

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011438.D
 Acq On : 05 Sep 2017 18:48
 Operator : SJ/JU
 Sample : I5075-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Manual Integrations
 APPROVED

Sohil
 9/6/2017 5:14:18 PM

Quant Time: Sep 06 08:27:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	501999	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2151923	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1192994	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2605573	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2996846	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2597498	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	4439051	148.85	ng	0.00
7) Phenol-d6	7.14	99	5241647	126.75	ng	0.00
23) Nitrobenzene-d5	9.15	82	3642463	111.54	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2204736	159.74	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	8604029	103.96	ng	-0.01
78) Terphenyl-d14	19.96	244	10990031	90.99	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	434721	34.974	ng	# 100
3) Pyridine	3.86	79	657858	17.283	ng	# 83
4) n-Nitrosodimethylamine	3.75	42	776721	39.963	ng	# 71
8) 2-Chlorophenol	7.55	128	1649021	46.903	ng	90
9) Benzaldehyde	7.12	77	359636	14.961	ng	97
10) Phenol	7.16	94	1805507	39.715	ng	# 75
11) bis(2-Chloroethyl)ether	7.40	93	1893608	52.115	ng	87
12) 1,3-Dichlorobenzene	7.87	146	1598577	39.929	ng	97
13) 1,4-Dichlorobenzene	8.02	146	1645483	40.415	ng	99
14) 1,2-Dichlorobenzene	8.34	146	1601994	40.652	ng	98
15) Benzyl Alcohol	8.22	79	927979	31.038	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2701700	44.464	ng	92
17) 2-Methylphenol	8.42	107	1363594	46.843	ng	97
18) Hexachloroethane	9.07	117	563728	40.445	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	1339170	44.105	ng	# 89
20) 3+4-Methylphenols	8.75	107	1814289	44.921	ng	98
22) Acetophenone	8.81	105	2462757	46.057	ng	# 91
24) Nitrobenzene	9.19	77	1837942	51.078	ng	93
25) Isophorone	9.72	82	3489939	47.697	ng	94
26) 2-Nitrophenol	9.90	139	773093	49.190	ng	# 82
27) 2,4-Dimethylphenol	9.95	122	1601403	46.938	ng	96
28) bis(2-Chloroethoxy)methane	10.19	93	2267103	45.405	ng	100
29) 2,4-Dichlorophenol	10.43	162	1563286	48.975	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	1521024	43.046	ng	98
31) Naphthalene	10.85	128	5165567	44.460	ng	100
32) Benzoic acid	10.08	122	739310	34.116	ng	99
34) Hexachlorobutadiene	11.12	225	829725	41.211	ng	99
35) Caprolactam	11.75	113	330805m	28.777	ng	
36) 4-Chloro-3-methylphenol	12.06	107	1679982	44.811	ng	91
37) 2-Methylnaphthalene	12.45	142	3752590	46.404	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1631191	45.436	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1983203	120.502	ng	99
42) 2,4,6-Trichlorophenol	13.05	196	1148409	48.324	ng	99
43) 2,4,5-Trichlorophenol	13.12	196	1239695	51.364	ng	# 91

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
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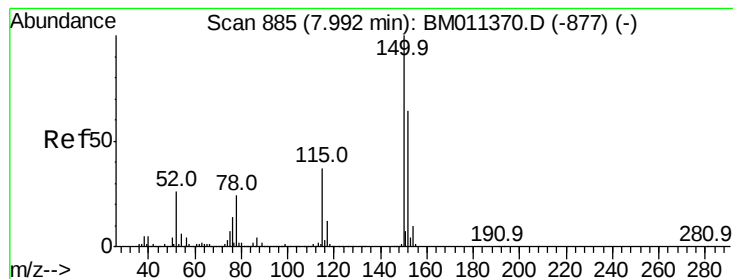
Manual Integrations
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Quant Time: Sep 06 08:27:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.45	154	4679093	44.180	nq	98
46) 2-Chloronaphthalene	13.49	162	3521695	44.762	nq	95
47) 2-Nitroaniline	13.69	65	1243334	49.602	nq	# 79
48) Acenaphthylene	14.34	152	5691509	46.428	nq	100
49) Dimethylphthalate	14.07	163	4453266	46.978	nq	100
50) 2,6-Dinitrotoluene	14.19	165	923519	51.452	nq	91
51) Acenaphthene	14.68	154	3553466	44.640	nq	100
52) 3-Nitroaniline	14.53	138	999408	42.867	nq	86
53) 2,4-Dinitrophenol	14.72	184	951390	103.175	nq	91
54) Dibenzofuran	15.01	168	5487011	49.989	nq	96
55) 4-Nitrophenol	14.82	139	1503344	82.857	nq	# 50
56) 2,4-Dinitrotoluene	14.97	165	1259202	49.491	nq	85
57) Fluorene	15.66	166	4549780	47.545	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	1079274	55.262	nq	# 100
59) Diethylphthalate	15.43	149	4583248	46.926	nq	99
60) 4-Chlorophenyl-phenylether	15.65	204	2119085	47.475	nq	96
61) 4-Nitroaniline	15.68	138	1118097	46.134	nq	84
62) Azobenzene	15.95	77	4560662	51.812	nq	92
64) 4,6-Dinitro-2-methylphenol	15.73	198	605716	56.054	nq	86
65) n-Nitrosodiphenylamine	15.86	169	3829200	46.639	nq	99
66) 4-Bromophenyl-phenylether	16.55	248	1286490	46.940	nq	# 92
67) Hexachlorobenzene	16.66	284	1389487	43.201	nq	# 87
68) Atrazine	16.82	200	1179424	49.014	nq	97
69) Pentachlorophenol	17.00	266	1819550	103.050	nq	99
70) Phenanthrene	17.40	178	7135469	49.174	nq	97
71) Anthracene	17.49	178	7139041	48.927	nq	99
72) Carbazole	17.76	167	6800828	48.365	nq	99
73) Di-n-butylphthalate	18.31	149	8095907	49.557	nq	100
74) Fluoranthene	19.40	202	8047957	48.607	nq	95
76) Benzidine	19.59	184	2017472	34.109	nq	100
77) Pyrene	19.76	202	8495084	46.259	nq	98
79) Butylbenzylphthalate	20.64	149	3869181	47.692	nq	90
80) Benzo(a)anthracene	21.50	228	8006292	47.766	nq	98
81) 3,3'-Dichlorobenzidine	21.43	252	2598442	40.834	nq	100
82) Chrysene	21.56	228	7478270	47.336	nq	98
83) Bis(2-ethylhexyl)phthalate	21.42	149	5741165	48.270	nq	99
84) Di-n-octyl phthalate	22.33	149	9925966	49.506	nq	# 95
85) Indeno(1,2,3-cd)pyrene	26.34	276	7189225	48.784	nq	# 89
87) Benzo(b)fluoranthene	23.17	252	7844662	49.191	nq	98
88) Benzo(k)fluoranthene	23.23	252	7573015	49.530	nq	97
89) Benzo(a)pyrene	23.79	252	7234182	50.295	nq	# 97
90) Dibenzo(a,h)anthracene	26.36	278	5973848	48.530	nq	99
91) Benzo(g,h,i)perylene	27.10	276	5654099	47.528	nq	99

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



#1

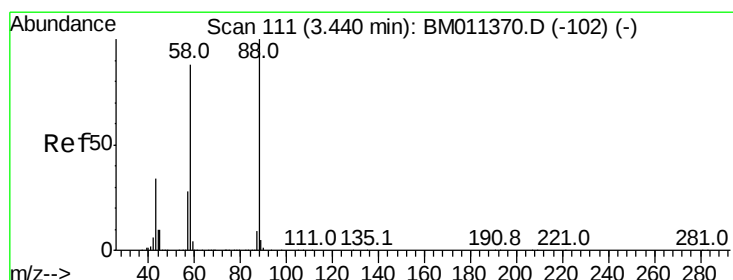
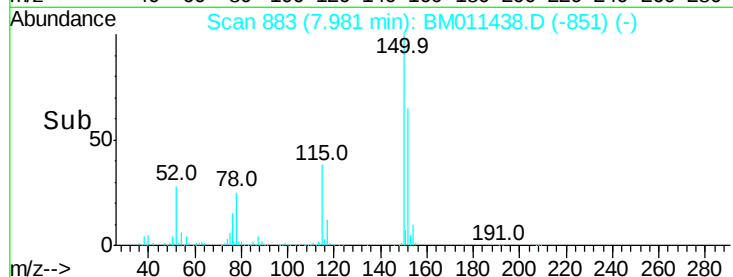
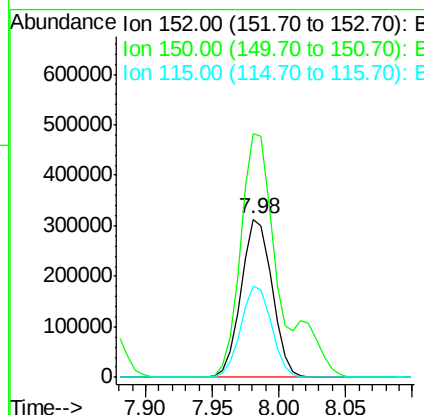
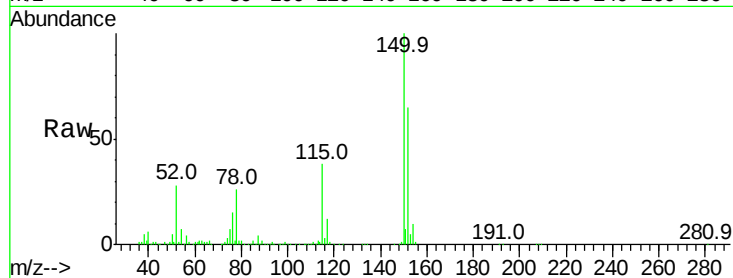
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	57.9	43.0	64.4

Manual Integrations
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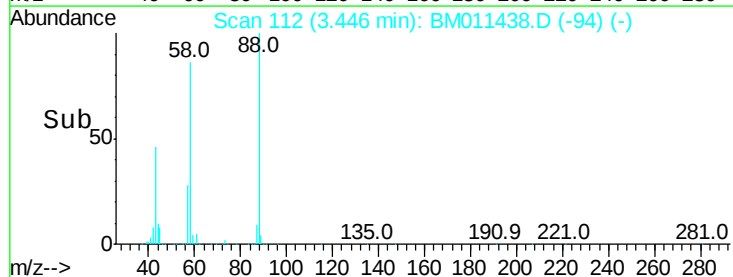
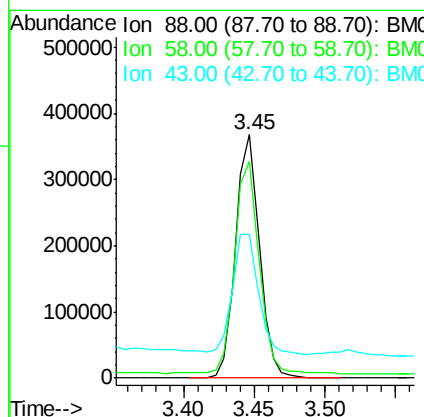
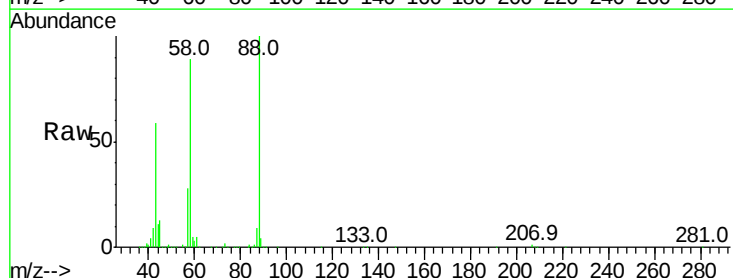
Sohil
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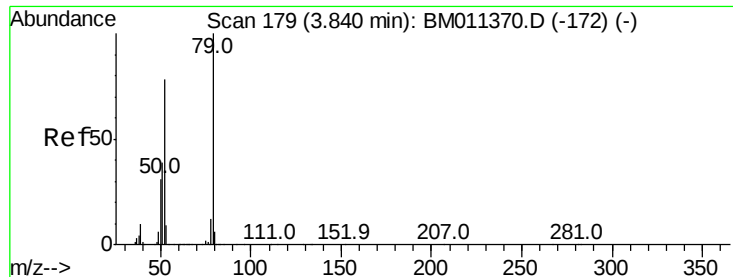


#2

1,4-Dioxane
Concen: 34.974 ng
RT: 3.45 min Scan# 112
Delta R.T. 0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.1	0.0	0.0#
43	54.3	0.0	0.0#





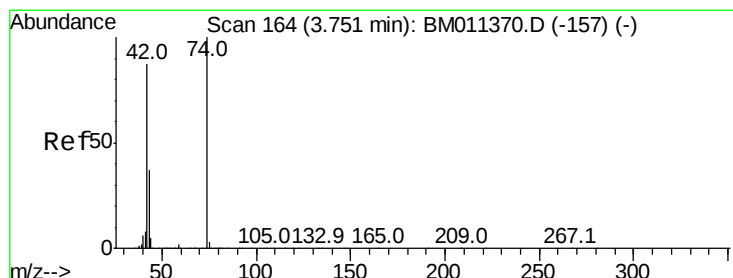
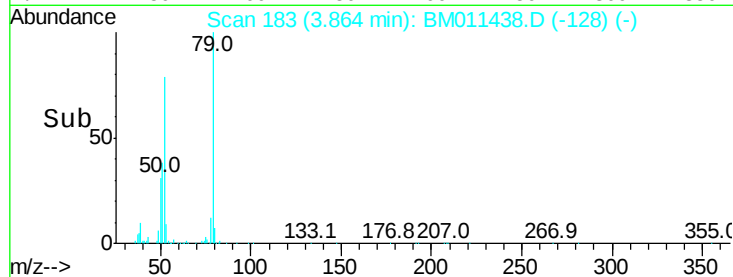
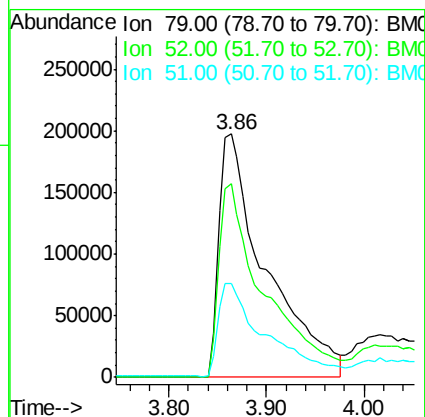
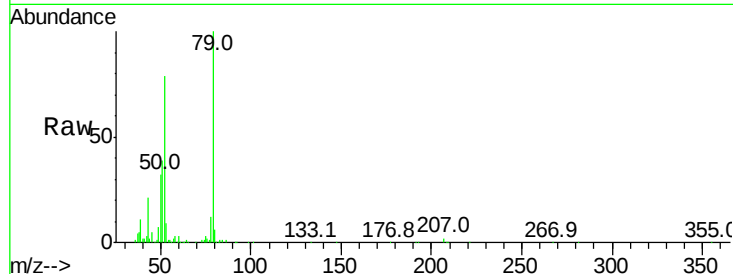
#3
 Pvridine
 Concen: 17.283 ng
 RT: 3.86 min Scan# 183
 Delta R.T. 0.02 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.4	51.1	76.7#
51	38.8	26.1	39.1

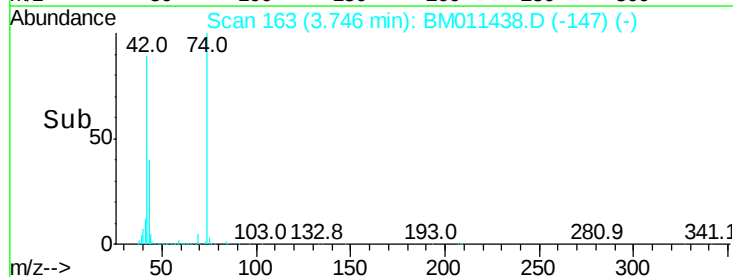
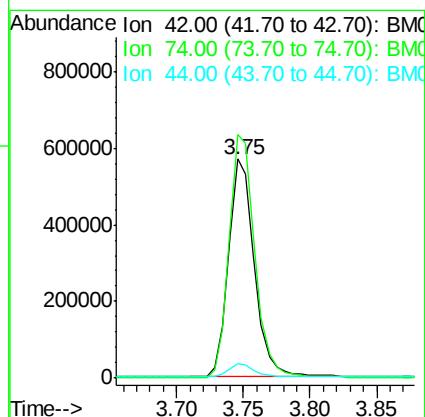
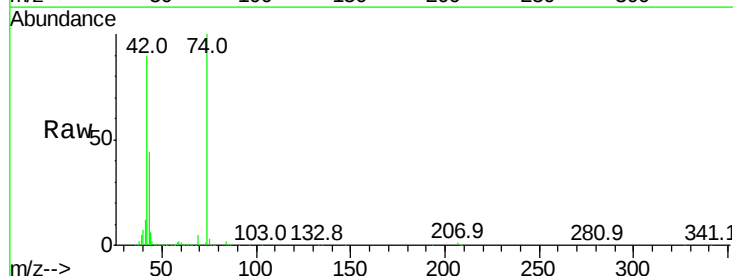
Manual Integrations
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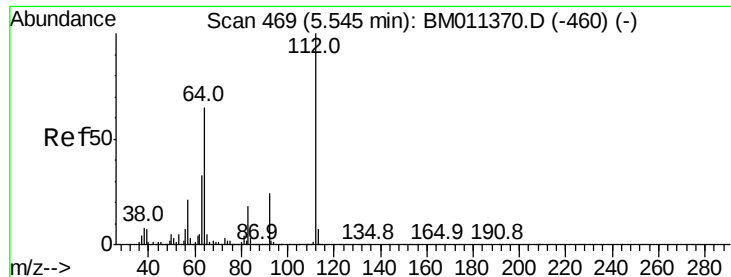
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#4
 n-Nitrosodimethylamine
 Concen: 39.963 ng
 RT: 3.75 min Scan# 163
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.1	119.3	178.9#
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 148.848 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:112 Resp: 4439051

Ion Ratio Lower Upper

112 100

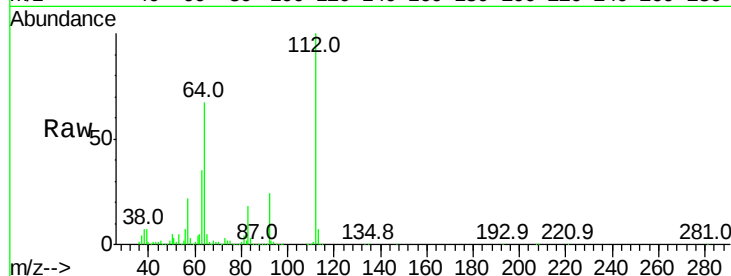
64 67.3 38.6 57.8#

63 35.0 19.3 28.9#

Manual Integrations
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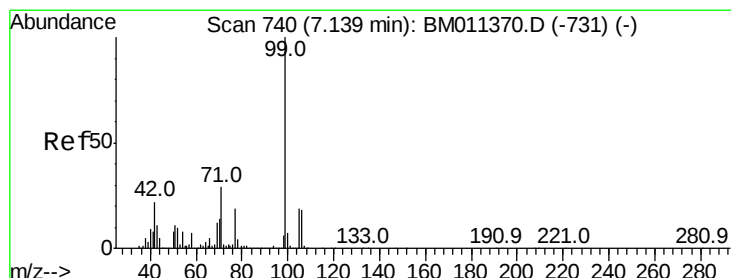
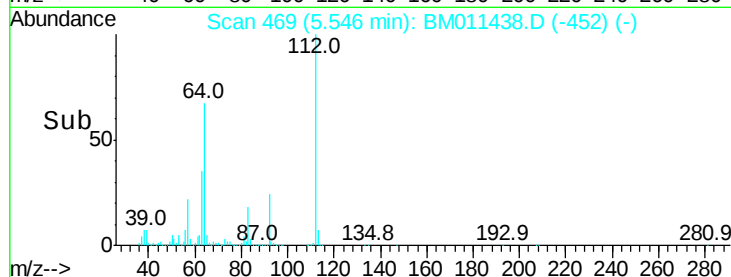
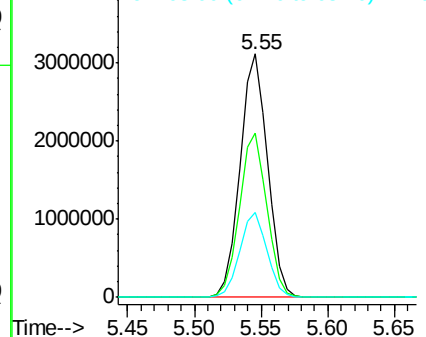
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BMO

Ion 63.00 (62.70 to 63.70): BMO



#7

Phenol-d6

Concen: 126.754 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

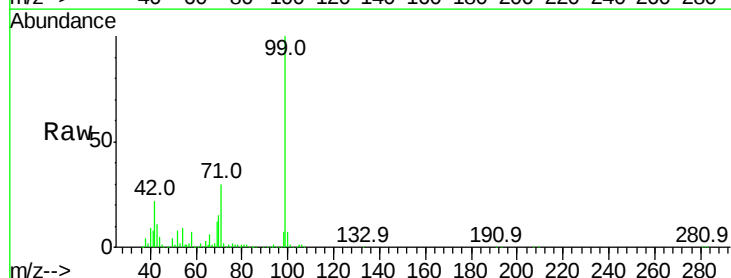
Tgt Ion: 99 Resp: 5241647

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

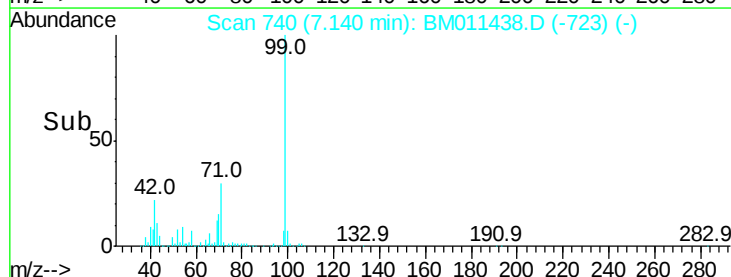
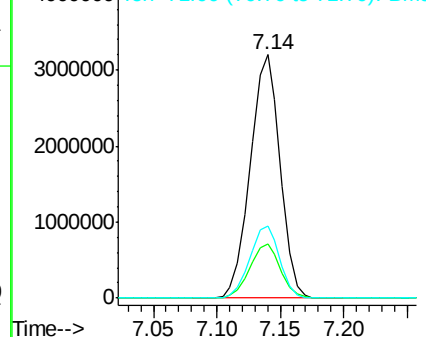
71 29.7 23.4 35.2

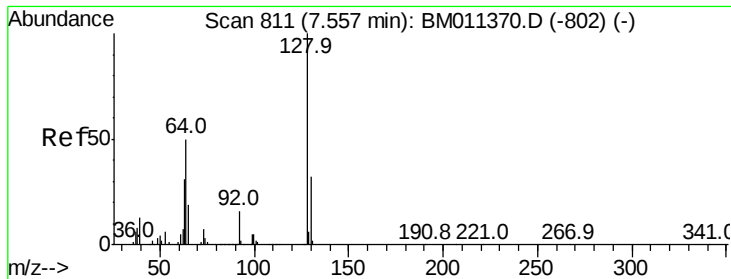


Abundance Ion 99.00 (98.70 to 99.70): BMO

Ion 42.00 (41.70 to 42.70): BMO

Ion 71.00 (70.70 to 71.70): BMO





#8

2-Chlorophenol

Concen: 46.903 ng

RT: 7.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

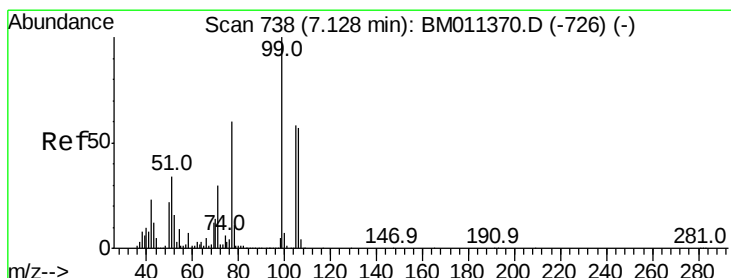
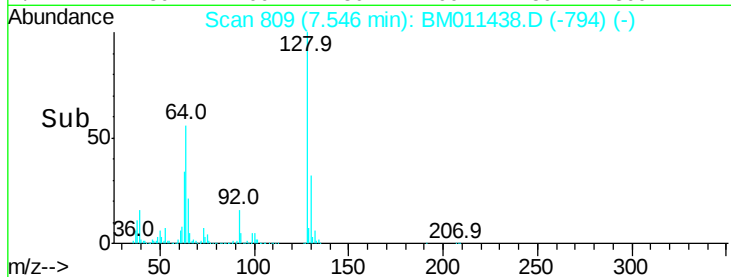
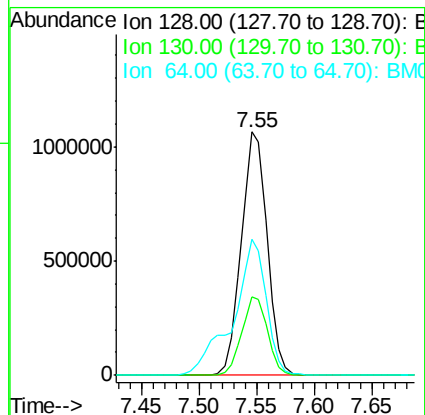
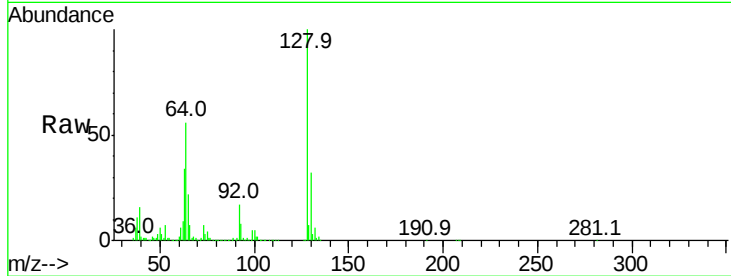
ClientSampleId :

72-11948MSD

Tot Ion:	128	Resp:	1649021
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	56.1	24.9	64.9

Manual Integrations
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#9

Benzaldehyde

Concen: 14.961 ng

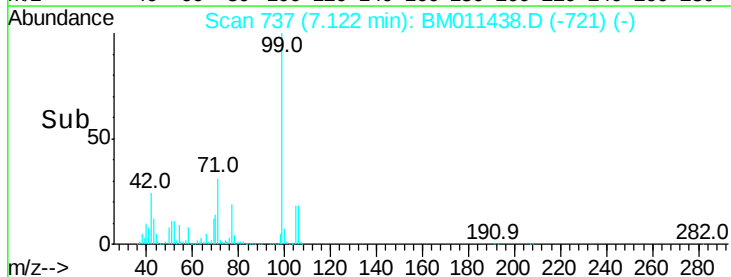
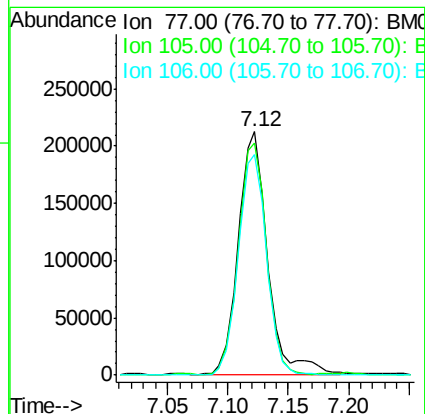
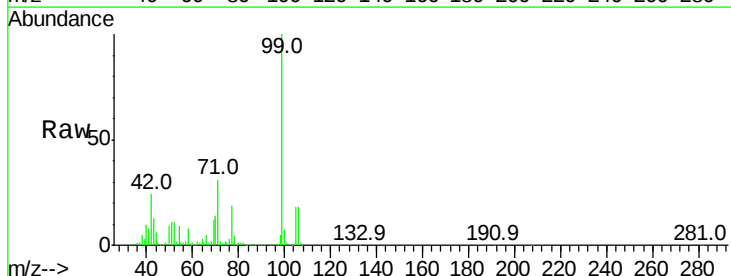
RT: 7.12 min Scan# 737

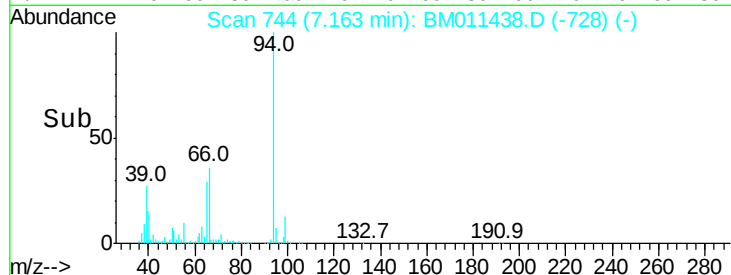
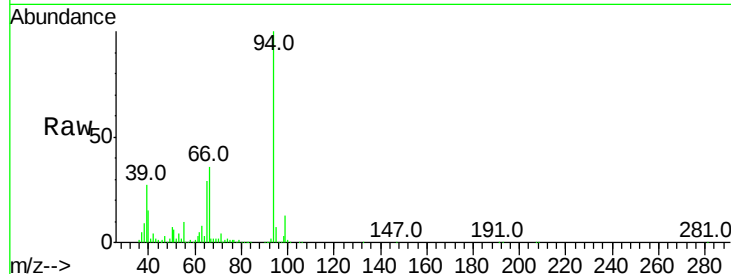
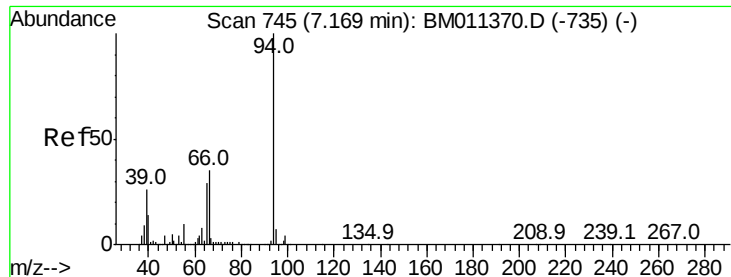
Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:	77	Resp:	359636
Ion	Ratio	Lower	Upper
77	100		
105	95.4	78.8	118.8
106	90.8	73.7	113.7





#10

Phenol

Concen: 39.715 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tot Ion: 94 Resp: 1805507

Ion Ratio Lower Upper

94 100

65 29.4 18.8 58.8

66 35.8 39.9 79.9#

Instrument :

BNA_M

ClientSampleId :

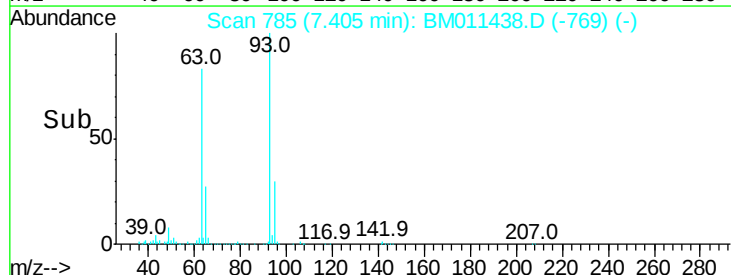
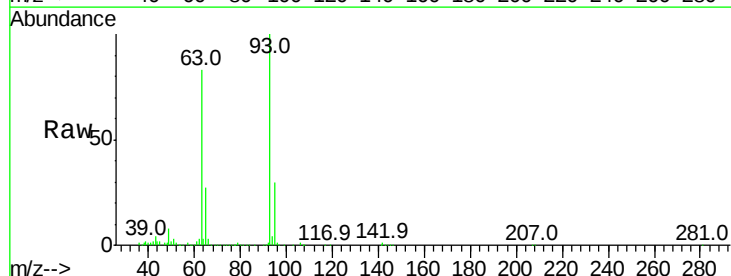
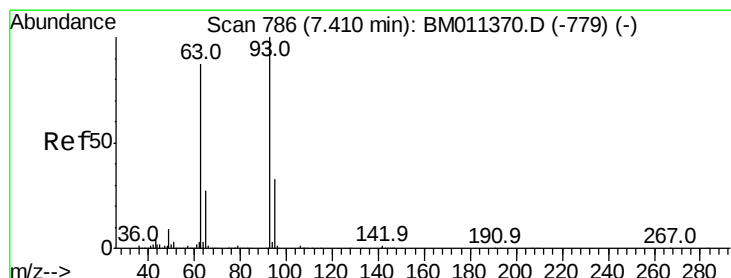
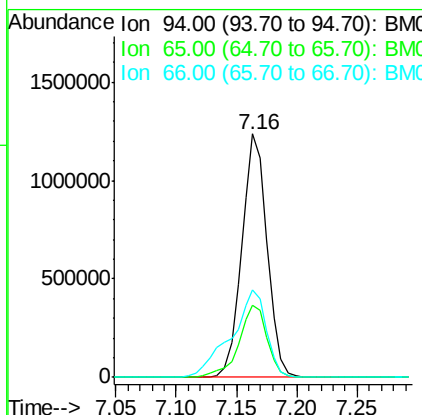
72-11948MSD

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 52.115 ng

RT: 7.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

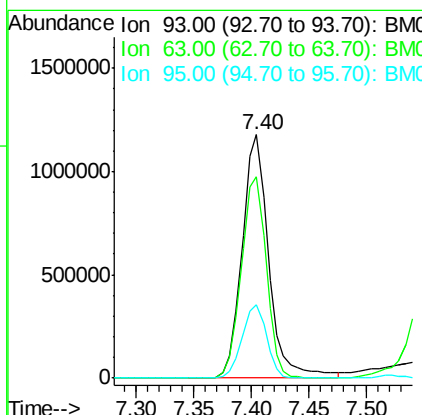
Tgt Ion: 93 Resp: 1893608

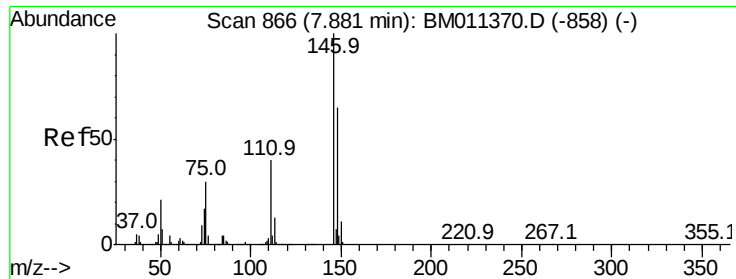
Ion Ratio Lower Upper

93 100

63 82.9 49.5 89.5

95 30.0 13.5 53.5





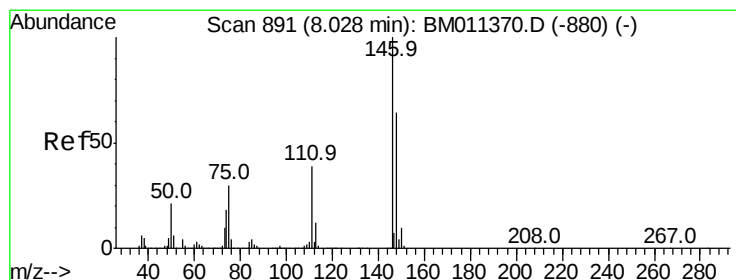
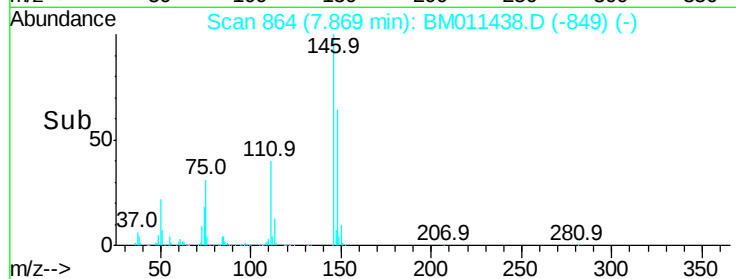
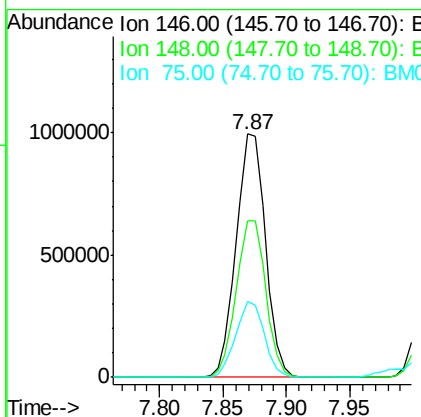
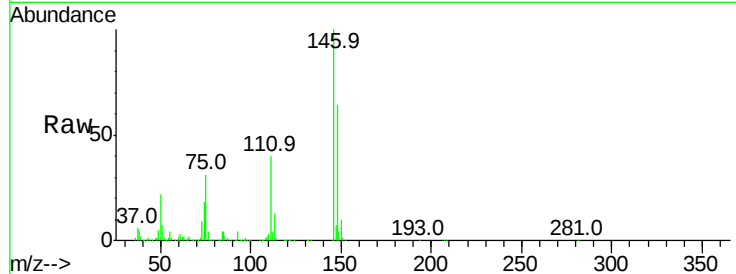
#12
 1,3-Dichlorobenzene
 Concen: 39.929 ng
 RT: 7.87 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampled :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	31.0	21.4	32.2

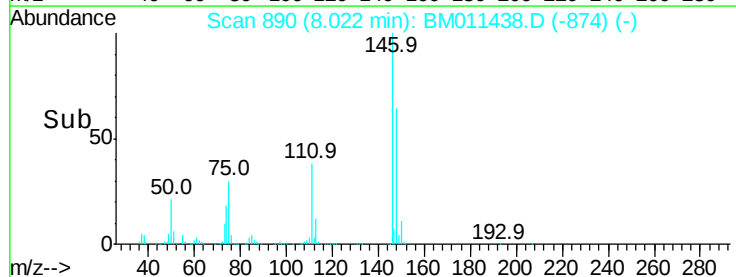
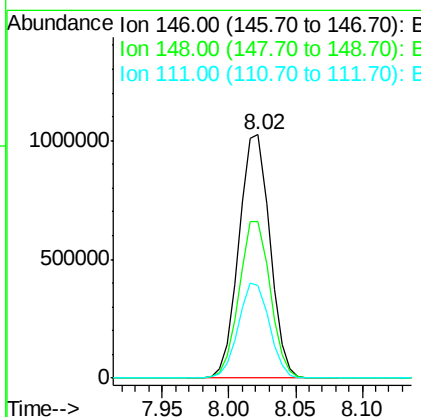
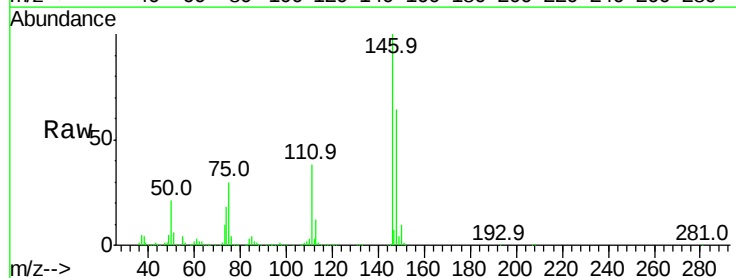
Manual Integrations
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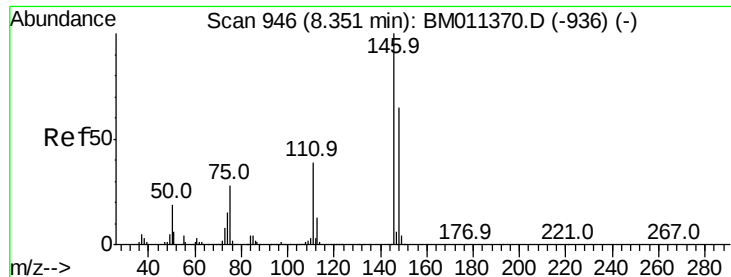
Sohil
 9/6/2017 5:14:18 PM



#13
 1,4-Dichlorobenzene
 Concen: 40.415 ng
 RT: 8.02 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	38.2	29.2	43.8





#14
 1,2-Dichlorobenzene
 Concen: 40.652 ng
 RT: 8.34 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

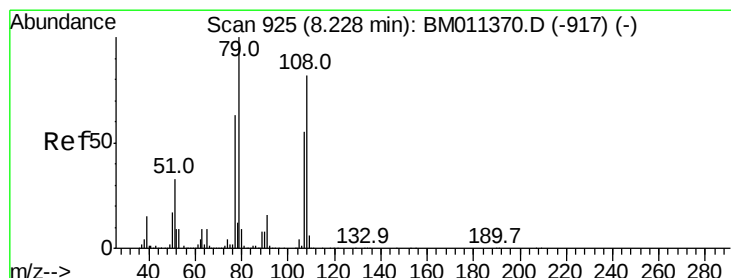
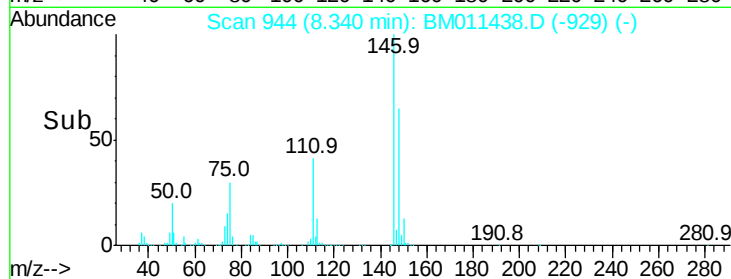
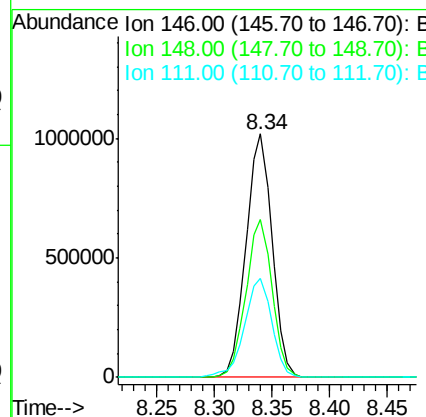
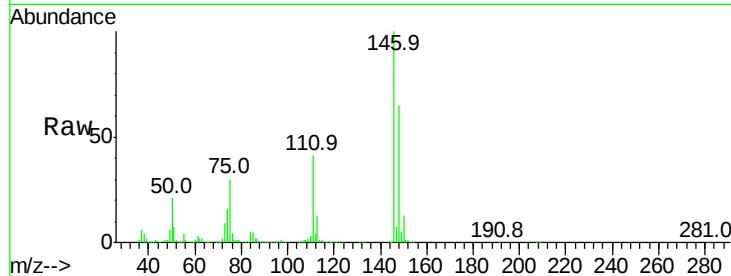
Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion:146 Resp: 1601994

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.3	78.5
111	40.5	30.6	45.8

Manual Integrations
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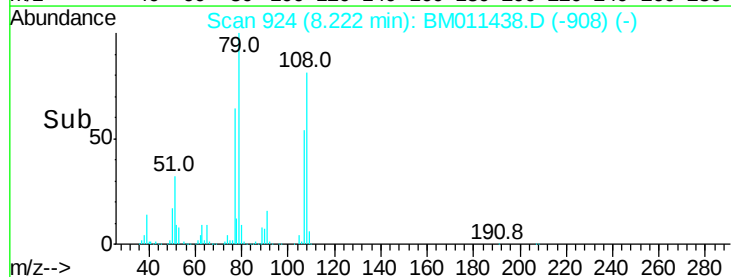
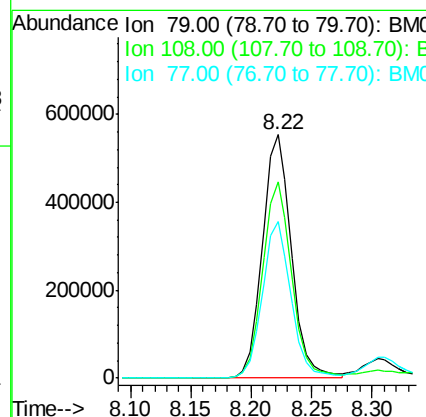
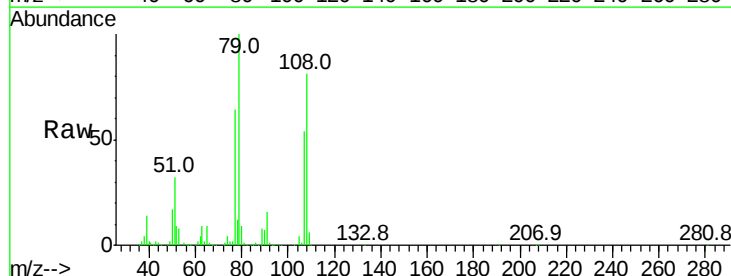
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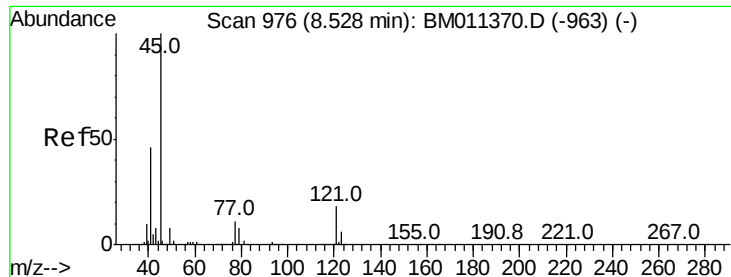


#15
 Benzyl Alcohol
 Concen: 31.038 ng
 RT: 8.22 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion: 79 Resp: 927979

Ion	Ratio	Lower	Upper
79	100		
108	80.8	65.0	97.4
77	64.3	53.0	79.6





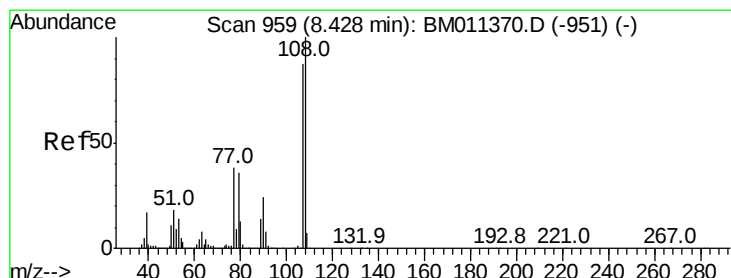
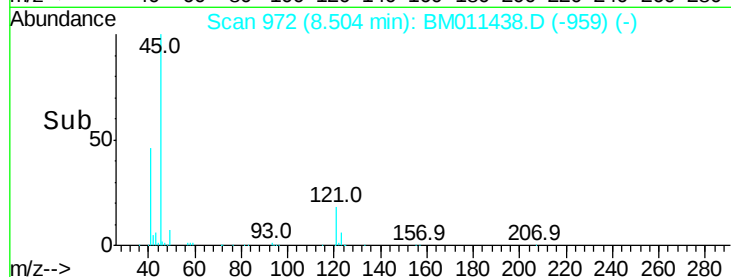
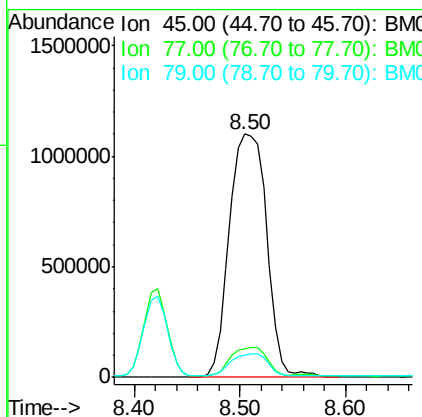
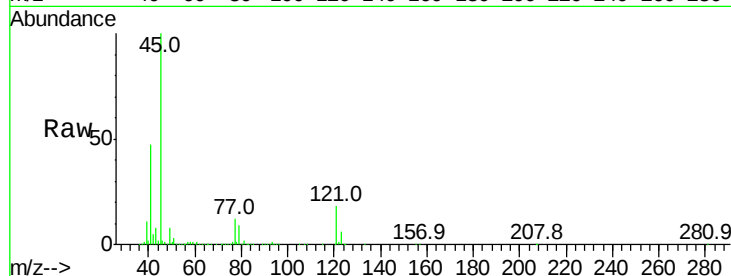
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 44.464 ng
RT: 8.50 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	35.2
79	9.2	0.0	32.0

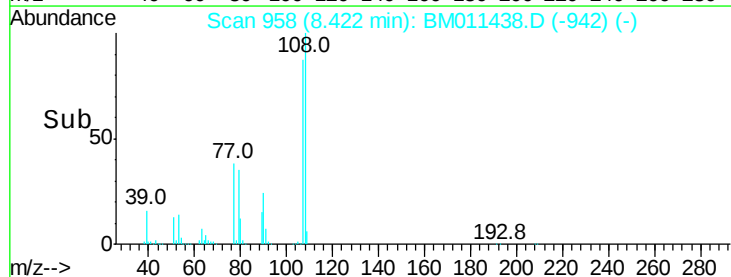
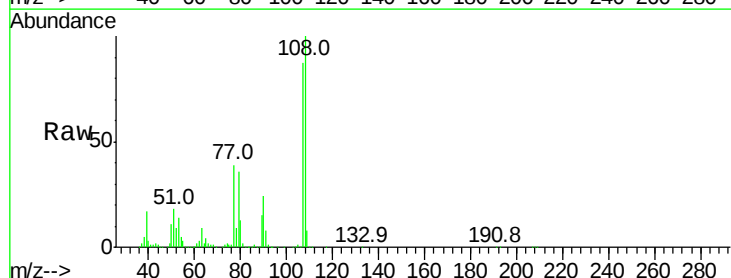
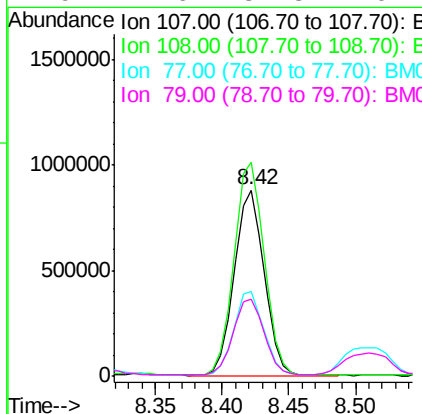
Manual Integrations
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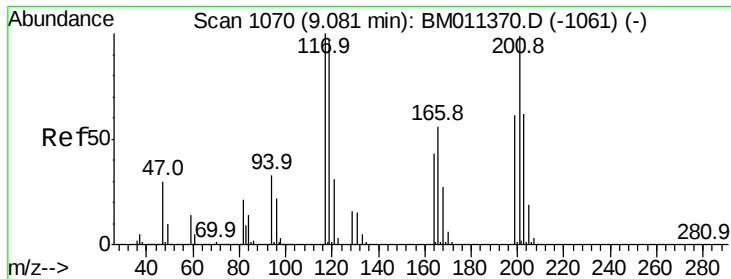
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#17
2-Methylphenol
Concen: 46.843 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	89.8	134.8
77	45.4	32.6	48.8
79	41.6	32.8	49.2





#18

Hexachloroethane

Concen: 40.445 ng

RT: 9.07 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

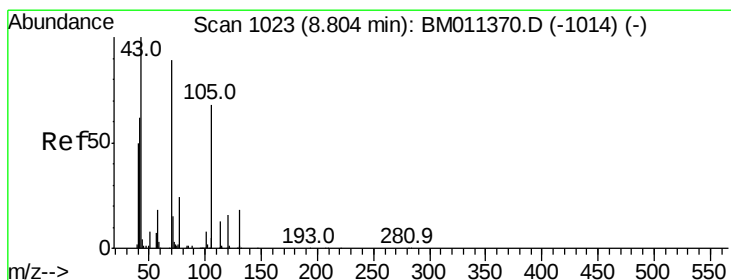
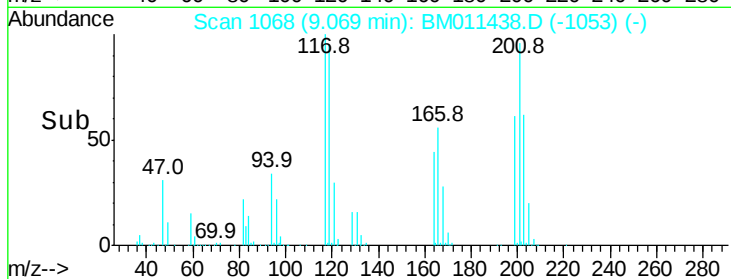
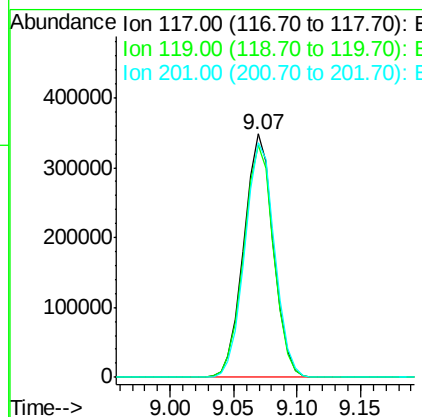
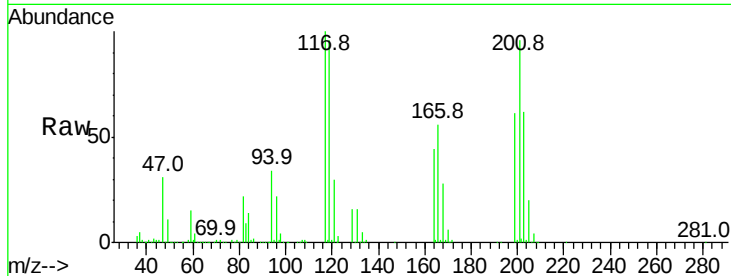
ClientSampleId :

72-11948MSD

Tot Ion:	117	Resp:	563728
Ion Ratio	Lower	Upper	
117	100		
119	95.6	79.2	118.8
201	96.1	69.8	104.6

Manual Integrations
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#19

n-Nitroso-di-n-propylamine

Concen: 44.105 ng

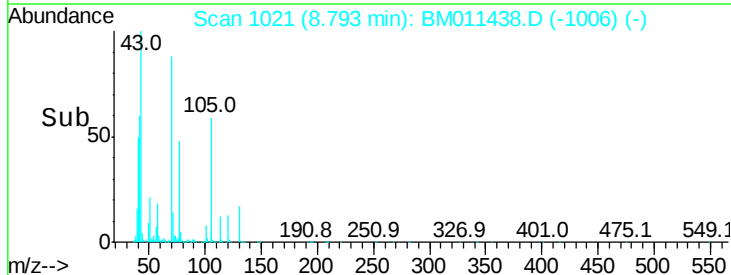
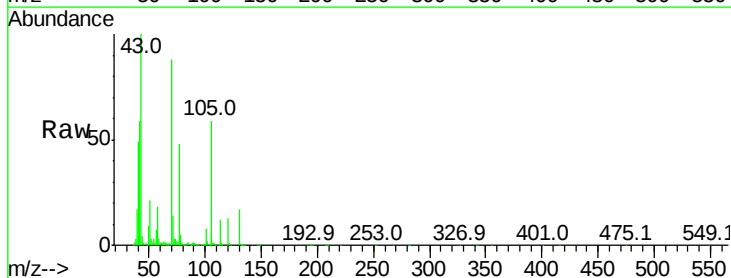
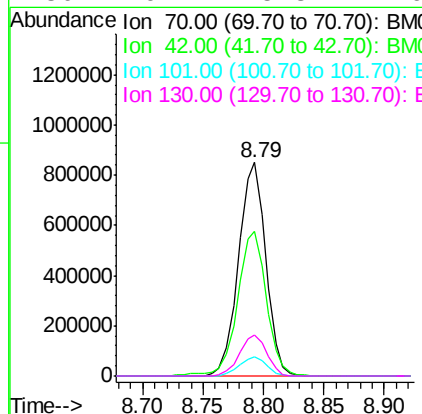
RT: 8.79 min Scan# 1021

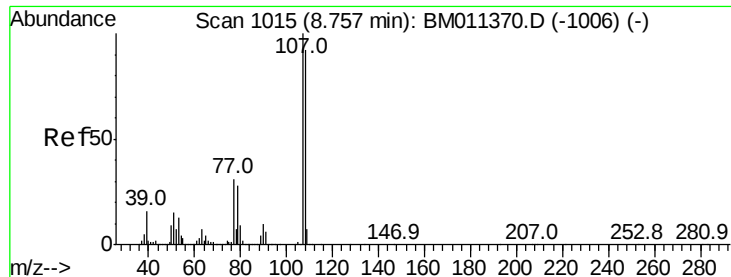
Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:	70	Resp:	1339170
Ion Ratio	Lower	Upper	
70	100		
42	67.7	44.5	66.7#
101	8.7	7.4	11.2
130	19.1	15.3	22.9





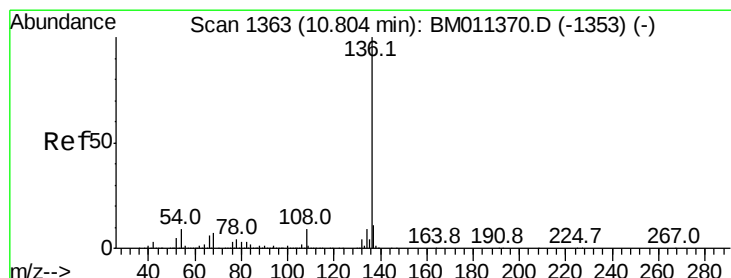
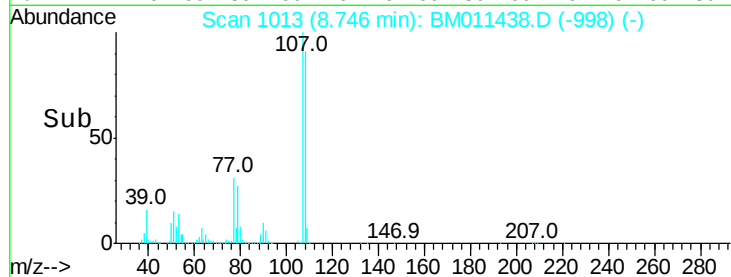
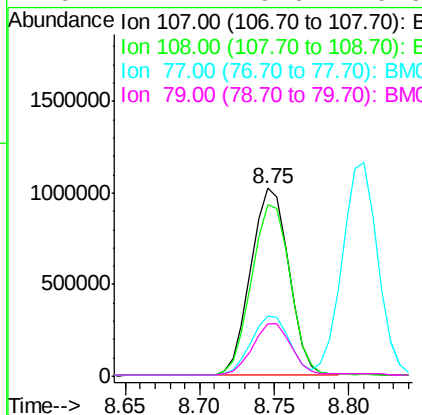
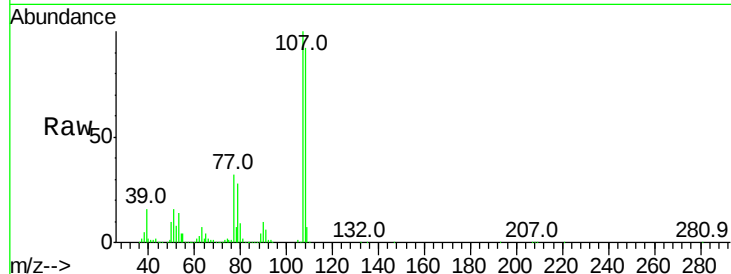
#20
3+4-Methylphenols
Concen: 44.921 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.2	113.2
77	31.8	10.7	50.7
79	27.7	9.6	49.6

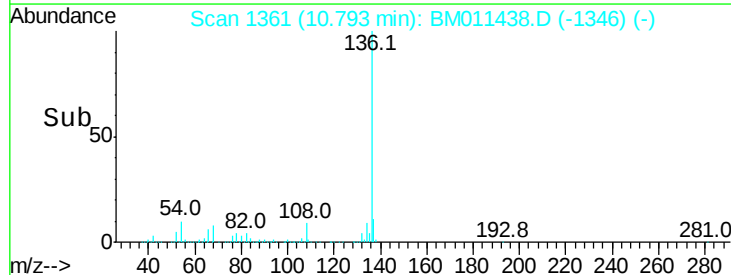
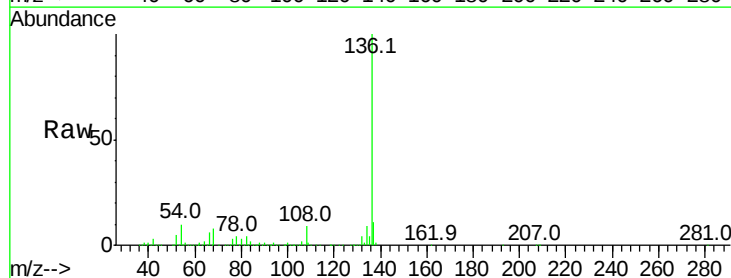
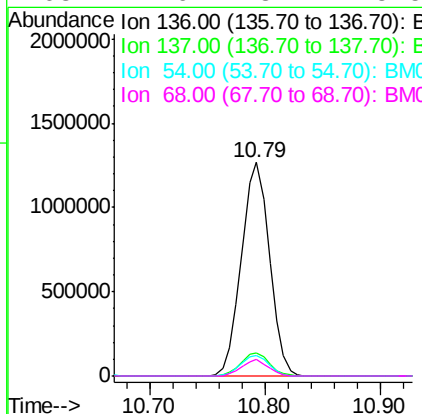
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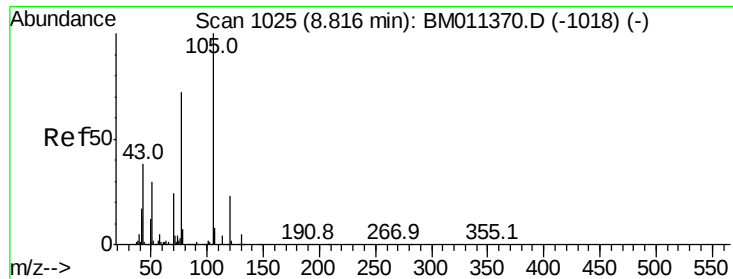
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.7	4.6	6.8#
68	7.6	3.7	5.5#





#22

Acetophenone

Concen: 46.057 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:105 Resp: 2462757

Ion Ratio Lower Upper

105 100

71 1.5 0.6 1.0#

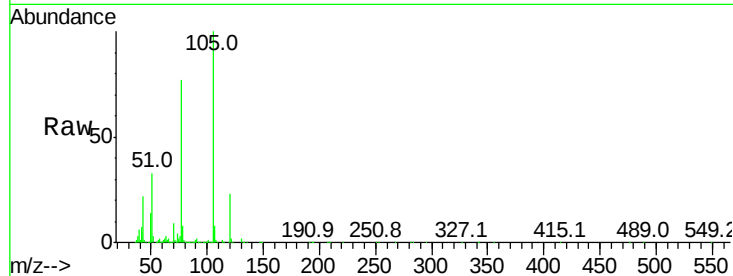
51 32.5 21.6 32.4#

120 23.4 16.1 24.1

Manual Integrations
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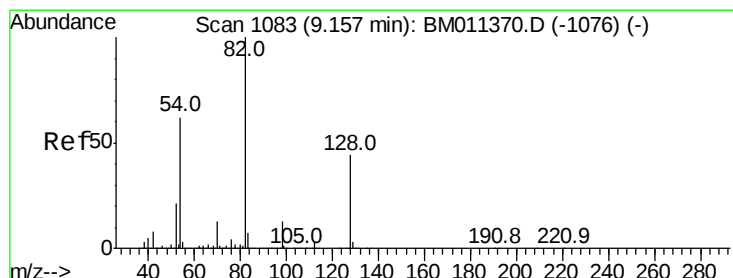
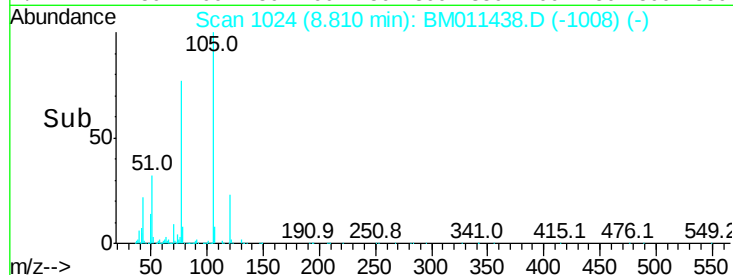
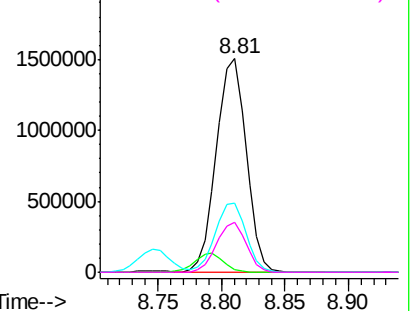


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 111.543 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

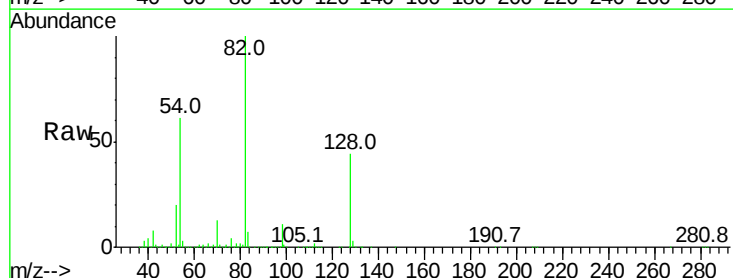
Tgt Ion: 82 Resp: 3642463

Ion Ratio Lower Upper

82 100

128 44.3 32.8 49.2

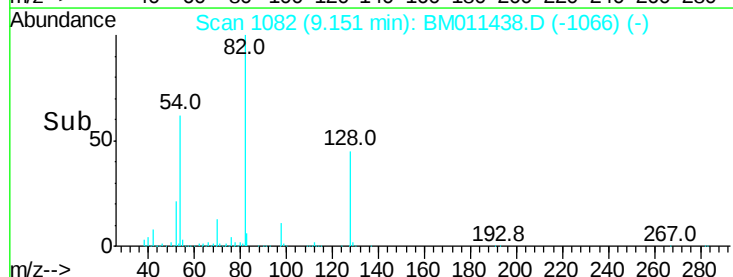
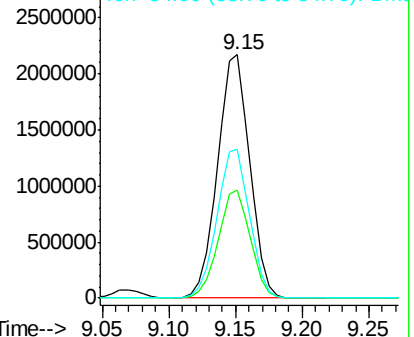
54 61.2 40.6 60.8#

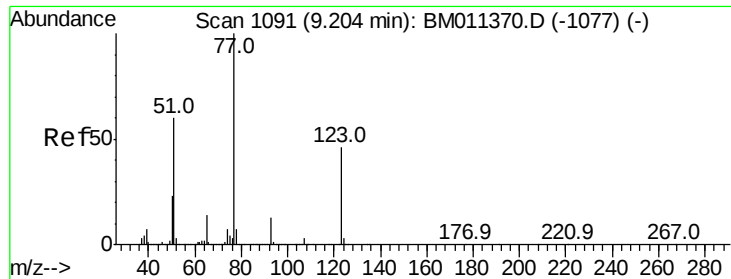


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





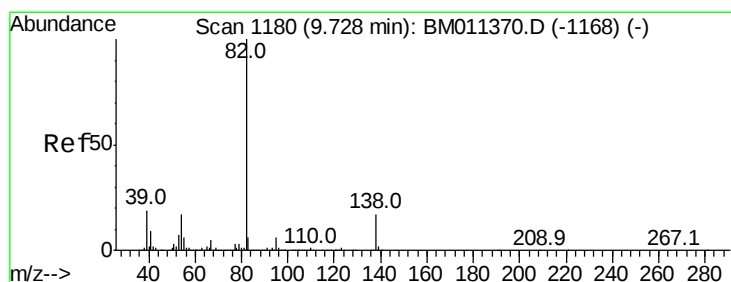
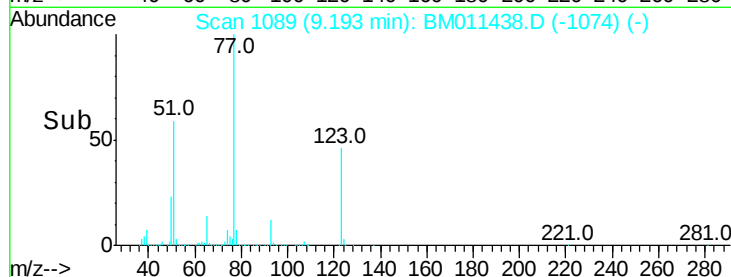
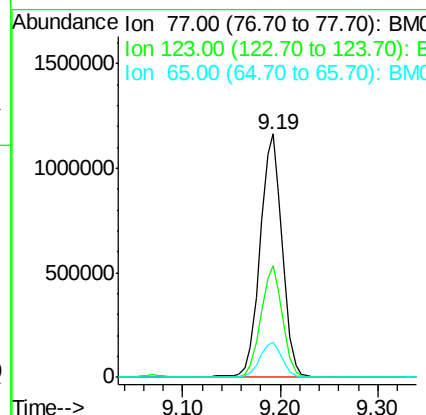
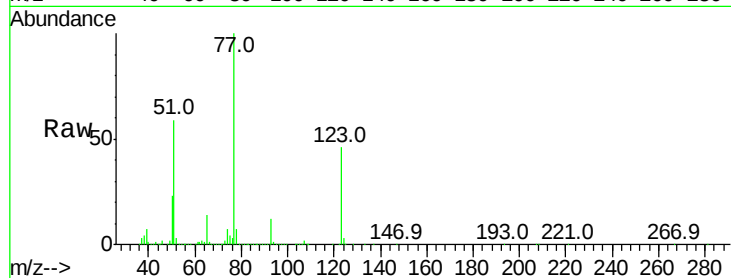
#24
Nitrobenzene
Concen: 51.078 ng
RT: 9.19 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	45.9	32.6	49.0
65	14.3	10.9	16.3

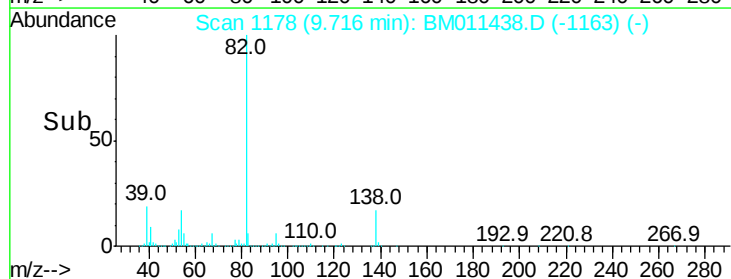
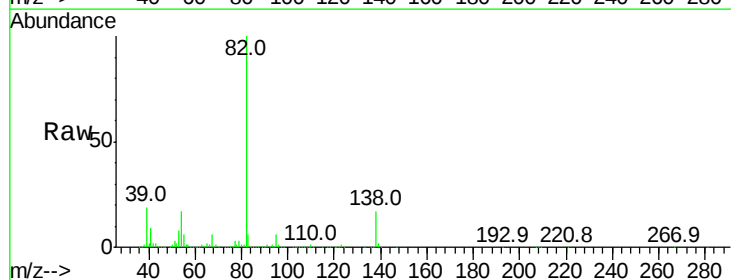
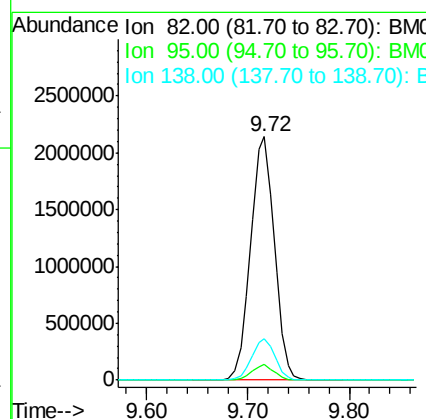
Manual Integrations
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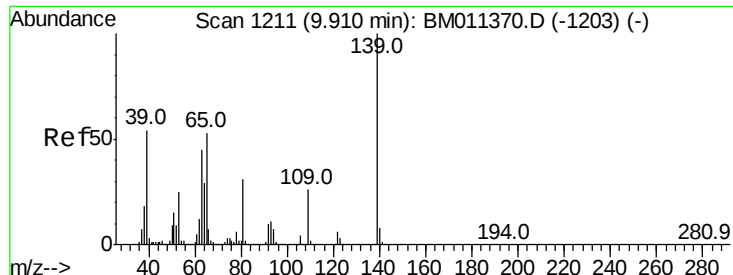
Sohil
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#25
Isophorone
Concen: 47.697 ng
RT: 9.72 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.8	8.6
138	16.9	16.3	24.5





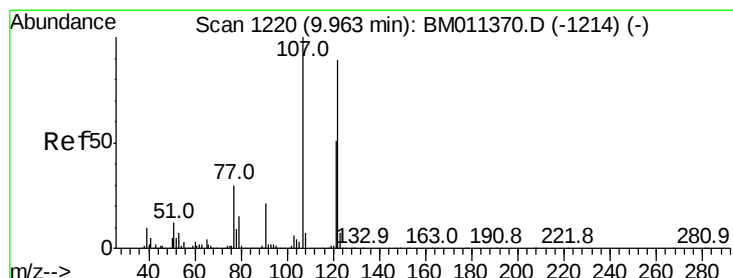
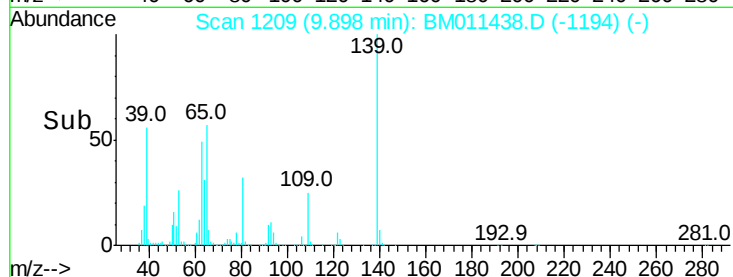
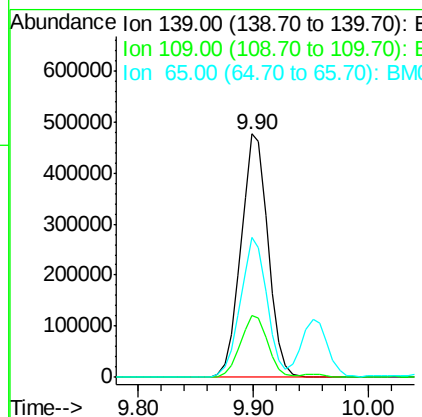
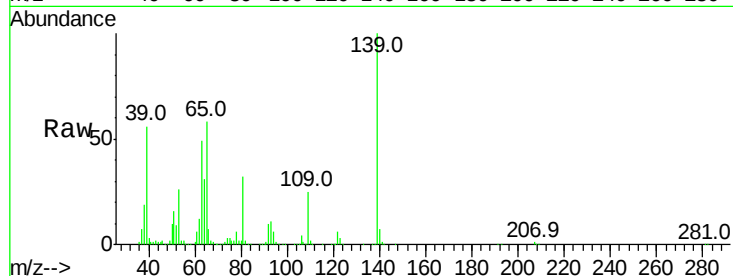
#26
2-Nitrophenol
Concen: 49.190 ng
RT: 9.90 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	773093		
109	25.2	20.1	30.1	
65	57.7	31.5	47.3	

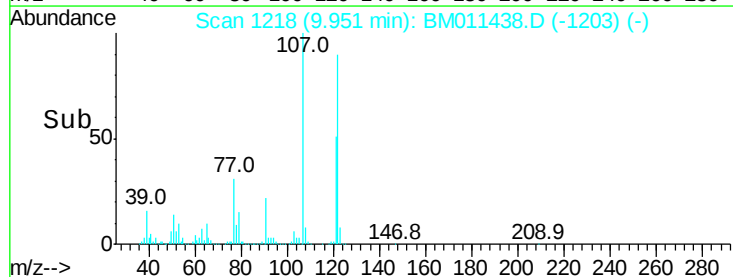
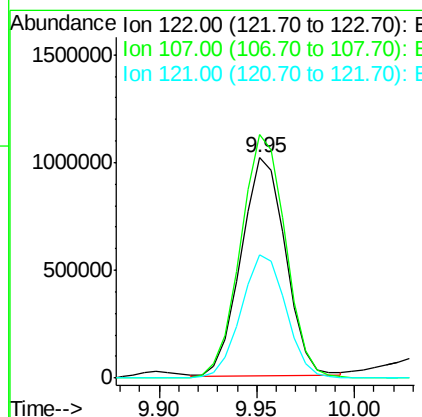
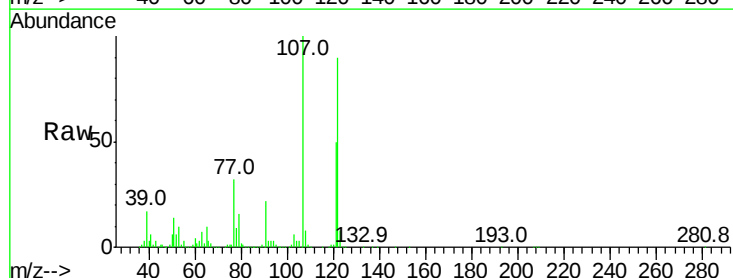
Manual Integrations
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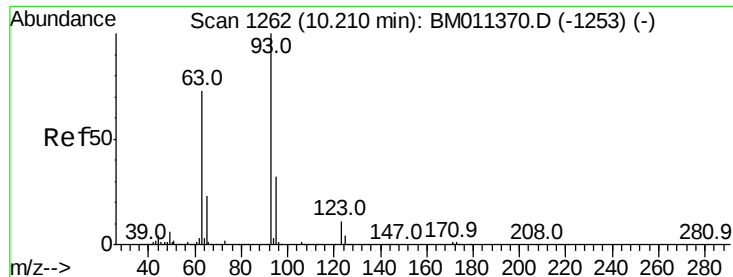
Sohil
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#27
2,4-Dimethylphenol
Concen: 46.938 ng
RT: 9.95 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	1601403		
107	110.7	84.7	127.1	
121	55.9	46.6	69.8	





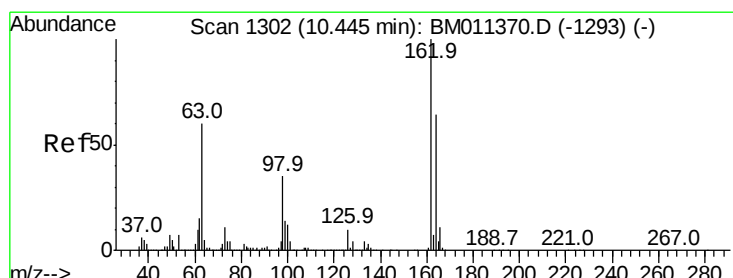
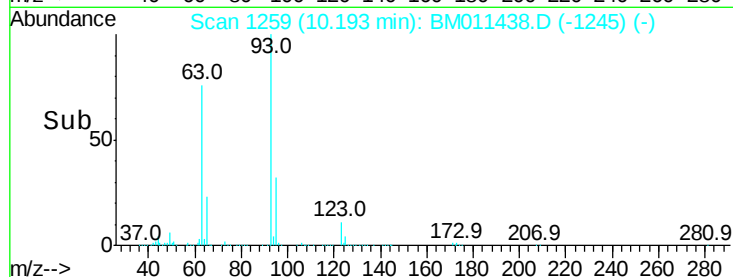
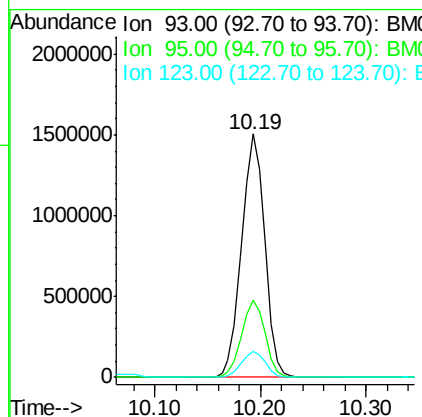
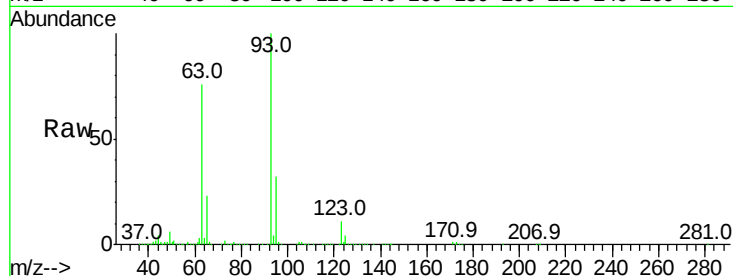
#28
bis(2-Chloroethoxy)methane
Concen: 45.405 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.5	38.3
123	10.9	8.6	13.0

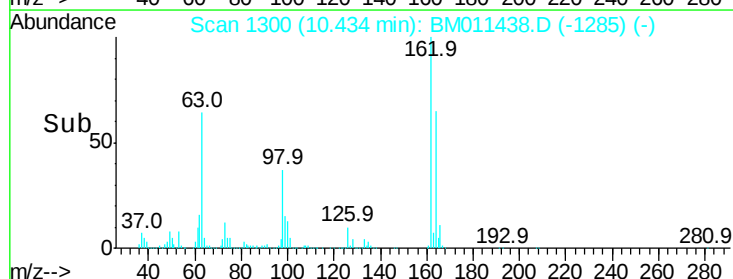
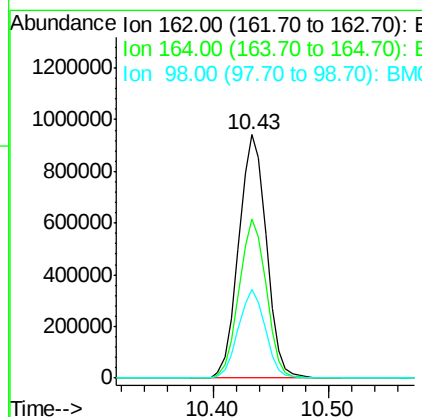
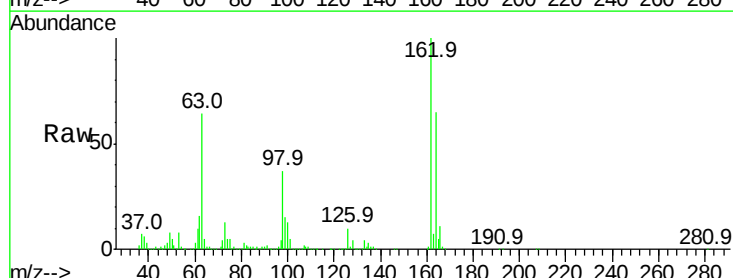
Manual Integrations
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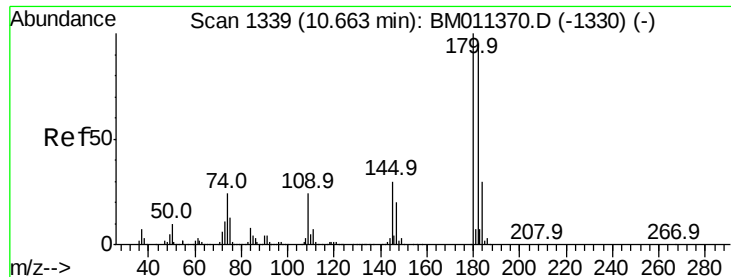
Sohil
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#29
2,4-Dichlorophenol
Concen: 48.975 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.8	82.8
98	36.5	14.5	54.5





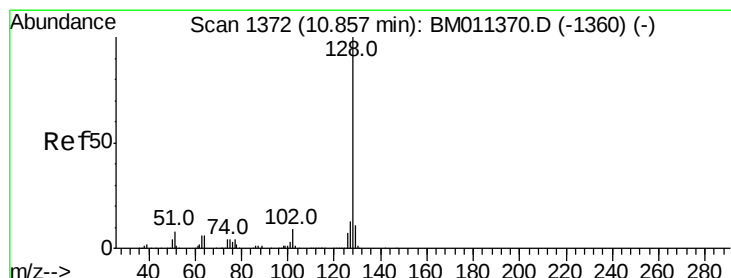
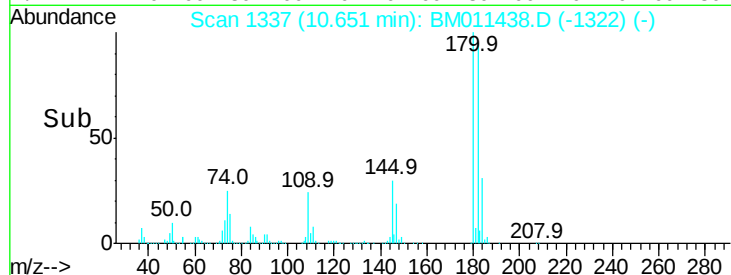
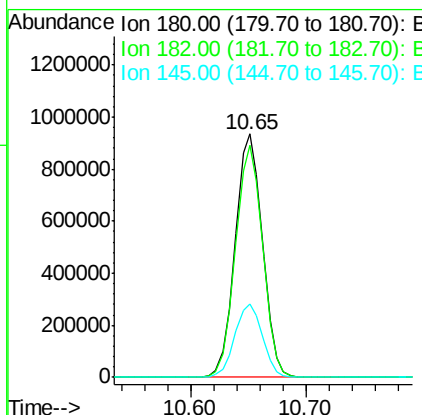
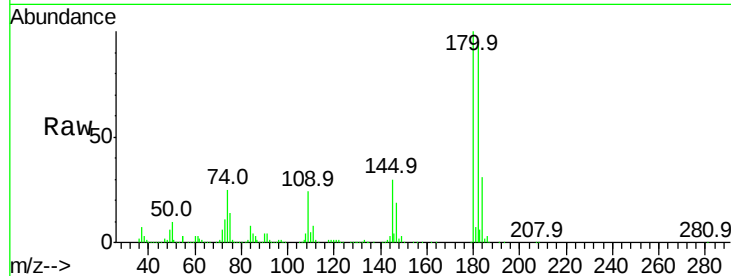
#30
1,2,4-Trichlorobenzene
Concen: 43.046 ng
RT: 10.65 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	30.1	23.4	35.2

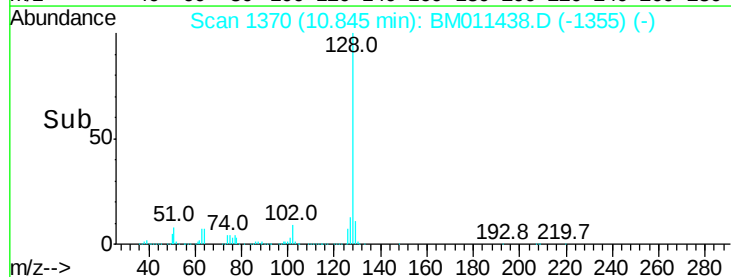
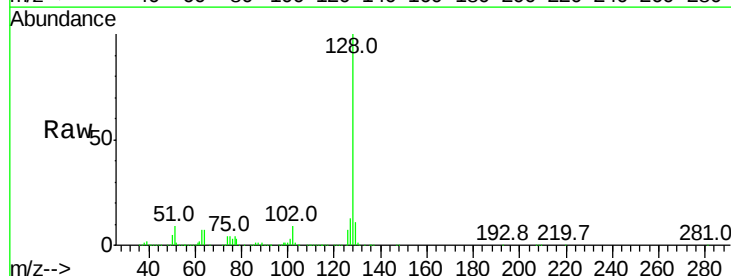
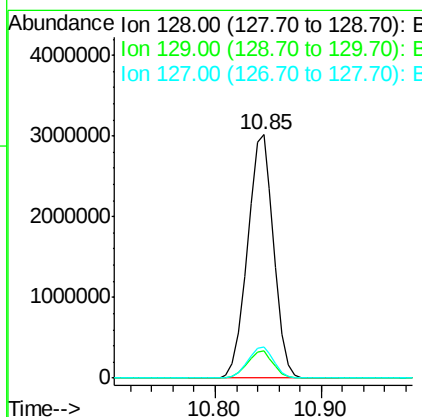
Manual Integrations
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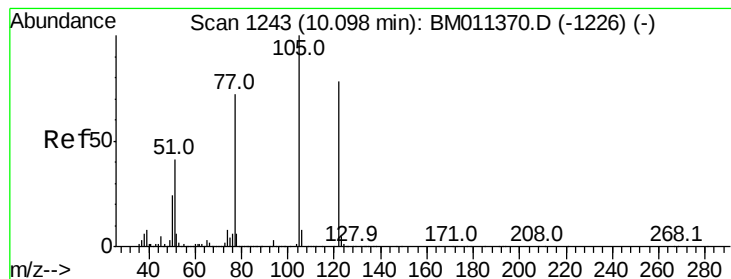
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#31
Naphthalene
Concen: 44.460 ng
RT: 10.85 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.4	15.6





#32

Benzoic acid

Concen: 34.116 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

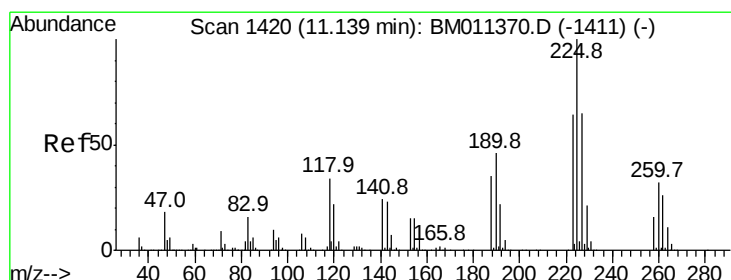
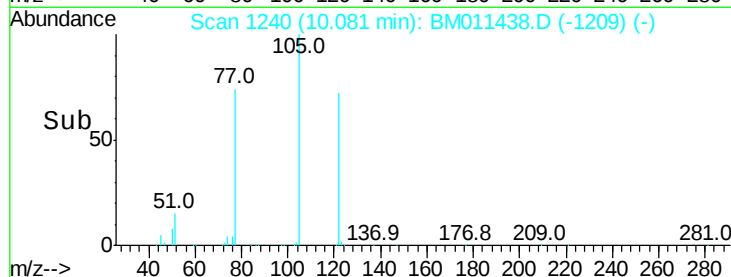
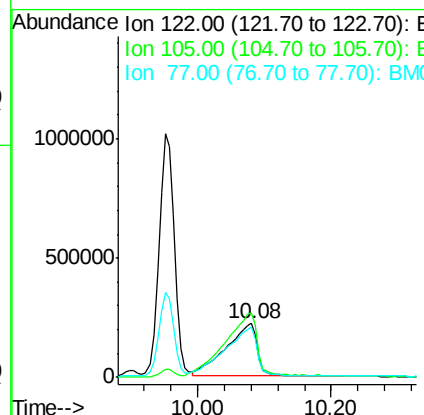
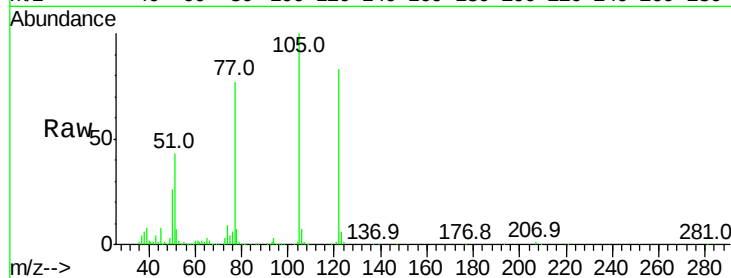
ClientSampled :

72-11948MSD

Tot Ion:	122	Resp:	739310
Ion Ratio	Lower	Upper	
122	100		
105	120.4	99.9	139.9
77	92.6	73.7	113.7

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 41.211 ng

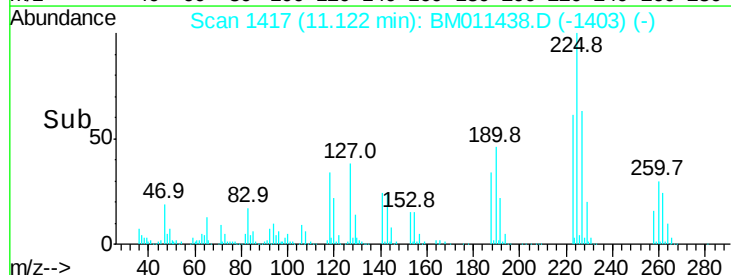
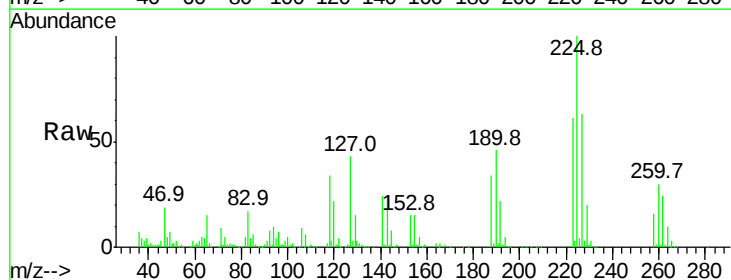
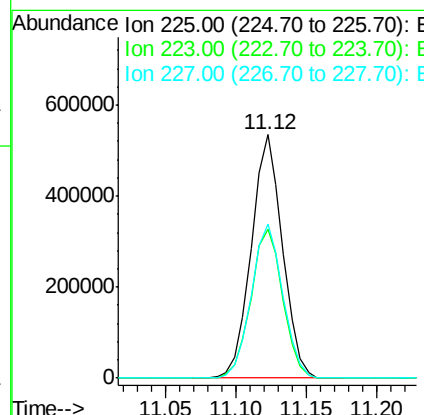
RT: 11.12 min Scan# 1417

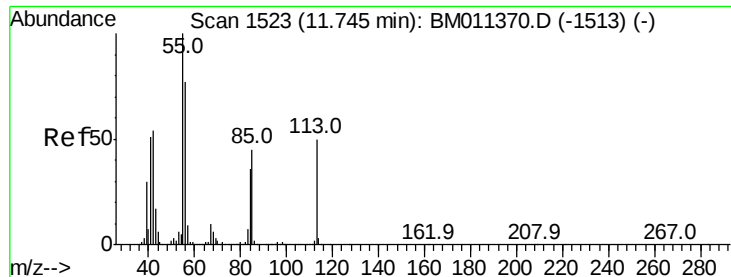
Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:	225	Resp:	829725
Ion Ratio	Lower	Upper	
225	100		
223	61.3	47.9	71.9
227	63.3	50.1	75.1





#35

Caprolactam

Concen: 28.777 ng/mL

RT: 11.75 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

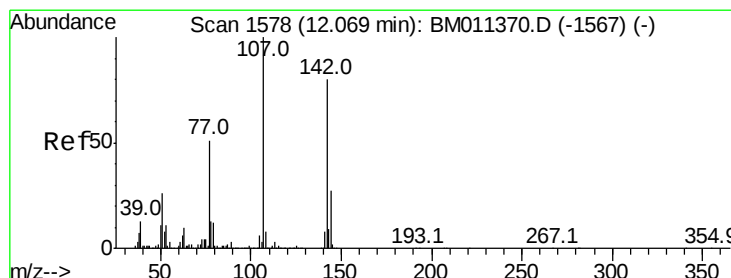
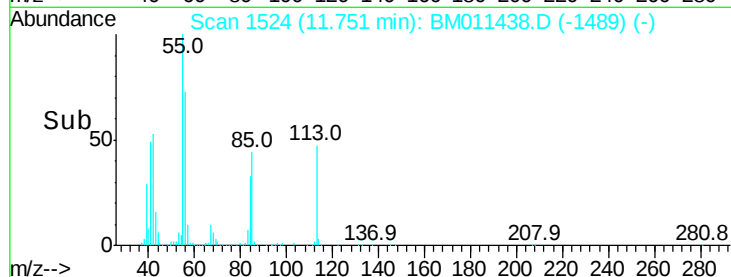
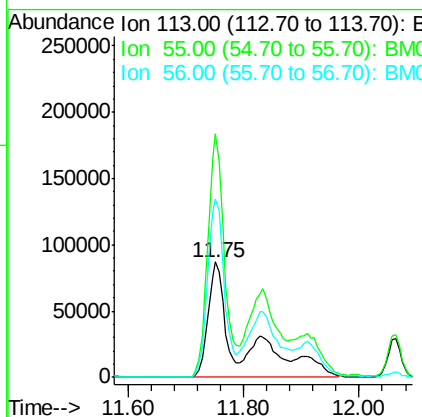
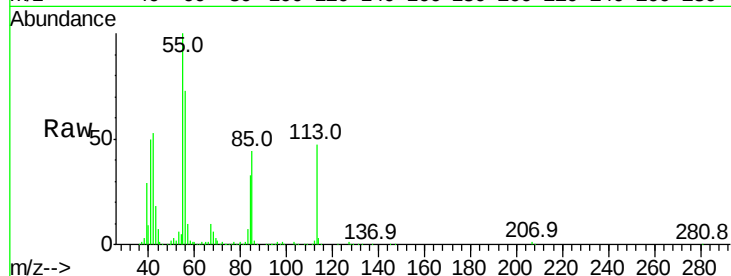
ClientSampleID :

72-11948MSD

Tot Ion:	113	Resp:	330805
Ion Ratio	Lower	Upper	
113	100		
55	211.2	145.9	185.9#
56	154.5	101.0	141.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.811 ng/mL

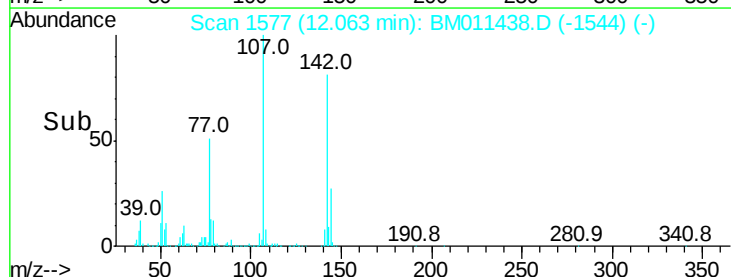
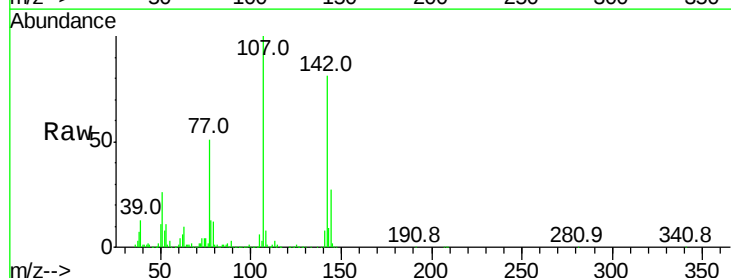
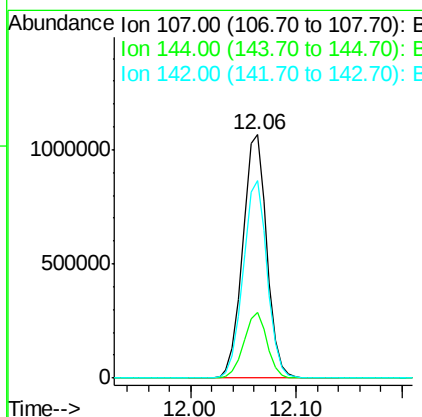
RT: 12.06 min Scan# 1577

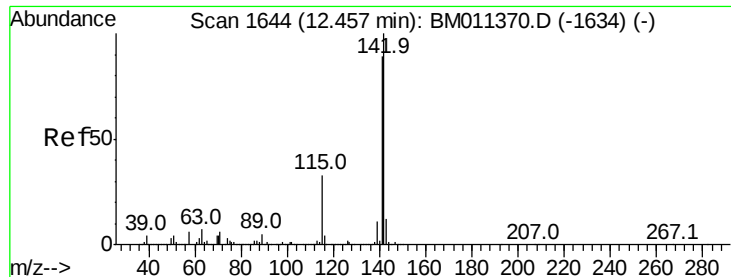
Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:	107	Resp:	1679982
Ion Ratio	Lower	Upper	
107	100		
144	26.9	23.3	34.9
142	81.1	72.6	109.0





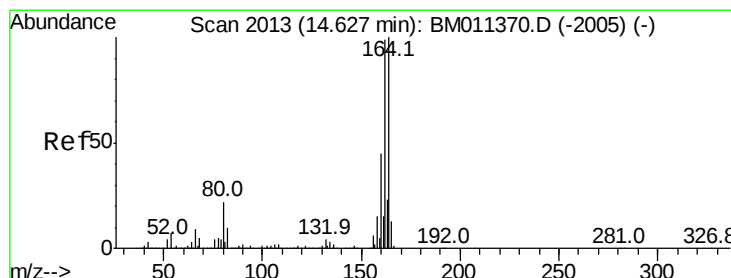
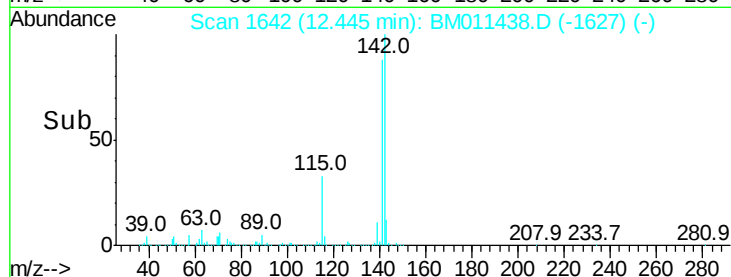
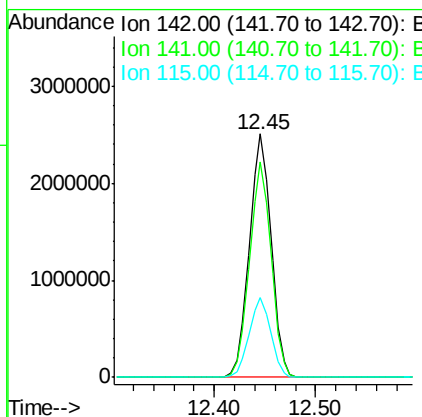
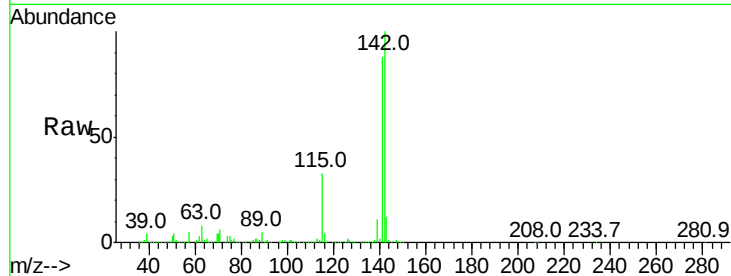
#37
2-Methylnaphthalene
Concen: 46.404 ng
RT: 12.45 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	32.9	25.4	38.0

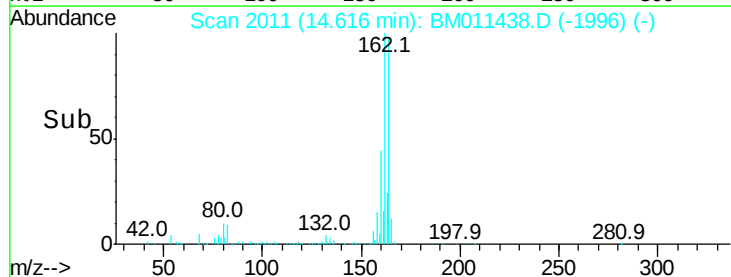
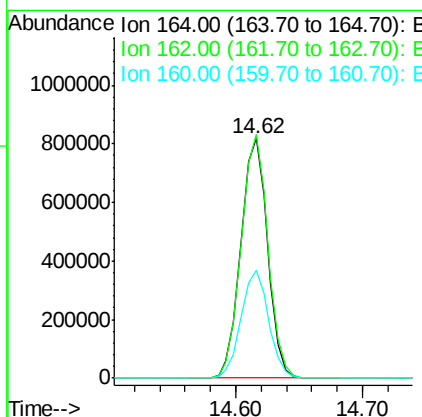
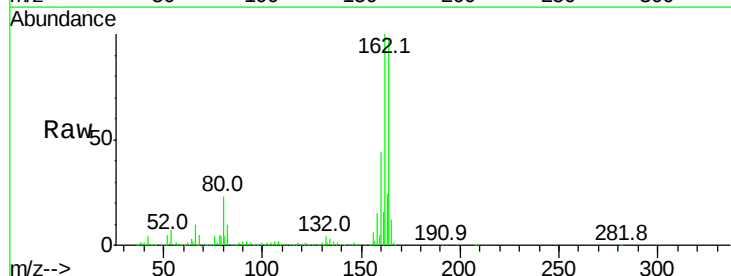
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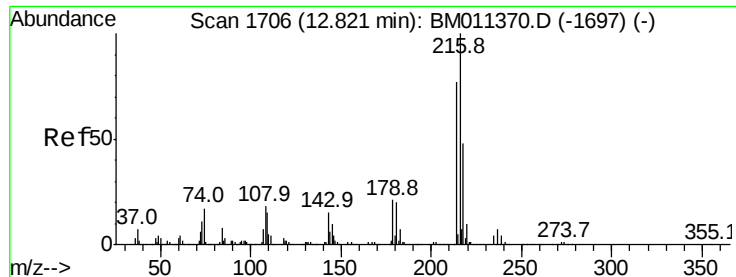
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.4	123.6
160	44.9	35.8	53.6





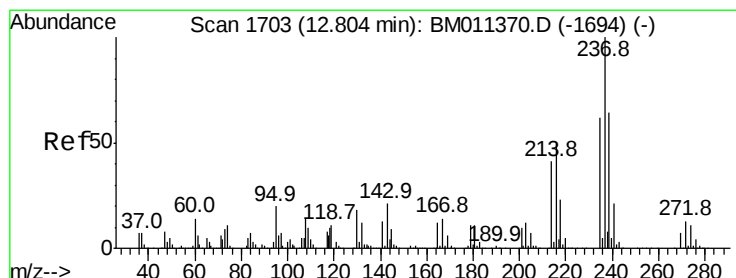
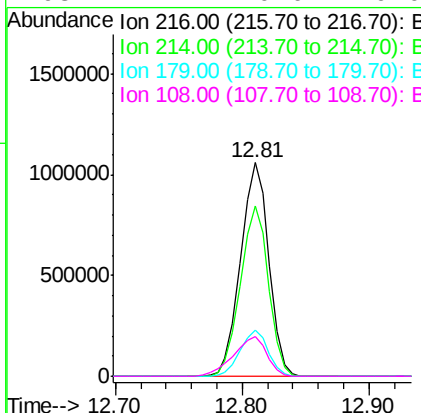
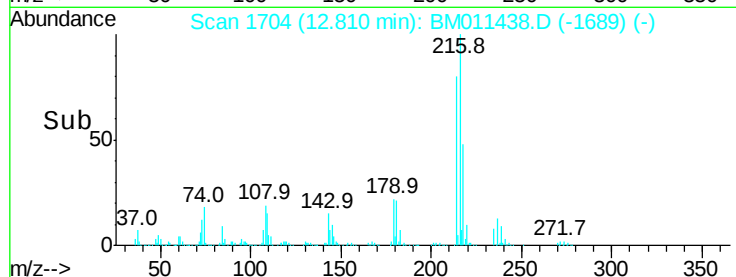
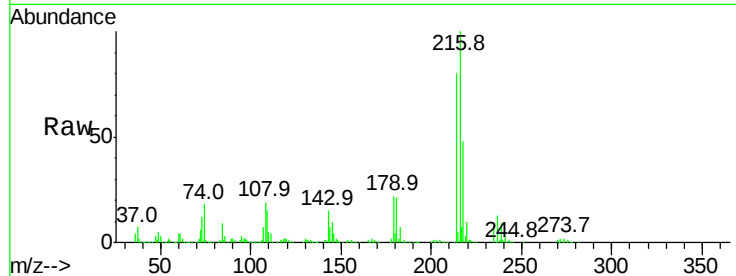
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.436 ng
 RT: 12.81 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.2	0.0	0.0#
179	21.5	0.0	0.0#
108	22.1	0.0	0.0#

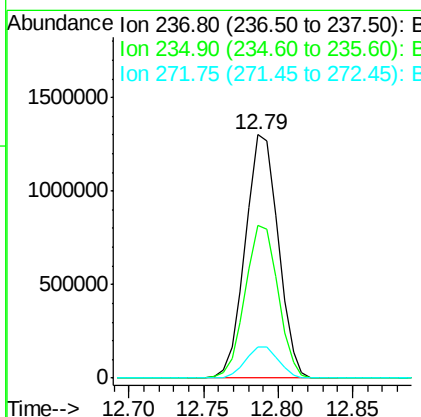
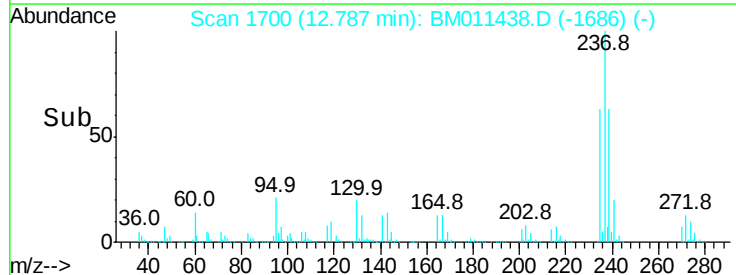
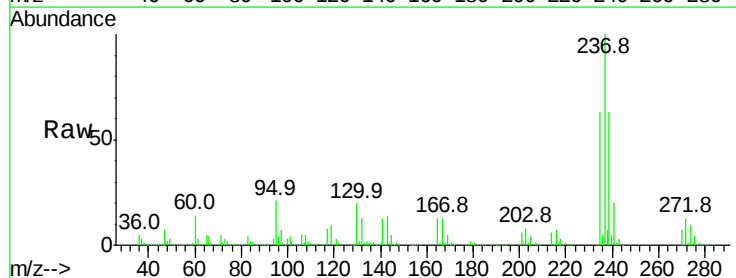
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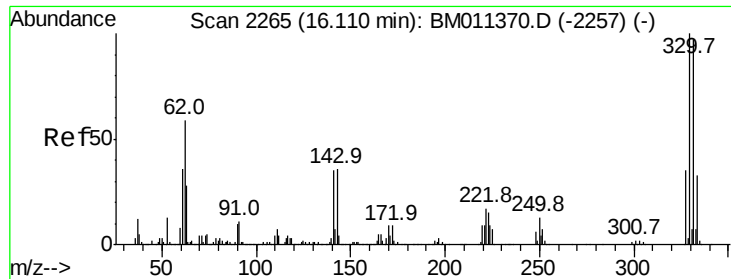
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#40
 Hexachlorocyclopentadiene
 Concen: 120.502 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.7	0.0	33.4





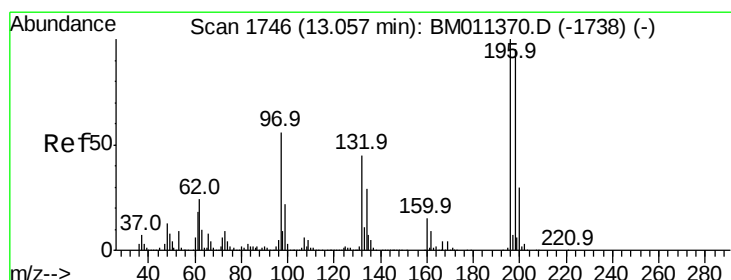
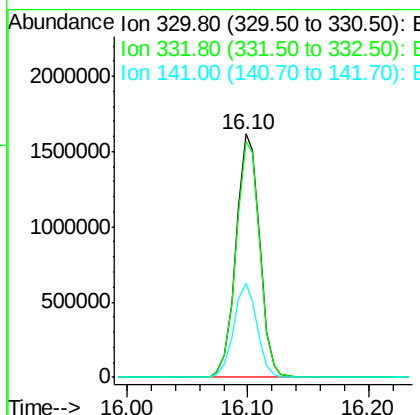
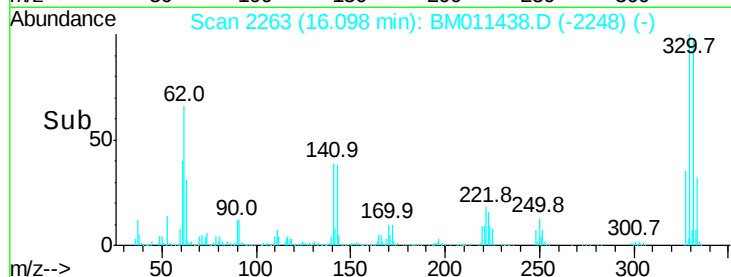
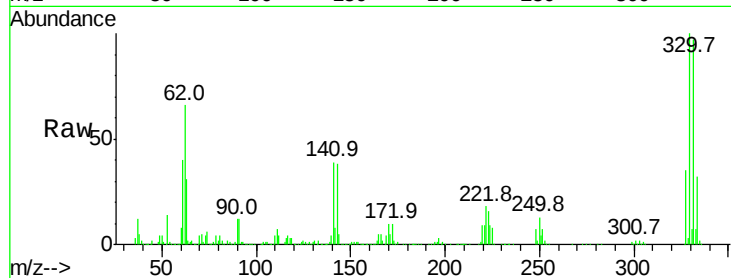
#41
 2,4,6-Tribromophenol
 Concen: 159.735 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	38.4	0.0	0.0#

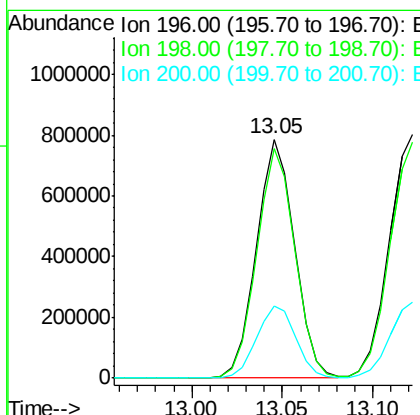
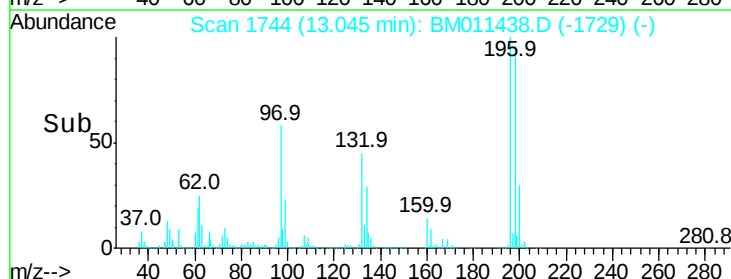
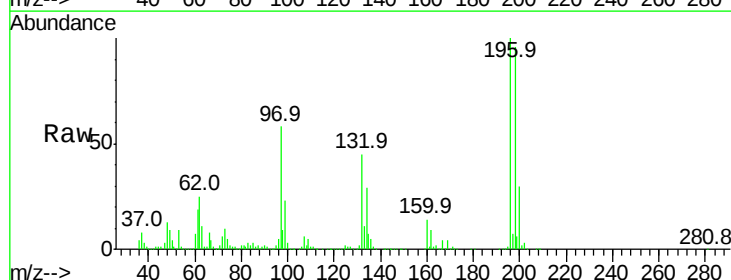
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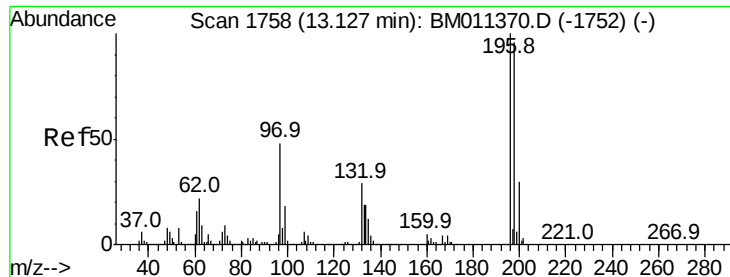
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#42
 2,4,6-Trichlorophenol
 Concen: 48.324 ng
 RT: 13.05 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.3	114.5
200	30.4	25.6	38.4





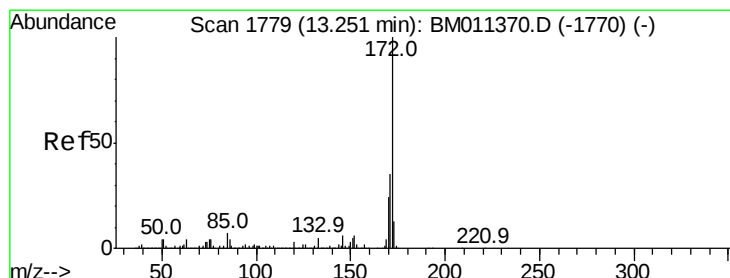
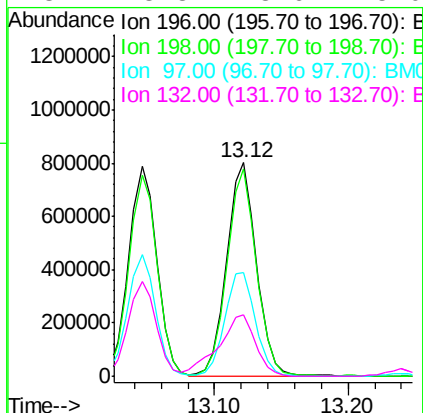
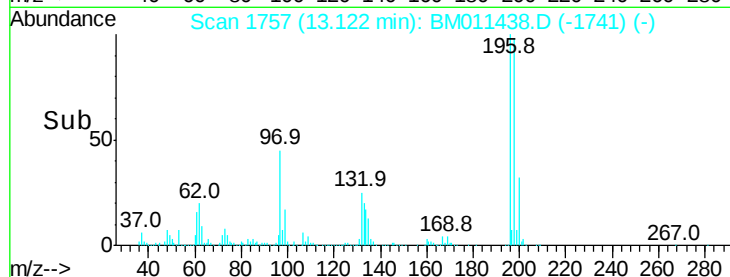
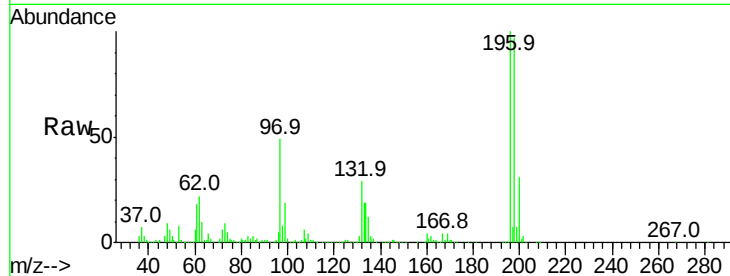
#43
2,4,5-Trichlorophenol
Concen: 51.364 ng
RT: 13.12 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.4	119.0
97	48.7	26.8	40.2#
132	28.8	18.6	28.0#

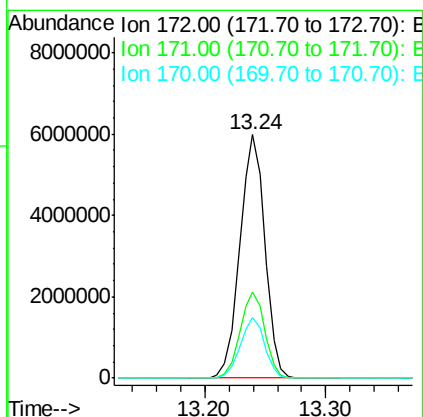
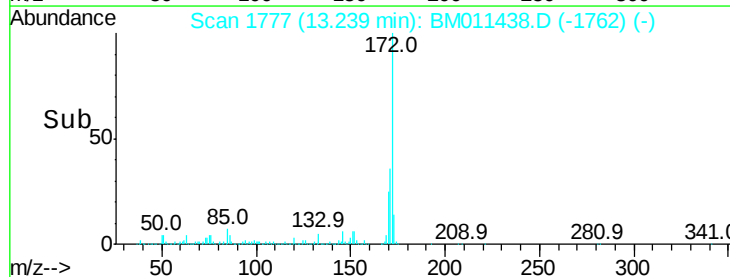
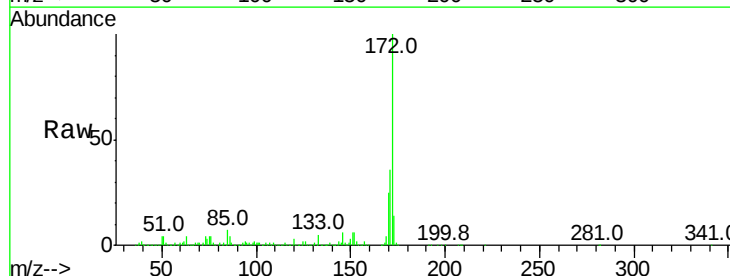
Manual Integrations
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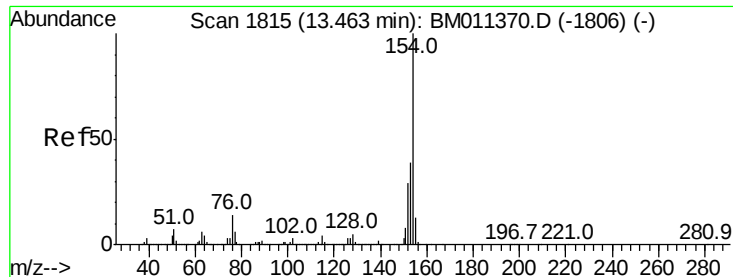
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#44
2-Fluorobiphenyl
Concen: 103.961 ng
RT: 13.24 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.8	18.8	28.2





#45

1,1'-Biphenyl

Concen: 44.180 ng

RT: 13.45 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:154 Resp: 4679093

Ion Ratio Lower Upper

154 100

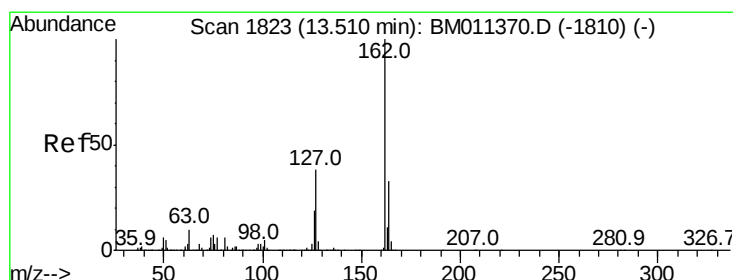
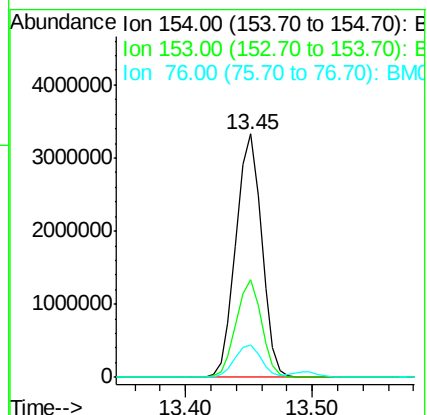
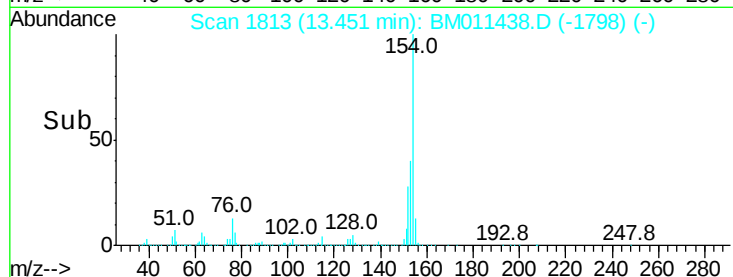
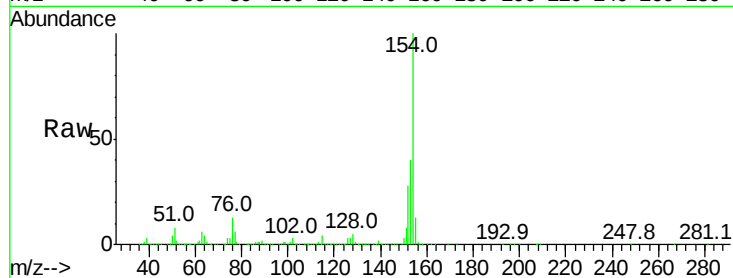
153 40.3 20.7 60.7

76 13.4 0.0 30.9

Manual Integrations
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Sohil

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#46

2-Chloronaphthalene

Concen: 44.762 ng

RT: 13.49 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

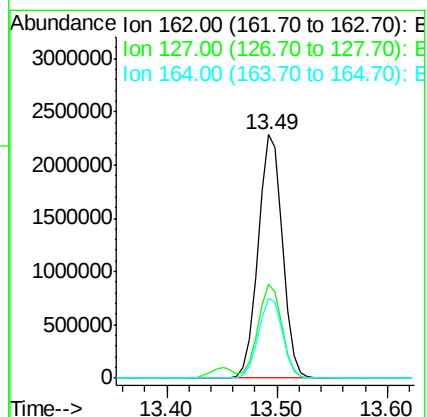
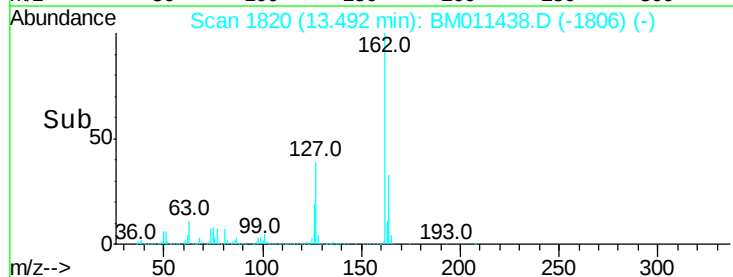
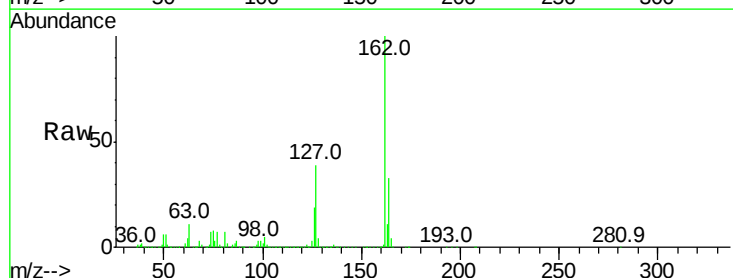
Tgt Ion:162 Resp: 3521695

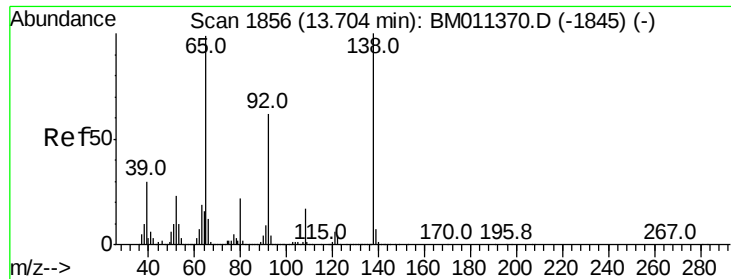
Ion Ratio Lower Upper

162 100

127 38.8 26.9 40.3

164 32.7 26.8 40.2





#47

2-Nitroaniline

Concen: 49.602 ng

RT: 13.69 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion: 65 Resp: 1243334

Ion Ratio Lower Upper

65 100

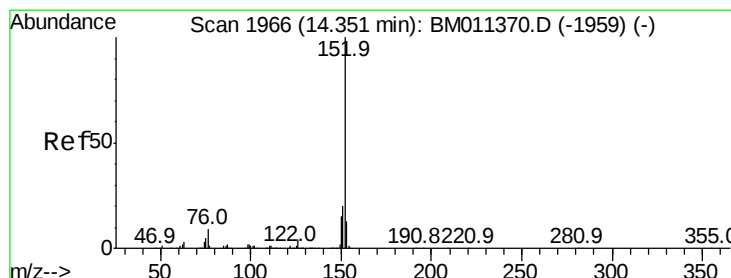
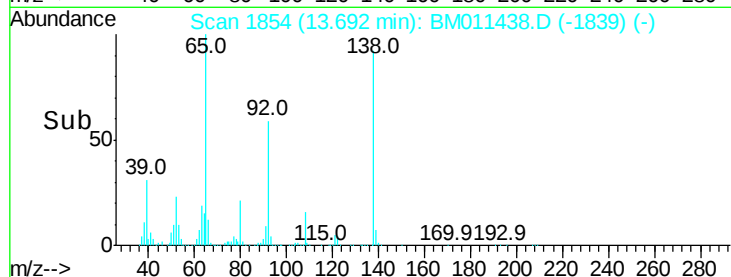
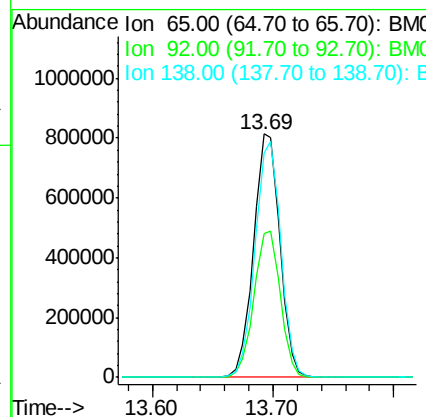
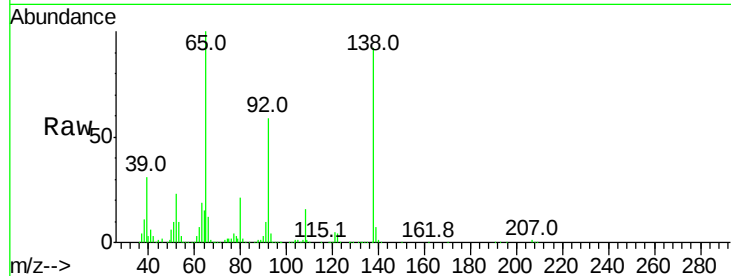
92 58.8 59.1 88.7#

138 92.2 93.9 140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 46.428 ng

RT: 14.34 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

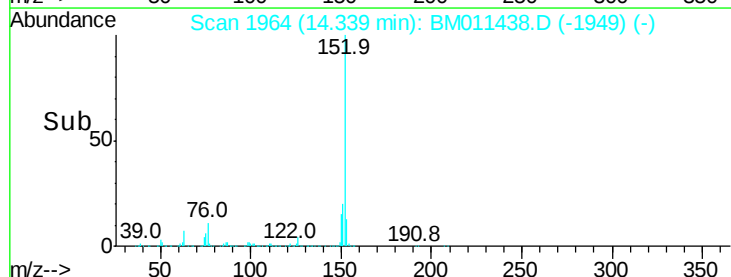
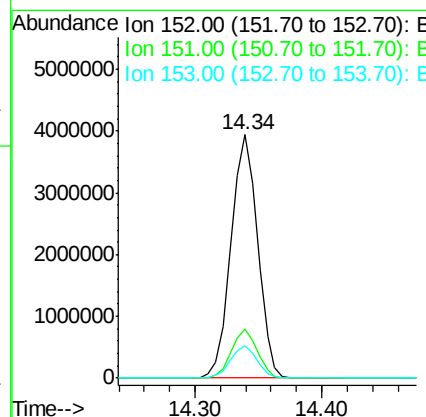
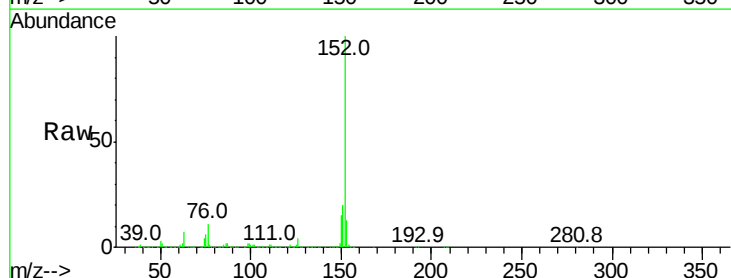
Tgt Ion: 152 Resp: 5691509

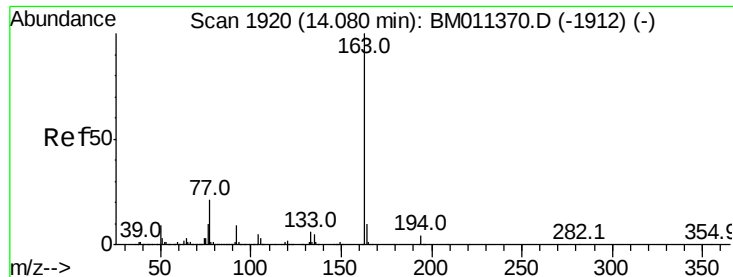
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.4 10.6 16.0





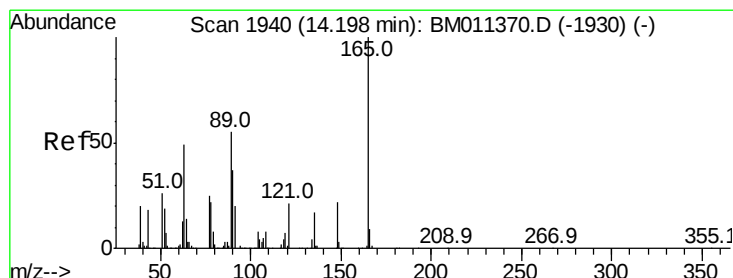
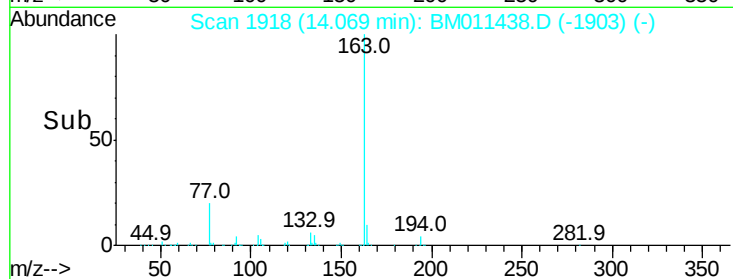
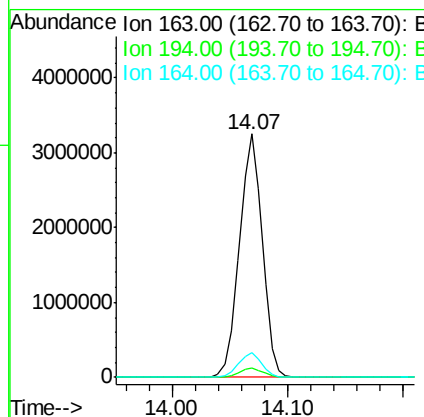
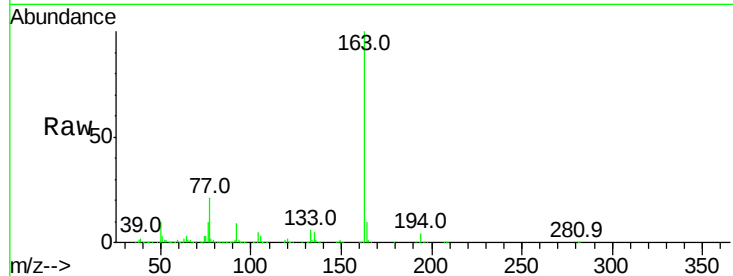
#49
Dimethylphthalate
Concen: 46.978 ng
RT: 14.07 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

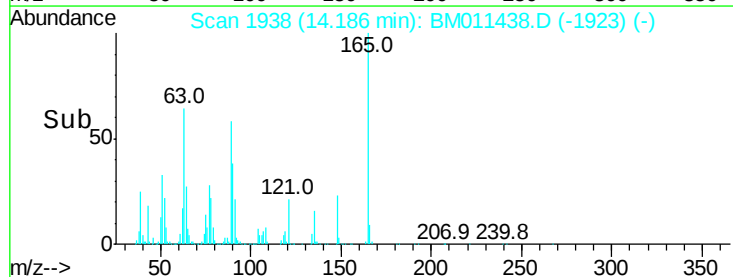
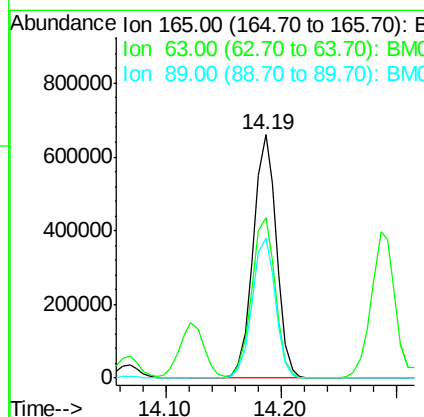
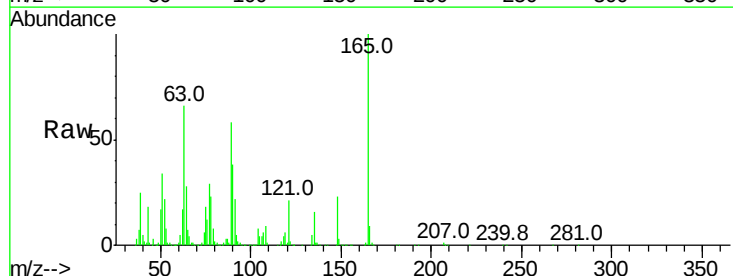
Manual Integrations
APPROVED

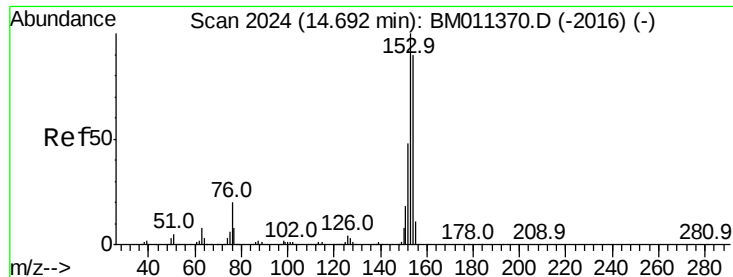
Sohil
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#50
2,6-Dinitrotoluene
Concen: 51.452 ng
RT: 14.19 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.7	44.1	66.1
89	57.6	44.3	66.5





#51

Acenaphthene

Concen: 44.640 ng

RT: 14.68 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:154 Resp: 3553466

Ion Ratio Lower Upper

154 100

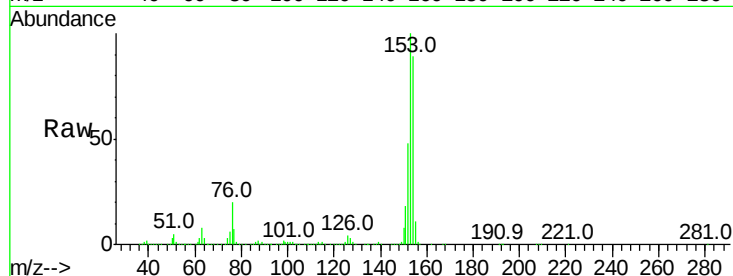
153 112.8 90.0 135.0

152 53.7 42.6 63.8

Manual Integrations
APPROVED

Sohil

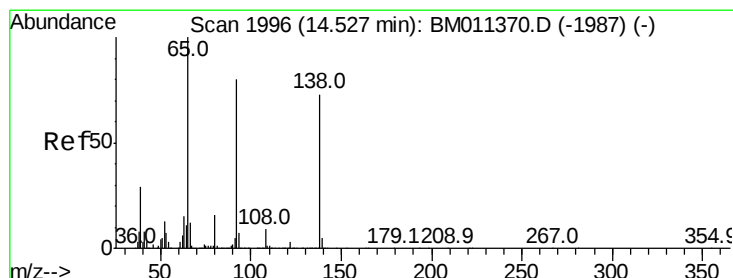
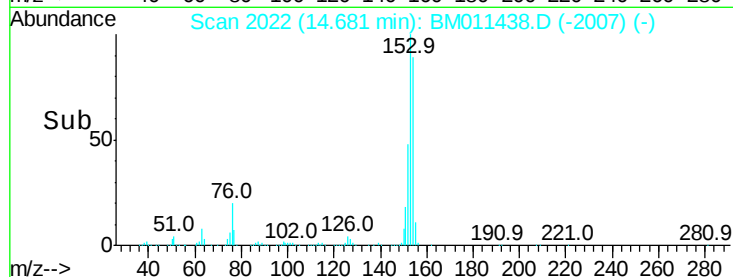
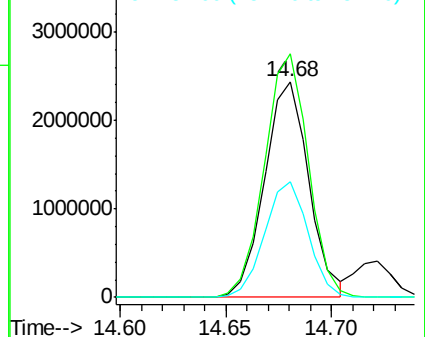
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.867 ng

RT: 14.53 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

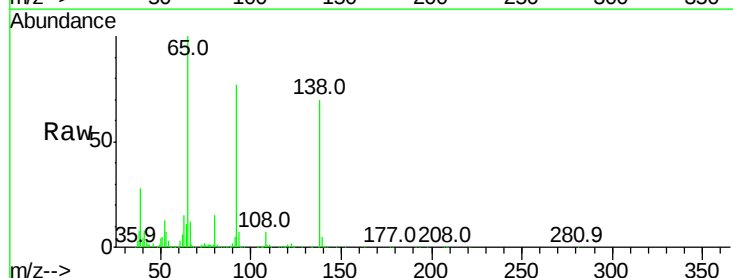
Tgt Ion:138 Resp: 999408

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

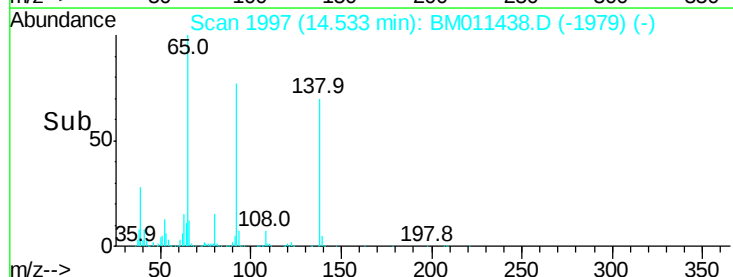
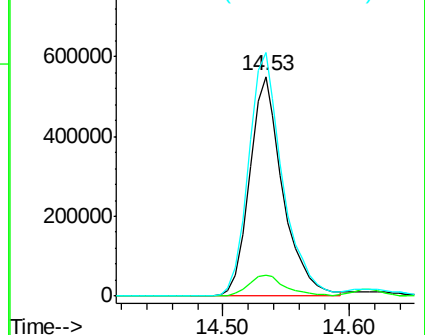
92 111.0 76.6 114.8

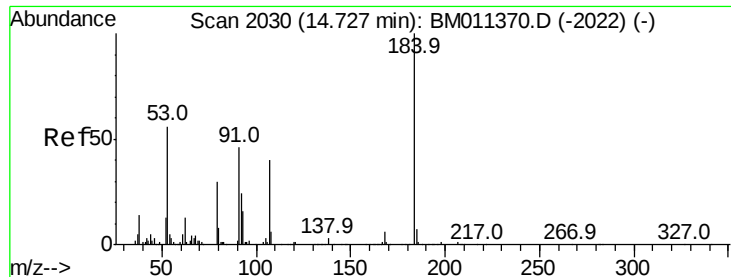


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





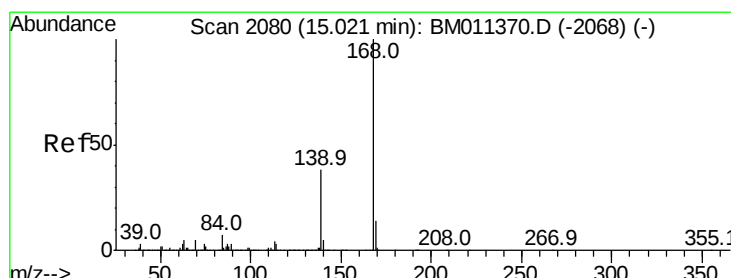
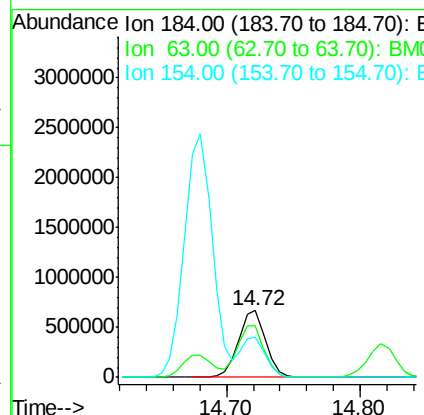
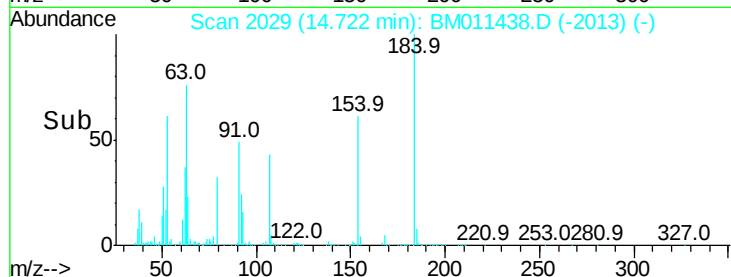
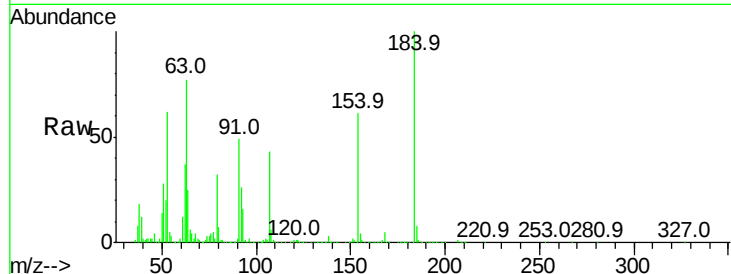
#53
2,4-Dinitrophenol
Concen: 103.175 ng
RT: 14.72 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.9	69.2	103.8	
154	60.7	53.3	79.9	

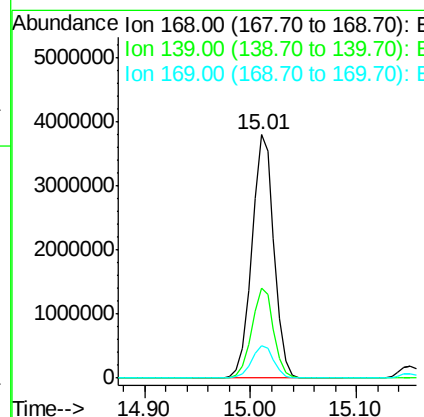
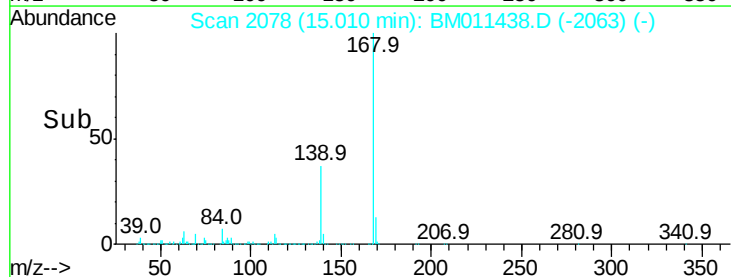
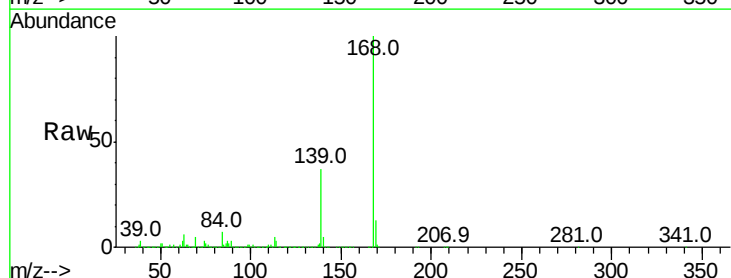
Manual Integrations
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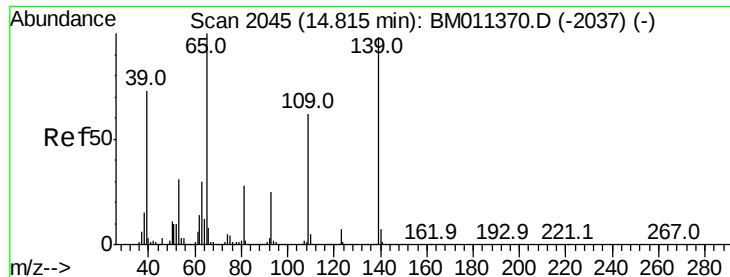
Sohil
9/6/2017 5:14:18 PM



#54
Dibenzofuran
Concen: 49.989 ng
RT: 15.01 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.2	27.3	40.9	
169	13.5	10.6	16.0	





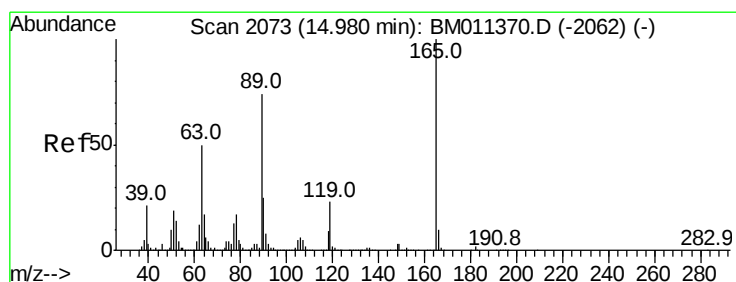
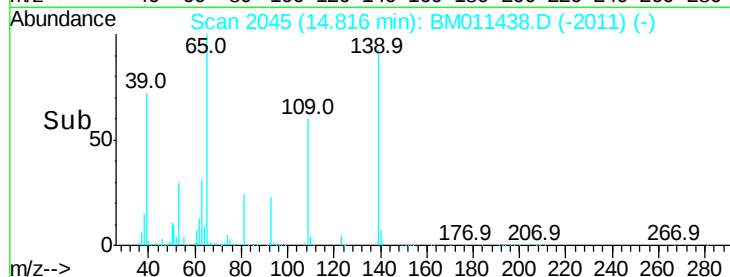
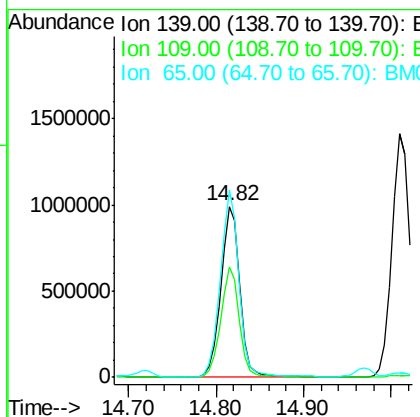
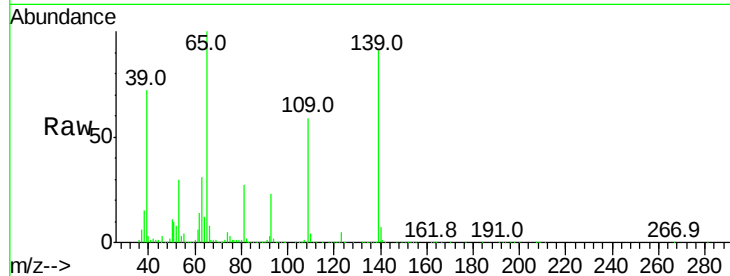
#55
4-Nitrophenol
Concen: 82.857 ng
RT: 14.82 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion:139 Resp: 1503344
Ion Ratio Lower Upper
139 100
109 64.7 130.0 170.0#
65 109.5 130.0 170.0#

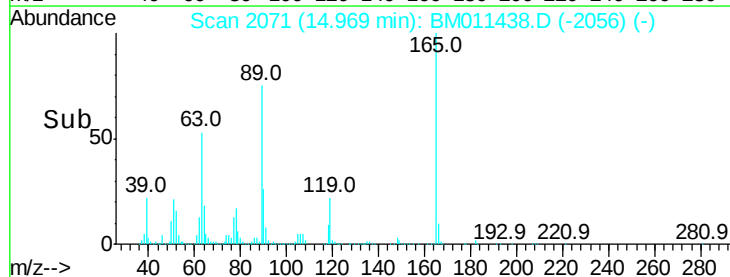
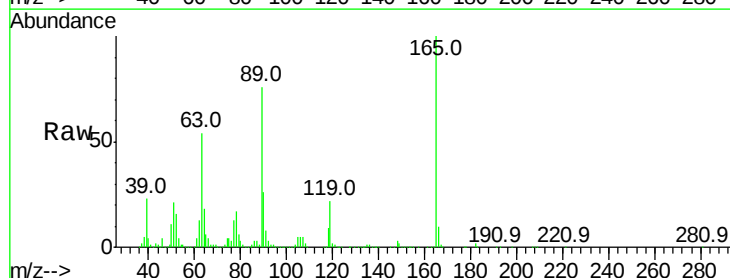
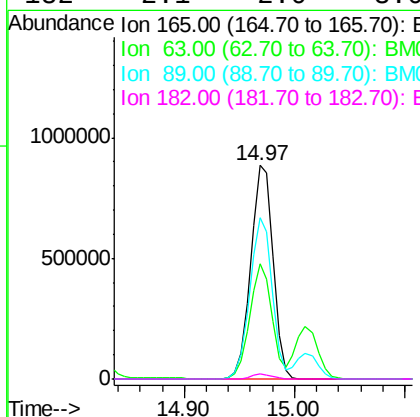
Manual Integrations
APPROVED

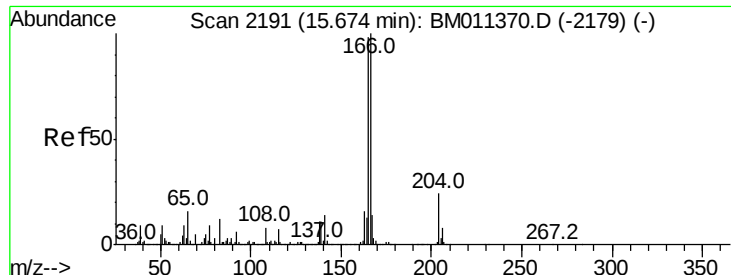
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.491 ng
RT: 14.97 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion:165 Resp: 1259202
Ion Ratio Lower Upper
165 100
63 53.7 52.4 78.6
89 75.5 72.4 108.6
182 2.1 2.0 3.0





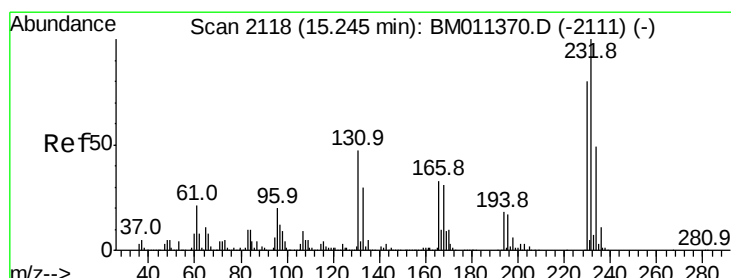
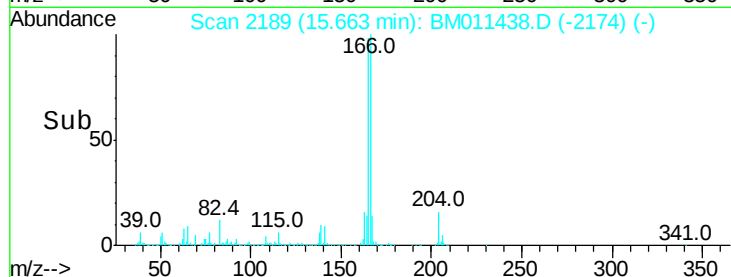
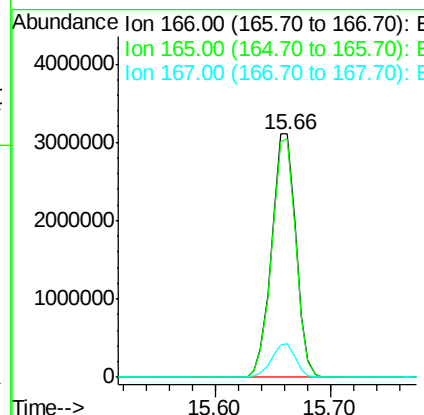
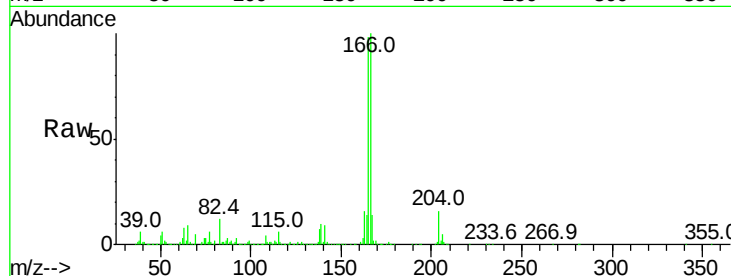
#57
 Fluorene
 Concen: 47.545 ng
 RT: 15.66 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion:166 Resp: 4549780
 Ion Ratio Lower Upper
 166 100
 165 97.9 79.0 118.4
 167 13.7 10.3 15.5

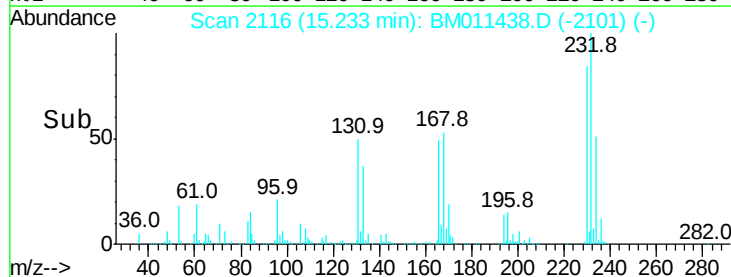
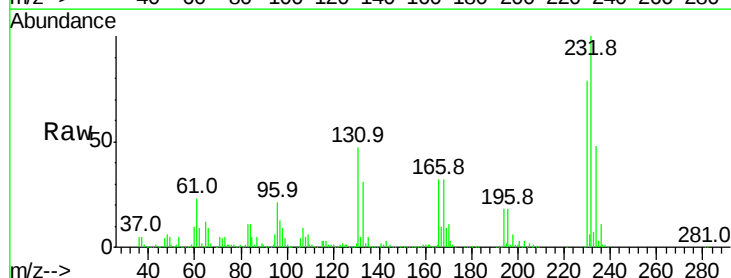
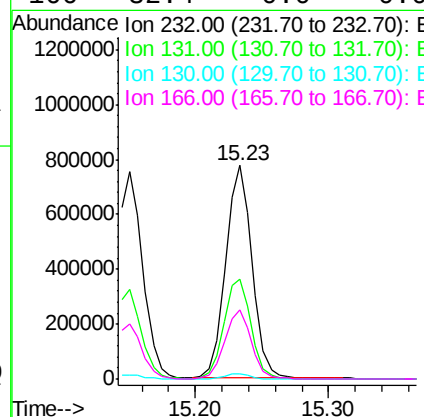
Manual Integrations
 APPROVED

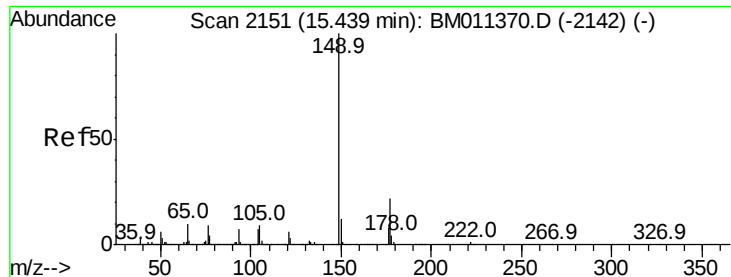
Sohil
 9/6/2017 5:14:18 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.262 ng
 RT: 15.23 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion:232 Resp: 1079274
 Ion Ratio Lower Upper
 232 100
 131 48.1 0.0 0.0#
 130 2.4 0.0 0.0#
 166 32.4 0.0 0.0#





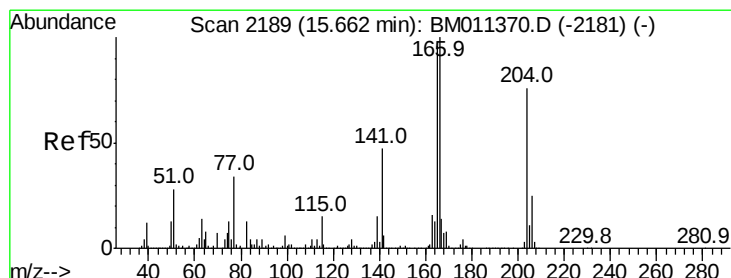
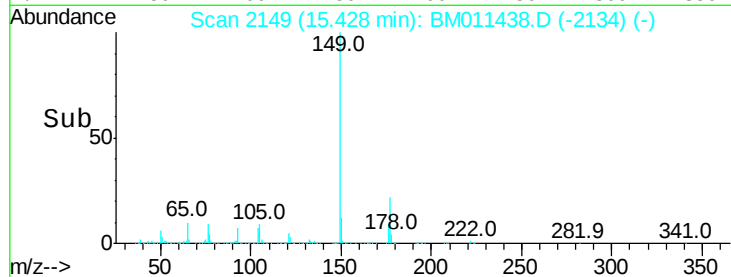
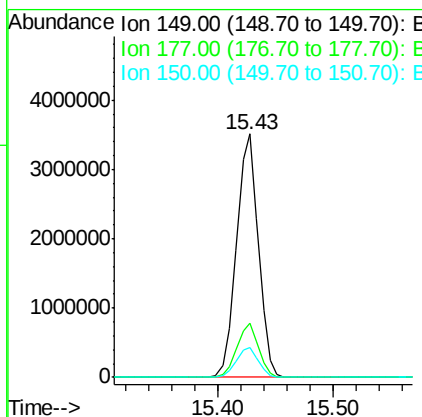
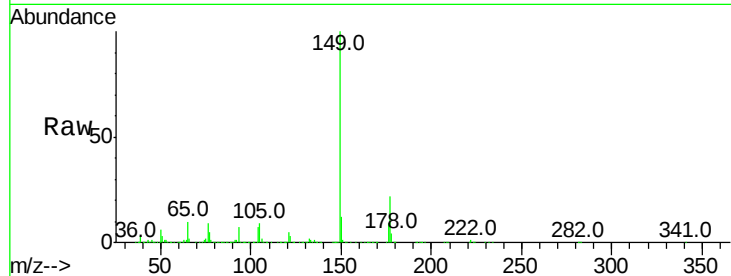
#59
Diethylphthalate
Concen: 46.926 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.3	27.5
150	12.3	9.8	14.8

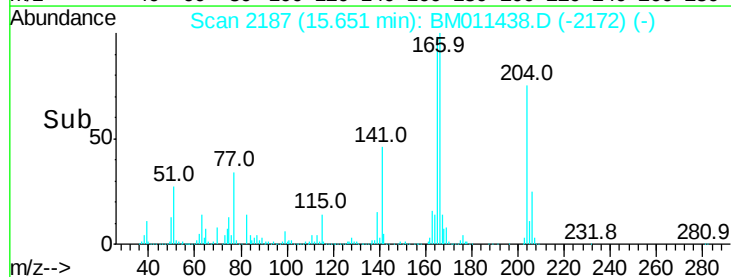
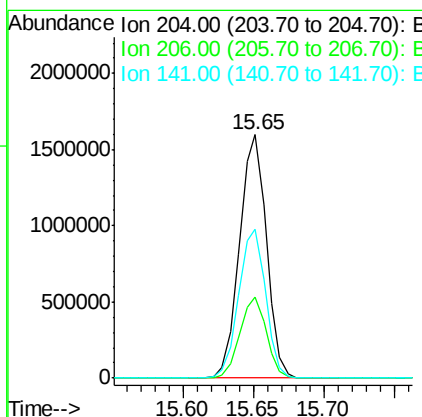
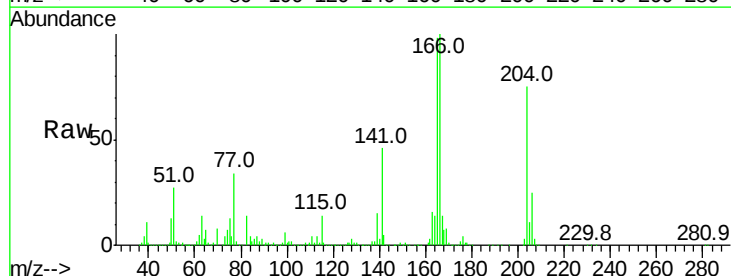
Manual Integrations
APPROVED

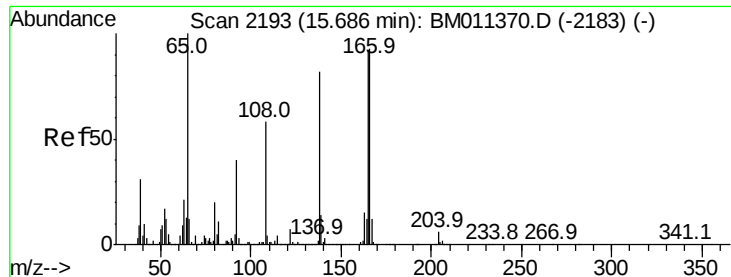
Sohil
9/6/2017 5:14:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.475 ng
RT: 15.65 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	61.1	45.2	67.8





#61

4-Nitroaniline

Concen: 46.134 ng

RT: 15.68 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:138 Resp: 1118097

Ion Ratio Lower Upper

138 100

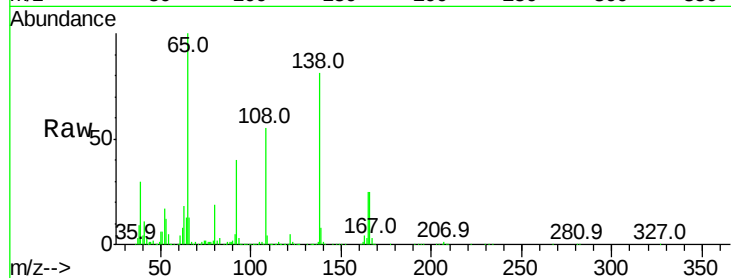
92 49.4 16.7 56.7

108 67.3 37.6 77.6

Manual Integrations
APPROVED

Sohil

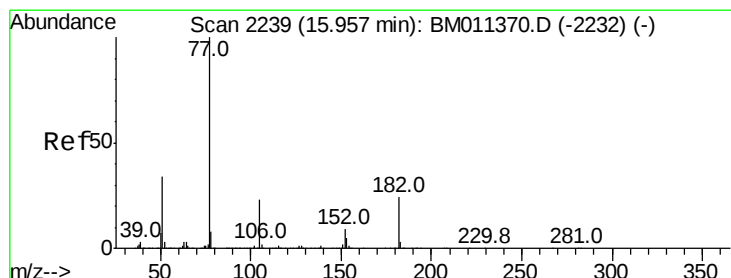
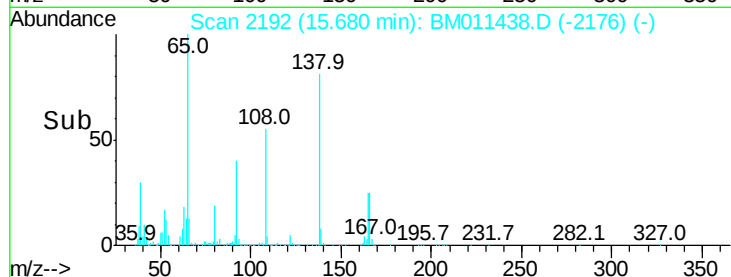
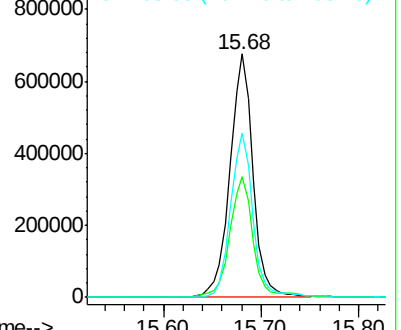
9/6/2017 5:14:18 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.812 ng

RT: 15.95 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion: 77 Resp: 4560662

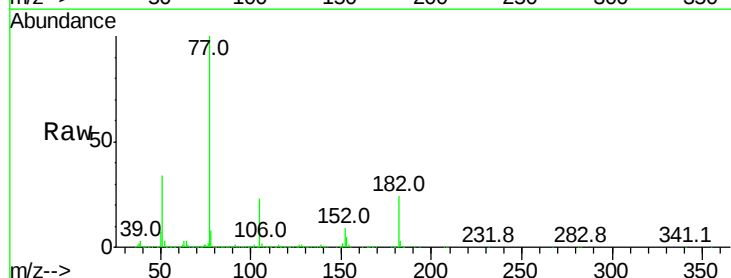
Ion Ratio Lower Upper

77 100

182 24.5 6.5 46.5

105 22.8 3.8 43.8

51 34.3 5.5 45.5

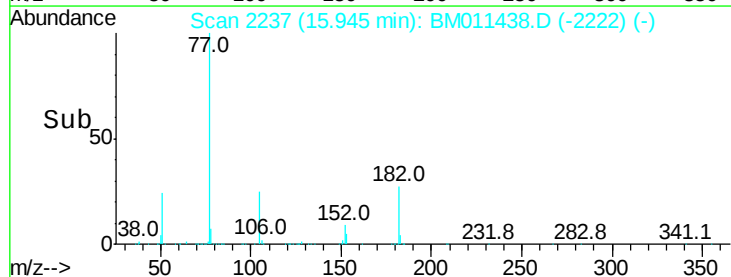
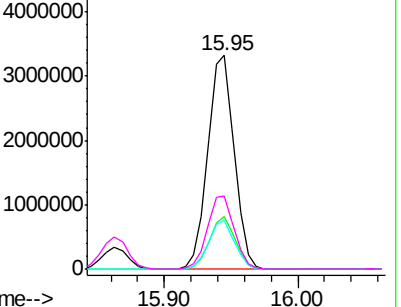


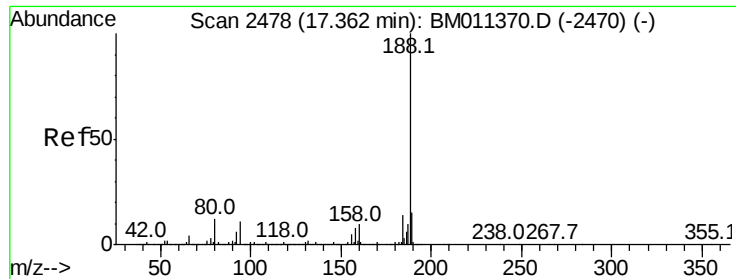
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





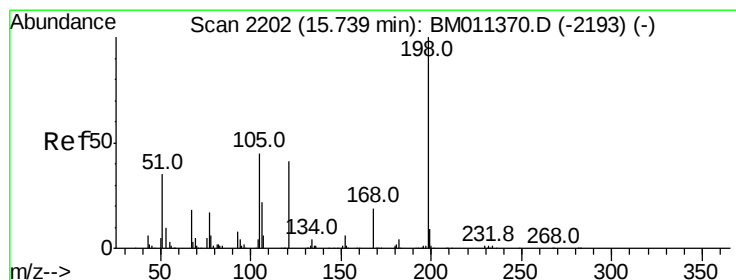
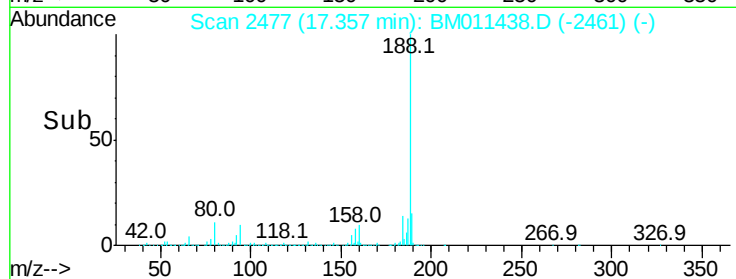
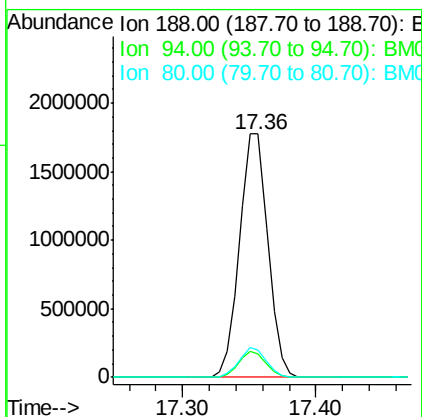
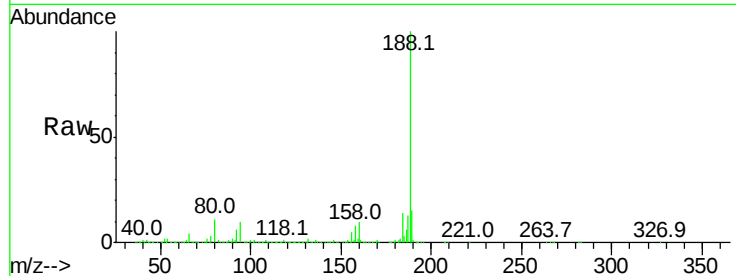
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.7	13.1
80	11.0	9.3	13.9

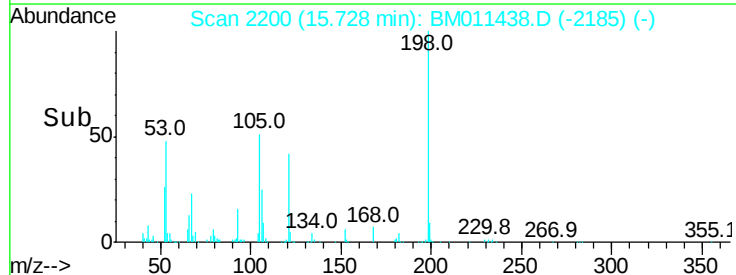
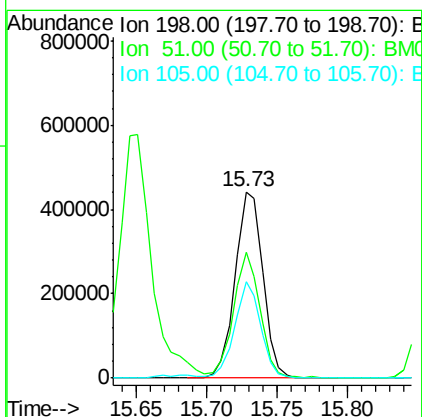
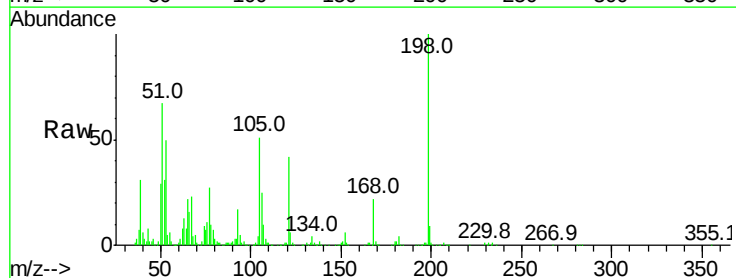
Manual Integrations
APPROVED

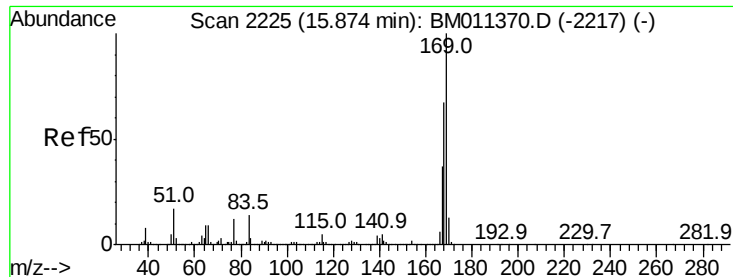
Sohil
9/6/2017 5:14:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 56.054 ng
RT: 15.73 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.3	28.8	68.8
105	51.4	30.5	70.5





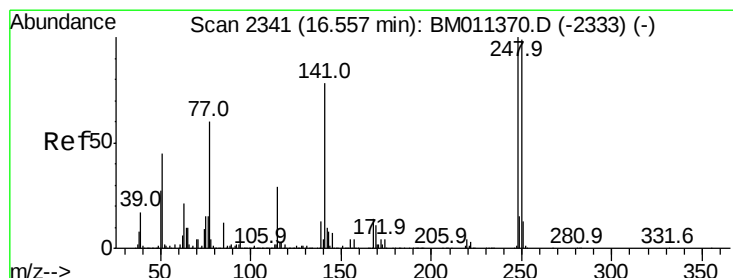
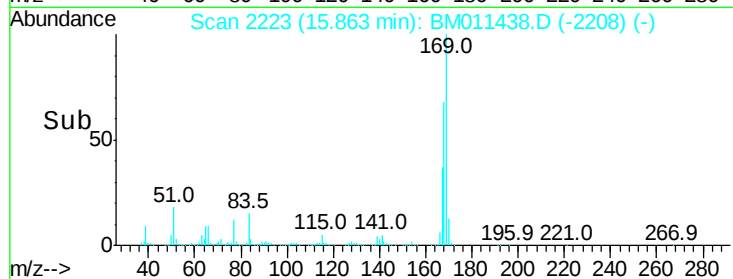
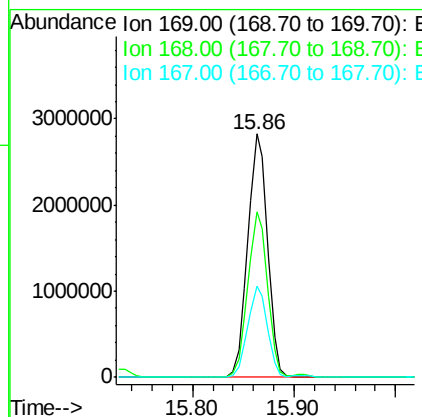
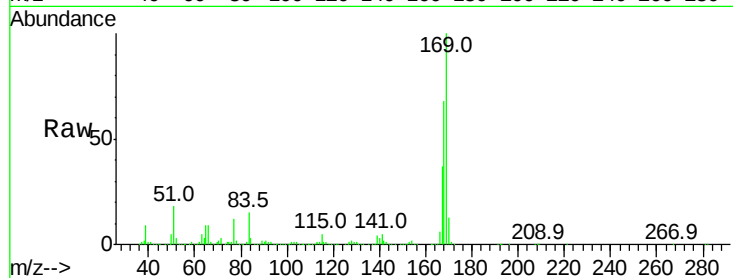
#65
n-Nitrosodiphenylamine
Concen: 46.639 ng
RT: 15.86 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	37.4	28.9	43.3

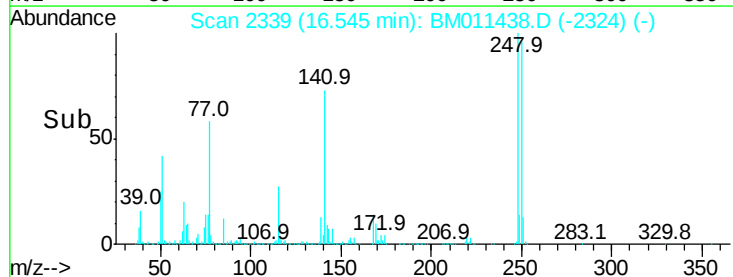
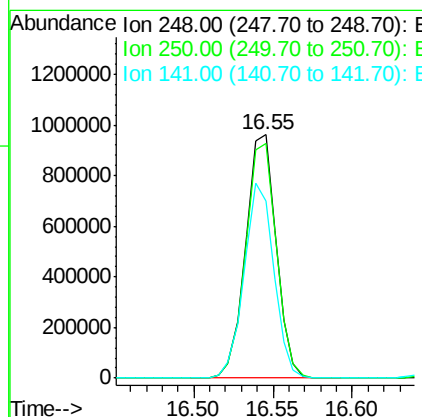
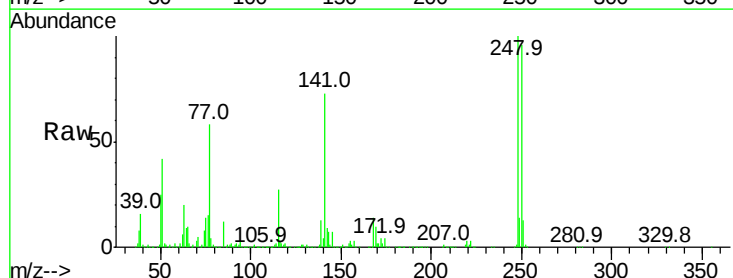
Manual Integrations
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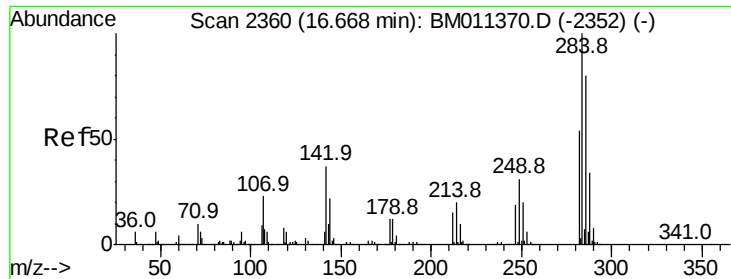
Sohil
9/6/2017 5:14:18 PM



#66
4-Bromophenyl-phenylether
Concen: 46.940 ng
RT: 16.55 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.0
141	72.5	45.2	67.8#





#67

Hexachlorobenzene

Concen: 43.201 ng

RT: 16.66 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:284 Resp: 1389487

Ion Ratio Lower Upper

284 100

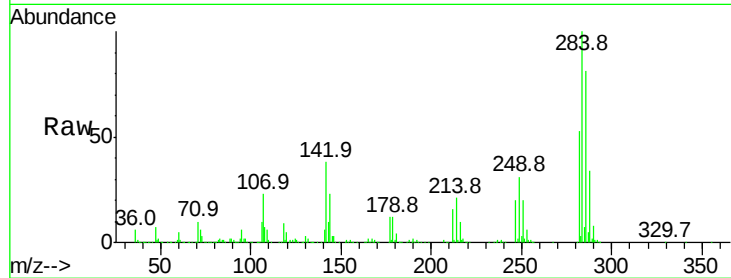
142 38.2 20.4 30.6#

249 31.3 23.8 35.6

Manual Integrations
APPROVED

Sohil

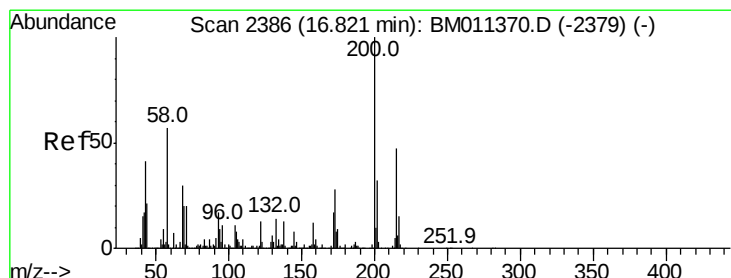
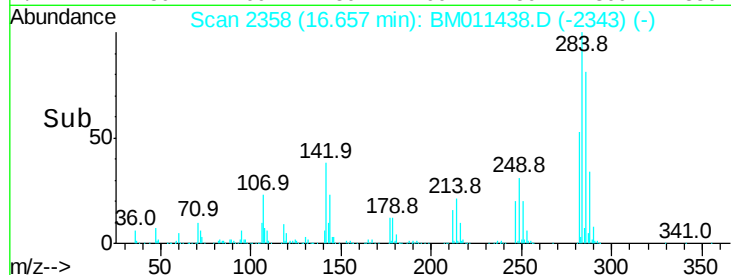
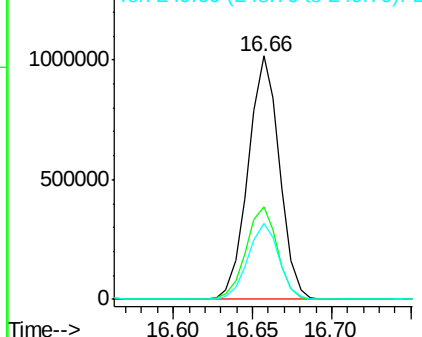
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.014 ng

RT: 16.82 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

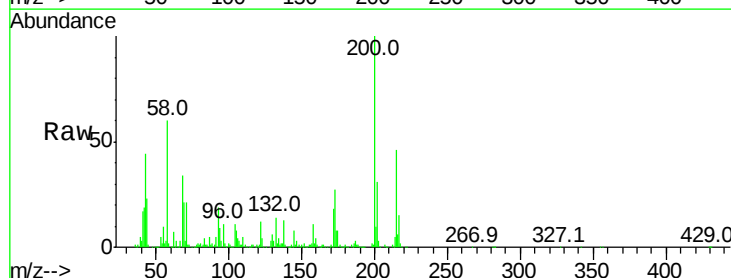
Tgt Ion:200 Resp: 1179424

Ion Ratio Lower Upper

200 100

173 27.3 4.8 44.8

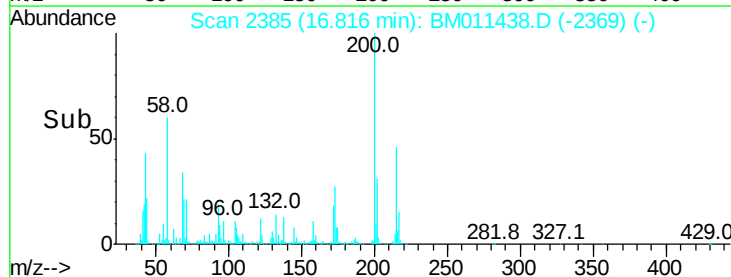
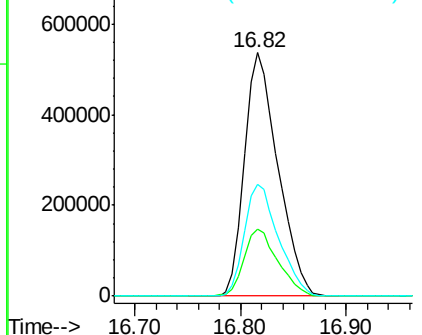
215 45.9 26.9 66.9

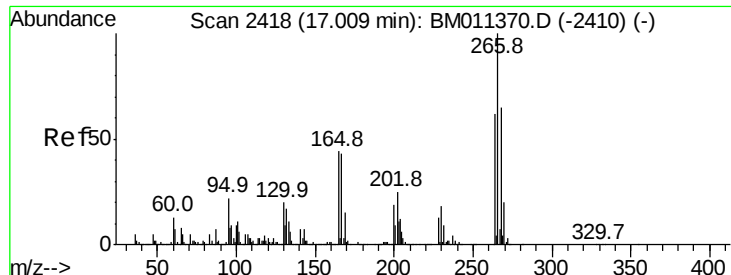


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





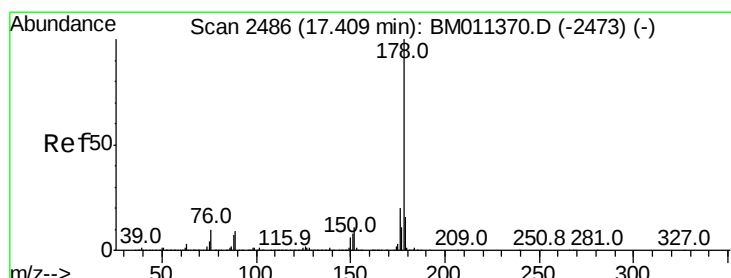
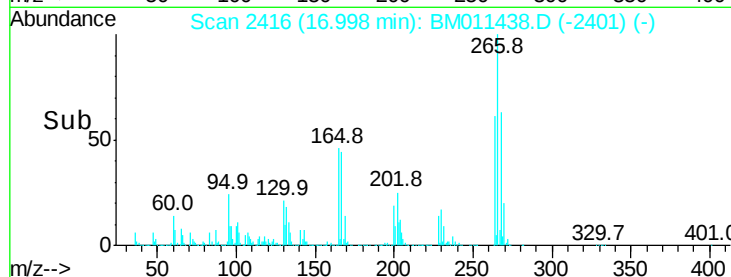
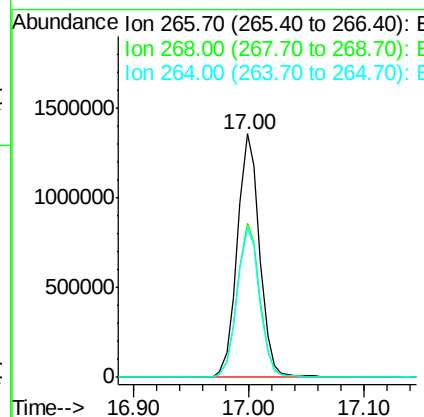
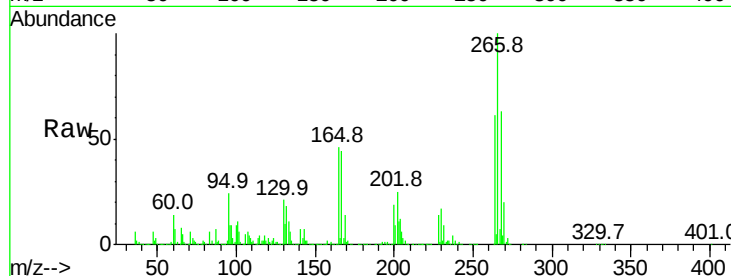
#69
 Pentachlorophenol
 Concen: 103.050 ng
 RT: 17.00 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	52.0	78.0
264	61.3	49.0	73.4

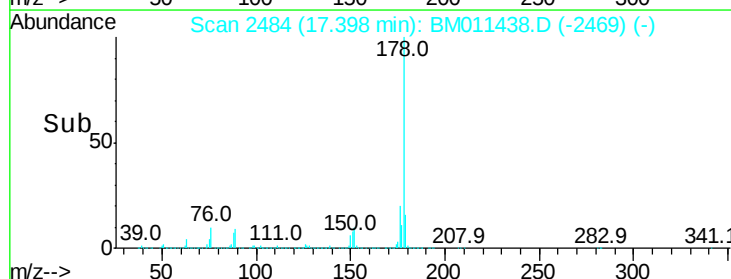
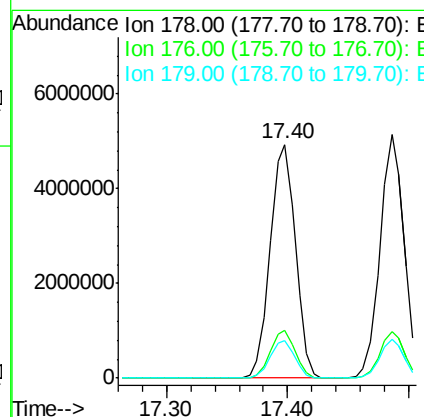
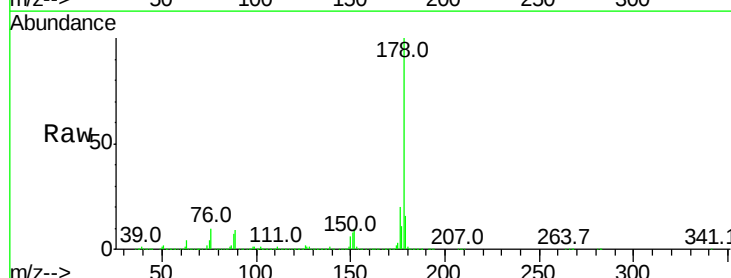
Manual Integrations
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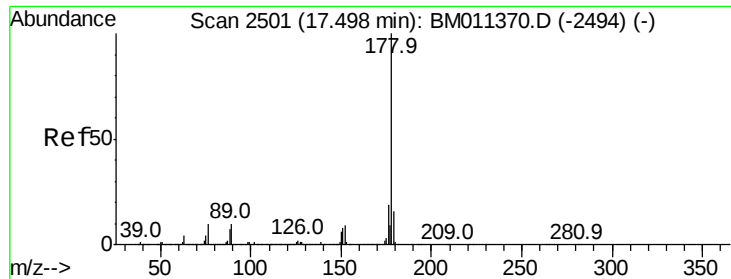
Sohil
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#70
 Phenanthrene
 Concen: 49.174 ng
 RT: 17.40 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	16.0	12.1	18.1





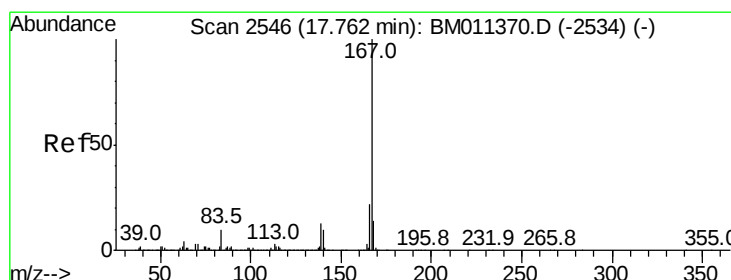
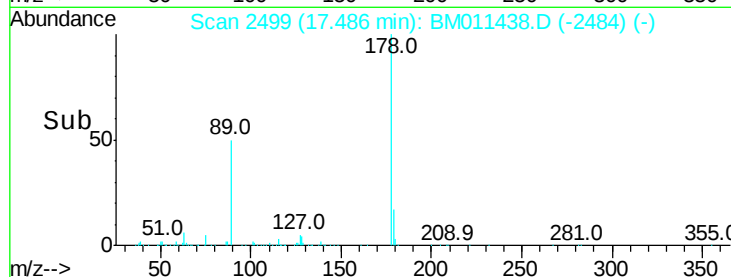
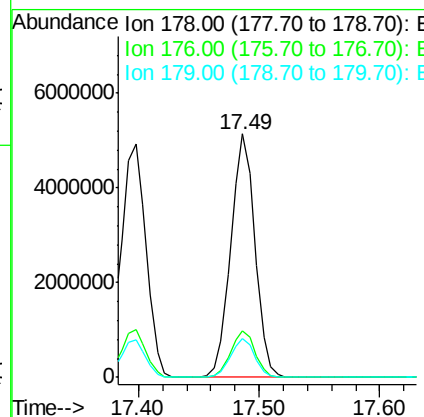
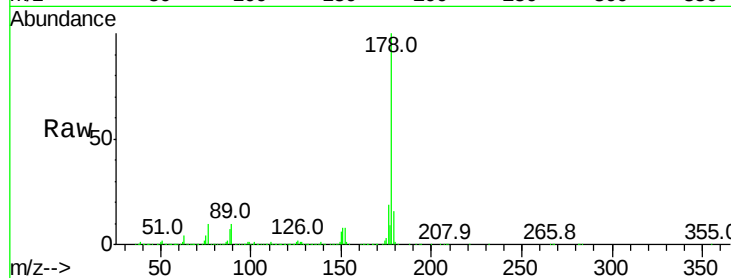
#71
 Anthracene
 Concen: 48.927 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	16.1	12.6	19.0

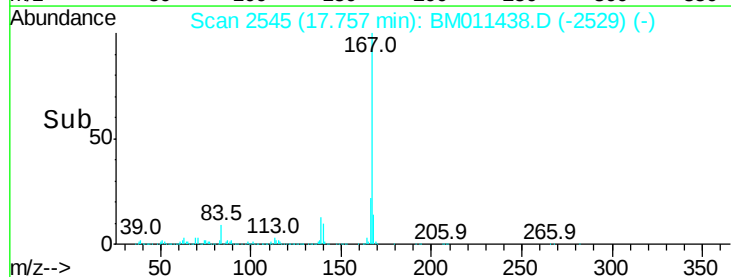
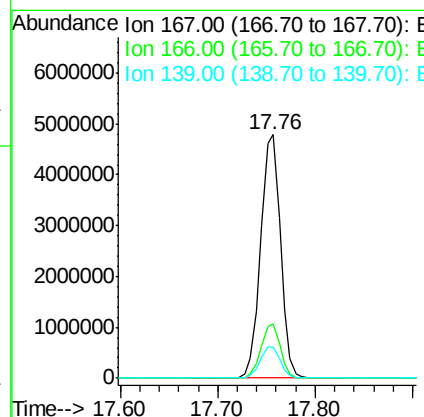
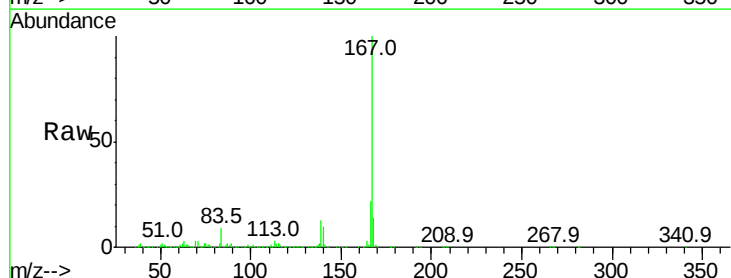
Manual Integrations
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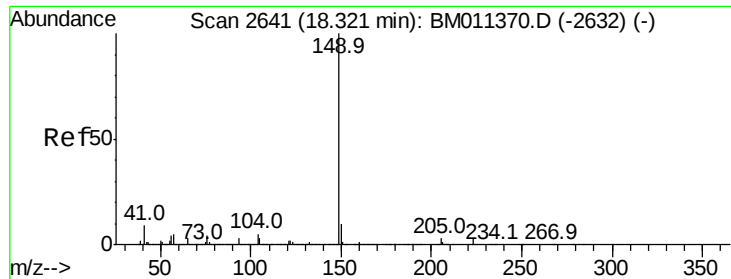
Sohil
 9/6/2017 5:14:18 PM



#72
 Carbazole
 Concen: 48.365 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 49.557 ng

RT: 18.31 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:149 Resp: 8095907

Ion Ratio Lower Upper

149 100

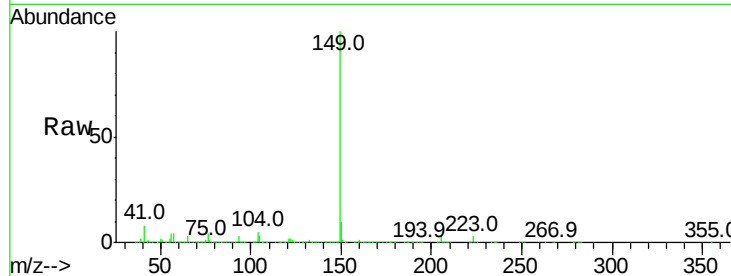
150 9.6 7.5 11.3

104 4.7 3.7 5.5

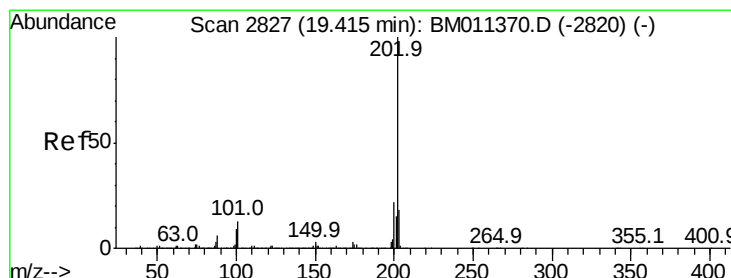
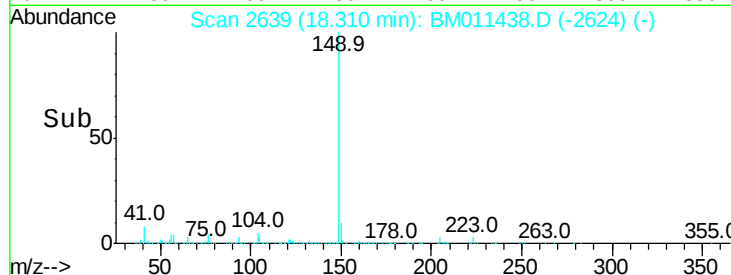
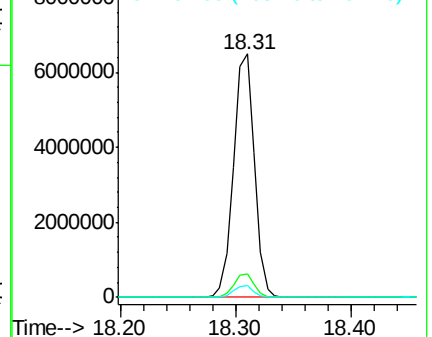
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.607 ng

RT: 19.40 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

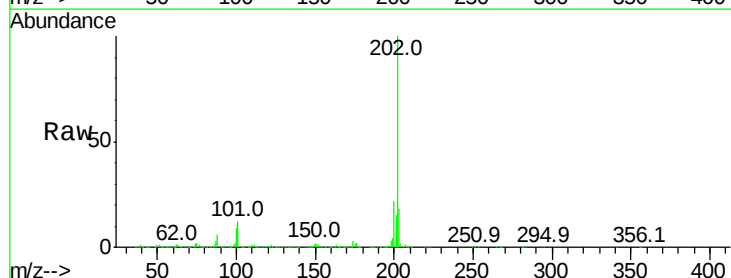
Tgt Ion:202 Resp: 8047957

Ion Ratio Lower Upper

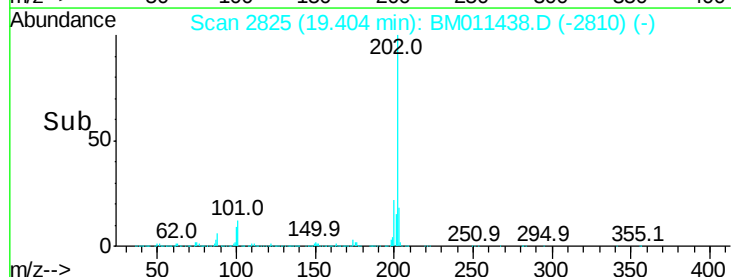
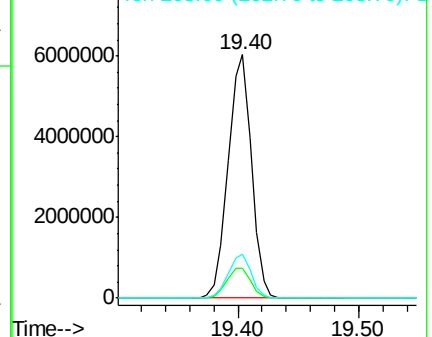
202 100

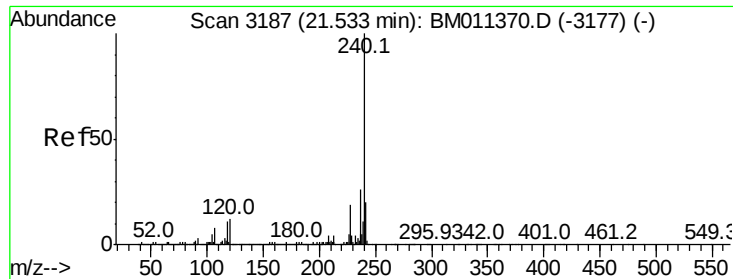
101 12.4 0.0 28.7

203 18.1 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





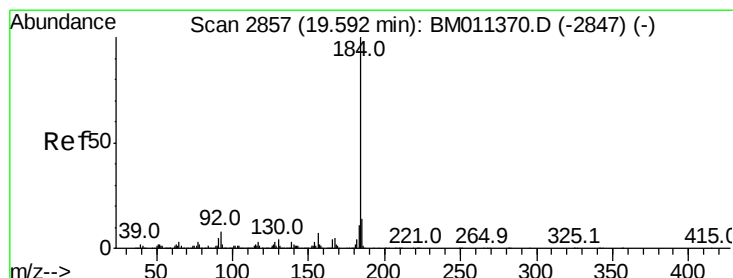
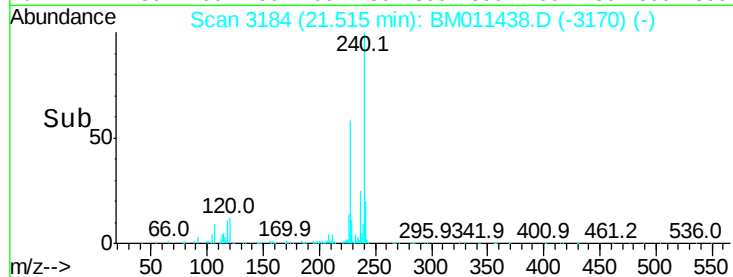
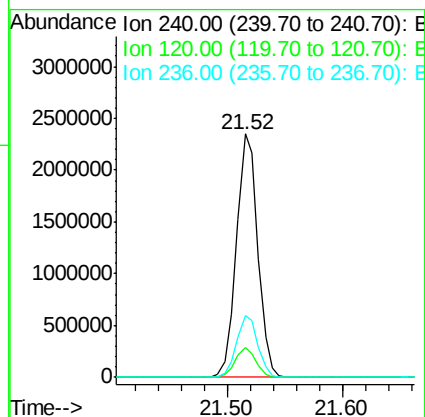
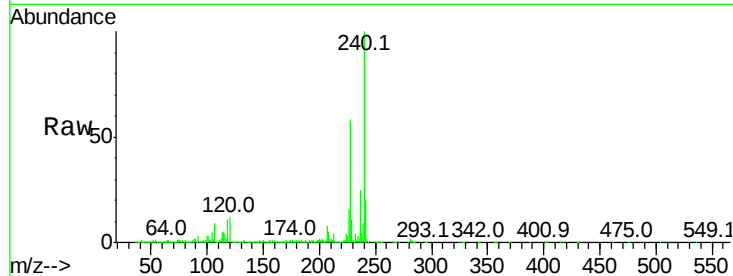
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.2	12.2
236	25.5	20.0	30.0

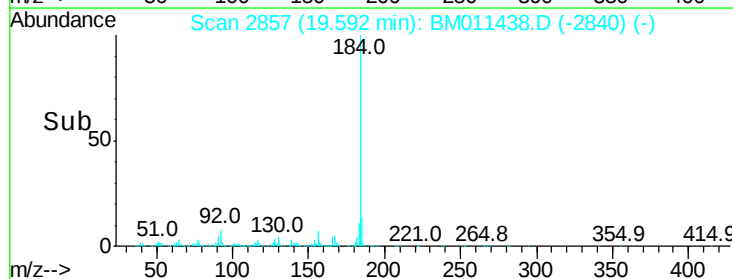
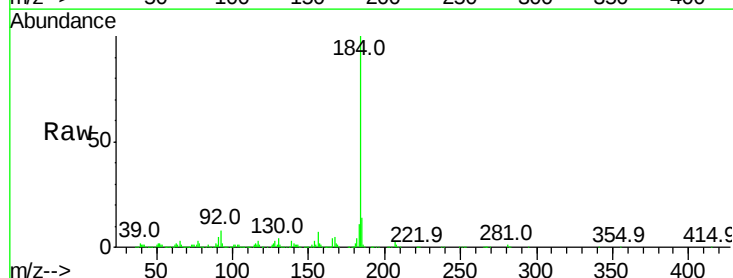
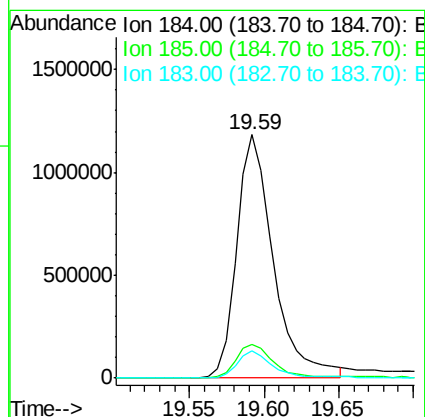
Manual Integrations
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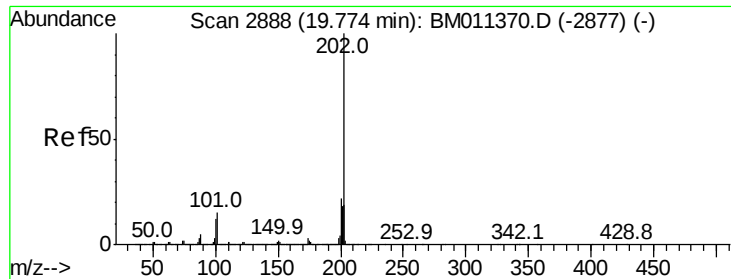
Sohil
9/6/2017 5:14:18 PM



#76
Benzidine
Concen: 34.109 ng
RT: 19.59 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.3	16.9
183	11.2	8.9	13.3





#77

Pvrene

Concen: 46.259 ng

RT: 19.76 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

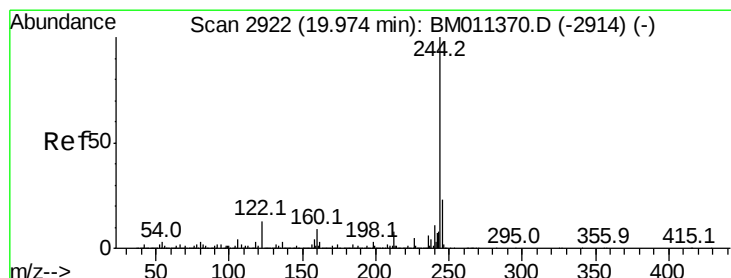
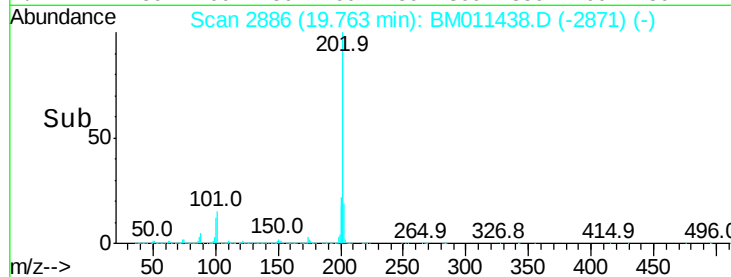
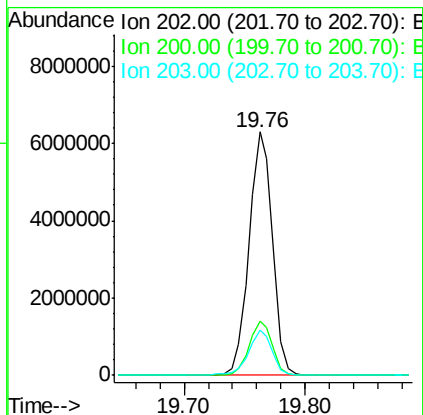
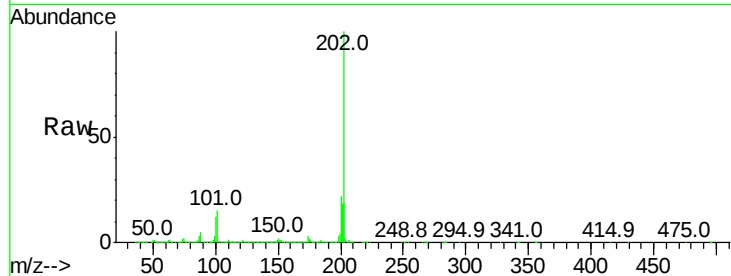
ClientSampleId :

72-11948MSD

Tot Ion:	202	Resp:	8495084
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.6	14.1	21.1

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#78

Terphenyl-d14

Concen: 90.991 ng

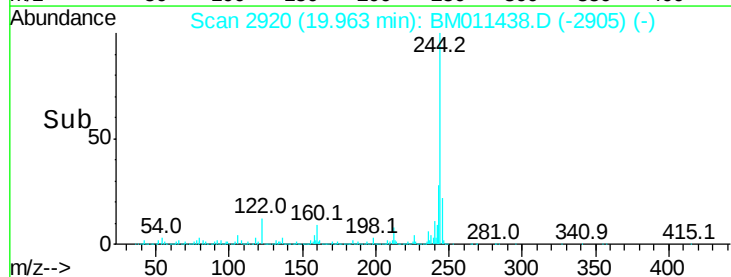
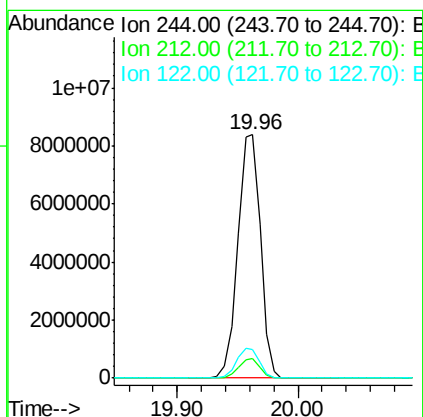
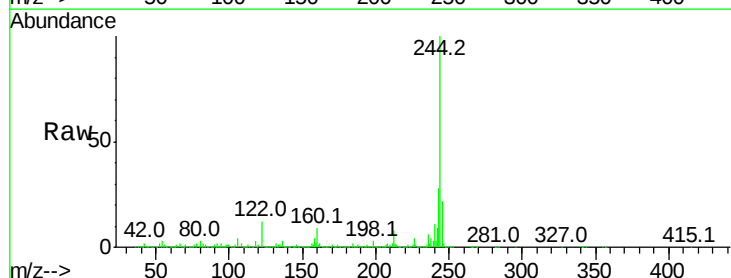
RT: 19.96 min Scan# 2920

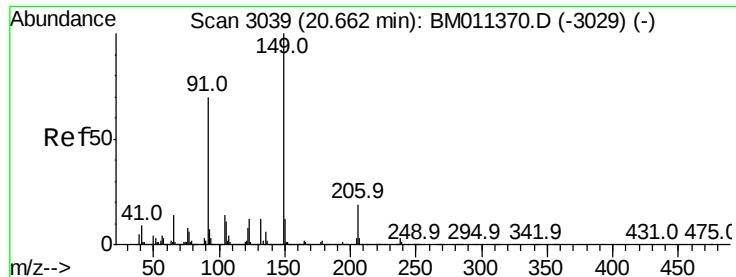
Delta R.T. -0.01 min

Lab File: BM011438.D

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Tgt Ion:	244	Resp:	10990031
Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	11.7	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 47.692 ng

RT: 20.64 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:149 Resp: 3869181

Ion Ratio Lower Upper

149 100

91 71.6 50.1 75.1

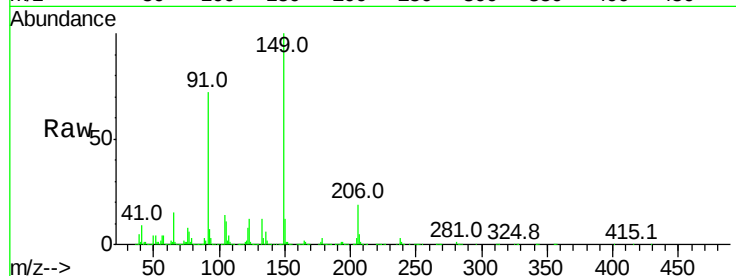
206 18.7 16.2 24.2

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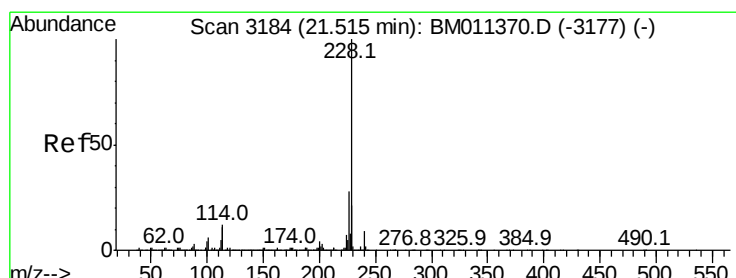
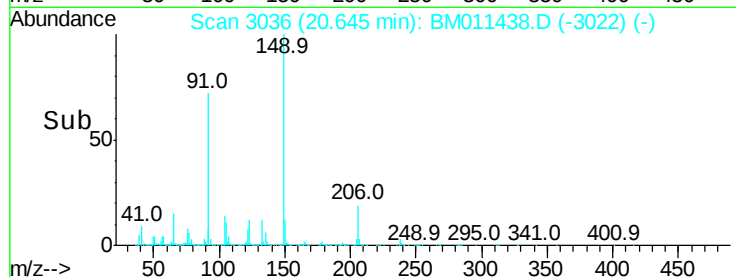
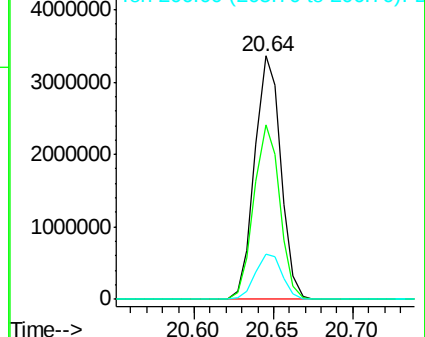
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM011438.D (-3036) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.766 ng

RT: 21.50 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

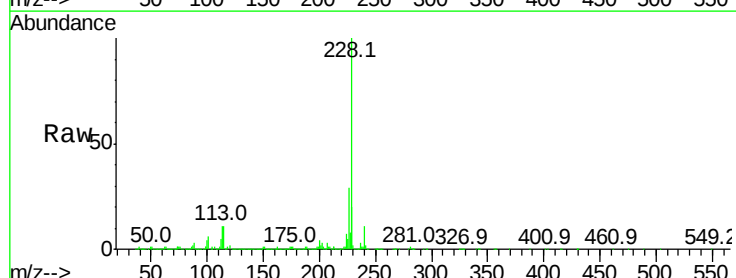
Tgt Ion:228 Resp: 8006292

Ion Ratio Lower Upper

228 100

226 28.7 21.7 32.5

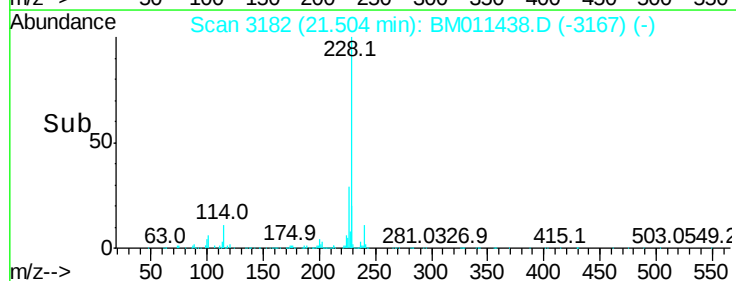
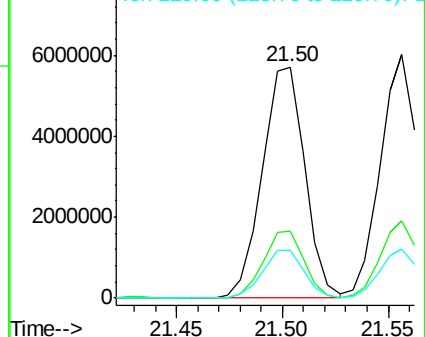
229 20.5 16.0 24.0

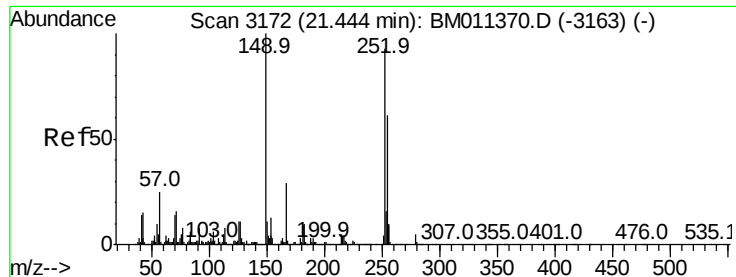


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





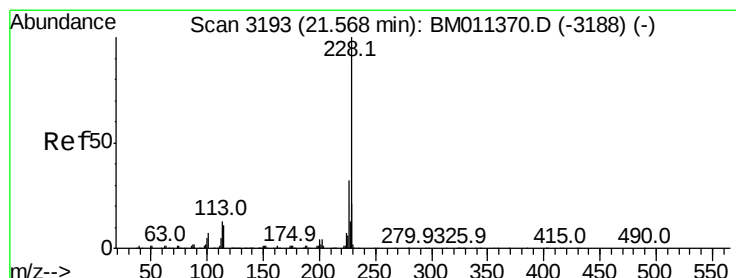
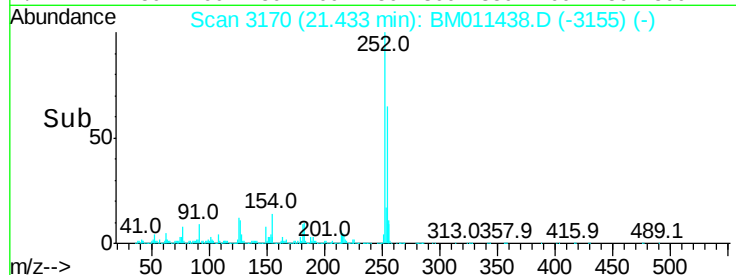
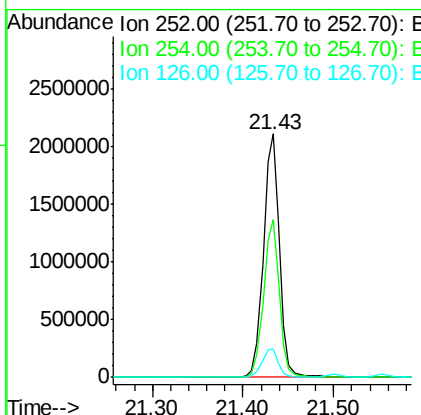
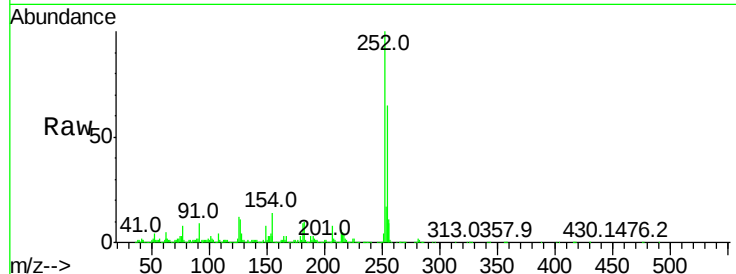
#81
 3,3'-Dichlorobenzidine
 Concen: 40.834 ng
 RT: 21.43 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampled :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	11.8	9.8	14.8

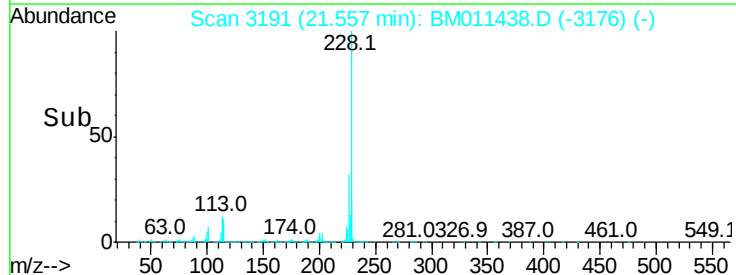
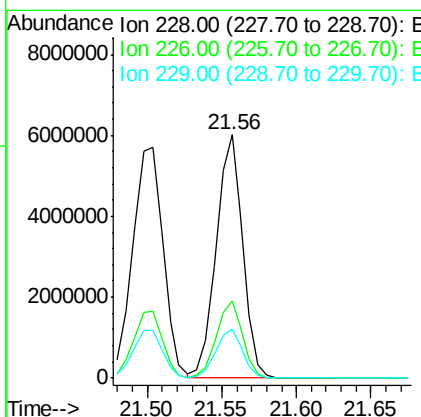
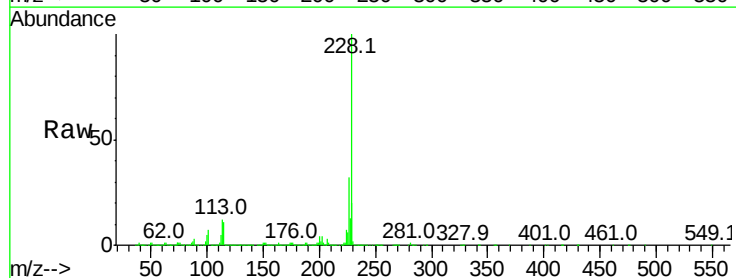
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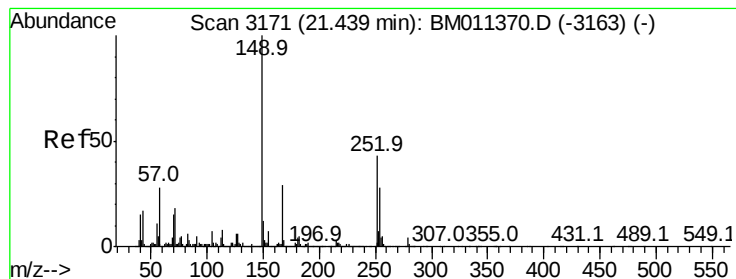
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#82
 Chrysene
 Concen: 47.336 ng
 RT: 21.56 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.1	36.1
229	20.3	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.270 ng

RT: 21.42 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

ClientSampleId :

72-11948MSD

Tot Ion:149 Resp: 5741165

Ion Ratio Lower Upper

149 100

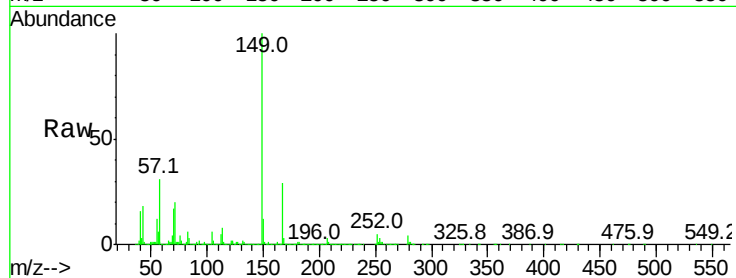
167 28.7 22.4 33.6

279 3.7 3.4 5.0

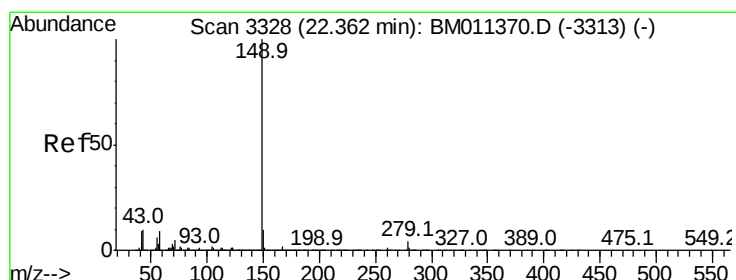
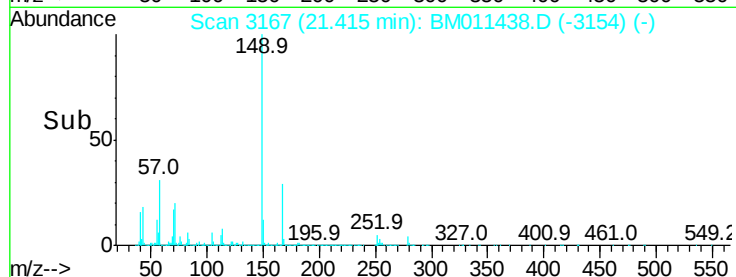
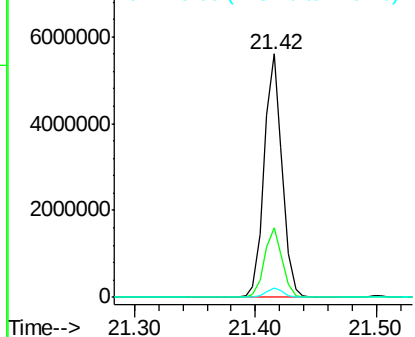
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.506 ng

RT: 22.33 min Scan# 3323

Delta R.T. -0.03 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

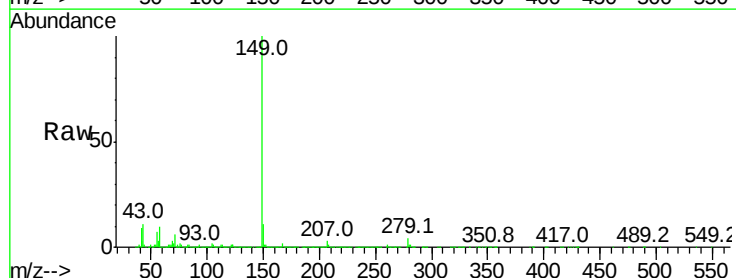
Tgt Ion:149 Resp: 9925966

Ion Ratio Lower Upper

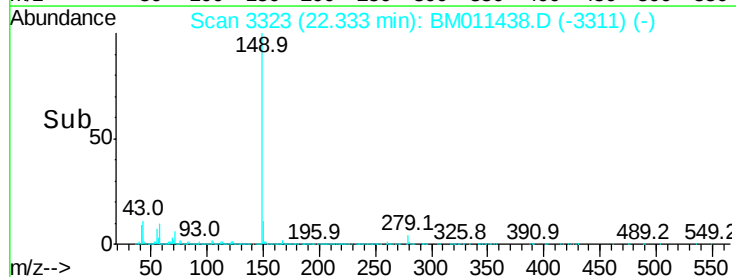
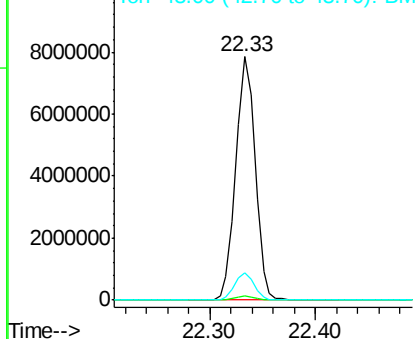
149 100

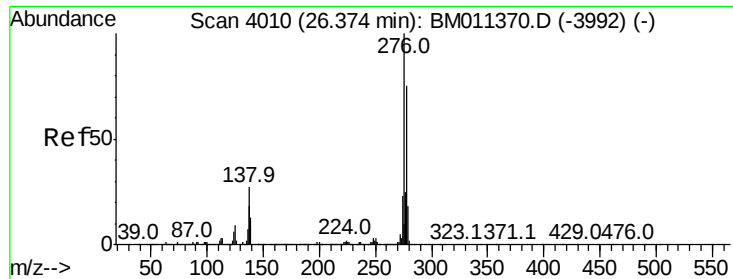
167 1.6 1.2 1.8

43 11.2 7.3 10.9#



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





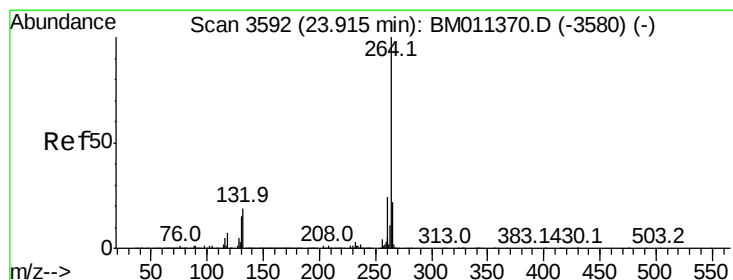
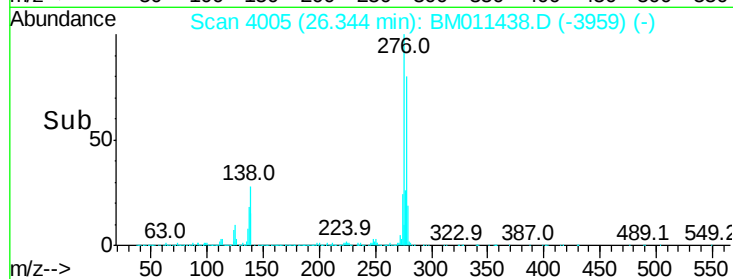
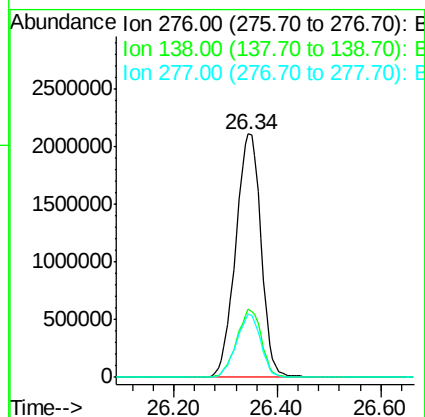
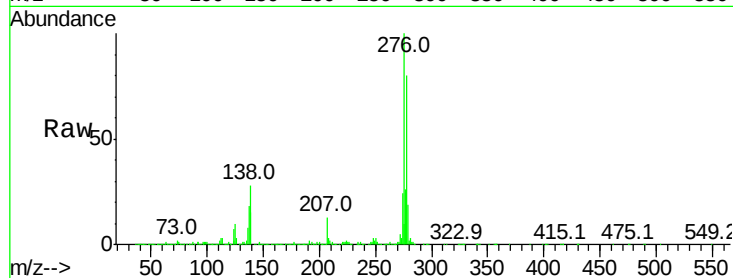
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.784 ng
RT: 26.34 min Scan# 4005
Delta R.T. -0.03 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampled :
72-11948MSD

Tot Ion:276 Resp: 7189225
Ion Ratio Lower Upper
276 100
138 27.5 12.0 18.0#
277 25.1 20.0 30.0

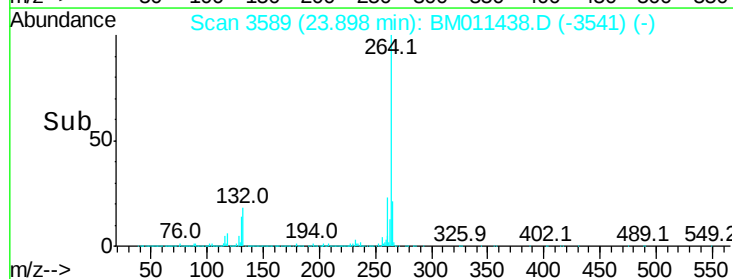
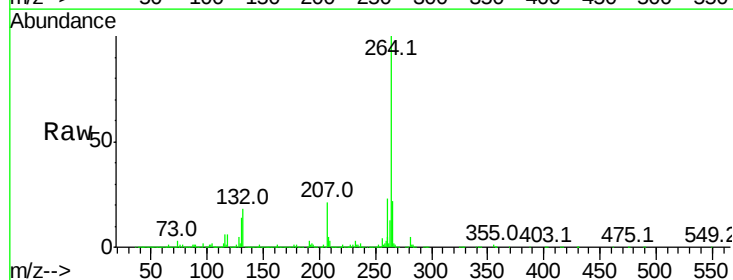
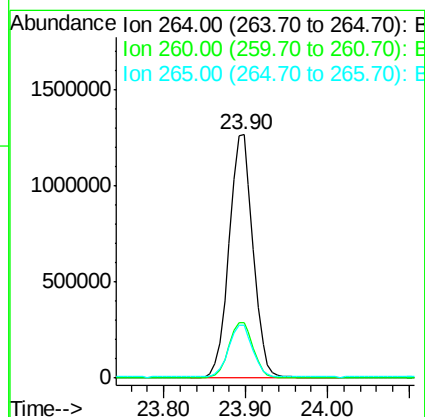
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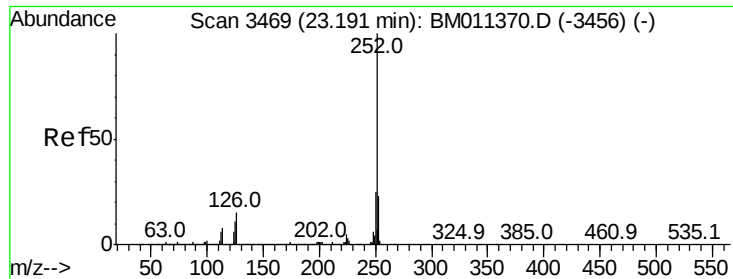
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion:264 Resp: 2597498
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 49.191 ng

RT: 23.17 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA_M

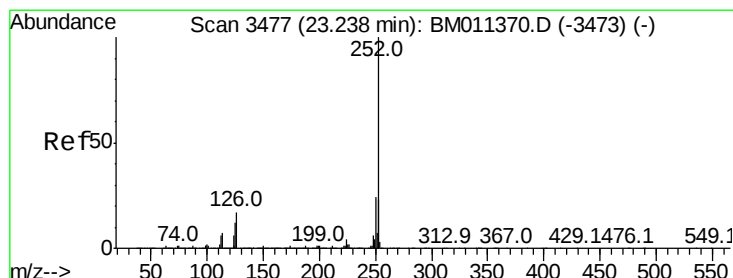
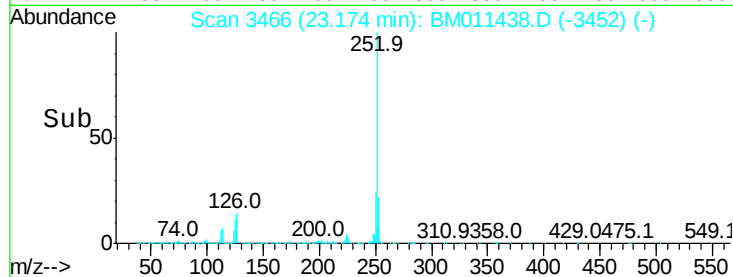
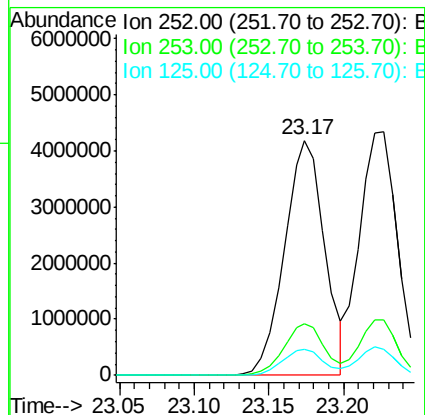
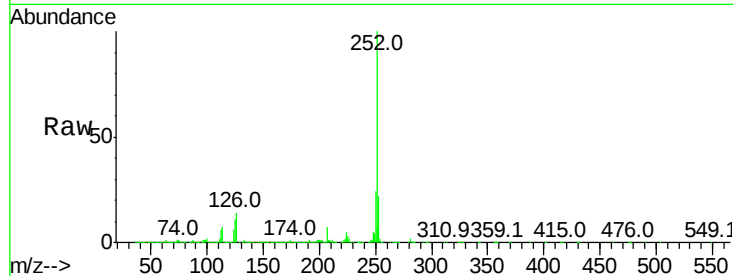
ClientSampleId :

72-11948MSD

Tot Ion:	252	Resp:	7844662
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.530 ng

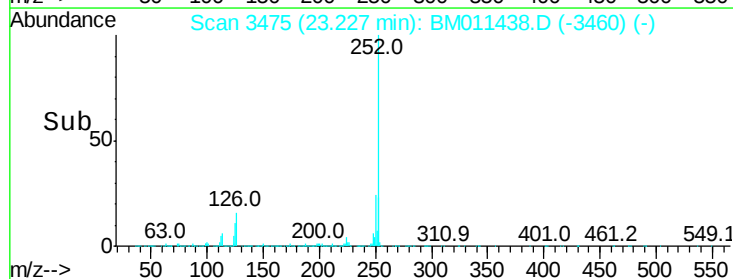
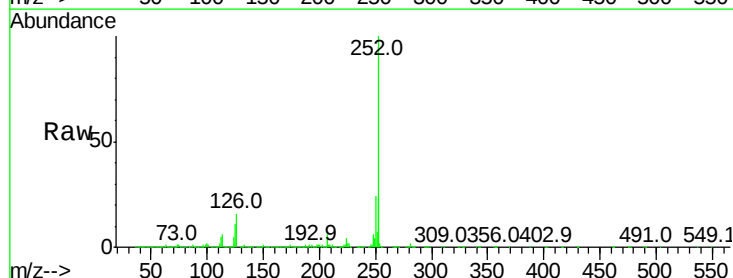
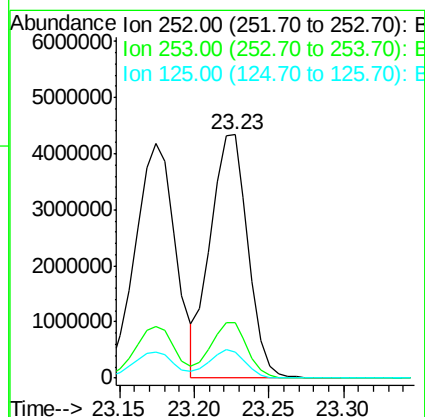
RT: 23.23 min Scan# 3475

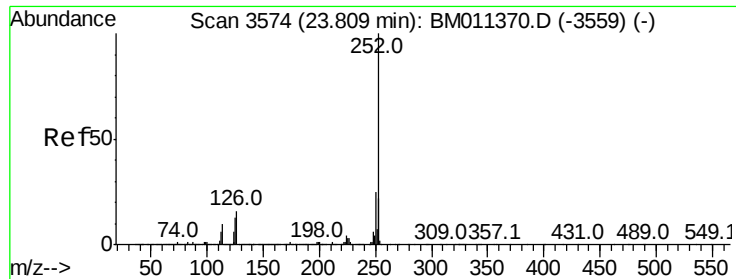
Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:	252	Resp:	7573015
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.9	8.1	12.1





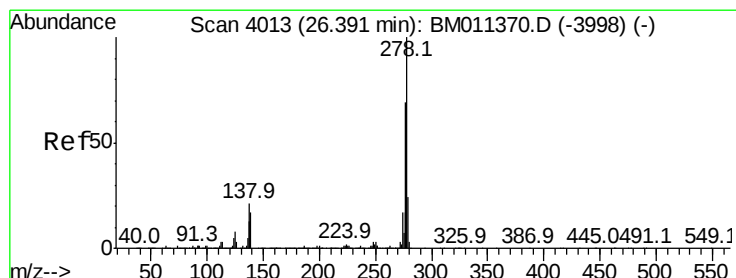
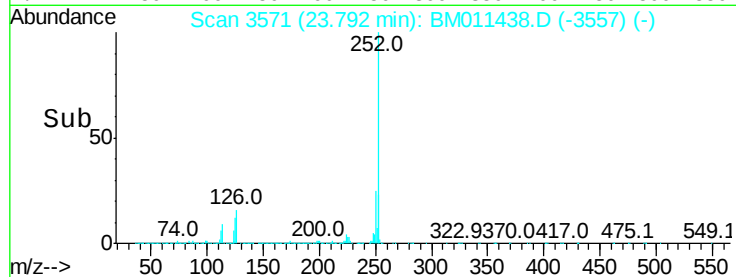
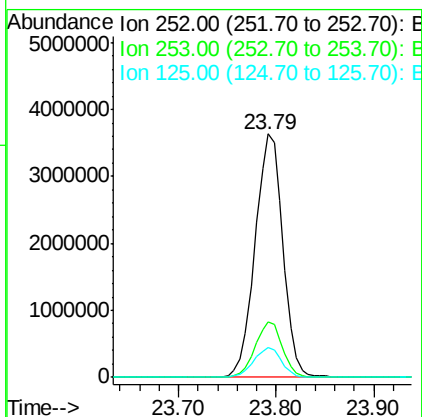
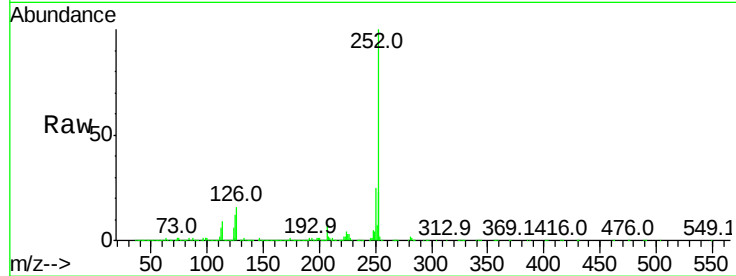
#89
Benzo(a)pyrene
Concen: 50.295 ng
RT: 23.79 min Scan# 3571
Delta R.T. -0.02 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Instrument :
BNA_M
ClientSampleId :
72-11948MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	12.5	7.4	11.2

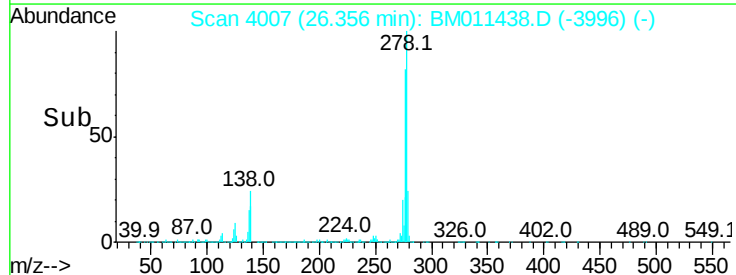
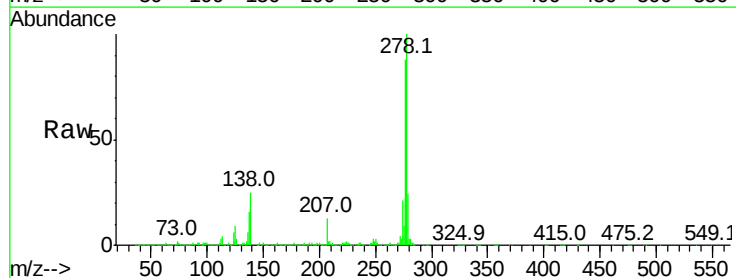
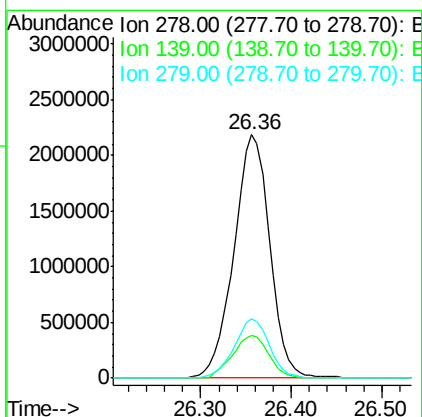
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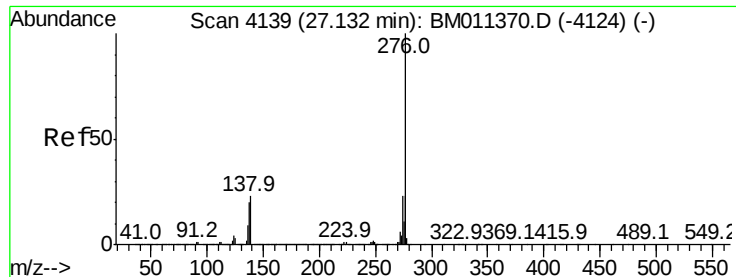
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 48.530 ng
RT: 26.36 min Scan# 4007
Delta R.T. -0.03 min
Lab File: BM011438.D
Acq: 05 Sep 2017 18:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.4	20.0
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.528 ng
 RT: 27.10 min Scan# 4133
 Delta R.T. -0.03 min
 Lab File: BM011438.D
 Acq: 05 Sep 2017 18:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11948MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	23.8	19.0	28.6

Manual Integrations
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