

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024181.D
 Acq On : 1 Oct 2016 5:07
 Operator : UM/SJ
 Sample : H5023-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-CD-09272016

Quant Time: Oct 01 05:51:17 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	36367	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	155115	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	111712	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	314108	20.00	ng	0.00
75) Chrysene-d12	21.78	240	352634	20.00	ng	-0.02
86) Perylene-d12	25.13	264	70736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	325857	155.23	ng	0.00
7) Phenol-d6	7.20	99	424430	120.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	388267	98.65	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	231829	144.37	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	735870	110.73	ng	-0.02
78) Terphenyl-d14	20.08	244	1587161	92.16	ng	-0.02

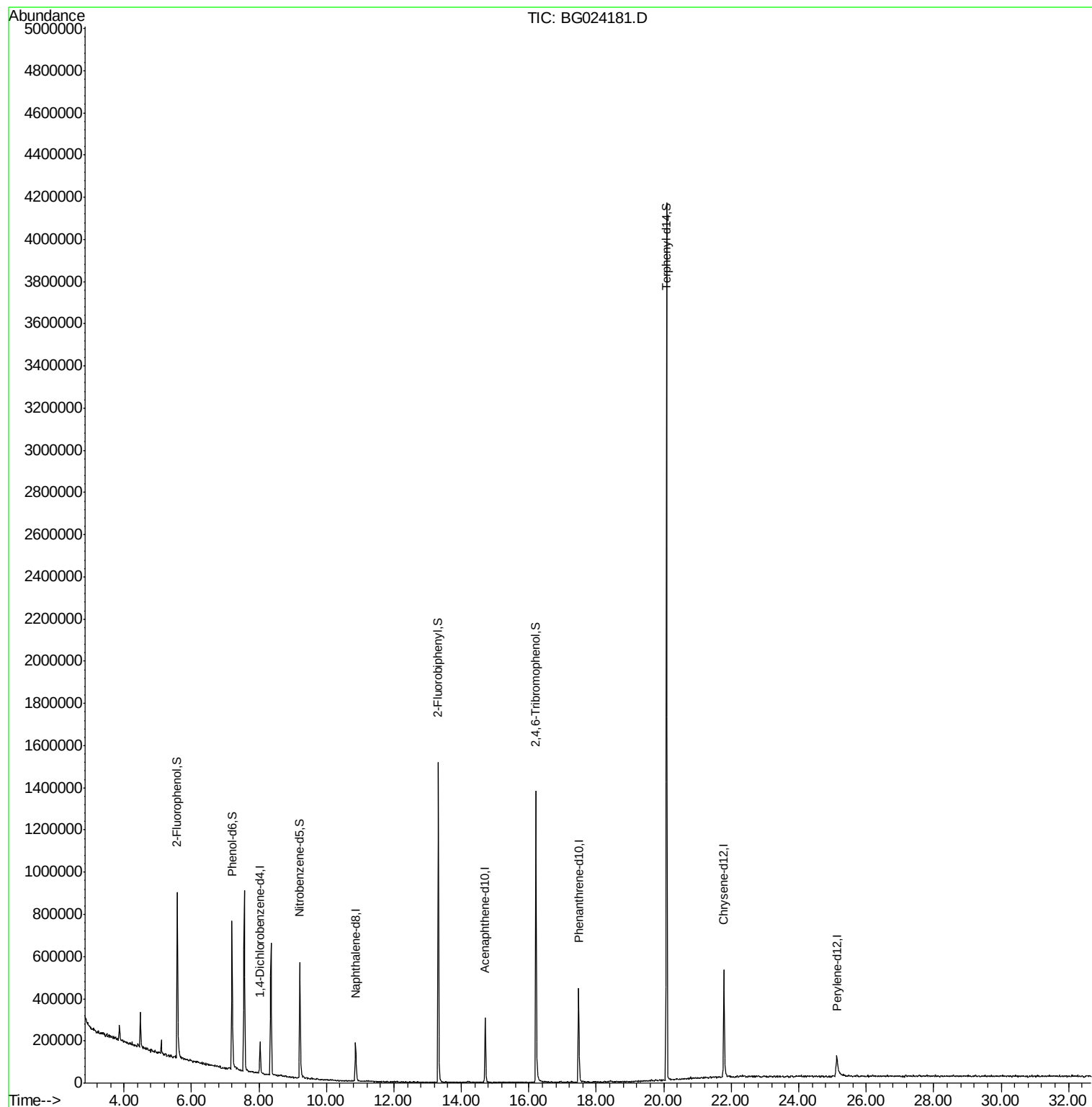
Target Compounds Qvalue

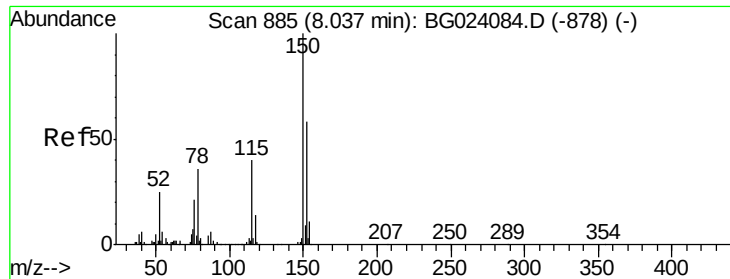
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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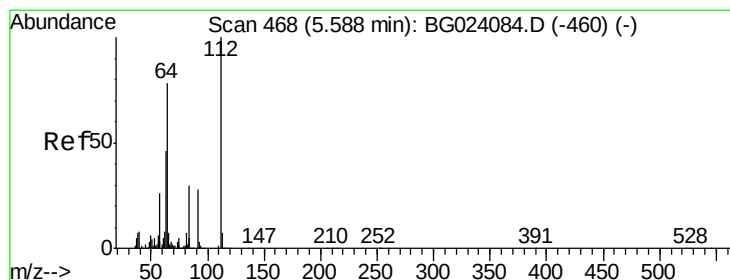
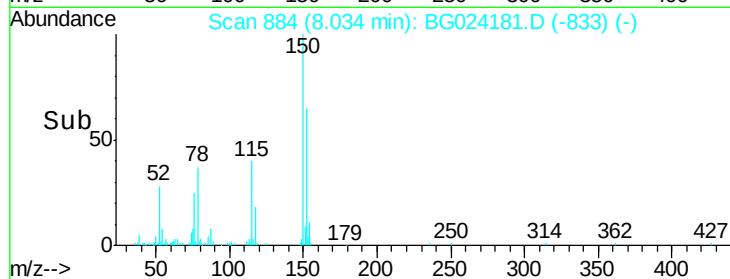
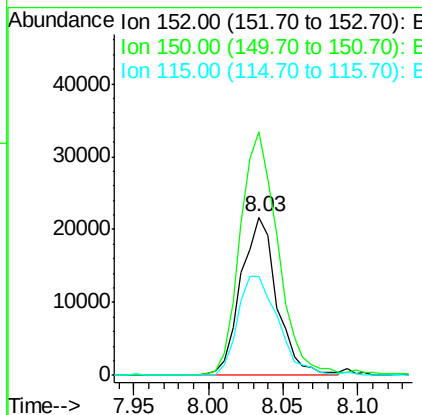
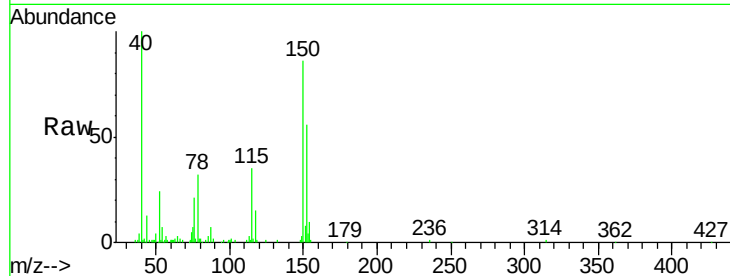


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

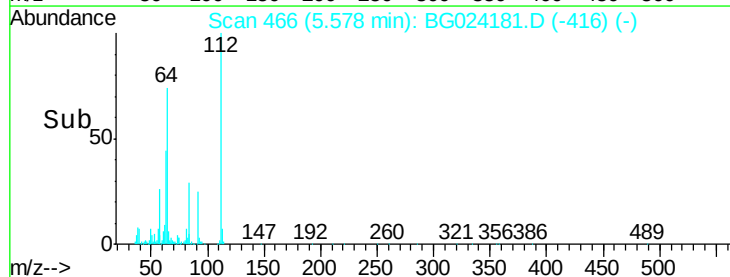
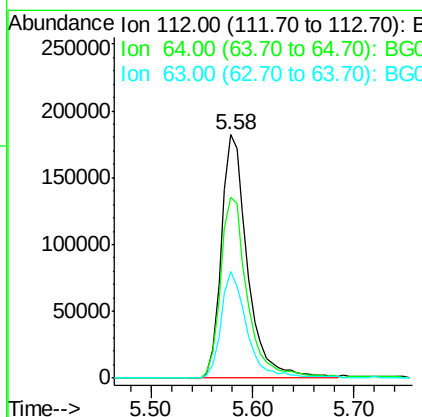
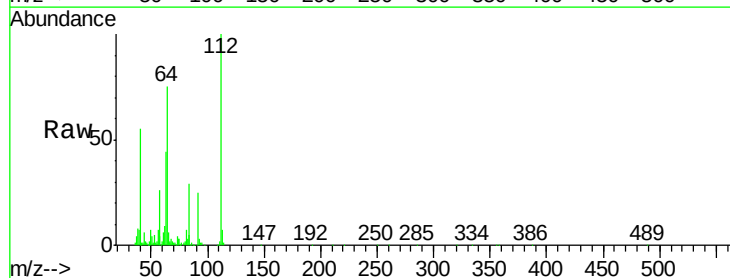
Tot Ion	152	Resp	36367
Ion	Ratio	Lower	Upper
152	100		
150	154.2	144.7	217.1
115	62.3	64.0	96.0#

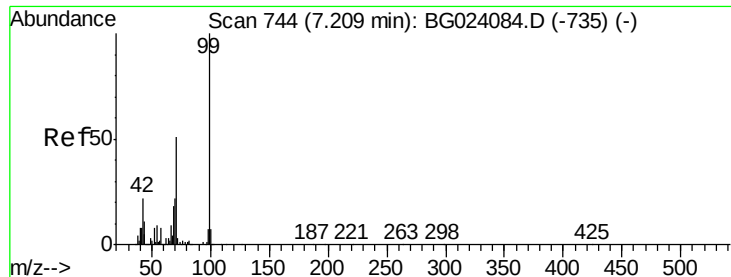


#5

2-Fluorophenol
Concen: 155.23 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion	112	Resp	325857
Ion	Ratio	Lower	Upper
112	100		
64	74.5	59.0	88.4
63	43.6	37.8	56.8





#7

Phenol-d6

Concen: 120.16 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG024181.D

Acq: 1 Oct 2016 5:07

Instrument :

BNA_G

ClientSampleId :

WC-AREA-CD-09272016

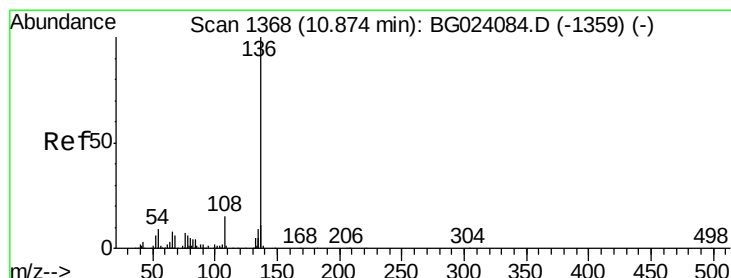
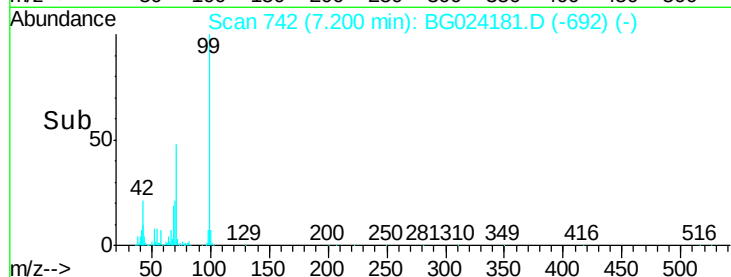
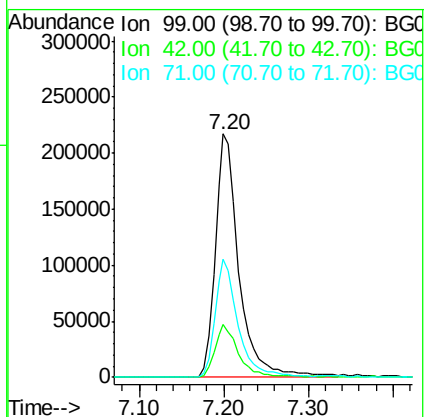
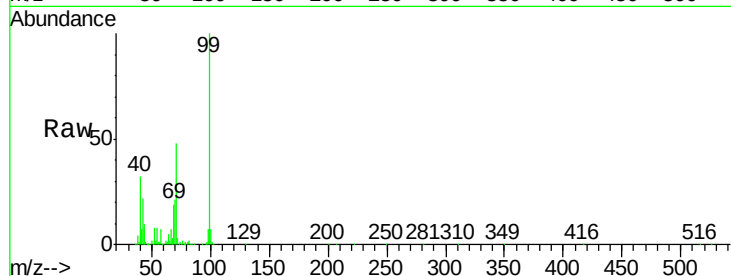
Tot Ion: 99 Resp: 424430

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.8	26.6
71	48.4	41.5	62.3

99 100

42 21.5 17.8 26.6

71 48.4 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BG024181.D

Acq: 1 Oct 2016 5:07

Tgt Ion: 136 Resp: 155115

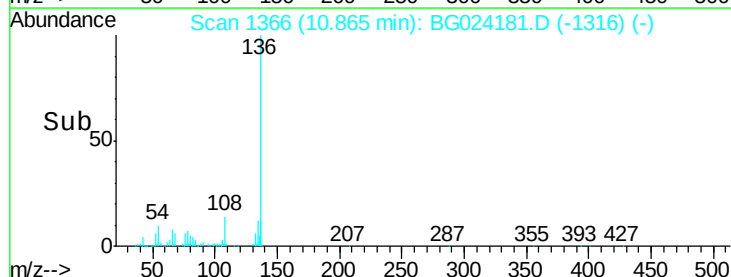
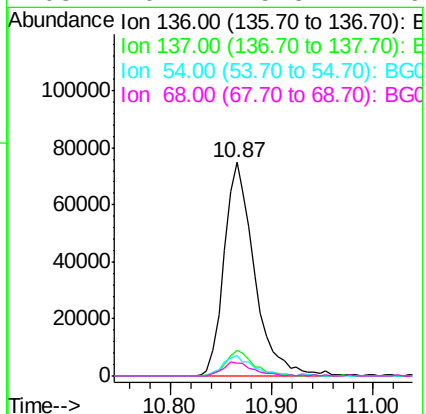
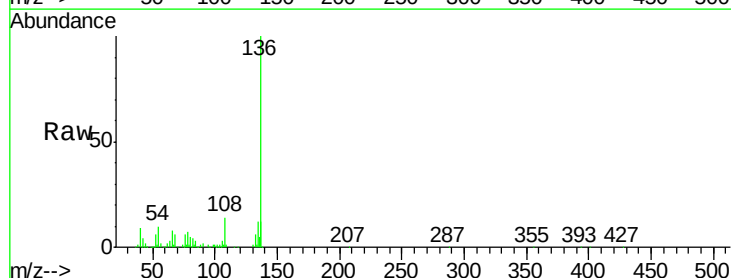
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.5	7.3	10.9
68	6.2	5.3	7.9

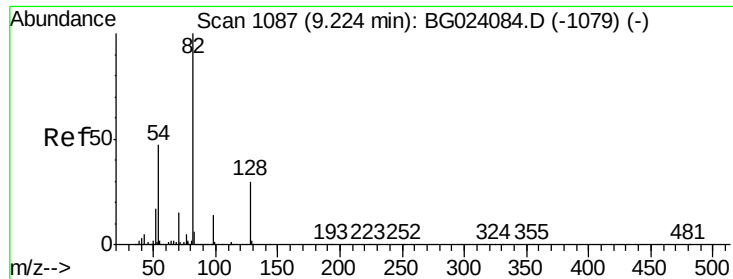
136 100

137 11.8 9.6 14.4

54 9.5 7.3 10.9

68 6.2 5.3 7.9

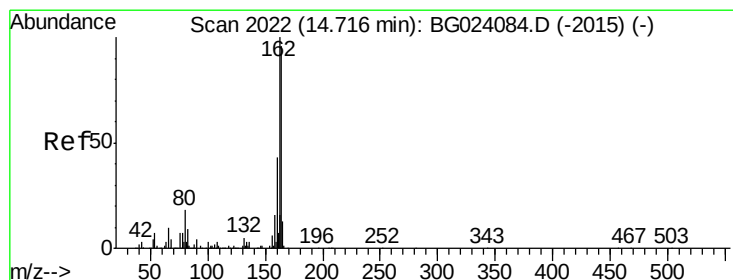
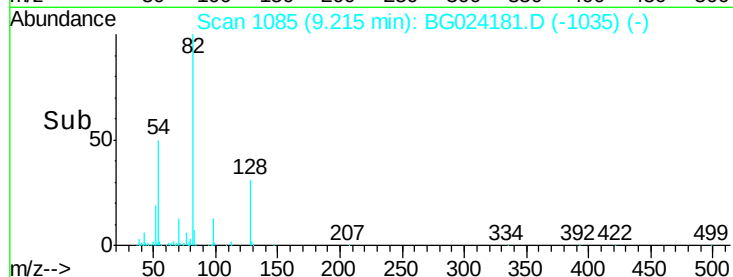
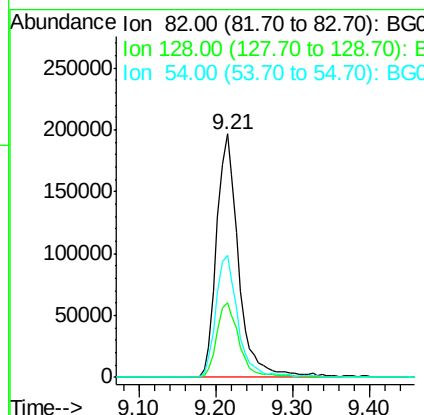
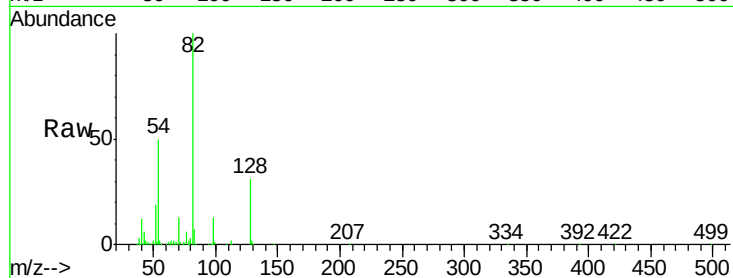




#23
 Nitrobenzene-d5
 Concen: 98.65 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024181.D
 Acq: 1 Oct 2016 5:07

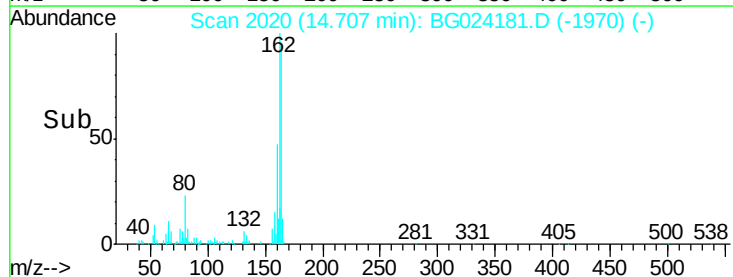
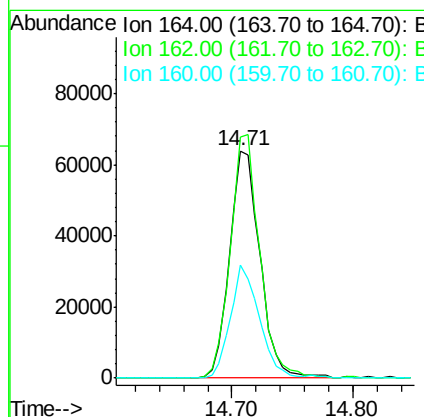
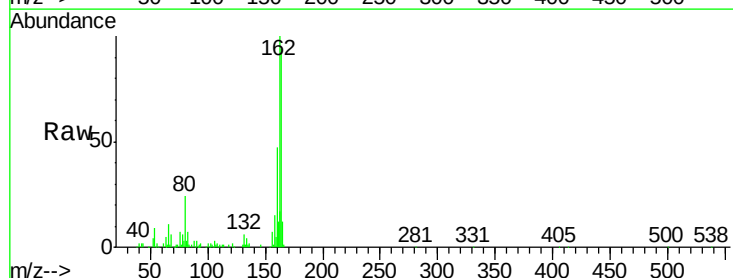
Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-CD-09272016

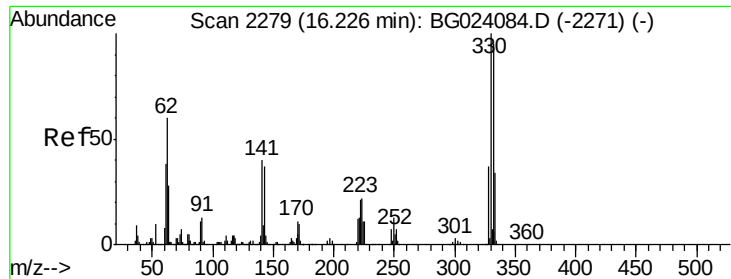
Tot Ion	82	Resp	388267
Ion	Ratio	Lower	Upper
82	100		
128	30.9	24.4	36.6
54	50.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG024181.D
 Acq: 1 Oct 2016 5:07

Tgt Ion	164	Resp	111712
Ion	Ratio	Lower	Upper
164	100		
162	105.8	87.7	131.5
160	49.9	37.2	55.8

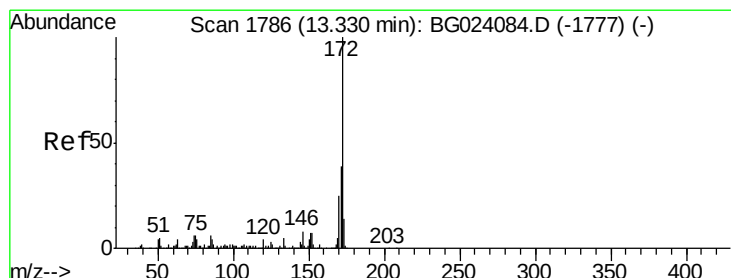
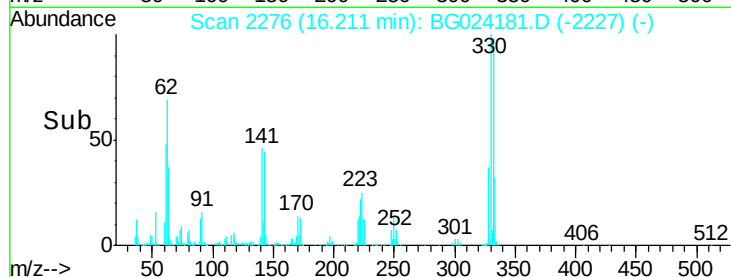
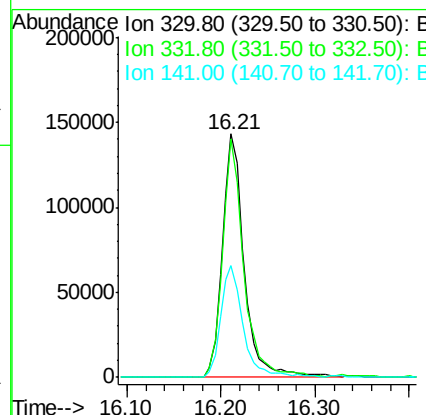
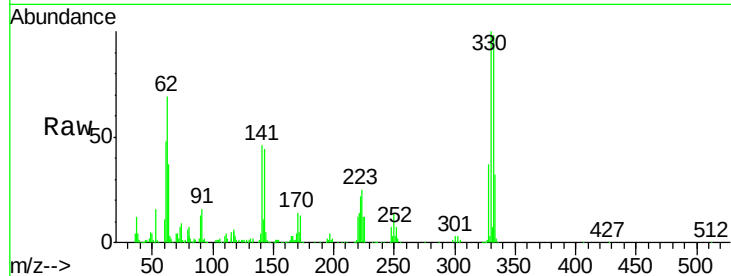




#41
 2,4,6-Tribromophenol
 Concen: 144.37 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG024181.D
 Acq: 1 Oct 2016 5:07

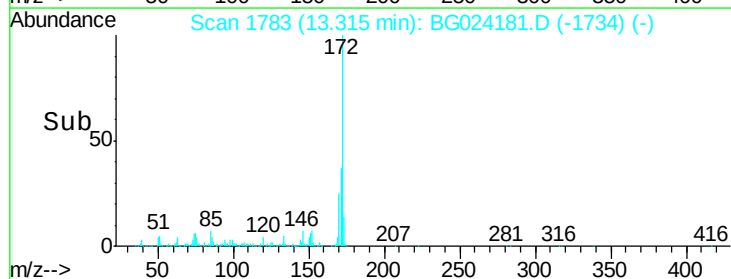
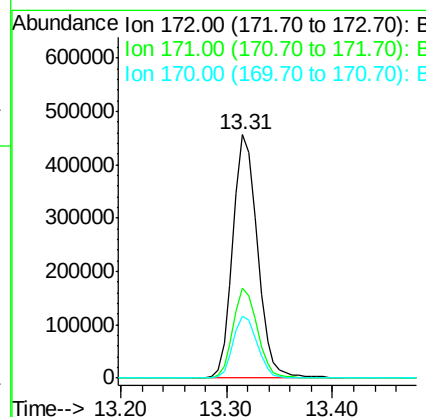
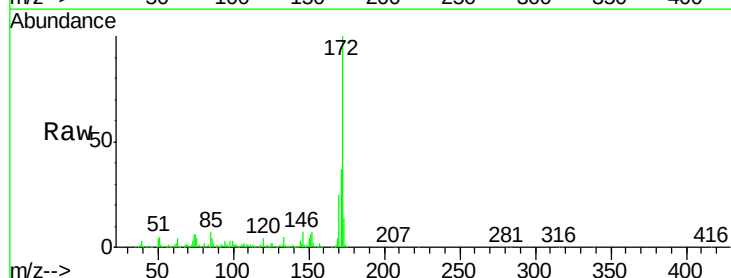
Instrument :
 BNA_G
 ClientSampleId :
 WC-AREA-CD-09272016

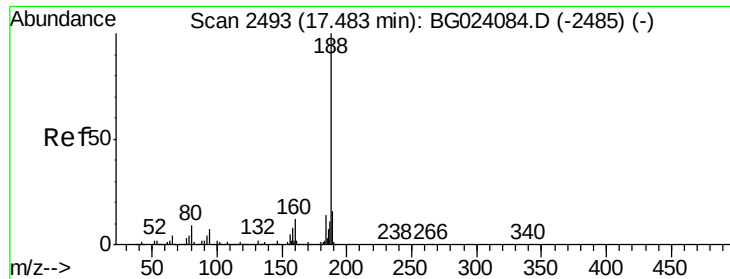
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	47.2	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 110.73 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG024181.D
 Acq: 1 Oct 2016 5:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.6	47.4
170	25.5	21.3	31.9

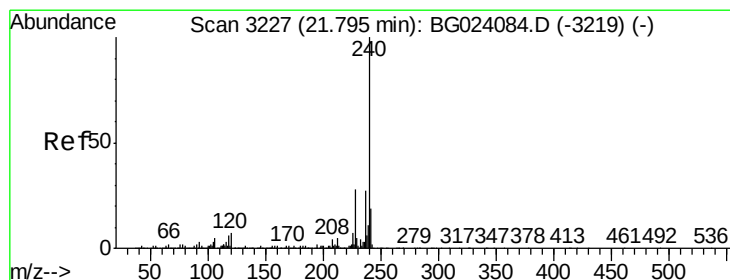
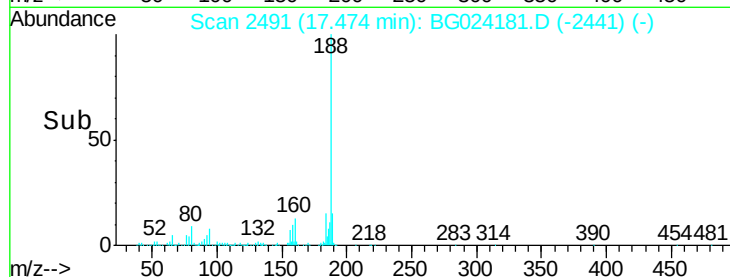
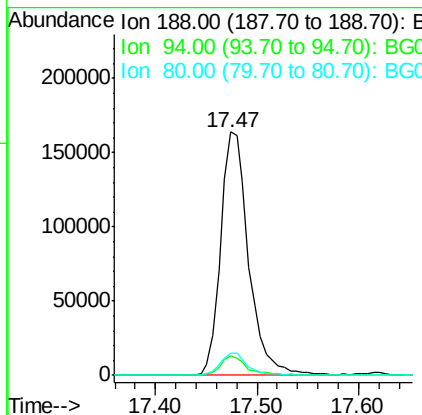
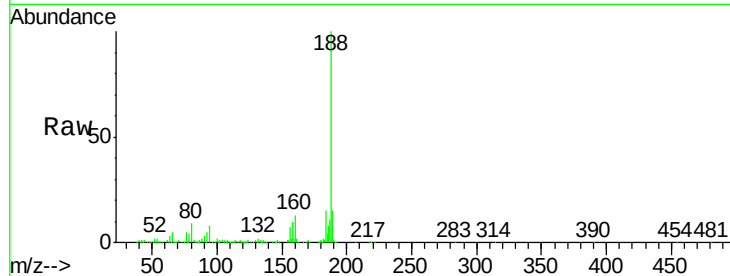




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

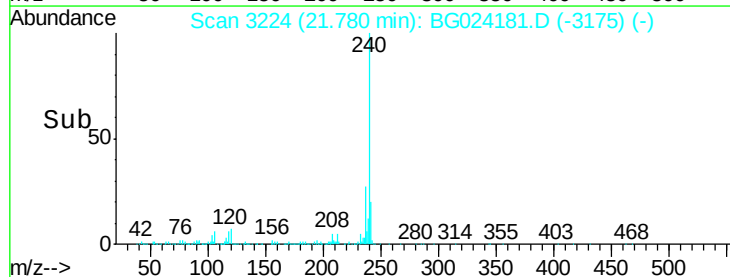
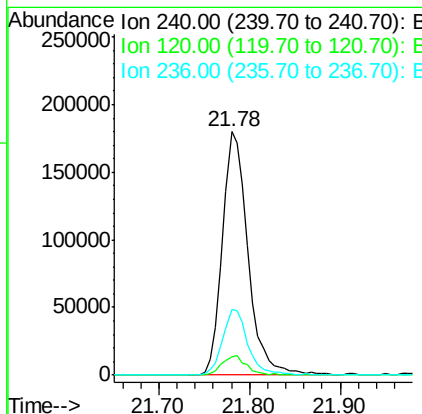
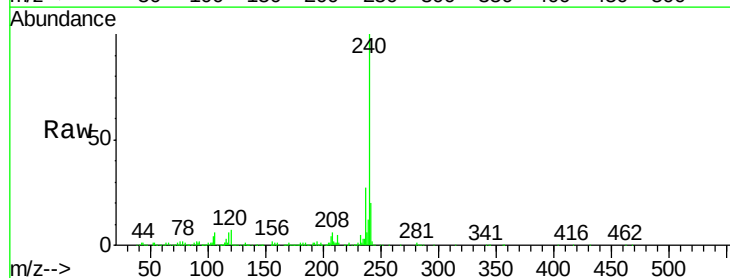
Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

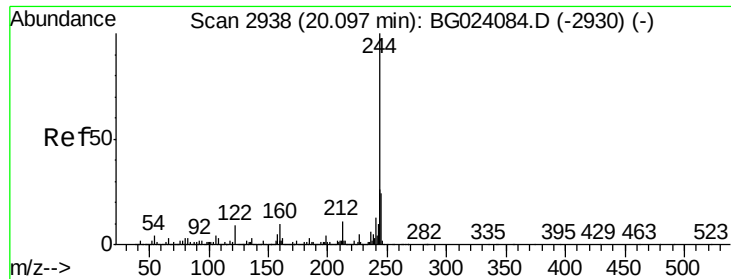
Tot Ion:188 Resp: 314108
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 8.9 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.02 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:240 Resp: 352634
Ion Ratio Lower Upper
240 100
120 7.5 4.1 6.1#
236 27.0 21.1 31.7





#78

Terphenyl-d14

Concen: 92.16 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024181.D

Acq: 1 Oct 2016 5:07

Instrument :

BNA_G

ClientSampleId :

WC-AREA-CD-09272016

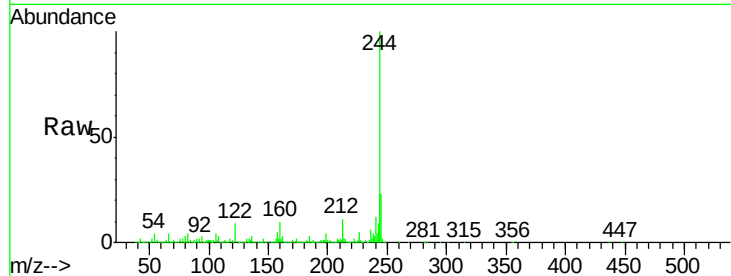
Tot Ion:244 Resp: 1587161

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

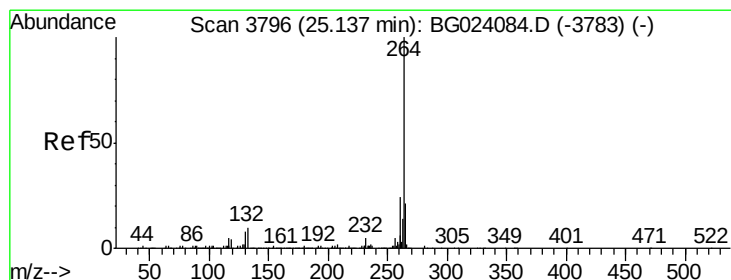
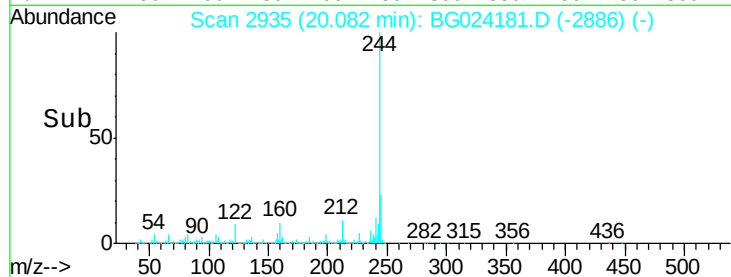
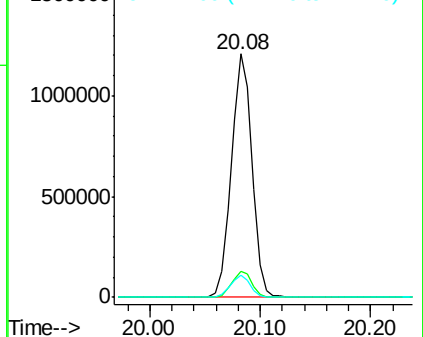
122 9.0 8.0 12.0



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: 25.13 min Scan# 3795

Delta R.T. -0.00 min

Lab File: BG024181.D

Acq: 1 Oct 2016 5:07

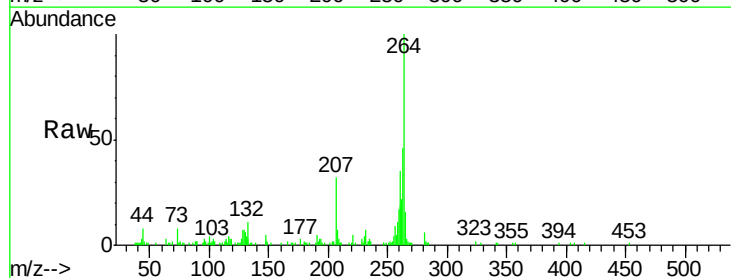
Tgt Ion:264 Resp: 70736

Ion Ratio Lower Upper

264 100

260 34.6 18.4 27.6#

265 15.5 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

