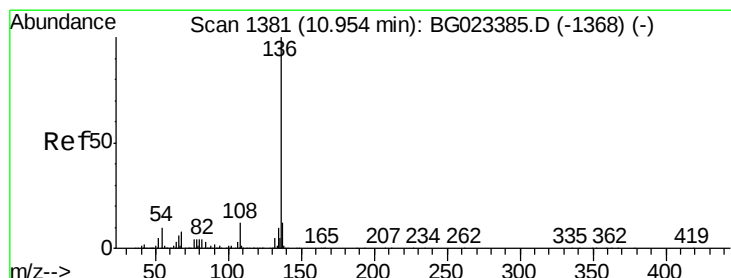
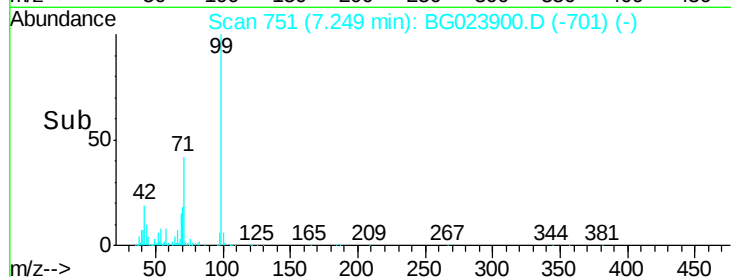
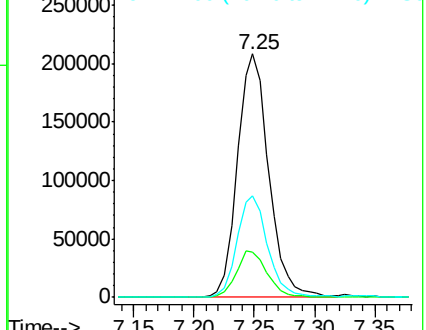


Abundance

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: 10.92 min Scan# 1376

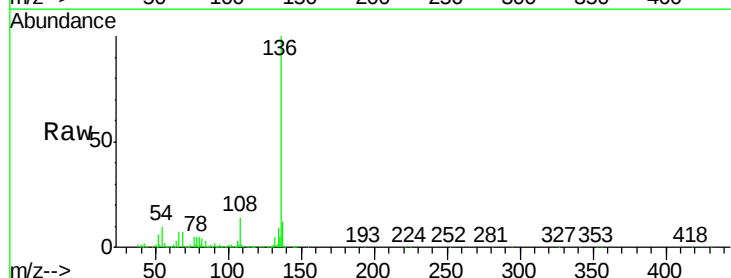
Delta R.T. -0.01 min

Lab File: BG023900.D

Acq: 25 Aug 2016 19:11

Tgt Ion: 136 Resp: 551730

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.7	7.3	10.9
68	7.0	5.3	7.9



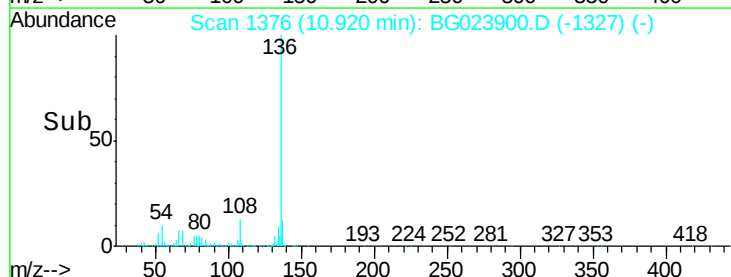
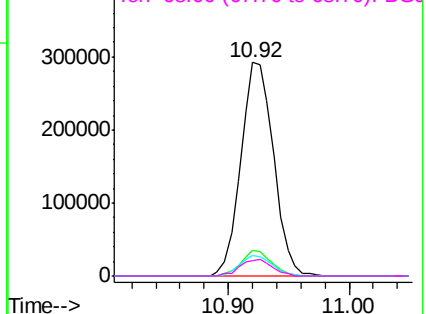
Abundance

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

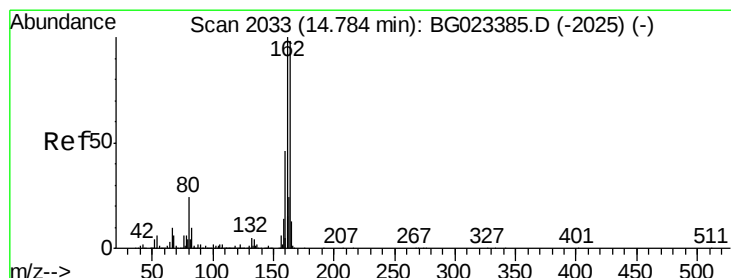
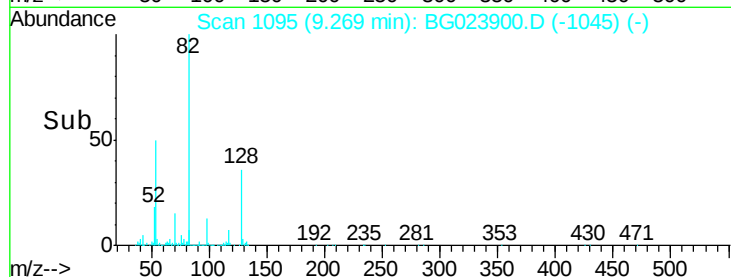
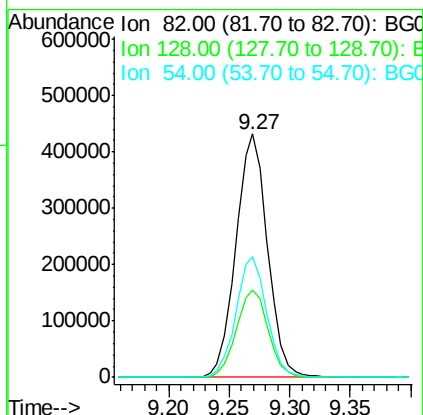
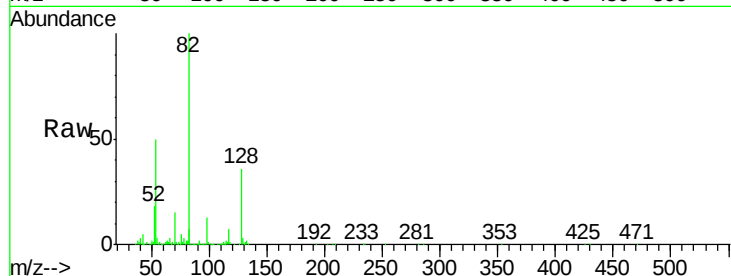




#23
 Nitrobenzene-d5
 Concen: 70.77 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023900.D
 Acq: 25 Aug 2016 19:11

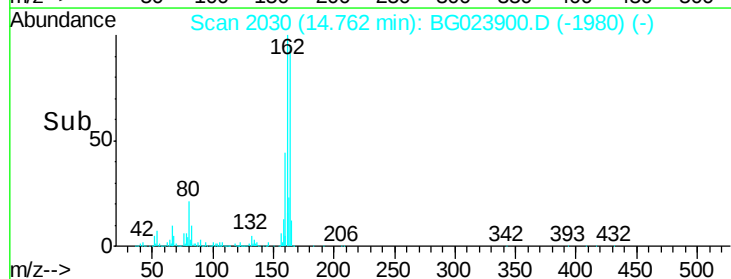
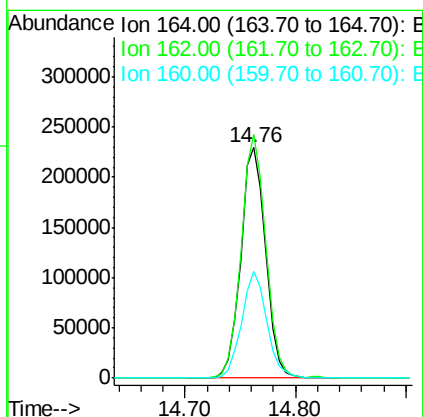
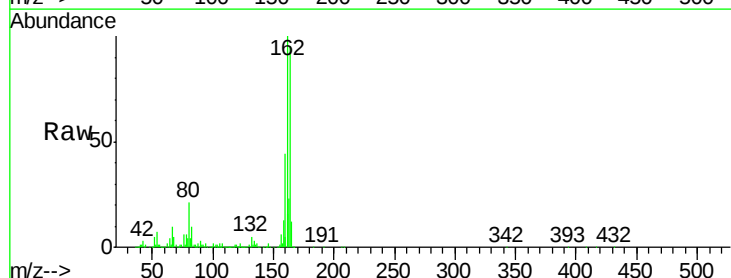
Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

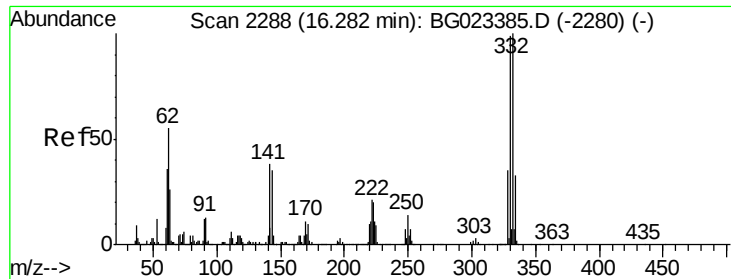
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.9	24.4	36.6
54	49.5	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BG023900.D
 Acq: 25 Aug 2016 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	87.7	131.5
160	46.1	37.2	55.8

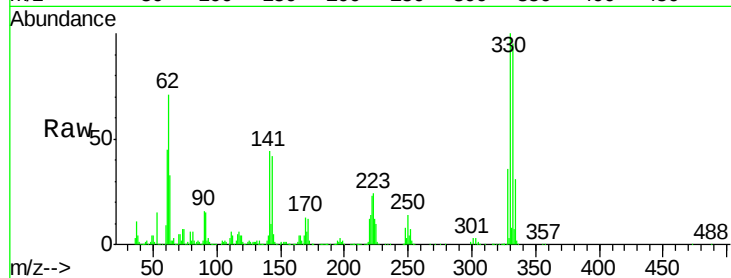




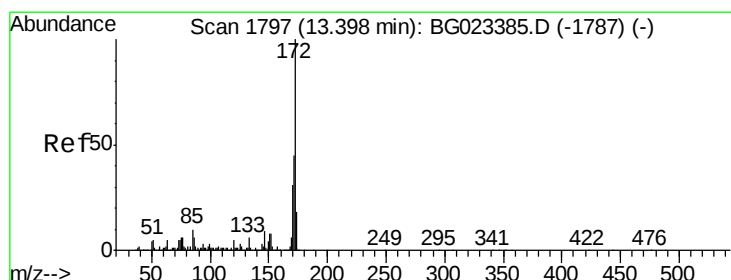
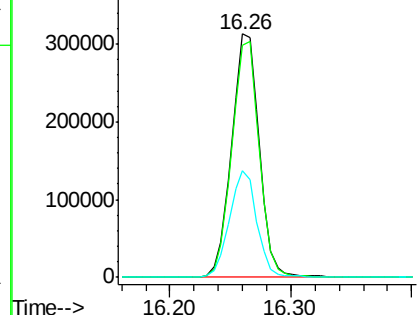
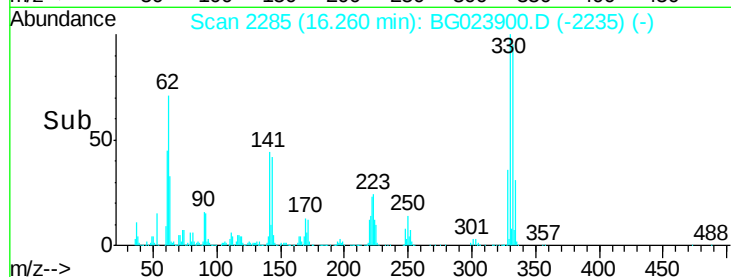
#41
 2,4,6-Tribromophenol
 Concen: 94.07 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BG023900.D
 Acq: 25 Aug 2016 19:11

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	43.0	31.7	47.5

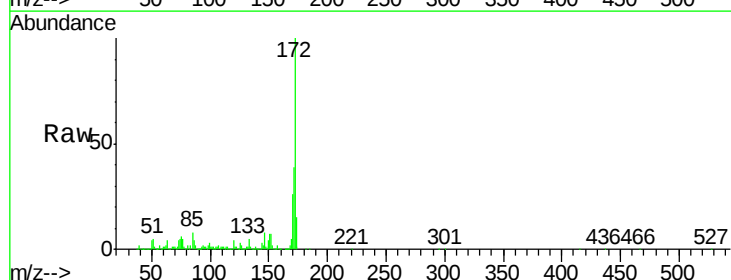


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

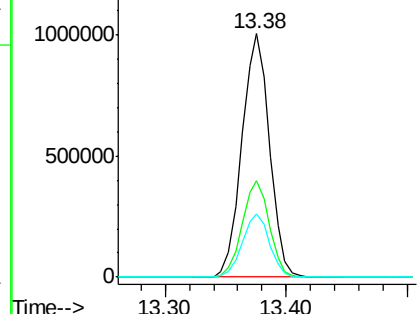
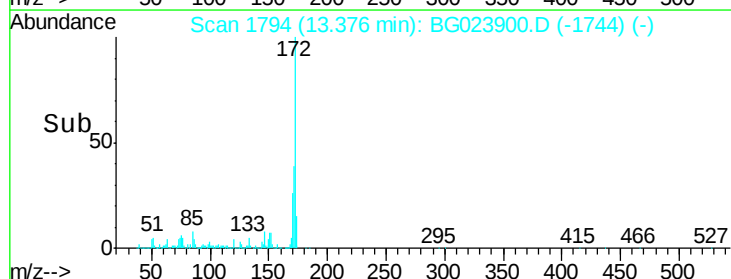


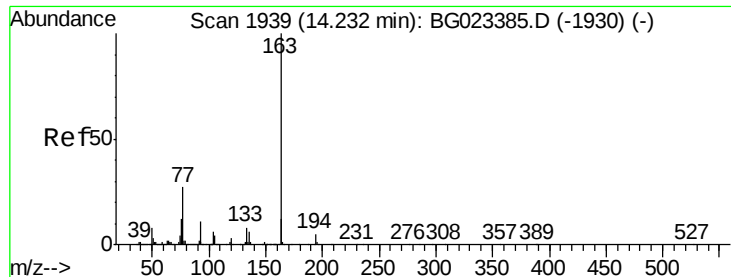
#44
 2-Fluorobiphenyl
 Concen: 74.26 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG023900.D
 Acq: 25 Aug 2016 19:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	25.9	21.3	31.9



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





#49

Dimethylphthalate

Concen: 4.68 ng

RT: 14.20 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023900.D

Acq: 25 Aug 2016 19:11

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

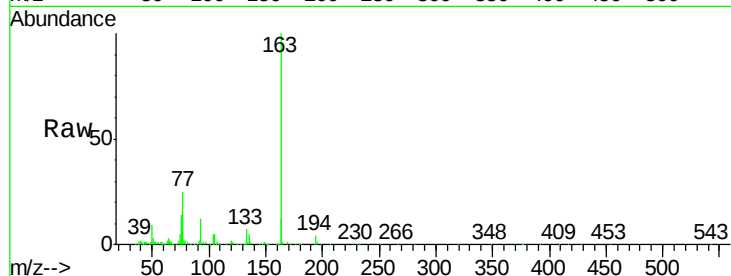
Tgt Ion:163 Resp: 130275

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

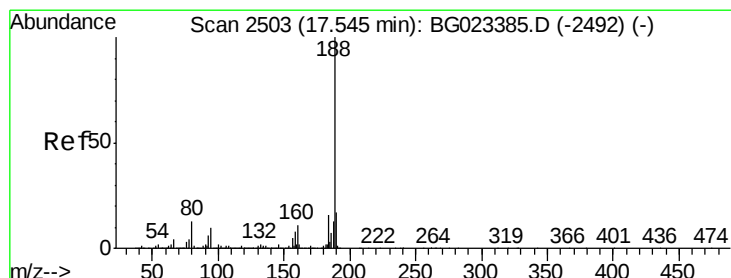
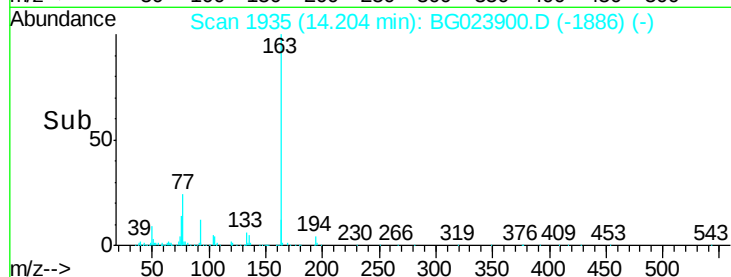
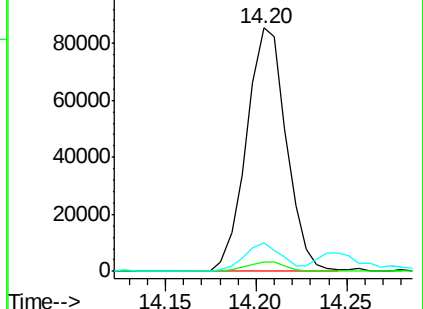
164 11.6 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG023900.D

Acq: 25 Aug 2016 19:11

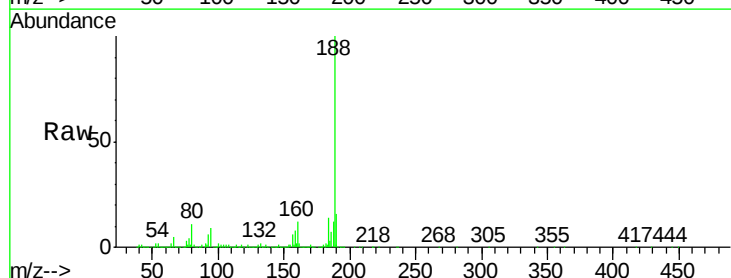
Tgt Ion:188 Resp: 837816

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

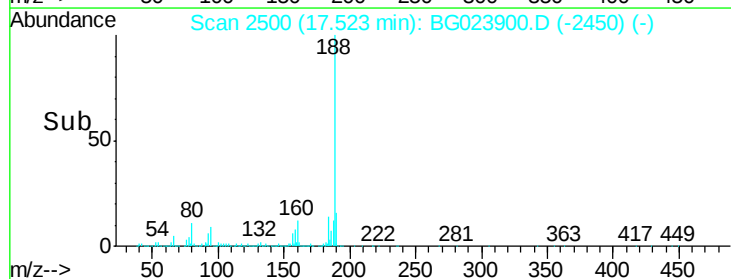
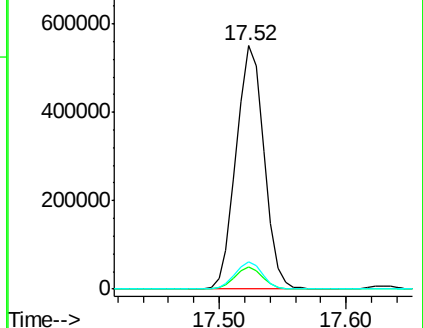
80 11.1 7.2 10.8#

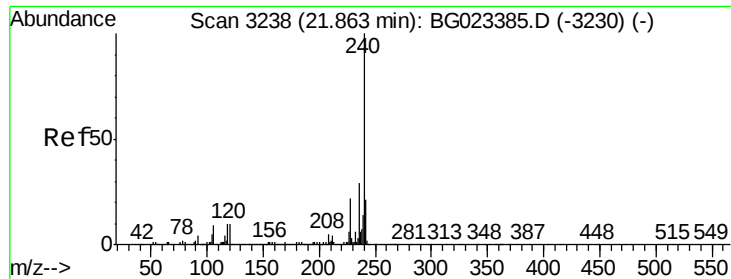


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

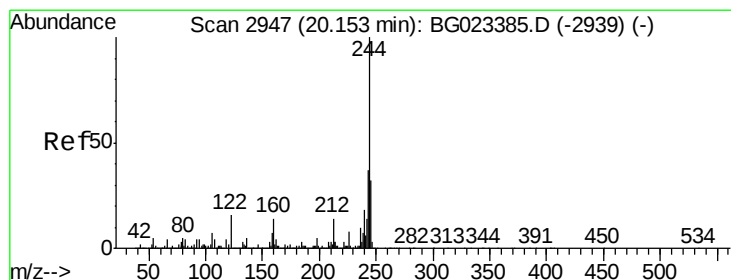
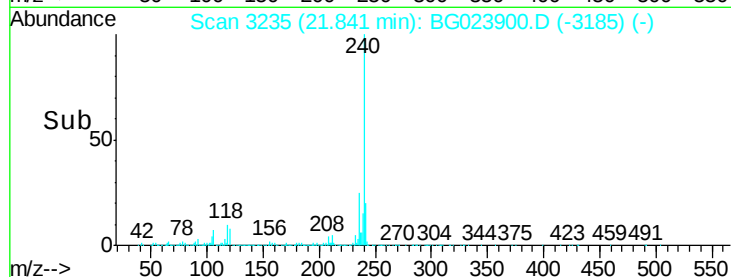
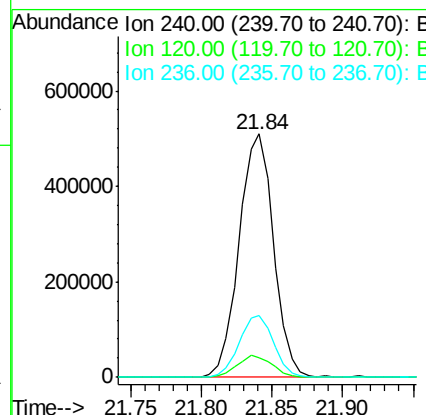
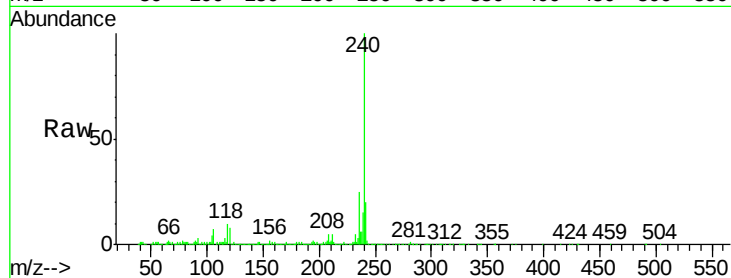




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BG023900.D
Acq: 25 Aug 2016 19:11

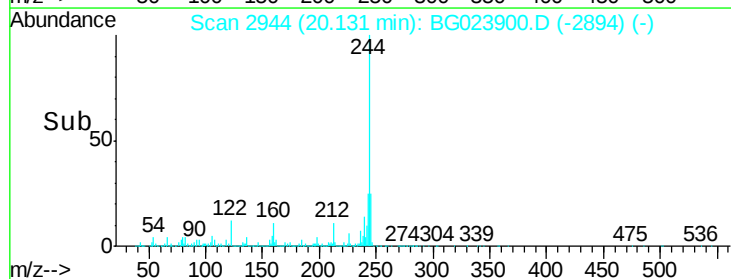
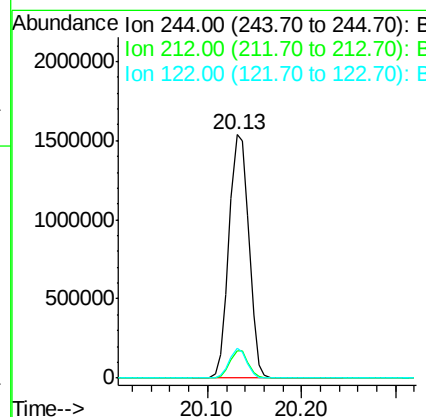
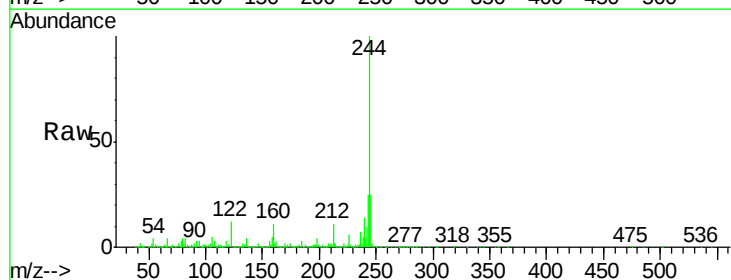
Instrument :
BNA_G
ClientSampleId :
DUPLICATE

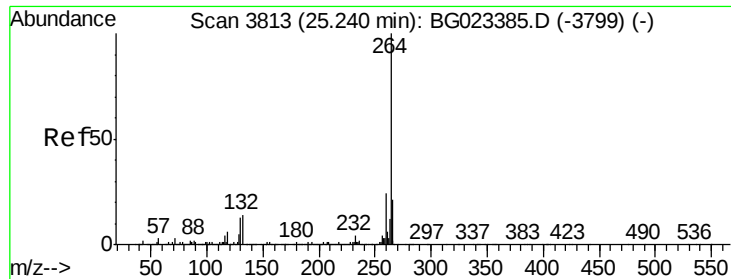
Tgt Ion:240 Resp: 871085
Ion Ratio Lower Upper
240 100
120 8.3 4.1 6.1#
236 25.4 21.1 31.7



#78
Terphenyl-d14
Concen: 80.47 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG023900.D
Acq: 25 Aug 2016 19:11

Tgt Ion:244 Resp: 2268236
Ion Ratio Lower Upper
244 100
212 11.4 10.8 16.2
122 12.1 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.01 min
Lab File: BG023900.D
Acq: 25 Aug 2016 19:11

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.2	18.9	28.3

