

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092816\
 Data File : BM007605.D
 Acq On : 28 Sep 2016 17:07
 Operator : UM/SJ
 Sample : H4955-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VN1

Manual Integrations
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 9/29/2016 6:55:16 PM

Quant Time: Sep 28 18:11:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 28 13:23:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	185662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	901301	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	736816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1721393	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	2355546	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2169099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	23710	6.28	ng/uL	0.00
5) Phenol-d5	6.95	99	603889	36.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	319437	36.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	446441	37.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	523680	37.23	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	239056	37.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	273850	37.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	541625	37.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	579174	37.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1990473	37.14	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2229835	35.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	349677	36.96	ng/ul	0.00
57) Fluorene-d10	15.40	176	1689415	35.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	397693	37.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	2874755	36.34	ng/ul	0.00
76) Pyrene-d10	19.54	212	3549983	37.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3586205	37.37	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.97	94	349761	20.92	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	726568	60.67	ng/ul	99
11) 2-Methylphenol	8.22	108	799233	62.01	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	715178	65.75	ng/ul	92
16) 4-Methylphenol	8.55	108	894087	61.99	ng/ul	87
17) Hexachloroethane	8.85	117	194859	39.69	ng/ul	95
21) Isophorone	9.50	82	1326446	41.99	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	772712	43.85	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	908740	50.42	ng/ul	98
27) 2,4-Dichlorophenol	10.21	162	251971	17.53	ng/ul	99
28) Naphthalene	10.61	128	1051814	24.16	ng/ul	100
31) Hexachlorobutadiene	10.89	225	601810	57.32	ng/ul	95
32) Caprolactam	11.50	113	230117m	43.75	ng/ul	
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	815558	37.54	ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	395729	33.92	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	636663	41.97	ng/ul	98
41) 2-Chloronaphthalene	13.28	162	758860	19.93	ng/ul	99
44) Dimethylphthalate	13.87	163	1084942	20.87	ng/ul	100
47) Acenaphthylene	14.13	152	1431350	23.18	ng/ul	99
48) 3-Nitroaniline	14.33	138	617845	58.96	ng/ul	97
49) Acenaphthene	14.47	153	1429233	33.66	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	356351	51.74	ng/ul#	84
53) Dibenzofuran	14.80	168	1244581	19.87	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.46	166	420877	8.14	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	873394	32.10	ng/ul	97
60) 4-Nitroaniline	15.50	138	746254	64.75	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.55	198	804618	74.61	ng/ul#	96
68) Pentachlorophenol	16.81	266	1153204	87.14	ng/ul	99
71) Anthracene	17.29	178	2861021	30.92	ng/ul	99
72) Carbazole	17.56	167	3213378	39.07	ng/ul	98
74) Fluoranthene	19.21	202	2343777	20.39	ng/ul	99
78) Butylbenzylphthalate	20.47	149	1187950	26.78	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.24	149	1728867	27.03	ng/ul	100
82) Chrysene	21.37	228	3957260	32.19	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	4977965	42.52	ng/ul	100
88) Benzo(a)pyrene	23.50	252	4557778	39.03	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.89	276	1908868	14.80	ng/ul	96

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

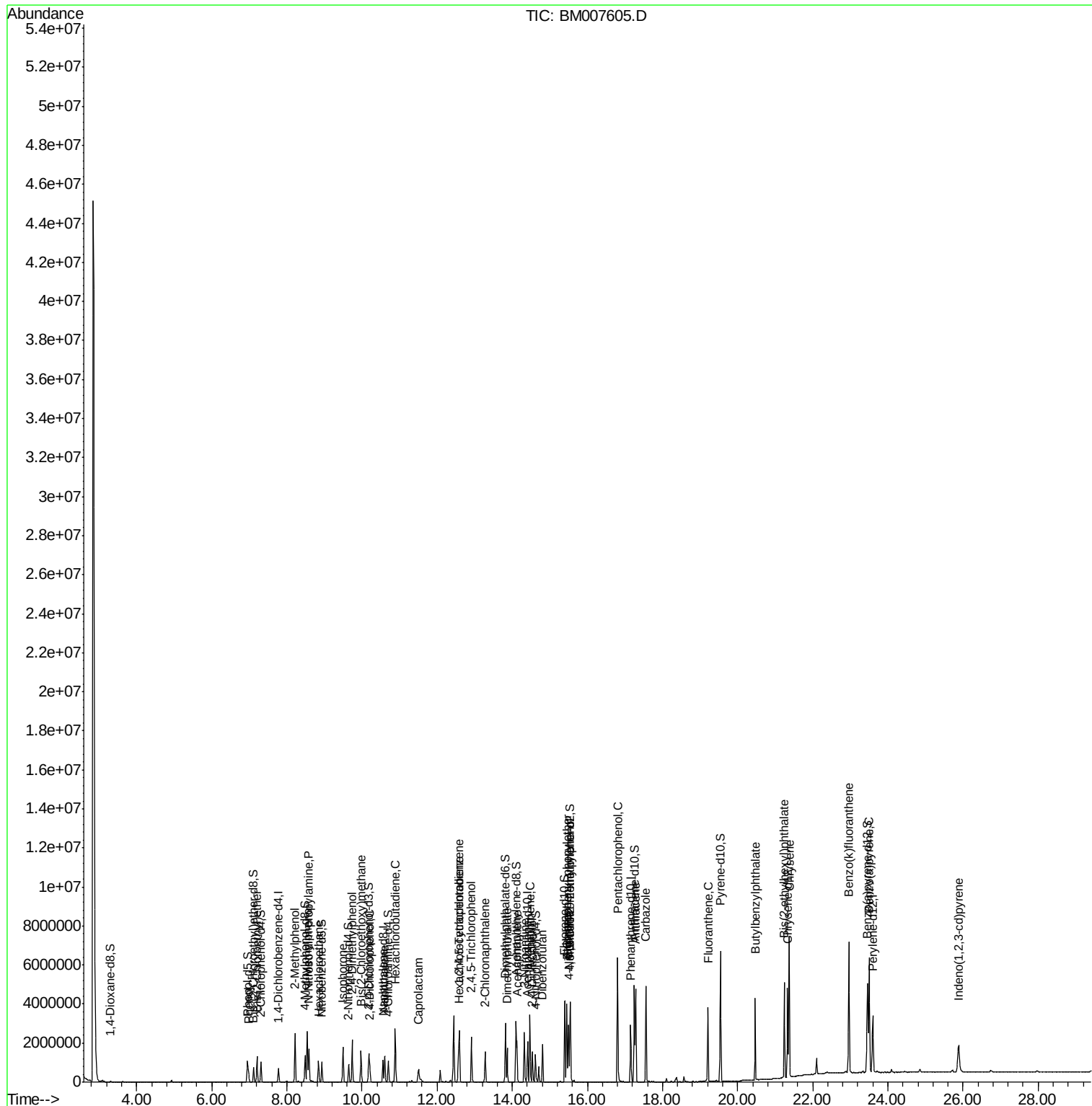
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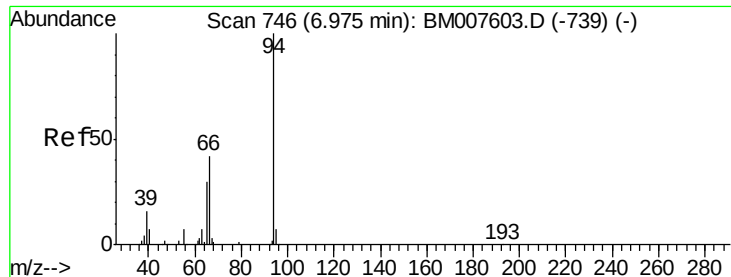
Instrument :
BNA_M
ClientSampleId :
A4VN1

Manual Integrations
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Quant Time: Sep 28 18:11:38 2016
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#6

Phenol

Concen: 20.92 ng/ul

RT: 6.97 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

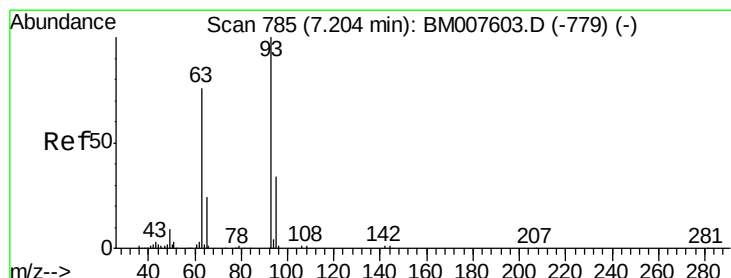
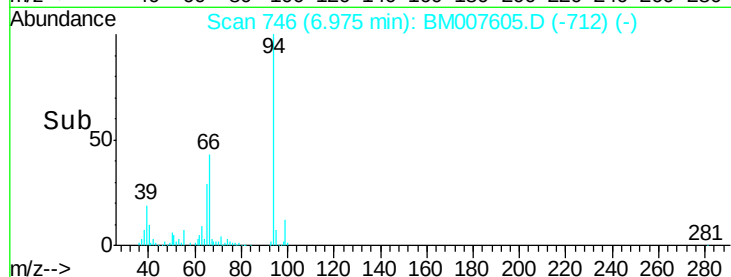
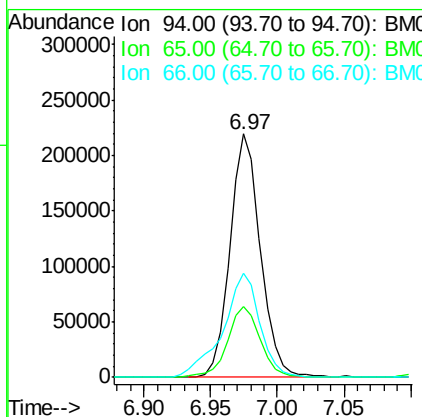
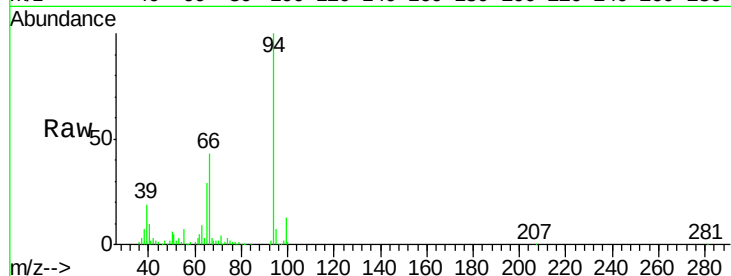
ClientSampled :

A4VN1

Tgt Ion:	94	Resp:	349761
Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.9	35.9
66	42.9	33.5	50.3

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#8

Bis(2-Chloroethyl)ether

Concen: 60.67 ng/ul

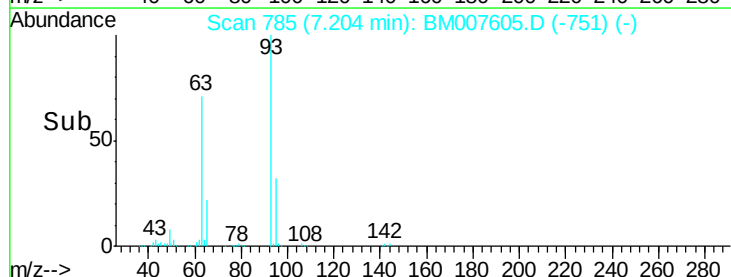
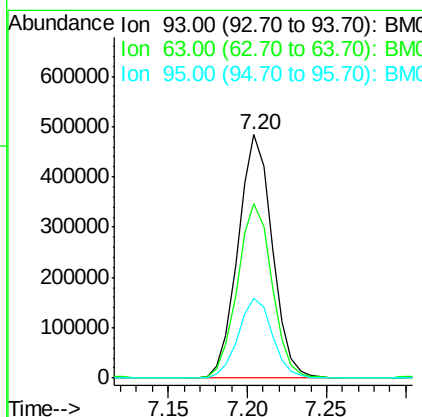
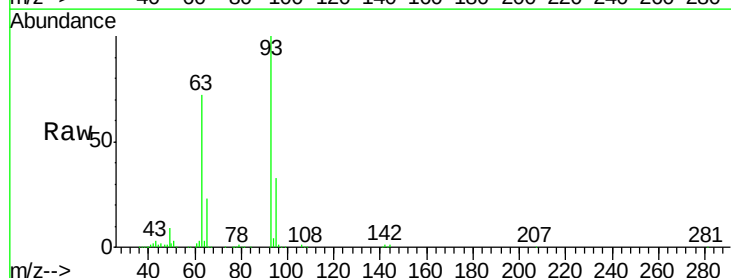
RT: 7.20 min Scan# 785

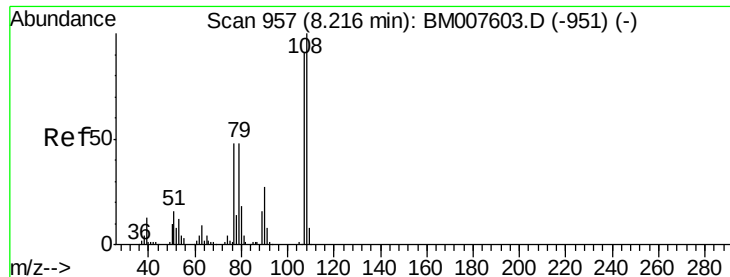
Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion:	93	Resp:	726568
Ion	Ratio	Lower	Upper
93	100		
63	71.5	57.3	85.9
95	32.6	25.1	37.7





#11

2-Methylphenol

Concen: 62.01 ng/ul

RT: 8.22 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampled :

A4VN1

Tgt Ion: 108 Resp: 799233

Ion Ratio Lower Upper

108 100

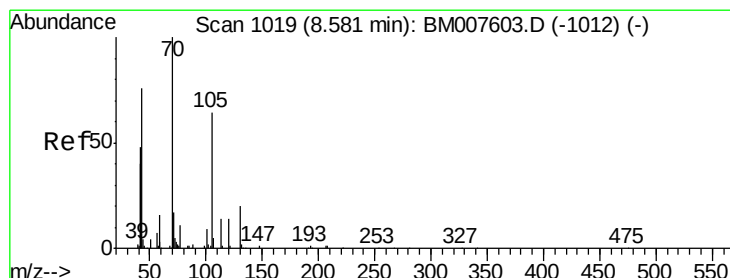
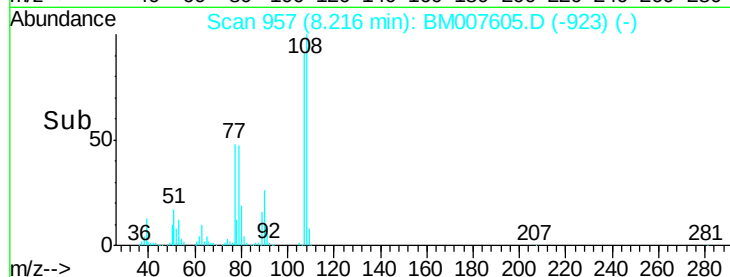
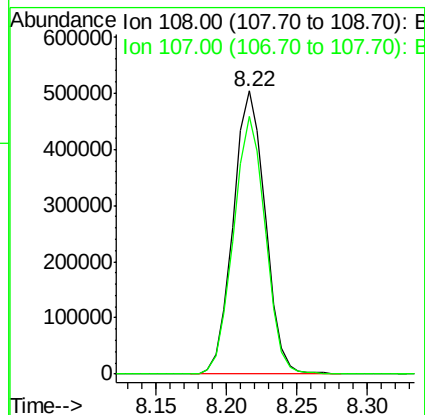
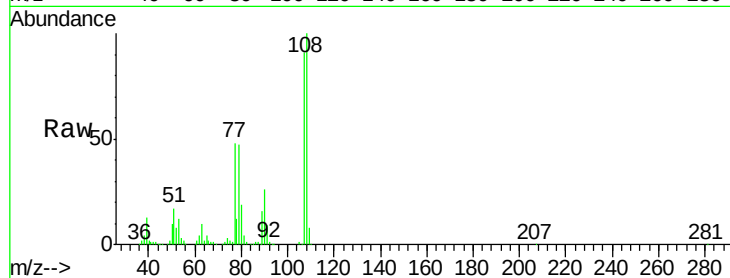
107 91.1 71.8 107.6

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#15

N-Nitroso-di-n-propylamine

Concen: 65.75 ng/ul

RT: 8.59 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion: 70 Resp: 715178

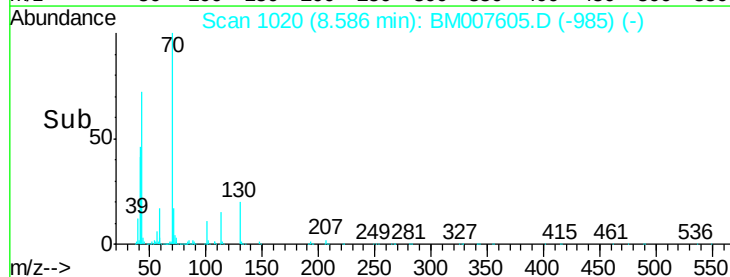
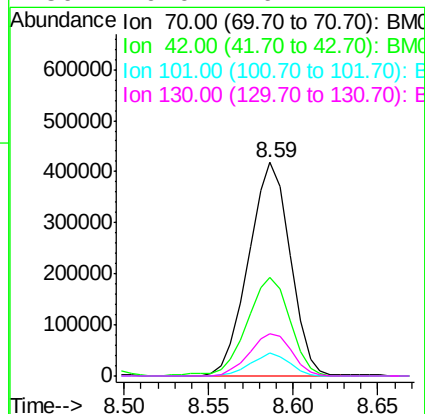
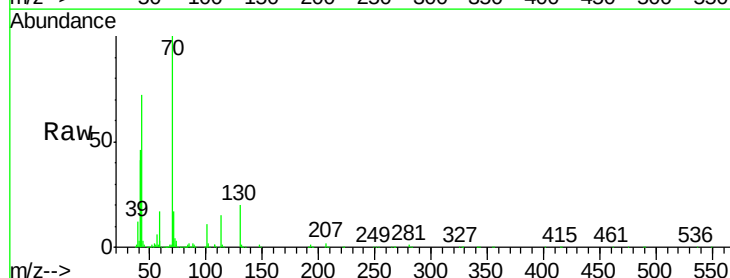
Ion Ratio Lower Upper

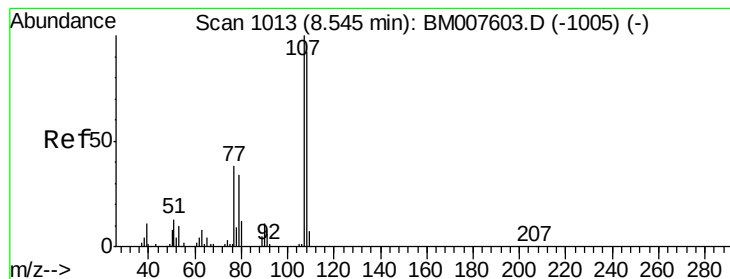
70 100

42 46.4 43.4 65.2

101 10.6 7.8 11.6

130 20.0 16.2 24.4





#16

4-Methylphenol

Concen: 61.99 ng/ul

RT: 8.55 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampleId :

A4VN1

Tgt Ion:108 Resp: 894087

Ion Ratio Lower Upper

108 100

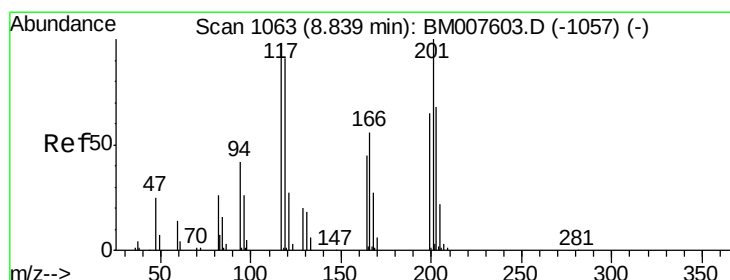
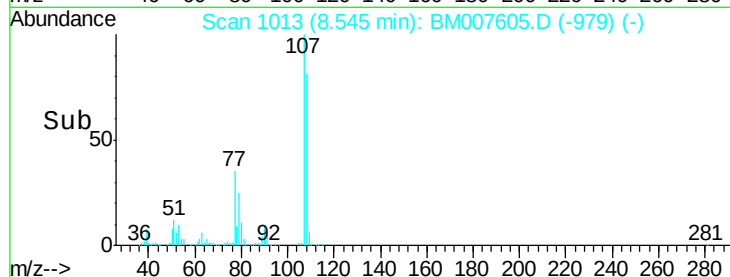
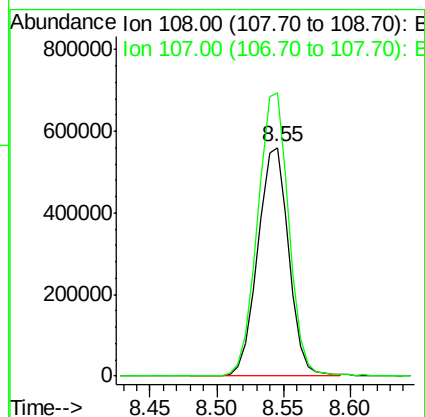
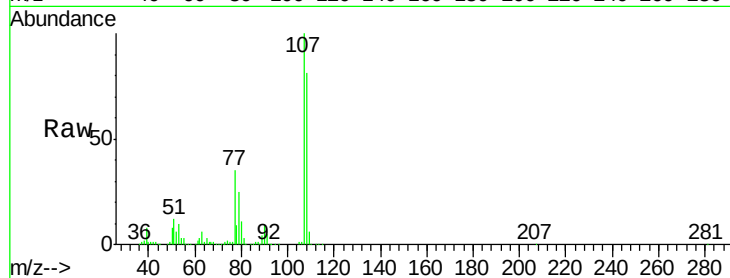
107 123.8 87.8 131.8

Manual Integrations

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#17

Hexachloroethane

Concen: 39.69 ng/ul

RT: 8.85 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

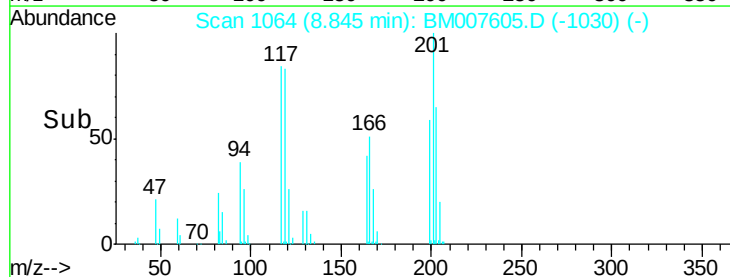
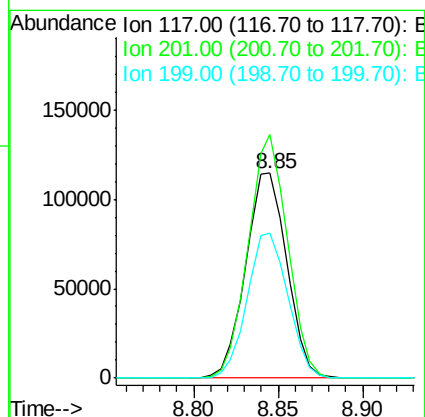
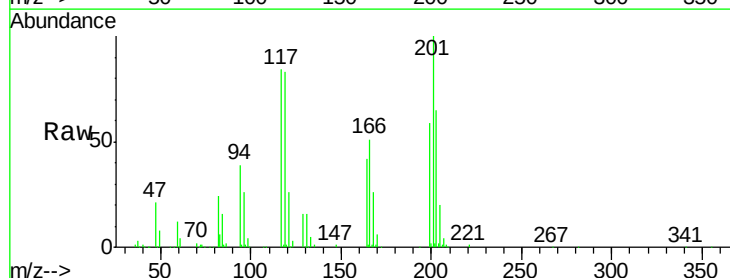
Tgt Ion:117 Resp: 194859

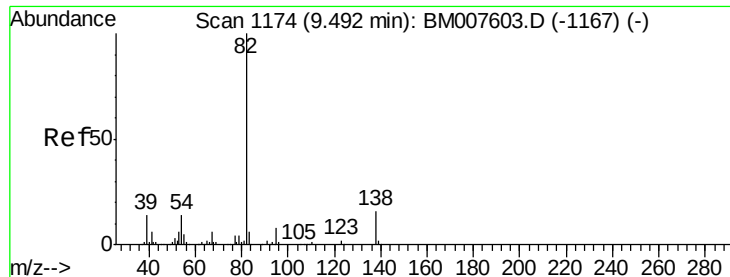
Ion Ratio Lower Upper

117 100

201 118.9 90.3 135.5

199 70.7 58.5 87.7





#21

Isophorone

Concen: 41.99 ng/ul

RT: 9.50 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampled :

A4VN1

Tgt Ion: 82 Resp: 1326446

Ion Ratio Lower Upper

82 100

95 8.0 6.9 10.3

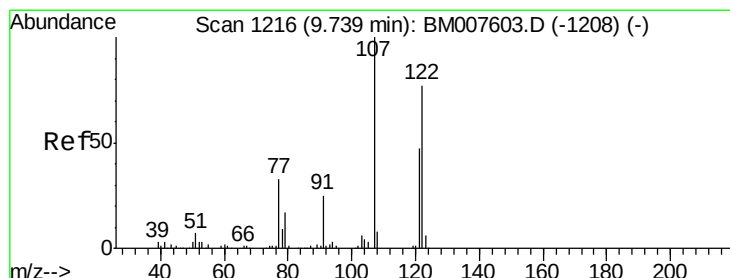
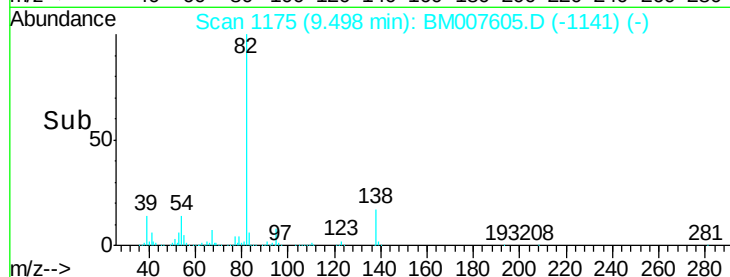
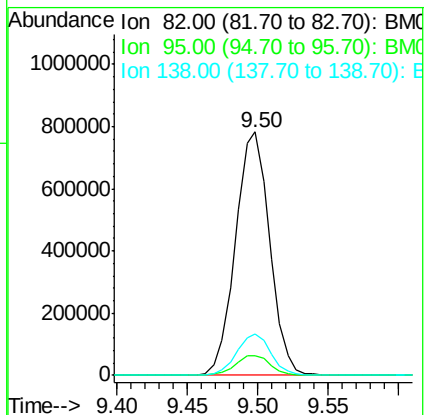
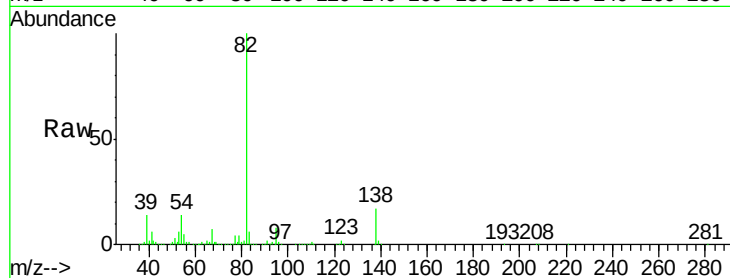
138 17.2 13.8 20.8

Manual Integrations

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#24

2,4-Dimethylphenol

Concen: 43.85 ng/ul

RT: 9.74 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

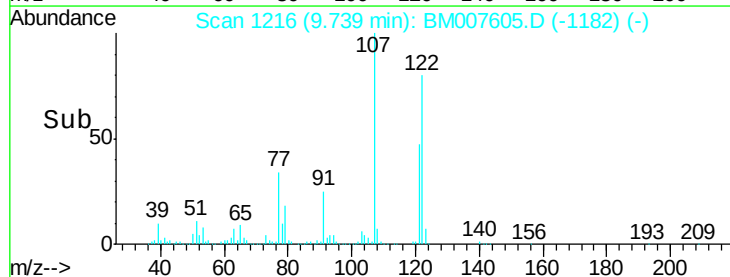
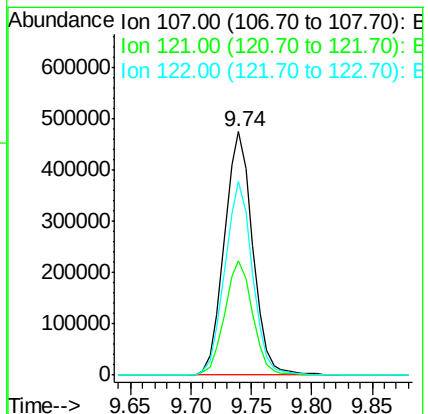
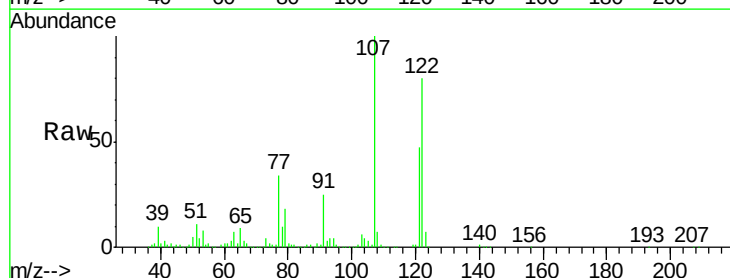
Tgt Ion: 107 Resp: 772712

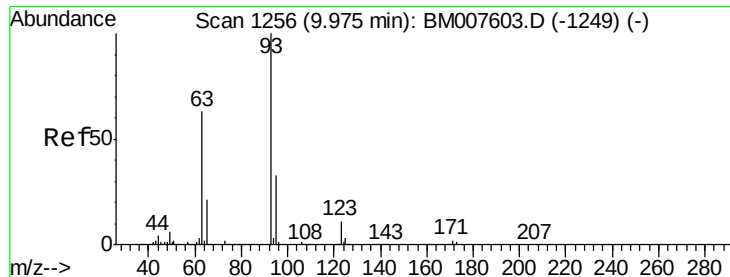
Ion Ratio Lower Upper

107 100

121 46.8 37.1 55.7

122 79.7 62.8 94.2





#25

Bis(2-Chloroethoxy)methane

Concen: 50.42 ng/ul

RT: 9.97 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

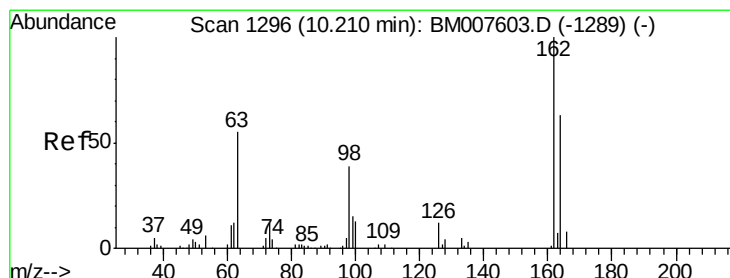
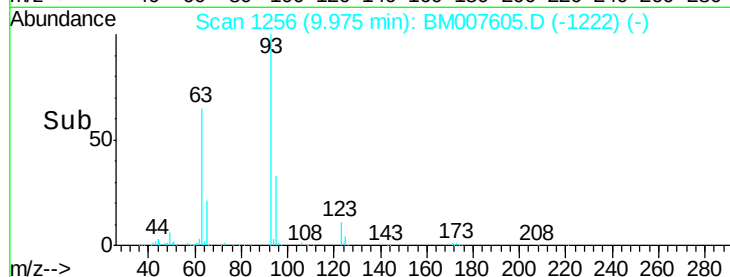
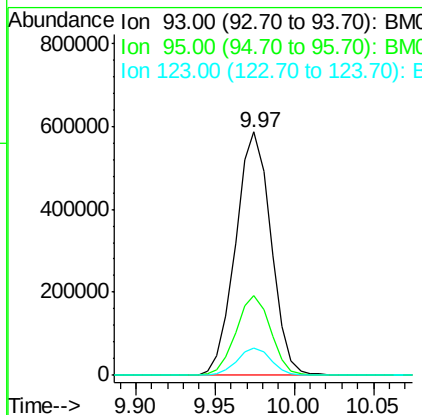
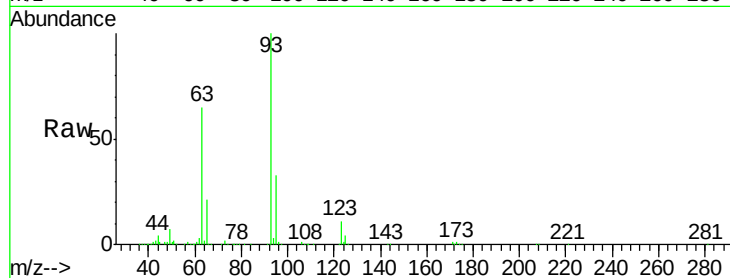
ClientSampleId :

A4VN1

Tgt Ion:	93	Resp:	908740
Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.0
123	11.1	8.3	12.5

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#27

2,4-Dichlorophenol

Concen: 17.53 ng/ul

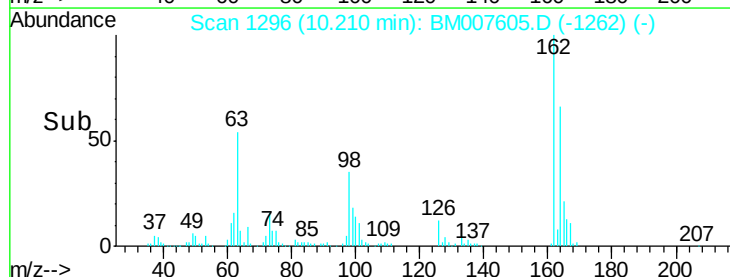
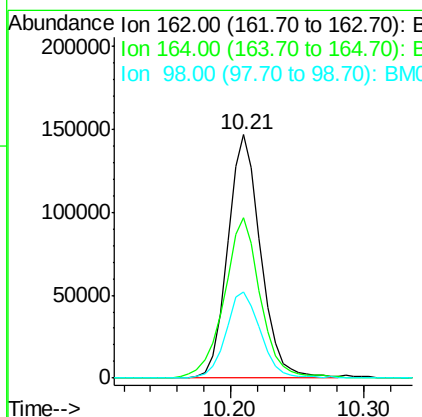
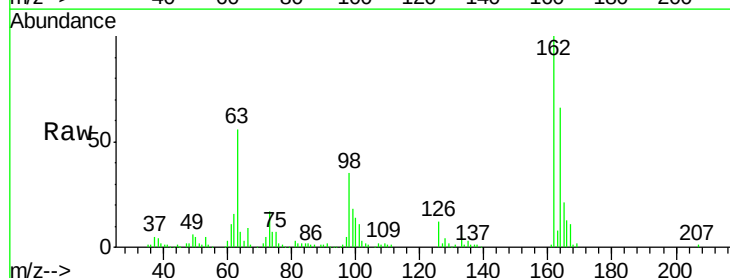
RT: 10.21 min Scan# 1296

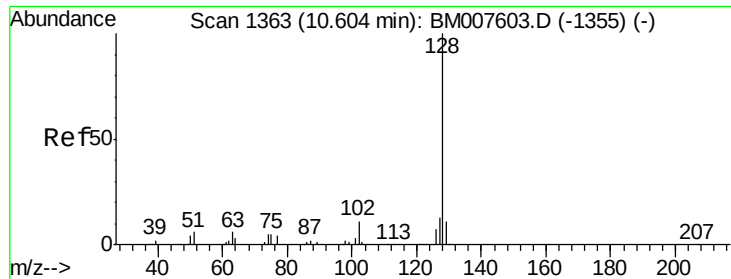
Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion:	162	Resp:	251971
Ion	Ratio	Lower	Upper
162	100		
164	66.0	51.6	77.4
98	35.5	28.4	42.6





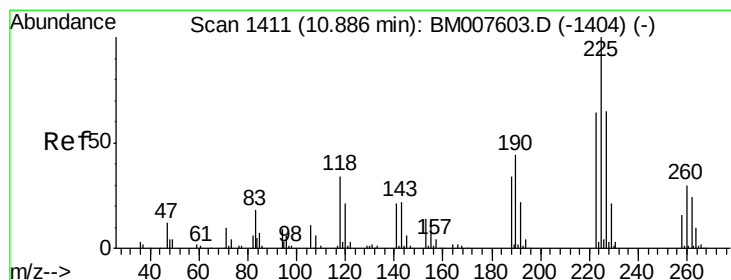
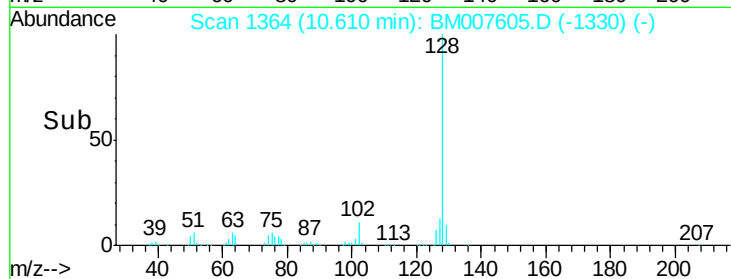
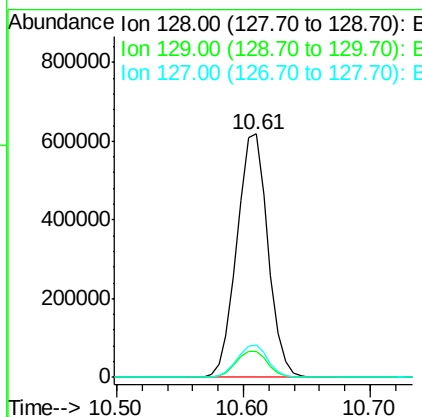
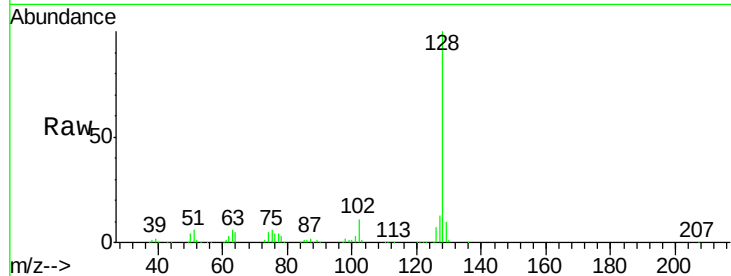
#28
Naphthalene
Concen: 24.16 ng/ul
RT: 10.61 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Instrument :
BNA_M
ClientSampleId :
A4VN1

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.3	10.6	15.8

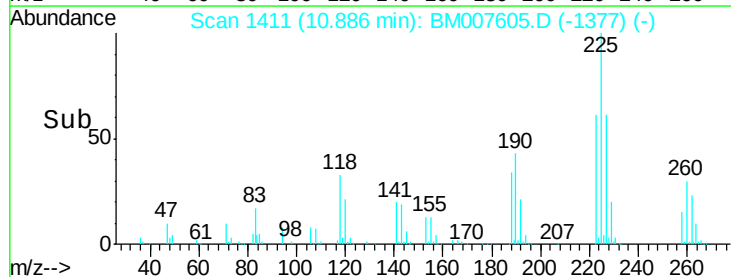
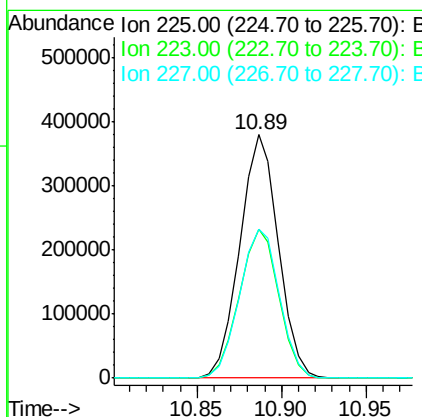
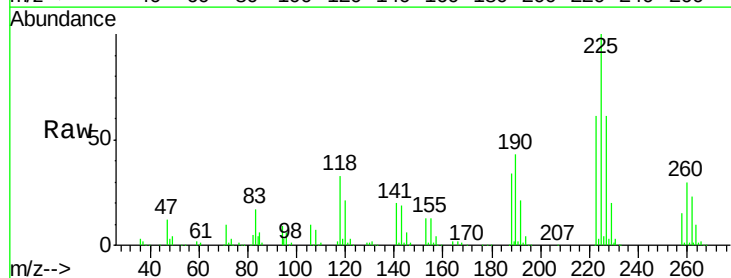
Manual Integrations
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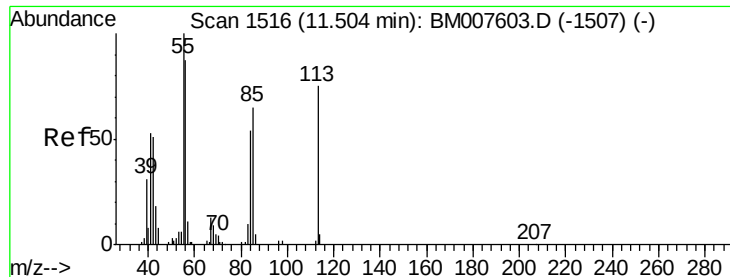
sohil
9/29/2016 6:55:16 PM



#31
Hexachlorobutadiene
Concen: 57.32 ng/ul
RT: 10.89 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.2	76.8
227	61.0	52.5	78.7





#32

Caprolactam

Concen: 43.75 ng/ul m

RT: 11.50 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampleId :

A4VN1

Tgt Ion:113 Resp: 230117
Ion Ratio Lower Upper

113 100

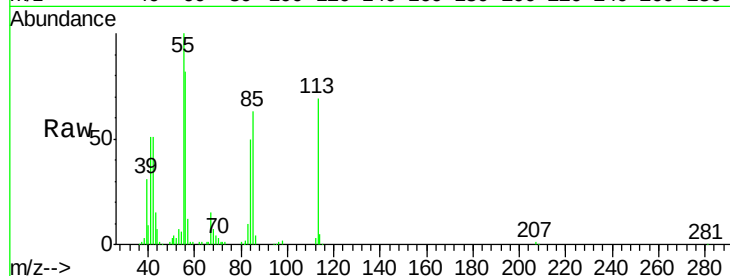
55 144.7 121.9 182.9

56 118.6 97.4 146.0

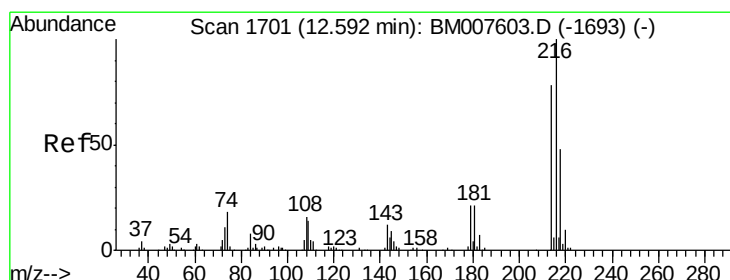
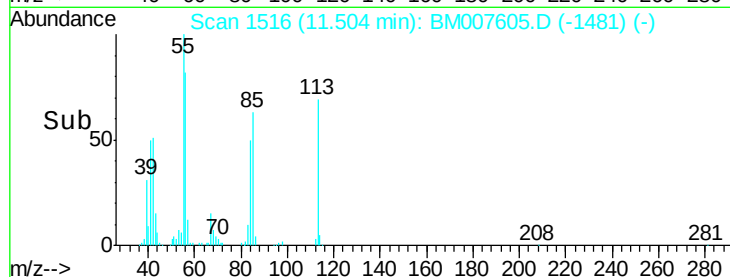
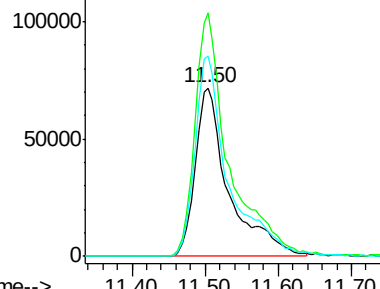
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0



#36

1,2,4,5-Tetrachlorobenzene

Concen: 37.54 ng/ul

RT: 12.59 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion:216 Resp: 815558
Ion Ratio Lower Upper

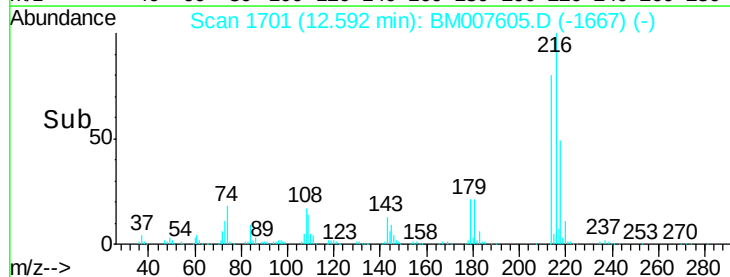
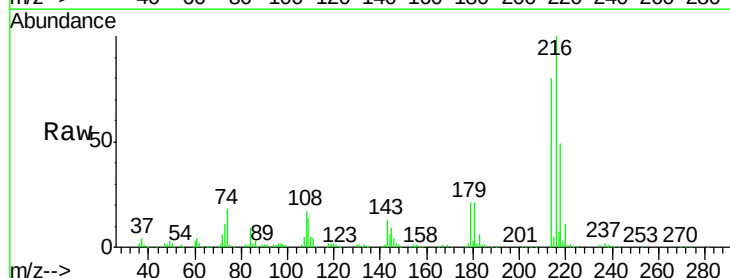
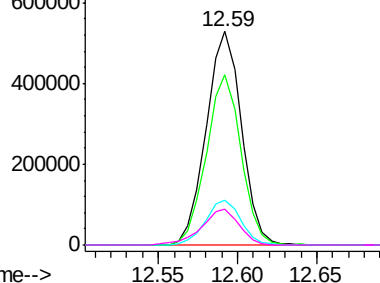
216 100

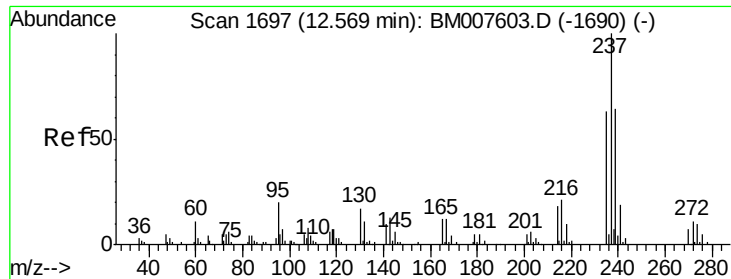
214 79.7 64.8 97.2

179 21.1 16.7 25.1

108 16.6 13.2 19.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





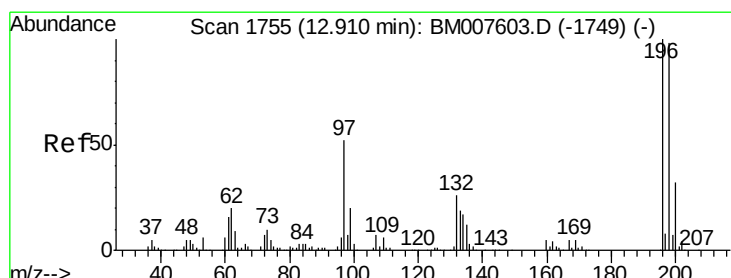
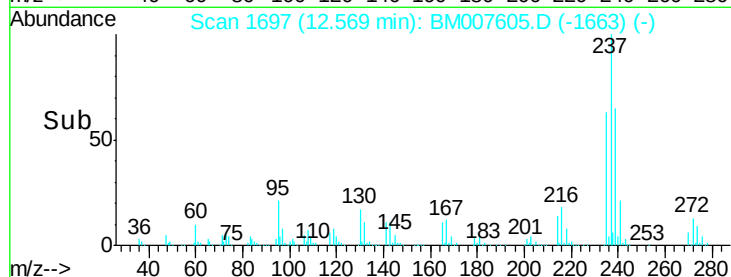
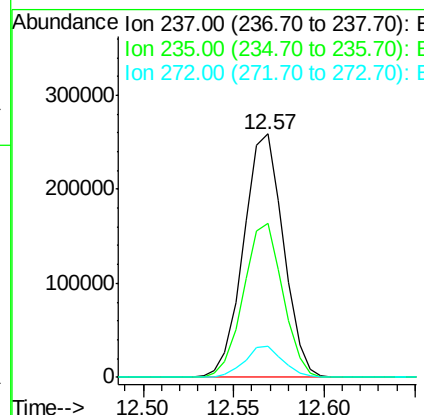
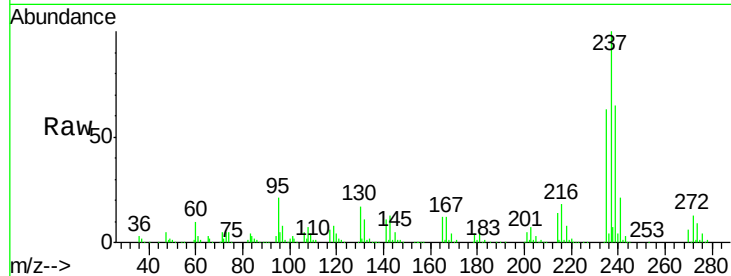
#37
Hexachlorocyclopentadiene
Concen: 33.92 ng/ul
RT: 12.57 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Instrument :
BNA_M
ClientSampleId :
A4VN1

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	49.6	74.4
272	12.8	10.4	15.6

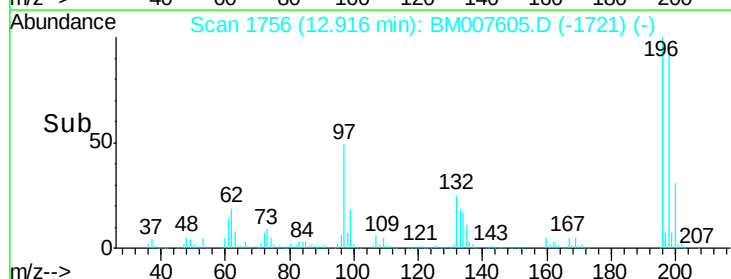
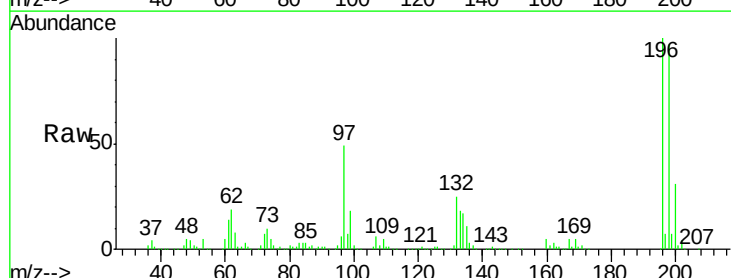
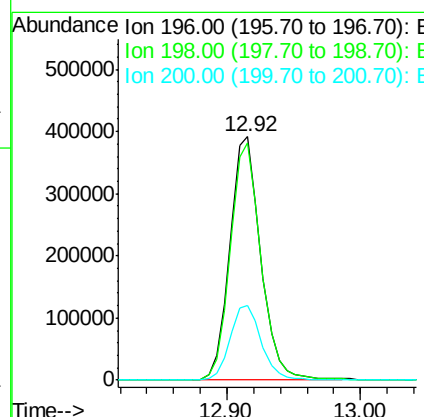
Manual Integrations
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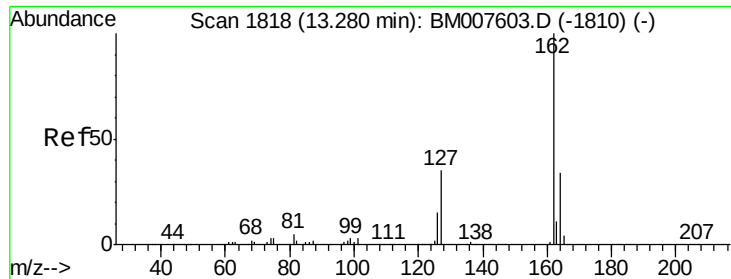
sohil
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#39
2,4,5-Trichlorophenol
Concen: 41.97 ng/ul
RT: 12.92 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.2	76.8	115.2
200	30.9	27.0	40.4





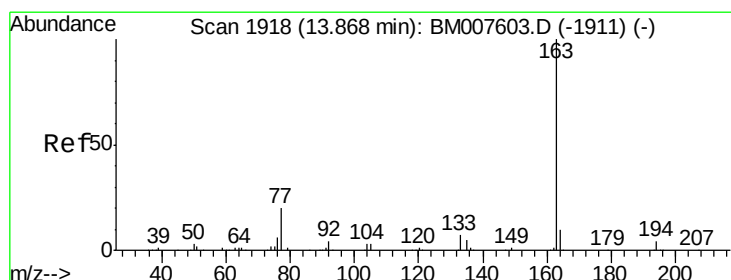
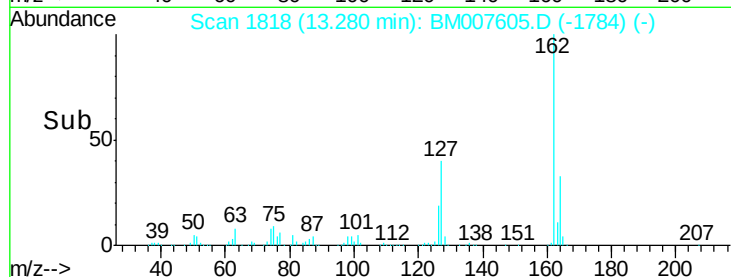
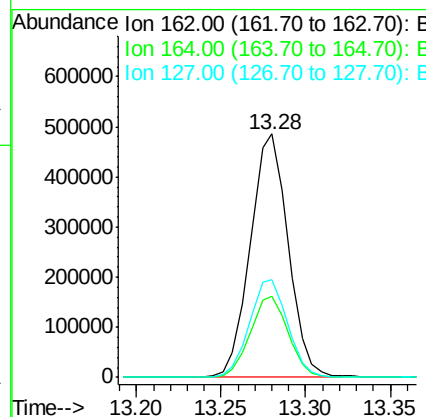
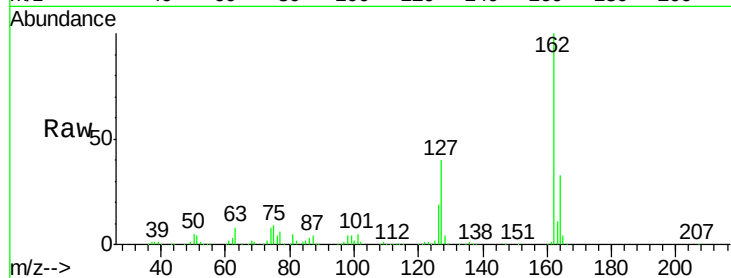
#41
2-Chloronaphthalene
Concen: 19.93 ng/ul
RT: 13.28 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Instrument :
BNA_M
ClientSampleId :
A4VN1

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.2	26.9	40.3
127	40.2	31.2	46.8

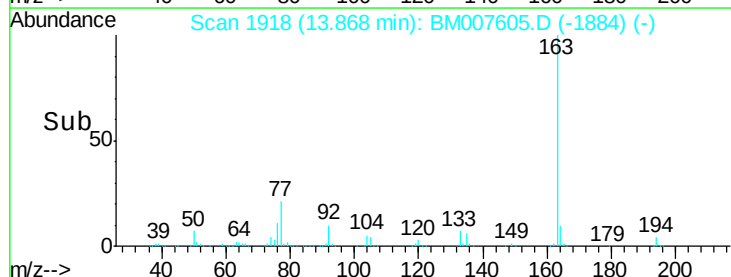
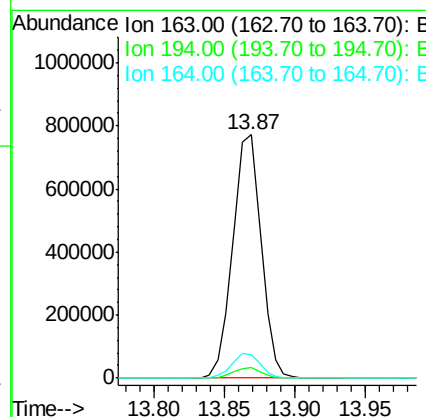
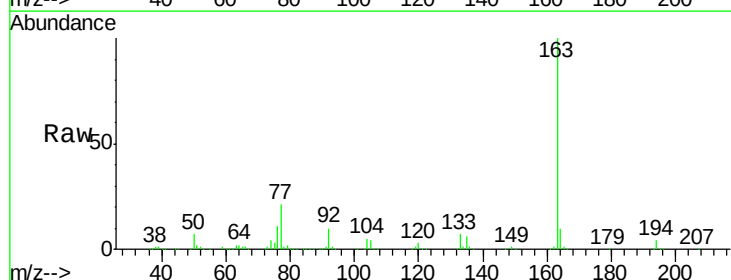
Manual Integrations
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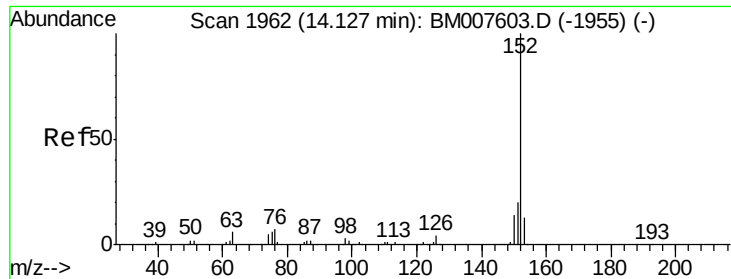
sohil
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#44
Dimethylphthalate
Concen: 20.87 ng/ul
RT: 13.87 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.7	7.8	11.8





#47

Acenaphthylene

Concen: 23.18 ng/ul

RT: 14.13 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

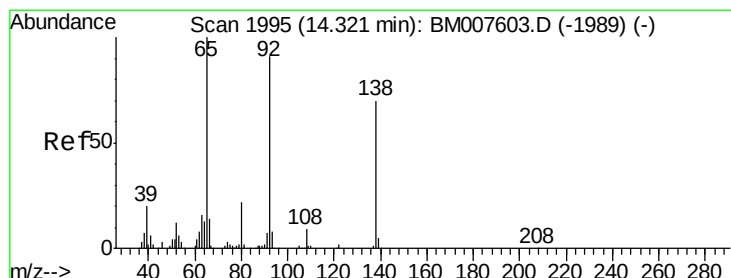
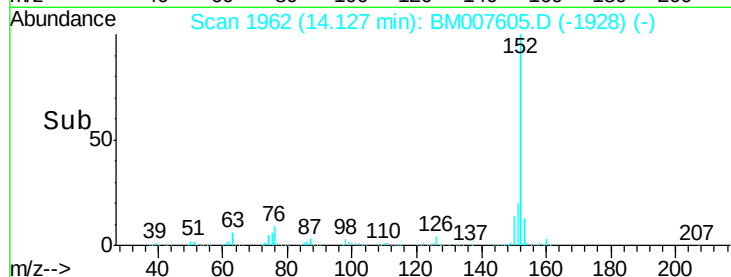
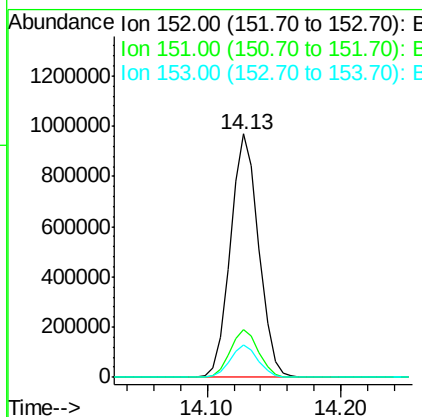
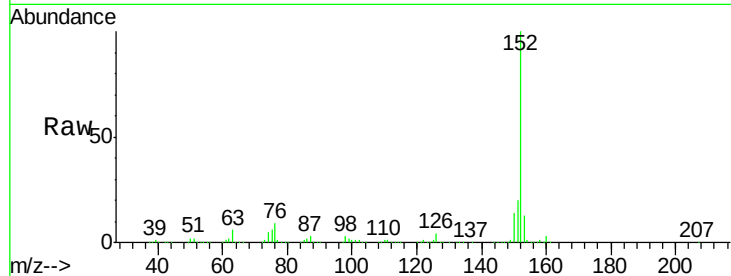
ClientSampleId :

A4VN1

Tgt Ion:	152	Resp:	1431350
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.3	11.0	16.6

Manual Integrations
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#48

3-Nitroaniline

Concen: 58.96 ng/ul

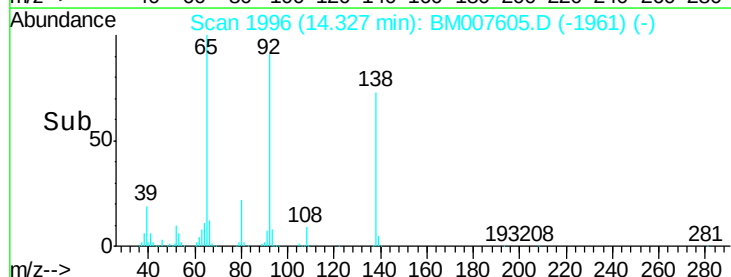
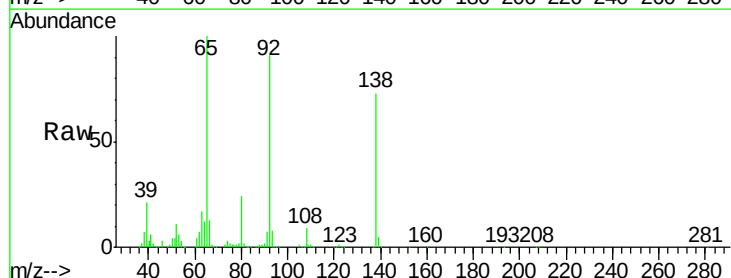
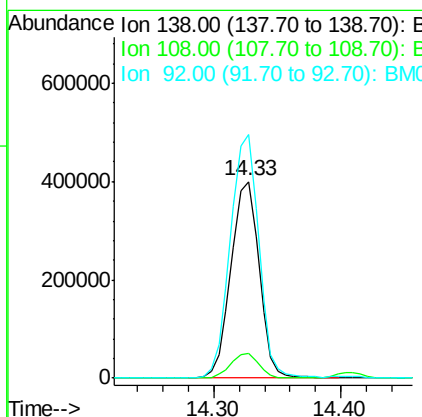
RT: 14.33 min Scan# 1996

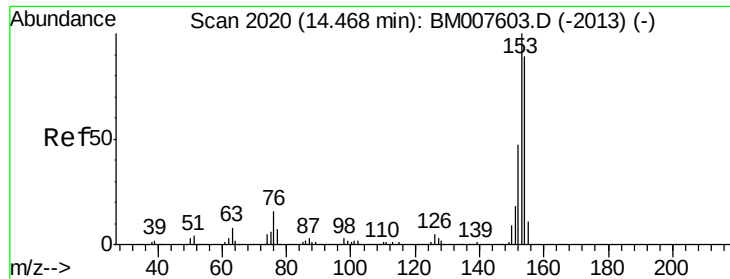
Delta R.T. 0.01 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion:	138	Resp:	617845
Ion	Ratio	Lower	Upper
138	100		
108	12.6	9.4	14.0
92	124.0	96.6	145.0





#49

Acenaphthene

Concen: 33.66 ng/ul

RT: 14.47 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampled :

A4VN1

Tgt Ion:153 Resp: 1429233

Ion Ratio Lower Upper

153 100

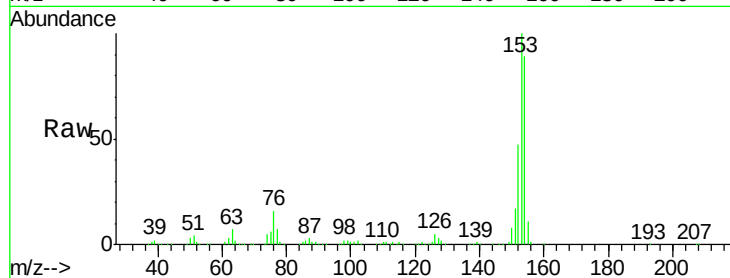
152 47.3 37.8 56.6

154 89.4 71.4 107.0

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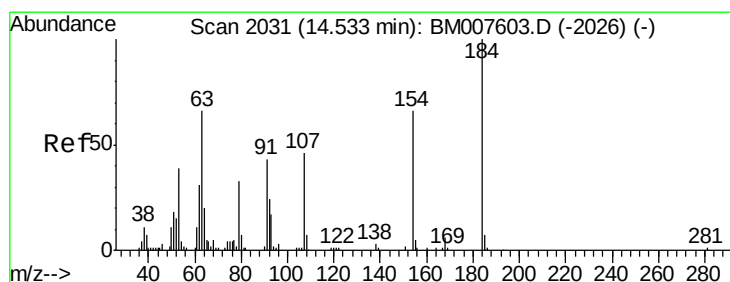
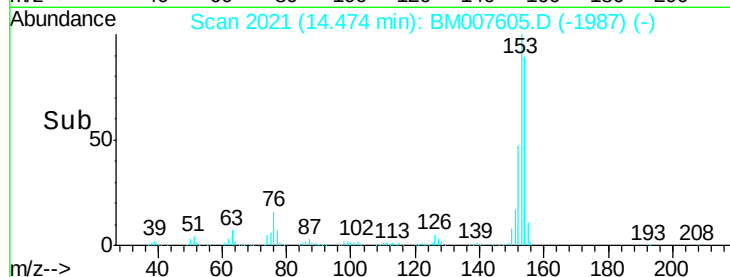
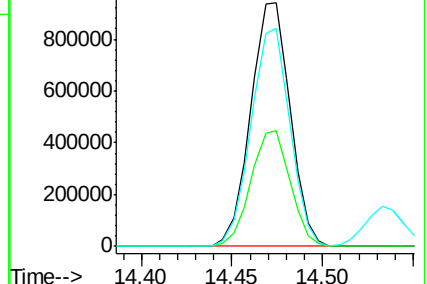
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 51.74 ng/ul

RT: 14.53 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

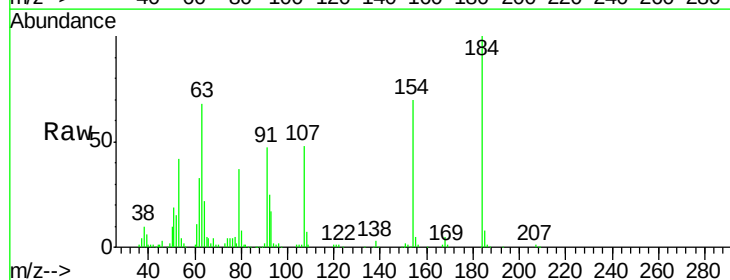
Tgt Ion:184 Resp: 356351

Ion Ratio Lower Upper

184 100

63 68.0 43.4 65.0#

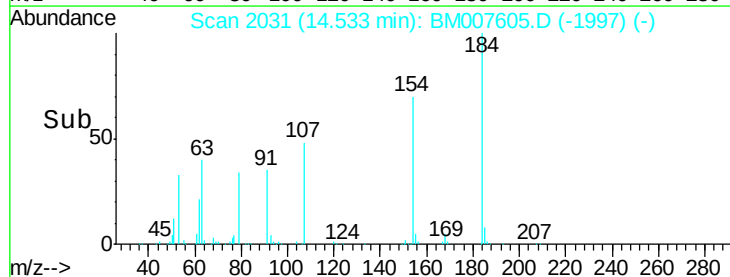
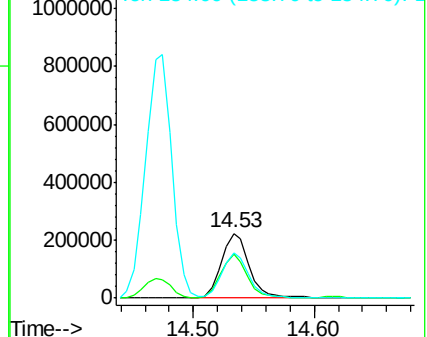
154 70.1 48.2 72.4

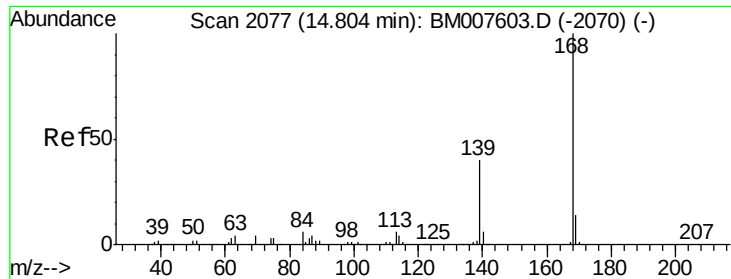


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





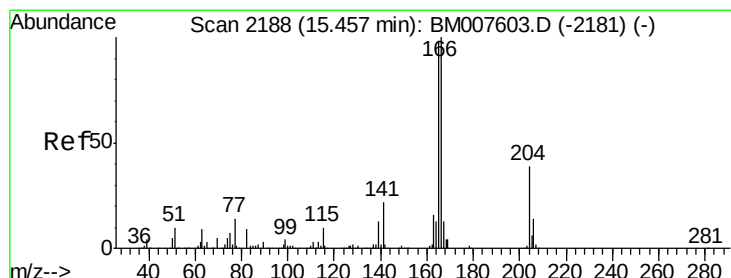
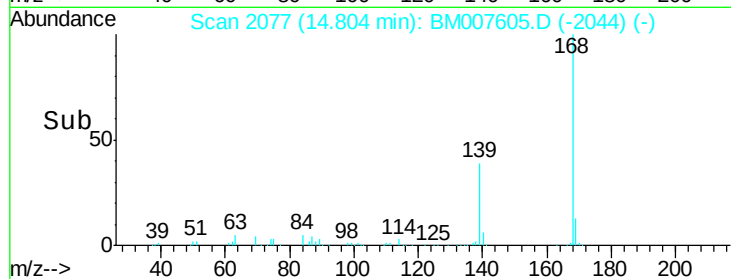
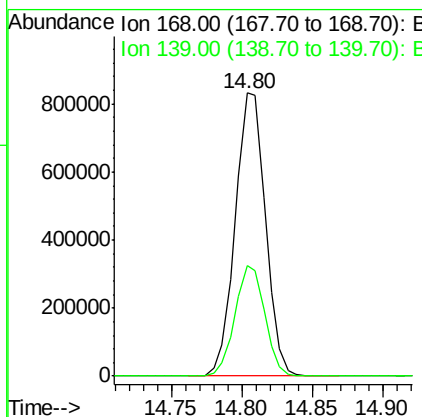
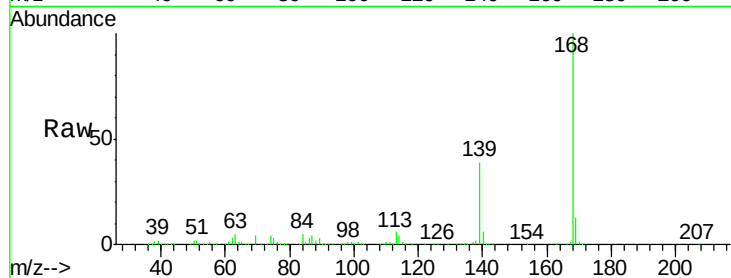
#53
Dibenzenofuran
Concen: 19.87 ng/ul
RT: 14.80 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Instrument :
BNA_M
ClientSampleId :
A4VN1

Tgt Ion:168 Resp: 1244581
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1

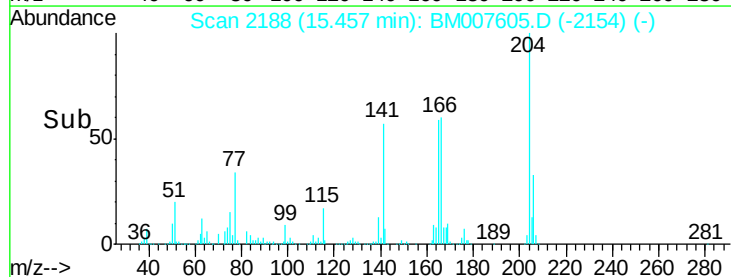
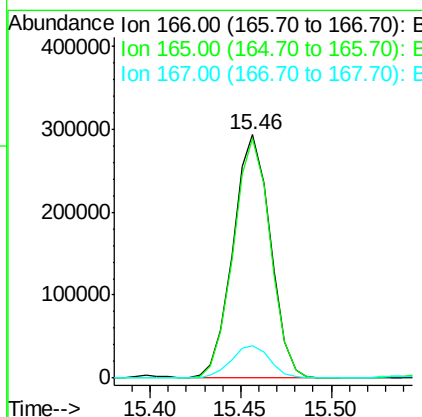
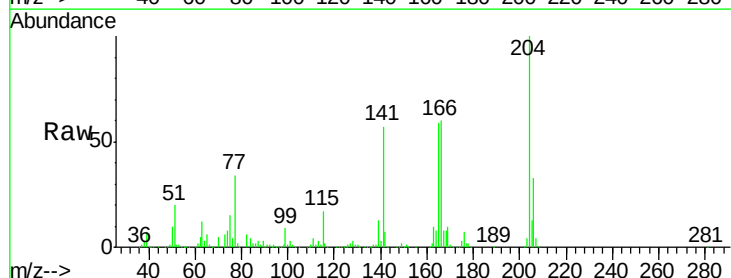
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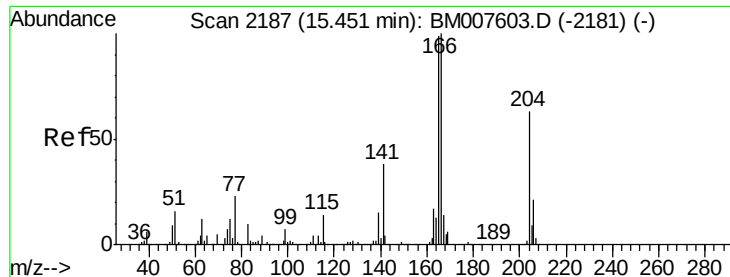
sohil
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#58
Fluorene
Concen: 8.14 ng/ul
RT: 15.46 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Tgt Ion:166 Resp: 420877
Ion Ratio Lower Upper
166 100
165 98.3 79.9 119.9
167 13.2 10.5 15.7





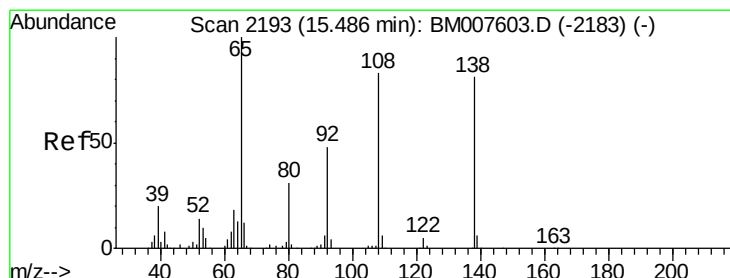
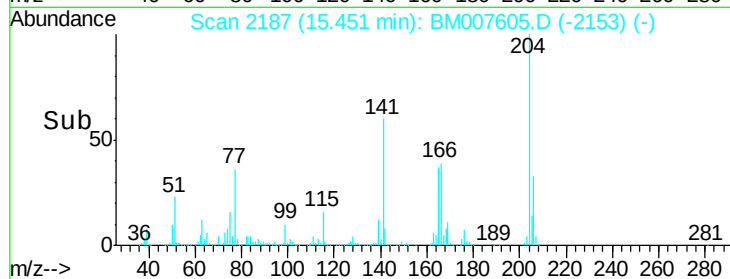
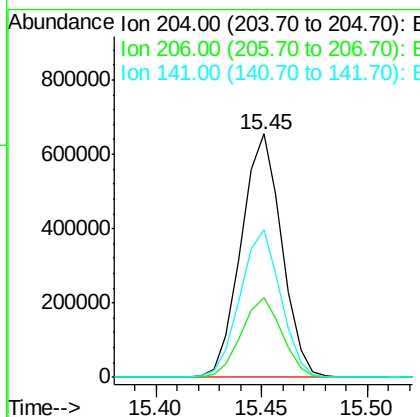
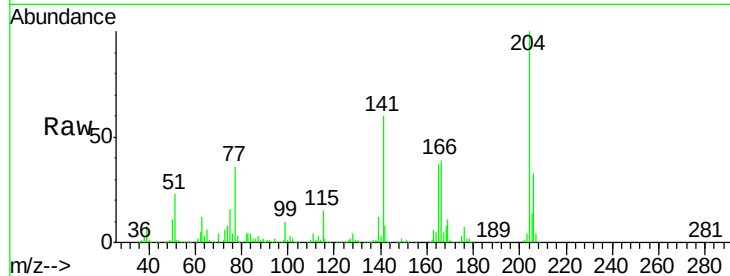
#59
 4-Chlorophenyl-phenylether
 Concen: 32.10 ng/ul
 RT: 15.45 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BM007605.D
 Acq: 28 Sep 2016 17:07

Instrument :
 BNA_M
 ClientSampled :
 A4VN1

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	60.4	46.1	69.1

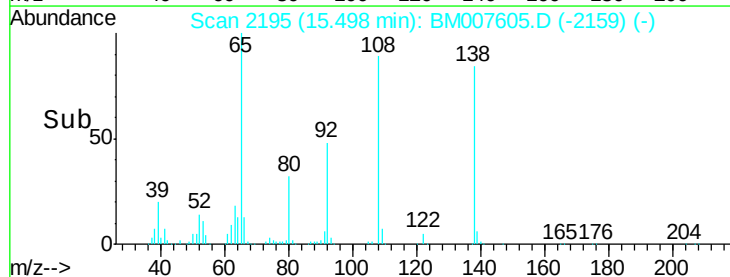
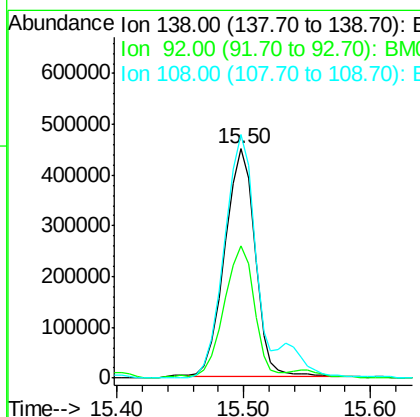
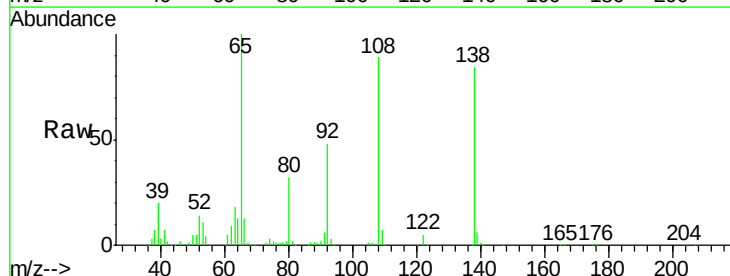
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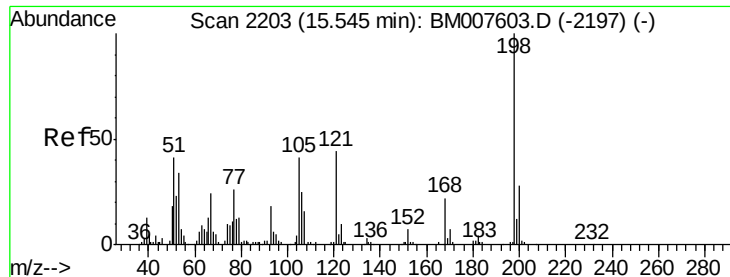
sohil
 9/29/2016 6:55:16 PM



#60
 4-Nitroaniline
 Concen: 64.75 ng/ul
 RT: 15.50 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BM007605.D
 Acq: 28 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	43.5	65.3
108	106.1	80.3	120.5





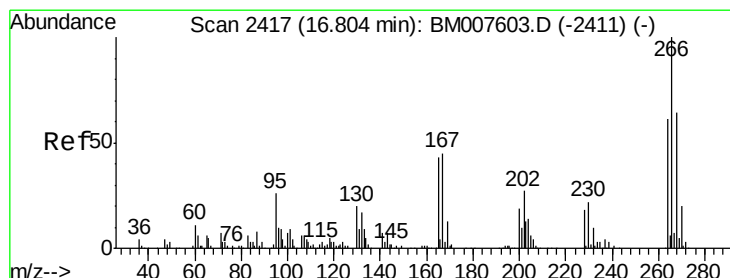
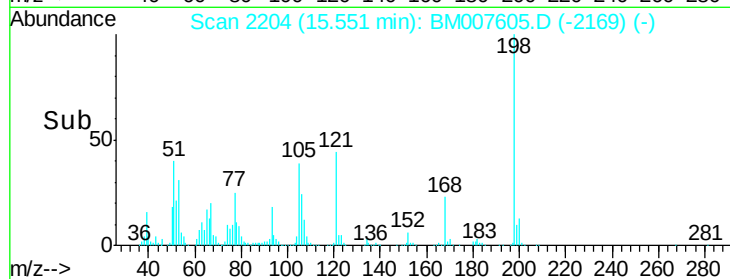
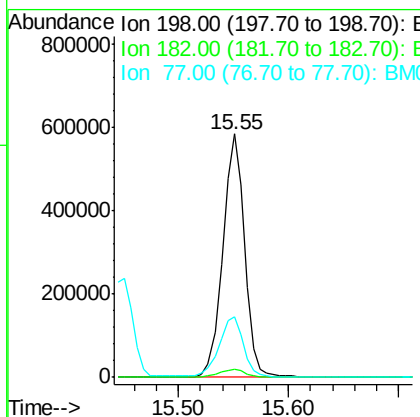
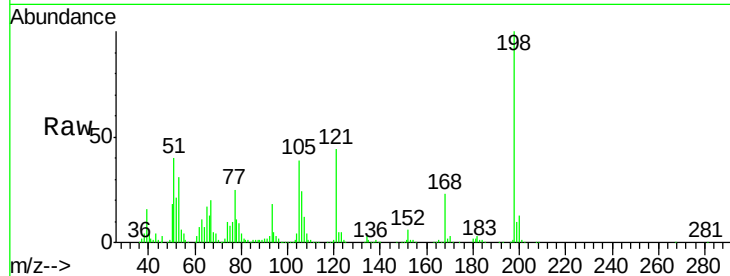
#63
 4,6-Dinitro-2-methylphenol
 Concen: 74.61 ng/ul
 RT: 15.55 min Scan# 2204
 Delta R.T. 0.01 min
 Lab File: BM007605.D
 Acq: 28 Sep 2016 17:07

Instrument :
 BNA_M
 ClientSampled :
 A4VN1

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	804618		
182	3.1	3.3	4.9#	
77	25.1	21.8	32.6	

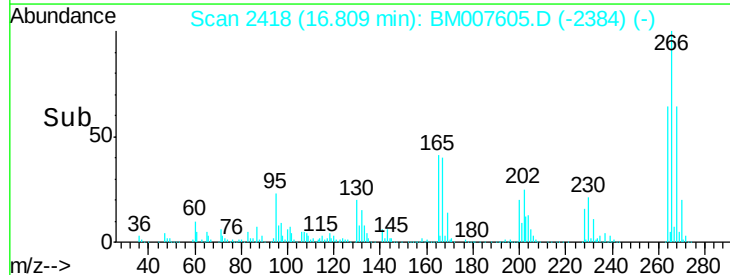
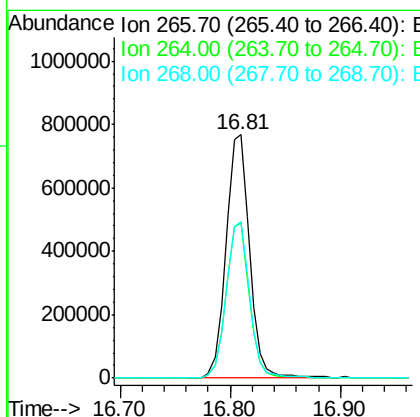
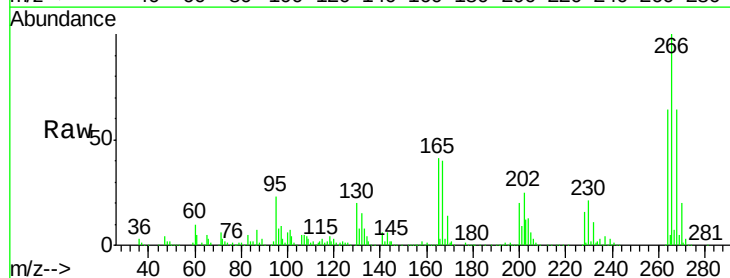
Manual Integrations
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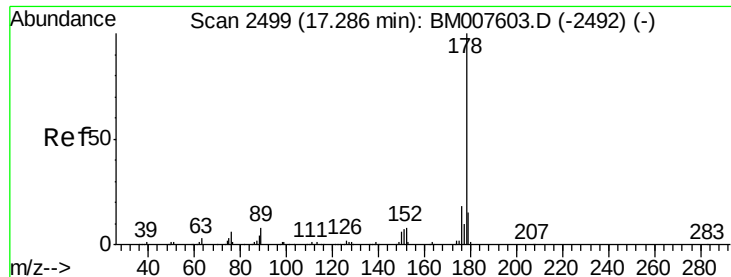
sohil
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#68
 Pentachlorophenol
 Concen: 87.14 ng/ul
 RT: 16.81 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BM007605.D
 Acq: 28 Sep 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1153204		
264	63.6	50.6	75.8	
268	64.3	51.0	76.6	





#71

Anthracene

Concen: 30.92 ng/ul

RT: 17.29 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampled :

A4VN1

Tgt Ion:178 Resp: 2861021

Ion Ratio Lower Upper

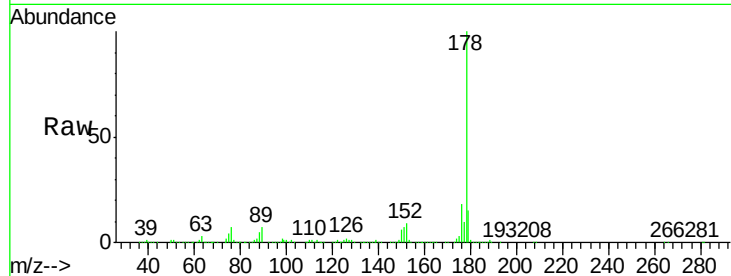
178 100

179 15.4 12.1 18.1

176 18.3 14.5 21.7

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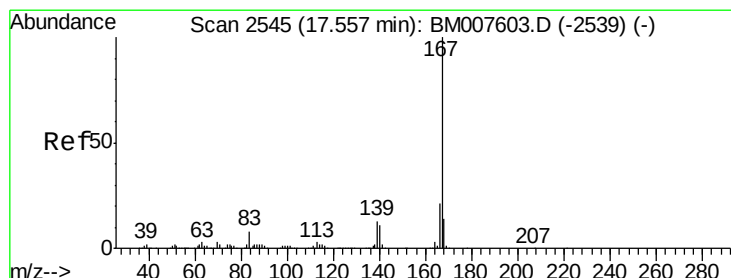
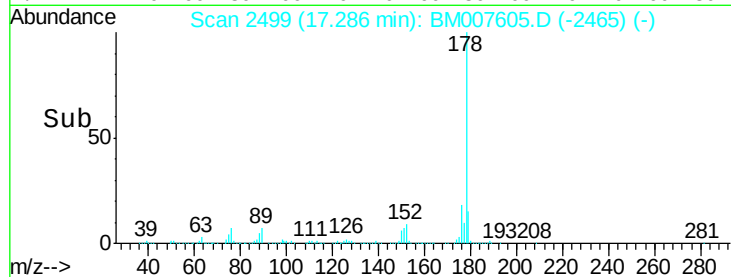
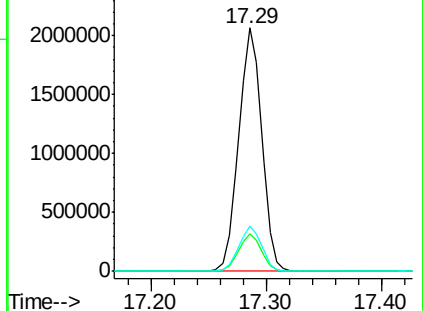
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 39.07 ng/ul

RT: 17.56 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

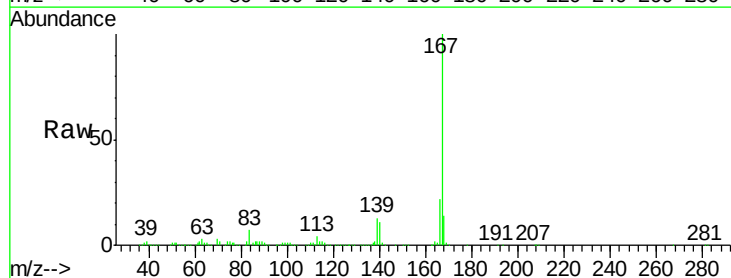
Tgt Ion:167 Resp: 3213378

Ion Ratio Lower Upper

167 100

166 21.6 16.6 25.0

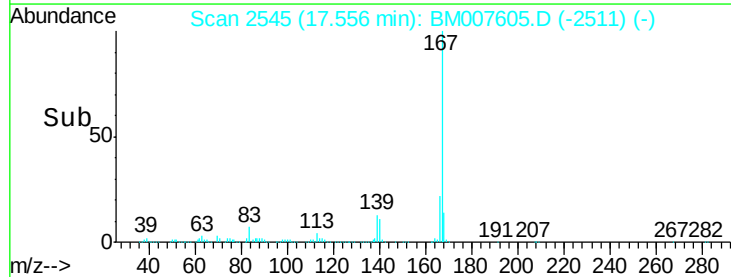
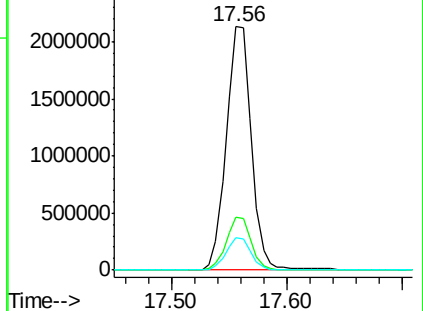
139 13.3 10.2 15.4

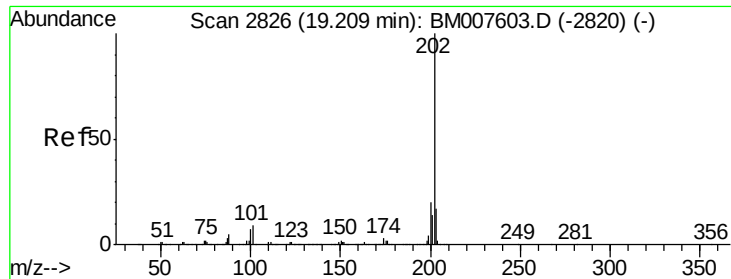


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 20.39 ng/ul

RT: 19.21 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

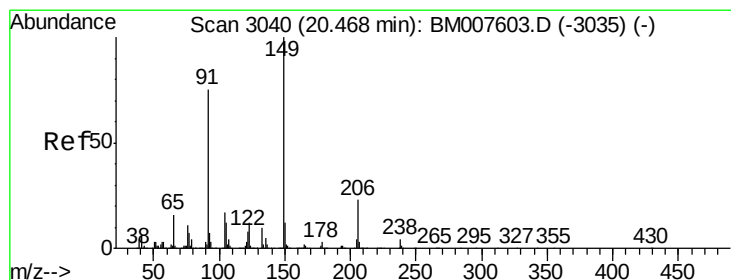
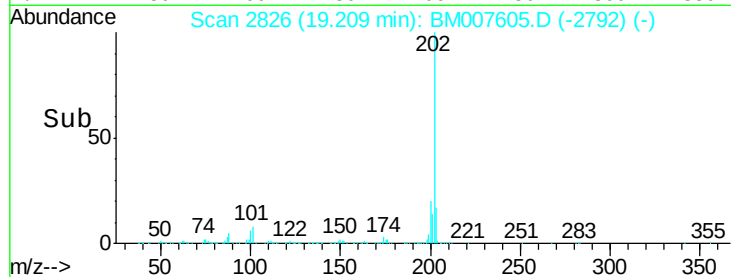
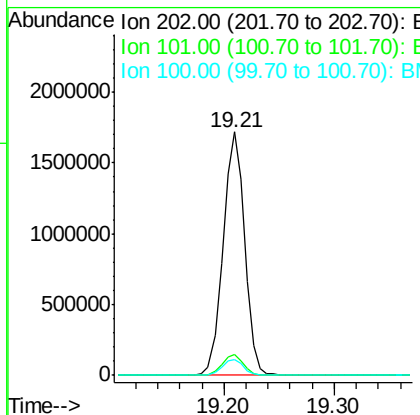
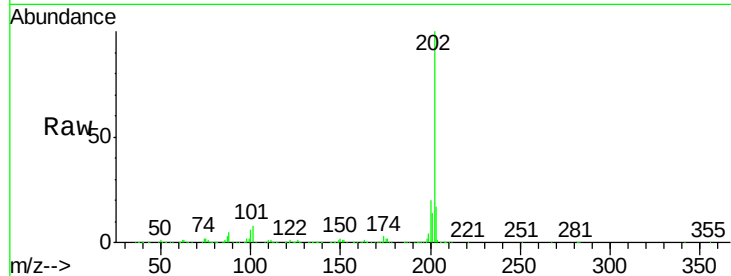
ClientSampleId :

A4VN1

Tgt Ion:	202	Resp:	2343777
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
100	6.3	5.4	8.0

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#78

Butylbenzylphthalate

Concen: 26.78 ng/ul

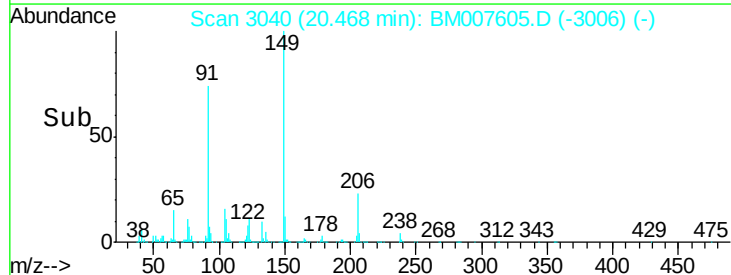
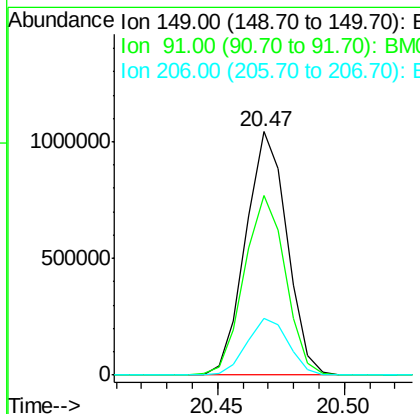
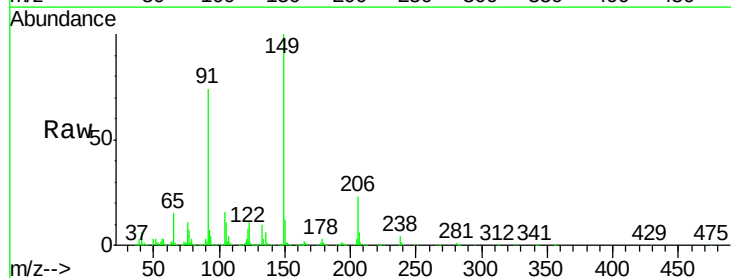
RT: 20.47 min Scan# 3040

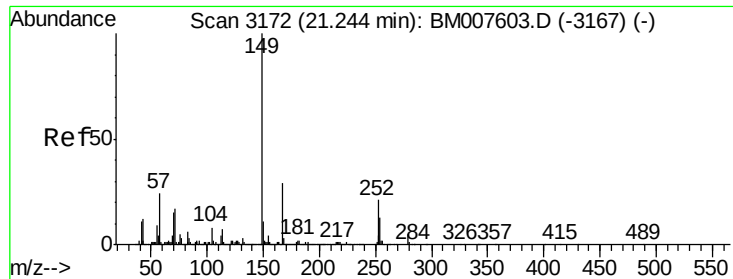
Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion:	149	Resp:	1187950
Ion	Ratio	Lower	Upper
149	100		
91	73.8	57.3	85.9
206	23.3	18.6	27.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 27.03 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

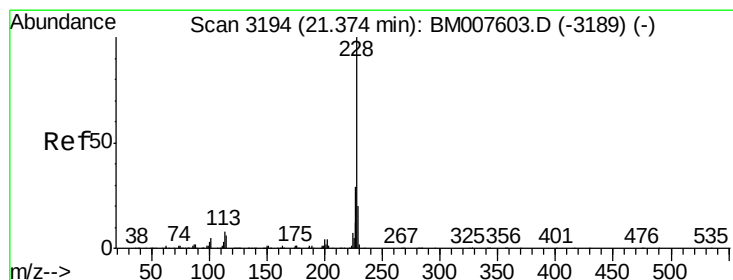
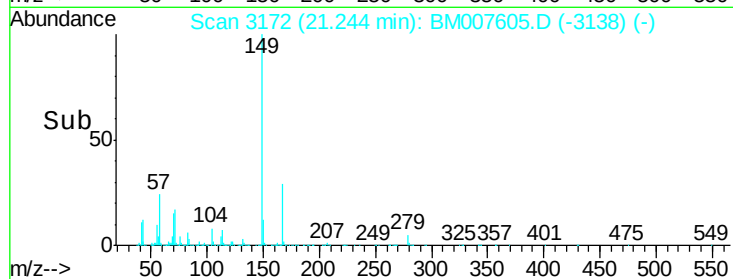
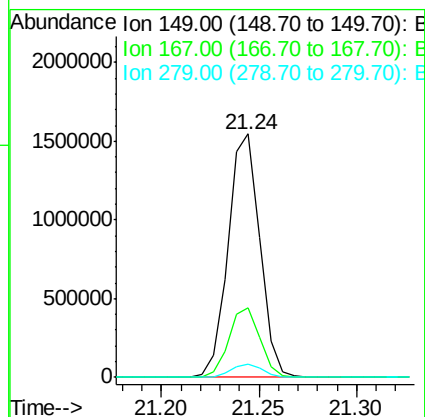
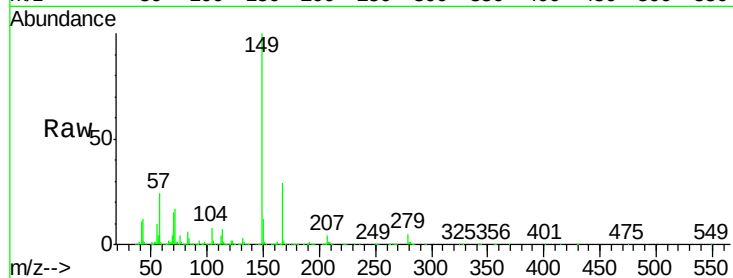
ClientSampleId :

A4VN1

Tgt Ion:	149	Resp:	1728867
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.2	34.8
279	5.4	4.1	6.1

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#82

Chrysene

Concen: 32.19 ng/ul

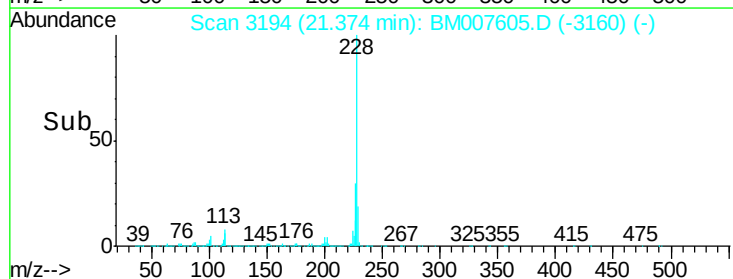
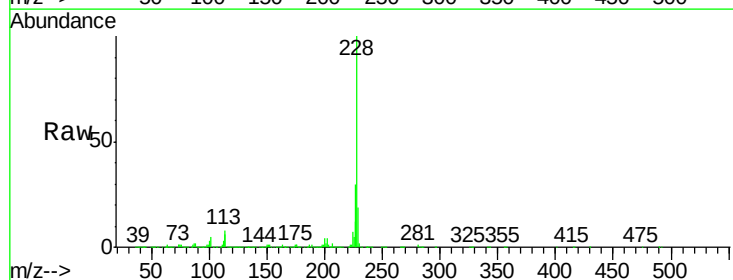
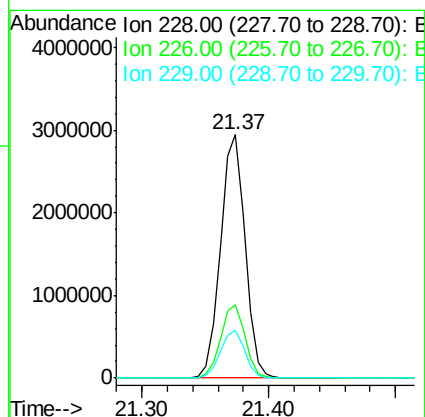
RT: 21.37 min Scan# 3194

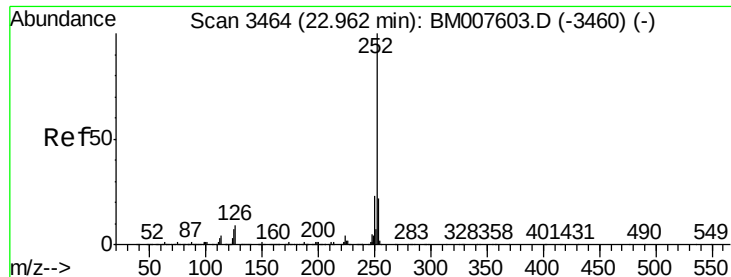
Delta R.T. -0.00 min

Lab File: BM007605.D

Acq: 28 Sep 2016 17:07

Tgt Ion:	228	Resp:	3957260
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.2
229	19.4	15.5	23.3





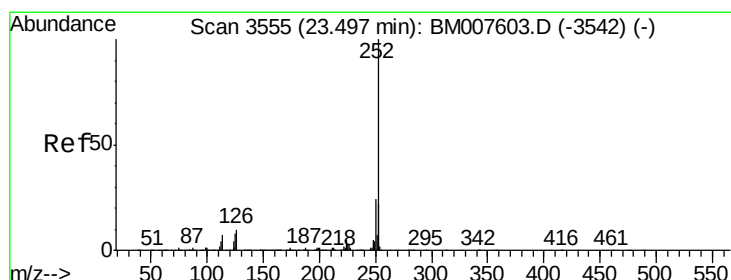
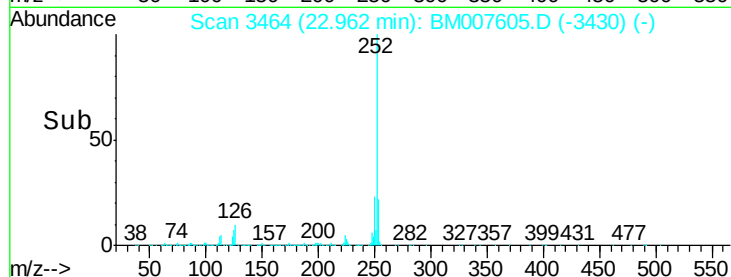
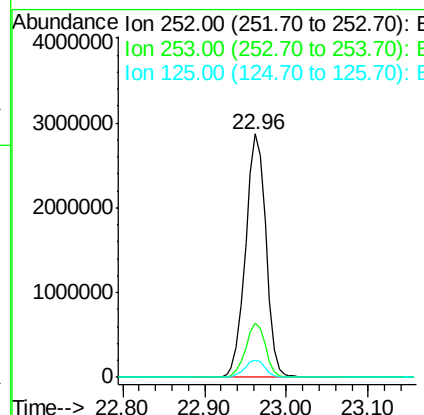
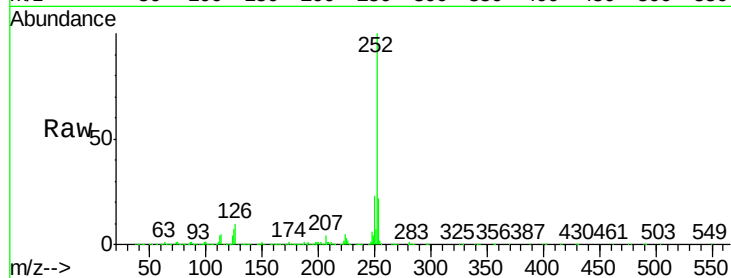
#86
Benzo(k)fluoranthene
Concen: 42.52 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Instrument :
BNA_M
ClientSampleId :
A4VN1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.2	5.7	8.5

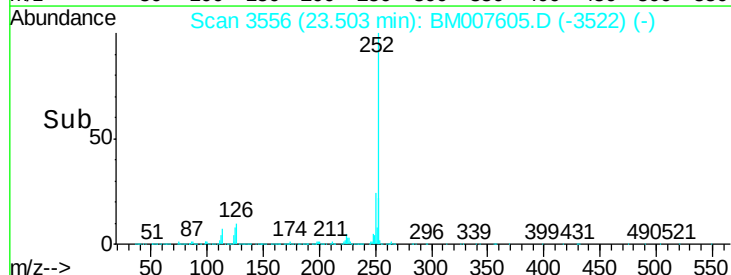
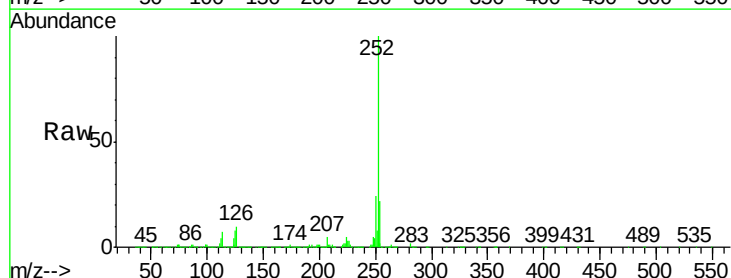
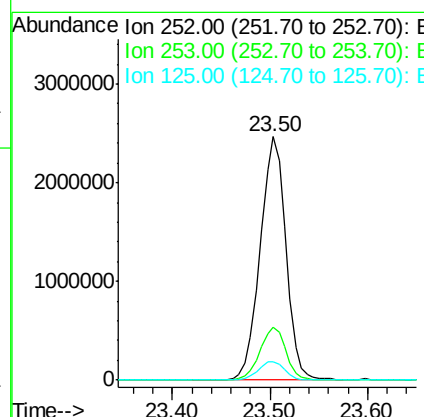
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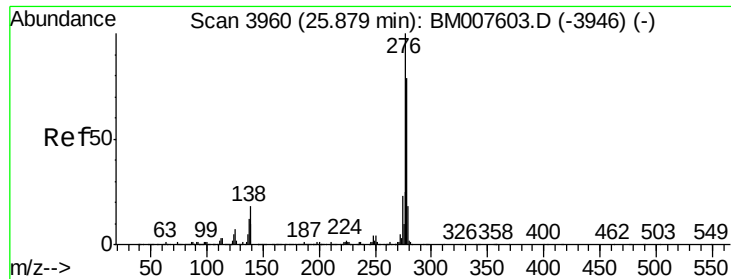
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#88
Benzo(a)pyrene
Concen: 39.03 ng/ul
RT: 23.50 min Scan# 3556
Delta R.T. -0.00 min
Lab File: BM007605.D
Acq: 28 Sep 2016 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.8	6.6	9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 14.80 ng/ul

RT: 25.89 min Scan# 3961

Delta R.T. -0.00 min

Lab File: BM007605.D

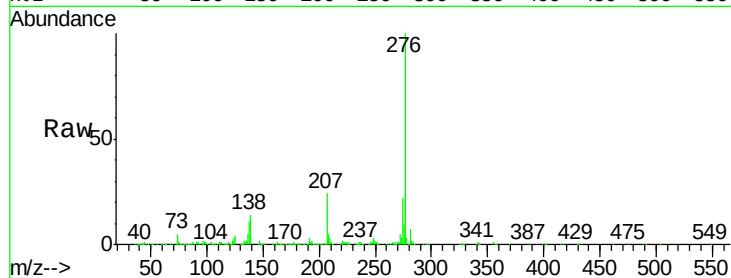
Acq: 28 Sep 2016 17:07

Instrument :

BNA_M

ClientSampleId :

A4VN1



Tgt Ion:	276	Resp:	1908868
Ion Ratio	Lower	Upper	
276	100		
138	14.4	13.9	20.9
277	24.2	20.1	30.1

Manual Integrations
APPROVED

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