

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016960.D
 Acq On : 8 May 2015 17:09
 Operator : TP/IZ
 Sample : G2038-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL

Manual Integrations
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Quant Time: May 09 00:43:52 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 23:46:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	56115	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	280865	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	184580	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	415618	20.00	ng	0.00
75) Chrysene-d12	21.35	240	401100	20.00	ng	-0.01
86) Perylene-d12	23.65	264	396021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	49822	15.46	ng	0.00
7) Phenol-d6	6.95	99	52635	11.43	ng	-0.01
23) Nitrobenzene-d5	8.95	82	119491	20.78	ng	0.00
41) 2,4,6-Tribromophenol	15.91	330	66603	35.94	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	265506	21.71	ng	0.00
78) Terphenyl-d14	19.80	244	387379	22.64	ng	-0.01
Target Compounds						
22) Acetophenone	8.61	105	48864	7.30	ng	Qvalue # 93
27) 2,4-Dimethylphenol	9.77	122	26674m	6.23	ng	
31) Naphthalene	10.67	128	8293103	593.65	ng	# 16
37) 2-Methylnaphthalene	12.25	142	643108	60.44	ng	97
45) 1,1'-Biphenyl	13.26	154	121045	9.16	ng	98
48) Acenaphthylene	14.15	152	72191	3.96	ng	97
51) Acenaphthene	14.49	154	234211	21.59	ng	97
54) Dibenzofuran	14.83	168	164650	10.69	ng	93
57) Fluorene	15.48	166	137178	10.06	ng	99
70) Phenanthrene	17.22	178	233442	10.91	ng	97
72) Carbazole	17.58	167	508183	24.77	ng	98

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

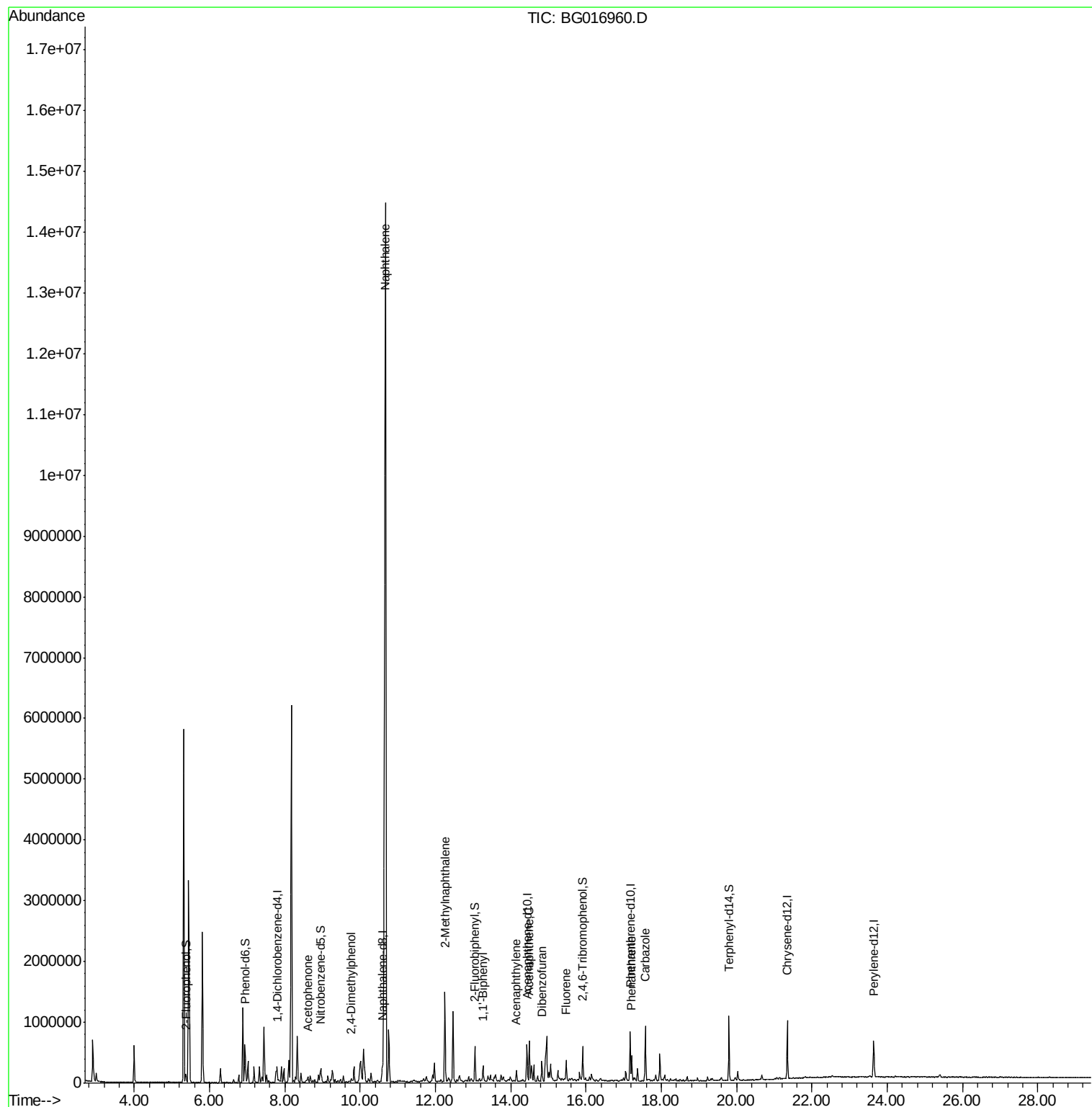
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016960.D
Acq On : 8 May 2015 17:09
Operator : TP/IZ
Sample : G2038-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

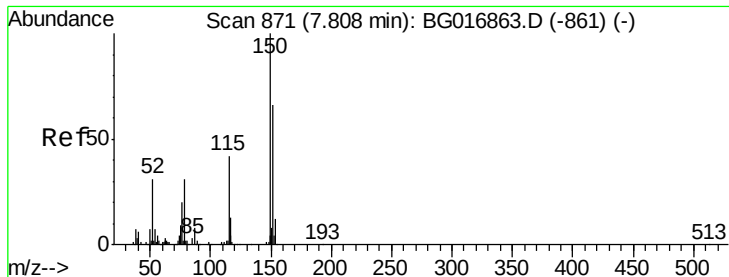
Instrument :
BNA_G
ClientSampleId :
DBMW-01DL

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Quant Time: May 09 00:43:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

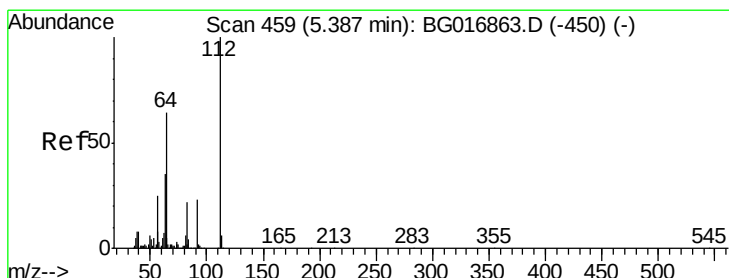
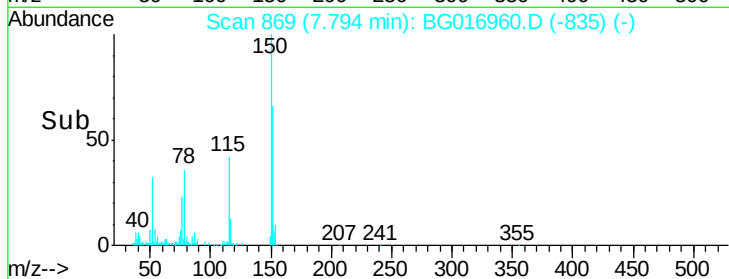
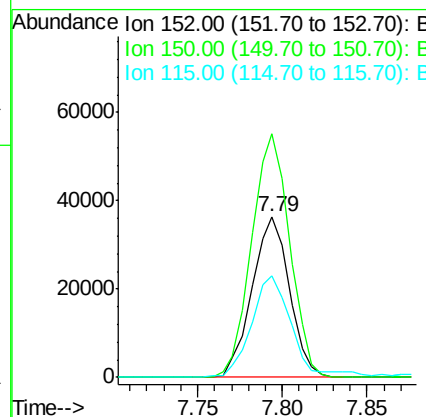
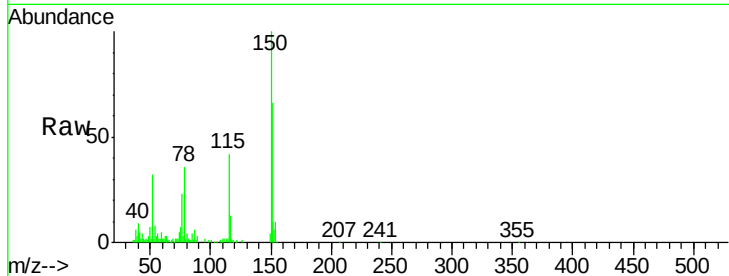
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016960.D
Acq: 8 May 2015 17:09

Instrument :
BNA_G
ClientSampleId :
DBMW-01DL

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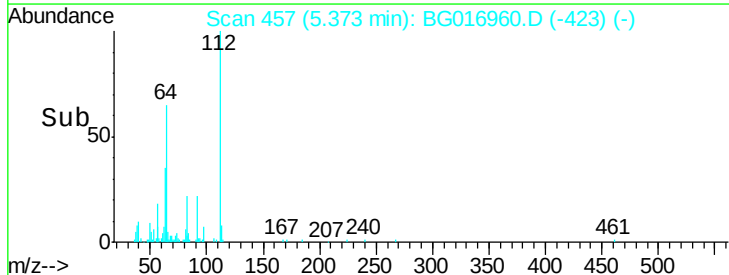
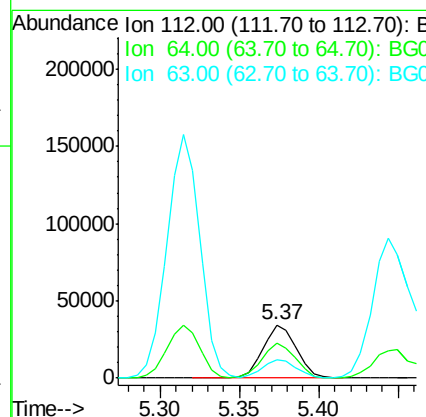
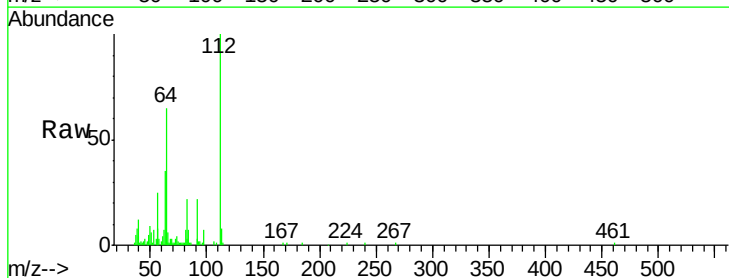
Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.0	181.4
115	63.2	50.5	75.7

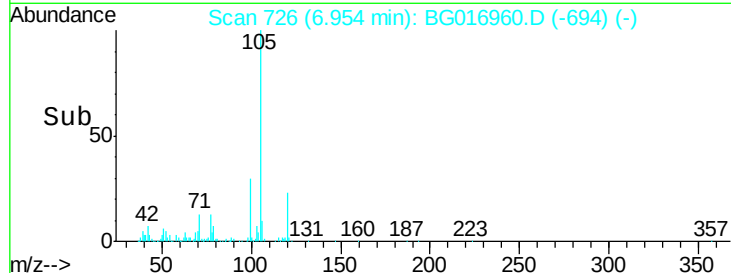
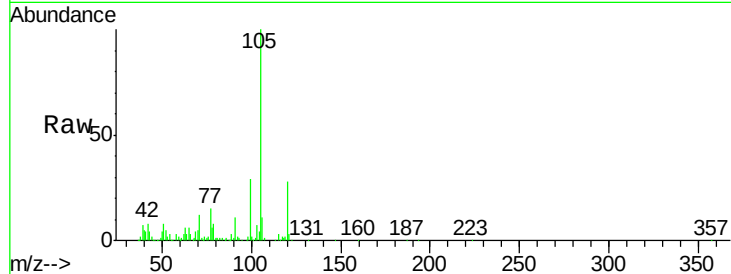
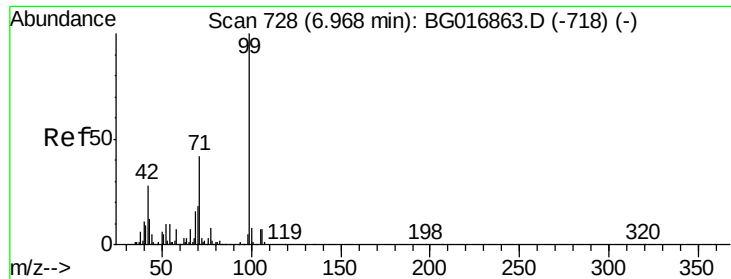


#5

2-Fluorophenol
Concen: 15.46 ng
RT: 5.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016960.D
Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.4	77.2
63	34.8	28.1	42.1





#7

Phenol-d6

Concen: 11.43 ng

RT: 6.95 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	52635		
42	25.6	22.1	33.1	
71	42.4	33.4	50.0	

Instrument :

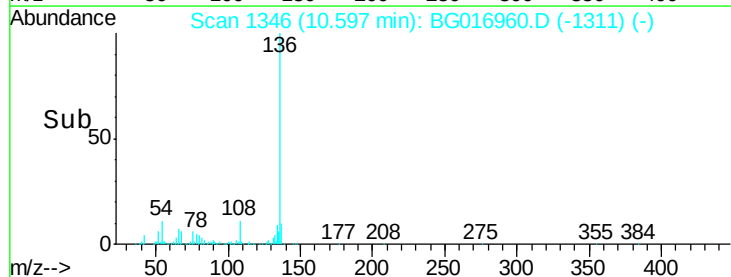
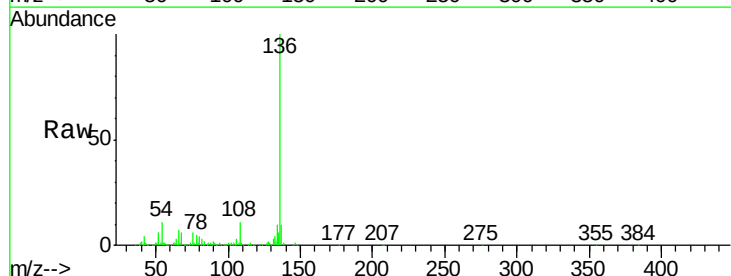
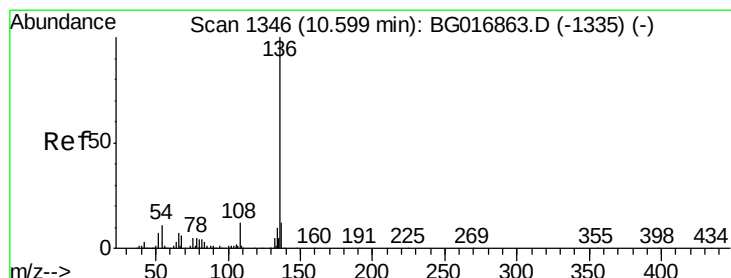
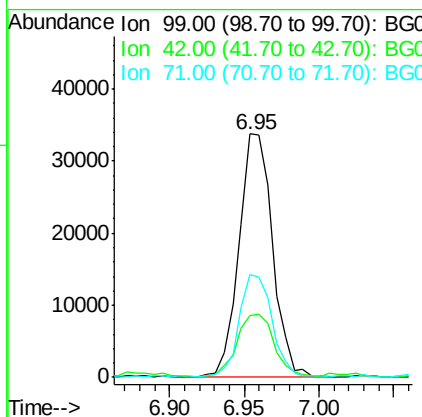
BNA_G

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

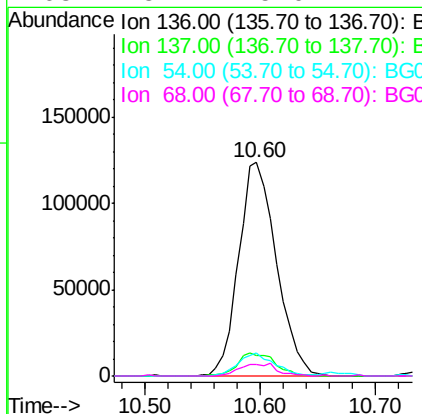
RT: 10.60 min Scan# 1346

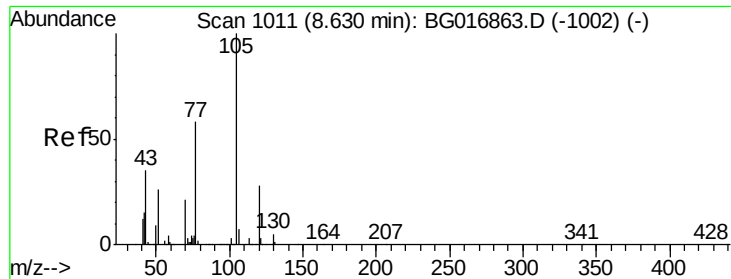
Delta R.T. 0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	280865		
137	9.6	9.8	14.8#	
54	10.8	8.7	13.1	
68	5.7	5.0	7.4	





#22

Acetophenone

Concen: 7.30 ng

RT: 8.61 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG016960.D

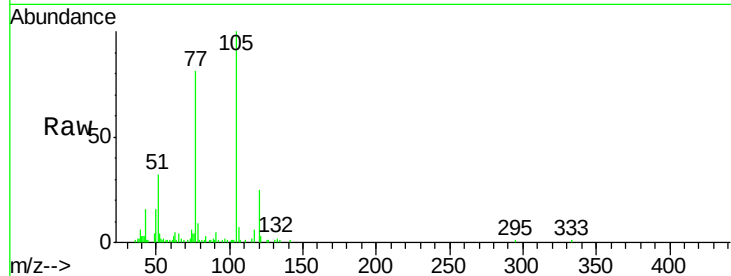
Acq: 8 May 2015 17:09

Instrument :

BNA_G

ClientSampleId :

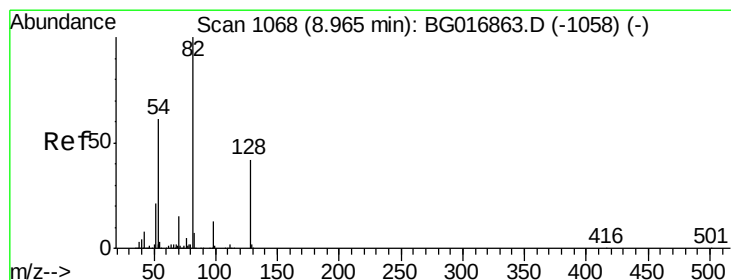
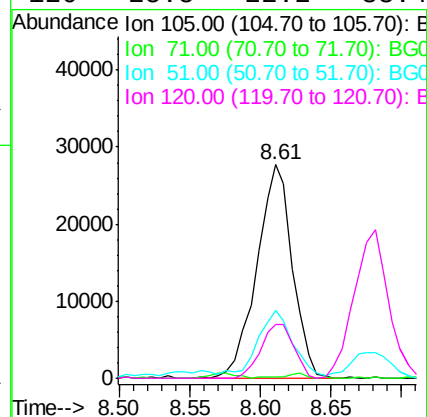
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Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.8	4.2#
51	31.8	29.4	44.2
120	25.5	22.2	33.4

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#23

Nitrobenzene-d5

Concen: 20.78 ng

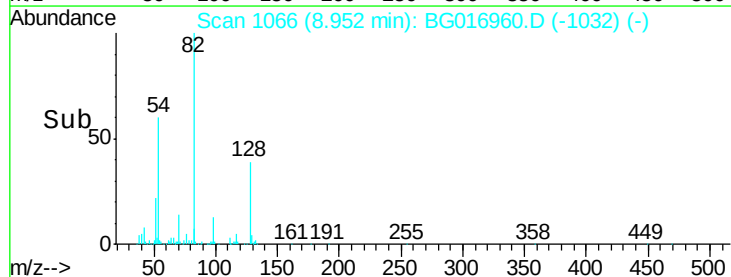
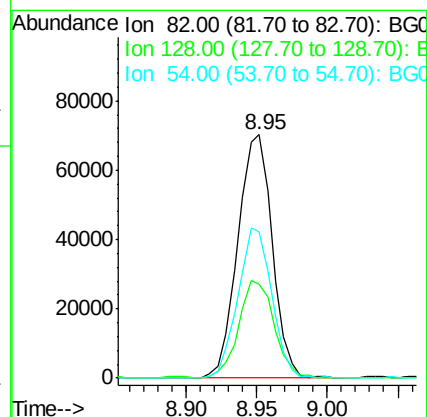
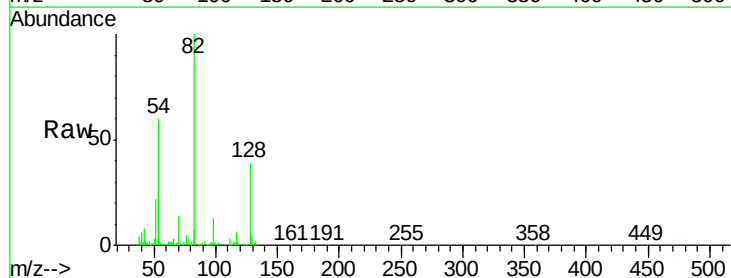
RT: 8.95 min Scan# 1066

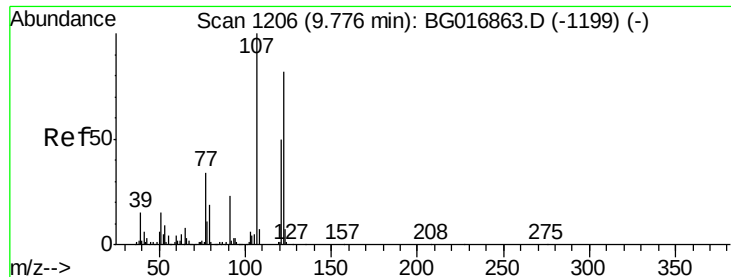
Delta R.T. 0.00 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.2	49.8
54	60.2	48.6	72.8





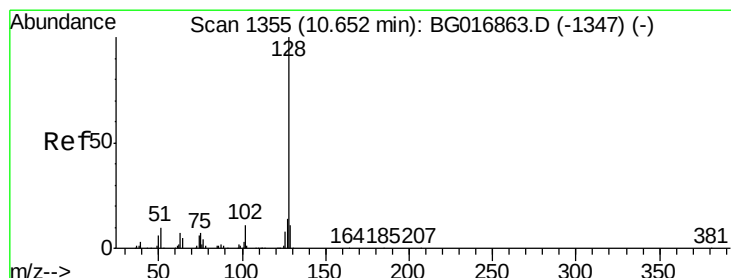
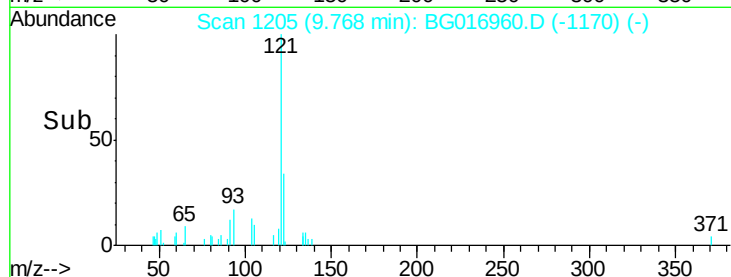
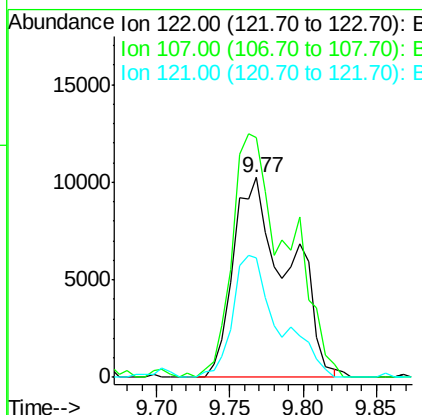
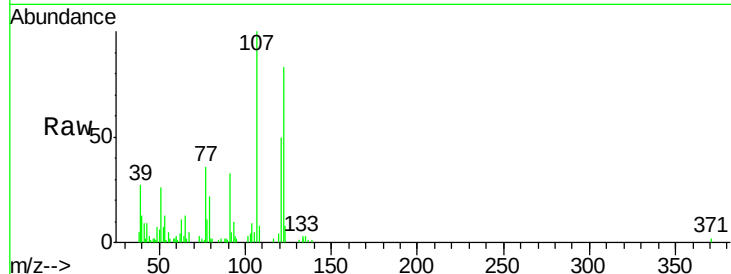
#27
 2,4-Dimethylphenol
 Concen: 6.23 ng m
 RT: 9.77 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG016960.D
 Acq: 8 May 2015 17:09

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26674		
107	120.3	97.6	146.4	
121	59.8	48.4	72.6	

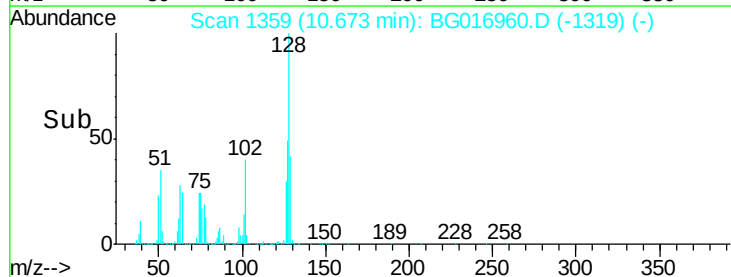
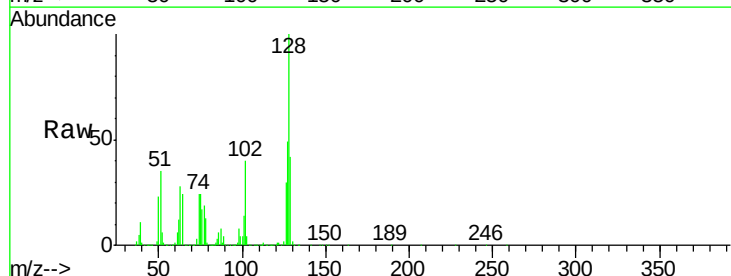
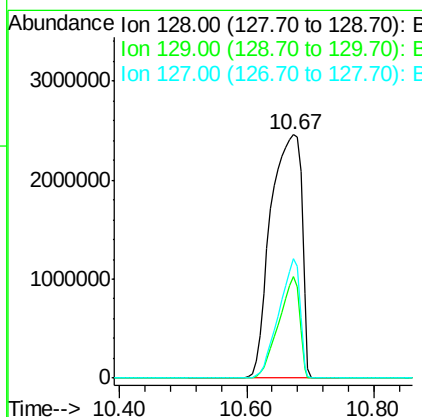
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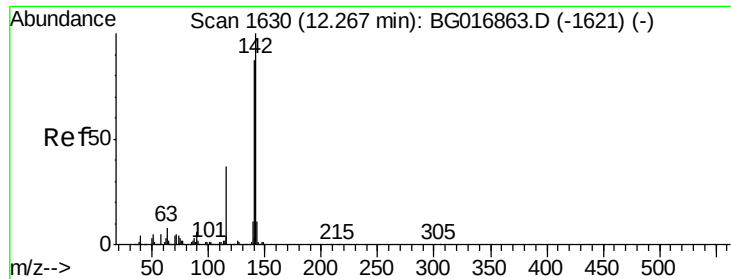
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#31
 Naphthalene
 Concen: 593.65 ng
 RT: 10.67 min Scan# 1359
 Delta R.T. 0.04 min
 Lab File: BG016960.D
 Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	8293103		
129	41.7	9.1	13.7#	
127	49.2	10.9	16.3#	





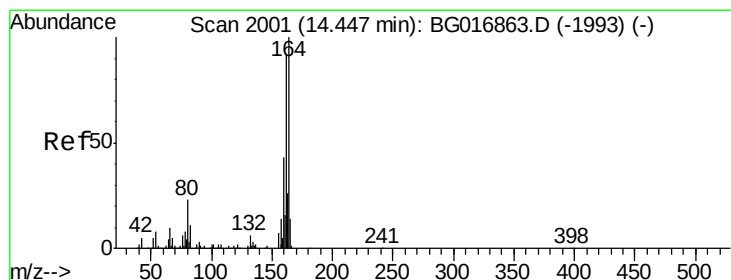
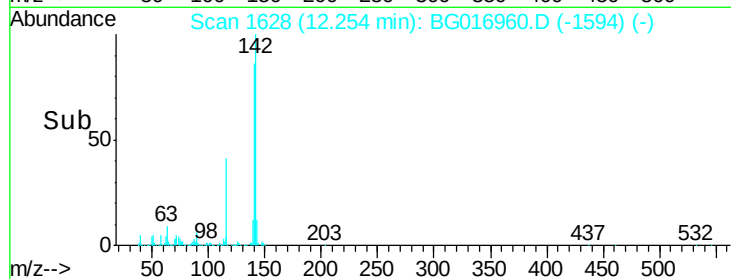
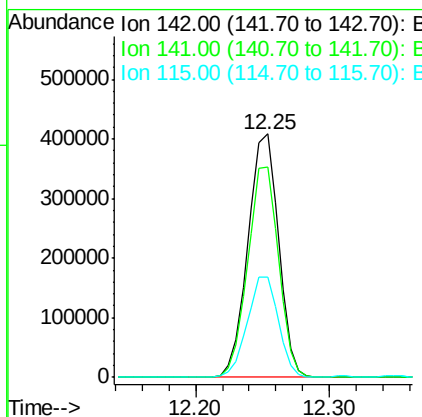
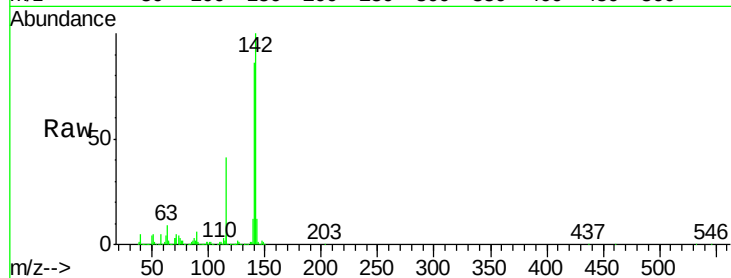
#37
 2-Methylnaphthalene
 Concen: 60.44 ng
 RT: 12.25 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG016960.D
 Acq: 8 May 2015 17:09

Instrument :
 BNA_G
 ClientSampleID :
 DBMW-01DL

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	69.9	104.9
115	41.0	29.8	44.8

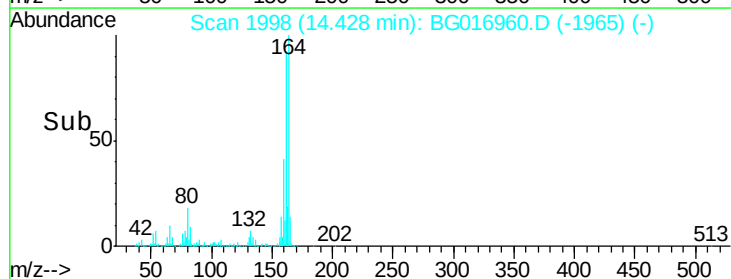
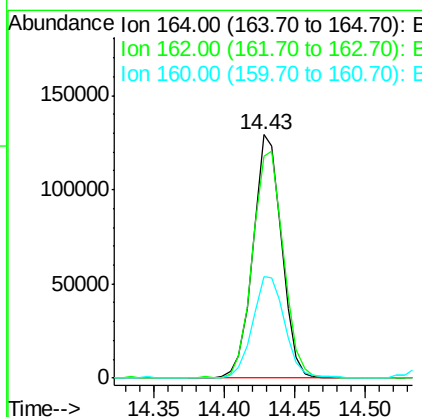
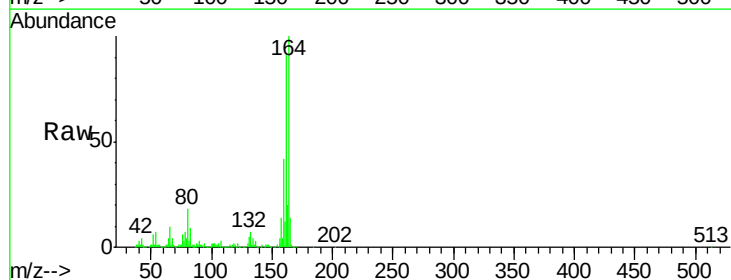
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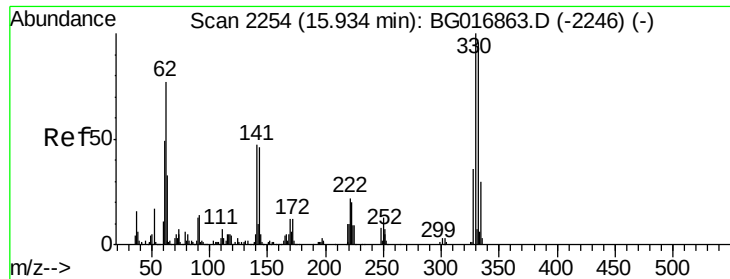
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BG016960.D
 Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.3	74.0	111.0
160	41.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 35.94 ng

RT: 15.91 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Instrument :

BNA_G

ClientSampleId :

DBMW-01DL

Tgt Ion:330 Resp: 66603
Ion Ratio Lower Upper

330 100

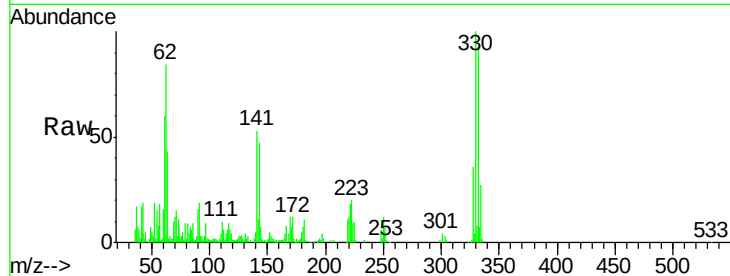
332 94.3 0.0 0.0#

141 52.3 0.0 0.0#

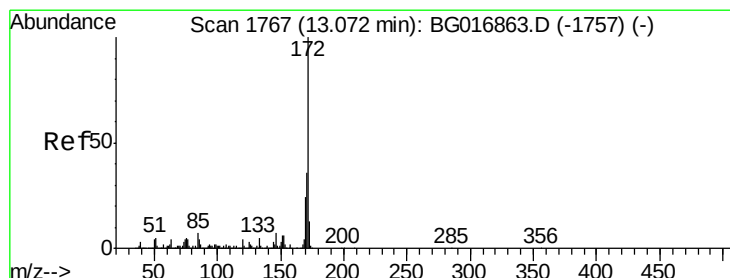
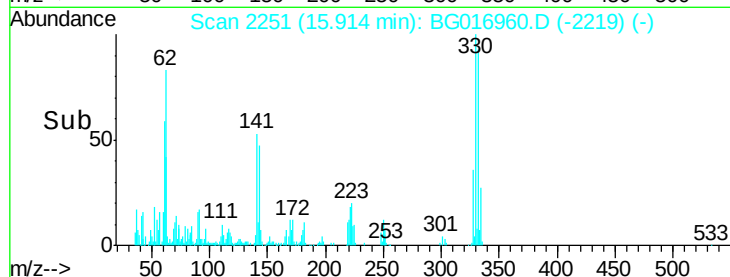
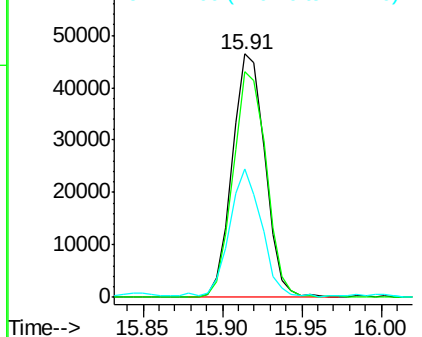
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 21.71 ng

RT: 13.05 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BG016960.D

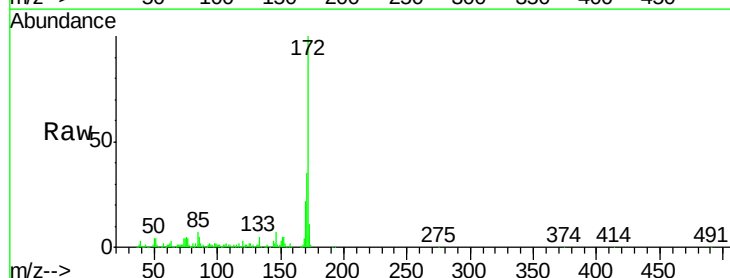
Acq: 8 May 2015 17:09

Tgt Ion:172 Resp: 265506
Ion Ratio Lower Upper

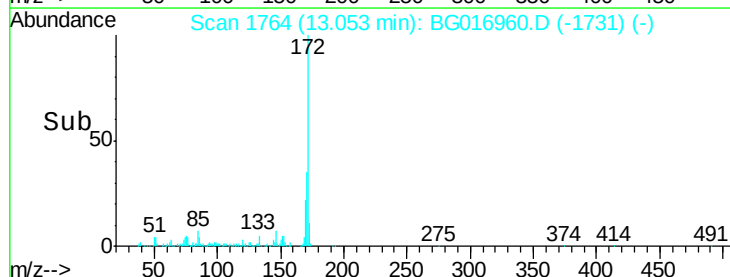
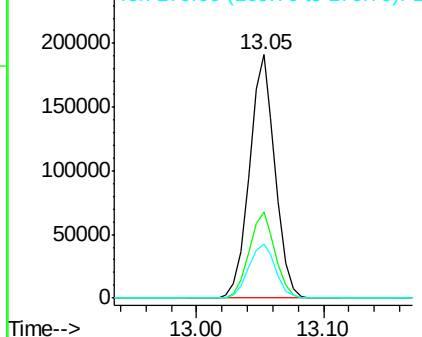
172 100

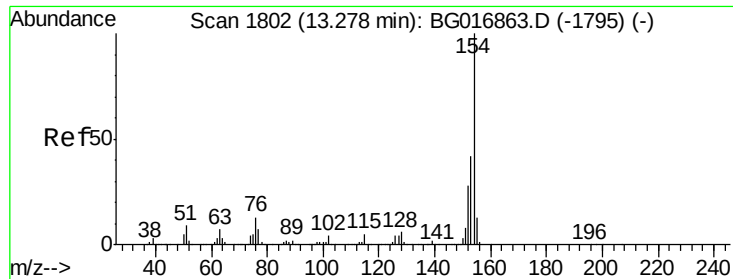
171 35.4 29.0 43.4

170 22.2 19.0 28.4



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





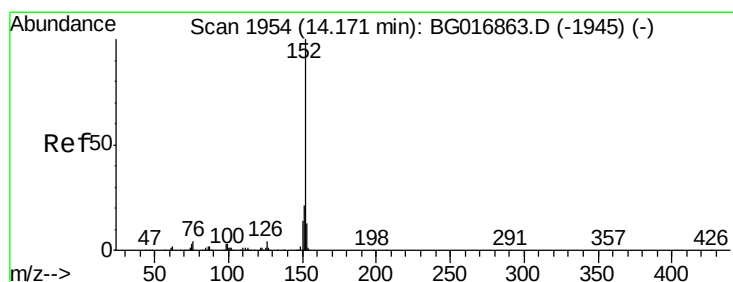
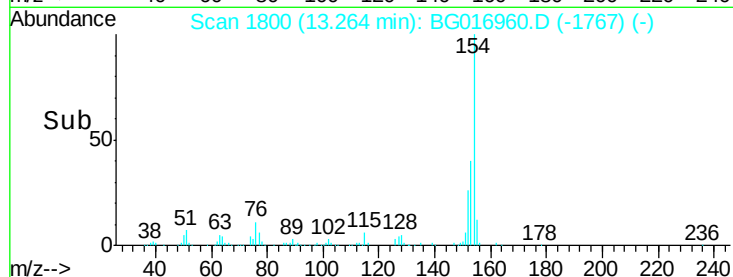
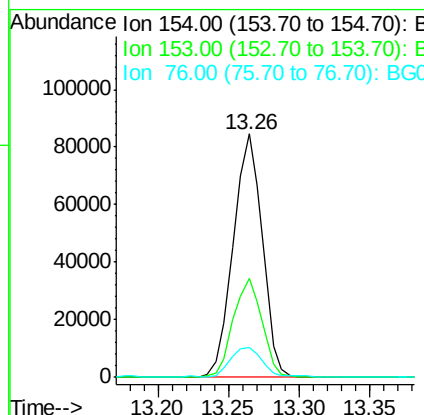
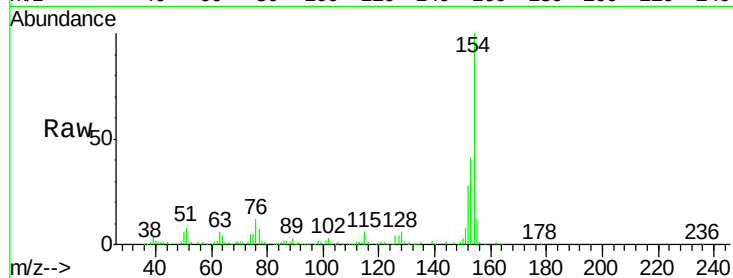
#45
 1,1'-Biphenyl
 Concen: 9.16 ng
 RT: 13.26 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG016960.D
 Acq: 8 May 2015 17:09

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-01DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	121045		
153	40.7	22.0	62.0	
76	12.3	0.0	33.3	

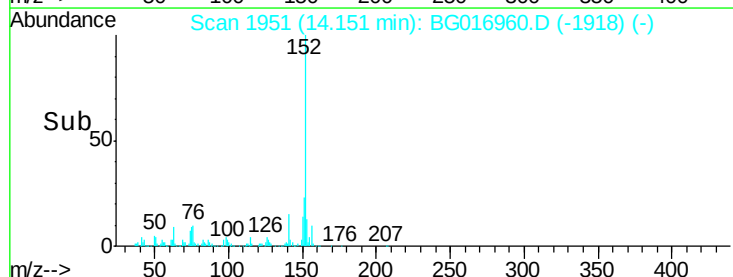
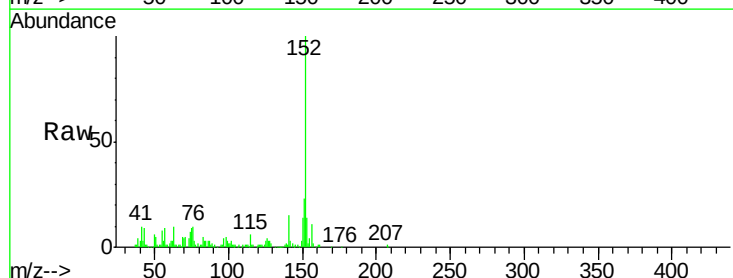
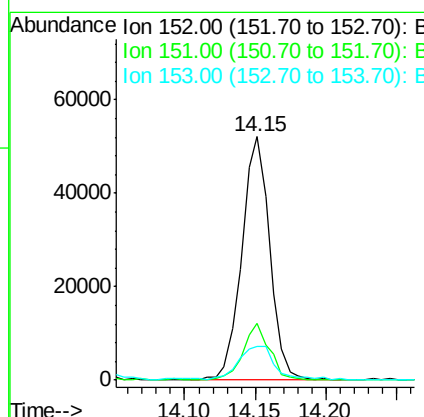
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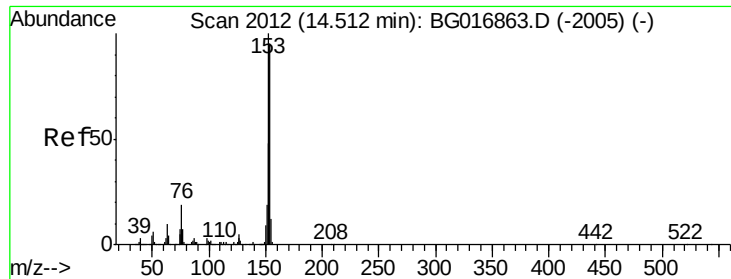
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#48
 Acenaphthylene
 Concen: 3.96 ng
 RT: 14.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG016960.D
 Acq: 8 May 2015 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	72191		
151	23.3	17.0	25.4	
153	13.9	10.7	16.1	





#51

Acenaphthene

Concen: 21.59 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Instrument :

BNA_G

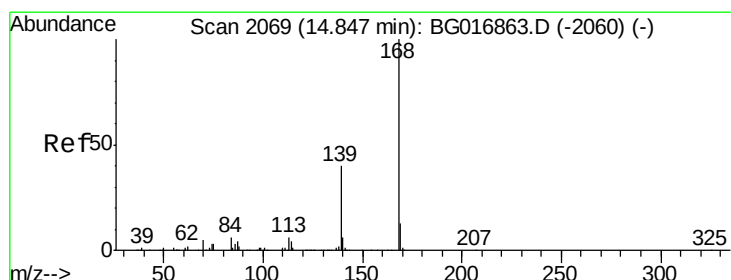
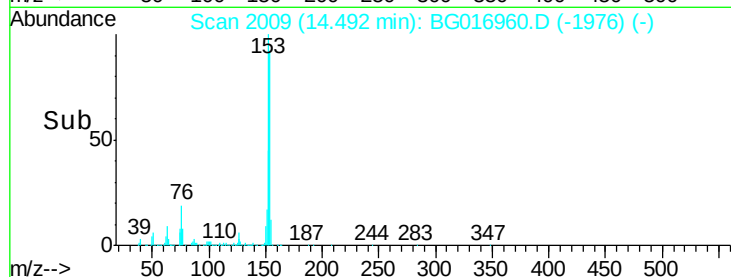
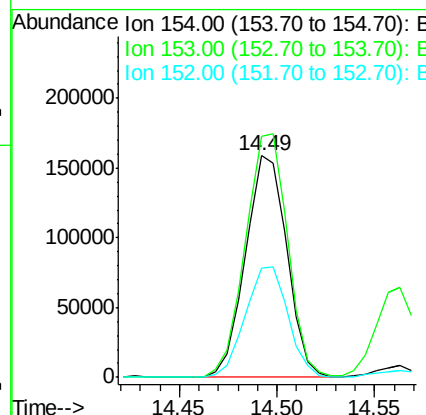
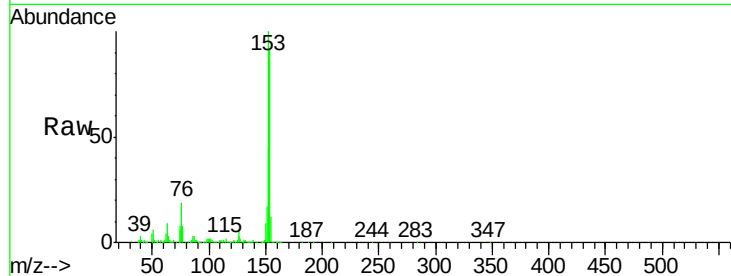
ClientSampleId :

DBMW-01DL

Tgt Ion:	154	Resp:	234211
Ion Ratio	Lower	Upper	
154	100		
153	108.9	84.2	126.4
152	49.3	40.2	60.2

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#54

Dibenzofuran

Concen: 10.69 ng

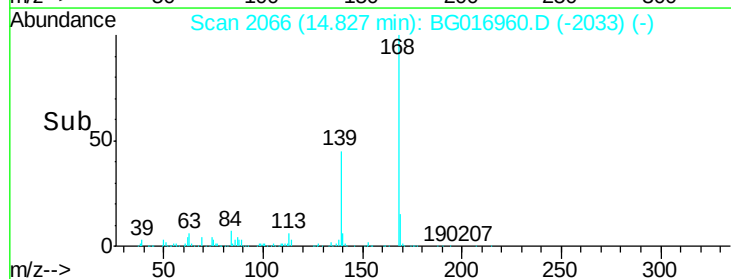
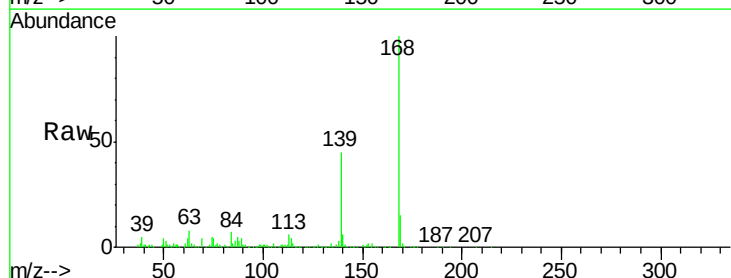
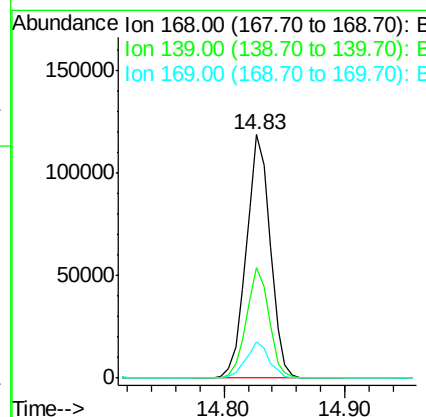
RT: 14.83 min Scan# 2066

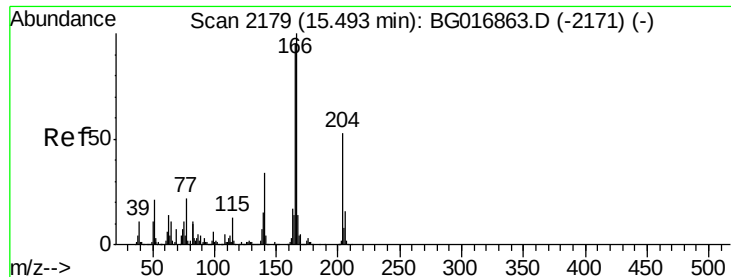
Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt Ion:	168	Resp:	164650
Ion Ratio	Lower	Upper	
168	100		
139	45.3	32.5	48.7
169	14.7	10.4	15.6





#57

Fluorene

Concen: 10.06 ng

RT: 15.48 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Instrument :

BNA_G

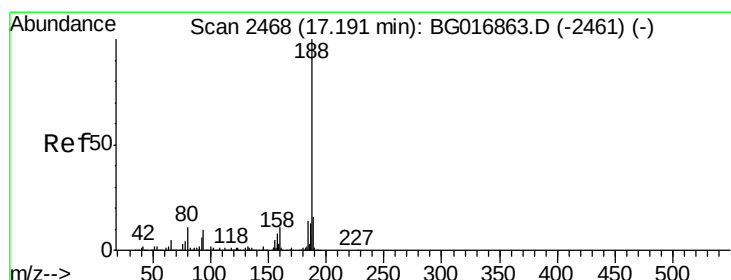
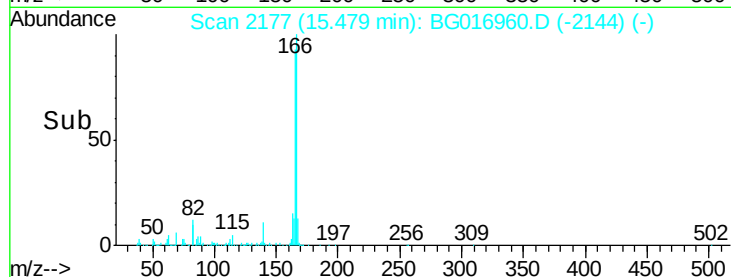
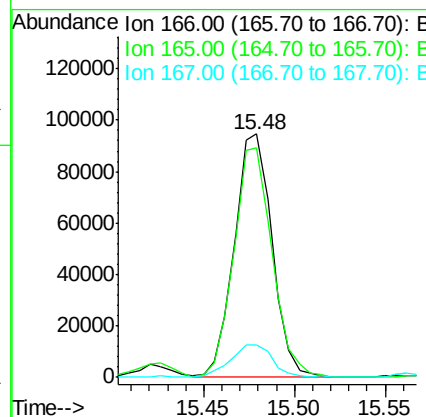
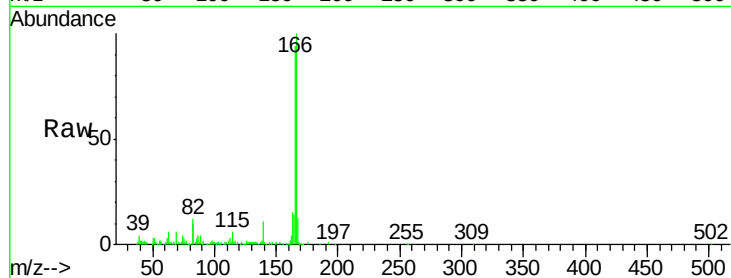
ClientSampleId :

DBMW-01DL

Tgt Ion:	166	Resp:	137178
Ion Ratio	Lower	Upper	
166	100		
165	94.4	76.1	114.1
167	13.1	11.4	17.2

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#63

Phenanthrene-d10

Concen: 20.00 ng

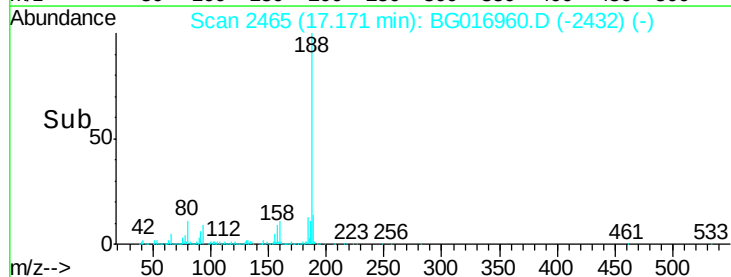
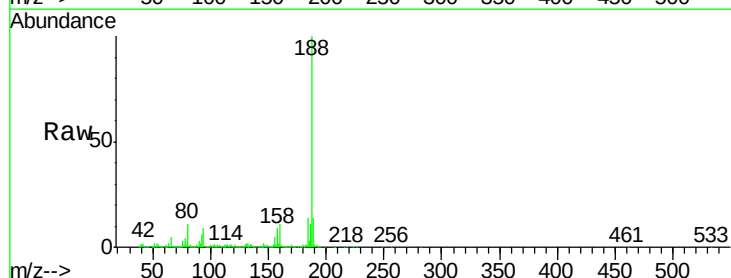
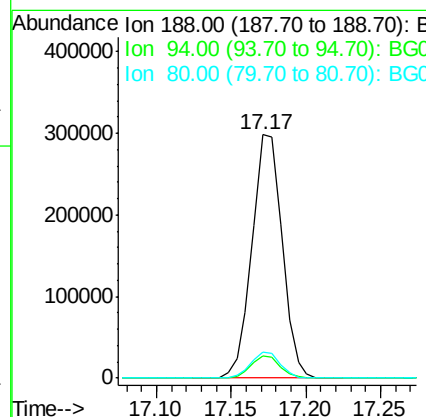
RT: 17.17 min Scan# 2465

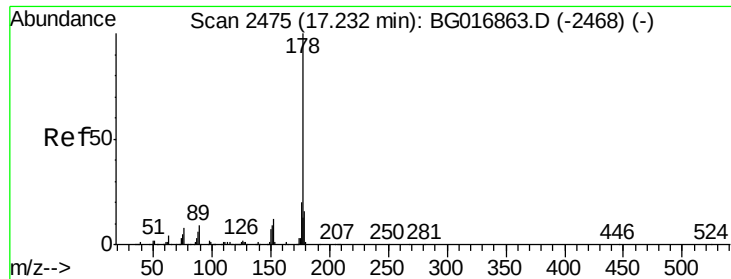
Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt Ion:	188	Resp:	415618
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.4
80	10.7	8.8	13.2





#70

Phenanthrene

Concen: 10.91 ng

RT: 17.22 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Instrument :

BNA_G

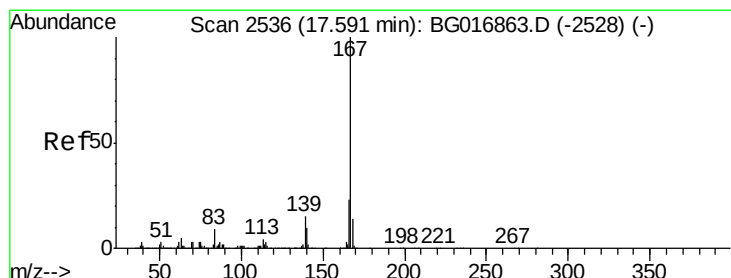
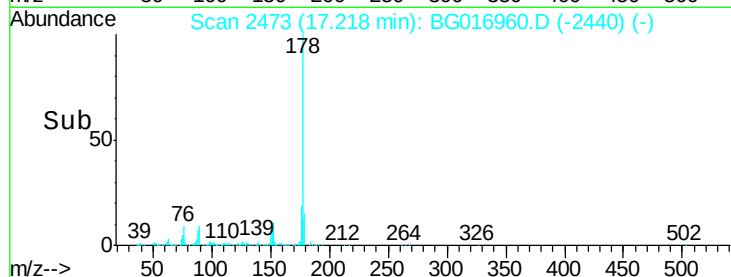
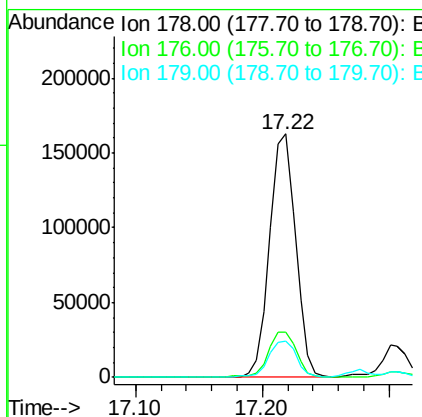
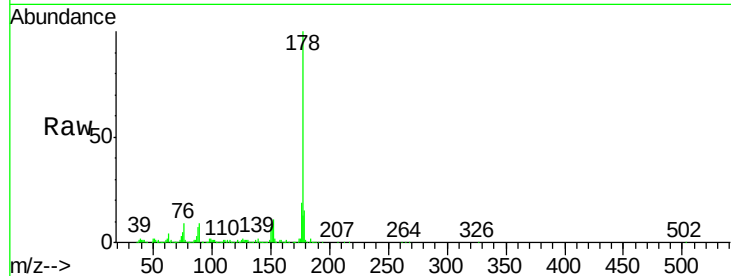
ClientSampleId :

DBMW-01DL

Tgt Ion:	178	Resp:	233442
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.0	24.0
179	14.9	13.0	19.6

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#72

Carbazole

Concen: 24.77 ng

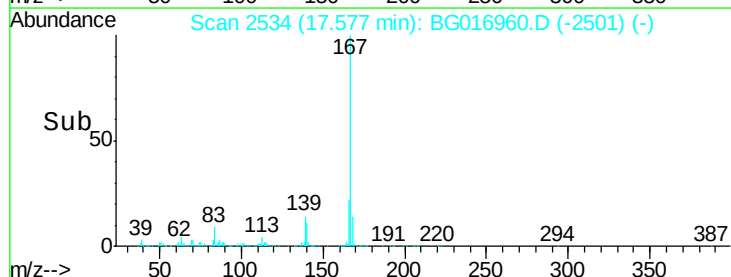
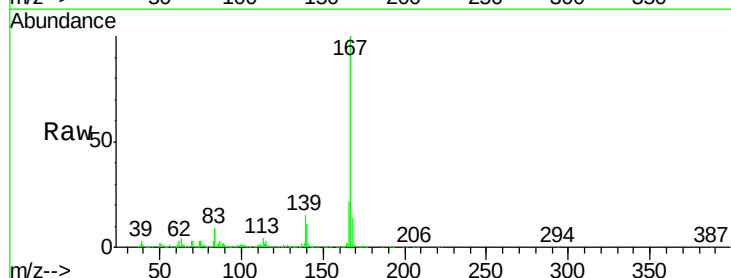
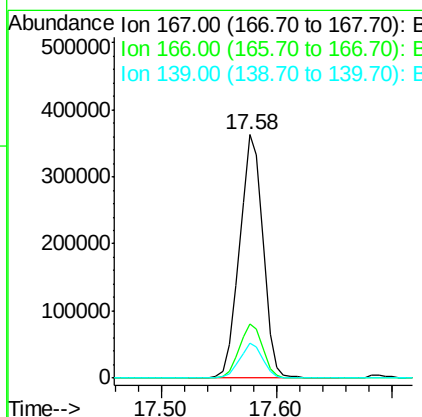
RT: 17.58 min Scan# 2534

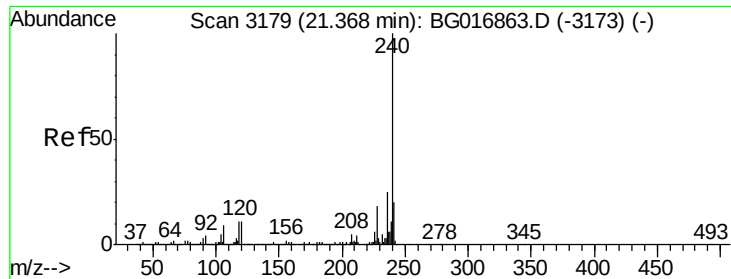
Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt Ion:	167	Resp:	508183
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.4	27.6
139	14.6	12.2	18.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Instrument :

BNA_G

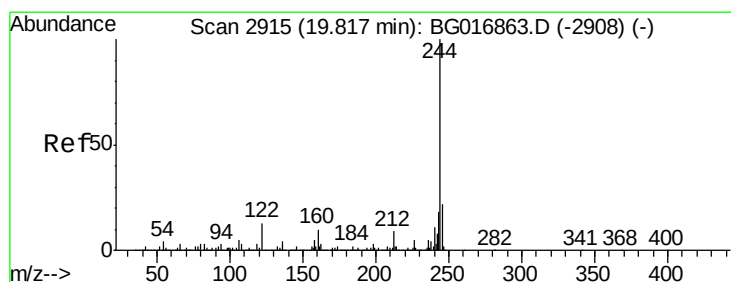
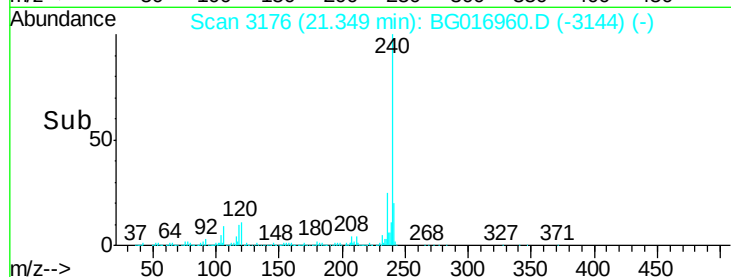
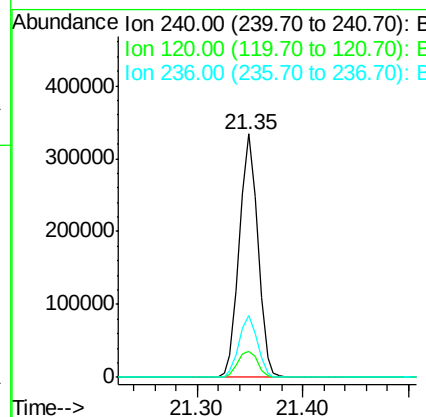
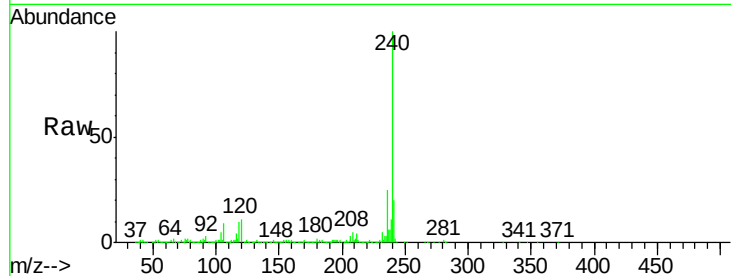
ClientSampleId :

DBMW-01DL

Tgt	Ion:240	Resp:	401100
Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	25.4	20.2	30.4

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#78

Terphenyl-d14

Concen: 22.64 ng

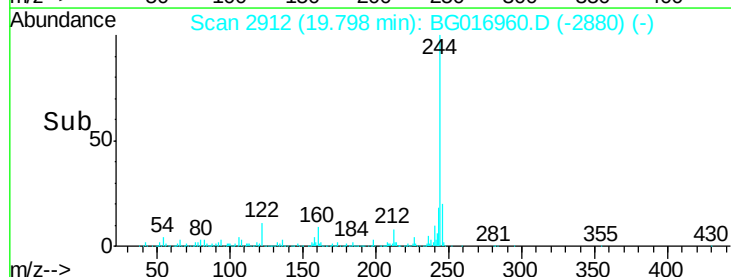
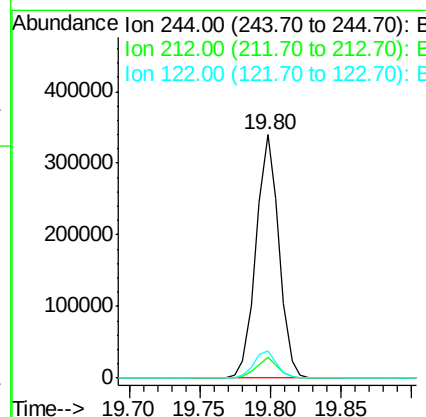
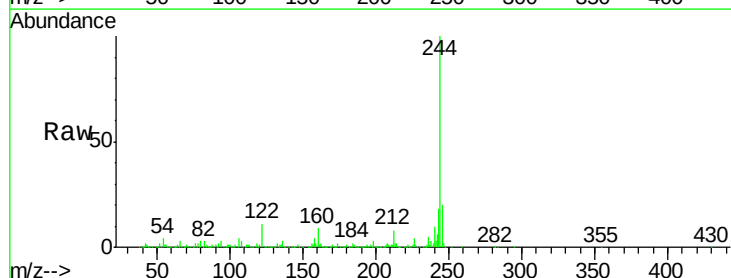
RT: 19.80 min Scan# 2912

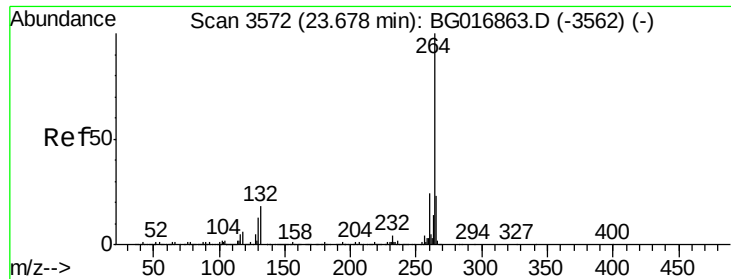
Delta R.T. -0.01 min

Lab File: BG016960.D

Acq: 8 May 2015 17:09

Tgt	Ion:244	Resp:	387379
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	11.3	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.65 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG016960.D
Acq: 8 May 2015 17:09

Instrument :
BNA_G
ClientSampleId :
DBMW-01DL

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		396021		
260	23.3	19.5	29.3		
265	21.9	18.5	27.7		

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