

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003763.D
 Acq On : 24 Dec 2015 04:41
 Operator : UM/SJ
 Sample : G4793-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-03-121115

Manual Integrations
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Sohil
 12/24/2015 5:29:39 PM

Quant Time: Dec 24 16:18:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	48244	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	214085	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	118616	5.00	ng	0.00
19) Phenanthrene-d10	17.07	188	276670	5.00	ng	0.00
26) Chrysene-d12	21.28	240	266329	5.00	ng	-0.01
35) Perylene-d12	23.52	264	197112	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	42949	3.77	ng	0.00
5) Phenol-d6	6.87	99	34801	2.49	ng	0.00
8) Nitrobenzene-d5	8.85	82	50449	4.45	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	28427	7.63	ng	-0.02
15) 2-Fluorobiphenyl	12.95	172	170992	4.71	ng	0.00
29) Terphenyl-d14	19.71	244	165658	3.92	ng	0.00
Target Compounds						
10) Naphthalene	10.51	128	36194	0.74	ng	Qvalue 100
12) 2-Methylnaphthalene	12.14	142	9161	0.28	ng	91
17) Acenaphthene	14.40	154	6093m	0.20	ng	
18) Fluorene	15.38	166	11298	0.27	ng	96
22) Pentachlorophenol	16.74	266	1552	0.63	ng	# 81
23) Phenanthrene	17.12	178	32984m	0.15	ng	
24) Anthracene	17.17	178	22888m	0.39	ng	
25) Fluoranthene	19.15	202	5845	0.16	ng	99
33) Bis(2-ethylhexyl)phthalate	21.17	149	3650	0.25	ng	# 50

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

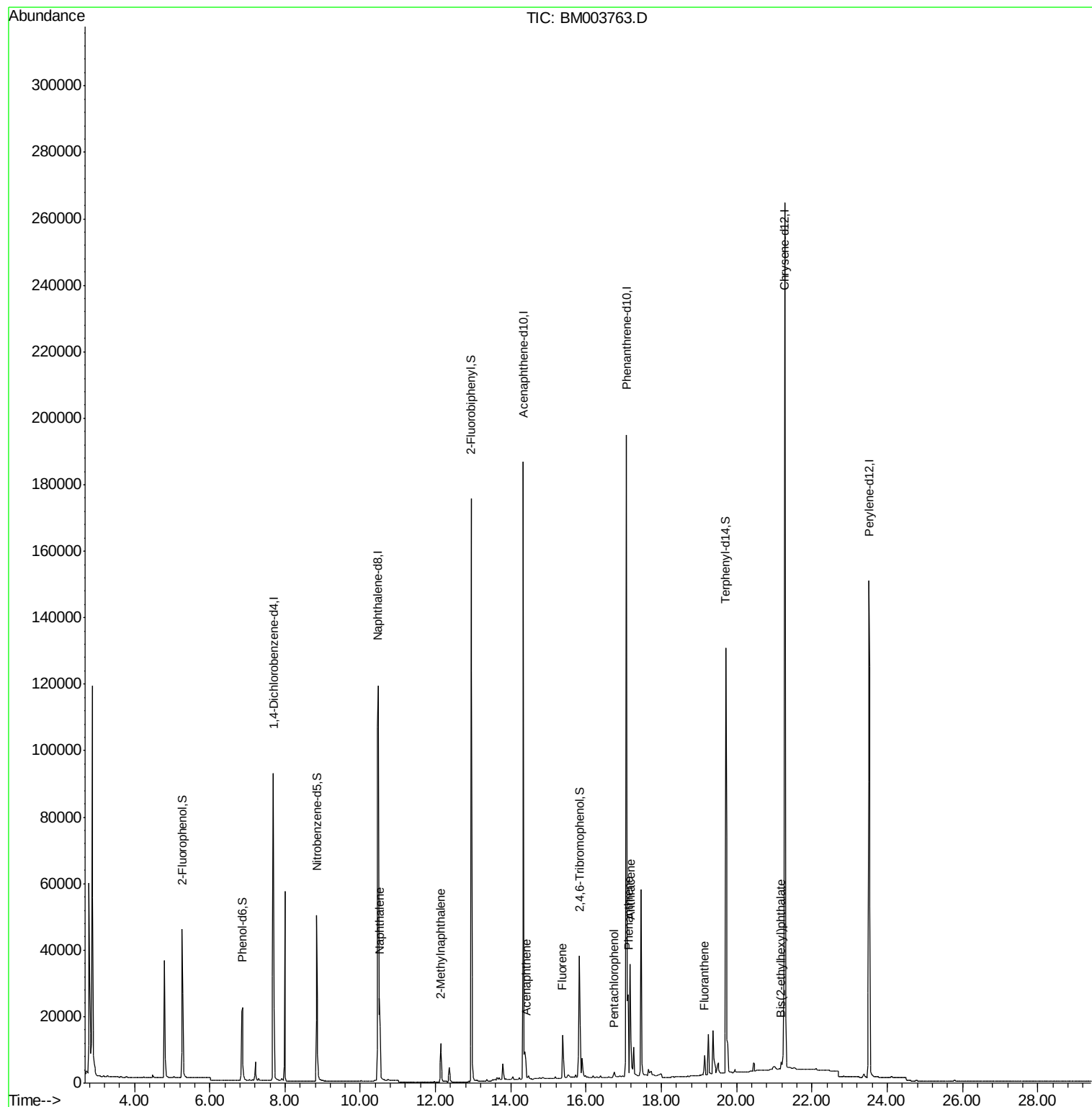
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003763.D
Acq On : 24 Dec 2015 04:41
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Sample : G4793-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

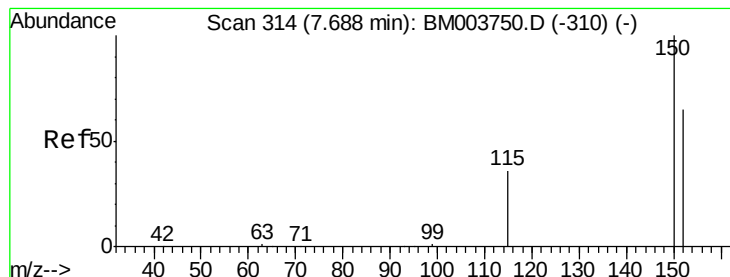
Instrument :
BNA_M
ClientSampleId :
MW-03-121115

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Quant Time: Dec 24 16:18:59 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

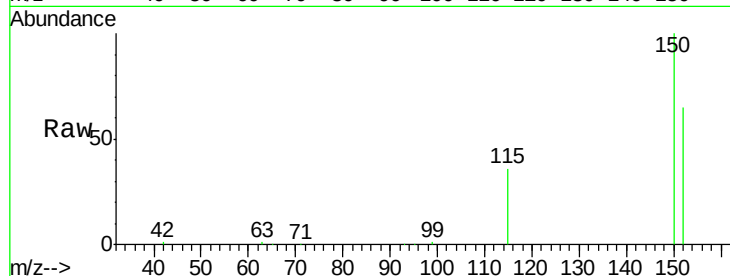
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :
MW-03-121115

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.9	184.3
115	54.7	44.4	66.6

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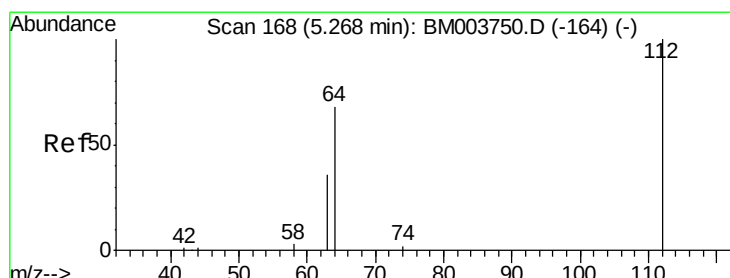
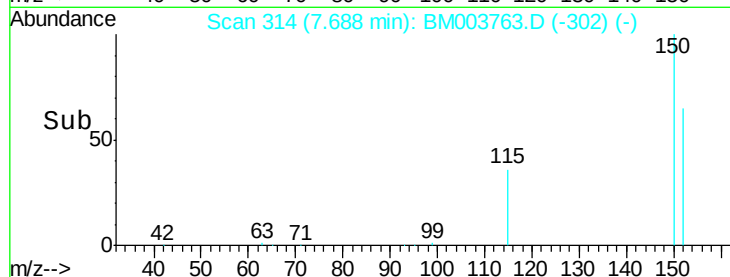
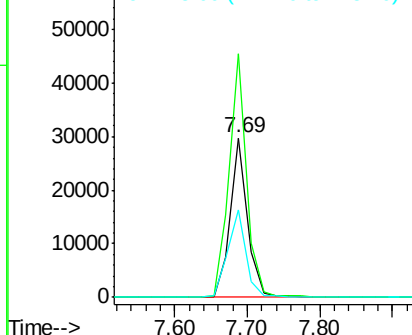


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

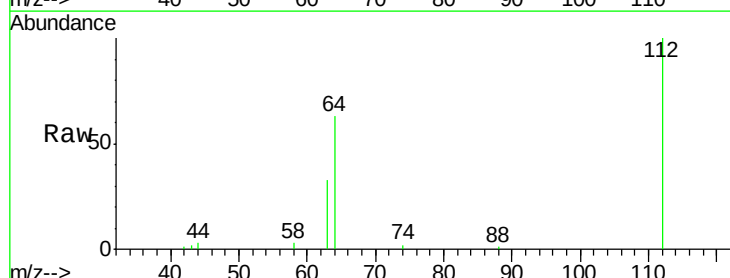
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 3.77 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.8
63	27.6	22.1	33.1

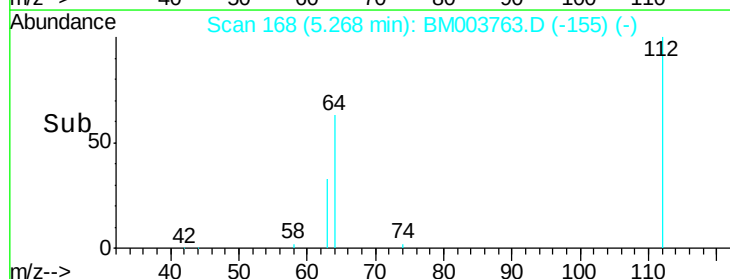
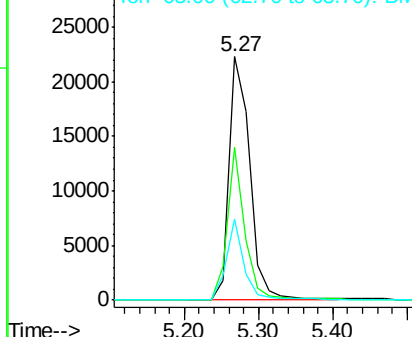


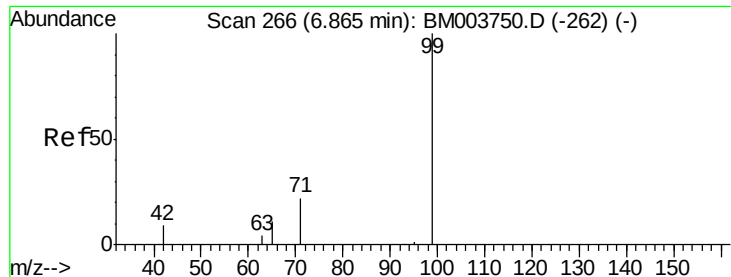
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.49 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Instrument :

BNA_M

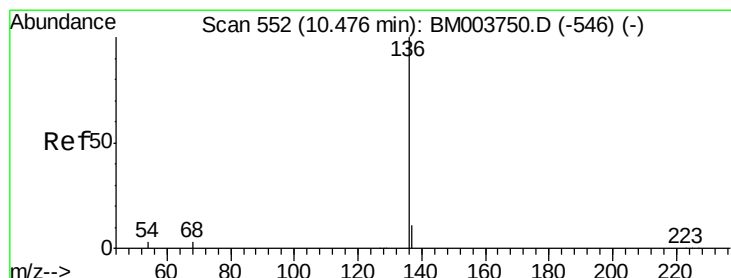
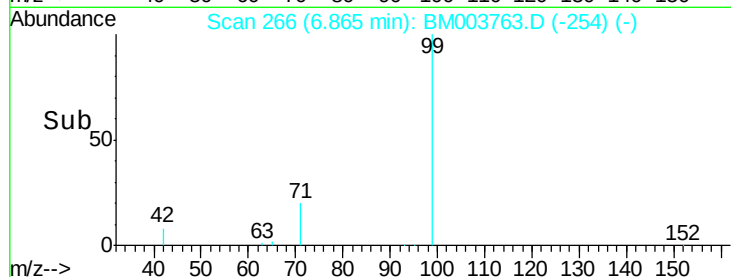
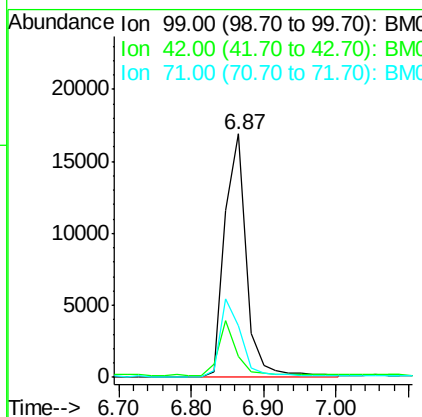
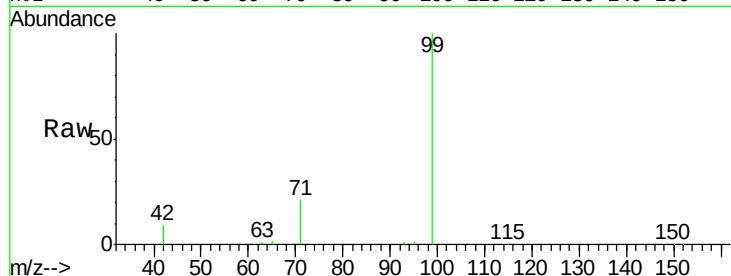
ClientSampleId :

MW-03-121115

Tot Ion:	99	Resp:	34801
Ion Ratio	Lower	Upper	
99	100		
42	18.7	16.2	24.2
71	30.8	24.4	36.6

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#7

Naphthalene-d8

Concen: 5.00 ng

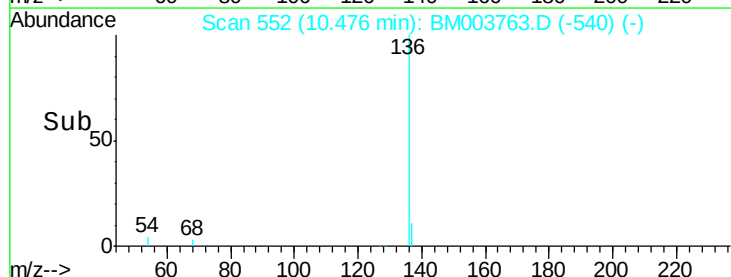
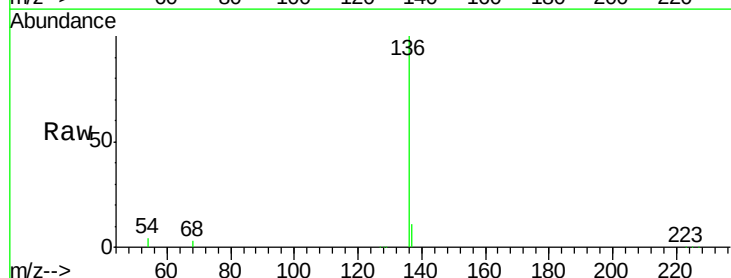
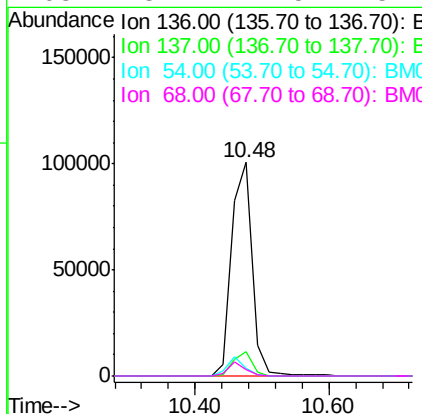
RT: 10.48 min Scan# 552

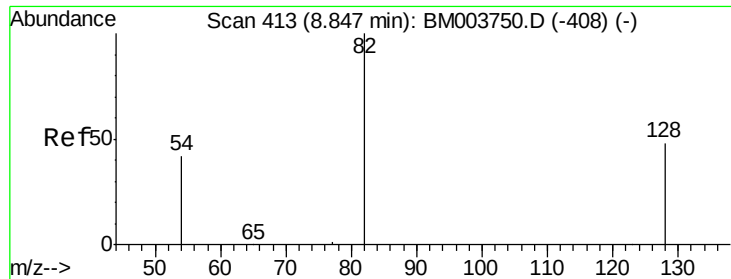
Delta R.T. 0.00 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Tgt Ion:	136	Resp:	214085
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	3.7	2.8	4.2
68	3.2	2.5	3.7





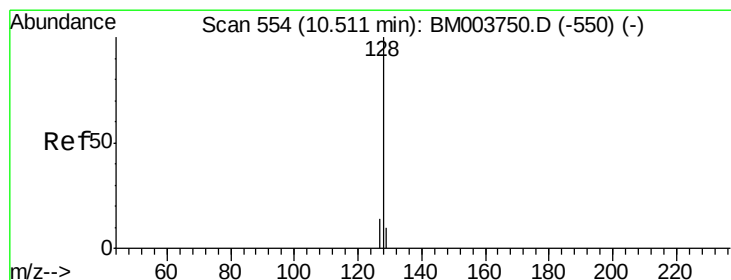
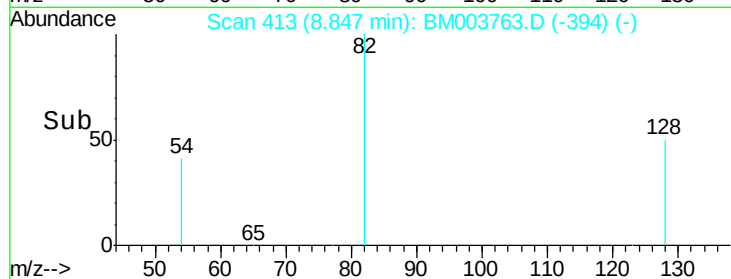
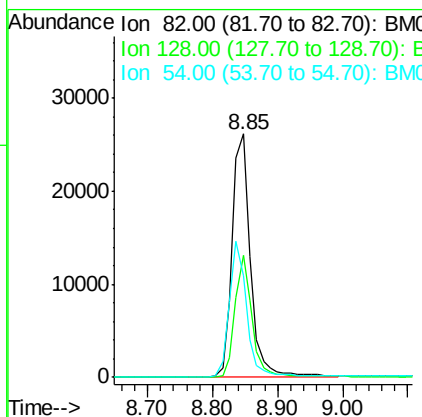
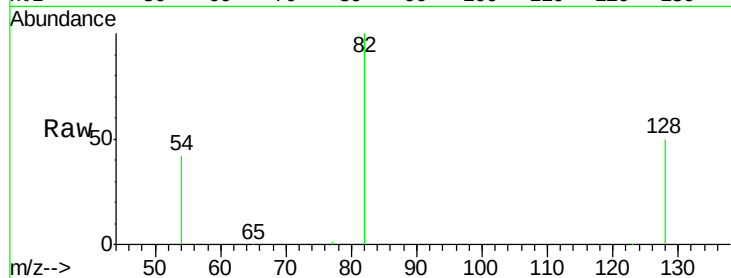
#8
 Nitrobenzene-d5
 Concen: 4.45 ng
 RT: 8.85 min Scan# 413
 Delta R.T. 0.00 min
 Lab File: BM003763.D
 Acq: 24 Dec 2015 04:41

Instrument :
 BNA_M
 ClientSampleId :
 MW-03-121115

Tot Ion	82	Resp	50449
Ion Ratio	Lower	Upper	
82	100		
128	50.0	39.1	58.7
54	41.7	34.8	52.2

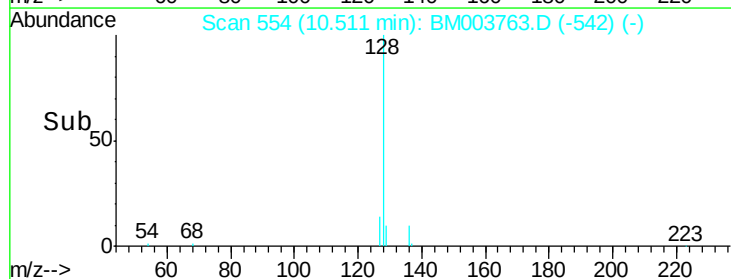
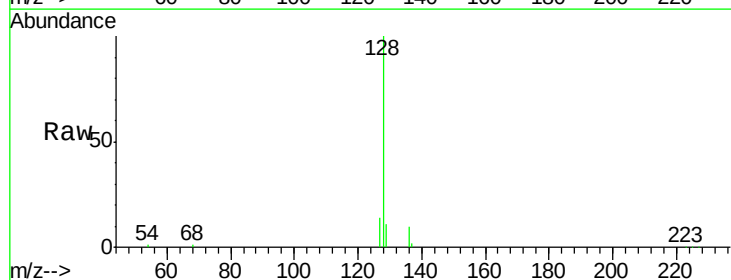
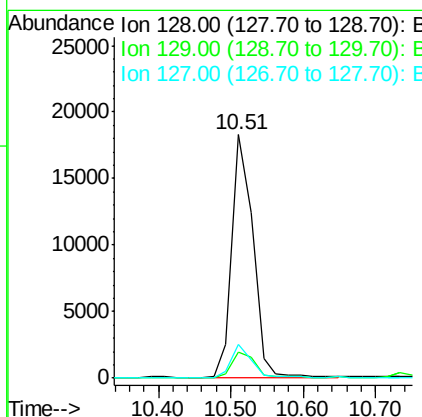
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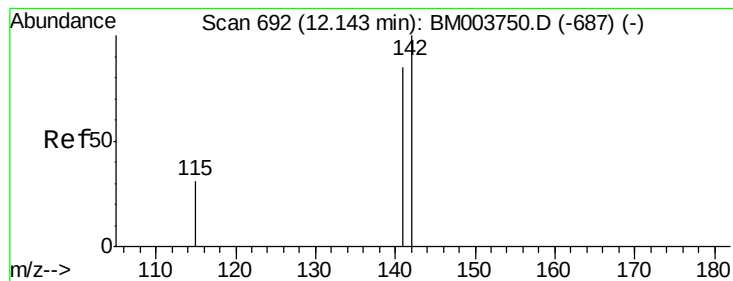
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#10
 Naphthalene
 Concen: 0.74 ng
 RT: 10.51 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BM003763.D
 Acq: 24 Dec 2015 04:41

Tgt Ion	128	Resp	36194
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.5	12.7
127	13.9	11.0	16.4





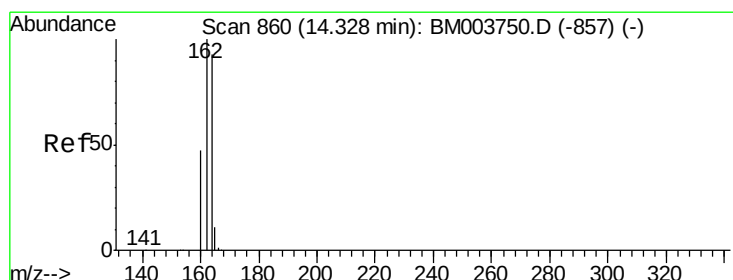
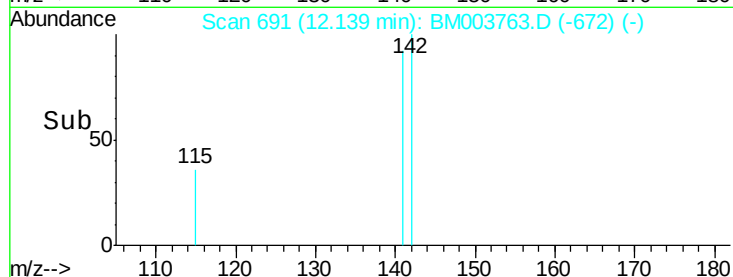
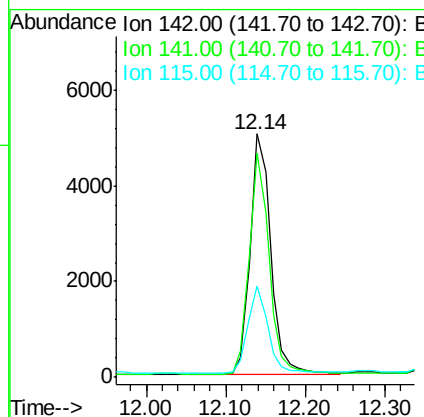
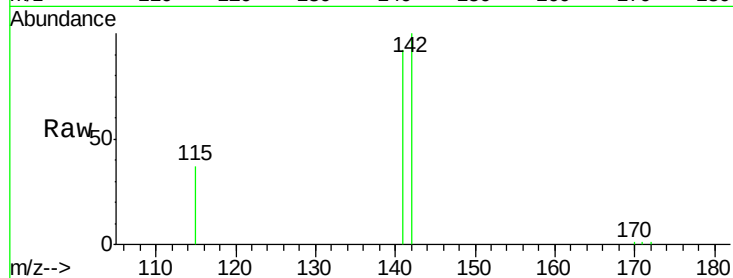
#12
2-Methylnaphthalene
Concen: 0.28 ng
RT: 12.14 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :
MW-03-121115

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.8	101.8
115	37.5	25.3	37.9

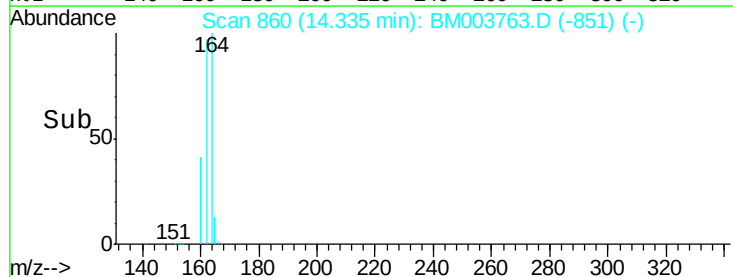
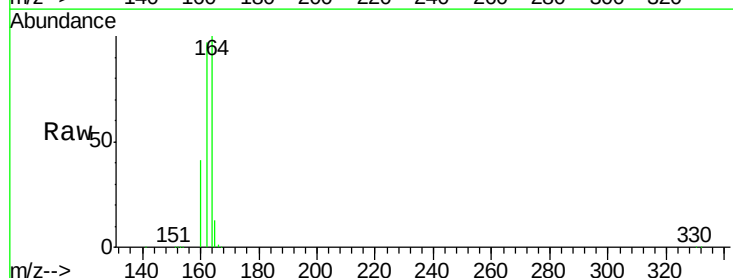
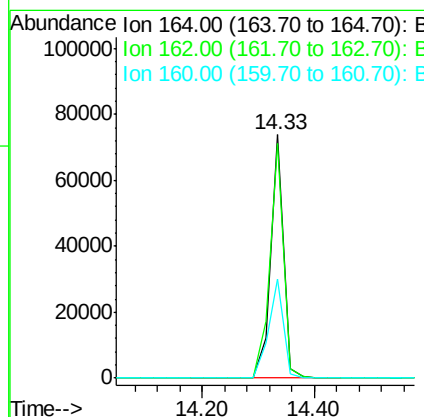
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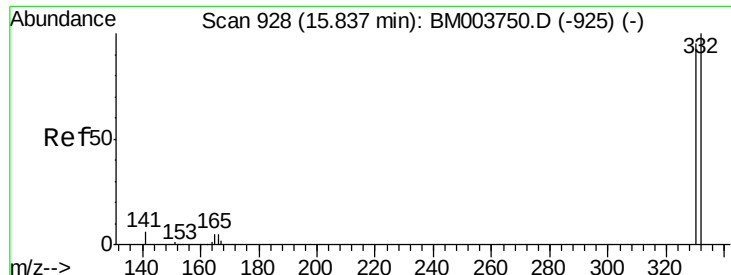
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#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	86.0	129.0
160	40.6	40.3	60.5





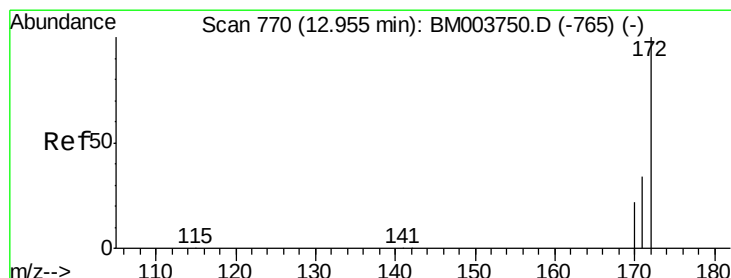
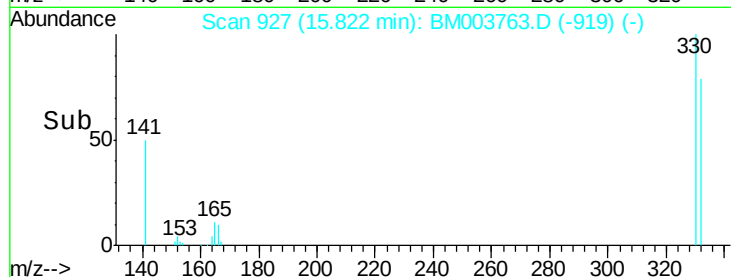
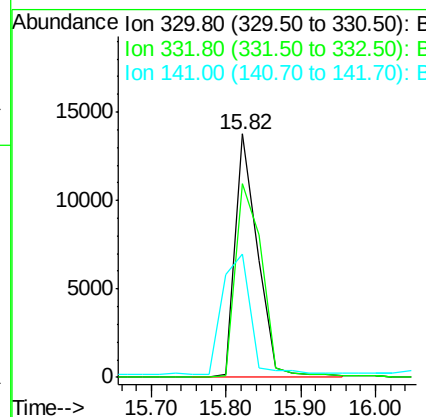
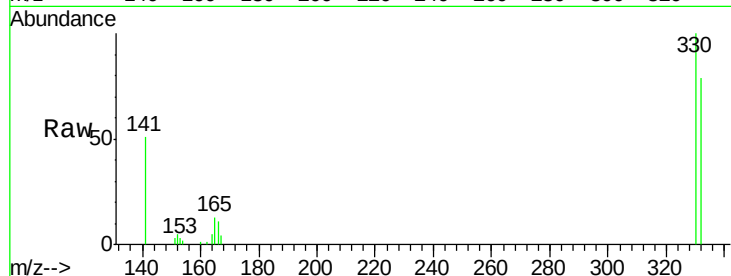
#14
 2,4,6-Tribromophenol
 Concen: 7.63 ng
 RT: 15.82 min Scan# 927
 Delta R.T. -0.02 min
 Lab File: BM003763.D
 Acq: 24 Dec 2015 04:41

Instrument :
 BNA_M
 ClientSampleId :
 MW-03-121115

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	79.0	118.4
141	63.6	0.0	0.0#

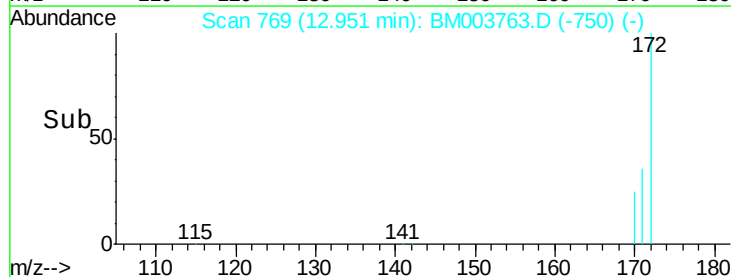
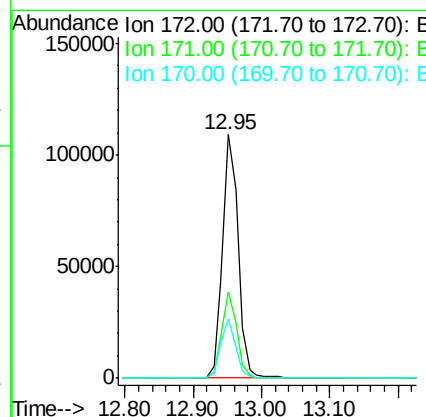
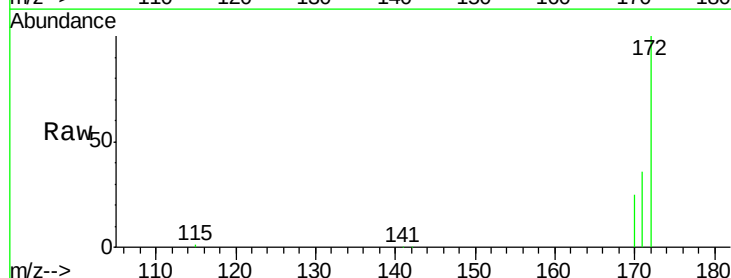
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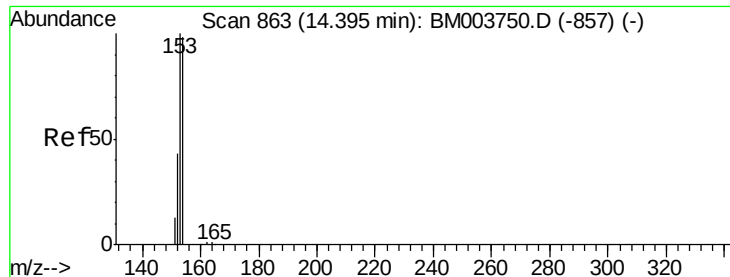
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#15
 2-Fluorobiphenyl
 Concen: 4.71 ng
 RT: 12.95 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BM003763.D
 Acq: 24 Dec 2015 04:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.0	40.6
170	24.6	17.9	26.9





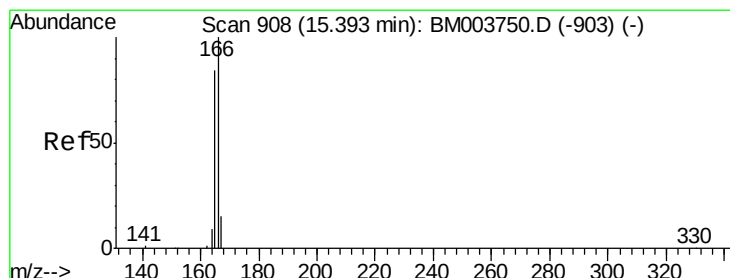
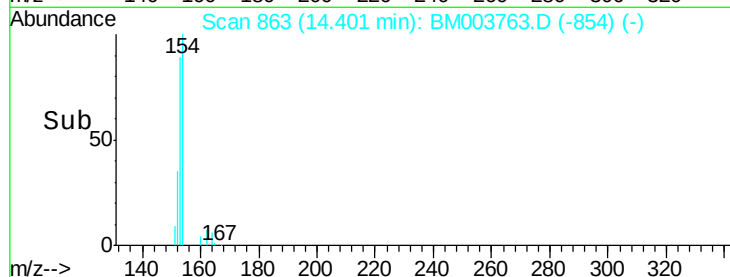
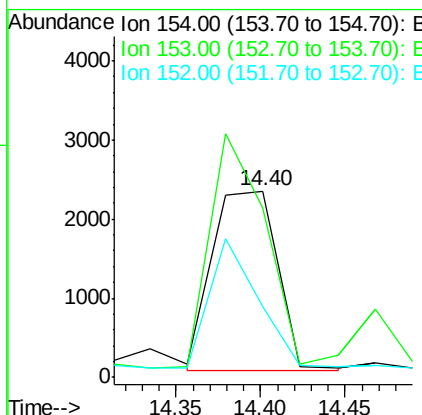
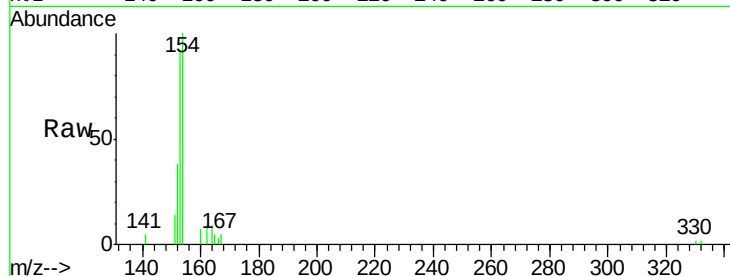
#17
Acenaphthene
Concen: 0.20 ng m
RT: 14.40 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :
MW-03-121115

Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	85.4	128.2#
152	0.0	40.6	60.8#

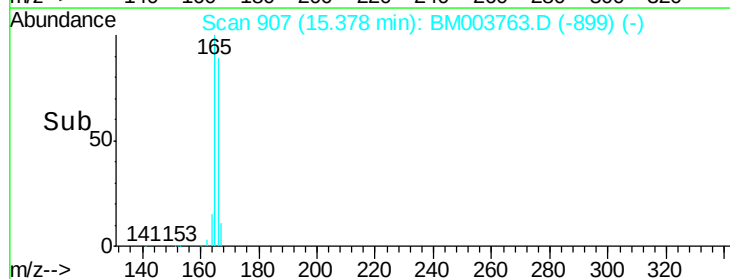
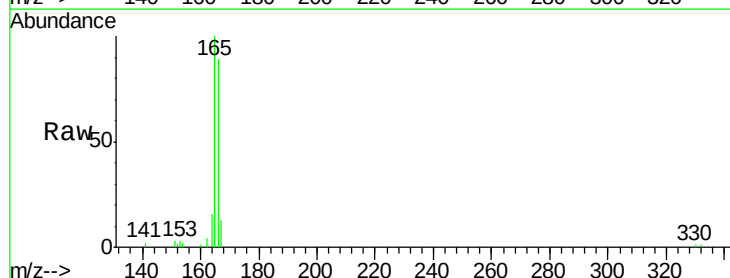
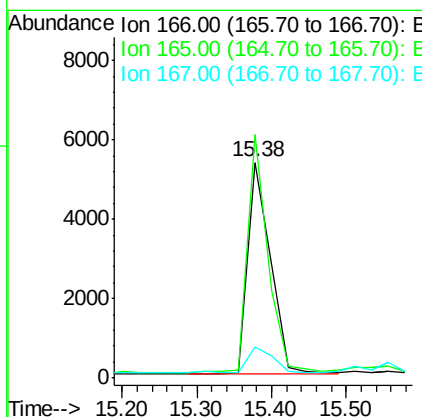
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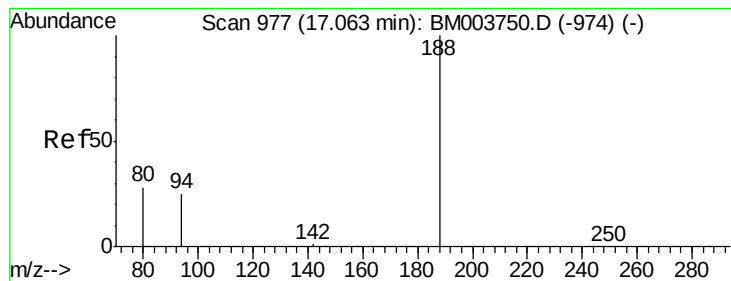
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#18
Fluorene
Concen: 0.27 ng
RT: 15.38 min Scan# 907
Delta R.T. -0.02 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.2	115.8
167	13.9	11.0	16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.07 min Scan# 977

Delta R.T. 0.01 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Instrument :

BNA_M

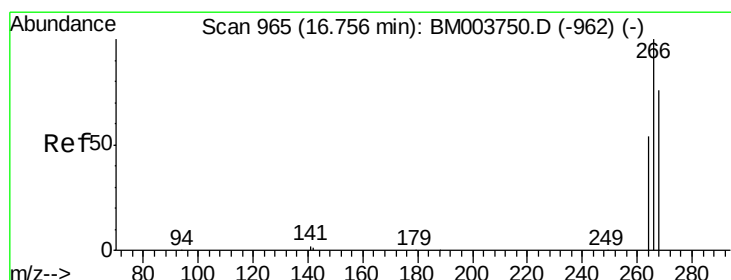
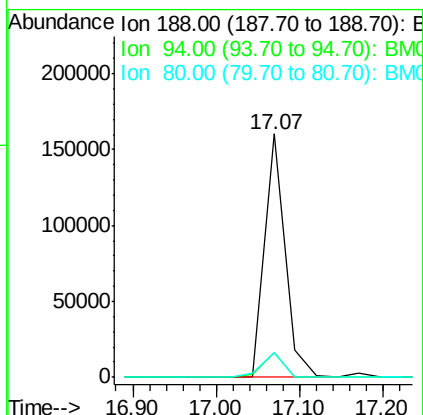
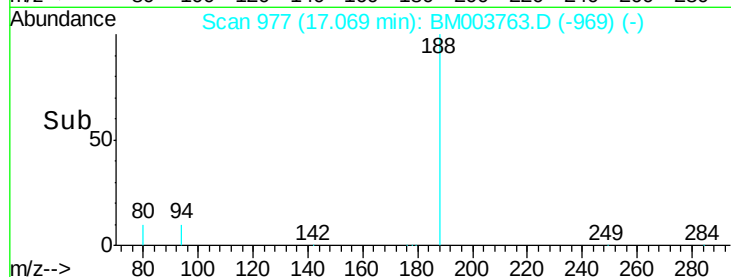
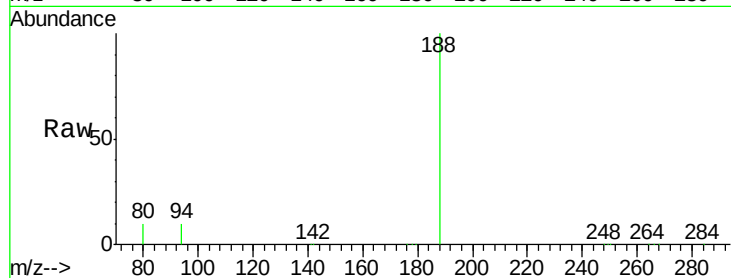
ClientSampleId :

MW-03-121115

Manual Integrations
APPROVED

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Tot Ion	Ratio	Resp	Lower	Upper
188	100	276670		
94	10.4	20.3	30.5#	
80	9.9	22.2	33.4#	



#22

Pentachlorophenol

Concen: 0.63 ng

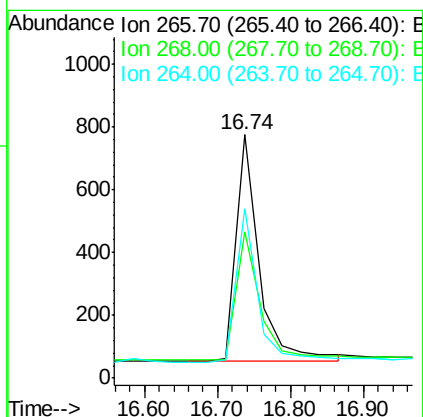
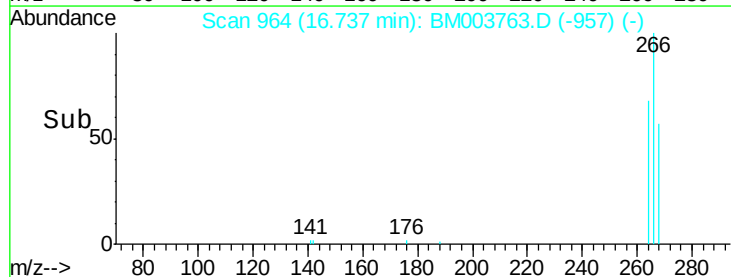
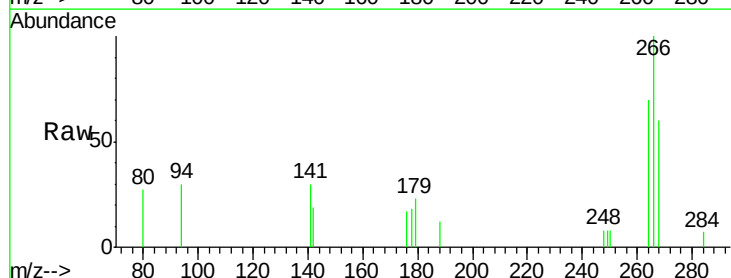
RT: 16.74 min Scan# 964

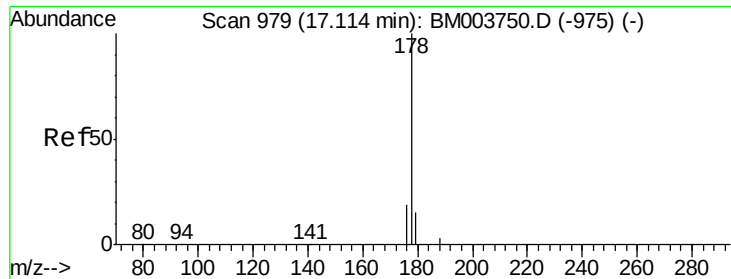
Delta R.T. -0.02 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1552		
268	60.2	62.7	94.1#	
264	69.6	45.7	68.5#	





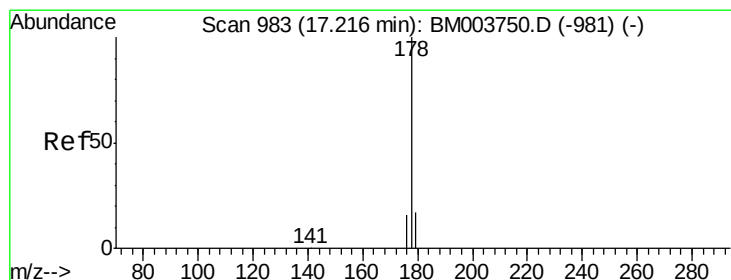
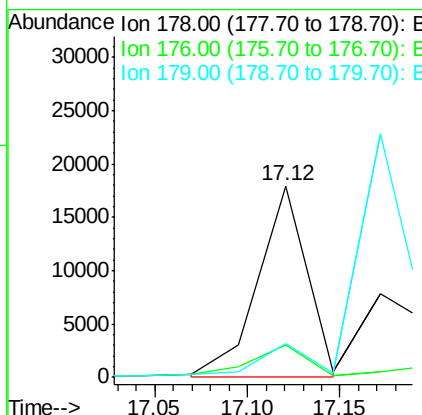
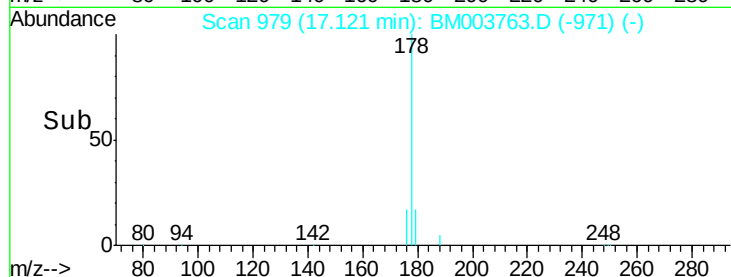
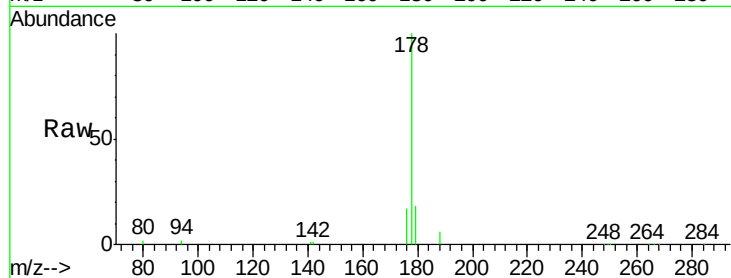
#23
Phenanthrene
Concen: 0.15 ng m
RT: 17.12 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Instrument :
BNA_M
ClientSampleId :
MW-03-121115

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	0.0	12.2	18.4

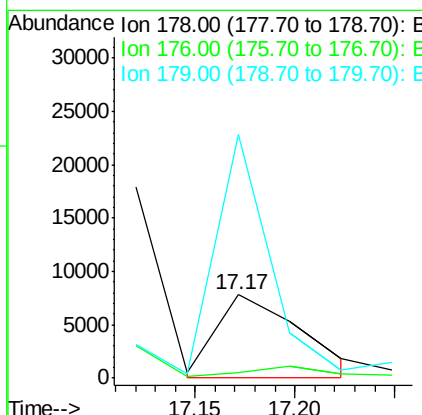
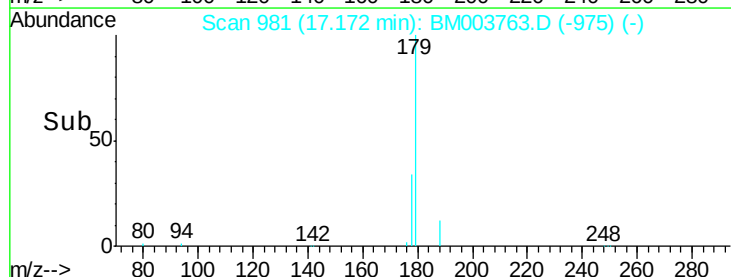
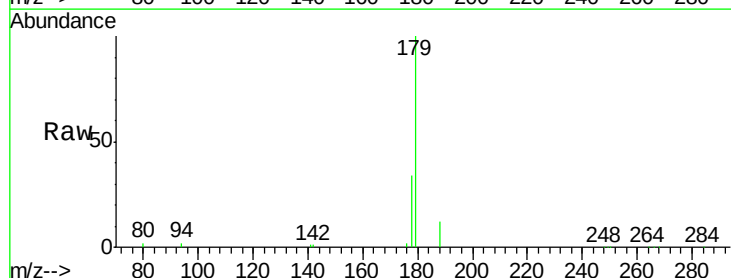
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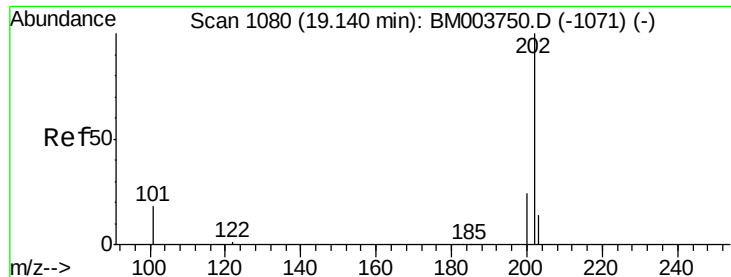
Sohil
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#24
Anthracene
Concen: 0.39 ng m
RT: 17.17 min Scan# 981
Delta R.T. -0.04 min
Lab File: BM003763.D
Acq: 24 Dec 2015 04:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.8	14.6	21.8
179	0.0	12.6	19.0





#25

Fluoranthene

Concen: 0.16 ng

RT: 19.15 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Instrument :

BNA_M

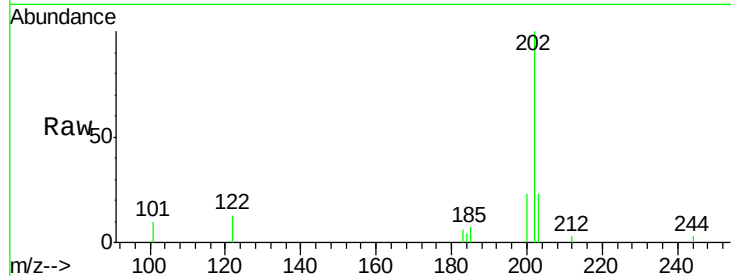
ClientSampleId :

MW-03-121115

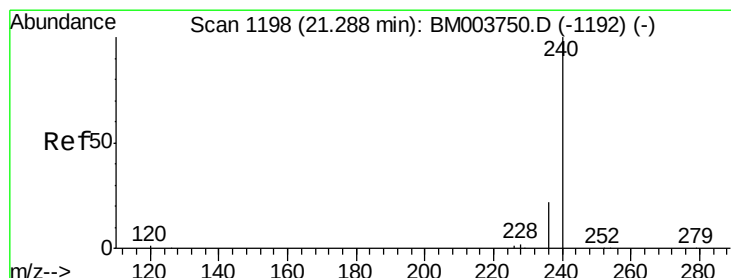
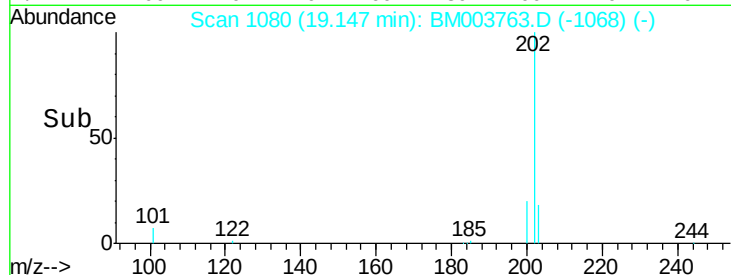
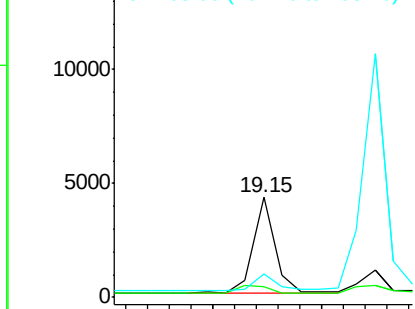
Tot Ion:	202	Resp:	5845
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.7	14.5
203	17.9	13.8	20.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

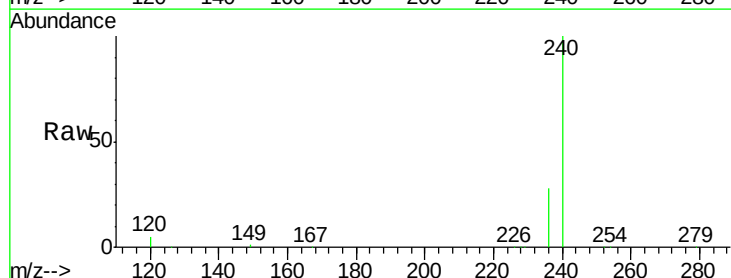
RT: 21.28 min Scan# 1197

Delta R.T. -0.01 min

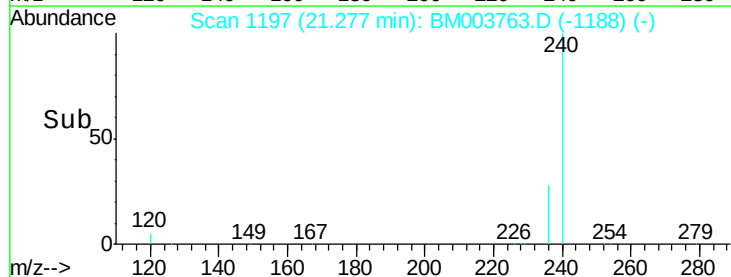
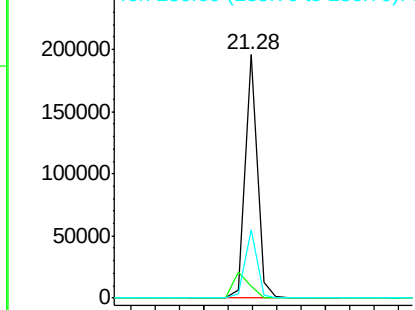
Lab File: BM003763.D

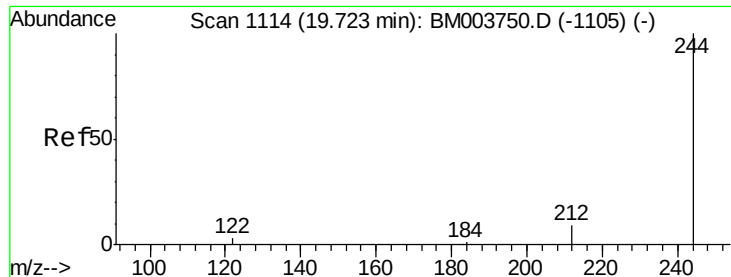
Acq: 24 Dec 2015 04:41

Tgt Ion:	240	Resp:	266329
Ion Ratio	Lower	Upper	
240	100		
120	5.0	0.9	1.3#
236	27.9	17.3	25.9#



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





#29

Terphenyl-d14

Concen: 3.92 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Instrument :

BNA_M

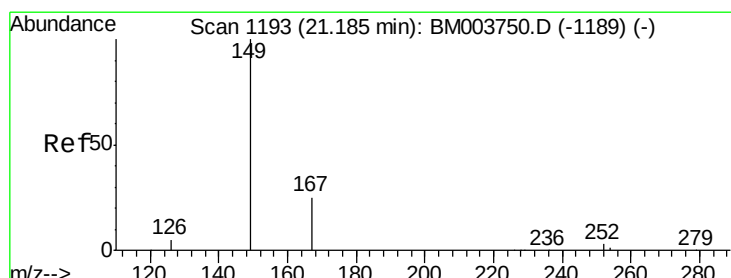
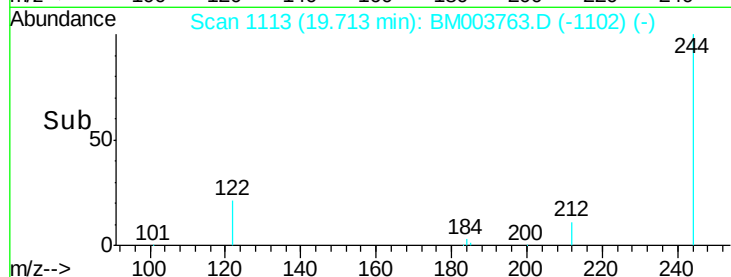
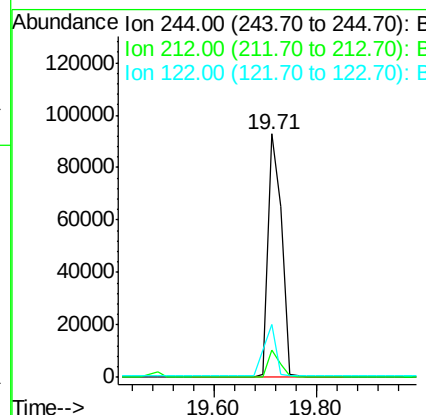
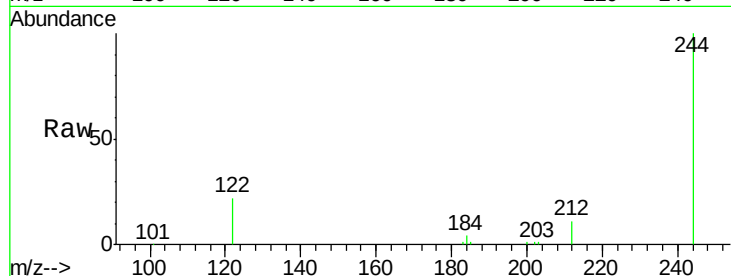
ClientSampleId :

MW-03-121115

Tot Ion:	244	Resp:	165658
Ion Ratio	Lower	Upper	
244	100		
212	11.4	7.0	10.6#
122	21.8	3.0	4.6#

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#33

Bis(2-ethylhexyl)phthalate

Concen: 0.25 ng

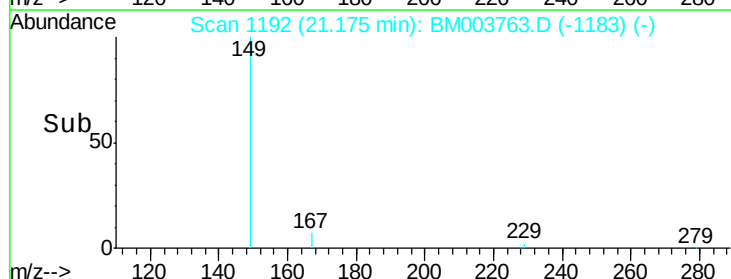
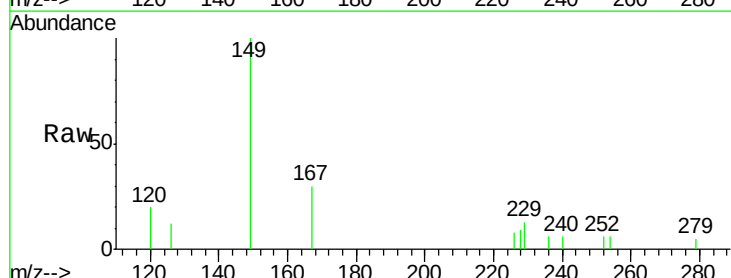
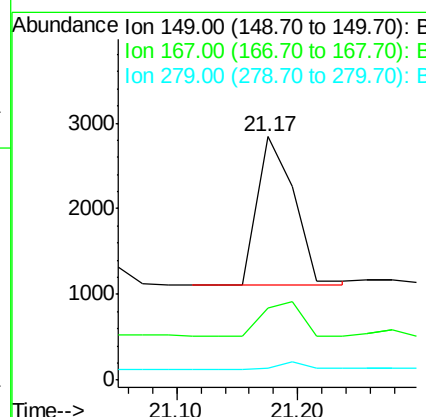
RT: 21.17 min Scan# 1192

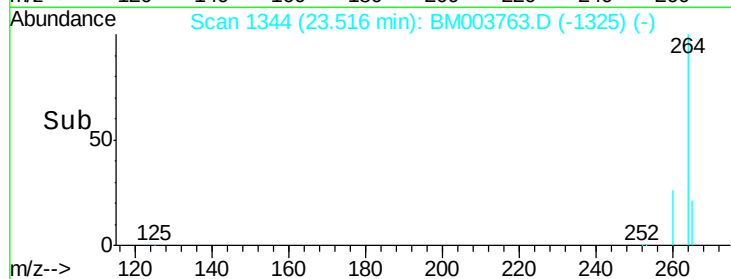
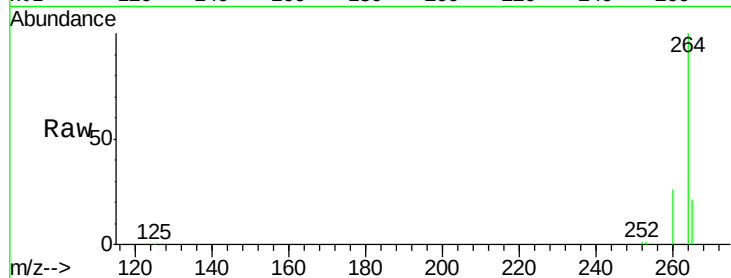
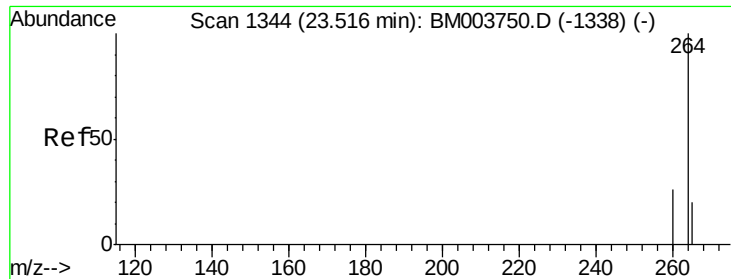
Delta R.T. -0.01 min

Lab File: BM003763.D

Acq: 24 Dec 2015 04:41

Tgt Ion:	149	Resp:	3650
Ion Ratio	Lower	Upper	
149	100		
167	0.0	20.1	30.1#
279	0.0	0.0	0.0





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BM003763.D
 Acq: 24 Dec 2015 04:41

Instrument :
 BNA_M
 ClientSampleId :
 MW-03-121115

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	21.2	16.7	25.1

Manual Integrations
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