

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009439.D
 Acq On : 29 Mar 2017 19:11
 Operator : SJ/MA
 Sample : I2437-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GW

Manual Integrations
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mohammad
 3/31/2017 8:21:49 AM

Quant Time: Mar 30 01:28:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	140193	20.00	ng	-0.01
21) Naphthalene-d8	10.66	136	619711	20.00	ng	0.00
38) Acenaphthene-d10	14.49	164	375951	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	879314	20.00	ng	0.00
75) Chrysene-d12	21.42	240	1024354	20.00	ng	0.00
86) Perylene-d12	23.74	264	938901	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	403486	47.97	ng	0.00
7) Phenol-d6	7.01	99	363565	31.70	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1145767	69.32	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	543975	116.47	ng	0.00
44) 2-Fluorobiphenyl	13.11	172	2227646	71.40	ng	-0.01
78) Terphenyl-d14	19.86	244	3372251	68.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	43711	10.33	ng	# 100
3) Pyridine	3.76	79	156778	13.12	ng	# 83
6) Aniline	7.18	93	430338	27.61	ng	# 88
10) Phenol	7.04	94	194778	15.67	ng	# 85
17) 2-Methylphenol	8.29	107	304217	37.41	ng	# 86
20) 3+4-Methylphenols	8.62	107	842779	76.23	ng	# 90
22) Acetophenone	8.67	105	168989	9.67	ng	# 89
27) 2,4-Dimethylphenol	9.83	122	1693809m	189.59	ng	
31) Naphthalene	10.71	128	27785129m	844.73	ng	
37) 2-Methylnaphthalene	12.31	142	946754	41.70	ng	# 93
45) 1,1'-Biphenyl	13.33	154	1182846	37.80	ng	# 96
48) Acenaphthylene	14.22	152	120372	3.04	ng	# 76
49) Dimethylphthalate	13.95	163	109061	3.78	ng	# 98
51) Acenaphthene	14.56	154	2661871	111.46	ng	# 99
54) Dibenzofuran	14.90	168	2932706	83.03	ng	# 94
57) Fluorene	15.54	166	1939659	61.10	ng	# 98
70) Phenanthrene	17.29	178	3716015	73.90	ng	# 100
71) Anthracene	17.38	178	453066	8.90	ng	# 98
72) Carbazole	17.66	167	1981660	40.65	ng	# 99
74) Fluoranthene	19.32	202	427546	7.18	ng	# 97
77) Pyrene	19.67	202	294389	5.07	ng	# 98

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

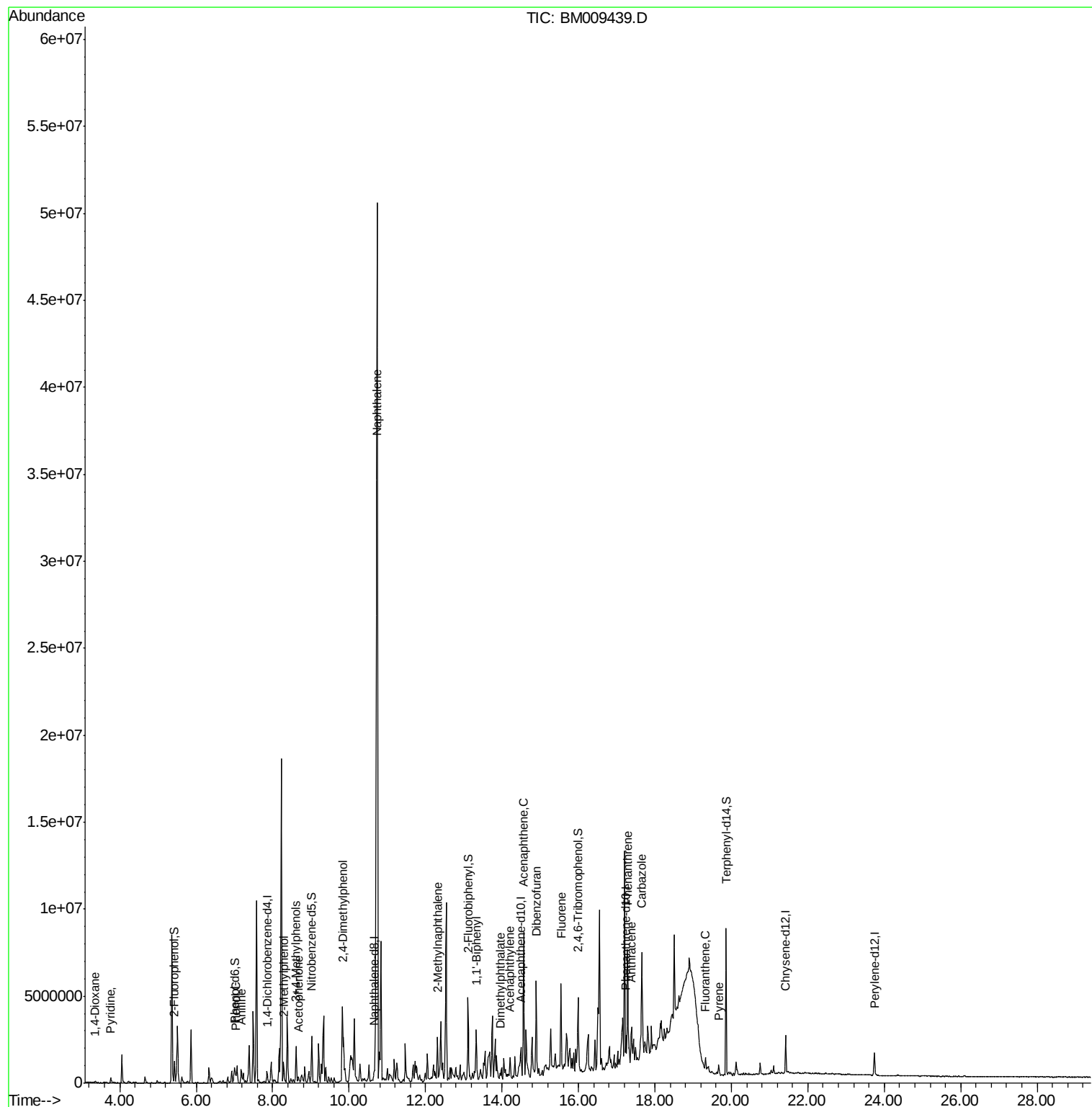
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
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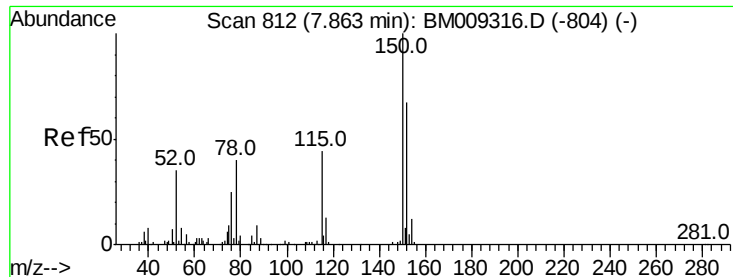
Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

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Quant Time: Mar 30 01:28:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Instrument :

BNA_M

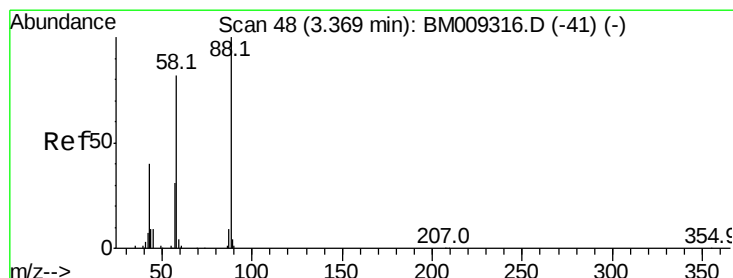
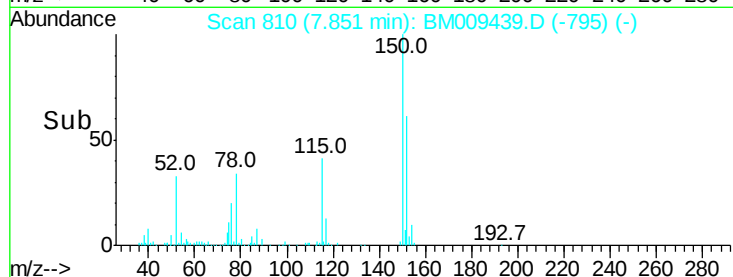
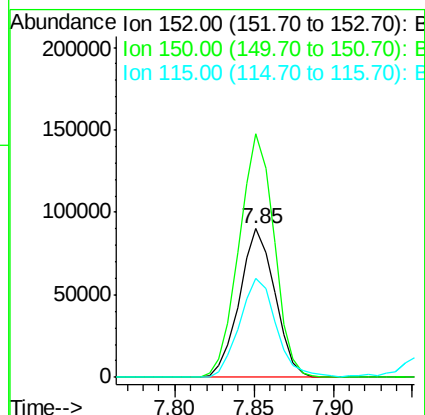
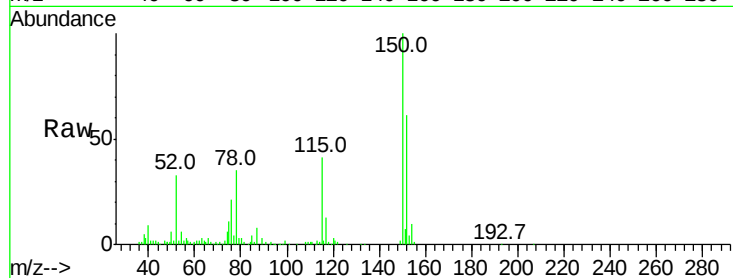
ClientSampleId :

QNWP8-MW26S-GW

Tot Ion:	152	Resp:	140193
Ion Ratio	Lower	Upper	
152	100		
150	164.1	119.5	179.3
115	66.8	43.0	64.4#

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#2

1,4-Dioxane

Concen: 10.33 ng

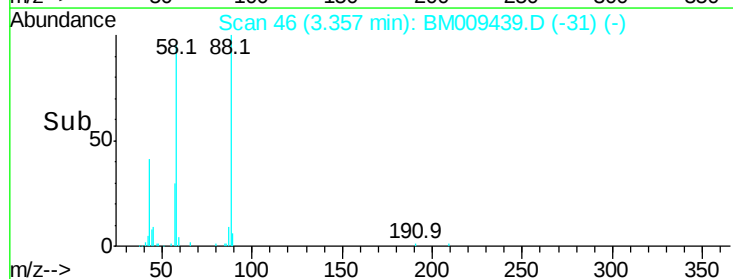
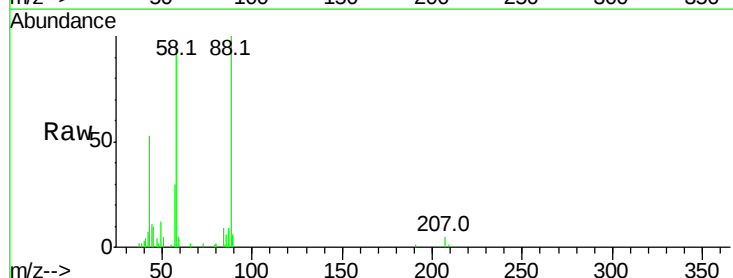
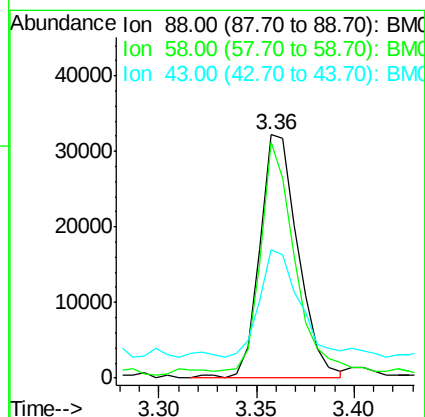
RT: 3.36 min Scan# 46

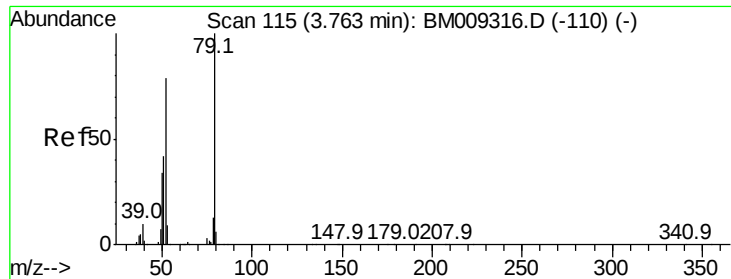
Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Tgt Ion:	88	Resp:	43711
Ion Ratio	Lower	Upper	
88	100		
58	84.8	0.0	0.0#
43	48.9	0.0	0.0#





#3

Pvridine

Concen: 13.12 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Instrument :

BNA_M

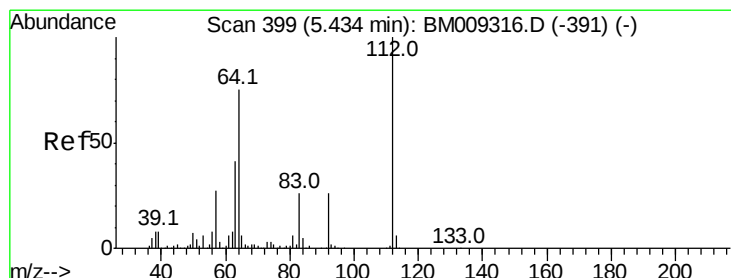
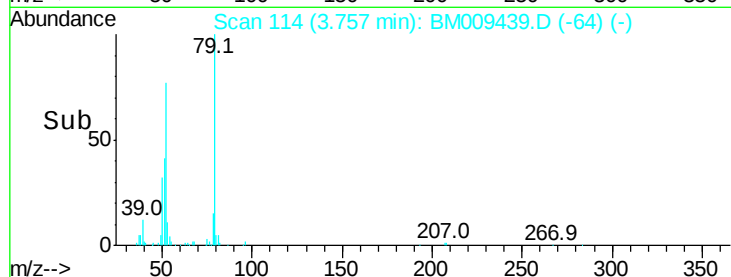
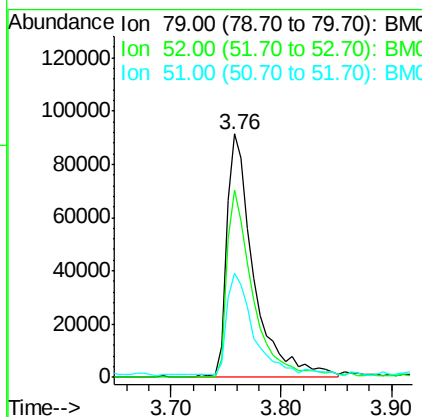
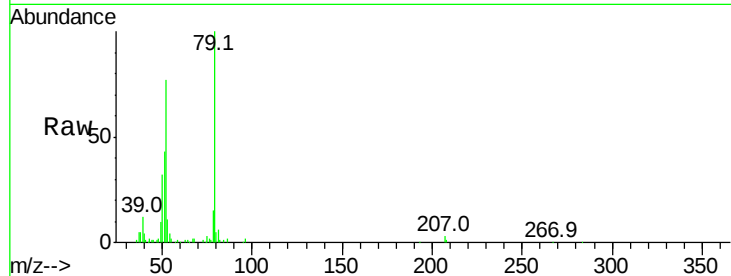
ClientSampleId :

QNWP8-MW26S-GW

Tot Ion:	79	Resp:	156778
Ion Ratio	Lower	Upper	
79	100		
52	76.7	51.1	76.7
51	42.8	26.1	39.1#

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#5

2-Fluorophenol

Concen: 47.97 ng

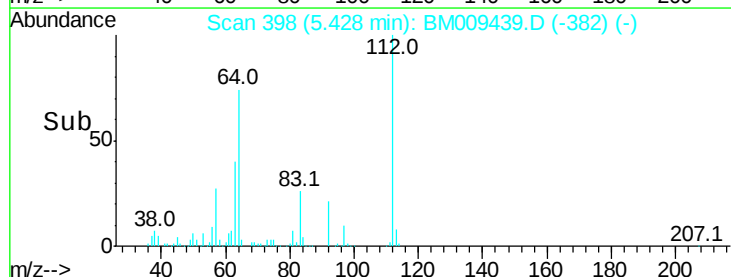
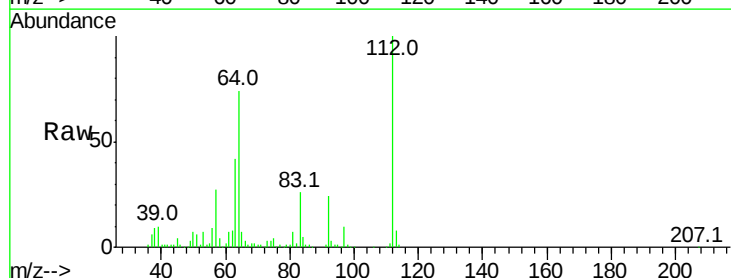
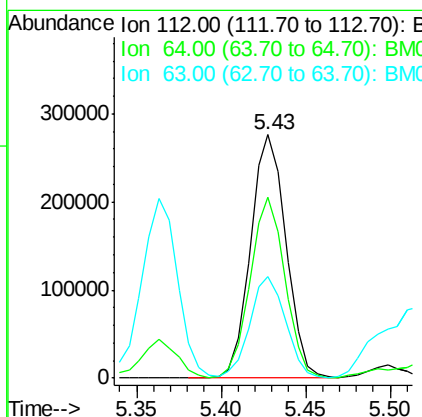
RT: 5.43 min Scan# 398

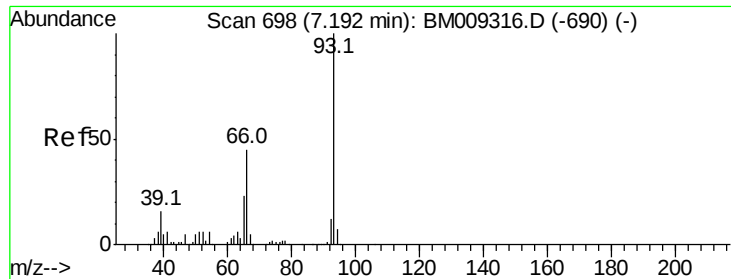
Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Tgt Ion:	112	Resp:	403486
Ion Ratio	Lower	Upper	
112	100		
64	74.3	38.6	57.8#
63	41.6	19.3	28.9#





#6

Aniline

Concen: 27.61 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Instrument :

BNA_M

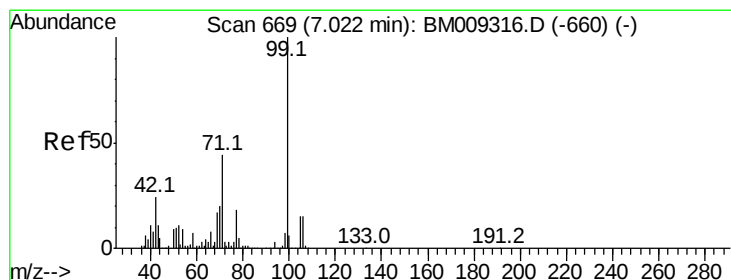
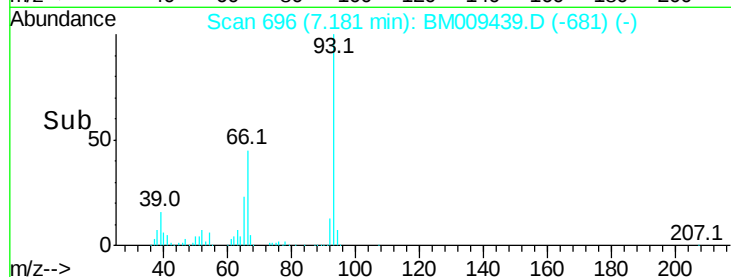
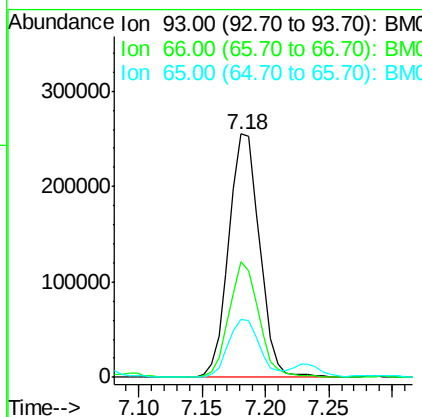
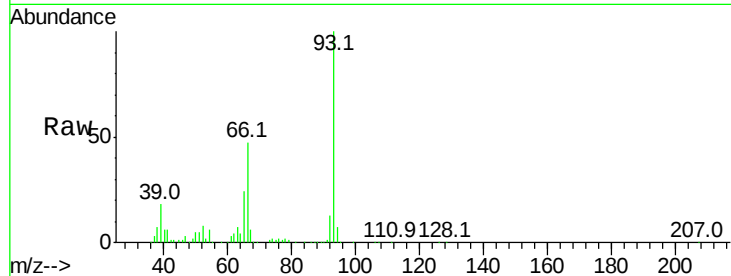
ClientSampleId :

QNWP8-MW26S-GW

Tot Ion	93	Resp	430338
Ion Ratio	Lower	Upper	
93	100		
66	47.3	30.8	46.2#
65	23.6	16.0	24.0

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#7

Phenol-d6

Concen: 31.70 ng

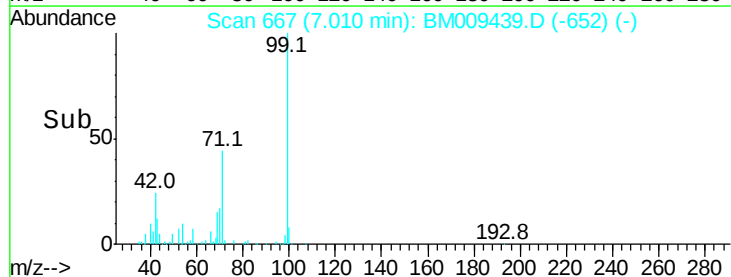
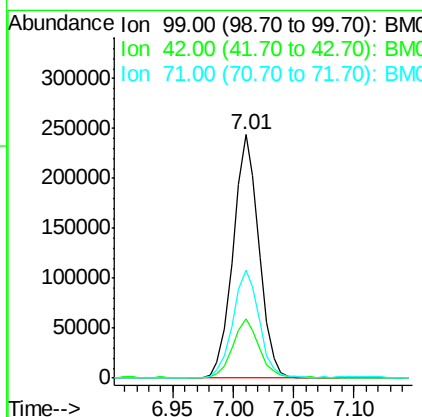
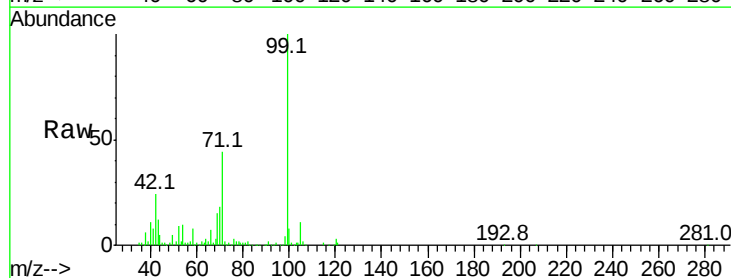
RT: 7.01 min Scan# 667

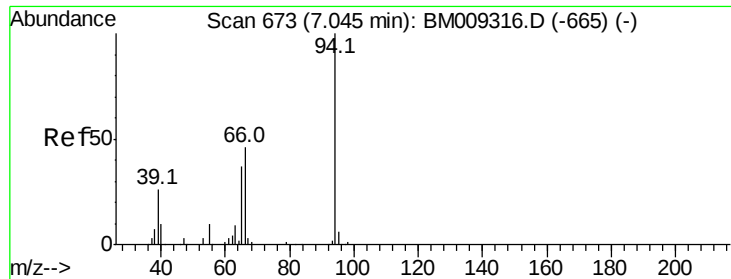
Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Tgt Ion	99	Resp	363565
Ion Ratio	Lower	Upper	
99	100		
42	24.3	11.0	16.4#
71	44.1	23.4	35.2#





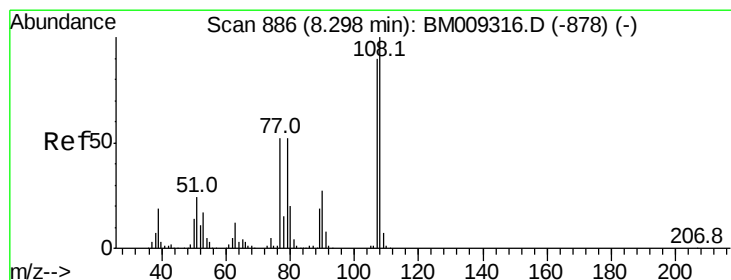
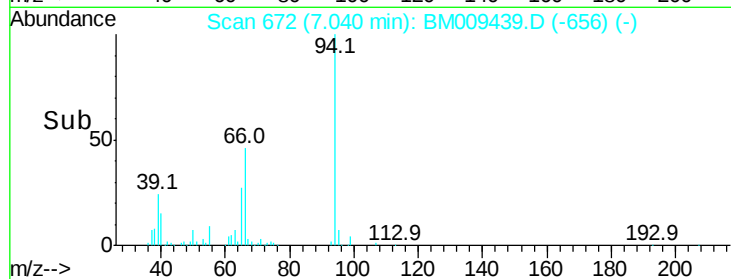
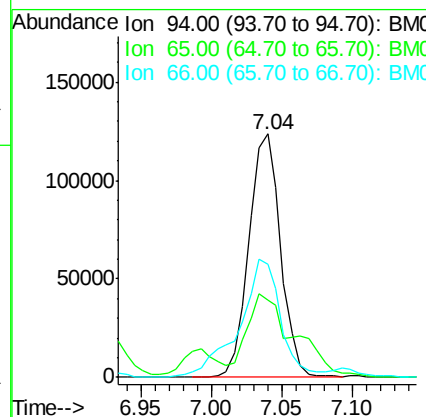
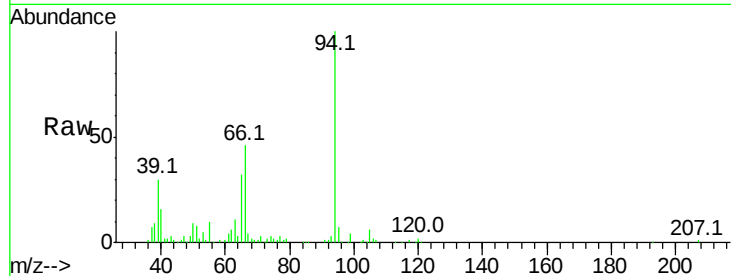
#10
Phenol
Concen: 15.67 ng
RT: 7.04 min Scan# 672
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Resp	Lower	Upper
94	100	194778		
65	32.0		18.8	58.8
66	46.3		39.9	79.9

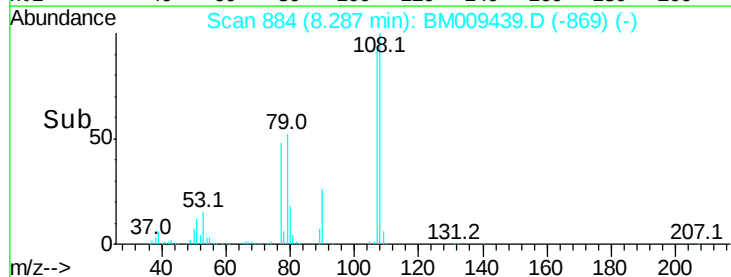
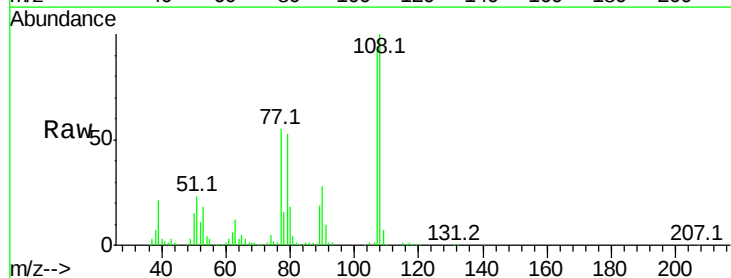
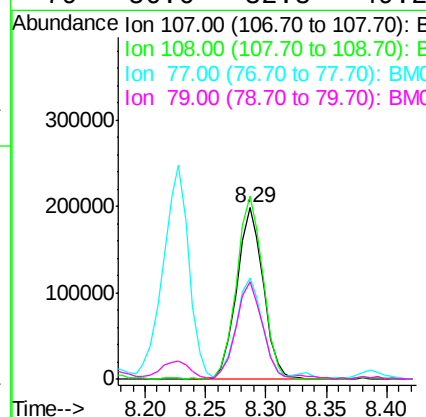
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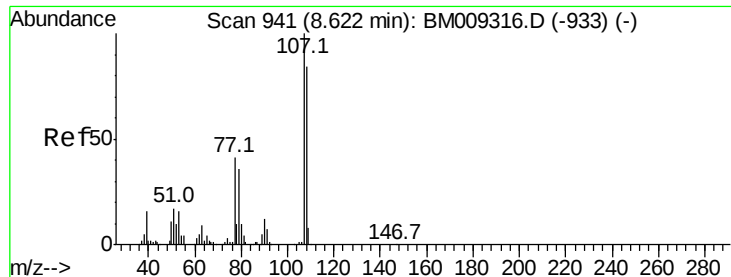
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#17
2-Methylphenol
Concen: 37.41 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	304217		
108	107.1		89.8	134.8
77	59.0		32.6	48.8#
79	56.6		32.8	49.2#





#20

3+4-Methylphenols

Concen: 76.23 ng

RT: 8.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW26S-GW

Tot Ion:107 Resp: 842779

Ion Ratio Lower Upper

107 100

108 85.3 73.2 113.2

77 38.8 10.7 50.7

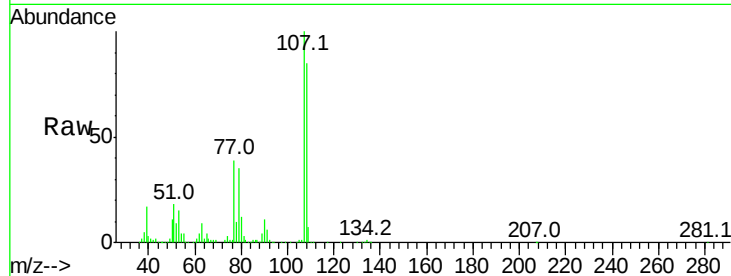
79 35.0 9.6 49.6

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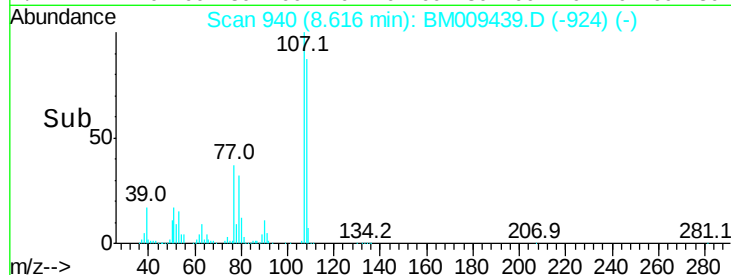


Abundance Ion 107.00 (106.70 to 107.70): E

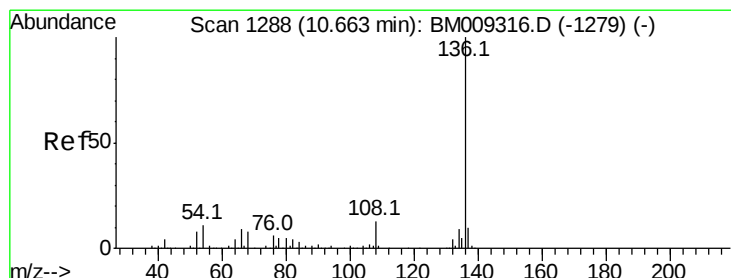
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Tgt Ion:136 Resp: 619711

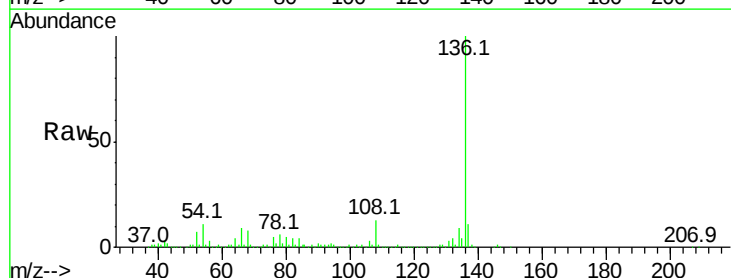
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.4 4.6 6.8#

68 7.6 3.7 5.5#

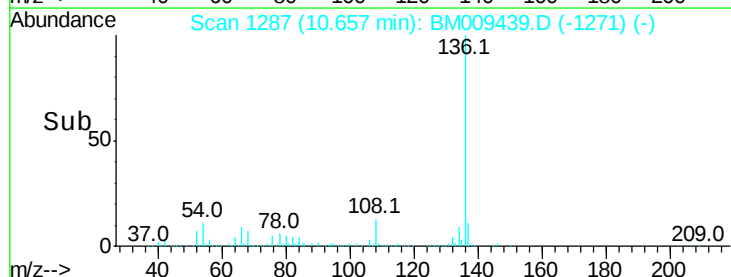


Abundance Ion 136.00 (135.70 to 136.70): E

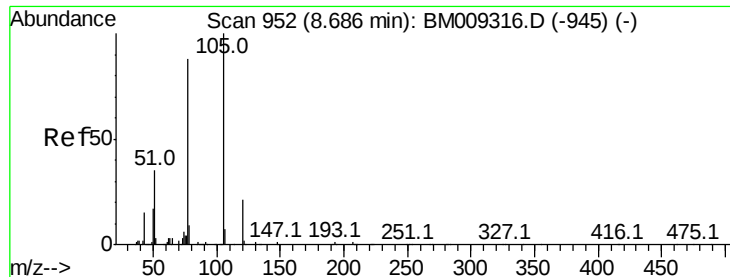
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BMC

Ion 68.00 (67.70 to 68.70): BMC



Time-->



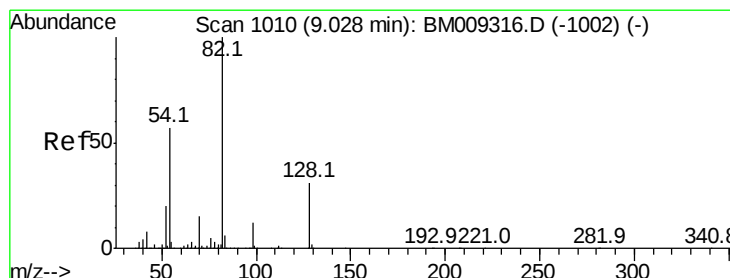
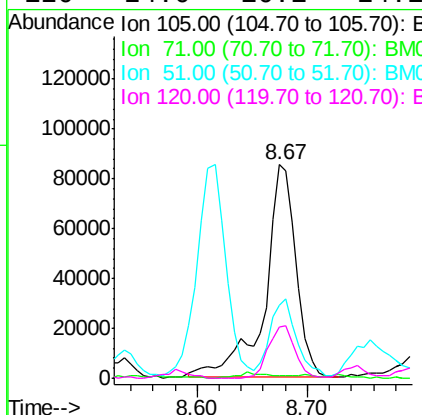
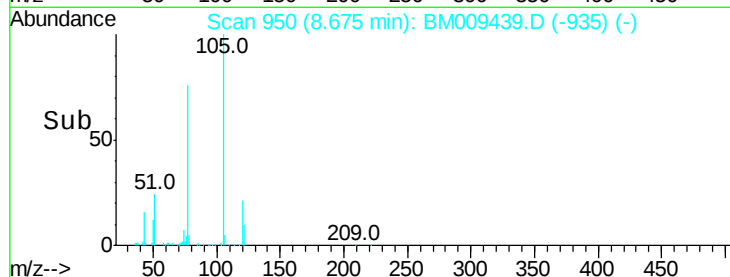
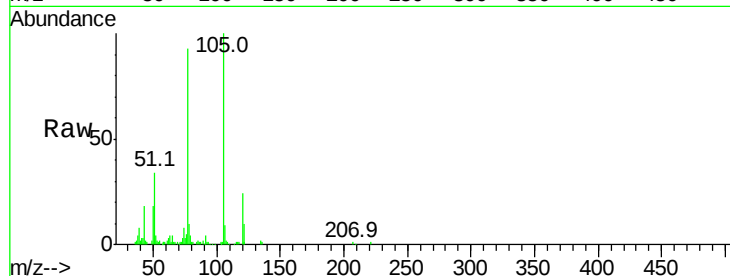
#22
Acetophenone
Concen: 9.67 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Resp	Lower	Upper
105	100	168989		
71	1.1	0.6	1.0#	
51	34.2	21.6	32.4#	
120	24.0	16.1	24.1	

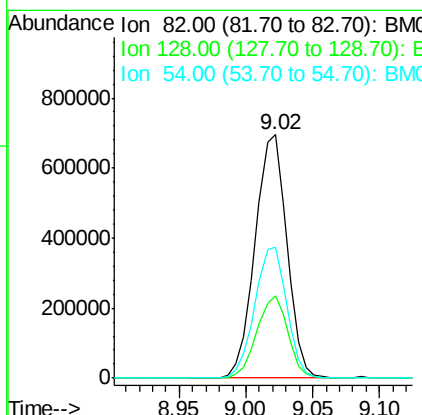
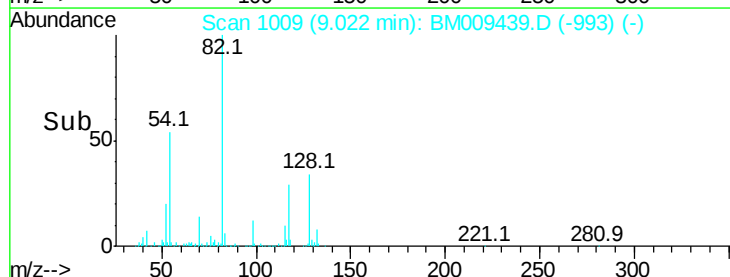
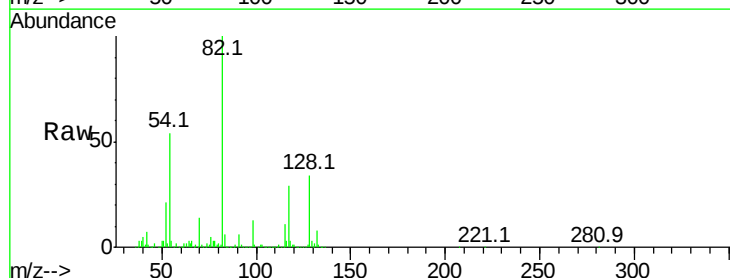
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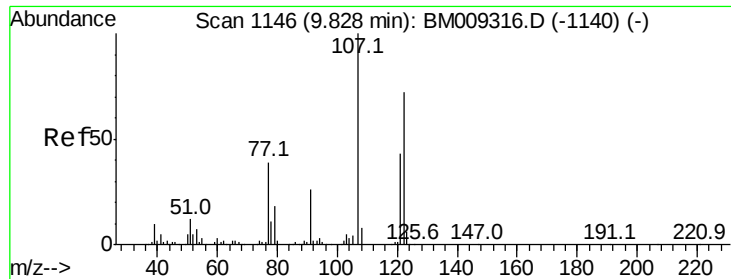
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#23
Nitrobenzene-d5
Concen: 69.32 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1145767		
128	33.9	32.8	49.2	
54	53.8	40.6	60.8	





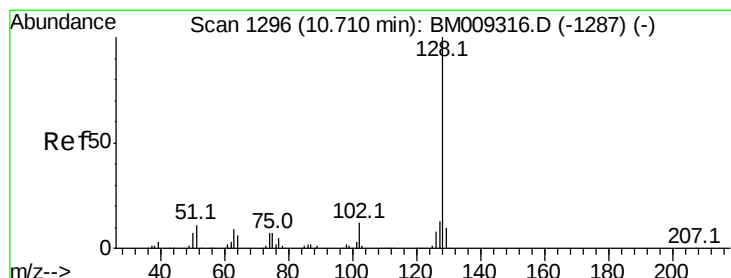
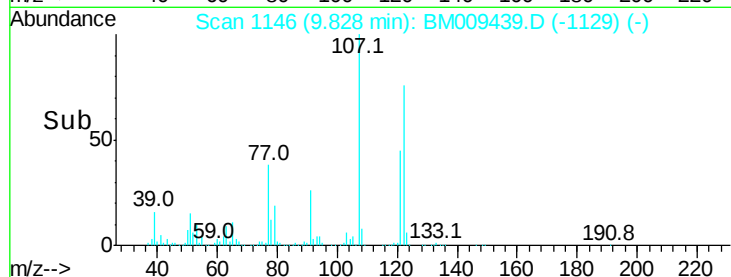
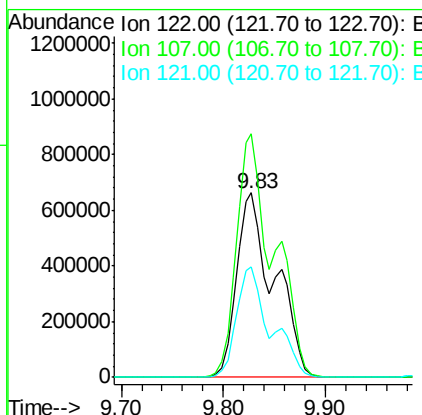
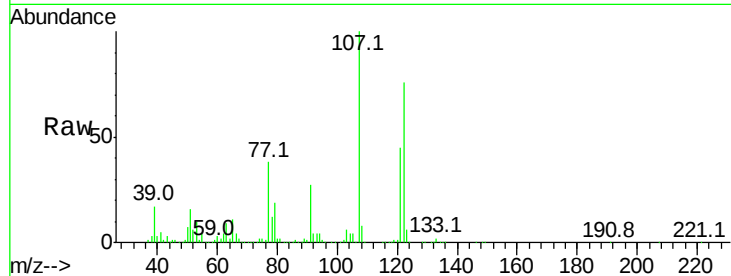
#27
2,4-Dimethylphenol
Concen: 189.59 ng m
RT: 9.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:122 Resp: 1693809
Ion Ratio Lower Upper
122 100
107 132.2 84.7 127.1#
121 60.2 46.6 69.8

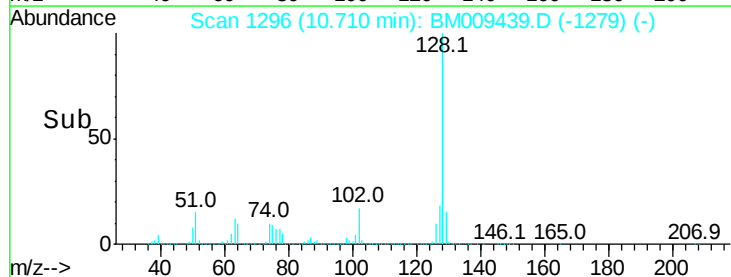
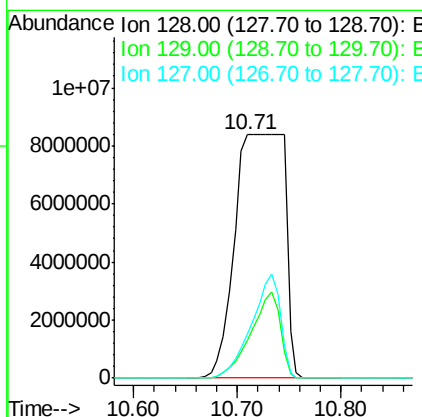
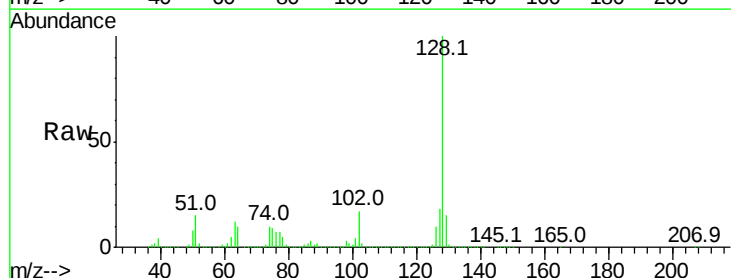
Manual Integrations
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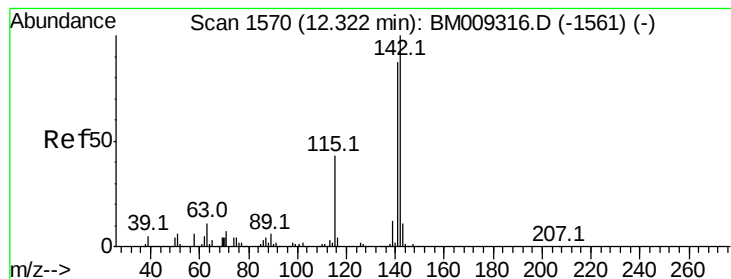
mohammad
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#31
Naphthalene
Concen: 844.73 ng m
RT: 10.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion:128 Resp:27785129
Ion Ratio Lower Upper
128 100
129 15.4 8.9 13.3#
127 18.1 10.4 15.6#





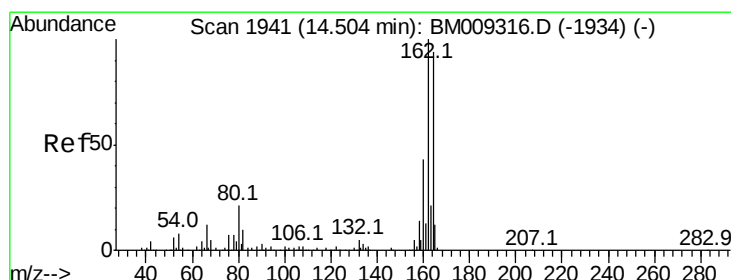
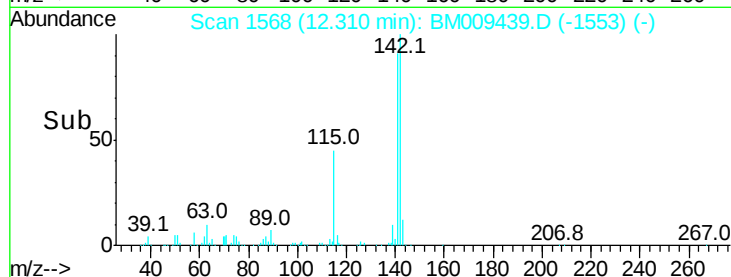
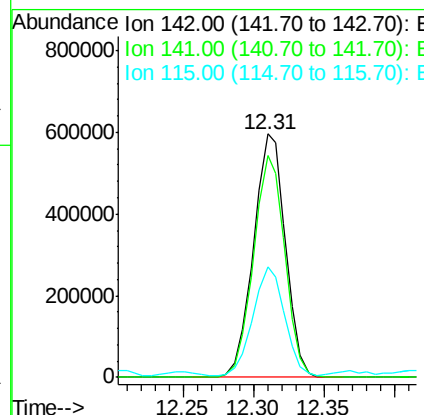
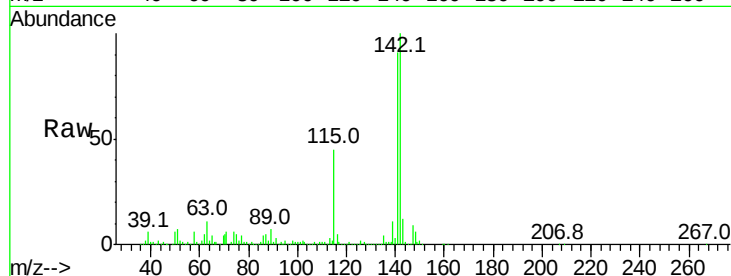
#37
2-Methylnaphthalene
Concen: 41.70 ng
RT: 12.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	45.2	25.4	38.0

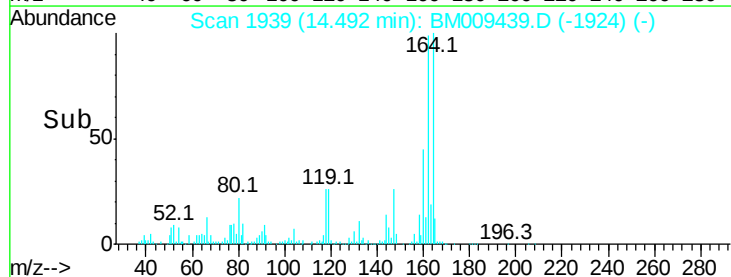
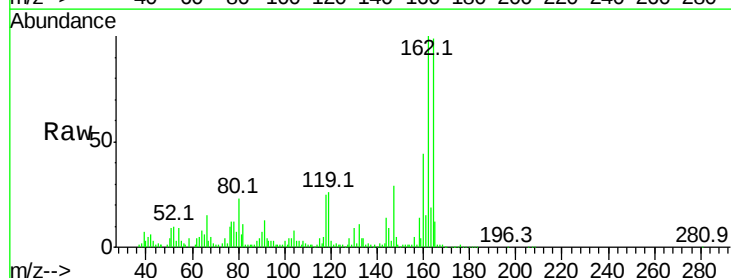
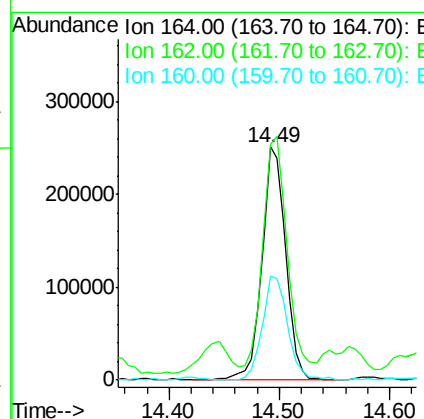
Manual Integrations
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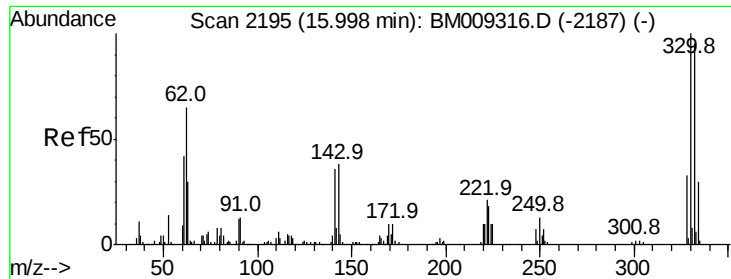
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.4	123.6
160	44.8	35.8	53.6





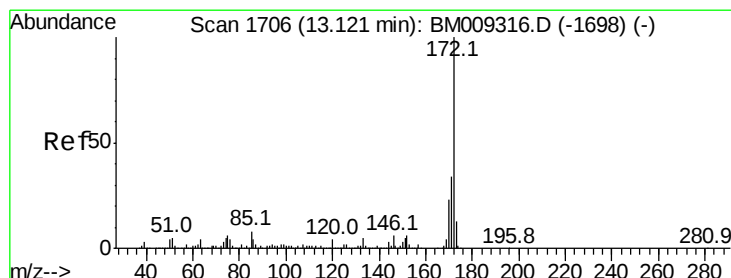
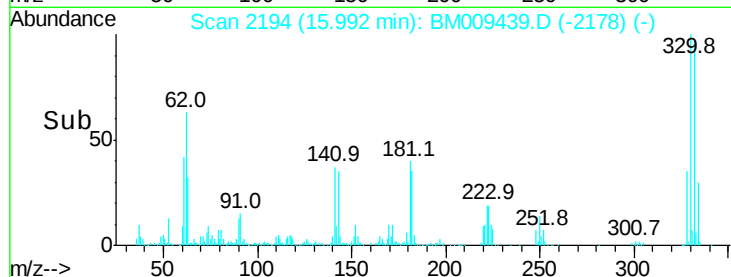
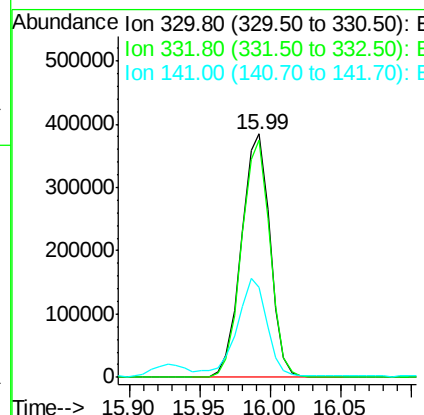
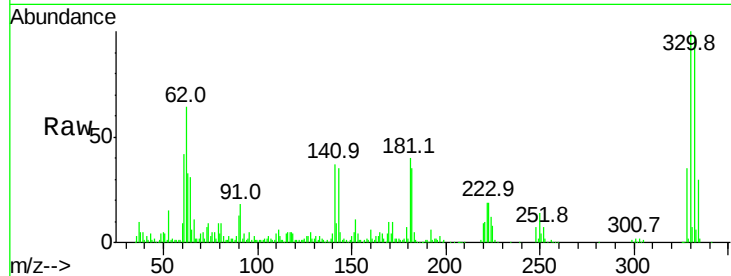
#41
 2,4,6-Tribromophenol
 Concen: 116.47 ng
 RT: 15.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM009439.D
 Acq: 29 Mar 2017 19:11

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	0.0	0.0#
141	42.2	0.0	0.0#

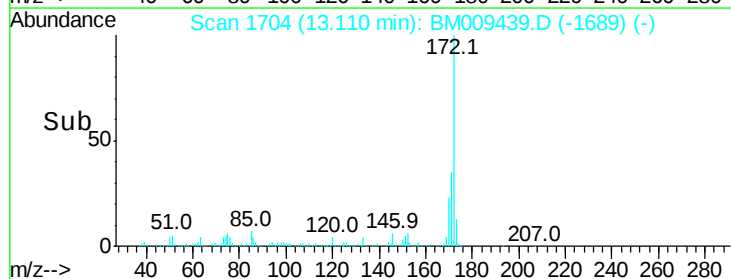
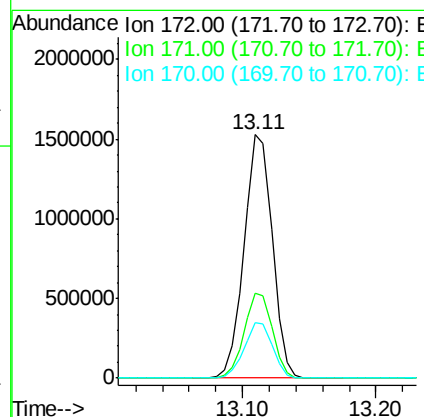
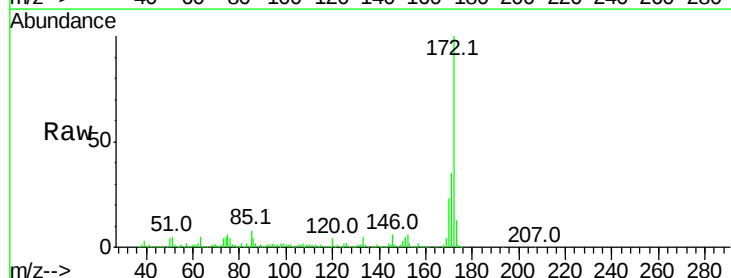
Manual Integrations
 APPROVED

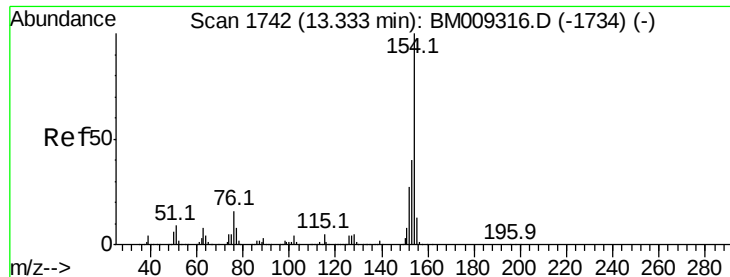
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 71.40 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009439.D
 Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.7	28.5	42.7
170	22.5	18.8	28.2





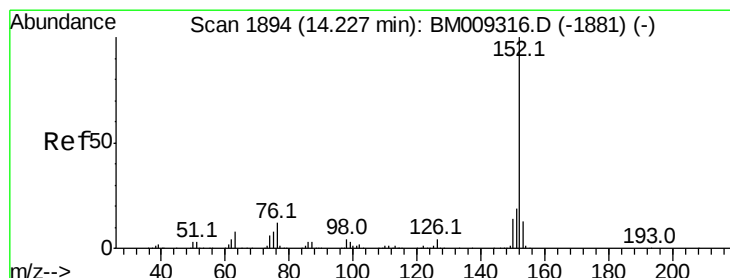
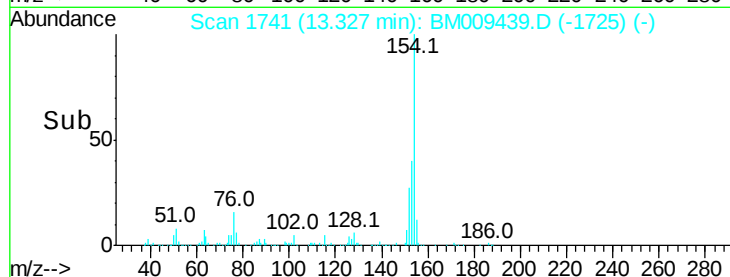
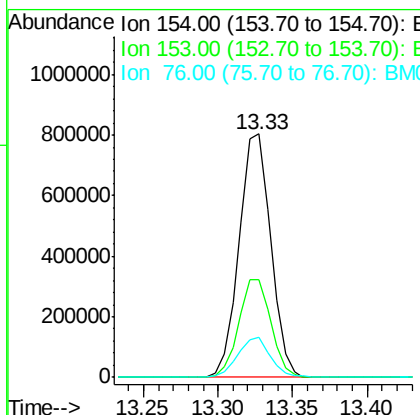
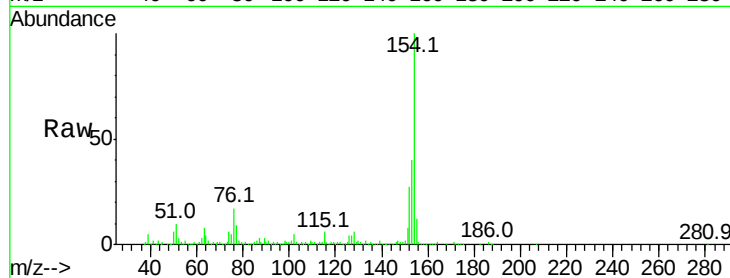
#45
 1,1'-Biphenyl
 Concen: 37.80 ng
 RT: 13.33 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM009439.D
 Acq: 29 Mar 2017 19:11

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	16.7	0.0	30.9

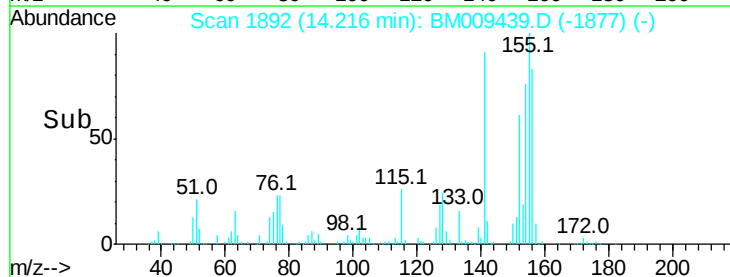
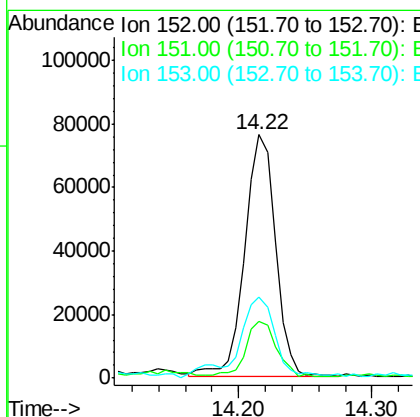
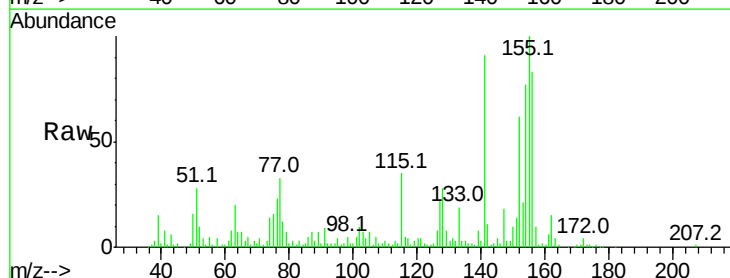
Manual Integrations
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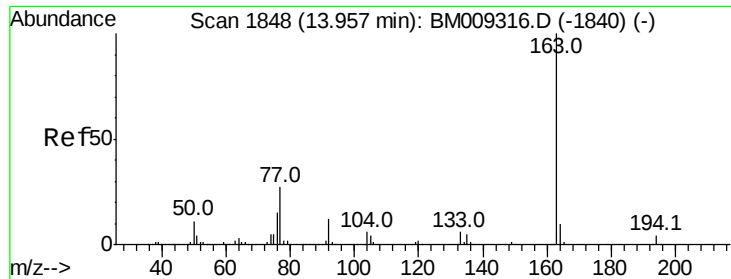
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#48
 Acenaphthylene
 Concen: 3.04 ng
 RT: 14.22 min Scan# 1892
 Delta R.T. -0.01 min
 Lab File: BM009439.D
 Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.2	15.9	23.9
153	33.1	10.6	16.0#





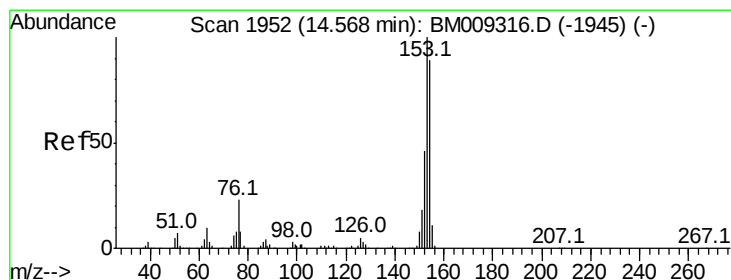
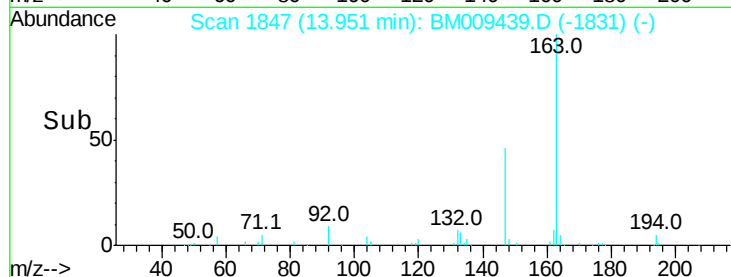
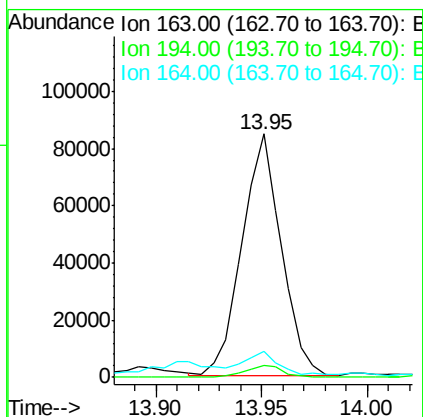
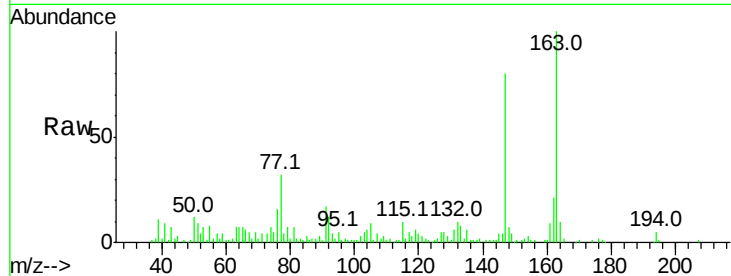
#49
Dimethylphthalate
Concen: 3.78 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	2.7	4.1#	
164	10.5	8.2	12.2	

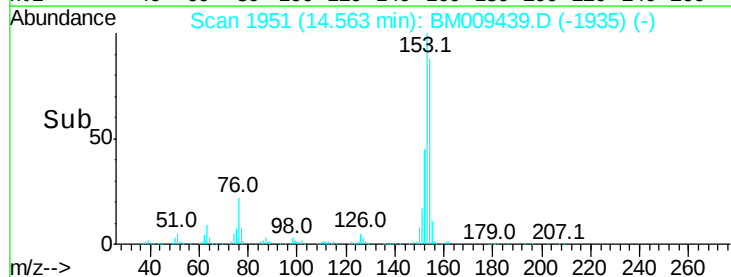
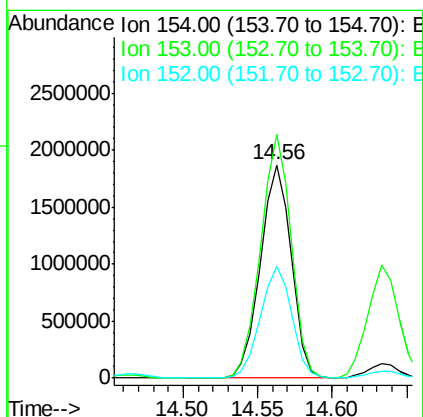
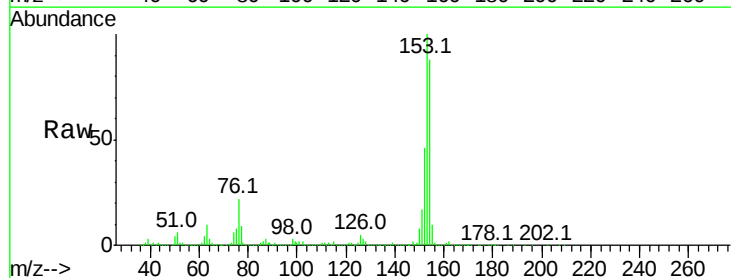
Manual Integrations
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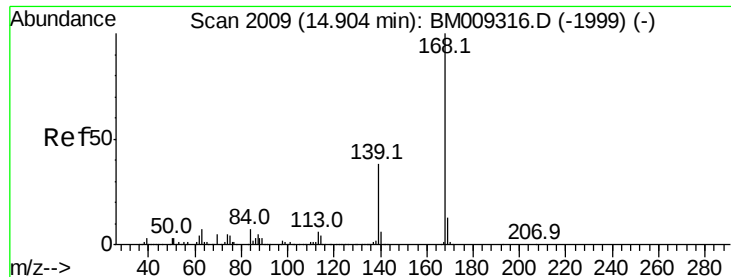
mohammad
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#51
Acenaphthene
Concen: 111.46 ng
RT: 14.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.3	90.0	135.0	
152	52.7	42.6	63.8	





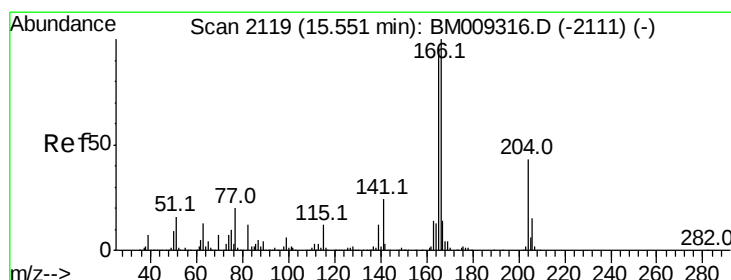
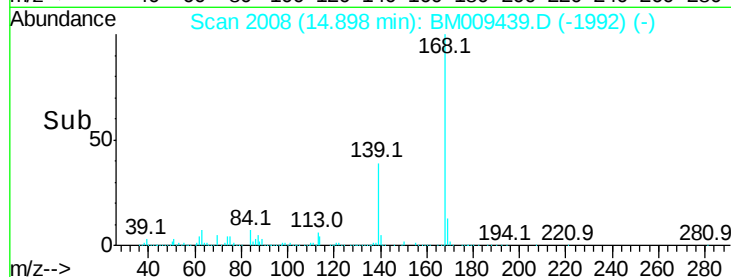
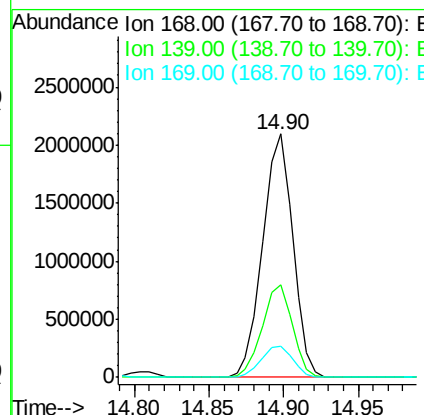
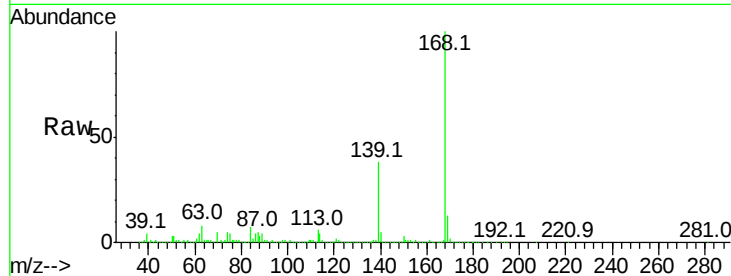
#54
Dibenzenofuran
Concen: 83.03 ng
RT: 14.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	27.3	40.9
169	12.7	10.6	16.0

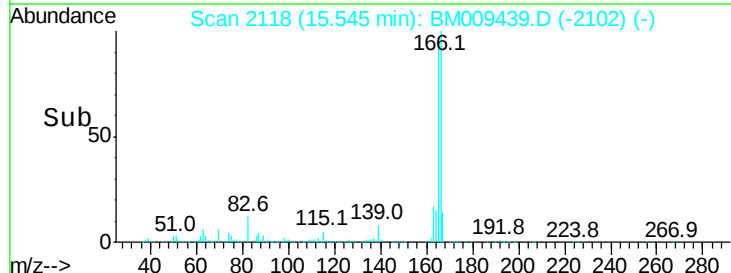
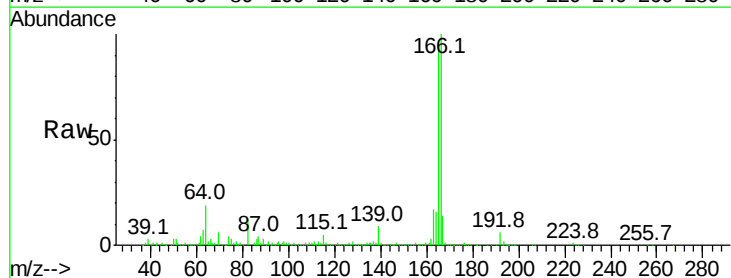
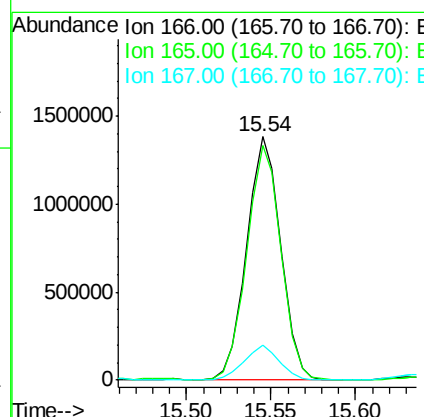
Manual Integrations
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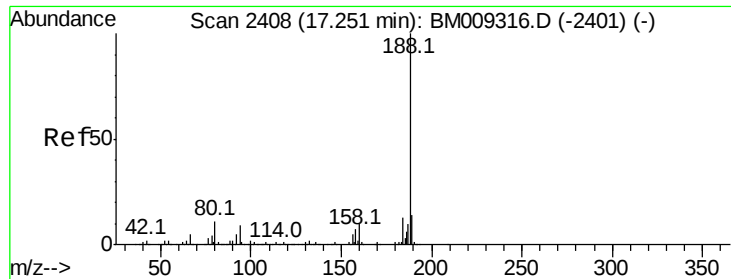
mohammad
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#57
Fluorene
Concen: 61.10 ng
RT: 15.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.0	118.4
167	14.3	10.3	15.5





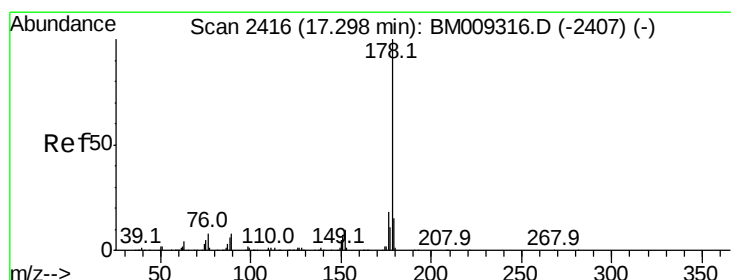
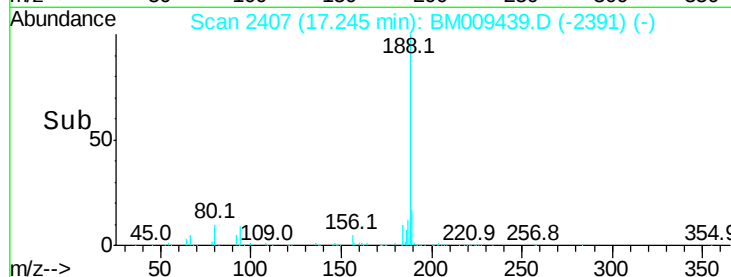
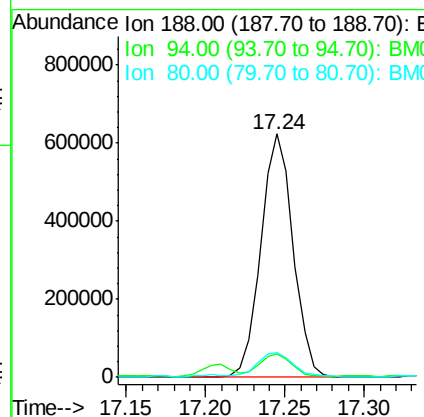
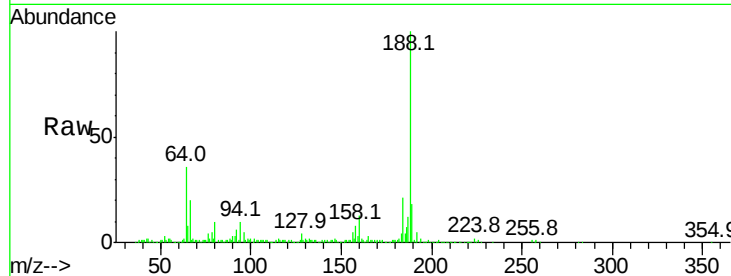
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	879314		
94	9.9	8.7	13.1	
80	10.4	9.3	13.9	

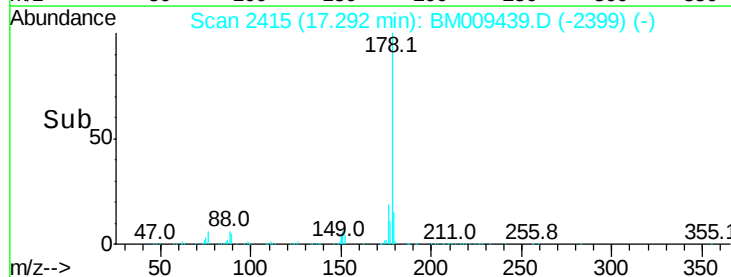
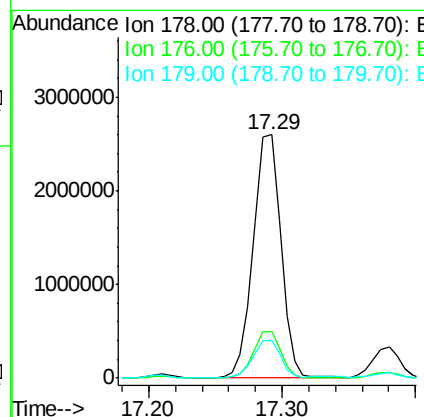
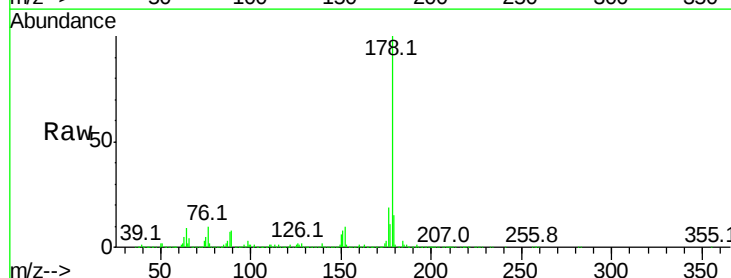
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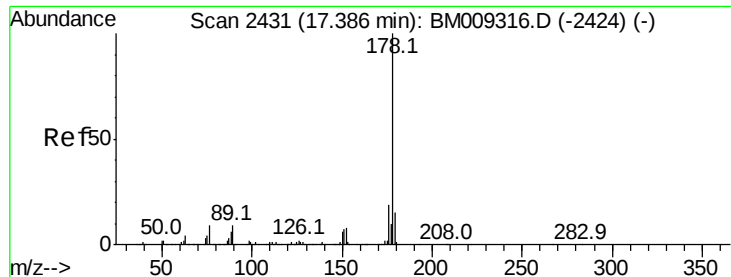
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#70
Phenanthrene
Concen: 73.90 ng
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3716015		
176	19.0	15.2	22.8	
179	15.3	12.1	18.1	





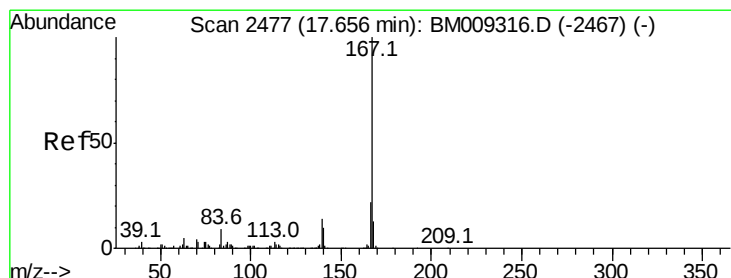
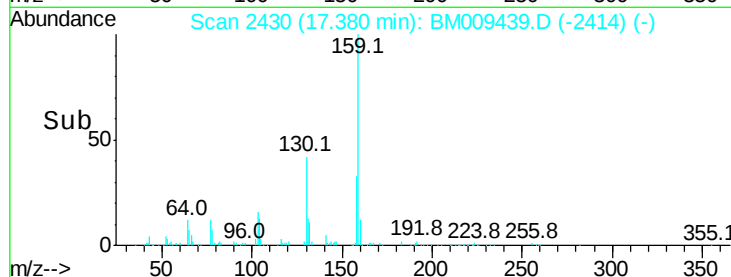
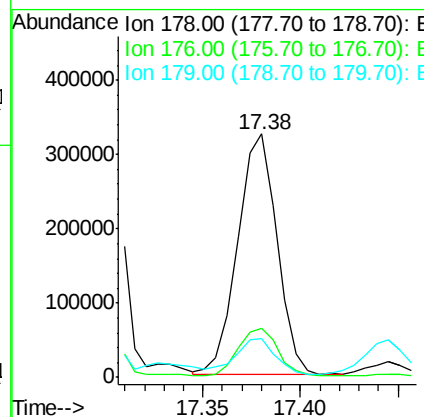
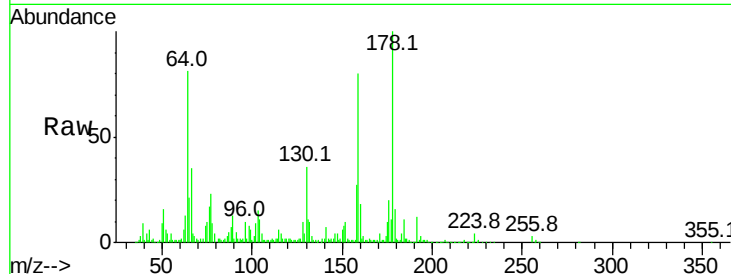
#71
 Anthracene
 Concen: 8.90 ng
 RT: 17.38 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM009439.D
 Acq: 29 Mar 2017 19:11

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GW

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.6	22.0
179	16.0	12.6	19.0

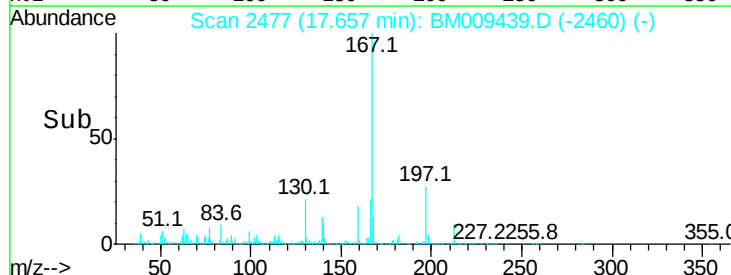
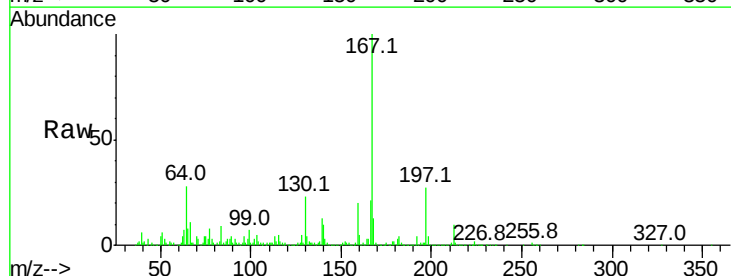
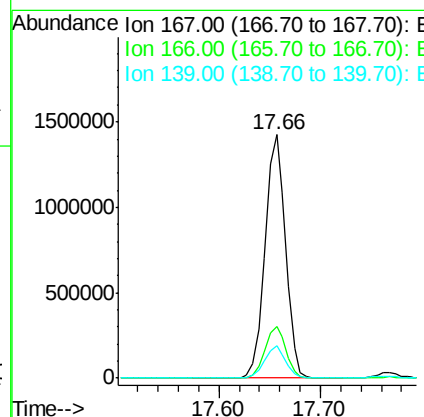
Manual Integrations
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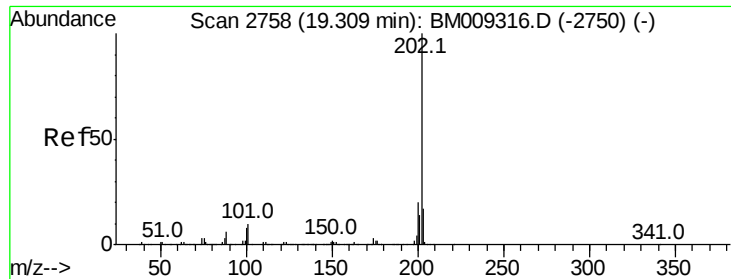
mohammad
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#72
 Carbazole
 Concen: 40.65 ng
 RT: 17.66 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BM009439.D
 Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.2	10.8	16.2





#74

Fluoranthene

Concen: 7.18 ng

RT: 19.32 min Scan# 2760

Delta R.T. 0.01 min

Lab File: BM009439.D

Acq: 29 Mar 2017 19:11

Instrument :

BNA_M

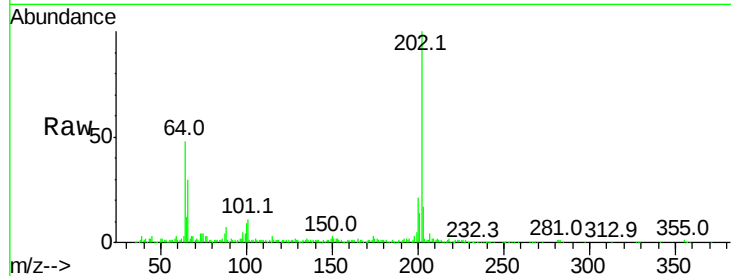
ClientSampleId :

QNWP8-MW26S-GW

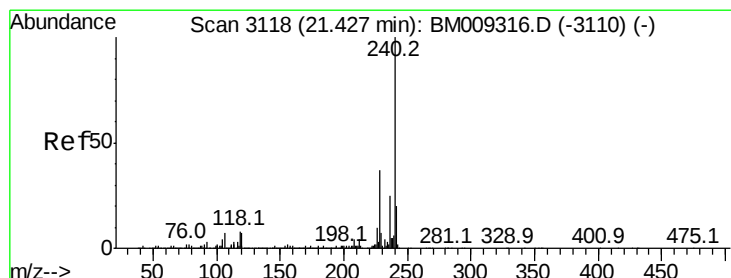
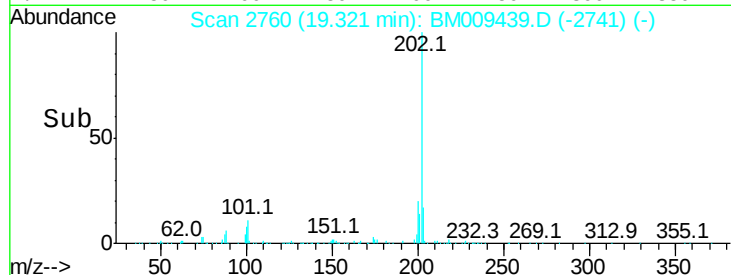
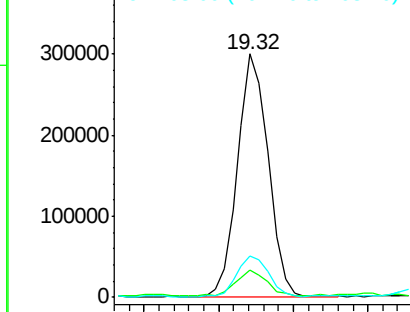
Tot Ion	Ratio	Resp	Lower	Upper
202	100	427546		
101	11.4	0.0	28.7	
203	17.2	0.0	37.2	

Manual Integrations
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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



#75

Chrysene-d12

Concen: 20.00 ng

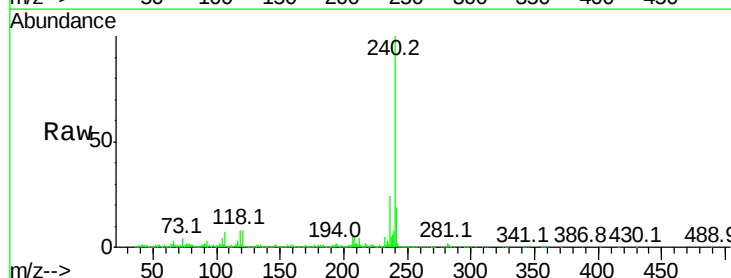
RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

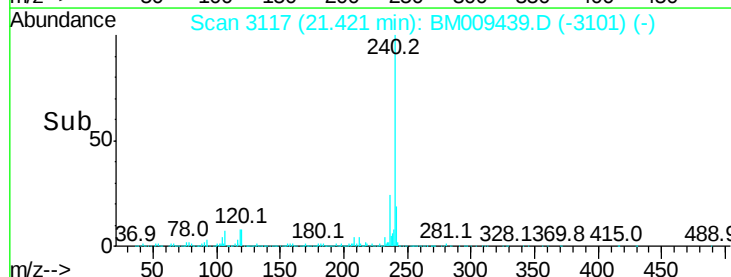
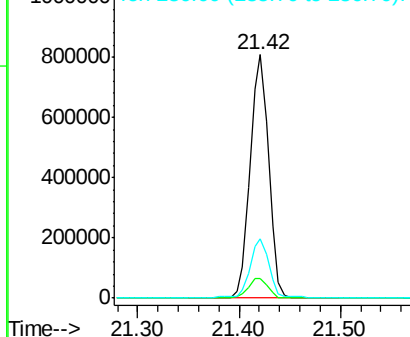
Lab File: BM009439.D

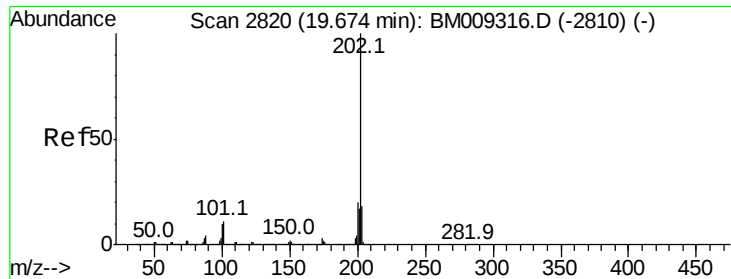
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	1024354		
120	8.1	8.2	12.2#	
236	24.3	20.0	30.0	



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





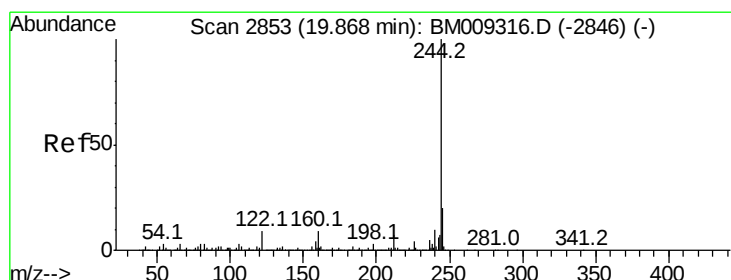
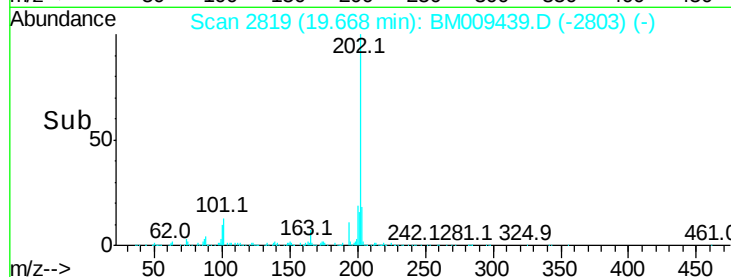
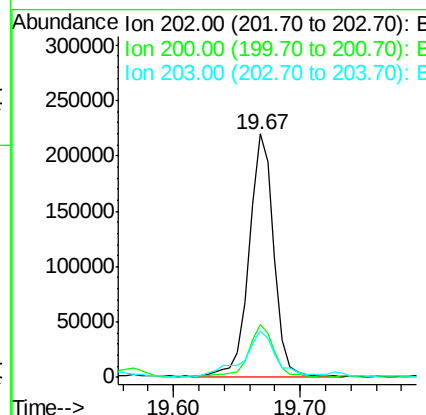
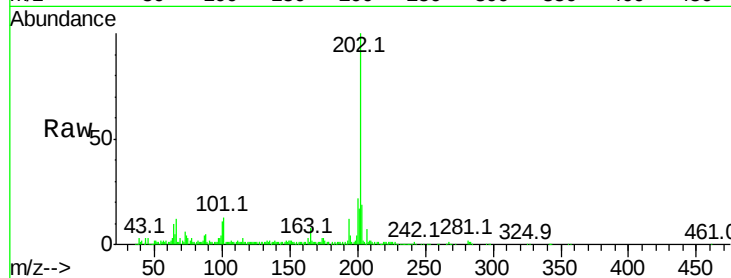
#77
Pvrene
Concen: 5.07 ng
RT: 19.67 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	16.9	25.3
203	19.3	14.1	21.1

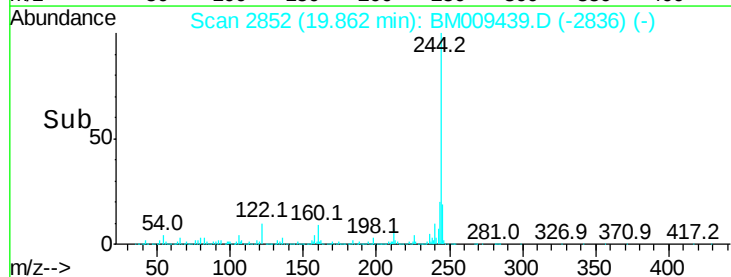
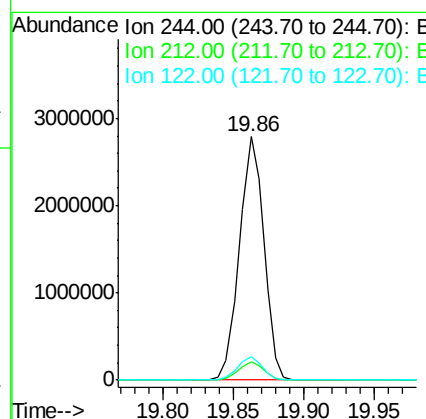
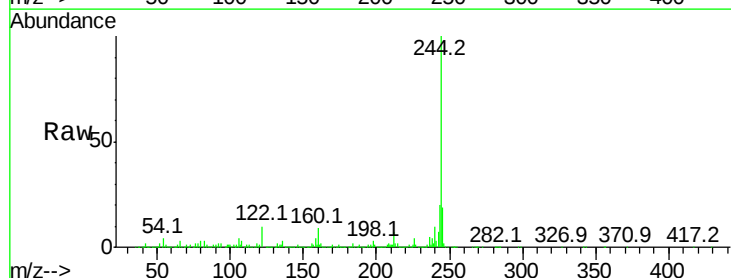
Manual Integrations
APPROVED

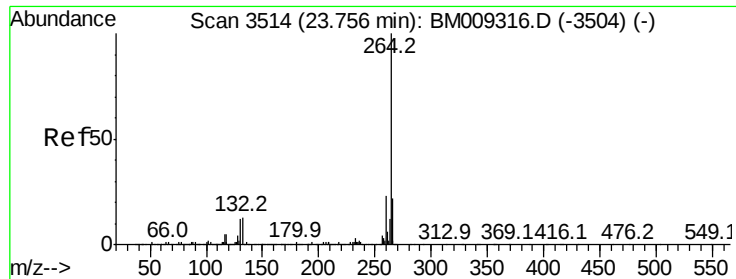
mohammad
3/31/2017 8:21:49 AM



#78
Terphenyl-d14
Concen: 68.79 ng
RT: 19.86 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	9.6	6.2	9.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM009439.D
Acq: 29 Mar 2017 19:11

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GW

Tot Ion:	264	Resp:	938901
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.6	27.8
265	21.3	17.3	25.9

Manual Integrations
APPROVED

mohammad
3/31/2017 8:21:49 AM

