

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
 Data File : BM003764.D
 Acq On : 24 Dec 2015 05:17
 Operator : UM/SJ
 Sample : G4793-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02-121115

Manual Integrations
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 12/24/2015 5:29:36 PM

Quant Time: Dec 24 14:49:59 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	43167	5.00	ng	0.00
7) Naphthalene-d8	10.48	136	195076	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	148196	5.00	ng	0.00
19) Phenanthrene-d10	17.09	188	204887	5.00	ng	0.03
26) Chrysene-d12	21.29	240	218354	5.00	ng	0.00
35) Perylene-d12	23.52	264	205558	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	35620	3.49	ng	0.00
5) Phenol-d6	6.87	99	29431	2.36	ng	0.00
8) Nitrobenzene-d5	8.85	82	46020	4.45	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	31821	6.85	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	148816	3.28	ng	0.00
29) Terphenyl-d14	19.72	244	150049	4.34	ng	0.00
Target Compounds						
10) Naphthalene	10.51	128	82735	1.86	ng	# 78
12) 2-Methylnaphthalene	12.14	142	12445	0.42	ng	# 91
17) Acenaphthene	14.39	154	108265	2.58	ng	# 81
18) Fluorene	15.39	166	167671	3.39	ng	# 91
23) Phenanthrene	17.11	178	62030m	1.10	ng	
24) Anthracene	17.19	178	18253m	0.42	ng	
25) Fluoranthene	19.14	202	12496	0.28	ng	99
28) Pyrene	19.52	202	8845	0.08	ng	# 82
33) Bis(2-ethylhexyl)phthalate	21.19	149	3699	0.27	ng	# 96

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

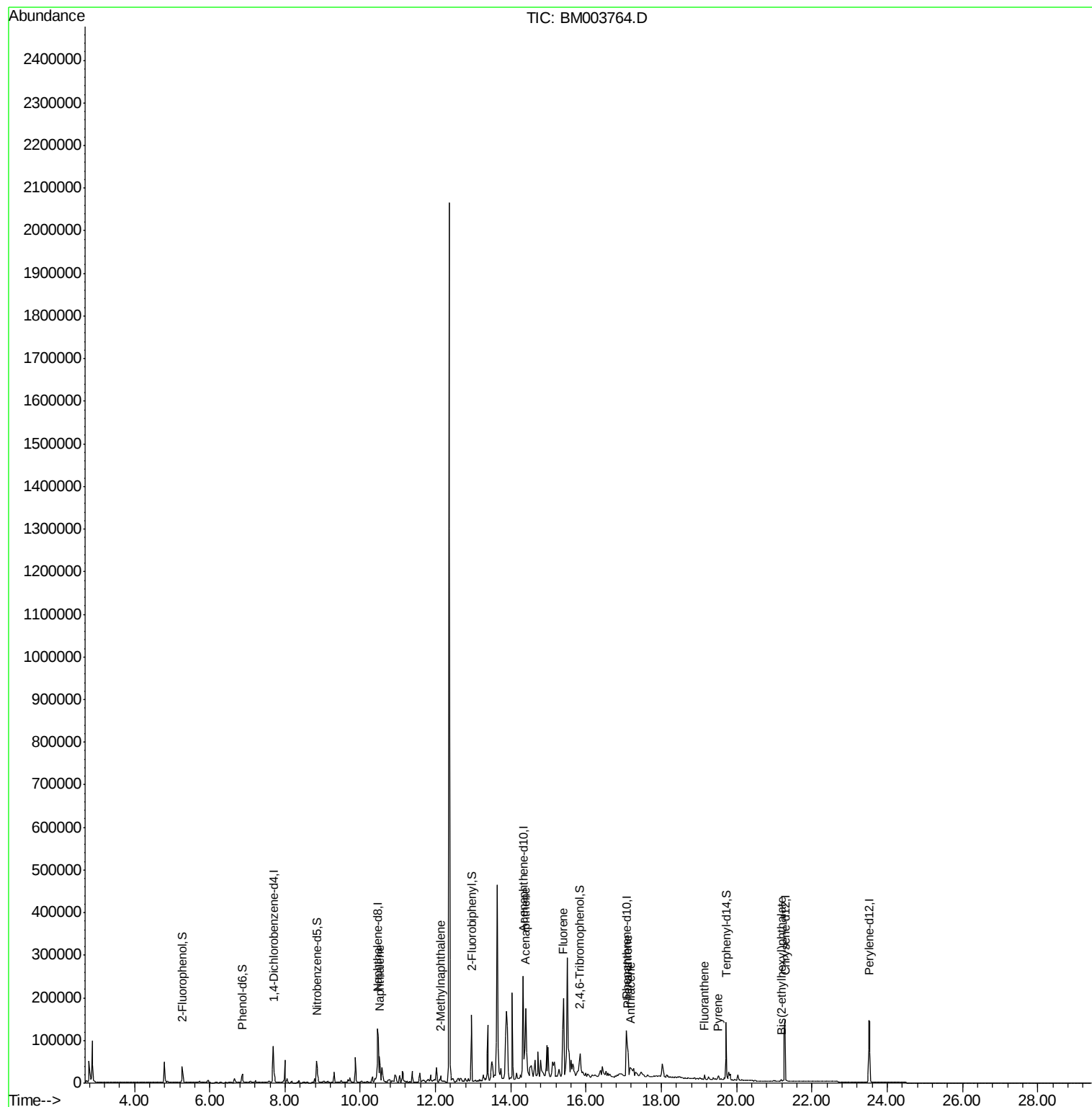
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122415\
Data File : BM003764.D
Acq On : 24 Dec 2015 05:17
Operator : UM/SJ
Sample : G4793-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

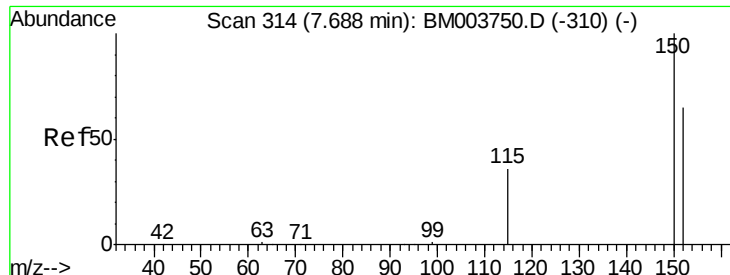
Instrument :
BNA_M
ClientSampleId :
MW-02-121115

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#1

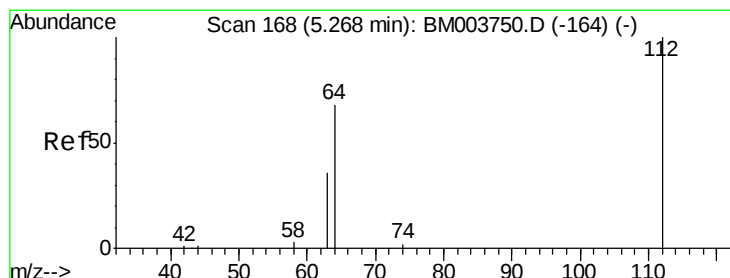
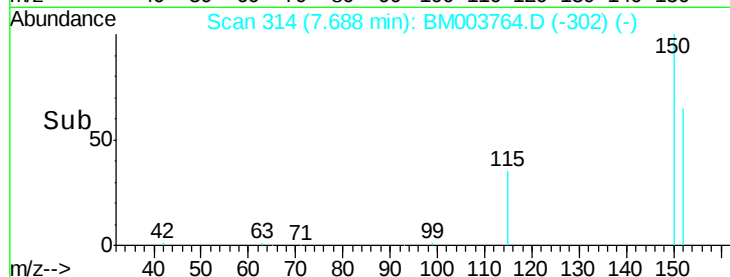
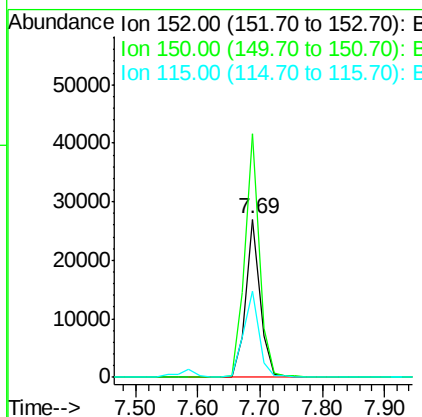
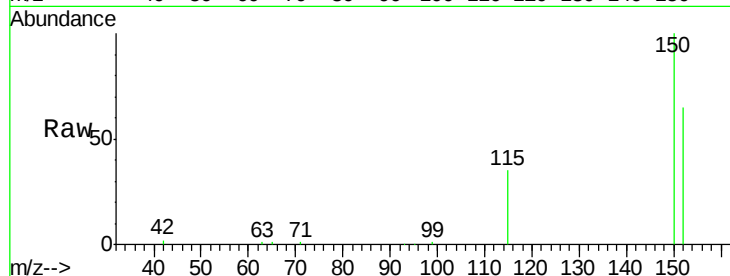
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Instrument :
BNA_M
ClientSampleId :
MW-02-121115

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.9	184.3
115	54.5	44.4	66.6

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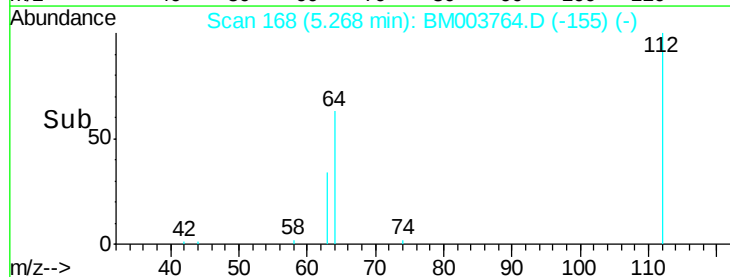
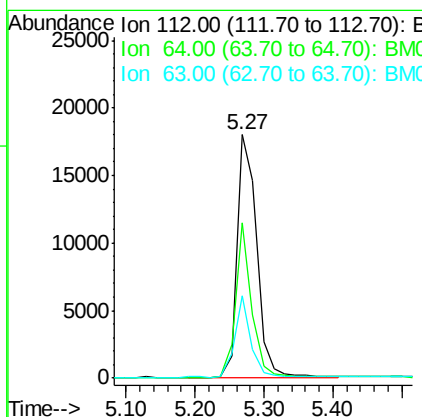
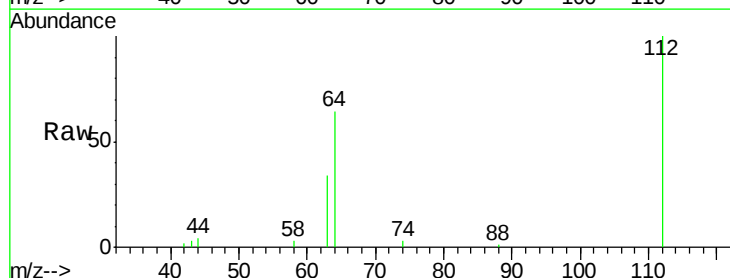
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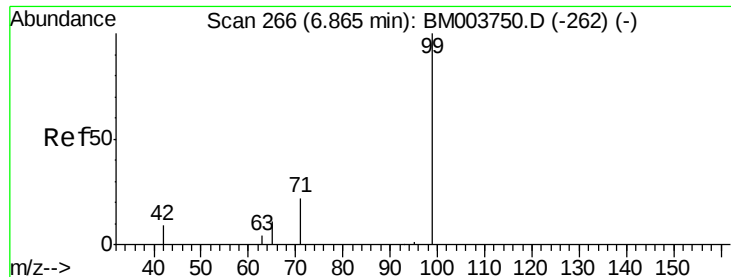


#4

2-Fluorophenol
Concen: 3.49 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.8	62.8
63	27.6	22.1	33.1





#5

Phenol-d6

Concen: 2.36 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Instrument :

BNA_M

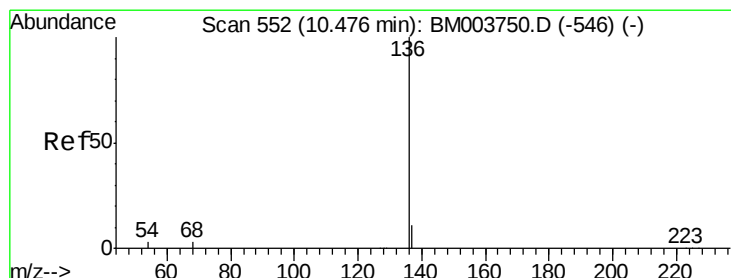
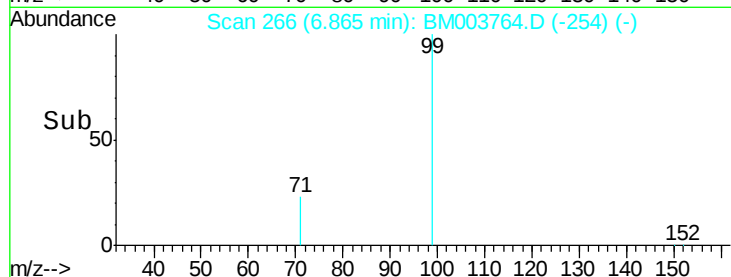
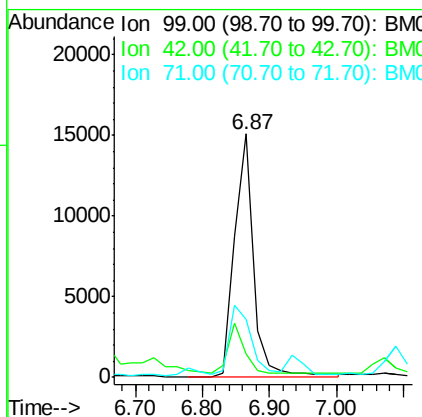
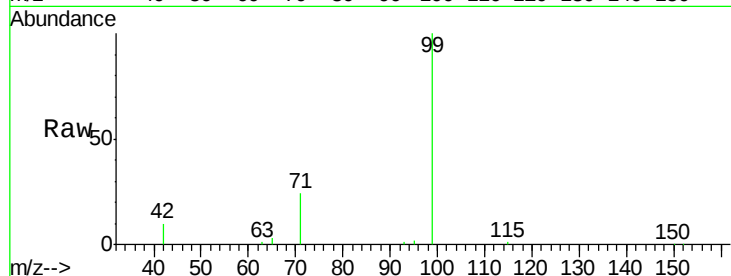
ClientSampleId :

MW-02-121115

Tot Ion:	99	Resp:	29431
Ion Ratio	Lower	Upper	
99	100		
42	18.2	16.2	24.2
71	32.7	24.4	36.6

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#7

Naphthalene-d8

Concen: 5.00 ng

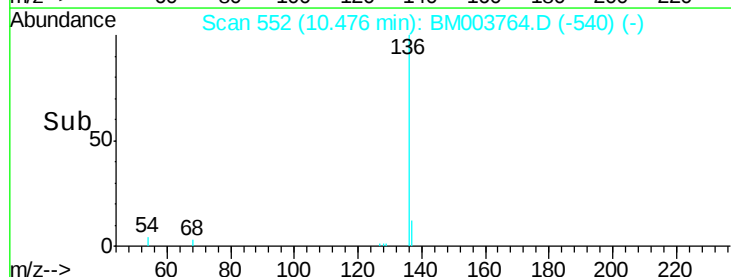
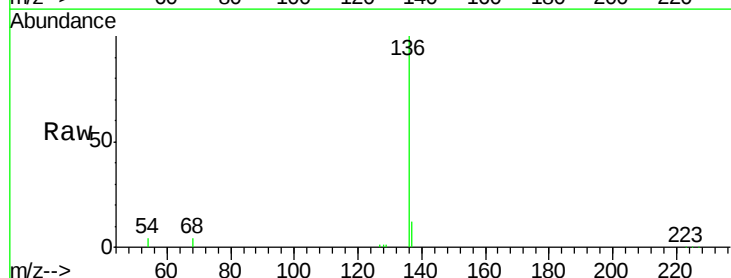
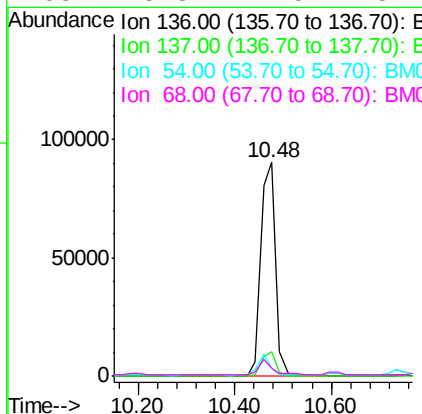
RT: 10.48 min Scan# 552

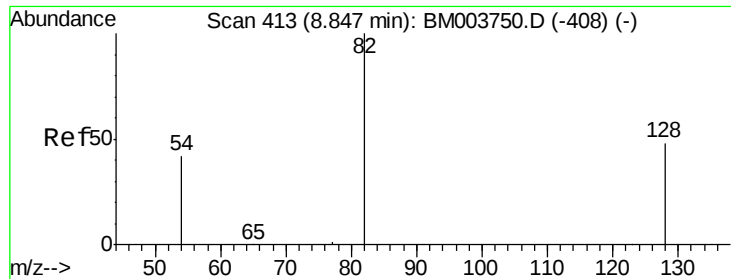
Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Tgt Ion:	136	Resp:	195076
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.2	13.8
54	3.9	2.8	4.2
68	3.8	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: BM003764.D

Acq: 24 Dec 2015 05:17

Instrument :

BNA_M

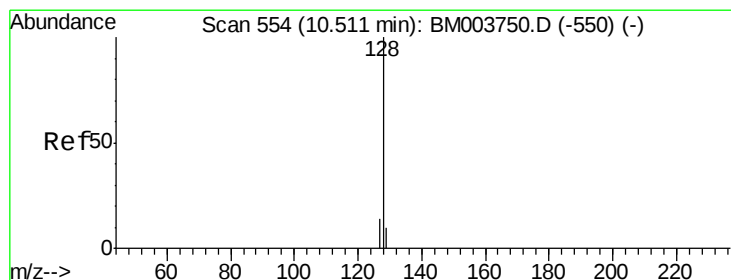
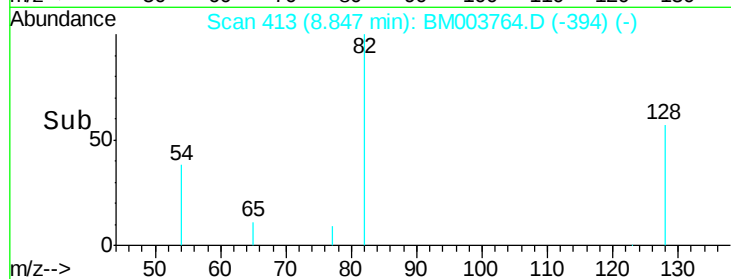
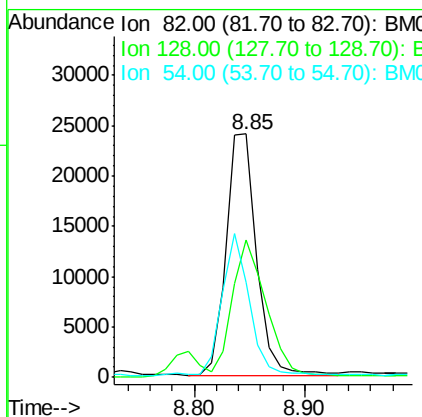
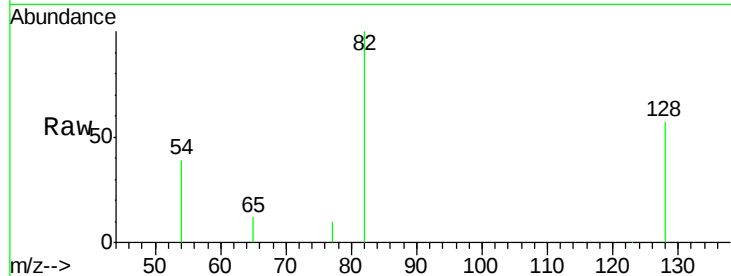
ClientSampleId :

MW-02-121115

Tot Ion:	82	Resp:	46020
Ion Ratio	Lower	Upper	
82	100		
128	56.5	39.1	58.7
54	39.1	34.8	52.2

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#10

Naphthalene

Concen: 1.86 ng

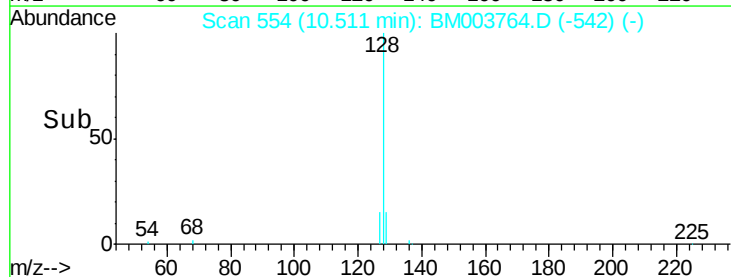
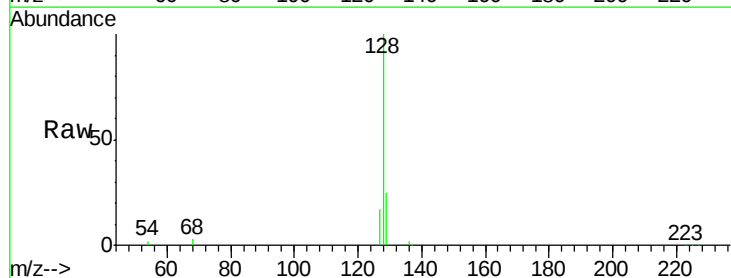
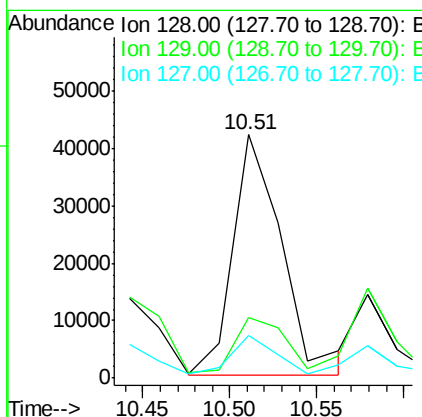
RT: 10.51 min Scan# 554

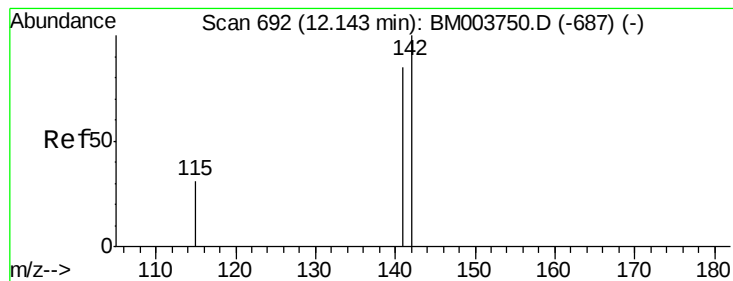
Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Tgt Ion:	128	Resp:	82735
Ion Ratio	Lower	Upper	
128	100		
129	25.1	8.5	12.7#
127	17.5	11.0	16.4#





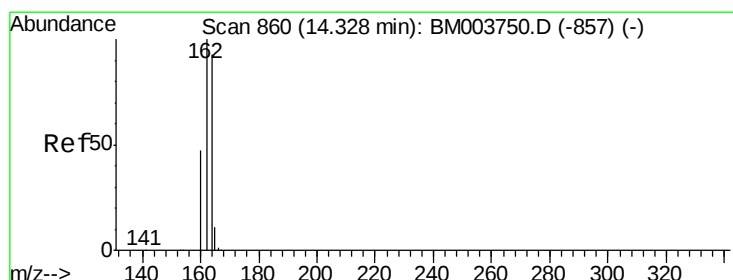
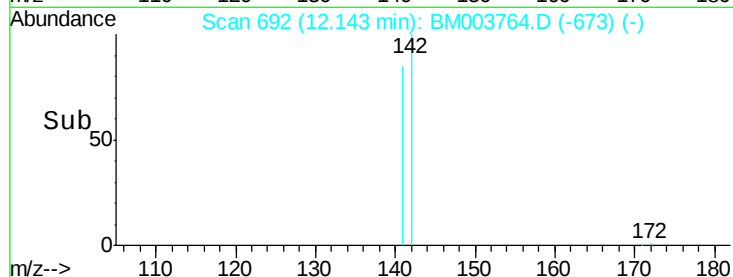
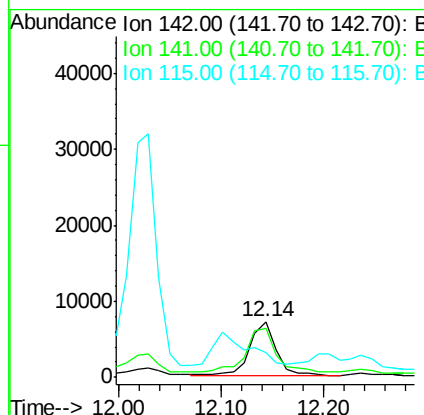
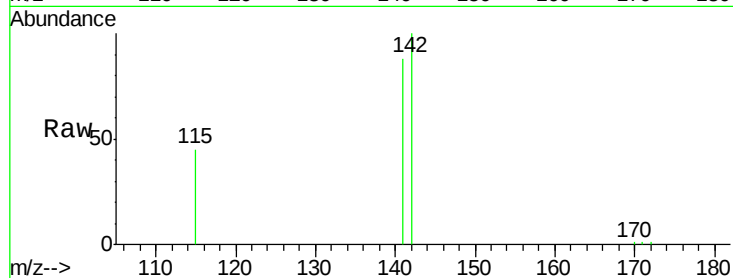
#12
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.14 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Instrument :
BNA_M
ClientSampleId :
MW-02-121115

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	67.8	101.8
115	44.6	25.3	37.9

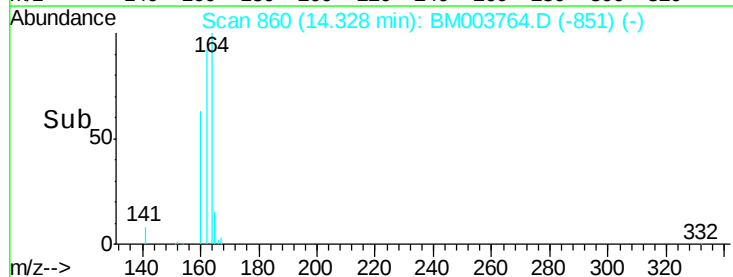
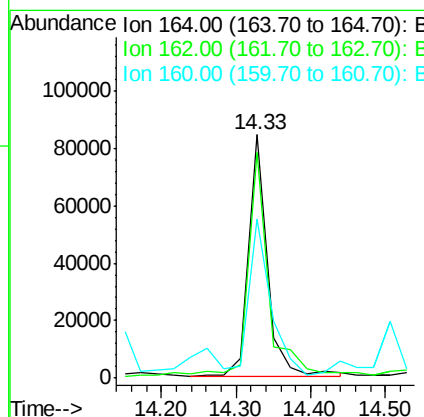
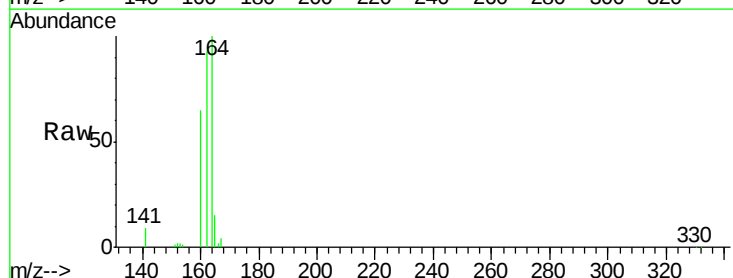
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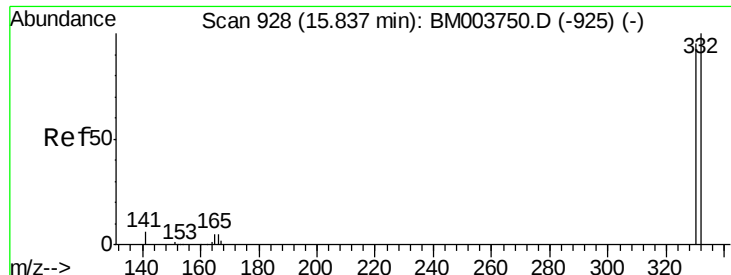
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#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.33 min Scan# 860
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.5	86.0	129.0
160	65.4	40.3	60.5





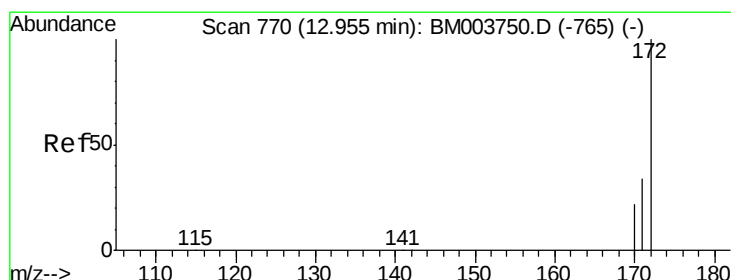
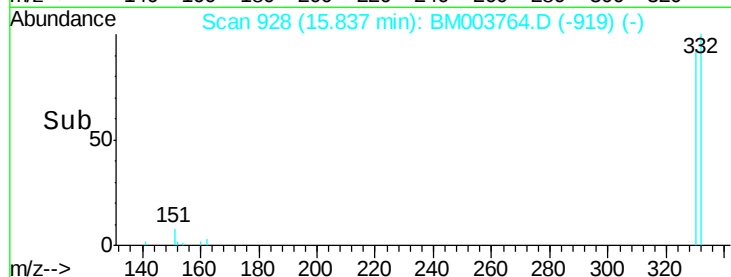
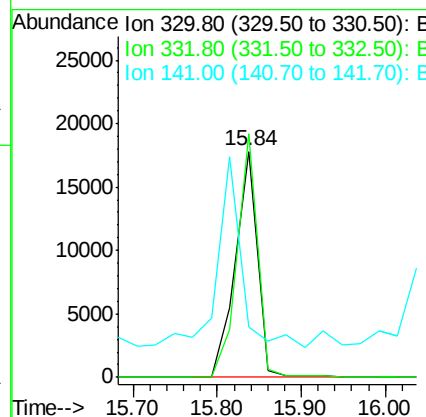
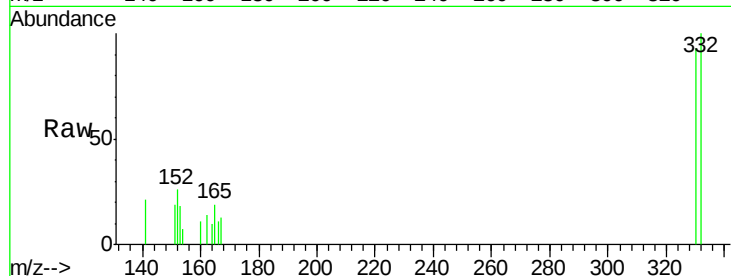
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 2,4,6-Tribromophenol
 Concen: 6.85 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003764.D
 Acq: 24 Dec 2015 05:17

Instrument :
 BNA_M
 ClientSampleId :
 MW-02-121115

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	79.0	118.4
141	0.0	0.0	0.0

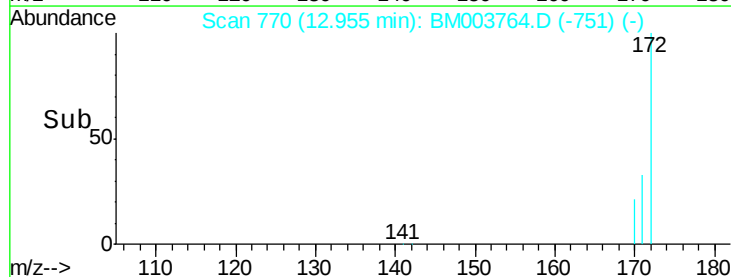
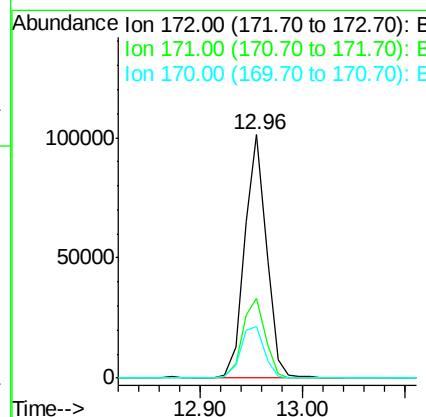
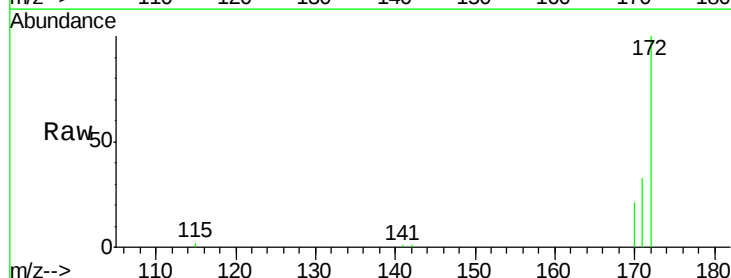
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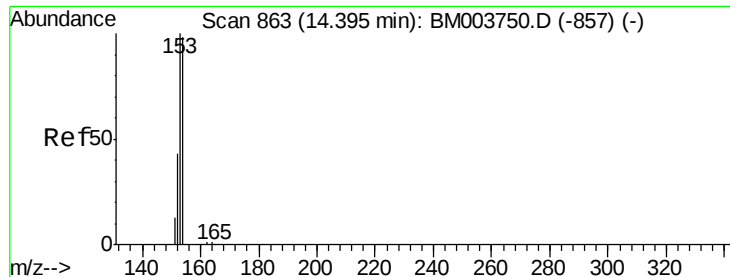
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#15
 2-Fluorobiphenyl
 Concen: 3.28 ng
 RT: 12.96 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM003764.D
 Acq: 24 Dec 2015 05:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.0	40.6
170	21.0	17.9	26.9





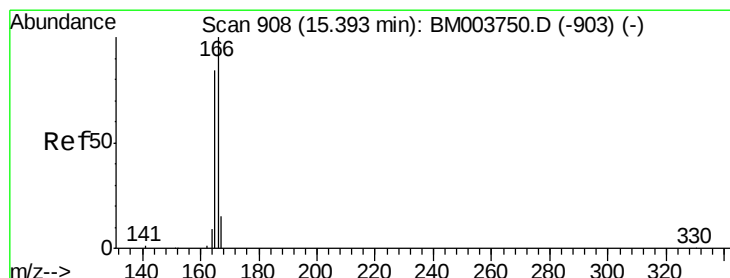
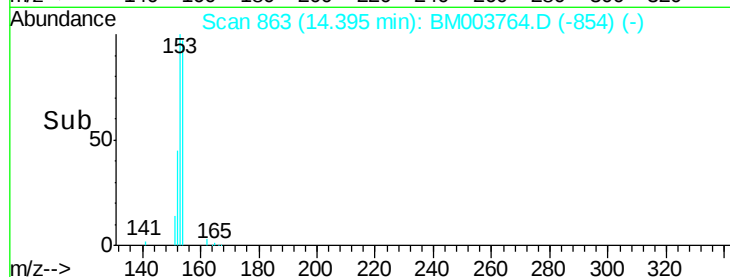
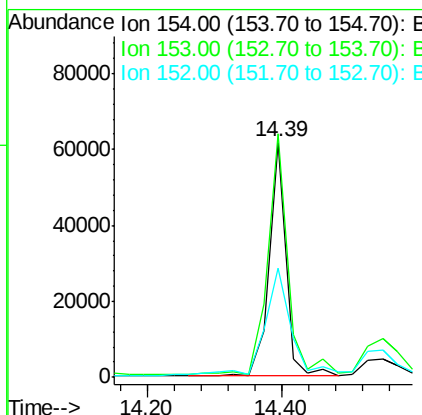
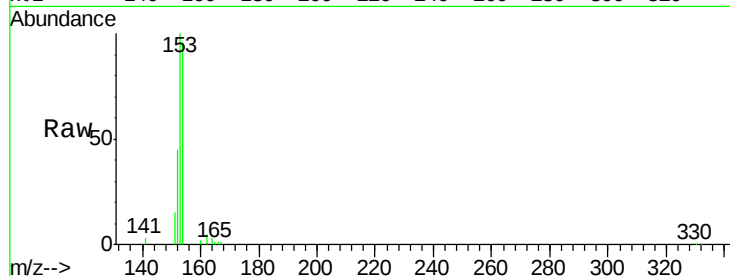
#17
Acenaphthene
Concen: 2.58 ng
RT: 14.39 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Instrument :
BNA_M
ClientSampleId :
MW-02-121115

Tot Ion	Ratio	Lower	Upper
154	100		
153	123.3	85.4	128.2
152	69.2	40.6	60.8

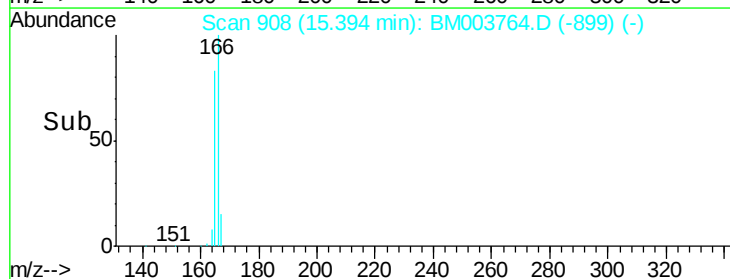
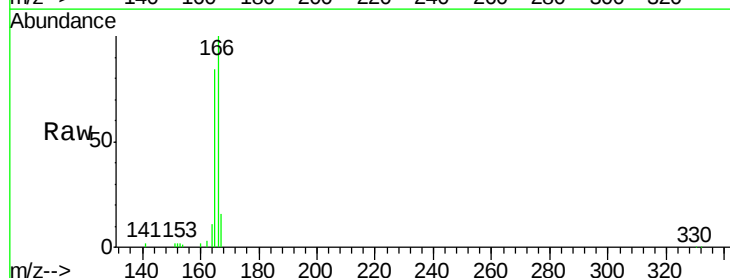
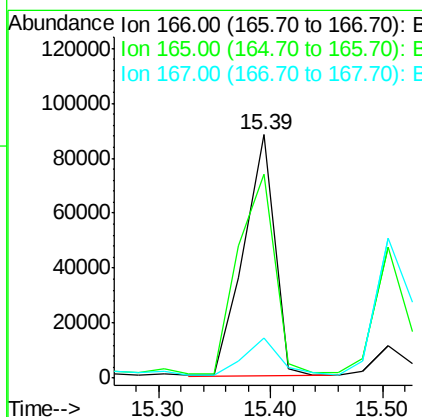
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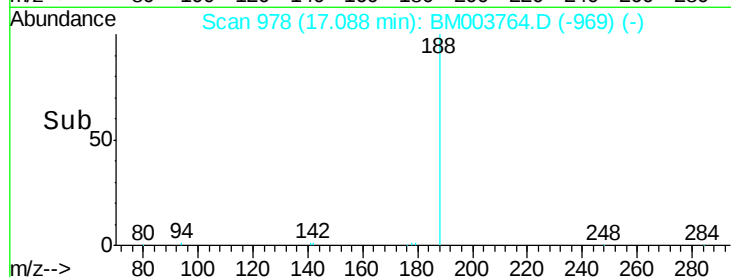
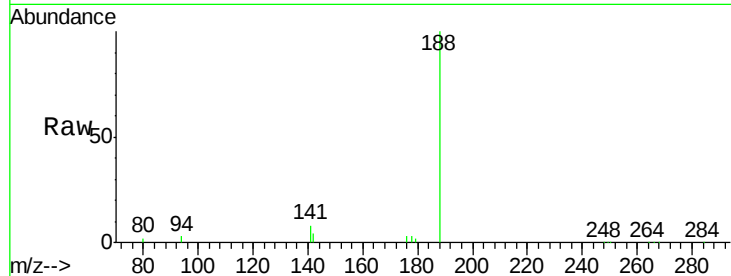
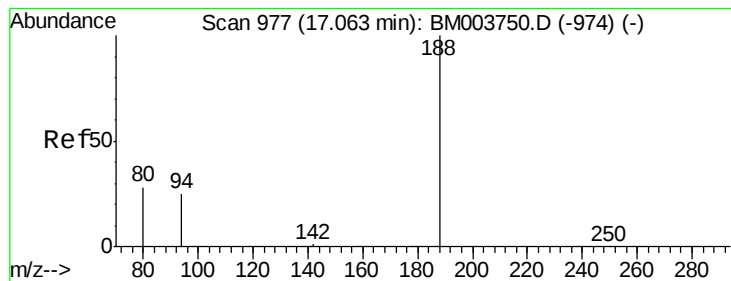
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#18
Fluorene
Concen: 3.39 ng
RT: 15.39 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.0	77.2	115.8
167	18.0	11.0	16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 978

Delta R.T. 0.03 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Tot Ion:	188	Resp:	204887
Ion Ratio	Lower	Upper	
188	100		
94	3.2	20.3	30.5#
80	2.5	22.2	33.4#

Instrument :

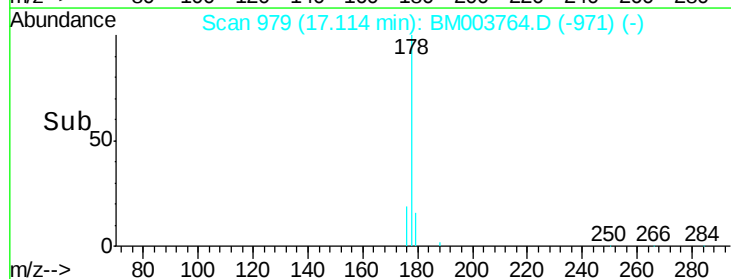
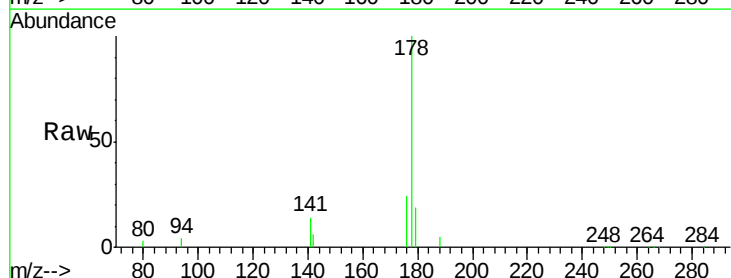
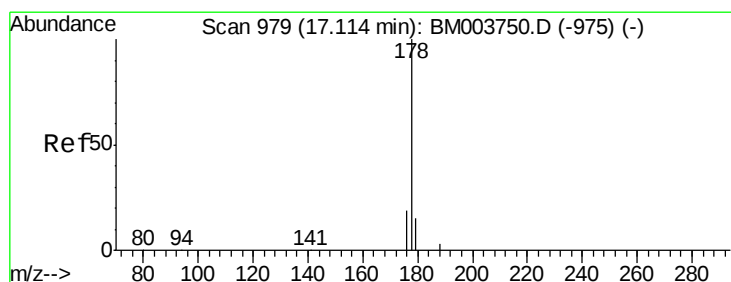
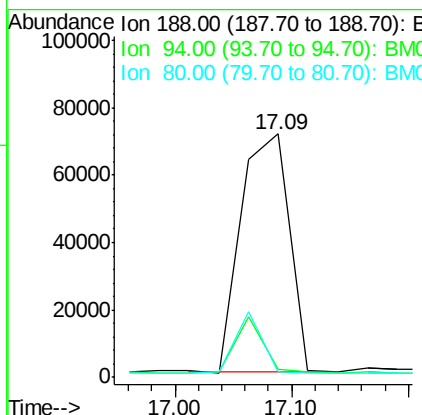
BNA_M

ClientSampleId :

MW-02-121115

Manual Integrations
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#23

Phenanthrene

Concen: 1.10 ng m

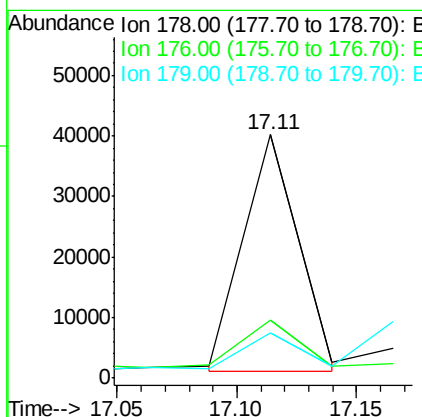
RT: 17.11 min Scan# 979

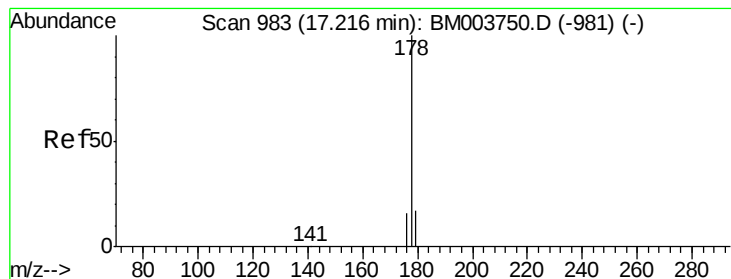
Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Tgt Ion:	178	Resp:	62030
Ion Ratio	Lower	Upper	
178	100		
176	22.3	15.4	23.0
179	0.0	12.2	18.4#





#24

Anthracene

Concen: 0.42 ng/mL

RT: 17.19 min Scan# 982

Delta R.T. -0.02 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Instrument :

BNA_M

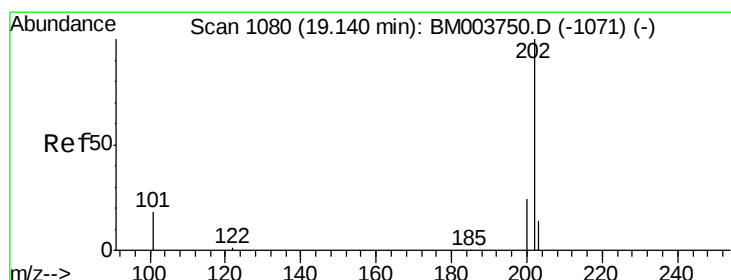
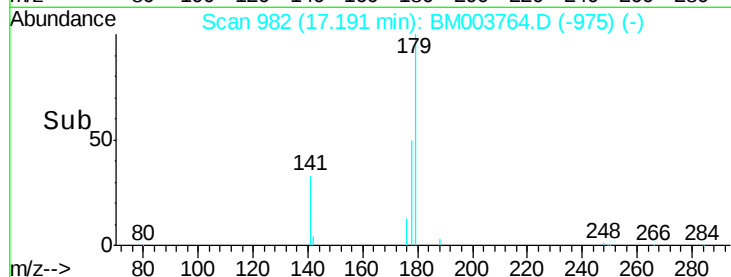
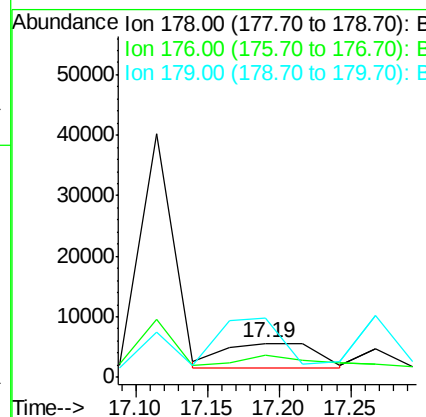
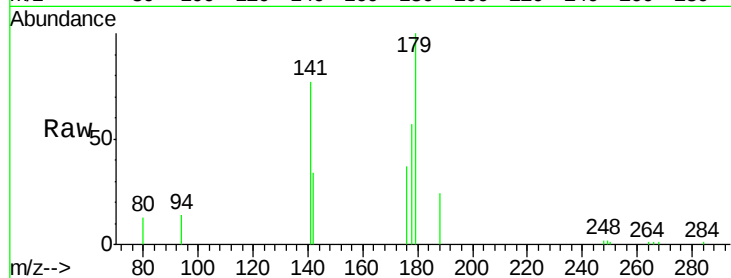
ClientSampleID :

MW-02-121115

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Tot Ion:178	Resp:	18253
Ion Ratio	Lower	Upper
178 100		
176 34.5	14.6	21.8#
179 192.0	12.6	19.0#



#25

Fluoranthene

Concen: 0.28 ng/mL

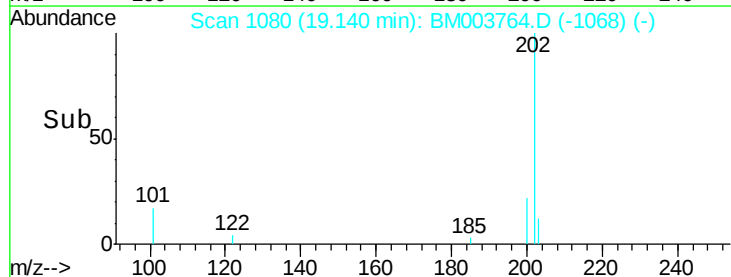
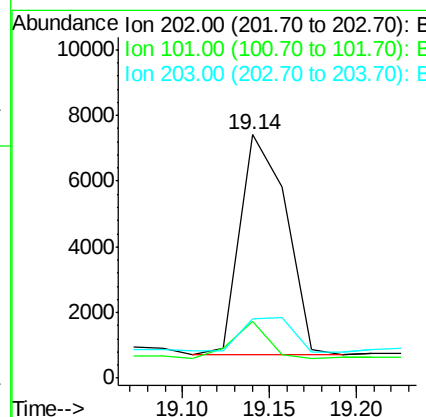
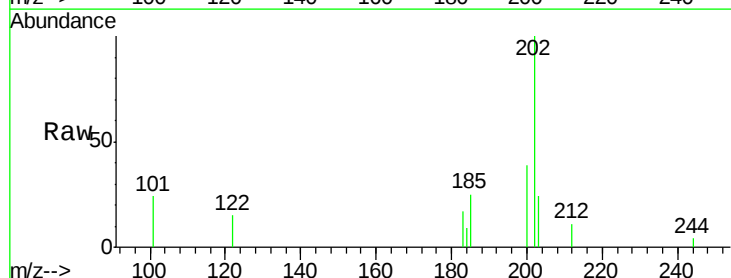
RT: 19.14 min Scan# 1080

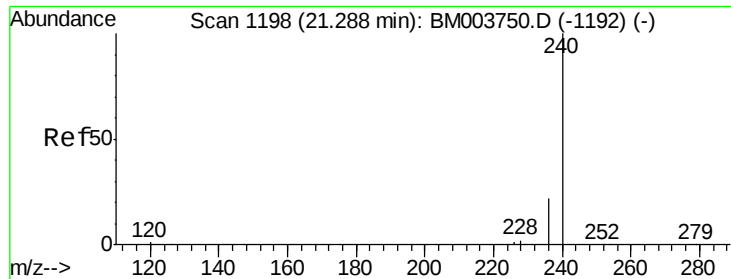
Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Tgt Ion:202	Resp:	12496
Ion Ratio	Lower	Upper
202 100		
101 12.0	9.7	14.5
203 16.9	13.8	20.8





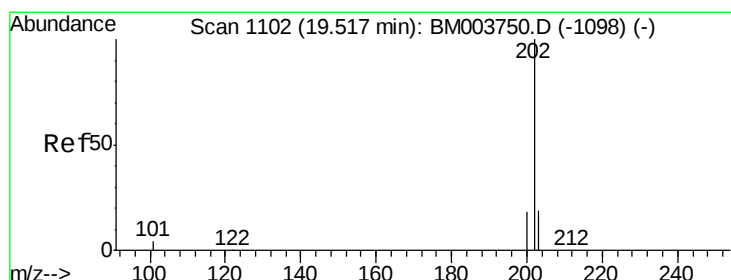
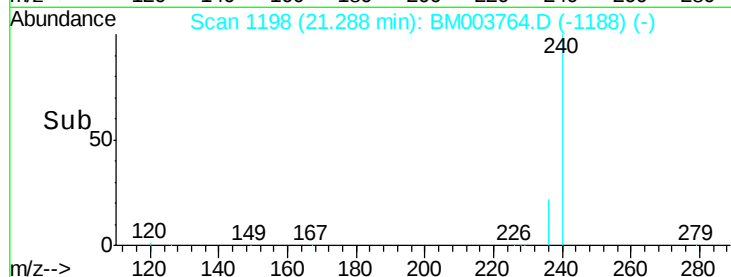
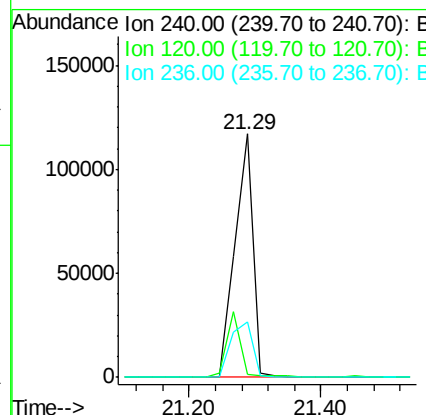
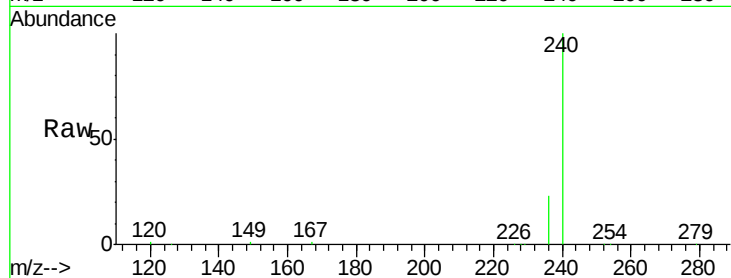
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Instrument :
BNA_M
ClientSampleId :
MW-02-121115

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.5	0.9	1.3#
236	22.6	17.3	25.9

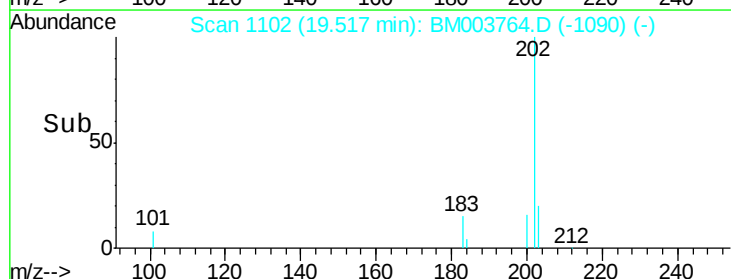
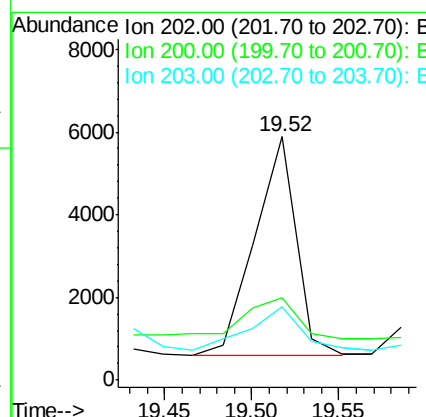
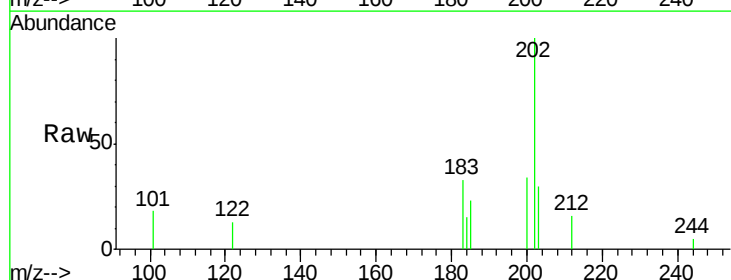
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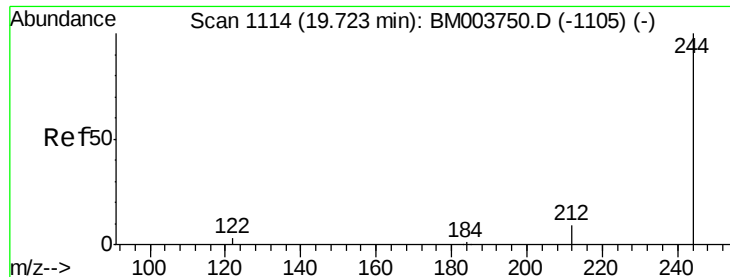
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#28
Pyrene
Concen: 0.08 ng
RT: 19.52 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BM003764.D
Acq: 24 Dec 2015 05:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	29.0	16.6	24.8#
203	25.9	14.0	21.0#





#29

Terphenyl-d14

Concen: 4.34 ng

RT: 19.72 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Instrument :

BNA_M

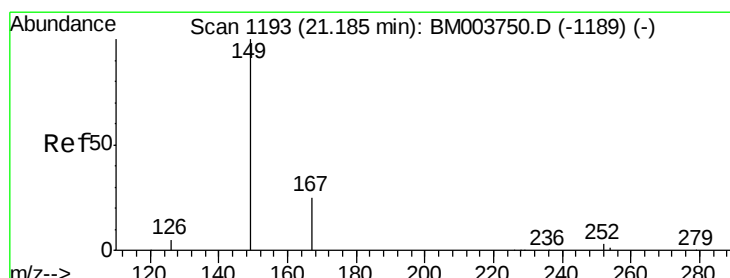
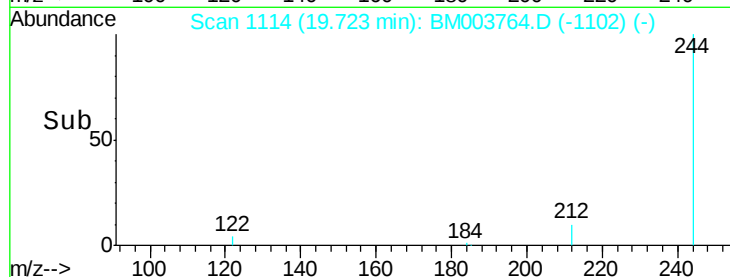
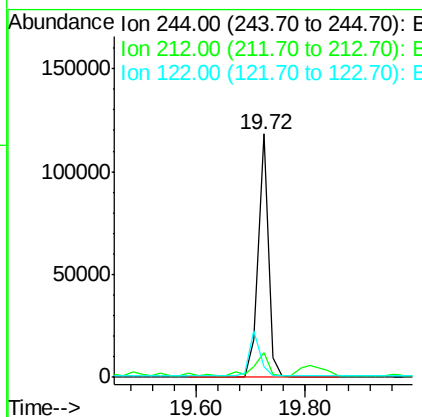
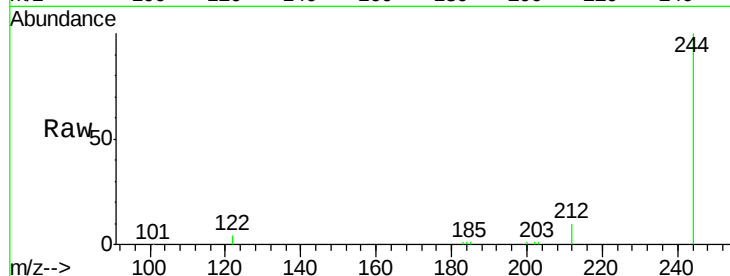
ClientSampleId :

MW-02-121115

Tot Ion:	244	Resp:	150049
Ion Ratio	Lower	Upper	
244	100		
212	10.3	7.0	10.6
122	4.2	3.0	4.6

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#33

Bis(2-ethylhexyl)phthalate

Concen: 0.27 ng

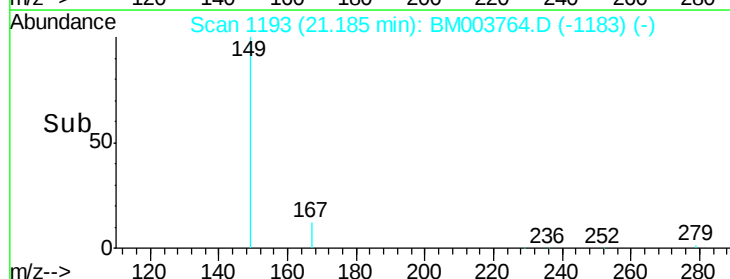
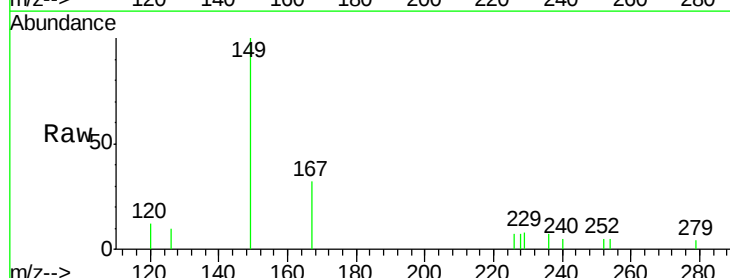
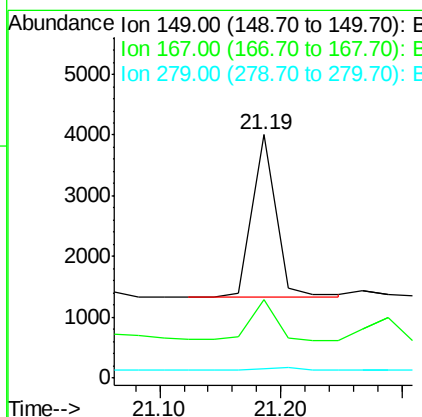
RT: 21.19 min Scan# 1193

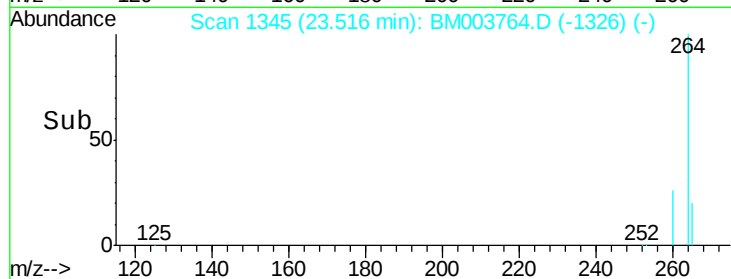
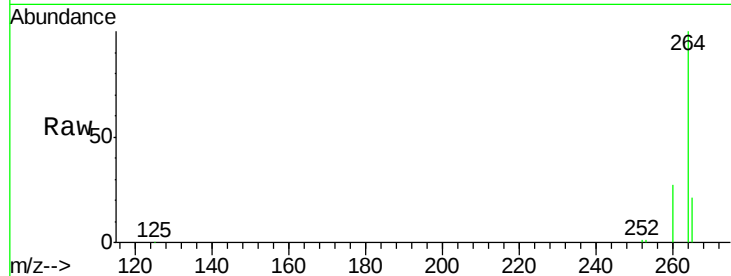
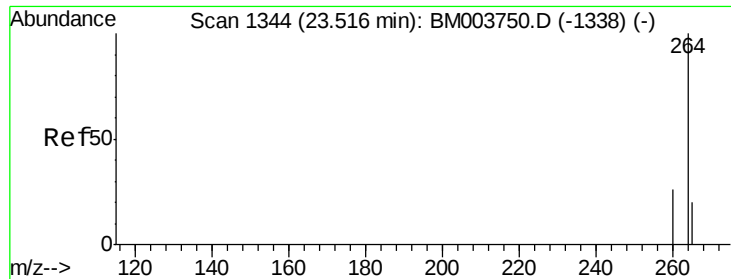
Delta R.T. 0.00 min

Lab File: BM003764.D

Acq: 24 Dec 2015 05:17

Tgt Ion:	149	Resp:	3699
Ion Ratio	Lower	Upper	
149	100		
167	26.9	20.1	30.1
279	0.0	0.0	0.0





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BM003764.D
 Acq: 24 Dec 2015 05:17

Instrument :
 BNA_M
 ClientSampleId :
 MW-02-121115

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	21.1	16.7	25.1

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:29:36 PM

