

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
 Data File : BM016081.D
 Acq On : 26 Jul 2018 20:35
 Operator : SJ/JU
 Sample : PB111458BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:05:03 PM

Quant Time: Jul 27 05:55:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	63558	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	273610	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	155102	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	318929	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	238549	20.00	ng	-0.02
86) Perylene-d12	24.04	264	186445	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	621559	162.45	ng	-0.02
7) Phenol-d6	7.37	99	794792	159.06	ng	-0.01
23) Nitrobenzene-d5	9.40	82	558452	94.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	316538	160.91	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1261417	98.95	ng	-0.02
78) Terphenyl-d14	20.14	244	1684445	147.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	59970	33.452	ng	# 100
3) Pyridine	3.94	79	154622	35.803	ng	# 76
4) n-Nitrosodimethylamine	3.85	42	163416	48.514	ng	# 36
6) Aniline	7.53	93	129785	22.558	ng	# 89
8) 2-Chlorophenol	7.77	128	213221	46.888	ng	95
9) Benzaldehyde	7.35	77	134793	38.395	ng	89
10) Phenol	7.40	94	243191	48.673	ng	97
11) bis(2-Chloroethyl)ether	7.63	93	166012	42.058	ng	89
12) 1,3-Dichlorobenzene	8.09	146	214836	40.361	ng	# 85
13) 1,4-Dichlorobenzene	8.24	146	221640	41.056	ng	# 93
14) 1,2-Dichlorobenzene	8.56	146	215210	40.742	ng	# 92
15) Benzyl Alcohol	8.46	79	197219	49.568	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.72	45	251325	41.603	ng	99
17) 2-Methylphenol	8.66	107	170717	49.989	ng	# 82
18) Hexachloroethane	9.28	117	95932	41.110	ng	98
19) n-Nitroso-di-n-propylamine	9.02	70	160973	44.075	ng	# 75
20) 3+4-Methylphenols	8.99	107	219265	44.625	ng	85
22) Acetophenone	9.05	105	302192	43.863	ng	# 83
24) Nitrobenzene	9.44	77	248039	41.889	ng	96
25) Isophorone	9.96	82	429566	53.385	ng	# 94
26) 2-Nitrophenol	10.15	139	111823	45.239	ng	# 50
27) 2,4-Dimethylphenol	10.19	122	192577	55.921	ng	# 81
28) bis(2-Chloroethoxy)methane	10.43	93	249272	47.663	ng	99
29) 2,4-Dichlorophenol	10.68	162	203594	49.752	ng	94
30) 1,2,4-Trichlorobenzene	10.89	180	206423	41.516	ng	# 95
31) Naphthalene	11.08	128	642880	46.425	ng	99
32) Benzoic acid	10.39	122	128986	49.134	ng	# 76
33) 4-Chloroaniline	11.20	127	58808	10.407	ng	# 87
34) Hexachlorobutadiene	11.33	225	142735	41.386	ng	98
35) Caprolactam	12.02	113	56776m	50.093	ng	
36) 4-Chloro-3-methylphenol	12.31	107	227835	50.619	ng	86
37) 2-Methylnaphthalene	12.67	142	486940	52.493	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	231460	43.834	ng	# 100
40) Hexachlorocyclopentadiene	13.00	237	296330	111.036	ng	97

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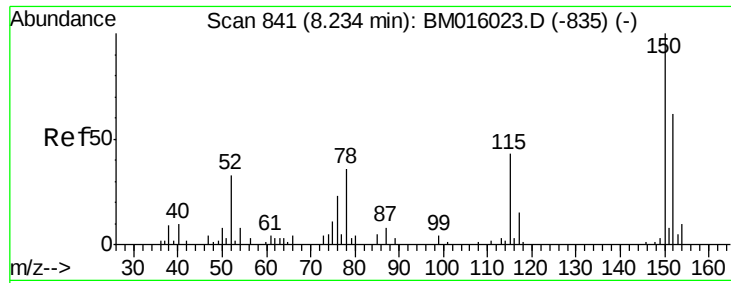
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	158913	48.101	ng	99
43) 2,4,5-Trichlorophenol	13.36	196	167275	49.087	ng #	80
45) 1,1'-Biphenyl	13.67	154	617594	44.122	ng	99
46) 2-Chloronaphthalene	13.72	162	476071	43.728	ng #	89
47) 2-Nitroaniline	13.94	65	167063	46.415	ng #	78
48) Acenaphthylene	14.56	152	785029	49.256	ng	99
49) Dimethylphthalate	14.29	163	627533	46.231	ng	99
50) 2,6-Dinitrotoluene	14.43	165	126724	46.400	ng #	54
51) Acenaphthene	14.90	154	448826	45.789	ng	97
52) 3-Nitroaniline	14.76	138	47359	16.054	ng #	79
53) 2,4-Dinitrophenol	14.97	184	121530	101.823	ng #	68
54) Dibenzofuran	15.23	168	731939	45.314	ng #	82
55) 4-Nitrophenol	15.07	139	189604	89.661	ng #	81
56) 2,4-Dinitrotoluene	15.22	165	180487	46.218	ng	89
57) Fluorene	15.88	166	586951	48.900	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	142647	48.700	ng #	100
59) Diethylphthalate	15.64	149	684098	46.758	ng	94
60) 4-Chlorophenyl-phenylether	15.86	204	289898	43.385	ng #	83
61) 4-Nitroaniline	15.92	138	104658	36.978	ng #	7
62) Azobenzene	16.16	77	723528	46.957	ng	77
64) 4,6-Dinitro-2-methylphenol	15.98	198	86992	44.938	ng	85
65) n-Nitrosodiphenylamine	16.08	169	489081	46.571	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	169562	46.952	ng #	77
67) Hexachlorobenzene	16.87	284	179783	45.206	ng #	62
68) Atrazine	17.02	200	170955	45.420	ng	98
69) Pentachlorophenol	17.22	266	189736	77.045	ng	97
70) Phenanthrene	17.61	178	852978	47.771	ng	98
71) Anthracene	17.70	178	874953	50.419	ng	99
72) Carbazole	17.97	167	733743	40.813	ng	96
73) Di-n-butylphthalate	18.49	149	1078697	48.151	ng #	96
74) Fluoranthene	19.59	202	880408	44.203	ng	99
76) Benzidine	19.77	184	276537	41.484	ng	98
77) Pyrene	19.95	202	863224	60.384	ng	99
79) Butylbenzylphthalate	20.81	149	419716	57.795	ng #	80
80) Benzo(a)anthracene	21.67	228	706744	48.103	ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	111188	18.788	ng	99
82) Chrysene	21.72	228	655219	46.490	ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	567479	53.918	ng	93
84) Di-n-octyl phthalate	22.46	149	819873	46.350	ng #	89
85) Indeno(1,2,3-cd)pyrene	26.46	276	629402	37.633	ng #	93
87) Benzo(b)fluoranthene	23.33	252	570010	51.926	ng #	96
88) Benzo(k)fluoranthene	23.37	252	558245m	50.179	ng	
89) Benzo(a)pyrene	23.94	252	536027	50.794	ng	99
90) Dibenzo(a,h)anthracene	26.46	278	542629	49.629	ng #	95
91) Benzo(g,h,i)perylene	27.21	276	515698	49.869	ng #	93

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



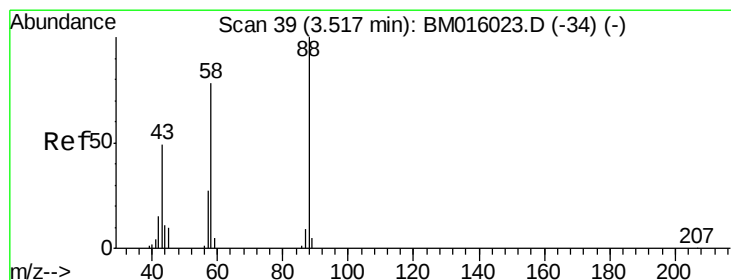
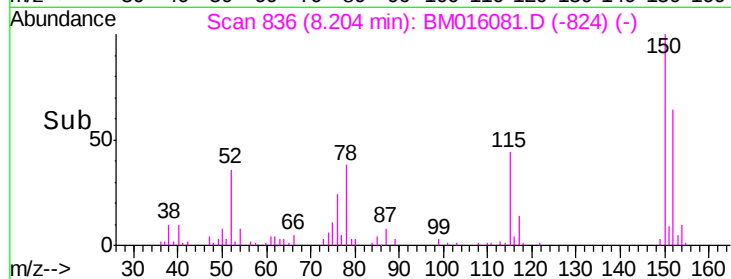
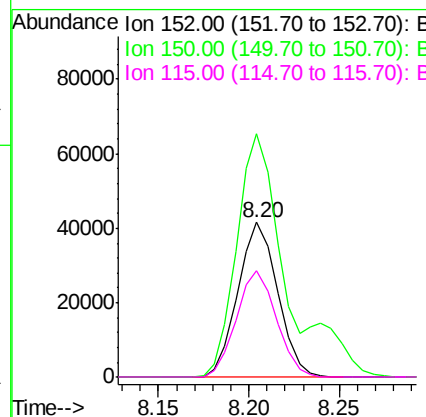
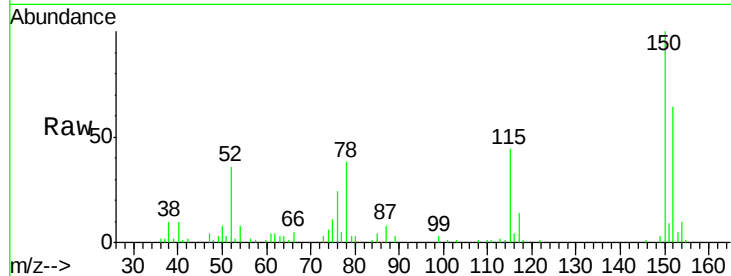
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.03 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleID :
 PB111458BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.5	179.3
115	68.9	43.0	64.4

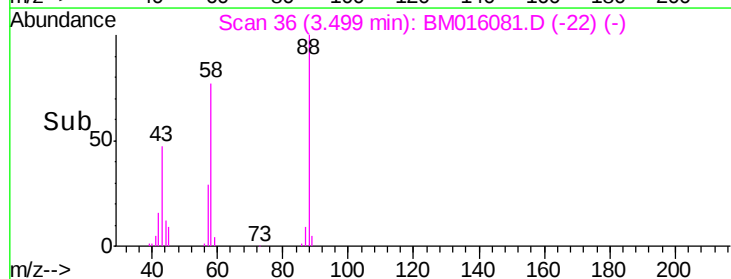
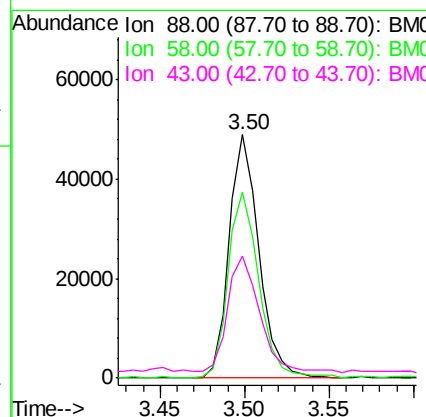
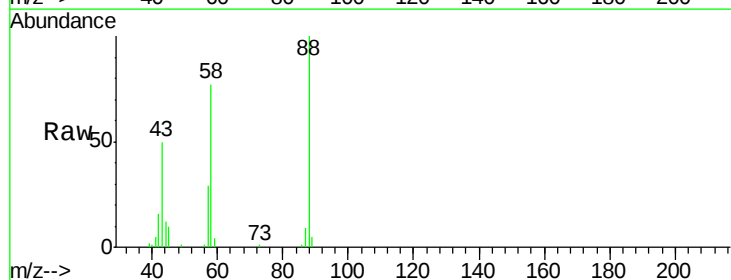
Manual Integrations
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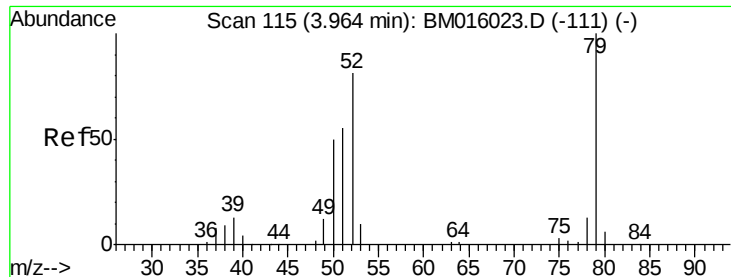
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#2
 1,4-Dioxane
 Concen: 33.452 ng
 RT: 3.50 min Scan# 36
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	0.0	0.0
43	50.8	0.0	0.0





#3

Pyridine

Concen: 35.803 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

ClientSampleId :

PB111458BS

Tgt Ion: 79 Resp: 154622

Ion Ratio Lower Upper

79 100

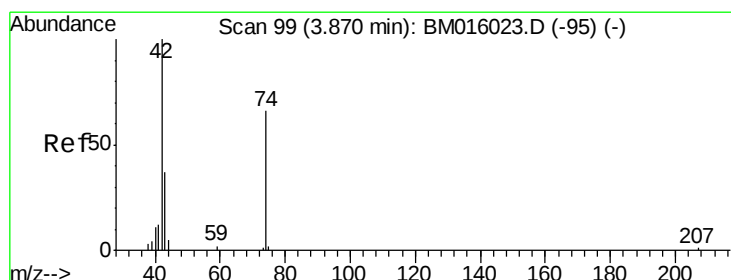
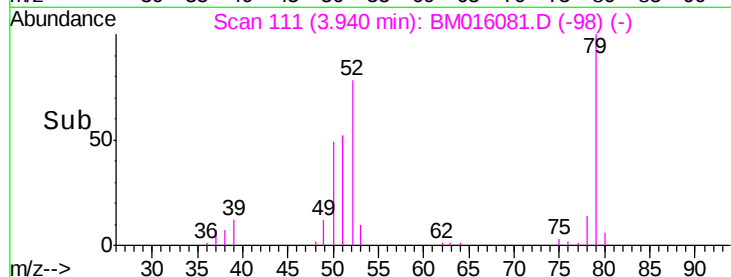
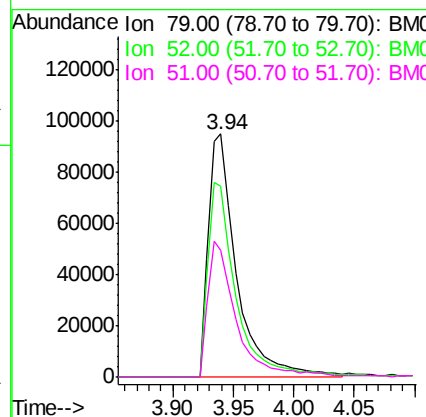
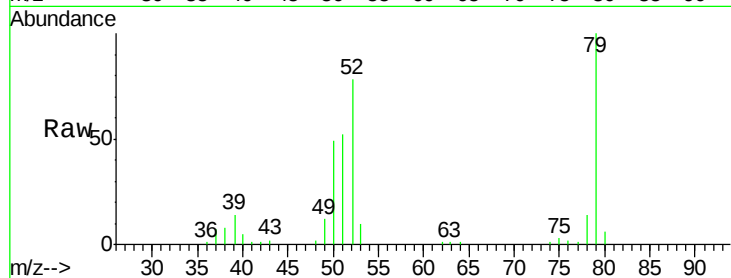
52 78.4 51.1 76.7#

51 52.1 26.1 39.1#

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#4

n-Nitrosodimethylamine

Concen: 48.514 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

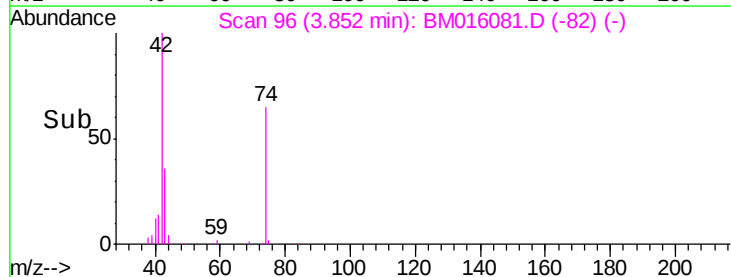
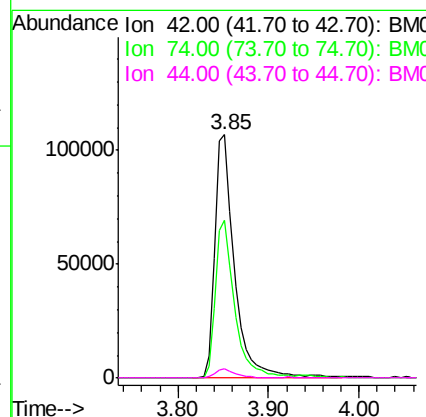
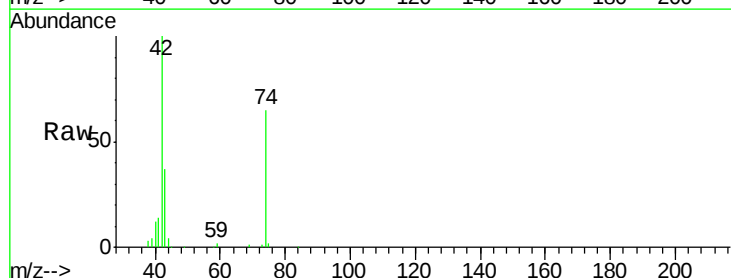
Tgt Ion: 42 Resp: 163416

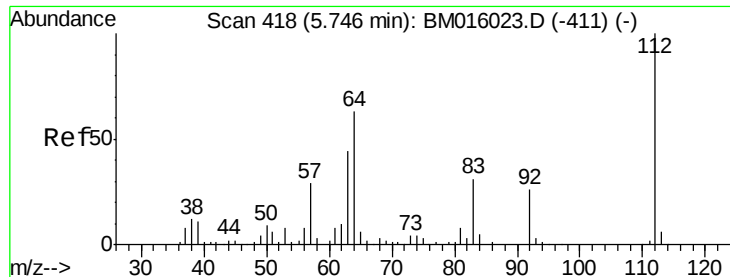
Ion Ratio Lower Upper

42 100

74 64.7 119.3 178.9#

44 3.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 48.514 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

ClientSampled :

PB111458BS

Tgt Ion: 112 Resp: 621559
Ion Ratio Lower Upper

112 100

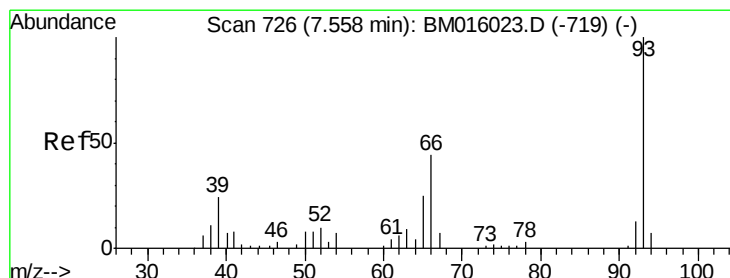
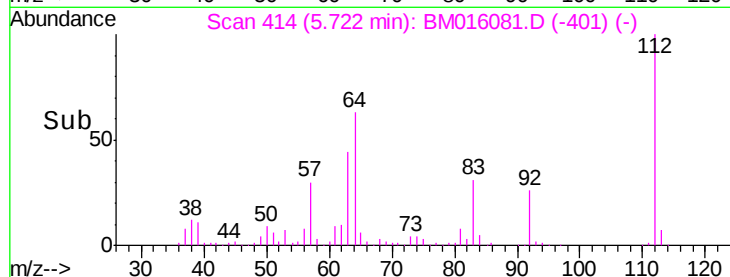
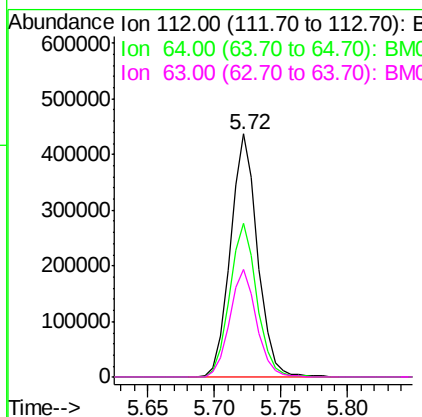
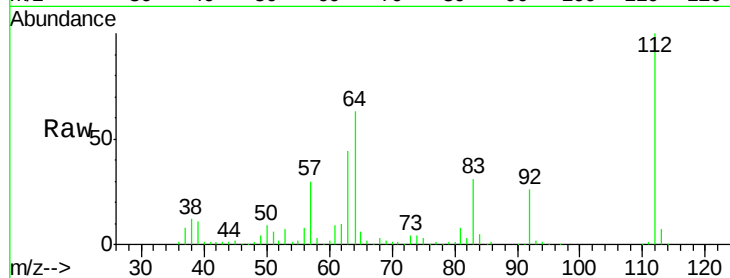
64 63.3 38.6 57.8#

63 44.2 19.3 28.9#

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#6

Aniline

Concen: 22.558 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.02 min

Lab File: BM016081.D

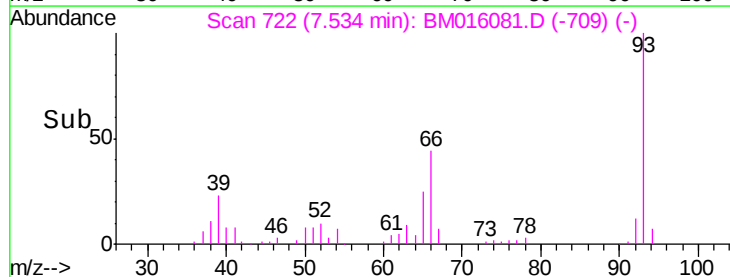
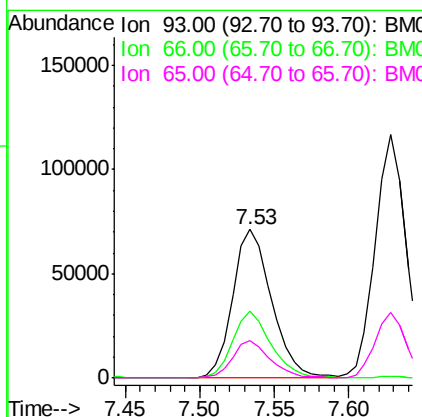
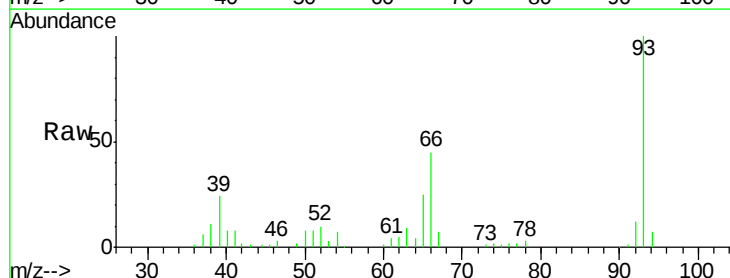
Acq: 26 Jul 2018 20:35

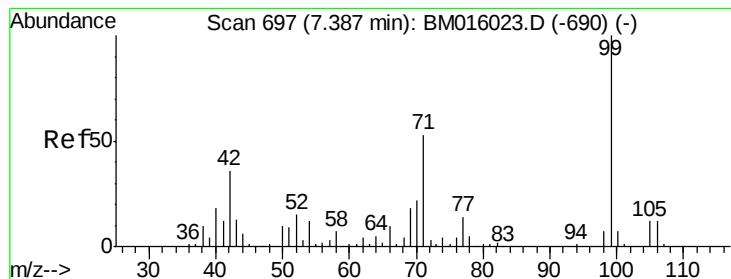
Tgt Ion: 93 Resp: 129785
Ion Ratio Lower Upper

93 100

66 45.0 30.8 46.2

65 25.4 16.0 24.0#





#7

Phenol-d6

Concen: 22.558 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

ClientSampleId :

PB111458BS

Tgt Ion: 99 Resp: 794792

Ion Ratio Lower Upper

99 100

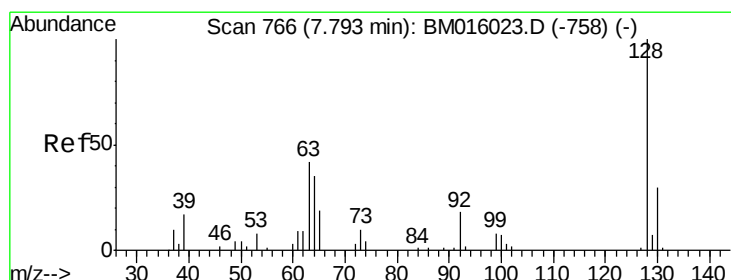
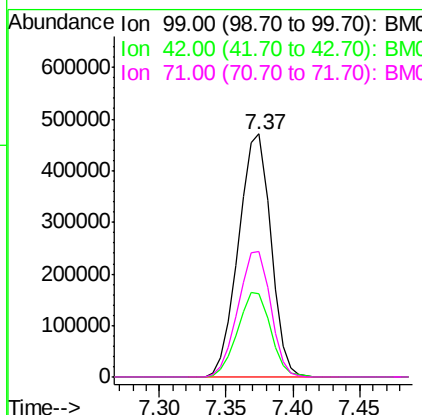
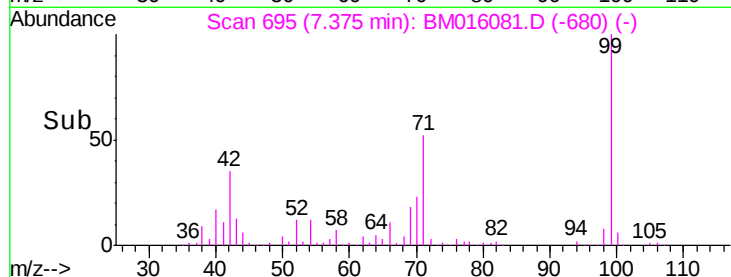
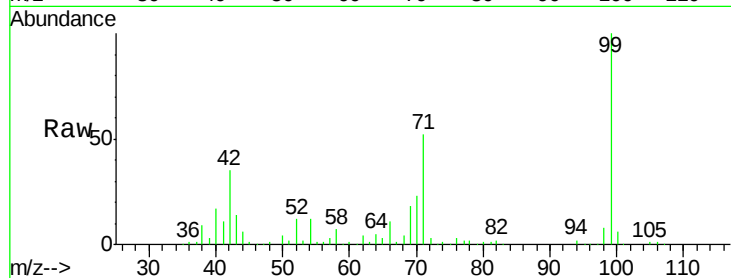
42 34.6 11.0 16.4#

71 51.7 23.4 35.2#

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#8

2-Chlorophenol

Concen: 46.888 ng

RT: 7.77 min Scan# 762

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

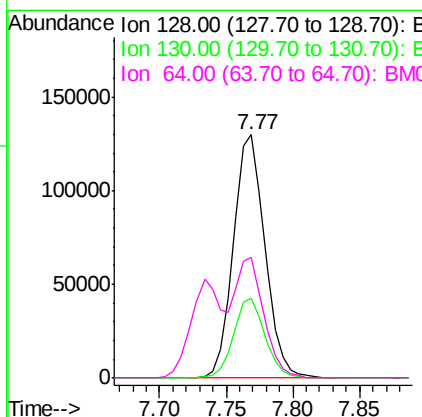
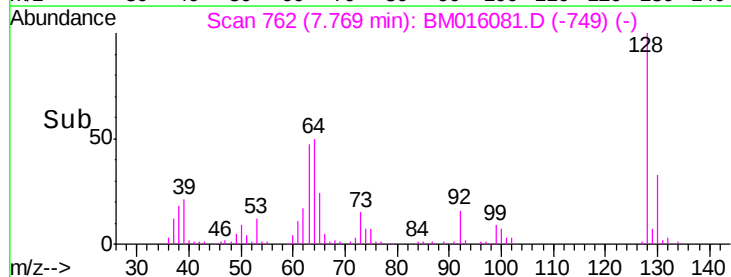
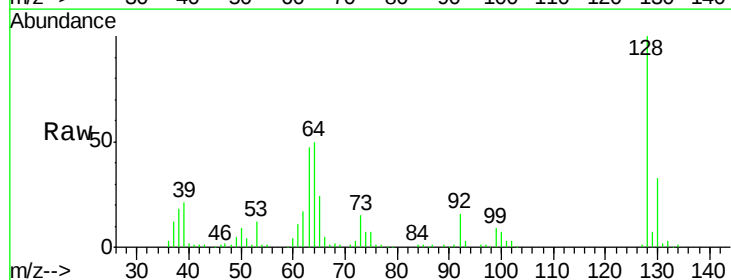
Tgt Ion: 128 Resp: 213221

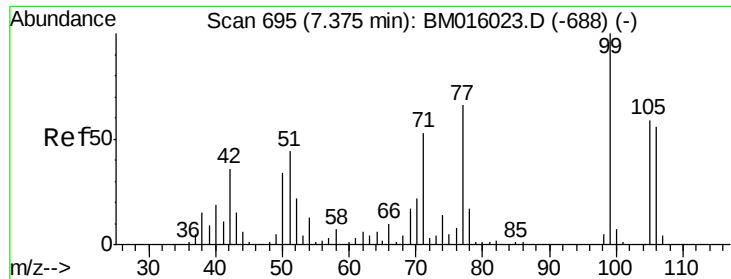
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 49.7 24.9 64.9





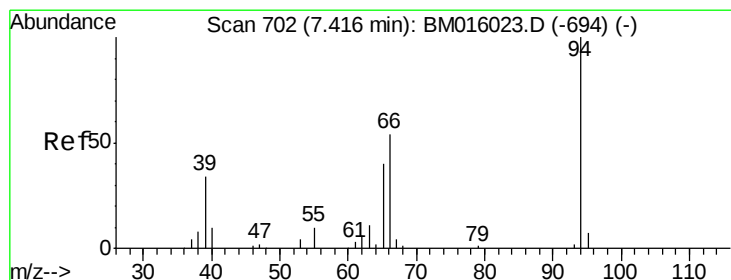
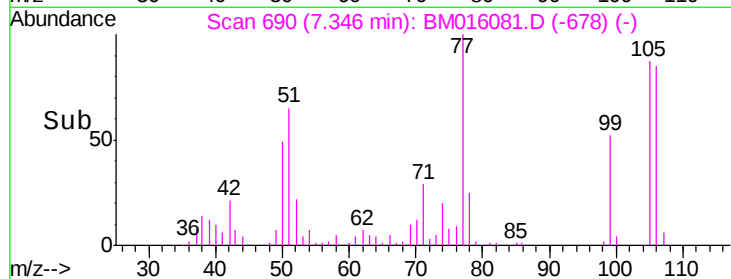
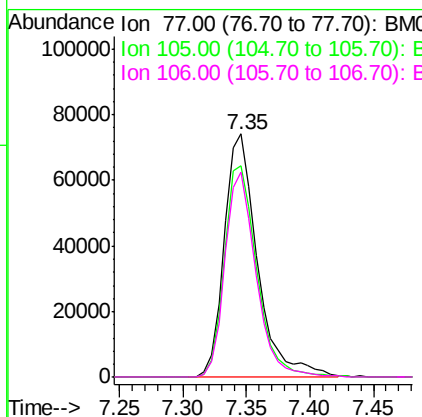
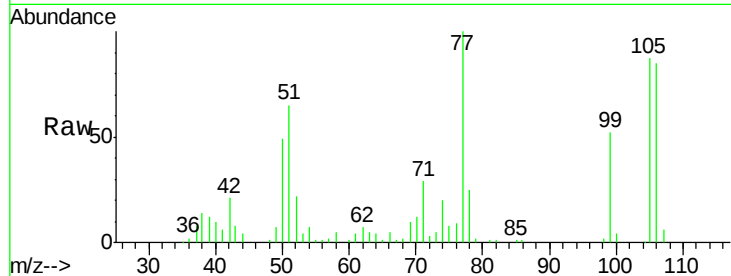
#9
Benzaldehyde
Concen: 38.395 ng
RT: 7.35 min Scan# 690
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampled :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.9	78.8	118.8
106	84.5	73.7	113.7

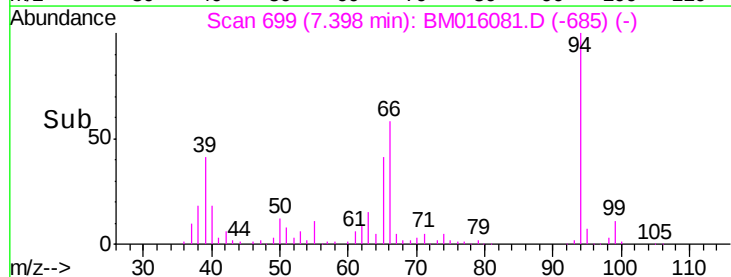
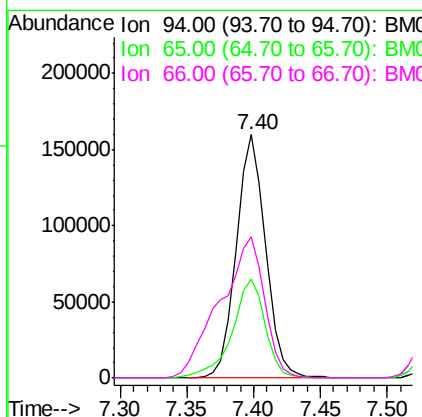
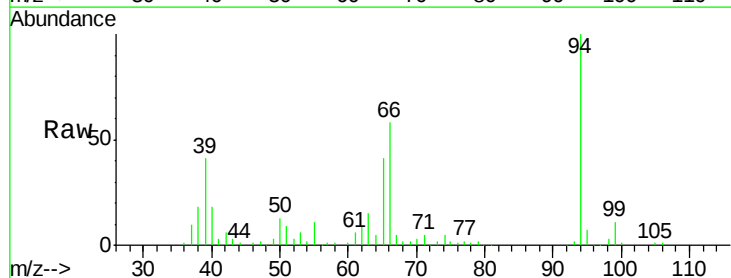
Manual Integrations
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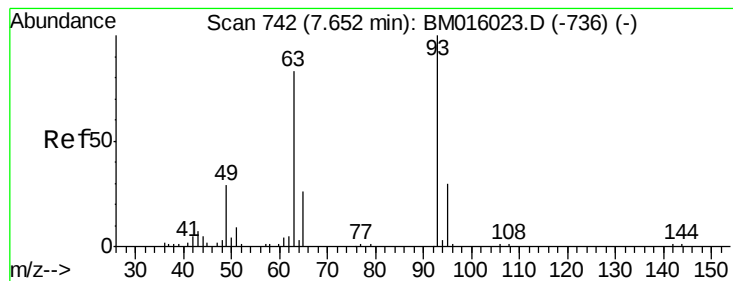
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#10
Phenol
Concen: 48.673 ng
RT: 7.40 min Scan# 699
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.9	18.8	58.8
66	58.0	39.9	79.9





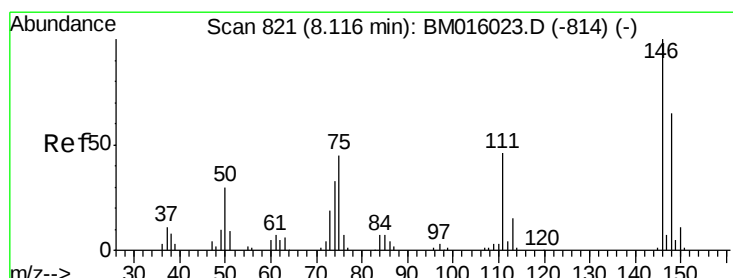
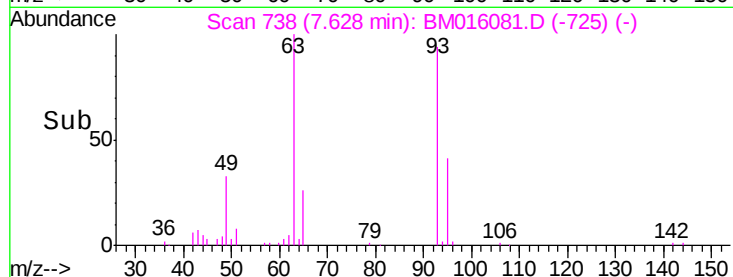
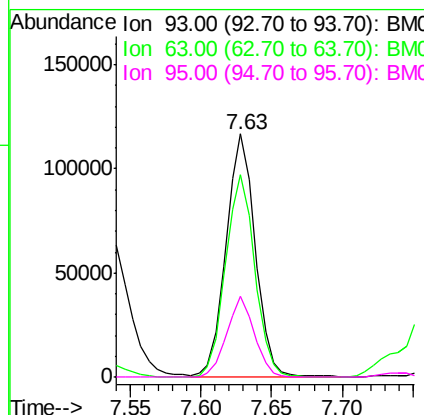
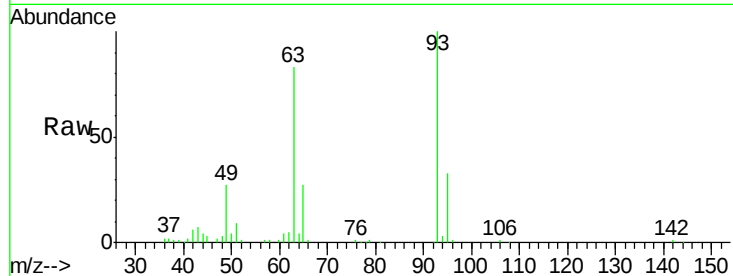
#11
bis(2-Chloroethyl)ether
Concen: 42.058 ng
RT: 7.63 min Scan# 738
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	83.2	49.5	89.5
95	33.5	13.5	53.5

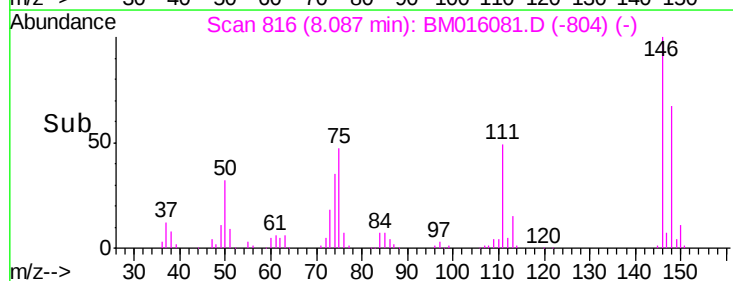
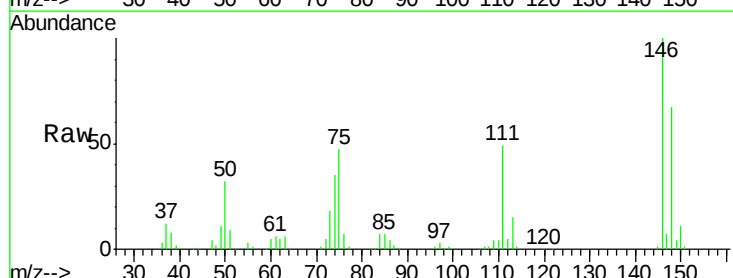
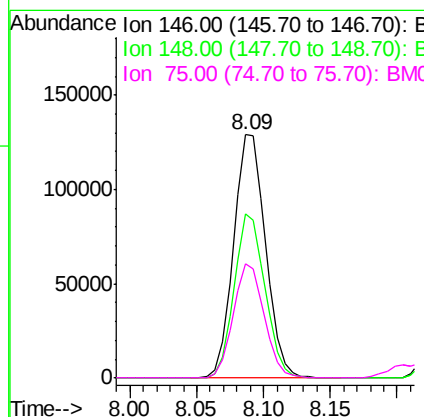
Manual Integrations
APPROVED

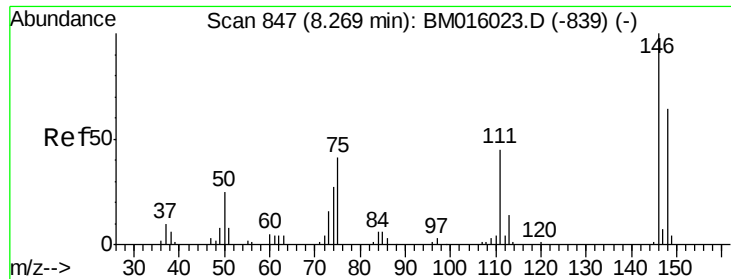
Sohil
7/27/2018 2:05:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.361 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	67.2	50.9	76.3
75	47.1	21.4	32.2





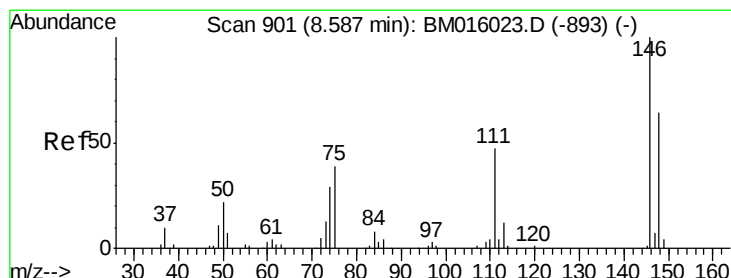
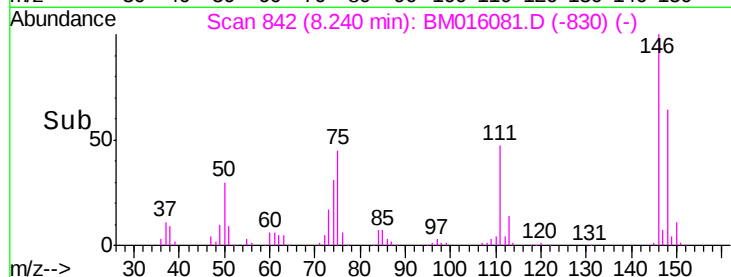
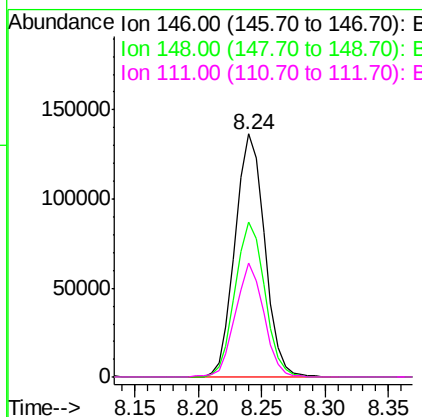
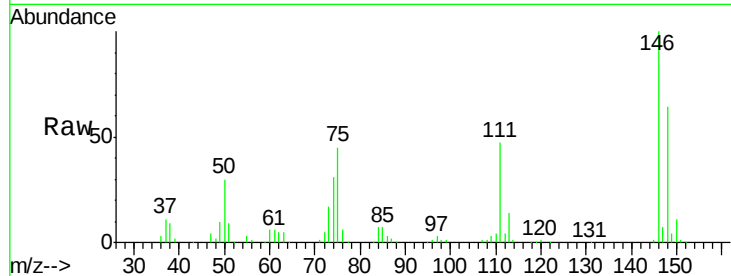
#13
 1,4-Dichlorobenzene
 Concen: 41.056 ng
 RT: 8.24 min Scan# 842
 Delta R.T. -0.03 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	47.1	29.2	43.8

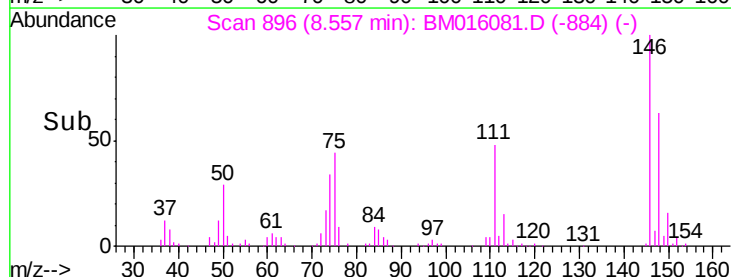
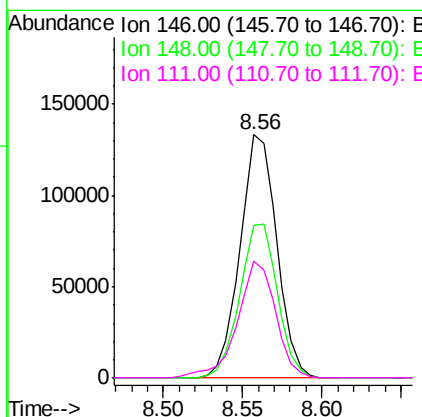
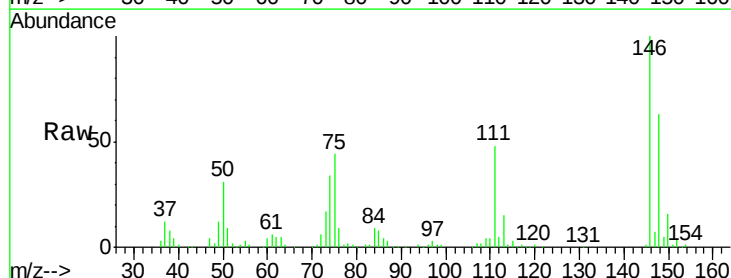
Manual Integrations
 APPROVED

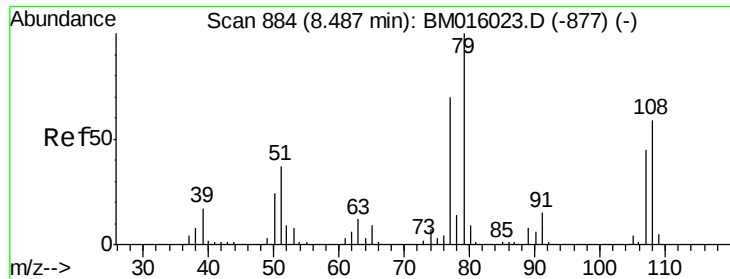
Sohil
 7/27/2018 2:05:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.742 ng
 RT: 8.56 min Scan# 896
 Delta R.T. -0.03 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.3	78.5
111	48.0	30.6	45.8





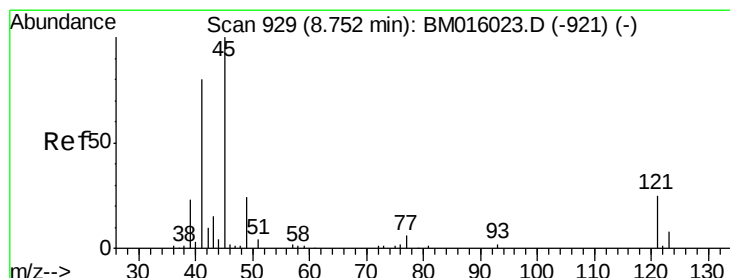
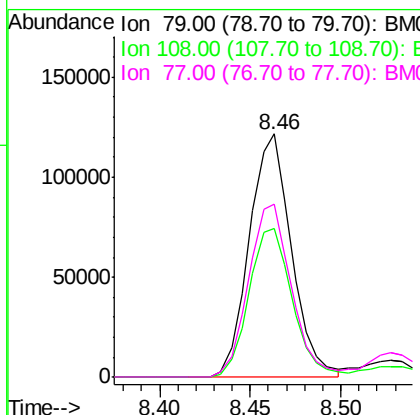
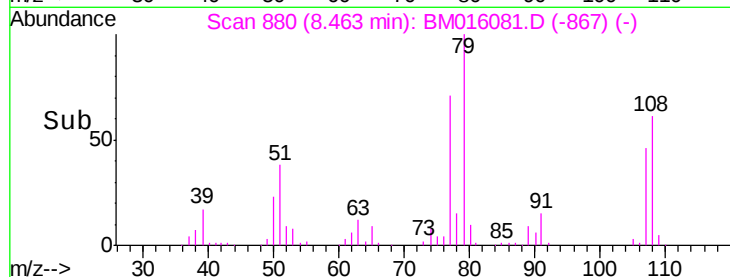
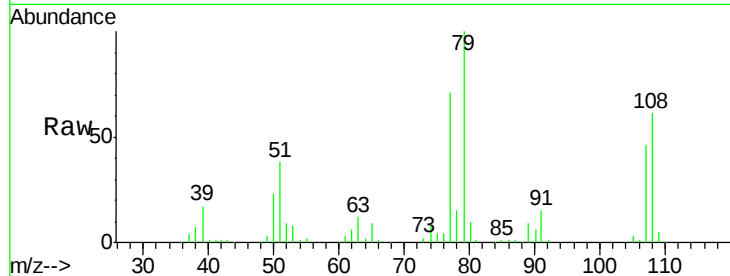
#15
Benzyl Alcohol
Concen: 49.568 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	61.3	65.0	97.4#
77	71.0	53.0	79.6

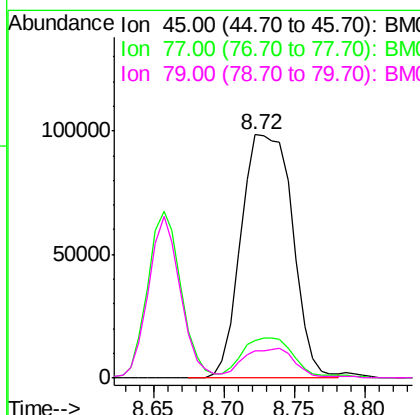
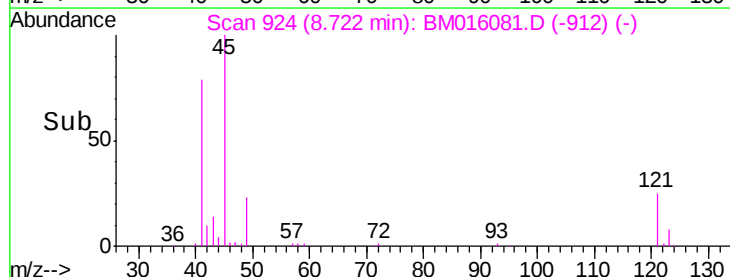
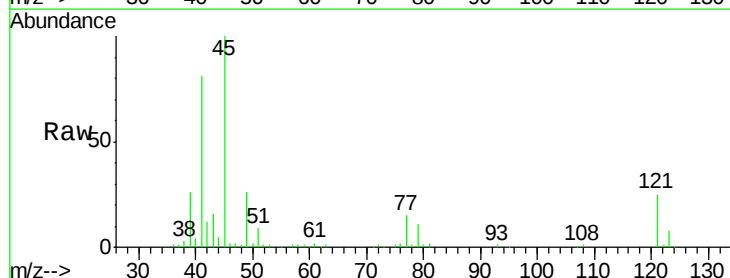
Manual Integrations
APPROVED

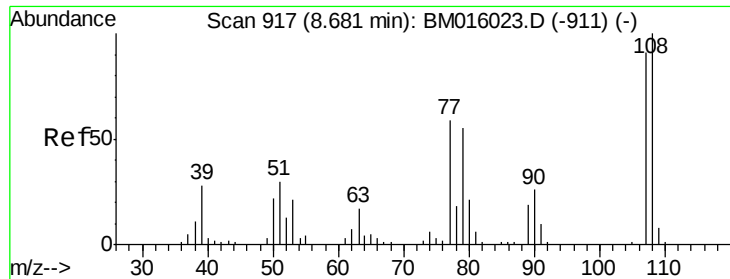
Sohil
7/27/2018 2:05:03 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.603 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	35.2
79	11.3	0.0	32.0





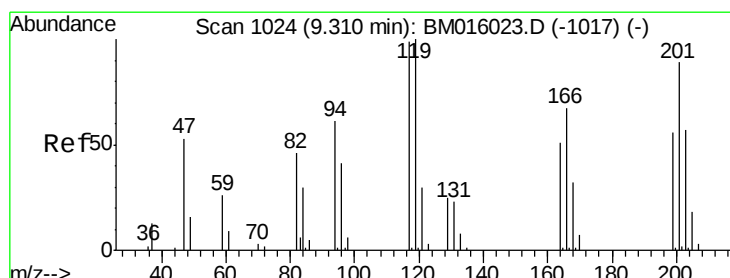
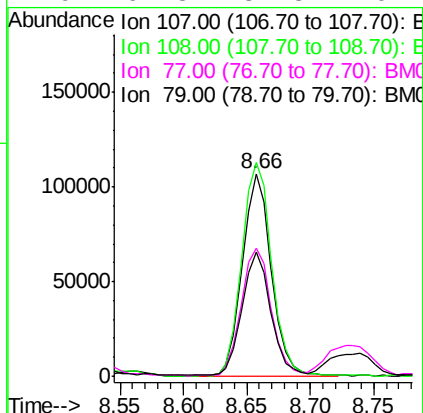
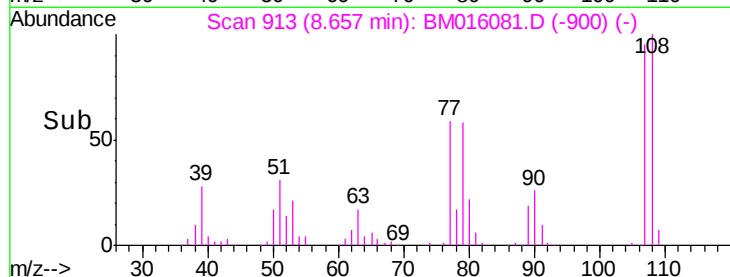
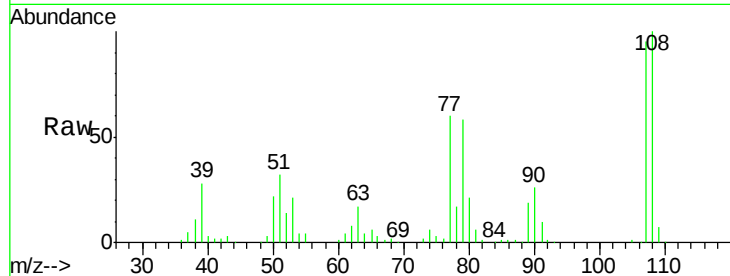
#17
2-Methylphenol
Concen: 49.989 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	170717		
108	105.4	89.8	134.8	
77	62.9	32.6	48.8	
79	61.3	32.8	49.2	

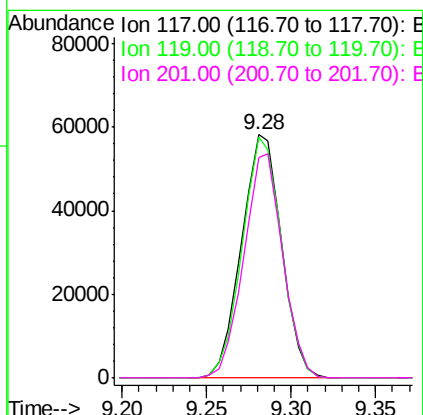
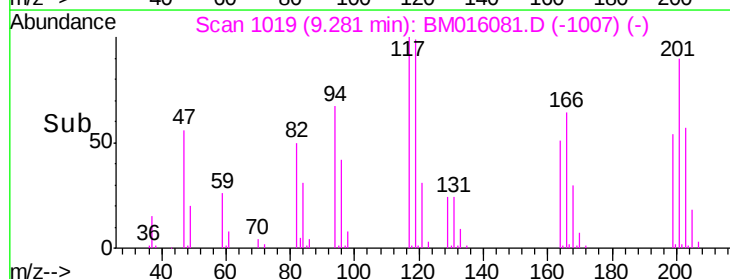
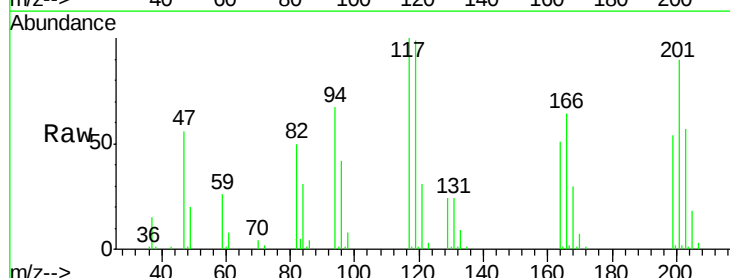
Manual Integrations
APPROVED

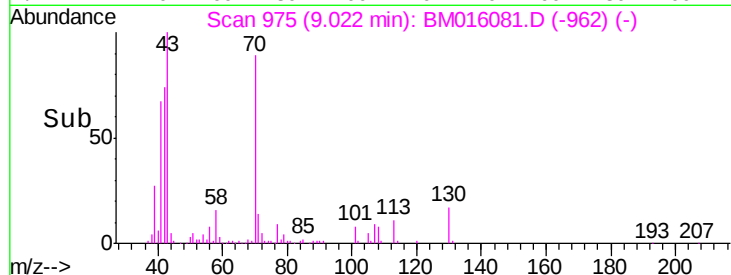
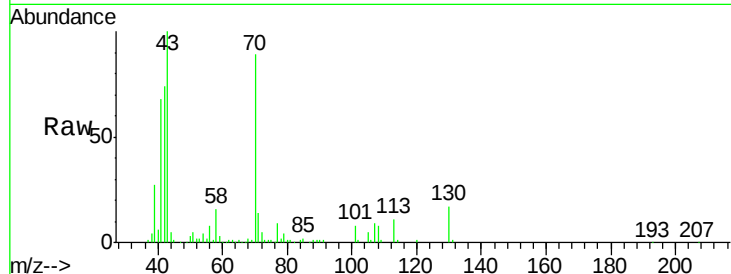
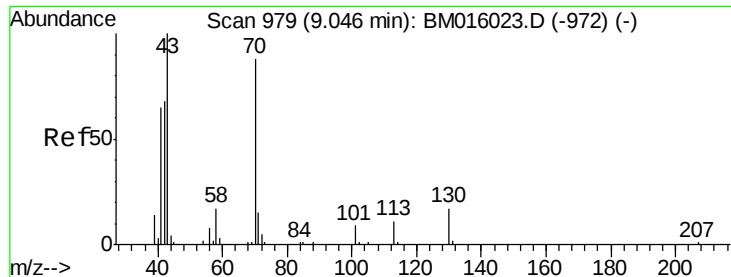
Sohil
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#18
Hexachloroethane
Concen: 41.110 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95932		
119	99.2	79.2	118.8	
201	90.4	69.8	104.6	





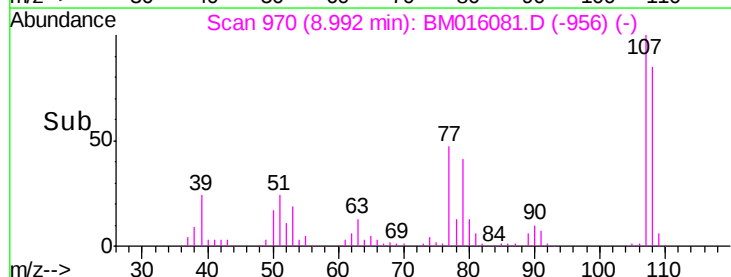
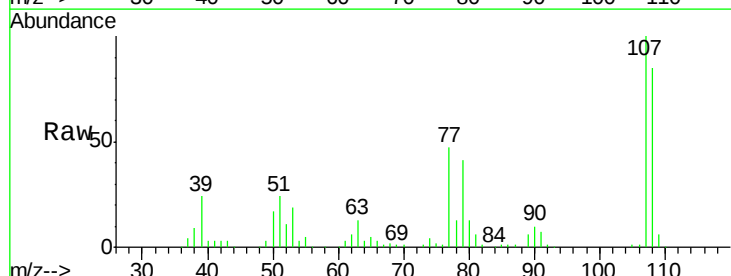
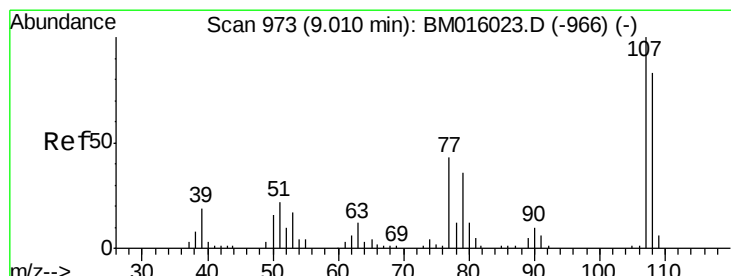
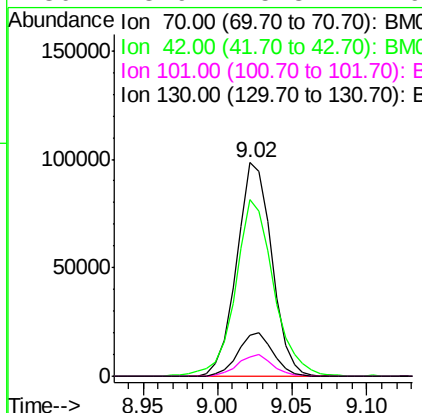
#19
n-Nitroso-di-n-propylamine
Concen: 44.075 ng
RT: 9.02 min Scan# 975
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	83.0	44.5	66.7#
101	9.0	7.4	11.2
130	18.9	15.3	22.9

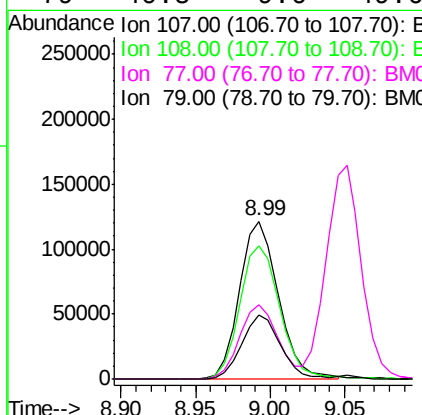
Manual Integrations
APPROVED

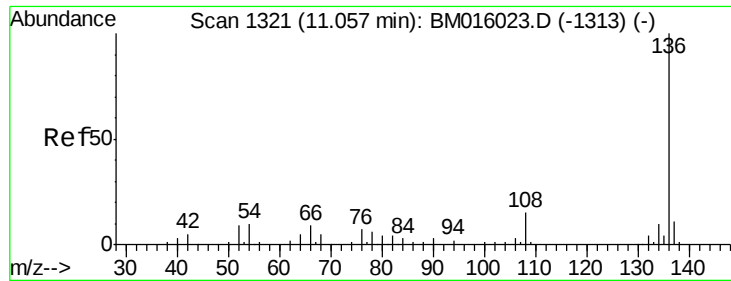
Sohil
7/27/2018 2:05:03 PM



#20
3+4-Methylphenols
Concen: 44.625 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	73.2	113.2
77	47.4	10.7	50.7
79	40.5	9.6	49.6





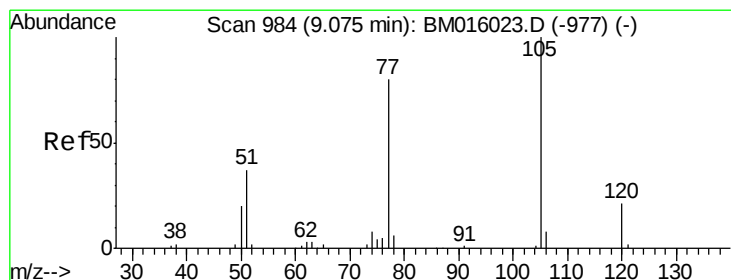
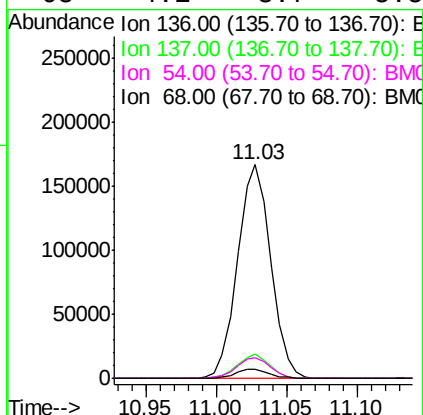
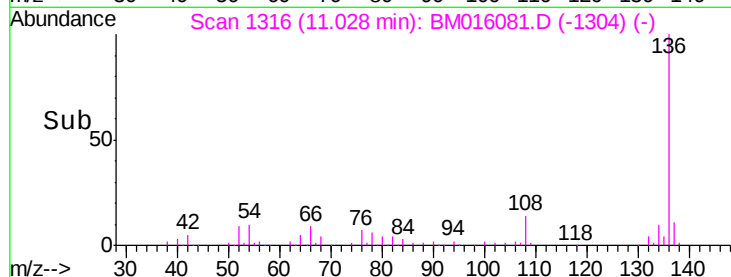
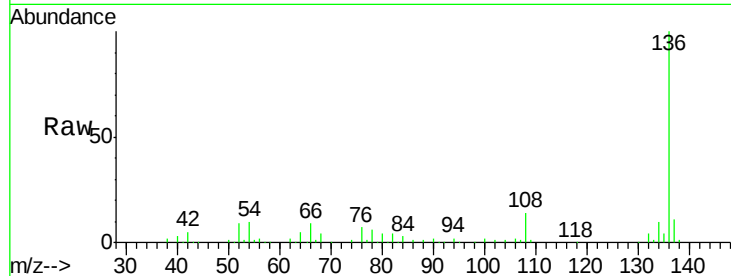
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.03 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleID :
PB111458BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		273610		
137	11.3	8.7	13.1		
54	9.7	4.6	6.8#		
68	4.1	3.7	5.5		

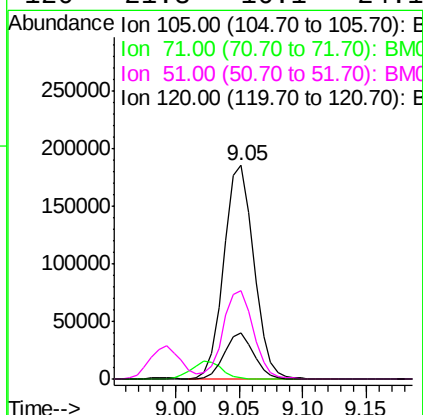
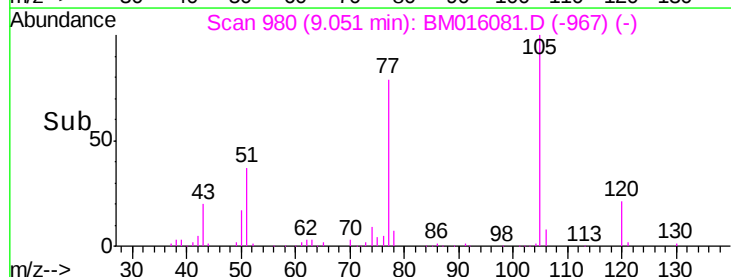
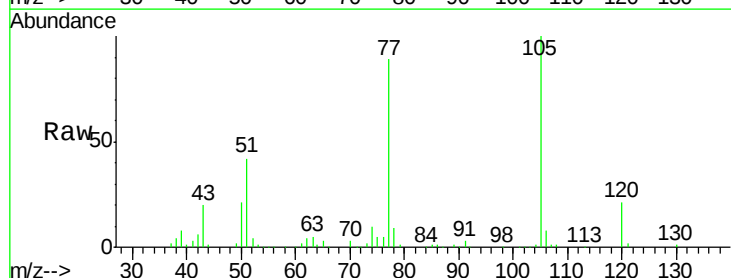
Manual Integrations
APPROVED

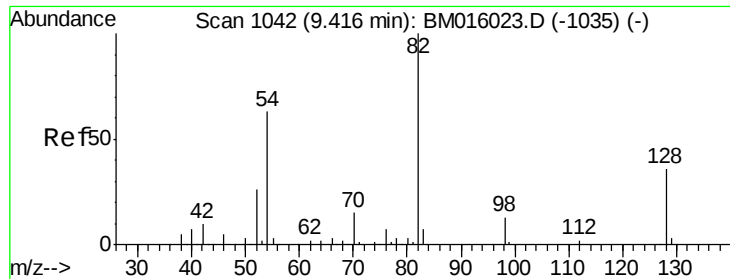
Sohil
7/27/2018 2:05:03 PM



#22
Acetophenone
Concen: 43.863 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		302192		
71	0.4	0.6	1.0#		
51	41.6	21.6	32.4#		
120	21.3	16.1	24.1		





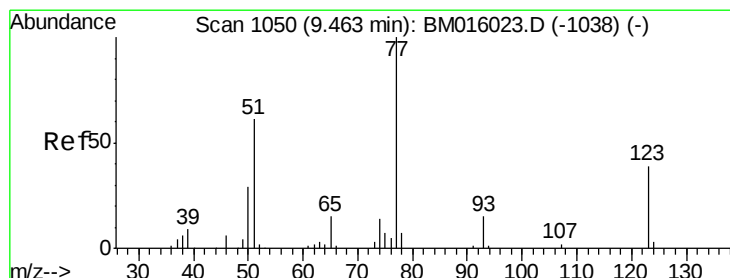
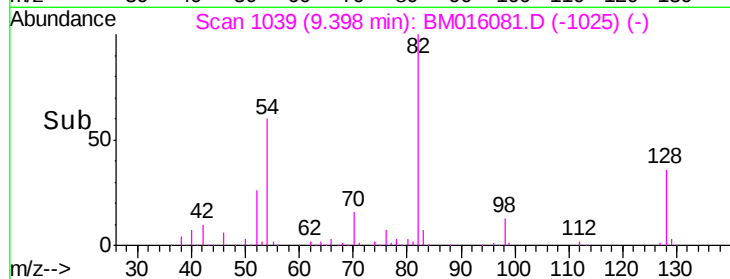
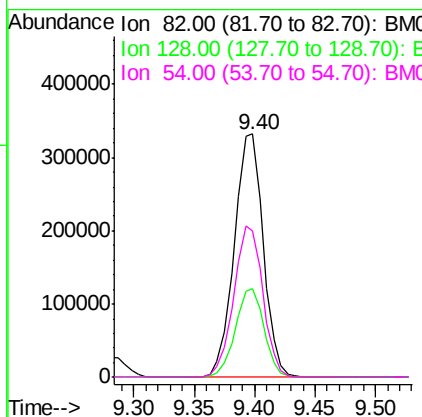
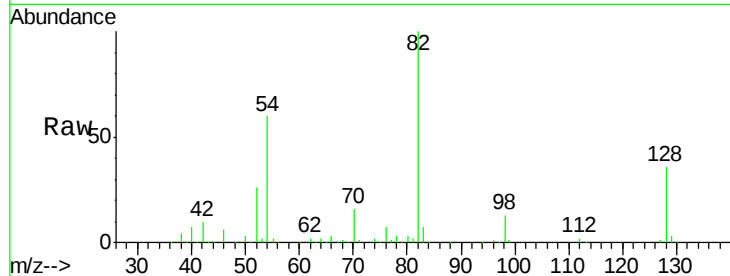
#23
Nitrobenzene-d5
Concen: 43.863 ng
RT: 9.40 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	558452		
128	36.3	32.8	49.2	
54	60.3	40.6	60.8	

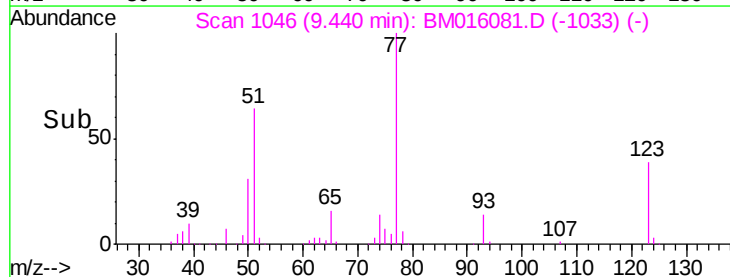
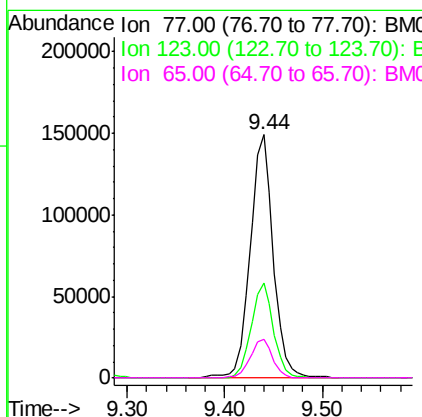
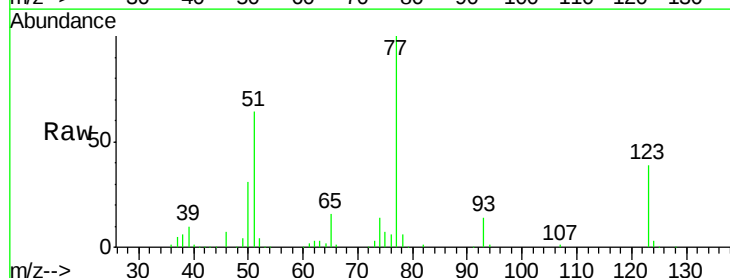
Manual Integrations
APPROVED

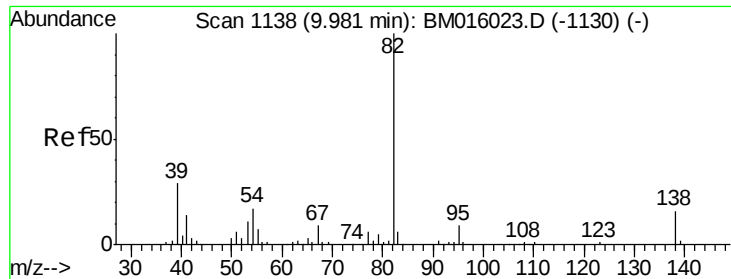
Sohil
7/27/2018 2:05:03 PM



#24
Nitrobenzene
Concen: 41.889 ng
RT: 9.44 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	248039		
123	39.0	32.6	49.0	
65	15.9	10.9	16.3	





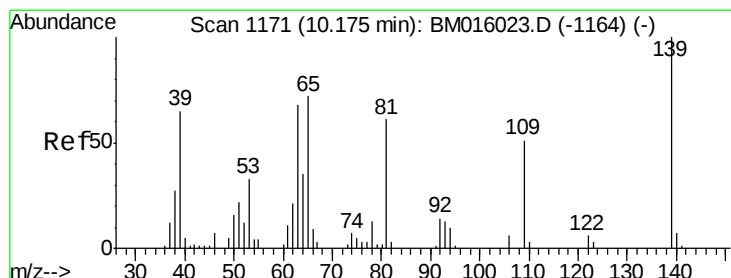
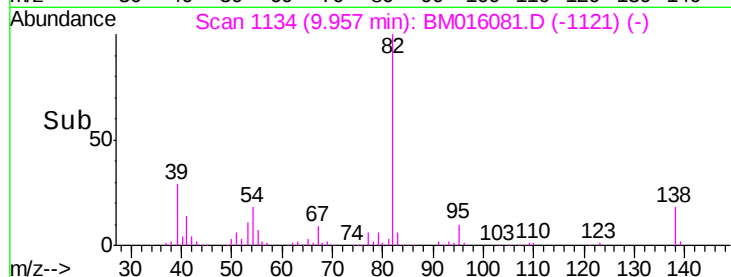
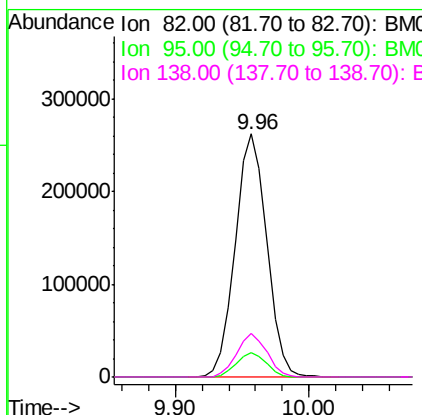
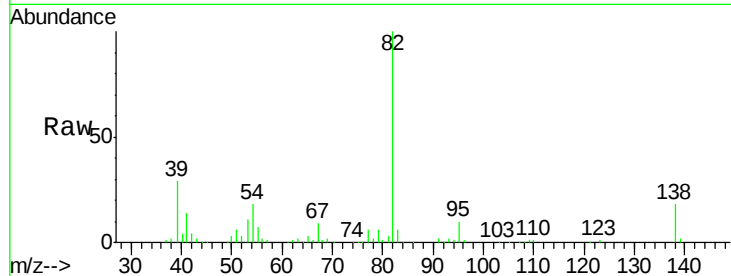
#25
Isophorone
Concen: 53.385 ng
RT: 9.96 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	429566		
95	10.0	5.8	8.6#	
138	17.9	16.3	24.5	

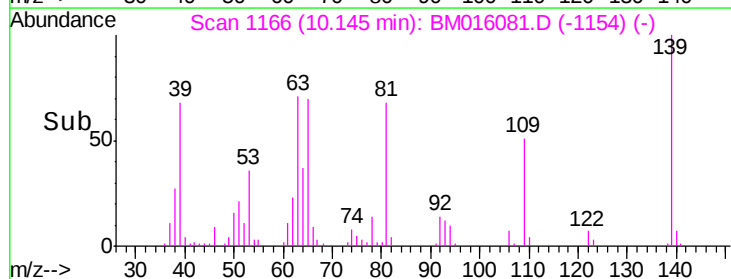
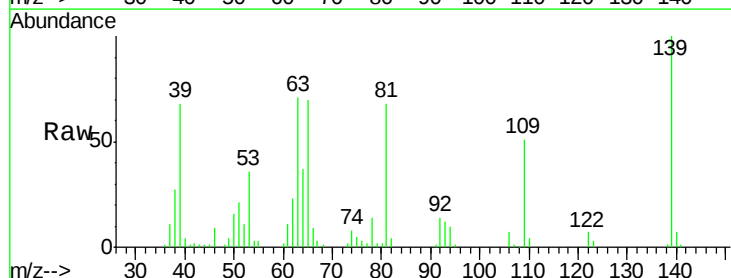
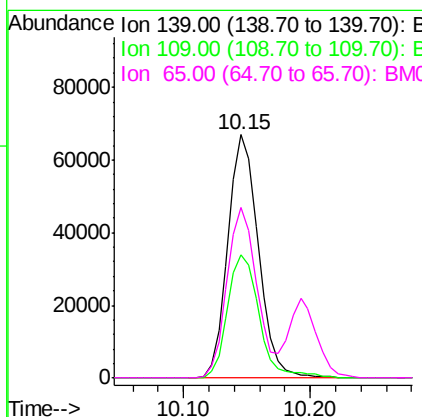
Manual Integrations
APPROVED

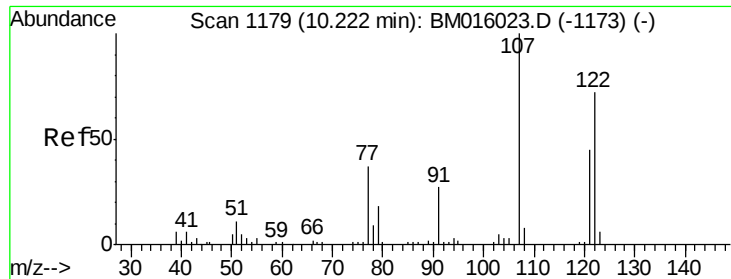
Sohil
7/27/2018 2:05:03 PM



#26
2-Nitrophenol
Concen: 45.239 ng
RT: 10.15 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	111823		
109	50.6	20.1	30.1#	
65	70.3	31.5	47.3#	





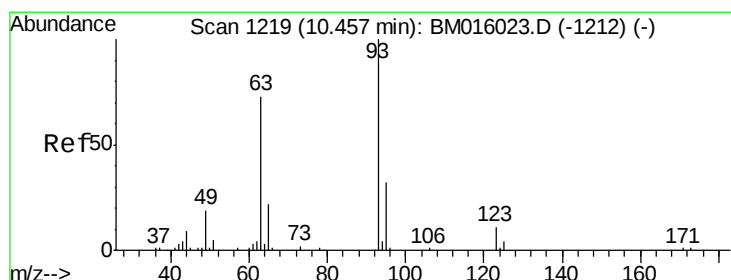
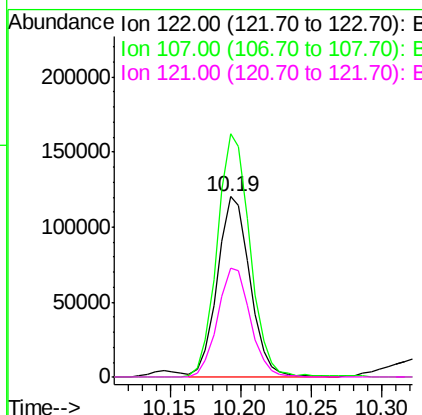
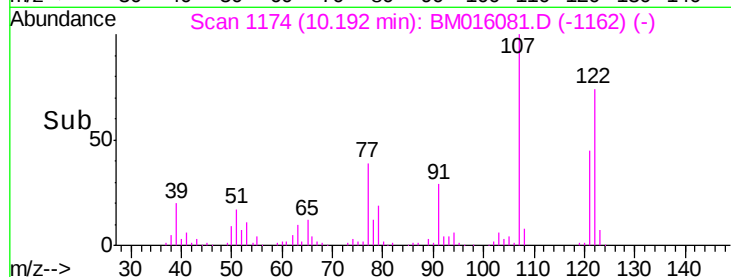
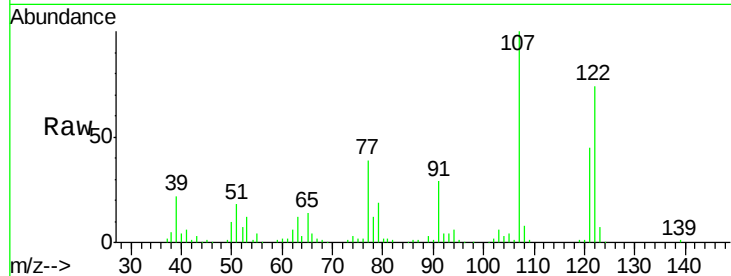
#27
2,4-Dimethylphenol
Concen: 55.921 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion:122 Resp: 192577
Ion Ratio Lower Upper
122 100
107 135.0 84.7 127.1#
121 60.3 46.6 69.8

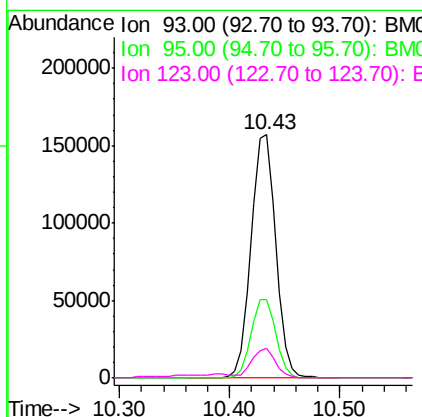
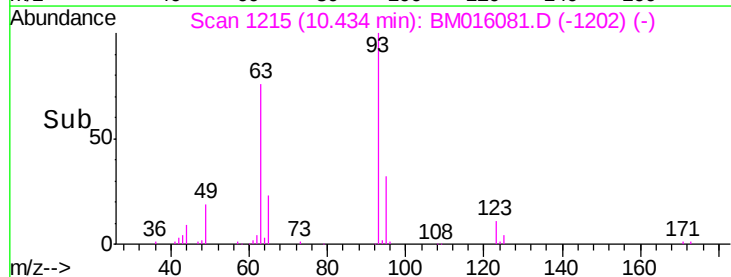
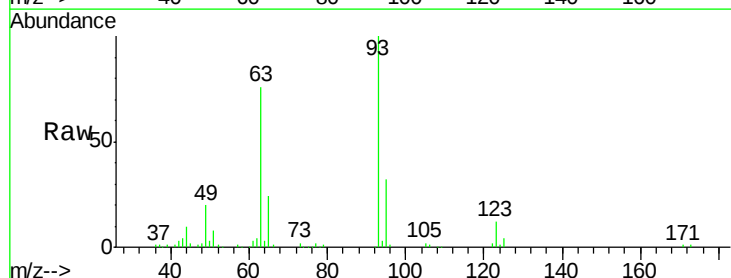
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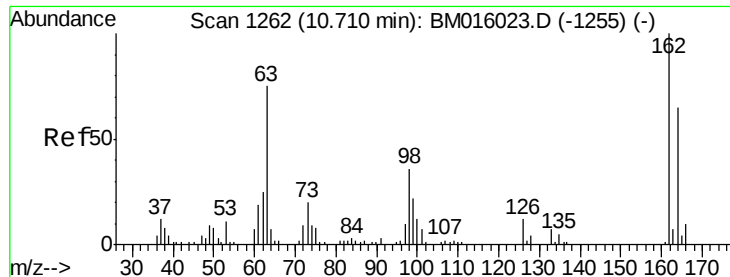
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 47.663 ng
RT: 10.43 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion: 93 Resp: 249272
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 12.2 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 49.752 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.03 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

ClientSampleId :

PB111458BS

Tgt Ion:162 Resp: 203594
Ion Ratio Lower Upper

162 100

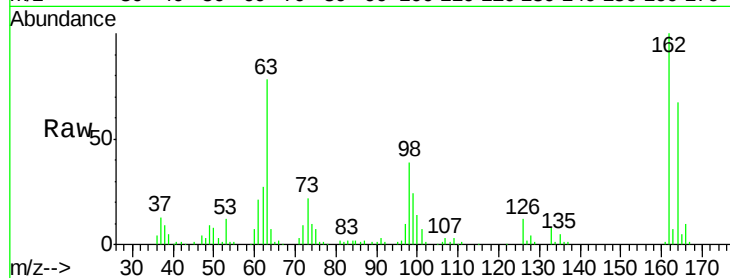
164 66.6 42.8 82.8

98 38.7 14.5 54.5

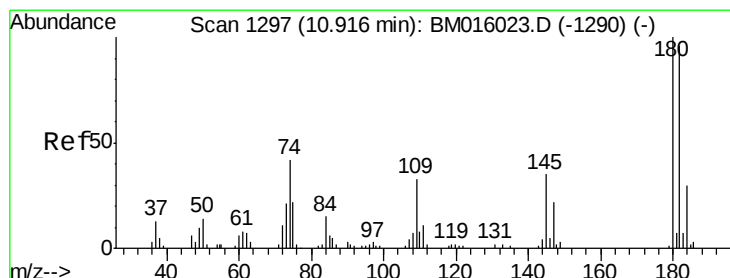
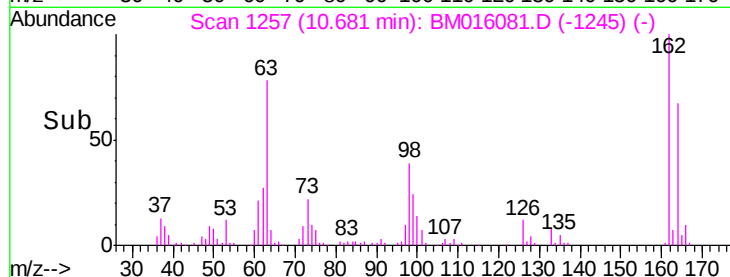
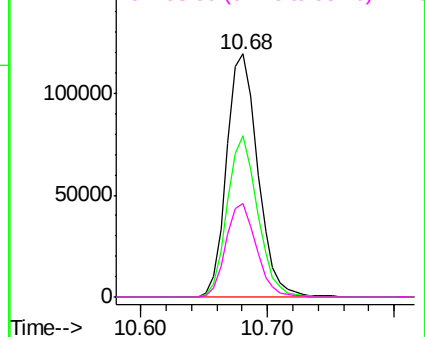
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.516 ng

RT: 10.89 min Scan# 1292

Delta R.T. -0.03 min

Lab File: BM016081.D

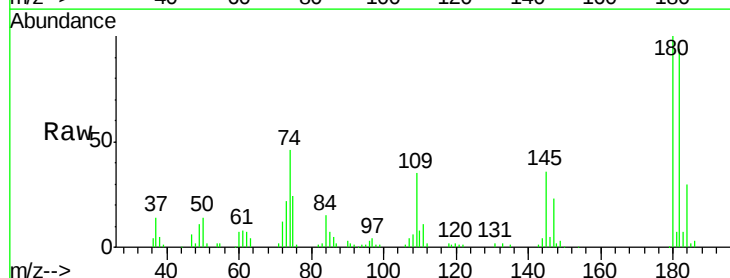
Acq: 26 Jul 2018 20:35

Tgt Ion:180 Resp: 206423
Ion Ratio Lower Upper

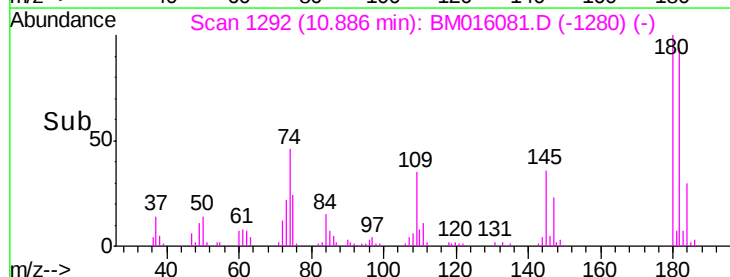
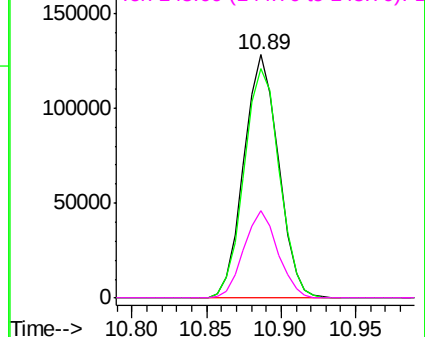
180 100

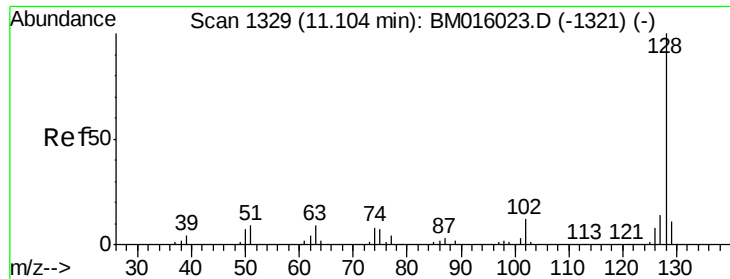
182 94.1 77.6 116.4

145 35.7 23.4 35.2#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





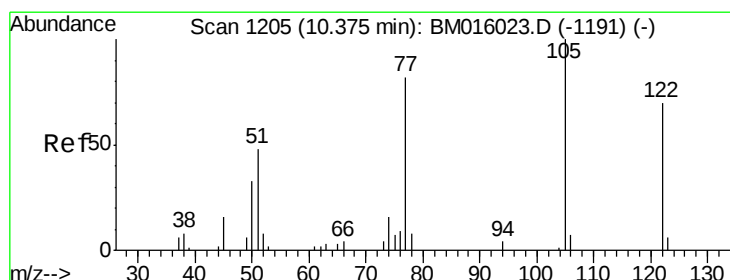
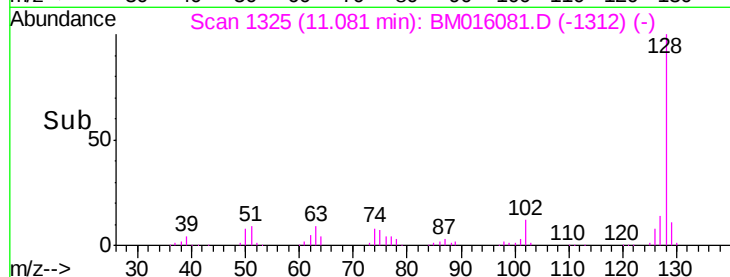
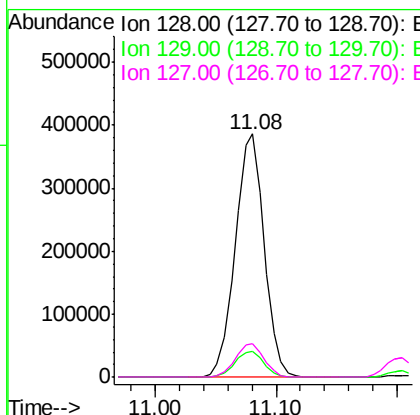
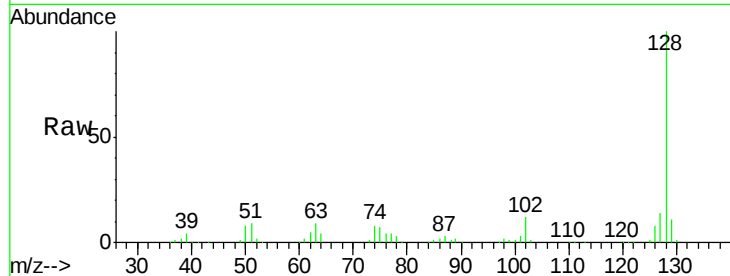
#31
Naphthalene
Concen: 46.425 ng
RT: 11.08 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampled :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	642880		
129	10.8	8.9	13.3	
127	13.7	10.4	15.6	

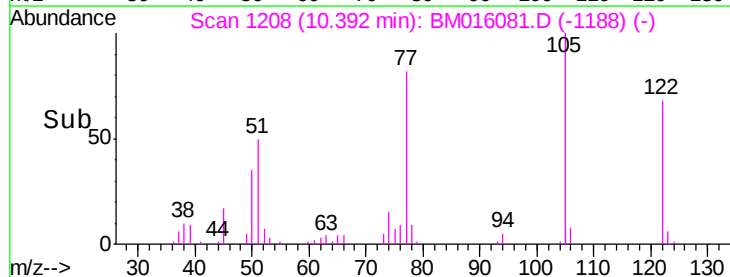
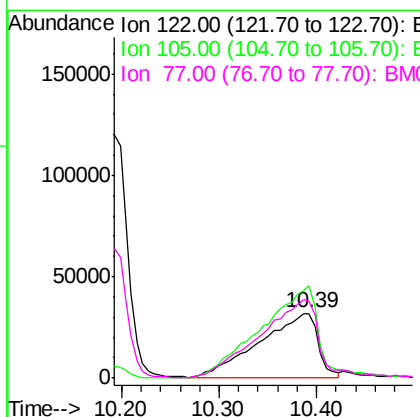
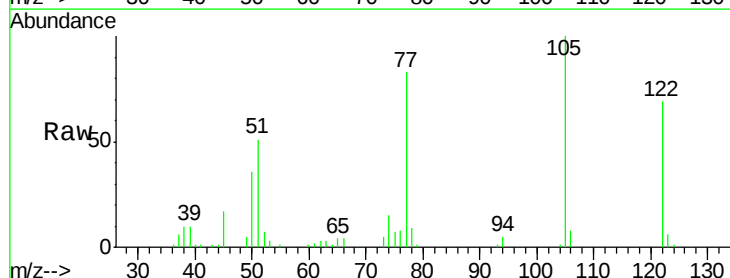
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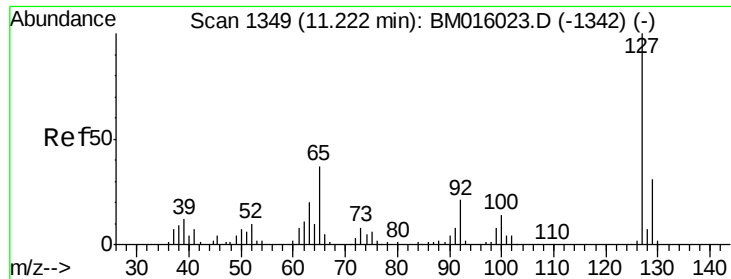
Sohil
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#32
Benzoic acid
Concen: 49.134 ng
RT: 10.39 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	128986		
105	144.0	99.9	139.9#	
77	120.0	73.7	113.7#	





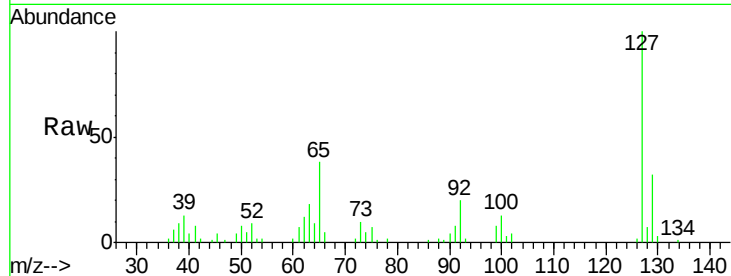
#33
4-Chloroaniline
Concen: 10.407 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

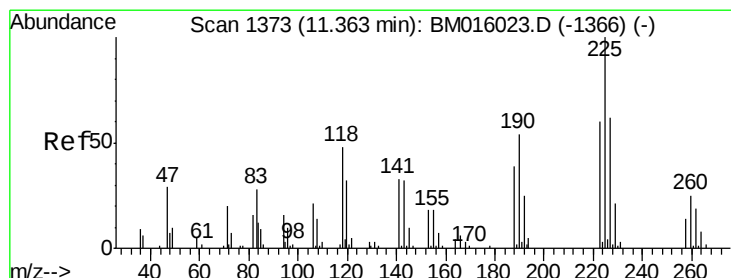
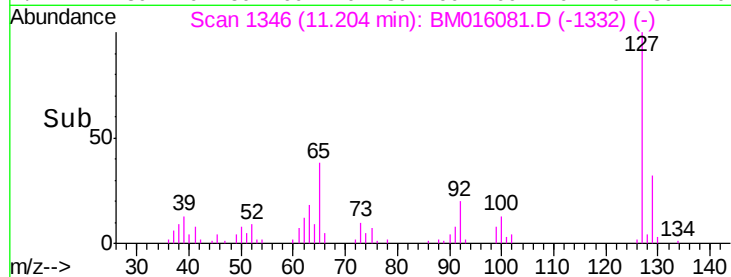
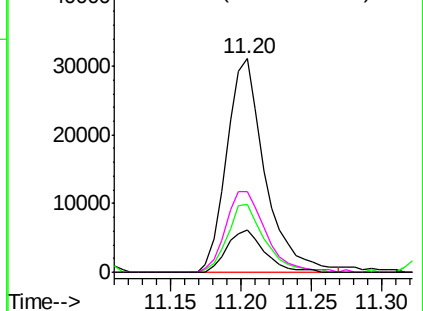
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.3	37.9	
65	37.7	17.6	26.4	
92	19.9	13.1	19.7	

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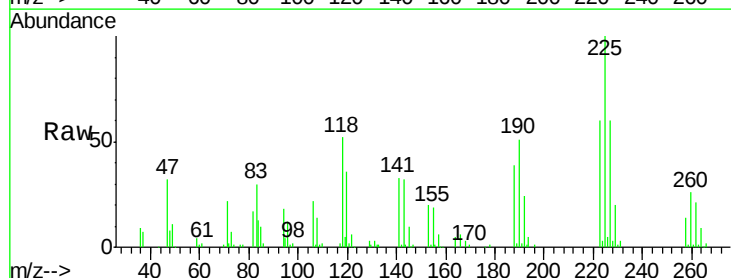


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

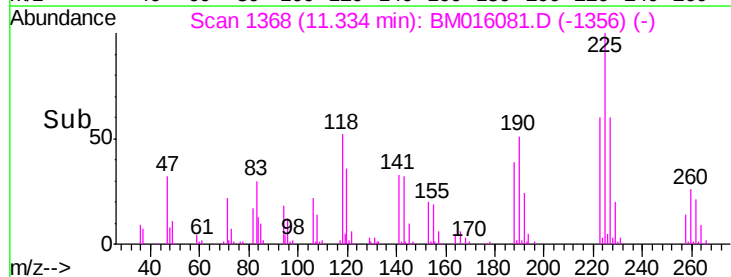
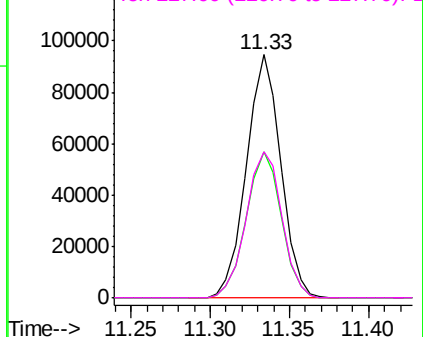


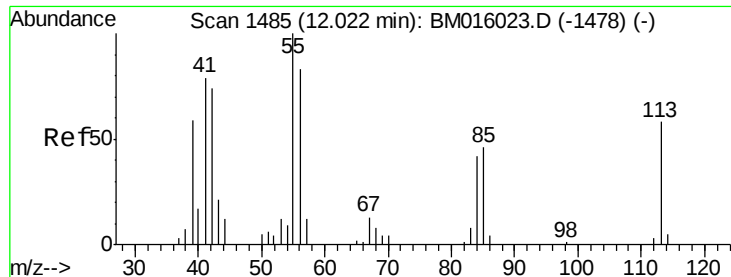
#34
Hexachlorobutadiene
Concen: 41.386 ng
RT: 11.33 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

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



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.093 ng m

RT: 12.02 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

ClientSampleId :

PB111458BS

Tgt Ion:113 Resp: 56776

Ion Ratio Lower Upper

113 100

55 170.3 145.9 185.9

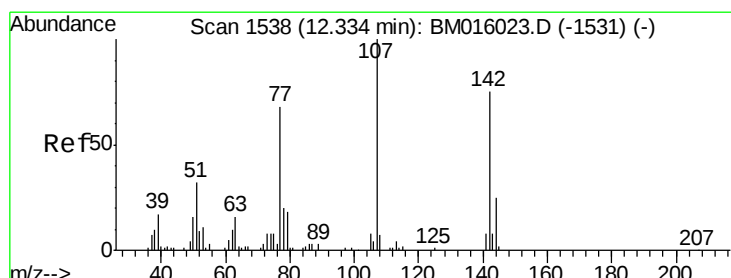
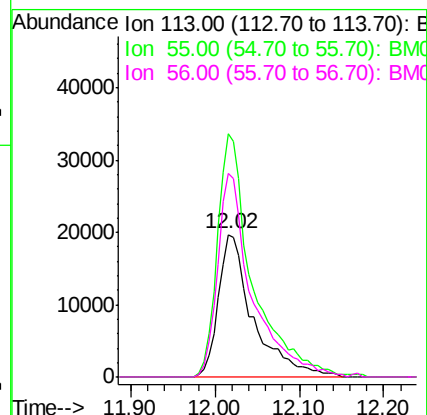
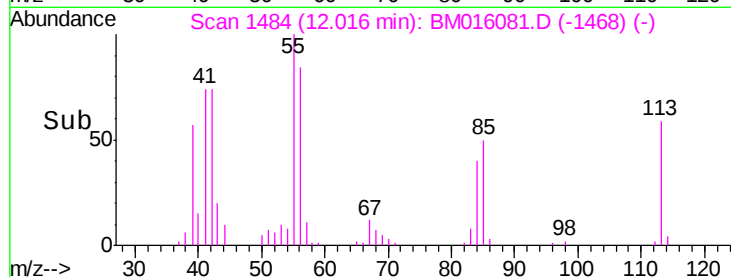
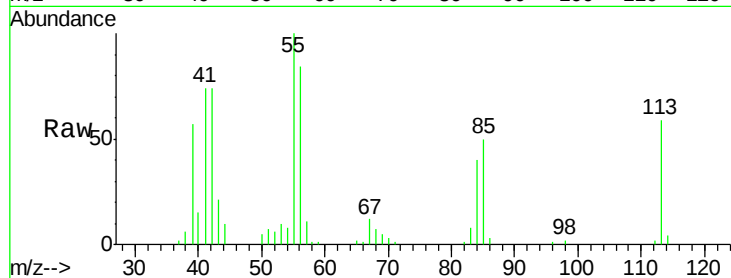
56 143.0 101.0 141.0#

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#36

4-Chloro-3-methylphenol

Concen: 50.619 ng

RT: 12.31 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

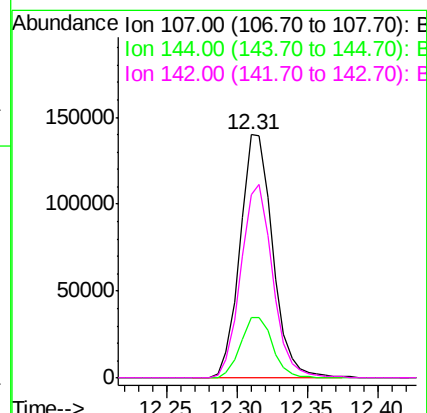
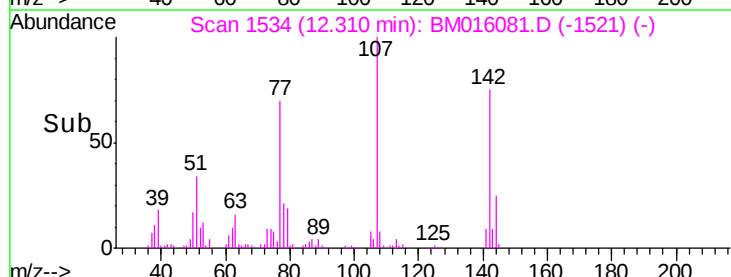
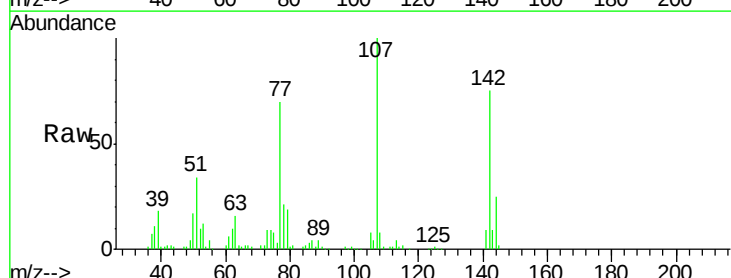
Tgt Ion:107 Resp: 227835

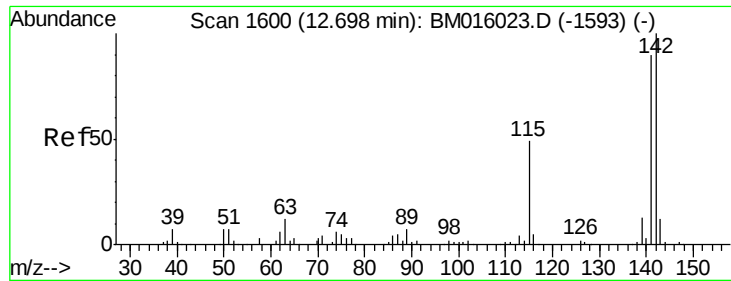
Ion Ratio Lower Upper

107 100

144 24.7 23.3 34.9

142 75.3 72.6 109.0





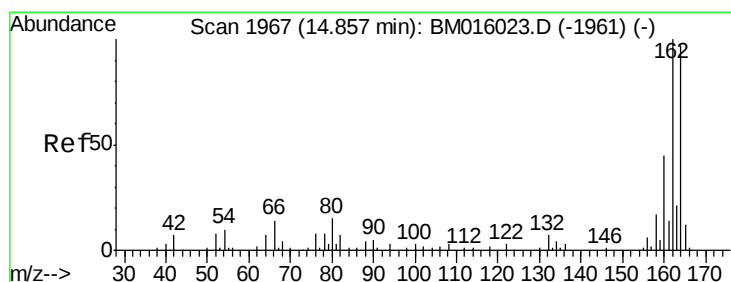
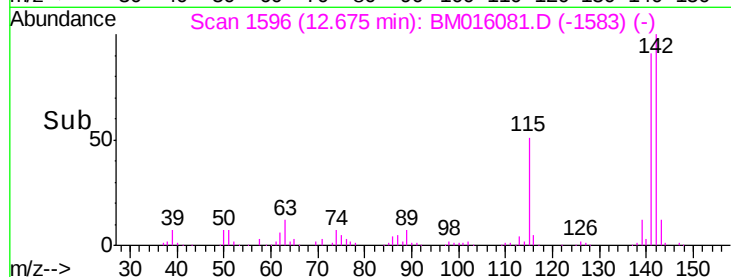
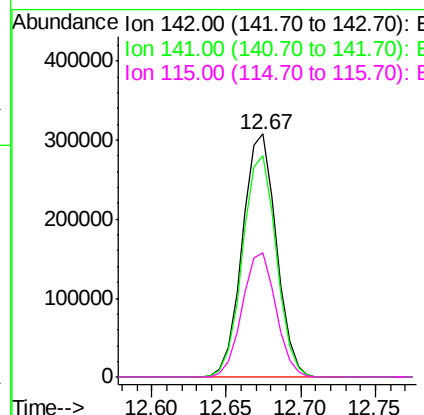
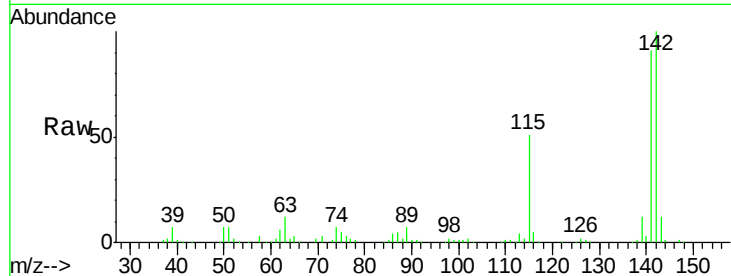
#37
 2-Methylnaphthalene
 Concen: 52.493 ng
 RT: 12.67 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	486940		
141	91.2	71.9	107.9	
115	51.1	25.4	38.0	

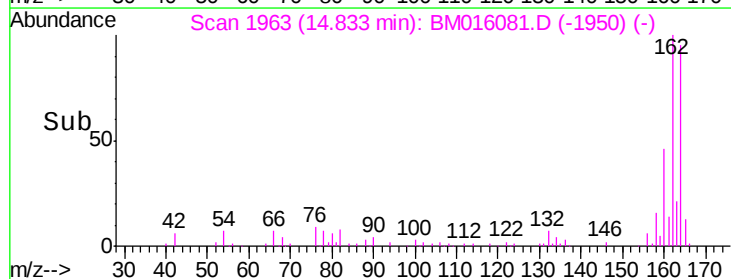
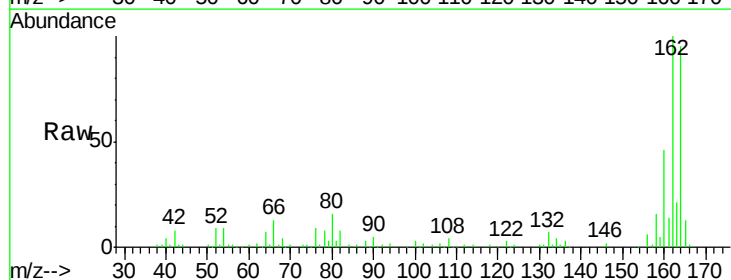
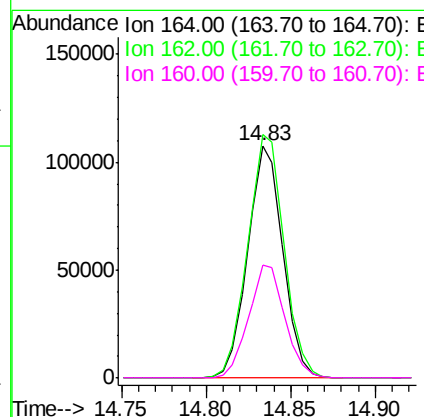
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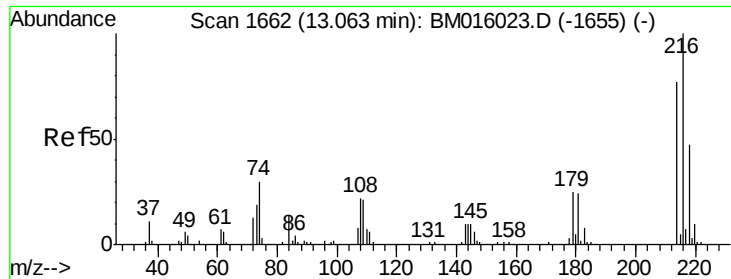
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.83 min Scan# 1963
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	155102		
162	104.7	82.4	123.6	
160	48.5	35.8	53.6	





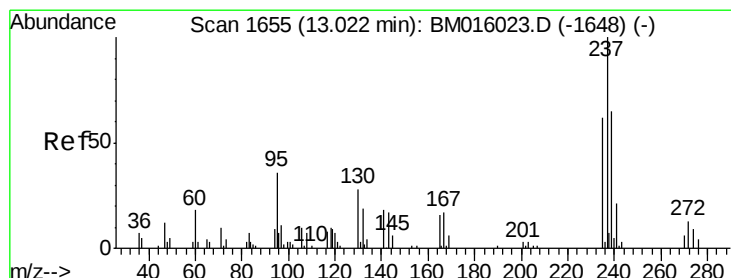
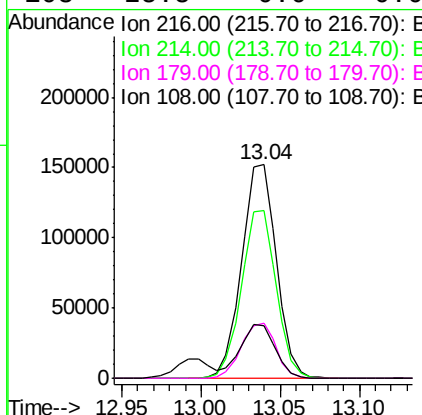
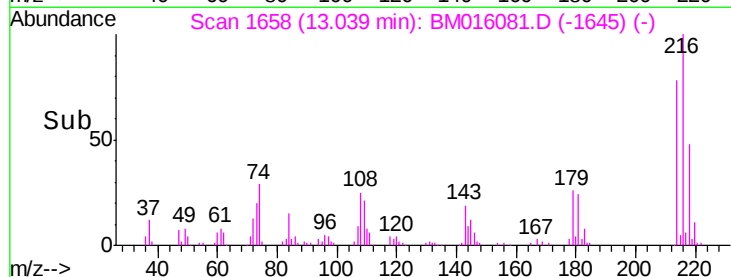
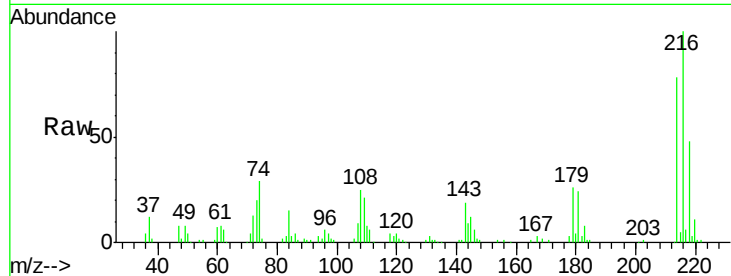
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.834 ng
 RT: 13.04 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.4	0.0	0.0#
179	25.6	0.0	0.0#
108	25.5	0.0	0.0#

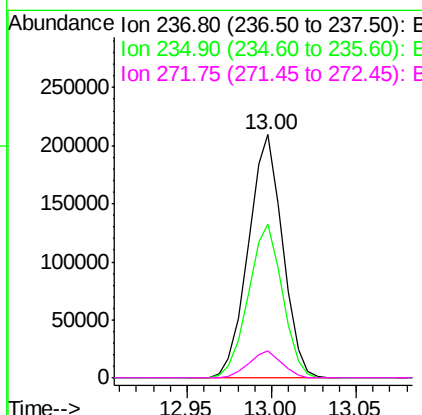
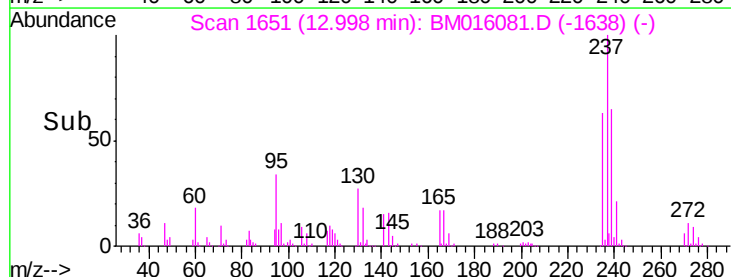
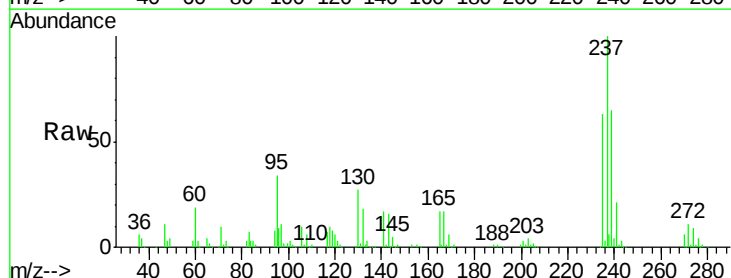
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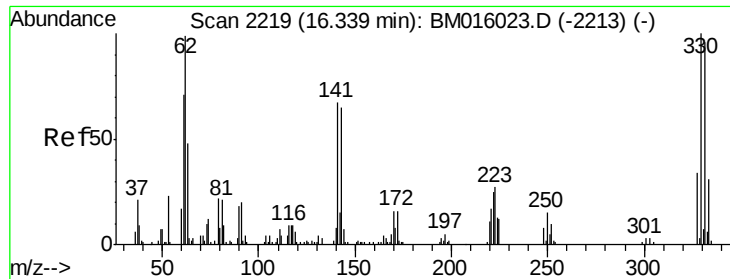
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#40
 Hexachlorocyclopentadiene
 Concen: 111.036 ng
 RT: 13.00 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.5	42.0	82.0
272	11.2	0.0	33.4





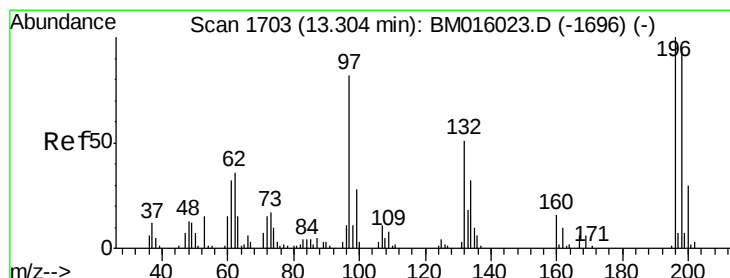
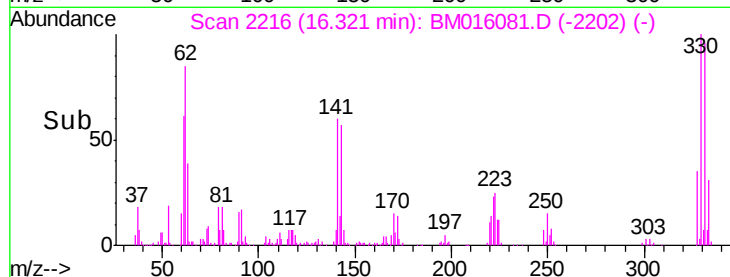
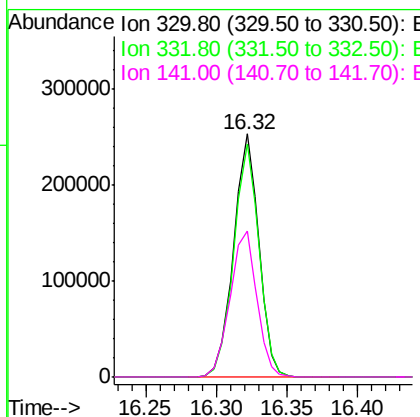
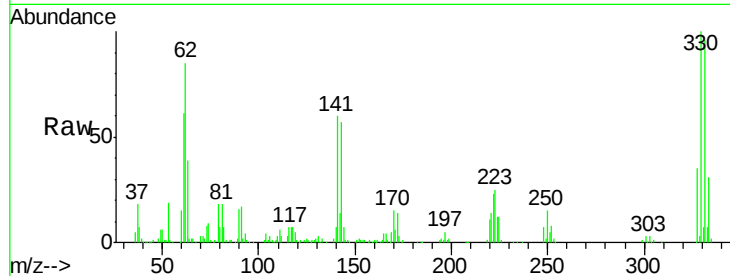
#41
 2,4,6-Tribromophenol
 Concen: 111.036 ng
 RT: 16.32 min Scan# 2216
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	0.0	0.0#
141	63.8	0.0	0.0#

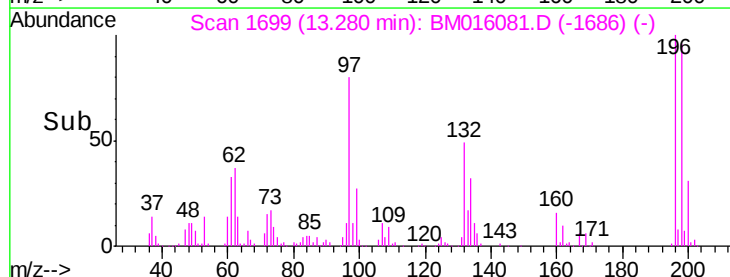
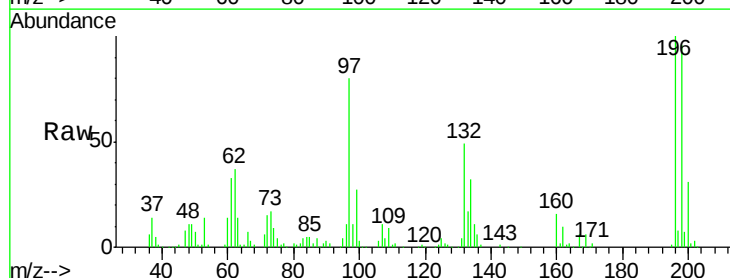
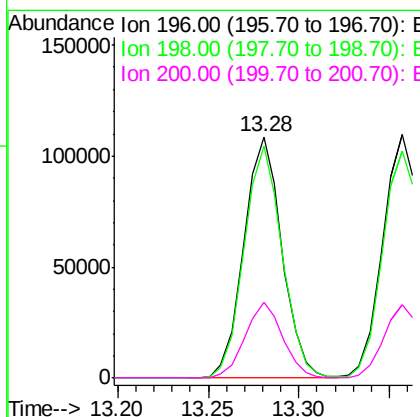
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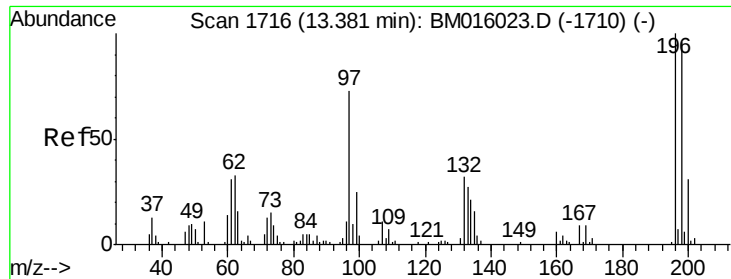
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.101 ng
 RT: 13.28 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.0	76.3	114.5
200	31.5	25.6	38.4





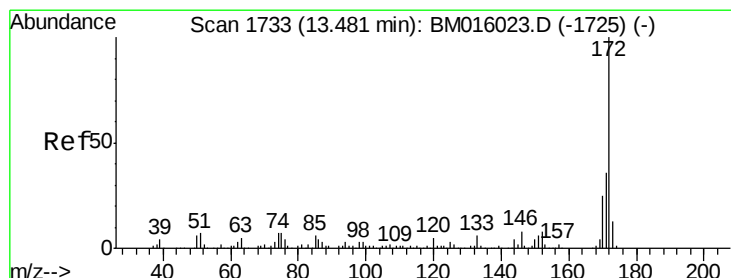
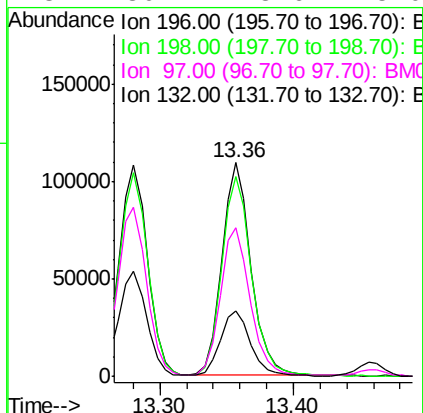
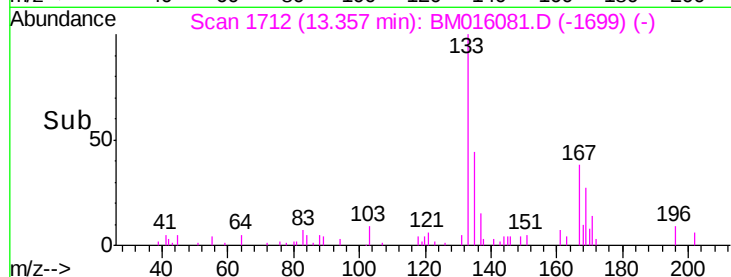
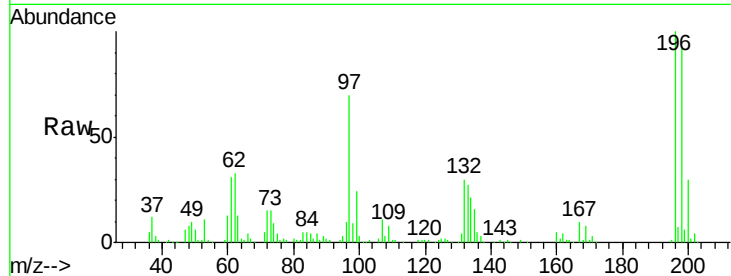
#43
 2,4,5-Trichlorophenol
 Concen: 49.087 ng
 RT: 13.36 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167275		
198	93.2	79.4	119.0	
97	69.6	26.8	40.2	
132	30.4	18.6	28.0	

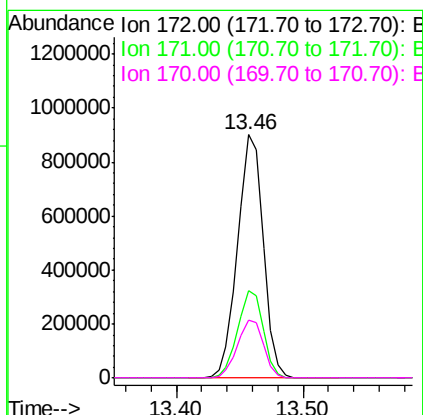
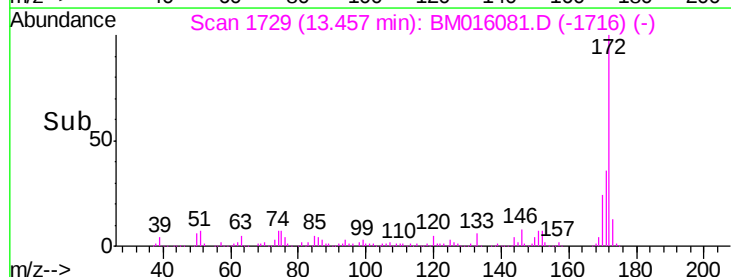
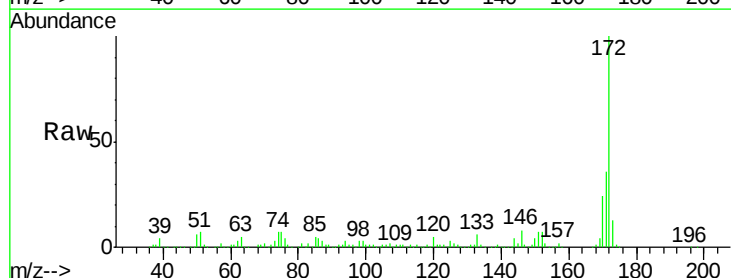
Manual Integrations
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Sohil
 7/27/2018 2:05:03 PM



#44
 2-Fluorobiphenyl
 Concen: 49.087 ng
 RT: 13.46 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1261417		
171	35.9	28.5	42.7	
170	23.8	18.8	28.2	





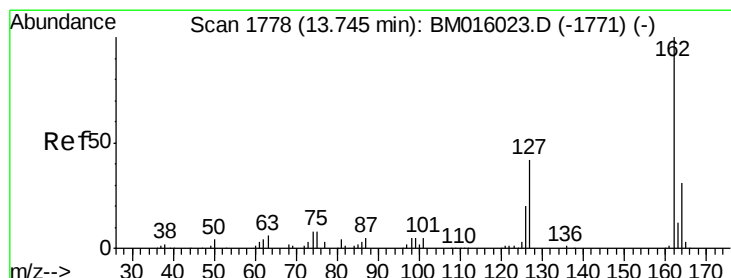
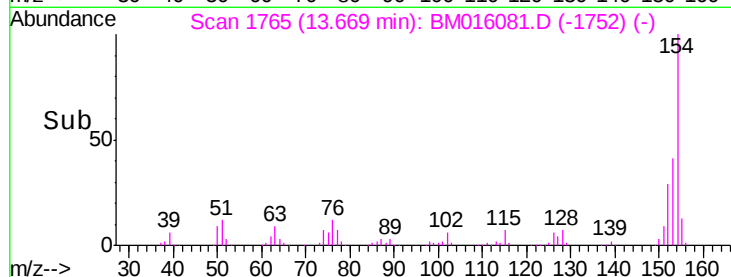
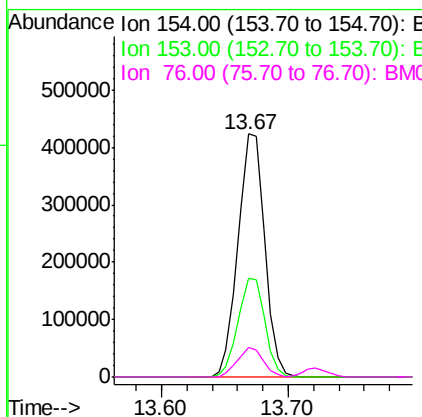
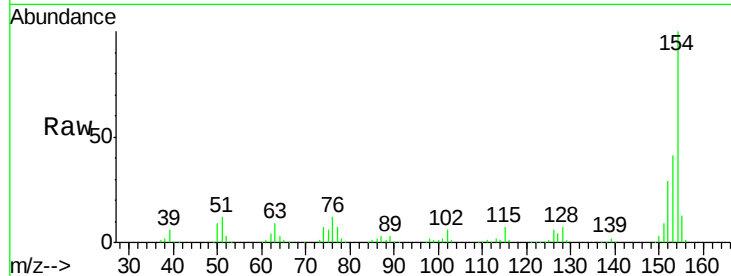
#45
 1,1'-Biphenyl
 Concen: 44.122 ng
 RT: 13.67 min Scan# 1765
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampled :
 PB111458BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.5	0.0	30.9

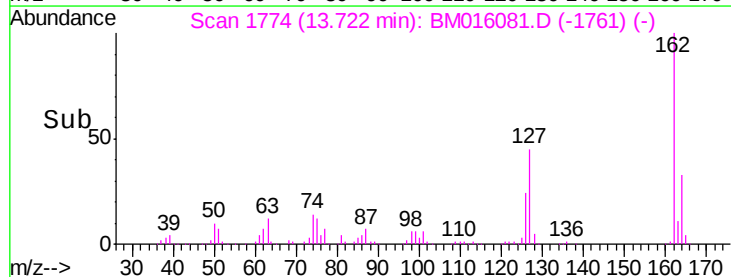
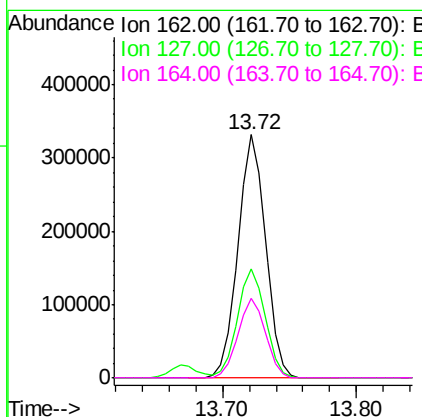
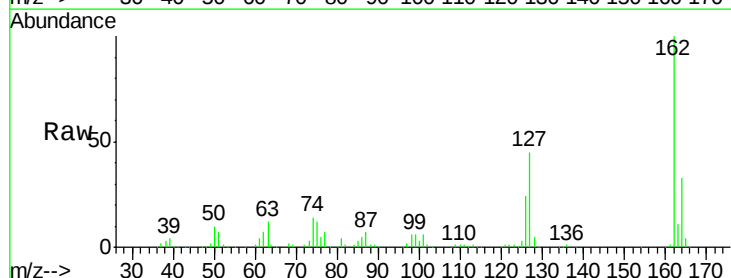
Manual Integrations
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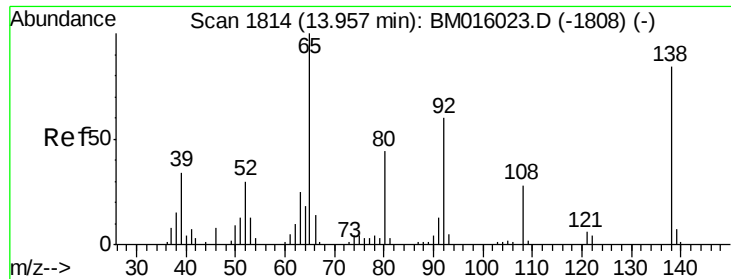
Sohil
 7/27/2018 2:05:03 PM



#46
 2-Chloronaphthalene
 Concen: 43.728 ng
 RT: 13.72 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.0	26.9	40.3#
164	32.9	26.8	40.2





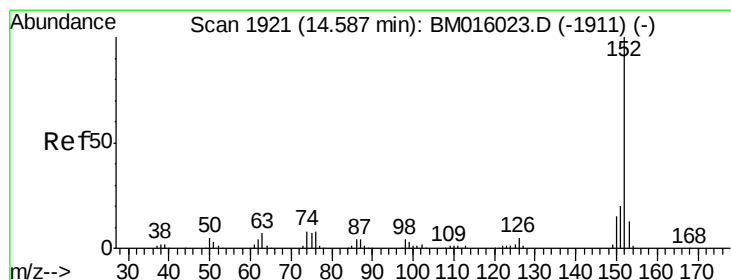
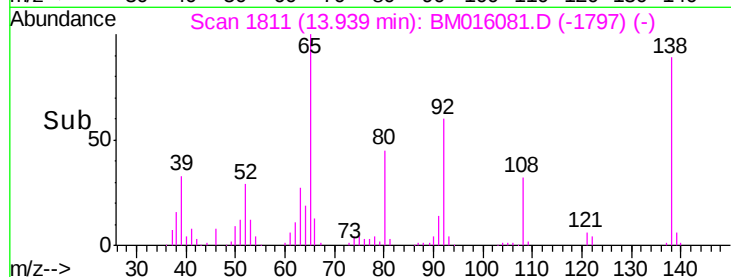
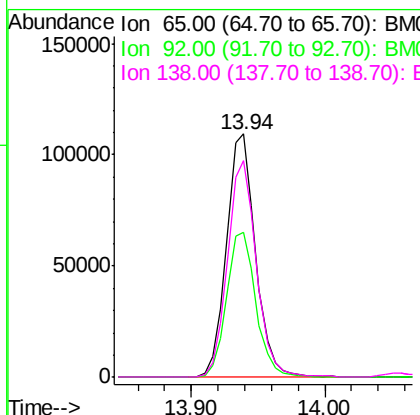
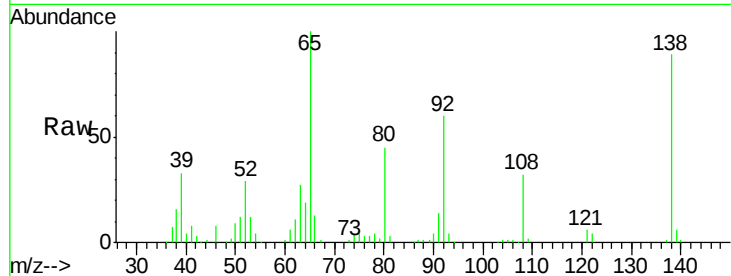
#47
2-Nitroaniline
Concen: 46.415 ng
RT: 13.94 min Scan# 1811
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.6	59.1	88.7
138	88.9	93.9	140.9

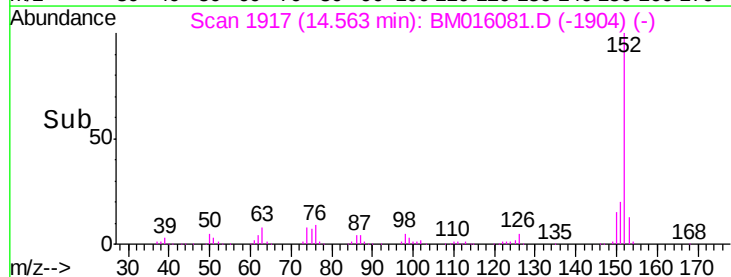
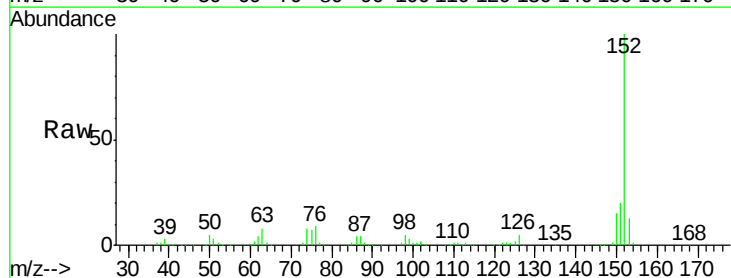
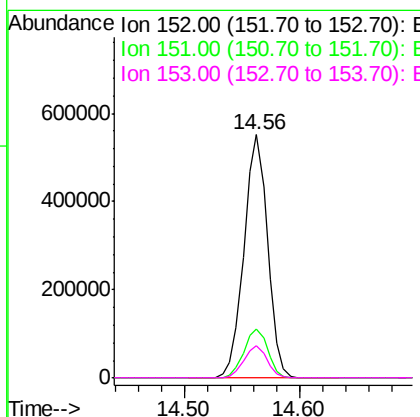
Manual Integrations
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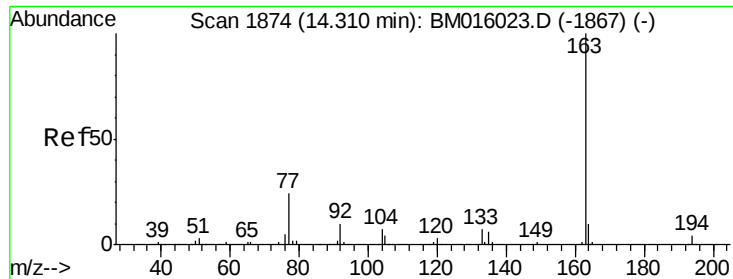
Sohil
7/27/2018 2:05:03 PM



#48
Acenaphthylene
Concen: 49.256 ng
RT: 14.56 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.1	10.6	16.0





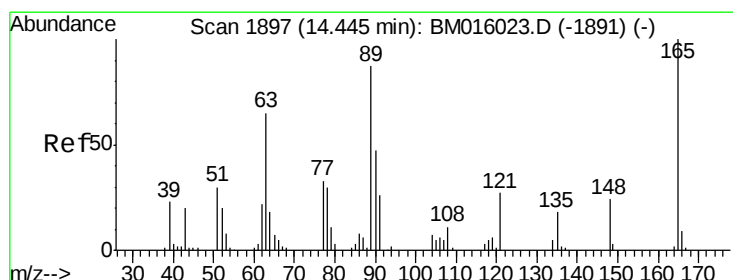
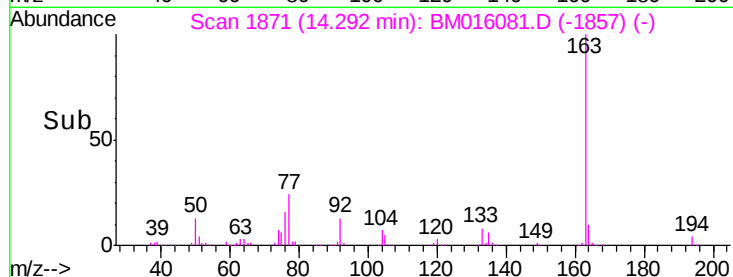
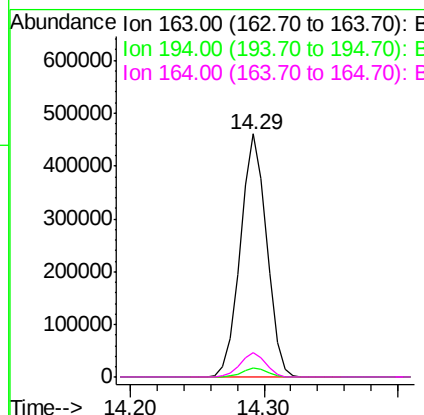
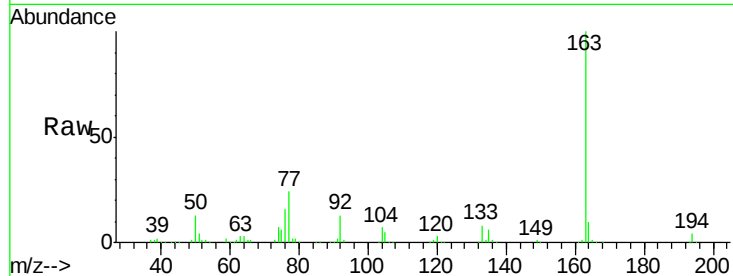
#49
Dimethylphthalate
Concen: 46.231 ng
RT: 14.29 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	627533		
194	3.7	2.7	4.1	
164	10.0	8.2	12.2	

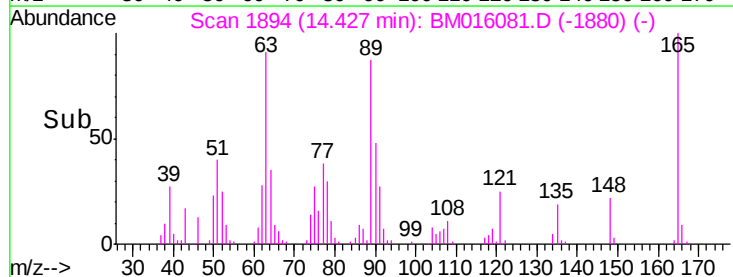
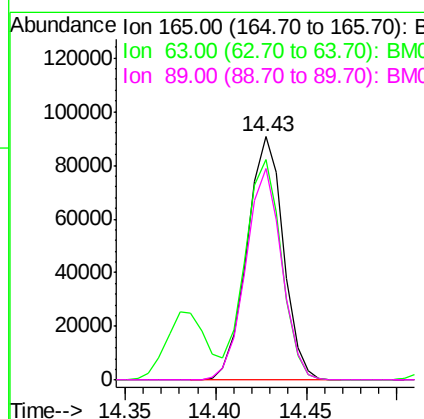
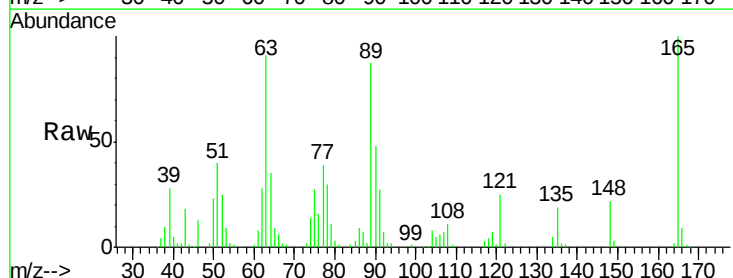
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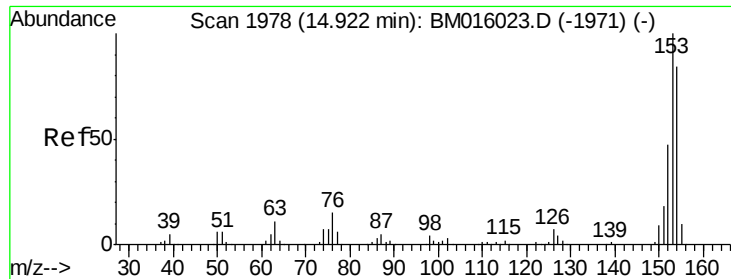
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.400 ng
RT: 14.43 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126724		
63	90.9	44.1	66.1#	
89	86.7	44.3	66.5#	





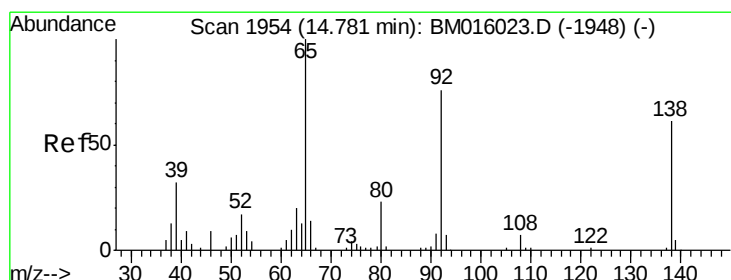
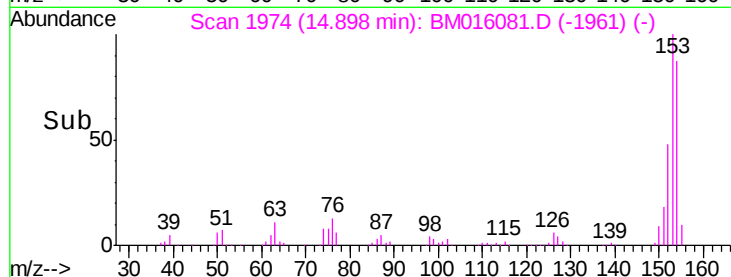
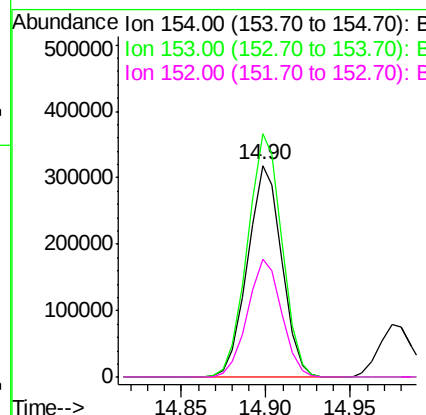
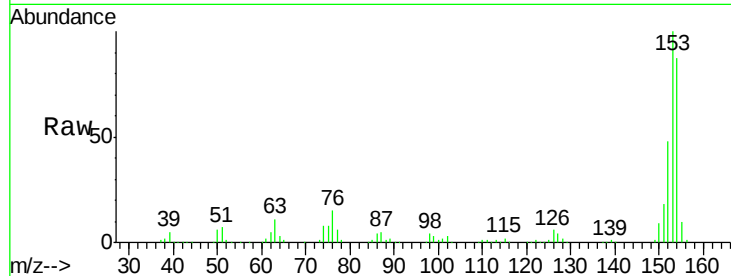
#51
Acenaphthene
Concen: 45.789 ng
RT: 14.90 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.9	90.0	135.0	
152	55.5	42.6	63.8	

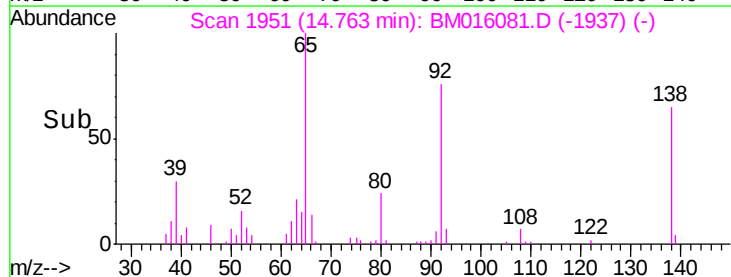
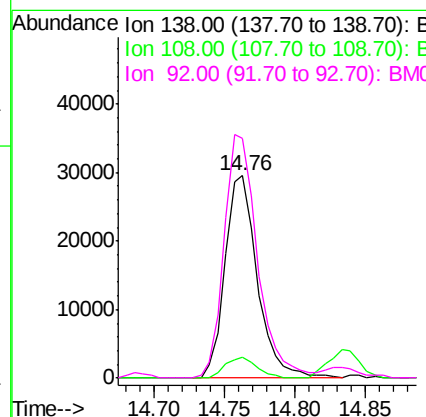
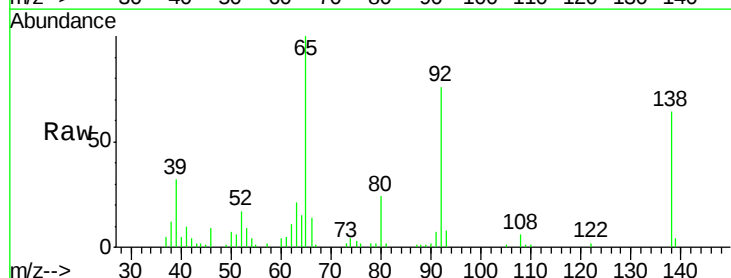
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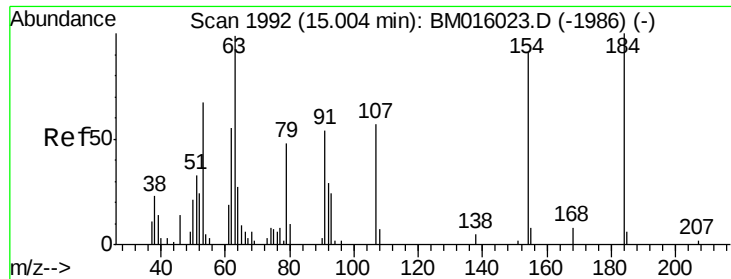
Sohil
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#52
3-Nitroaniline
Concen: 16.054 ng
RT: 14.76 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.1	7.3	10.9	
92	118.3	76.6	114.8	





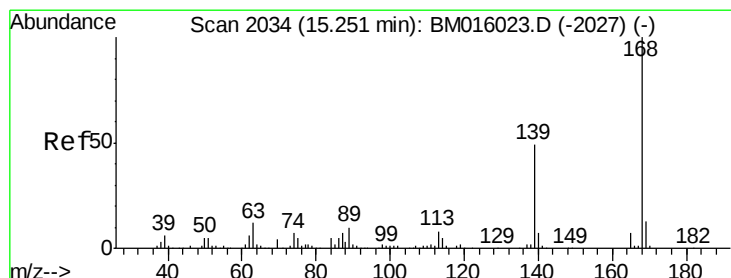
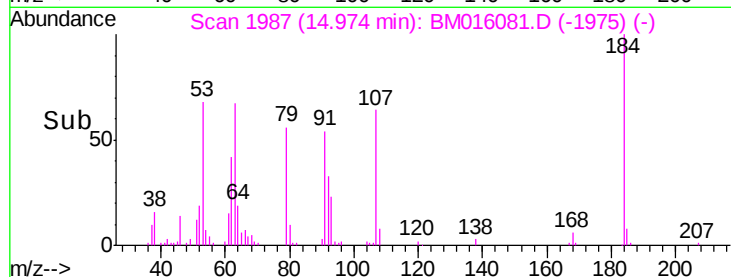
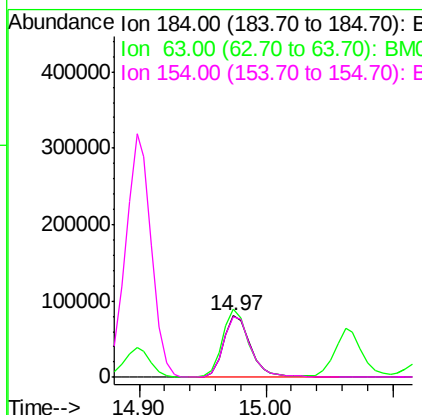
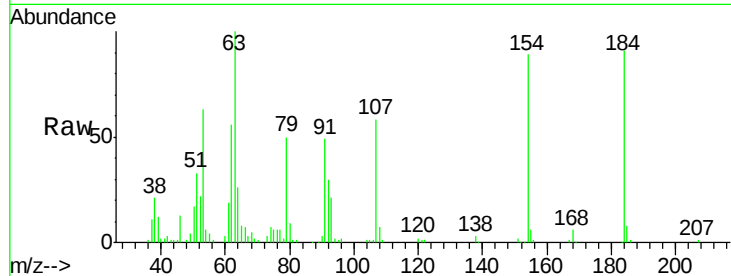
#53
2,4-Dinitrophenol
Concen: 101.823 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion:184 Resp: 121530
Ion Ratio Lower Upper
184 100
63 110.2 69.2 103.8#
154 98.5 53.3 79.9#

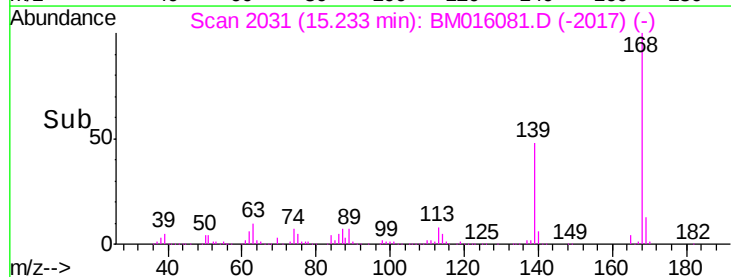
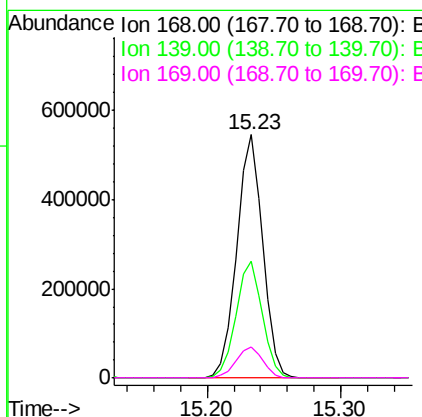
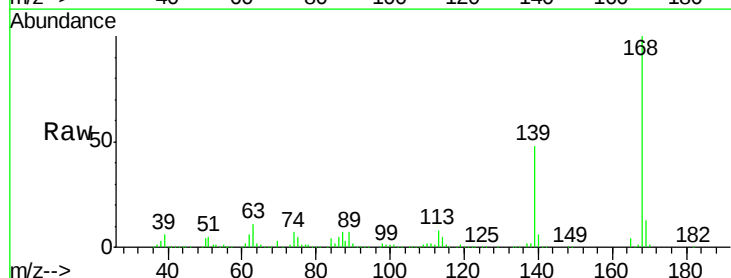
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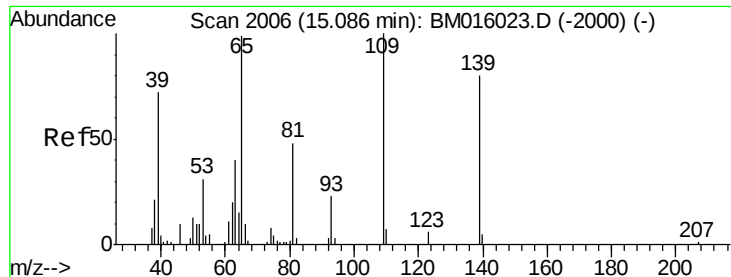
Sohil
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#54
Dibenzofuran
Concen: 45.314 ng
RT: 15.23 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion:168 Resp: 731939
Ion Ratio Lower Upper
168 100
139 48.3 27.3 40.9#
169 12.9 10.6 16.0





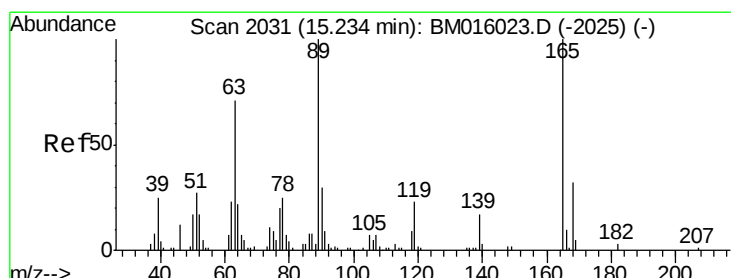
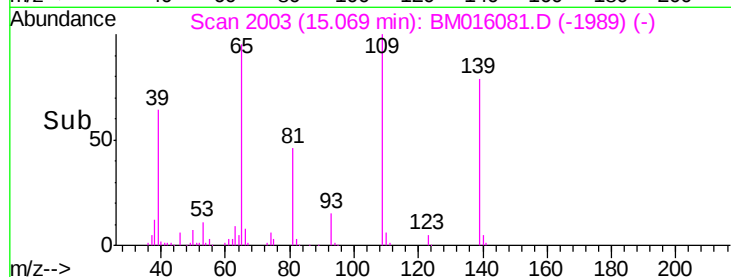
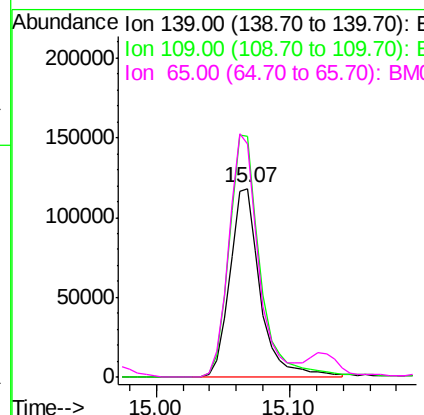
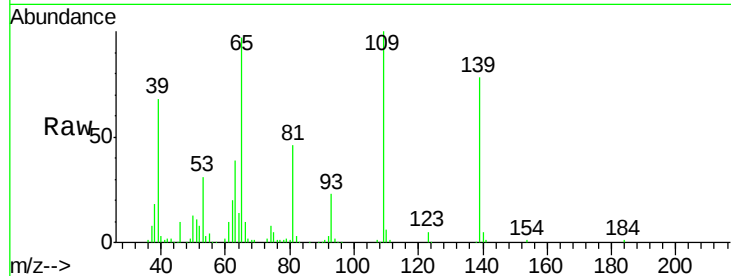
#55
4-Nitrophenol
Concen: 89.661 ng
RT: 15.07 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	189604		
109	127.6	130.0	170.0#	
65	123.6	130.0	170.0#	

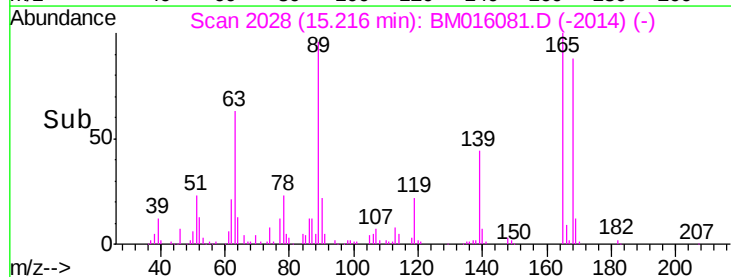
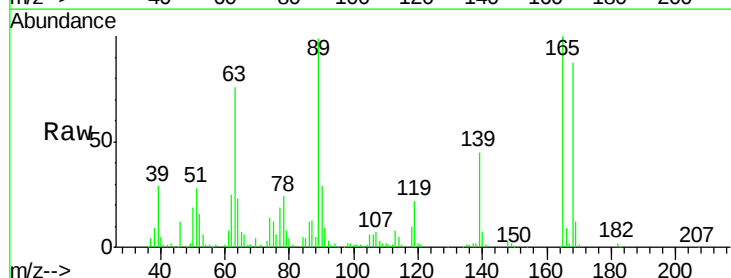
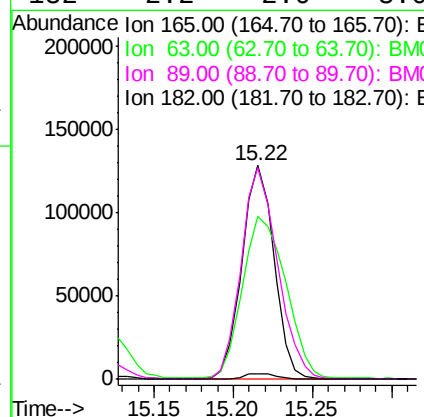
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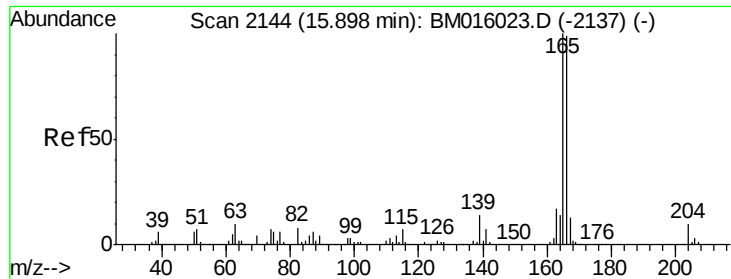
Sohil
7/27/2018 2:05:03 PM



#56
2,4-Dinitrotoluene
Concen: 46.218 ng
RT: 15.22 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180487		
63	76.0	52.4	78.6	
89	99.0	72.4	108.6	
182	2.2	2.0	3.0	





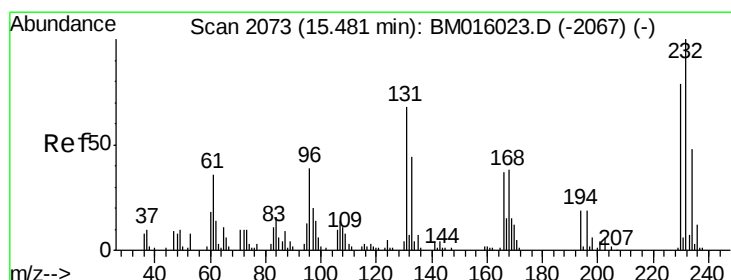
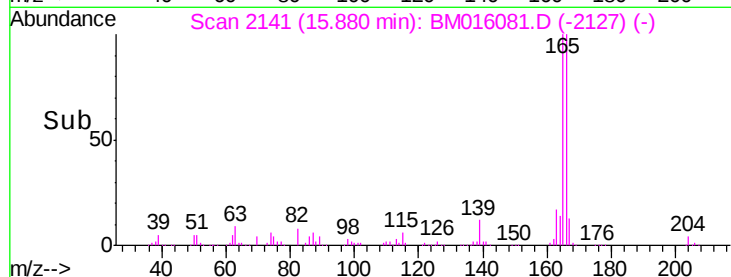
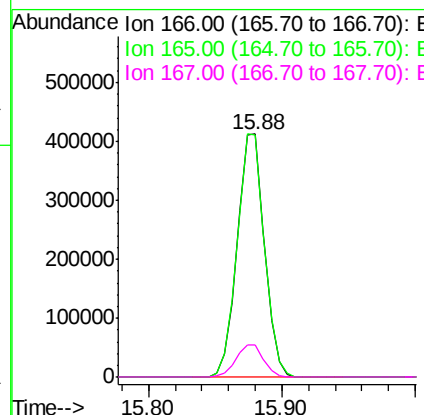
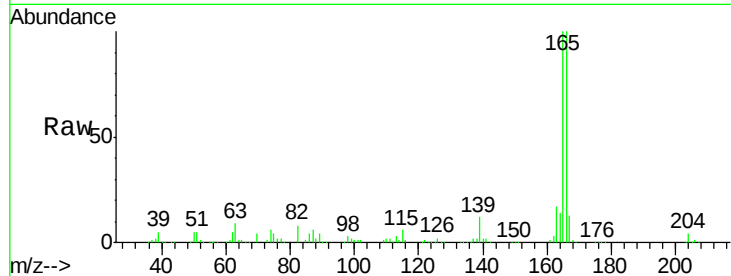
#57
 Fluorene
 Concen: 48.900 ng
 RT: 15.88 min Scan# 2141
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleID :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	586951		
165	99.9	79.0	118.4	
167	13.2	10.3	15.5	

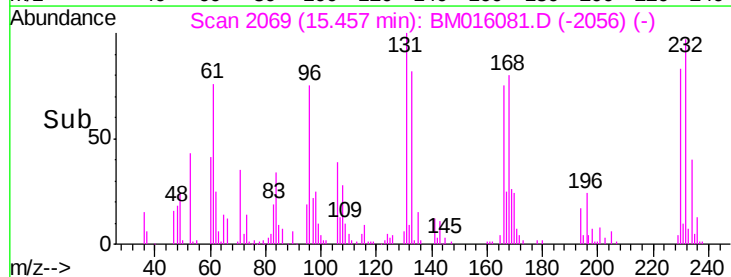
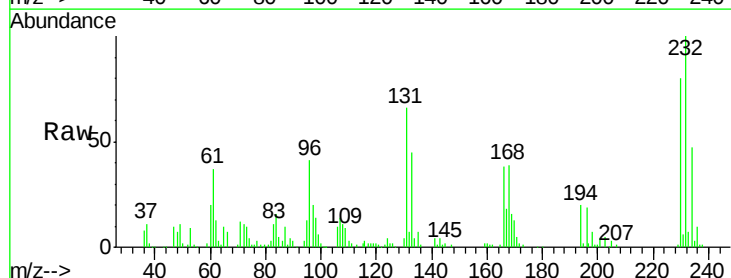
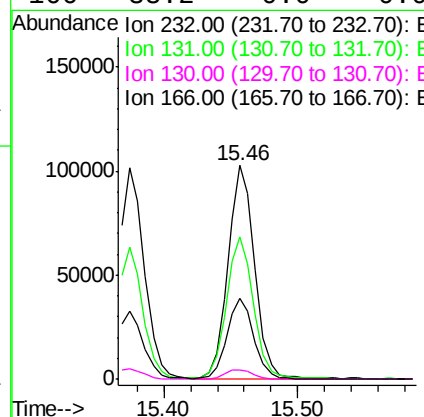
Manual Integrations
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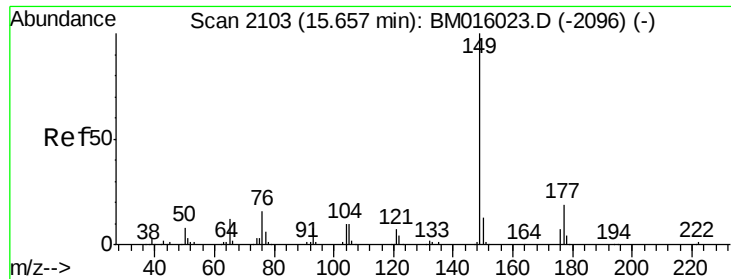
Sohil
 7/27/2018 2:05:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.700 ng
 RT: 15.46 min Scan# 2069
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	142647		
131	68.3	0.0	0.0#	
130	4.6	0.0	0.0#	
166	38.2	0.0	0.0#	





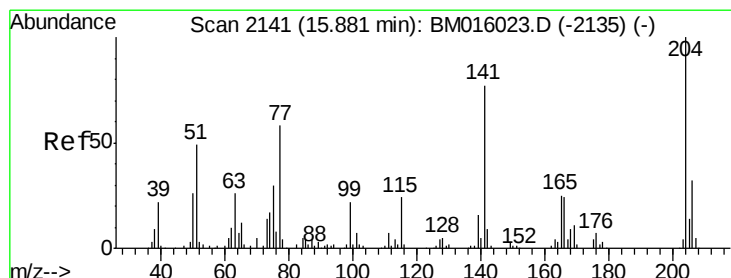
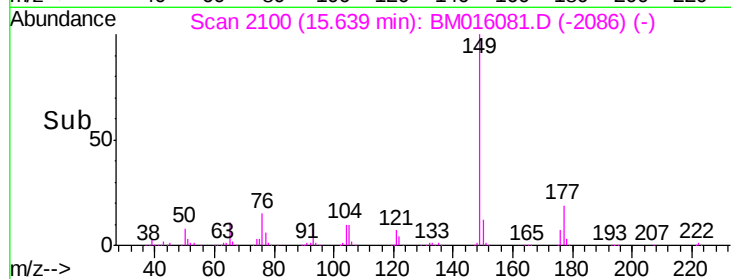
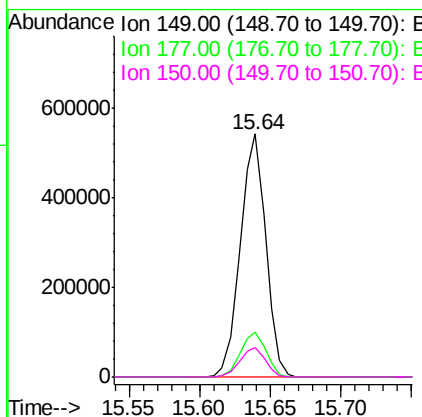
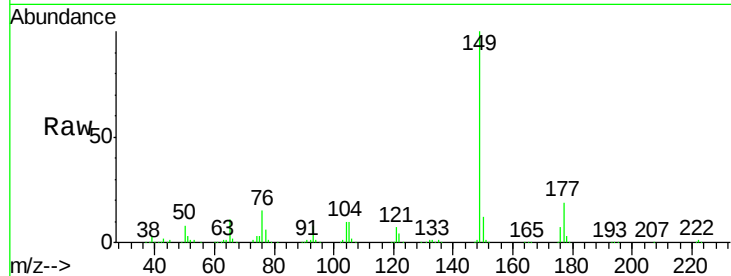
#59
 Diethylphthalate
 Concen: 46.758 ng
 RT: 15.64 min Scan# 2100
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	684098		
177	18.7	18.3	27.5	
150	12.3	9.8	14.8	

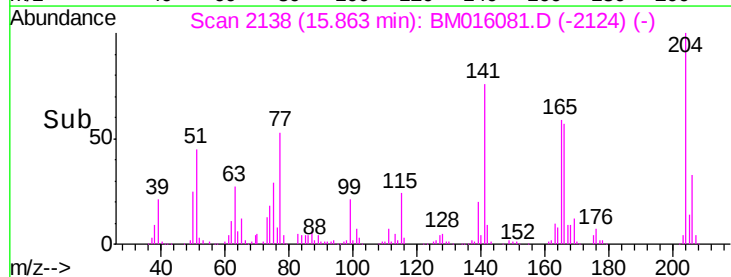
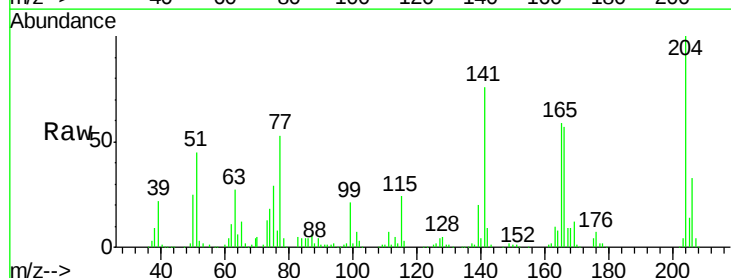
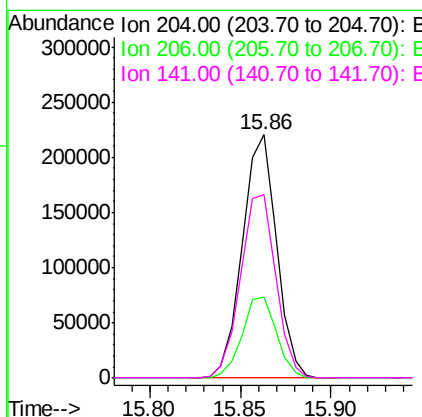
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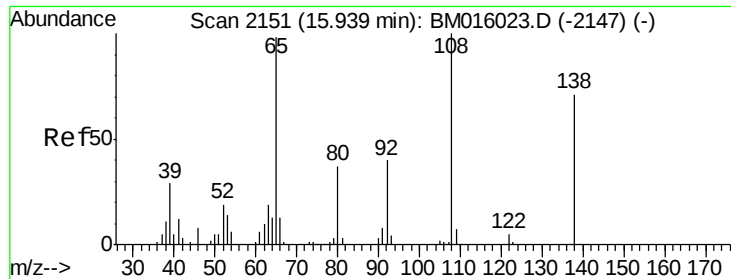
Sohil
 7/27/2018 2:05:03 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 43.385 ng
 RT: 15.86 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	289898		
206	33.5	26.6	39.8	
141	75.5	45.2	67.8	





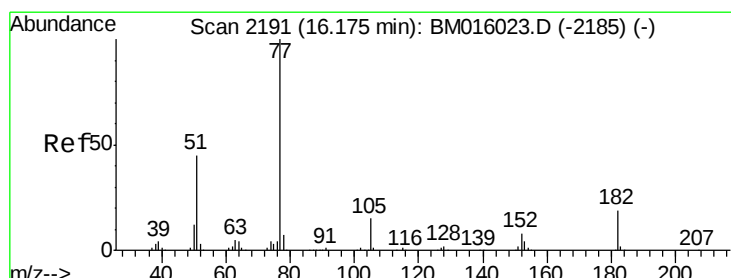
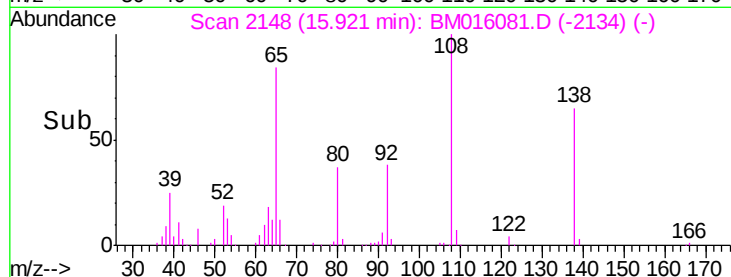
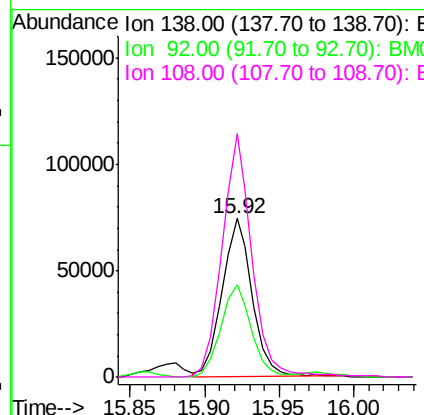
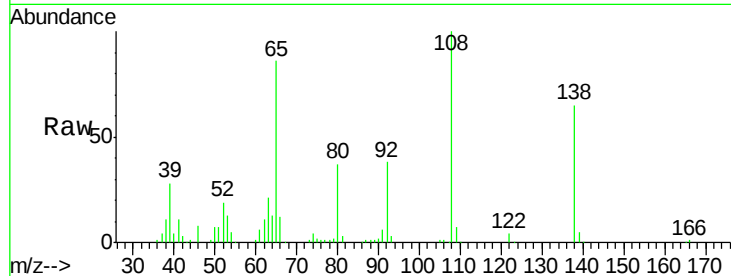
#61
4-Nitroaniline
Concen: 36.978 ng
RT: 15.92 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	16.7	56.7#
108	153.4	37.6	77.6#

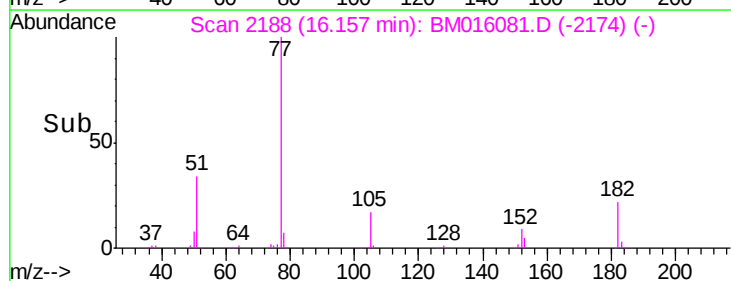
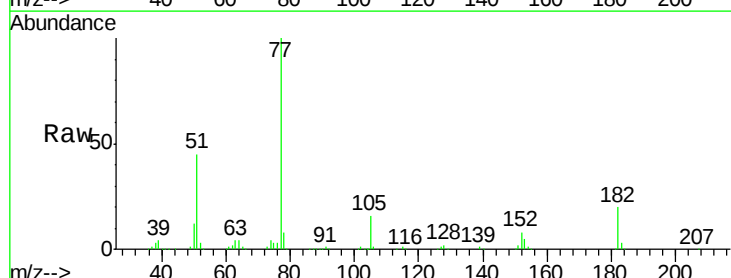
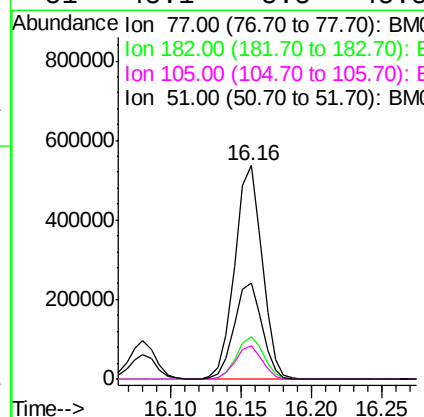
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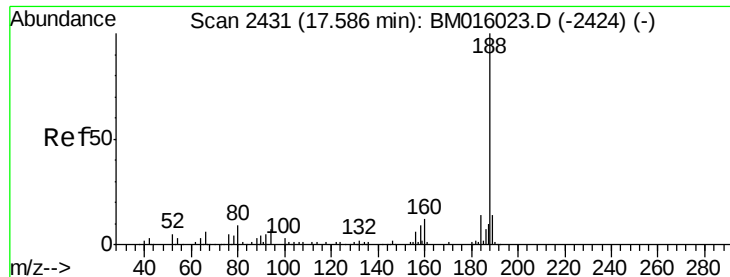
Sohil
7/27/2018 2:05:03 PM



#62
Azobenzene
Concen: 46.957 ng
RT: 16.16 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	6.5	46.5
105	15.6	3.8	43.8
51	45.1	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.56 min Scan# 2427

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

ClientSampleId :

PB111458BS

Tgt Ion:188 Resp: 318929

Ion Ratio Lower Upper

188 100

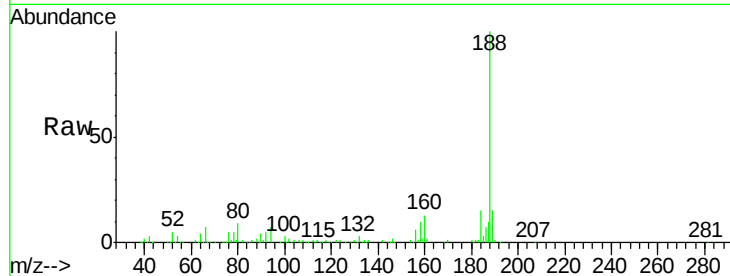
94 7.3 8.7 13.1#

80 9.1 9.3 13.9#

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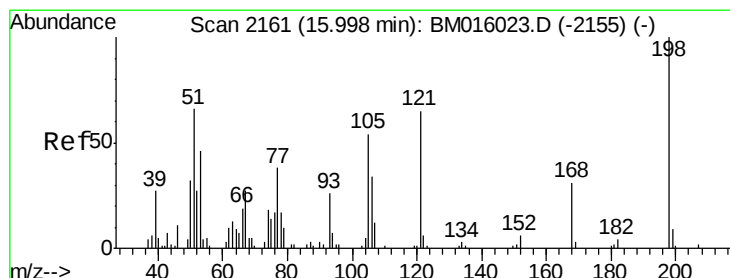
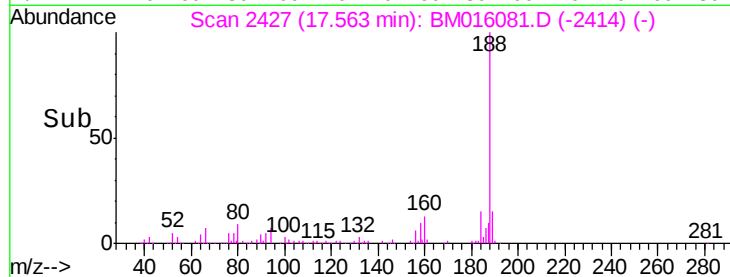
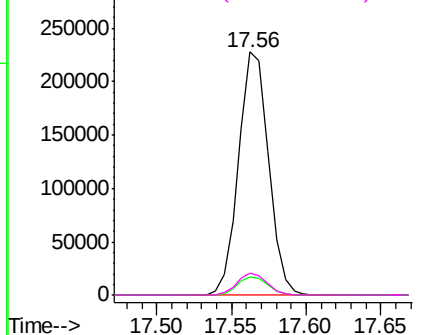
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 44.938 ng

RT: 15.98 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

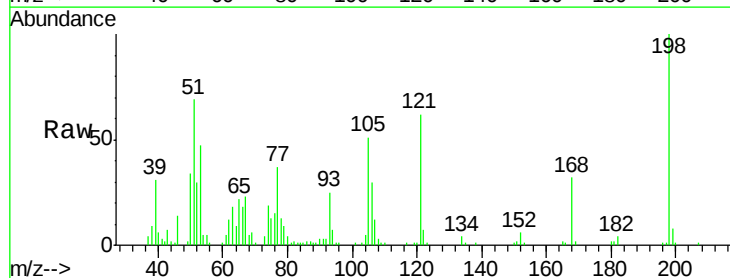
Tgt Ion:198 Resp: 86992

Ion Ratio Lower Upper

198 100

51 68.5 28.8 68.8

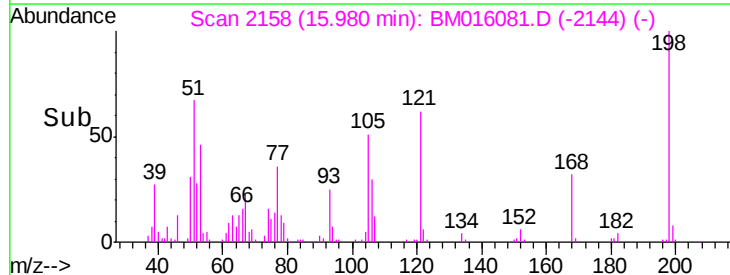
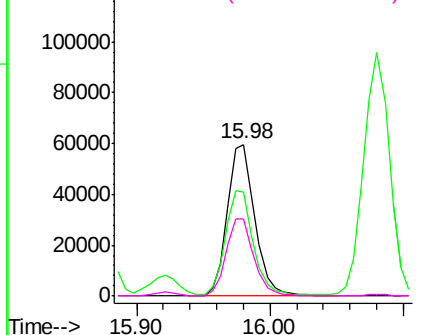
105 51.3 30.5 70.5

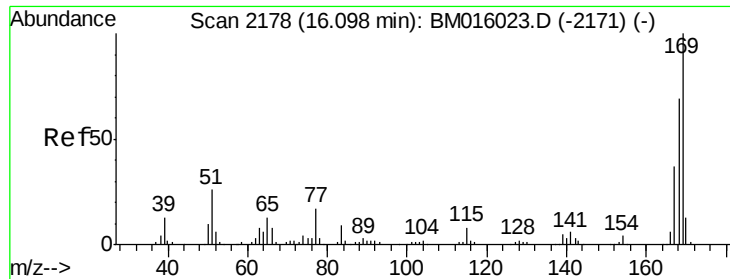


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





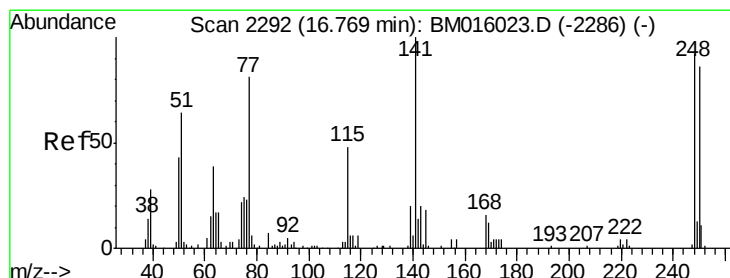
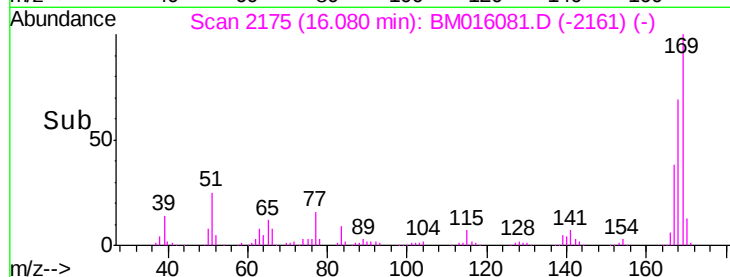
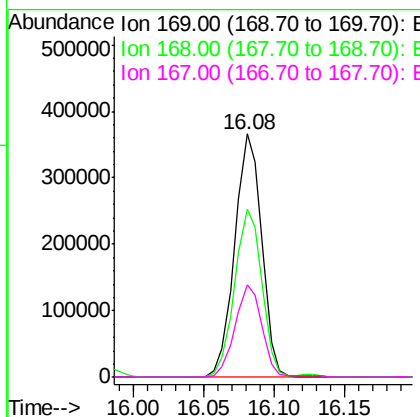
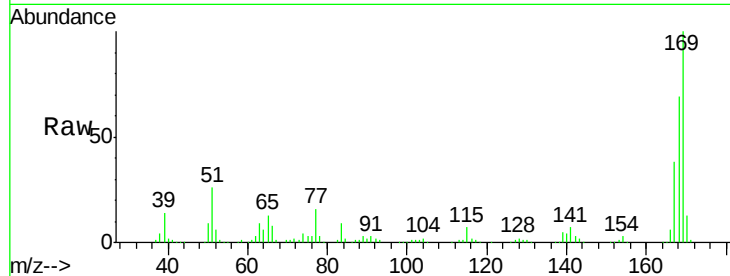
#65
n-Nitrosodiphenylamine
Concen: 46.571 ng
RT: 16.08 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	489081		
168	69.2	53.9	80.9	
167	38.1	28.9	43.3	

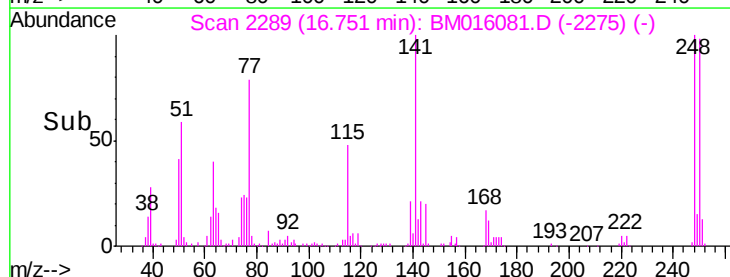
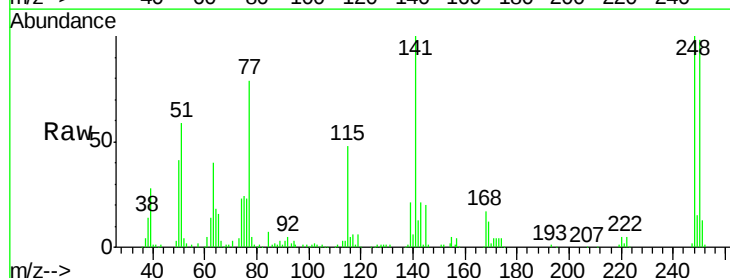
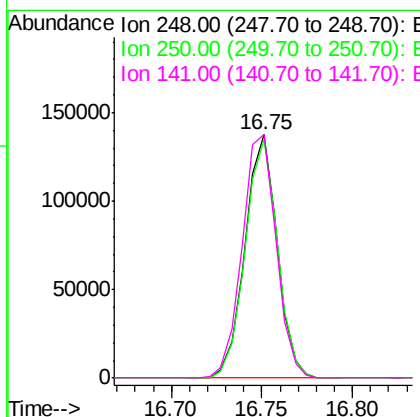
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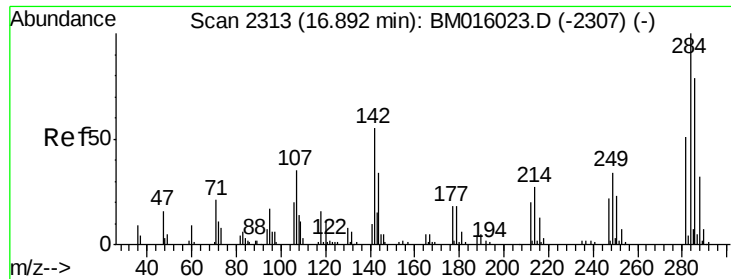
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 46.952 ng
RT: 16.75 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169562		
250	97.8	77.4	116.0	
141	99.9	45.2	67.8#	





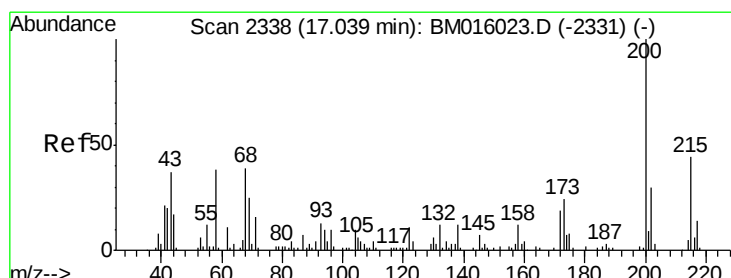
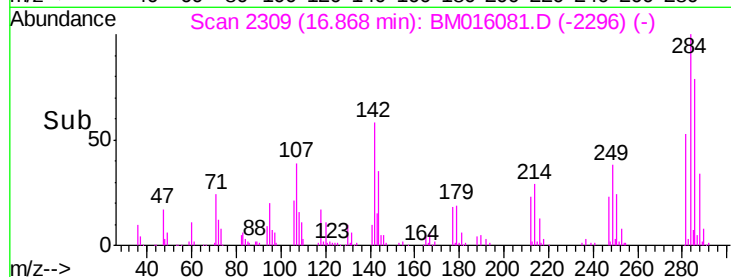
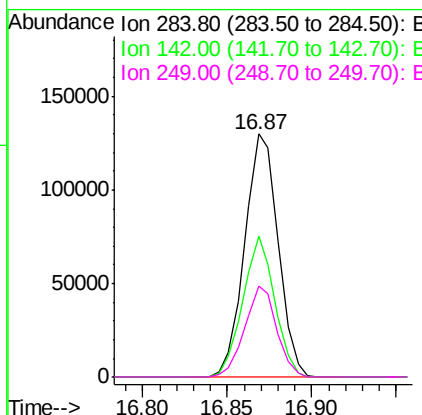
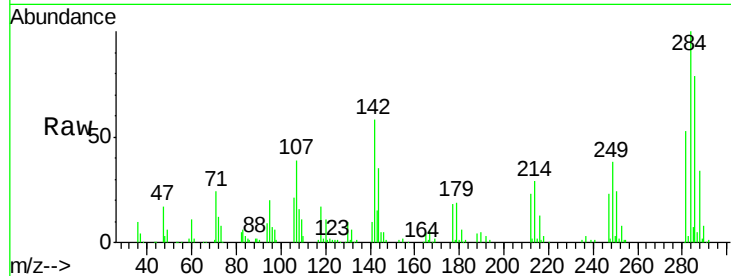
#67
Hexachlorobenzene
Concen: 45.206 ng
RT: 16.87 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	179783		
142	58.2	20.4	30.6#	
249	37.5	23.8	35.6#	

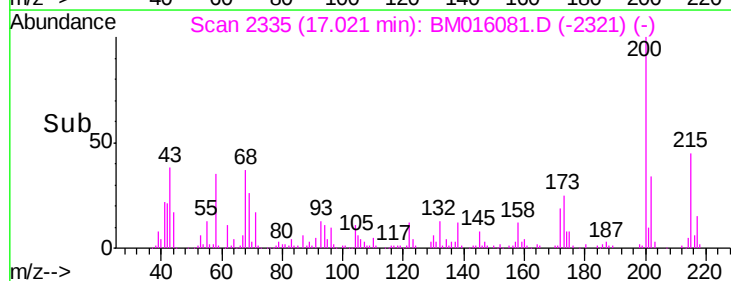
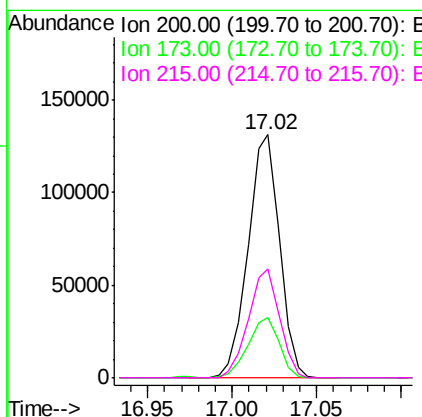
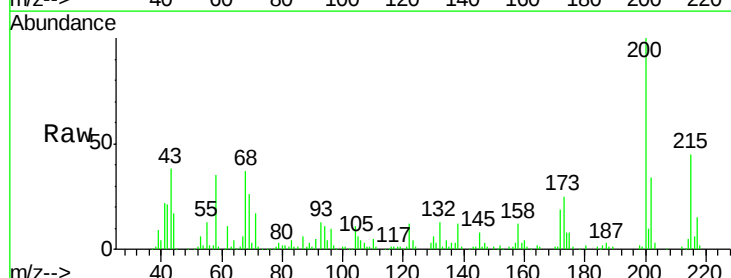
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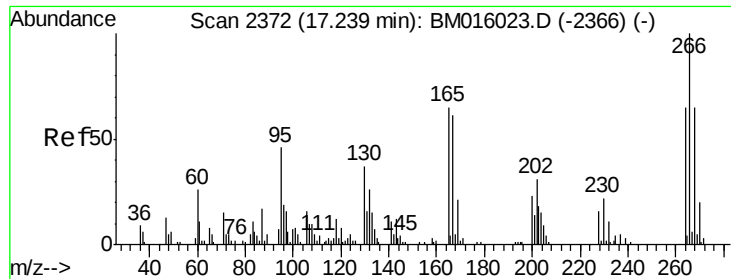
Sohil
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#68
Atrazine
Concen: 45.420 ng
RT: 17.02 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170955		
173	24.9	4.8	44.8	
215	44.8	26.9	66.9	





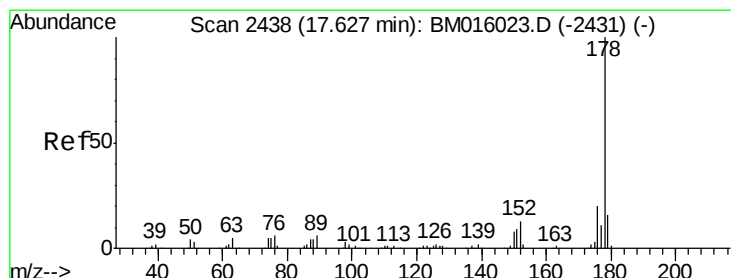
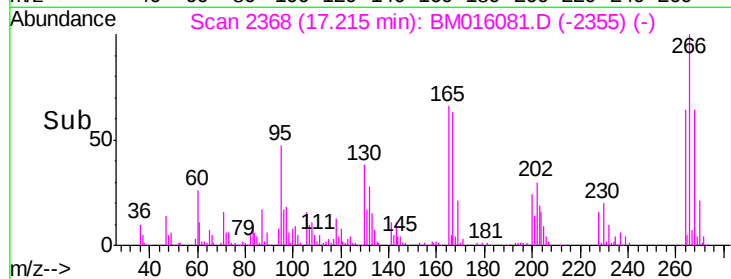
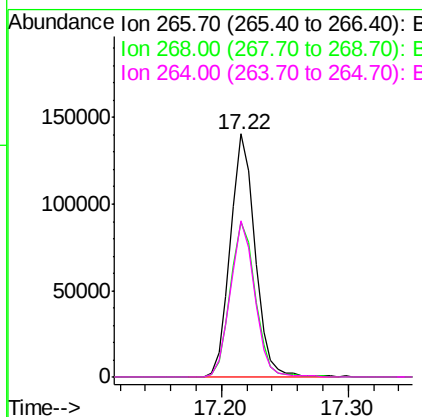
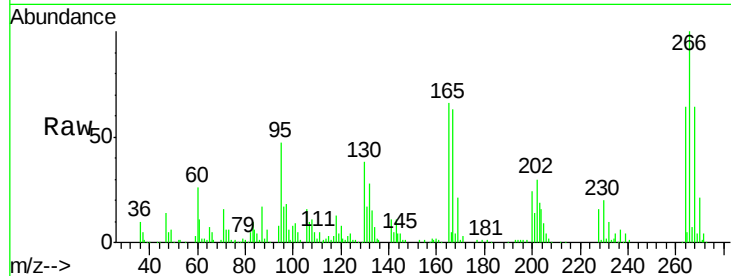
#69
 Pentachlorophenol
 Concen: 77.045 ng
 RT: 17.22 min Scan# 2368
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	189736		
268	63.5	52.0	78.0	
264	64.4	49.0	73.4	

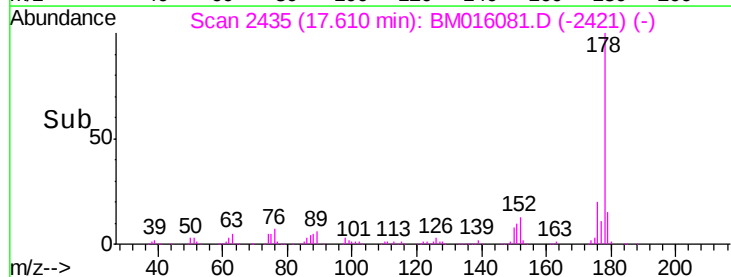
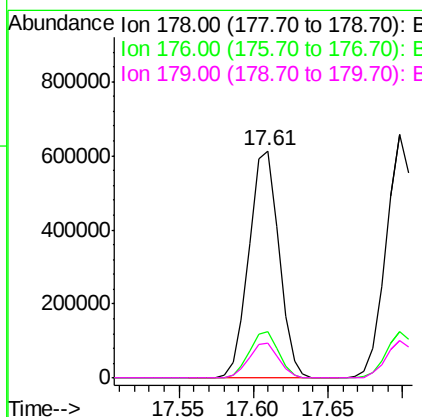
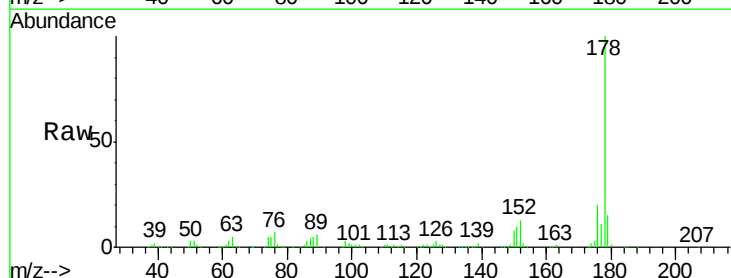
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#70
 Phenanthrene
 Concen: 47.771 ng
 RT: 17.61 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	852978		
176	20.2	15.2	22.8	
179	15.1	12.1	18.1	





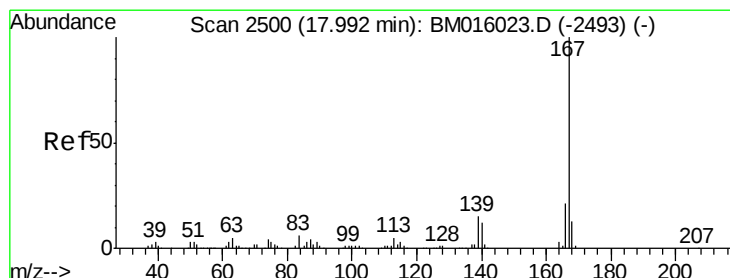
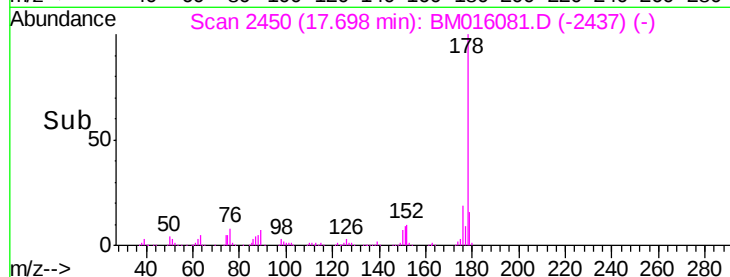
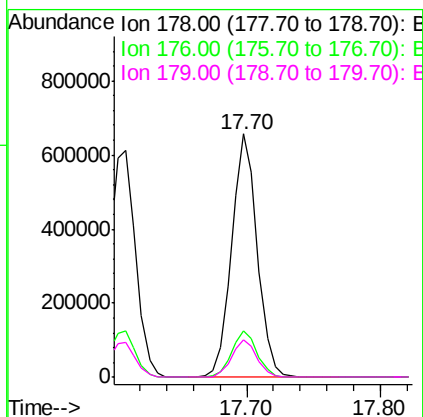
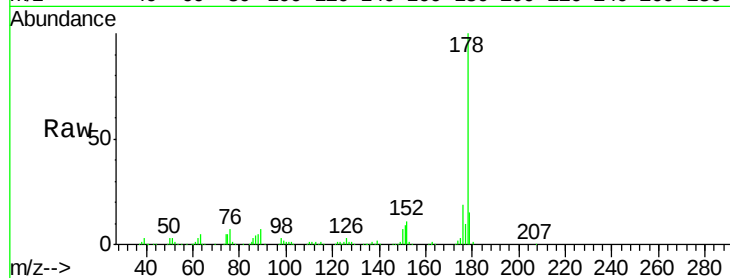
#71
 Anthracene
 Concen: 50.419 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

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

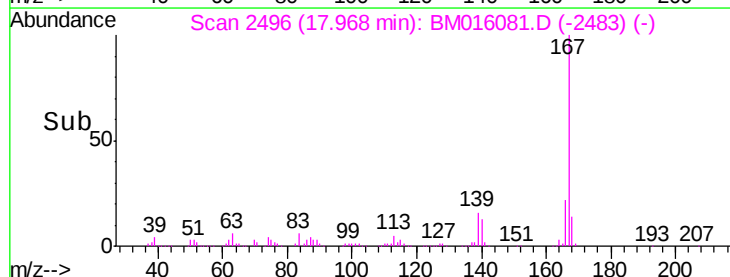
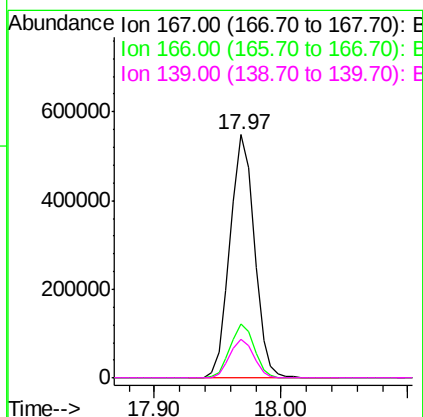
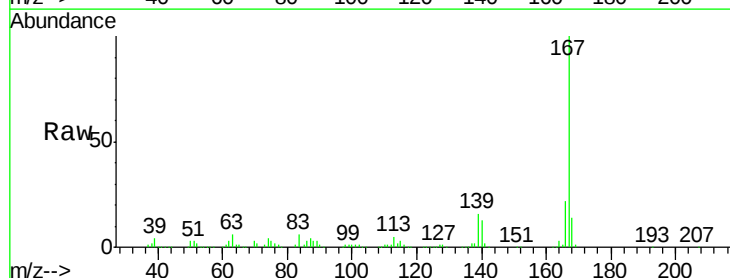
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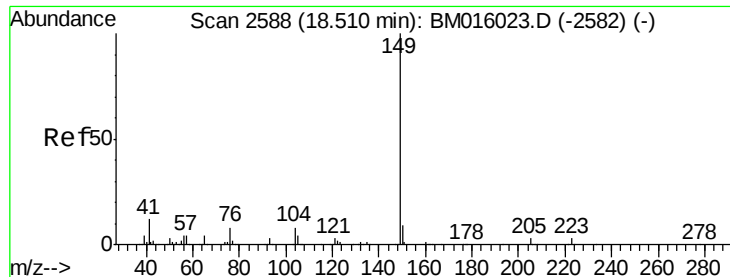
Sohil
 7/27/2018 2:05:03 PM



#72
 Carbazole
 Concen: 40.813 ng
 RT: 17.97 min Scan# 2496
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	16.1	10.8	16.2





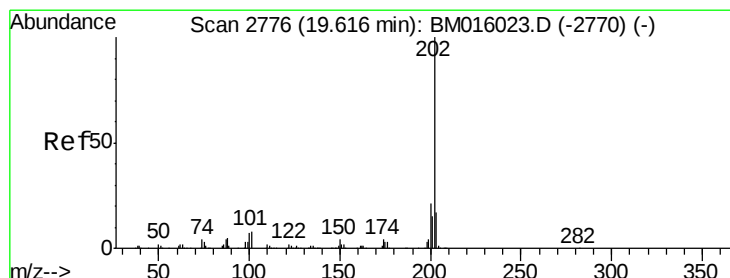
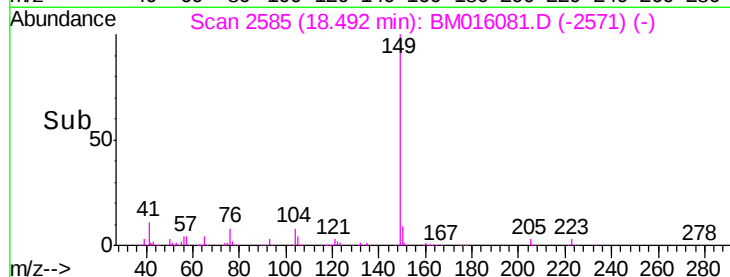
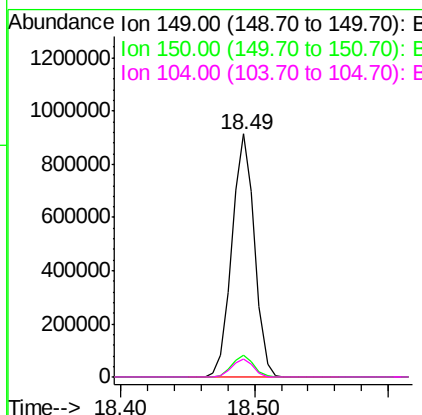
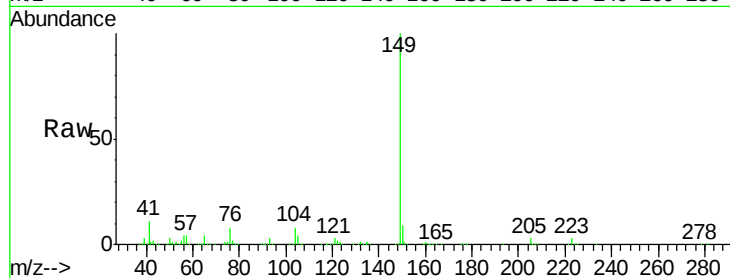
#73
Di-n-butylphthalate
Concen: 48.151 ng
RT: 18.49 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	7.5	3.7	5.5

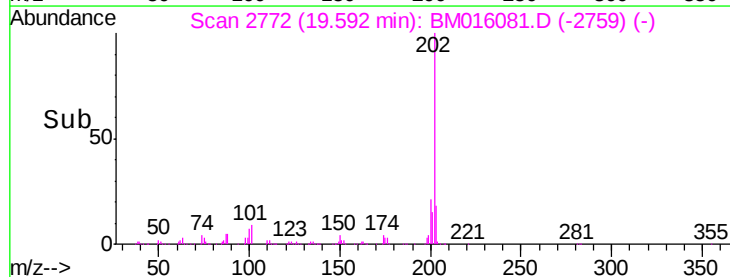
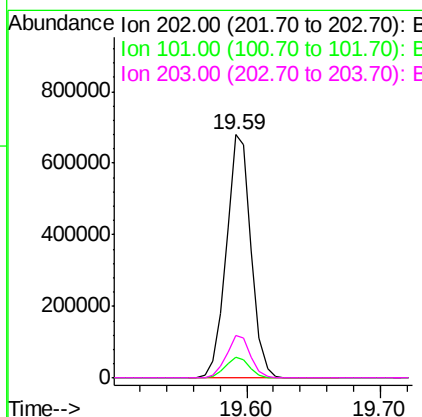
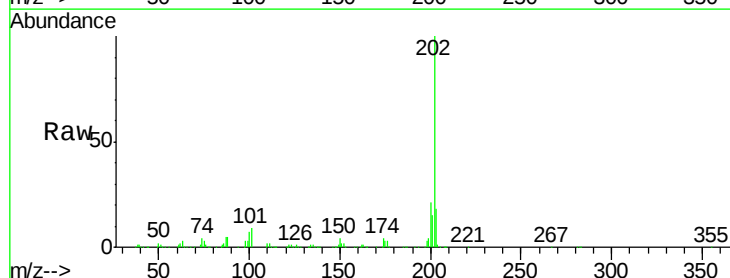
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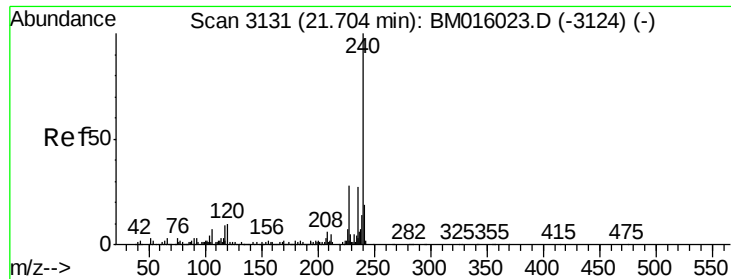
Sohil
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#74
Fluoranthene
Concen: 44.203 ng
RT: 19.59 min Scan# 2772
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.7
203	17.5	0.0	37.2





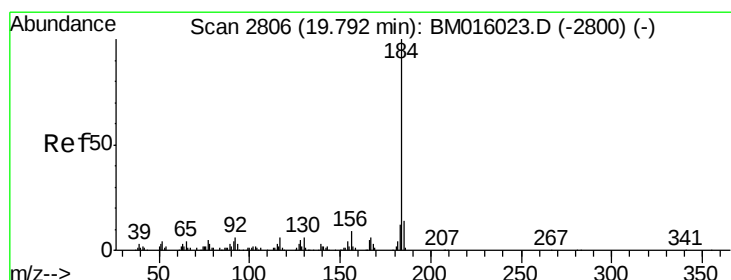
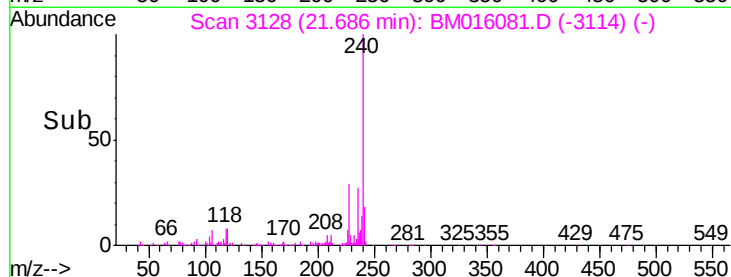
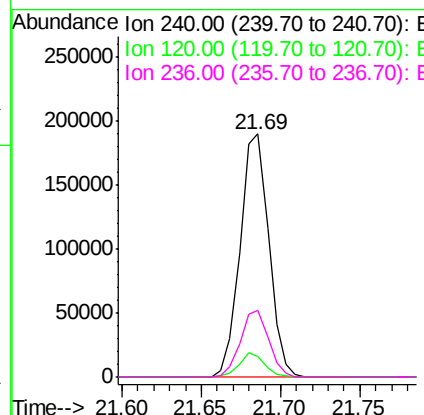
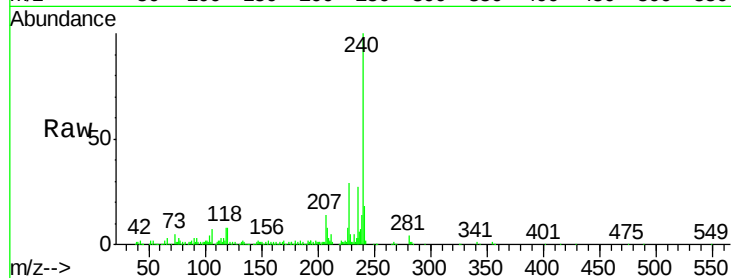
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	238549		
120	8.4		8.2	12.2
236	27.3		20.0	30.0

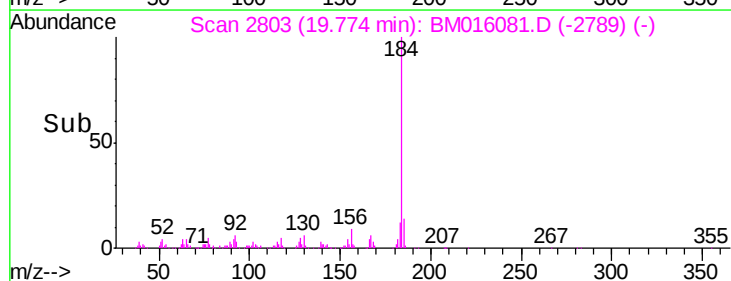
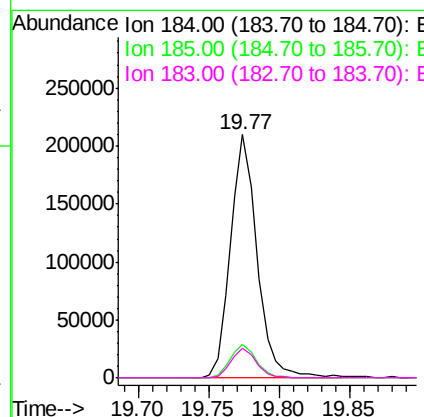
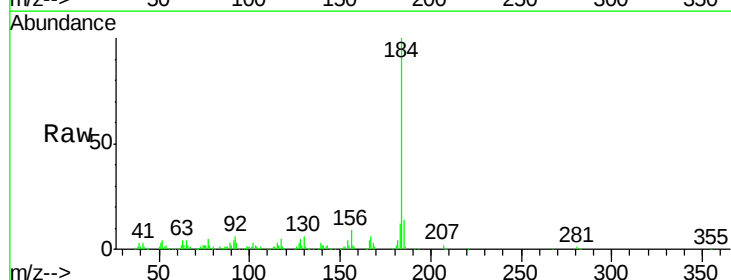
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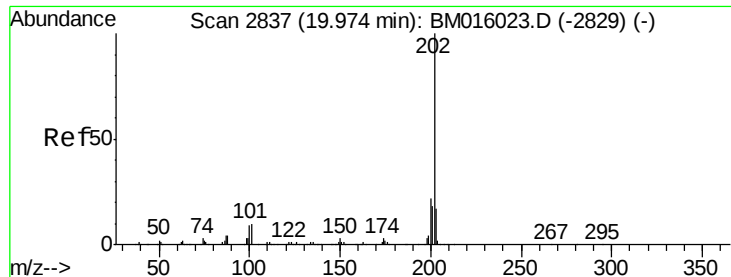
Sohil
7/27/2018 2:05:03 PM



#76
Benzidine
Concen: 41.484 ng
RT: 19.77 min Scan# 2803
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	276537		
185	14.0		11.3	16.9
183	12.5		8.9	13.3





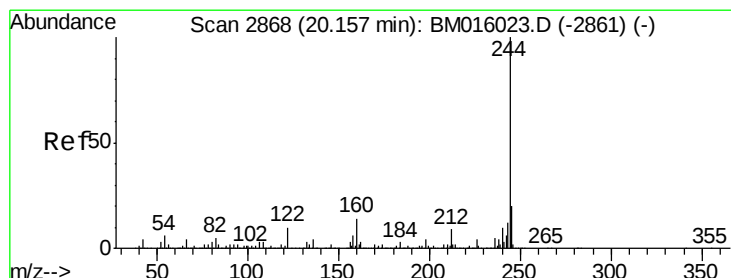
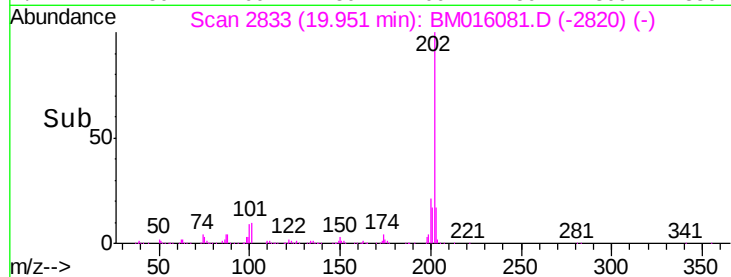
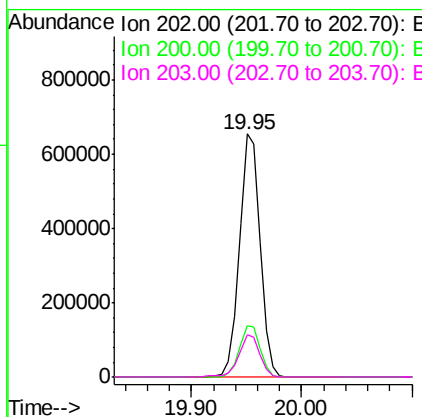
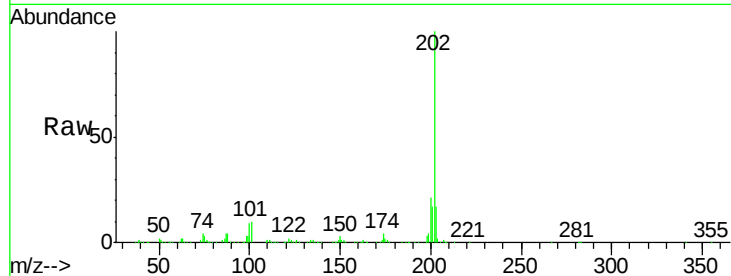
#77
 Pyrene
 Concen: 60.384 ng
 RT: 19.95 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	863224		
200	21.4	16.9	25.3	
203	17.3	14.1	21.1	

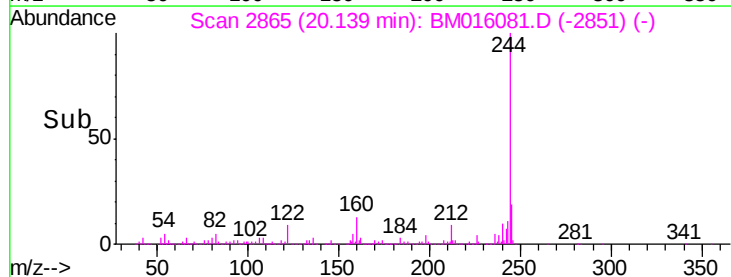
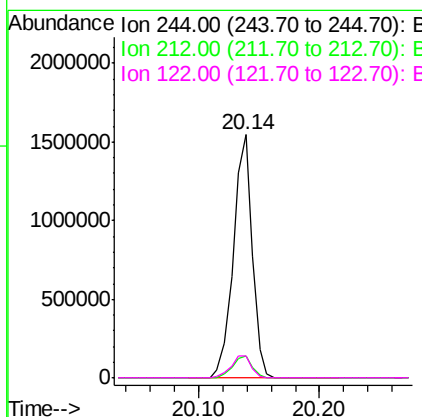
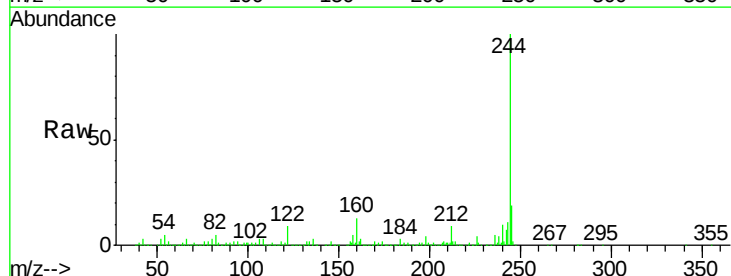
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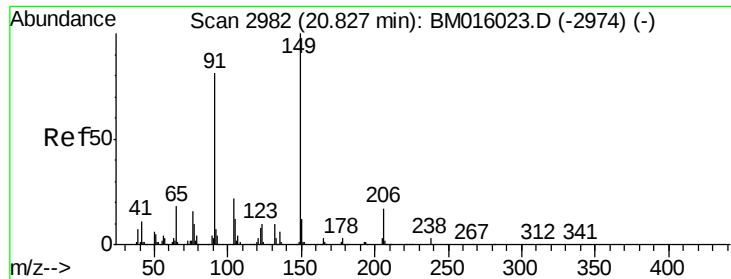
Sohil
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#78
 Terphenyl-d14
 Concen: 60.384 ng
 RT: 20.14 min Scan# 2865
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1684445		
212	9.0	4.9	7.3#	
122	9.0	6.2	9.4	





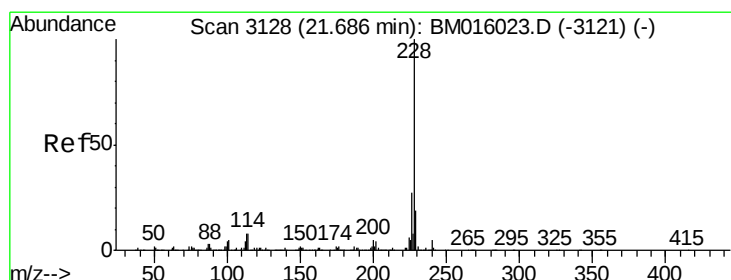
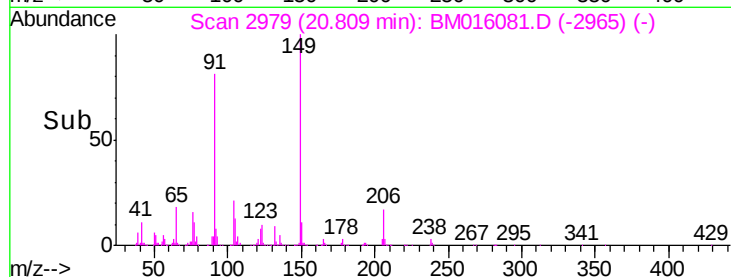
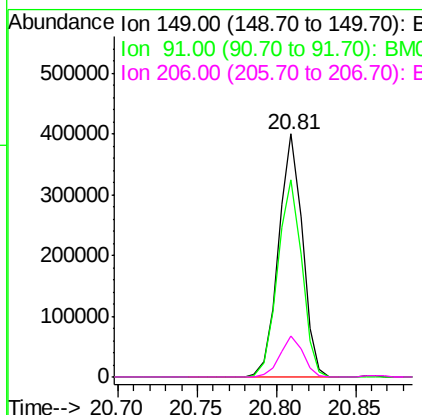
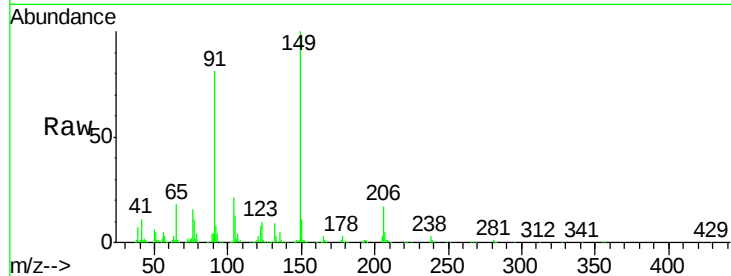
#79
Butylbenzylphthalate
Concen: 57.795 ng
RT: 20.81 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.2	50.1	75.1#
206	17.1	16.2	24.2

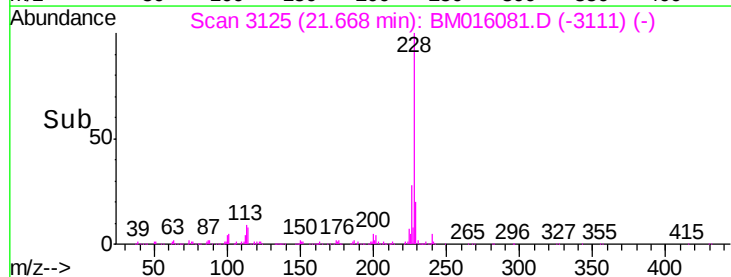
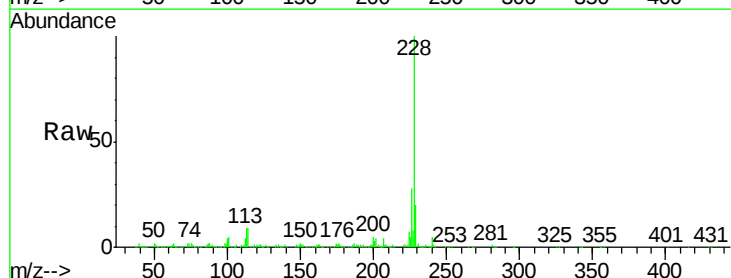
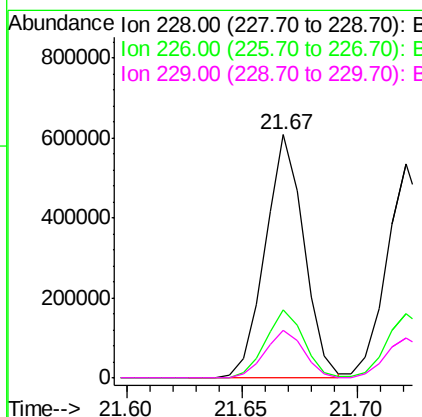
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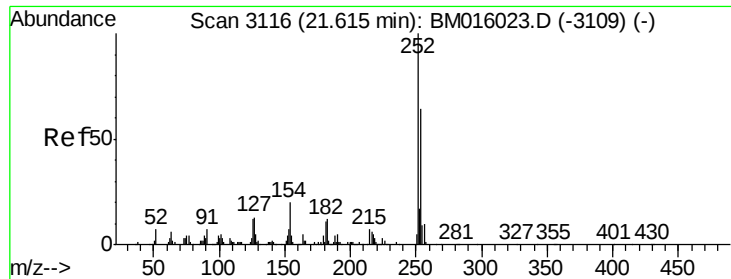
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#80
Benzo(a)anthracene
Concen: 48.103 ng
RT: 21.67 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.5	16.0	24.0





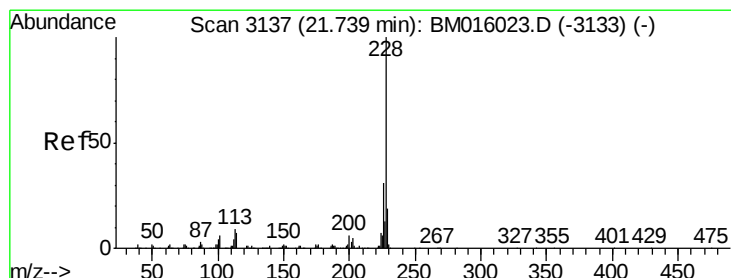
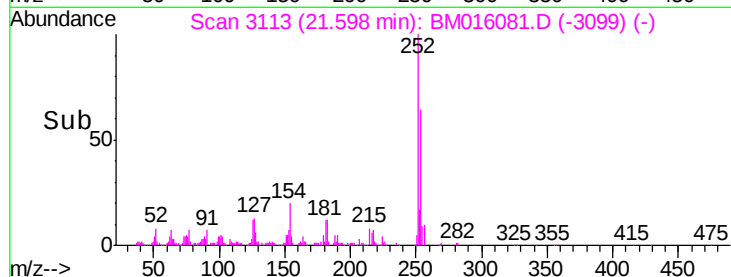
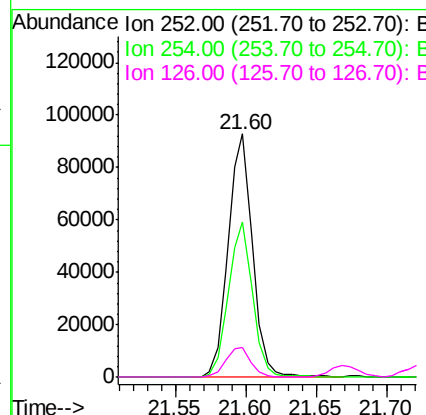
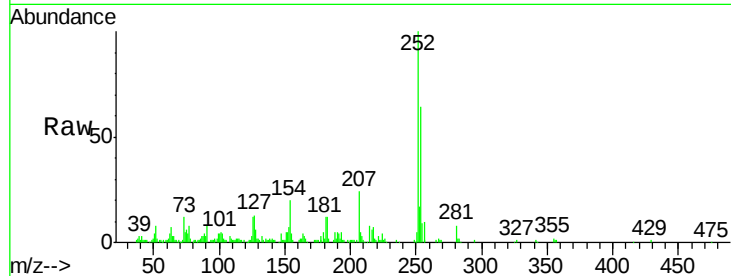
#81
 3,3'-Dichlorobenzidine
 Concen: 18.788 ng
 RT: 21.60 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	111188		
254	64.0	51.9	77.9	
126	12.3	9.8	14.8	

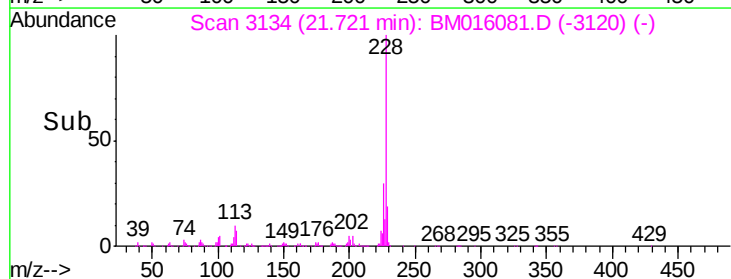
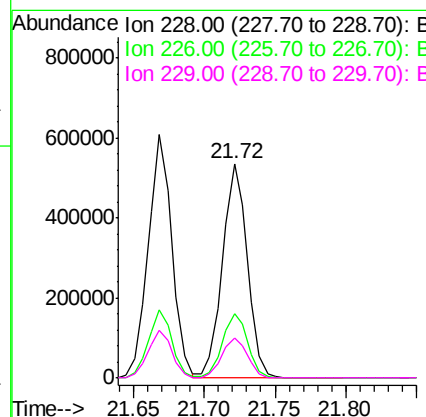
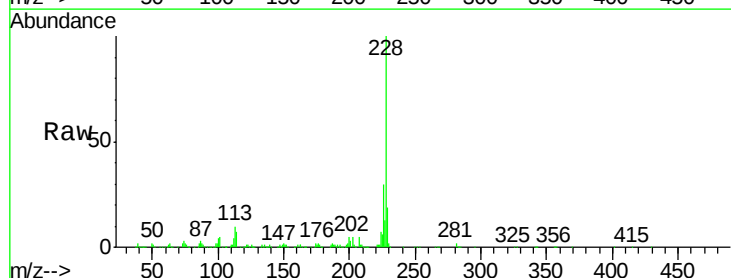
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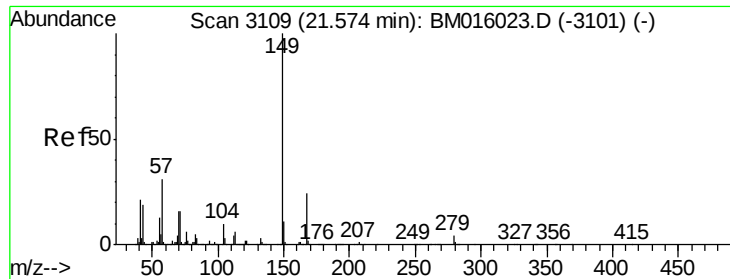
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#82
 Chrysene
 Concen: 46.490 ng
 RT: 21.72 min Scan# 3134
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	655219		
226	30.2	24.1	36.1	
229	18.8	15.5	23.3	





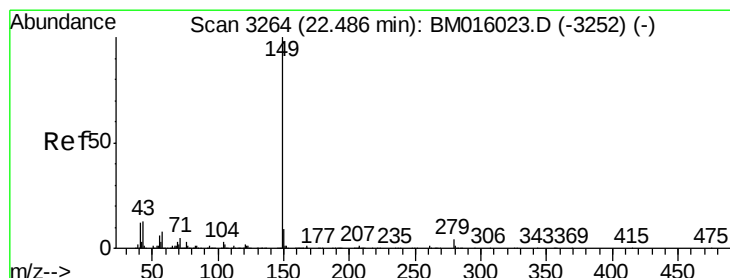
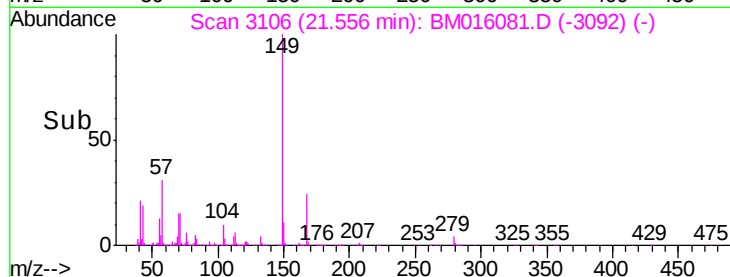
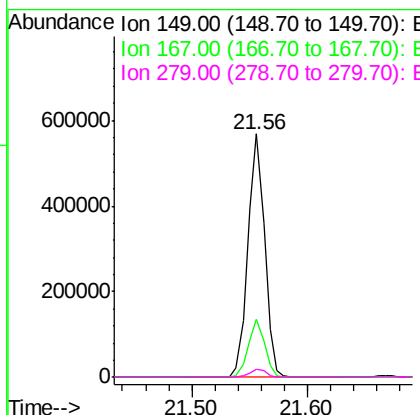
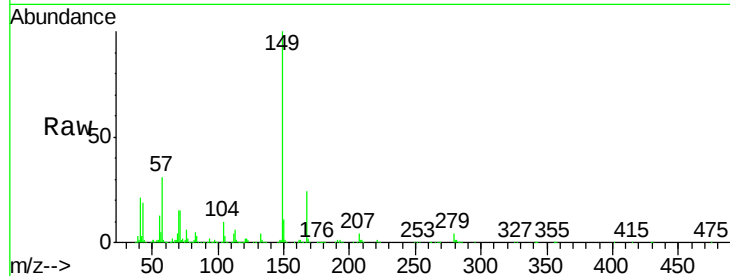
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.918 ng
 RT: 21.56 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	567479		
167	24.0		22.4	33.6
279	3.5		3.4	5.0

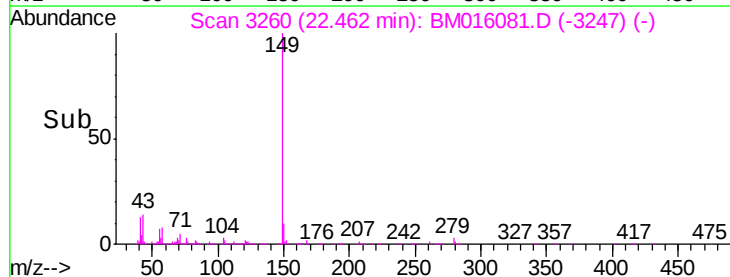
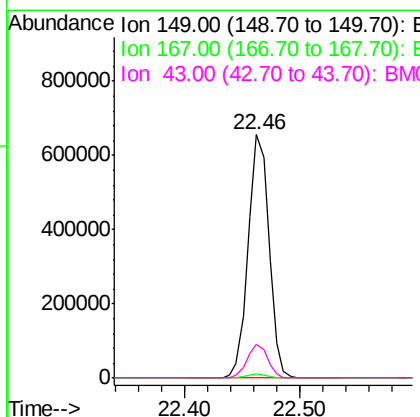
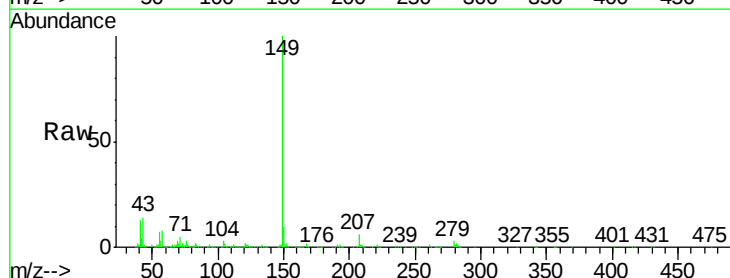
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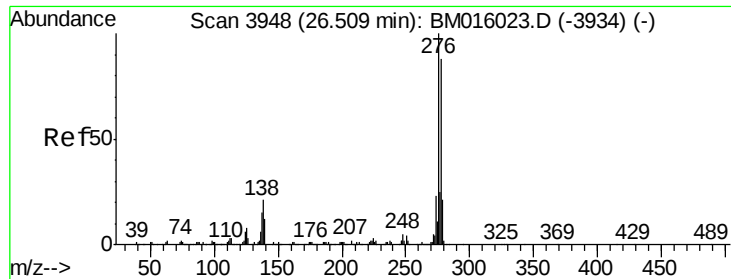
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#84
 Di-n-octyl phthalate
 Concen: 46.350 ng
 RT: 22.46 min Scan# 3260
 Delta R.T. -0.02 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	819873		
167	1.6		1.2	1.8
43	13.7		7.3	10.9#





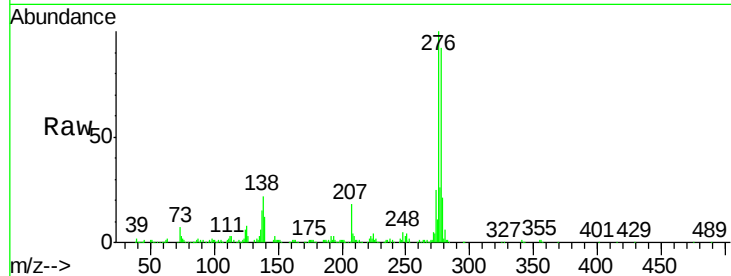
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.633 ng
 RT: 26.46 min Scan# 3940
 Delta R.T. -0.05 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

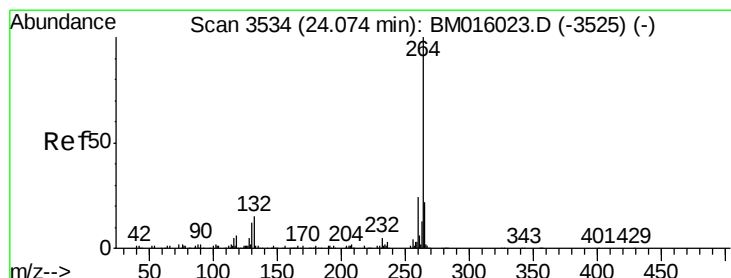
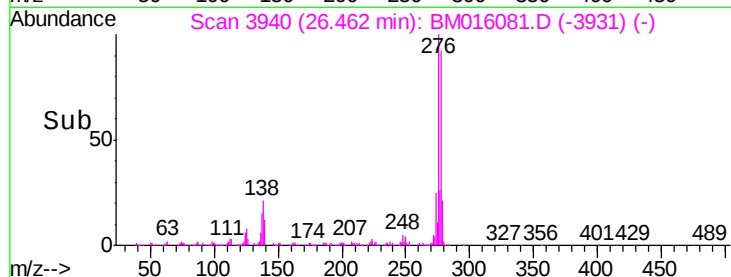
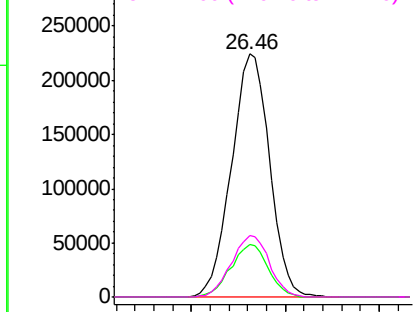
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	12.0	18.0#
277	25.6	20.0	30.0

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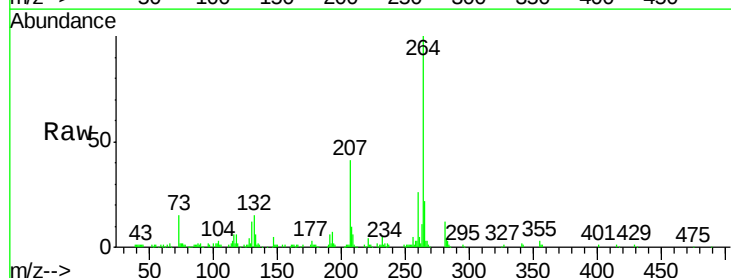


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

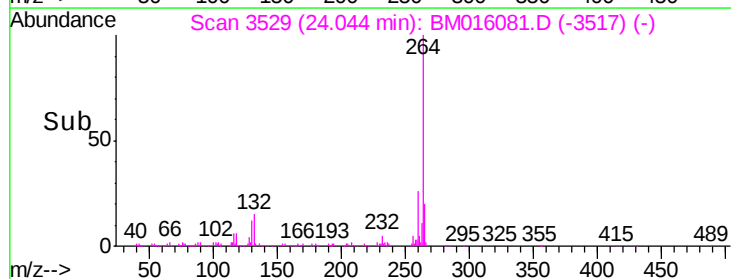
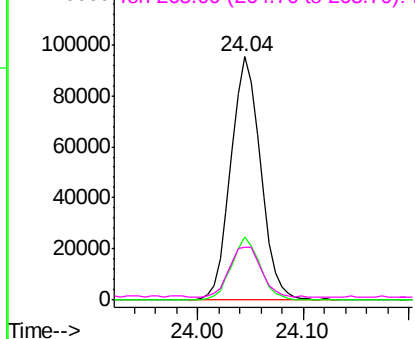


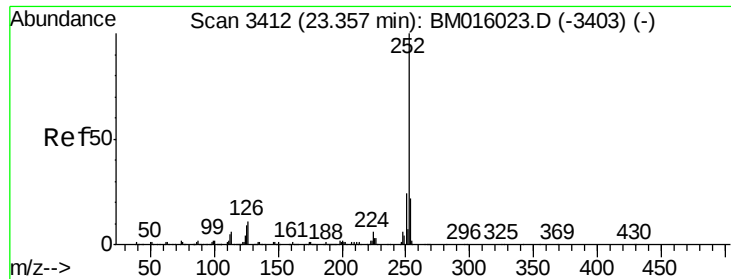
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.04 min Scan# 3529
 Delta R.T. -0.03 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.6	27.8
265	21.8	17.3	25.9



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





#87

Benzo(b)fluoranthene

Concen: 51.926 ng

RT: 23.33 min Scan# 3407

Delta R.T. -0.03 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Instrument :

BNA_M

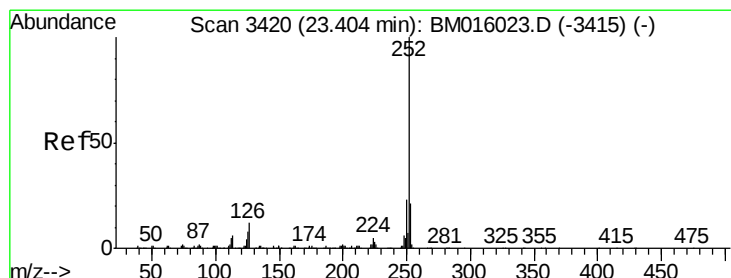
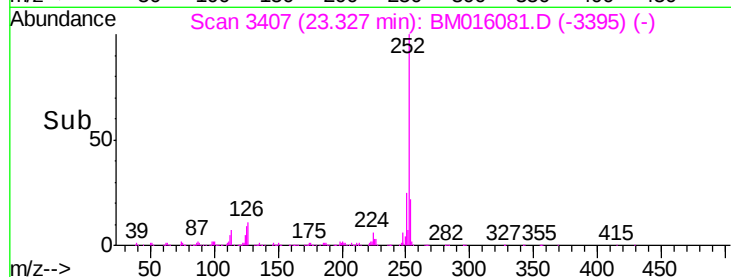
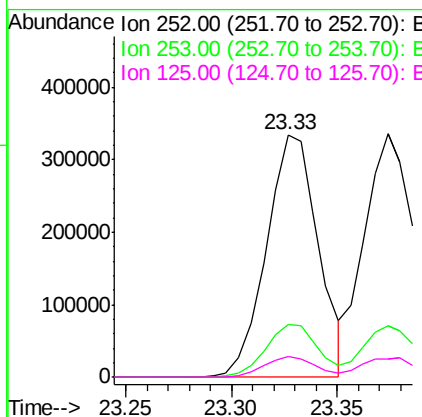
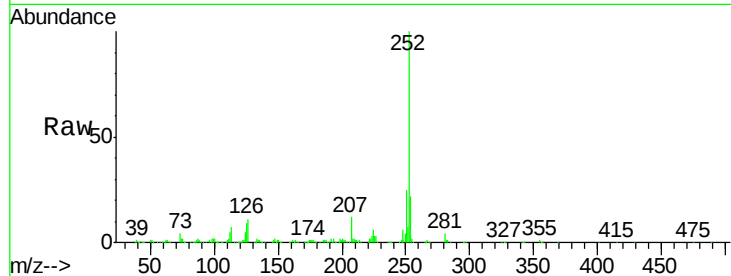
ClientSampleId :

PB111458BS

Tgt Ion:	252	Resp:	570010
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	8.8	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 50.179 ng m

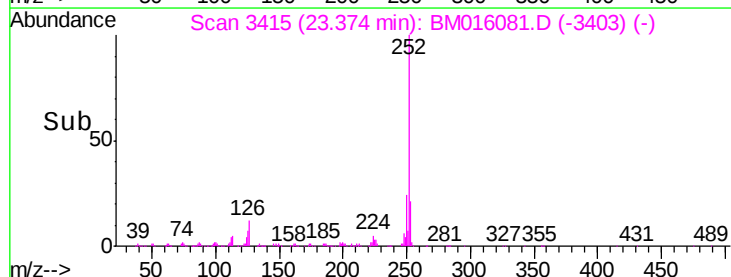
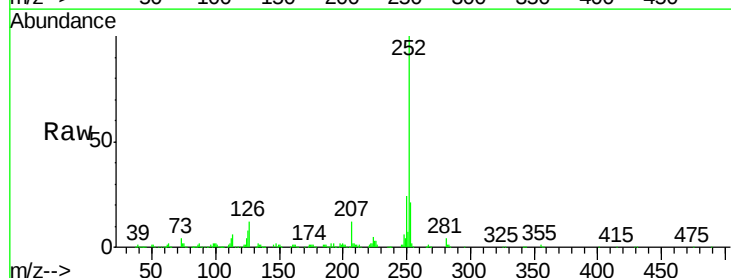
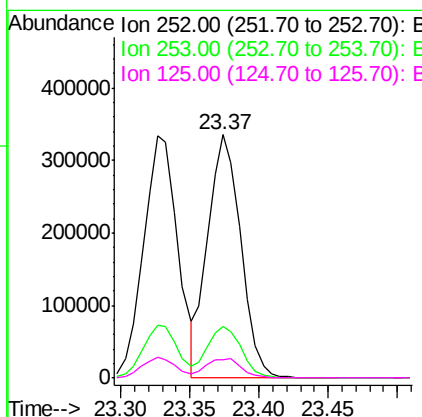
RT: 23.37 min Scan# 3415

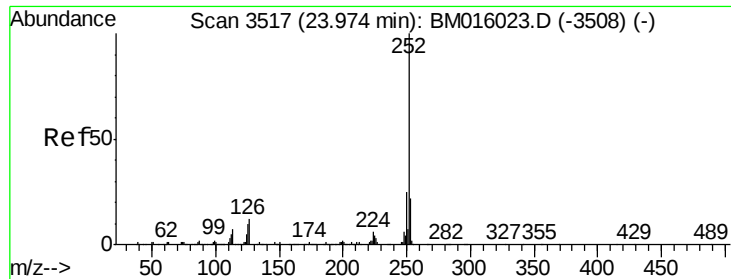
Delta R.T. -0.03 min

Lab File: BM016081.D

Acq: 26 Jul 2018 20:35

Tgt Ion:	252	Resp:	558245
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	7.7	8.1	12.1#





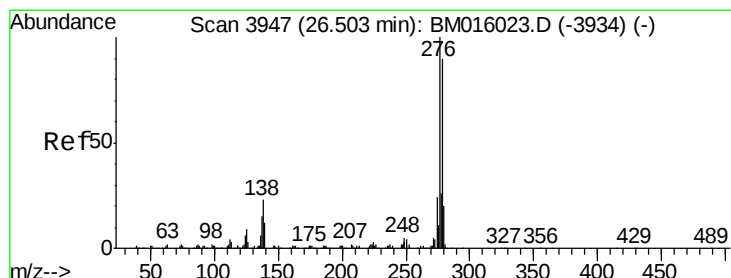
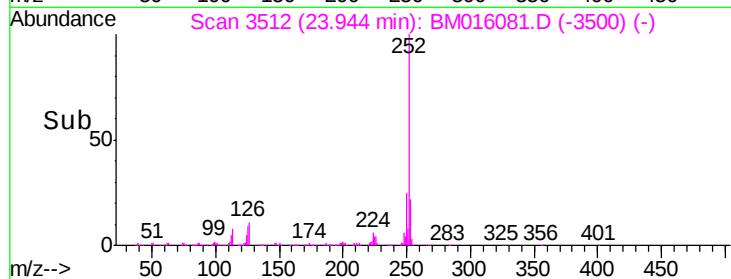
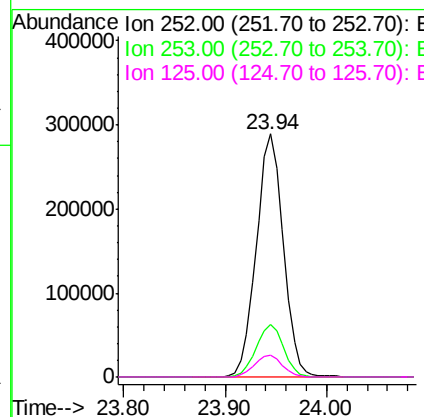
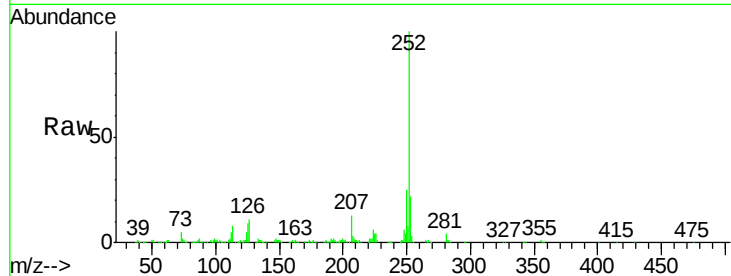
#89
Benzo(a)pyrene
Concen: 50.794 ng
RT: 23.94 min Scan# 3512
Delta R.T. -0.03 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Instrument :
BNA_M
ClientSampleId :
PB111458BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	17.6	26.4
125	9.1	7.4	11.2

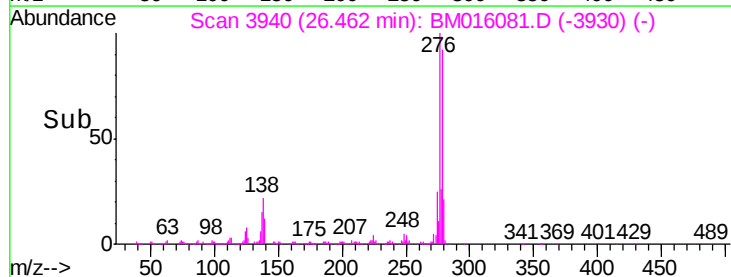
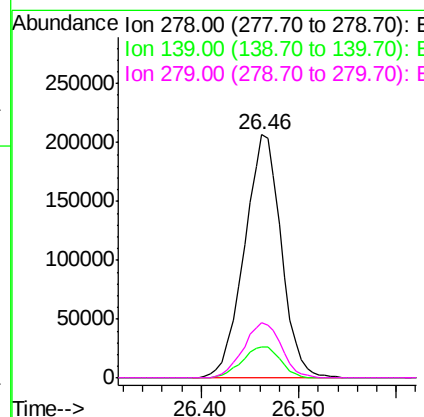
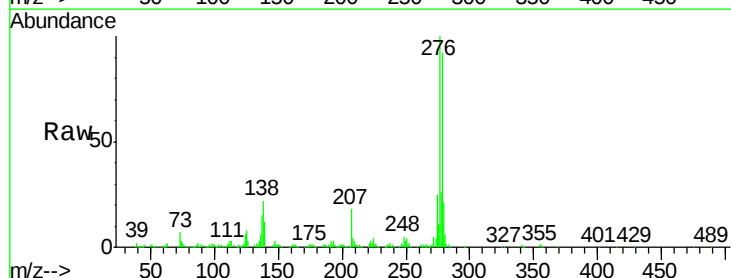
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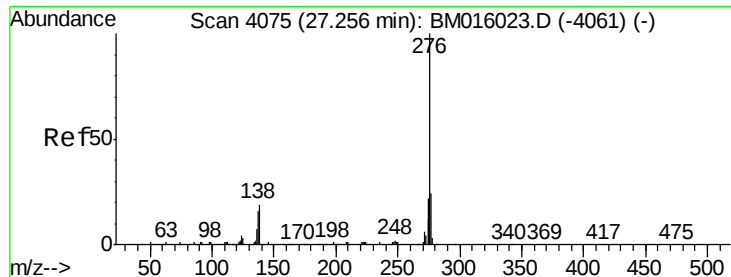
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 49.629 ng
RT: 26.46 min Scan# 3940
Delta R.T. -0.04 min
Lab File: BM016081.D
Acq: 26 Jul 2018 20:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	12.9	13.4	20.0#
279	22.8	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 49.869 ng
 RT: 27.21 min Scan# 4067
 Delta R.T. -0.05 min
 Lab File: BM016081.D
 Acq: 26 Jul 2018 20:35

Instrument :
 BNA_M
 ClientSampleId :
 PB111458BS

Tgt Ion:	276	Resp:	515698
Ion Ratio		Lower	Upper
276	100		
277	22.6	18.5	27.7
138	17.9	19.0	28.6

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