

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011008.D
 Acq On : 27 Jul 2017 13:36
 Operator : SJ/JU
 Sample : I4419-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Manual Integrations
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 7/28/2017 4:44:59 PM

Quant Time: Jul 28 03:18:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	211572	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	882197	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	638628	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1718417	20.00	ng	0.00
75) Chrysene-d12	21.03	240	2033977	20.00	ng	0.00
86) Perylene-d12	23.14	264	1618948	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1646012	131.51	ng	0.00
7) Phenol-d6	6.59	99	2348110	132.04	ng	0.00
23) Nitrobenzene-d5	8.54	82	1867430	79.45	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1360647	132.93	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4056737	79.67	ng	0.00
78) Terphenyl-d14	19.47	244	7174537	69.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	171447	30.509	ng	# 100
3) Pyridine	3.40	79	443901	28.920	ng	# 88
4) n-Nitrosodimethylamine	3.33	42	291733	37.296	ng	# 78
6) Aniline	6.74	93	848852	37.874	ng	# 89
8) 2-Chlorophenol	6.96	128	507142	39.911	ng	# 85
9) Benzaldehyde	6.55	77	218306	18.974	ng	# 79
10) Phenol	6.62	94	895290	46.353	ng	# 99
11) bis(2-Chloroethyl)ether	6.84	93	551667	36.657	ng	# 94
12) 1,3-Dichlorobenzene	7.28	146	559181	36.109	ng	# 83
13) 1,4-Dichlorobenzene	7.42	146	575441	36.251	ng	# 90
14) 1,2-Dichlorobenzene	7.73	146	556351	36.658	ng	# 91
15) Benzyl Alcohol	7.64	79	712847	41.787	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.93	45	534606	39.476	ng	# 80
17) 2-Methylphenol	7.84	107	530158	42.947	ng	# 76
18) Hexachloroethane	8.45	117	247879	35.808	ng	# 82
19) n-Nitroso-di-n-propylamine	8.20	70	598967	39.637	ng	# 92
20) 3+4-Methylphenols	8.17	107	716573	41.759	ng	# 85
22) Acetophenone	8.21	105	995459	37.643	ng	# 97
24) Nitrobenzene	8.58	77	917317	37.661	ng	# 88
25) Isophorone	9.10	82	1562983	39.881	ng	# 88
26) 2-Nitrophenol	9.28	139	292715	37.769	ng	# 27
27) 2,4-Dimethylphenol	9.35	122	556611	40.797	ng	# 75
28) bis(2-Chloroethoxy)methane	9.59	93	875690	40.062	ng	# 98
29) 2,4-Dichlorophenol	9.81	162	633968	41.352	ng	# 95
30) 1,2,4-Trichlorobenzene	10.02	180	697111	36.775	ng	# 99
31) Naphthalene	10.20	128	1685233	37.973	ng	# 99
32) Benzoic acid	9.47	122	173107	15.785	ng	# 63
33) 4-Chloroaniline	10.32	127	572426	32.332	ng	# 77
34) Hexachlorobutadiene	10.49	225	544505	36.470	ng	# 97
35) Caprolactam	11.11	113	189208m	43.519	ng	# 73
36) 4-Chloro-3-methylphenol	11.46	107	800991	40.462	ng	# 85
37) 2-Methylnaphthalene	11.82	142	1372057	42.084	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	968665	35.304	ng	# 99
40) Hexachlorocyclopentadiene	12.19	237	1418663	88.735	ng	# 99

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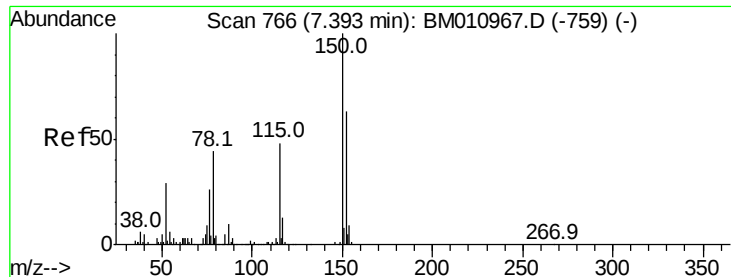
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	639297	38.496	nq	99
43) 2,4,5-Trichlorophenol	12.53	196	690858	40.391	nq	# 88
45) 1,1'-Biphenyl	12.87	154	1937316	35.083	nq	99
46) 2-Chloronaphthalene	12.90	162	1522049	37.409	nq	94
47) 2-Nitroaniline	13.13	65	612437	42.549	nq	# 74
48) Acenaphthylene	13.76	152	2352828	38.749	nq	99
49) Dimethylphthalate	13.53	163	2660945	48.707	nq	# 98
50) 2,6-Dinitrotoluene	13.64	165	452758	40.982	nq	# 62
51) Acenaphthene	14.12	154	1452828	38.643	nq	99
52) 3-Nitroaniline	13.97	138	407206	42.476	nq	# 48
53) 2,4-Dinitrophenol	14.18	184	543884	69.272	nq	# 86
54) Dibenzofuran	14.45	168	2513404	41.259	nq	# 88
55) 4-Nitrophenol	14.29	139	710082	84.305	nq	97
56) 2,4-Dinitrotoluene	14.43	165	659530	42.525	nq	# 93
57) Fluorene	15.10	166	2122851	40.024	nq	97
58) 2,3,4,6-Tetrachlorophenol	14.69	232	724083	45.164	nq	# 100
59) Diethylphthalate	14.91	149	2246611	40.266	nq	99
60) 4-Chlorophenyl-phenylether	15.11	204	1244814	38.873	nq	98
61) 4-Nitroaniline	15.15	138	446908	43.888	nq	# 1
62) Azobenzene	15.40	77	2615494	43.801	nq	87
64) 4,6-Dinitro-2-methylphenol	15.20	198	436456	37.517	nq	94
65) n-Nitrosodiphenylamine	15.33	169	1888425	38.399	nq	98
66) 4-Bromophenyl-phenylether	16.01	248	854202	38.667	nq	# 93
67) Hexachlorobenzene	16.11	284	887162	35.539	nq	# 86
68) Atrazine	16.30	200	789440	40.057	nq	97
69) Pentachlorophenol	16.46	266	1156395	72.967	nq	97
70) Phenanthrene	16.84	178	3575935	39.741	nq	100
71) Anthracene	16.94	178	3662487	40.813	nq	100
72) Carbazole	17.22	167	3141704	40.032	nq	99
73) Di-n-butylphthalate	17.80	149	3743009	39.165	nq	# 97
74) Fluoranthene	18.88	202	4669966	41.881	nq	98
76) Benzidine	19.09	184	2241847	46.073	nq	99
77) Pyrene	19.24	202	4635049	38.352	nq	100
79) Butylbenzylphthalate	20.18	149	1784408	41.521	nq	# 68
80) Benzo(a)anthracene	21.01	228	4562402	39.284	nq	100
81) 3,3'-Dichlorobenzidine	20.96	252	1649922	36.214	nq	# 96
82) Chrysene	21.06	228	4228248	37.928	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2470950	39.083	nq	# 98
84) Di-n-octyl phthalate	21.82	149	3872760	37.742	nq	99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3652741	31.637	nq	97
87) Benzo(b)fluoranthene	22.52	252	4289240	41.280	nq	# 92
88) Benzo(k)fluoranthene	22.56	252	3879611	38.956	nq	# 94
89) Benzo(a)pyrene	23.05	252	3741304	39.792	nq	# 95
90) Dibenzo(a,h)anthracene	25.23	278	3037508	34.849	nq	# 91
91) Benzo(g,h,i)perylene	25.84	276	2907260	33.968	nq	# 85

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



#1

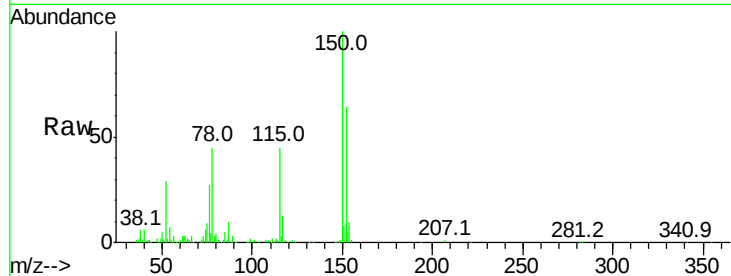
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
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FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	119.5	179.3
115	70.9	43.0	64.4

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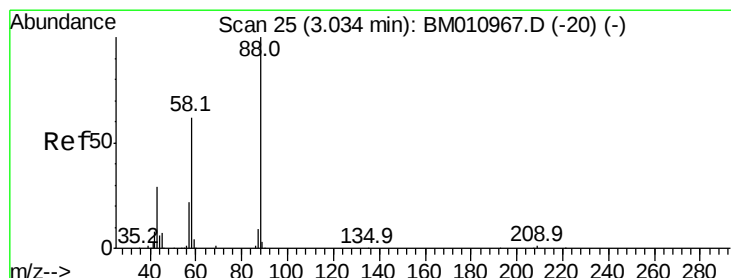
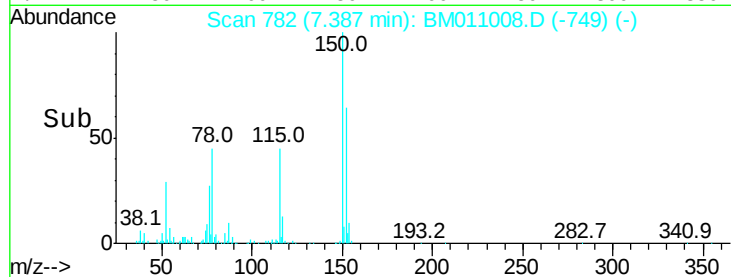
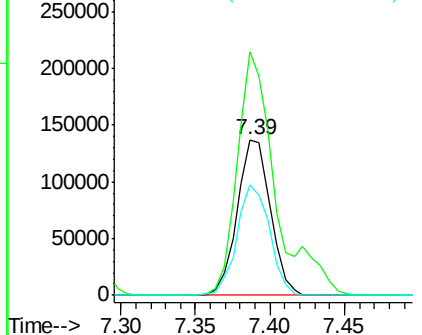


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

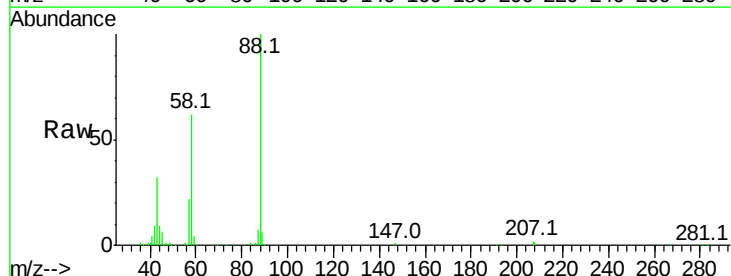
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.509 ng
RT: 3.03 min Scan# 42
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	0.0	0.0
43	29.3	0.0	0.0

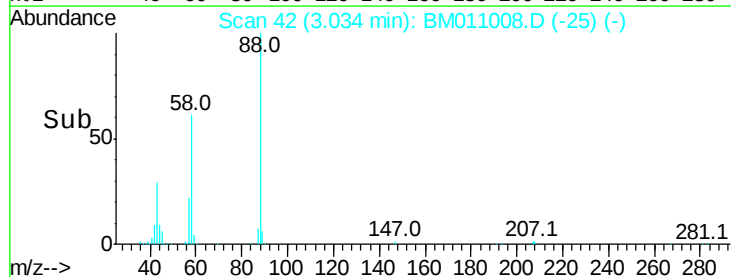
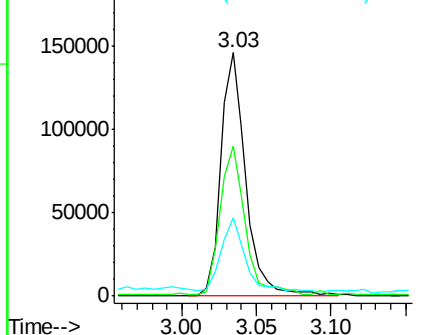


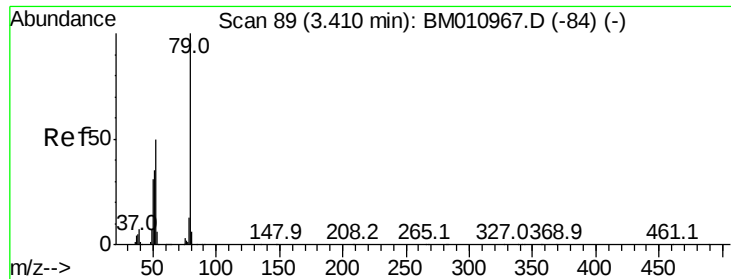
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 28.920 ng

RT: 3.40 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

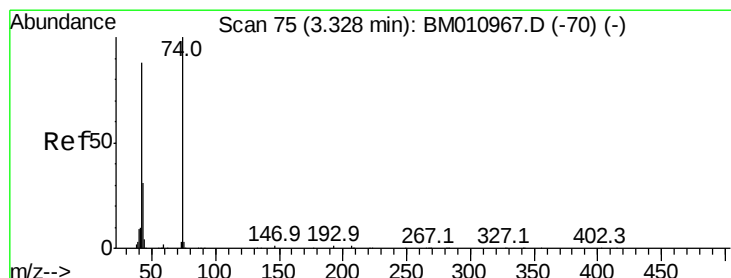
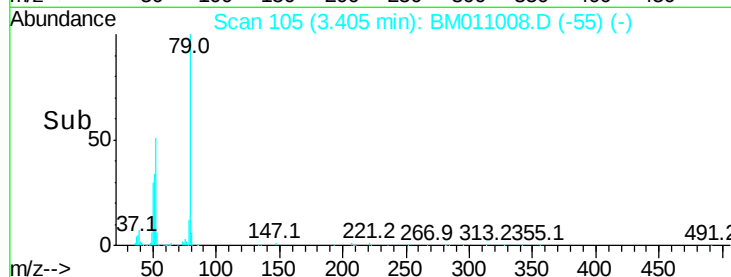
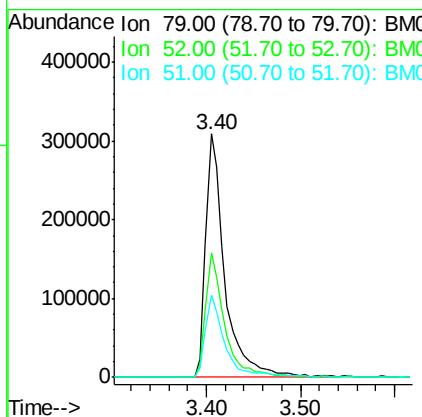
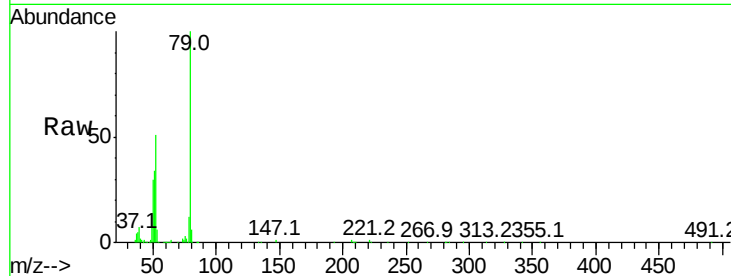
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:	79	Resp:	443901
Ion Ratio	Lower	Upper	
79	100		
52	51.1	51.1	76.7
51	34.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.296 ng

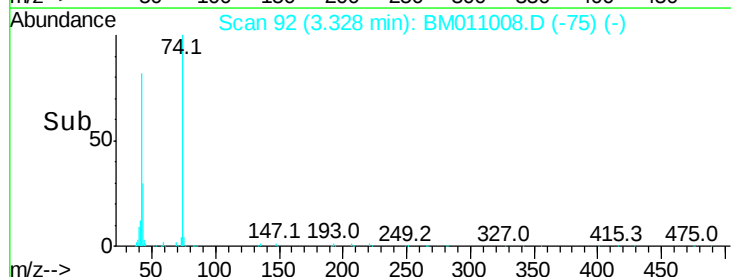
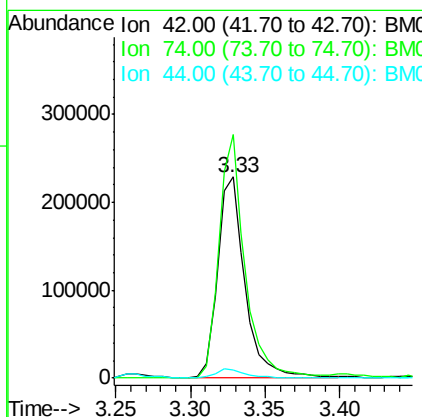
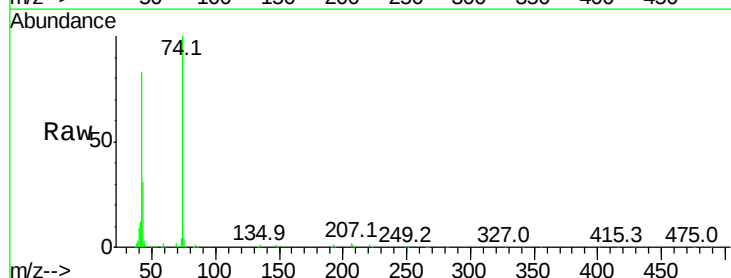
RT: 3.33 min Scan# 92

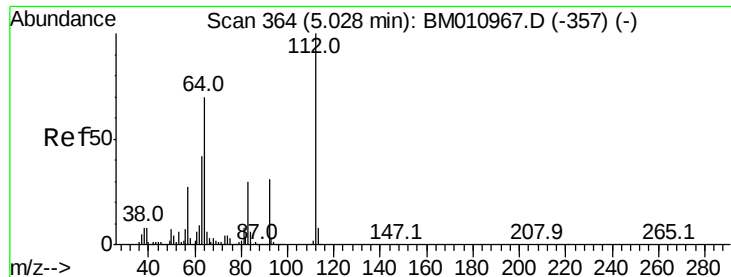
Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion:	42	Resp:	291733
Ion Ratio	Lower	Upper	
42	100		
74	121.1	119.3	178.9
44	3.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 131.515 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

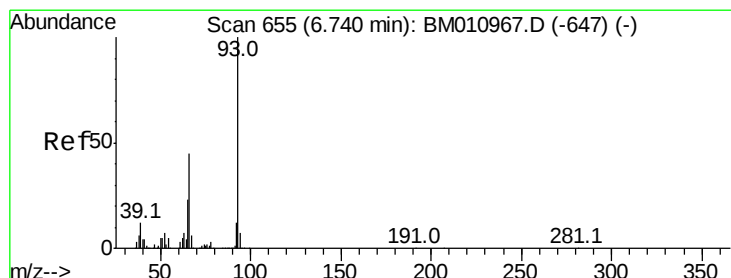
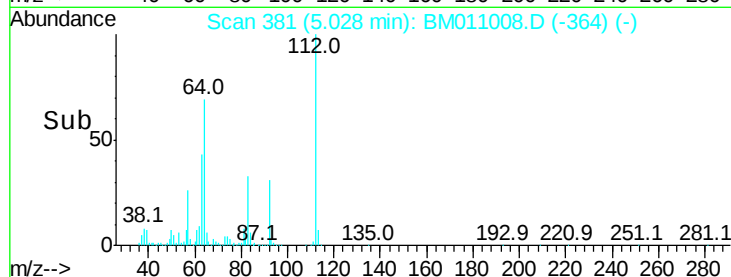
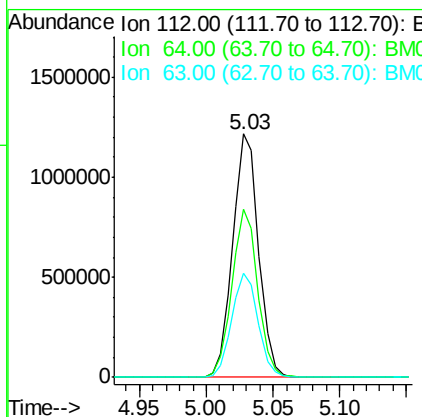
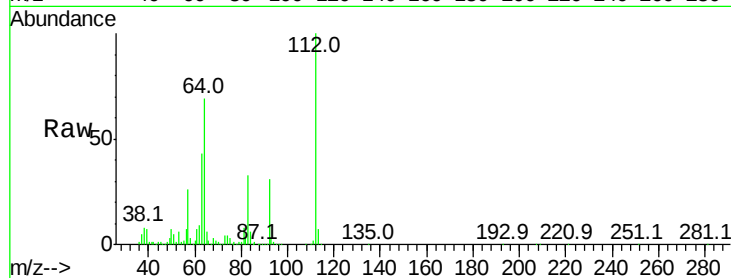
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:	112	Resp:	1646012
Ion	Ratio	Lower	Upper
112	100		
64	68.8	38.6	57.8#
63	42.8	19.3	28.9#

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#6

Aniline

Concen: 37.874 ng

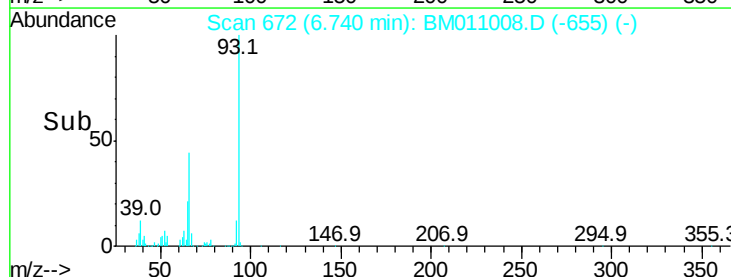
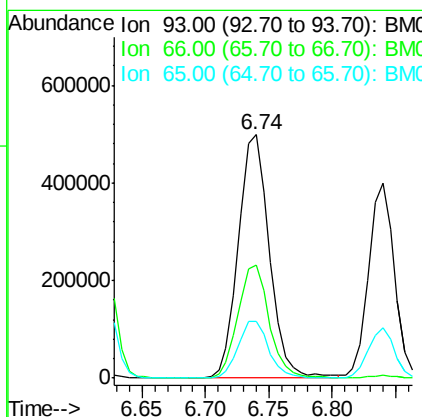
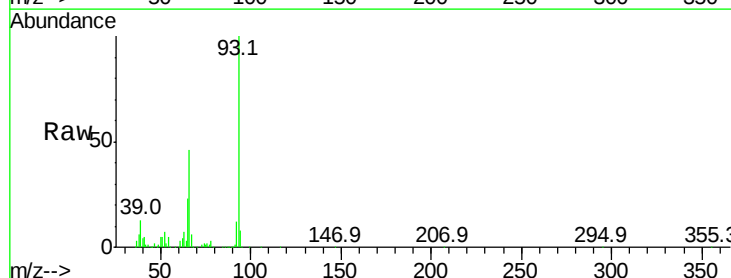
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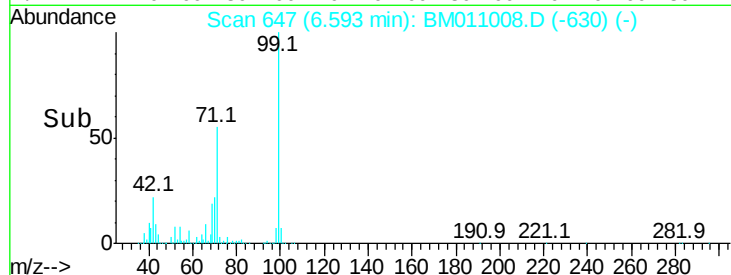
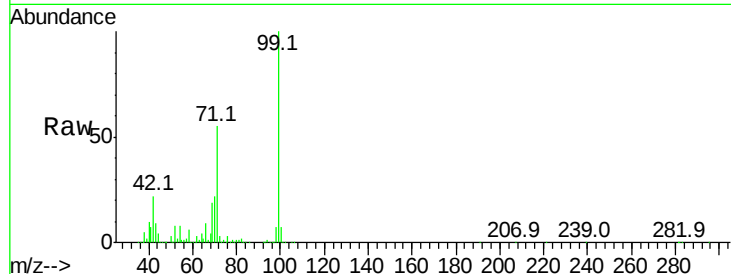
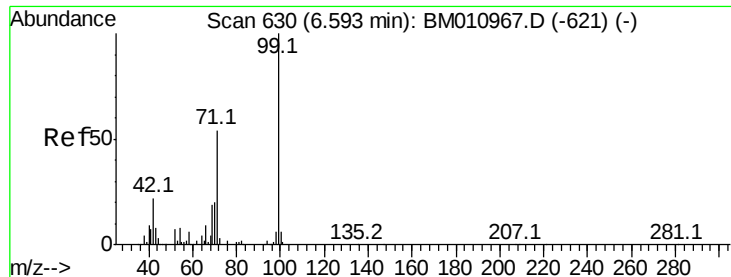
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	848852
Ion	Ratio	Lower	Upper
93	100		
66	46.5	30.8	46.2#
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 132.045 ng

RT: 6.59 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.8	11.0	16.4#
71	55.1	23.4	35.2#

Instrument :

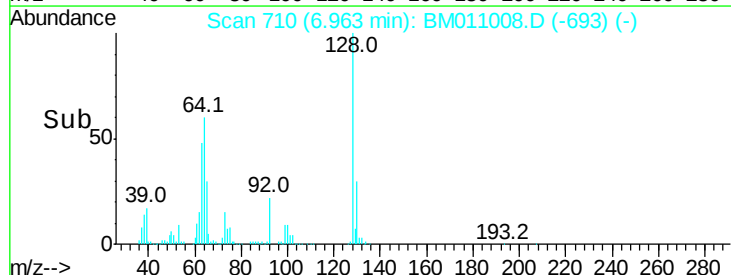
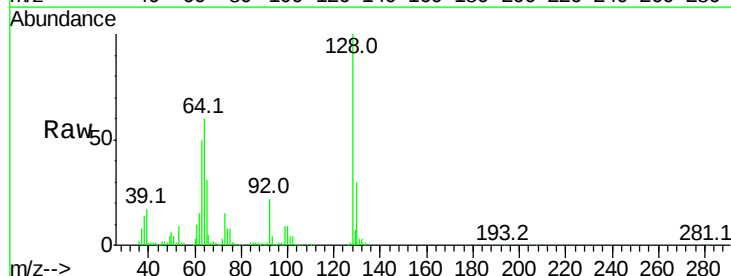
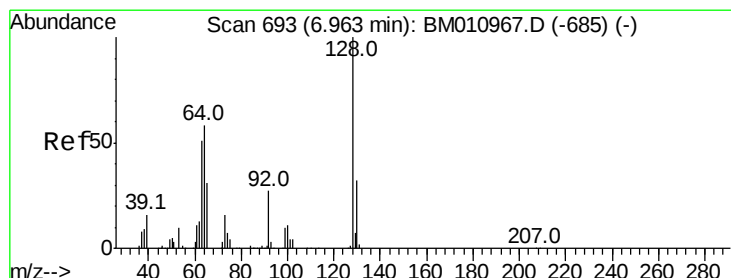
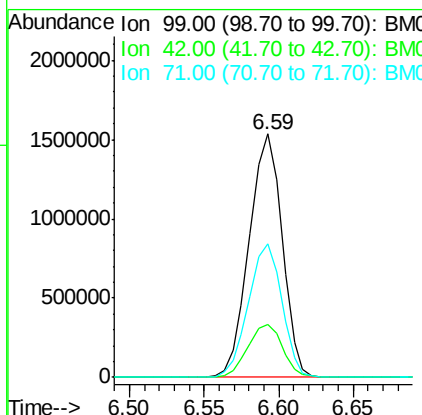
BNA_M

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FK-BPM-01-A7-A8-B7-B8MSD

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#8

2-Chlorophenol

Concen: 39.911 ng

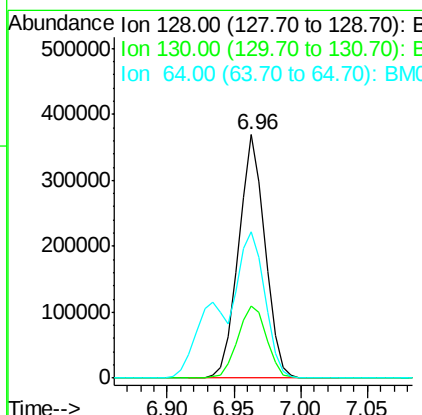
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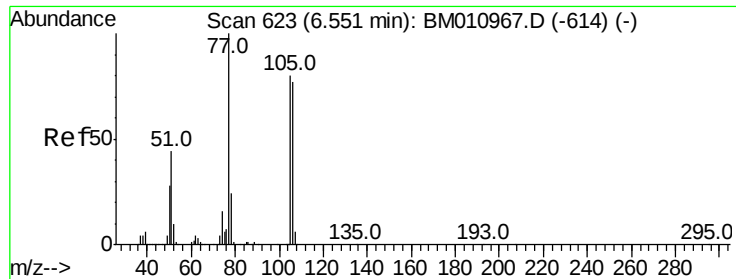
Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
128	100		
130	29.5	12.0	52.0
64	60.0	24.9	64.9





#9

Benzaldehyde

Concen: 18.974 ng

RT: 6.55 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

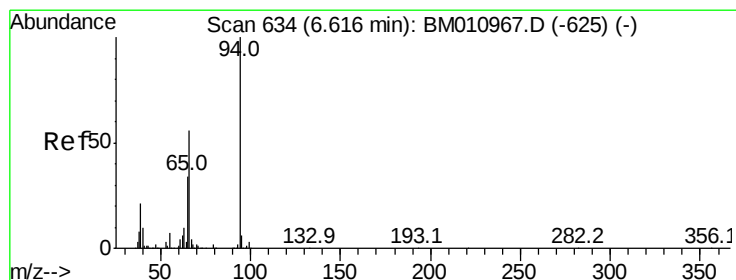
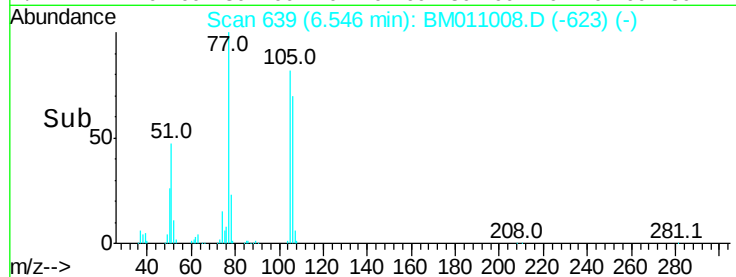
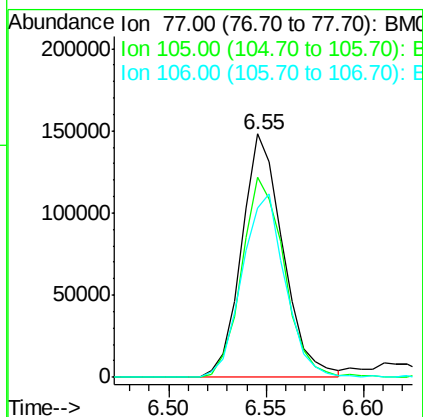
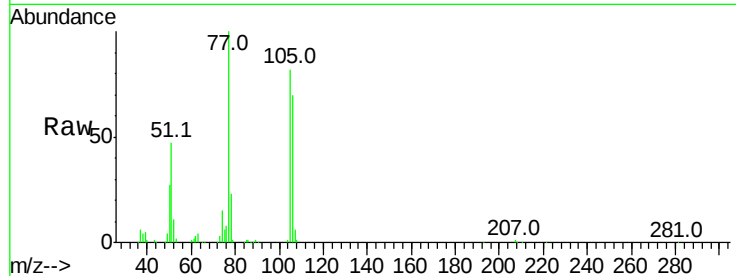
ClientSampleId :

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Tot Ion:	77	Resp:	218306
Ion Ratio	Lower	Upper	
77	100		
105	82.0	78.8	118.8
106	69.6	73.7	113.7#

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#10

Phenol

Concen: 46.353 ng

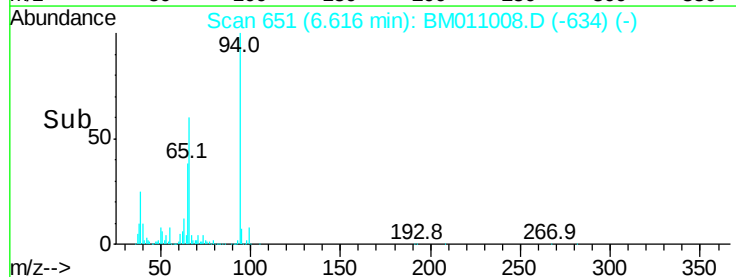
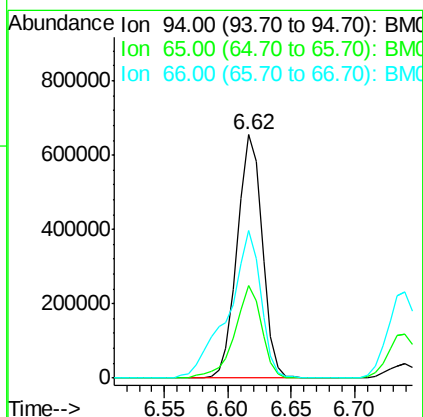
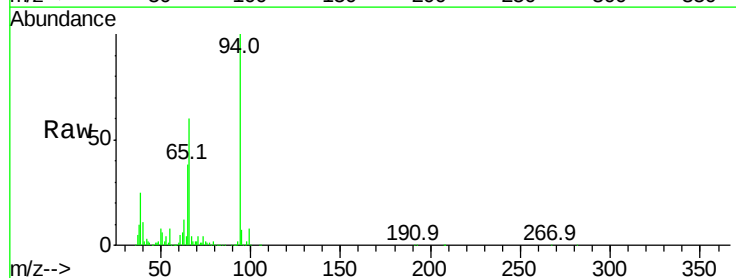
RT: 6.62 min Scan# 651

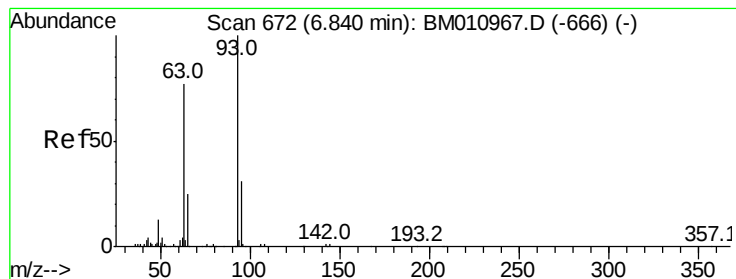
Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion:	94	Resp:	895290
Ion Ratio	Lower	Upper	
94	100		
65	38.0	18.8	58.8
66	60.5	39.9	79.9





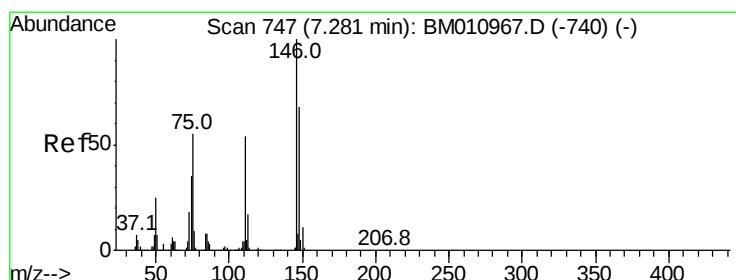
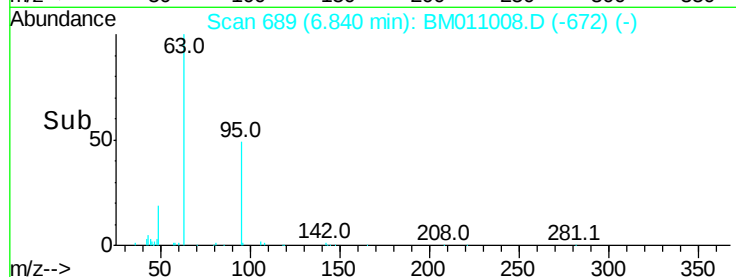
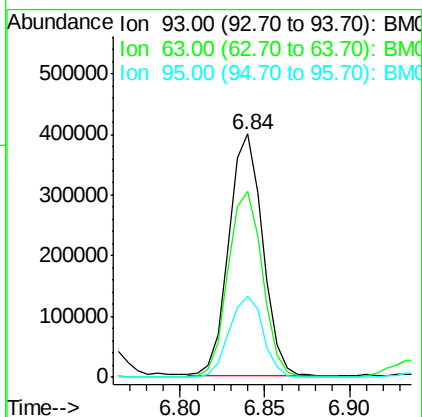
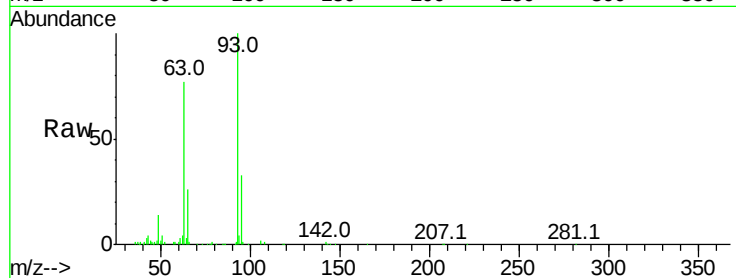
#11
bis(2-Chloroethyl)ether
Concen: 36.657 ng
RT: 6.84 min Scan# 689
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	551667		
63	76.6		49.5	89.5
95	33.2		13.5	53.5

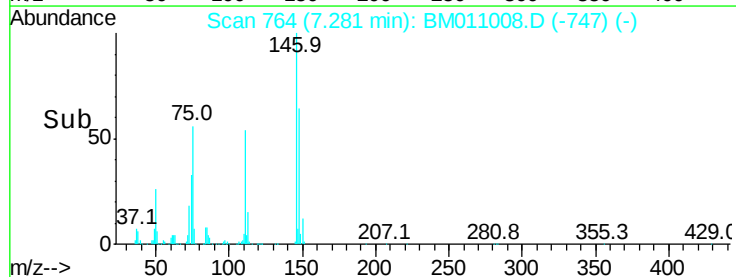
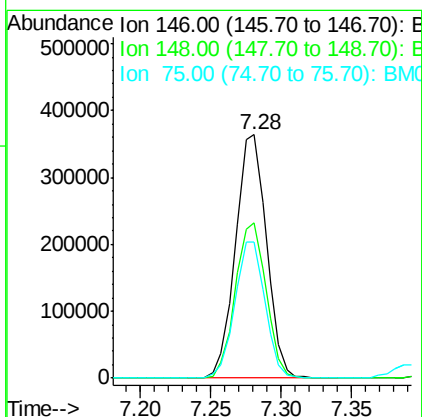
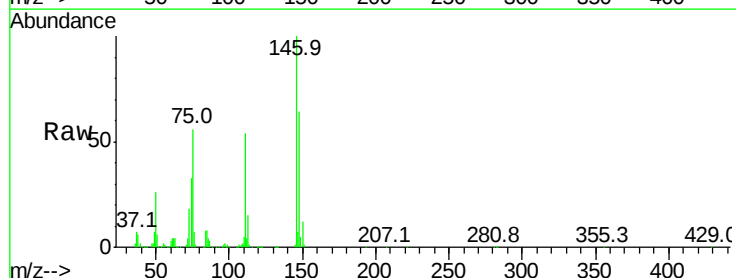
Manual Integrations
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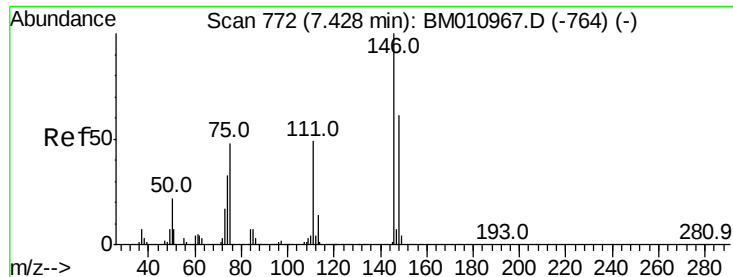
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.109 ng
RT: 7.28 min Scan# 764
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	559181		
148	63.6		50.9	76.3
75	55.8		21.4	32.2#





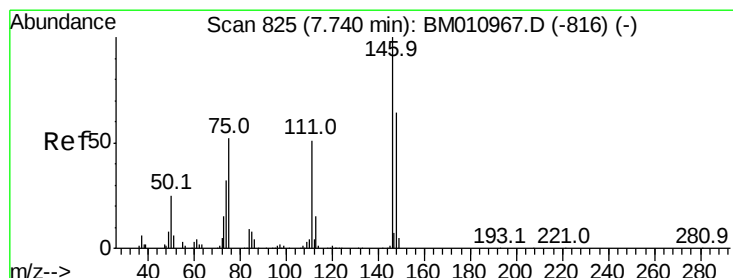
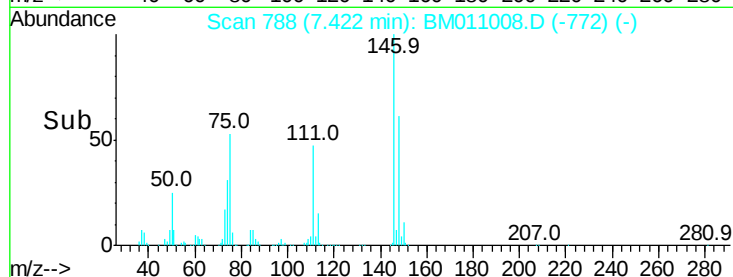
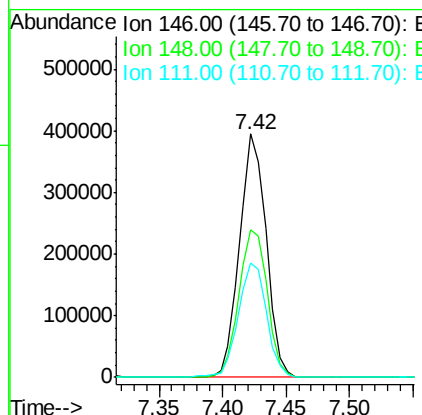
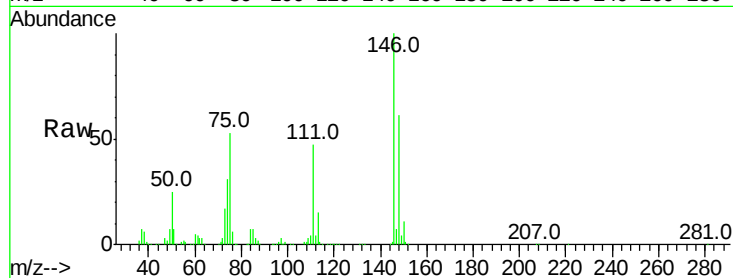
#13
 1,4-Dichlorobenzene
 Concen: 36.251 ng
 RT: 7.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.9	77.9
111	47.0	29.2	43.8

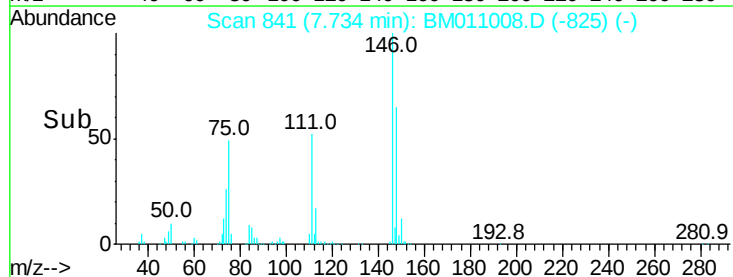
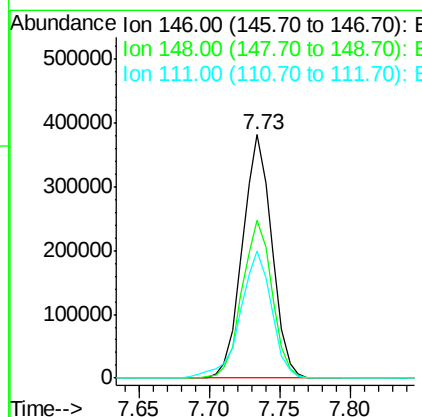
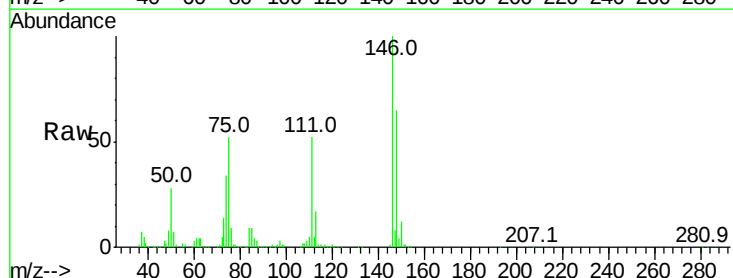
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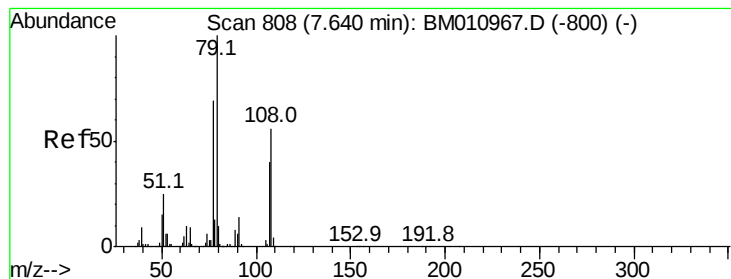
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#14
 1,2-Dichlorobenzene
 Concen: 36.658 ng
 RT: 7.73 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	52.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 41.787 ng

RT: 7.64 min Scan# 825

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

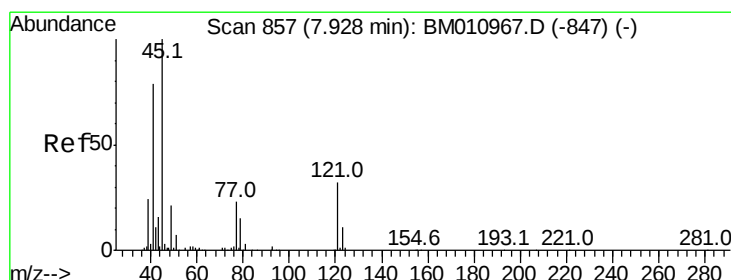
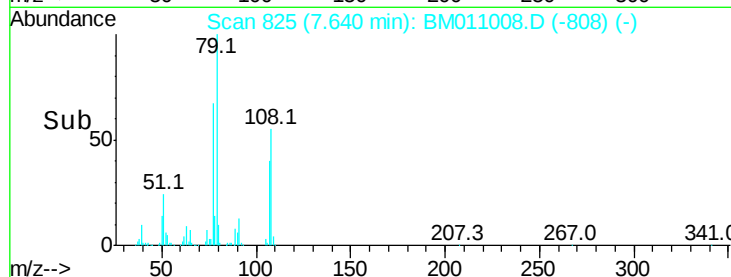
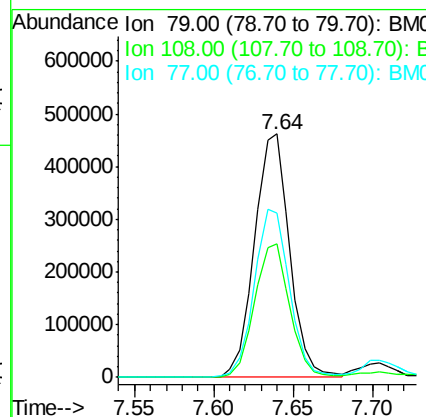
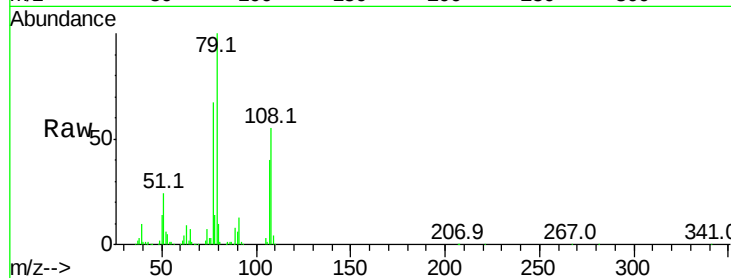
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	54.7	65.0	97.4#
77	67.4	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.476 ng

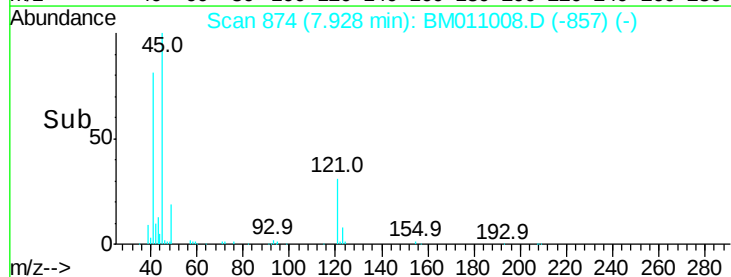
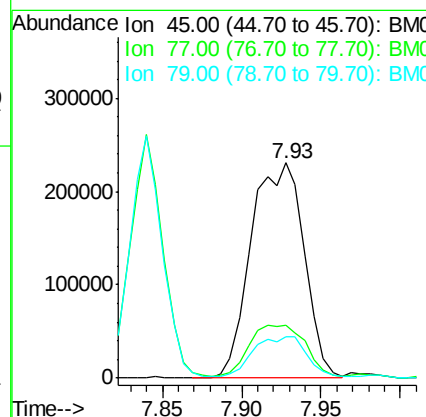
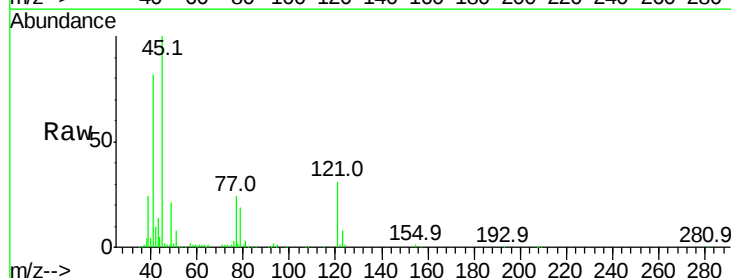
RT: 7.93 min Scan# 874

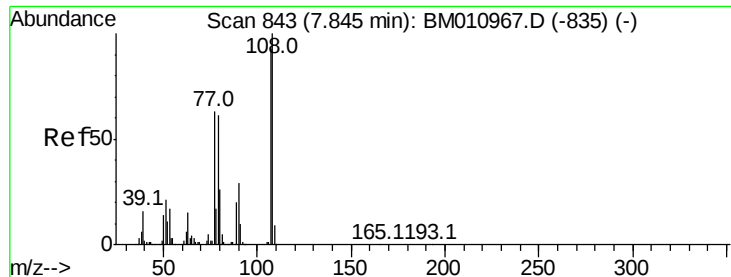
Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.5	0.0	35.2
79	19.0	0.0	32.0





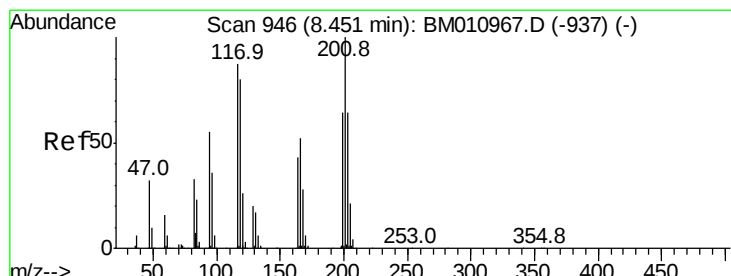
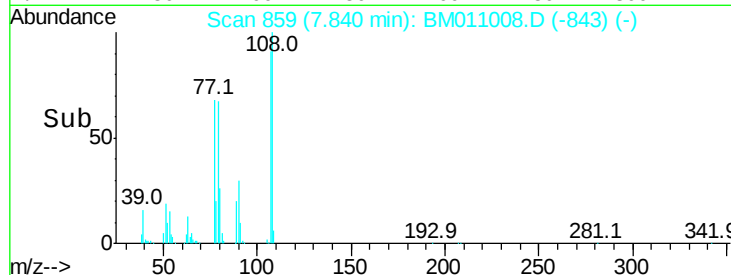
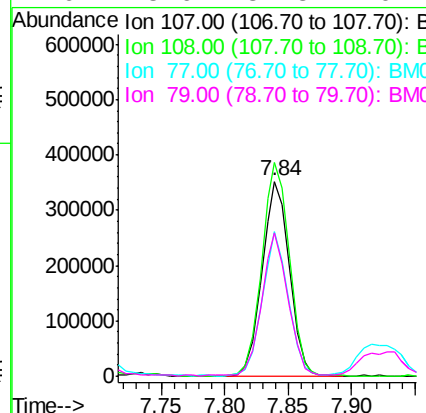
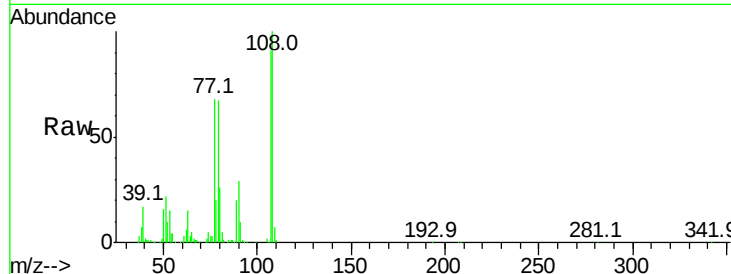
#17
2-Methylphenol
Concen: 42.947 ng
RT: 7.84 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	109.6	89.8	134.8
77	74.1	32.6	48.8#
79	73.6	32.8	49.2#

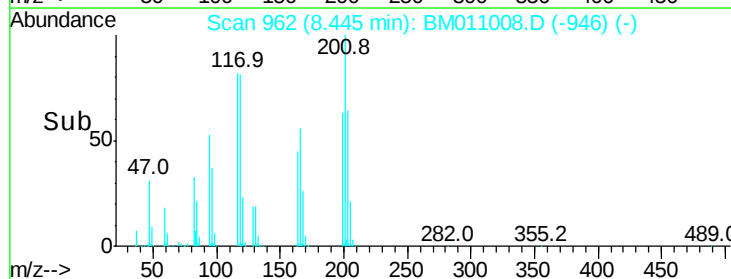
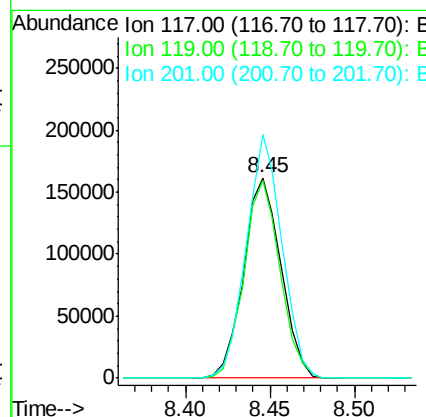
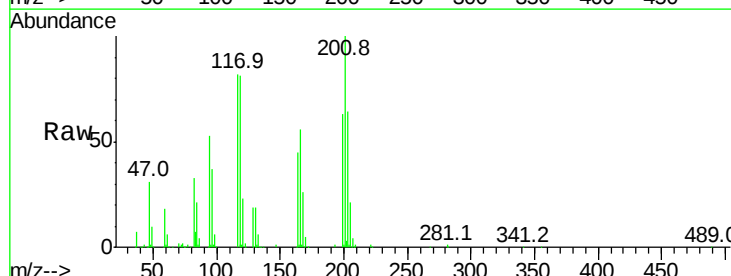
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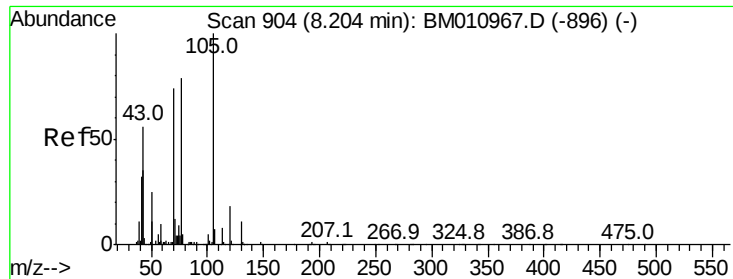
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#18
Hexachloroethane
Concen: 35.808 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	98.6	79.2	118.8
201	121.4	69.8	104.6#





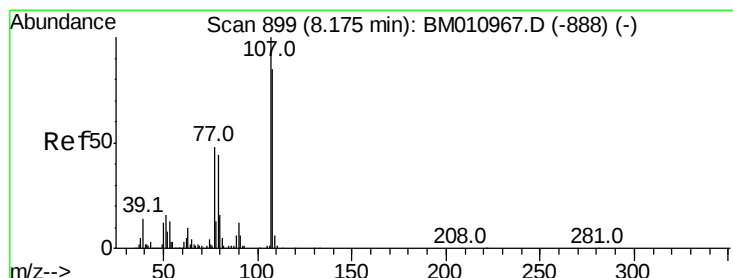
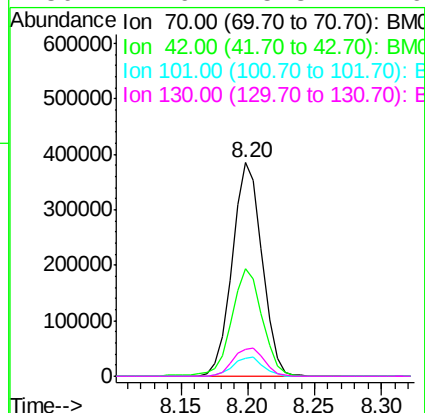
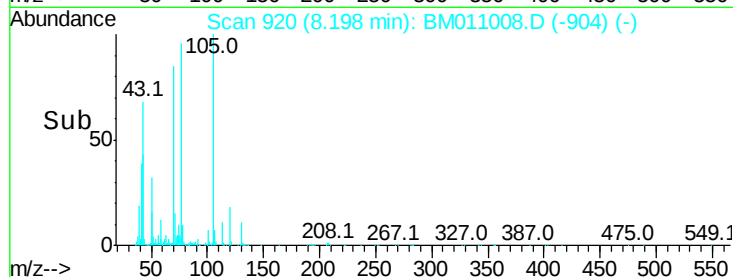
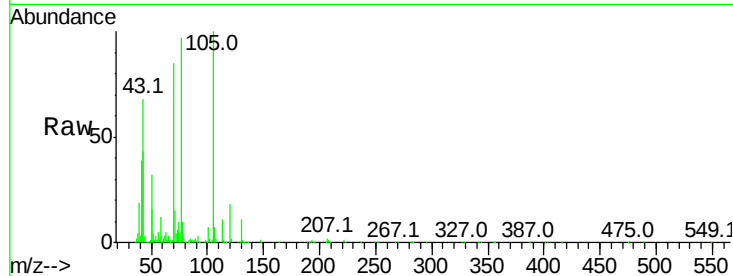
#19
n-Nitroso-di-n-propylamine
Concen: 39.637 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	44.5	66.7
101	8.2	7.4	11.2
130	12.6	15.3	22.9#

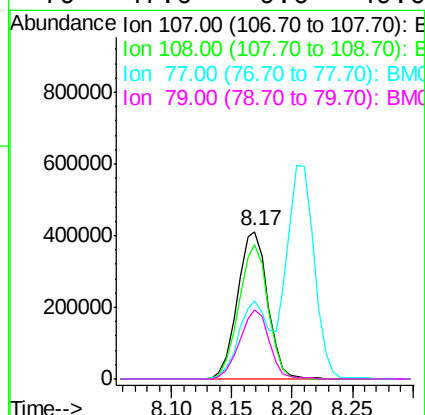
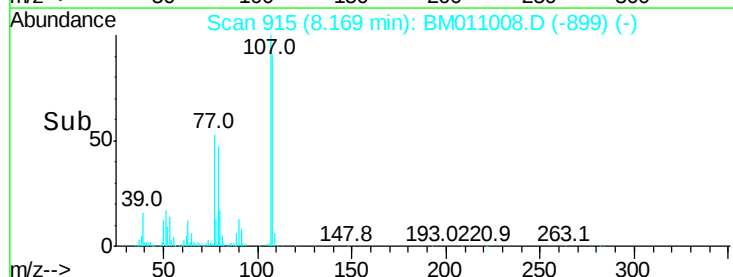
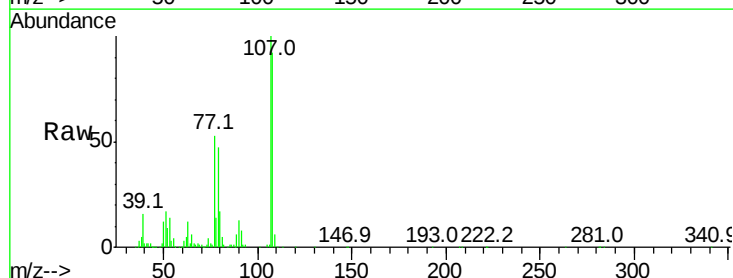
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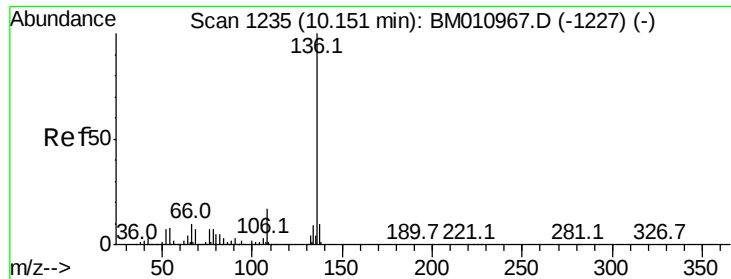
Sohil
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#20
3+4-Methylphenols
Concen: 41.759 ng
RT: 8.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.2	113.2
77	53.2	10.7	50.7#
79	47.0	9.6	49.6





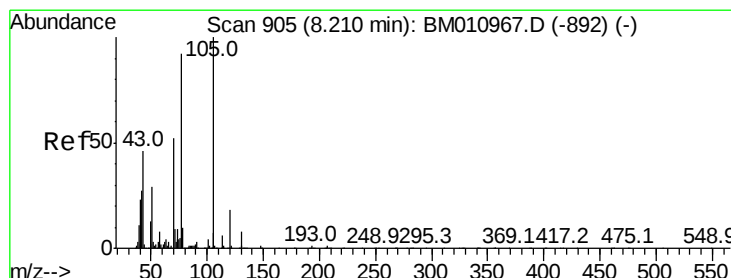
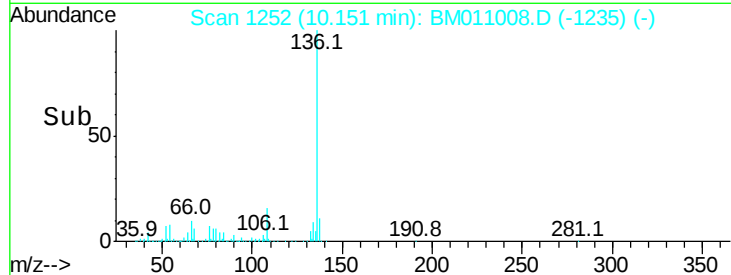
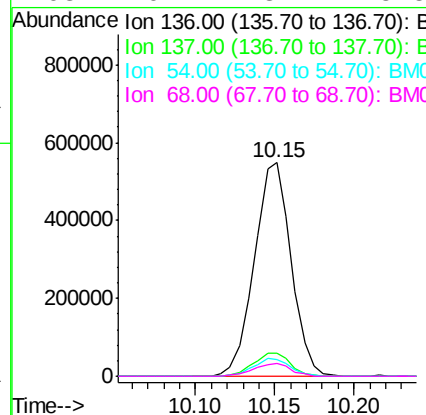
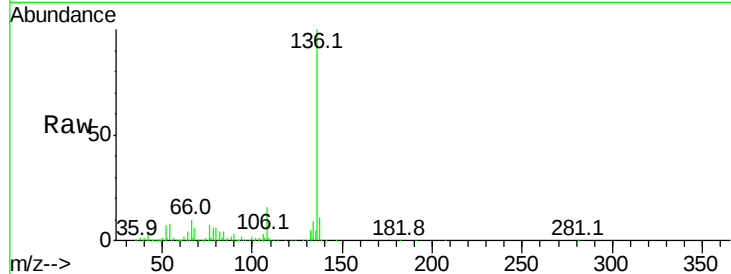
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	882197		
137	10.9	8.7	13.1	
54	7.6	4.6	6.8#	
68	6.2	3.7	5.5#	

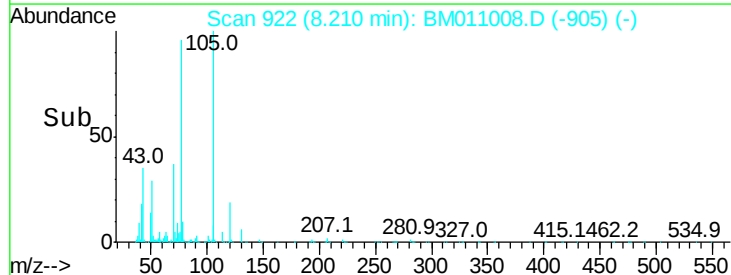
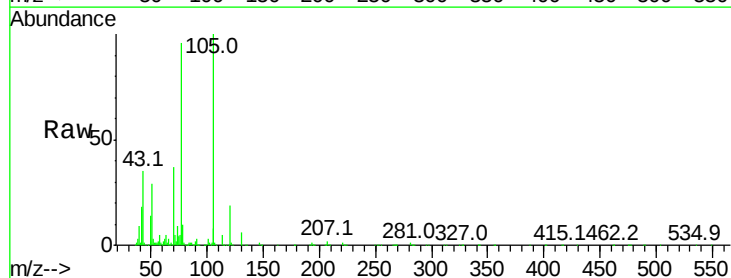
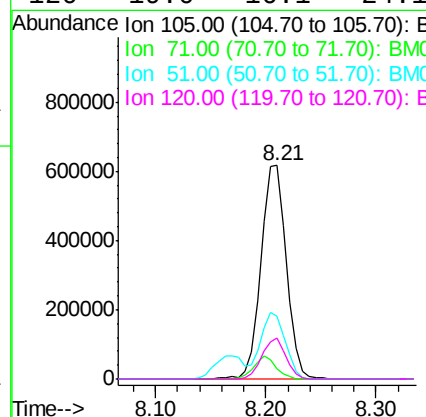
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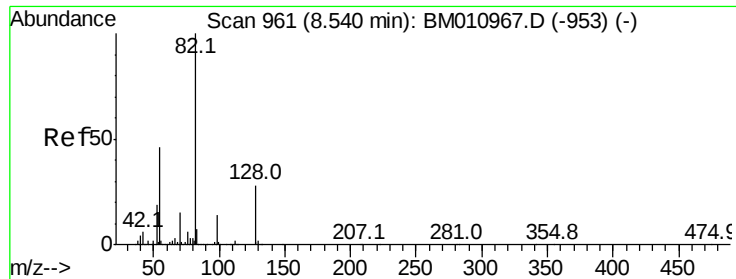
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#22
Acetophenone
Concen: 37.643 ng
RT: 8.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	995459		
71	5.1	0.6	1.0#	
51	29.2	21.6	32.4	
120	19.0	16.1	24.1	





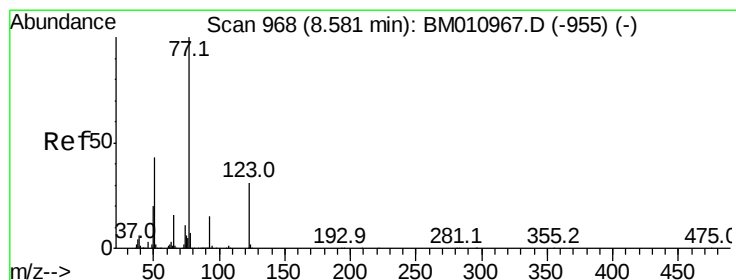
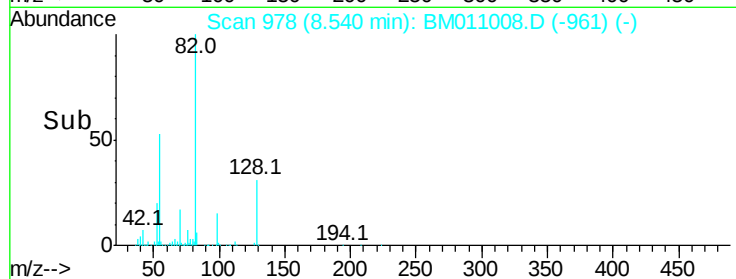
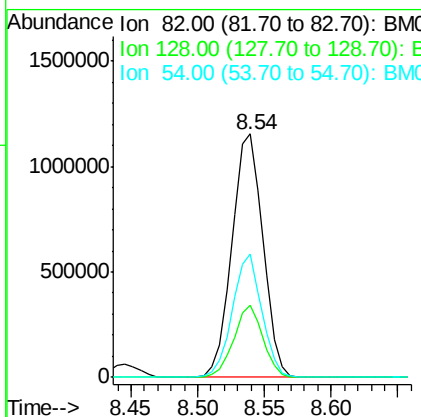
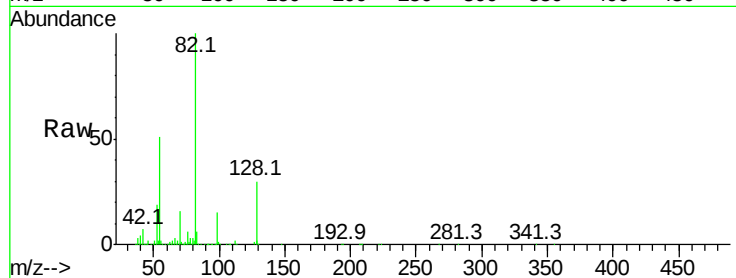
#23
 Nitrobenzene-d5
 Concen: 79.447 ng
 RT: 8.54 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion: 82 Resp: 1867430
 Ion Ratio Lower Upper
 82 100
 128 29.6 32.8 49.2#
 54 50.6 40.6 60.8

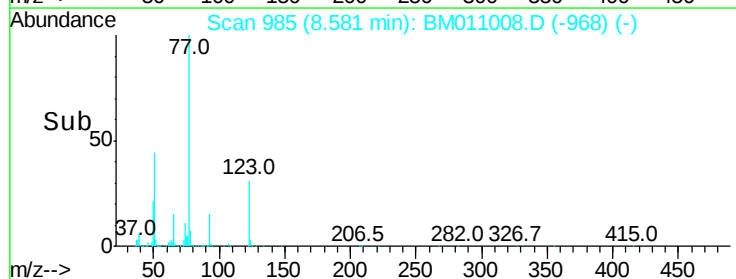
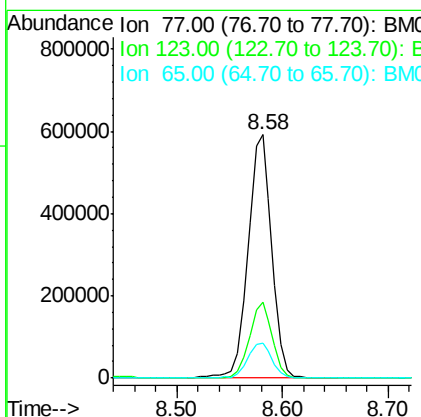
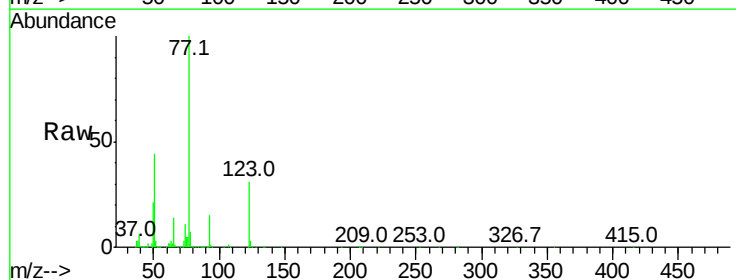
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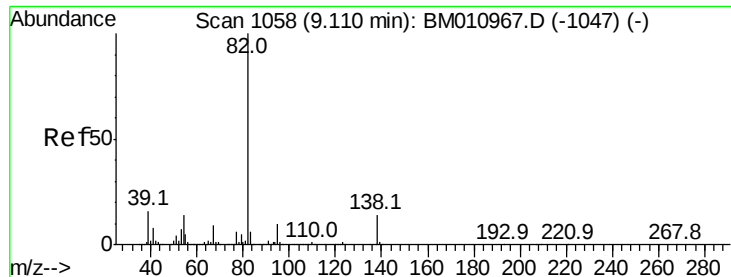
Sohil
 7/28/2017 4:44:59 PM



#24
 Nitrobenzene
 Concen: 37.661 ng
 RT: 8.58 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion: 77 Resp: 917317
 Ion Ratio Lower Upper
 77 100
 123 31.4 32.6 49.0#
 65 14.5 10.9 16.3





#25

Isophorone

Concen: 39.881 ng

RT: 9.10 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion: 82 Resp: 1562983

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.6#

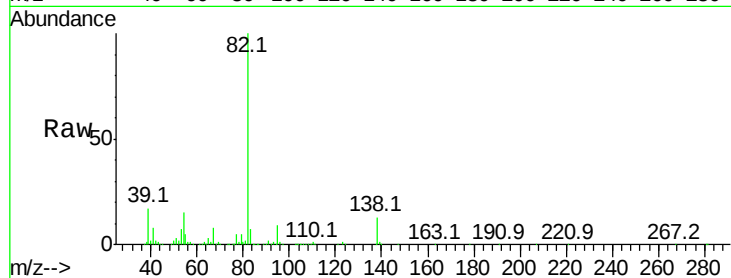
138 13.4 16.3 24.5#

Manual Integrations

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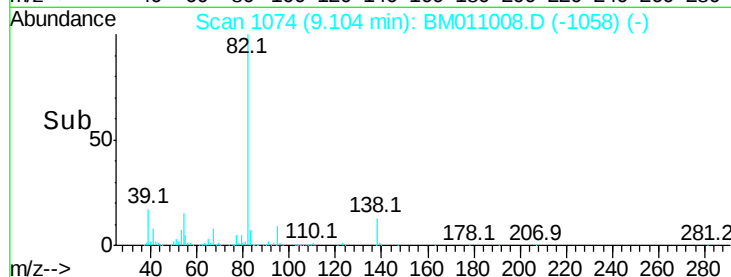


Abundance Ion 82.00 (81.70 to 82.70): BM011008.D (-1074) (-)

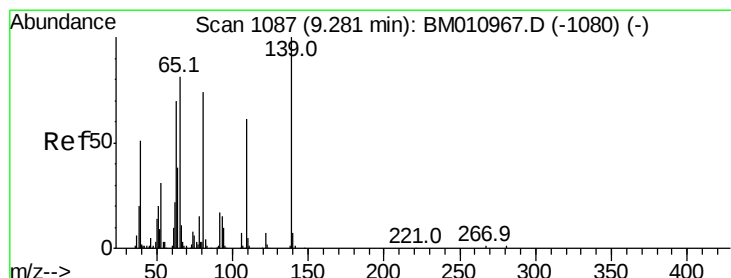
Ion 95.00 (94.70 to 95.70): BM011008.D (-1074) (-)

Ion 138.00 (137.70 to 138.70): BM011008.D (-1074) (-)

Time-->



Time-->



#26

2-Nitrophenol

Concen: 37.769 ng

RT: 9.28 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

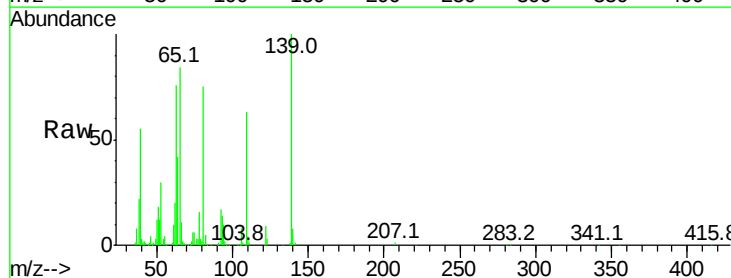
Tgt Ion: 139 Resp: 292715

Ion Ratio Lower Upper

139 100

109 63.2 20.1 30.1#

65 83.5 31.5 47.3#

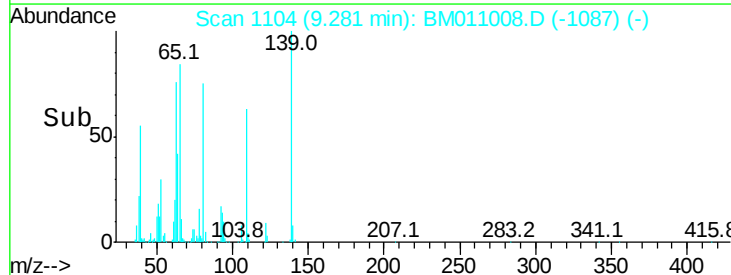


Abundance Ion 139.00 (138.70 to 139.70): BM011008.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM011008.D (-1087) (-)

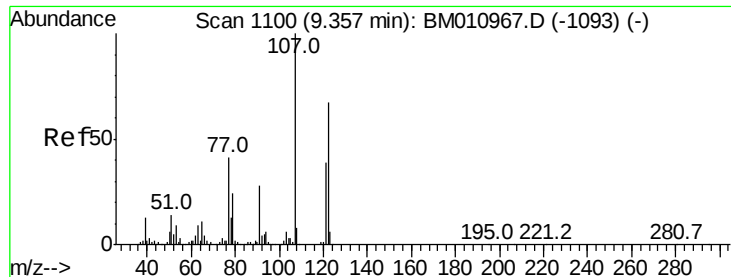
Ion 65.00 (64.70 to 65.70): BM011008.D (-1087) (-)

Time-->



Time-->

Time-->



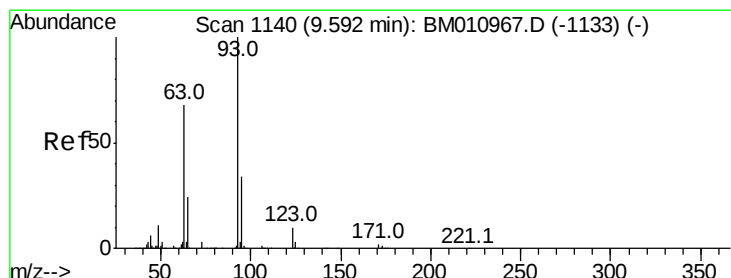
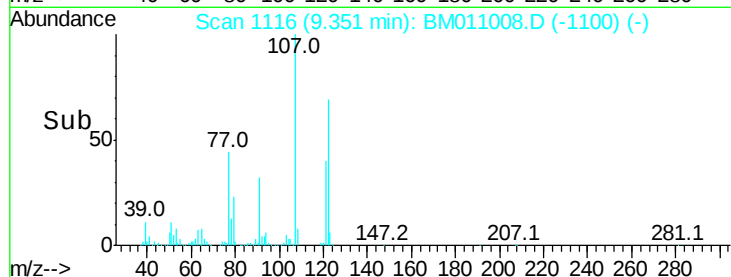
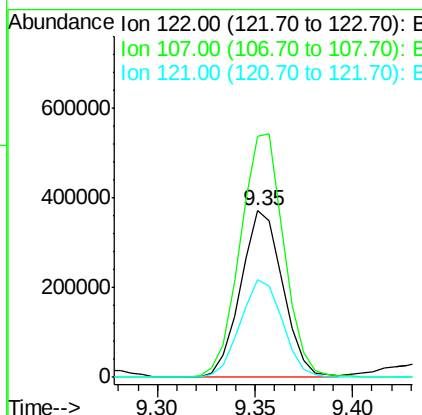
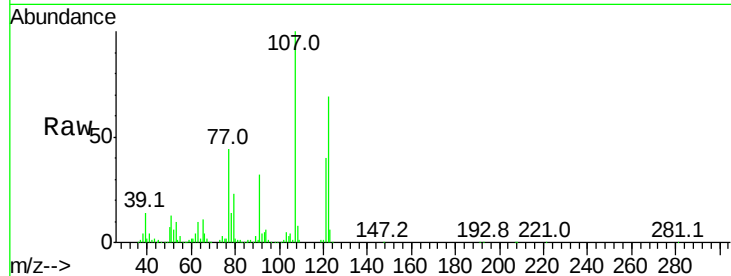
#27
 2,4-Dimethylphenol
 Concen: 40.797 ng
 RT: 9.35 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	556611		
107	144.8	84.7	127.1#	
121	58.6	46.6	69.8	

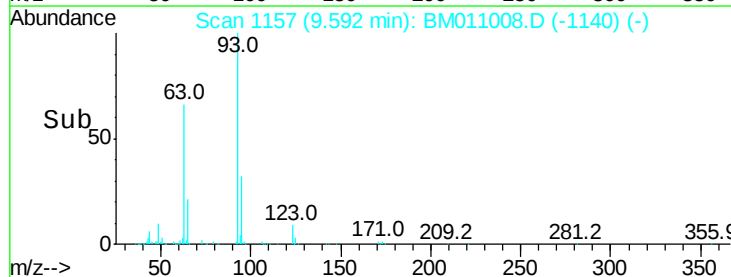
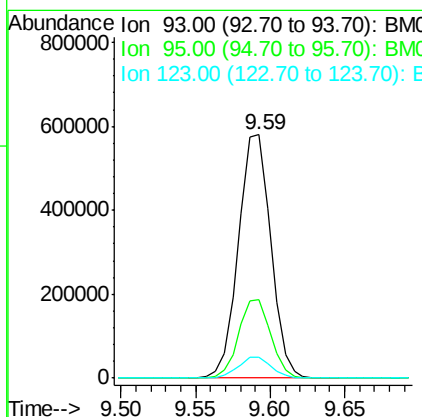
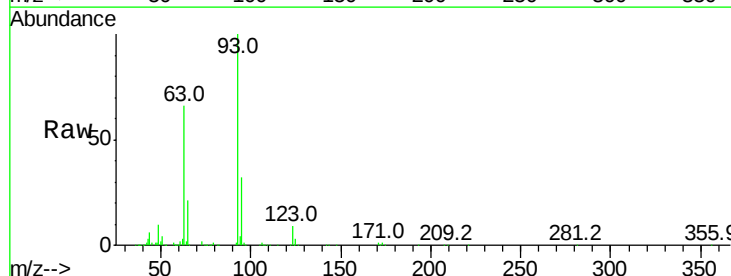
Manual Integrations
 APPROVED

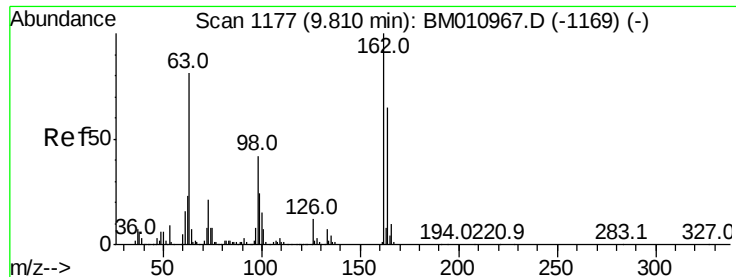
Sohil
 7/28/2017 4:44:59 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.062 ng
 RT: 9.59 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	875690		
95	32.3	25.5	38.3	
123	8.6	8.6	13.0#	





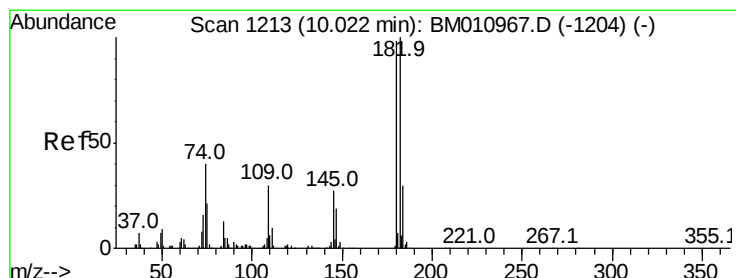
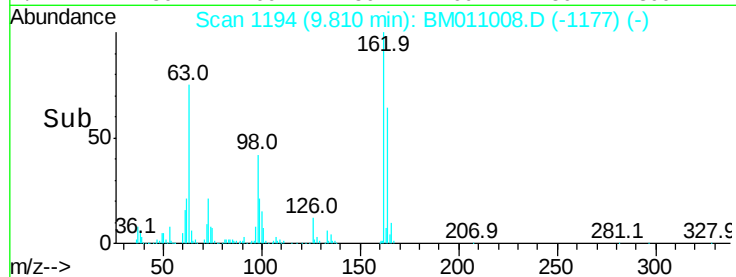
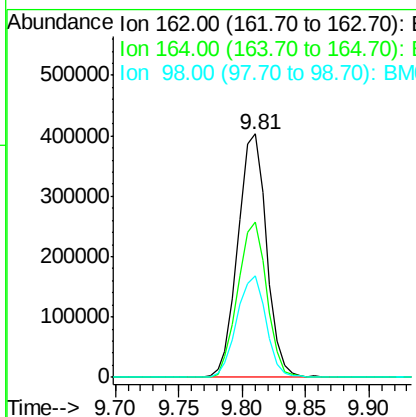
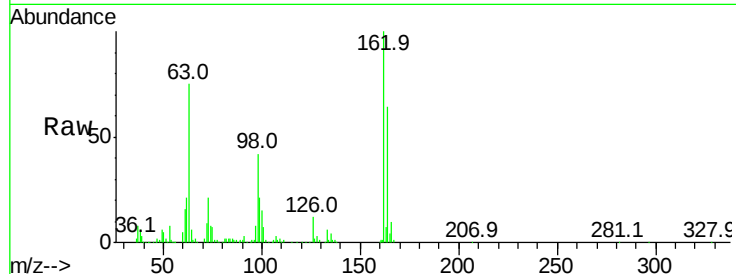
#29
2,4-Dichlorophenol
Concen: 41.352 ng
RT: 9.81 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	633968		
164	64.0	42.8	82.8	
98	41.7	14.5	54.5	

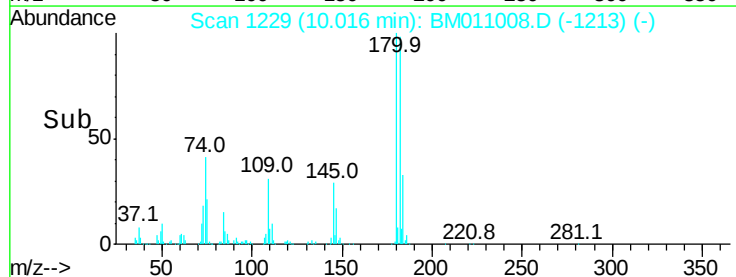
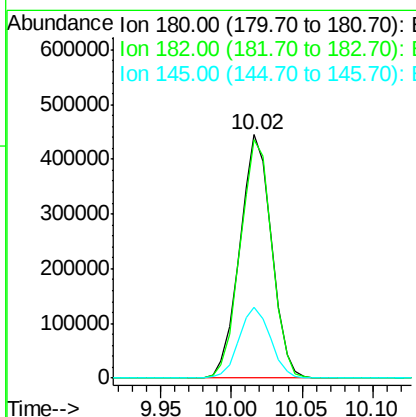
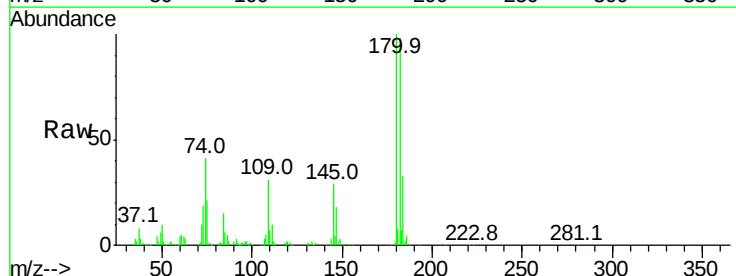
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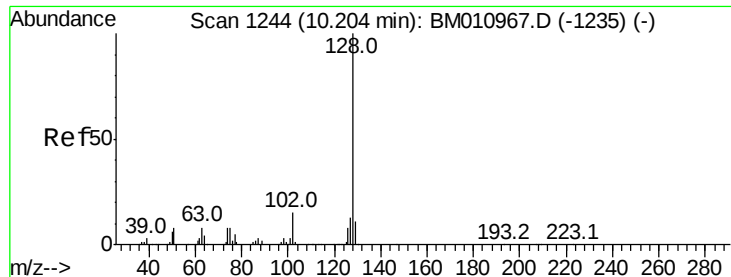
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 36.775 ng
RT: 10.02 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	697111		
182	97.9	77.6	116.4	
145	29.2	23.4	35.2	





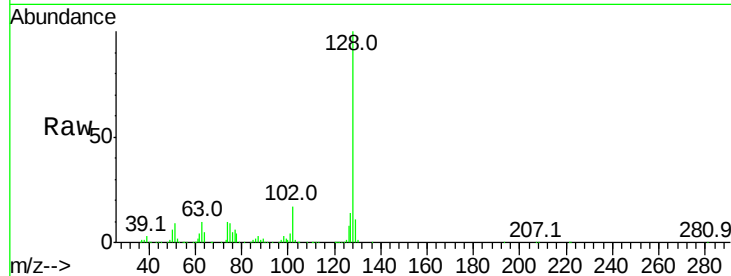
#31
Naphthalene
Concen: 37.973 ng
RT: 10.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

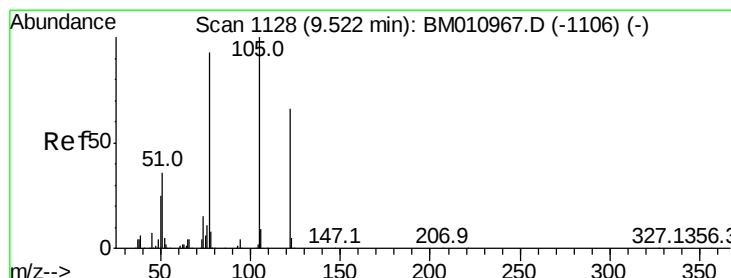
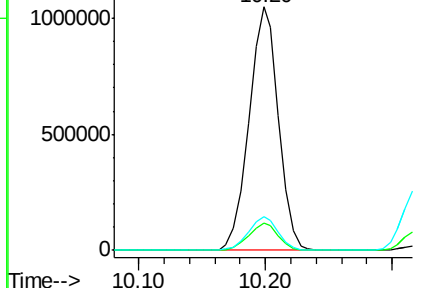
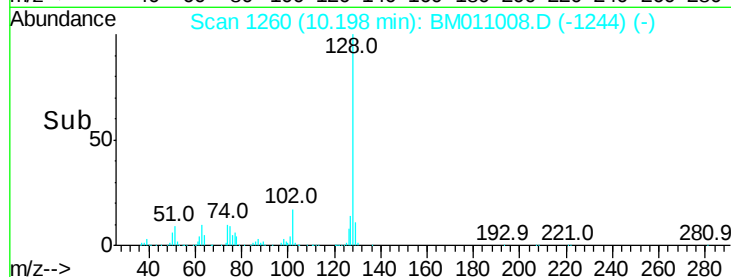
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.6	10.4	15.6

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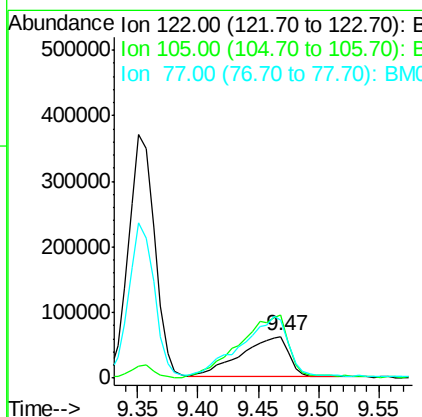
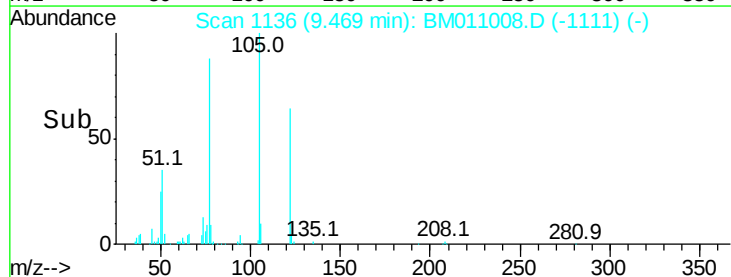
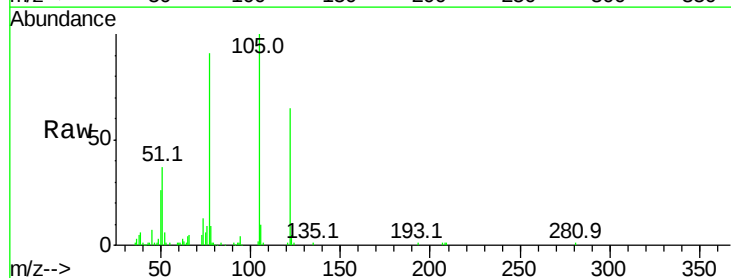


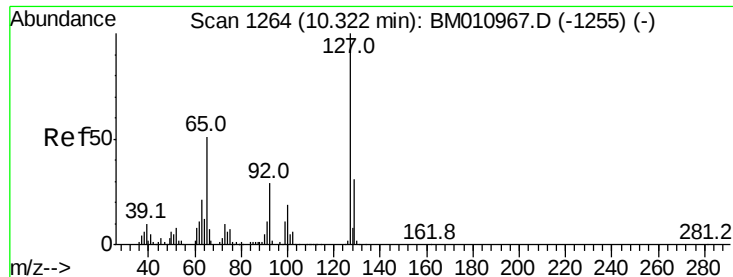
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.785 ng
RT: 9.47 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.0	99.9	139.9#
77	139.0	73.7	113.7#





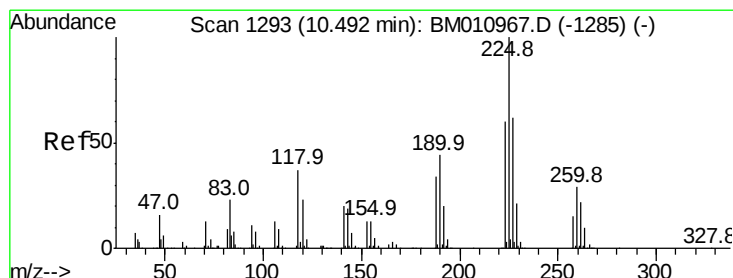
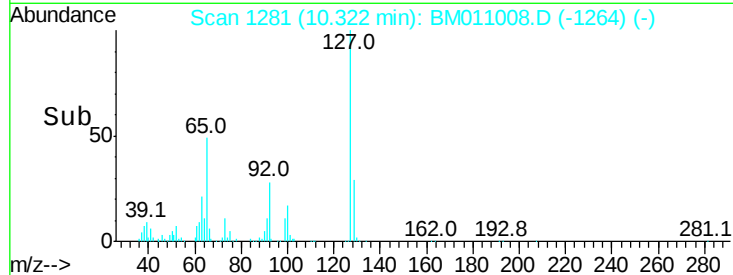
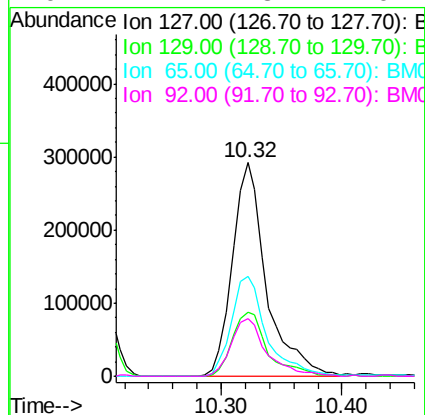
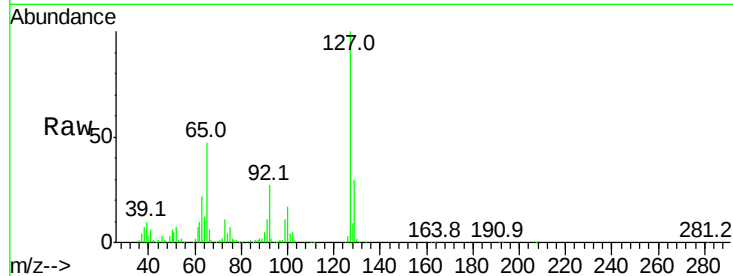
#33
4-Chloroaniline
Concen: 32.332 ng
RT: 10.32 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.0	25.3	37.9
65	46.6	17.6	26.4
92	27.1	13.1	19.7

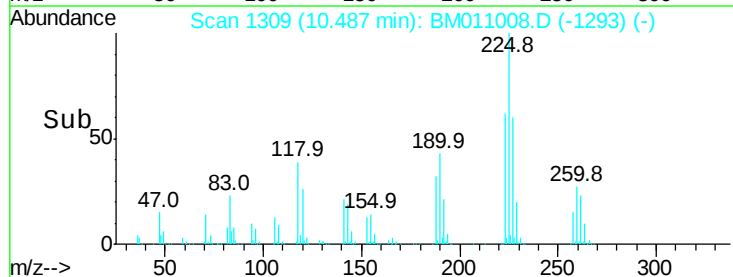
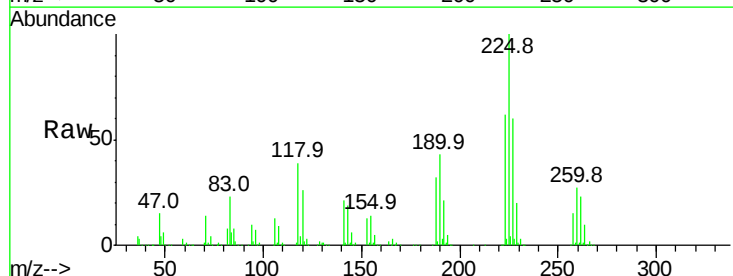
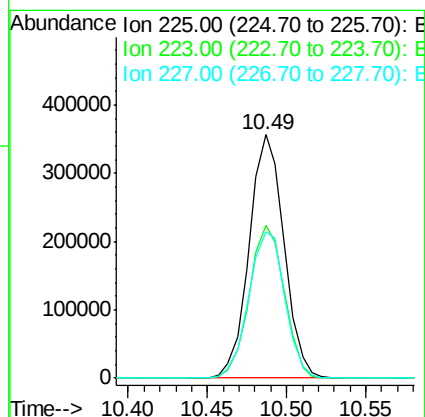
Manual Integrations
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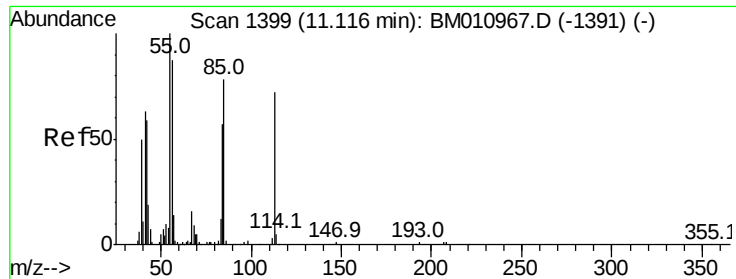
Sohil
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#34
Hexachlorobutadiene
Concen: 36.470 ng
RT: 10.49 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.5	47.9	71.9
227	60.3	50.1	75.1





#35

Caprolactam

Concen: 43.519 ng/ml

RT: 11.11 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

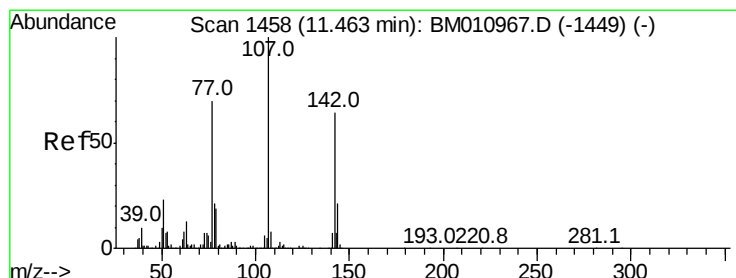
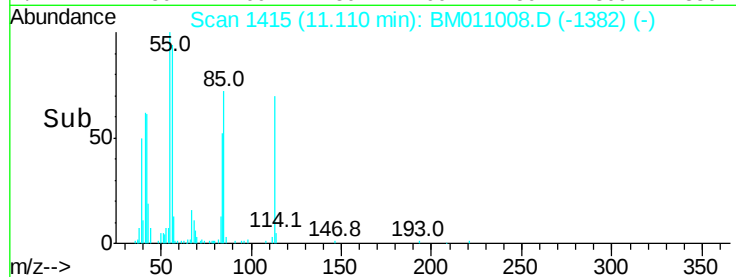
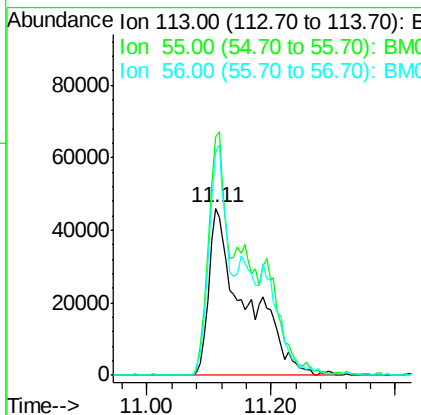
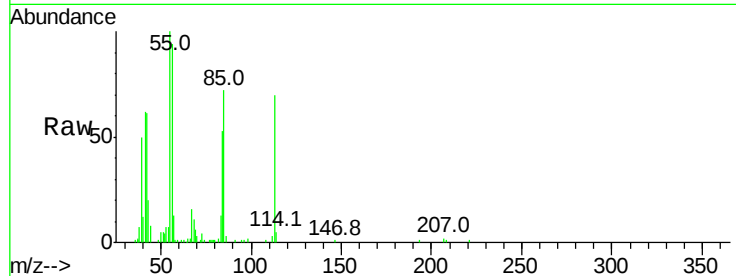
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.6	145.9	185.9#
56	133.4	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 40.462 ng/ml

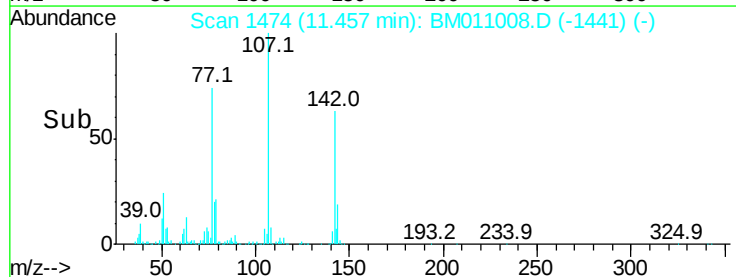
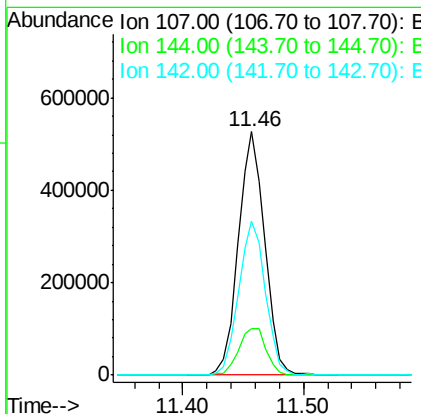
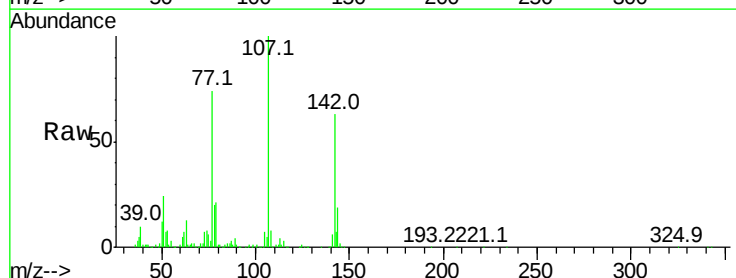
RT: 11.46 min Scan# 1474

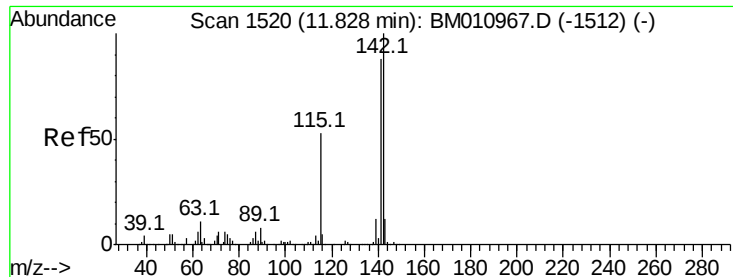
Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	19.3	23.3	34.9#
142	63.2	72.6	109.0#





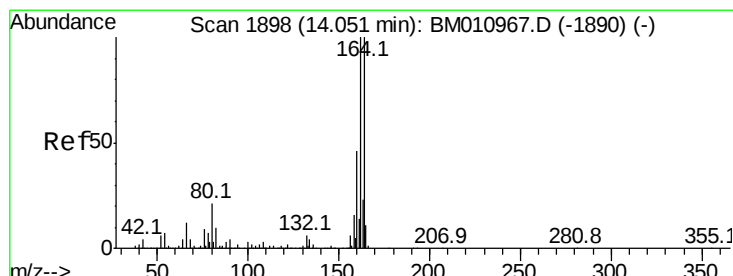
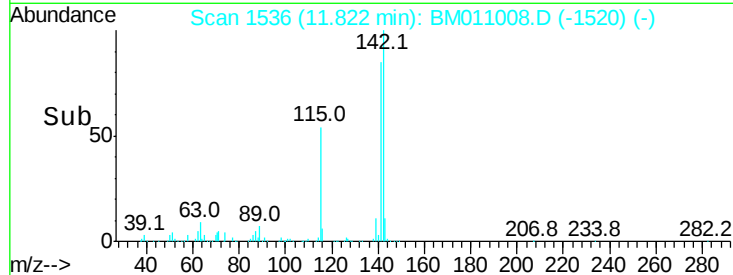
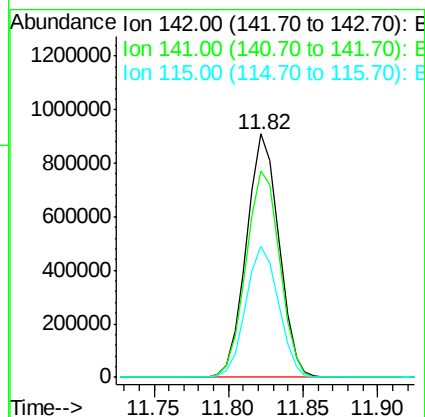
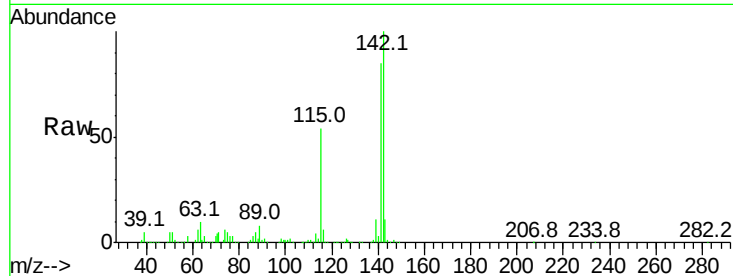
#37
2-Methylnaphthalene
Concen: 42.084 ng
RT: 11.82 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.7	71.9	107.9
115	54.1	25.4	38.0

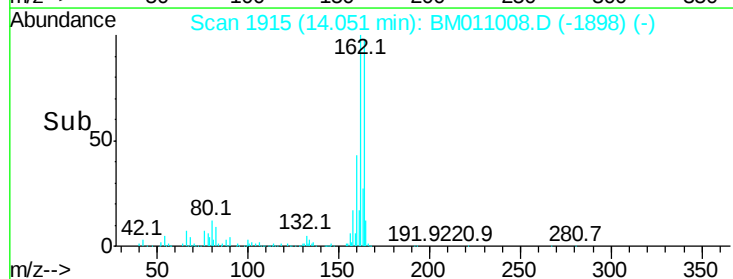
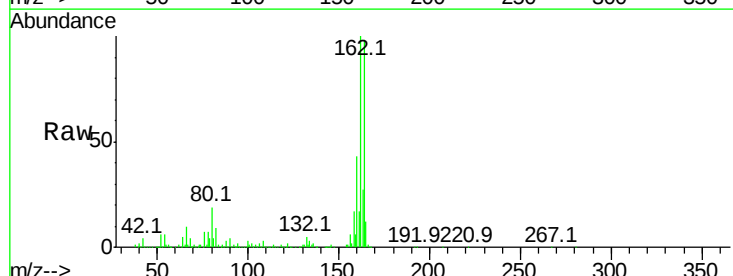
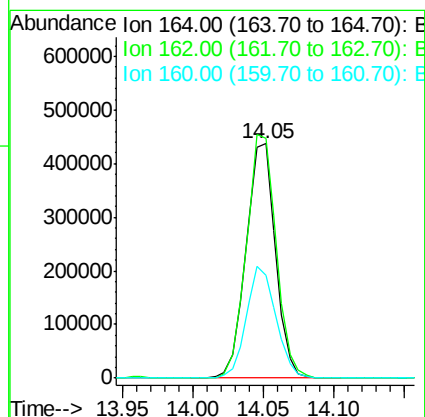
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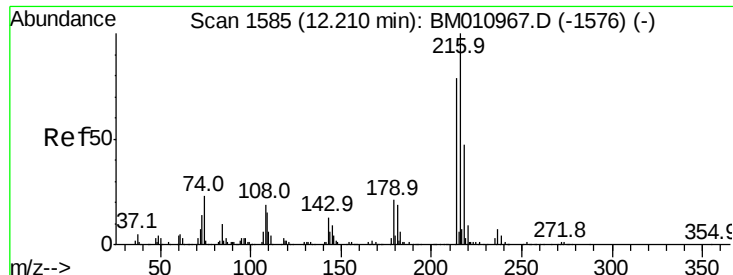
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	44.0	35.8	53.6





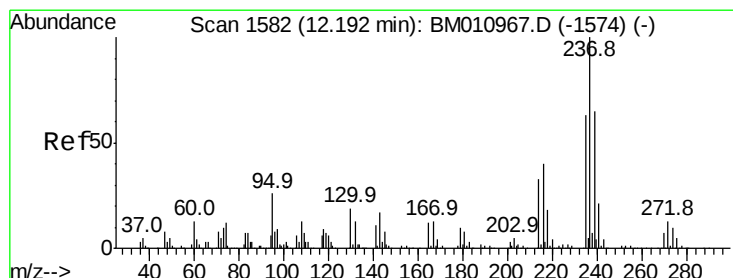
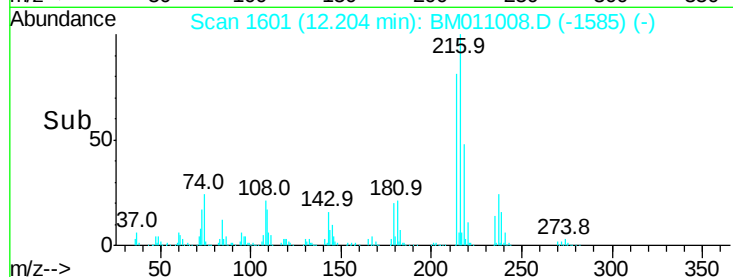
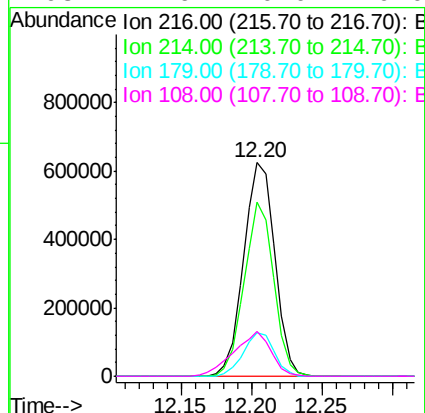
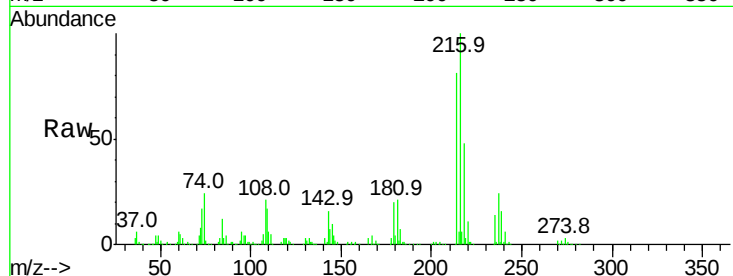
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.304 ng
 RT: 12.20 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.0	0.0	0.0#
179	20.1	0.0	0.0#
108	24.6	0.0	0.0#

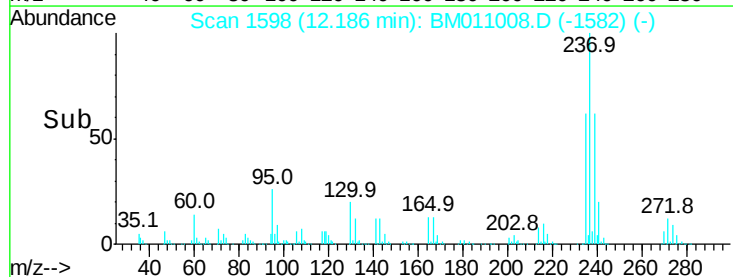
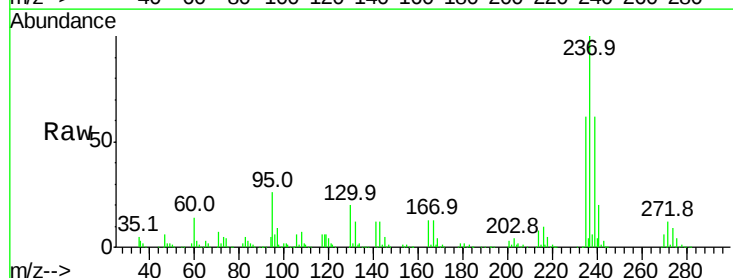
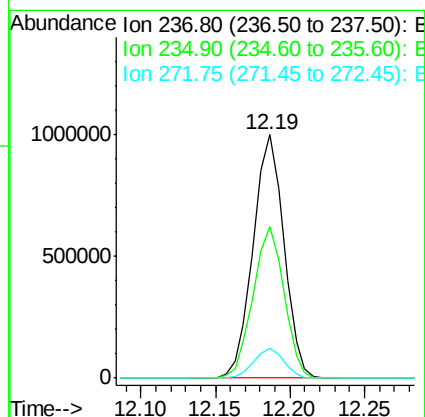
Manual Integrations
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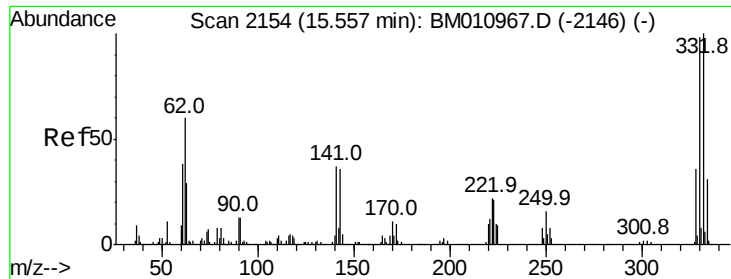
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#40
 Hexachlorocyclopentadiene
 Concen: 88.735 ng
 RT: 12.19 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	42.0	82.0
272	12.5	0.0	33.4





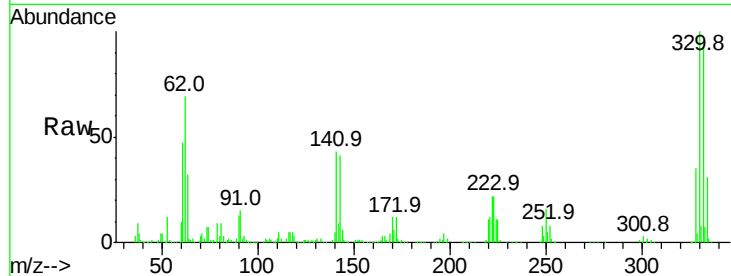
#41
 2,4,6-Tribromophenol
 Concen: 132.929 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleID :
 FK-BPM-01-A7-A8-B7-B8MSD

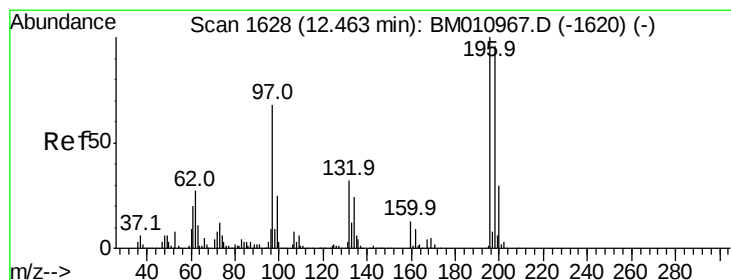
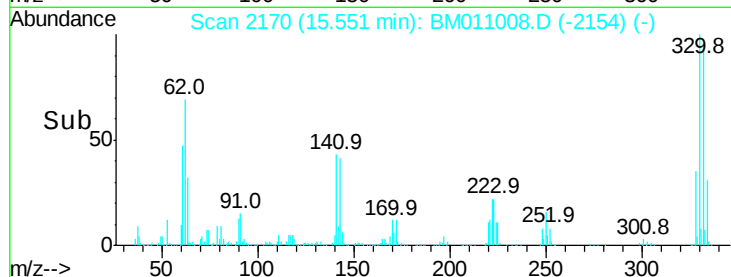
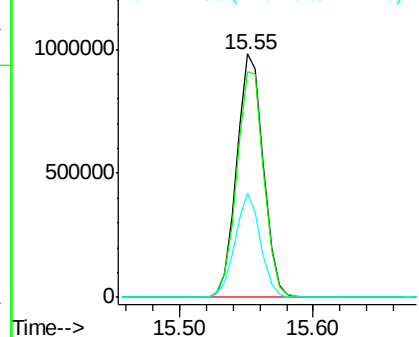
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	41.1	0.0	0.0#

Manual Integrations
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 7/28/2017 4:44:59 PM

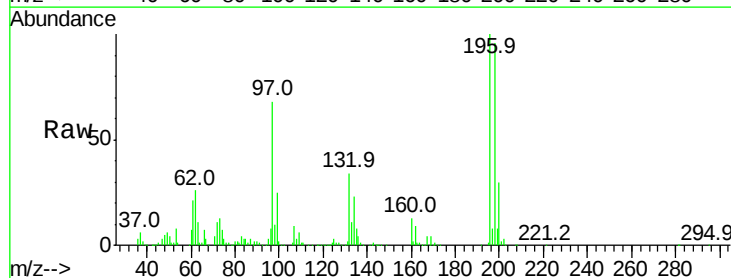


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

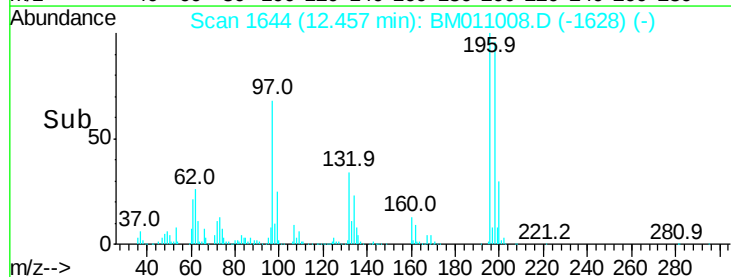
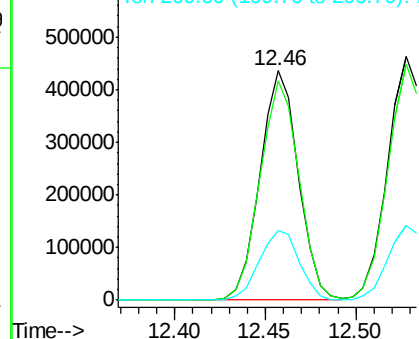


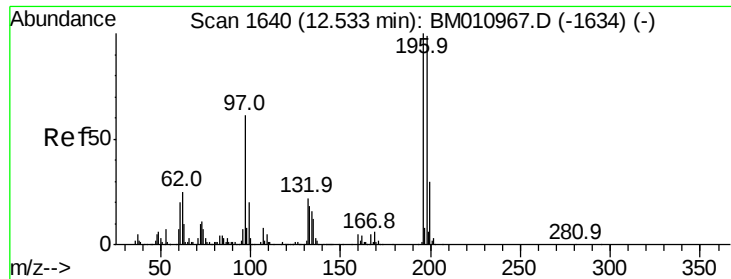
#42
 2,4,6-Trichlorophenol
 Concen: 38.496 ng
 RT: 12.46 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.3	114.5
200	30.4	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





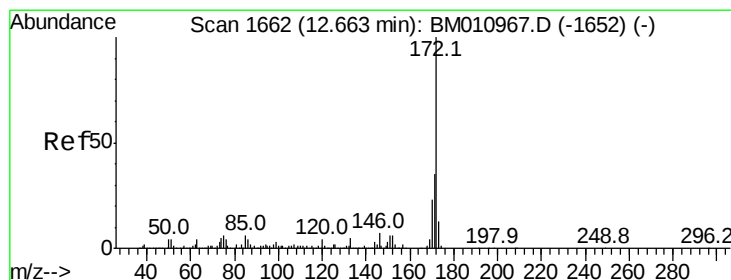
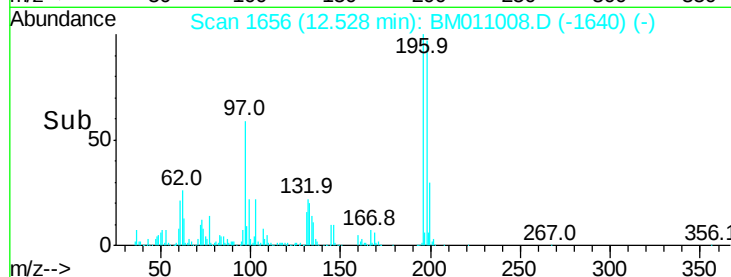
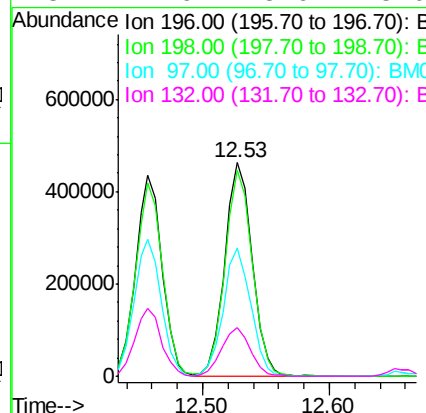
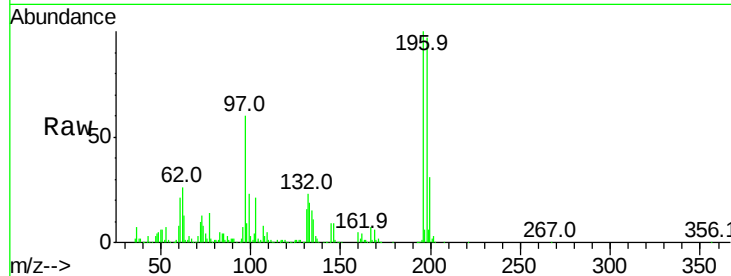
#43
 2,4,5-Trichlorophenol
 Concen: 40.391 ng
 RT: 12.53 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	690858		
198	96.7	79.4	119.0	
97	59.8	26.8	40.2#	
132	22.6	18.6	28.0	

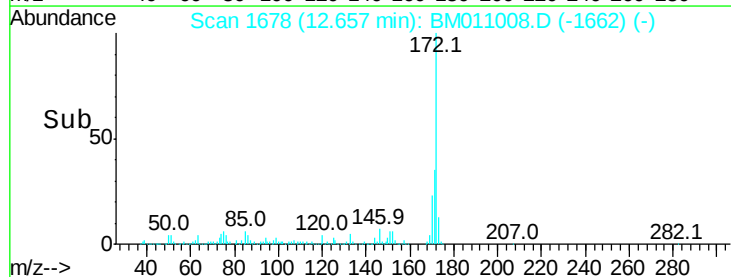
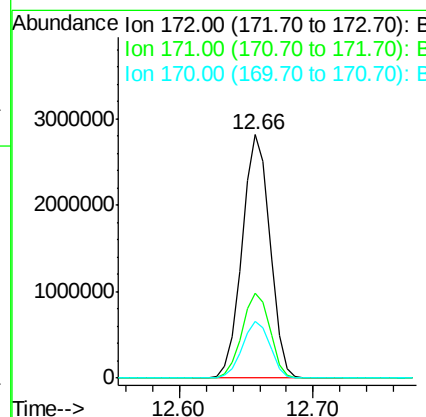
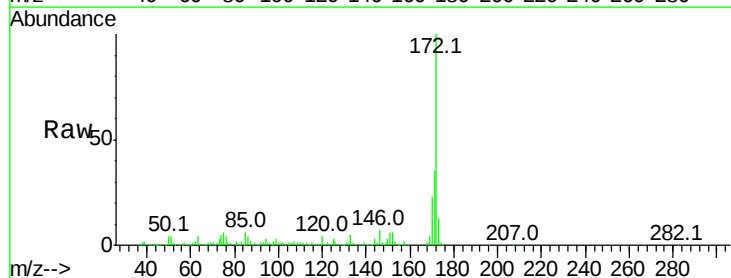
Manual Integrations
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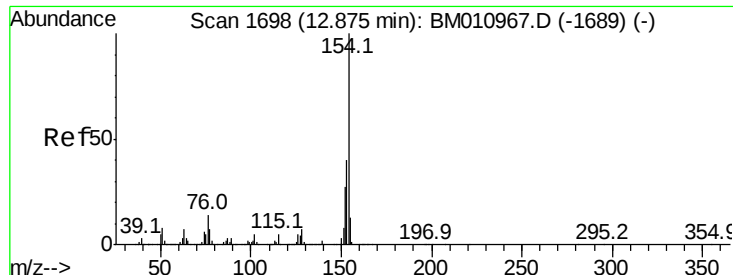
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 79.666 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4056737		
171	35.1	28.5	42.7	
170	23.1	18.8	28.2	





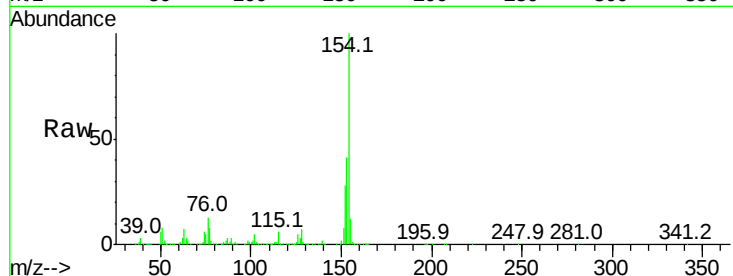
#45
 1,1'-Biphenyl
 Concen: 35.083 ng
 RT: 12.87 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

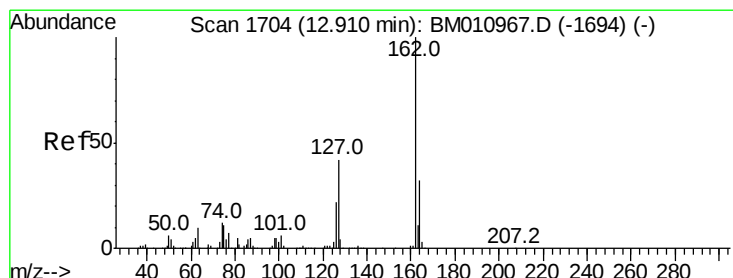
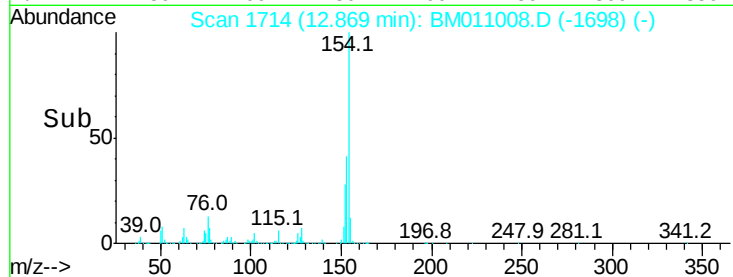
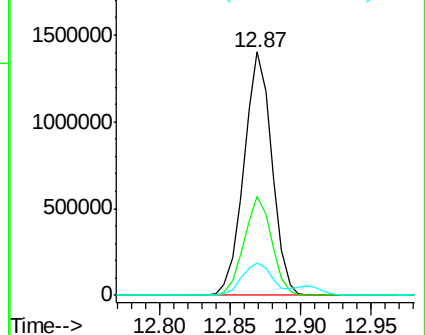
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	13.4	0.0	30.9

Manual Integrations
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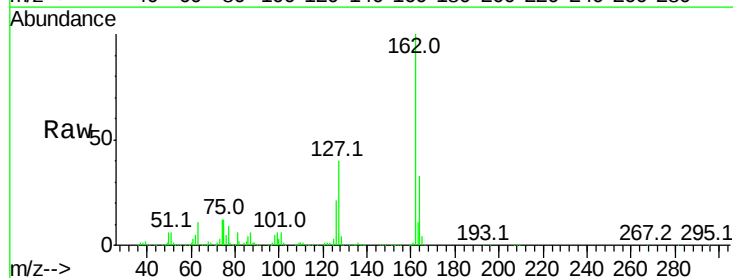


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

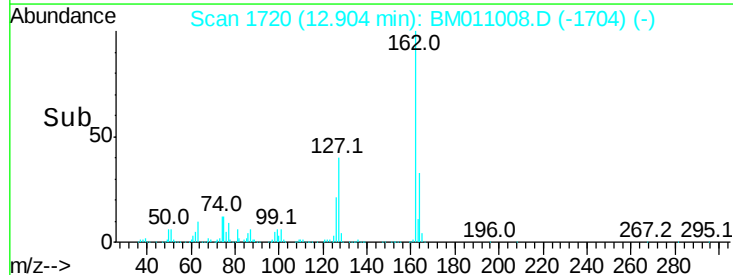
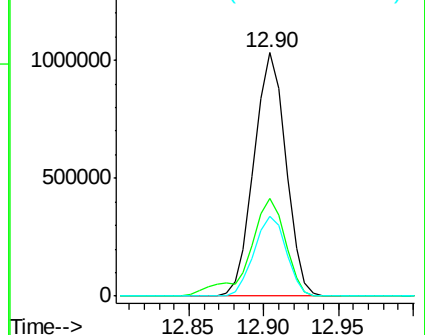


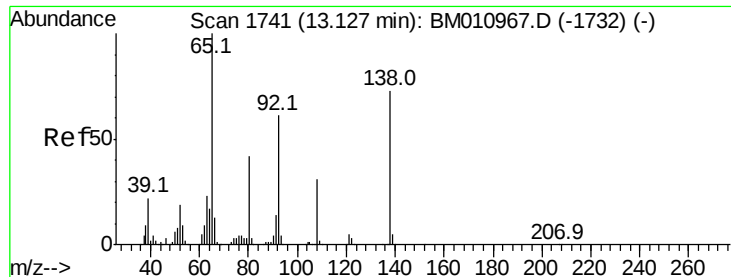
#46
 2-Chloronaphthalene
 Concen: 37.409 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	26.9	40.3
164	32.9	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.549 ng

RT: 13.13 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion: 65 Resp: 612437

Ion Ratio Lower Upper

65 100

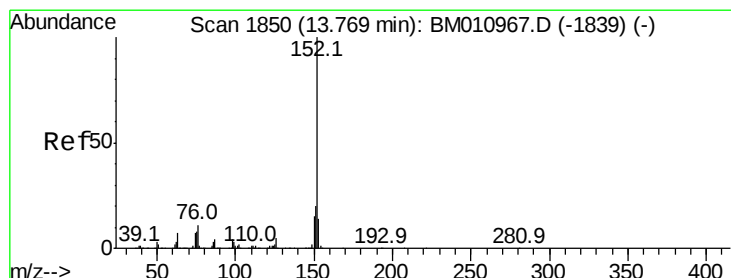
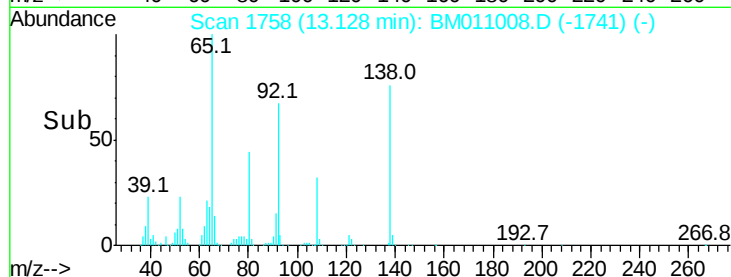
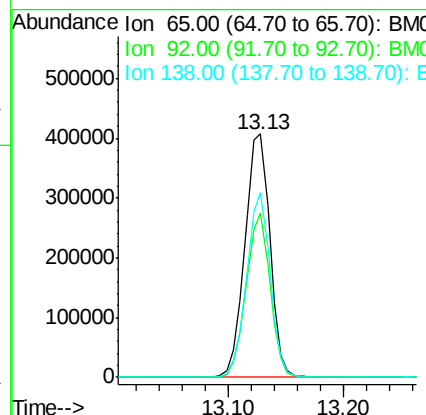
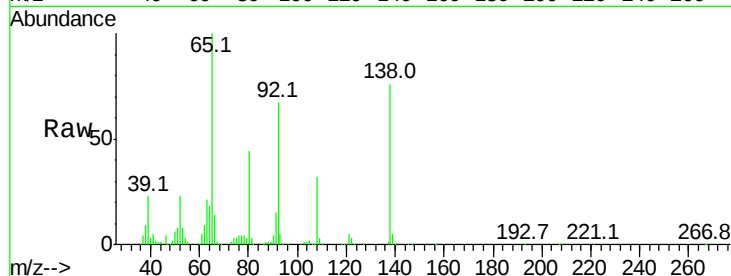
92 67.2 59.1 88.7

138 76.0 93.9 140.9#

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#48

Acenaphthylene

Concen: 38.749 ng

RT: 13.76 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

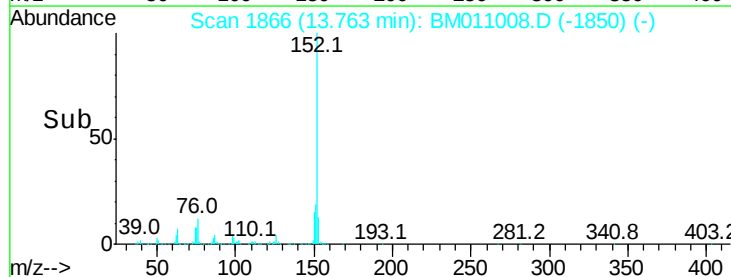
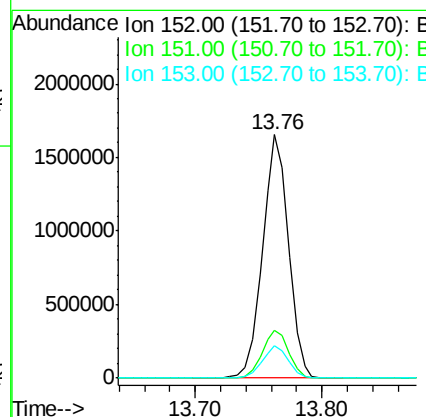
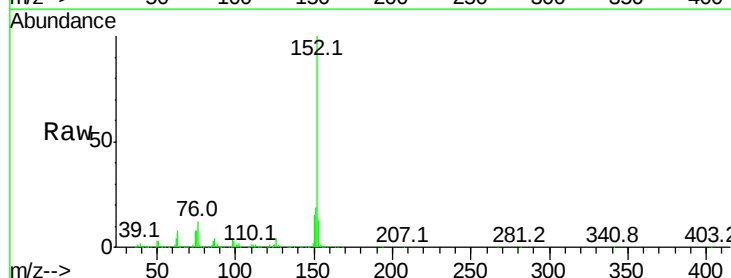
Tgt Ion: 152 Resp: 2352828

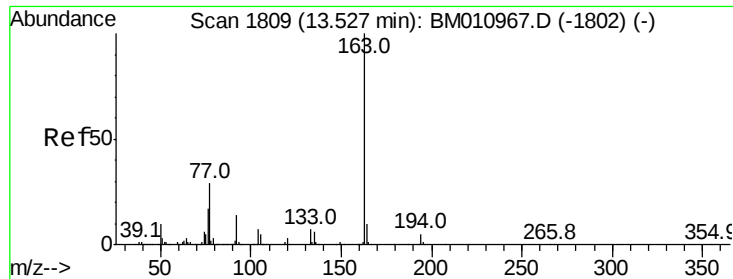
Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 13.4 10.6 16.0





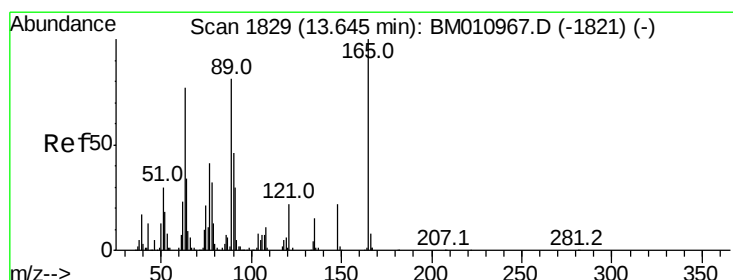
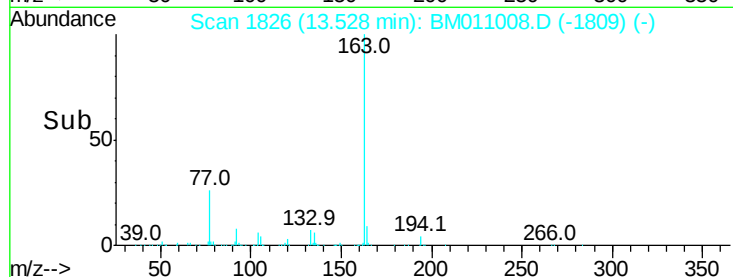
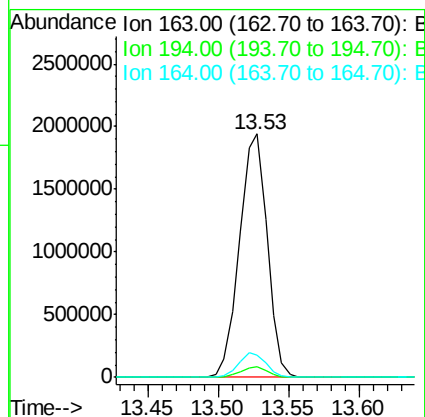
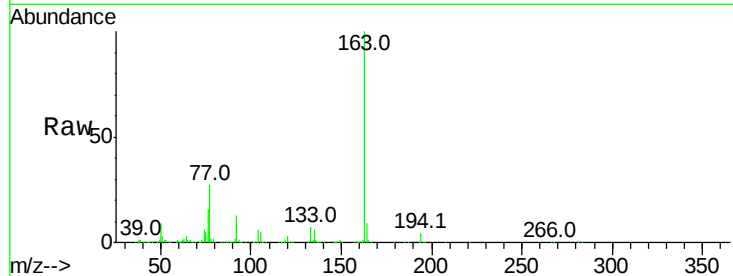
#49
Dimethylphthalate
Concen: 48.707 ng
RT: 13.53 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.4	8.2	12.2

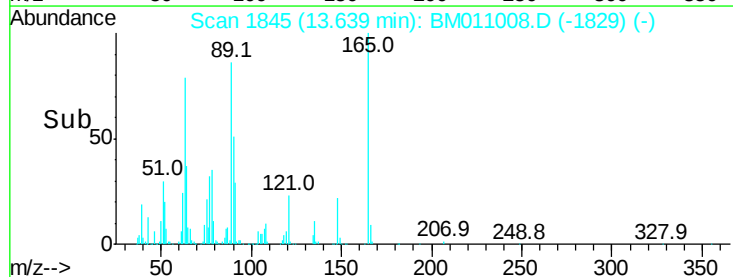
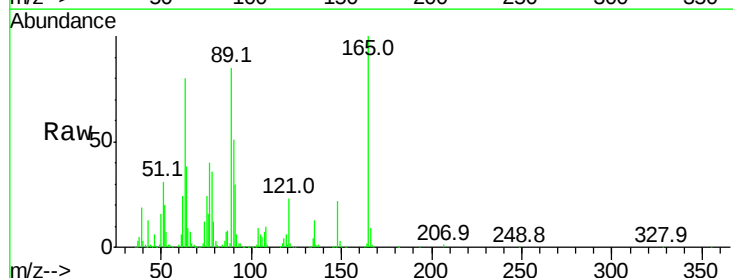
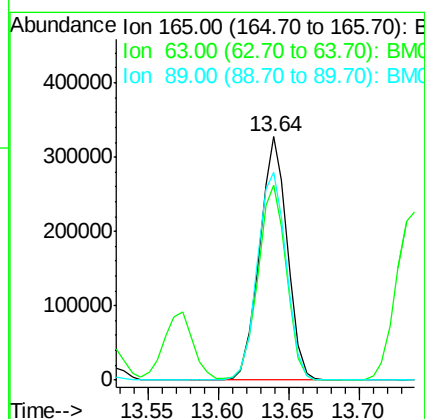
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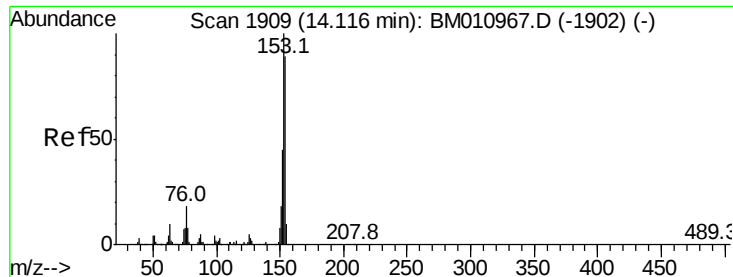
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.982 ng
RT: 13.64 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.9	44.1	66.1#
89	85.5	44.3	66.5#





#51

Acenaphthene

Concen: 38.643 ng

RT: 14.12 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:154 Resp: 1452828

Ion Ratio Lower Upper

154 100

153 111.4 90.0 135.0

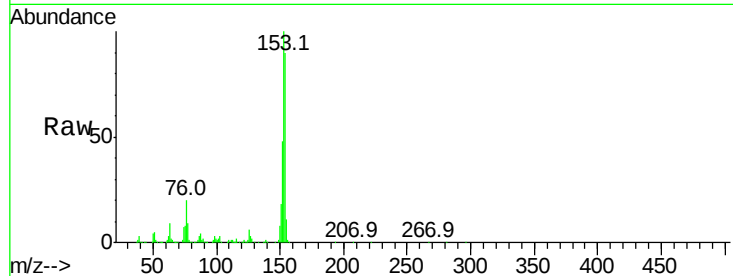
152 53.0 42.6 63.8

Manual Integrations

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Sohil

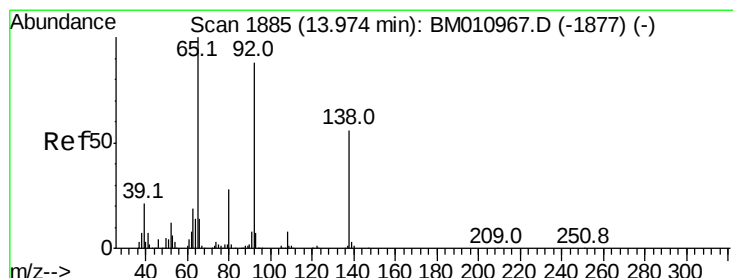
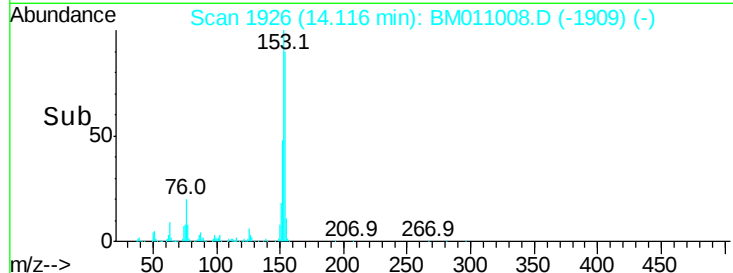
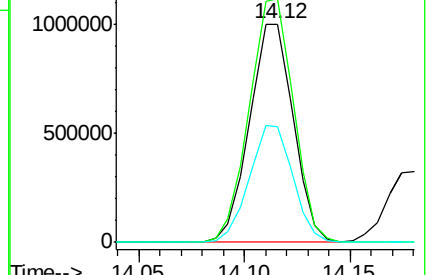
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.476 ng

RT: 13.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

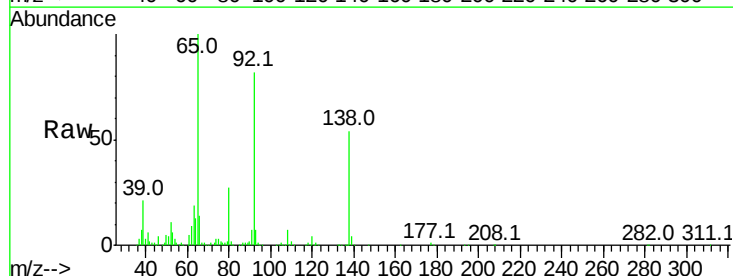
Tgt Ion:138 Resp: 407206

Ion Ratio Lower Upper

138 100

108 13.3 7.3 10.9#

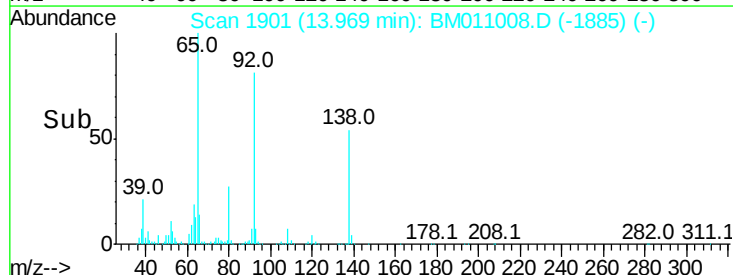
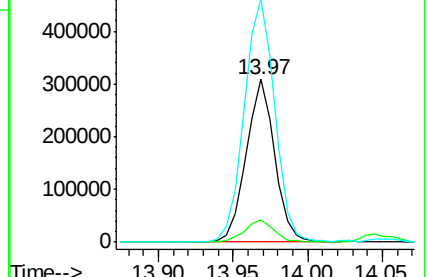
92 149.8 76.6 114.8#

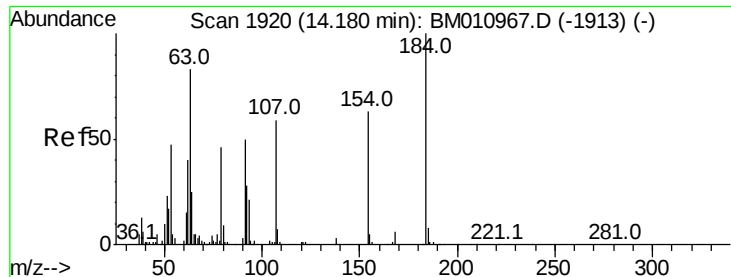


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





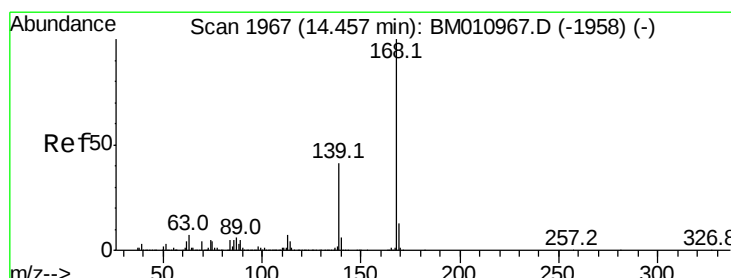
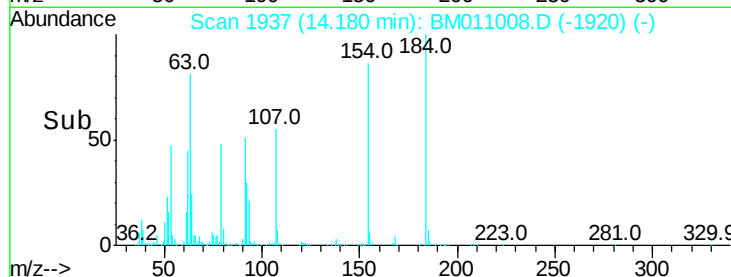
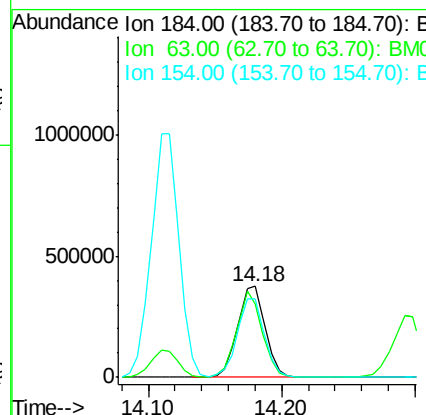
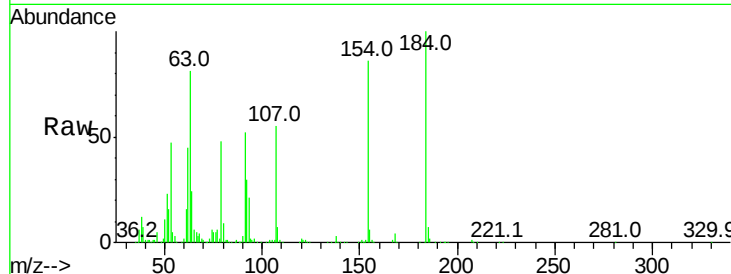
#53
2,4-Dinitrophenol
Concen: 69.272 ng
RT: 14.18 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.2	69.2	103.8
154	86.4	53.3	79.9#

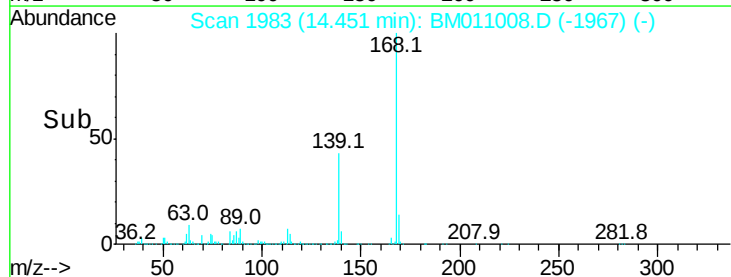
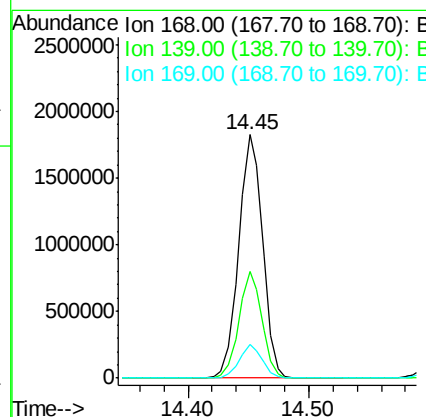
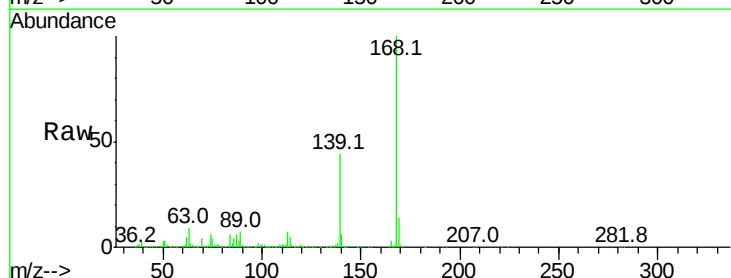
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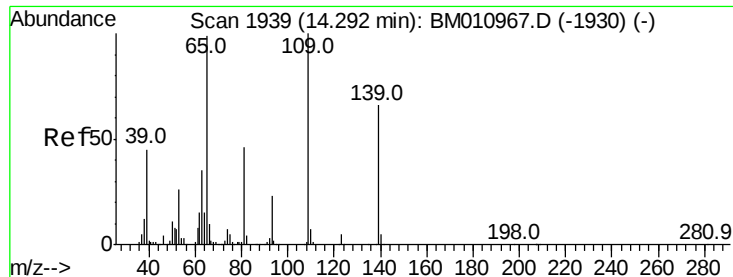
Sohil
7/28/2017 4:44:59 PM



#54
Dibenzofuran
Concen: 41.259 ng
RT: 14.45 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	27.3	40.9#
169	14.0	10.6	16.0





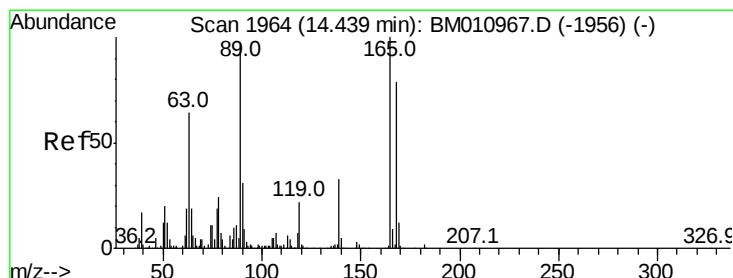
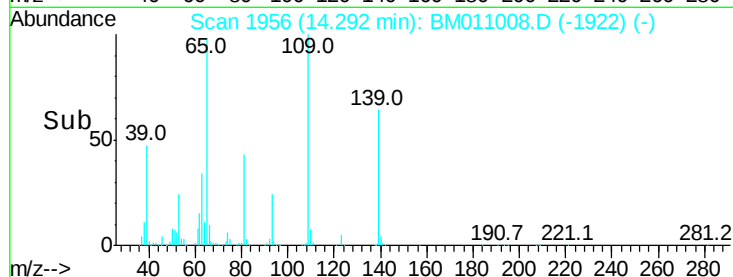
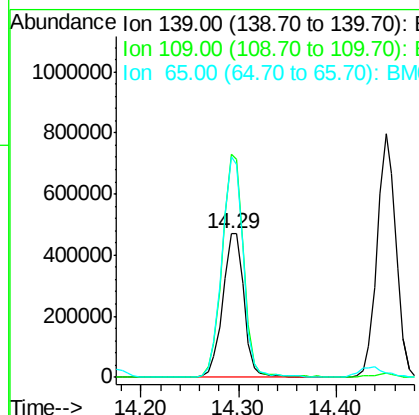
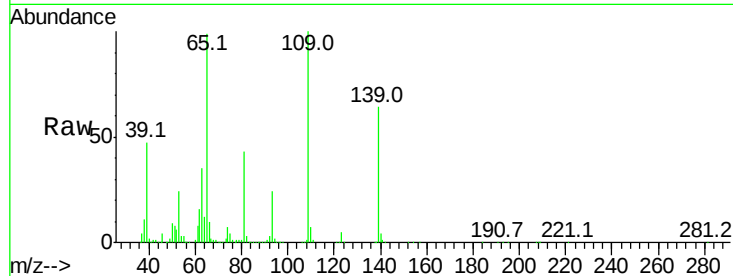
#55
4-Nitrophenol
Concen: 84.305 ng
RT: 14.29 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	155.3	130.0	170.0
65	153.3	130.0	170.0

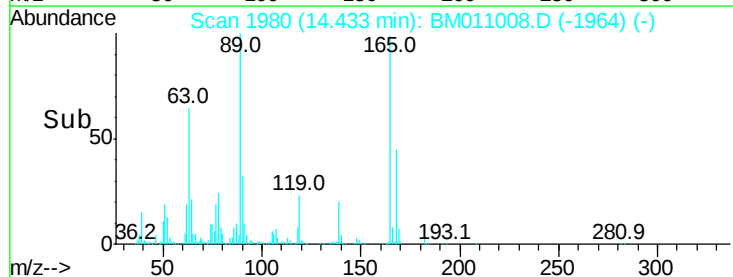
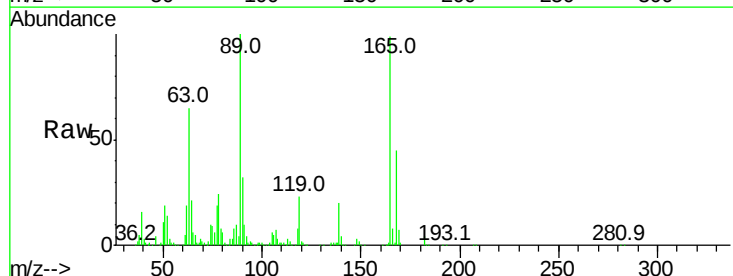
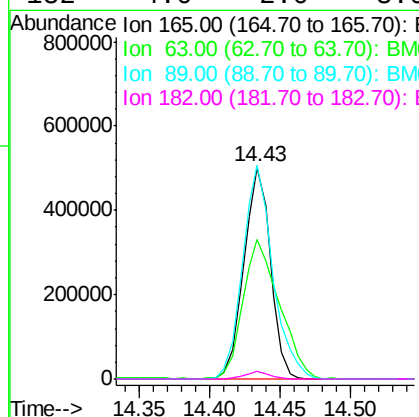
Manual Integrations
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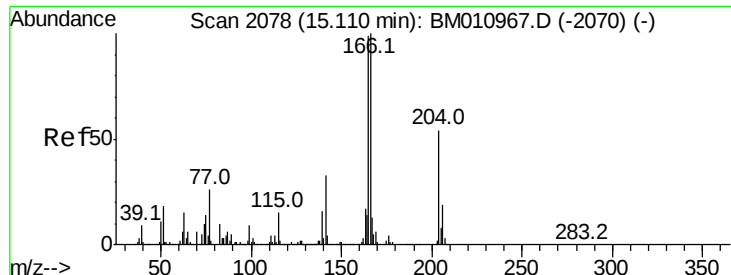
Sohil
7/28/2017 4:44:59 PM



#56
2,4-Dinitrotoluene
Concen: 42.525 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	52.4	78.6
89	101.1	72.4	108.6
182	4.0	2.0	3.0#





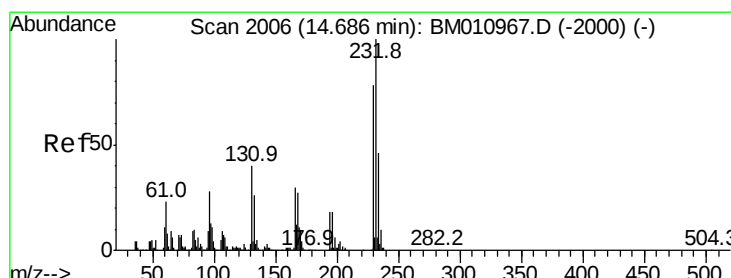
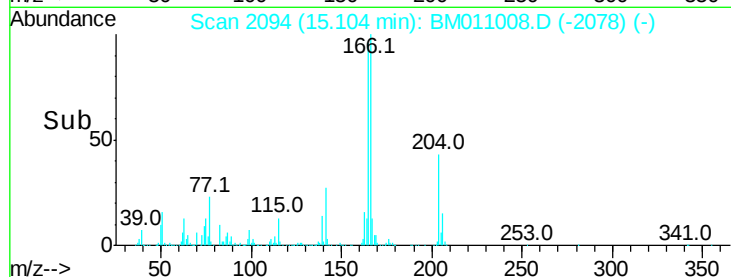
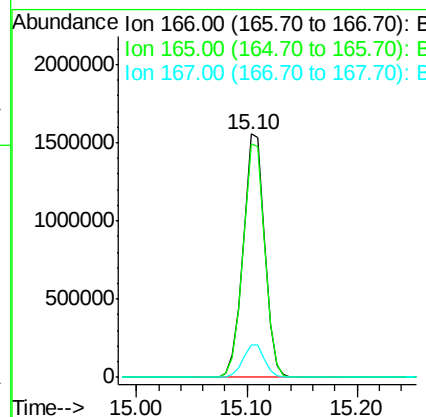
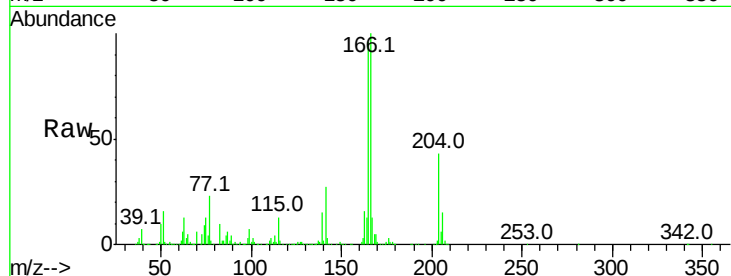
#57
Fluorene
 Concen: 40.024 ng
 RT: 15.10 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.8	79.0	118.4
167	13.5	10.3	15.5

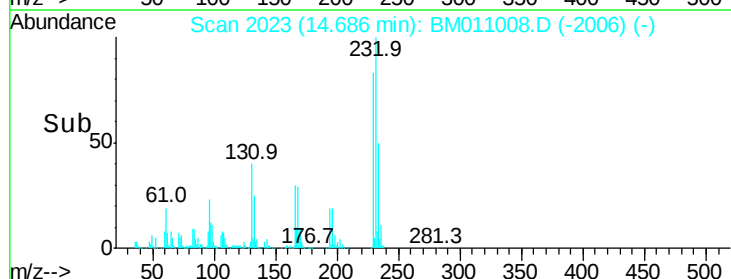
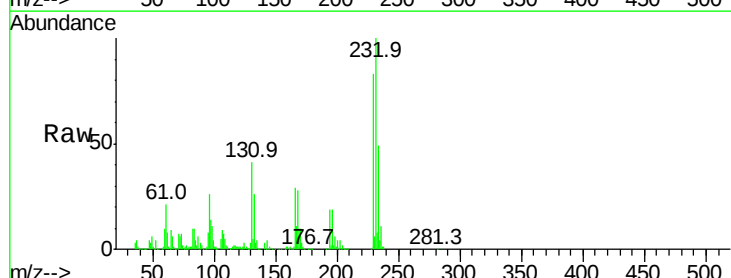
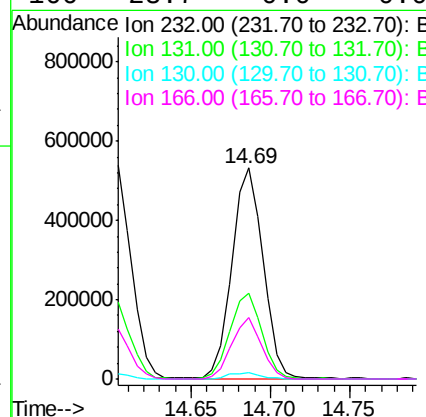
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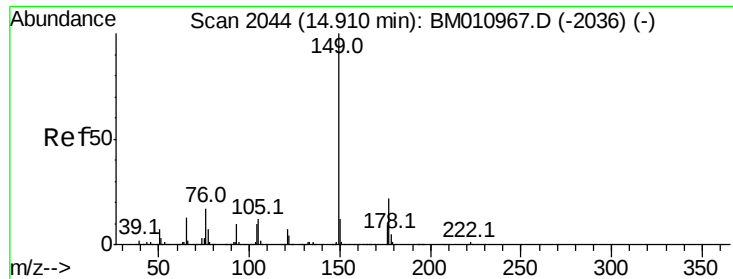
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.164 ng
 RT: 14.69 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	0.0	0.0#
130	2.9	0.0	0.0#
166	28.7	0.0	0.0#





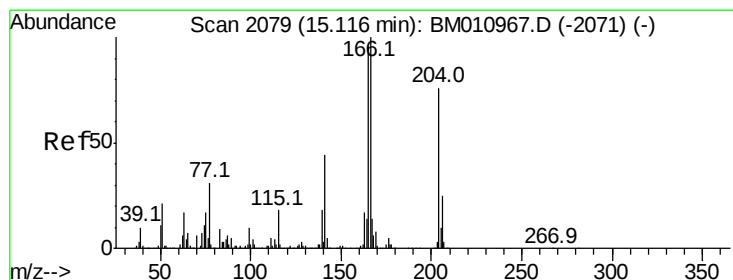
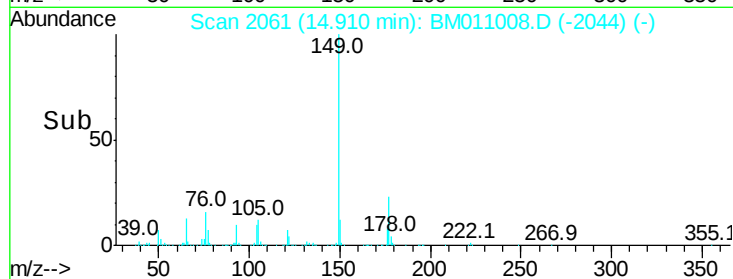
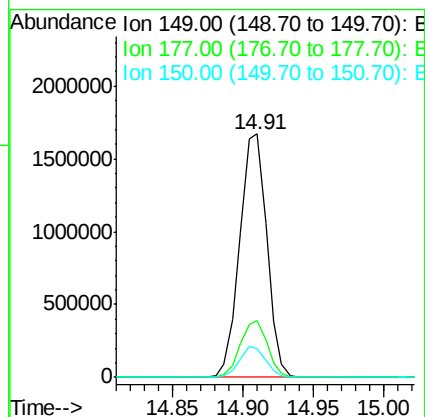
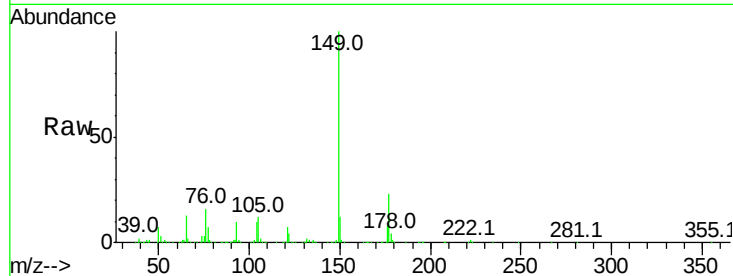
#59
Diethylphthalate
Concen: 40.266 ng
RT: 14.91 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	11.9	9.8	14.8

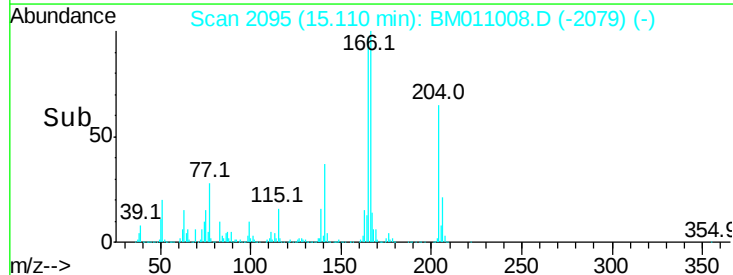
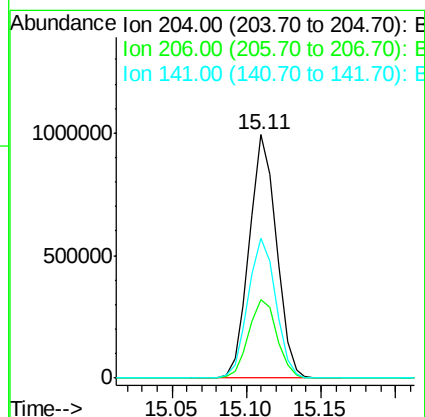
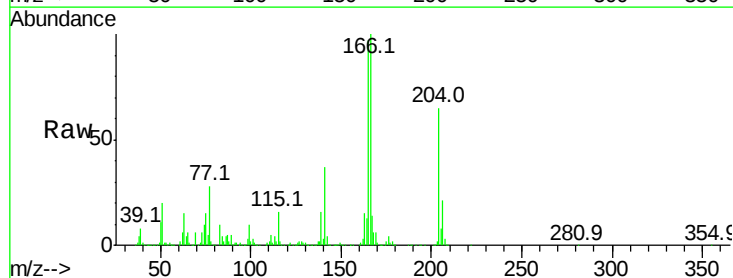
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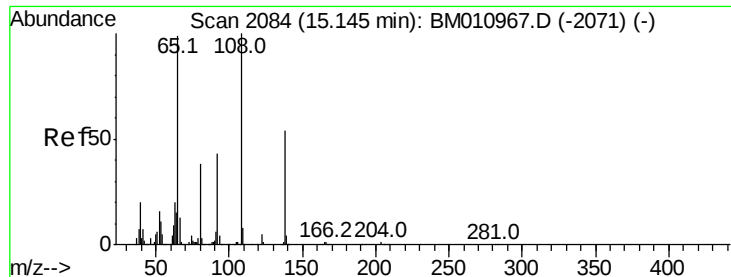
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.873 ng
RT: 15.11 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	57.6	45.2	67.8





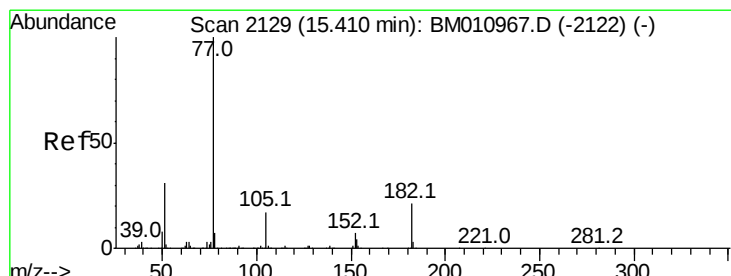
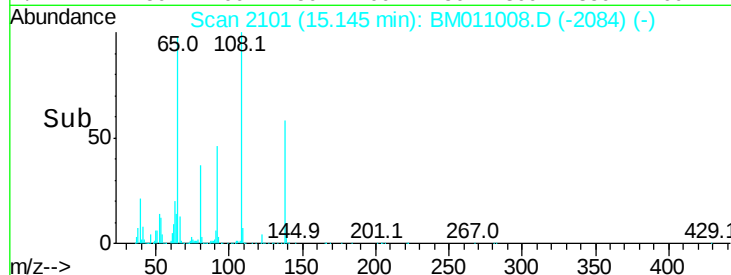
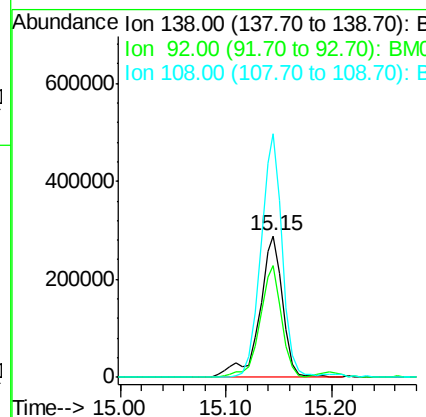
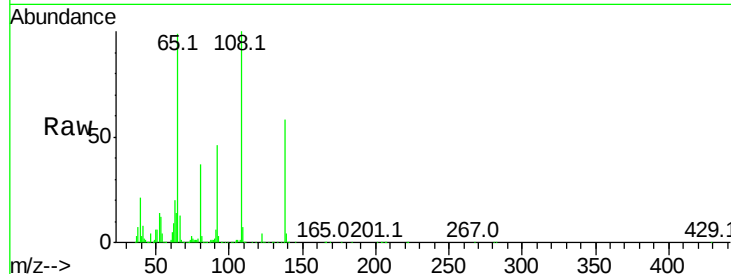
#61
4-Nitroaniline
Concen: 43.888 ng
RT: 15.15 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:138 Resp: 446908
Ion Ratio Lower Upper
138 100
92 78.7 16.7 56.7#
108 172.1 37.6 77.6#

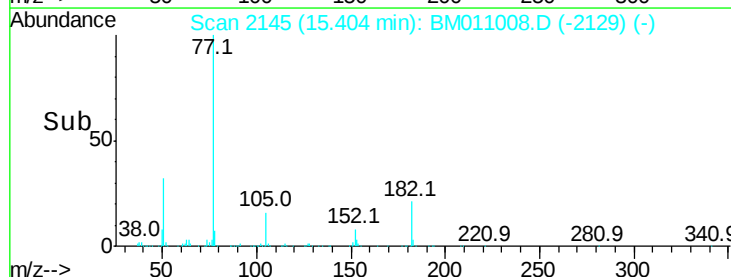
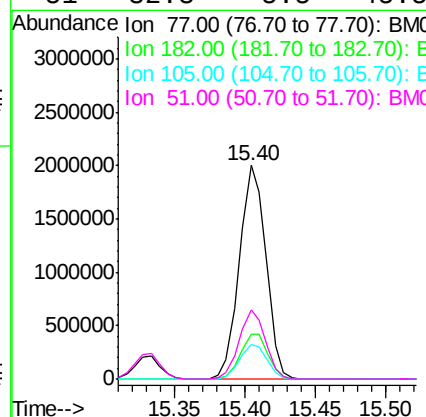
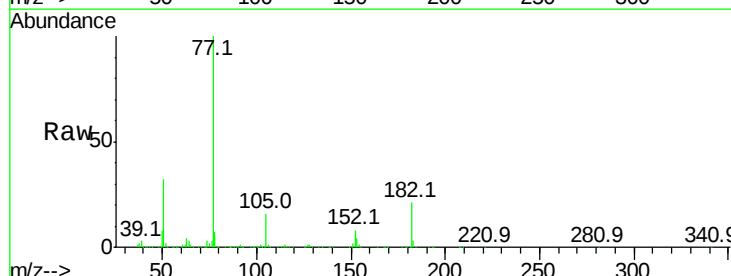
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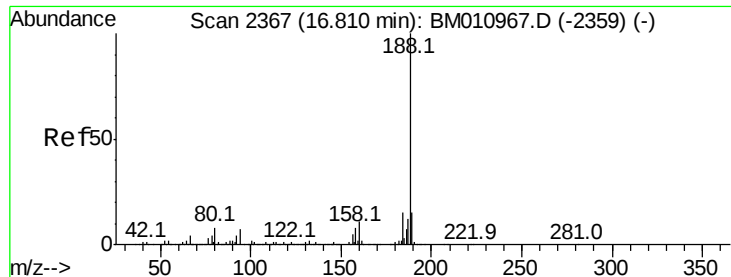
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#62
Azobenzene
Concen: 43.801 ng
RT: 15.40 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion: 77 Resp: 2615494
Ion Ratio Lower Upper
77 100
182 21.0 6.5 46.5
105 16.3 3.8 43.8
51 32.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

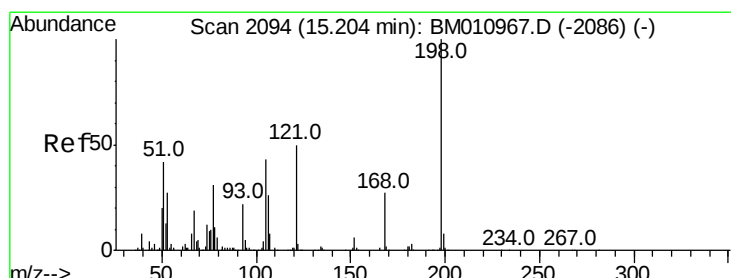
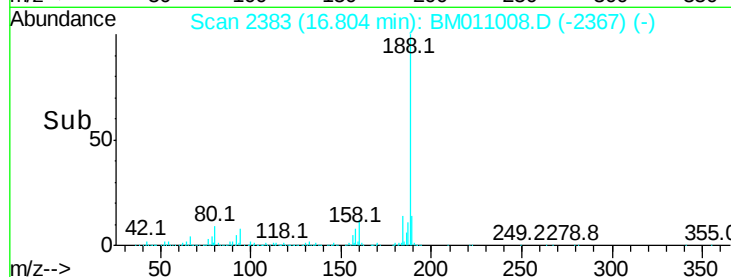
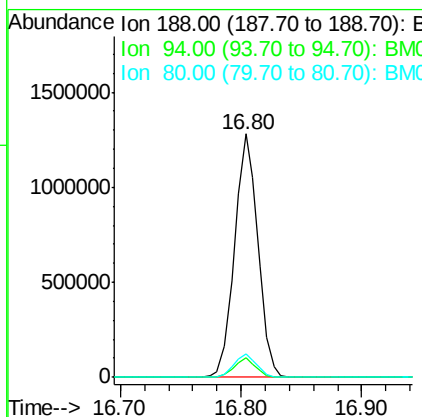
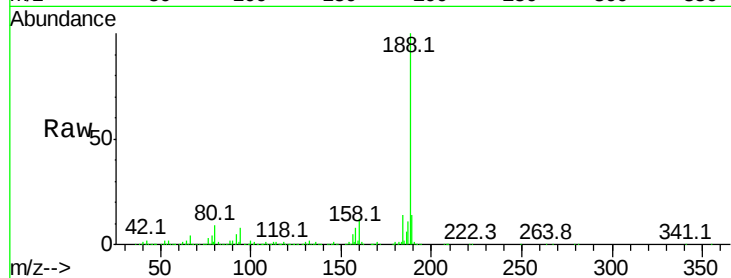
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	9.5	9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.517 ng

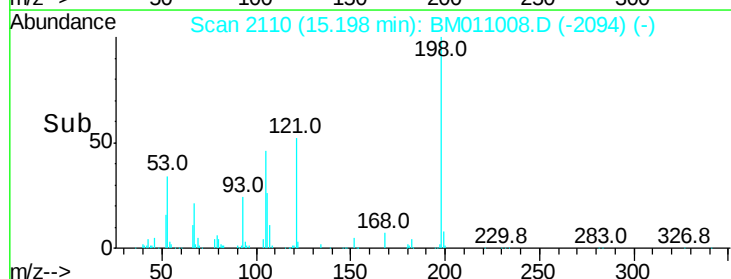
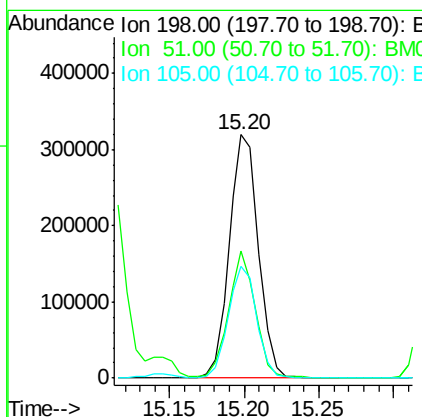
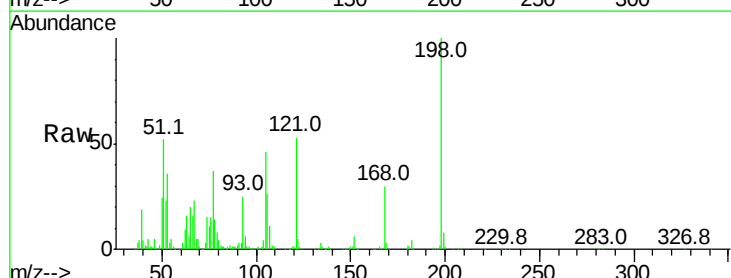
RT: 15.20 min Scan# 2110

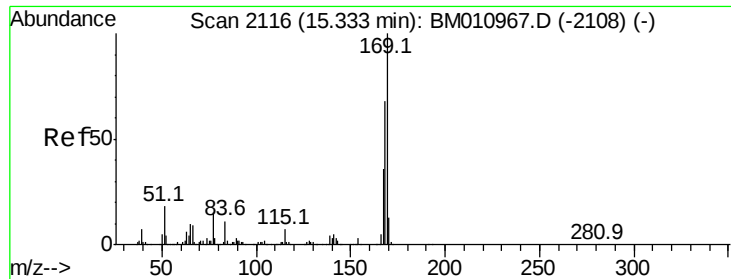
Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.2	28.8	68.8
105	45.8	30.5	70.5





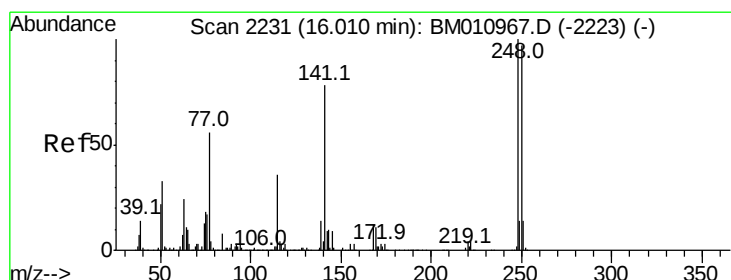
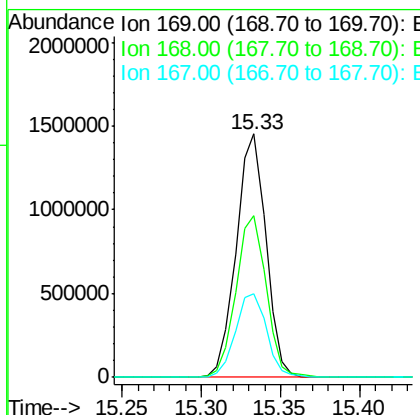
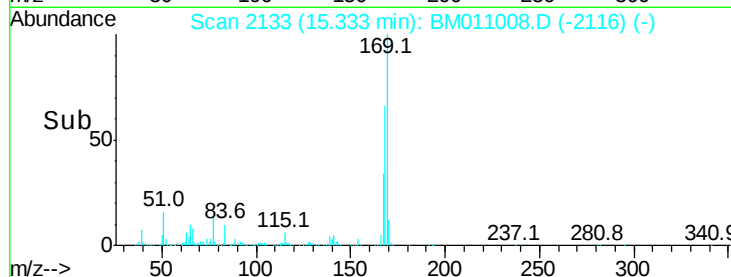
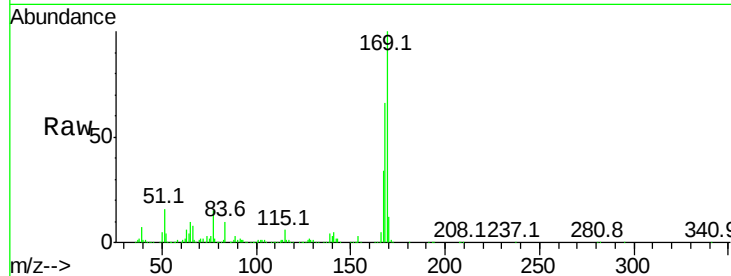
#65
n-Nitrosodiphenylamine
Concen: 38.399 ng
RT: 15.33 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.9	80.9
167	34.4	28.9	43.3

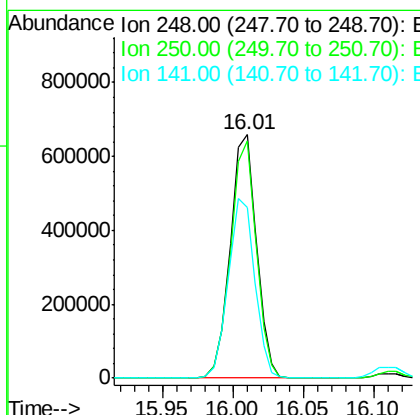
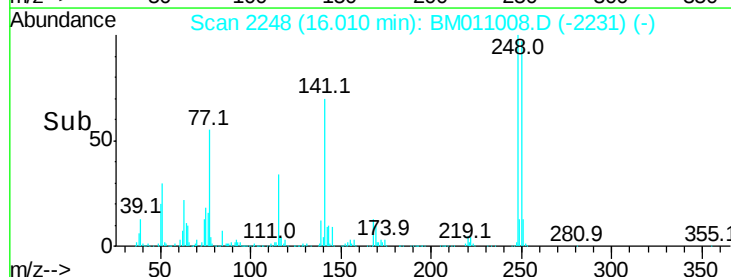
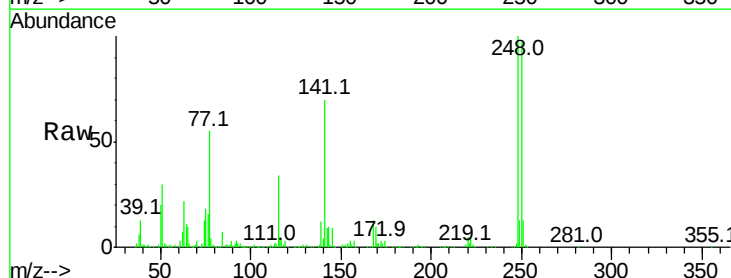
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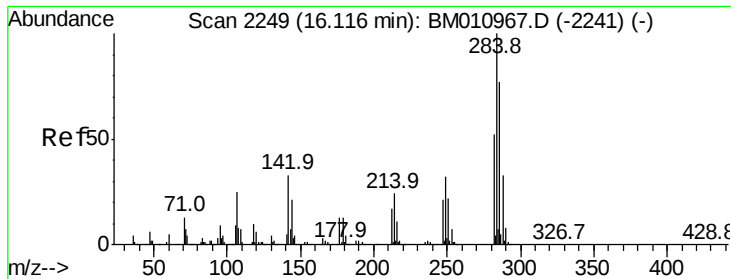
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#66
4-Bromophenyl-phenylether
Concen: 38.667 ng
RT: 16.01 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.0
141	69.9	45.2	67.8





#67

Hexachlorobenzene

Concen: 35.539 ng

RT: 16.11 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

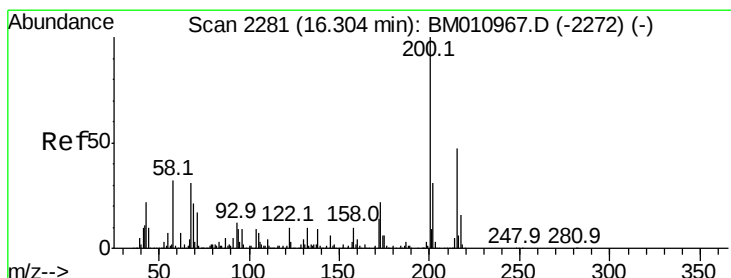
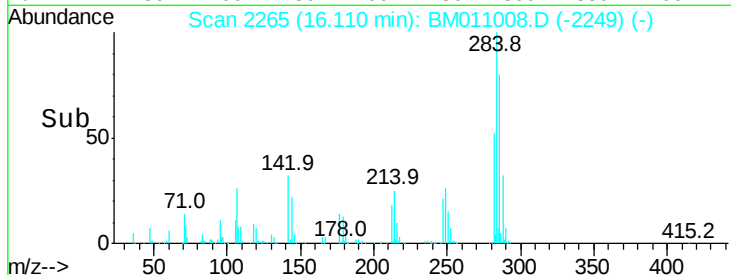
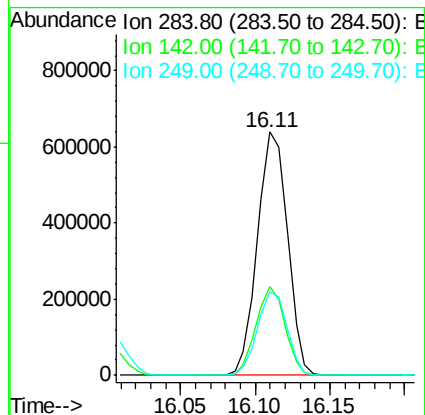
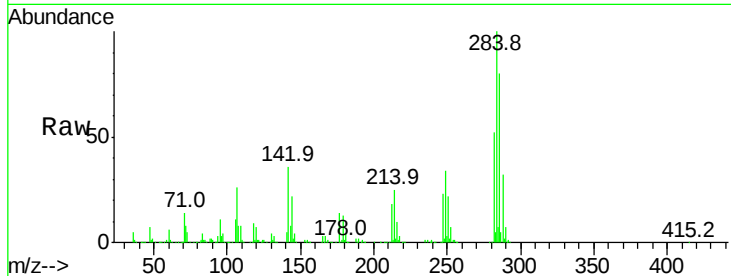
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	887162		
142	36.2	20.4	30.6#	
249	34.3	23.8	35.6	

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#68

Atrazine

Concen: 40.057 ng

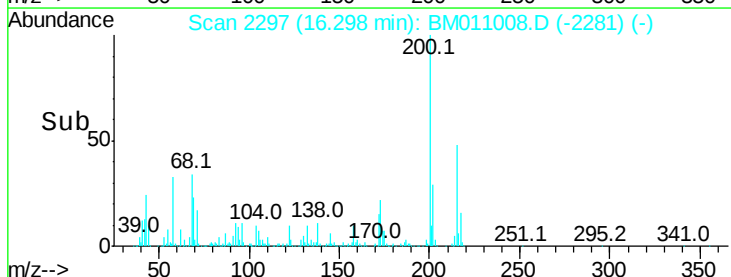
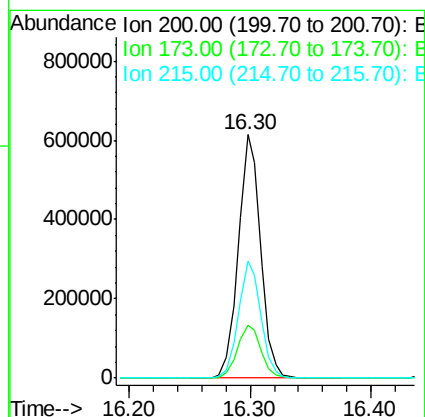
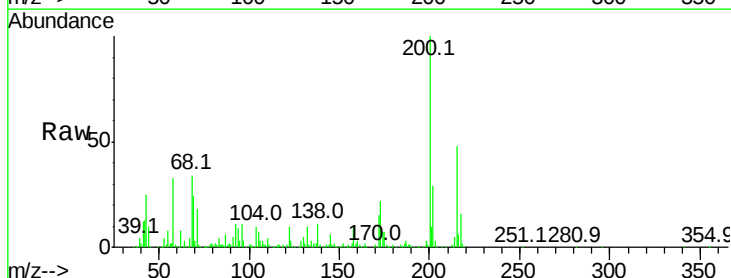
RT: 16.30 min Scan# 2297

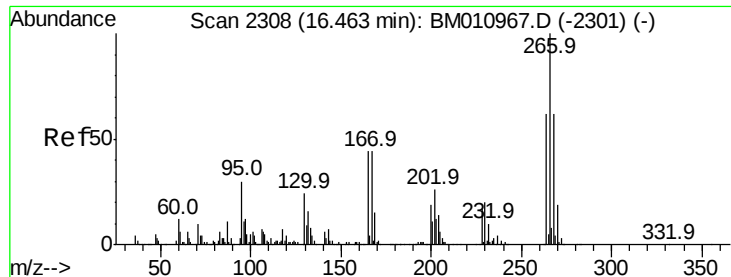
Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	789440		
173	21.7	4.8	44.8	
215	48.0	26.9	66.9	





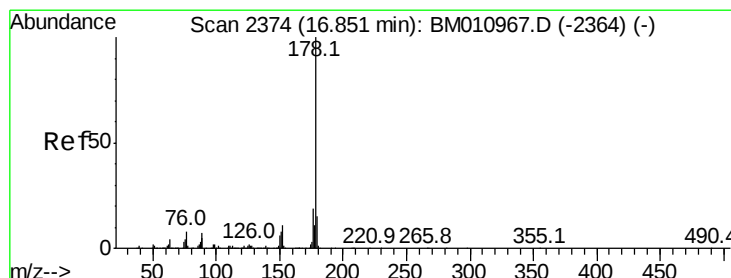
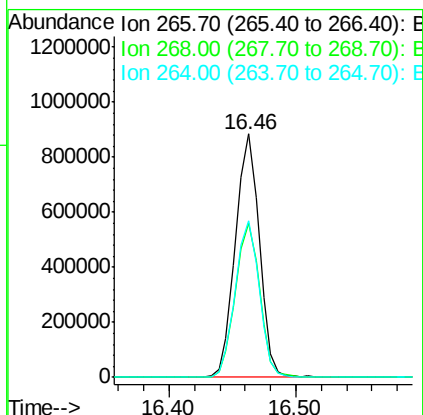
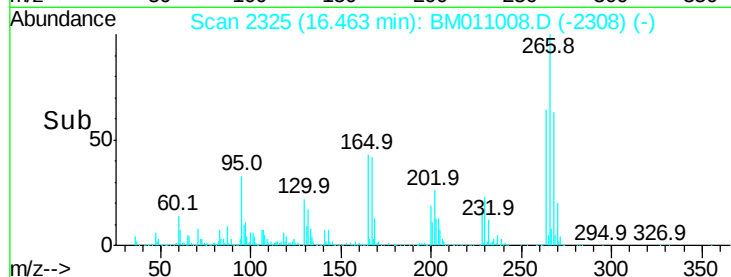
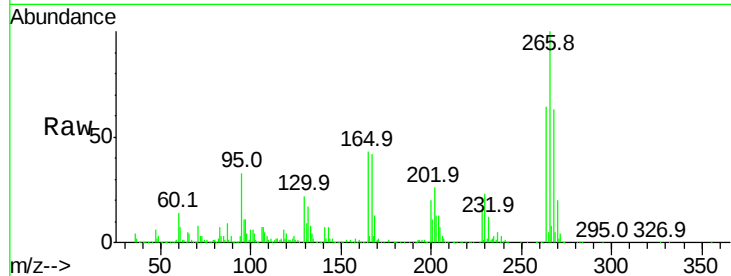
#69
 Pentachlorophenol
 Concen: 72.967 ng
 RT: 16.46 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.0	78.0
264	64.2	49.0	73.4

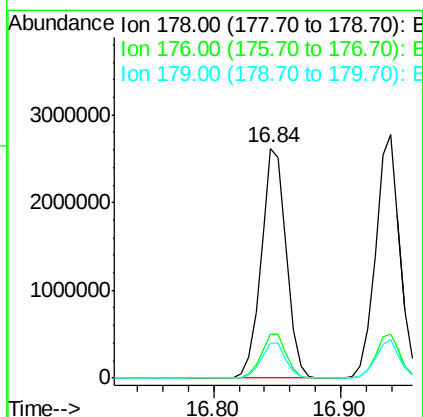
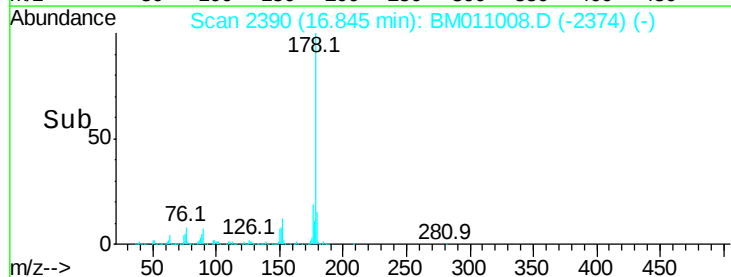
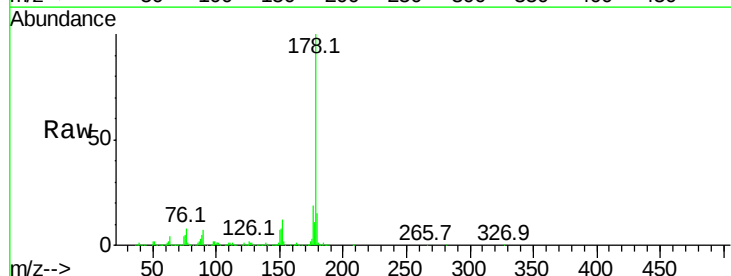
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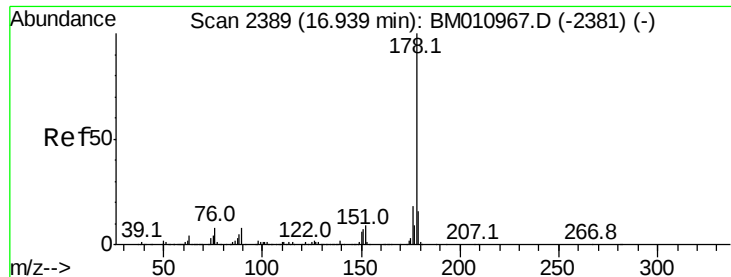
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#70
 Phenanthrene
 Concen: 39.741 ng
 RT: 16.84 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.2	12.1	18.1





#71
 Anthracene
 Concen: 40.813 ng
 RT: 16.94 min Scan# 2406
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

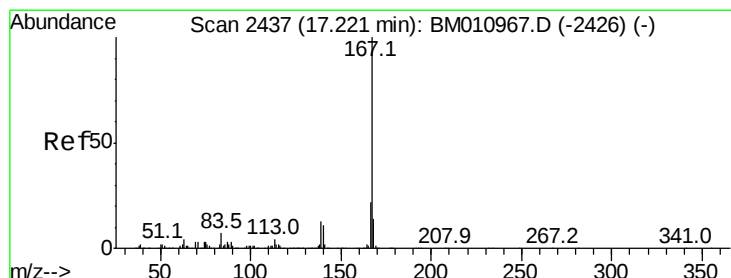
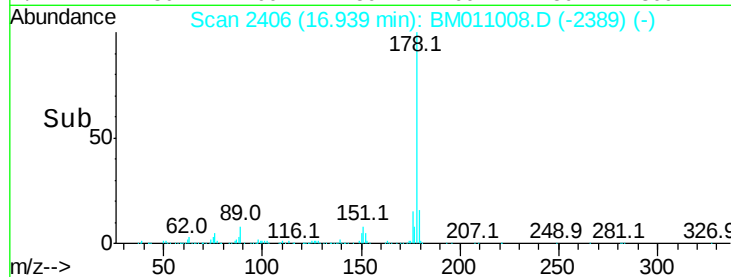
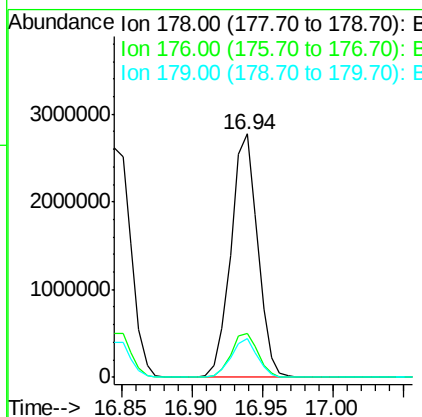
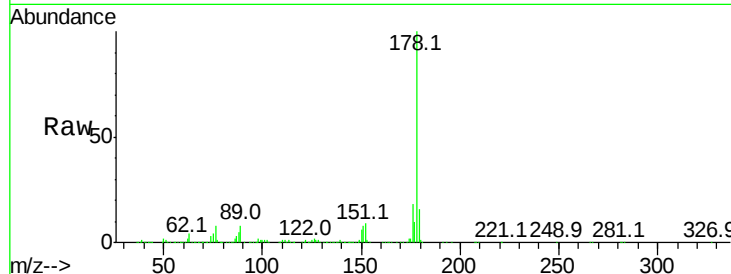
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:178 Resp: 3662487

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	16.0	12.6	19.0

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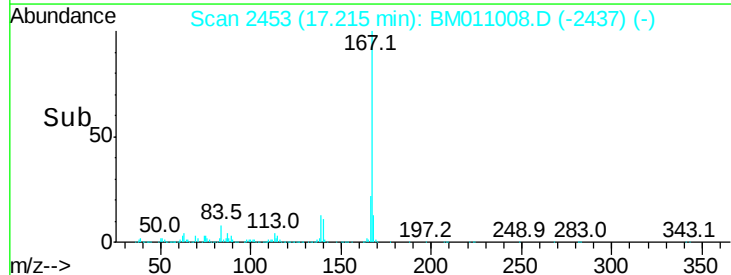
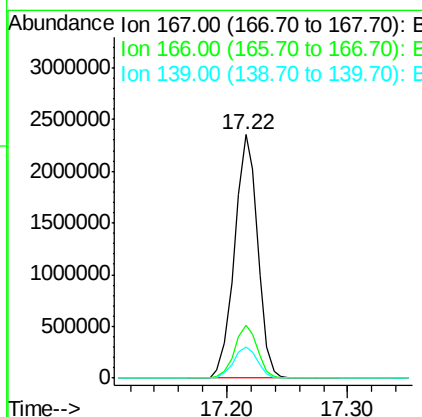
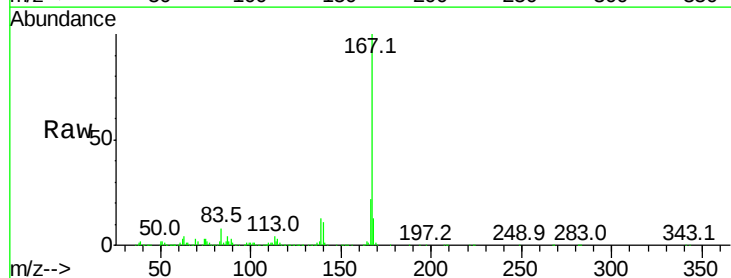
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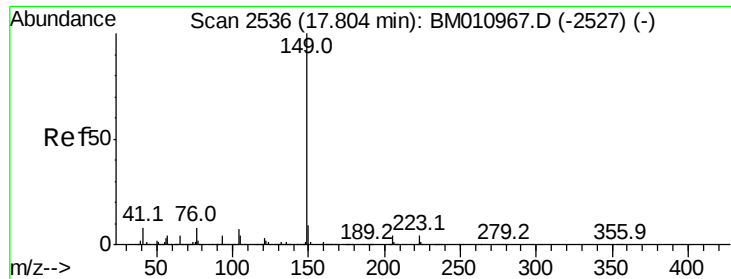


#72
 Carbazole
 Concen: 40.032 ng
 RT: 17.22 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion:167 Resp: 3141704

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.6	10.8	16.2





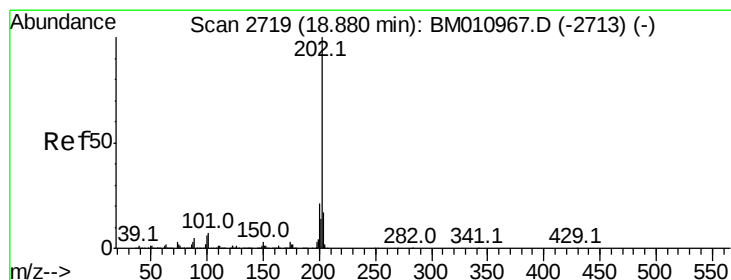
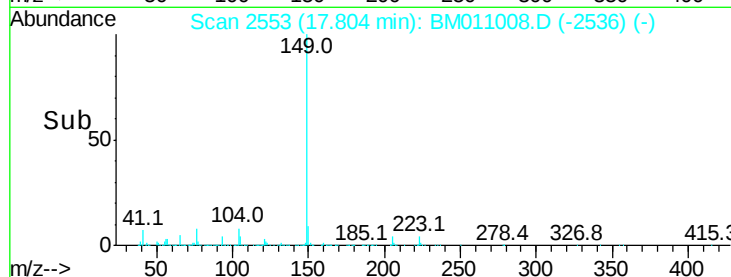
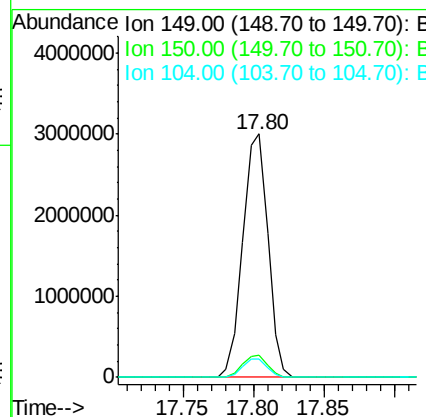
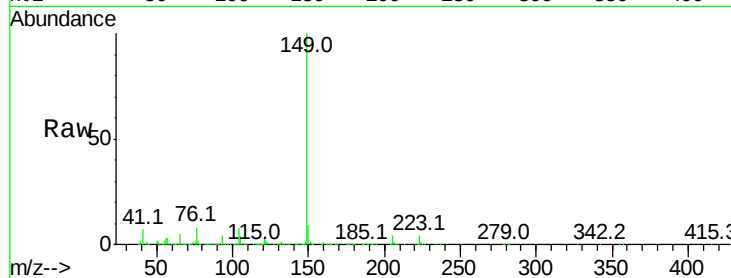
#73
Di-n-butylphthalate
Concen: 39.165 ng
RT: 17.80 min Scan# 2553
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:149 Resp: 3743009
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 7.5 3.7 5.5#

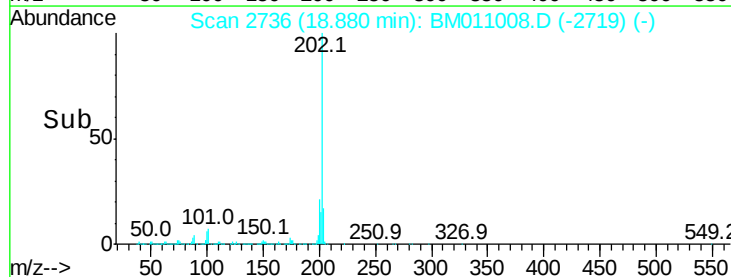
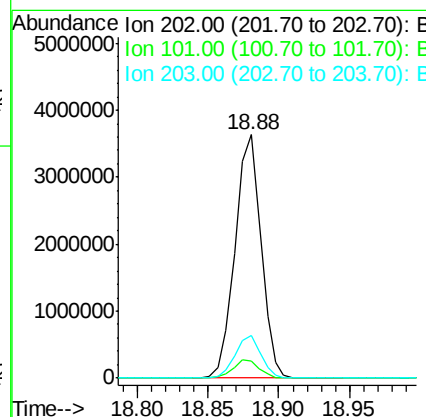
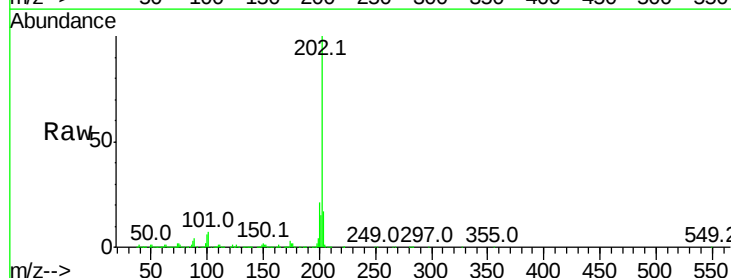
Manual Integrations
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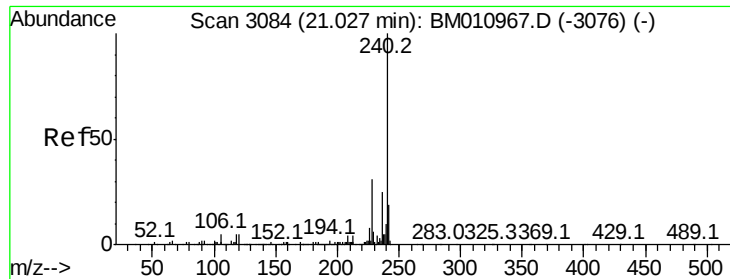
Sohil
7/28/2017 4:44:59 PM



#74
Fluoranthene
Concen: 41.881 ng
RT: 18.88 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion:202 Resp: 4669966
Ion Ratio Lower Upper
202 100
101 7.2 0.0 28.7
203 17.3 0.0 37.2





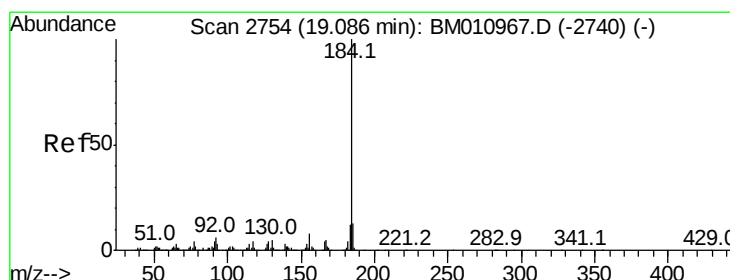
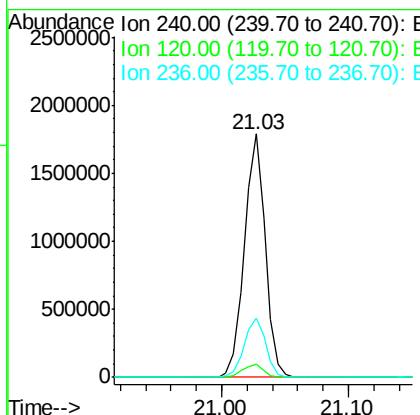
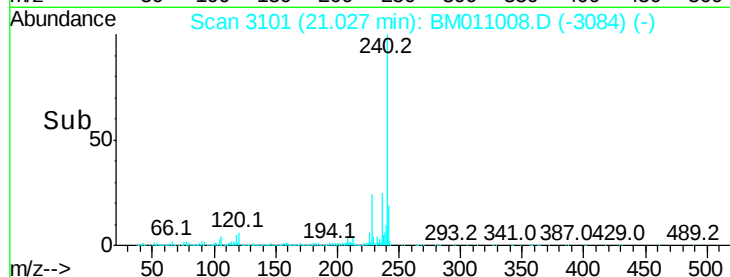
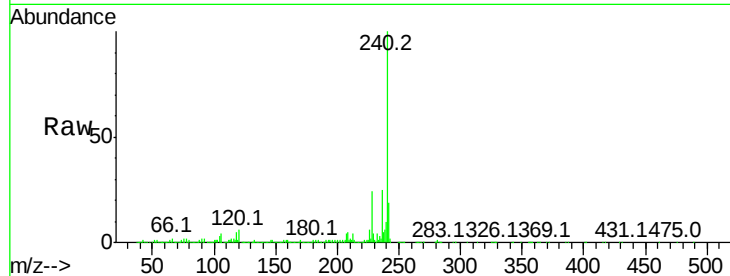
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:240 Resp: 2033977
 Ion Ratio Lower Upper
 240 100
 120 5.6 8.2 12.2#
 236 24.5 20.0 30.0

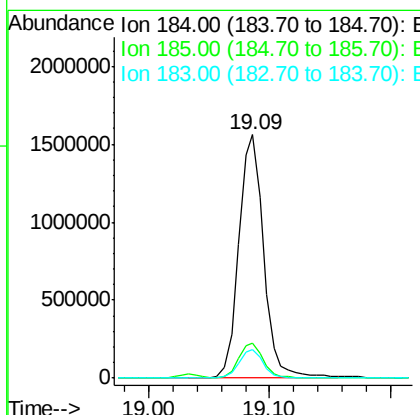
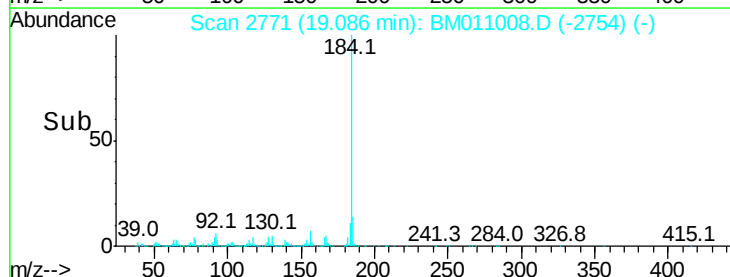
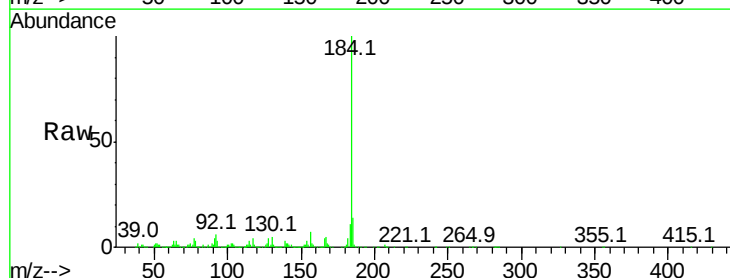
Manual Integrations
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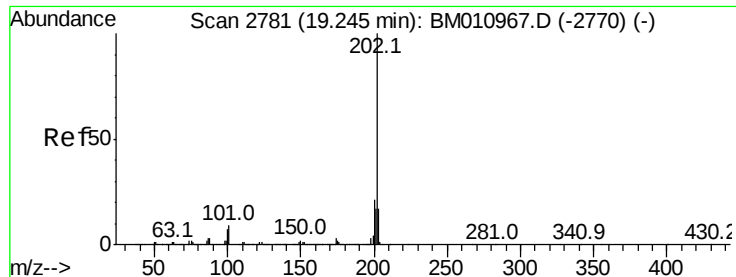
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#76
 Benzidine
 Concen: 46.073 ng
 RT: 19.09 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion:184 Resp: 2241847
 Ion Ratio Lower Upper
 184 100
 185 14.3 11.3 16.9
 183 11.5 8.9 13.3





#77

Pvrene

Concen: 38.352 ng

RT: 19.24 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

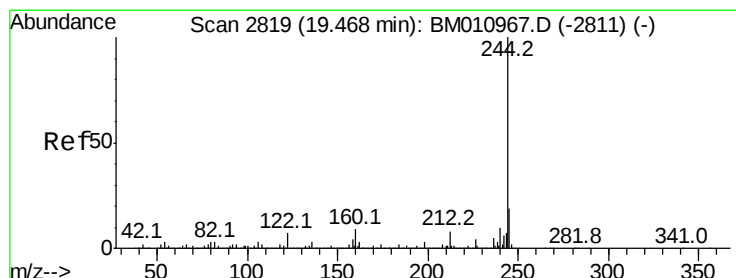
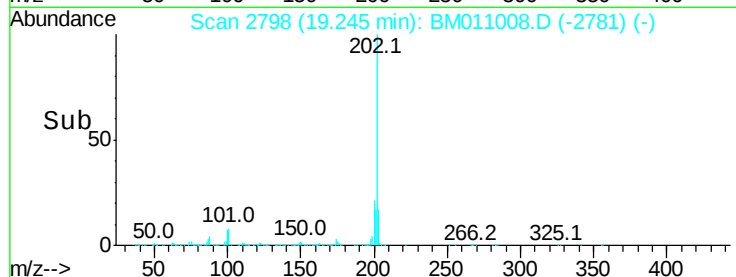
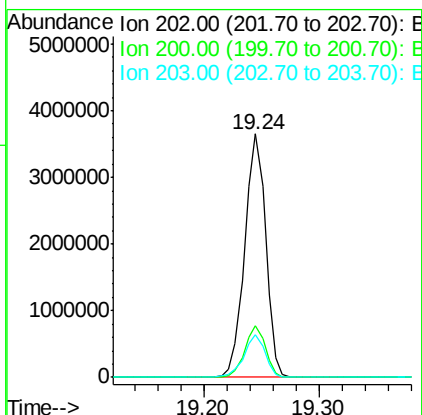
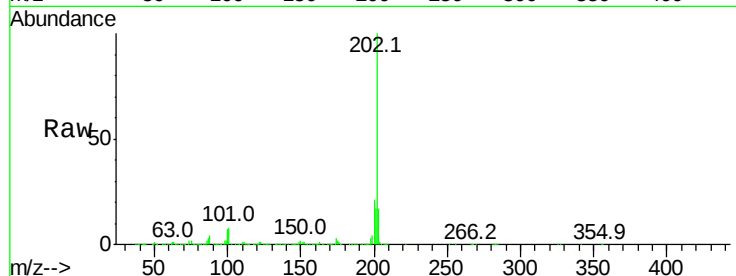
ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.1	21.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 69.872 ng

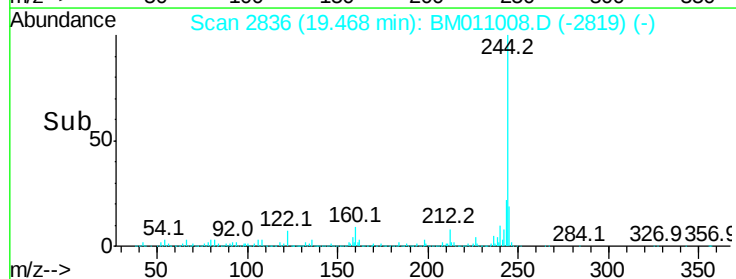
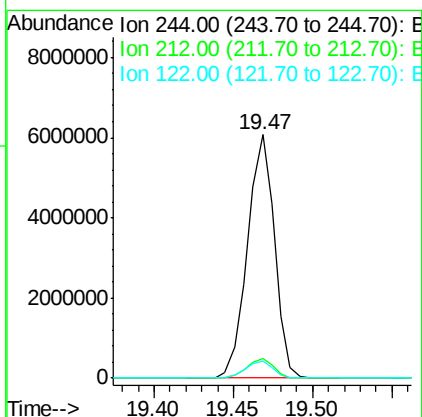
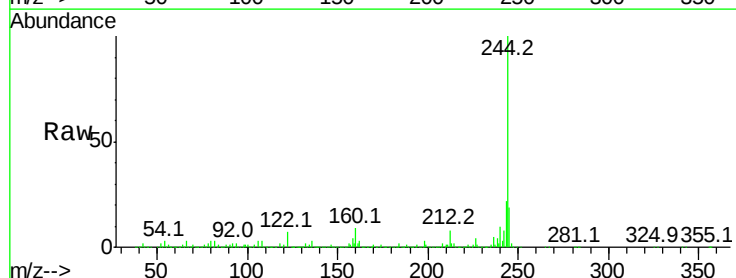
RT: 19.47 min Scan# 2836

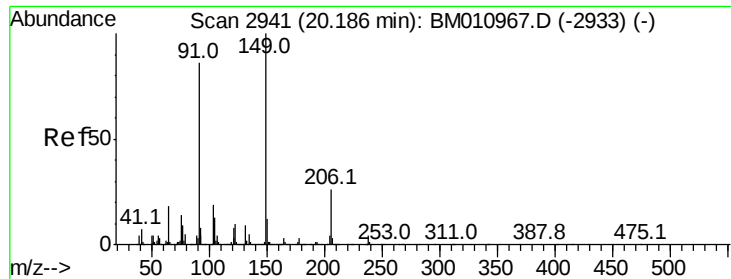
Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	6.9	6.2	9.4





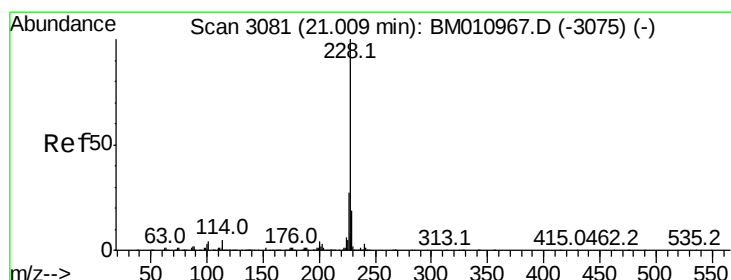
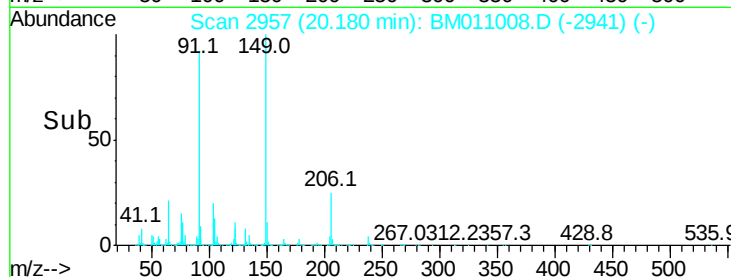
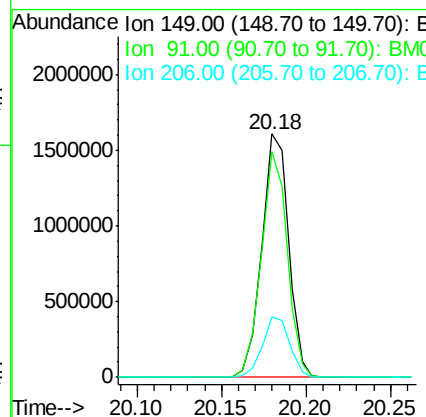
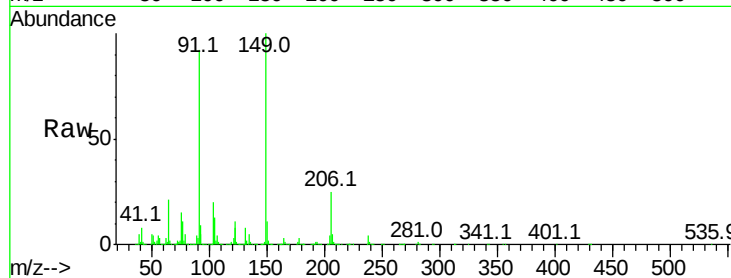
#79
Butylbenzylphthalate
Concen: 41.521 ng
RT: 20.18 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:149 Resp: 1784408
Ion Ratio Lower Upper
149 100
91 92.5 50.1 75.1#
206 24.6 16.2 24.2#

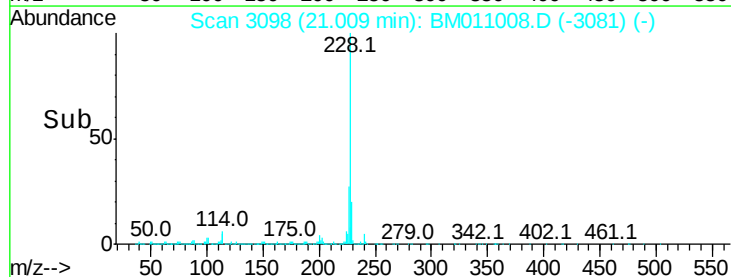
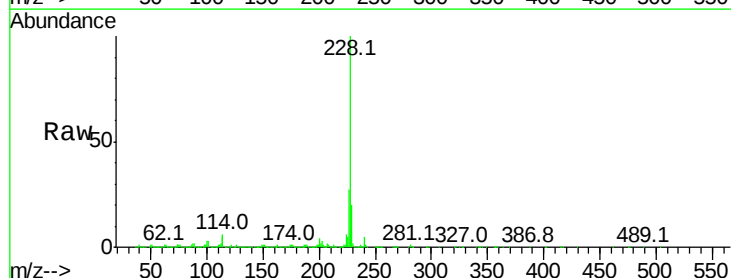
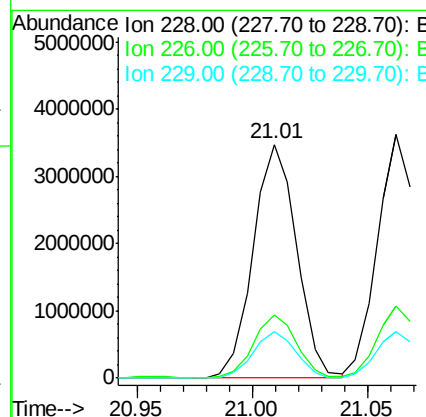
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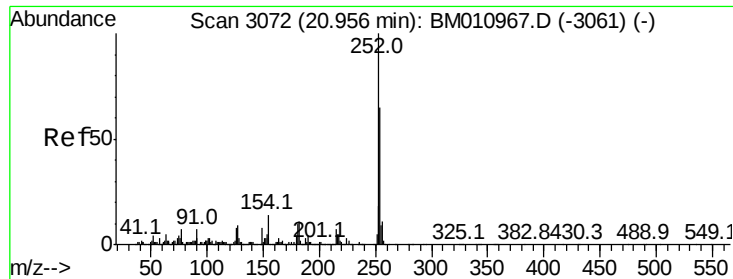
Sohil
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#80
Benzo(a)anthracene
Concen: 39.284 ng
RT: 21.01 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion:228 Resp: 4562402
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.9 16.0 24.0





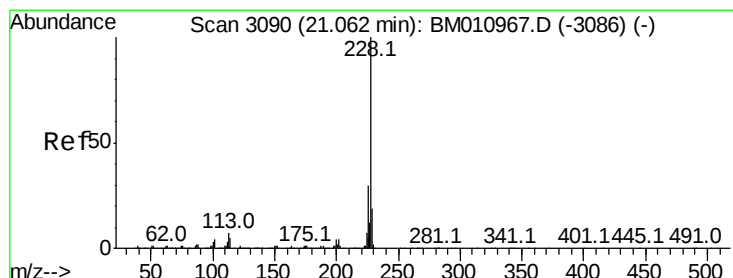
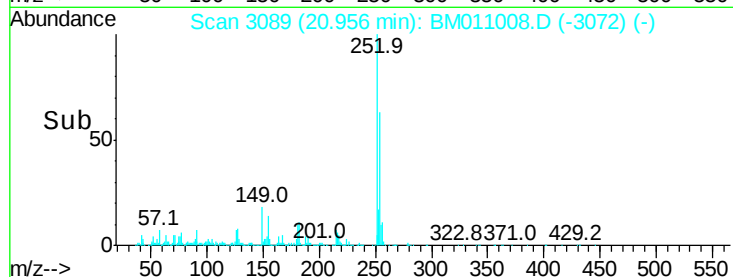
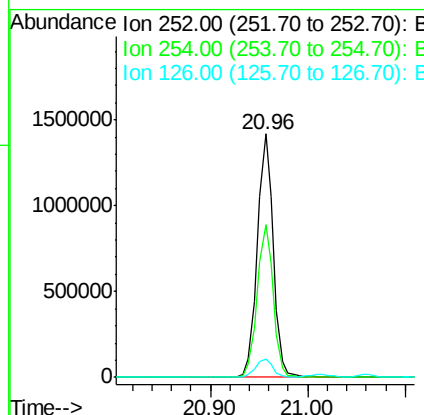
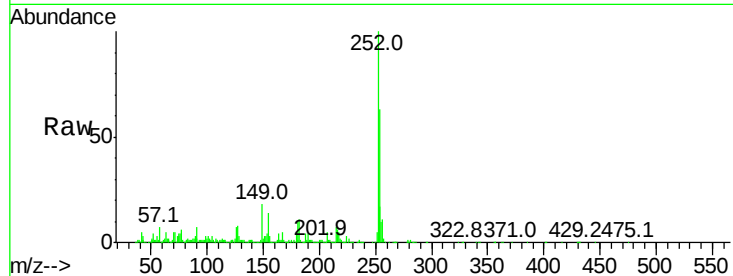
#81
 3,3'-Dichlorobenzidine
 Concen: 36.214 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	7.5	9.8	14.8

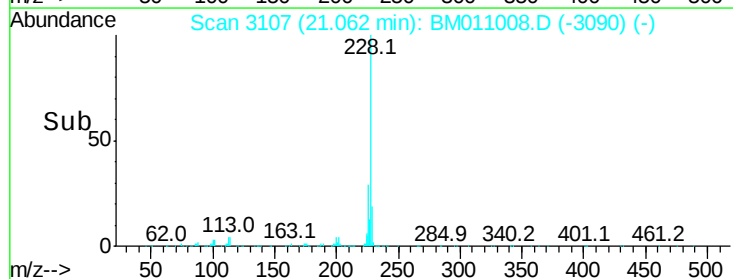
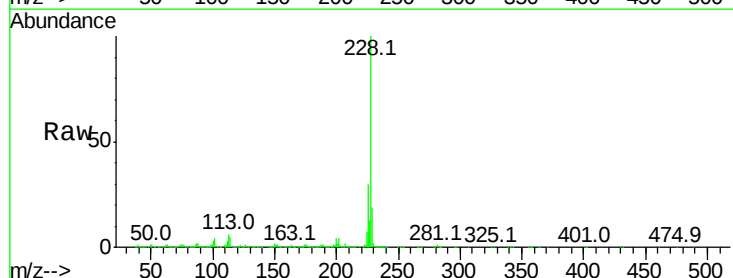
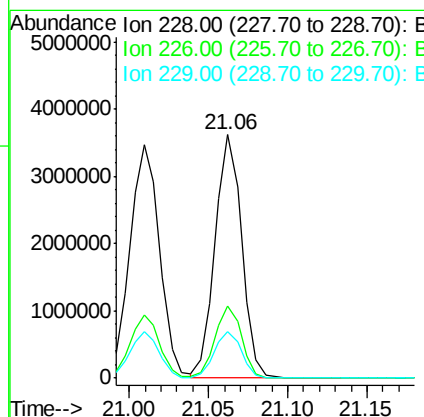
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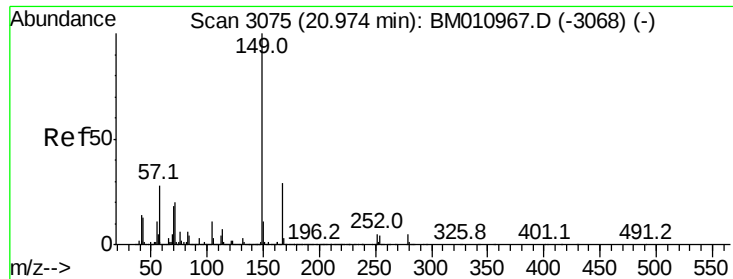
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#82
 Chrysene
 Concen: 37.928 ng
 RT: 21.06 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.1	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.083 ng

RT: 20.97 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Instrument :

BNA_M

ClientSampleId :

FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion:149 Resp: 2470950

Ion Ratio Lower Upper

149 100

167 29.0 22.4 33.6

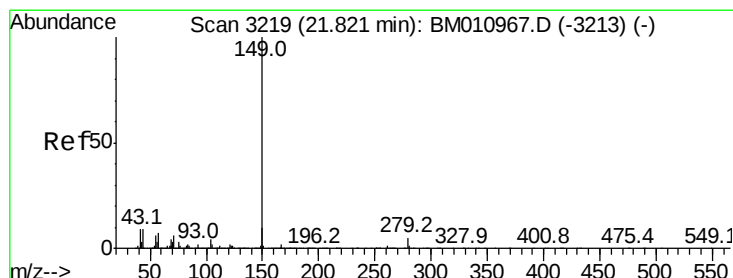
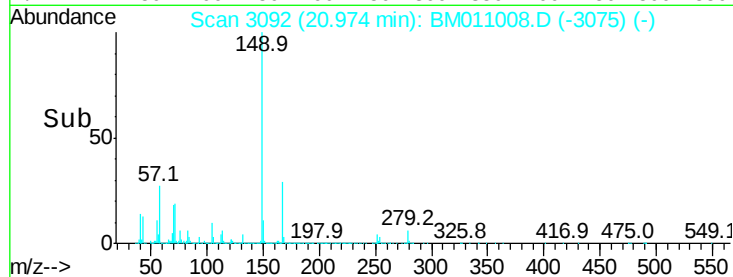
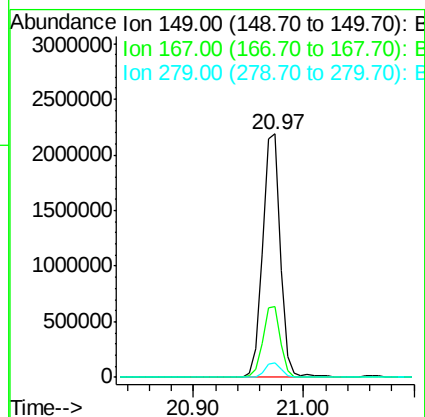
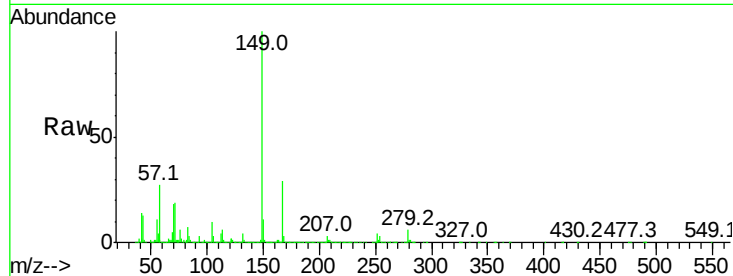
279 5.7 3.4 5.0#

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#84

Di-n-octyl phthalate

Concen: 37.742 ng

RT: 21.82 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

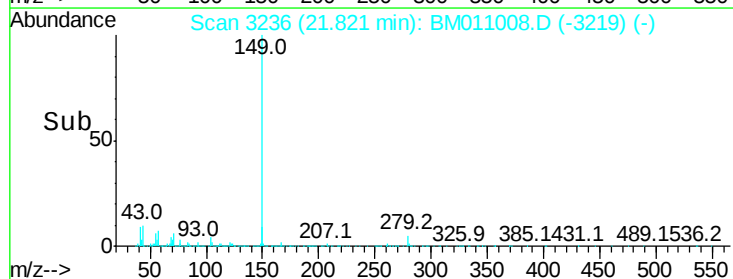
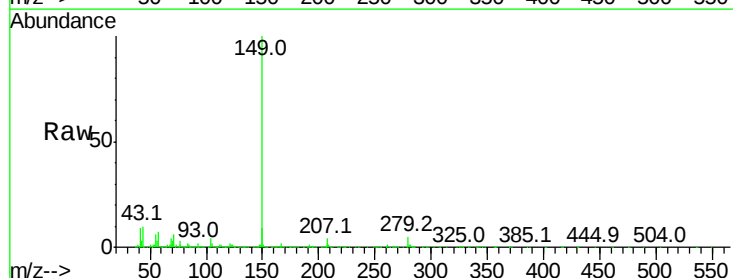
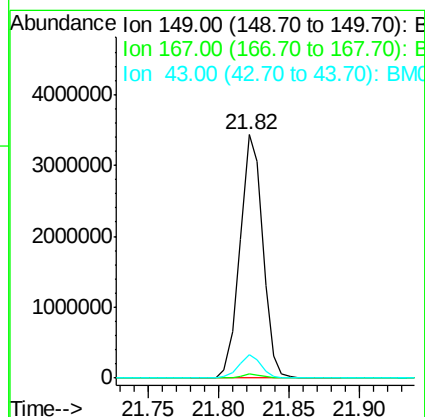
Tgt Ion:149 Resp: 3872760

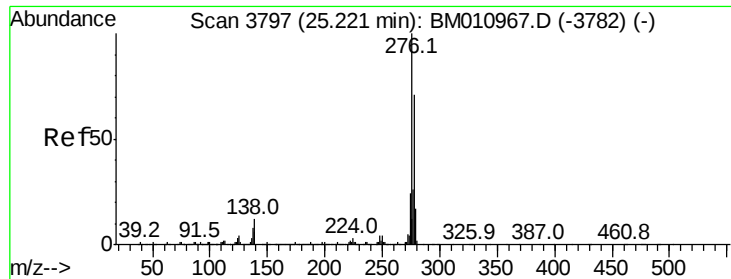
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.3 7.3 10.9





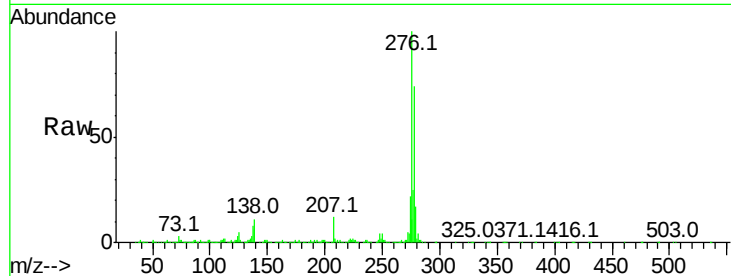
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.637 ng
RT: 25.21 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

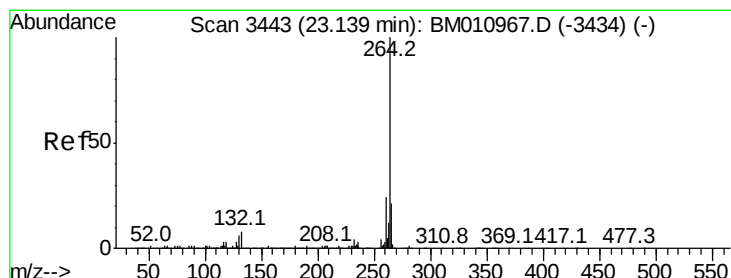
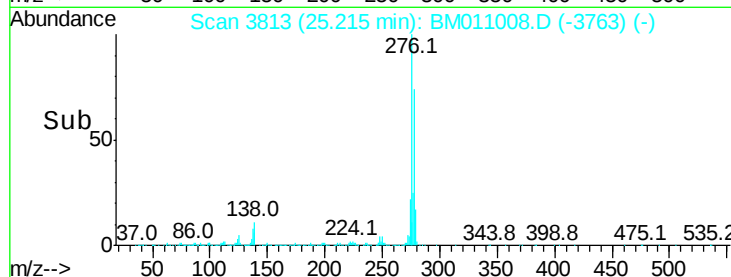
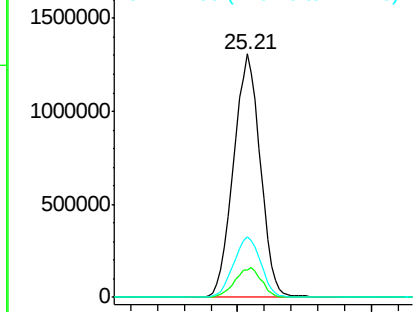
Tot Ion:276 Resp: 3652741
Ion Ratio Lower Upper
276 100
138 12.1 12.0 18.0
277 25.2 20.0 30.0

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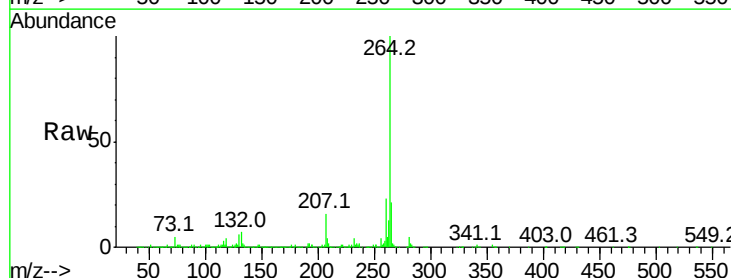


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

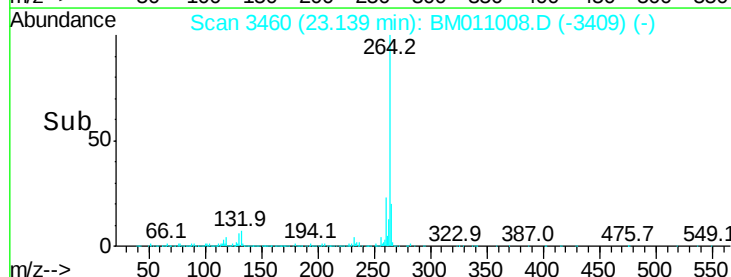
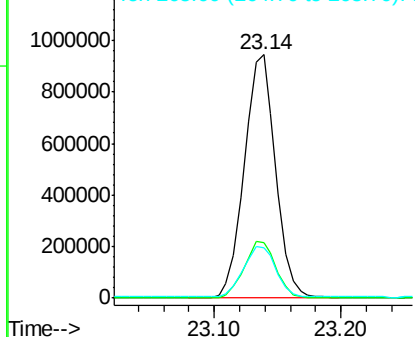


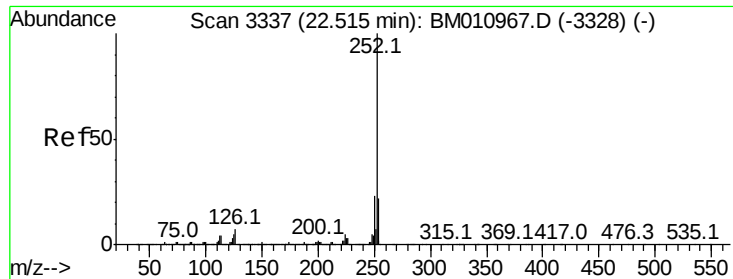
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion:264 Resp: 1618948
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 20.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.280 ng

RT: 22.52 min Scan# 3354

Delta R.T. 0.00 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

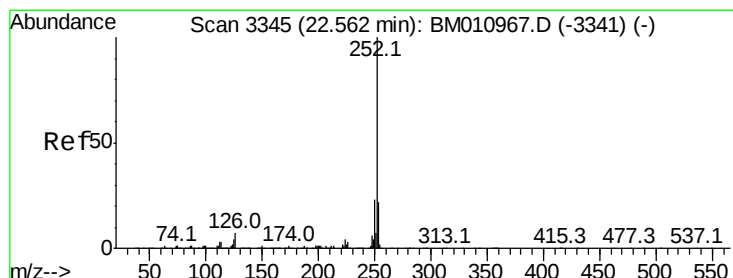
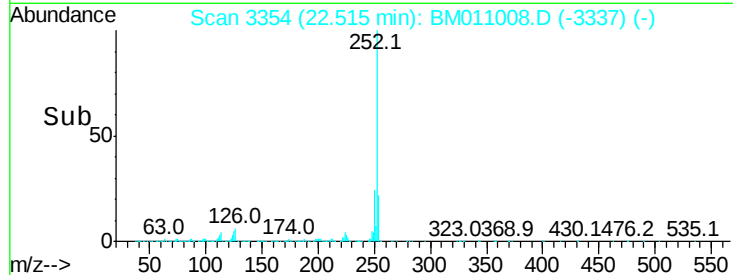
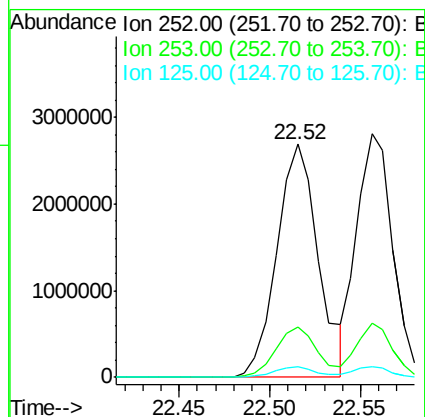
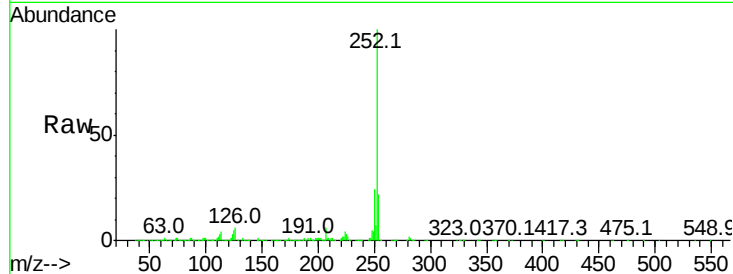
Instrument :
BNA_M

ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.8	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 38.956 ng

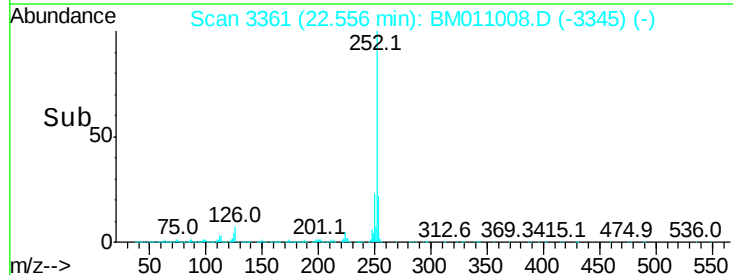
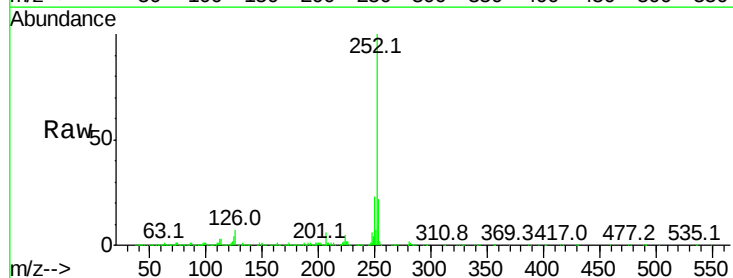
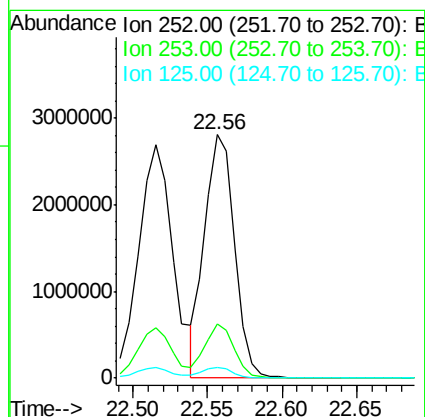
RT: 22.56 min Scan# 3361

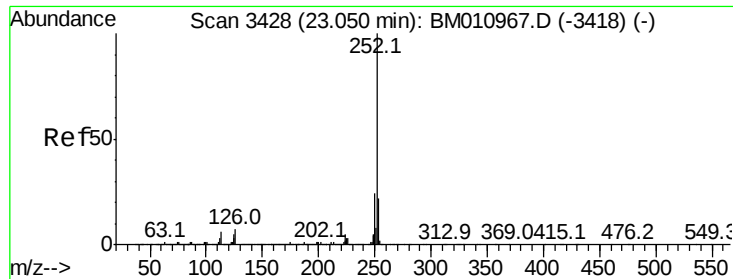
Delta R.T. -0.01 min

Lab File: BM011008.D

Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	4.5	8.1	12.1#





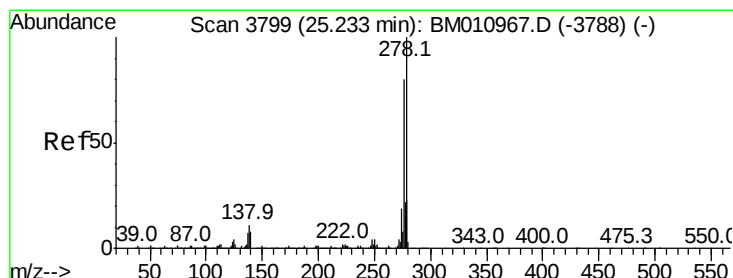
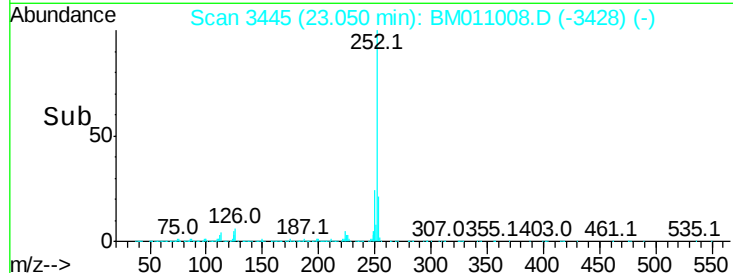
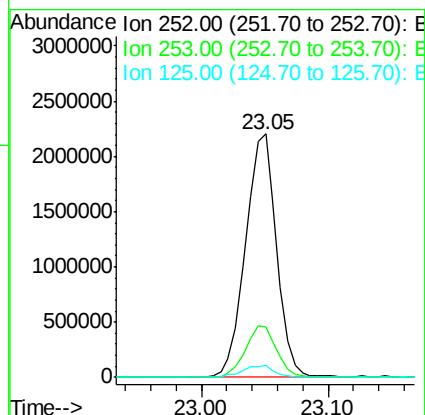
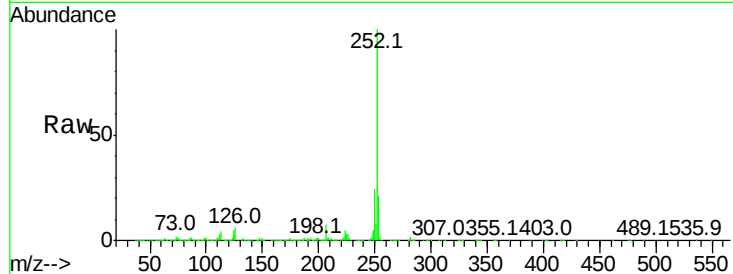
#89
Benzo(a)pyrene
Concen: 39.792 ng
RT: 23.05 min Scan# 3445
Delta R.T. 0.00 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	4.8	7.4	11.2

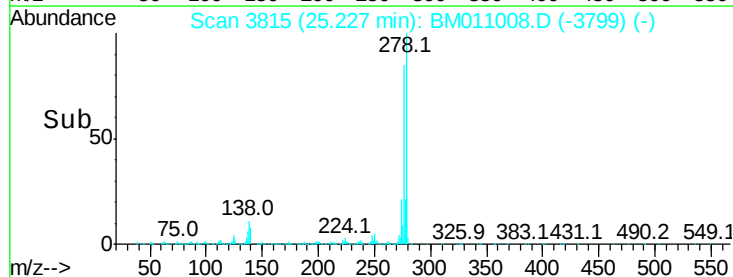
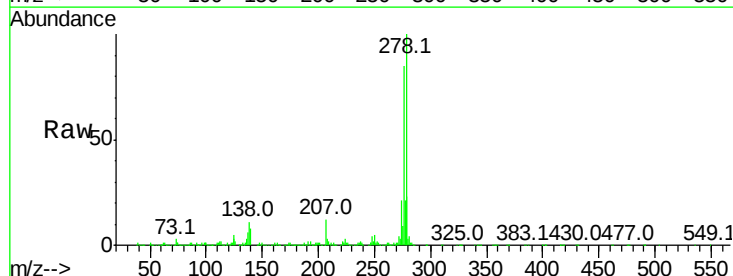
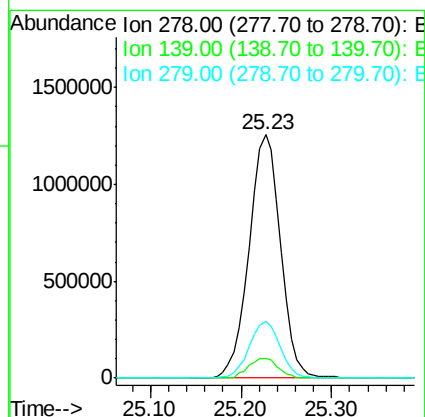
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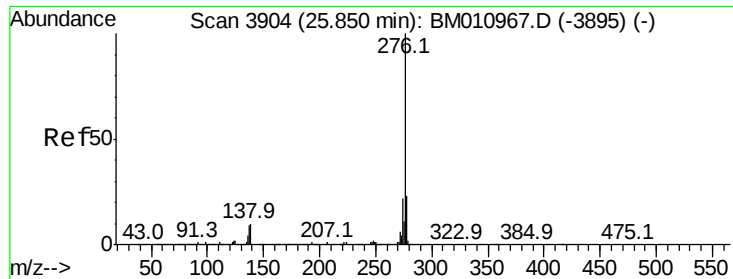
Sohil
7/28/2017 4:44:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.849 ng
RT: 25.23 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM011008.D
Acq: 27 Jul 2017 13:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	13.4	20.0
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.968 ng
 RT: 25.84 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM011008.D
 Acq: 27 Jul 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-01-A7-A8-B7-B8MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	10.1	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:44:59 PM

