

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024166.D
 Acq On : 30 Sep 2016 19:22
 Operator : UM/SJ
 Sample : H4998-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B057-3-6

Quant Time: Oct 01 01:11:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

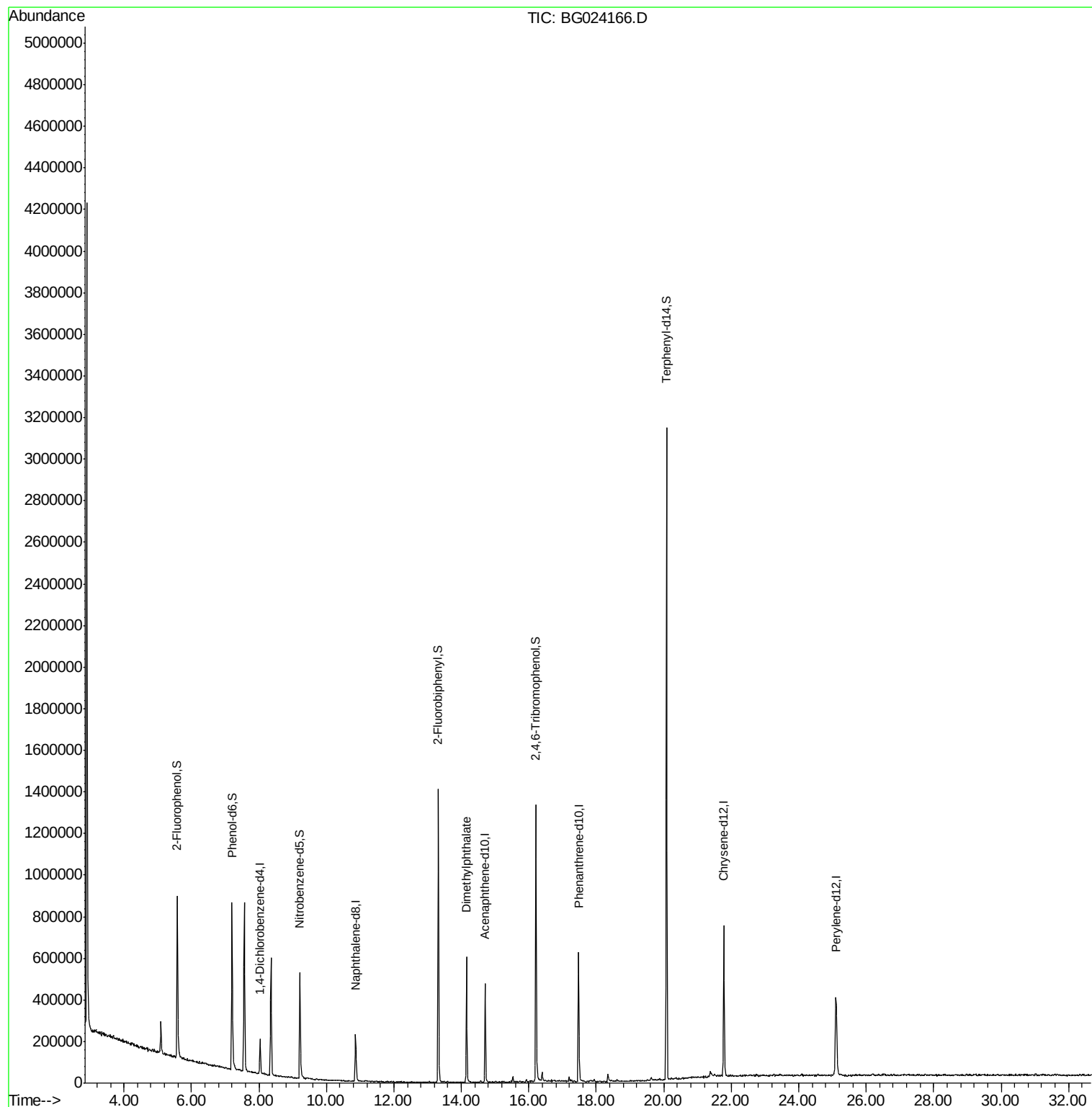
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43414	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	191317	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	163403	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	405299	20.00	ng	0.00
75) Chrysene-d12	21.78	240	469833	20.00	ng	-0.02
86) Perylene-d12	25.11	264	453789	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	329400	131.45	ng	0.00
7) Phenol-d6	7.20	99	491762	116.63	ng	0.00
23) Nitrobenzene-d5	9.21	82	350616	72.23	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	229721	97.81	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	678219	69.77	ng	-0.02
78) Terphenyl-d14	20.08	244	1260426	54.93	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.15	163	379102	30.24	ng	Qvalue 99

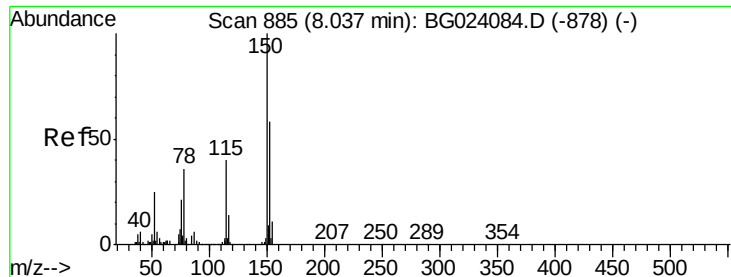
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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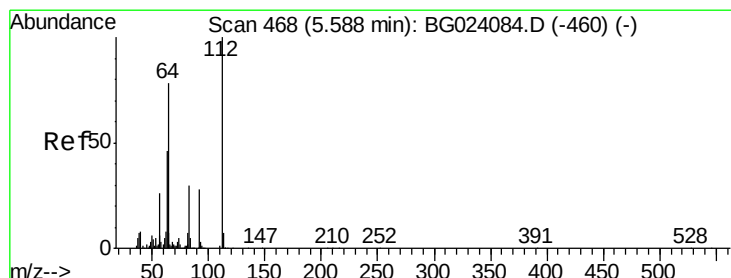
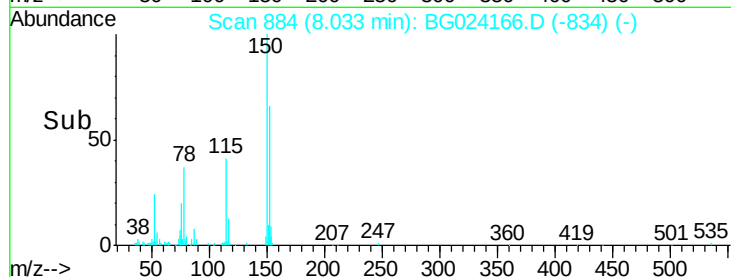
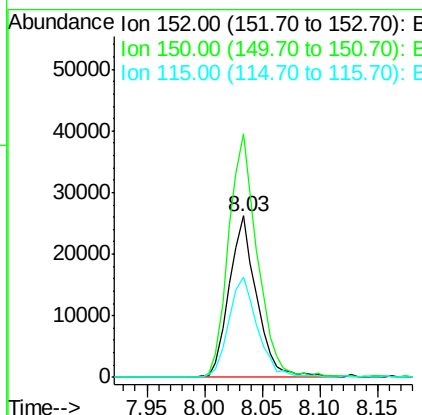
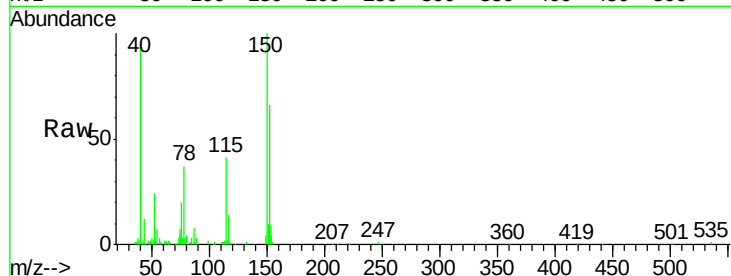


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG024166.D
Acq: 30 Sep 2016 19:22

Instrument :
BNA_G
ClientSampleId :
SUP-B057-3-6

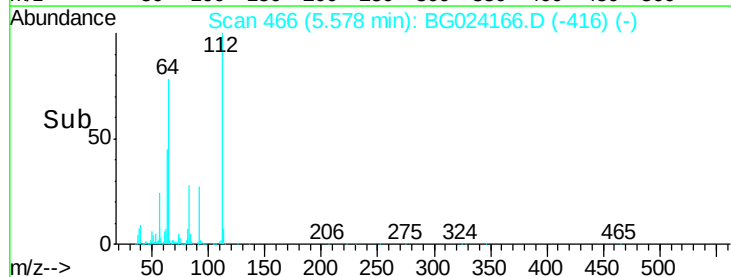
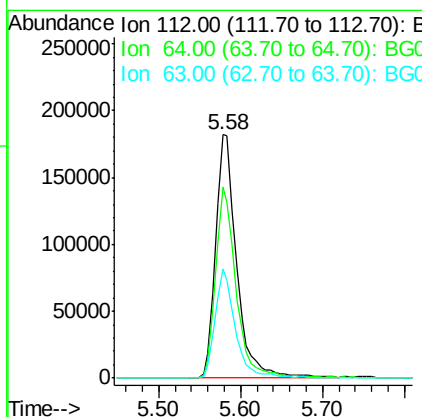
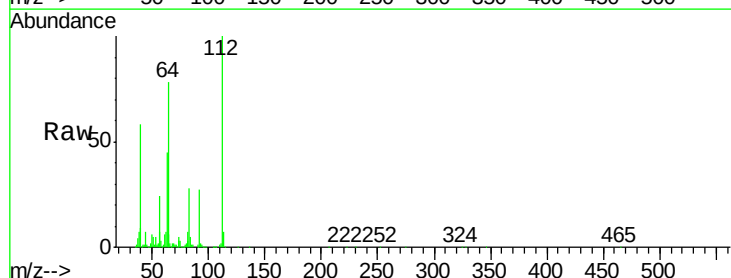
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	144.7	217.1
115	62.3	64.0	96.0#

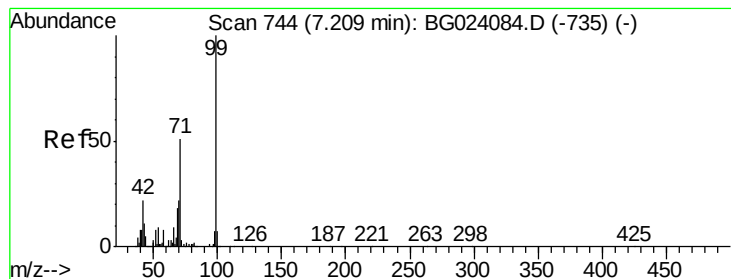


#5

2-Fluorophenol
Concen: 131.45 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BG024166.D
Acq: 30 Sep 2016 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	59.0	88.4
63	44.9	37.8	56.8





#7

Phenol-d6

Concen: 116.63 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG024166.D

Acq: 30 Sep 2016 19:22

Instrument :

BNA_G

ClientSampleId :

SUP-B057-3-6

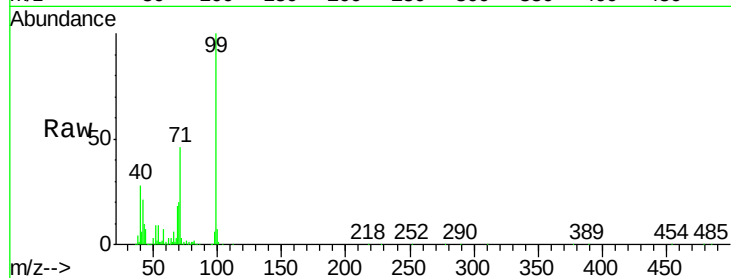
Tot Ion: 99 Resp: 491762

Ion Ratio Lower Upper

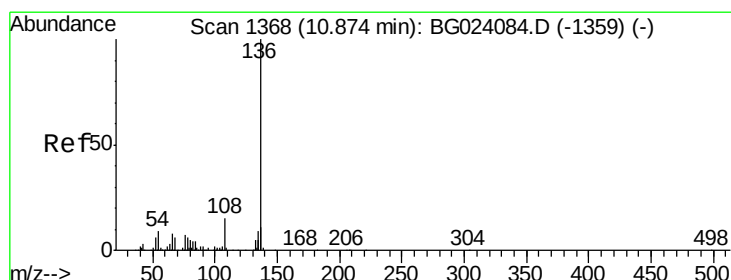
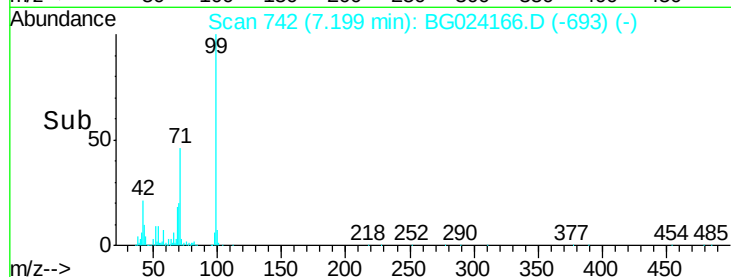
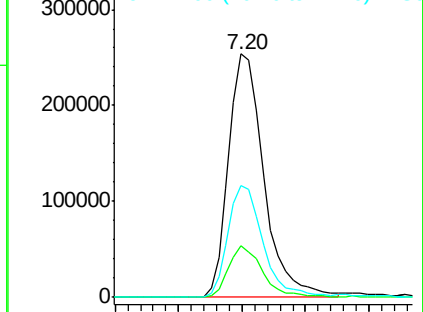
99 100

42 20.9 17.8 26.6

71 45.7 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: 10.86 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BG024166.D

Acq: 30 Sep 2016 19:22

Tgt Ion: 136 Resp: 191317

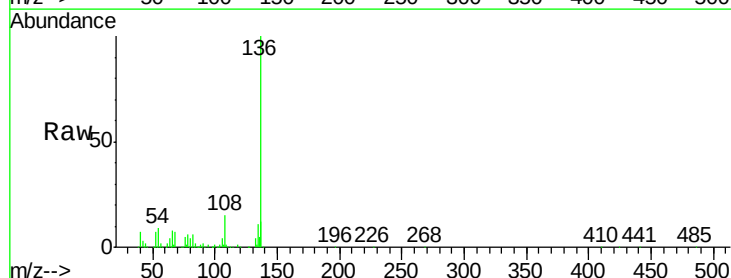
Ion Ratio Lower Upper

136 100

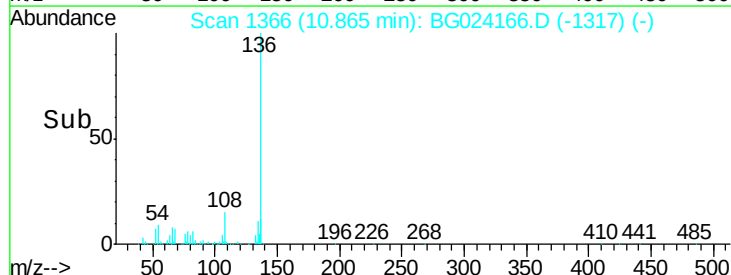
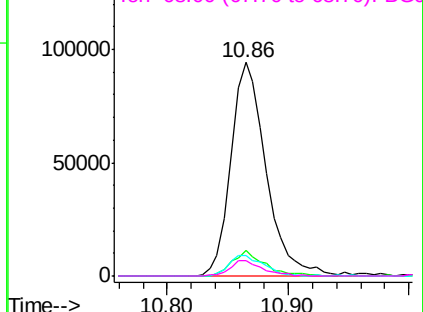
137 12.1 9.6 14.4

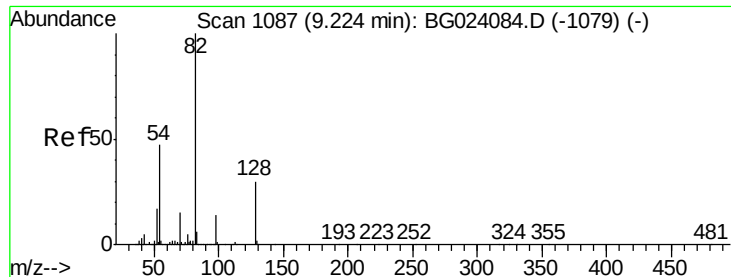
54 9.4 7.3 10.9

68 7.5 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

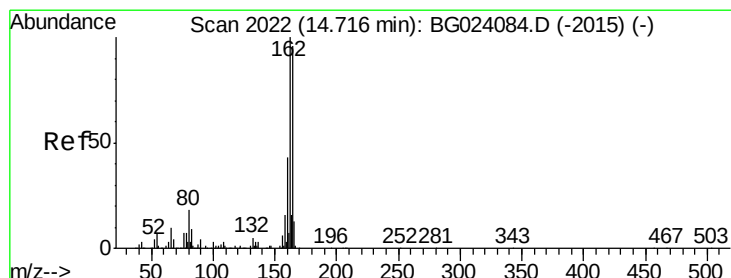
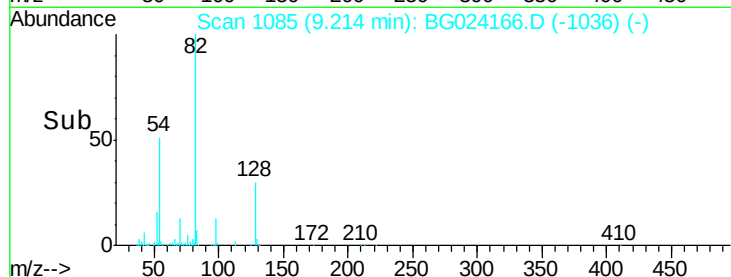
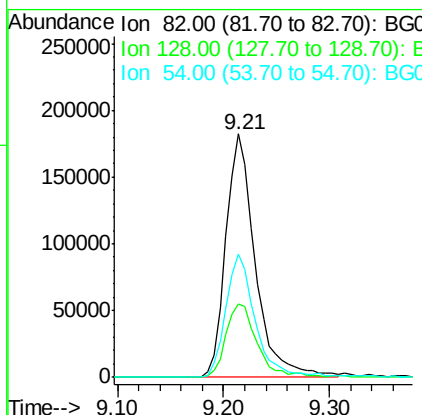
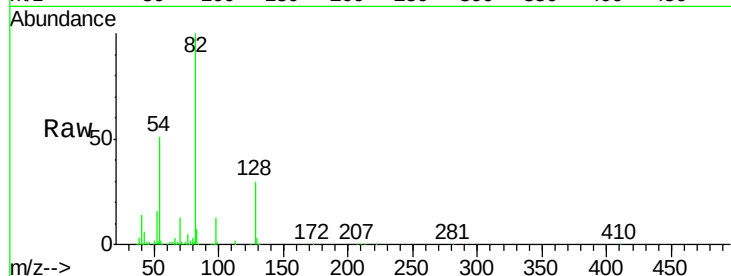




#23
 Nitrobenzene-d5
 Concen: 72.23 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024166.D
 Acq: 30 Sep 2016 19:22

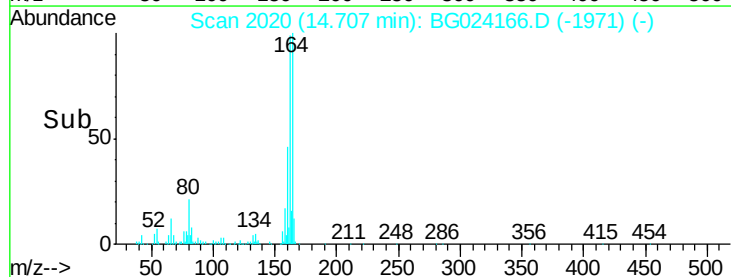
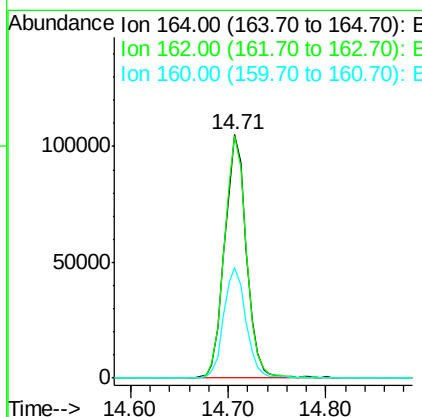
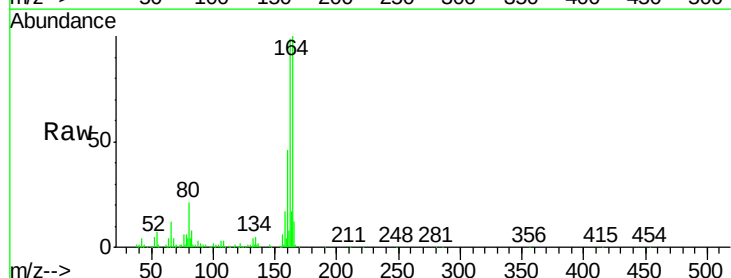
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B057-3-6

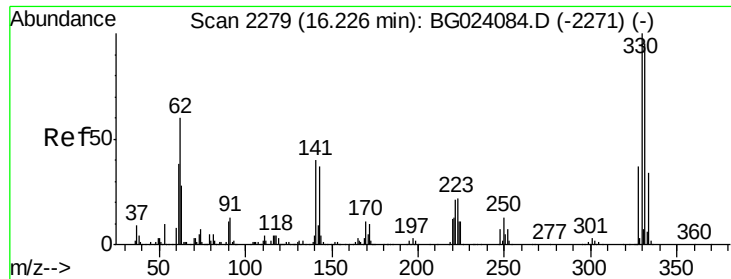
Tot Ion	82	Resp	350616
Ion	Ratio	Lower	Upper
82	100		
128	30.1	24.4	36.6
54	50.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG024166.D
 Acq: 30 Sep 2016 19:22

Tgt Ion	164	Resp	163403
Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	45.5	37.2	55.8

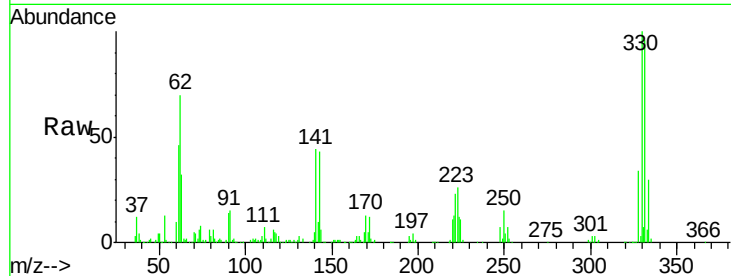




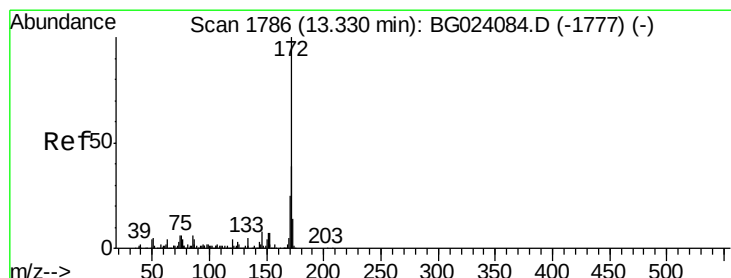
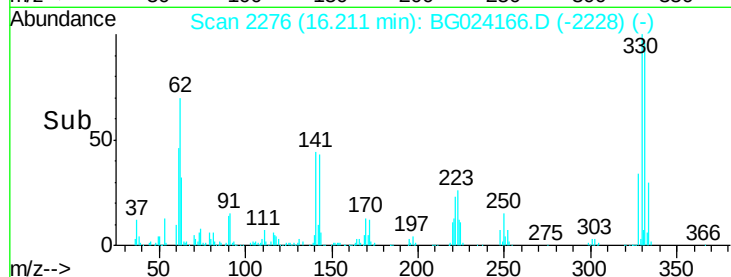
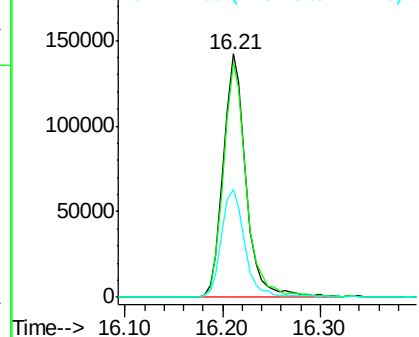
#41
 2,4,6-Tribromophenol
 Concen: 97.81 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG024166.D
 Acq: 30 Sep 2016 19:22

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B057-3-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	45.5	31.7	47.5

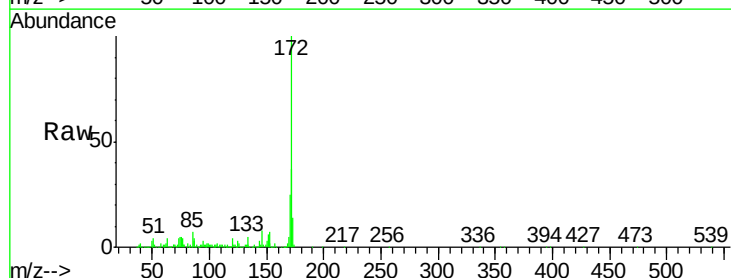


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

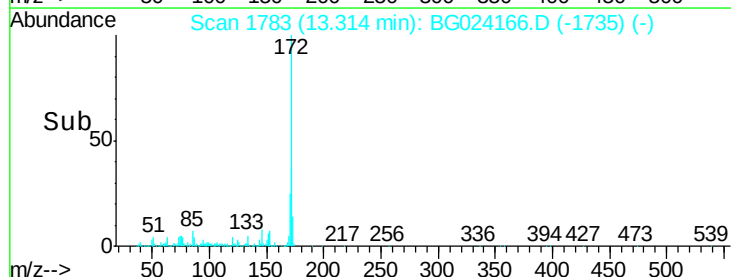
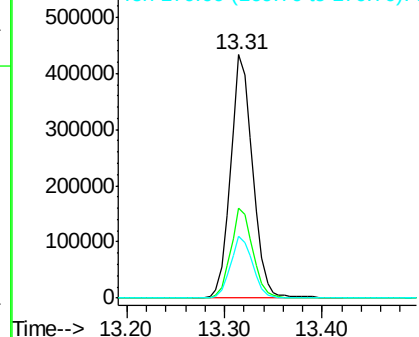


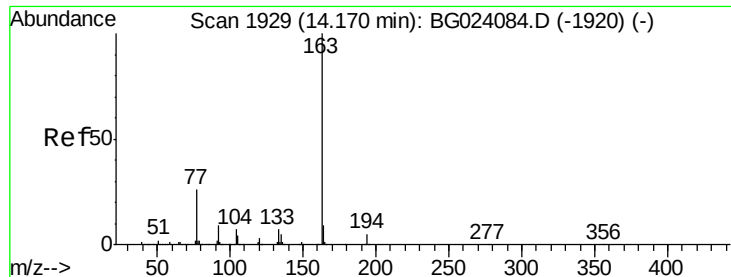
#44
 2-Fluorobiphenyl
 Concen: 69.77 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG024166.D
 Acq: 30 Sep 2016 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.6	47.4
170	25.3	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

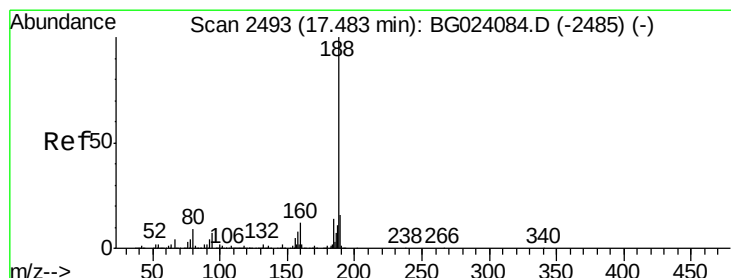
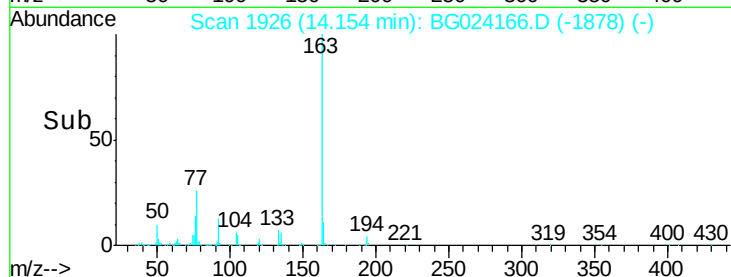
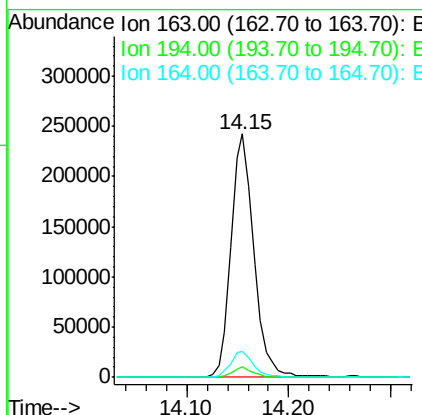
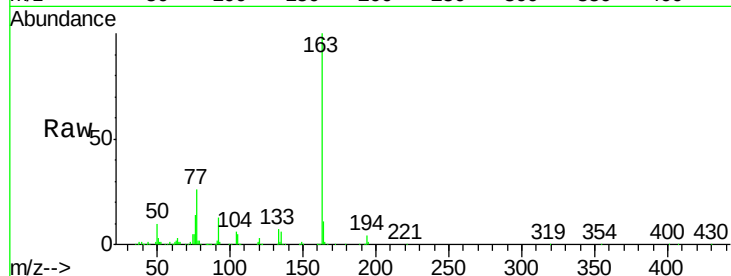




#49
Dimethylphthalate
Concen: 30.24 ng
RT: 14.15 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG024166.D
Acq: 30 Sep 2016 19:22

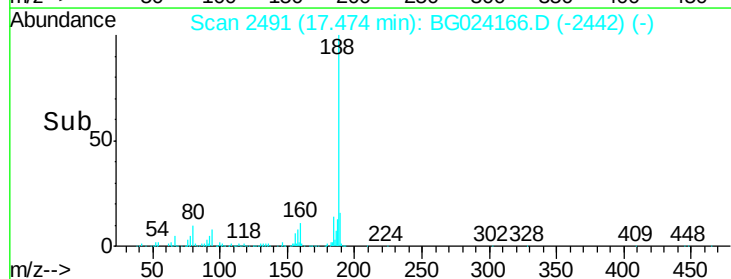
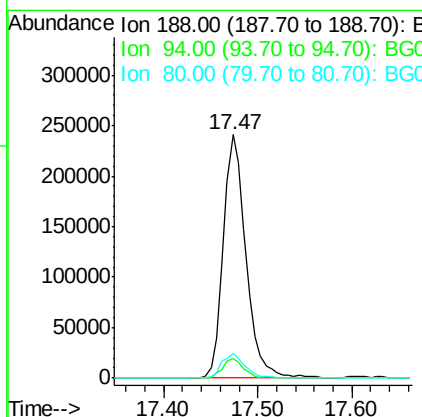
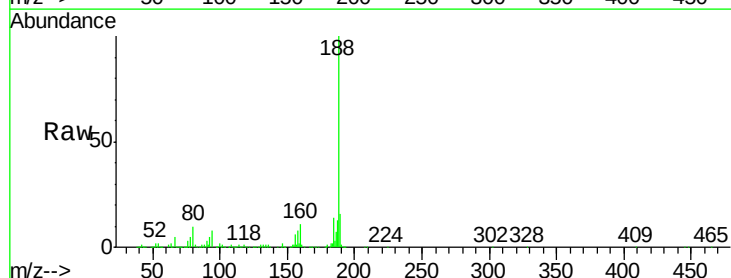
Instrument :
BNA_G
ClientSampleId :
SUP-B057-3-6

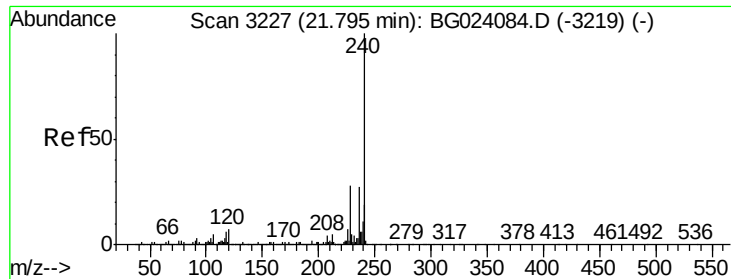
Tot Ion:163 Resp: 379102
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.5 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG024166.D
Acq: 30 Sep 2016 19:22

Tgt Ion:188 Resp: 405299
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 10.0 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.02 min

Lab File: BG024166.D

Acq: 30 Sep 2016 19:22

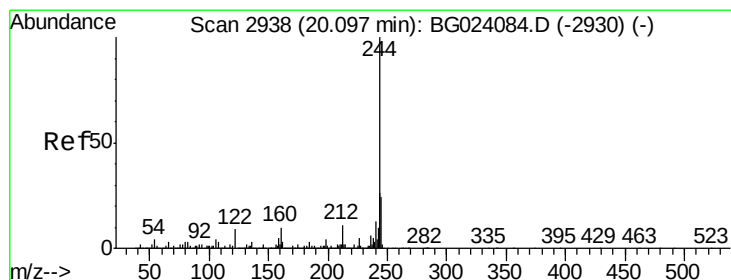
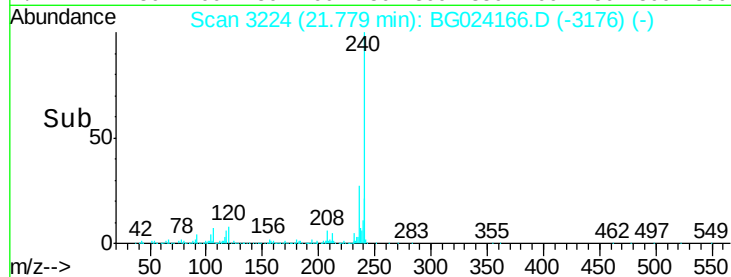
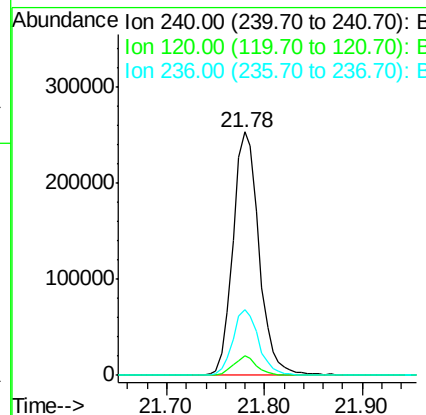
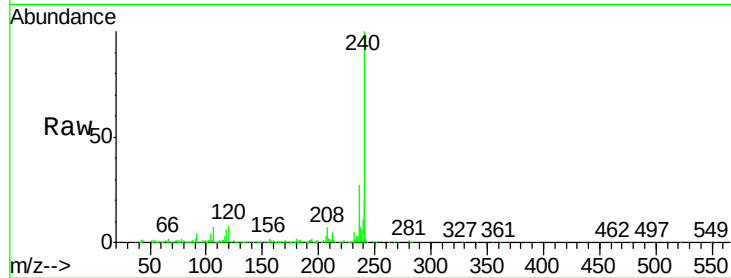
Instrument :

BNA_G

ClientSampleId :

SUP-B057-3-6

Tot Ion:240	Resp:	469833
Ion Ratio	Lower	Upper
240	100	
120	8.2	4.1 6.1#
236	27.0	21.1 31.7



#78

Terphenyl-d14

Concen: 54.93 ng

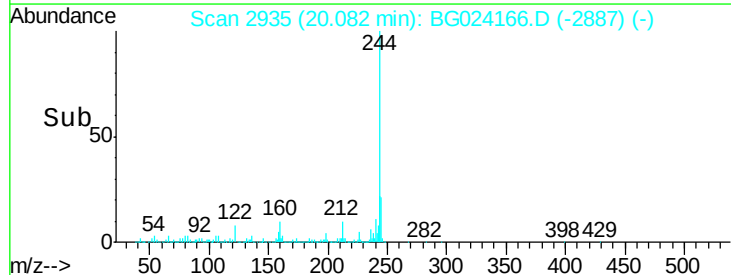
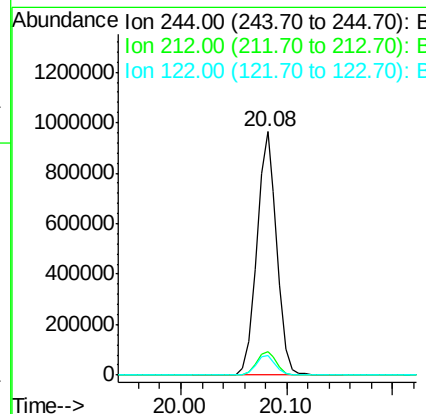
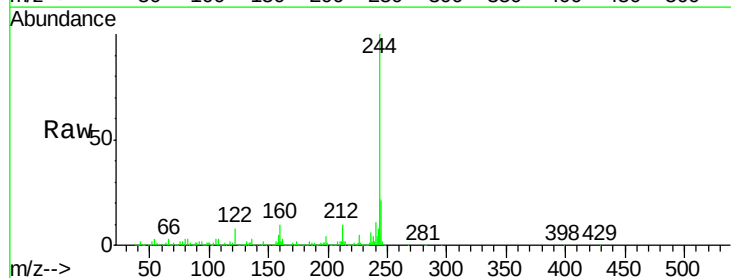
RT: 20.08 min Scan# 2935

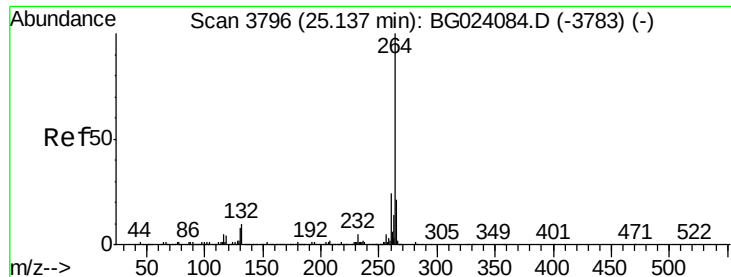
Delta R.T. -0.02 min

Lab File: BG024166.D

Acq: 30 Sep 2016 19:22

Tgt Ion:244	Resp:	1260426
Ion Ratio	Lower	Upper
244	100	
212	9.7	10.8 16.2#
122	8.2	8.0 12.0

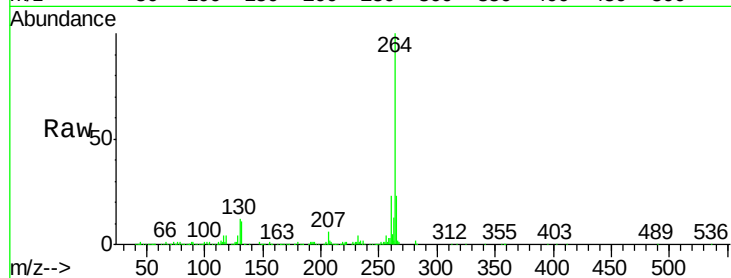




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.03 min
Lab File: BG024166.D
Acq: 30 Sep 2016 19:22

Instrument :
BNA_G
ClientSampleId :
SUP-B057-3-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

