

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024162.D
 Acq On : 30 Sep 2016 16:49
 Operator : UM/SJ
 Sample : H4998-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6

Quant Time: Sep 30 18:04:44 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

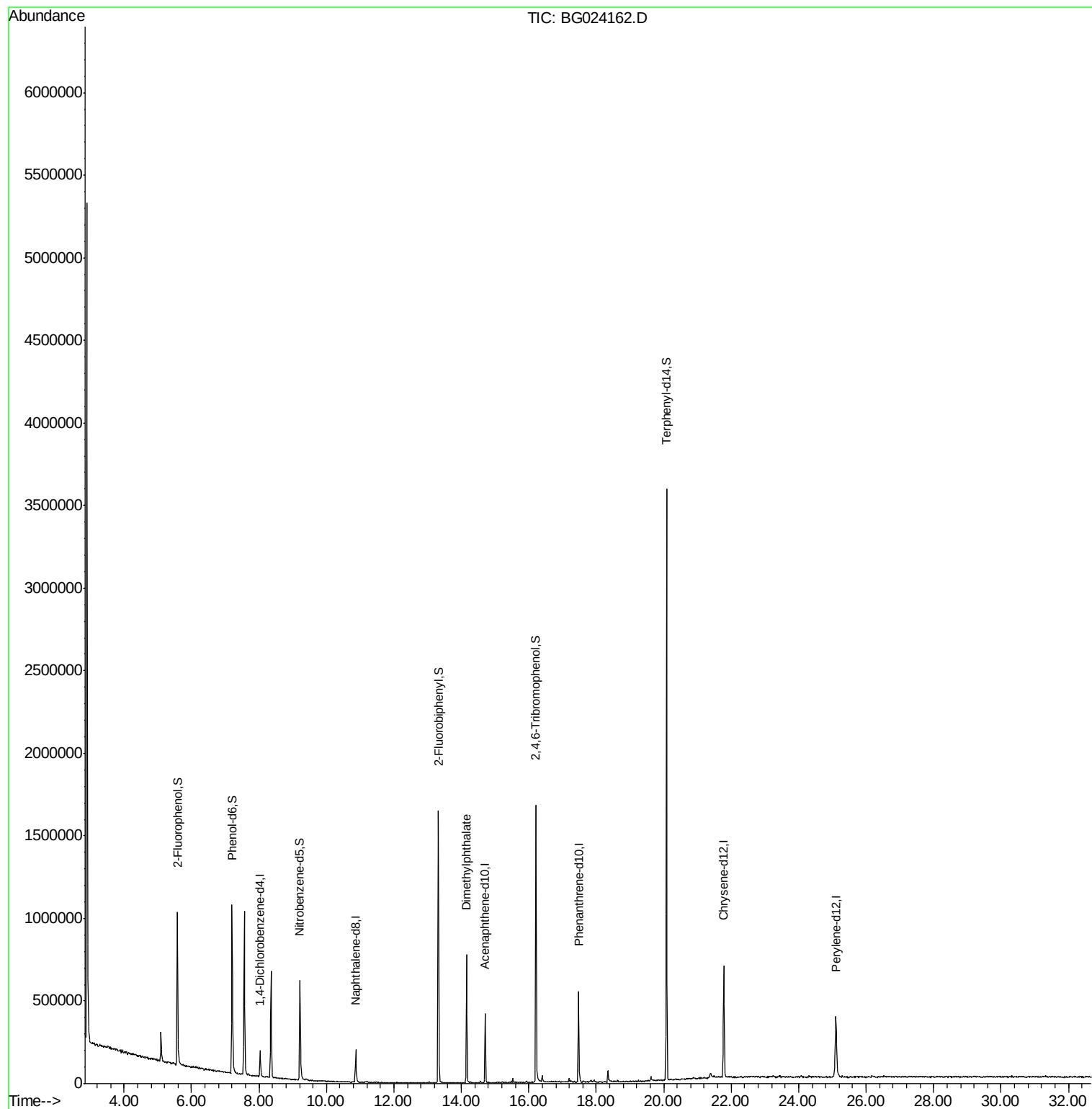
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38171	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	175497	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	145437	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	358892	20.00	ng	0.00
75) Chrysene-d12	21.78	240	428846	20.00	ng	-0.02
86) Perylene-d12	25.11	264	413739	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	379492	172.24	ng	0.00
7) Phenol-d6	7.20	99	578439	156.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	411894	92.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	282370	135.07	ng	-0.02
44) 2-Fluorobiphenyl	13.32	172	783690	90.58	ng	-0.01
78) Terphenyl-d14	20.08	244	1412409	67.44	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.15	163	475688	42.63	ng	99

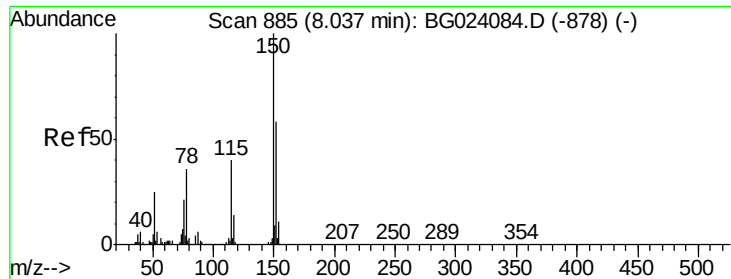
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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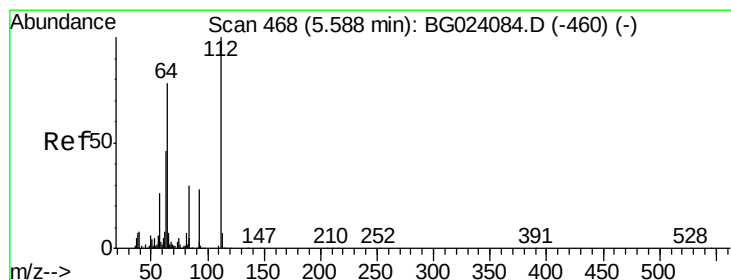
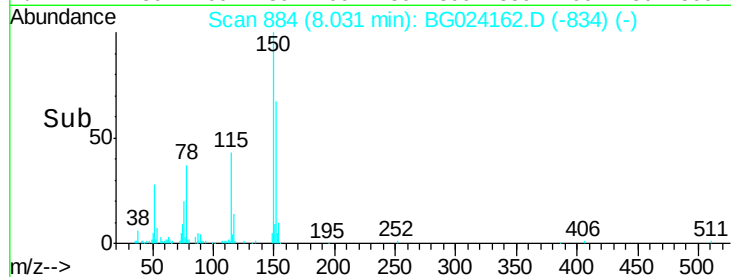
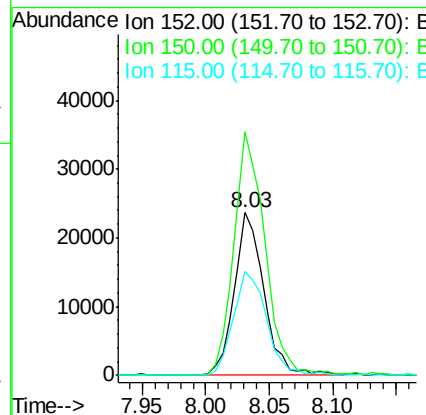
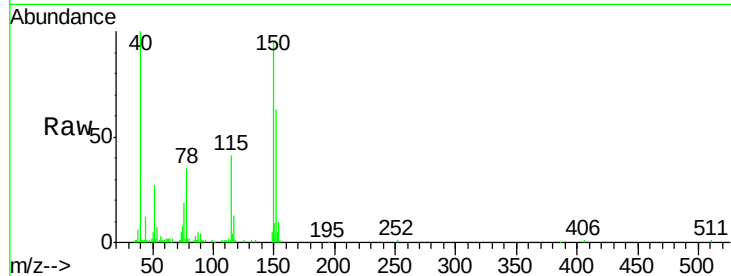


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

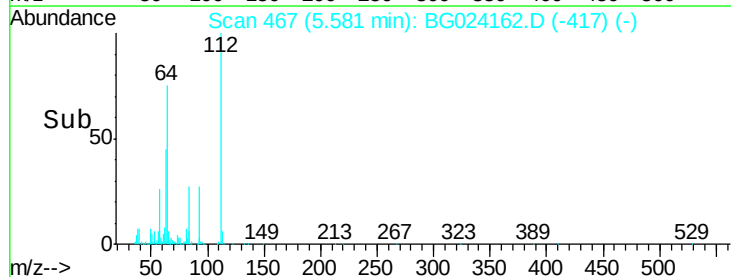
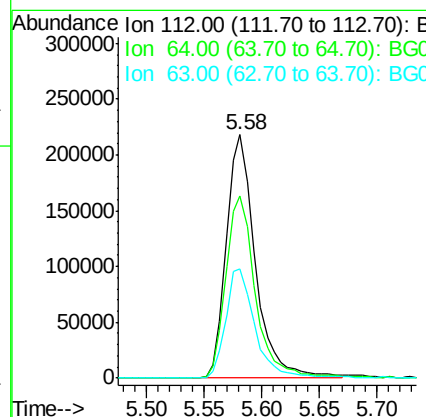
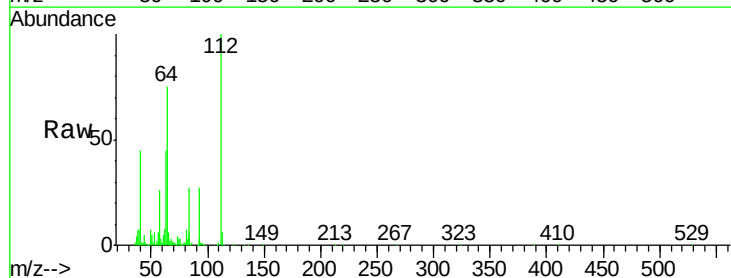
Tot Ion	152	Resp	38171
Ion Ratio	Lower	Upper	
152	100		
150	149.6	144.7	217.1
115	64.2	64.0	96.0

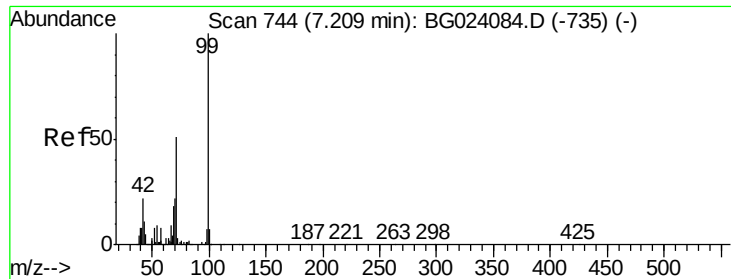


#5

2-Fluorophenol
Concen: 172.24 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Tgt Ion	112	Resp	379492
Ion Ratio	Lower	Upper	
112	100		
64	74.8	59.0	88.4
63	44.9	37.8	56.8





#7

Phenol-d6

Concen: 156.03 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6

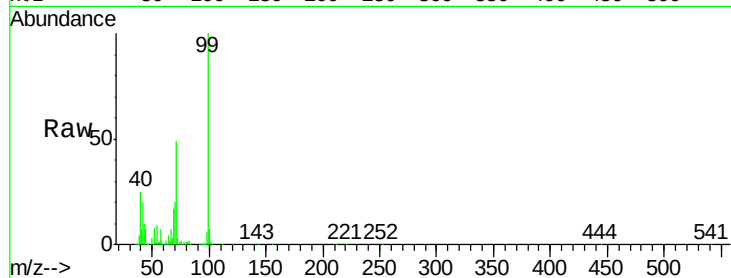
Tot Ion: 99 Resp: 578439

Ion Ratio Lower Upper

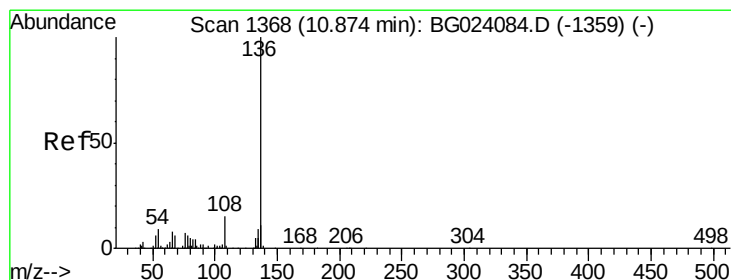
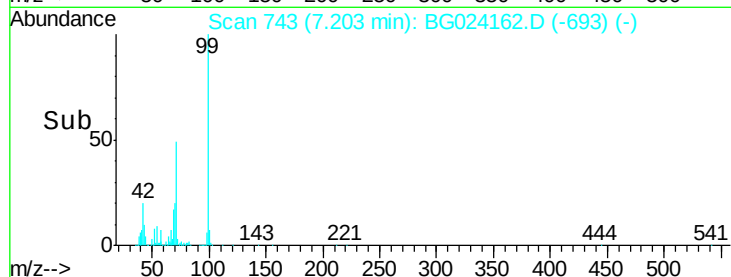
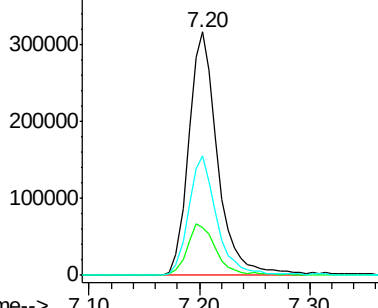
99 100

42 19.7 17.8 26.6

71 49.0 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: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

Tgt Ion: 136 Resp: 175497

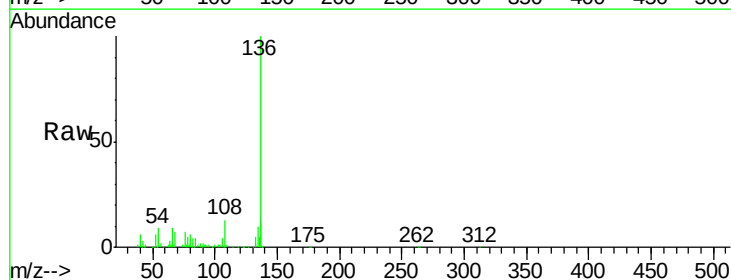
Ion Ratio Lower Upper

136 100

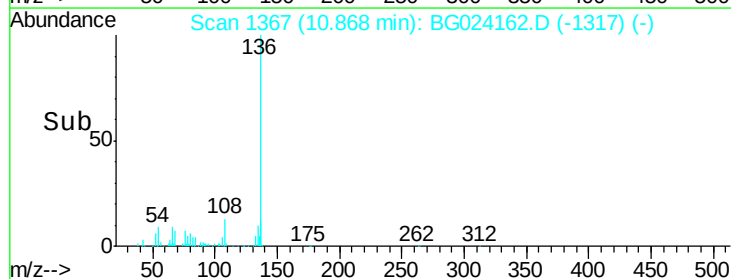
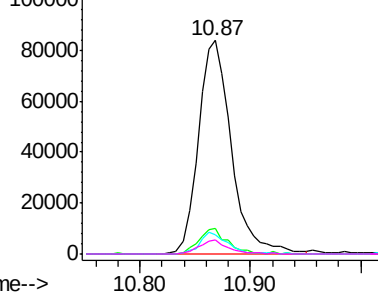
137 12.0 9.6 14.4

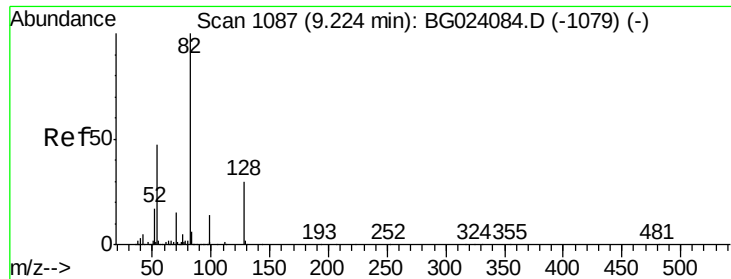
54 9.3 7.3 10.9

68 6.6 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

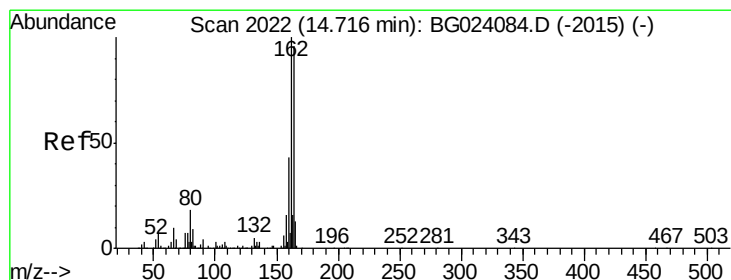
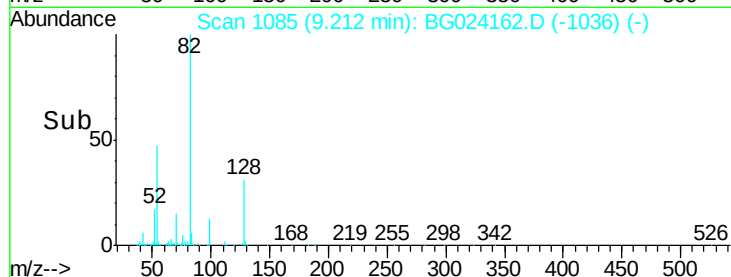
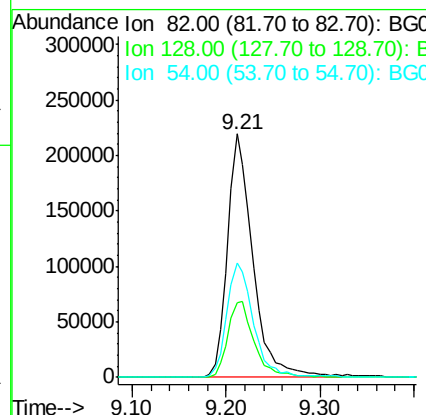
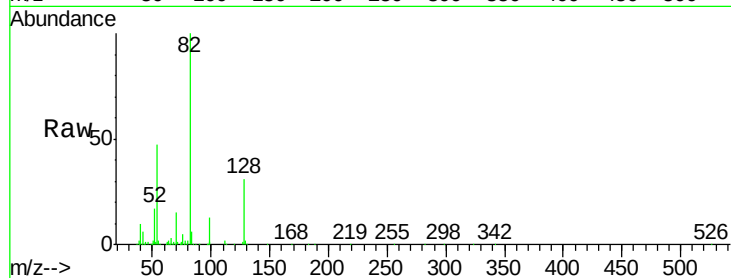




#23
 Nitrobenzene-d5
 Concen: 92.50 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024162.D
 Acq: 30 Sep 2016 16:49

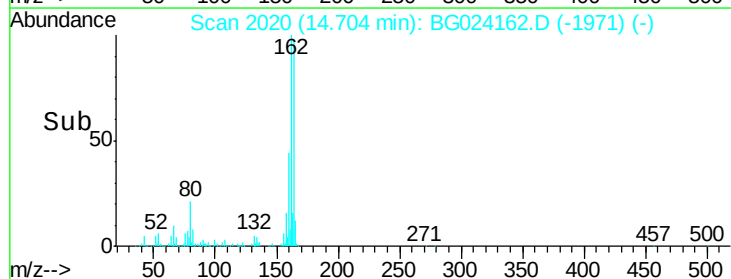
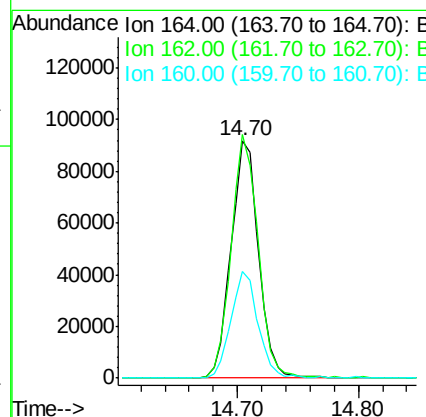
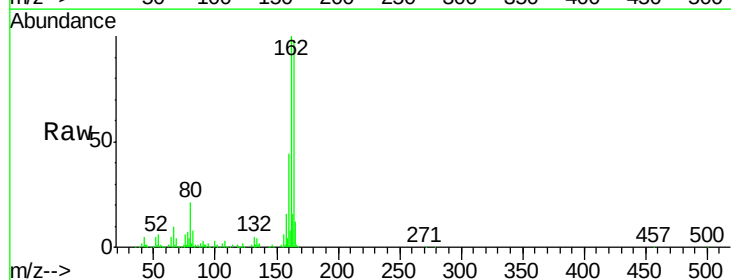
Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6

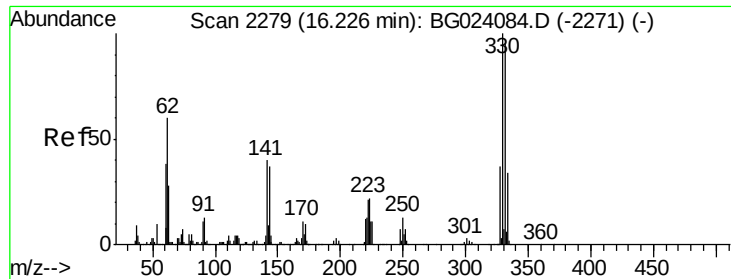
Tot Ion	82	Resp	411894
Ion Ratio	Lower	Upper	
82	100		
128	30.6	24.4	36.6
54	46.9	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.70 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG024162.D
 Acq: 30 Sep 2016 16:49

Tgt Ion	164	Resp	145437
Ion Ratio	Lower	Upper	
164	100		
162	102.4	87.7	131.5
160	44.9	37.2	55.8

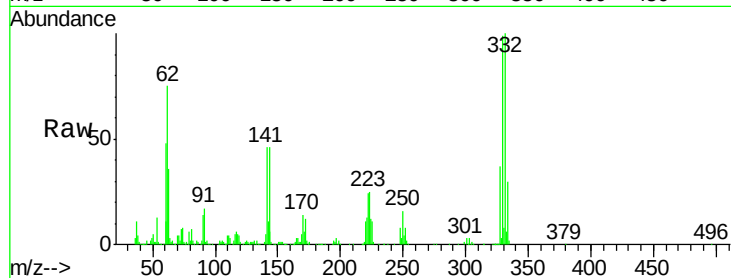




#41
 2,4,6-Tribromophenol
 Concen: 135.07 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG024162.D
 Acq: 30 Sep 2016 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	46.1	31.7	47.5

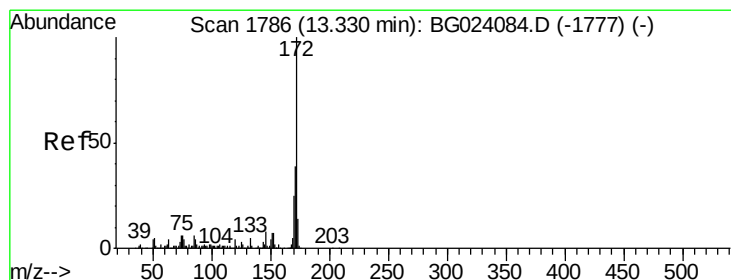
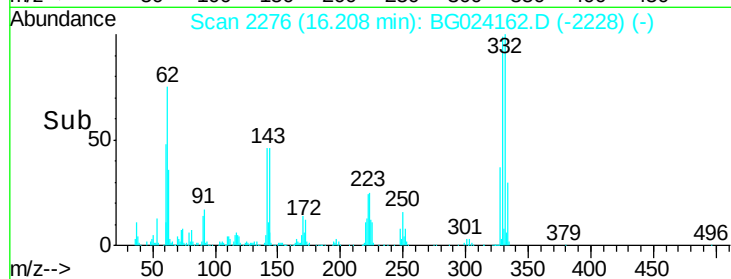
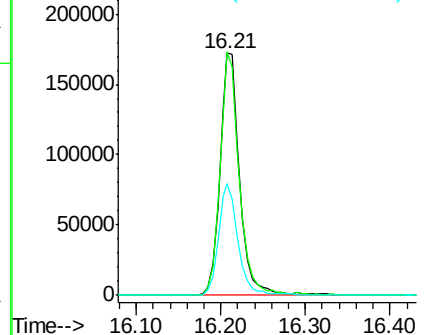


Abundance

Ion 329.80 (329.50 to 330.50): E

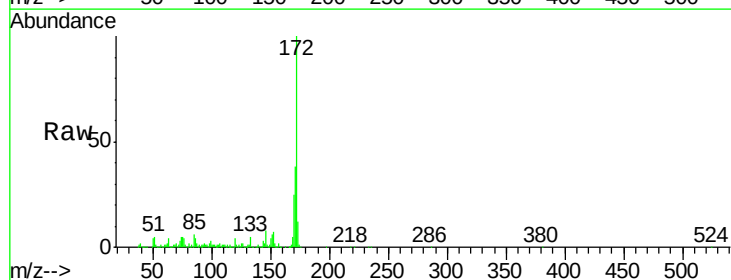
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.58 ng
 RT: 13.32 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG024162.D
 Acq: 30 Sep 2016 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.6	47.4
170	25.2	21.3	31.9

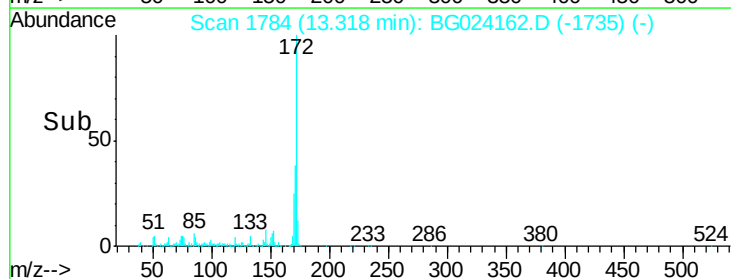
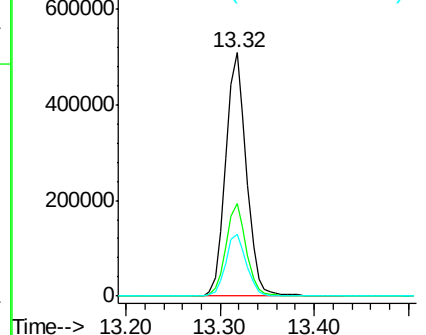


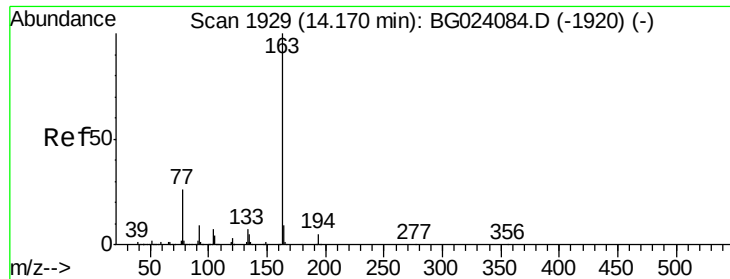
Abundance

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: 42.63 ng

RT: 14.15 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6

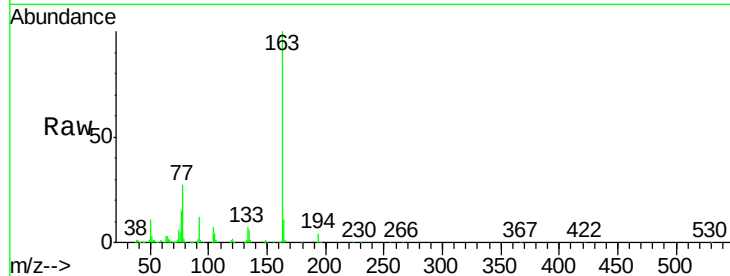
Tot Ion:163 Resp: 475688

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

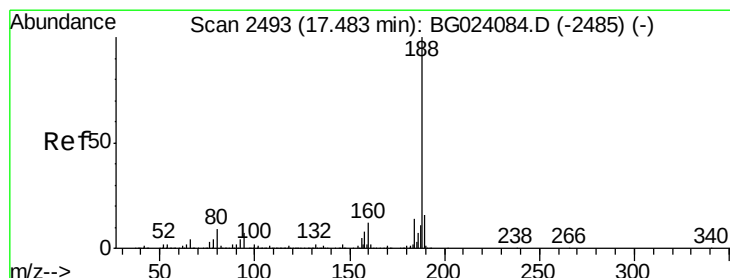
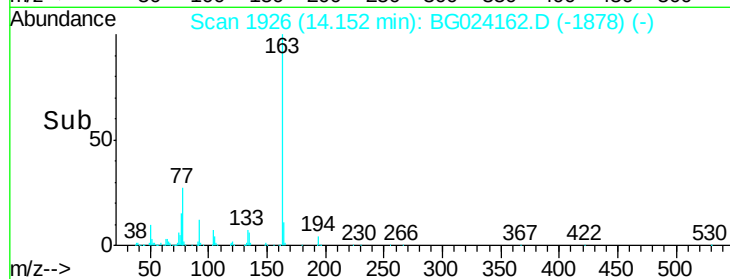
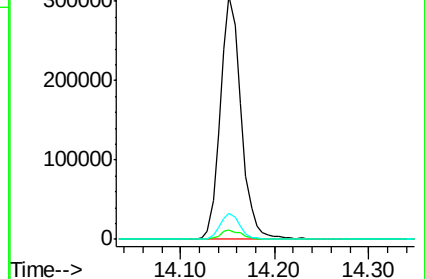
164 10.5 8.1 12.1



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: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

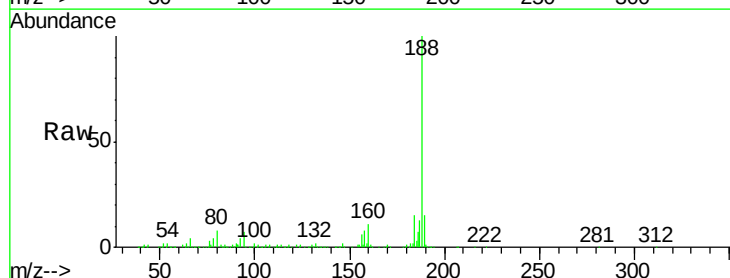
Tgt Ion:188 Resp: 358892

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

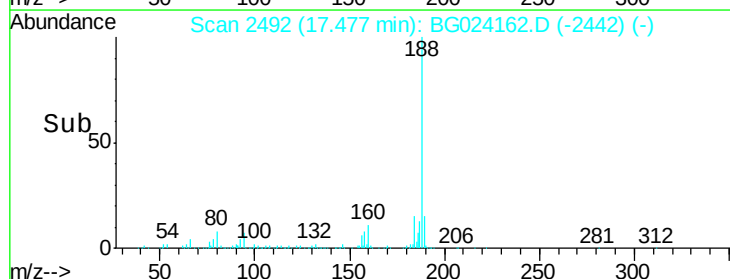
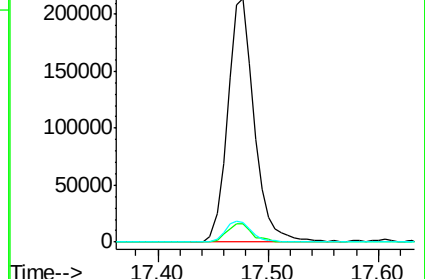
80 8.2 7.2 10.8

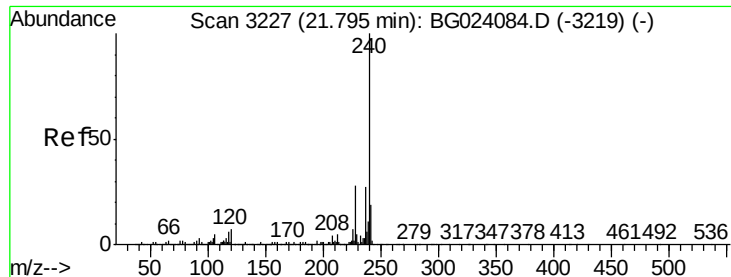


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.78 min Scan# 3224

Delta R.T. -0.02 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6

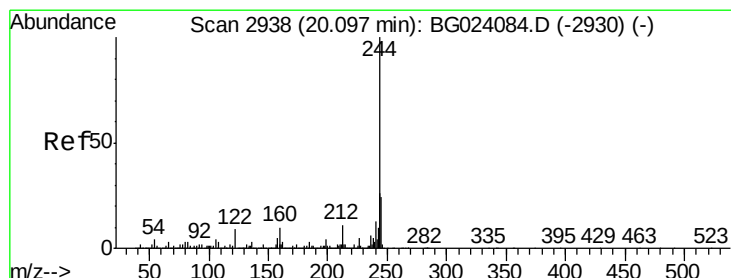
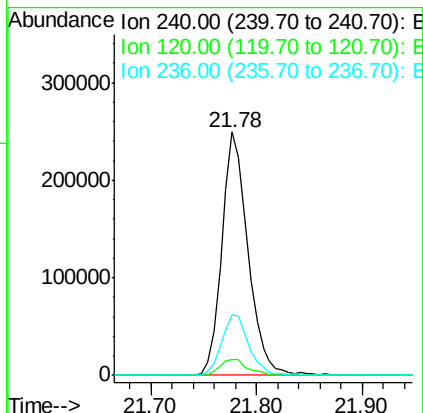
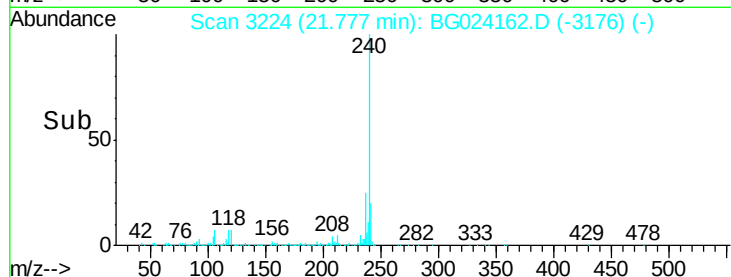
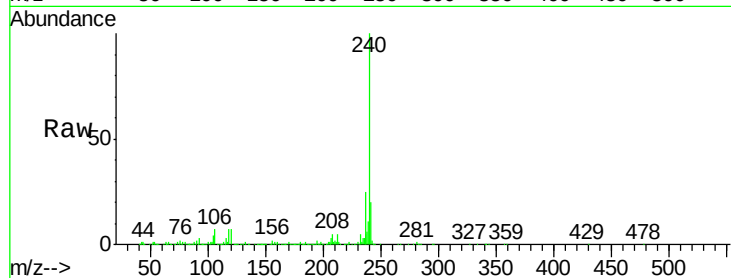
Tot Ion:240 Resp: 428846

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

236 24.9 21.1 31.7



#78

Terphenyl-d14

Concen: 67.44 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

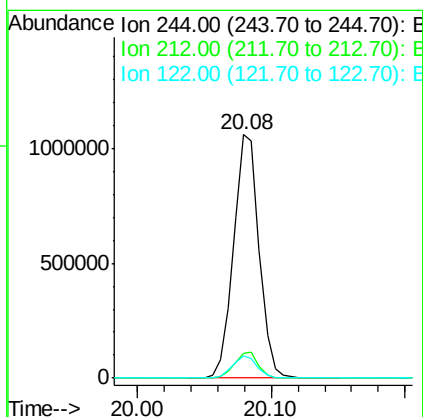
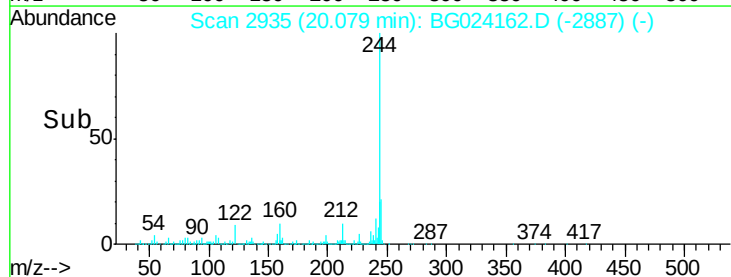
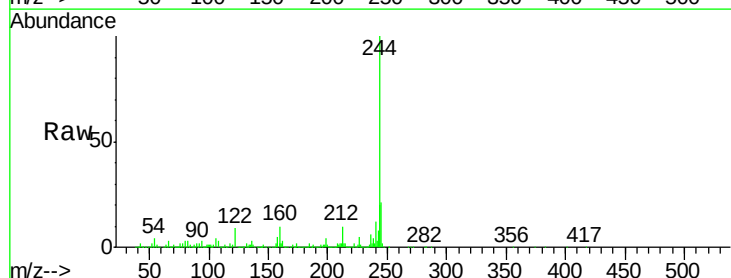
Tgt Ion:244 Resp: 1412409

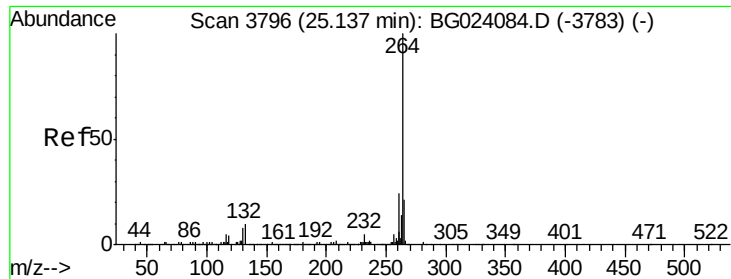
Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

122 8.9 8.0 12.0

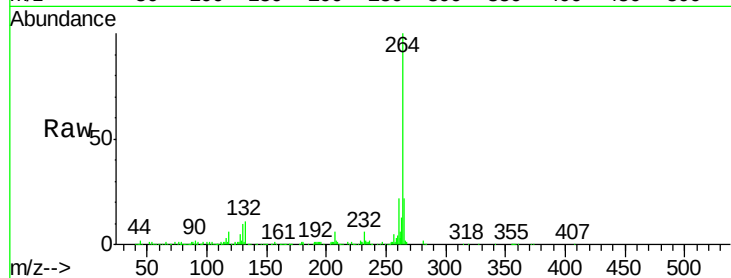




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.03 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.4	27.6
265	21.6	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

