

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016959.D
 Acq On : 8 May 2015 16:34
 Operator : TP/IZ
 Sample : G2038-05DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL

Manual Integrations
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Quant Time: May 12 13:39:58 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	53416	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	255093	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	186199	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	452181	20.00	ng	0.00
75) Chrysene-d12	21.35	240	460003	20.00	ng	-0.01
86) Perylene-d12	23.65	264	457493	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	20370	6.64	ng	0.00
7) Phenol-d6	6.96	99	26080	5.95	ng	0.00
23) Nitrobenzene-d5	8.95	82	51626	9.89	ng	0.00
41) 2,4,6-Tribromophenol	15.91	330	31887	17.06	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	118549	9.61	ng	0.00
78) Terphenyl-d14	19.80	244	189533	9.66	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.64	128	1881219	148.27	ng	96
37) 2-Methylnaphthalene	12.25	142	188199	19.47	ng	92
45) 1,1'-Biphenyl	13.26	154	48705	3.65	ng	98
48) Acenaphthylene	14.15	152	178749	9.72	ng	95
51) Acenaphthene	14.49	154	82105	7.50	ng	98
57) Fluorene	15.48	166	50529m	3.67	ng	
70) Phenanthrene	17.22	178	106892	4.59	ng	99

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

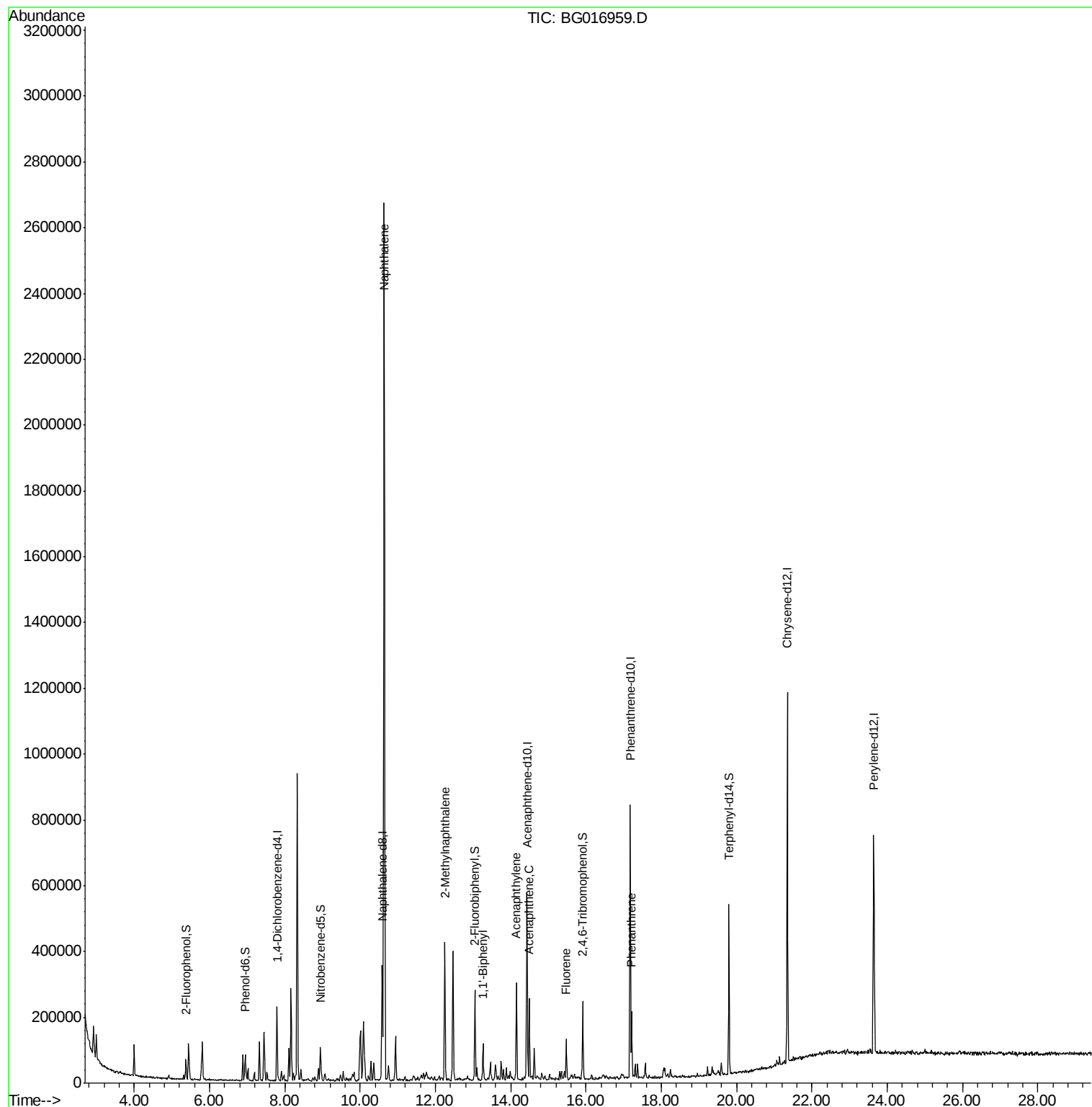
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
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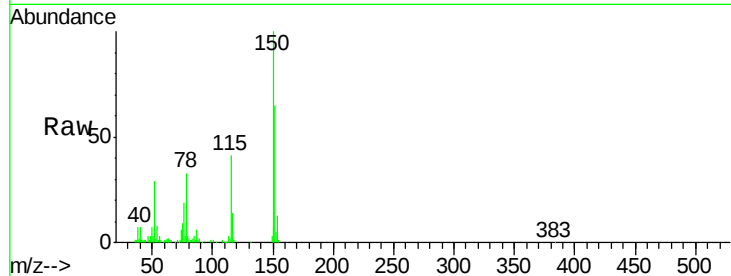




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. 0.00 min
Lab File: BG016959.D
Acq: 8 May 2015 16:34

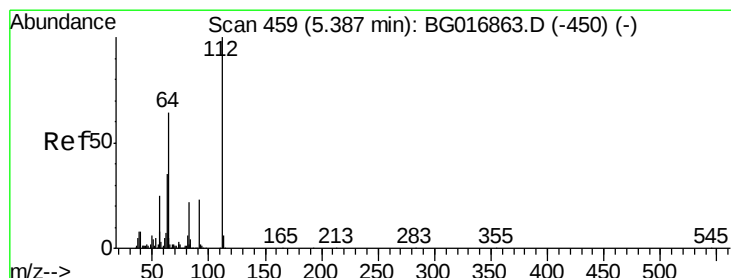
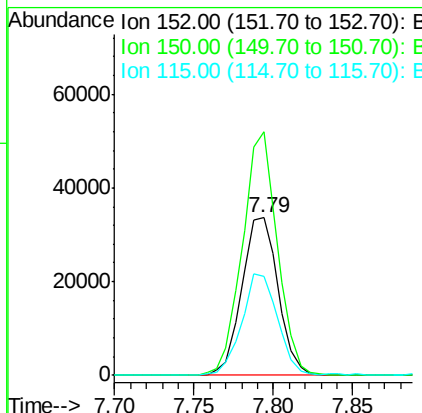
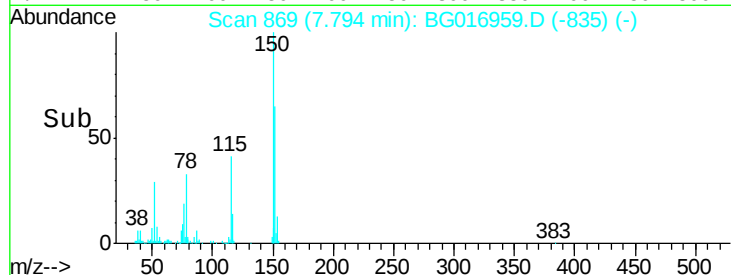
Instrument :
BNA_G
ClientSampleId :
DBMW-03DL



Tgt Ion:	152	Resp:	53416
Ion Ratio	Lower	Upper	
152	100		
150	154.5	121.0	181.4
115	62.7	50.5	75.7

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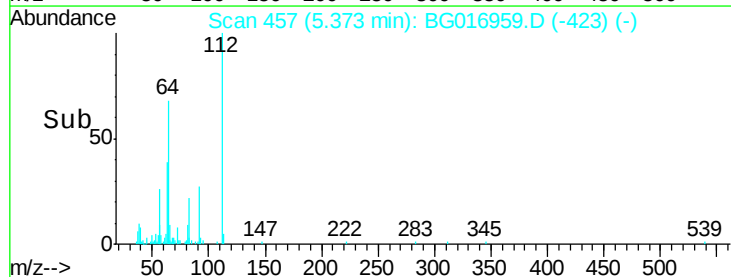
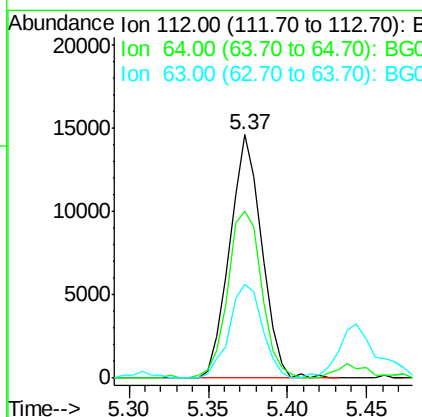
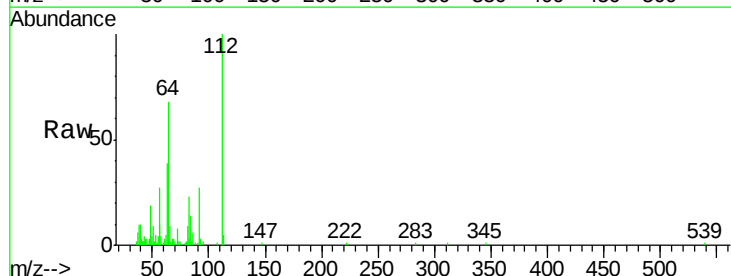
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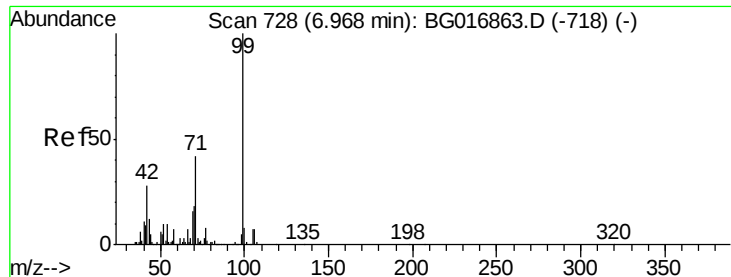


#5

2-Fluorophenol
Concen: 6.64 ng
RT: 5.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: BG016959.D
Acq: 8 May 2015 16:34

Tgt Ion:	112	Resp:	20370
Ion Ratio	Lower	Upper	
112	100		
64	68.3	51.4	77.2
63	38.5	28.1	42.1





#7

Phenol-d6

Concen: 5.95 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016959.D

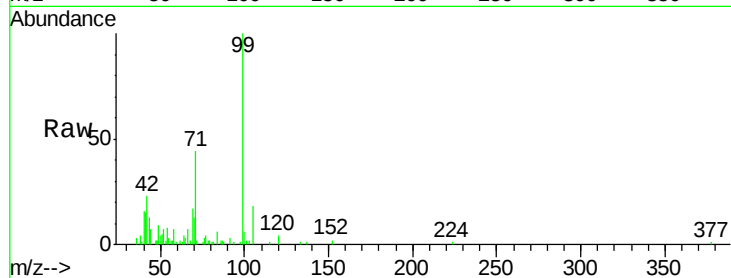
Acq: 8 May 2015 16:34

Instrument :

BNA_G

ClientSampleId :

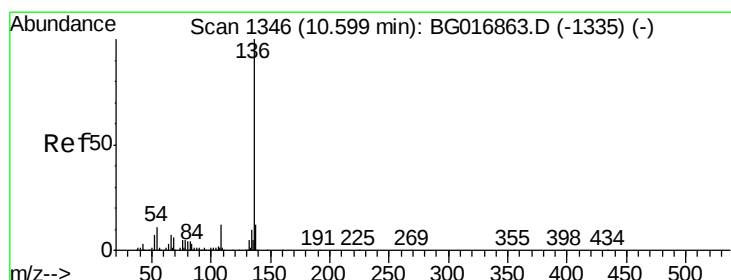
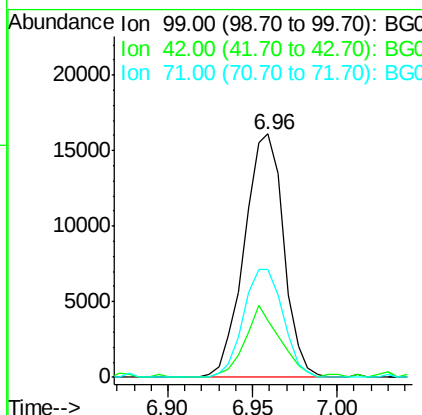
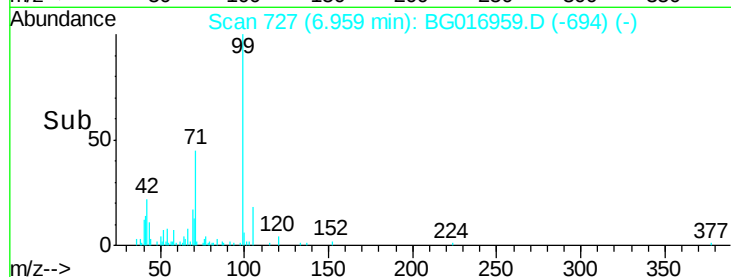
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.1	22.1	33.1
71	44.5	33.4	50.0

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#21

Naphthalene-d8

Concen: 20.00 ng

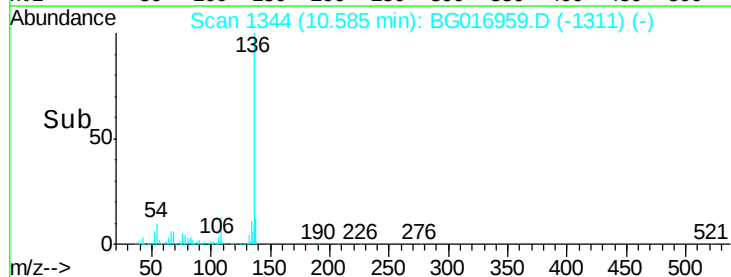
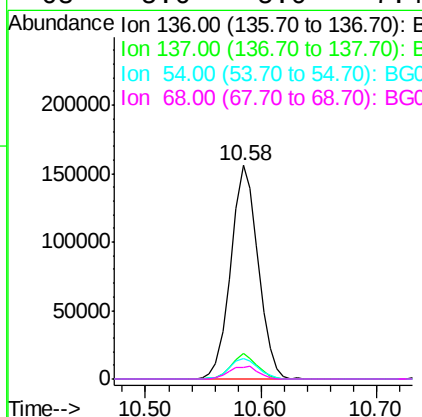
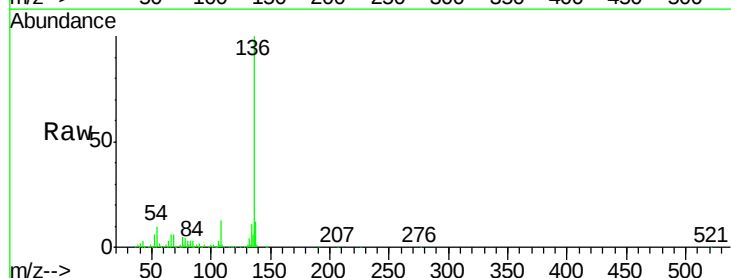
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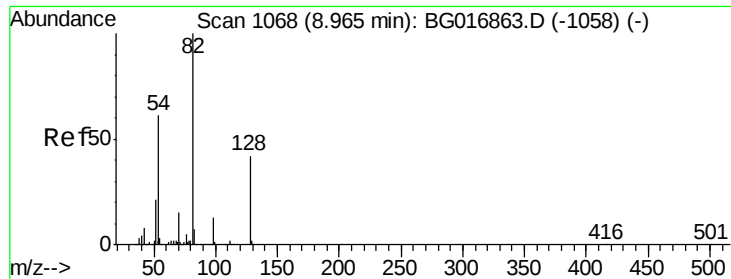
Delta R.T. -0.01 min

Lab File: BG016959.D

Acq: 8 May 2015 16:34

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.8
54	9.6	8.7	13.1
68	5.6	5.0	7.4





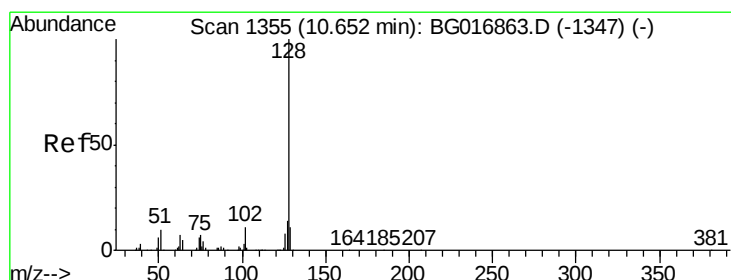
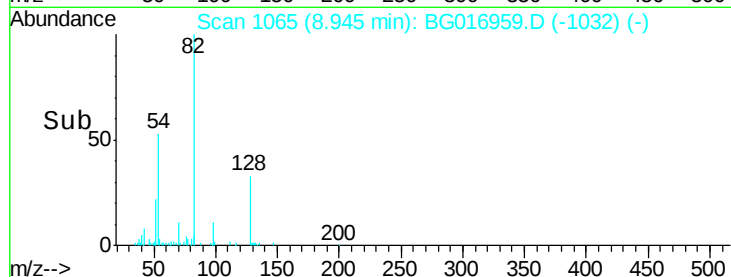
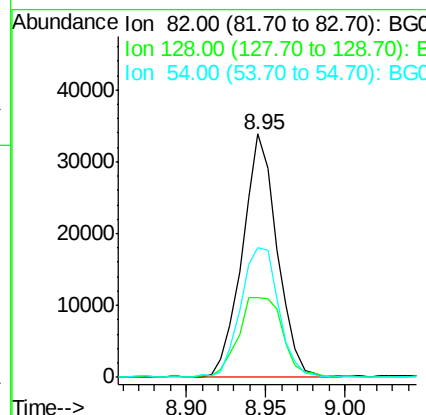
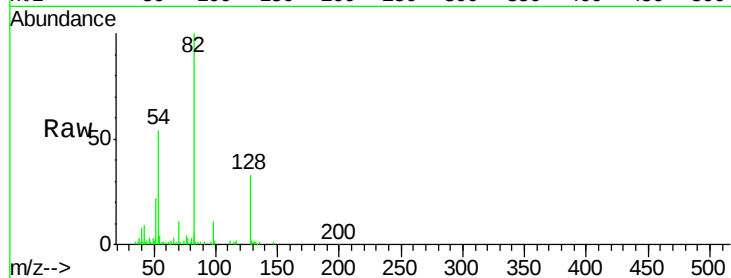
#23
 Nitrobenzene-d5
 Concen: 9.89 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BG016959.D
 Acq: 8 May 2015 16:34

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	33.2	49.8#
54	53.5	48.6	72.8

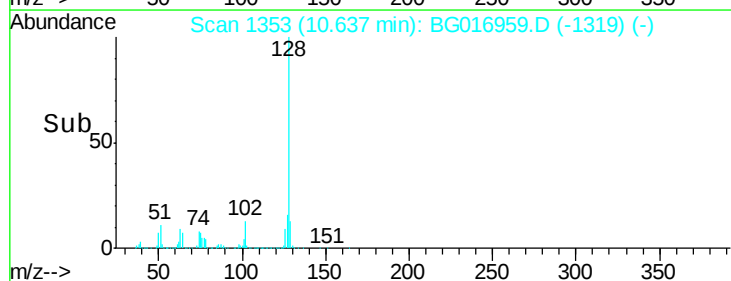
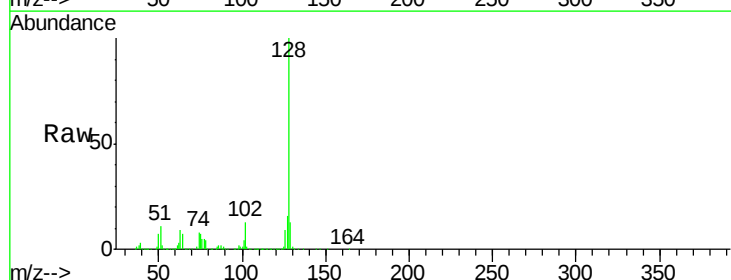
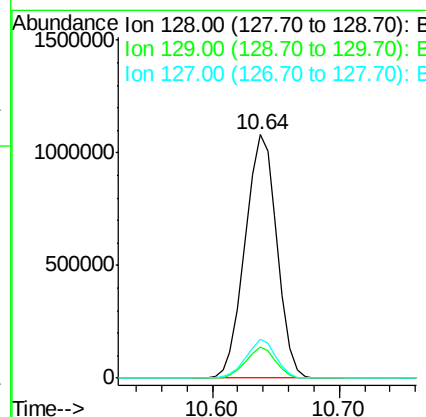
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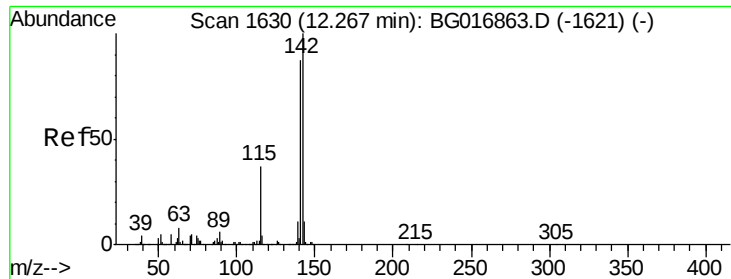
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#31
 Naphthalene
 Concen: 148.27 ng
 RT: 10.64 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BG016959.D
 Acq: 8 May 2015 16:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.1	13.7
127	15.8	10.9	16.3





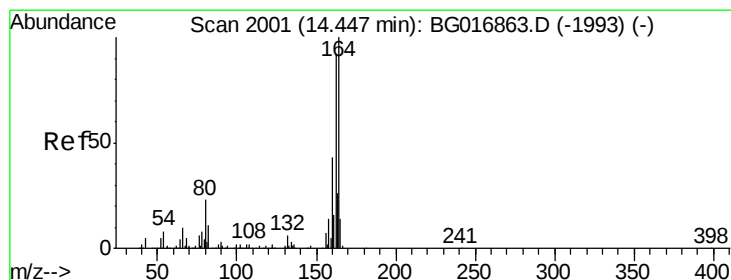
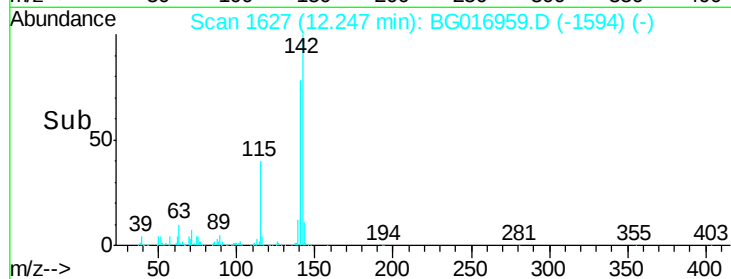
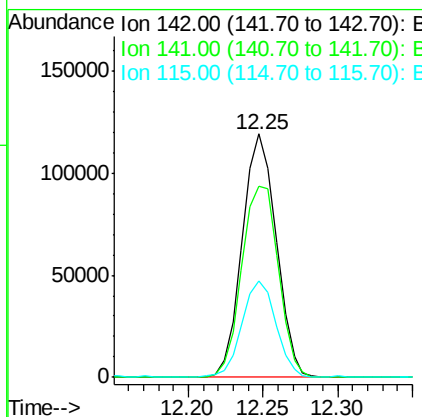
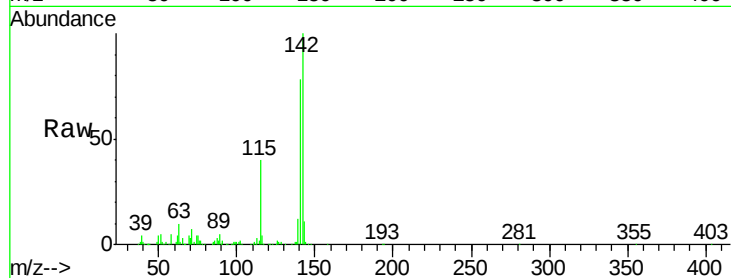
#37
2-Methylnaphthalene
Concen: 19.47 ng
RT: 12.25 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BG016959.D
Acq: 8 May 2015 16:34

Instrument :
BNA_G
ClientSampleId :
DBMW-03DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	78.3	69.9	104.9
115	39.8	29.8	44.8

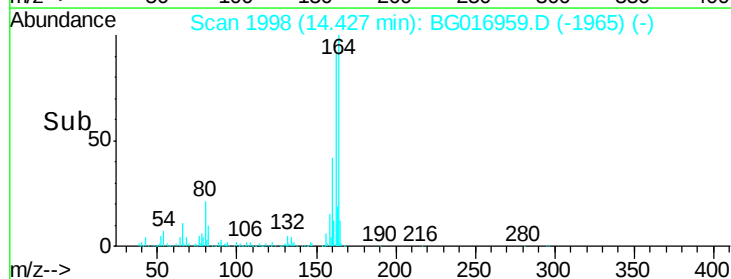
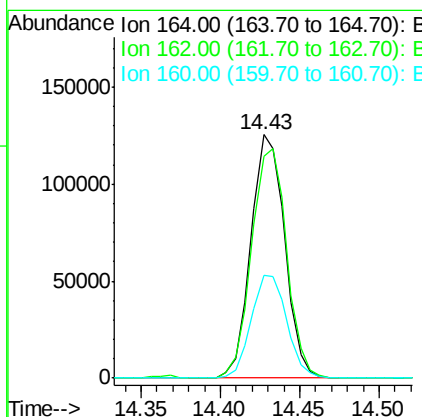
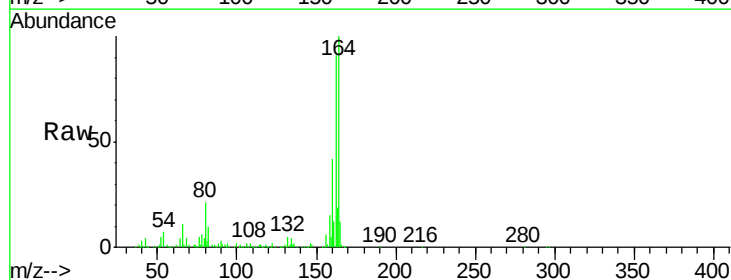
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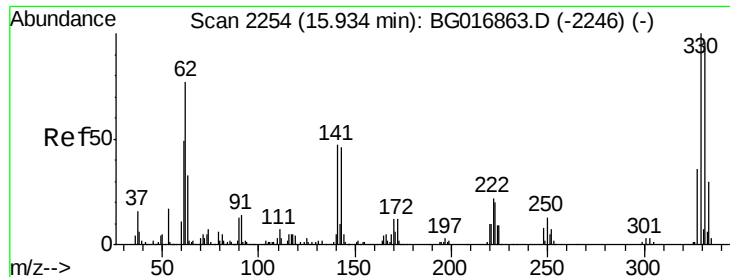
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG016959.D
Acq: 8 May 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	91.2	74.0	111.0
160	42.2	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 17.06 ng

RT: 15.91 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BG016959.D

Acq: 8 May 2015 16:34

Instrument :

BNA_G

ClientSampleId :

DBMW-03DL

Tgt Ion:330 Resp: 31887
Ion Ratio Lower Upper

330 100

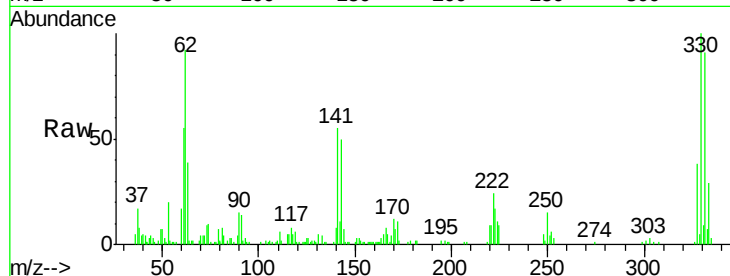
332 95.4 0.0 0.0#

141 55.1 0.0 0.0#

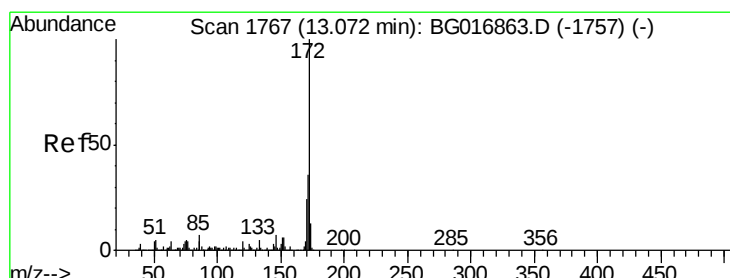
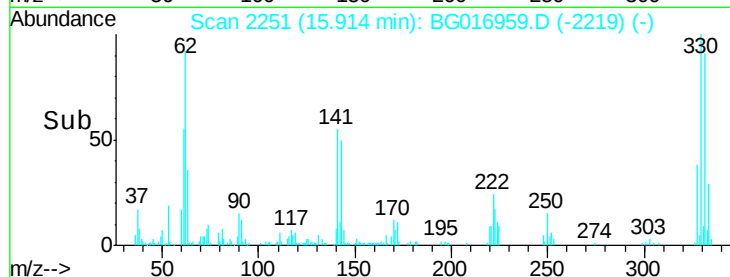
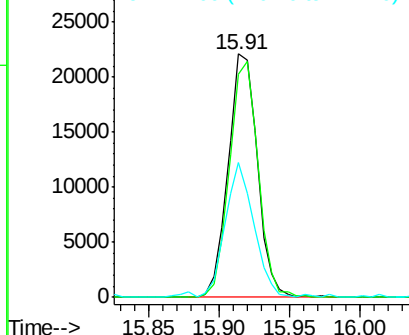
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 9.61 ng

RT: 13.05 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BG016959.D

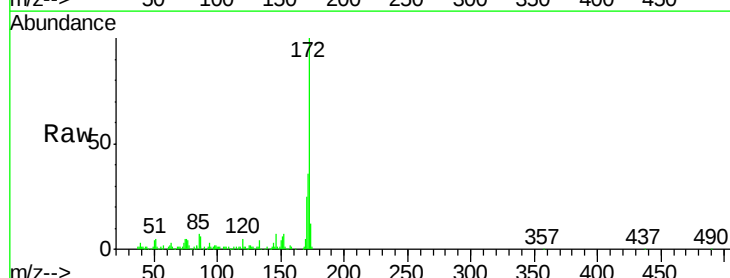
Acq: 8 May 2015 16:34

Tgt Ion:172 Resp: 118549
Ion Ratio Lower Upper

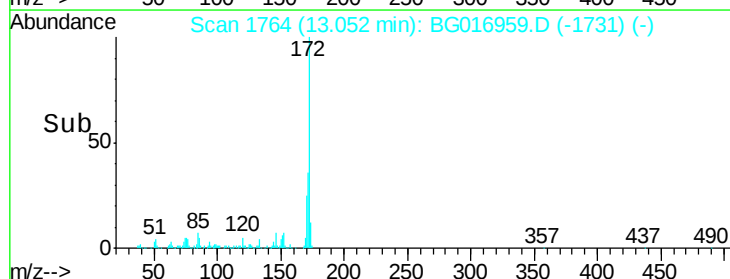
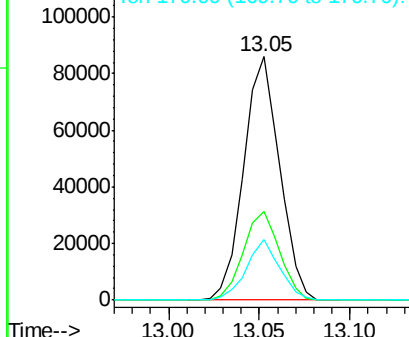
172 100

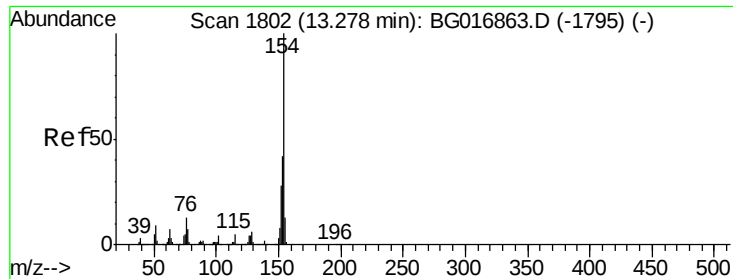
171 36.4 29.0 43.4

170 24.6 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





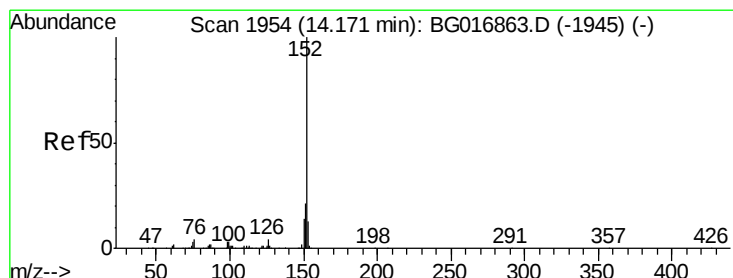
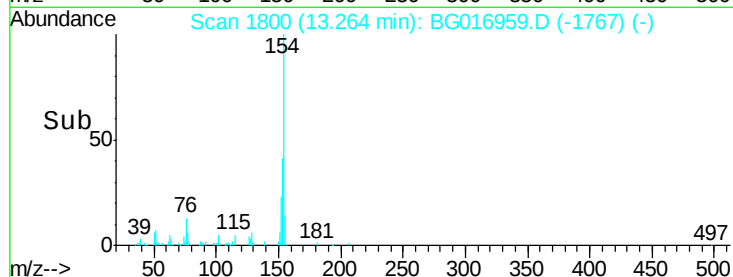
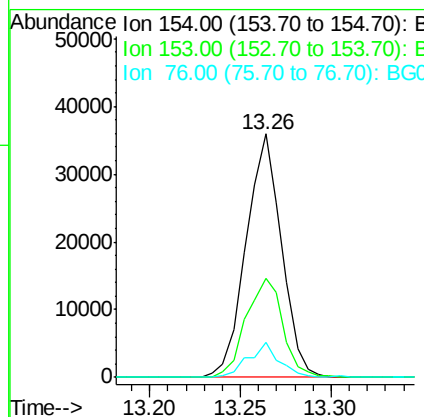
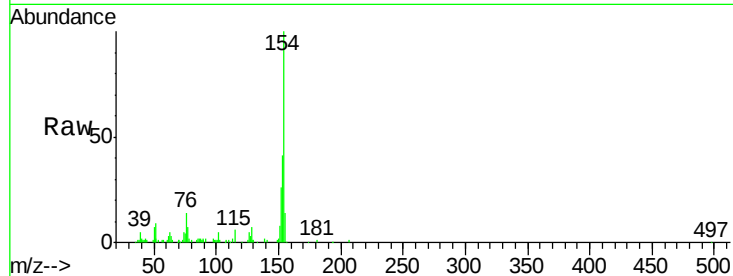
#45
 1,1'-Biphenyl
 Concen: 3.65 ng
 RT: 13.26 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG016959.D
 Acq: 8 May 2015 16:34

Instrument :
 BNA_G
 ClientSampleId :
 DBMW-03DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	22.0	62.0
76	14.2	0.0	33.3

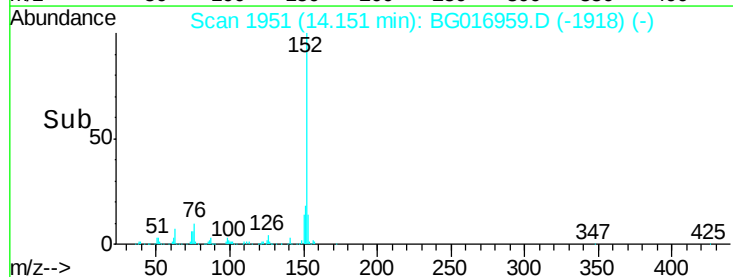
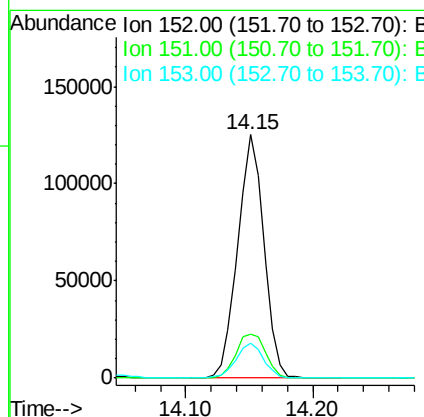
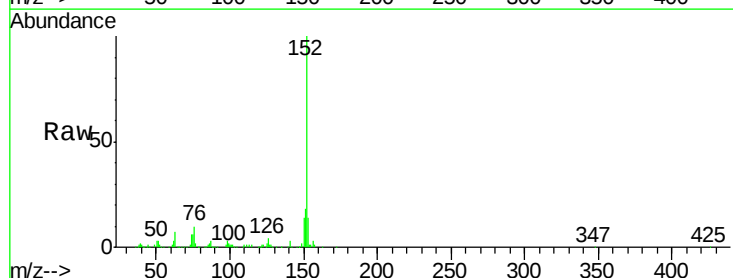
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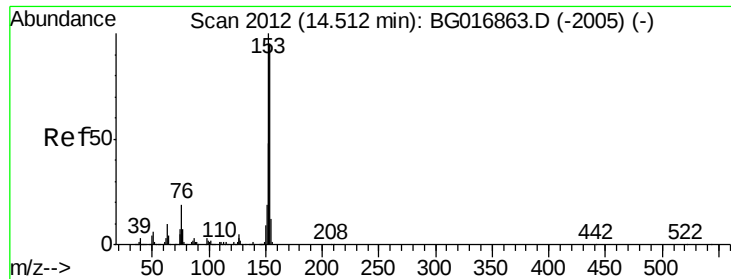
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#48
 Acenaphthylene
 Concen: 9.72 ng
 RT: 14.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG016959.D
 Acq: 8 May 2015 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	17.0	25.4
153	14.5	10.7	16.1





#51

Acenaphthene

Concen: 7.50 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG016959.D

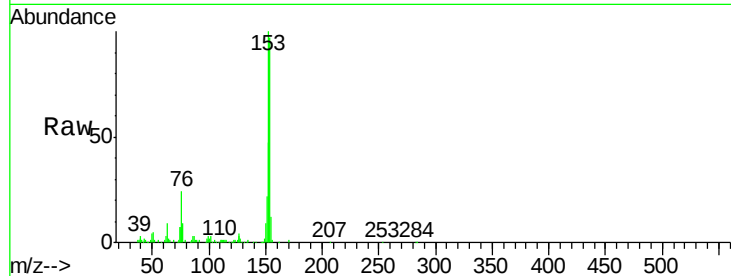
Acq: 8 May 2015 16:34

Instrument :

BNA_G

ClientSampleId :

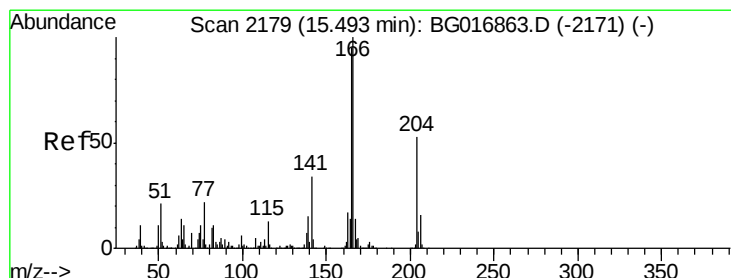
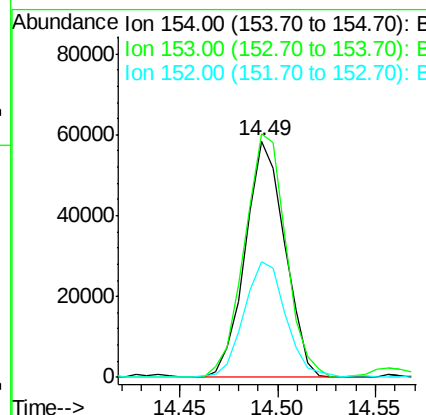
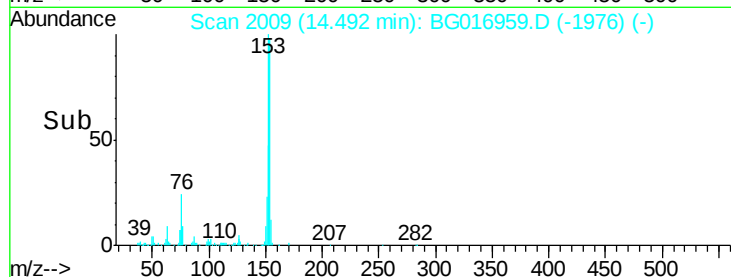
DBMW-03DL



Tgt Ion	Ratio	Lower	Upper
154	100		
153	103.0	84.2	126.4
152	48.9	40.2	60.2

Manual Integrations
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#57

Fluorene

Concen: 3.67 ng m

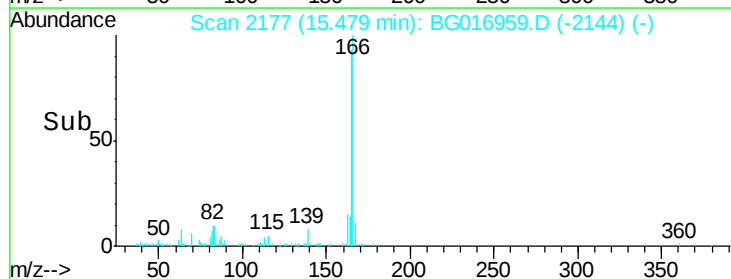
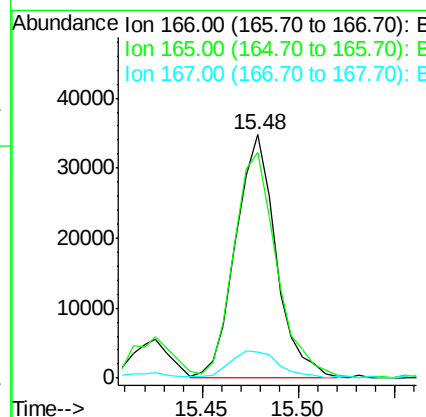
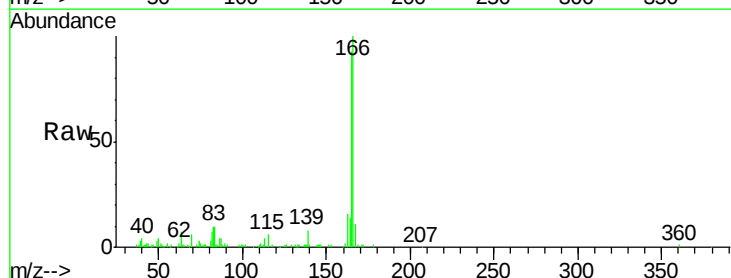
RT: 15.48 min Scan# 2177

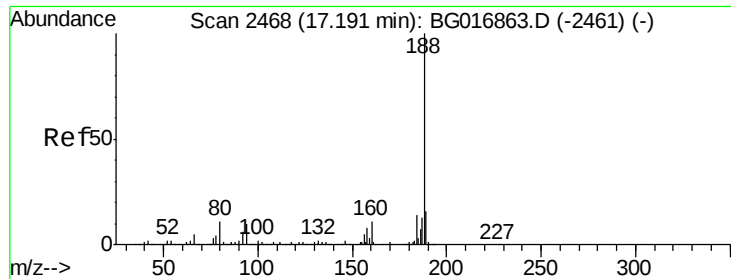
Delta R.T. -0.01 min

Lab File: BG016959.D

Acq: 8 May 2015 16:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.8	76.1	114.1
167	10.7	11.4	17.2#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG016959.D

Acq: 8 May 2015 16:34

Instrument :

BNA_G

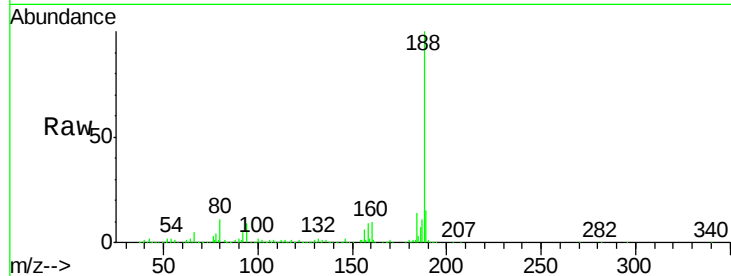
ClientSampleId :

DBMW-03DL

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		452181		
94	9.1		8.2	12.4	
80	11.4		8.8	13.2	

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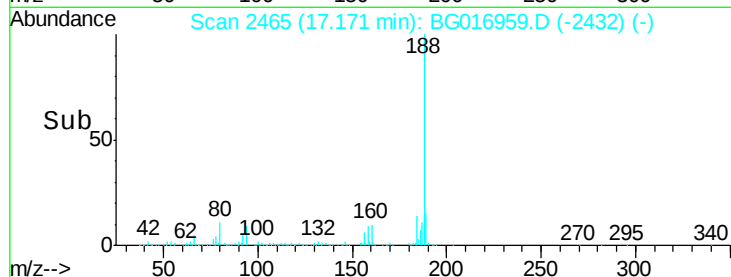


Abundance Ion 188.00 (187.70 to 188.70): E

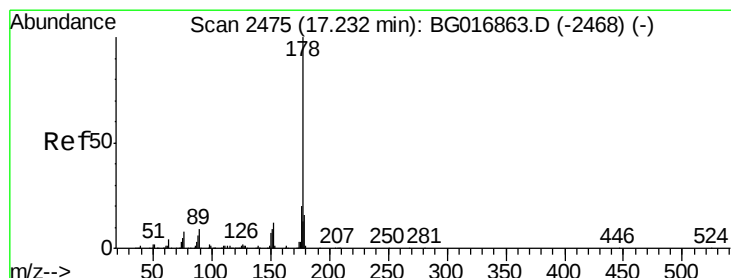
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#70

Phenanthrene

Concen: 4.59 ng

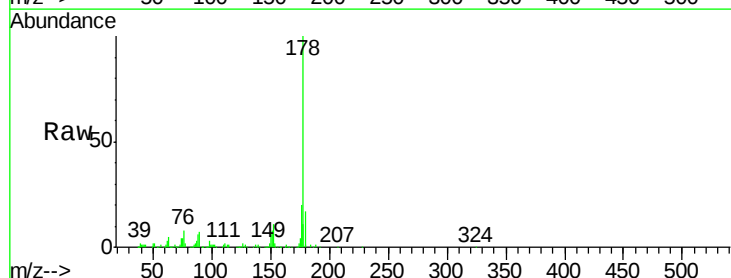
RT: 17.22 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG016959.D

Acq: 8 May 2015 16:34

Tgt	Ion	Ratio	Resp	Lower	Upper
178	100		106892		
176	19.6		16.0	24.0	
179	17.0		13.0	19.6	

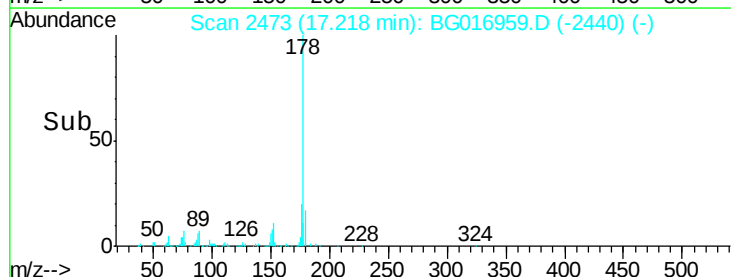


Abundance Ion 178.00 (177.70 to 178.70): E

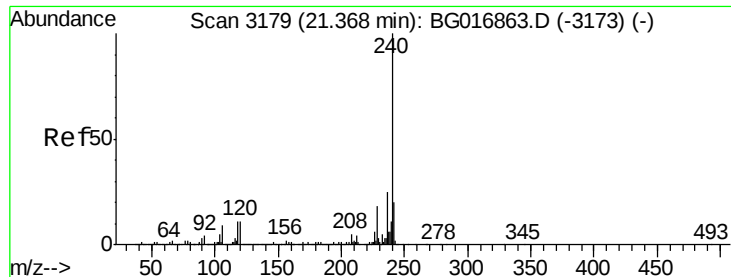
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG016959.D

Acq: 8 May 2015 16:34

Instrument :

BNA_G

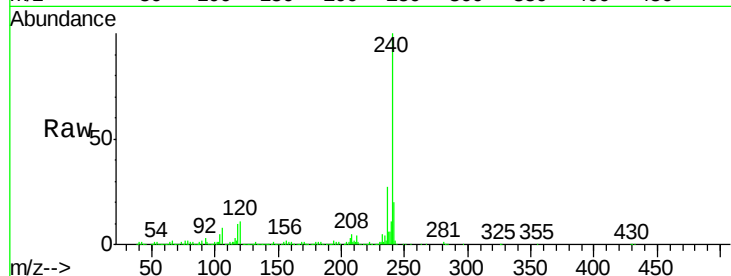
ClientSampleId :

DBMW-03DL

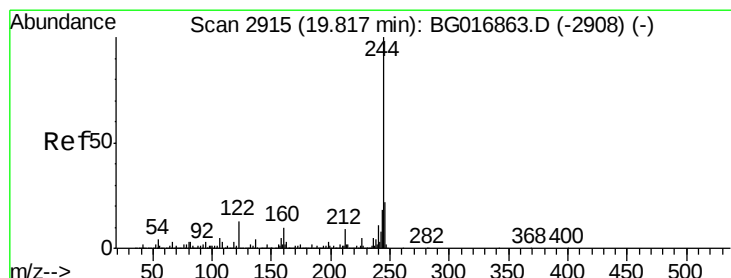
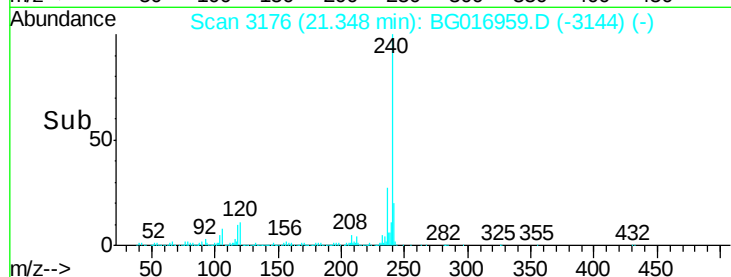
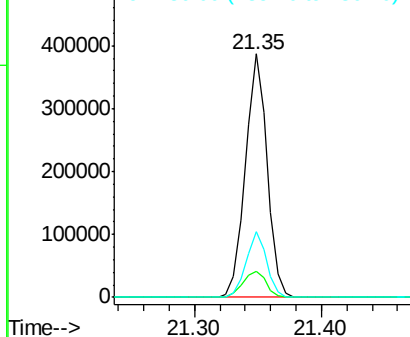
Tgt Ion:	240	Resp:	460003
Ion Ratio		Lower	Upper
240	100		
120	10.9	9.1	13.7
236	26.7	20.2	30.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 9.66 ng

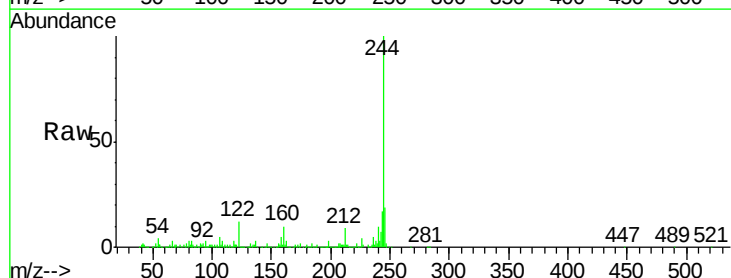
RT: 19.80 min Scan# 2912

Delta R.T. -0.01 min

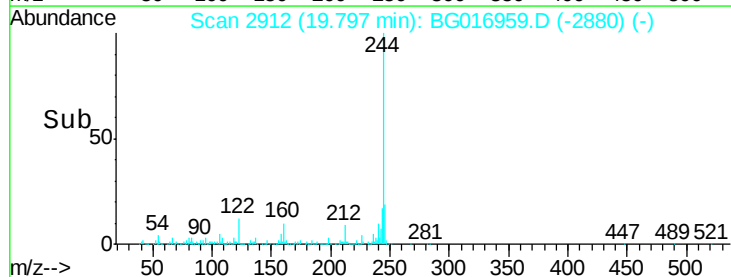
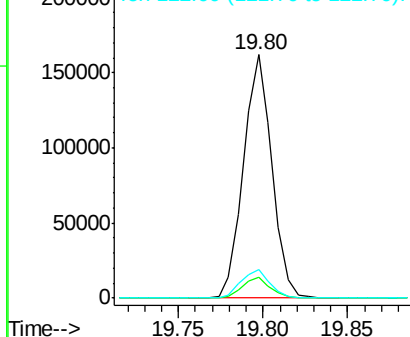
Lab File: BG016959.D

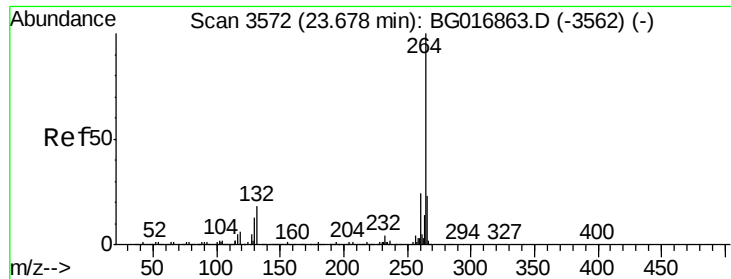
Acq: 8 May 2015 16:34

Tgt Ion:	244	Resp:	189533
Ion Ratio		Lower	Upper
244	100		
212	8.7	7.0	10.6
122	11.6	10.4	15.6



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: 23.65 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG016959.D
Acq: 8 May 2015 16:34

Instrument :
BNA_G
ClientSampleId :
DBMW-03DL

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.2	18.5	27.7

Manual Integrations
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