

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003786.D
 Acq On : 24 Dec 2015 19:59
 Operator : UM/SJ
 Sample : PB87538BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:00:36 PM

Quant Time: Dec 25 01:20:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	56546	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	243421	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	130701	20.00	ng	-0.04
63) Phenanthrene-d10	17.09	188	258676	20.00	ng	-0.04
75) Chrysene-d12	21.29	240	209825	20.00	ng	-0.04
86) Perylene-d12	23.52	264	195591	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	411439	129.36	ng	-0.03
7) Phenol-d6	6.87	99	541907	122.70	ng	-0.02
23) Nitrobenzene-d5	8.85	82	322045	82.03	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	150352	115.19	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	738406	76.97	ng	-0.04
78) Terphenyl-d14	19.72	244	726743	81.68	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	41177	31.20	ng	# 100
3) Pyridine	3.57	79	121251	32.80	ng	90
4) n-Nitrosodimethylamine	3.49	42	49274	41.63	ng	95
6) Aniline	7.02	93	174982	30.10	ng	97
8) 2-Chlorophenol	7.25	128	159029	39.49	ng	97
9) Benzaldehyde	6.83	77	45926	21.21	ng	97
10) Phenol	6.89	94	192655	41.11	ng	# 72
11) bis(2-Chloroethyl)ether	7.12	93	140098	36.95	ng	99
12) 1,3-Dichlorobenzene	7.57	146	159934	36.15	ng	98
13) 1,4-Dichlorobenzene	7.72	146	163852	35.92	ng	95
14) 1,2-Dichlorobenzene	8.03	146	156616	35.96	ng	96
15) Benzyl Alcohol	7.93	79	128772	42.14	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	155478	38.39	ng	93
17) 2-Methylphenol	8.13	107	132256	40.37	ng	97
18) Hexachloroethane	8.76	117	58618	37.40	ng	91
19) n-Nitroso-di-n-propylamine	8.49	70	109313	37.73	ng	# 90
20) 3+4-Methylphenols	8.46	107	177296	39.11	ng	98
22) Acetophenone	8.50	105	219916	36.86	ng	# 91
24) Nitrobenzene	8.89	77	165043	38.88	ng	91
25) Isophorone	9.40	82	299529	37.72	ng	97
26) 2-Nitrophenol	9.59	139	79296	36.94	ng	# 89
27) 2,4-Dimethylphenol	9.66	122	149205	39.91	ng	94
28) bis(2-Chloroethoxy)methane	9.89	93	187944	39.39	ng	98
29) 2,4-Dichlorophenol	10.13	162	144462	40.57	ng	98
30) 1,2,4-Trichlorobenzene	10.34	180	145122	36.50	ng	98
31) Naphthalene	10.52	128	472415	37.09	ng	100
32) Benzoic acid	9.80	122	66988	32.50	ng	97
33) 4-Chloroaniline	10.64	127	67672	12.87	ng	# 96
34) Hexachlorobutadiene	10.80	225	86174	36.55	ng	97
35) Caprolactam	11.41	113	42987m	36.52	ng	
36) 4-Chloro-3-methylphenol	11.77	107	153223	38.16	ng	90
37) 2-Methylnaphthalene	12.14	142	338274	38.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	157804	37.56	ng	# 100
40) Hexachlorocyclopentadiene	12.49	237	187561	80.03	ng	97

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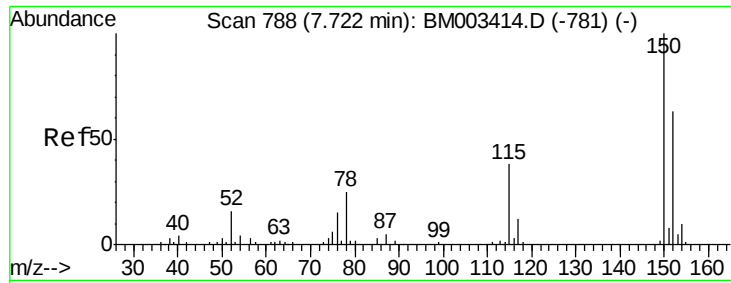
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 12/28/2015 6:00:36 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	107056	39.06	nq	99
43) 2,4,5-Trichlorophenol	12.83	196	113258	39.32	nq	# 88
45) 1,1'-Biphenyl	13.16	154	421057	36.33	nq	98
46) 2-Chloronaphthalene	13.20	162	316203	37.14	nq	# 92
47) 2-Nitroaniline	13.42	65	85198	40.35	nq	99
48) Acenaphthylene	14.06	152	525672	37.03	nq	100
49) Dimethylphthalate	13.80	163	394786	36.65	nq	99
50) 2,6-Dinitrotoluene	13.92	165	86408	38.45	nq	95
51) Acenaphthene	14.40	154	302994	36.84	nq	99
52) 3-Nitroaniline	14.25	138	47291	20.56	nq	86
53) 2,4-Dinitrophenol	14.46	184	75217	61.00	nq	# 83
54) Dibenzofuran	14.74	168	480357	40.44	nq	94
55) 4-Nitrophenol	14.57	139	136193	71.71	nq	78
56) 2,4-Dinitrotoluene	14.71	165	115287	39.54	nq	# 76
57) Fluorene	15.39	166	371962	37.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	93615	42.28	nq	# 100
59) Diethylphthalate	15.17	149	397328	37.57	nq	99
60) 4-Chlorophenyl-phenylether	15.38	204	180966	36.34	nq	91
61) 4-Nitroaniline	15.42	138	83436	35.53	nq	# 70
62) Azobenzene	15.67	77	363518	43.85	nq	97
64) 4,6-Dinitro-2-methylphenol	15.48	198	54410	34.86	nq	85
65) n-Nitrosodiphenylamine	15.60	169	331243	40.50	nq	98
66) 4-Bromophenyl-phenylether	16.28	248	107090	38.40	nq	# 88
67) Hexachlorobenzene	16.40	284	116184	38.77	nq	# 85
68) Atrazine	16.55	200	107843	42.28	nq	98
69) Pentachlorophenol	16.74	266	122291	71.49	nq	98
70) Phenanthrene	17.13	178	569351	39.22	nq	99
71) Anthracene	17.22	178	567264	39.33	nq	99
72) Carbazole	17.49	167	502595	40.00	nq	100
73) Di-n-butylphthalate	18.05	149	607331	41.35	nq	99
74) Fluoranthene	19.15	202	576854	38.53	nq	97
76) Benzidine	19.34	184	223000	33.17	nq	100
77) Pyrene	19.52	202	591529	40.20	nq	100
79) Butylbenzylphthalate	20.42	149	227178	40.09	nq	95
80) Benzo(a)anthracene	21.27	228	487507	38.75	nq	99
81) 3,3'-Dichlorobenzidine	21.20	252	108335	27.05	nq	99
82) Chrysene	21.32	228	444124	36.68	nq	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	308333	39.67	nq	99
84) Di-n-octyl phthalate	22.07	149	511006	39.80	nq	96
85) Indeno(1,2,3-cd)pyrene	25.78	276	542127	42.62	nq	# 100
87) Benzo(b)fluoranthene	22.85	252	463529	38.99	nq	98
88) Benzo(k)fluoranthene	22.90	252	429081	36.97	nq	99
89) Benzo(a)pyrene	23.43	252	442120	39.53	nq	# 97
90) Dibenzo(a,h)anthracene	25.79	278	445668	40.82	nq	98
91) Benzo(g,h,i)perylene	26.47	276	458661	41.58	nq	98

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



#1

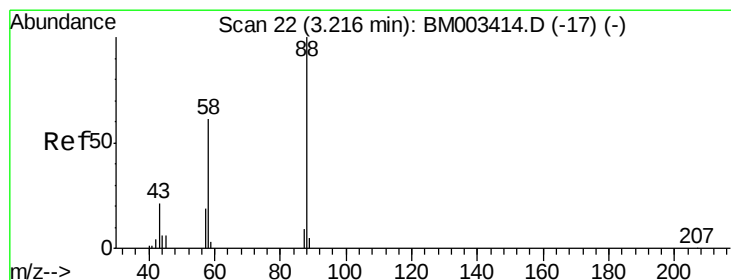
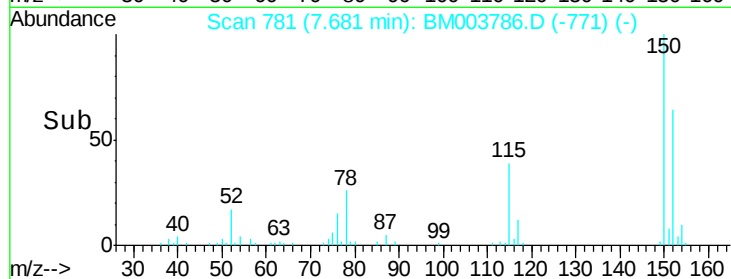
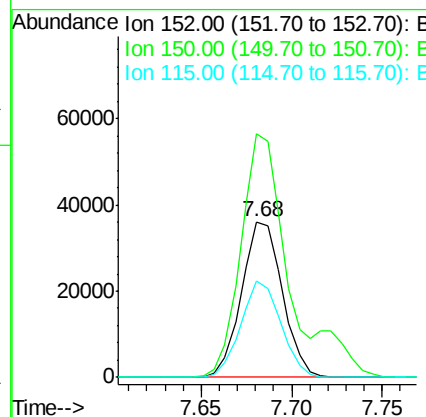
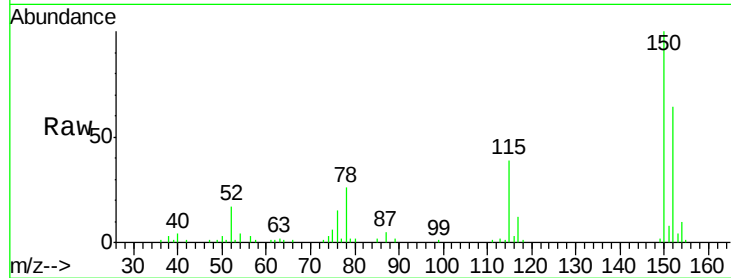
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	61.7	43.0	64.4

Manual Integrations
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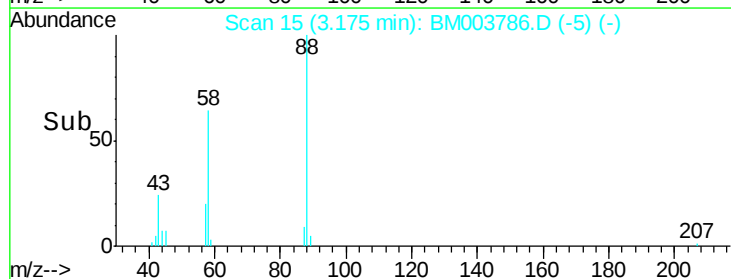
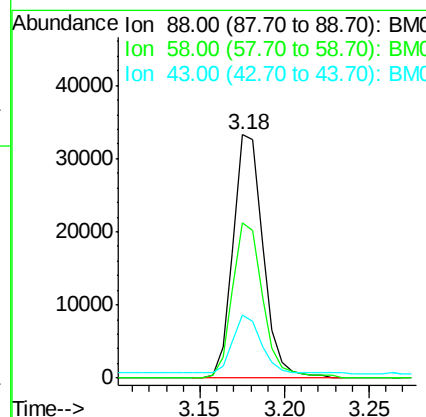
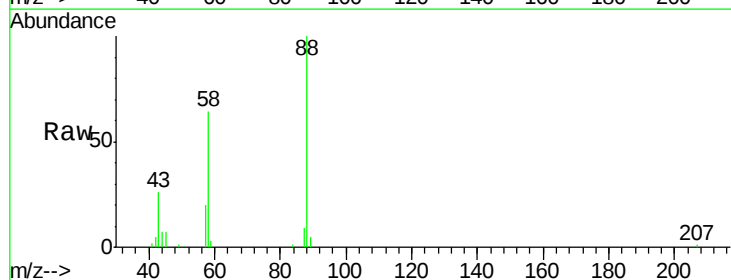
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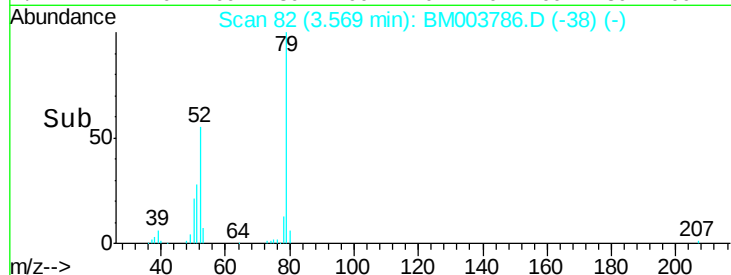
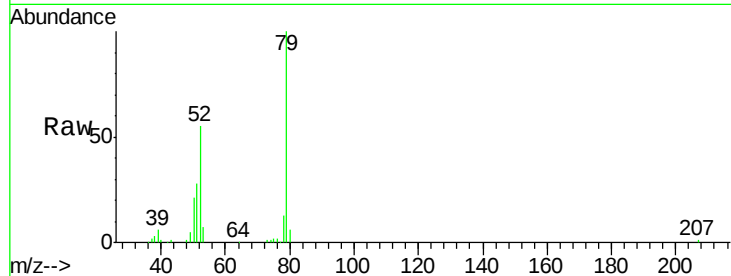
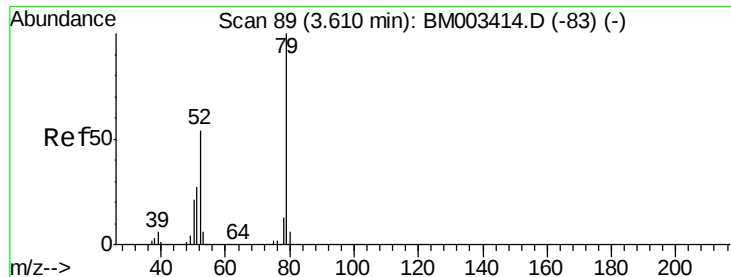


#2

1,4-Dioxane
Concen: 31.20 ng
RT: 3.18 min Scan# 15
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	0.0	0.0#
43	23.4	0.0	0.0#





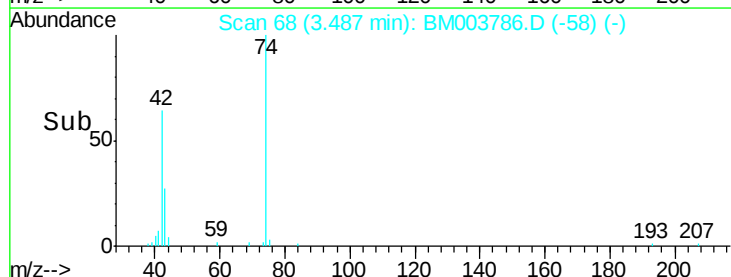
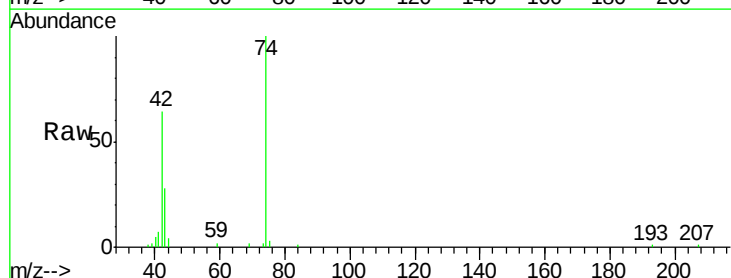
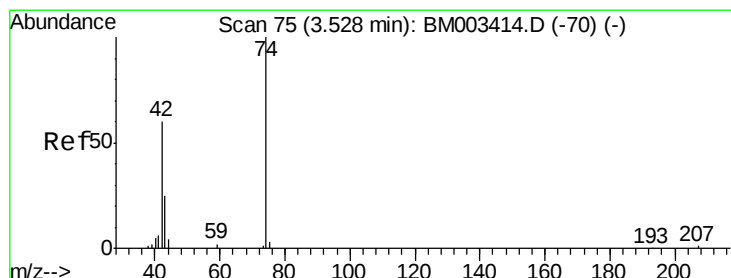
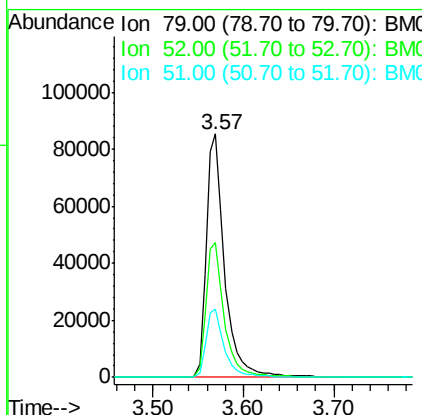
#3
Pvridine
Concen: 32.80 ng
RT: 3.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.1	51.1	76.7
51	28.3	26.1	39.1

Instrument :
BNA_M
ClientSampleId :
PB87538BS

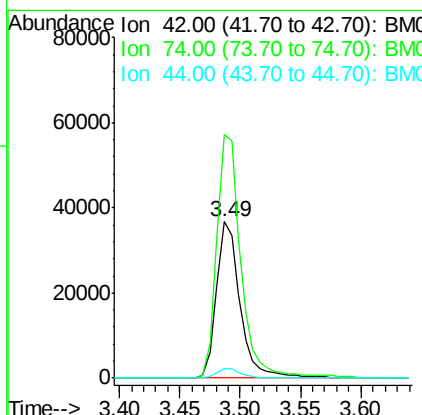
Manual Integrations
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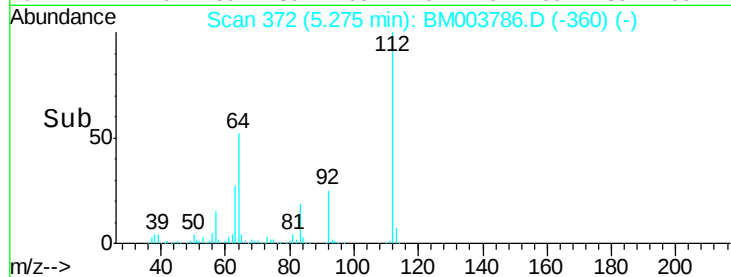
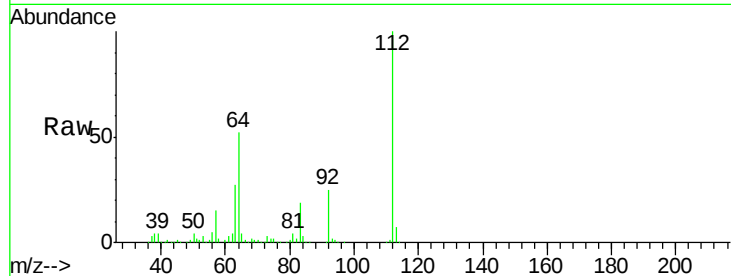
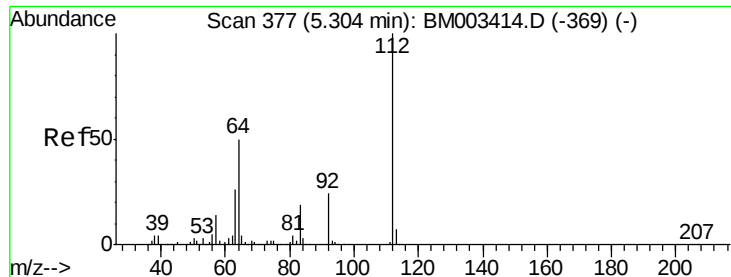
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#4
n-Nitrosodimethylamine
Concen: 41.63 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.1	119.3	178.9
44	6.1	5.4	8.2





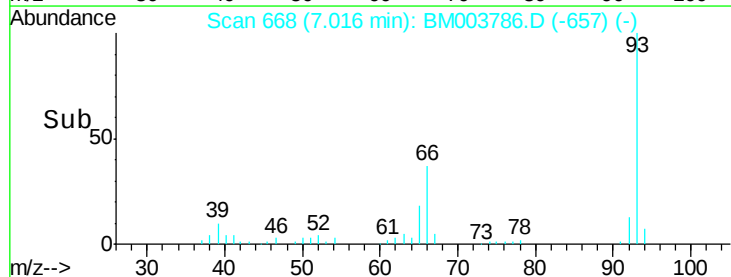
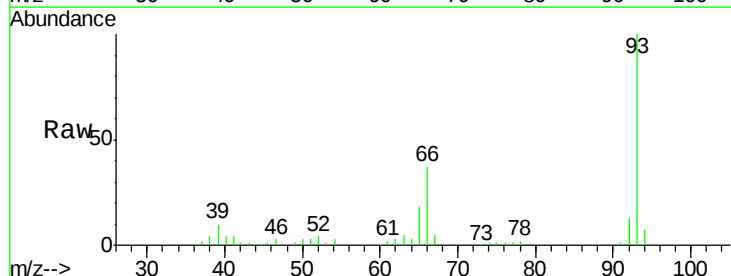
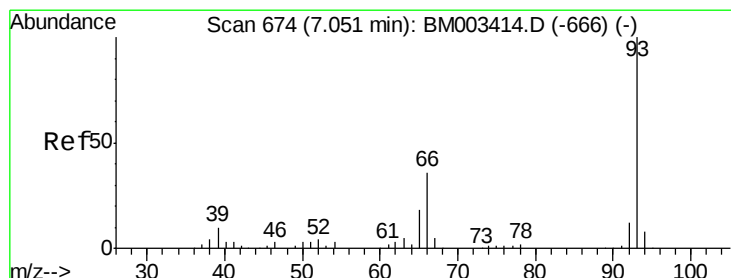
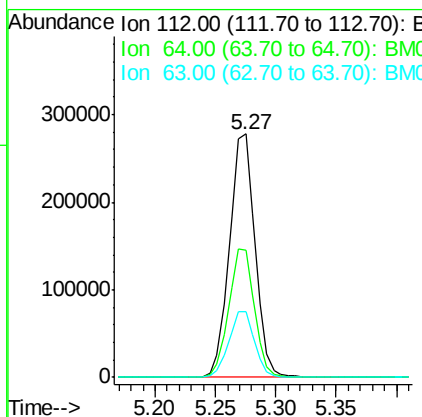
#5
2-Fluorophenol
Concen: 129.36 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tot Ion	Ratio	Resp	Lower	Upper
112	100	411439		
64	52.2		38.6	57.8
63	26.9		19.3	28.9

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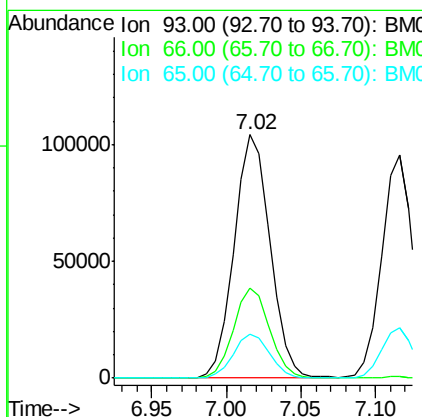
Manual Integrations
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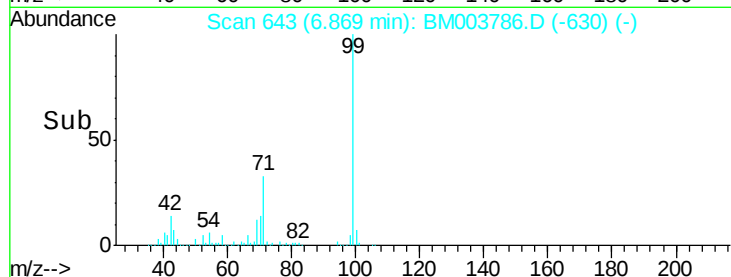
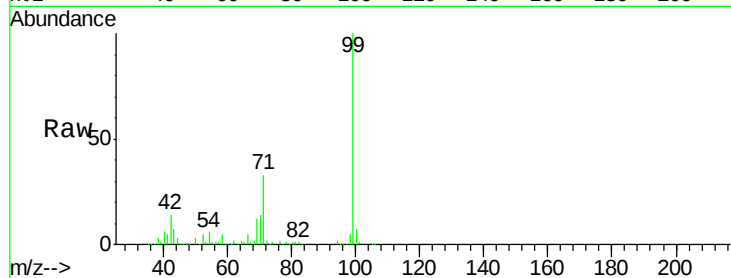
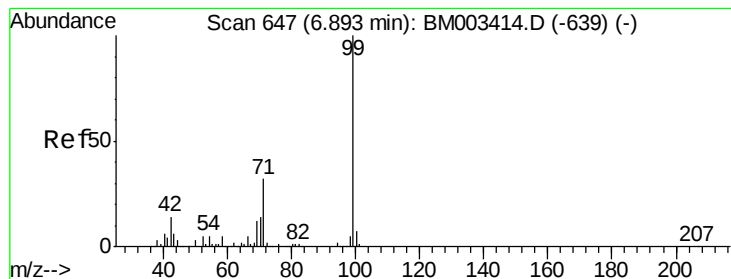
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#6
Aniline
Concen: 30.10 ng
RT: 7.02 min Scan# 668
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	174982		
66	37.2		30.8	46.2
65	18.1		16.0	24.0





#7

Phenol-d6

Concen: 122.70 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tot Ion:	99	Resp:	541907
Ion Ratio	Lower	Upper	
99	100		
42	14.0	11.0	16.4
71	33.1	23.4	35.2

Instrument :

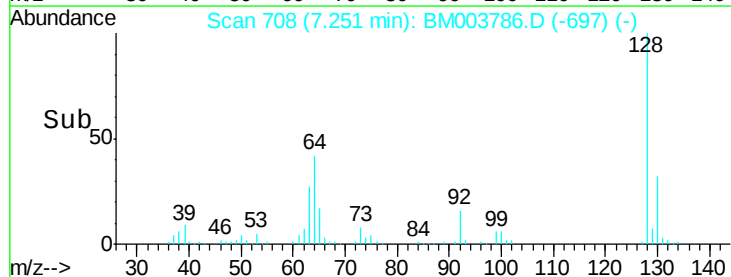
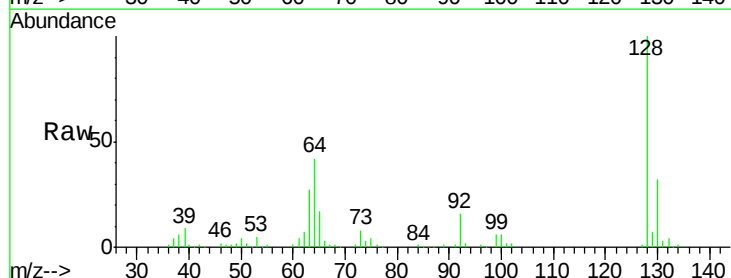
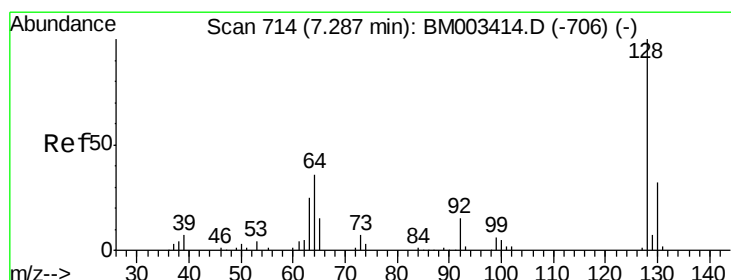
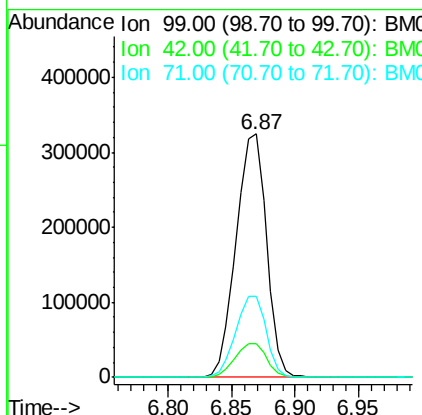
BNA_M

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#8

2-Chlorophenol

Concen: 39.49 ng

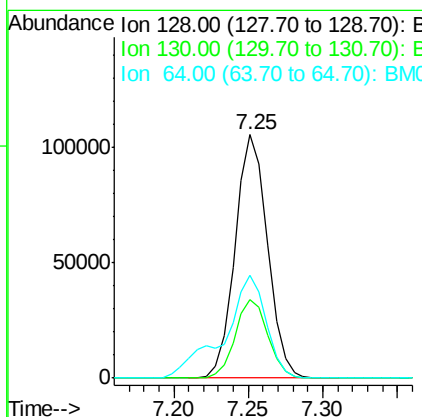
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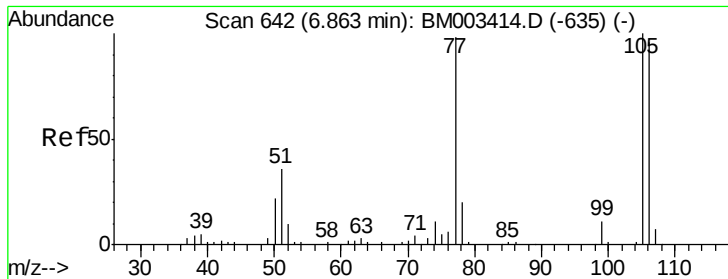
Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion:	128	Resp:	159029
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.0	52.0
64	42.2	24.9	64.9





#9

Benzaldehyde

Concen: 21.21 ng

RT: 6.83 min Scan# 636

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

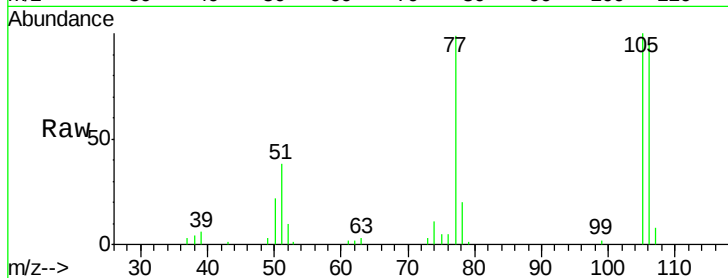
ClientSampleId :

PB87538BS

Tot Ion:	77	Resp:	45926
Ion	Ratio	Lower	Upper
77	100		
105	101.4	78.8	118.8
106	96.6	73.7	113.7

Manual Integrations
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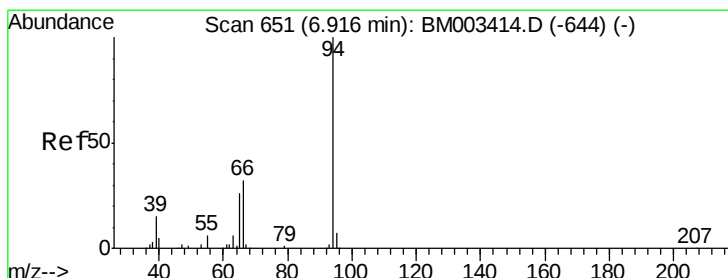
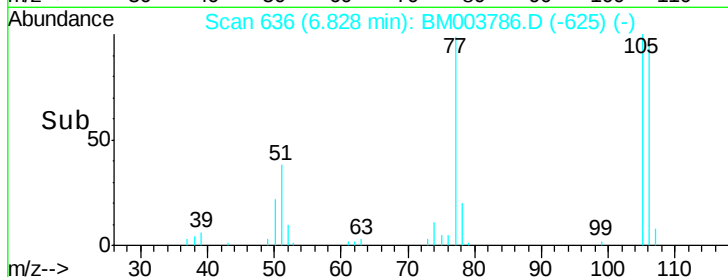
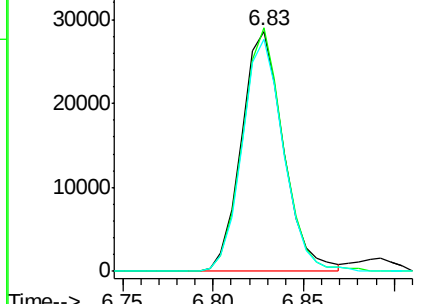
Sohil
12/28/2015 6:00:36 PM



Abundance Ion 77.00 (76.70 to 77.70): BM003414.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM003414.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM003414.D (-635) (-)



#10

Phenol

Concen: 41.11 ng

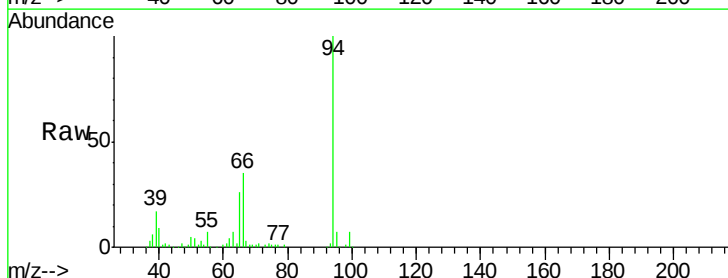
RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

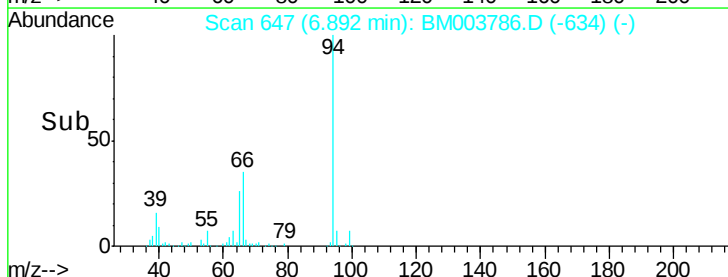
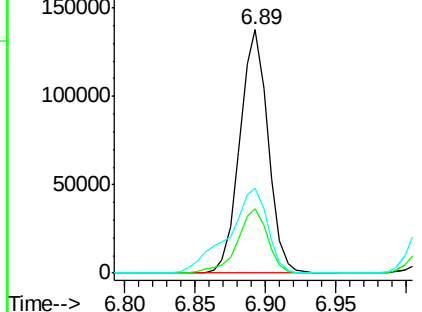
Tgt Ion:	94	Resp:	192655
Ion	Ratio	Lower	Upper
94	100		
65	26.4	18.8	58.8
66	35.1	39.9	79.9#

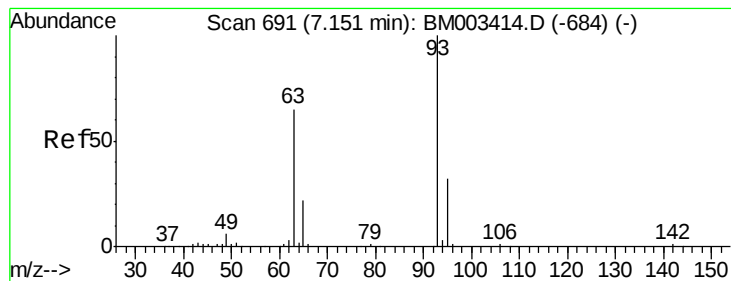


Abundance Ion 94.00 (93.70 to 94.70): BM003414.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM003414.D (-644) (-)





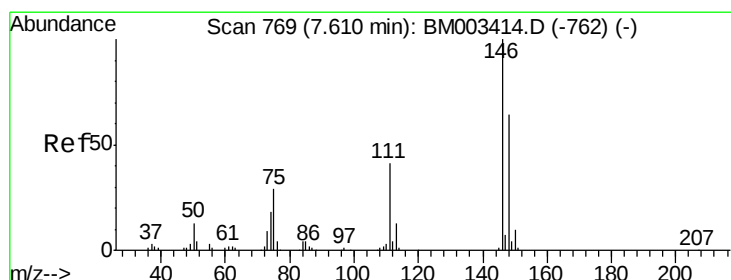
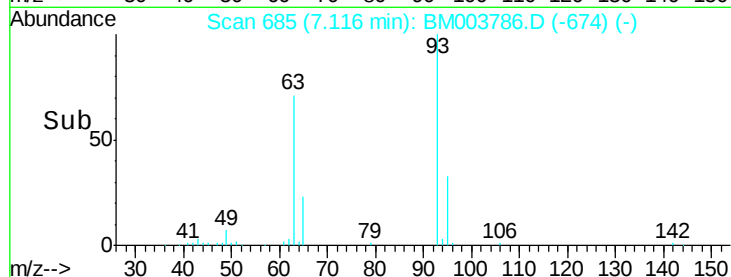
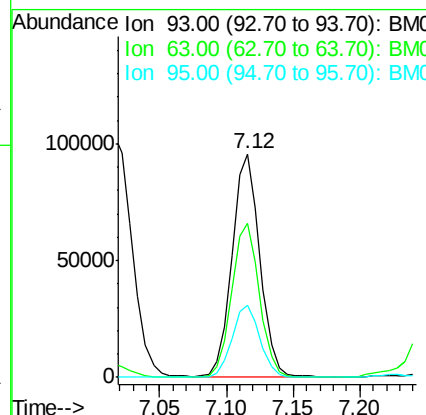
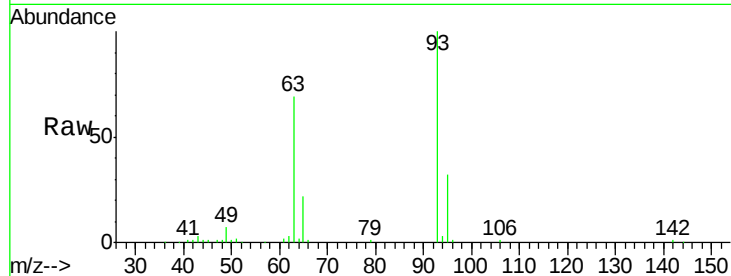
#11
bis(2-Chloroethyl)ether
Concen: 36.95 ng
RT: 7.12 min Scan# 685
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	140098		
63	69.2		49.5	89.5
95	32.2		13.5	53.5

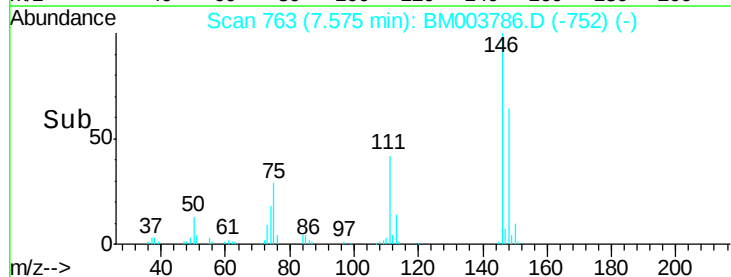
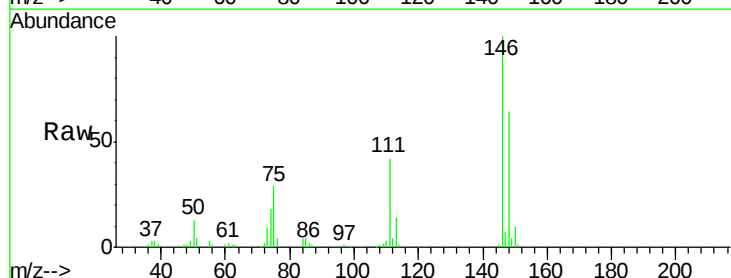
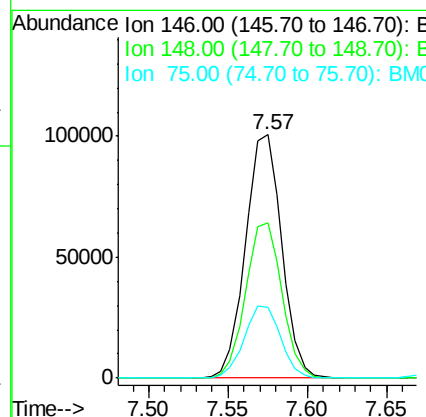
Manual Integrations
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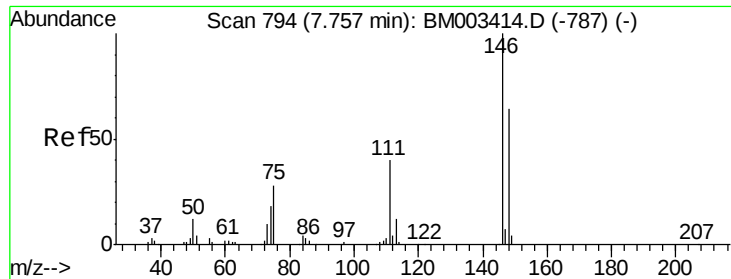
Sohil
12/28/2015 6:00:36 PM



#12
1,3-Dichlorobenzene
Concen: 36.15 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159934		
148	63.9		50.9	76.3
75	29.2		21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 35.92 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

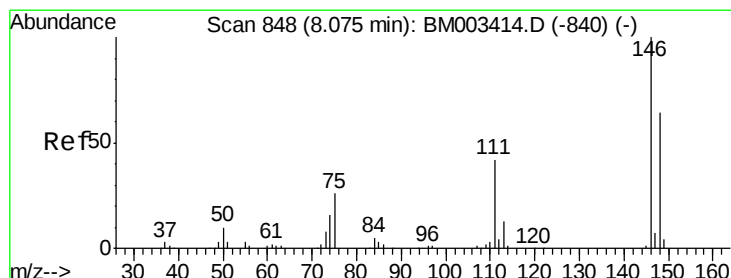
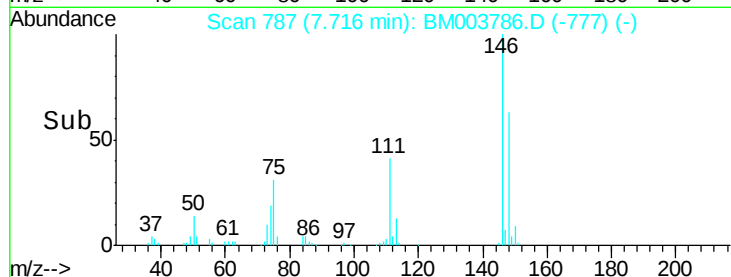
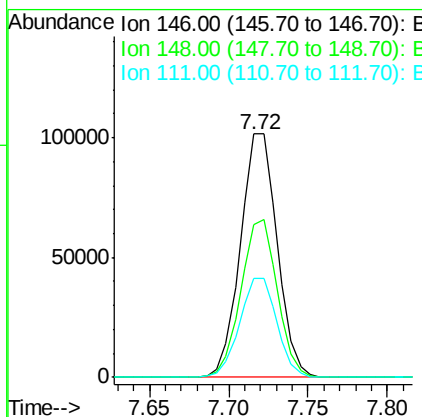
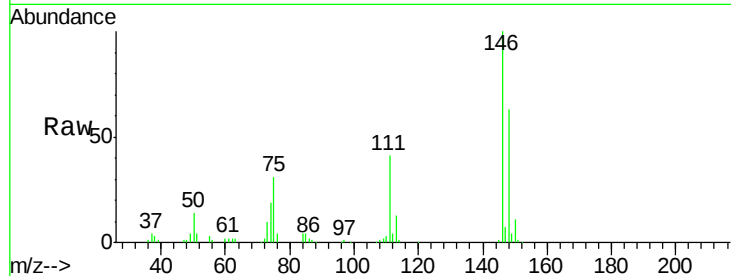
ClientSampleId :

PB87538BS

Tot Ion:	146	Resp:	163852
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.9	77.9
111	40.9	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 35.96 ng

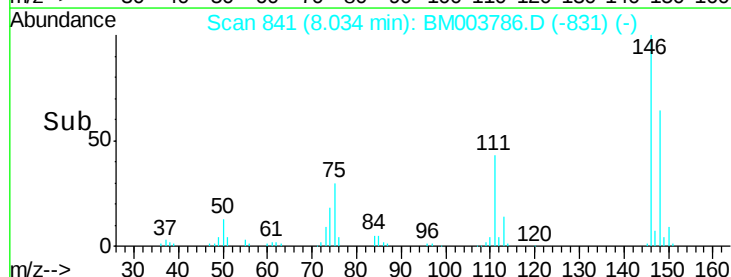
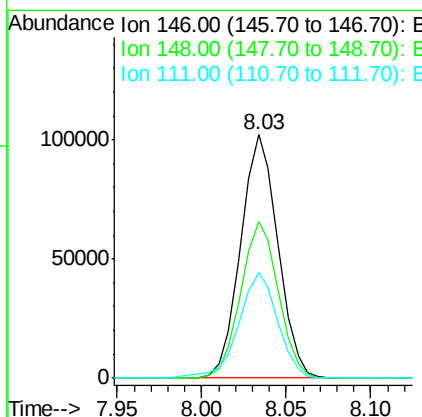
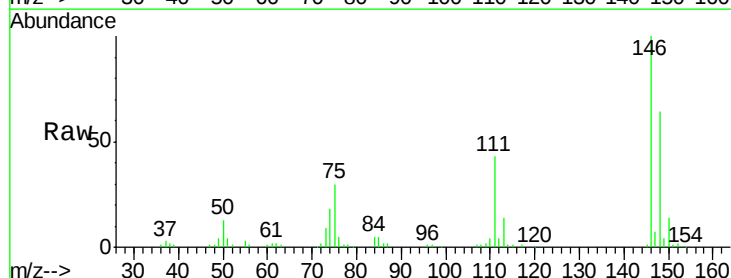
RT: 8.03 min Scan# 841

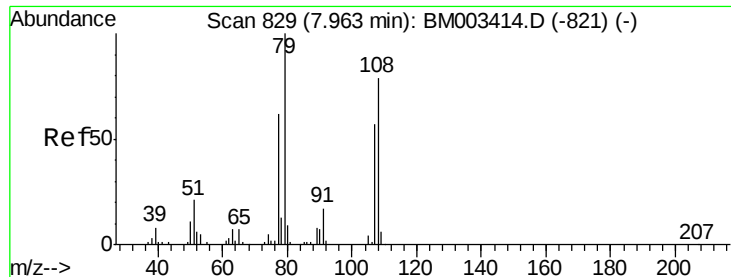
Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion:	146	Resp:	156616
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.3	78.5
111	43.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 42.14 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

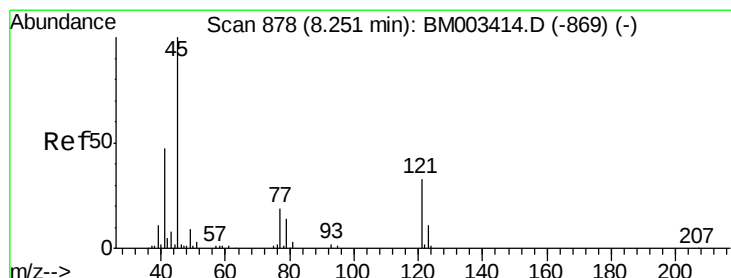
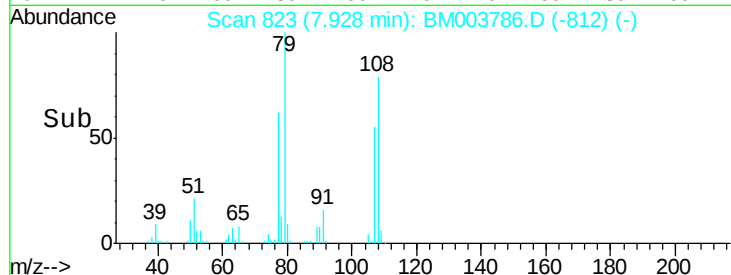
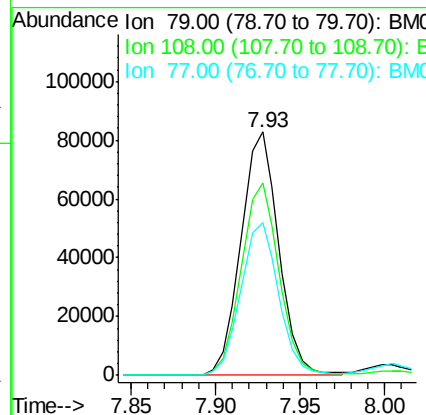
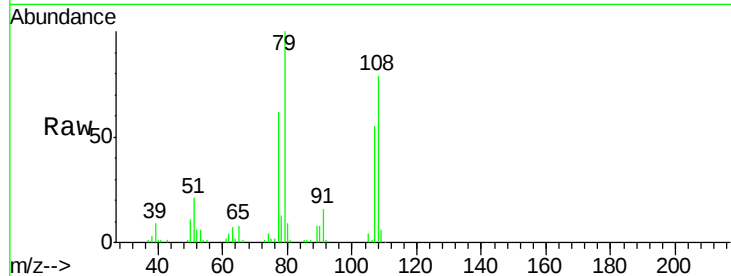
ClientSampled :

PB87538BS

Tot Ion:	79	Resp:	128772
Ion Ratio	Lower	Upper	
79	100		
108	79.2	65.0	97.4
77	62.5	53.0	79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.39 ng

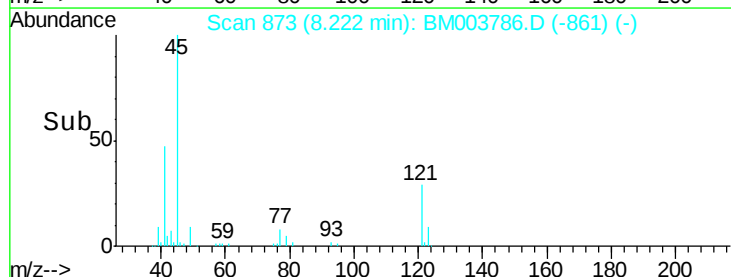
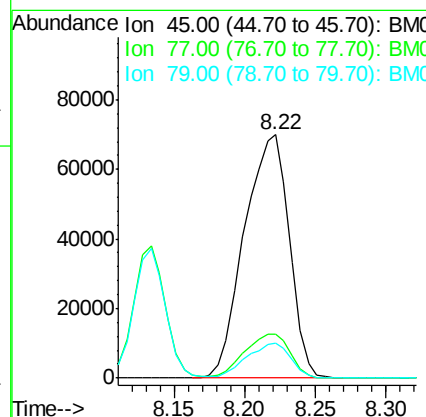
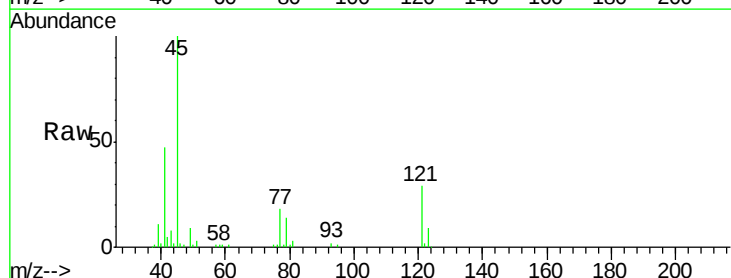
RT: 8.22 min Scan# 873

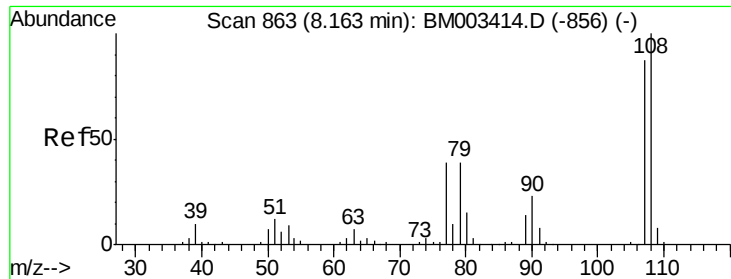
Delta R.T. -0.03 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion:	45	Resp:	155478
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	35.2
79	14.3	0.0	32.0





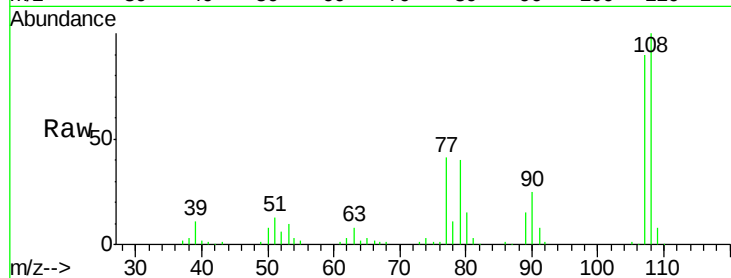
#17
2-Methylphenol
Concen: 40.37 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

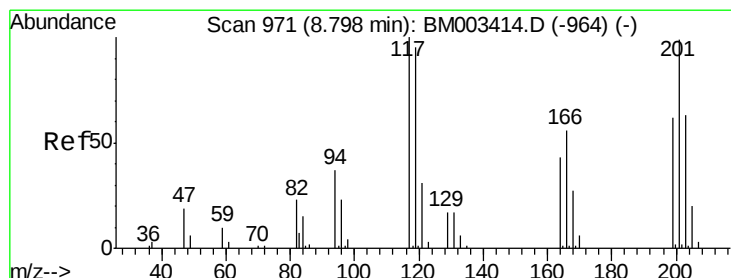
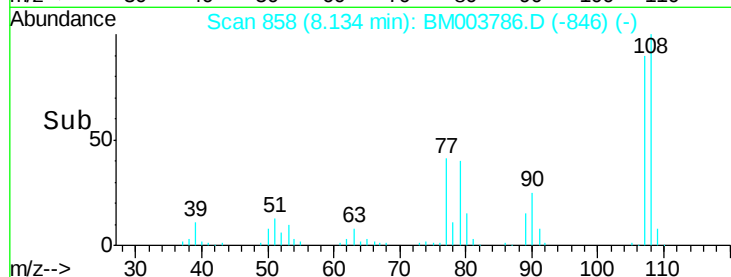
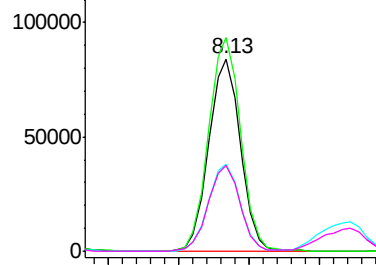
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	89.8	134.8	
77	45.1	32.6	48.8	
79	44.4	32.8	49.2	

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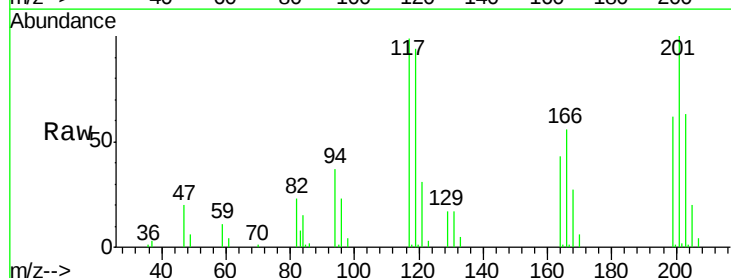


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

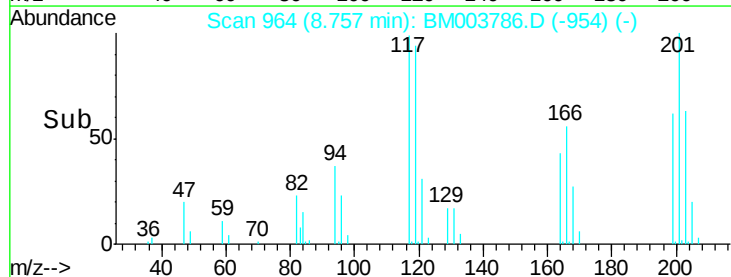
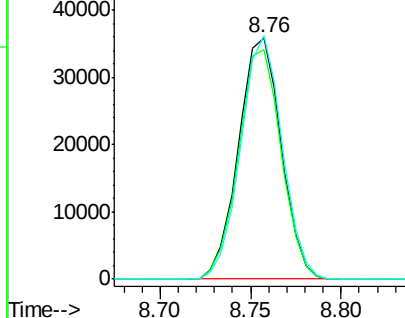


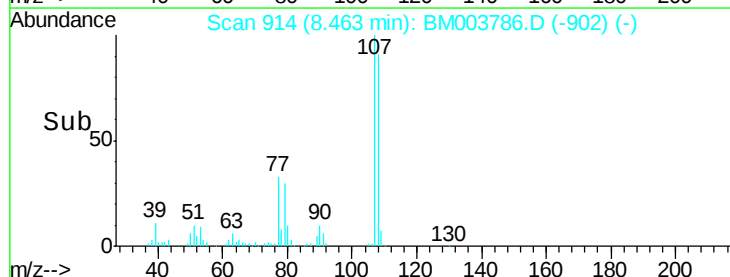
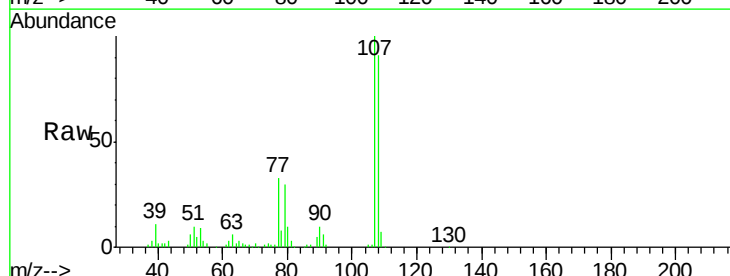
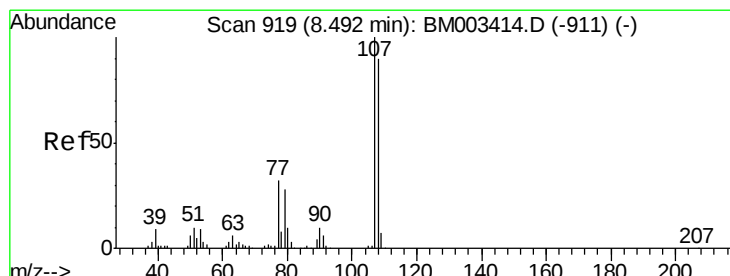
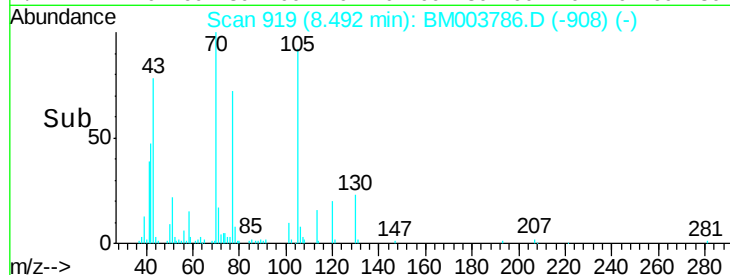
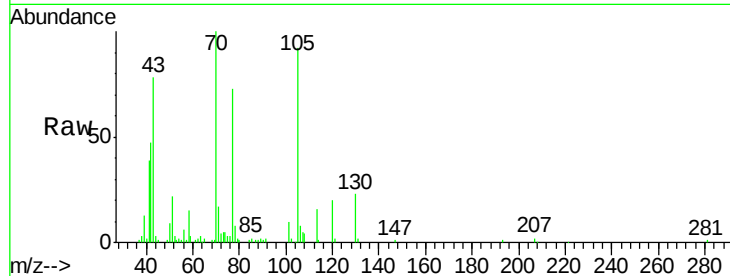
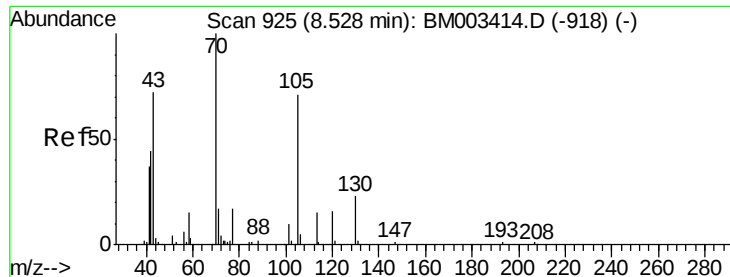
#18
Hexachloroethane
Concen: 37.40 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	79.2	118.8	
201	100.9	69.8	104.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





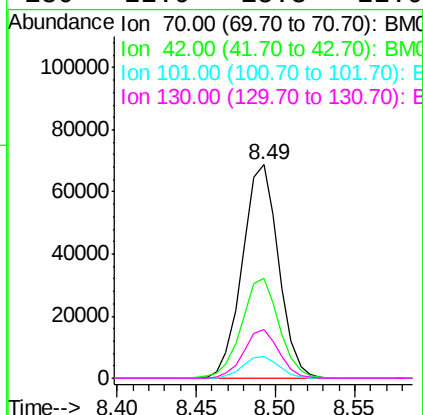
#19
n-Nitroso-di-n-propylamine
Concen: 37.73 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.6		44.5	66.7	
101	10.3		7.4	11.2	
130	22.9		15.3	22.9	

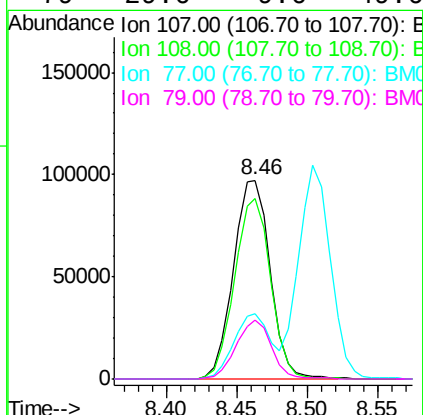
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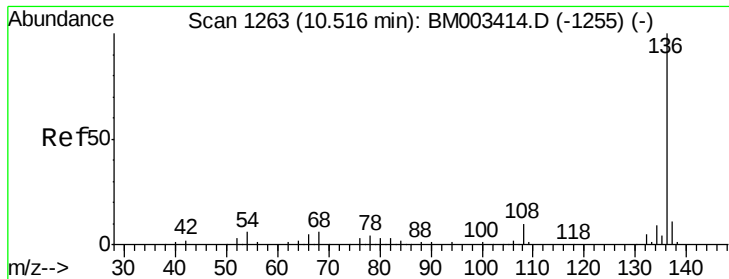
Sohil
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#20
3+4-Methylphenols
Concen: 39.11 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8		73.2	113.2	
77	33.0		10.7	50.7	
79	29.6		9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BM003786.D

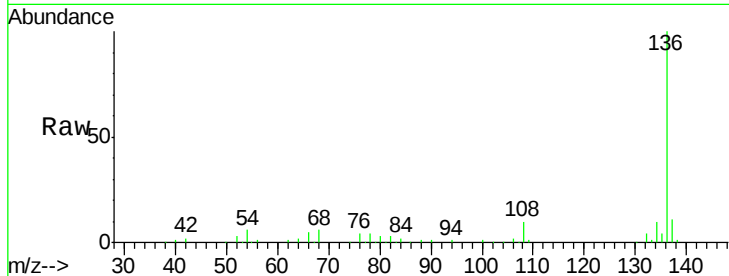
Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

ClientSampleId :

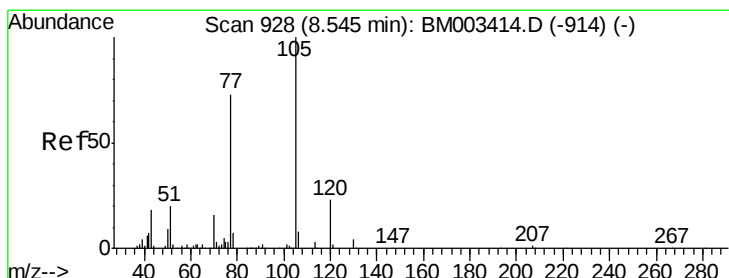
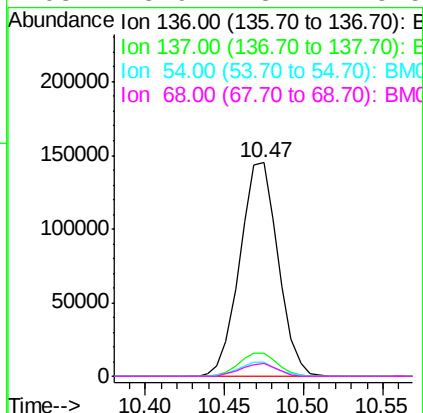
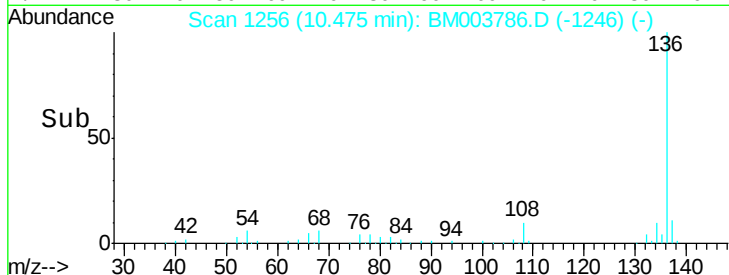
PB87538BS



Tot Ion	Ratio	Resp	Lower	Upper
136	100	243421		
137	11.0	8.7	13.1	
54	6.3	4.6	6.8	
68	5.9	3.7	5.5	

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#22

Acetophenone

Concen: 36.86 ng

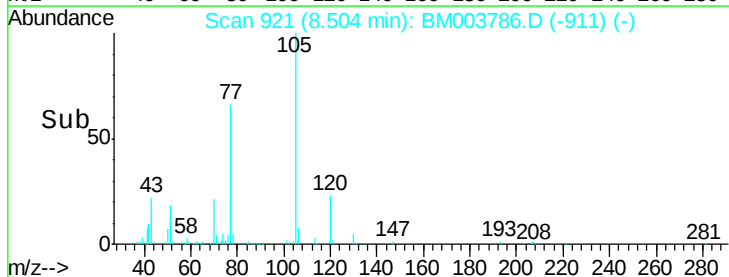
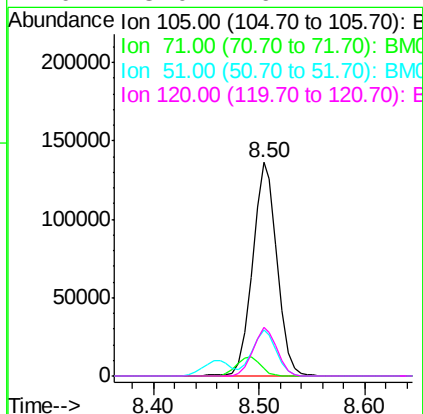
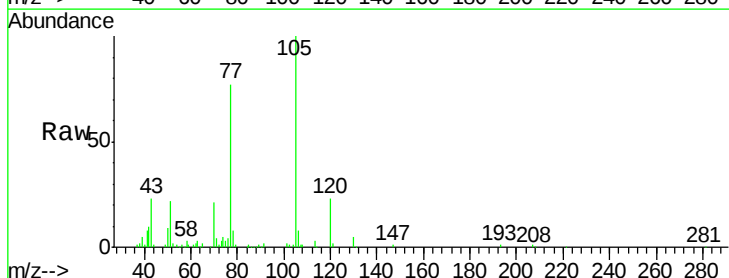
RT: 8.50 min Scan# 921

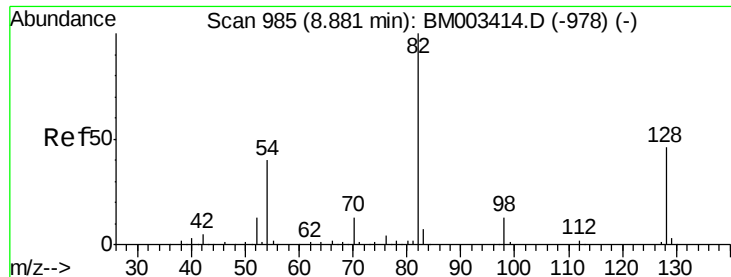
Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219916		
71	3.6	0.6	1.0	
51	21.6	21.6	32.4	
120	23.0	16.1	24.1	





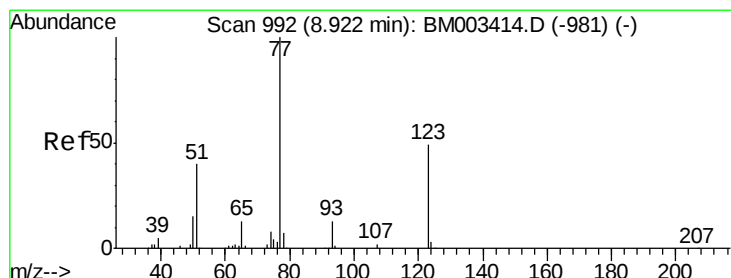
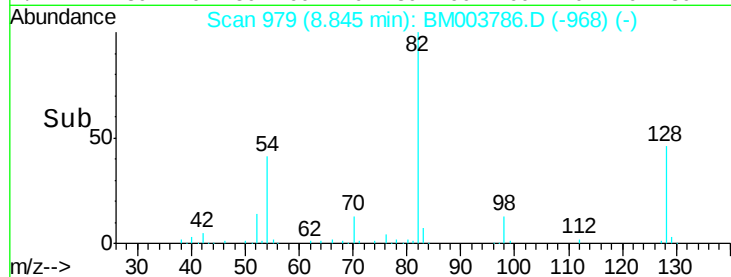
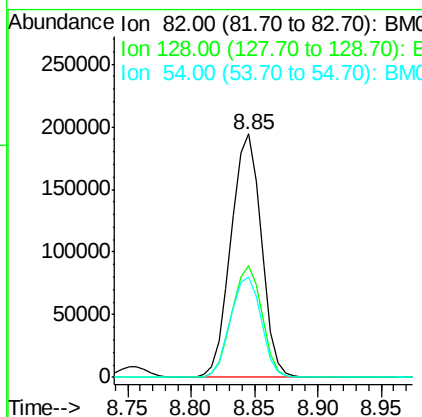
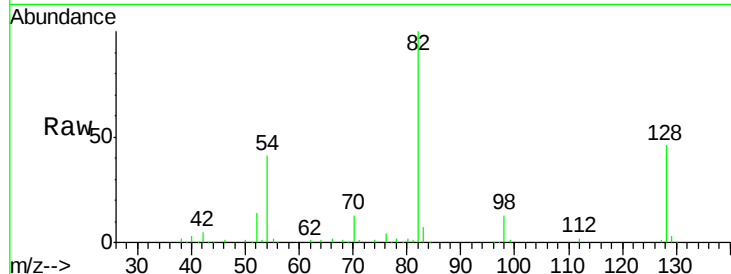
#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 8.85 min Scan# 979
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	32.8	49.2	
54	41.2	40.6	60.8	

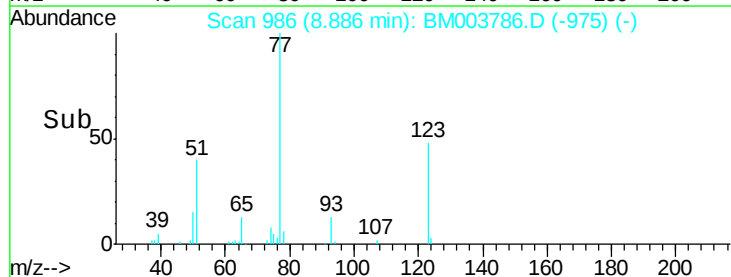
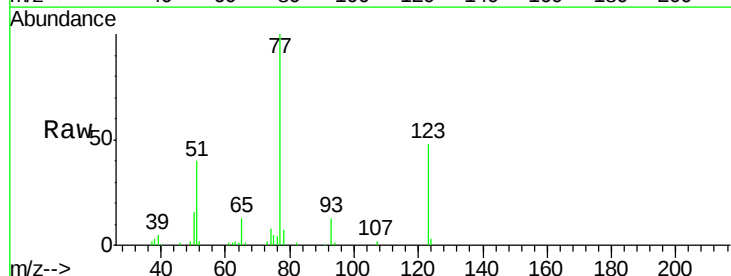
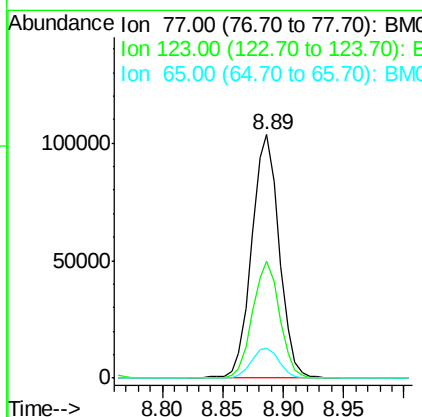
Manual Integrations
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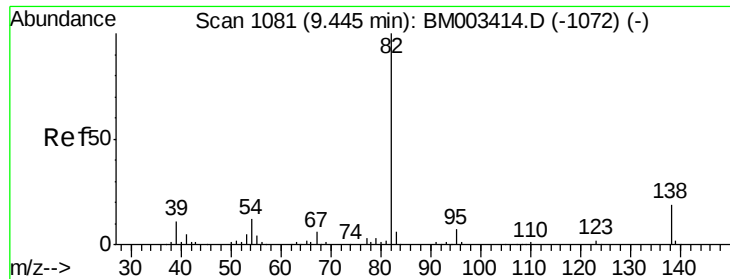
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#24
 Nitrobenzene
 Concen: 38.88 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	32.6	49.0	
65	12.5	10.9	16.3	





#25

Isophorone

Concen: 37.72 ng

RT: 9.40 min Scan# 1074

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

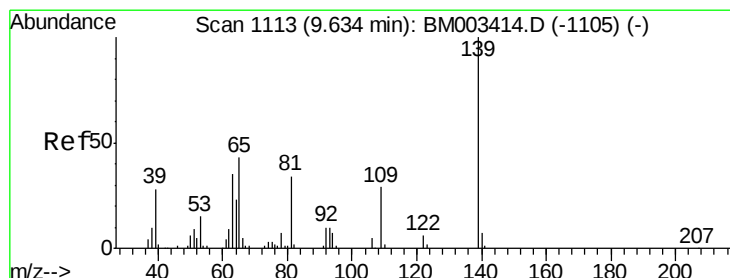
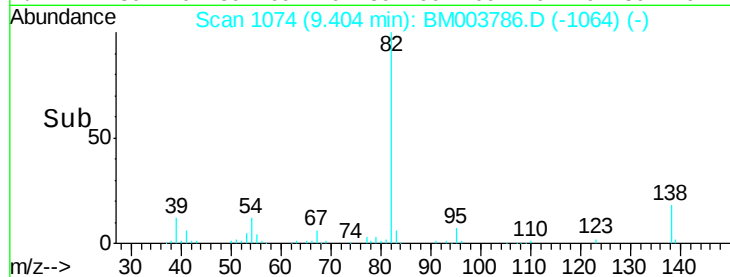
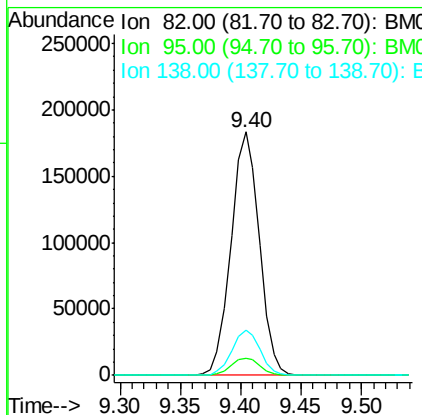
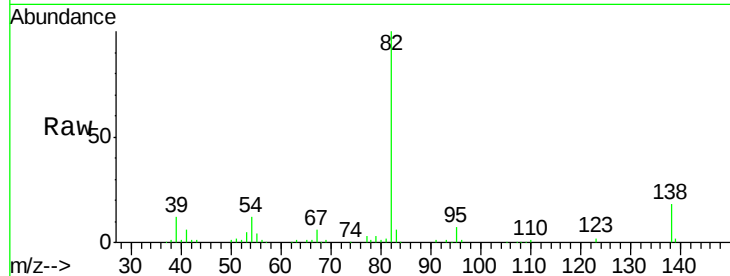
ClientSampleId :

PB87538BS

Tot Ion:	82	Resp:	299529
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.8	8.6
138	18.4	16.3	24.5

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#26

2-Nitrophenol

Concen: 36.94 ng

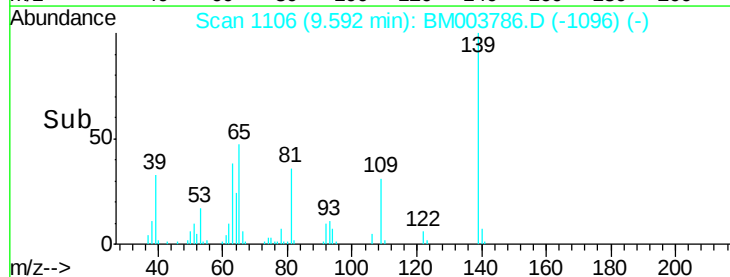
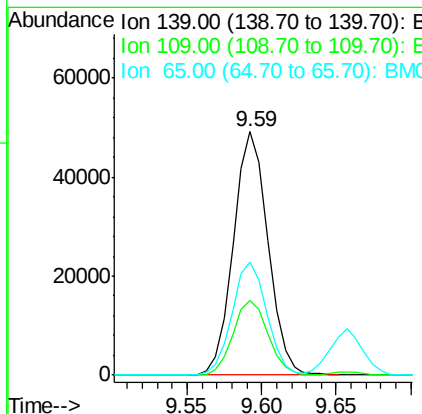
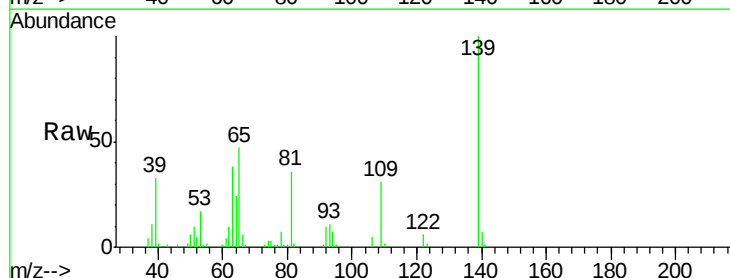
RT: 9.59 min Scan# 1106

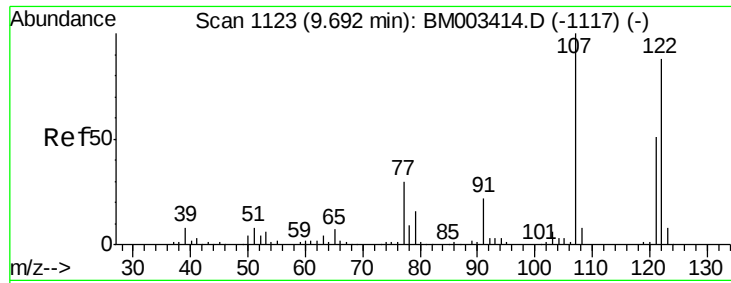
Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion:	139	Resp:	79296
Ion Ratio		Lower	Upper
139	100		
109	30.5	20.1	30.1#
65	46.6	31.5	47.3





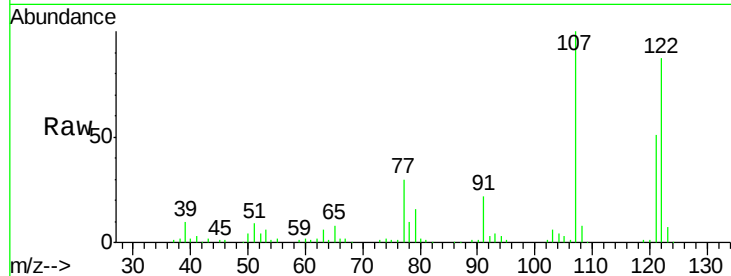
#27
 2,4-Dimethylphenol
 Concen: 39.91 ng
 RT: 9.66 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	149205		
107	115.2	84.7	127.1	
121	58.7	46.6	69.8	

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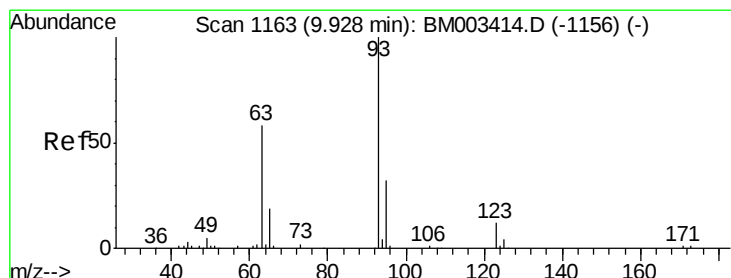
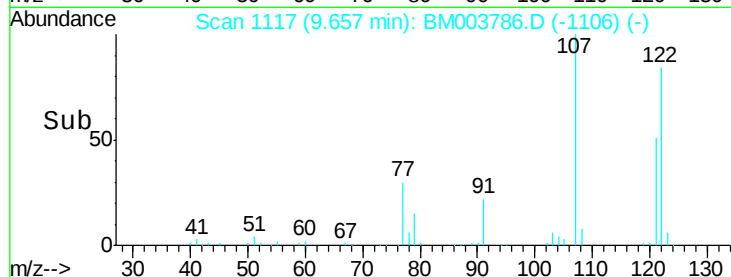
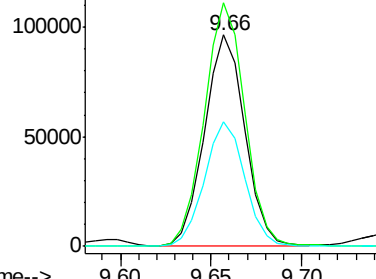


Abundance

Ion 122.00 (121.70 to 122.70): E

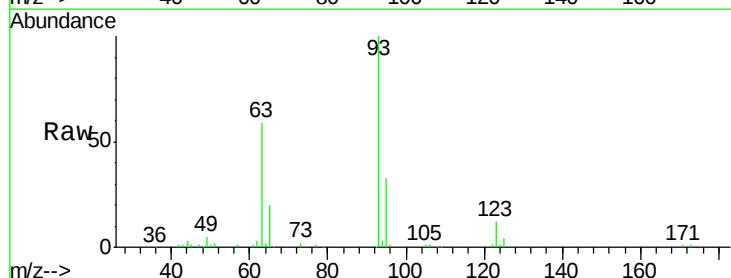
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.39 ng
 RT: 9.89 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	187944		
95	33.1	25.5	38.3	
123	11.6	8.6	13.0	

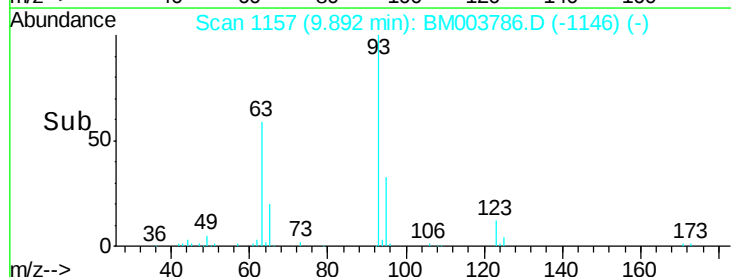
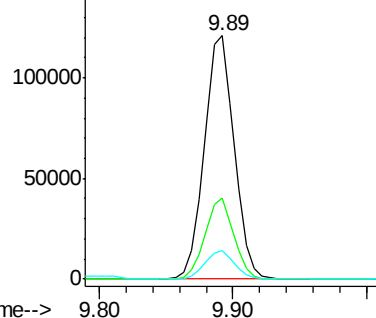


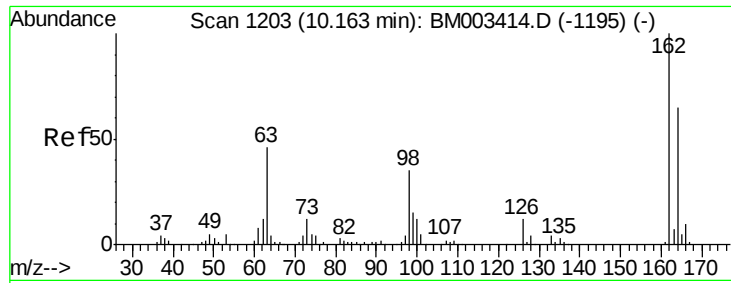
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





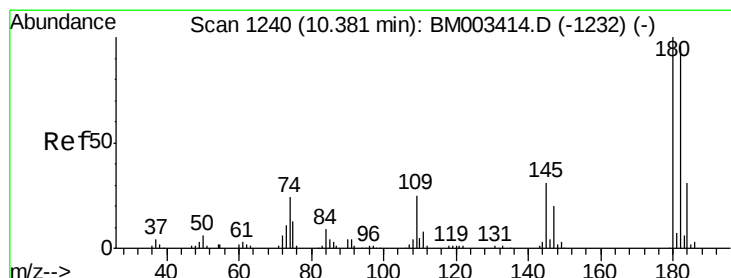
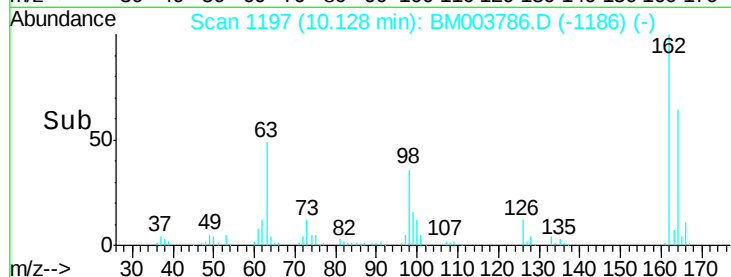
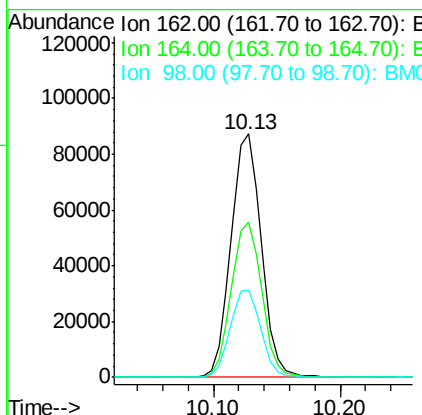
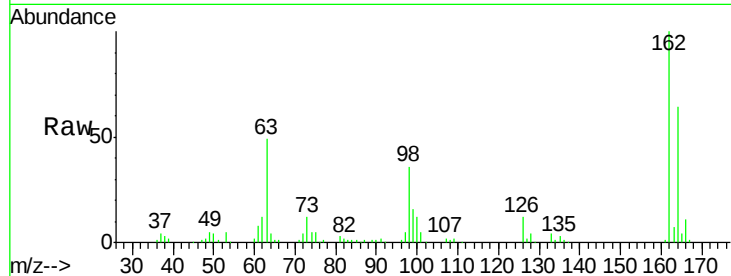
#29
2,4-Dichlorophenol
Concen: 40.57 ng
RT: 10.13 min Scan# 1197
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	144462		
164	64.0	42.8	82.8	
98	35.9	14.5	54.5	

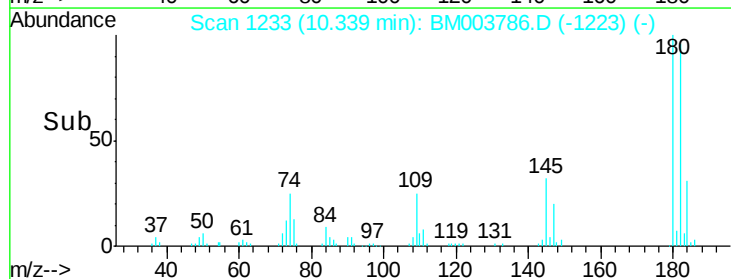
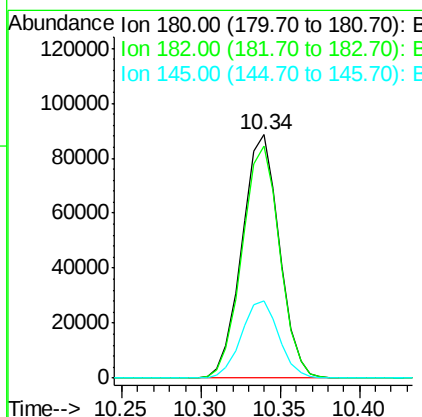
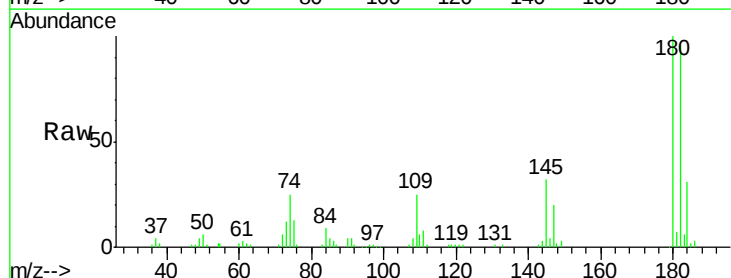
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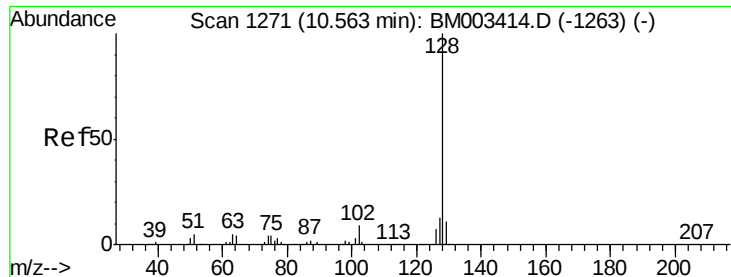
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 36.50 ng
RT: 10.34 min Scan# 1233
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145122		
182	95.5	77.6	116.4	
145	31.6	23.4	35.2	





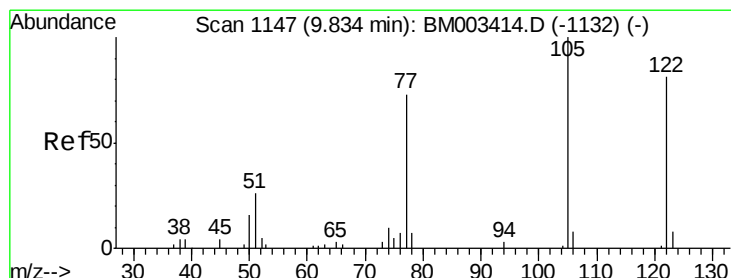
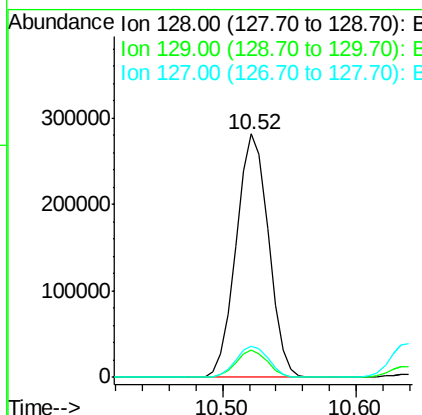
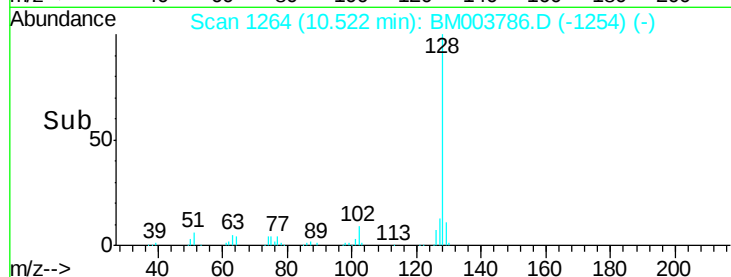
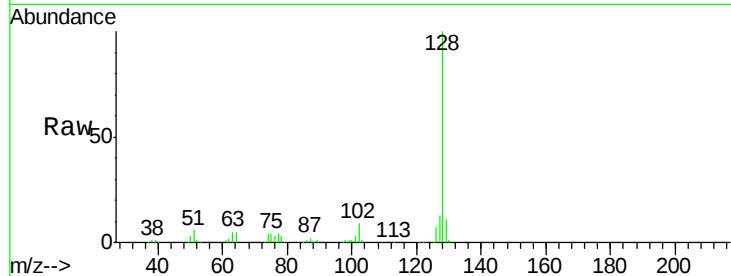
#31
Naphthalene
Concen: 37.09 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6

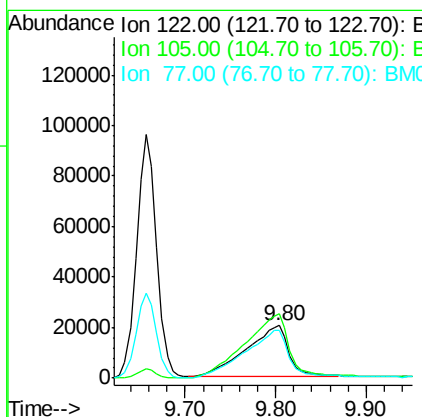
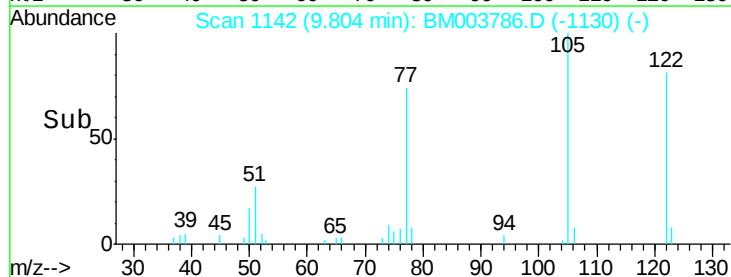
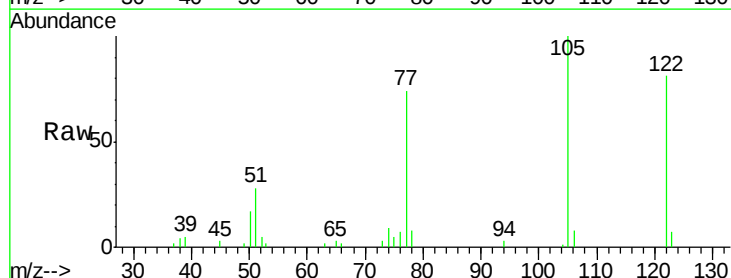
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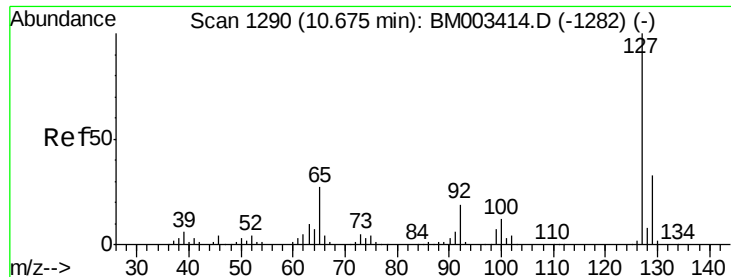
Sohil
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#32
Benzoic acid
Concen: 32.50 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	99.9	139.9
77	91.7	73.7	113.7





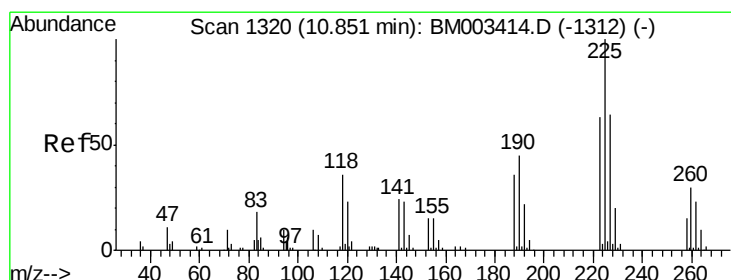
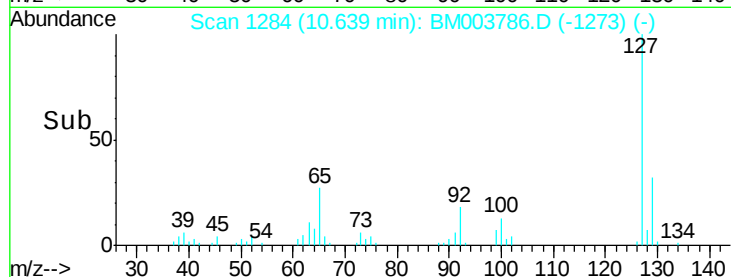
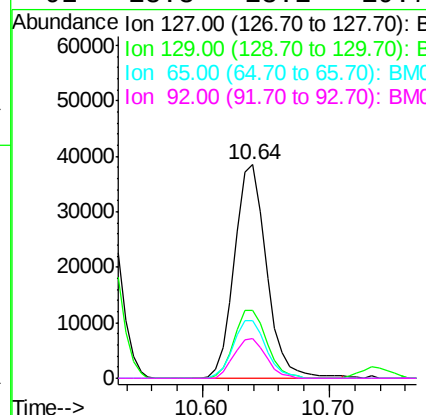
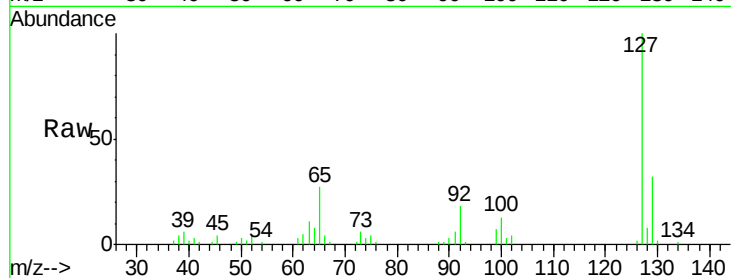
#33
4-Chloroaniline
Concen: 12.87 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampled :
PB87538BS

Tot Ion:	127	Resp:	67672
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.3	37.9
65	26.9	17.6	26.4
92	18.3	13.1	19.7

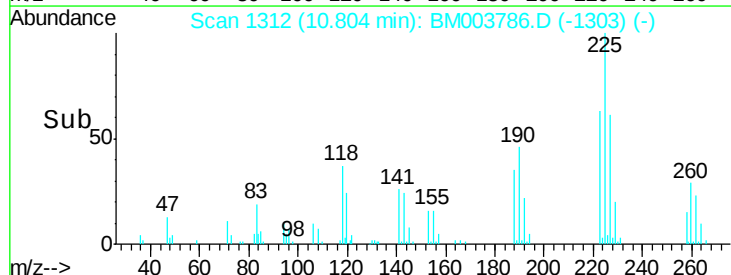
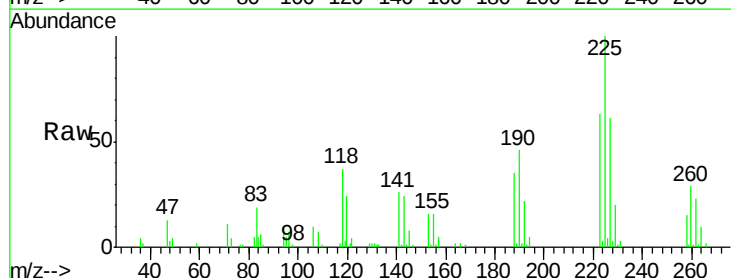
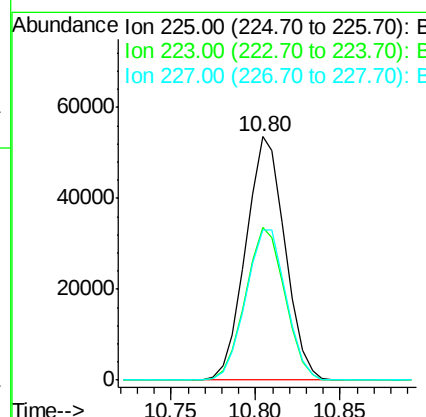
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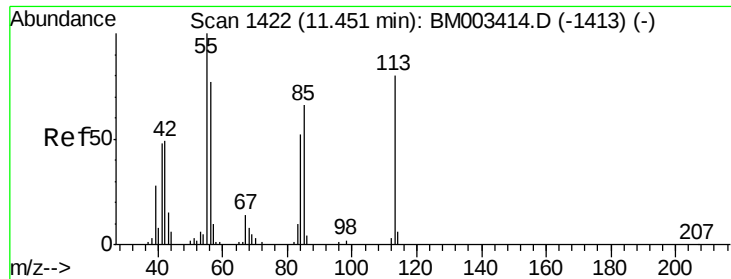
Sohil
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#34
Hexachlorobutadiene
Concen: 36.55 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.05 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion:	225	Resp:	86174
Ion Ratio	Lower	Upper	
225	100		
223	62.8	47.9	71.9
227	61.4	50.1	75.1





#35

Caprolactam

Concen: 36.52 ng/ml

RT: 11.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

ClientSampleId :

PB87538BS

Tot Ion:113 Resp: 42987

Ion Ratio Lower Upper

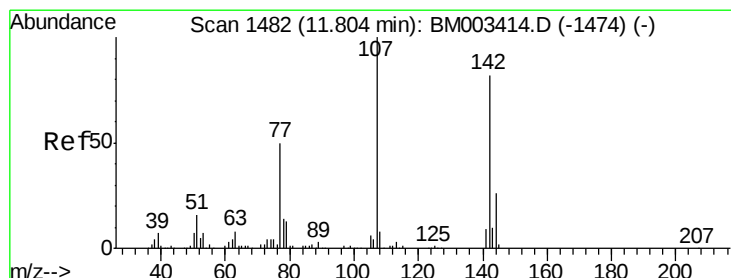
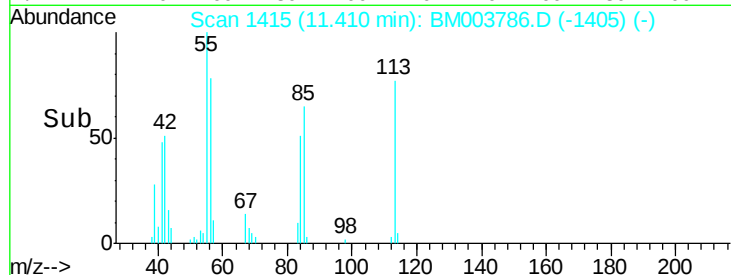
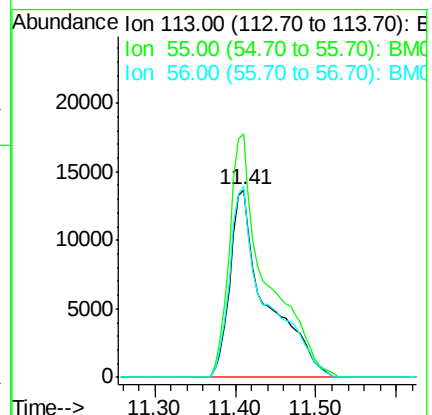
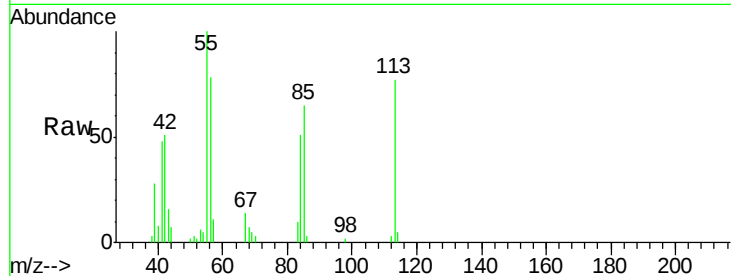
113 100

55 129.7 145.9 185.9#

56 101.7 101.0 141.0

Manual Integrations
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12/28/2015 6:00:36 PM



#36

4-Chloro-3-methylphenol

Concen: 38.16 ng/ml

RT: 11.77 min Scan# 1477

Delta R.T. -0.03 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

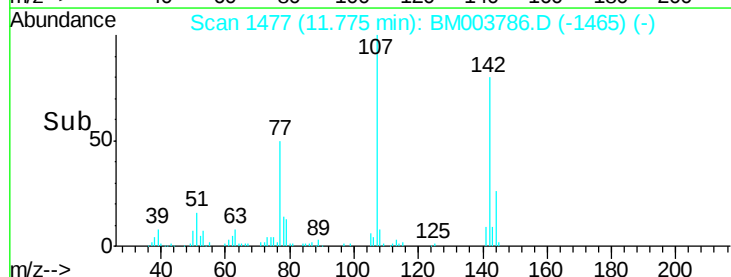
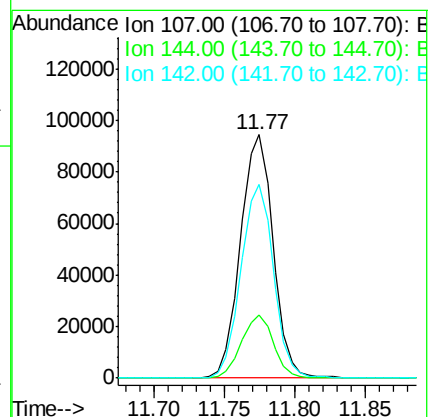
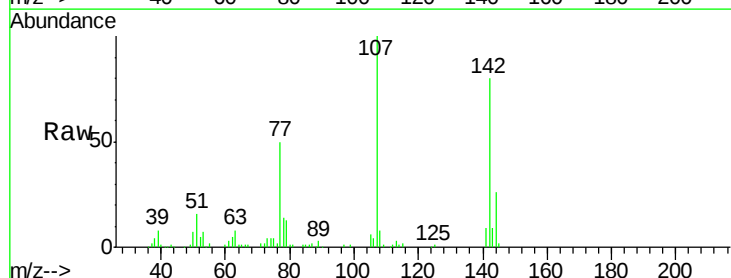
Tgt Ion:107 Resp: 153223

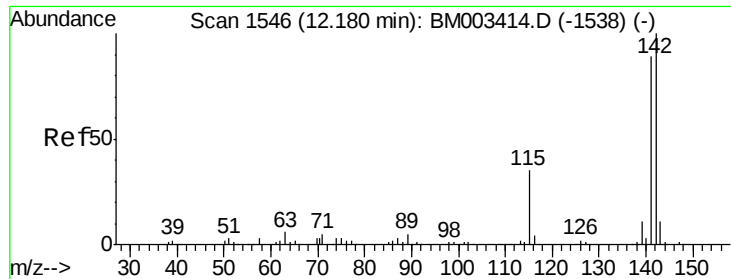
Ion Ratio Lower Upper

107 100

144 26.1 23.3 34.9

142 79.7 72.6 109.0





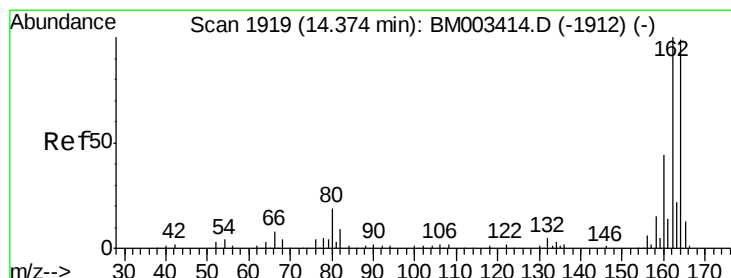
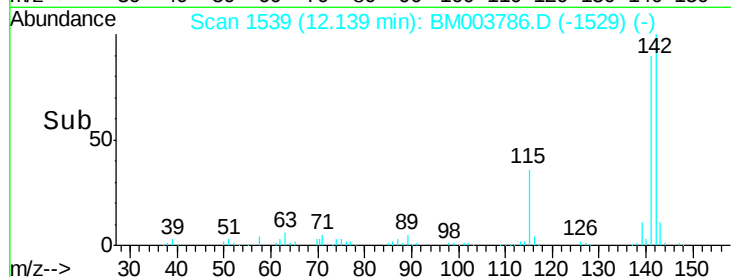
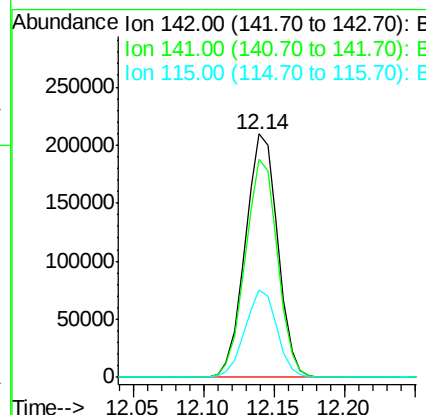
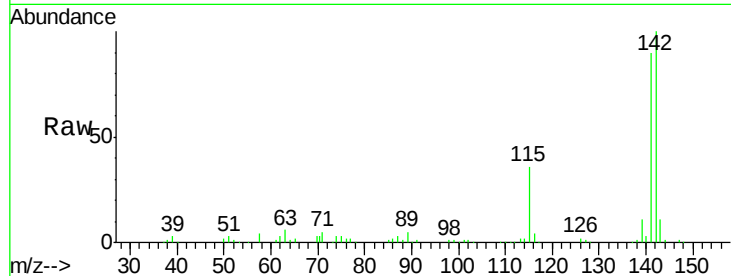
#37
2-Methylnaphthalene
Concen: 38.72 ng
RT: 12.14 min Scan# 1539
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampled :
PB87538BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	35.8	25.4	38.0

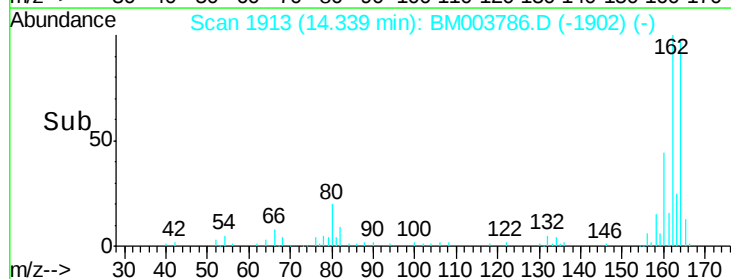
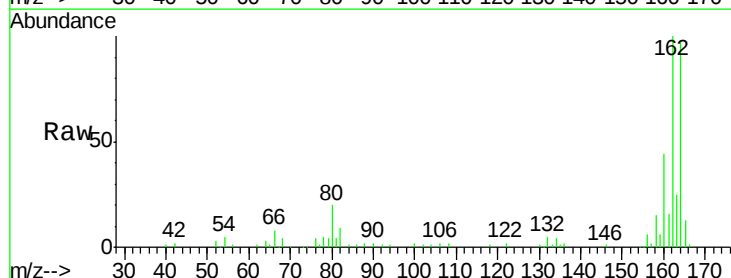
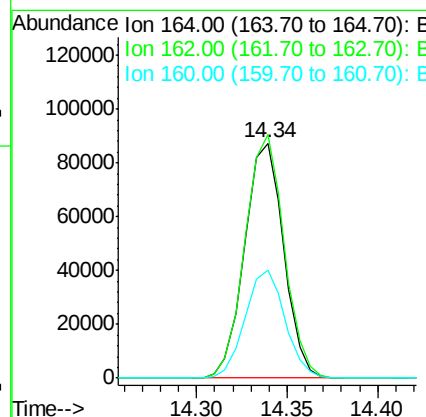
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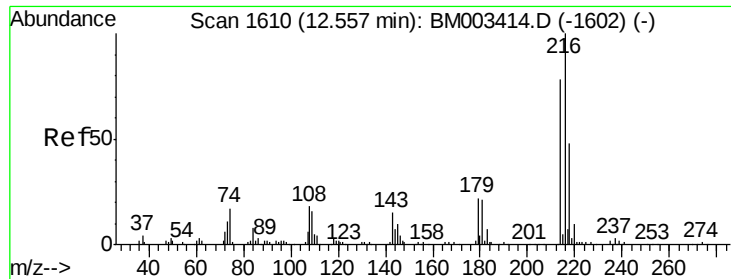
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	45.7	35.8	53.6





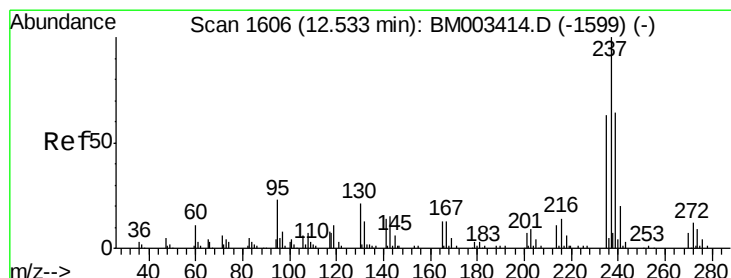
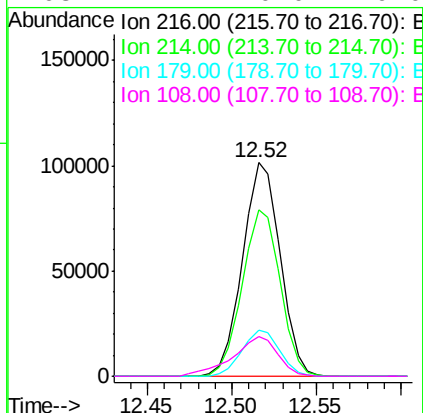
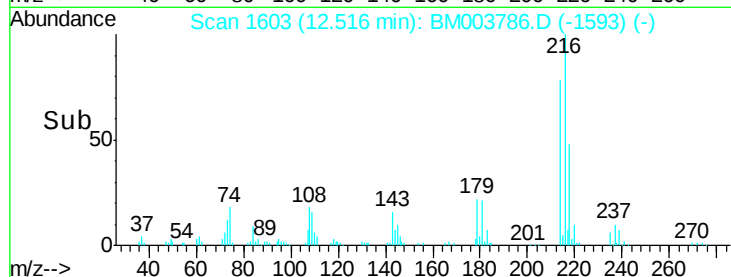
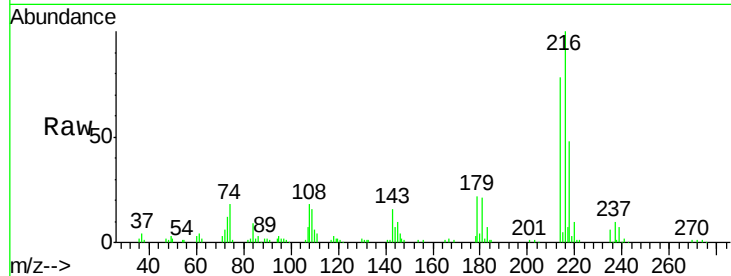
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.56 ng
 RT: 12.52 min Scan# 1603
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	157804		
214	78.5	0.0	0.0	0.0
179	21.6	0.0	0.0	0.0
108	22.2	0.0	0.0	0.0

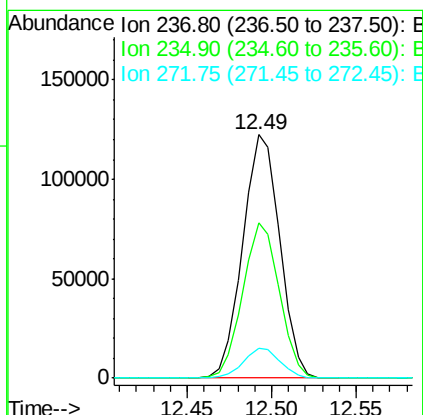
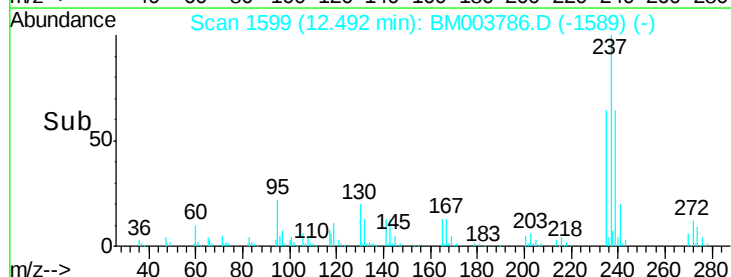
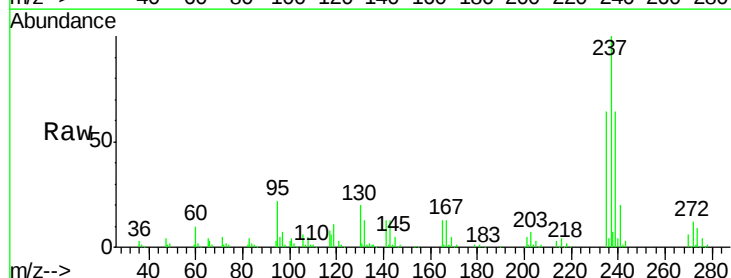
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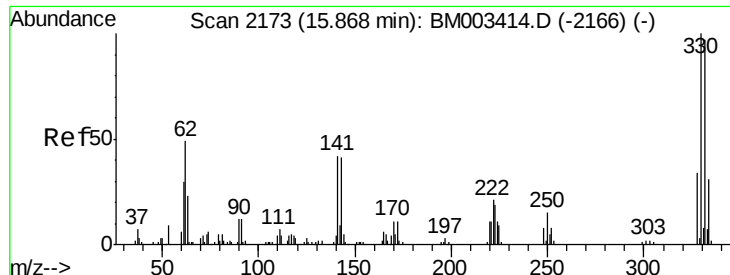
Sohil
 12/28/2015 6:00:36 PM



#40
 Hexachlorocyclopentadiene
 Concen: 80.03 ng
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	187561		
235	64.0	42.0	82.0	
272	12.0	0.0	33.4	





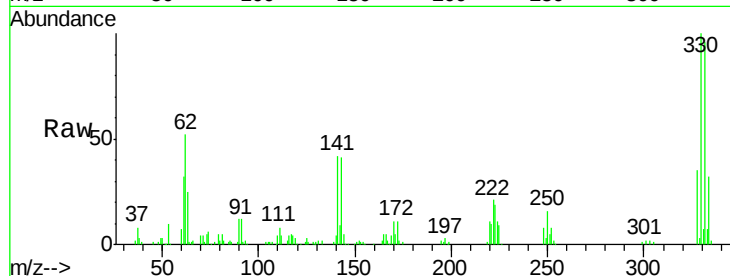
#41
 2,4,6-Tribromophenol
 Concen: 115.19 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleID :
 PB87538BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	43.5	0.0	0.0#

Manual Integrations
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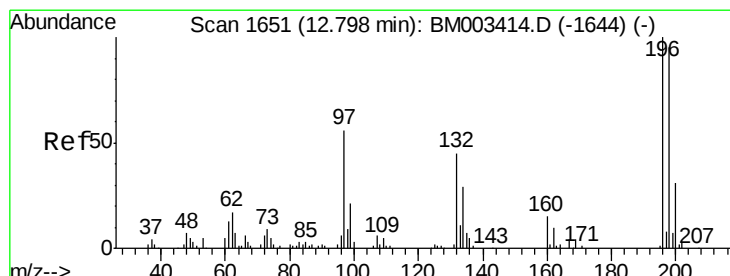
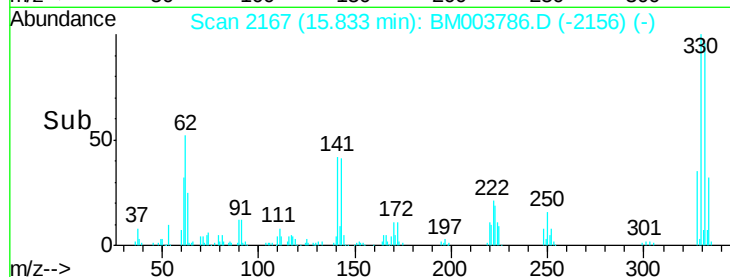
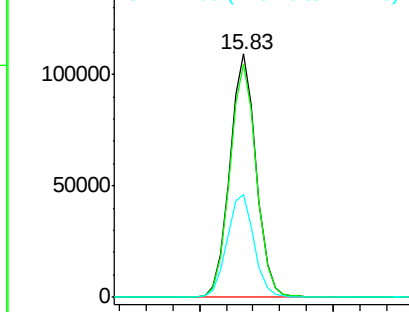


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.06 ng
 RT: 12.76 min Scan# 1645
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

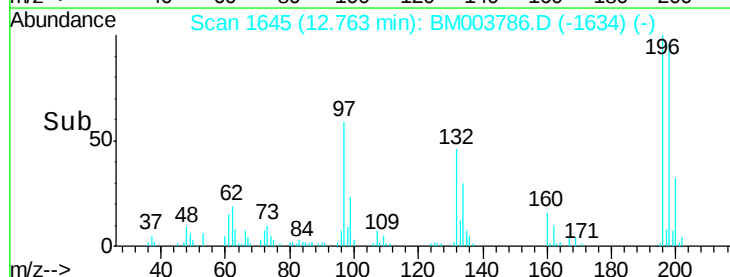
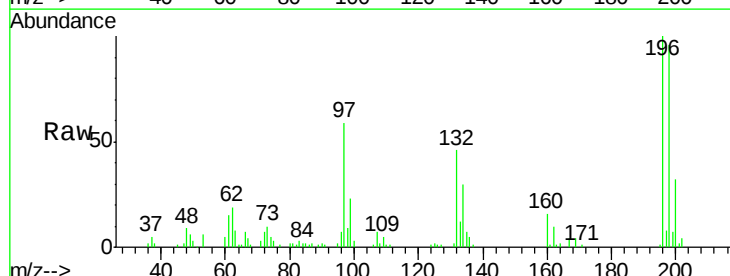
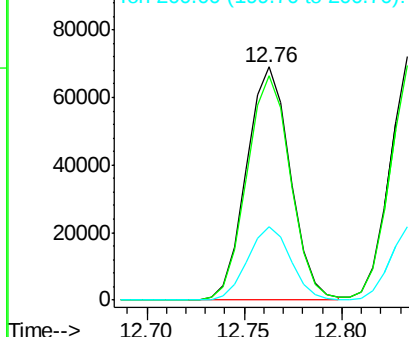
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.3	76.3	114.5
200	31.6	25.6	38.4

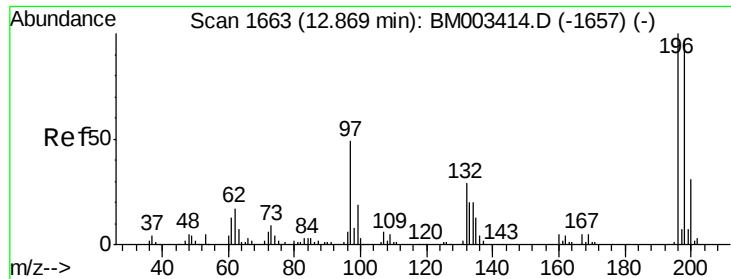
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





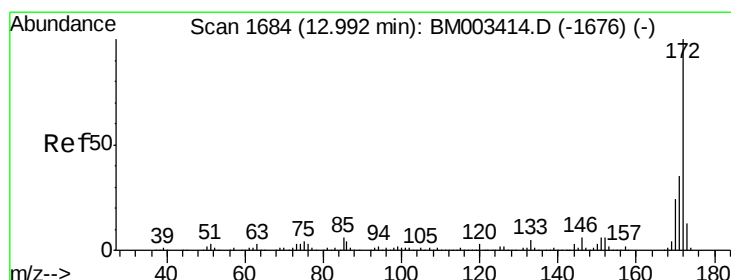
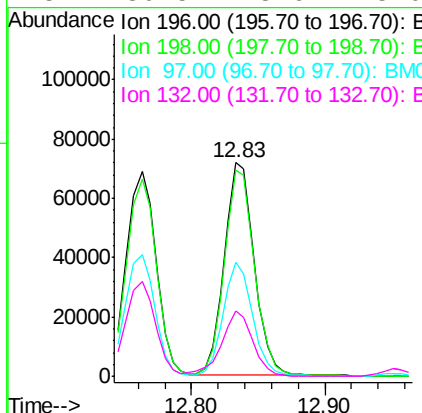
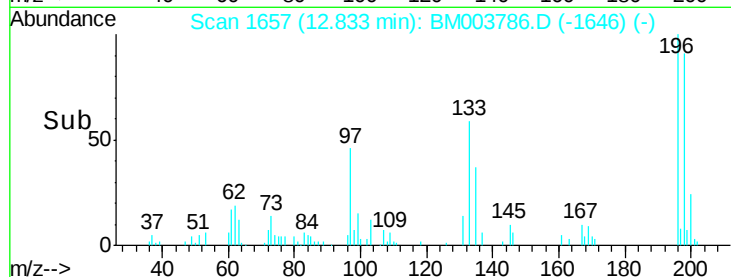
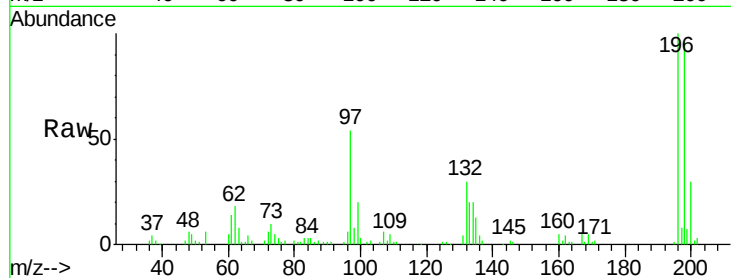
#43
 2,4,5-Trichlorophenol
 Concen: 39.32 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		113258		
198	96.2	79.4	119.0		
97	53.6	26.8	40.2#		
132	30.5	18.6	28.0#		

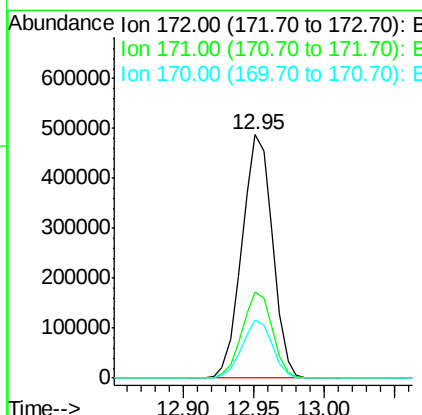
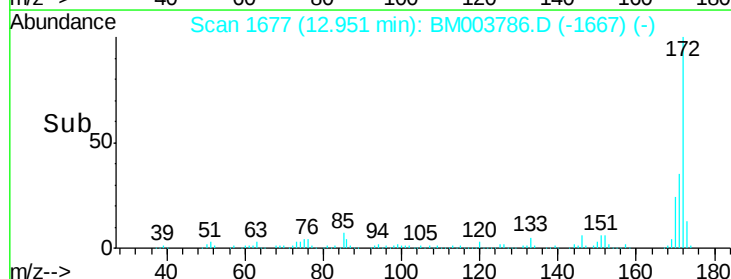
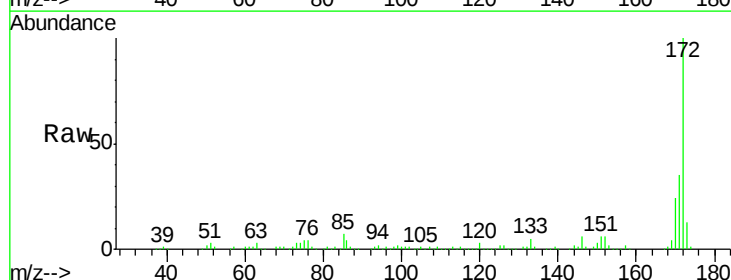
Manual Integrations
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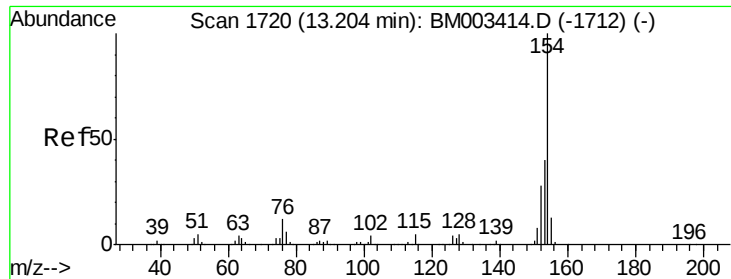
Sohil
 12/28/2015 6:00:36 PM



#44
 2-Fluorobiphenyl
 Concen: 76.97 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		738406		
171	35.2	28.5	42.7		
170	23.7	18.8	28.2		





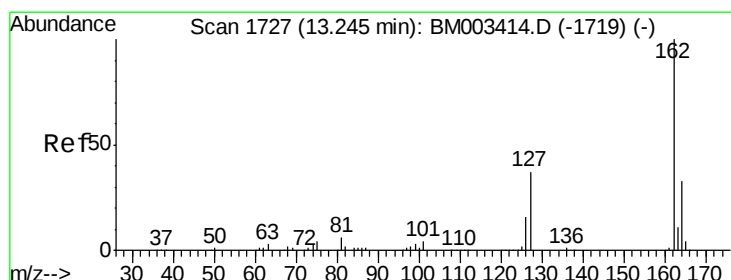
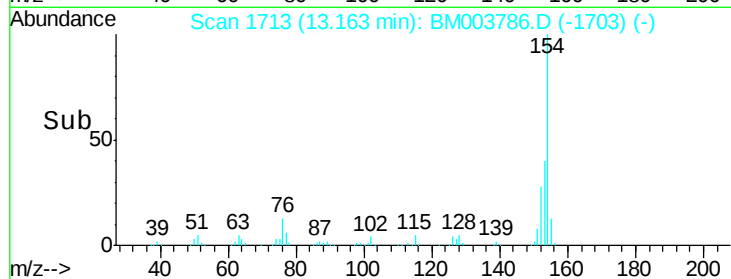
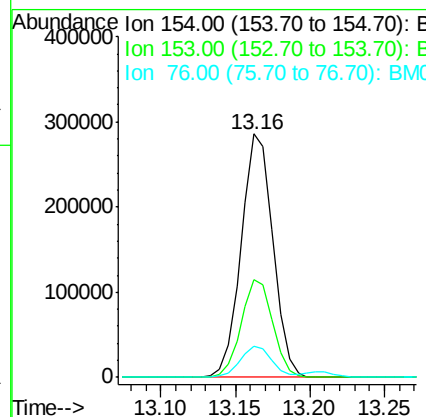
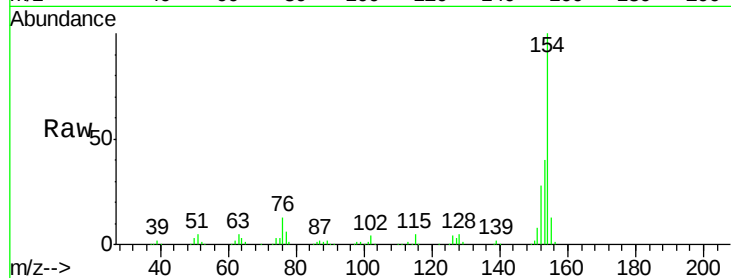
#45
 1,1'-Biphenyl
 Concen: 36.33 ng
 RT: 13.16 min Scan# 1713
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	12.8	0.0	30.9

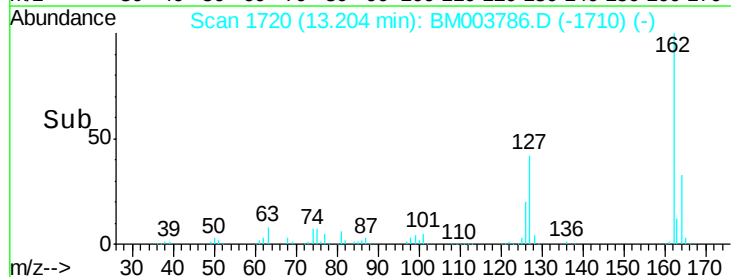
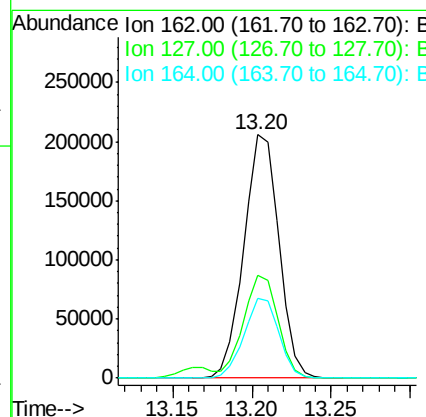
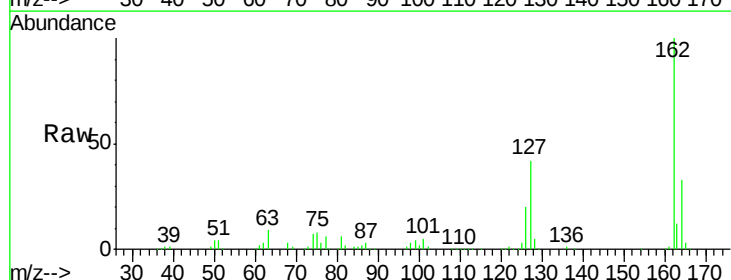
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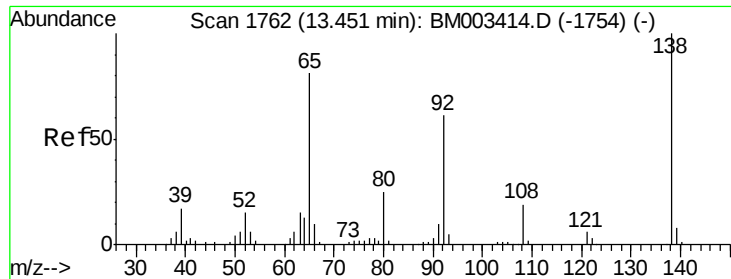
Sohil
 12/28/2015 6:00:36 PM



#46
 2-Chloronaphthalene
 Concen: 37.14 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	26.9	40.3#
164	33.0	26.8	40.2





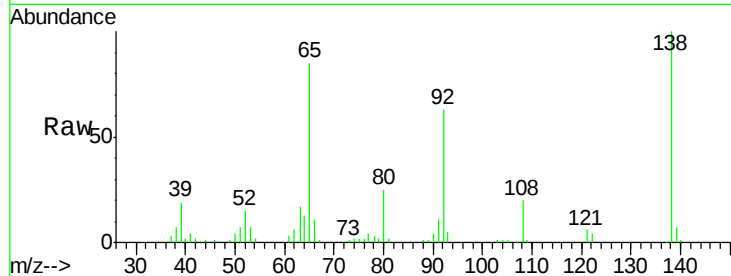
#47
2-Nitroaniline
Concen: 40.35 ng
RT: 13.42 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

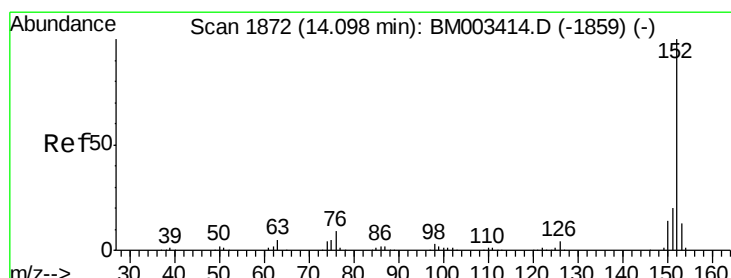
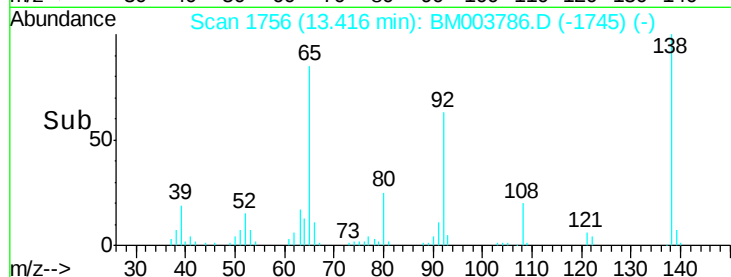
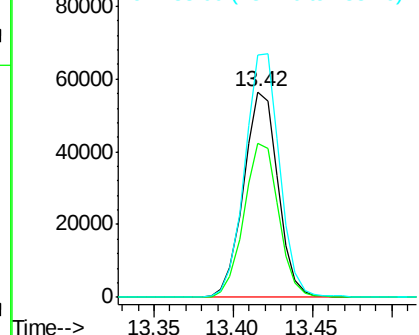
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	59.1	88.7
138	117.8	93.9	140.9

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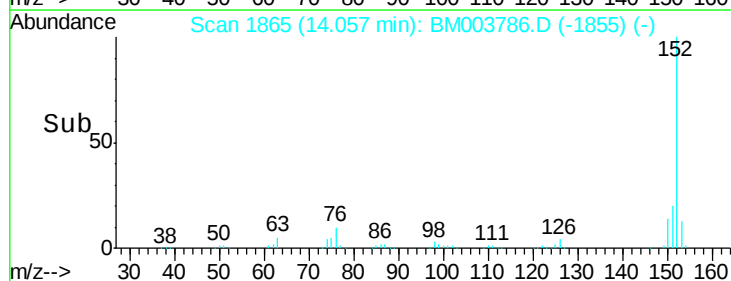
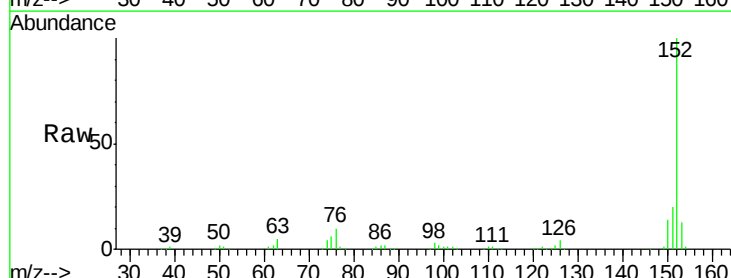
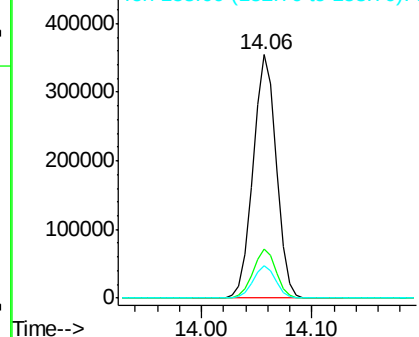
Abundance Ion 65.00 (64.70 to 65.70): BM003786.D (-1754) (-)
Ion 92.00 (91.70 to 92.70): BM003786.D (-1754) (-)
Ion 138.00 (137.70 to 138.70): BM003786.D (-1754) (-)

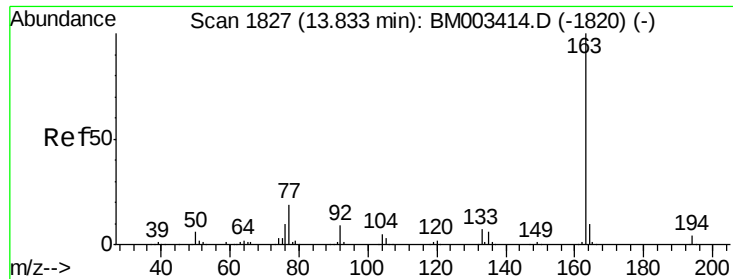


#48
Acenaphthylene
Concen: 37.03 ng
RT: 14.06 min Scan# 1865
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.3	10.6	16.0

Abundance Ion 152.00 (151.70 to 152.70): BM003786.D (-1855) (-)
Ion 151.00 (150.70 to 151.70): BM003786.D (-1855) (-)
Ion 153.00 (152.70 to 153.70): BM003786.D (-1855) (-)





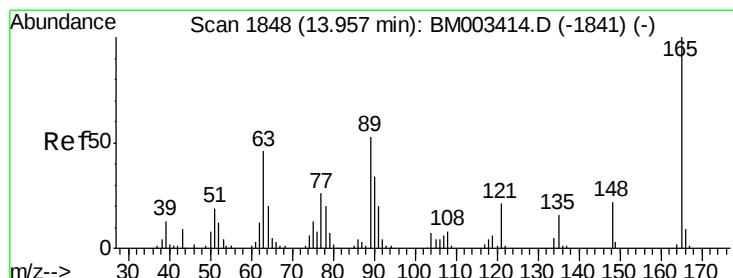
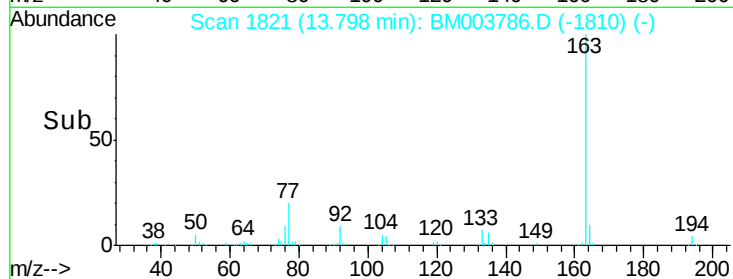
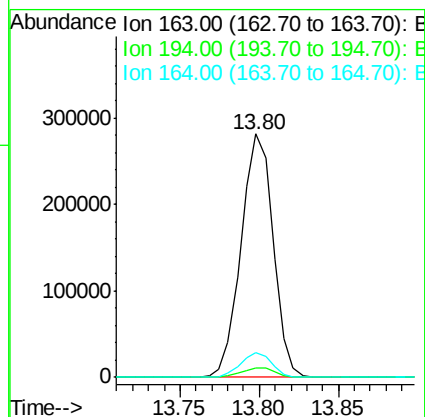
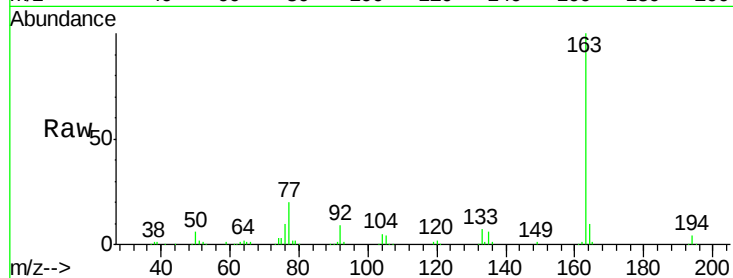
#49
Dimethylphthalate
Concen: 36.65 ng
RT: 13.80 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	394786		
194	4.0		2.7	4.1
164	10.1		8.2	12.2

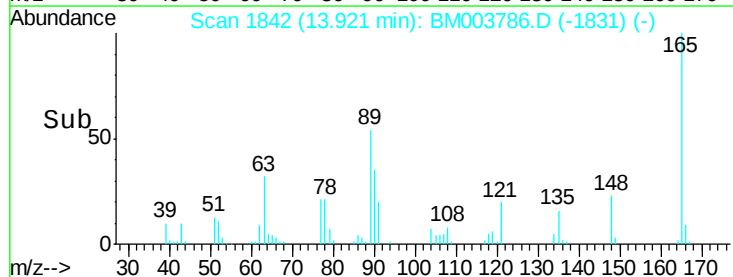
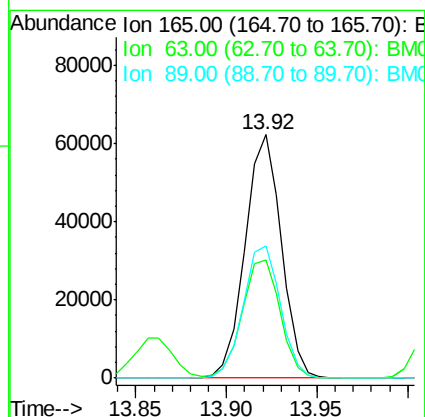
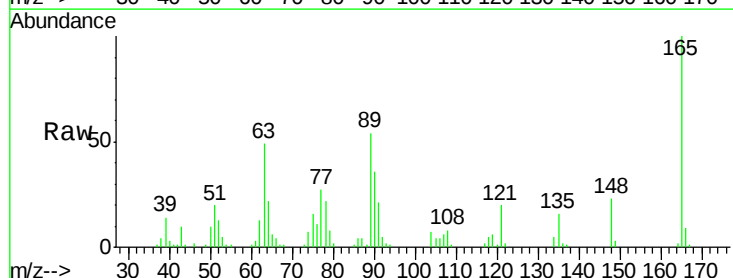
Manual Integrations
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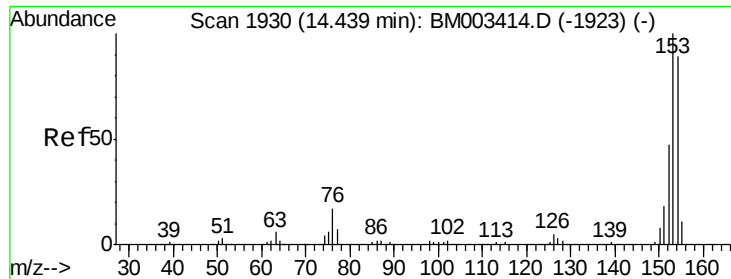
Sohil
12/28/2015 6:00:36 PM



#50
2,6-Dinitrotoluene
Concen: 38.45 ng
RT: 13.92 min Scan# 1842
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	86408		
63	48.6		44.1	66.1
89	54.3		44.3	66.5





#51

Acenaphthene

Concen: 36.84 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

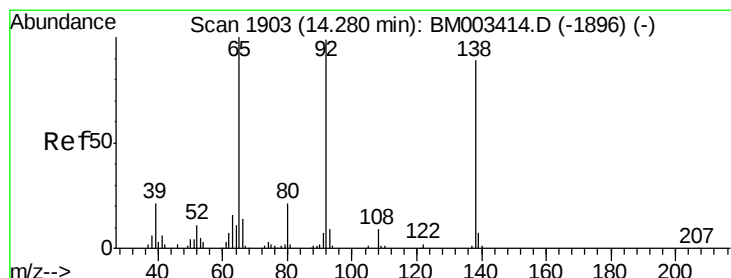
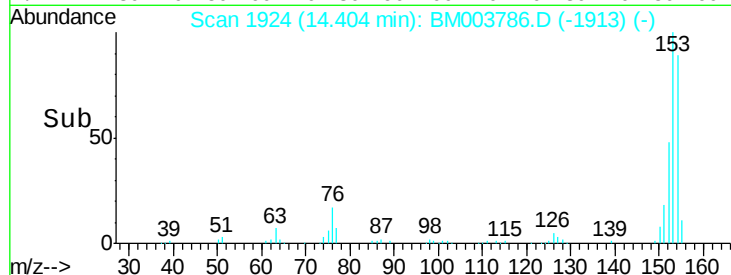
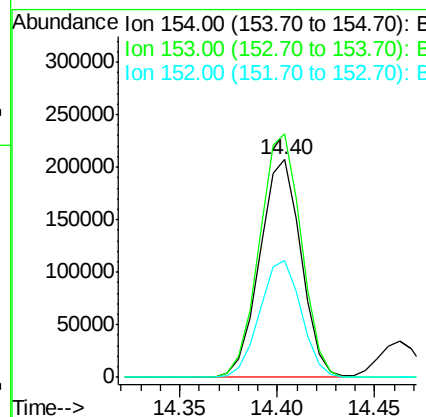
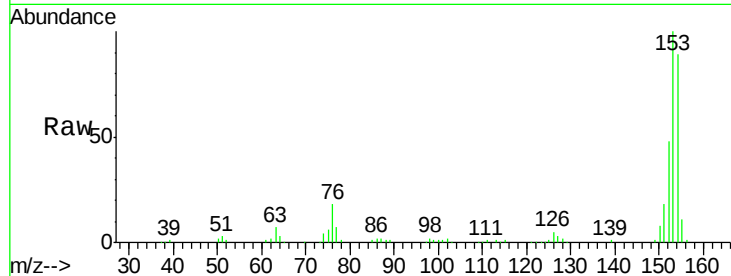
ClientSampleId :

PB87538BS

Tot Ion:	154	Resp:	302994
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.0	135.0
152	53.6	42.6	63.8

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12/28/2015 6:00:36 PM



#52

3-Nitroaniline

Concen: 20.56 ng

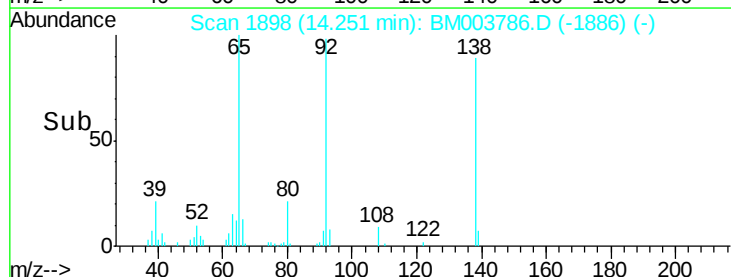
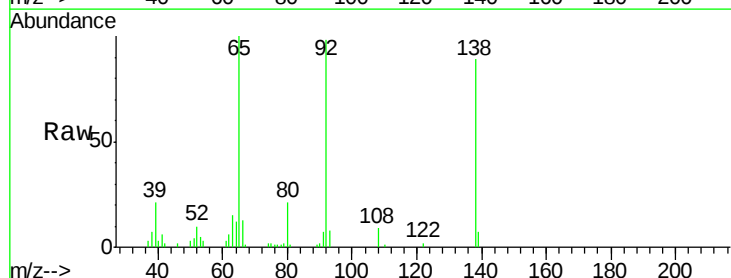
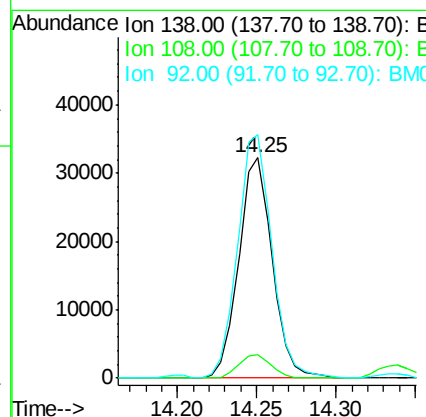
RT: 14.25 min Scan# 1898

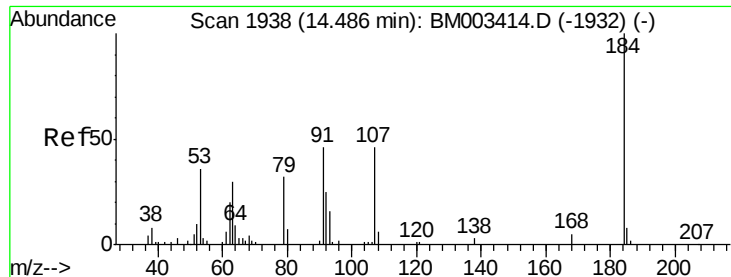
Delta R.T. -0.03 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion:	138	Resp:	47291
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.3	10.9
92	110.5	76.6	114.8





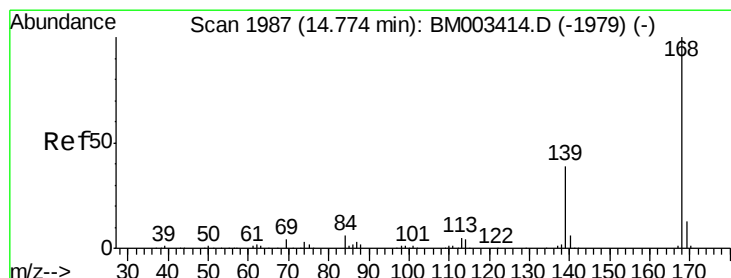
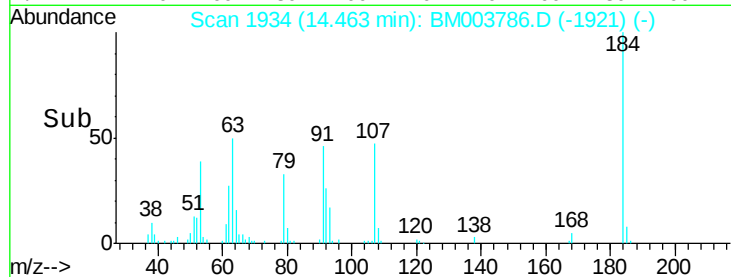
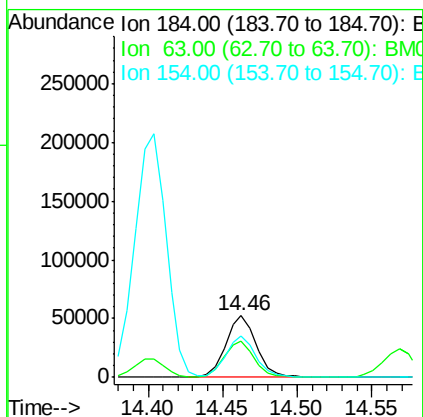
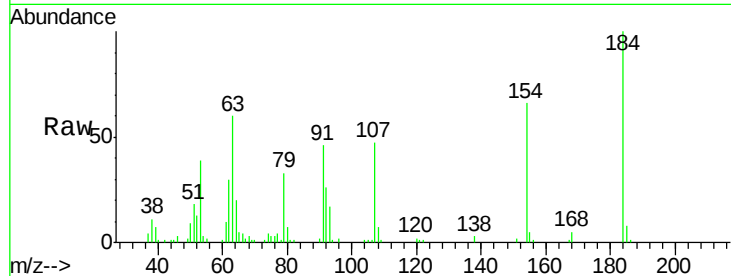
#53
 2,4-Dinitrophenol
 Concen: 61.00 ng
 RT: 14.46 min Scan# 1934
 Delta R.T. -0.02 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.6	69.2	103.8#
154	66.3	53.3	79.9

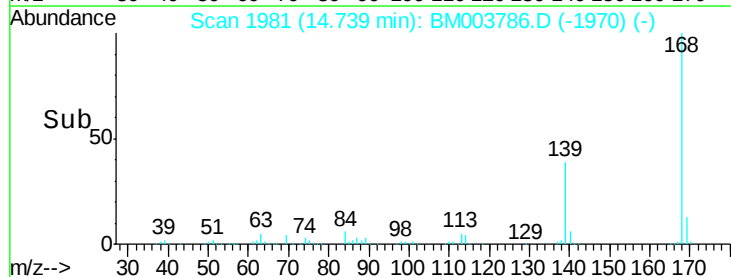
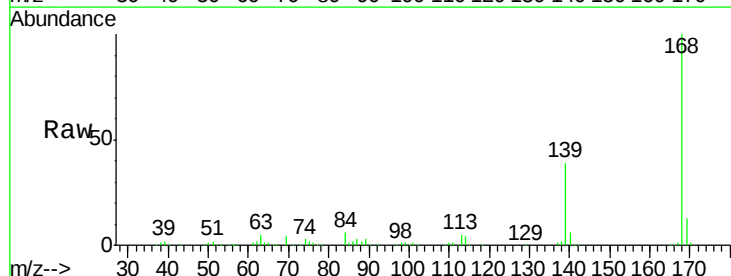
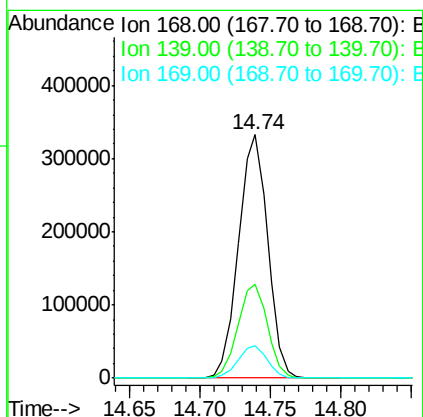
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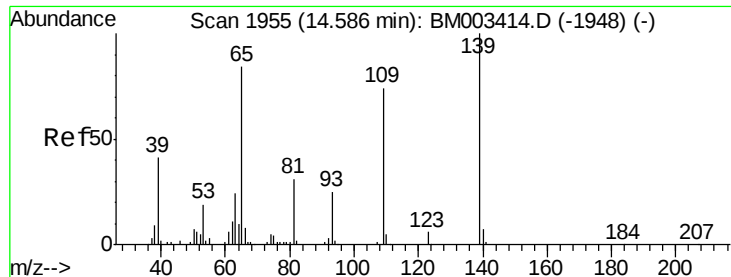
Sohil
 12/28/2015 6:00:36 PM



#54
 Dibenzofuran
 Concen: 40.44 ng
 RT: 14.74 min Scan# 1981
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	27.3	40.9
169	13.5	10.6	16.0





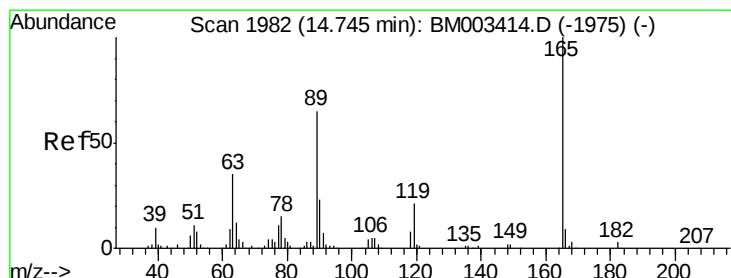
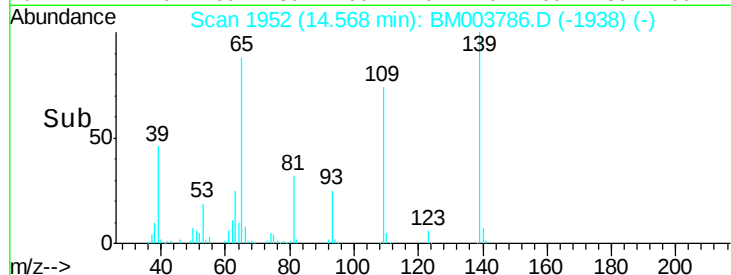
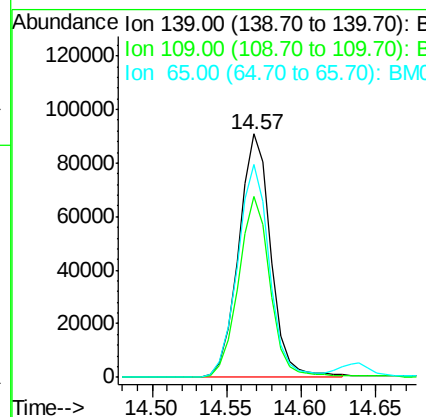
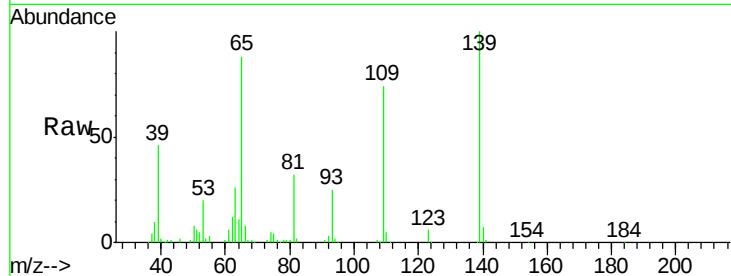
#55
4-Nitrophenol
Concen: 71.71 ng
RT: 14.57 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	136193		
109	74.3	37.7	77.7	
65	87.6	49.9	89.9	

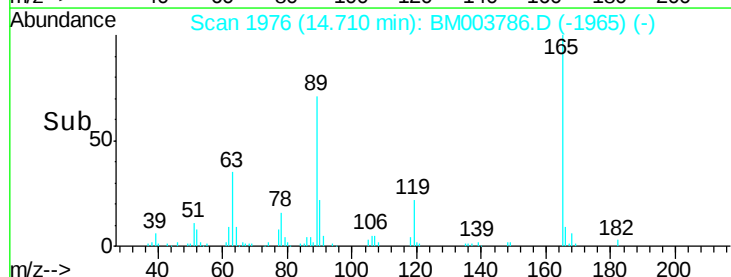
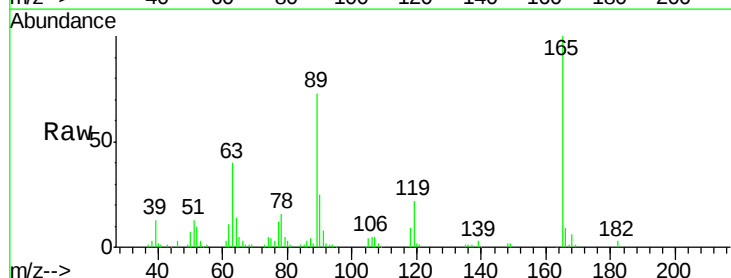
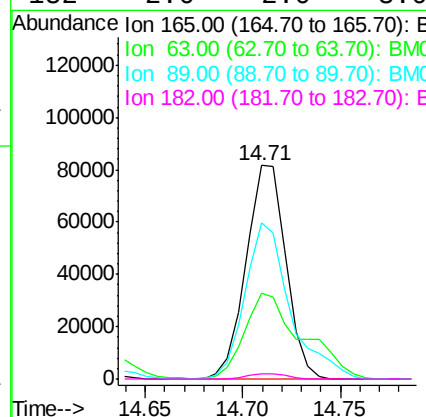
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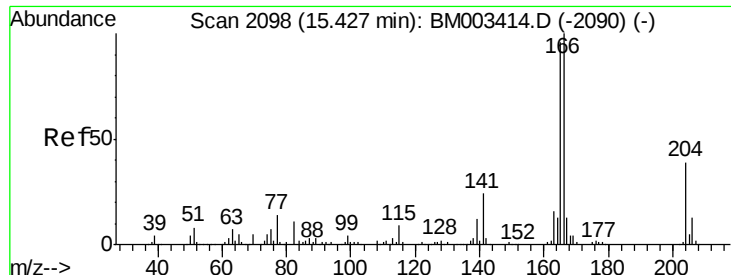
Sohil
12/28/2015 6:00:36 PM



#56
2,4-Dinitrotoluene
Concen: 39.54 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	115287		
63	40.3	52.4	78.6	#
89	73.0	72.4	108.6	
182	2.6	2.0	3.0	





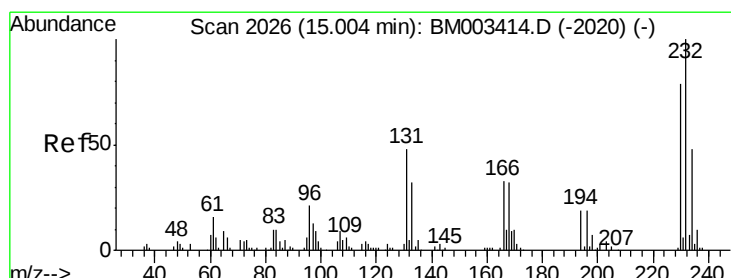
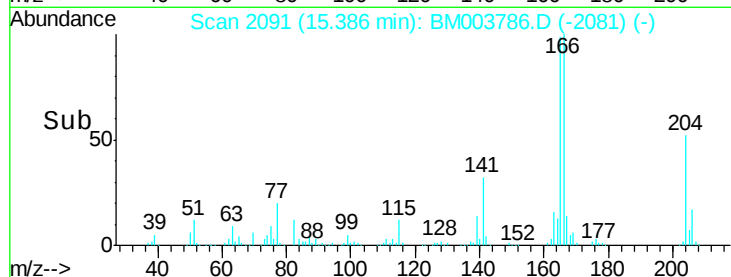
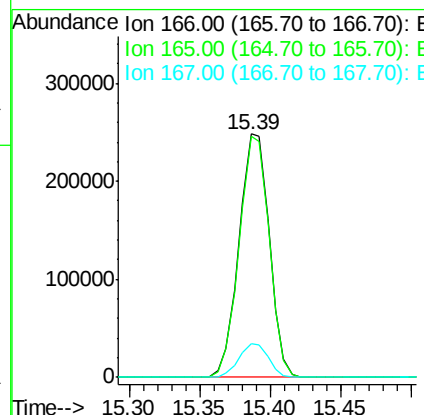
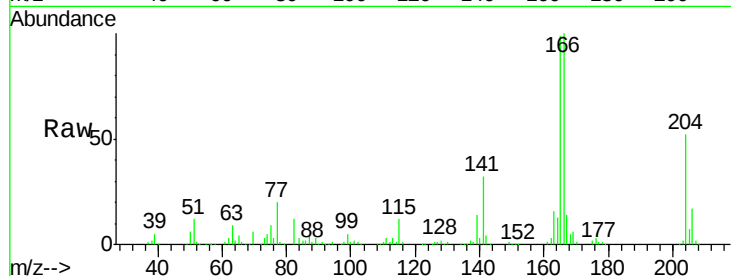
#57
 Fluorene
 Concen: 37.77 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	371962		
165	98.8	79.0	118.4	
167	13.8	10.3	15.5	

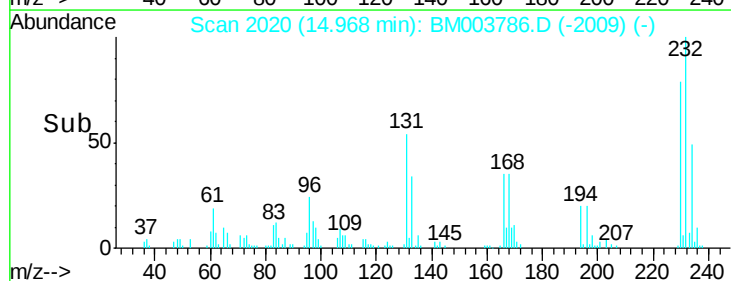
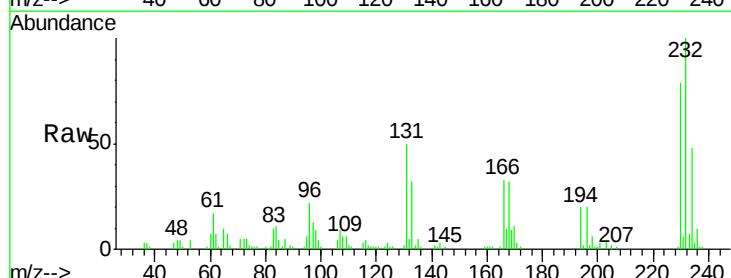
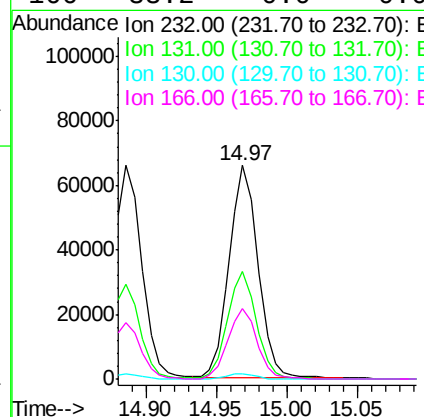
Manual Integrations
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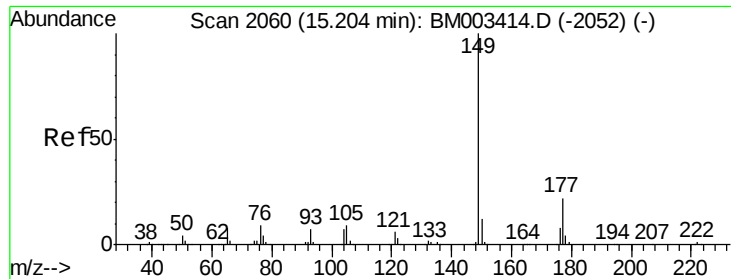
Sohil
 12/28/2015 6:00:36 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.28 ng
 RT: 14.97 min Scan# 2020
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	93615		
131	50.7	0.0	0.0#	
130	2.3	0.0	0.0#	
166	33.2	0.0	0.0#	





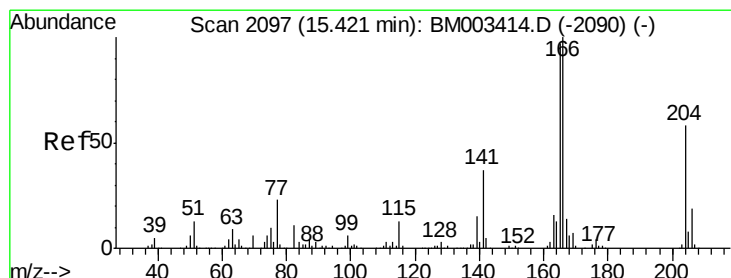
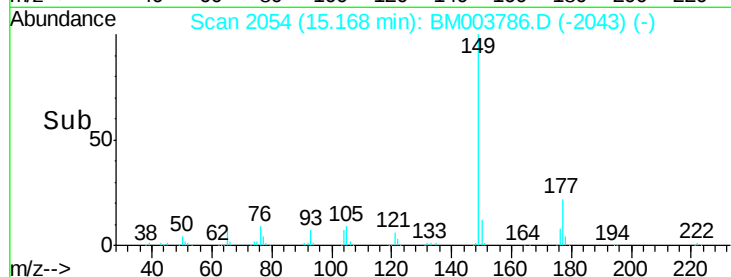
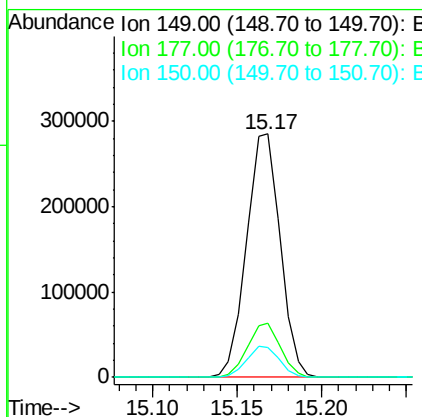
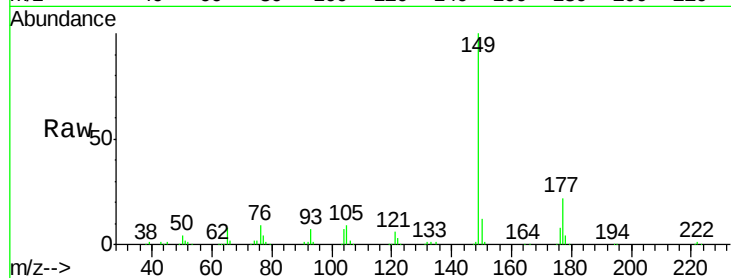
#59
Diethylphthalate
Concen: 37.57 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	397328		
177	22.1	18.3	27.5	
150	12.5	9.8	14.8	

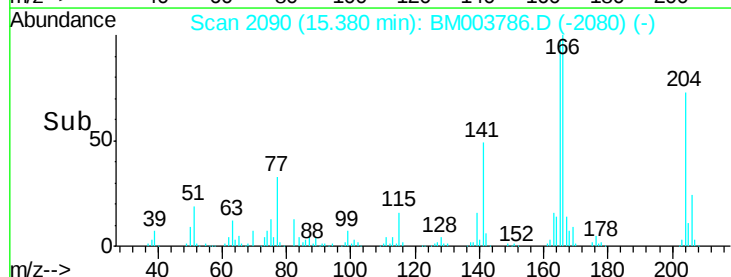
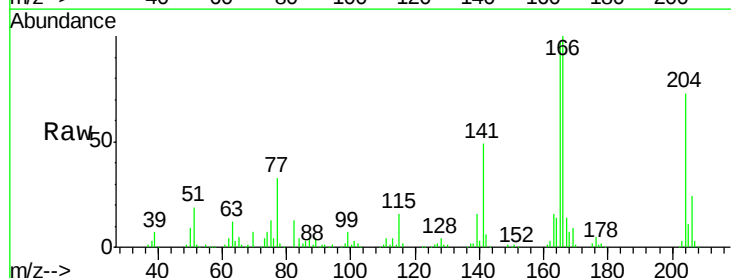
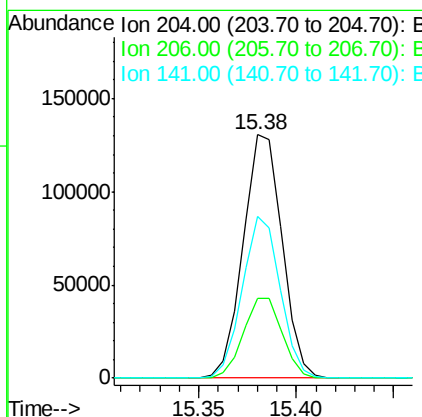
Manual Integrations
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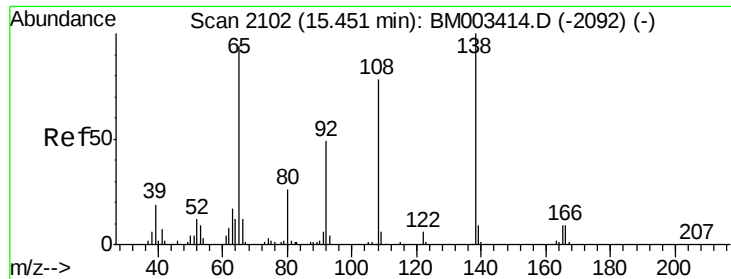
Sohil
12/28/2015 6:00:36 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.34 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	180966		
206	32.6	26.6	39.8	
141	66.4	45.2	67.8	





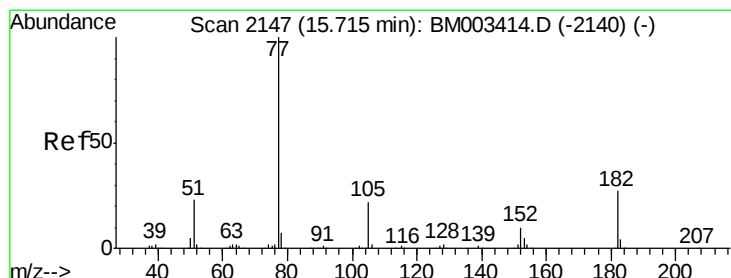
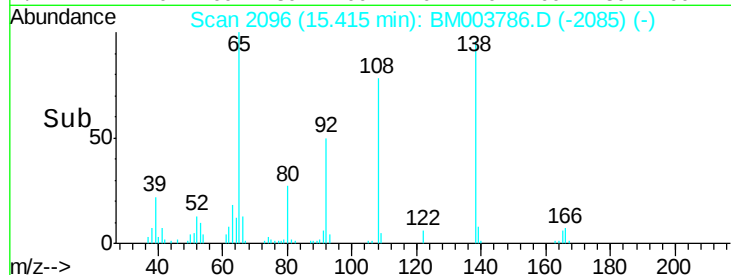
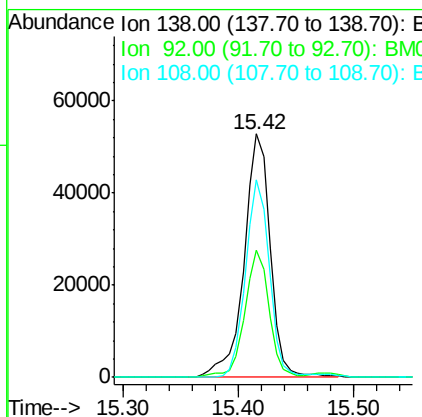
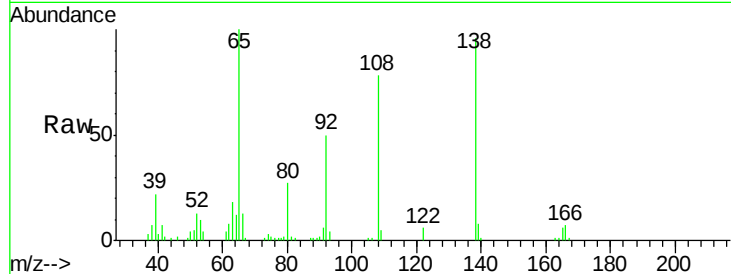
#61
4-Nitroaniline
Concen: 35.53 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.3	16.7	56.7
108	81.0	37.6	77.6

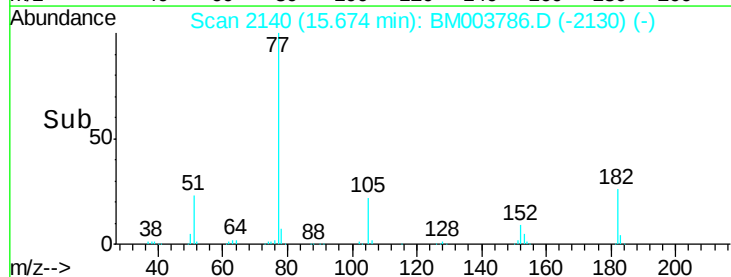
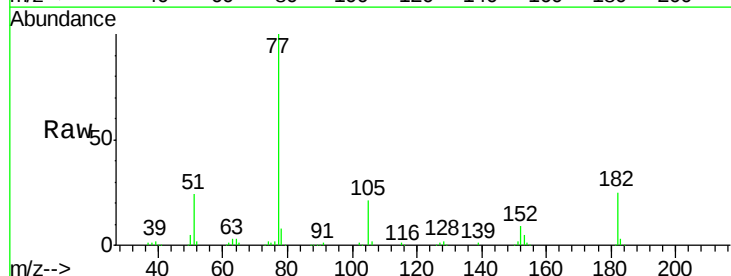
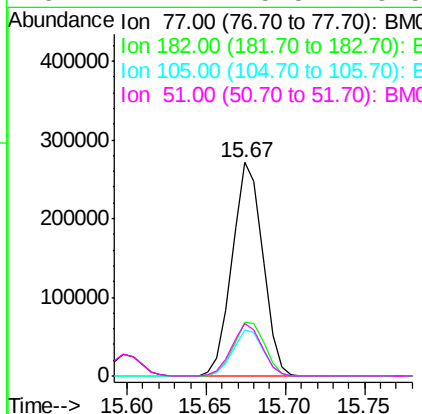
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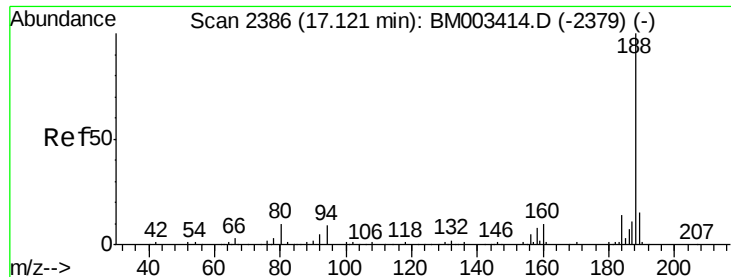
Sohil
12/28/2015 6:00:36 PM



#62
Azobenzene
Concen: 43.85 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	6.5	46.5
105	21.3	3.8	43.8
51	24.4	5.5	45.5





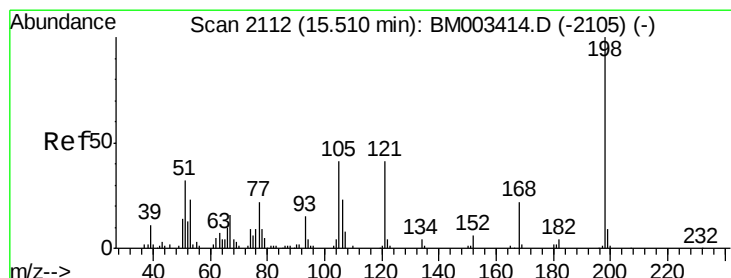
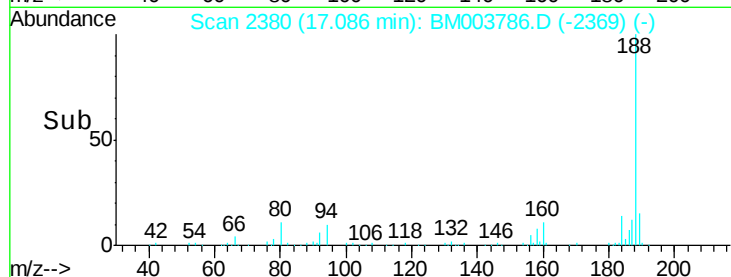
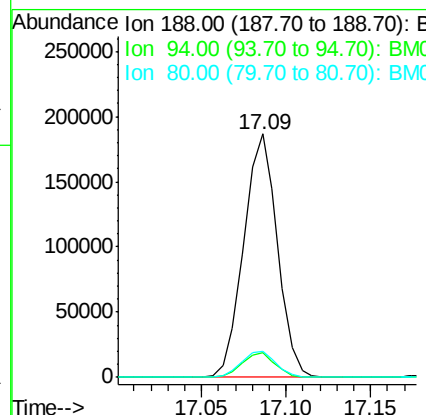
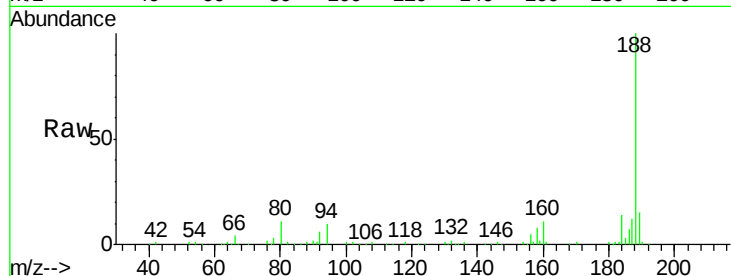
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	258676		
94	9.9	8.7	13.1	
80	10.9	9.3	13.9	

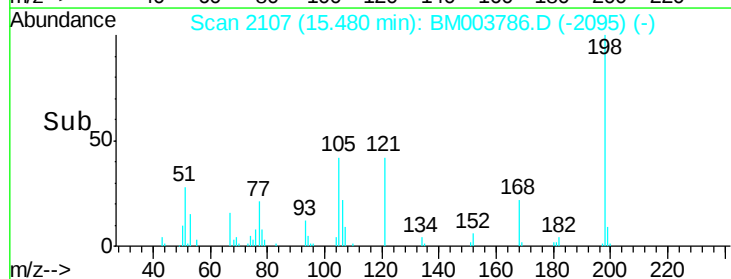
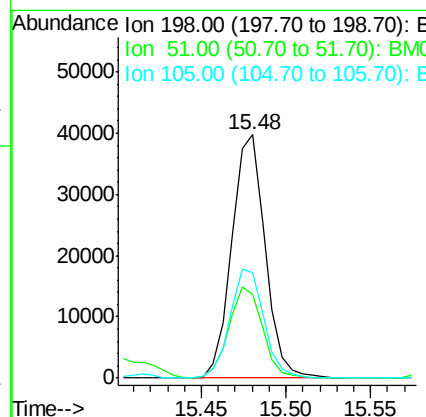
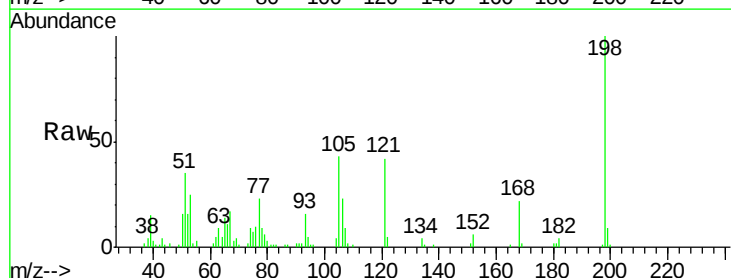
Manual Integrations
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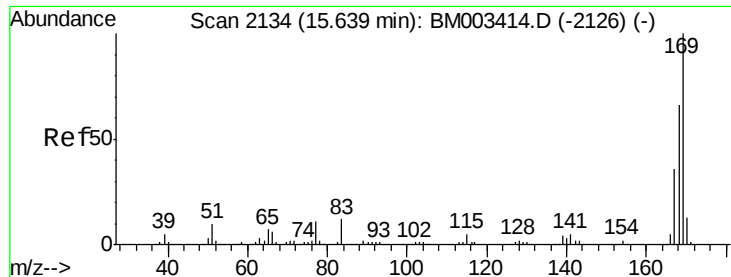
Sohil
12/28/2015 6:00:36 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.86 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.03 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54410		
51	34.6	28.8	68.8	
105	43.5	30.5	70.5	





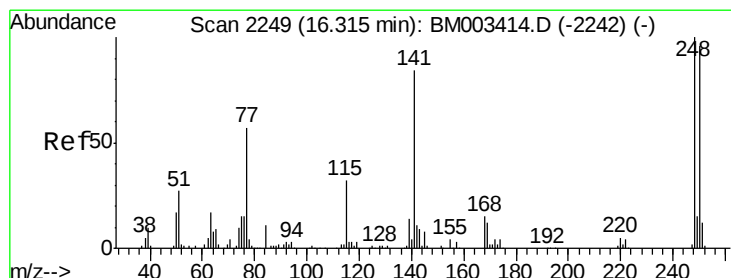
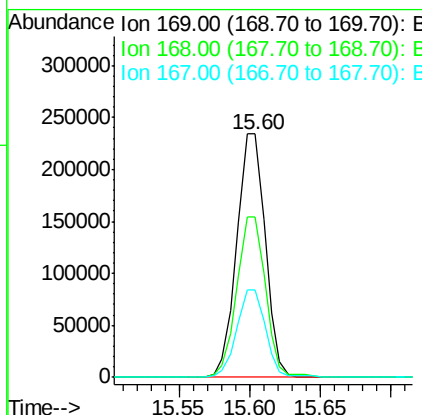
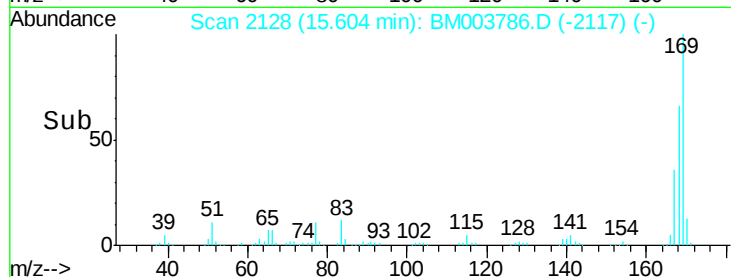
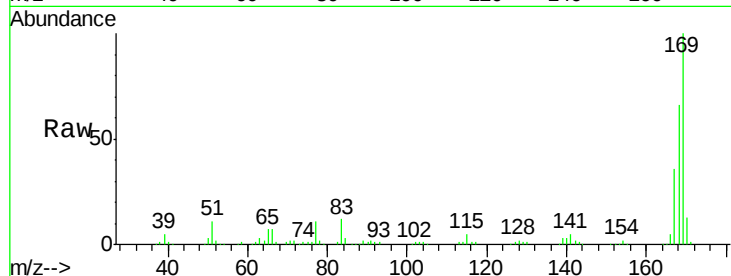
#65
 n-Nitrosodiphenylamine
 Concen: 40.50 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.9	80.9
167	35.7	28.9	43.3

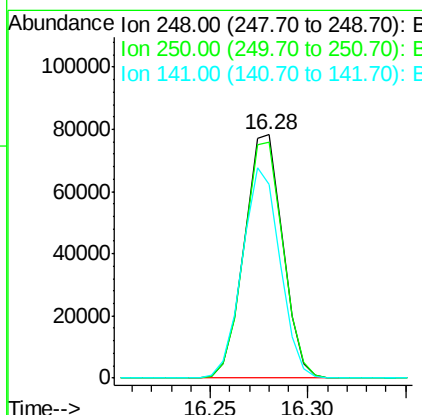
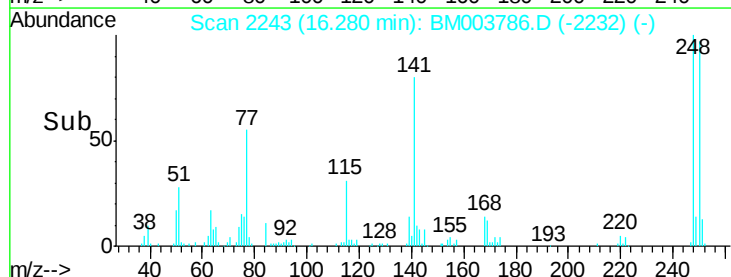
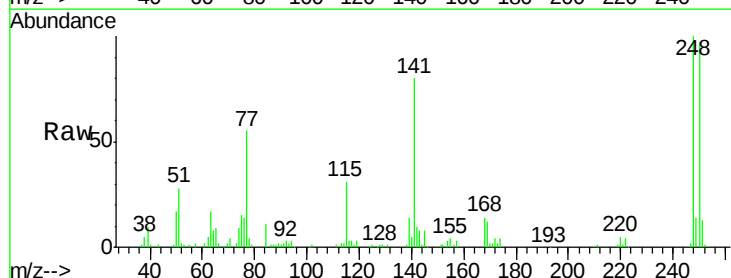
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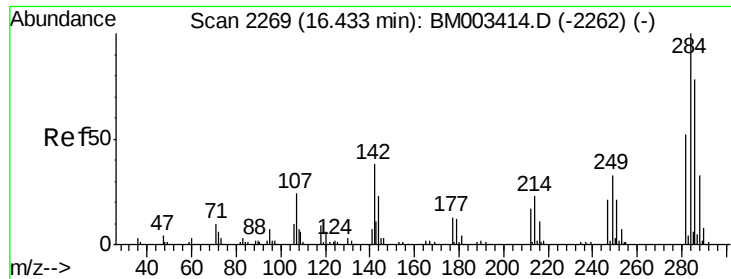
Sohil
 12/28/2015 6:00:36 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.40 ng
 RT: 16.28 min Scan# 2243
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.0
141	79.8	45.2	67.8





#67

Hexachlorobenzene

Concen: 38.77 ng

RT: 16.40 min Scan# 2263

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

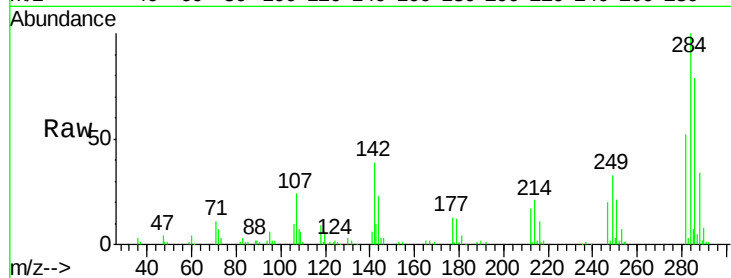
ClientSampleId :

PB87538BS

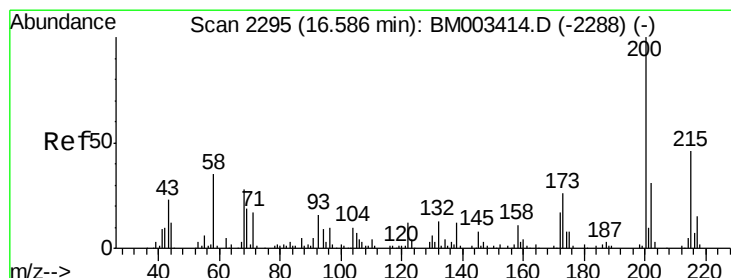
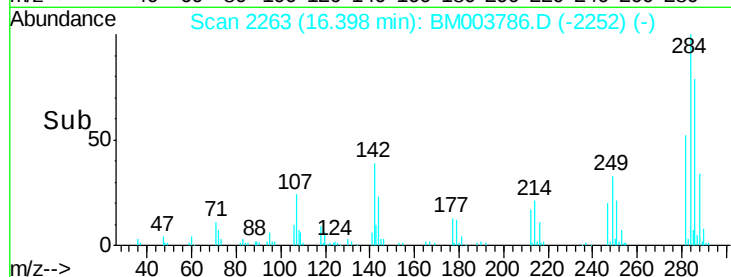
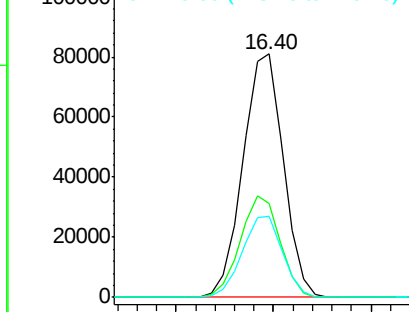
Tot Ion:	284	Resp:	116184
Ion Ratio		Lower	Upper
284	100		
142	38.6	20.4	30.6#
249	33.1	23.8	35.6

Manual Integrations
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12/28/2015 6:00:36 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.28 ng

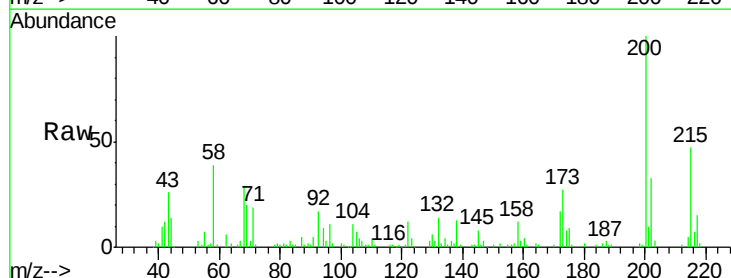
RT: 16.55 min Scan# 2289

Delta R.T. -0.04 min

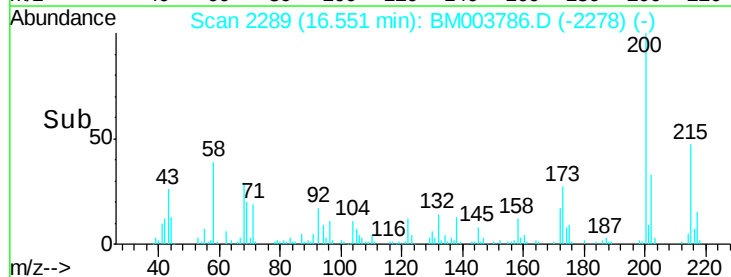
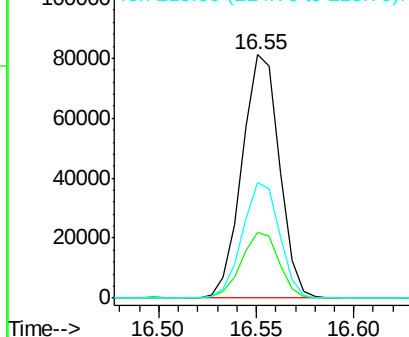
Lab File: BM003786.D

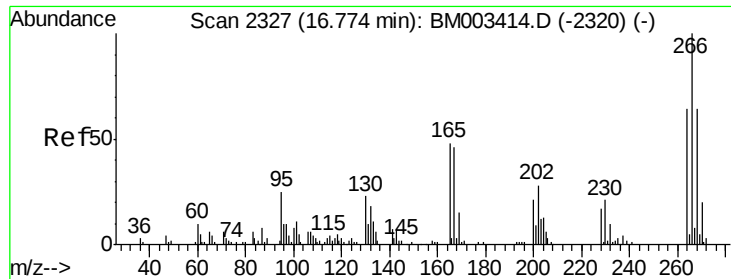
Acq: 24 Dec 2015 19:59

Tgt Ion:	200	Resp:	107843
Ion Ratio		Lower	Upper
200	100		
173	27.1	4.8	44.8
215	47.3	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





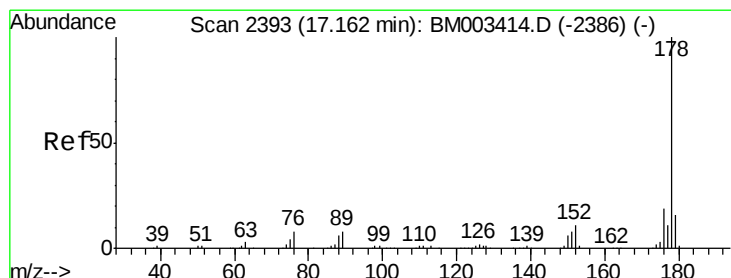
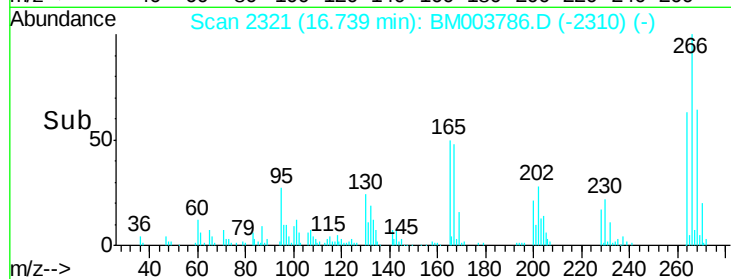
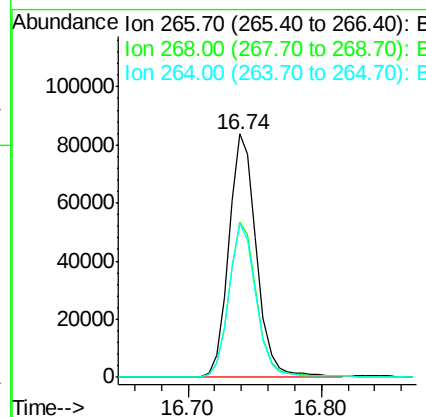
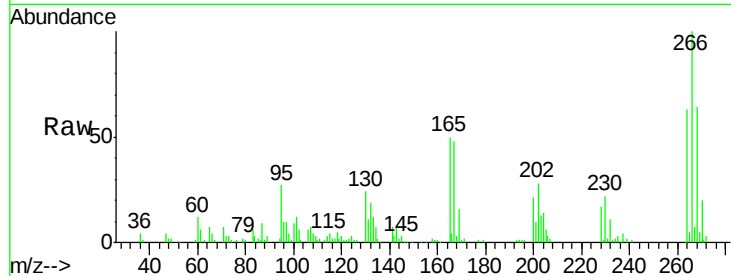
#69
 Pentachlorophenol
 Concen: 71.49 ng
 RT: 16.74 min Scan# 2321
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122291		
268	63.6	52.0	78.0	
264	63.3	49.0	73.4	

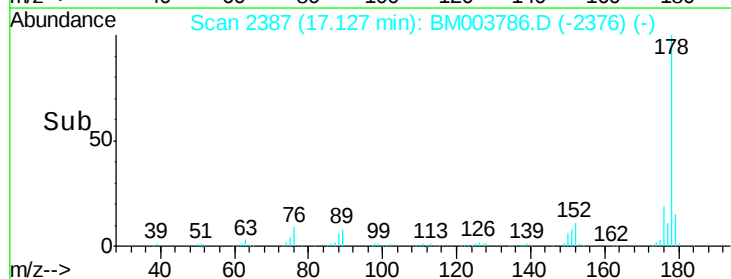
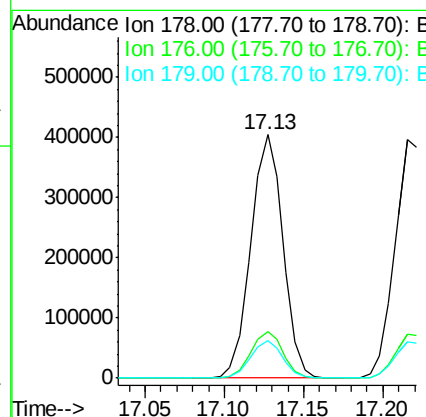
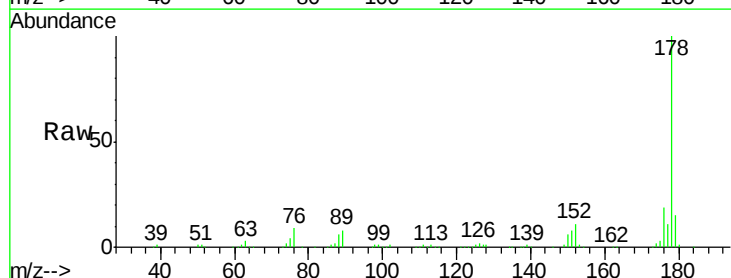
Manual Integrations
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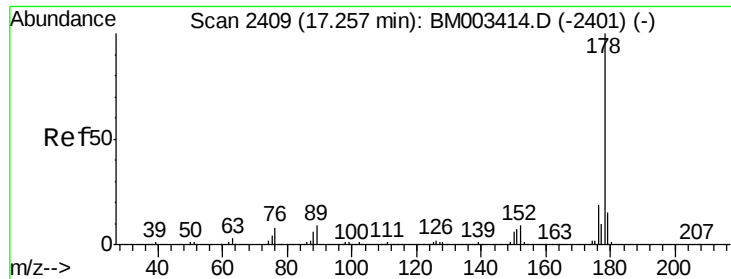
Sohil
 12/28/2015 6:00:36 PM



#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 17.13 min Scan# 2387
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	569351		
176	19.3	15.2	22.8	
179	15.3	12.1	18.1	





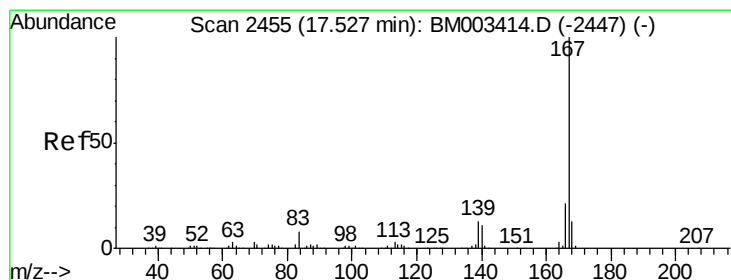
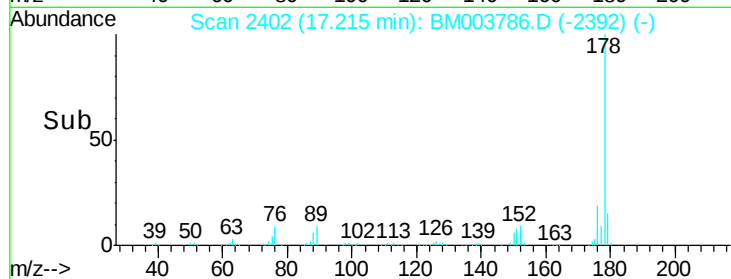
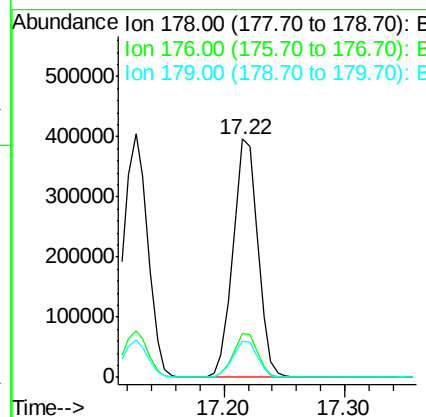
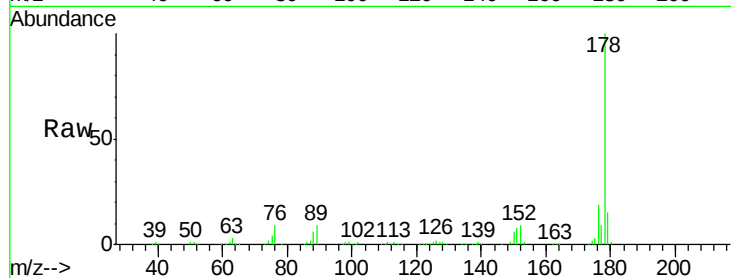
#71
 Anthracene
 Concen: 39.33 ng
 RT: 17.22 min Scan# 2402
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.4	12.6	19.0

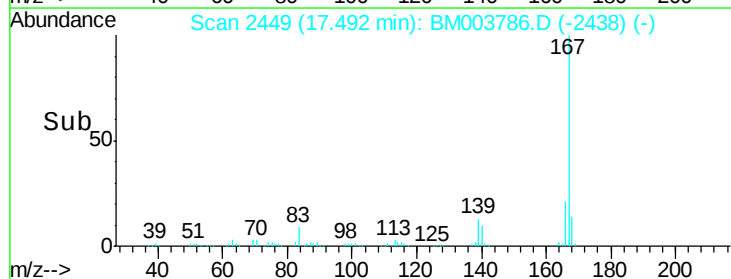
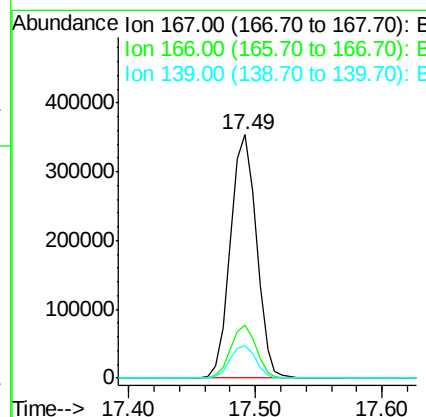
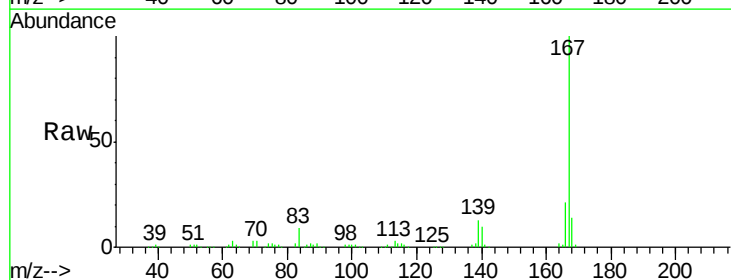
Manual Integrations
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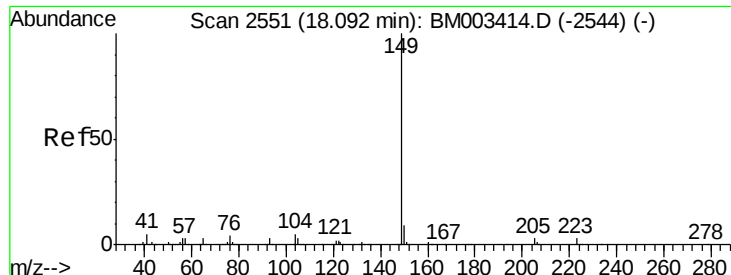
Sohil
 12/28/2015 6:00:36 PM



#72
 Carbazole
 Concen: 40.00 ng
 RT: 17.49 min Scan# 2449
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.5	10.8	16.2





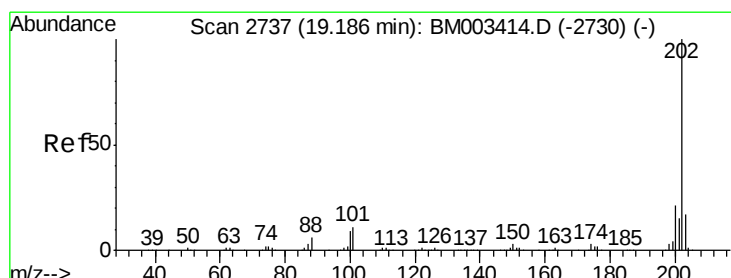
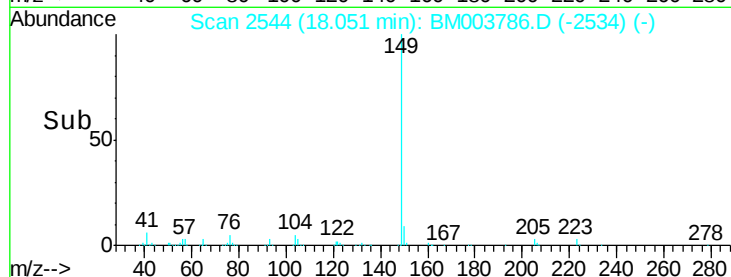
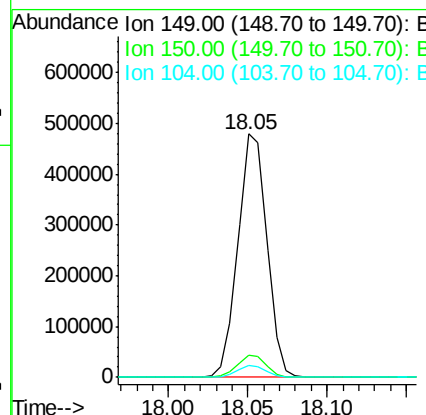
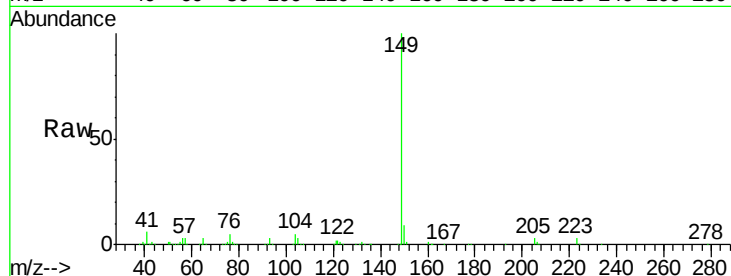
#73
Di-n-butylphthalate
Concen: 41.35 ng
RT: 18.05 min Scan# 2544
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	607331		
150	9.3	7.5	11.3	
104	5.1	3.7	5.5	

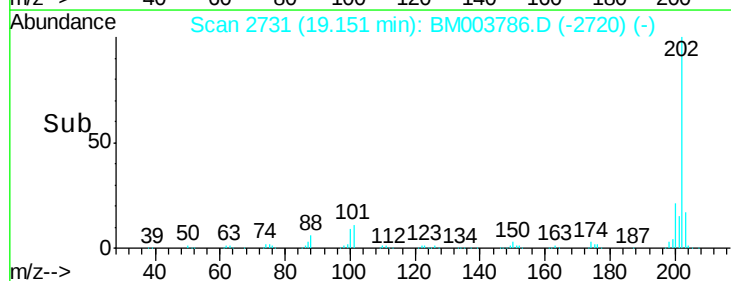
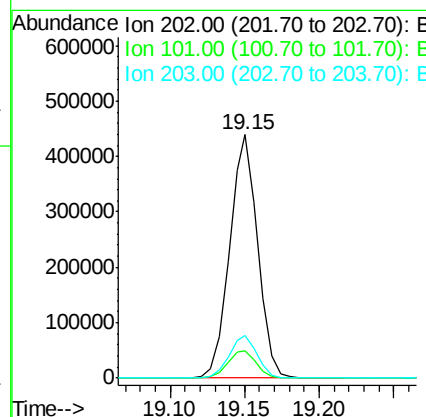
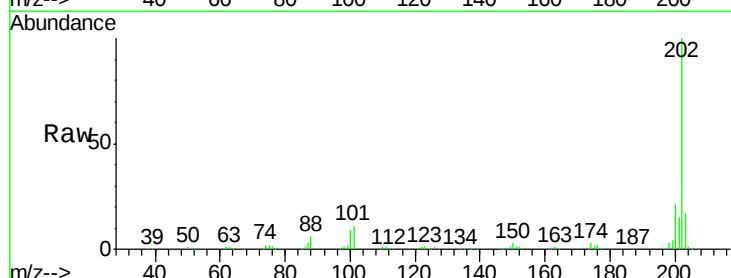
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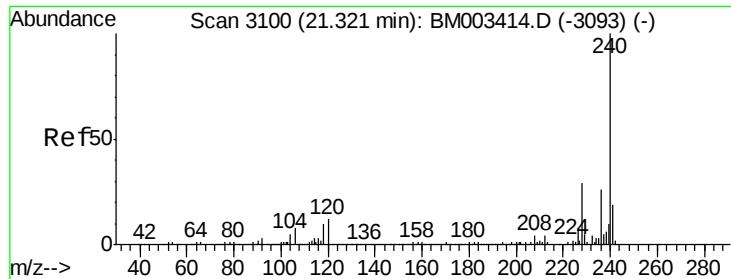
Sohil
12/28/2015 6:00:36 PM



#74
Fluoranthene
Concen: 38.53 ng
RT: 19.15 min Scan# 2731
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	576854		
101	11.4	0.0	28.7	
203	17.4	0.0	37.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Instrument :

BNA_M

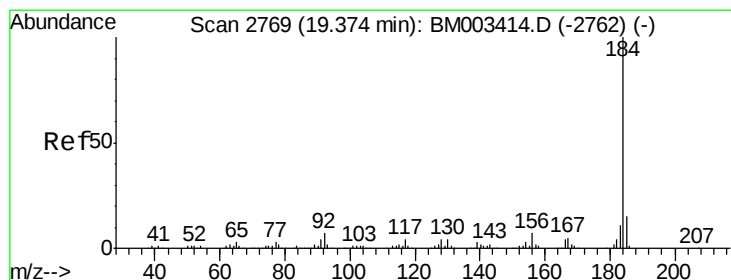
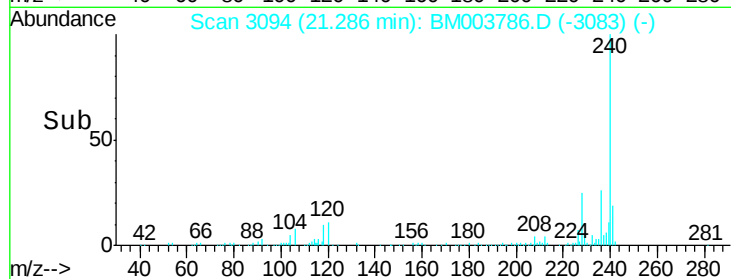
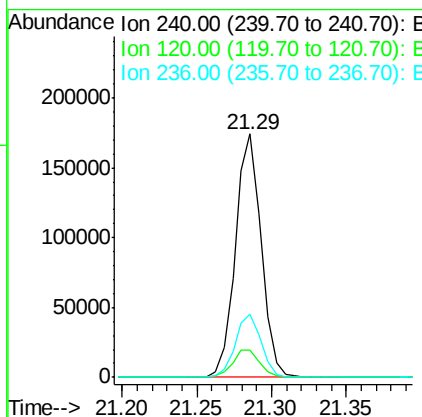
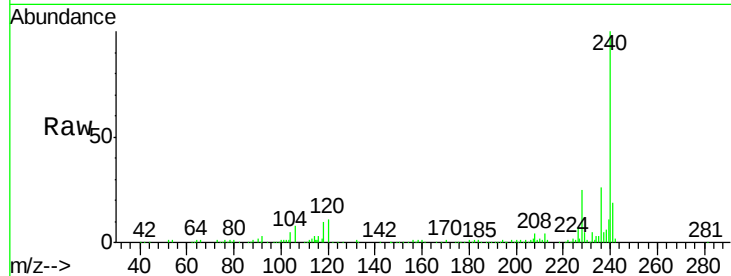
ClientSampleId :

PB87538BS

Tot Ion:	240	Resp:	209825
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.2	12.2
236	26.0	20.0	30.0

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Sohil
12/28/2015 6:00:36 PM



#76

Benzidine

Concen: 33.17 ng

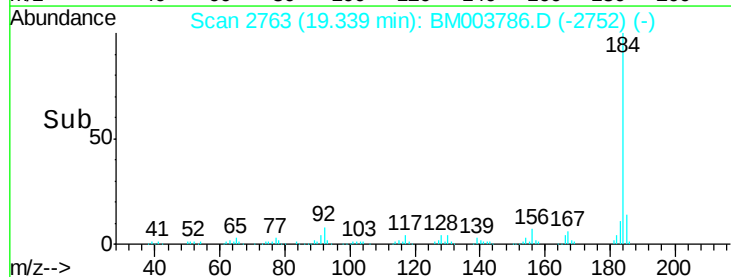
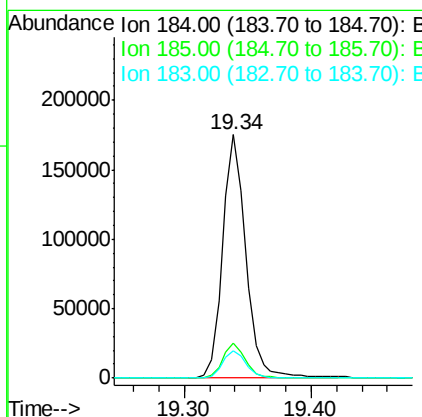
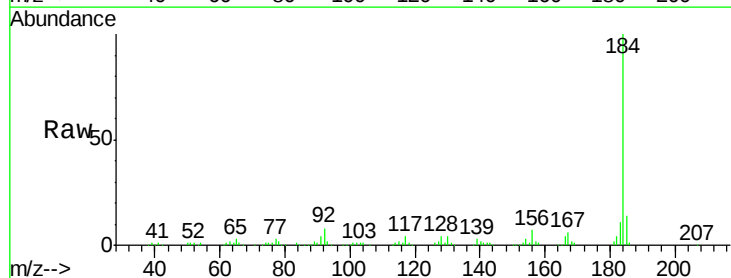
RT: 19.34 min Scan# 2763

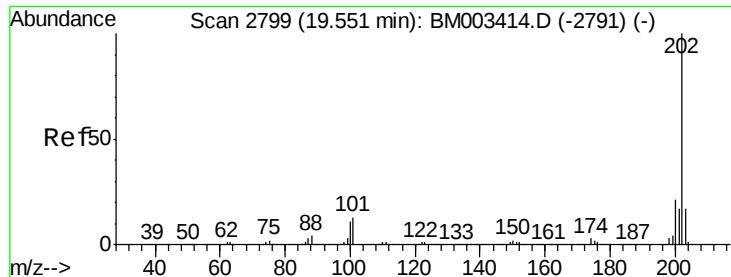
Delta R.T. -0.04 min

Lab File: BM003786.D

Acq: 24 Dec 2015 19:59

Tgt Ion:	184	Resp:	223000
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.3	16.9
183	11.3	8.9	13.3





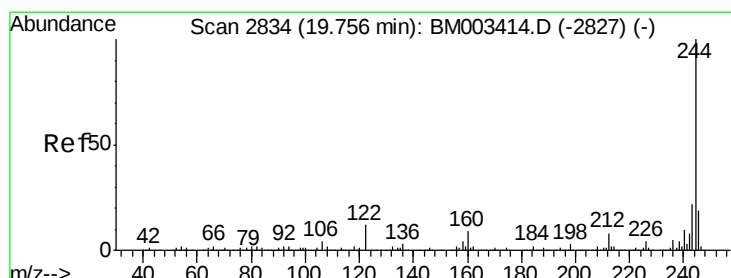
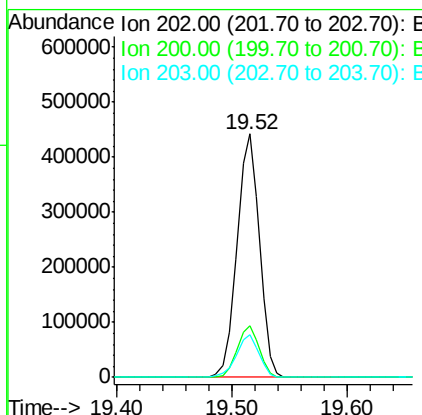
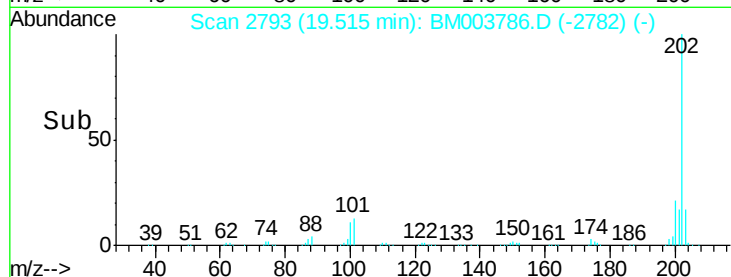
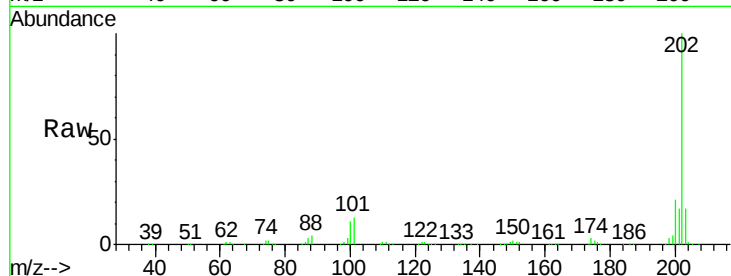
#77
Pvrene
Concen: 40.20 ng
RT: 19.52 min Scan# 2793
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	14.1	21.1

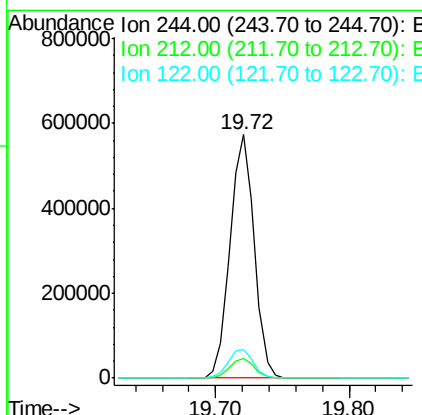
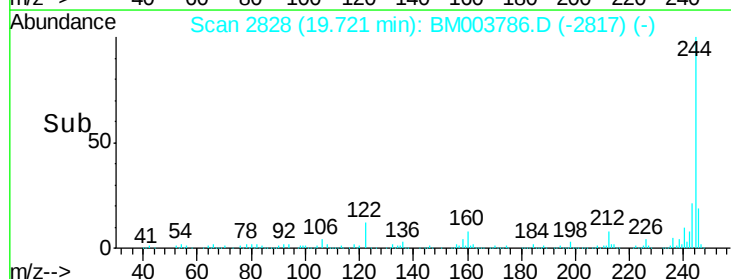
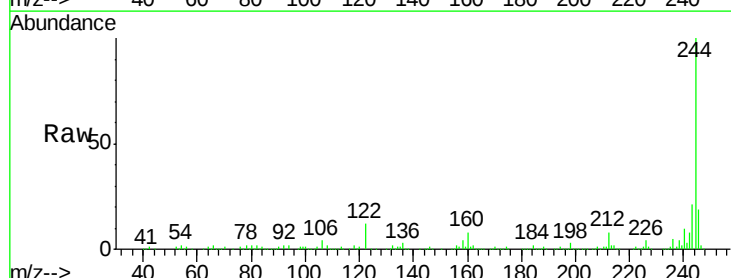
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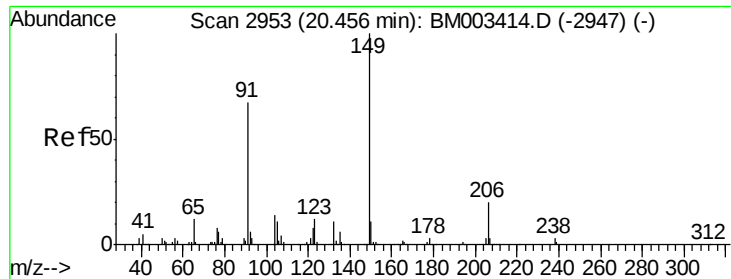
Sohil
12/28/2015 6:00:36 PM



#78
Terphenyl-d14
Concen: 81.68 ng
RT: 19.72 min Scan# 2828
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	12.0	6.2	9.4#





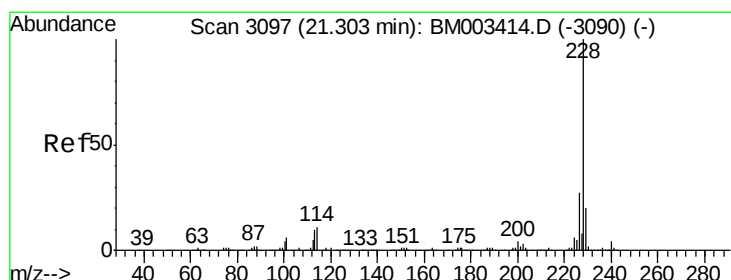
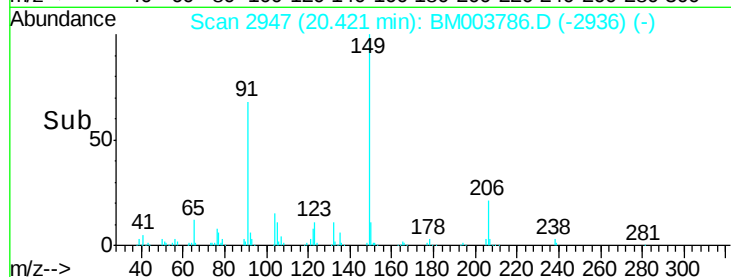
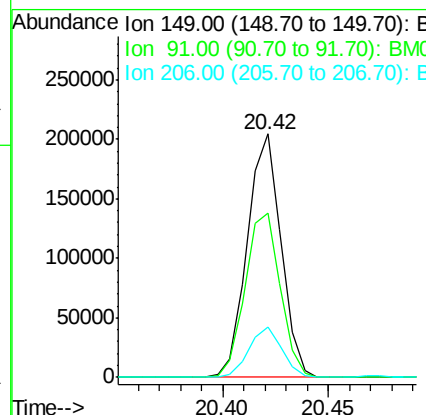
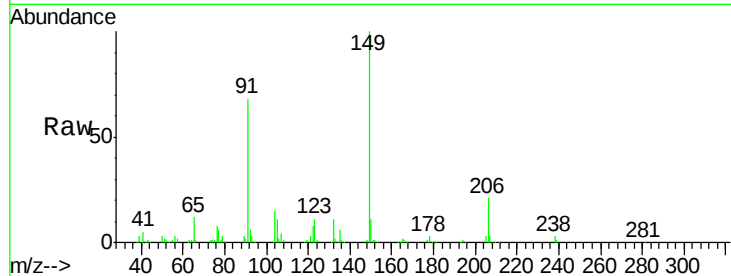
#79
Butylbenzylphthalate
Concen: 40.09 ng
RT: 20.42 min Scan# 2947
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampled :
PB87538BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227178		
91	67.5	50.1	75.1	
206	20.5	16.2	24.2	

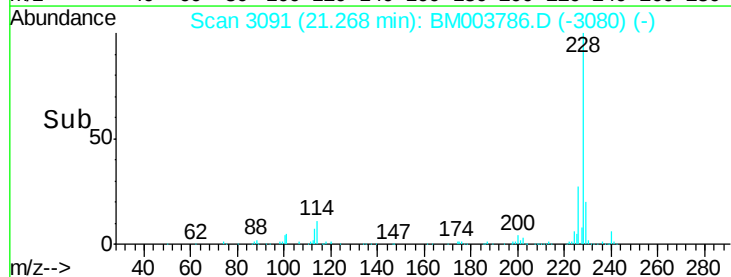
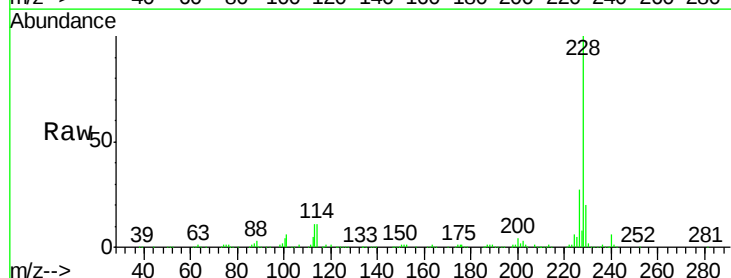
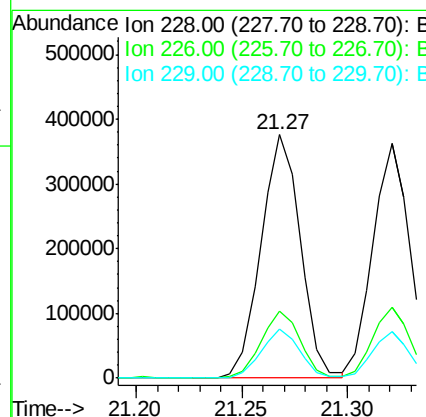
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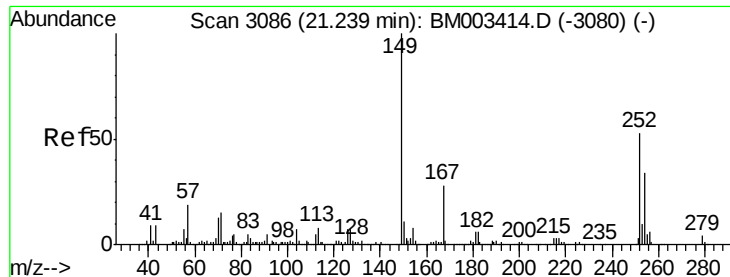
Sohil
12/28/2015 6:00:36 PM



#80
Benzo(a)anthracene
Concen: 38.75 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.04 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	487507		
226	27.5	21.7	32.5	
229	19.9	16.0	24.0	





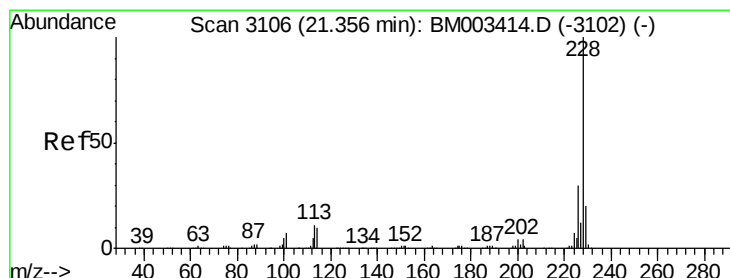
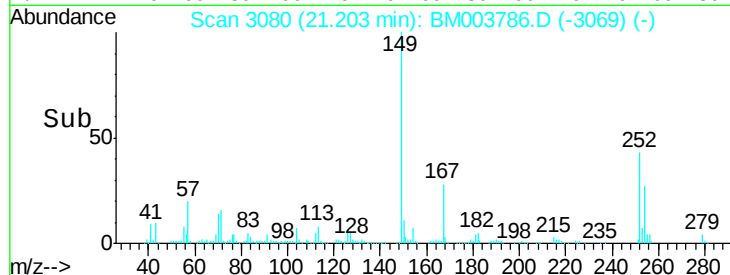
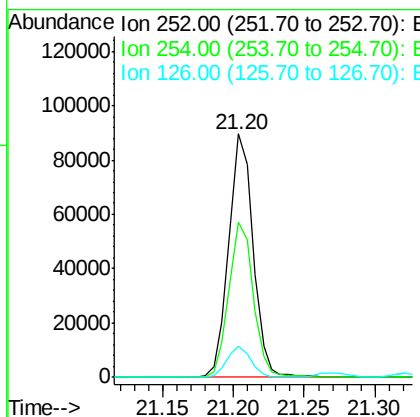
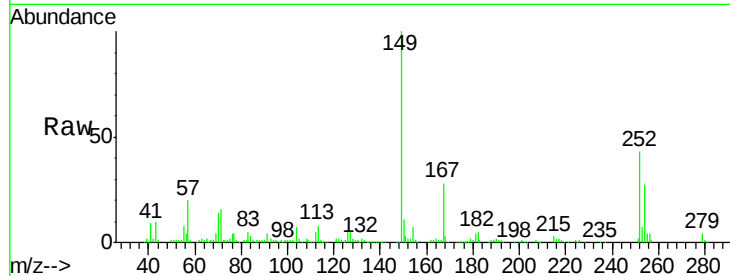
#81
 3,3'-Dichlorobenzidine
 Concen: 27.05 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	51.9	77.9
126	13.0	9.8	14.8

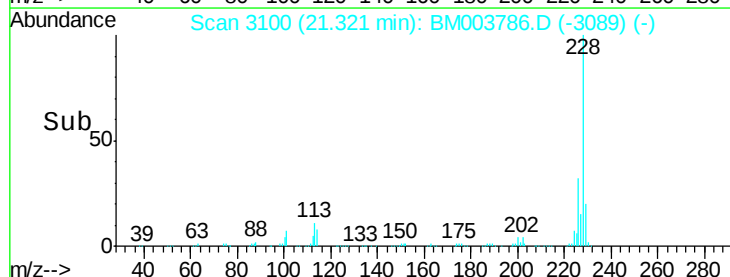
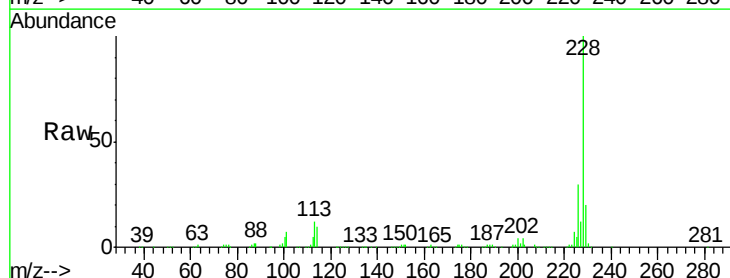
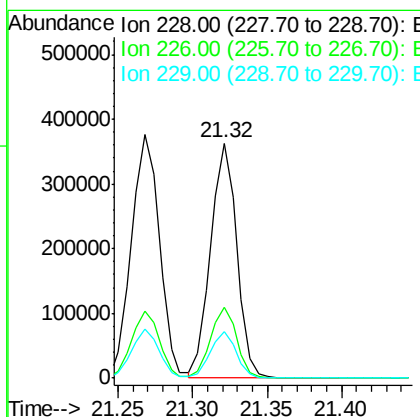
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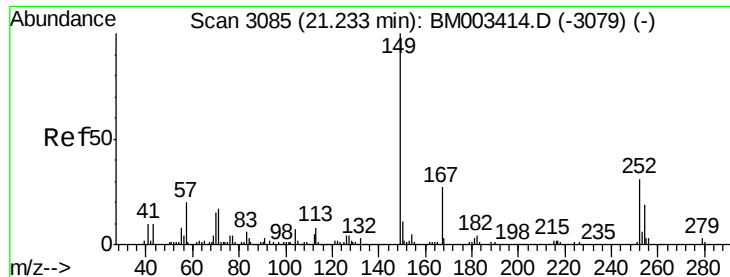
Sohil
 12/28/2015 6:00:36 PM



#82
 Chrysene
 Concen: 36.68 ng
 RT: 21.32 min Scan# 3100
 Delta R.T. -0.04 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.5	23.3





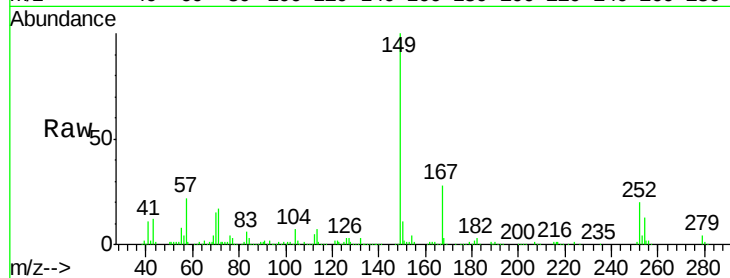
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.67 ng
 RT: 21.20 min Scan# 3079
 Delta R.T. -0.03 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

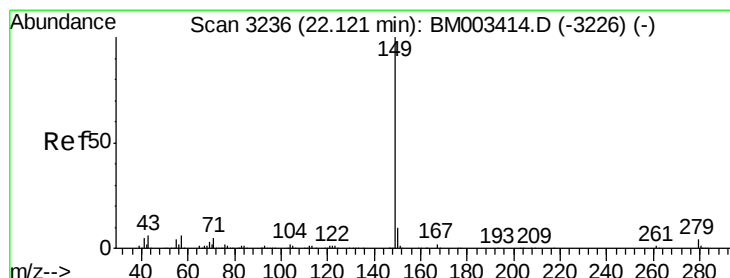
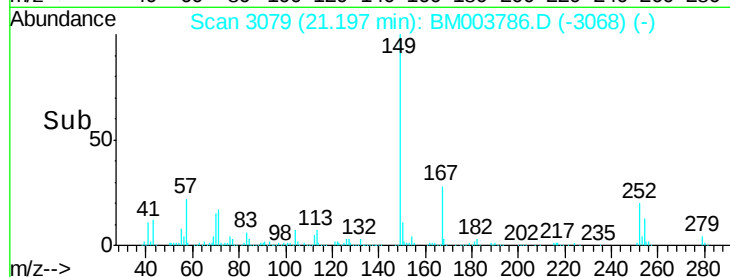
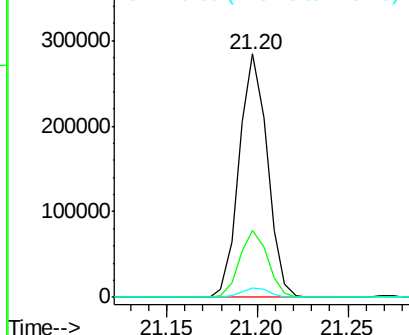
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.7	3.4	5.0

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Sohil
 12/28/2015 6:00:36 PM

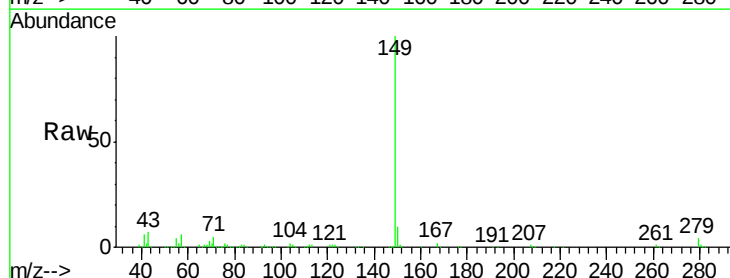


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

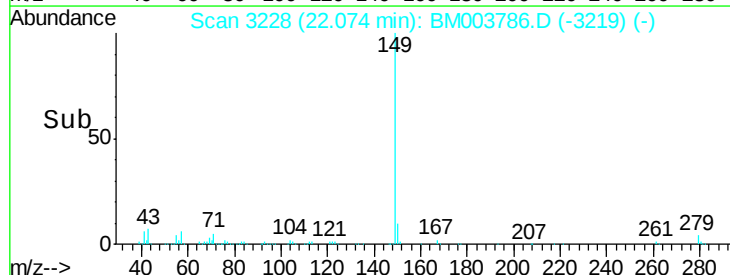
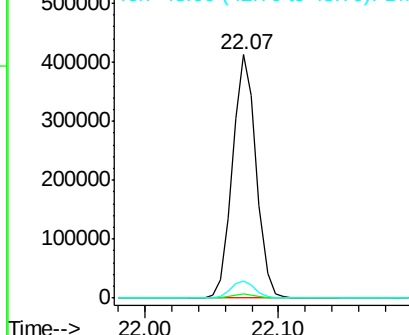


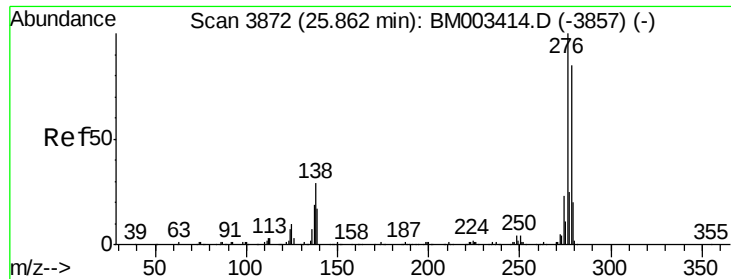
#84
 Di-n-octyl phthalate
 Concen: 39.80 ng
 RT: 22.07 min Scan# 3228
 Delta R.T. -0.05 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.3	7.3	10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





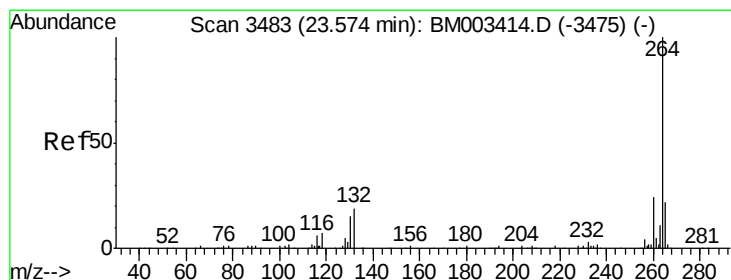
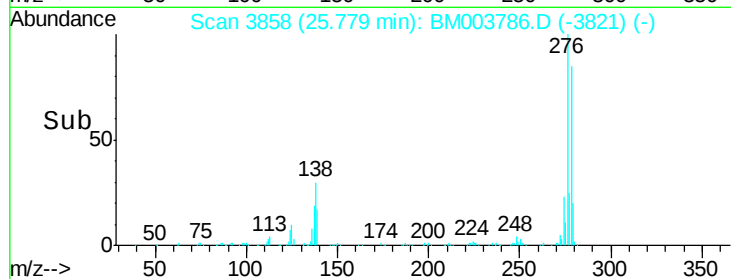
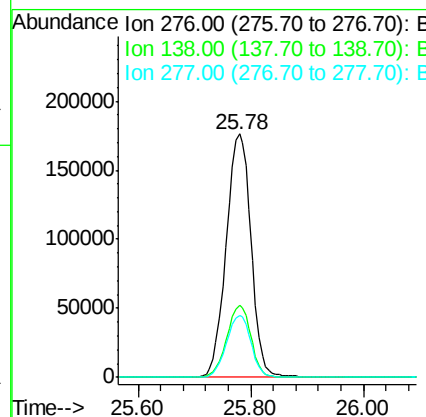
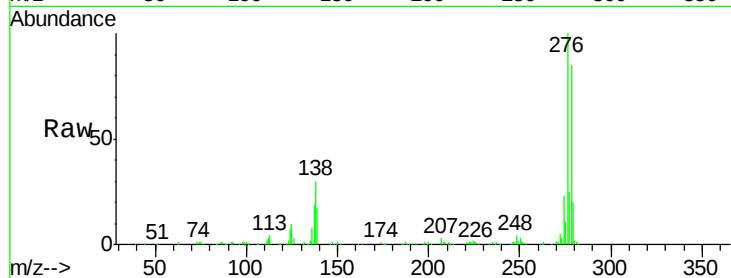
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.62 ng
RT: 25.78 min Scan# 3858
Delta R.T. -0.08 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	28.8	0.0	0.0#
277	25.1	0.0	0.0#

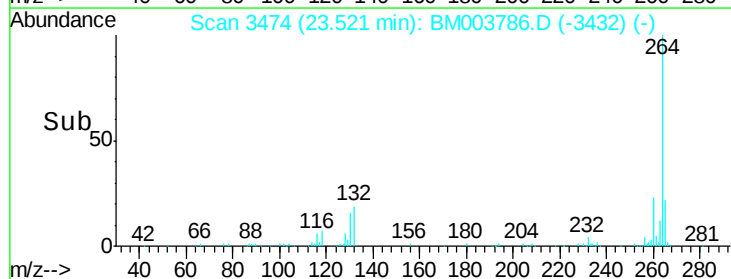
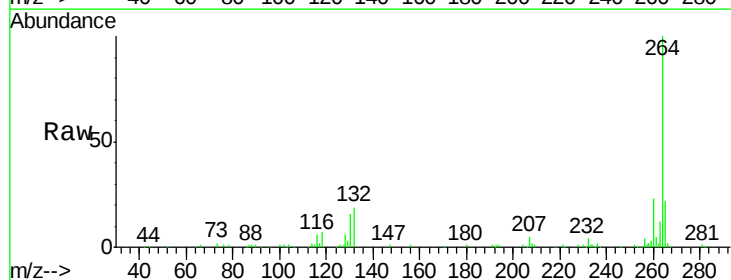
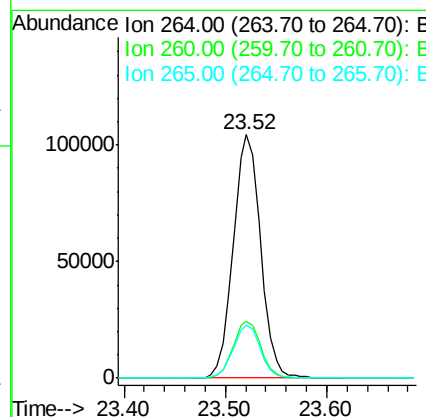
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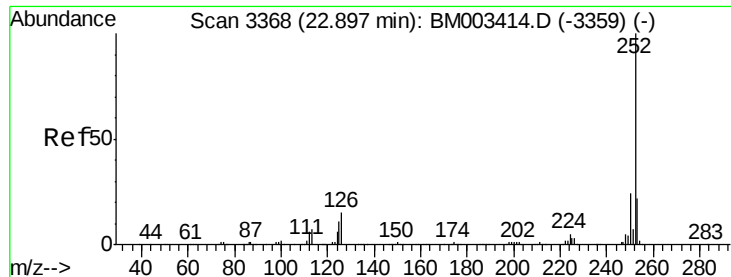
Sohil
12/28/2015 6:00:36 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3474
Delta R.T. -0.05 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.6	17.3	25.9





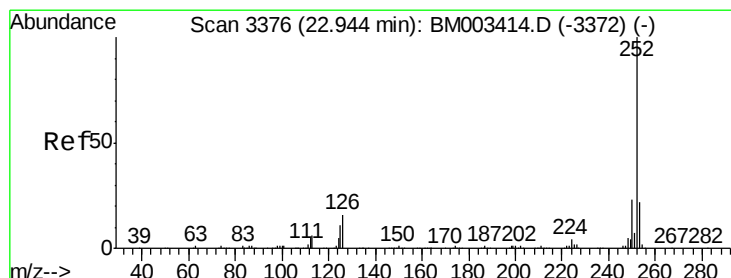
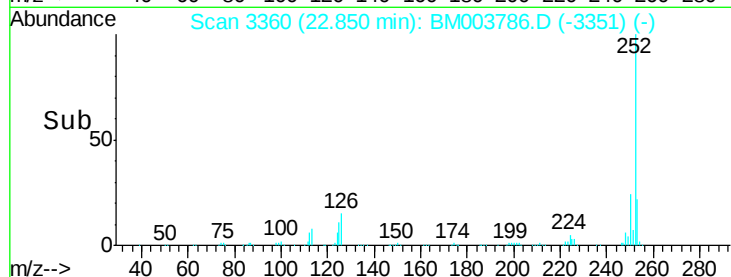
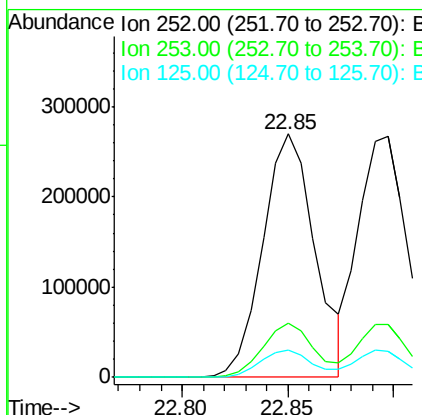
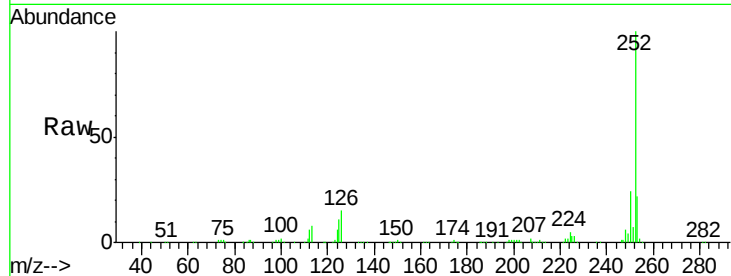
#87
Benzo(b)fluoranthene
Concen: 38.99 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	9.9	14.9

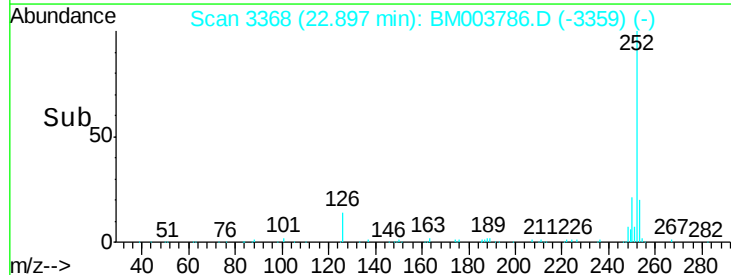
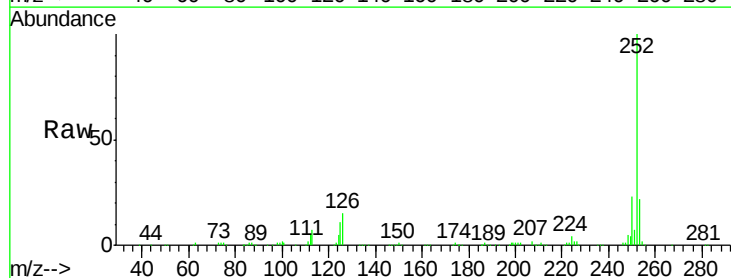
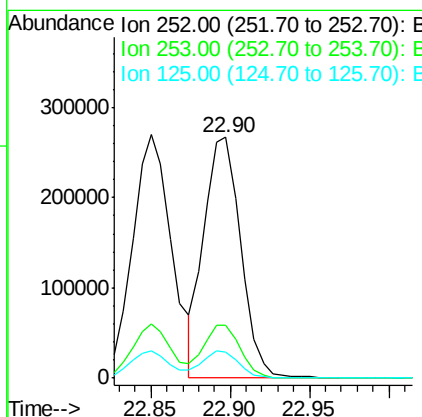
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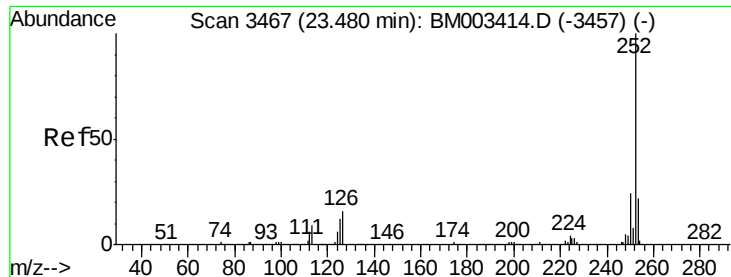
Sohil
12/28/2015 6:00:36 PM



#88
Benzo(k)fluoranthene
Concen: 36.97 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.05 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.6	8.1	12.1





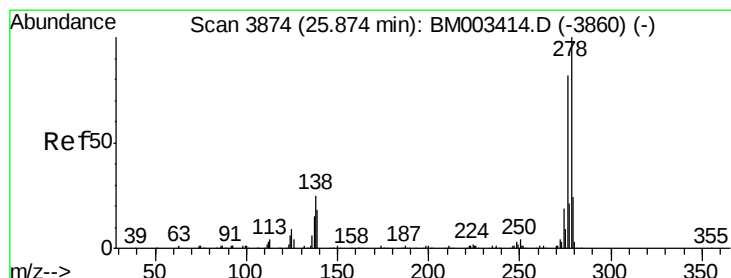
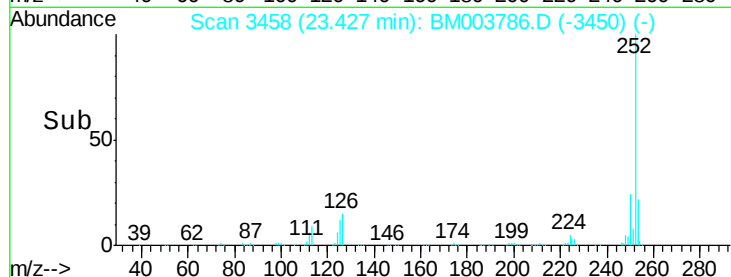
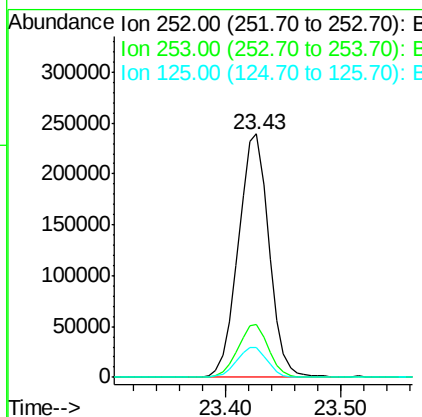
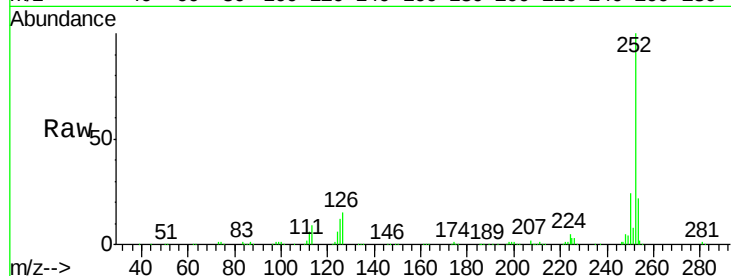
#89
Benzo(a)pyrene
Concen: 39.53 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.05 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	12.1	7.4	11.2

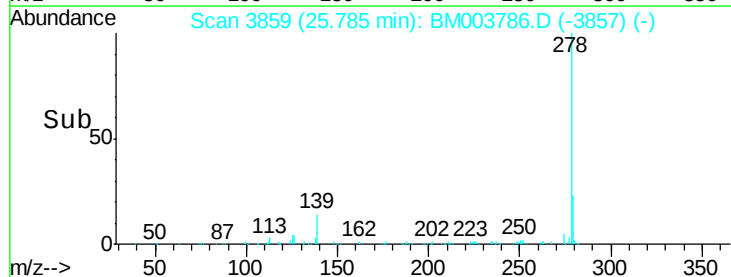
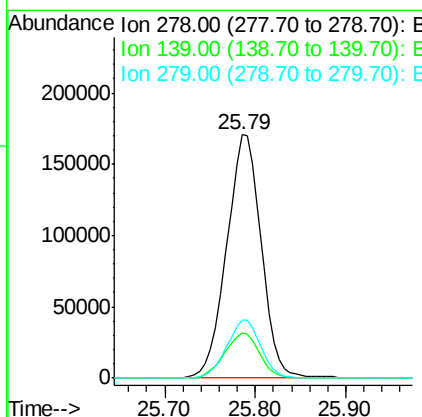
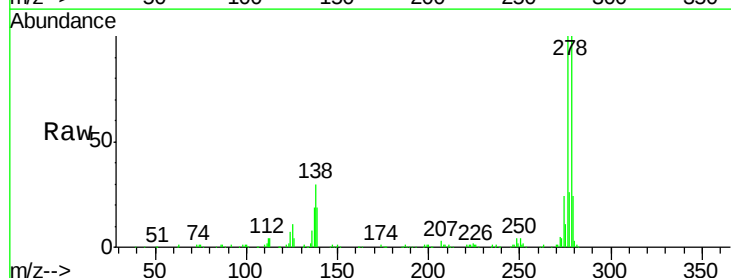
Manual Integrations
APPROVED

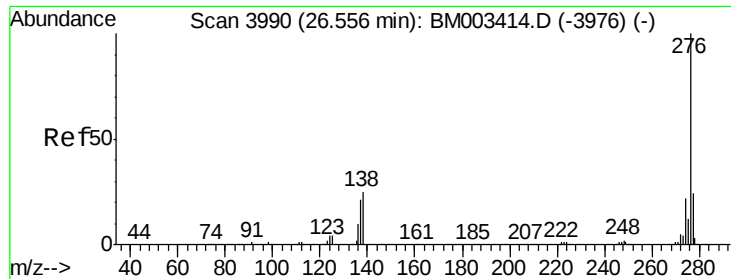
Sohil
12/28/2015 6:00:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.82 ng
RT: 25.79 min Scan# 3859
Delta R.T. -0.09 min
Lab File: BM003786.D
Acq: 24 Dec 2015 19:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.4	20.0
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.58 ng
 RT: 26.47 min Scan# 3975
 Delta R.T. -0.09 min
 Lab File: BM003786.D
 Acq: 24 Dec 2015 19:59

Instrument :
 BNA_M
 ClientSampleId :
 PB87538BS

Tot Ion:	276	Resp:	458661
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.5	27.7
138	25.1	19.0	28.6

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