

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
 Data File : BG024161.D
 Acq On : 30 Sep 2016 16:10
 Operator : UM/SJ
 Sample : H5018-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-71-092816

Quant Time: Sep 30 17:50:35 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

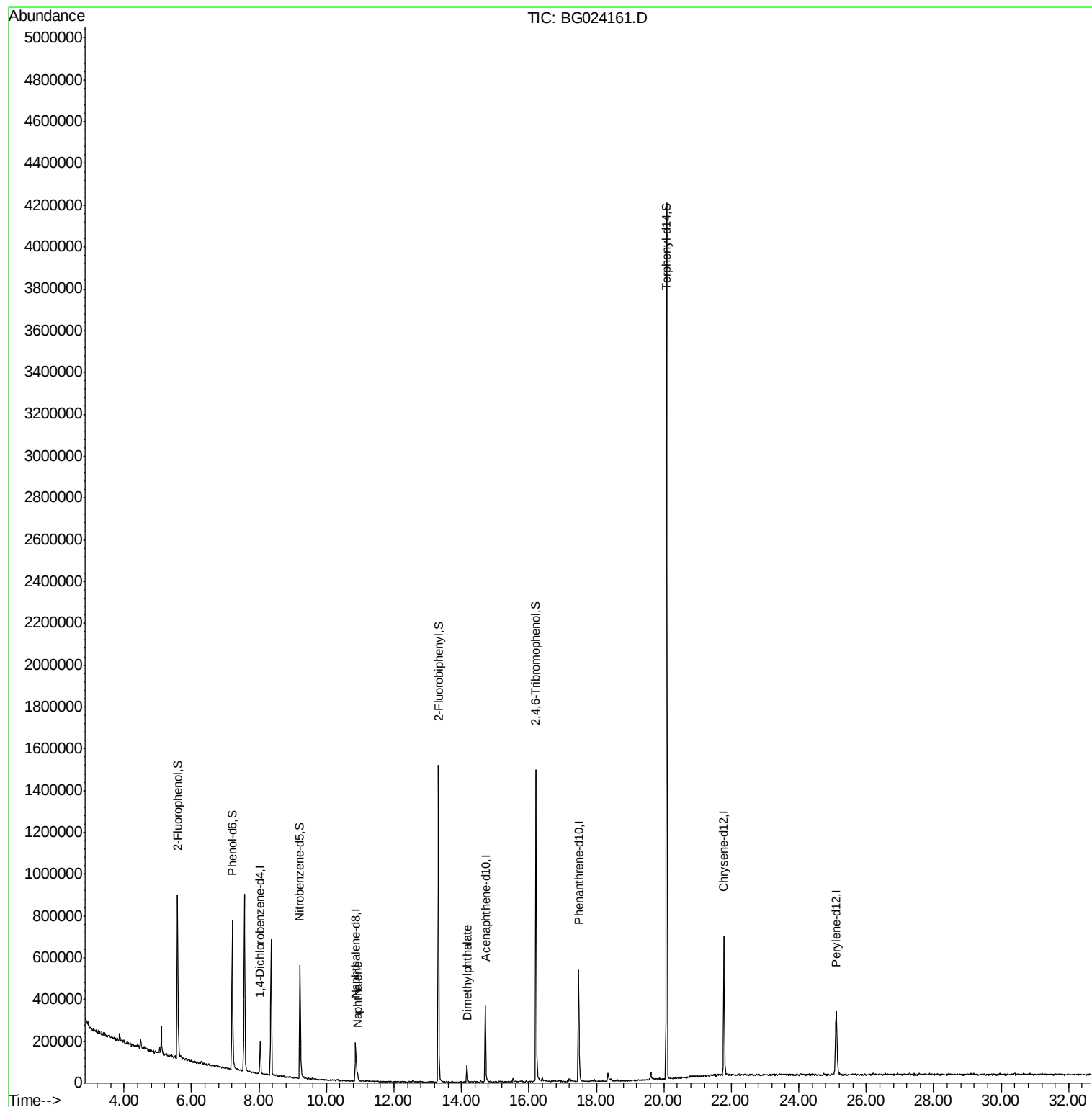
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37408	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	164071	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	130891	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	352271	20.00	ng	0.00
75) Chrysene-d12	21.78	240	446626	20.00	ng	-0.02
86) Perylene-d12	25.11	264	317327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	324407	150.24	ng	0.00
7) Phenol-d6	7.20	99	436101	120.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	380015	91.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	253594	134.79	ng	-0.02
44) 2-Fluorobiphenyl	13.32	172	752655	96.66	ng	-0.01
78) Terphenyl-d14	20.08	244	1690091	77.48	ng	-0.02
Target Compounds						
31) Naphthalene	10.92	128	33041	3.98	ng	Qvalue # 86
49) Dimethylphthalate	14.16	163	57400	5.72	ng	96

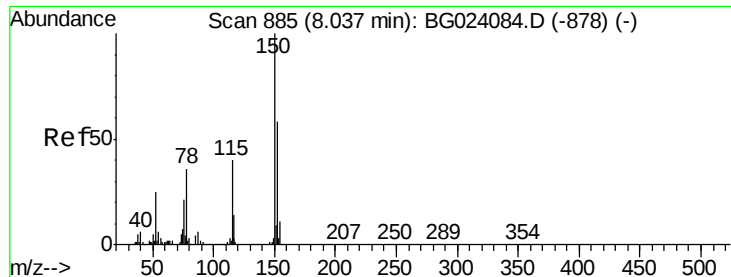
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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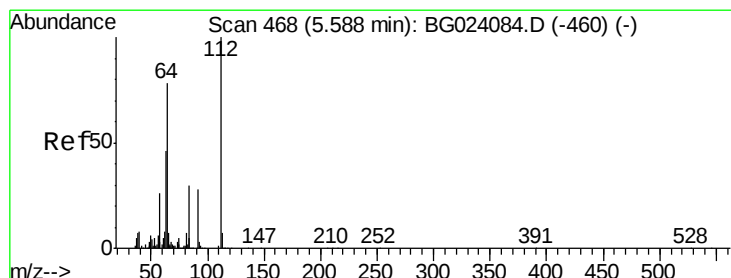
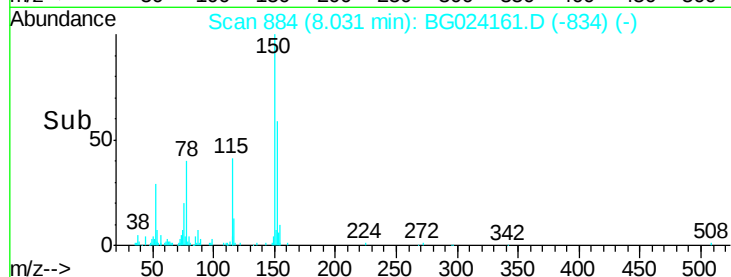
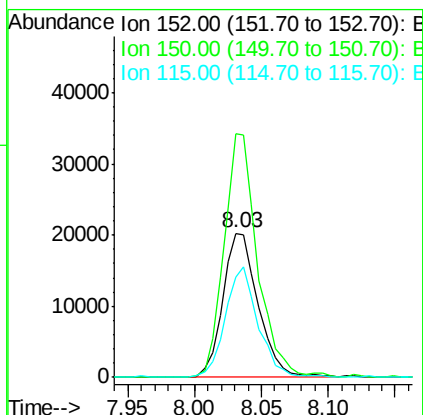
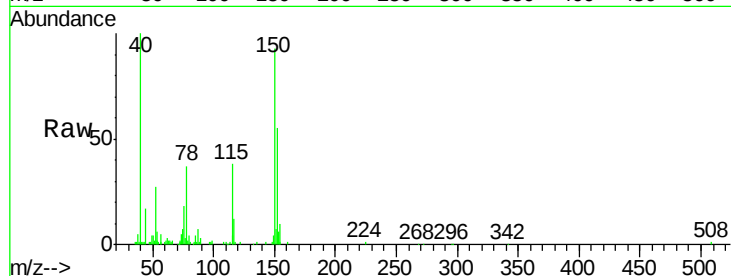


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

Instrument :
BNA_G
ClientSampleId :
HSR-WC-71-092816

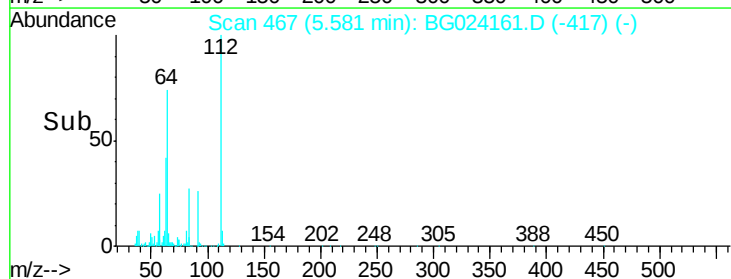
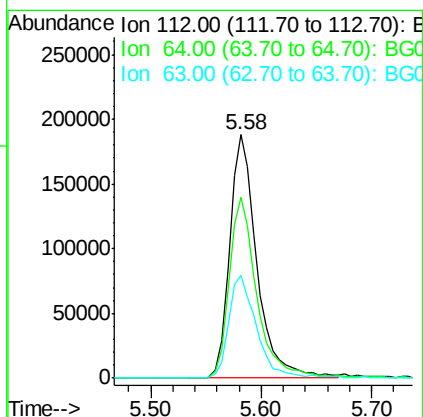
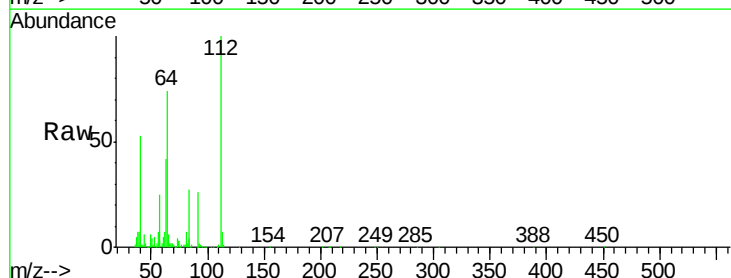
Tot Ion	Ratio	Lower	Upper
152	100		
150	169.1	144.7	217.1
115	69.3	64.0	96.0

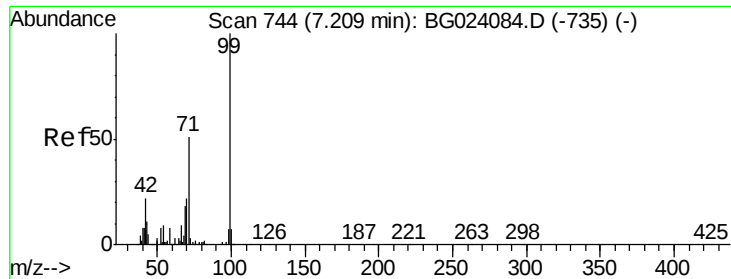


#5

2-Fluorophenol
Concen: 150.24 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.01 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	59.0	88.4
63	42.5	37.8	56.8





#7

Phenol-d6

Concen: 120.03 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024161.D

Acq: 30 Sep 2016 16:10

Instrument :

BNA_G

ClientSampleId :

HSR-WC-71-092816

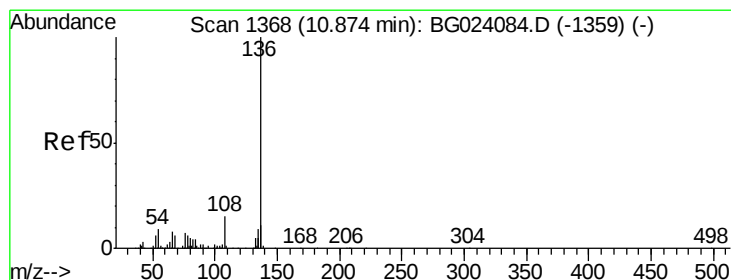
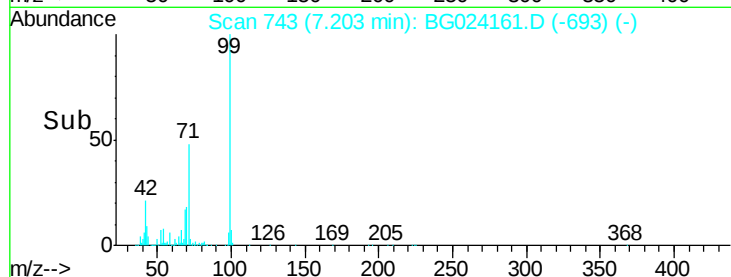
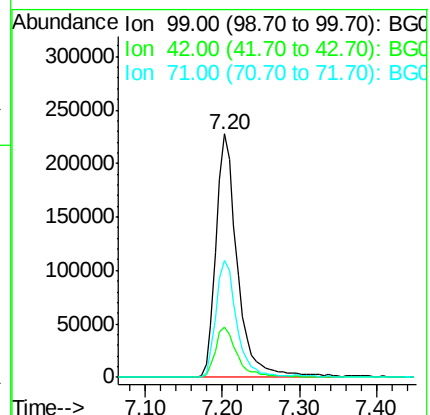
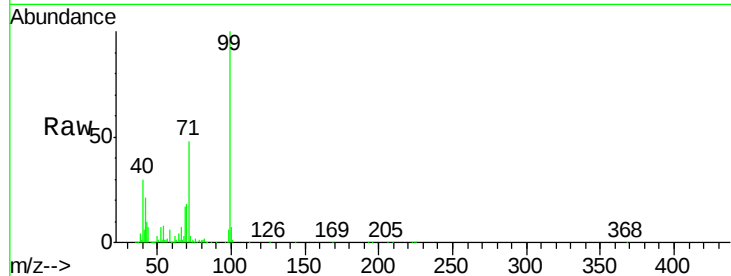
Tot Ion: 99 Resp: 436101

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 47.8 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.86 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BG024161.D

Acq: 30 Sep 2016 16:10

Tgt Ion: 136 Resp: 164071

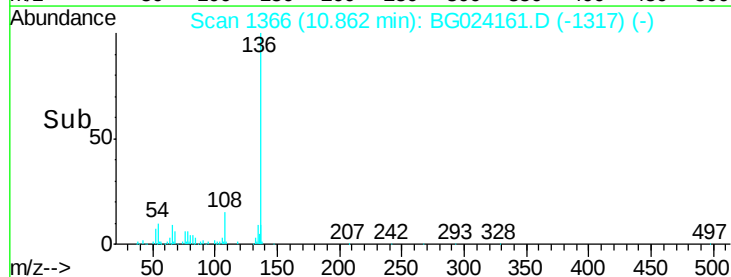
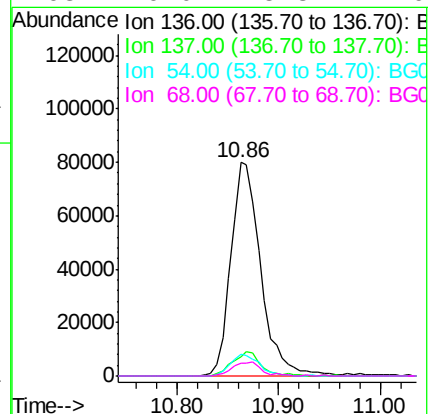
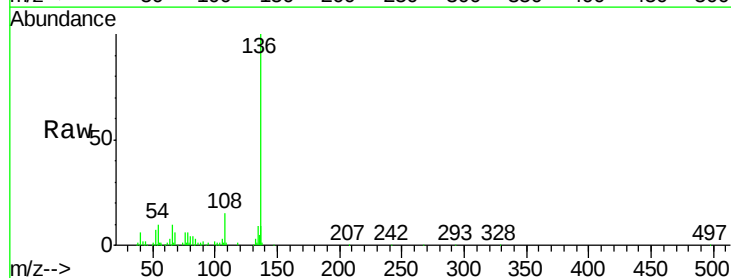
Ion Ratio Lower Upper

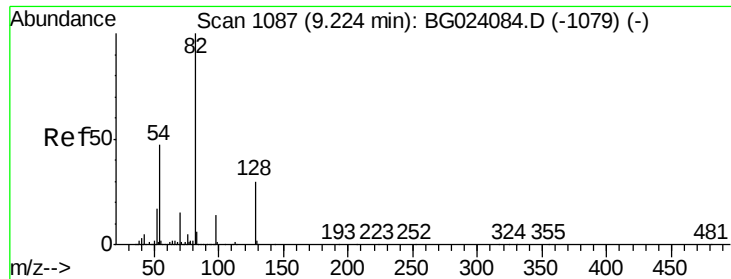
136 100

137 9.1 9.6 14.4#

54 10.1 7.3 10.9

68 6.0 5.3 7.9

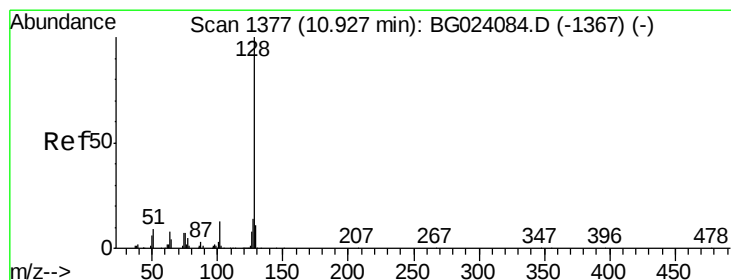
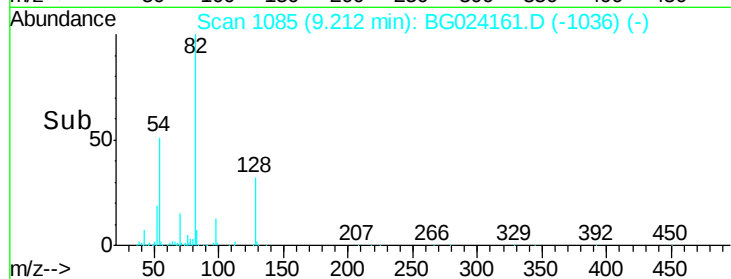
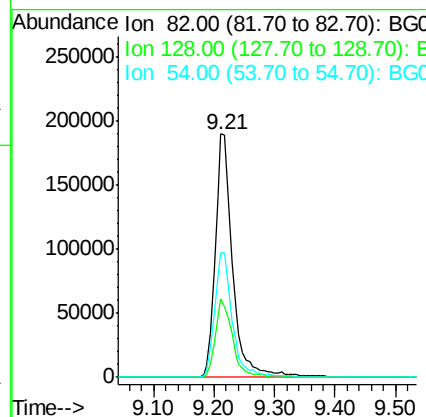
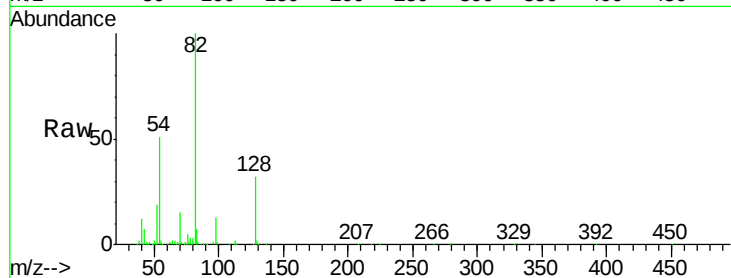




#23
 Nitrobenzene-d5
 Concen: 91.29 ng
 RT: 9.21 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BG024161.D
 Acq: 30 Sep 2016 16:10

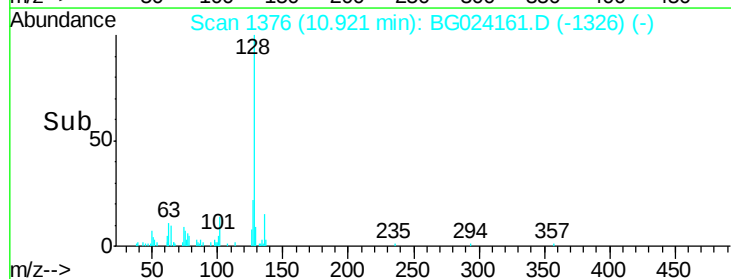
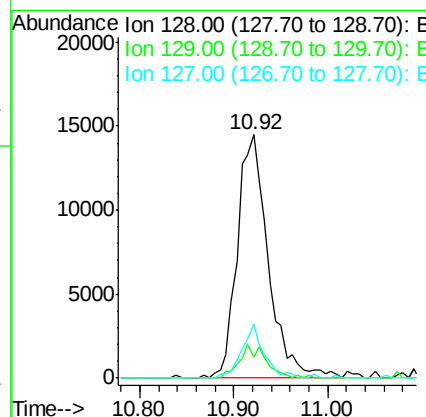
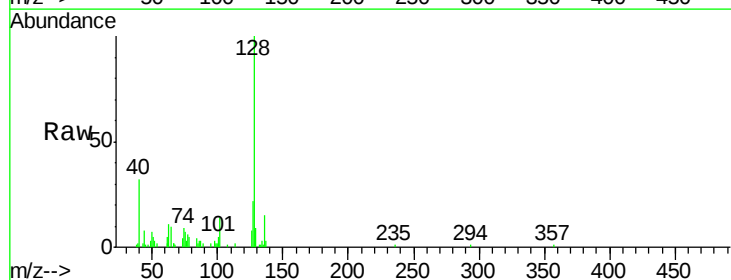
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-71-092816

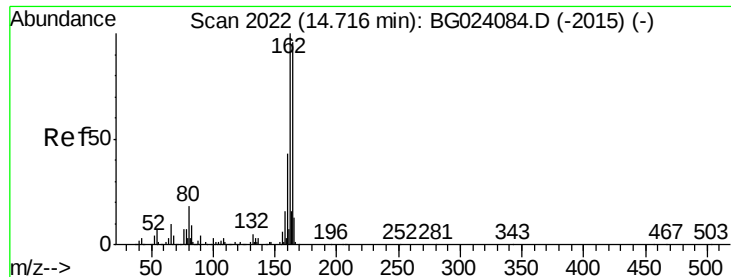
Tot Ion	82	Resp	380015
Ion Ratio	Lower	Upper	
82	100		
128	32.5	24.4	36.6
54	51.3	41.4	62.0



#31
 Naphthalene
 Concen: 3.98 ng
 RT: 10.92 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BG024161.D
 Acq: 30 Sep 2016 16:10

Tgt Ion	128	Resp	33041
Ion Ratio	Lower	Upper	
128	100		
129	8.7	9.4	14.0#
127	22.2	11.3	16.9#

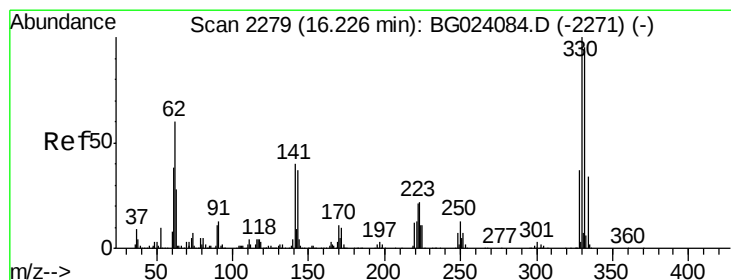
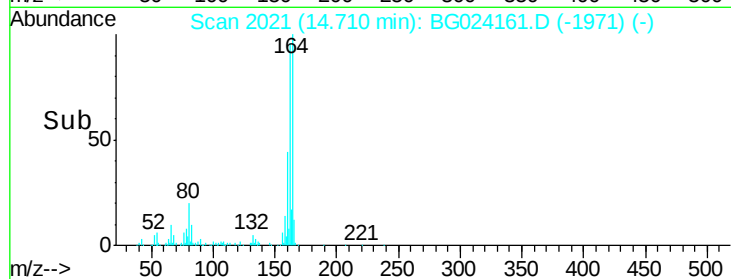
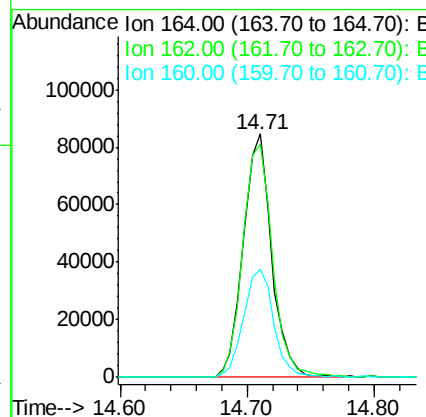
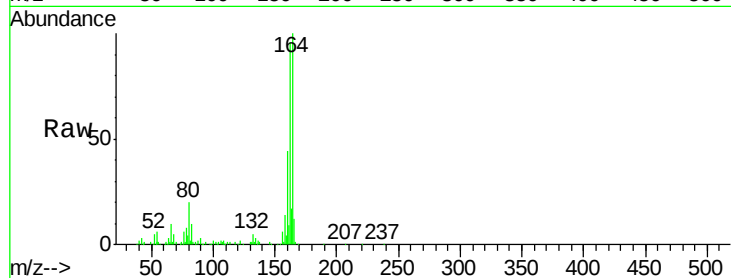




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

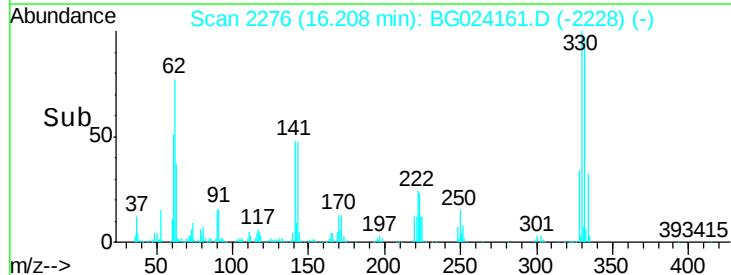
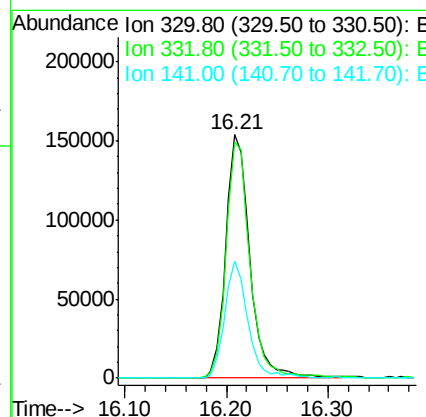
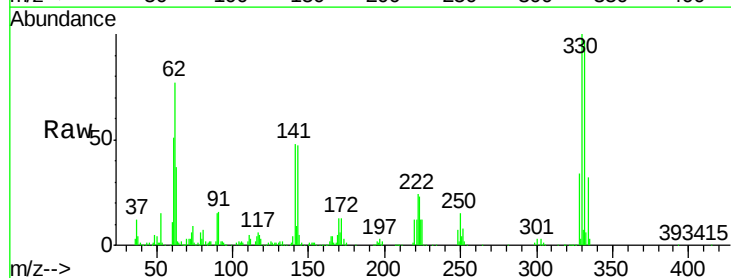
Instrument :
BNA_G
ClientSampleId :
HSR-WC-71-092816

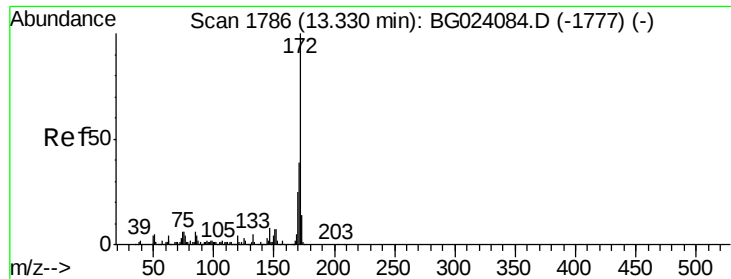
Tot Ion	Ratio	Lower	Upper
164	100		
162	95.8	87.7	131.5
160	44.3	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 134.79 ng
RT: 16.21 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	46.4	31.7	47.5

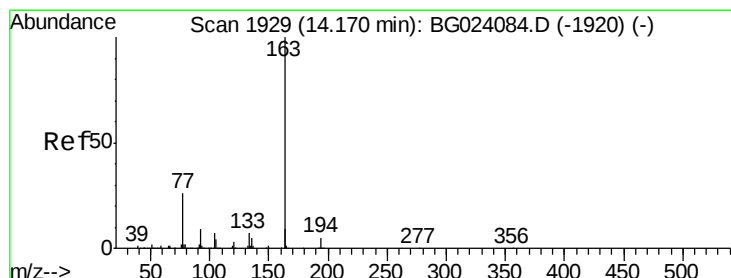
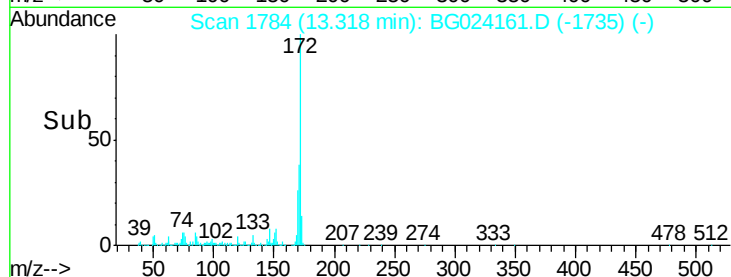
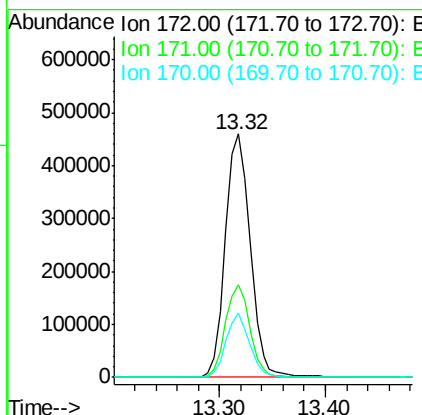
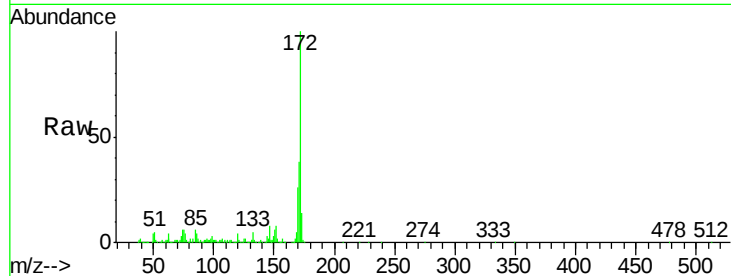




#44
2-Fluorobiphenyl
Concen: 96.66 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

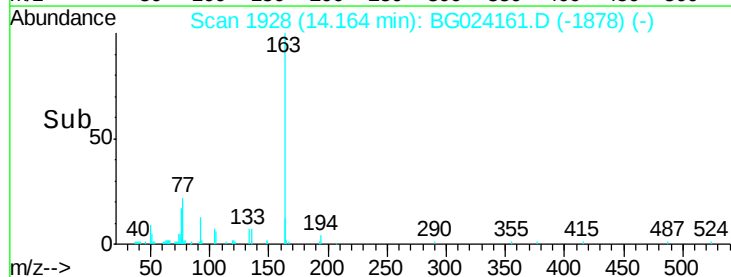
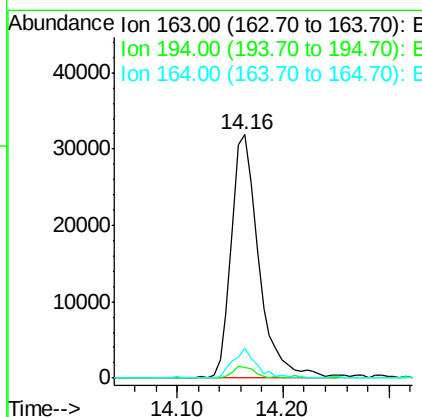
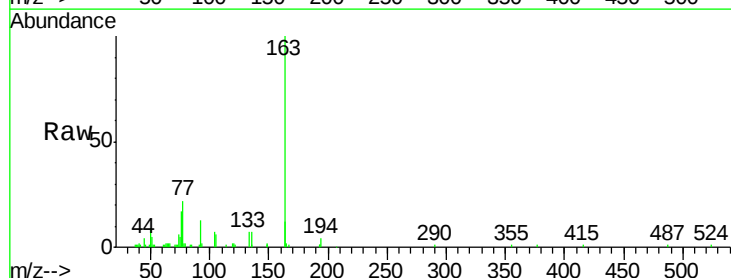
Instrument :
BNA_G
ClientSampleId :
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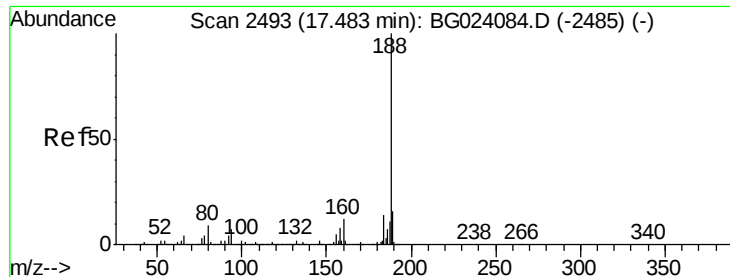
Tot Ion:172 Resp: 752655
Ion Ratio Lower Upper
172 100
171 38.2 31.6 47.4
170 26.3 21.3 31.9



#49
Dimethylphthalate
Concen: 5.72 ng
RT: 14.16 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

Tgt Ion:163 Resp: 57400
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 12.1 8.1 12.1

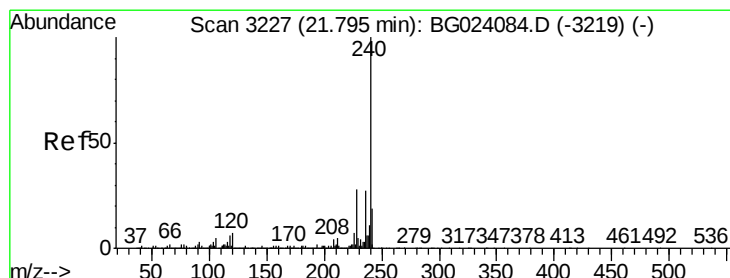
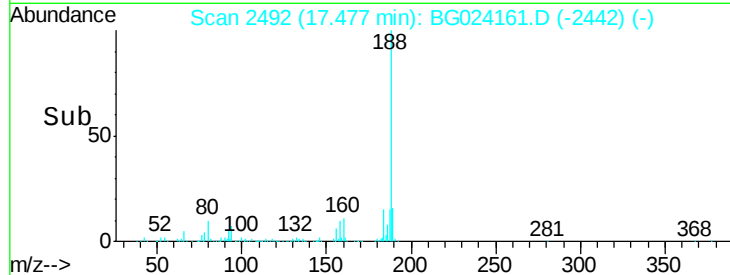
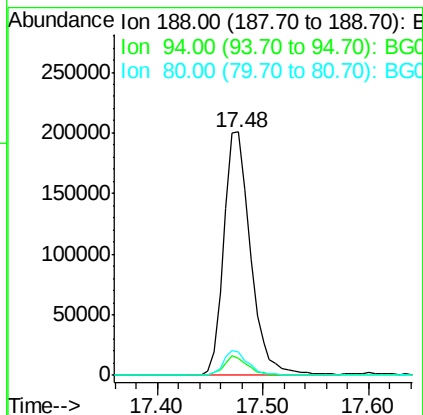
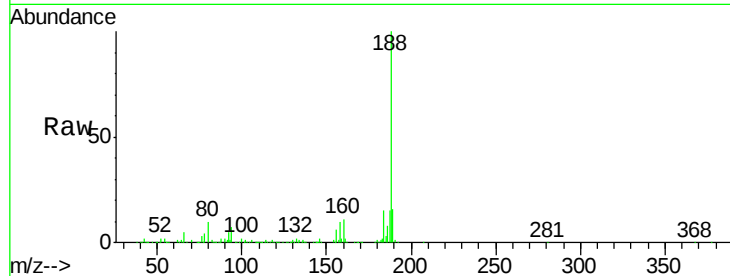




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

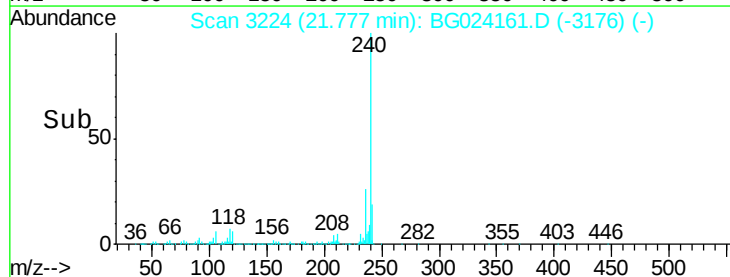
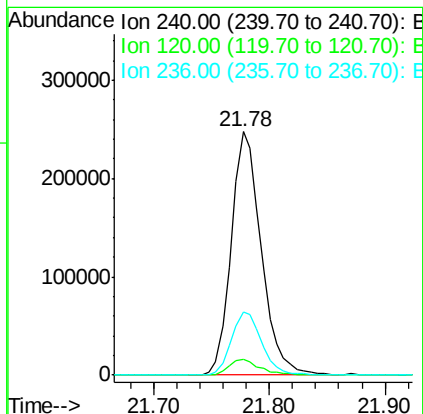
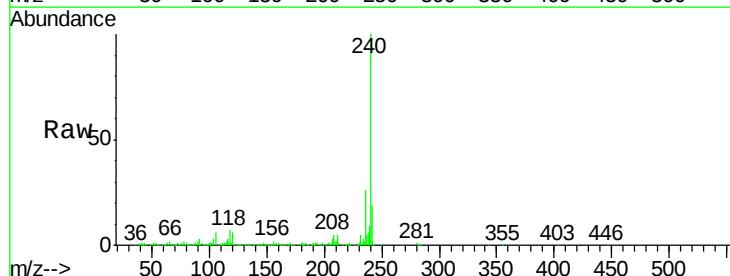
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HSR-WC-71-092816

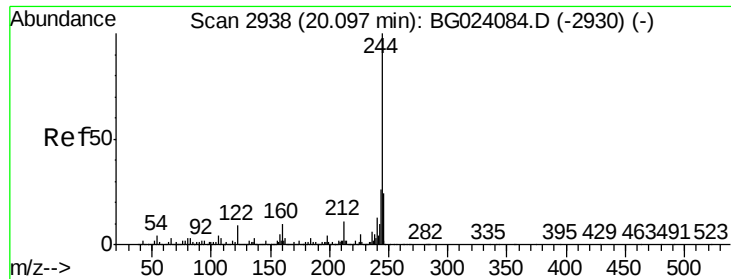
Tot Ion:188 Resp: 352271
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.6 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.02 min
Lab File: BG024161.D
Acq: 30 Sep 2016 16:10

Tgt Ion:240 Resp: 446626
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 26.1 21.1 31.7





#78

Terphenyl-d14

Concen: 77.48 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024161.D

Acq: 30 Sep 2016 16:10

Instrument :

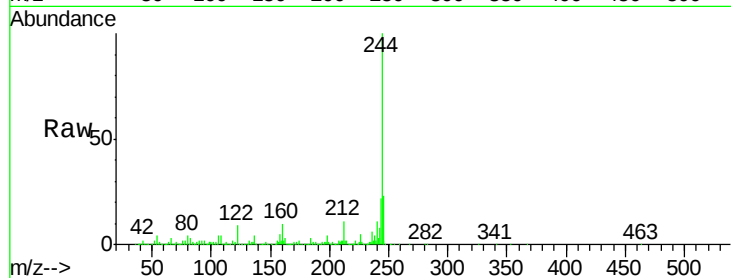
BNA_G

ClientSampleId :

HSR-WC-71-092816

Tot Ion:244 Resp: 1690091

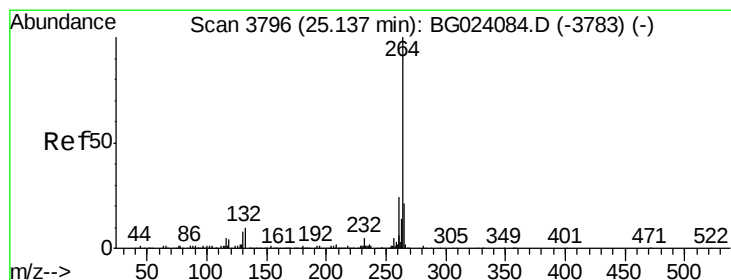
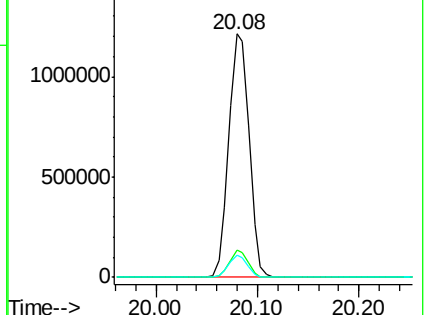
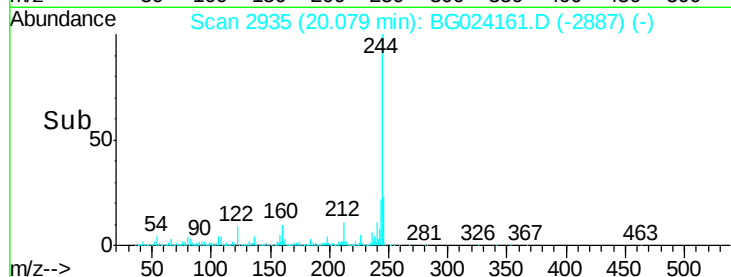
Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.8	16.2
122	9.0	8.0	12.0



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: 25.11 min Scan# 3792

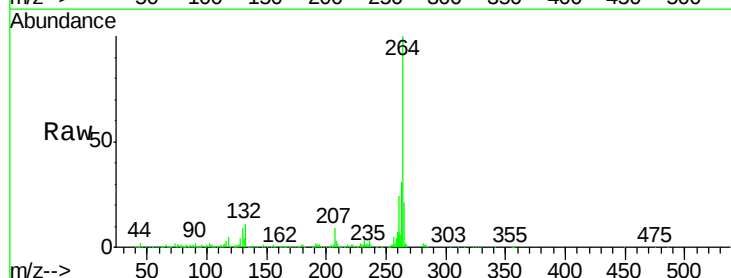
Delta R.T. -0.02 min

Lab File: BG024161.D

Acq: 30 Sep 2016 16:10

Tgt Ion:264 Resp: 317327

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	20.9	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

