

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111518\
 Data File : BM017666.D
 Acq On : 15 Nov 2018 18:35
 Operator : MJ/SJ
 Sample : PB114851BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Manual Integrations
 APPROVED

Sohil
 11/16/2018 3:57:23 PM

Quant Time: Nov 16 10:25:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	236467	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1019002	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	604369	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1364221	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1327044	20.00	ng	0.00
87) Perylene-d12	23.40	264	1128492	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	3417238	243.89	ng	0.00
7) Phenol-d6	6.82	99	4734067	241.91	ng	0.01
23) Nitrobenzene-d5	8.77	82	2957135	149.82	ng	0.00
42) 2,4,6-Tribromophenol	15.77	330	2245524	258.58	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	7386630	158.56	ng	0.00
79) Terphenyl-d14	19.66	244	10455242	178.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	246772	42.288	ng	99
3) Pyridine	3.61	79	861700	50.341	ng	94
4) n-Nitrosodimethylamine	3.53	42	541307	71.789	ng	98
6) Aniline	6.96	93	928152	38.246	ng	99
8) 2-Chlorophenol	7.19	128	1404221	83.740	ng	99
9) Benzaldehyde	6.77	77	581915	40.820	ng	99
10) Phenol	6.84	94	1758860	85.629	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	1160931	71.595	ng	99
12) 1,3-Dichlorobenzene	7.50	146	1258843	66.912	ng	98
13) 1,4-Dichlorobenzene	7.65	146	1313323	68.105	ng	98
14) 1,2-Dichlorobenzene	7.96	146	1298621	69.451	ng	99
15) Benzyl Alcohol	7.87	79	1290981	82.837	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1597925	64.724	ng	96
17) 2-Methylphenol	8.06	107	1193565	86.257	ng	97
18) Hexachloroethane	8.67	117	483064	71.075	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	1079211	76.805	ng	97
20) 3+4-Methylphenols	8.40	107	1653729	86.017	ng	99
22) Acetophenone	8.44	105	2048515	80.547	ng	# 98
24) Nitrobenzene	8.82	77	1579096	78.850	ng	100
25) Isophorone	9.34	82	2883351	94.578	ng	100
26) 2-Nitrophenol	9.52	139	788048	85.430	ng	100
27) 2,4-Dimethylphenol	9.58	122	1365992	102.750	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1801945	87.270	ng	99
29) 2,4-Dichlorophenol	10.05	162	1447606	93.803	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	1410045	78.559	ng	97
31) Naphthalene	10.43	128	4340900	86.643	ng	99
32) Benzoic acid	9.81	122	922018	76.562	ng	99
33) 4-Chloroaniline	10.56	127	267334	12.184	ng	99
34) Hexachlorobutadiene	10.71	225	830583	74.539	ng	100
35) Caprolactam	11.40	113	467363m	82.236	ng	
36) 4-Chloro-3-methylphenol	11.70	107	1635186	91.774	ng	97
37) 2-Methylnaphthalene	12.06	142	3357022	94.805	ng	99
38) 1-Methylnaphthalene	12.28	142	3188297	91.830	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1716274	80.532	ng	99

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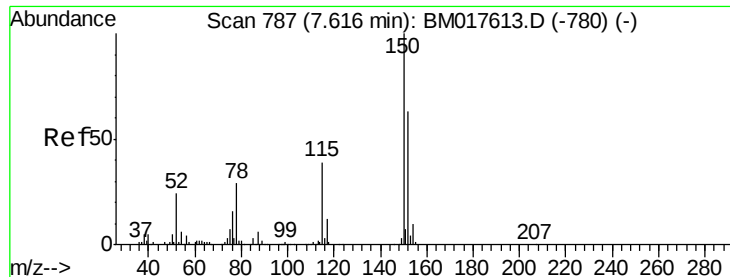
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Quant Time: Nov 16 10:25:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	2241252	203.520	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	1219864	91.383	ng	97
44) 2,4,5-Trichlorophenol	12.75	196	1299217	92.177	ng	97
46) 1,1'-Biphenyl	13.09	154	4340153	80.004	ng	99
47) 2-Chloronaphthalene	13.13	162	3375246	83.824	ng	99
48) 2-Nitroaniline	13.35	65	1066395	85.637	ng	98
49) Acenaphthylene	13.98	152	5650782	93.405	ng	100
50) Dimethylphthalate	13.74	163	4344561	88.417	ng	99
51) 2,6-Dinitrotoluene	13.86	165	992719	90.728	ng	99
52) Acenaphthene	14.33	154	3270875	88.098	ng	100
53) 3-Nitroaniline	14.19	138	326285	27.390	ng	96
54) 2,4-Dinitrophenol	14.40	184	1222572	173.845	ng	97
55) Dibenzofuran	14.66	168	5290019	87.187	ng	98
56) 4-Nitrophenol	14.52	139	1746252	168.545	ng	97
57) 2,4-Dinitrotoluene	14.65	165	1399147	94.863	ng	97
58) Fluorene	15.32	166	4385158	94.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	1252530	96.616	ng	99
60) Diethylphthalate	15.11	149	4488071	84.533	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	2207113	83.634	ng	99
62) 4-Nitroaniline	15.37	138	948214	84.457	ng	97
63) Azobenzene	15.61	77	4333604	88.297	ng	98
65) 4,6-Dinitro-2-methylphenol	15.42	198	816941	86.443	ng	98
66) n-Nitrosodiphenylamine	15.54	169	3843258	87.623	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	1407961	87.264	ng	97
68) Hexachlorobenzene	16.32	284	1538127	84.564	ng	99
69) Atrazine	16.50	200	1421527	88.117	ng	97
70) Pentachlorophenol	16.67	266	2009184	157.652	ng	99
71) Phenanthrene	17.06	178	6873018	92.846	ng	100
72) Anthracene	17.15	178	7041302	97.750	ng	99
73) Carbazole	17.43	167	6330584	86.972	ng	100
74) Di-n-butylphthalate	17.99	149	7671277	94.674	ng	100
75) Fluoranthene	19.08	202	7803695	93.170	ng	99
77) Benzidine	19.28	184	2430266	56.238	ng	100
78) Pyrene	19.44	202	7922890	96.762	ng	99
80) Butylbenzylphthalate	20.36	149	3379239	101.612	ng	98
81) Benzo(a)anthracene	21.20	228	7192765	94.081	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1272675	43.131	ng	99
83) Chrysene	21.26	228	6706317	90.313	ng	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	4763342	96.887	ng	99
85) Di-n-octyl phthalate	22.01	149	7758302	98.551	ng	98
86) Indeno(1,2,3-cd)pyrene	25.60	276	6146638	103.586	ng	100
88) Benzo(b)fluoranthene	22.76	252	6512766	98.547	ng	99
89) Benzo(k)fluoranthene	22.80	252	5976405	89.470	ng	100
90) Benzo(a)pyrene	23.32	252	5881134	97.598	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	5183763	102.325	ng	99
92) Benzo(g,h,i)perylene	26.27	276	5012099	105.210	ng	99

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



#1

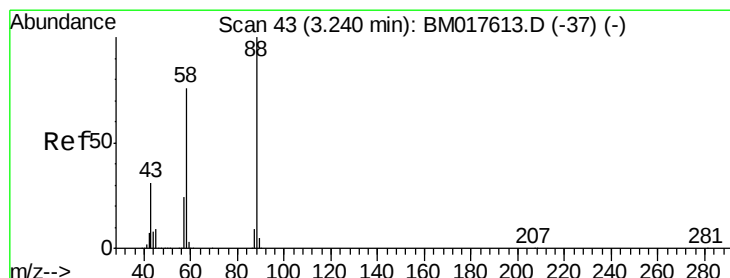
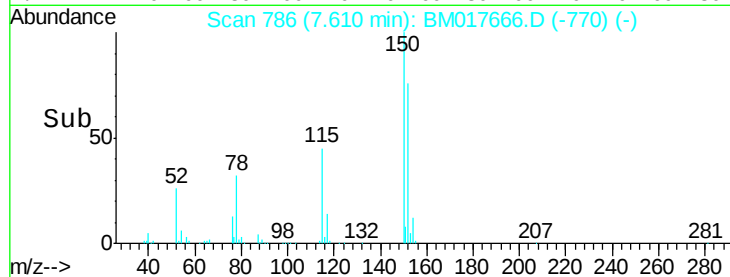
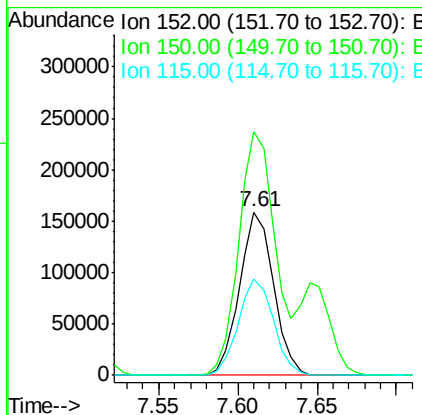
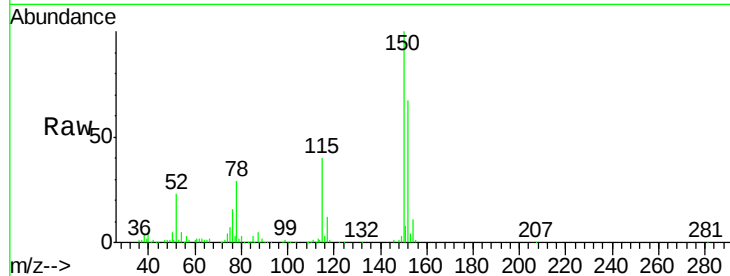
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.4	126.4	189.6
115	59.2	49.4	74.0

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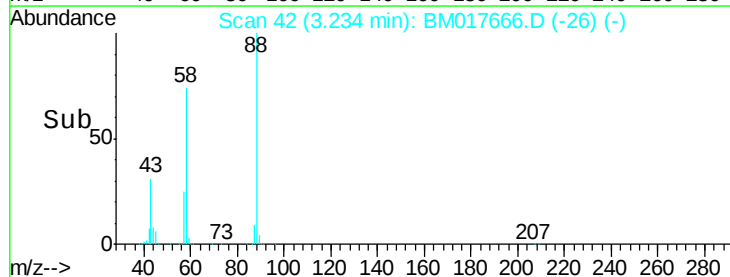
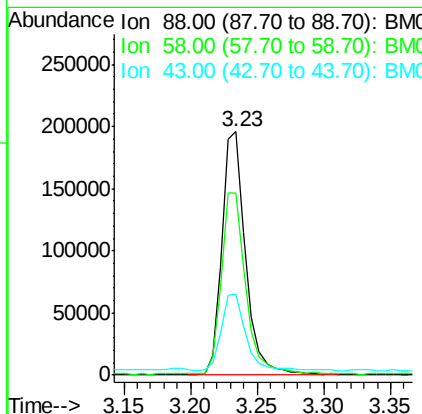
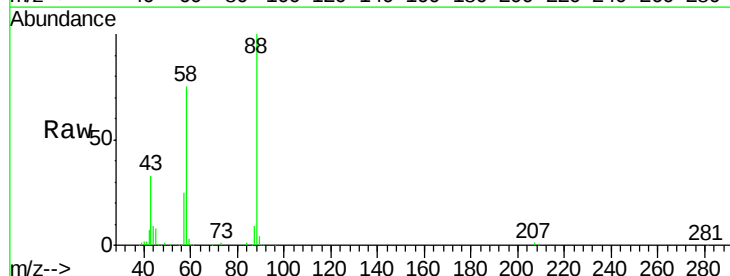
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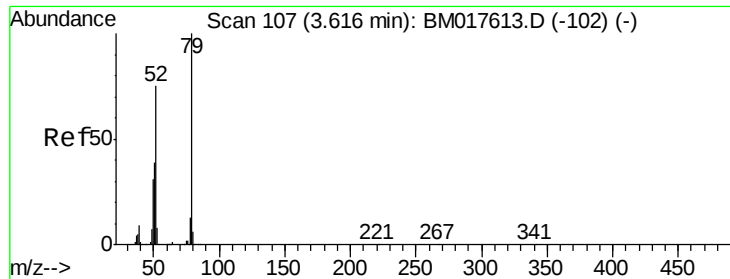


#2

1,4-Dioxane
Concen: 42.288 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	62.0	93.0
43	33.1	26.8	40.2





#3

Pyridine

Concen: 50.341 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

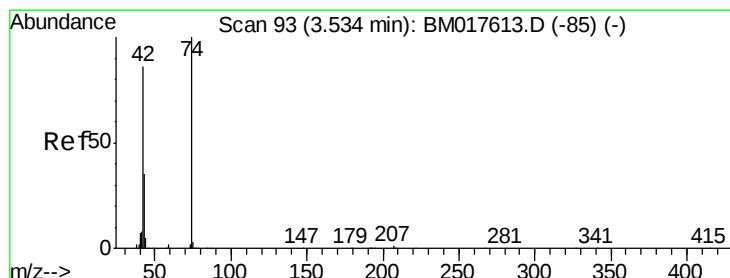
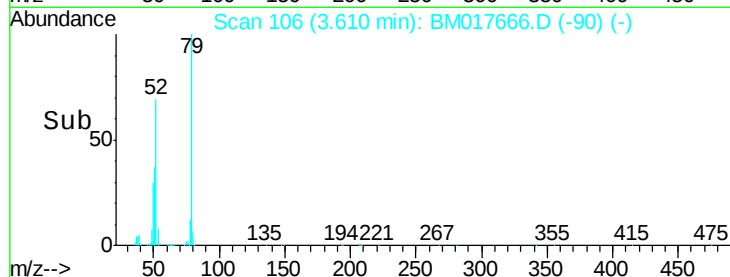
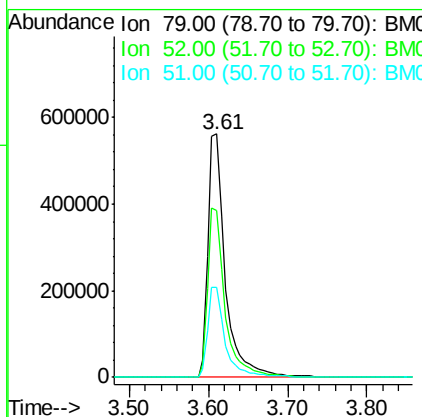
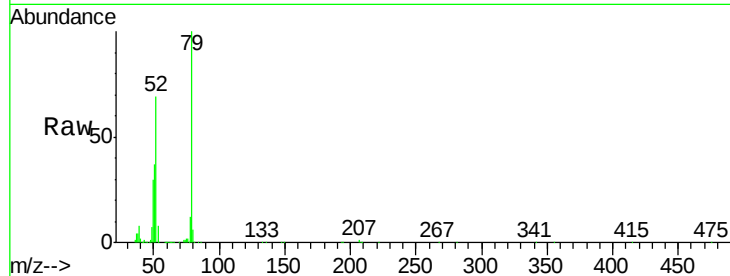
ClientSampleId :

PB114851BS

Tgt Ion:	79	Resp:	861700
Ion	Ratio	Lower	Upper
79	100		
52	68.7	60.1	90.1
51	37.0	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 71.789 ng

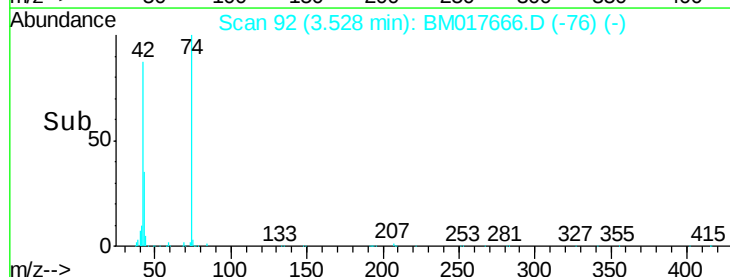
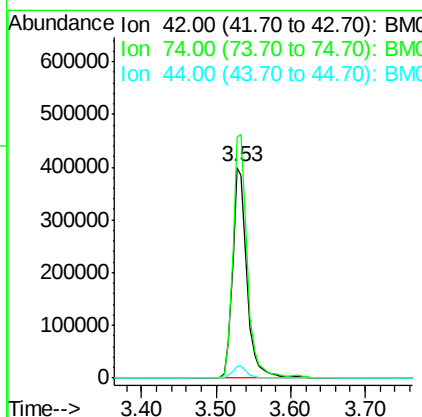
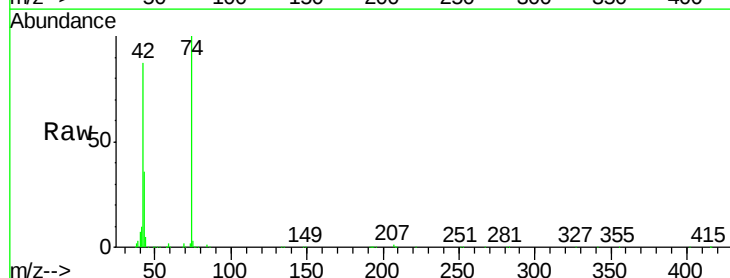
RT: 3.53 min Scan# 92

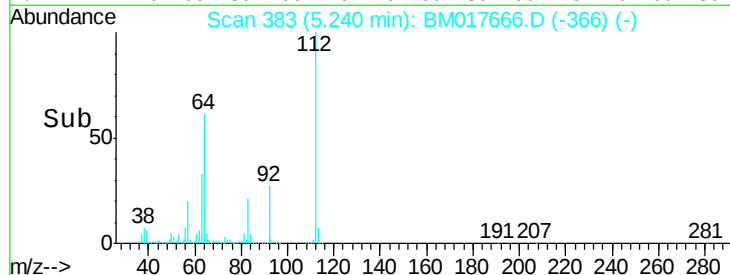
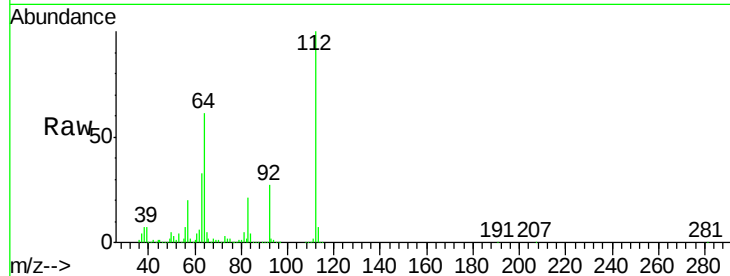
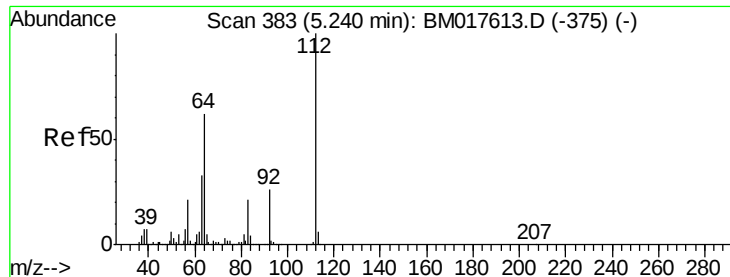
Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	42	Resp:	541307
Ion	Ratio	Lower	Upper
42	100		
74	114.4	93.1	139.7
44	5.6	5.0	7.6





#5

2-Fluorophenol

Concen: 243.886 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	112	Resp:	3417238
Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.3	73.9
63	32.9	26.2	39.4

Instrument :

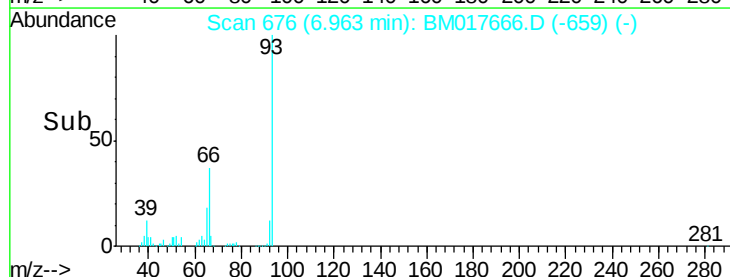
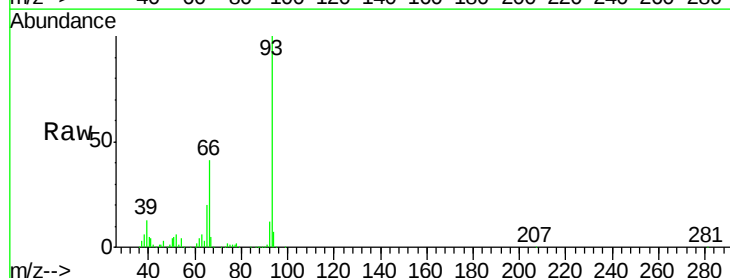
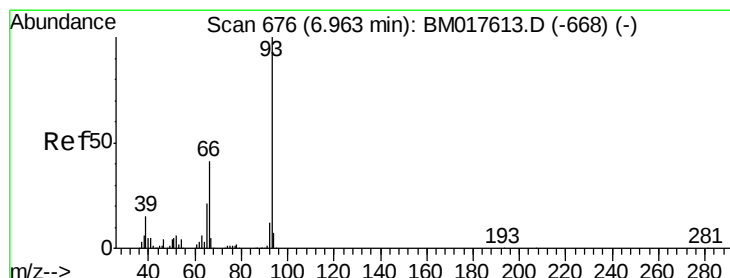
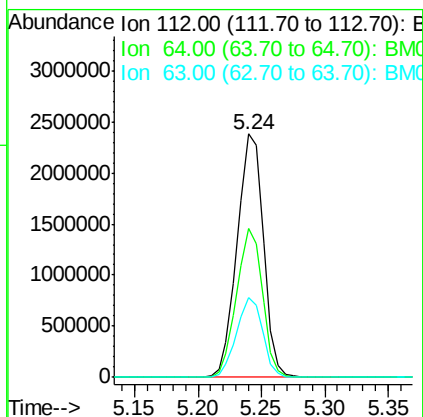
BNA_M

ClientSampleId :

PB114851BS

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#6

Aniline

Concen: 38.246 ng

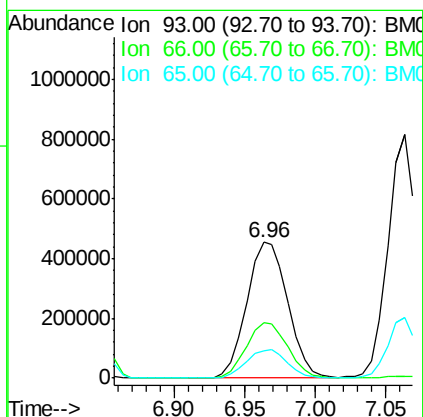
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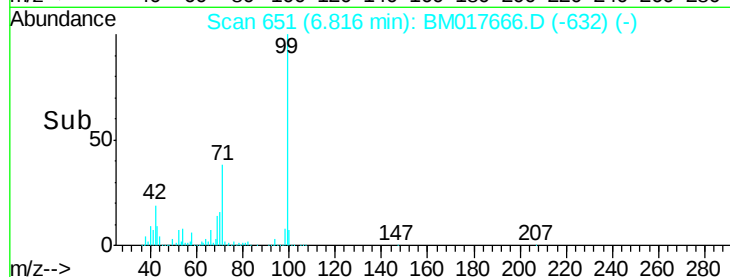
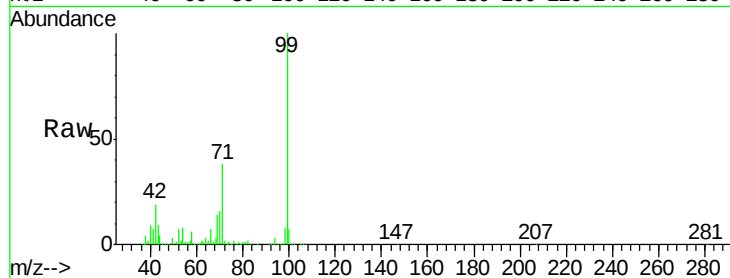
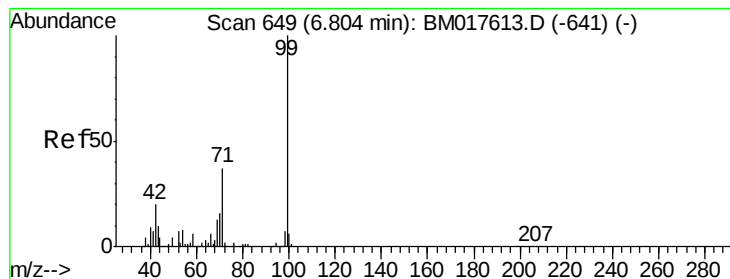
Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	93	Resp:	928152
Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.8	49.2
65	20.3	16.6	25.0





#7

Phenol-d6

Concen: 241.913 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion: 99 Resp: 4734067

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

71 37.7 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

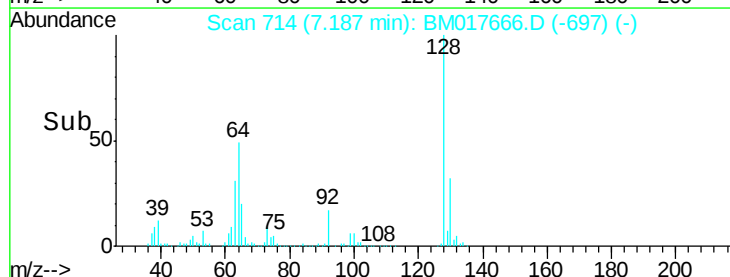
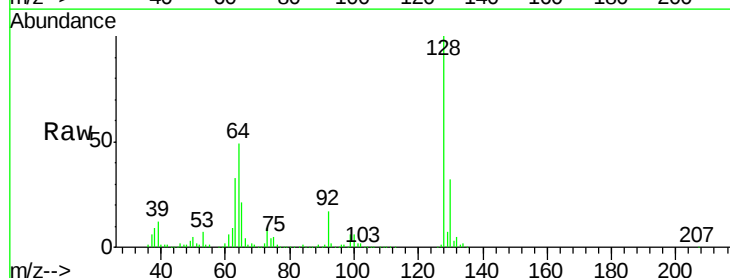
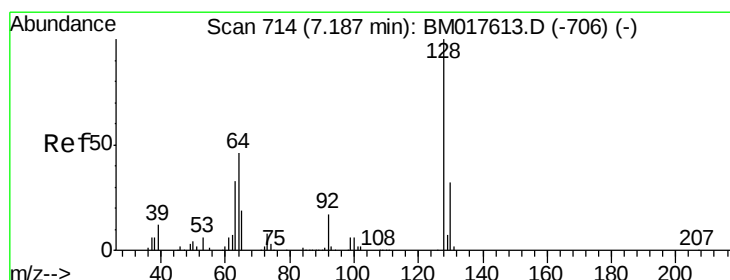
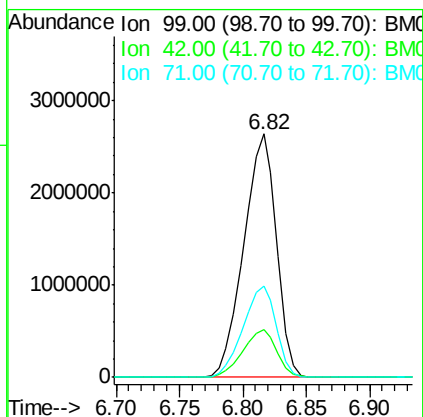
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#8

2-Chlorophenol

Concen: 83.740 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

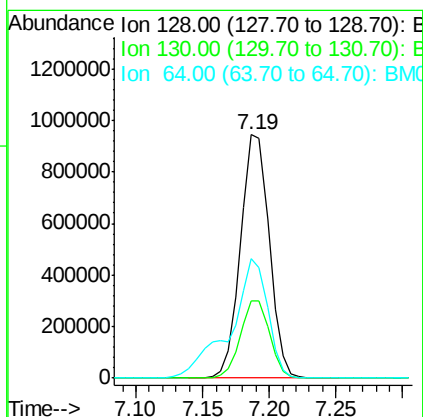
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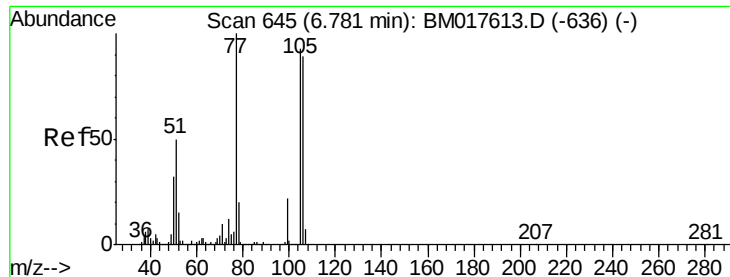
Ion Ratio Lower Upper

128 100

130 31.9 12.4 52.4

64 49.0 30.0 70.0





#9

Benzaldehyde

Concen: 40.820 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

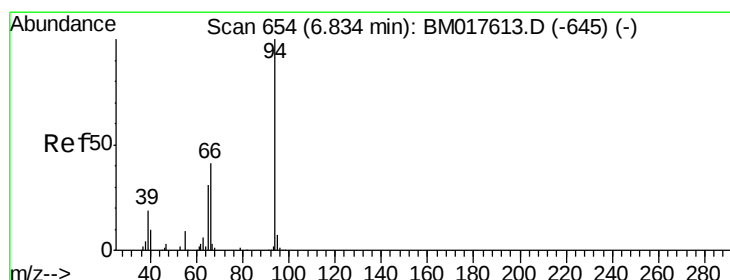
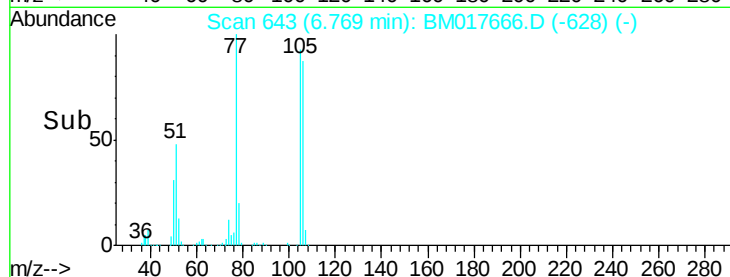
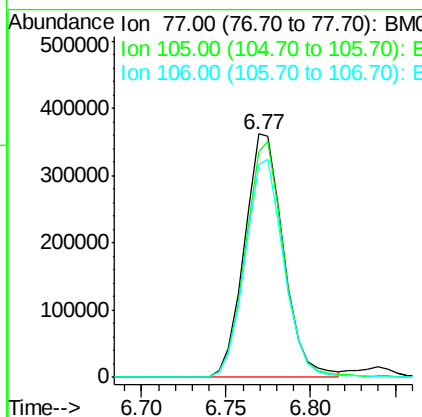
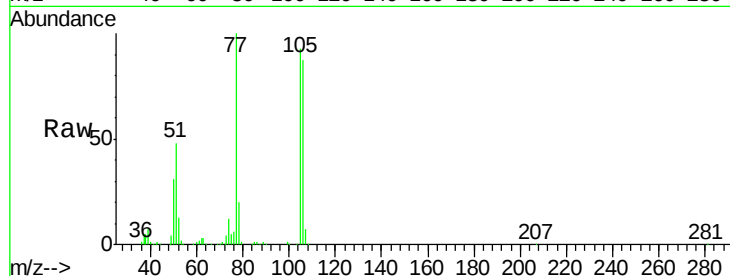
ClientSampleId :

PB114851BS

Tgt Ion:	77	Resp:	581915
Ion	Ratio	Lower	Upper
77	100		
105	92.6	72.7	112.7
106	87.3	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 85.629 ng

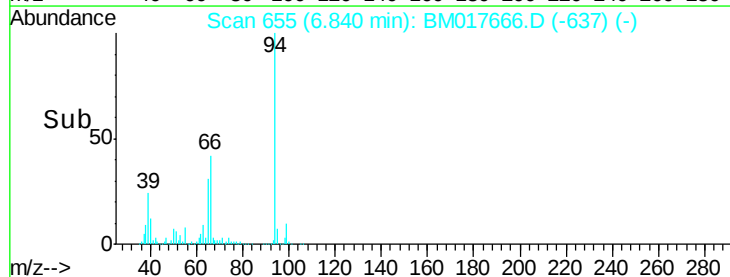
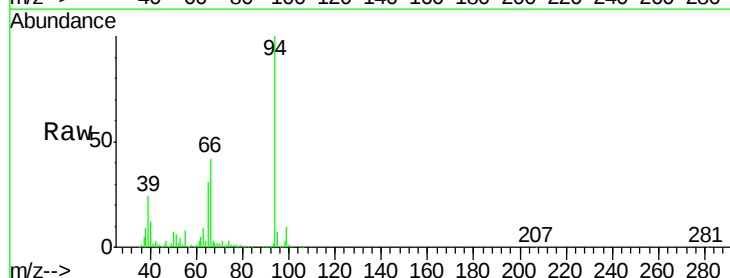
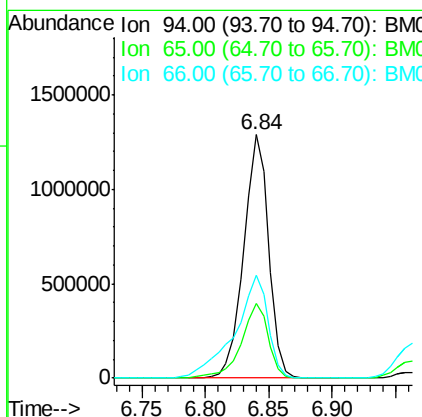
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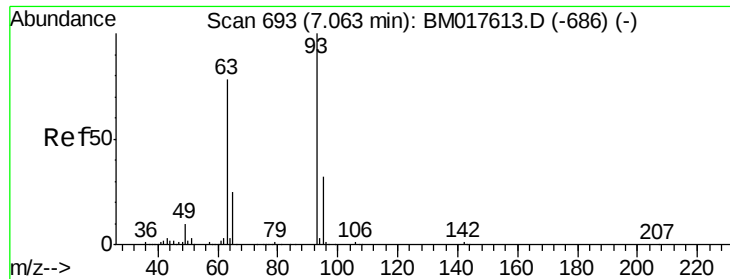
Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	94	Resp:	1758860
Ion	Ratio	Lower	Upper
94	100		
65	30.7	11.4	51.4
66	42.2	21.4	61.4





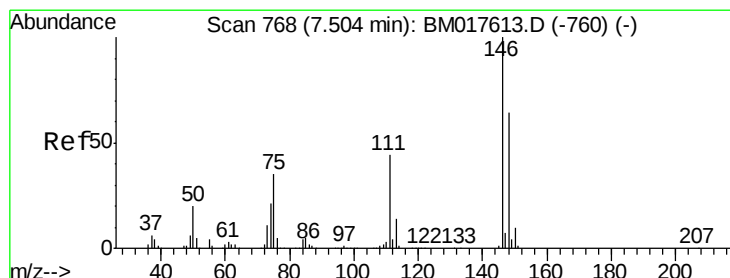
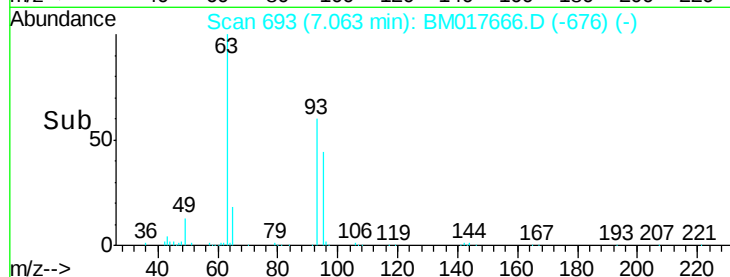
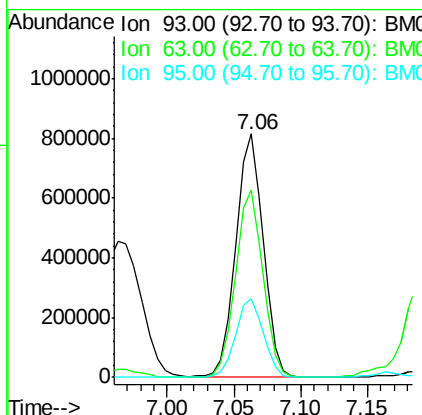
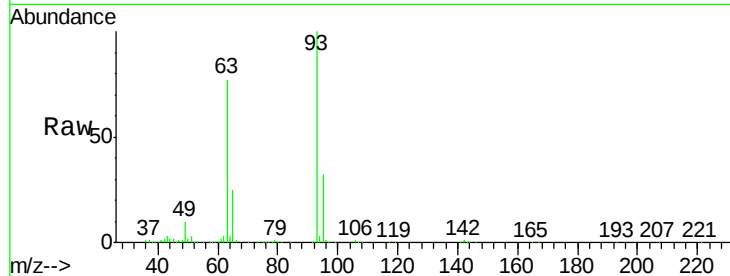
#11
bis(2-Chloroethyl)ether
Concen: 71.595 ng
RT: 7.06 min Scan# 693
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion: 93 Resp: 1160931
Ion Ratio Lower Upper
93 100
63 76.8 57.9 97.9
95 32.5 12.3 52.3

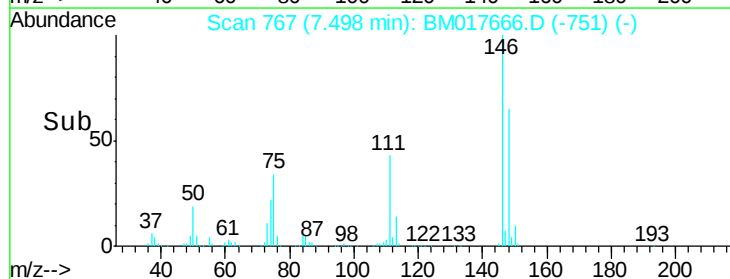
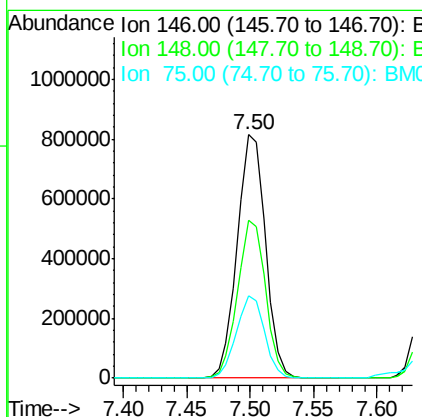
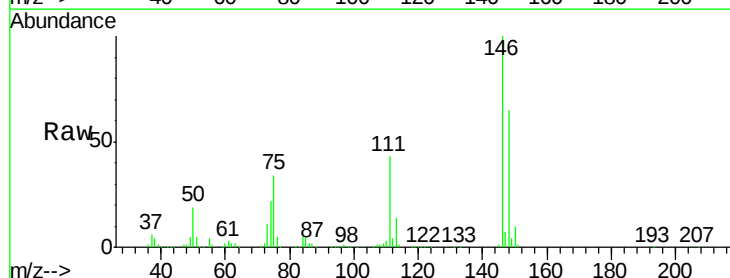
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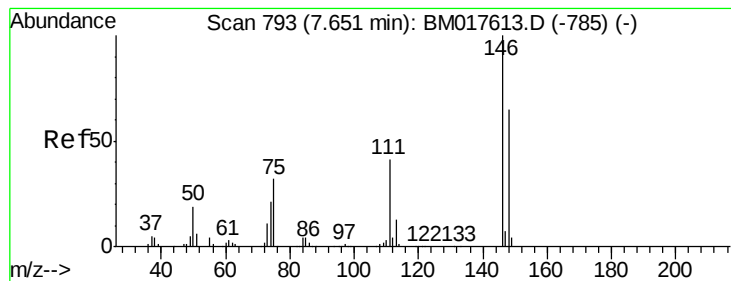
Sohil
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#12
1,3-Dichlorobenzene
Concen: 66.912 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion: 146 Resp: 1258843
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 33.6 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 68.105 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:146 Resp: 1313323

Ion Ratio Lower Upper

146 100

148 62.1 52.0 78.0

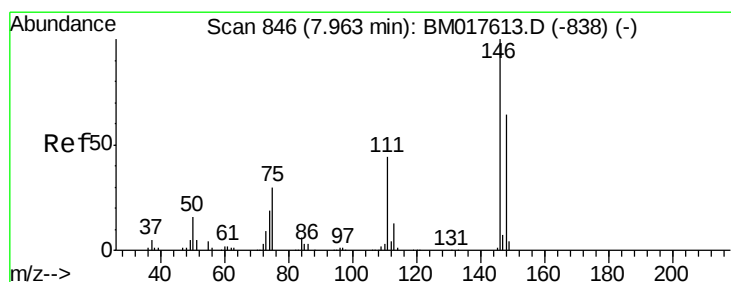
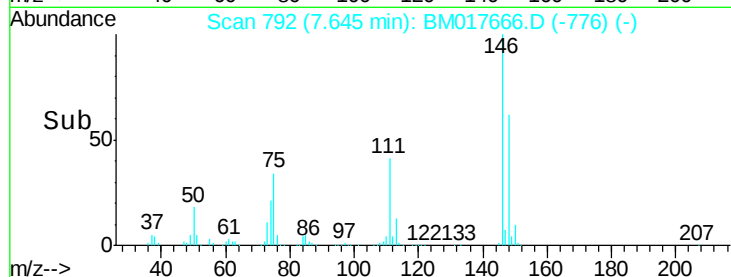
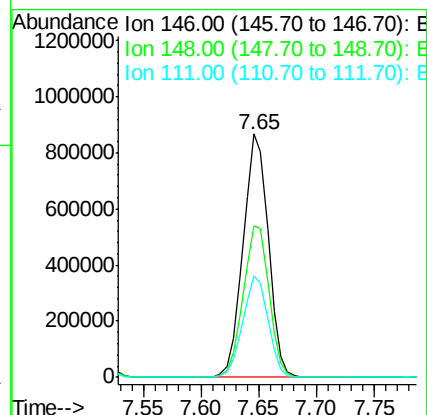
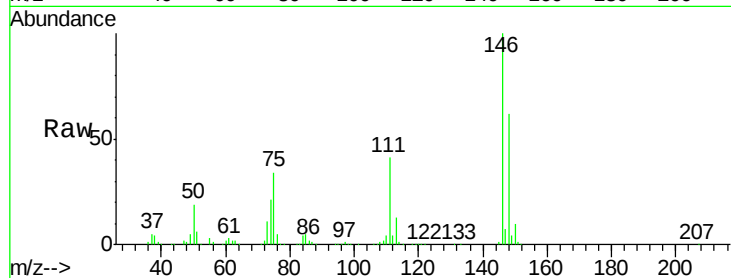
111 41.5 33.2 49.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 69.451 ng

RT: 7.96 min Scan# 845

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

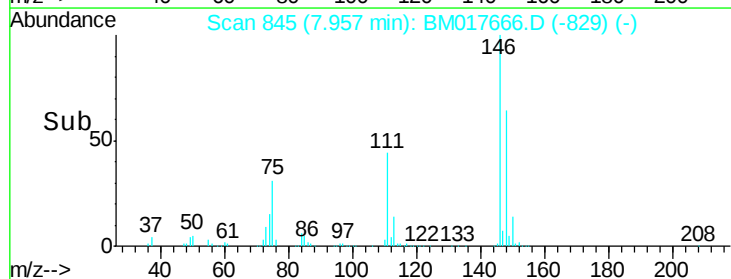
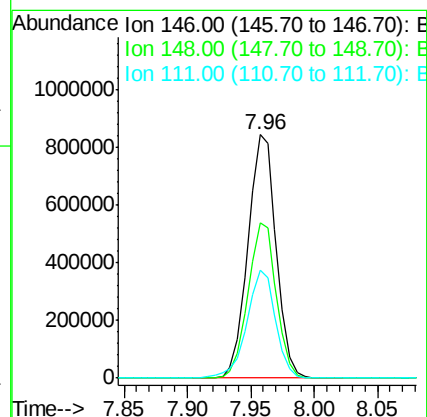
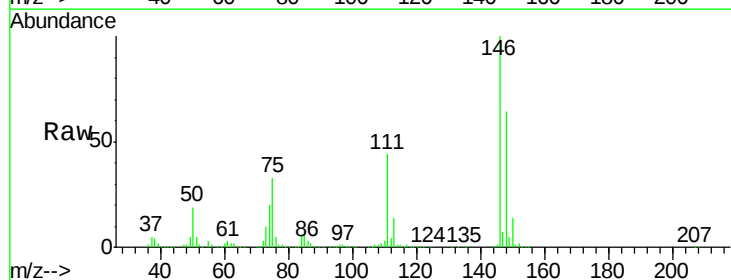
Tgt Ion:146 Resp: 1298621

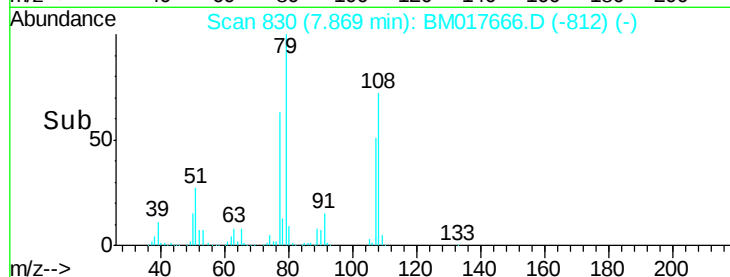
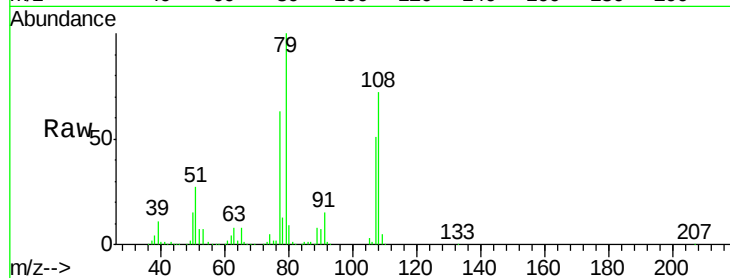
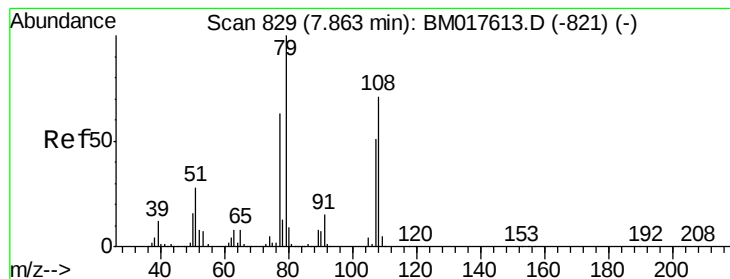
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 44.3 35.8 53.8





#15

Benzyl Alcohol

Concen: 82.837 ng

RT: 7.87 min Scan# 830

Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	79	Resp:	1290981
Ion	Ratio	Lower	Upper
79	100		
108	72.1	57.1	85.7
77	63.4	50.4	75.6

Instrument :

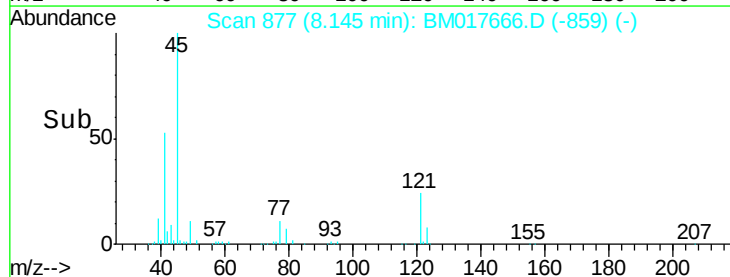
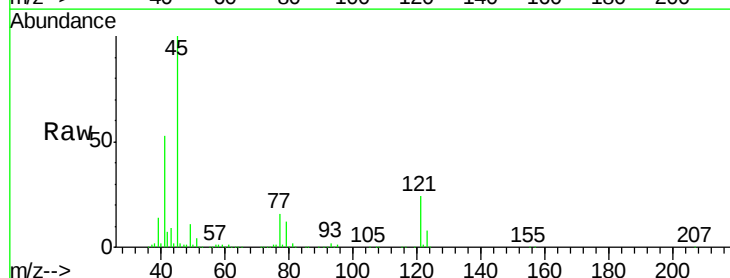
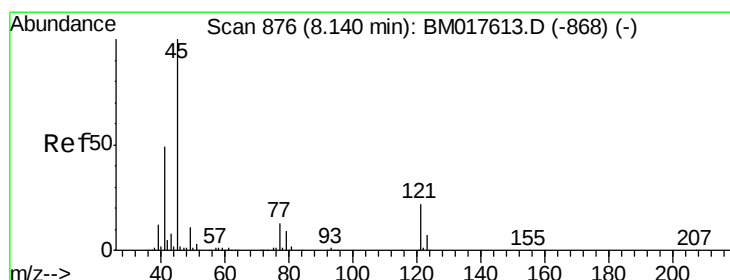
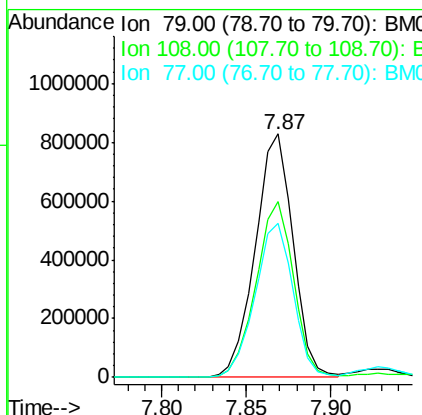
BNA_M

ClientSampleId :

PB114851BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 64.724 ng

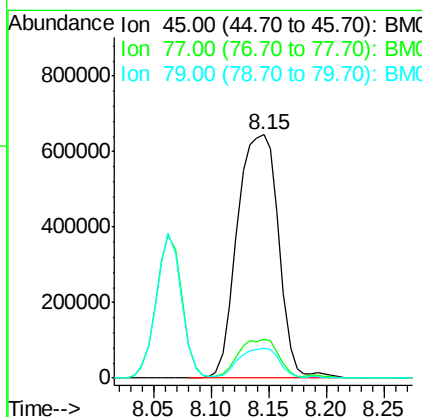
RT: 8.15 min Scan# 877

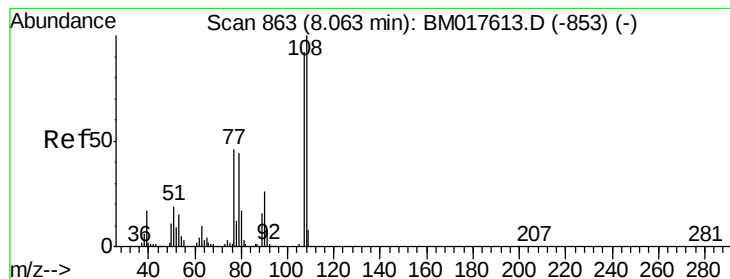
Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	45	Resp:	1597925
Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	34.2
79	12.1	0.0	30.5





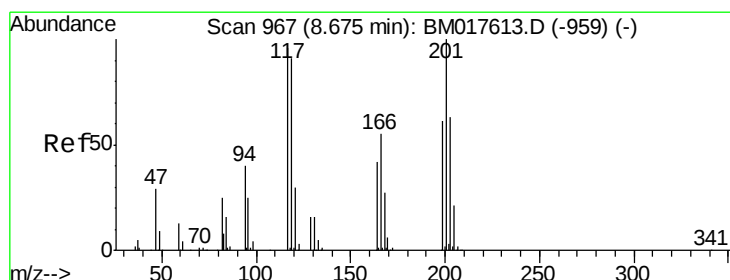
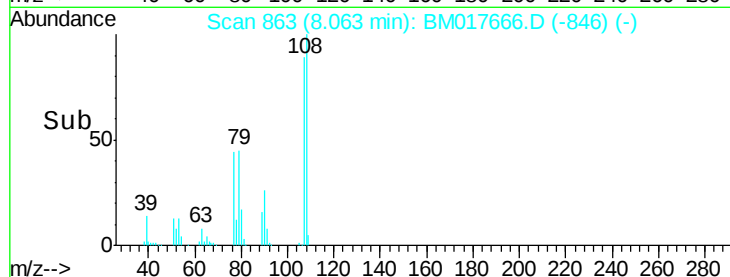
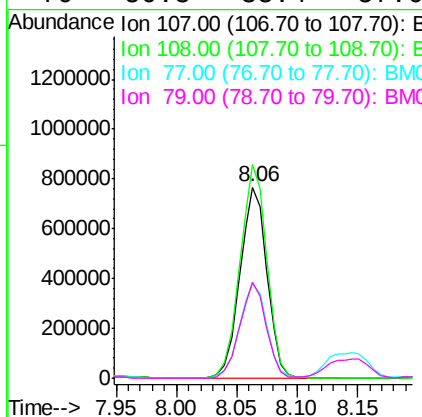
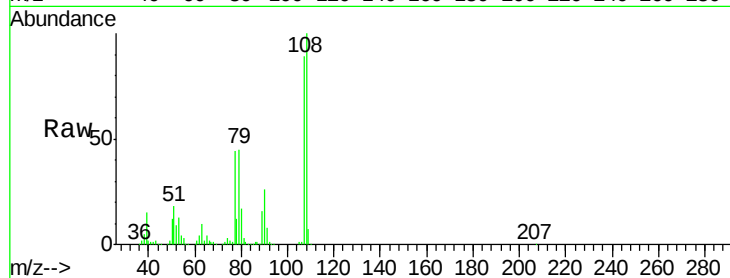
#17
2-Methylphenol
Concen: 86.257 ng
RT: 8.06 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	86.7	130.1
77	49.4	39.8	59.6
79	50.3	38.4	57.6

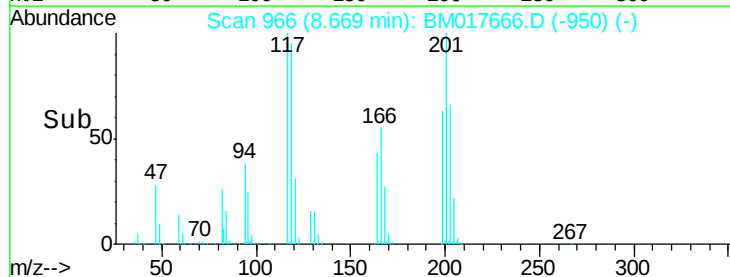
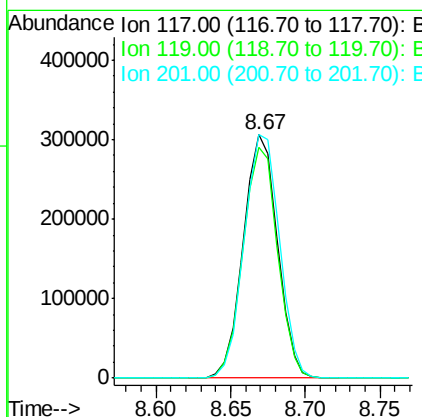
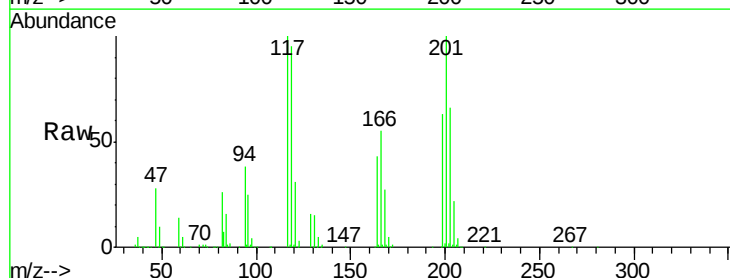
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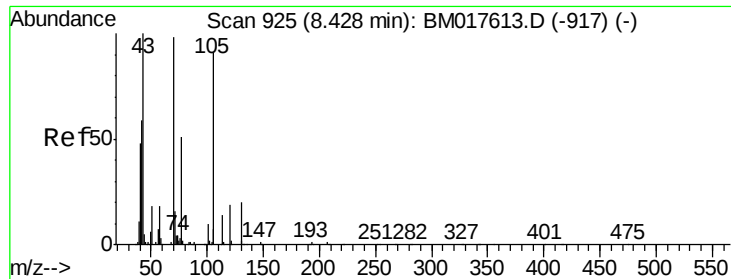
Sohil
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#18
Hexachloroethane
Concen: 71.075 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	100.0	83.0	124.4





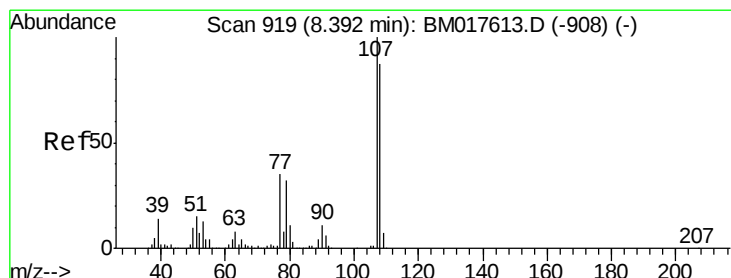
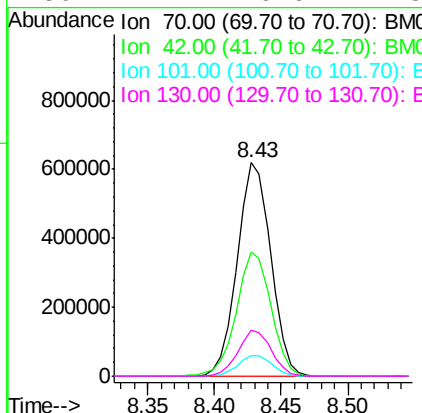
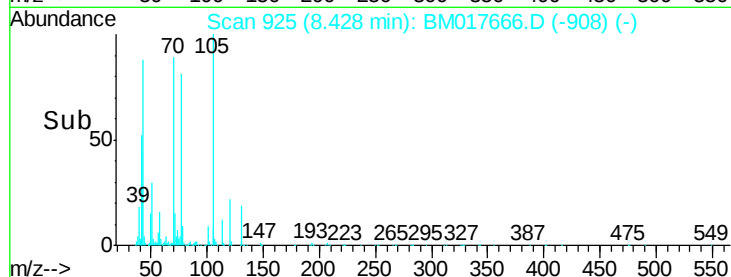
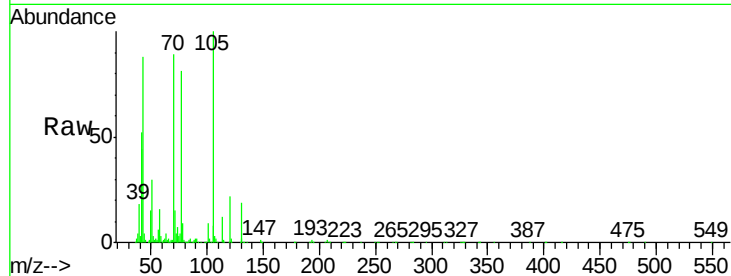
#19
n-Nitroso-di-n-propylamine
Concen: 76.805 ng
RT: 8.43 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.9	48.6	73.0
101	9.6	7.9	11.9
130	21.7	16.6	24.8

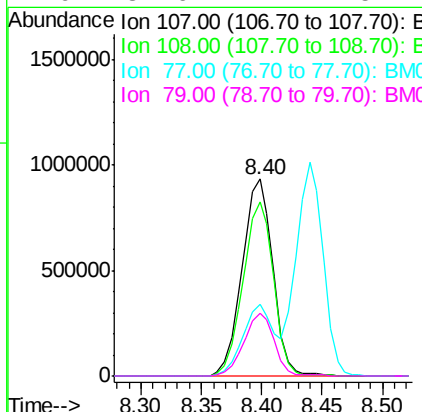
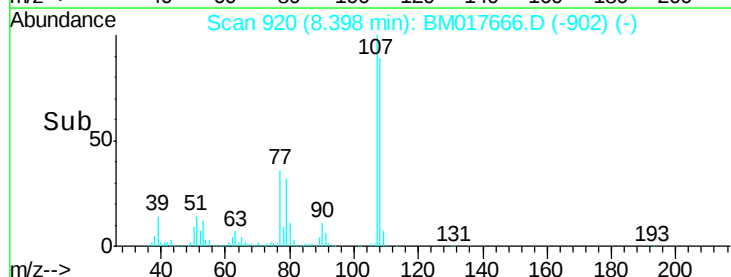
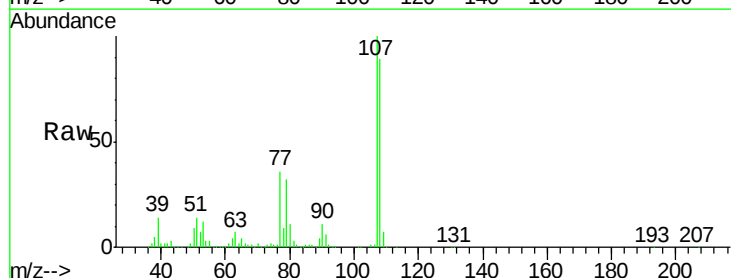
Manual Integrations
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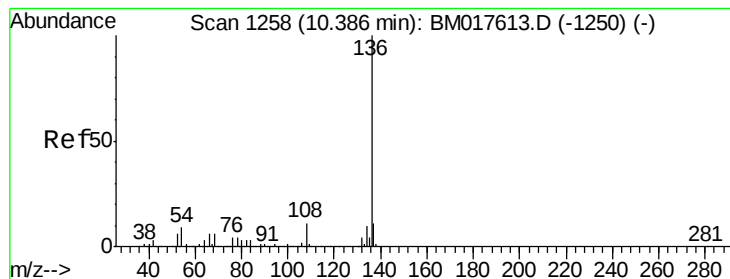
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#20
3+4-Methylphenols
Concen: 86.017 ng
RT: 8.40 min Scan# 920
Delta R.T. 0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.0	107.0
77	36.1	15.6	55.6
79	31.6	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:136 Resp: 1019002

Ion Ratio Lower Upper

136 100

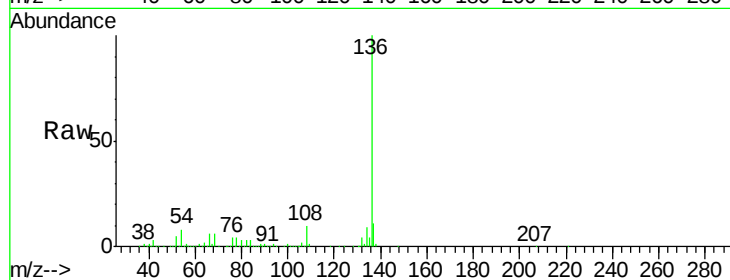
137 10.9 8.6 12.8

54 8.4 7.0 10.6

68 5.8 4.9 7.3

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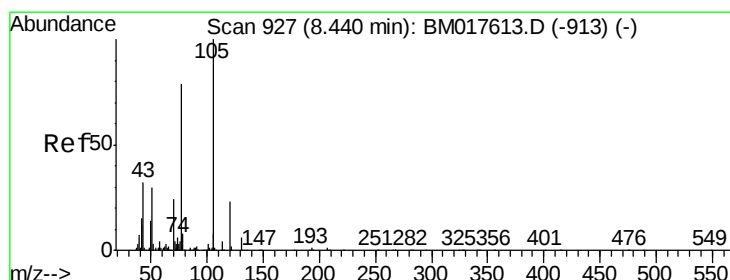
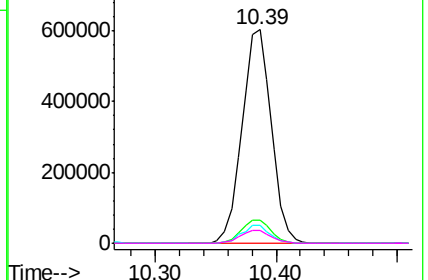
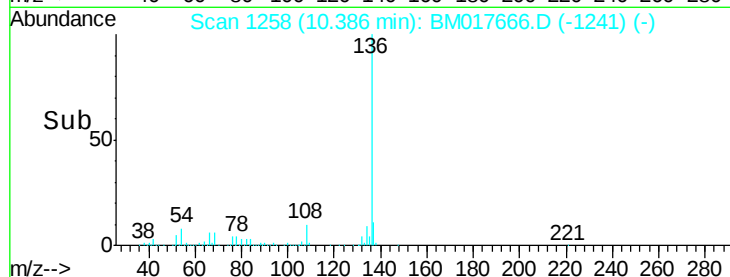


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 80.547 ng

RT: 8.44 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:105 Resp: 2048515

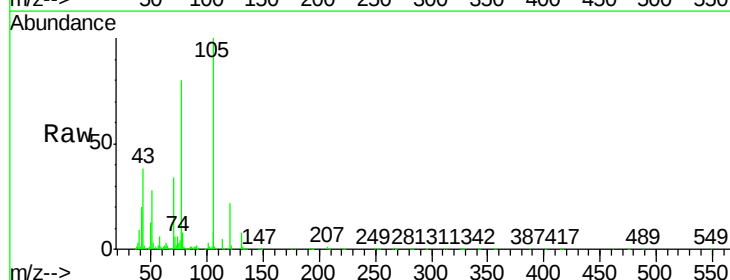
Ion Ratio Lower Upper

105 100

71 5.6 3.1 4.7#

51 28.2 23.8 35.8

120 21.9 18.0 27.0

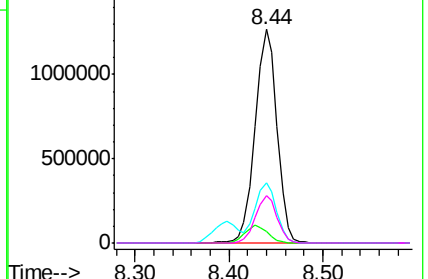
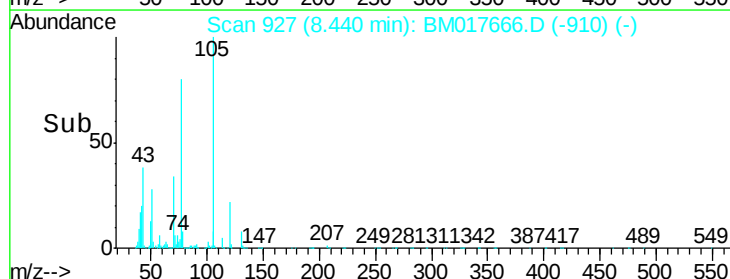


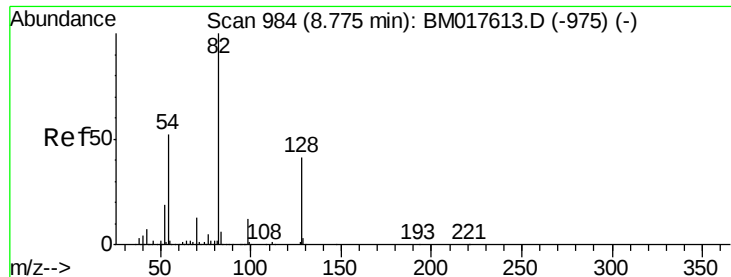
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





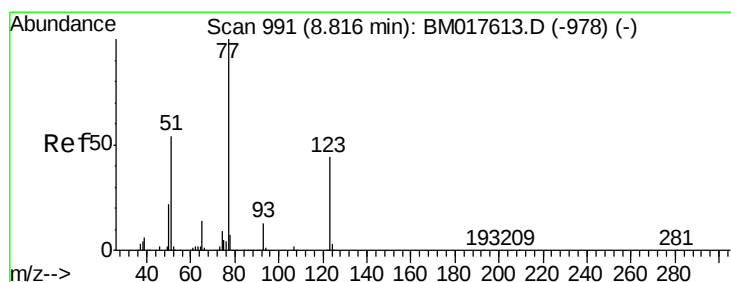
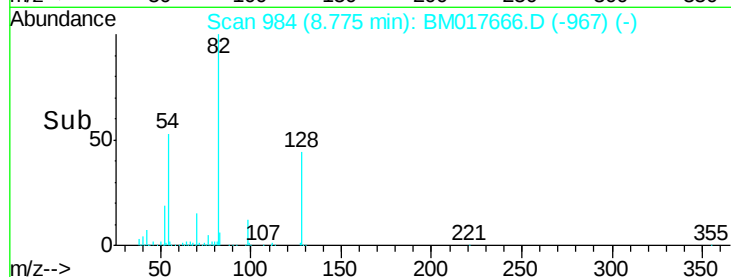
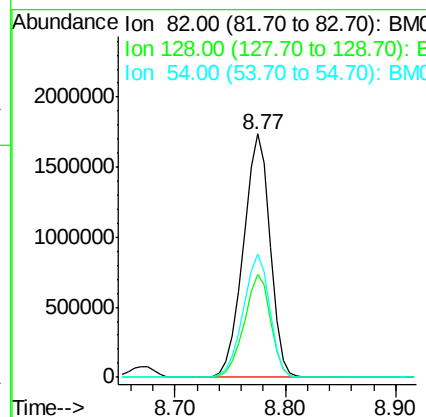
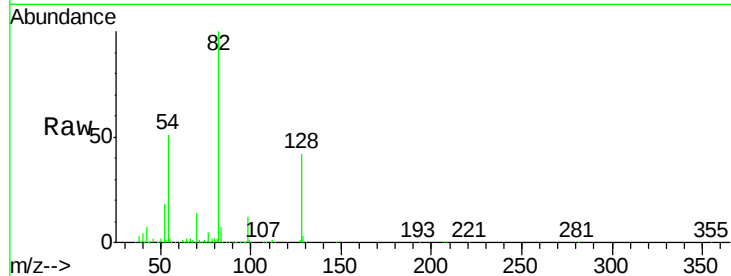
#23
 Nitrobenzene-d5
 Concen: 149.816 ng
 RT: 8.77 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	50.9	41.4	62.2

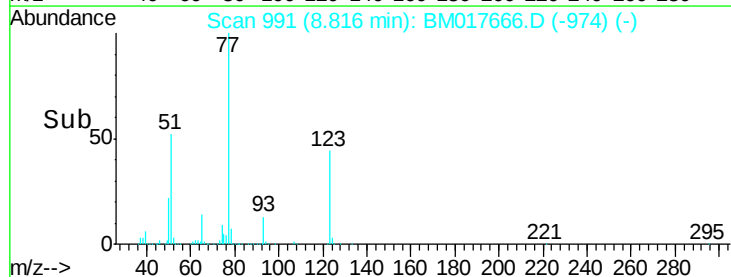
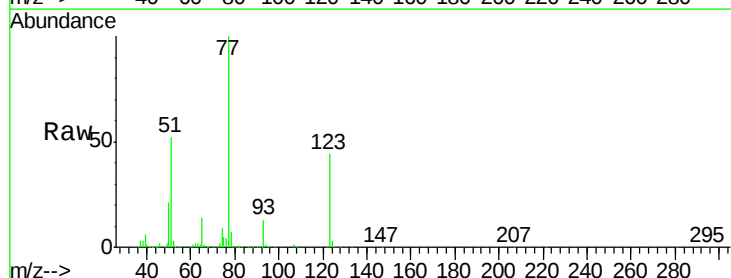
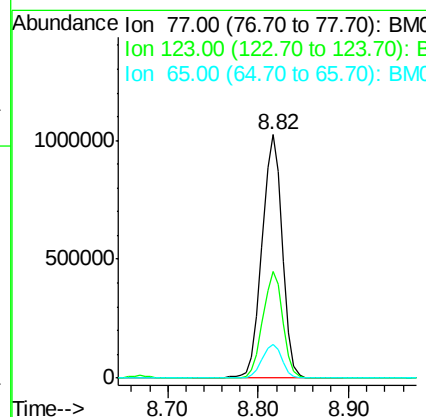
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#24
 Nitrobenzene
 Concen: 78.850 ng
 RT: 8.82 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.1	52.7
65	14.0	11.0	16.6





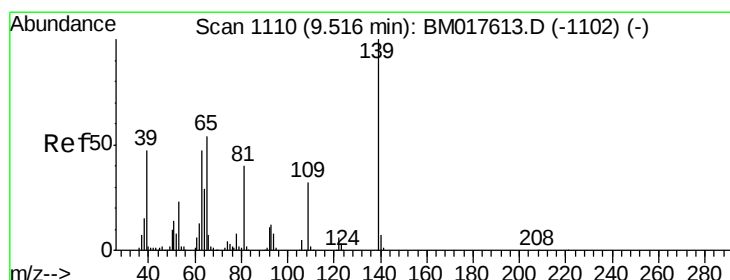
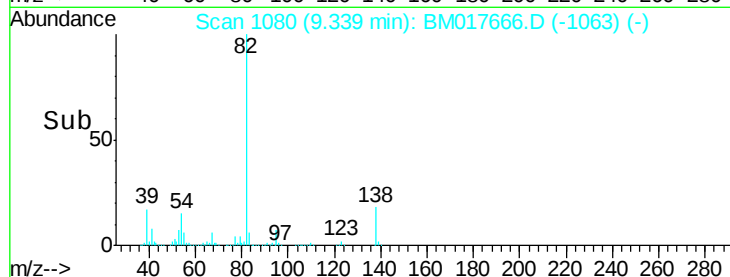
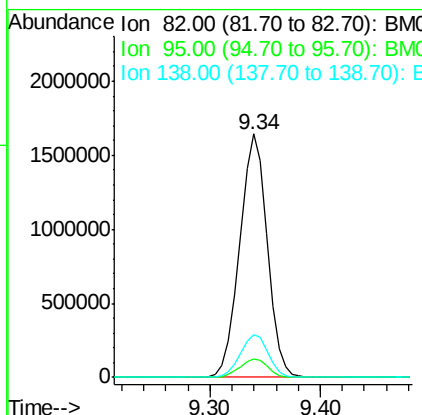
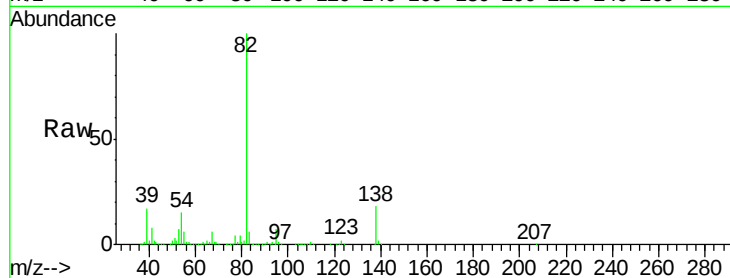
#25
Isophorone
Concen: 94.578 ng
RT: 9.34 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	17.5	13.9	20.9

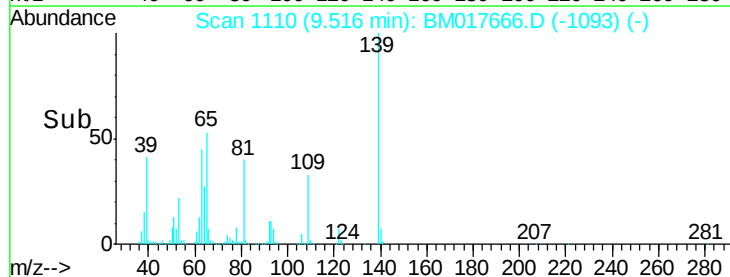
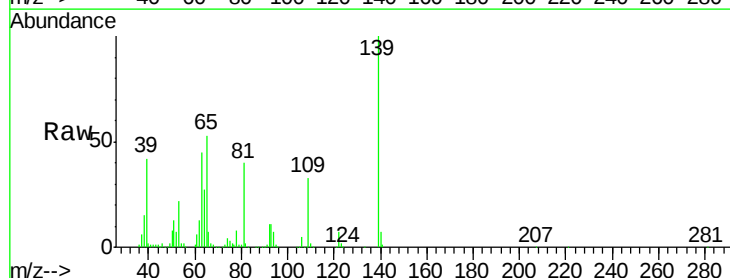
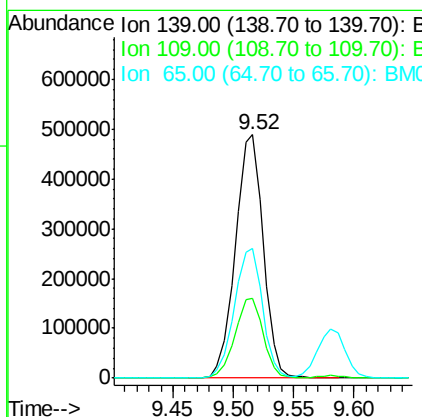
Manual Integrations
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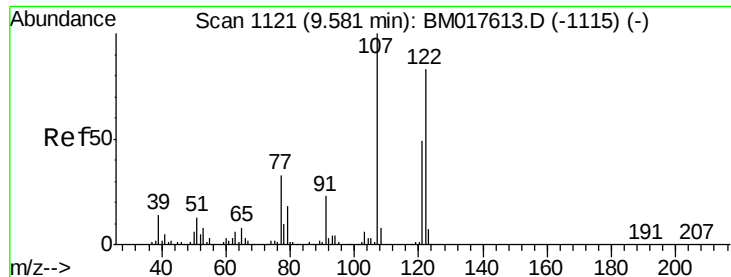
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#26
2-Nitrophenol
Concen: 85.430 ng
RT: 9.52 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.5	25.9	38.9
65	53.3	43.0	64.4





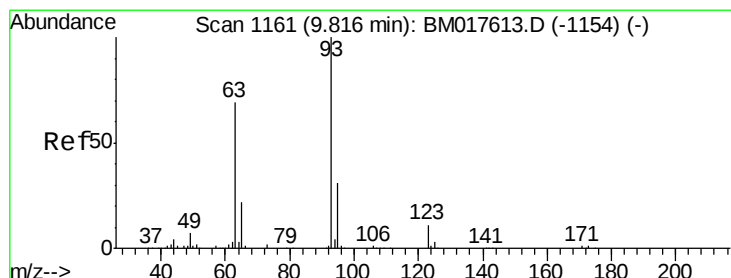
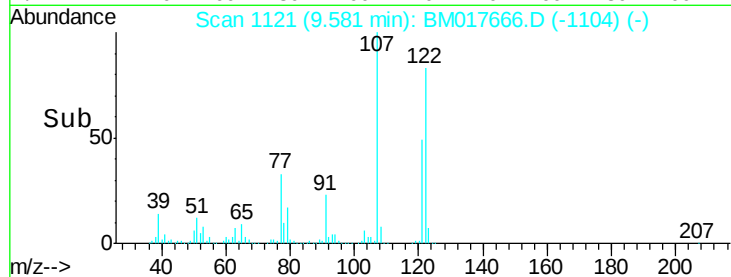
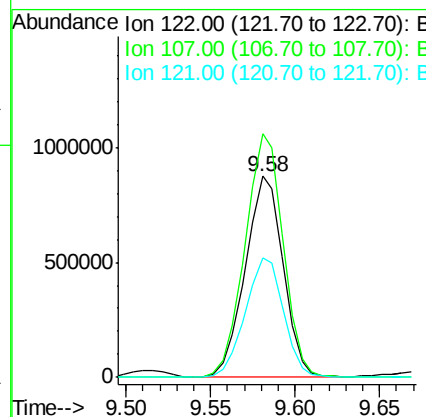
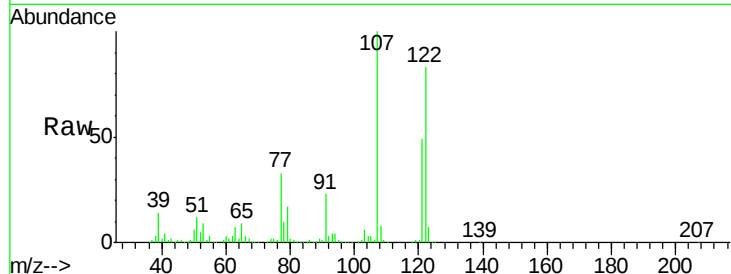
#27
2,4-Dimethylphenol
Concen: 102.750 ng
RT: 9.58 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampled :
PB114851BS

Tgt Ion:122 Resp: 1365992
Ion Ratio Lower Upper
122 100
107 121.0 95.8 143.8
121 59.1 47.2 70.8

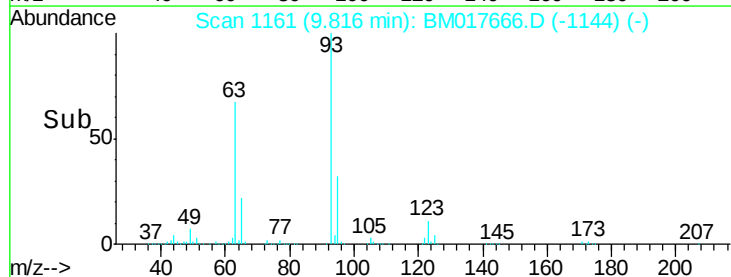
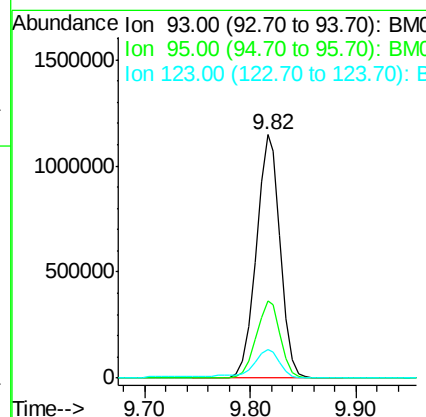
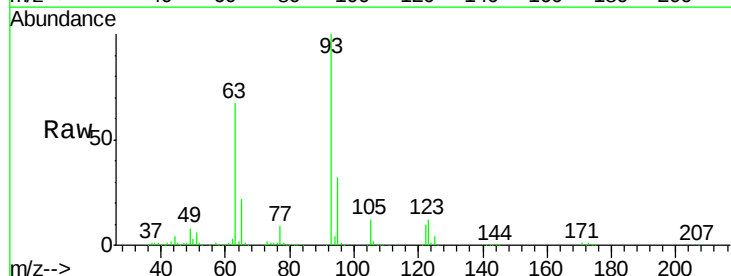
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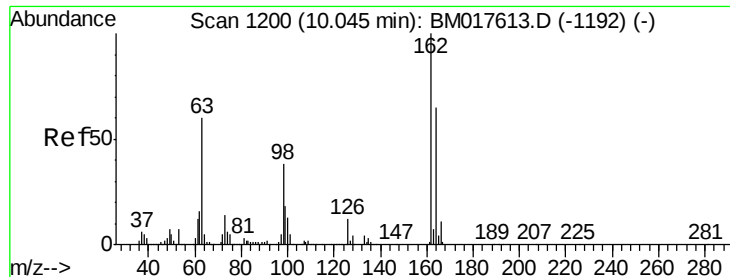
Sohil
11/16/2018 3:57:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 87.270 ng
RT: 9.82 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion: 93 Resp: 1801945
Ion Ratio Lower Upper
93 100
95 31.7 24.9 37.3
123 11.7 8.7 13.1





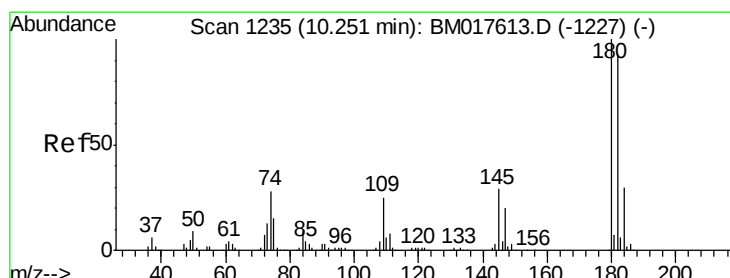
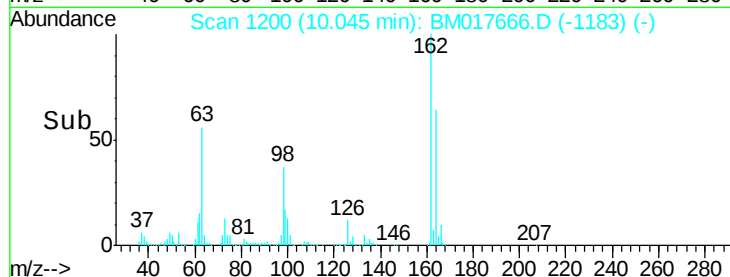
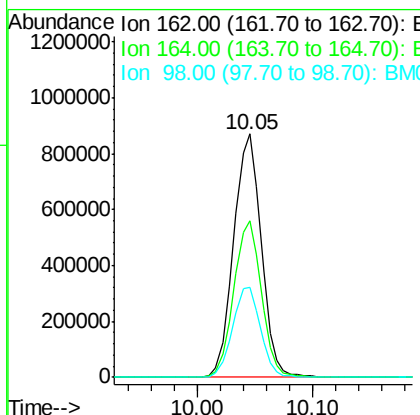
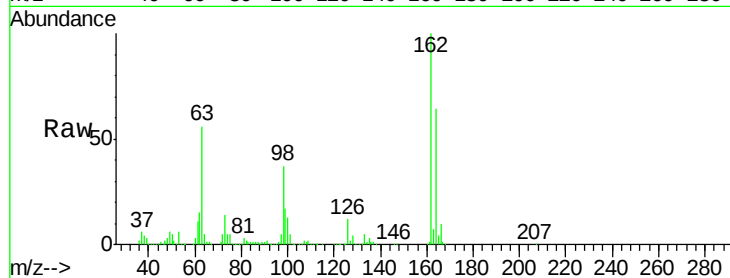
#29
 2,4-Dichlorophenol
 Concen: 93.803 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.0	85.0
98	36.9	17.5	57.5

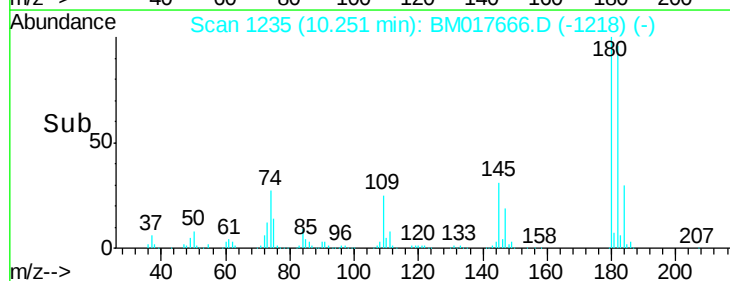
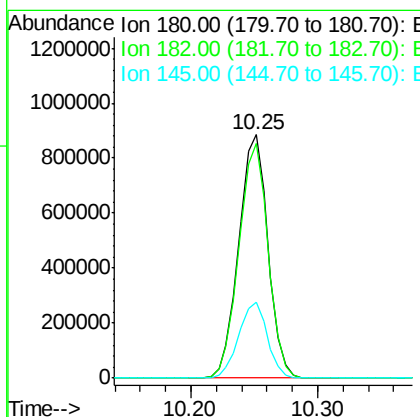
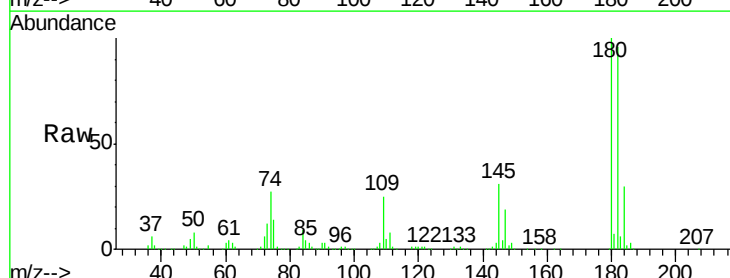
Manual Integrations
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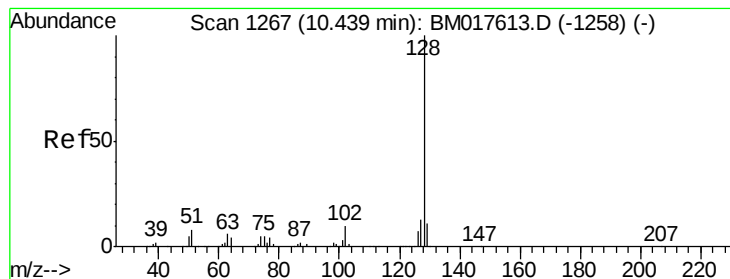
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 78.559 ng
 RT: 10.25 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.4	111.6
145	31.1	23.5	35.3





#31

Naphthalene

Concen: 86.643 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:128 Resp: 4340900

Ion Ratio Lower Upper

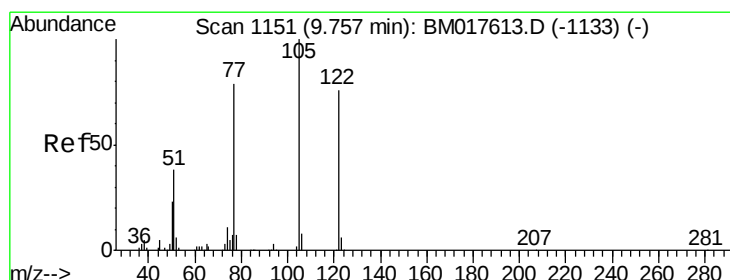
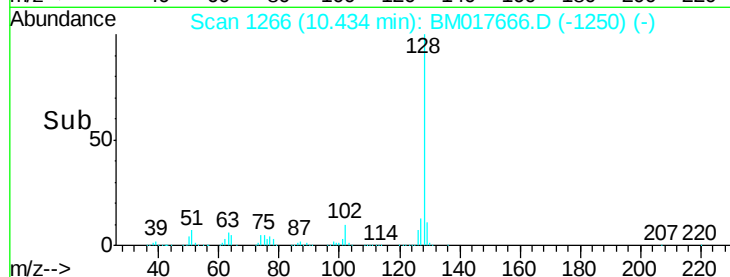
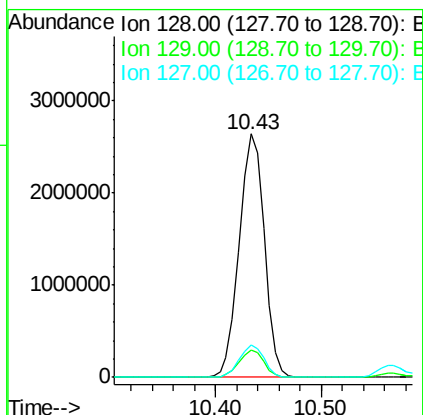
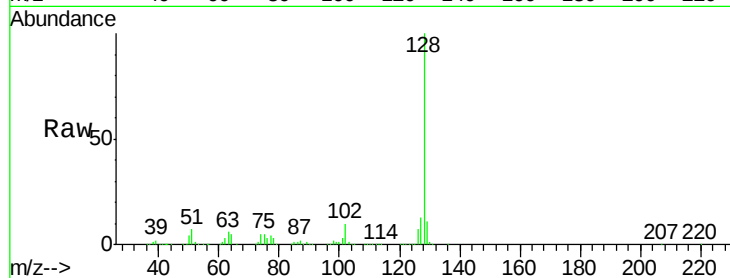
128 100

129 11.0 8.6 12.8

127 13.2 10.3 15.5

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#32

Benzoic acid

Concen: 76.562 ng

RT: 9.81 min Scan# 1160

Delta R.T. 0.05 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

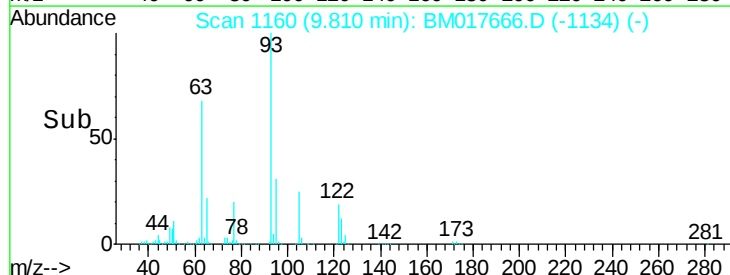
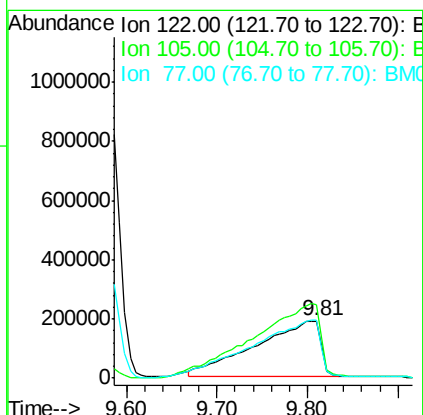
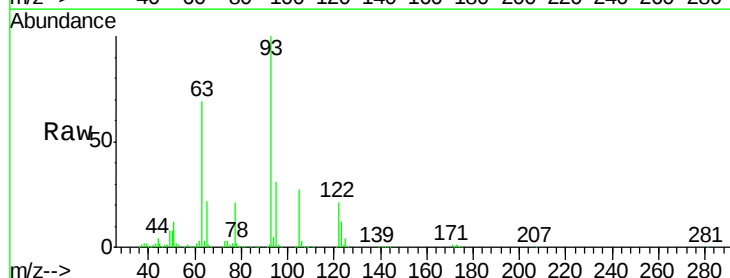
Tgt Ion:122 Resp: 922018

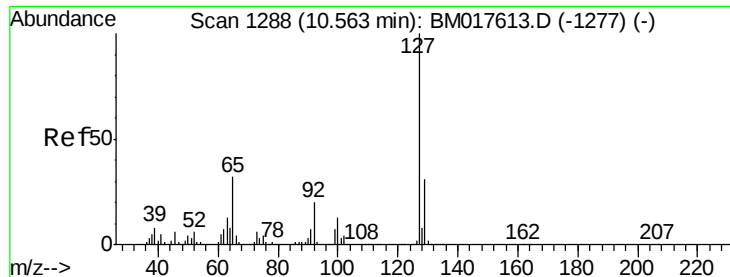
Ion Ratio Lower Upper

122 100

105 127.6 109.1 149.1

77 101.6 82.1 122.1





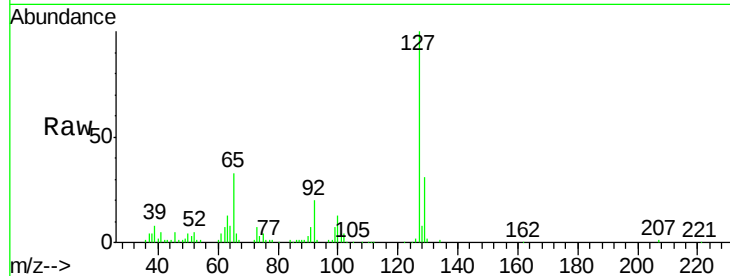
#33
4-Chloroaniline
Concen: 12.184 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

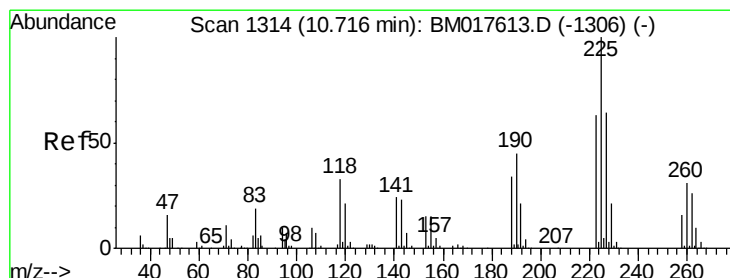
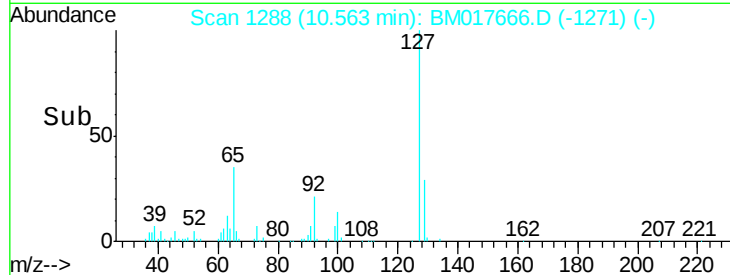
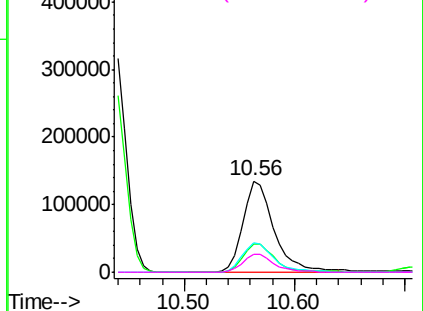
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	267334		
129	31.4	25.0	37.4	
65	32.8	25.8	38.8	
92	19.9	15.8	23.6	

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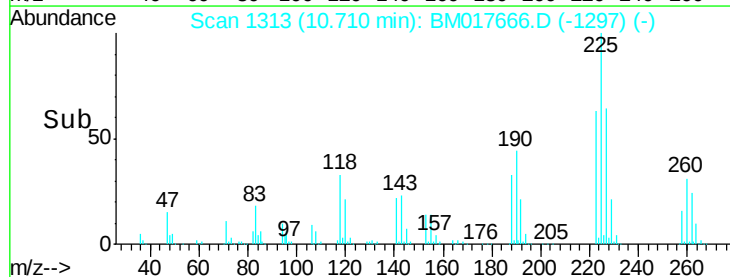
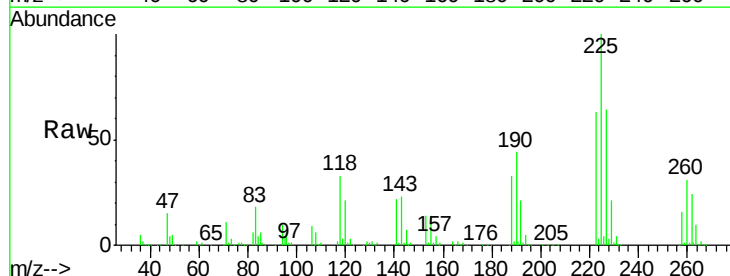
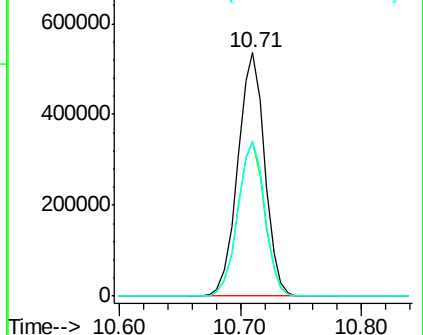
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

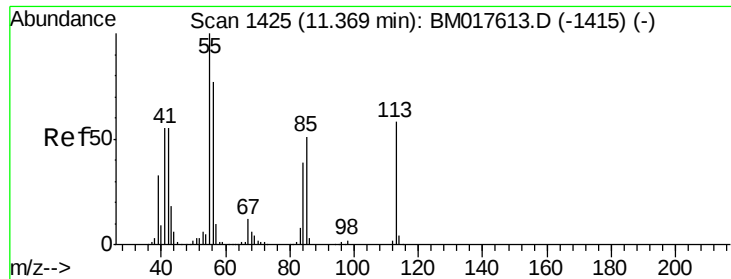


#34
Hexachlorobutadiene
Concen: 74.539 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	830583		
223	63.1	50.7	76.1	
227	63.9	51.0	76.4	

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: 82.236 ng m

RT: 11.40 min Scan# 1430

Delta R.T. 0.03 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:113 Resp: 467363

Ion Ratio Lower Upper

113 100

55 164.7 153.1 193.1

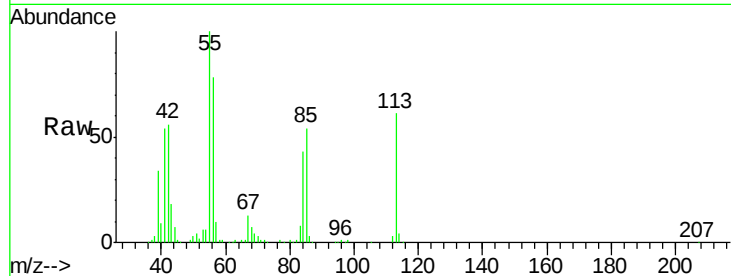
56 128.2 112.7 152.7

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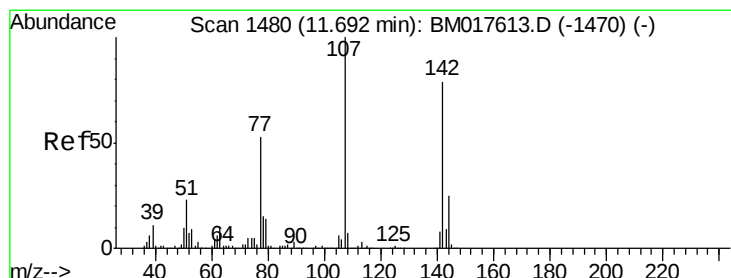
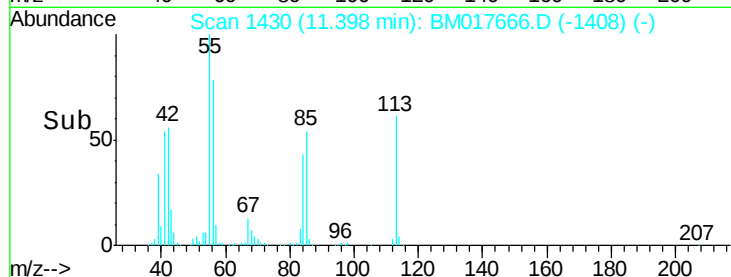
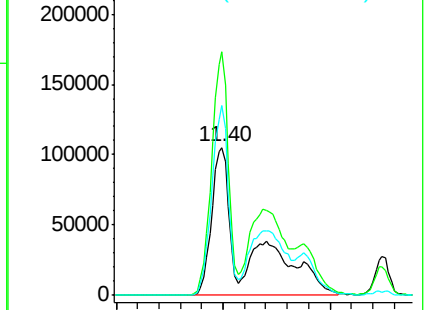
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 91.774 ng

RT: 11.70 min Scan# 1481

Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

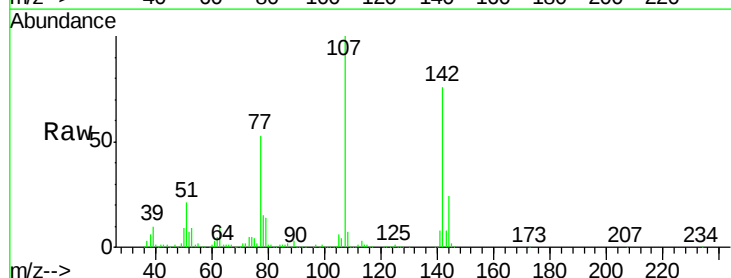
Tgt Ion:107 Resp: 1635186

Ion Ratio Lower Upper

107 100

144 24.3 19.9 29.9

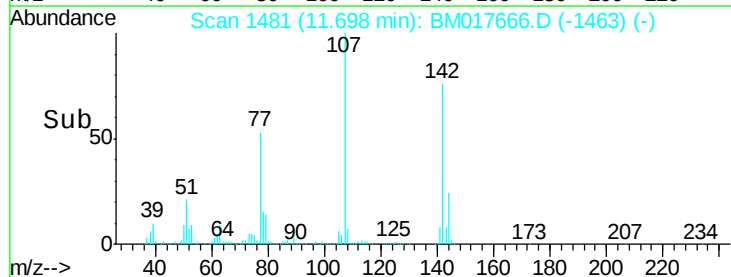
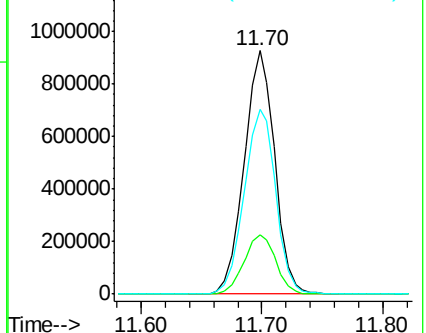
142 76.1 63.0 94.4

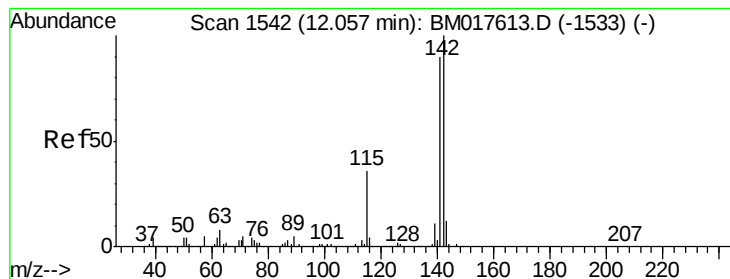


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 94.805 ng

RT: 12.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:142 Resp: 3357022

Ion Ratio Lower Upper

142 100

141 89.4 72.2 108.4

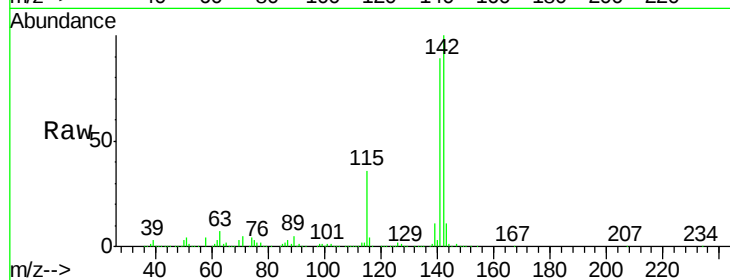
115 35.6 28.5 42.7

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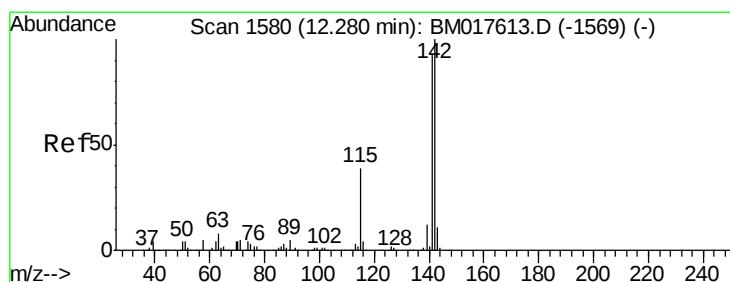
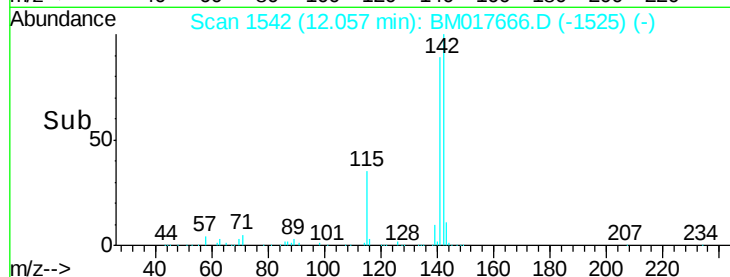
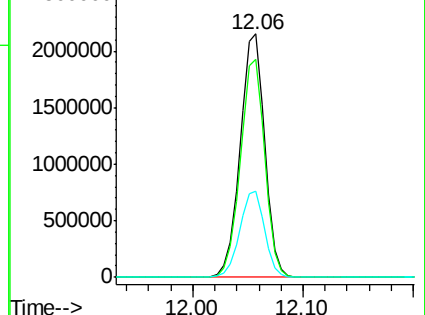
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 91.830 ng

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:142 Resp: 3188297

Ion Ratio Lower Upper

142 100

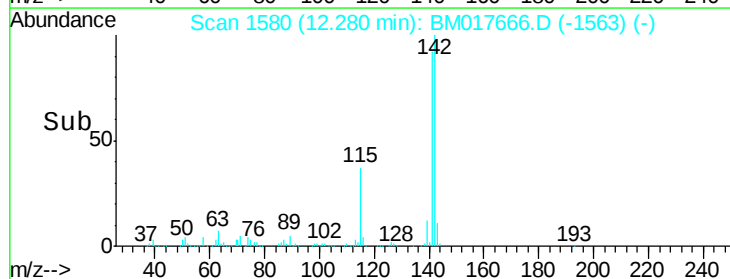
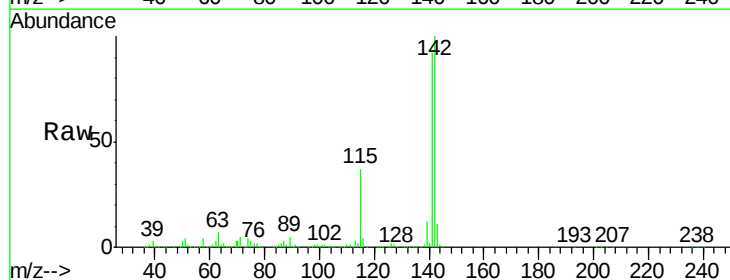
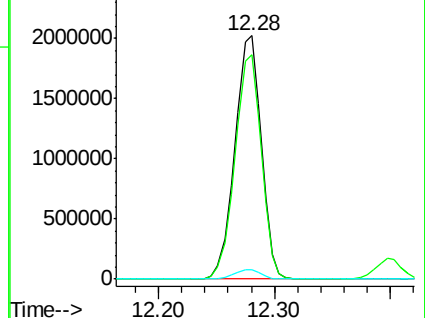
141 92.0 74.2 111.4

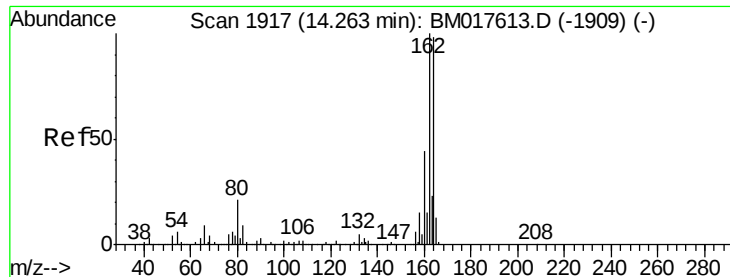
116 3.8 3.1 4.7

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





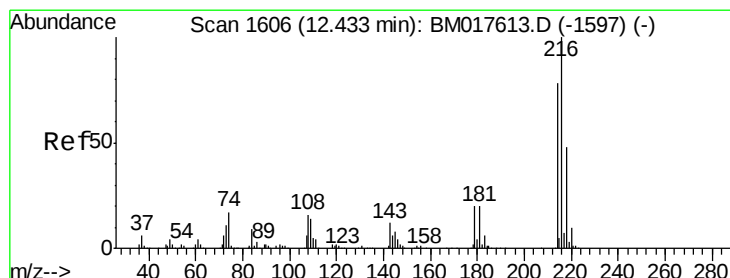
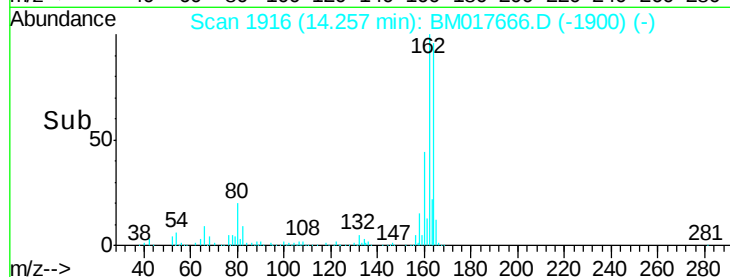
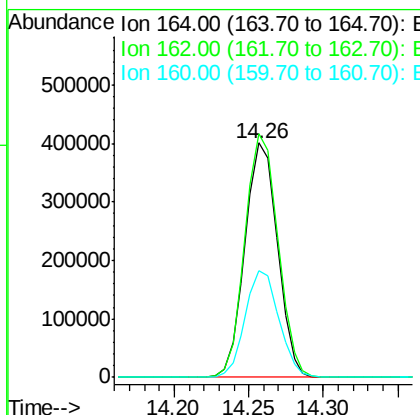
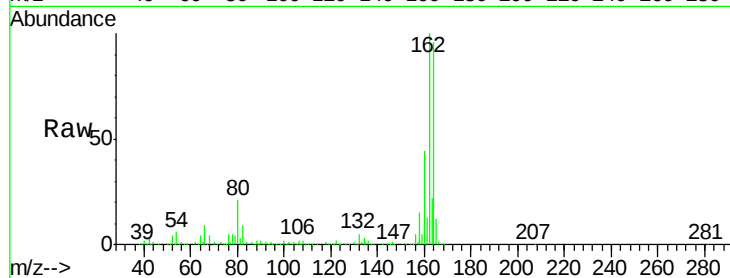
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	604369		
162	104.0	81.4	122.0	
160	45.7	35.6	53.4	

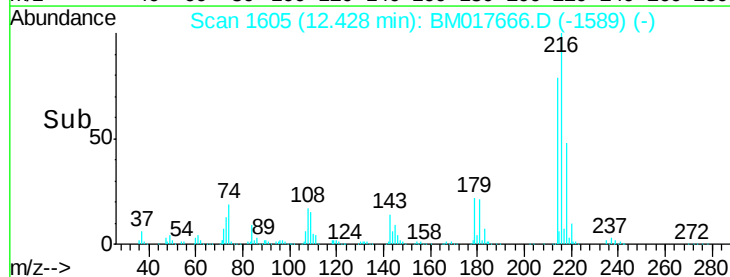
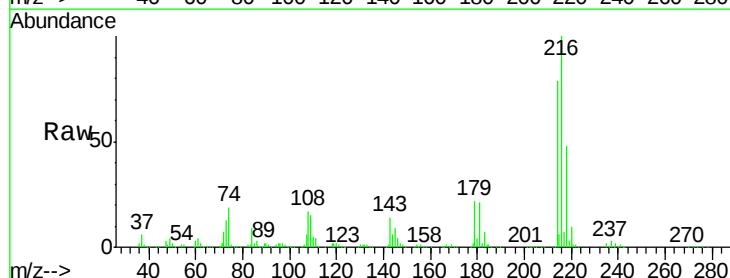
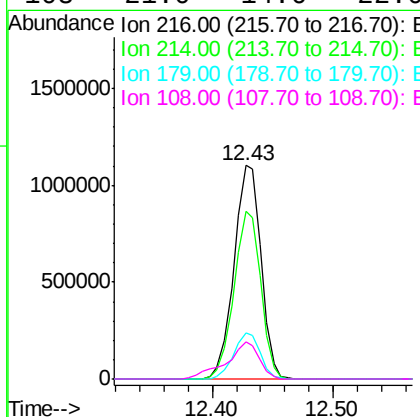
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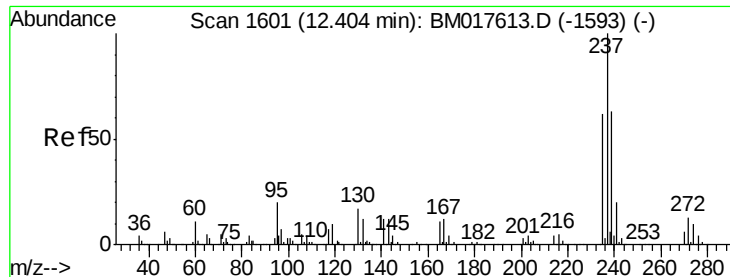
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.532 ng
RT: 12.43 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1716274		
214	77.9	62.5	93.7	
179	21.1	16.8	25.2	
108	21.0	14.6	22.0	





#41

Hexachlorocyclopentadiene

Concen: 203.520 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

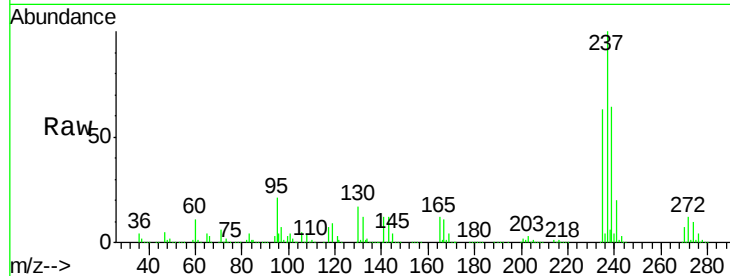
ClientSampleId :

PB114851BS

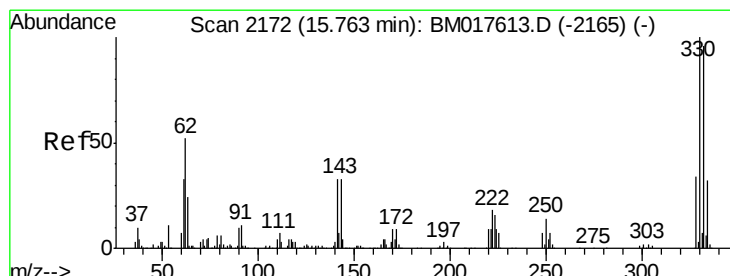
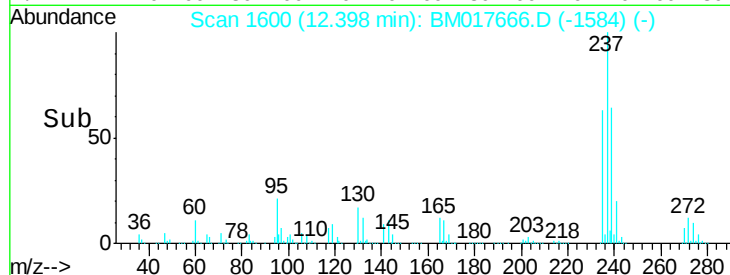
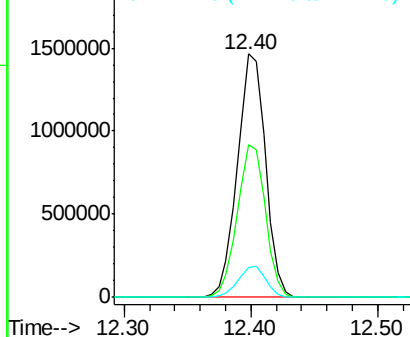
Tgt Ion:	237	Resp:	2241252
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.2	82.2
272	12.5	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 258.584 ng

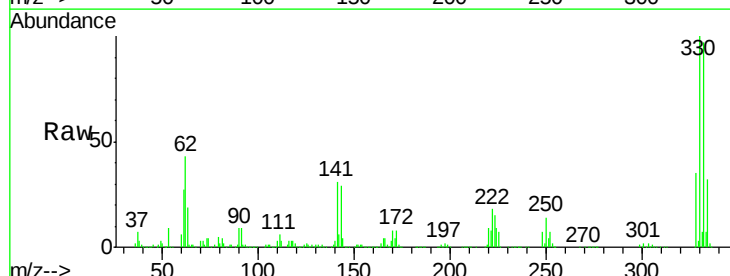
RT: 15.77 min Scan# 2173

Delta R.T. 0.01 min

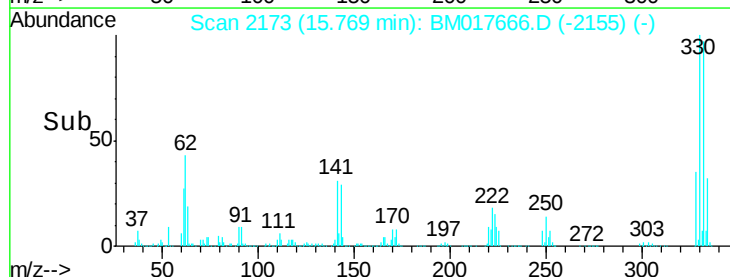
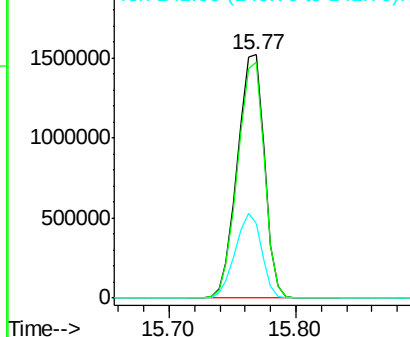
Lab File: BM017666.D

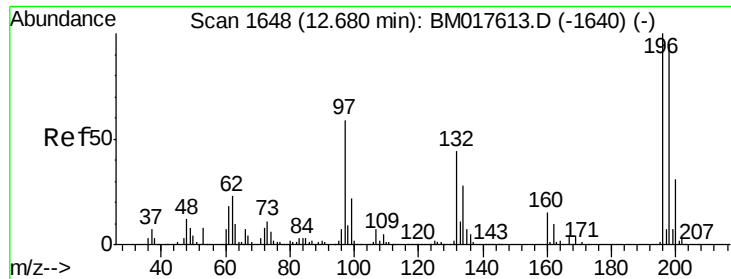
Acq: 15 Nov 2018 18:35

Tgt Ion:	330	Resp:	2245524
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.9	116.9
141	33.9	27.5	41.3



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





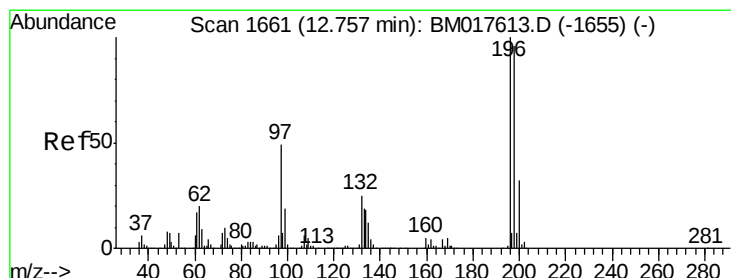
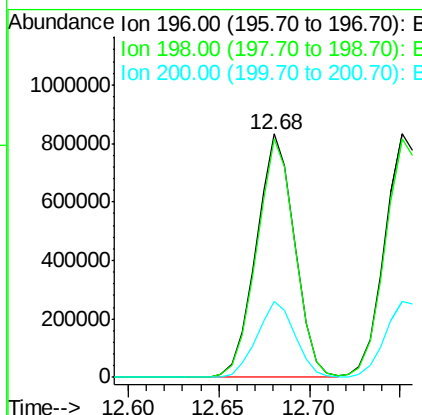
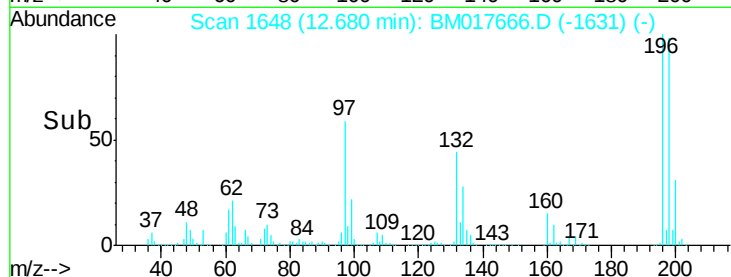
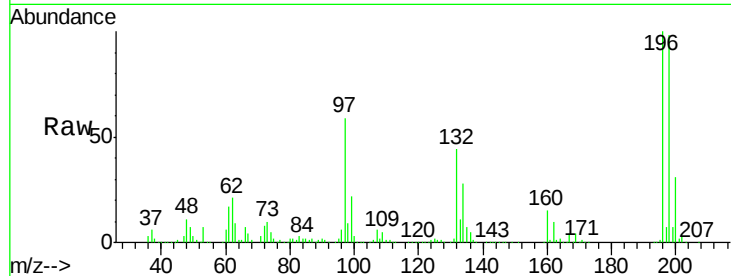
#43
 2,4,6-Trichlorophenol
 Concen: 91.383 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampled :
 PB114851BS

Tgt Ion:196 Resp: 1219864
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.6 113.4
 200 31.3 24.8 37.2

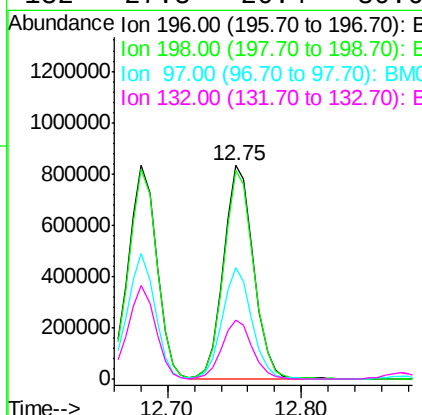
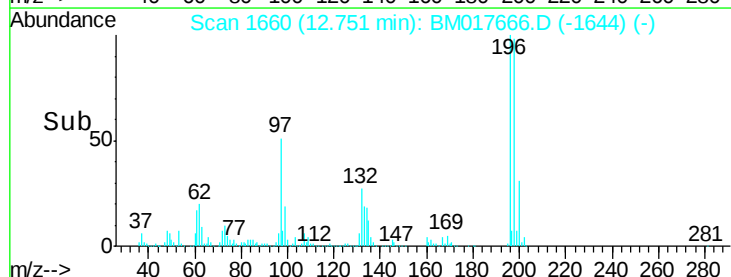
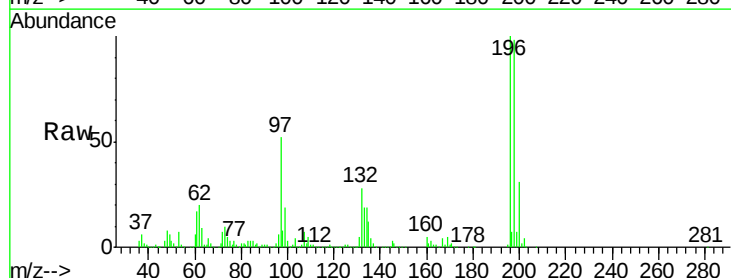
Manual Integrations
 APPROVED

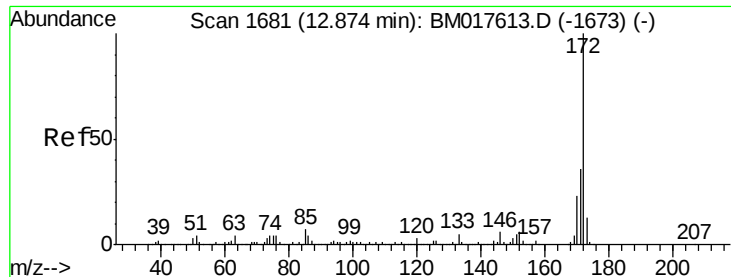
Sohil
 11/16/2018 3:57:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 92.177 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion:196 Resp: 1299217
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.8 115.2
 97 52.0 39.0 58.6
 132 27.8 20.4 30.6





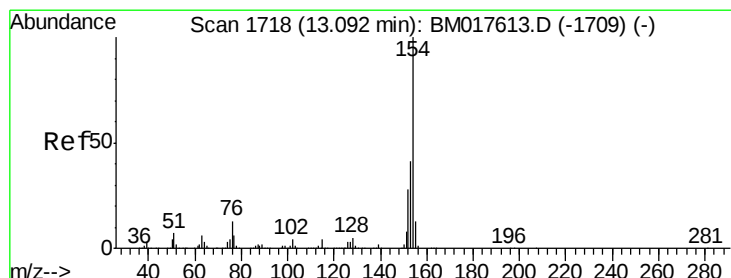
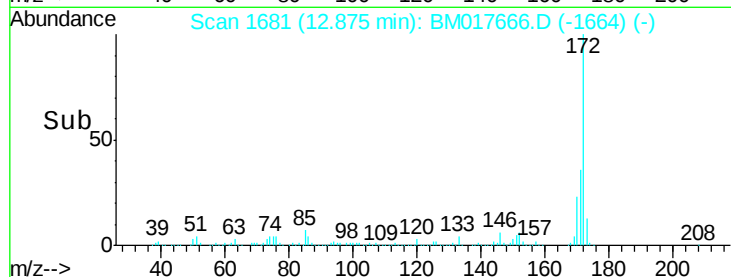
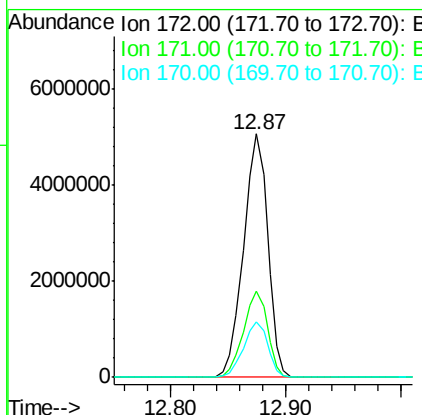
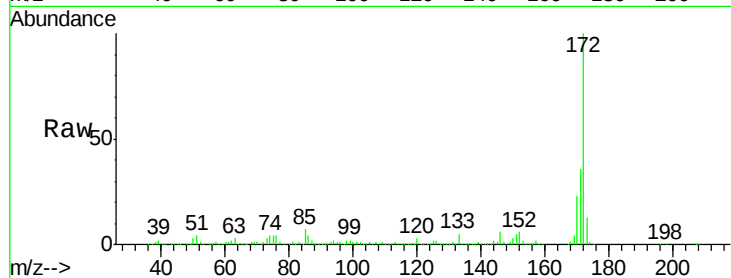
#45
2-Fluorobiphenyl
Concen: 158.561 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.0	18.3	27.5

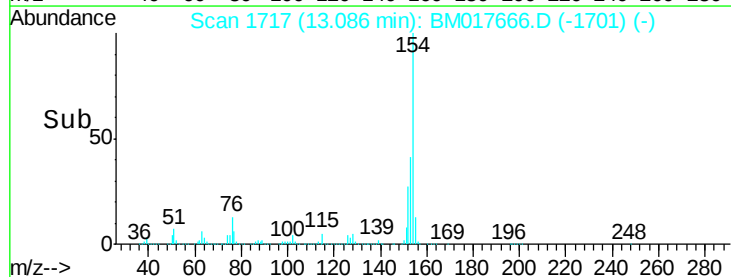
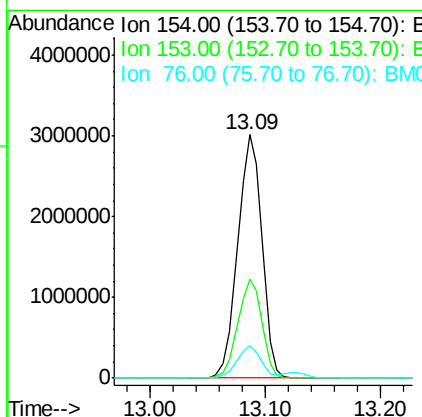
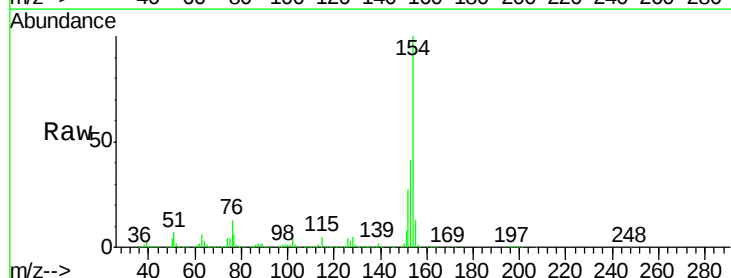
Manual Integrations
APPROVED

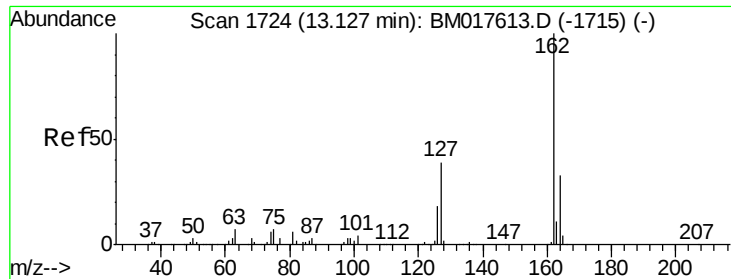
Sohil
11/16/2018 3:57:23 PM



#46
1,1'-Biphenyl
Concen: 80.004 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.2	0.0	32.8





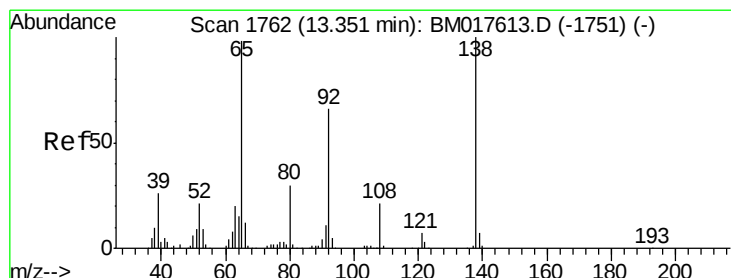
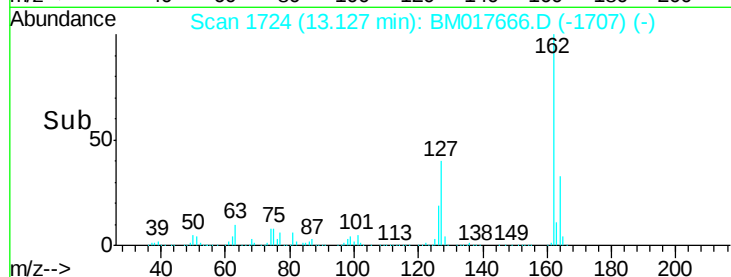
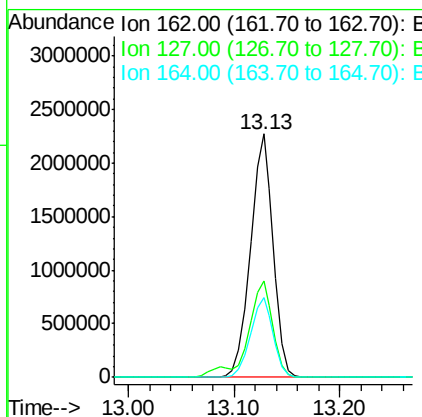
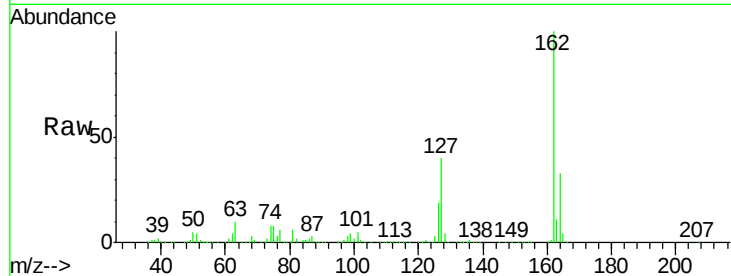
#47
2-Chloronaphthalene
Concen: 83.824 ng
RT: 13.13 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	32.7	26.5	39.7

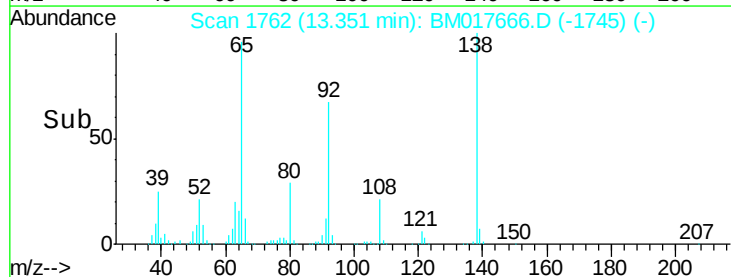
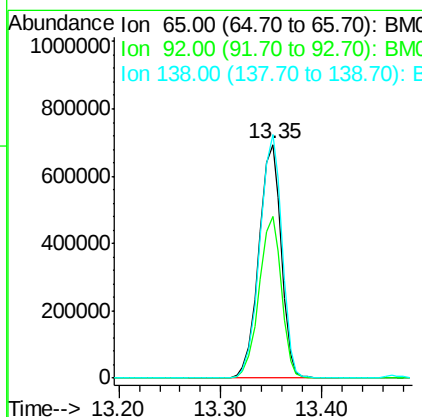
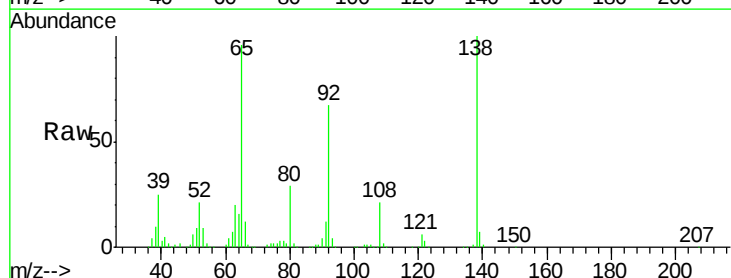
Manual Integrations
APPROVED

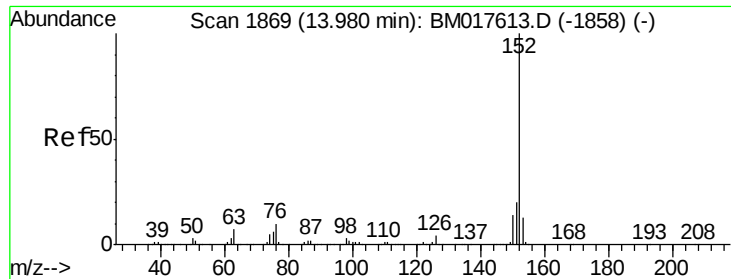
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#48
2-Nitroaniline
Concen: 85.637 ng
RT: 13.35 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.7	80.5
138	104.2	81.5	122.3





#49

Acenaphthylene

Concen: 93.405 ng

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:152 Resp: 5650782

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

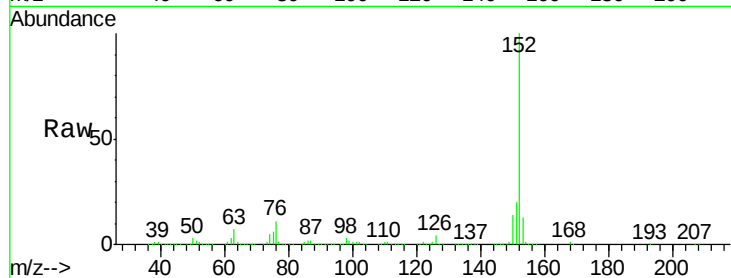
153 13.1 10.5 15.7

Manual Integrations

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Sohil

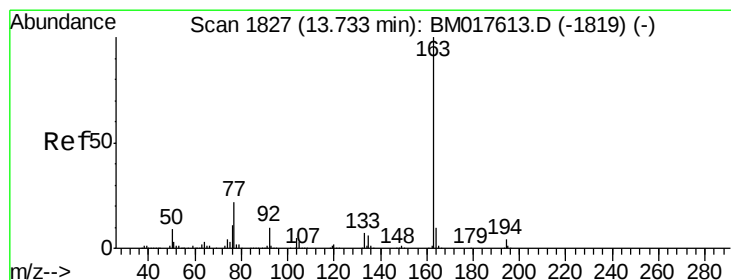
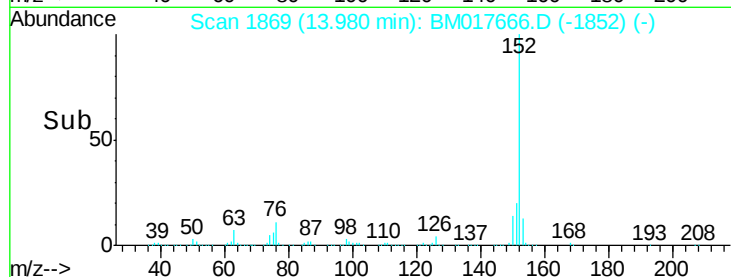
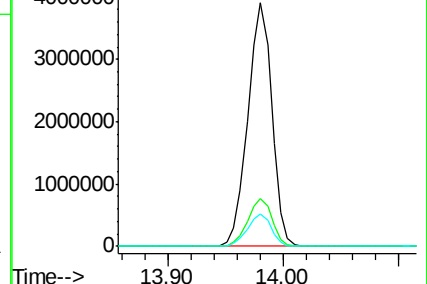
11/16/2018 3:57:23 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 88.417 ng

RT: 13.74 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

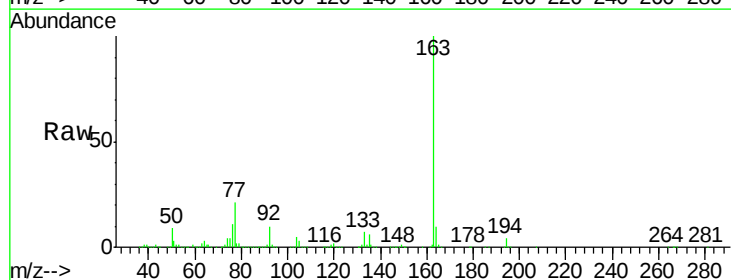
Tgt Ion:163 Resp: 4344561

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

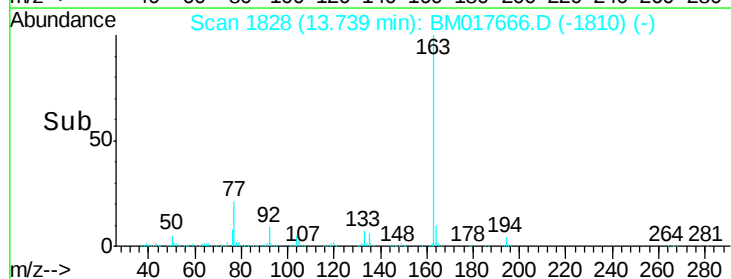
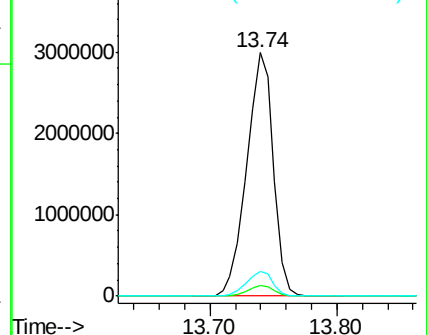
164 10.0 8.2 12.4

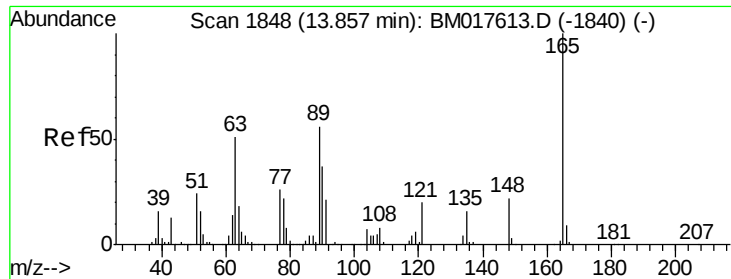


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





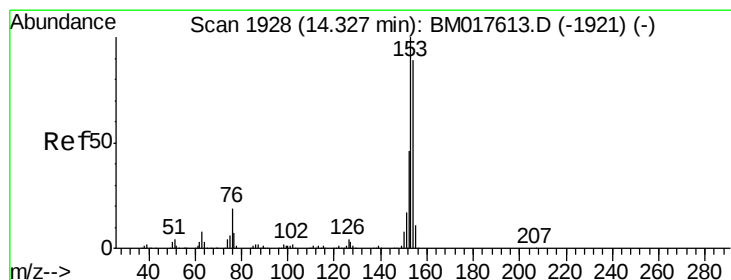
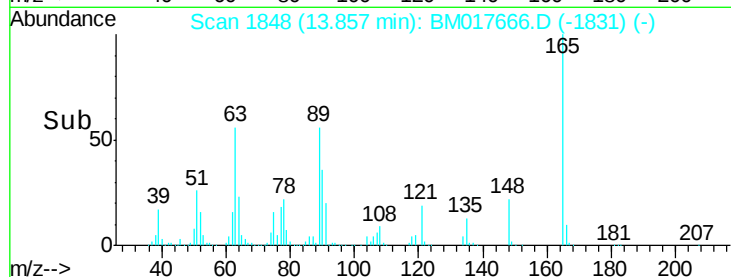
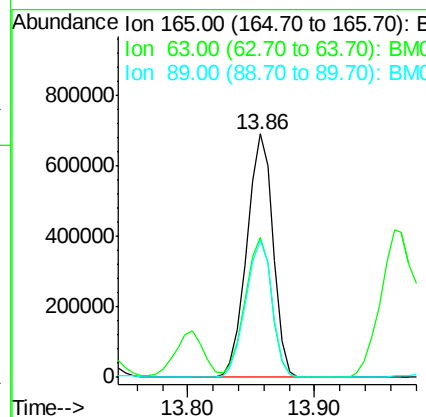
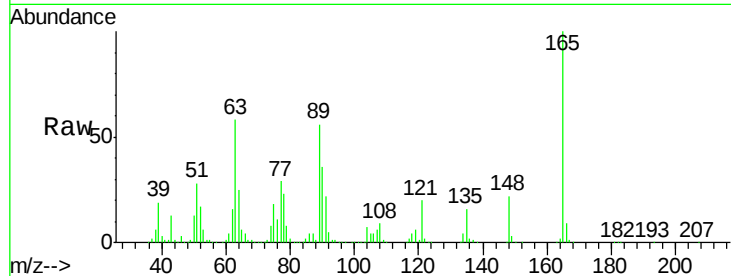
#51
2,6-Dinitrotoluene
Concen: 90.728 ng
RT: 13.86 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	992719		
63	57.7	47.3	70.9	
89	56.3	44.8	67.2	

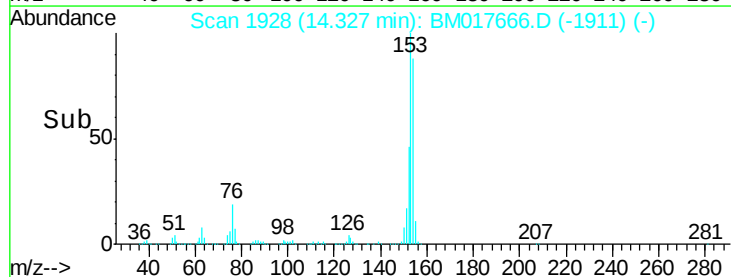
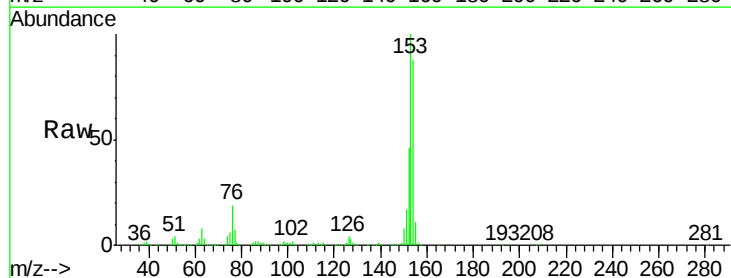
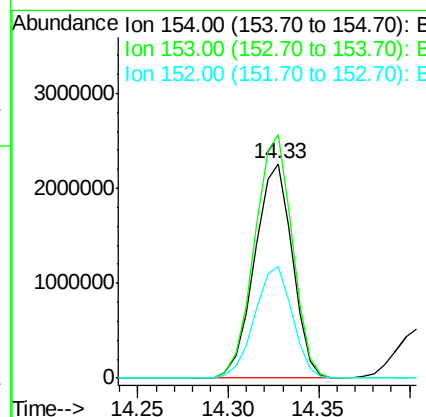
Manual Integrations
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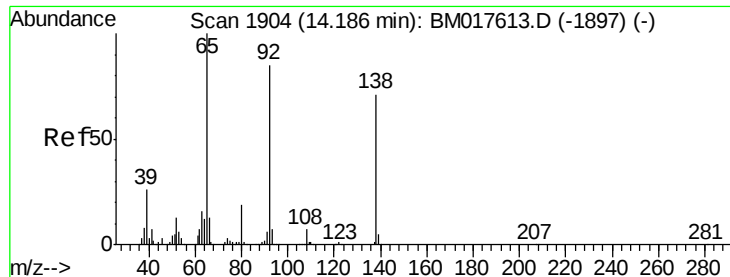
Sohil
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#52
Acenaphthene
Concen: 88.098 ng
RT: 14.33 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	3270875		
153	113.3	90.2	135.4	
152	52.2	41.6	62.4	





#53

3-Nitroaniline

Concen: 27.390 ng

RT: 14.19 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

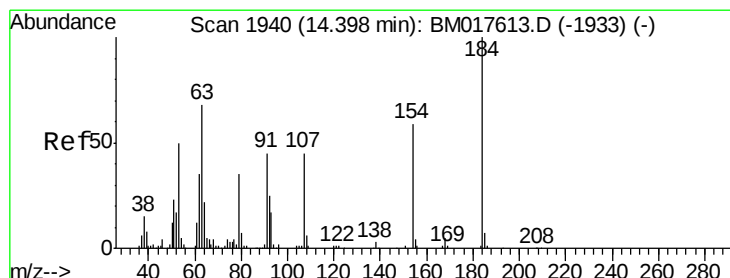
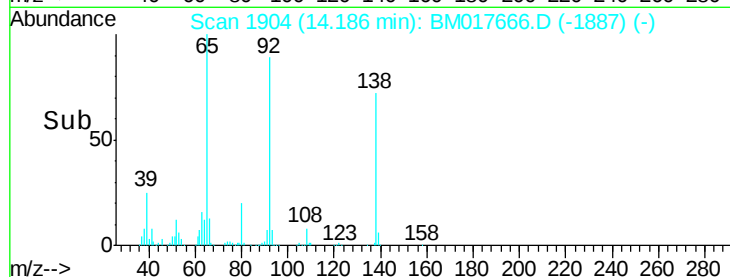
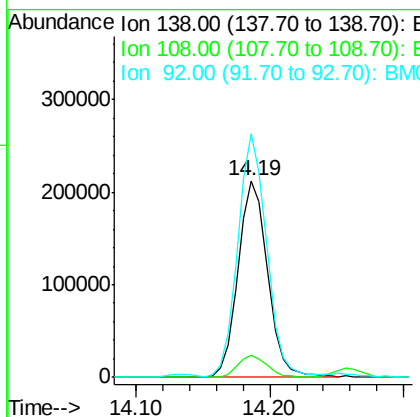
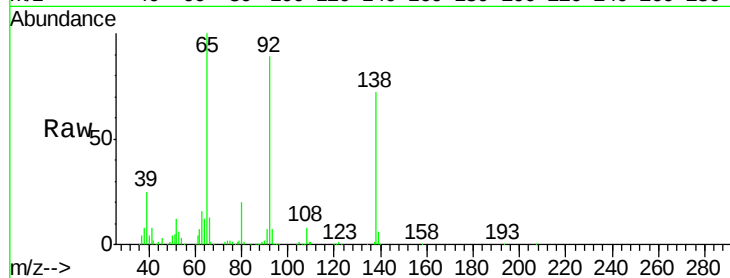
ClientSampleId :

PB114851BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	326285		
108	11.1	8.2	12.2	
92	123.8	95.4	143.2	

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 173.845 ng

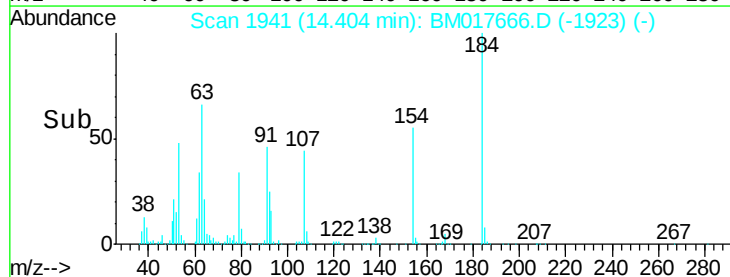
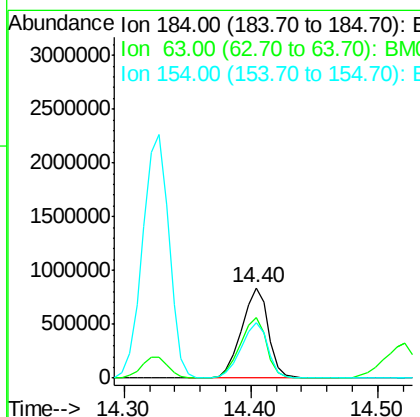
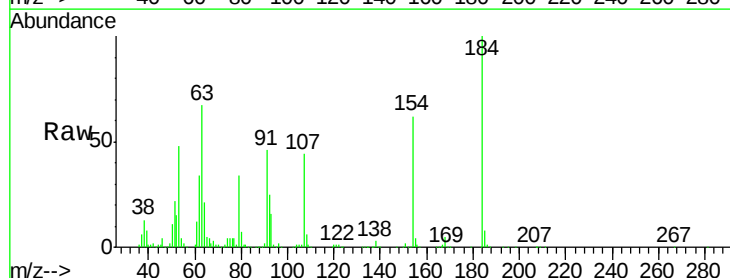
RT: 14.40 min Scan# 1941

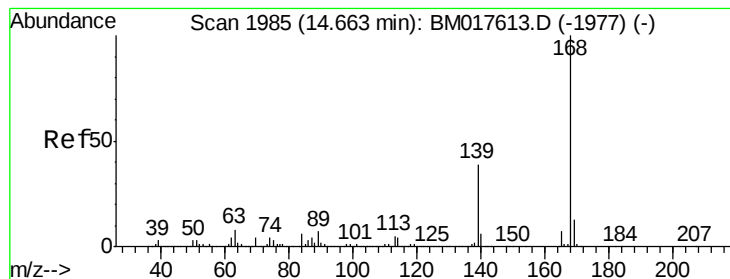
Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	1222572		
63	66.9	55.1	82.7	
154	61.7	51.3	76.9	





#55

Dibenzofuran

Concen: 87.187 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampled :

PB114851BS

Tgt Ion:168 Resp: 5290019

Ion Ratio Lower Upper

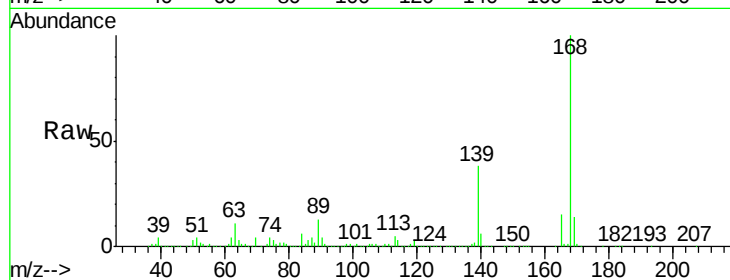
168 100

139 37.7 31.0 46.6

169 13.6 10.6 16.0

Manual Integrations
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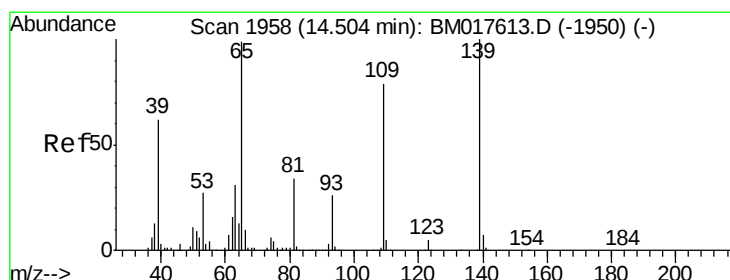
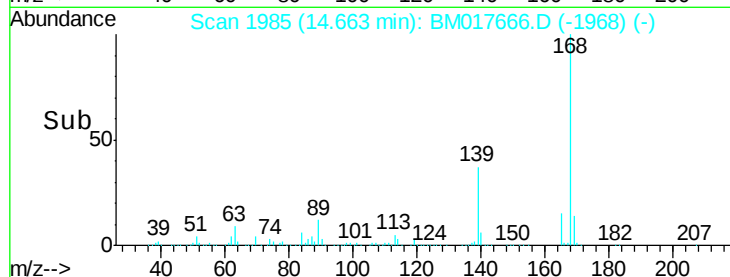
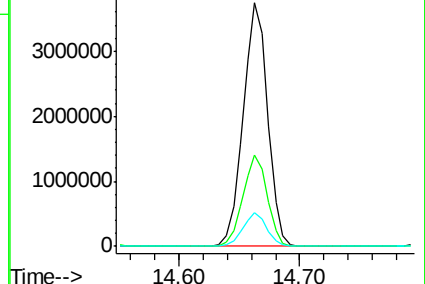
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 168.545 ng

RT: 14.52 min Scan# 1961

Delta R.T. 0.02 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

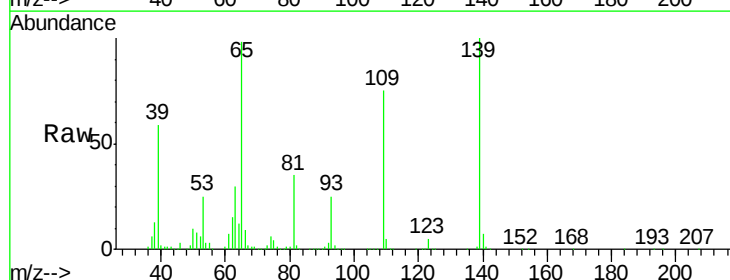
Tgt Ion:139 Resp: 1746252

Ion Ratio Lower Upper

139 100

109 75.3 58.6 98.6

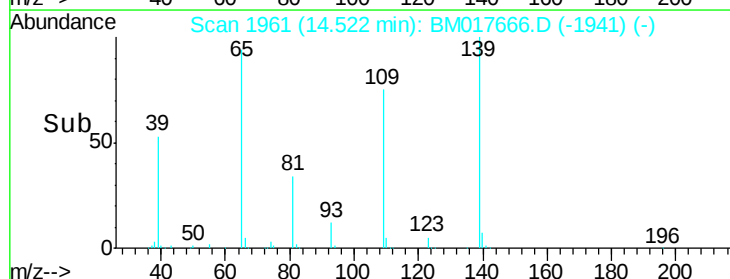
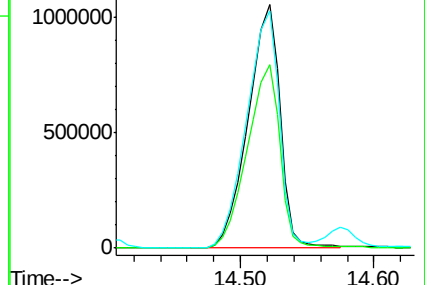
65 97.7 79.5 119.5

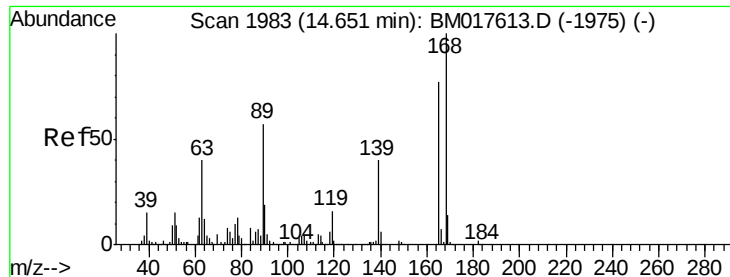


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





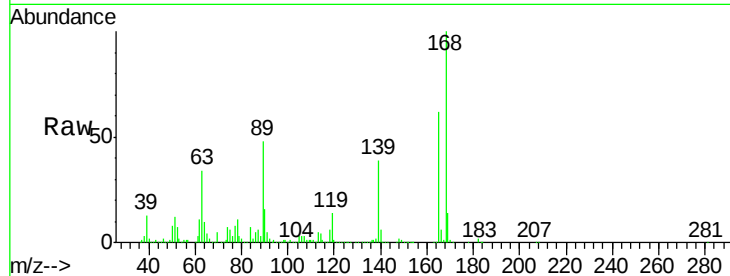
#57
 2,4-Dinitrotoluene
 Concen: 94.863 ng
 RT: 14.65 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

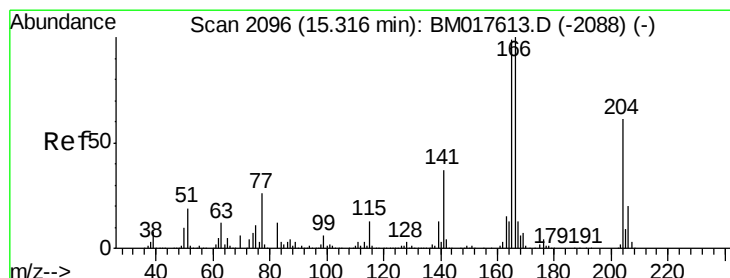
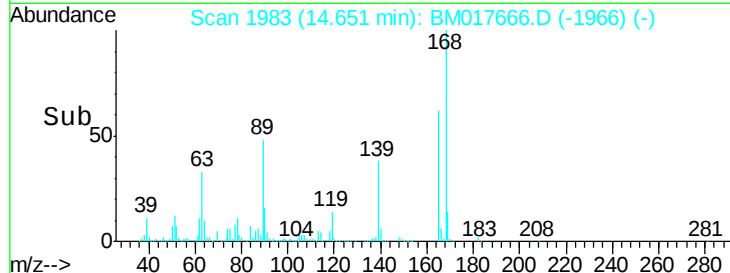
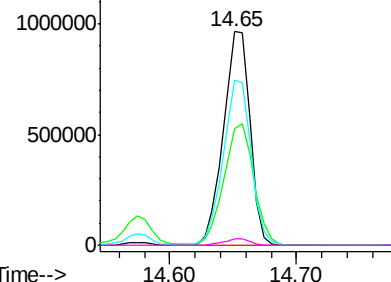
Tgt Ion:165 Resp: 1399147
 Ion Ratio Lower Upper
 165 100
 63 54.4 41.8 62.8
 89 77.4 59.5 89.3
 182 2.9 2.3 3.5

Manual Integrations
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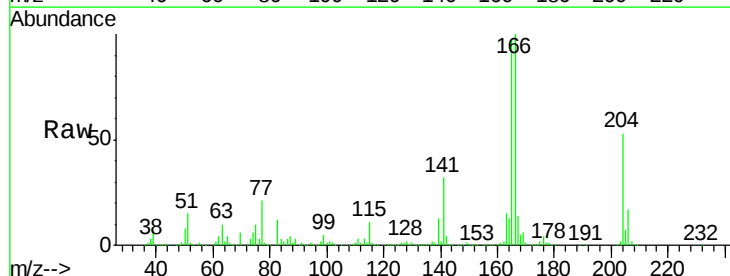


Abundance Ion 165.00 (164.70 to 165.70): E
 1500000
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

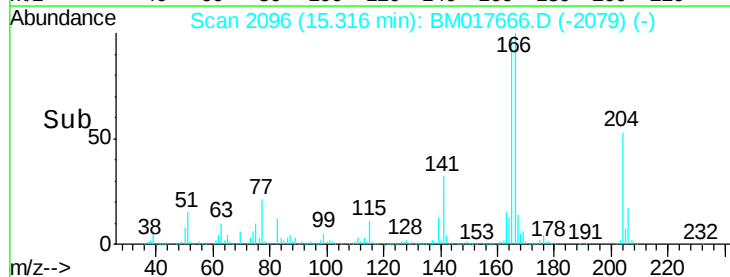
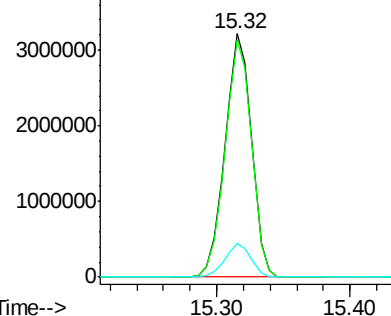


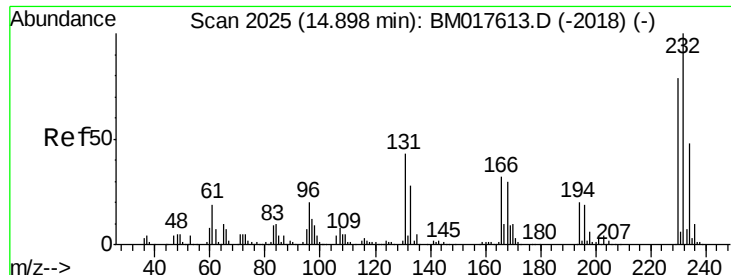
#58
 Fluorene
 Concen: 94.407 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion:166 Resp: 4385158
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.0 118.6
 167 13.7 10.8 16.2



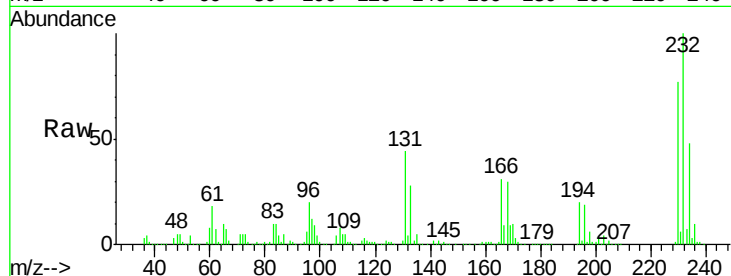
Abundance Ion 166.00 (165.70 to 166.70): E
 4000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 96.616 ng
 RT: 14.90 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

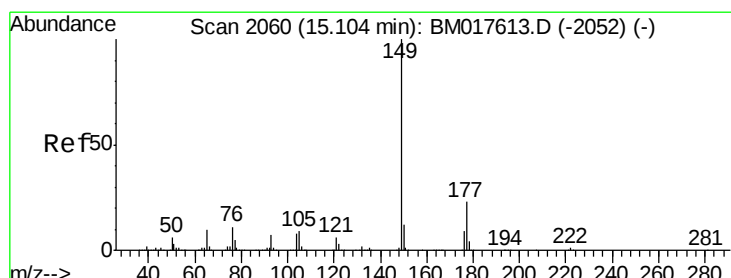
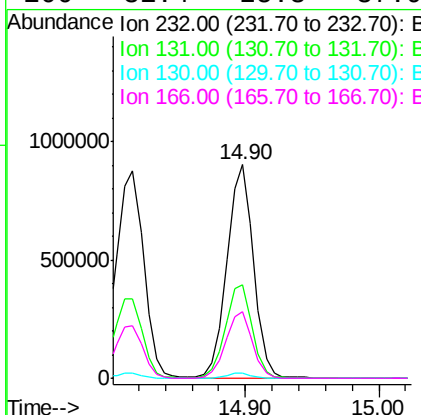
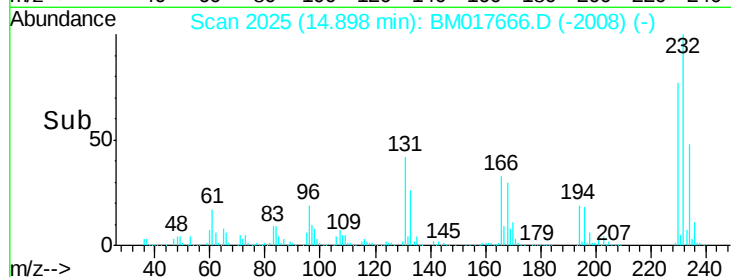
Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS



Tgt Ion: 232 Resp: 1252530
 Ion Ratio Lower Upper
 232 100
 131 44.2 34.8 52.2
 130 2.3 1.9 2.9
 166 31.4 25.3 37.9

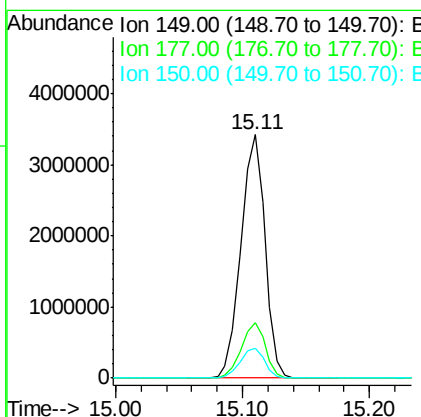
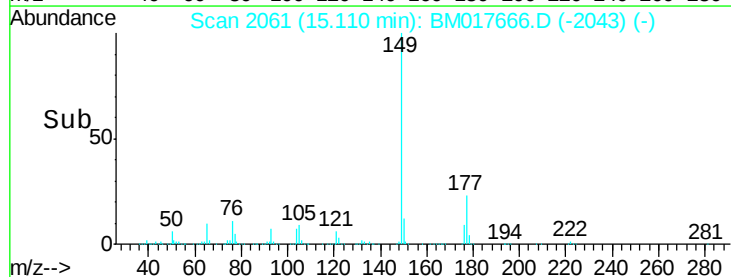
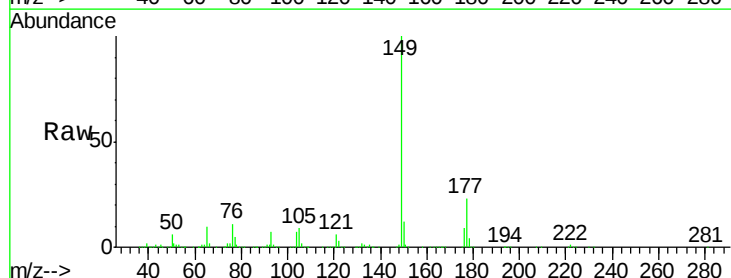
Manual Integrations
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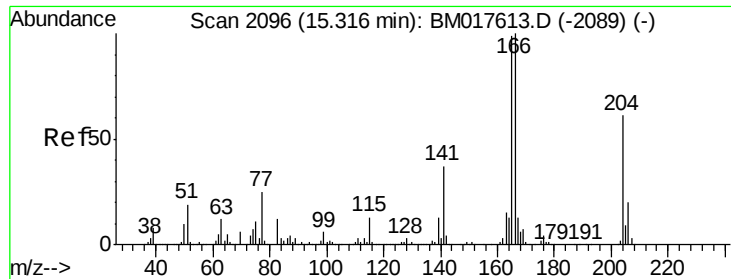
Sohil
 11/16/2018 3:57:23 PM



#60
 Diethylphthalate
 Concen: 84.533 ng
 RT: 15.11 min Scan# 2061
 Delta R.T. 0.01 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion: 149 Resp: 4488071
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.1 27.1
 150 12.4 9.9 14.9





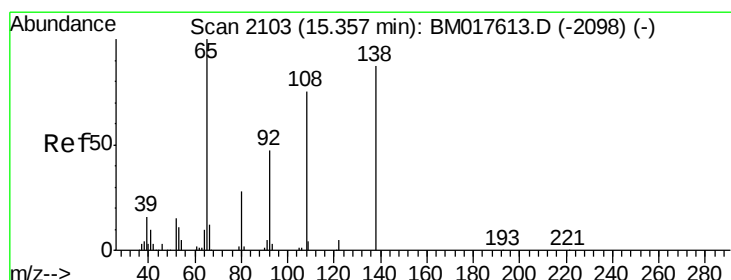
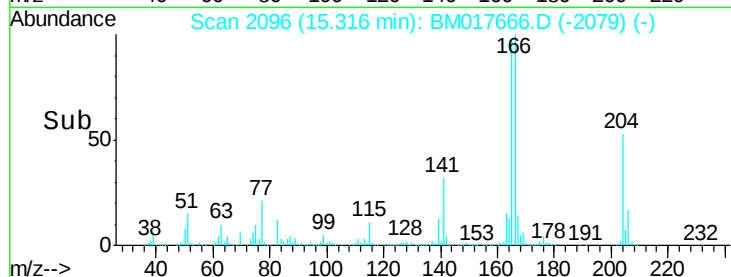
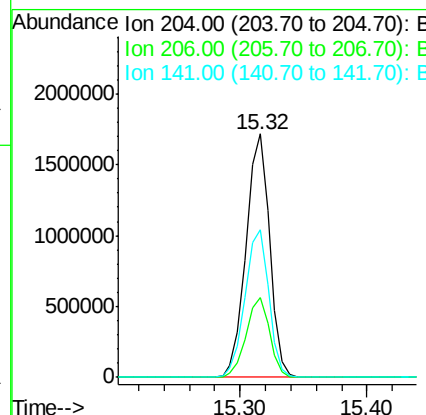
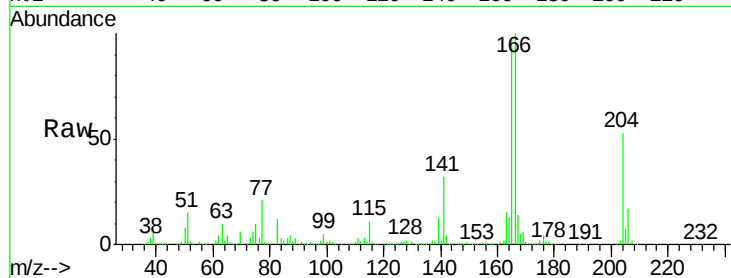
#61
4-Chlorophenyl-phenylether
Concen: 83.634 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion:204 Resp: 2207113
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 60.4 47.9 71.9

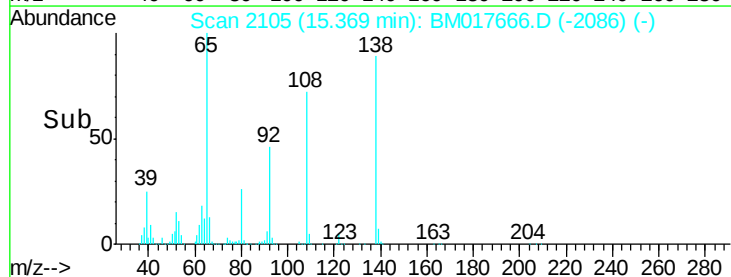
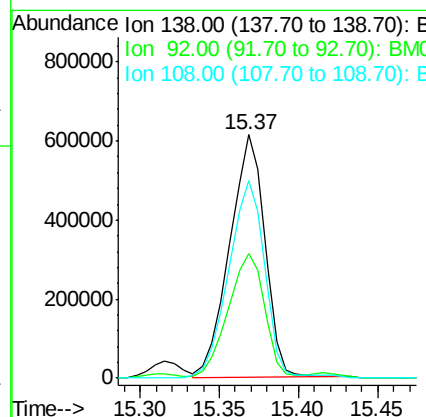
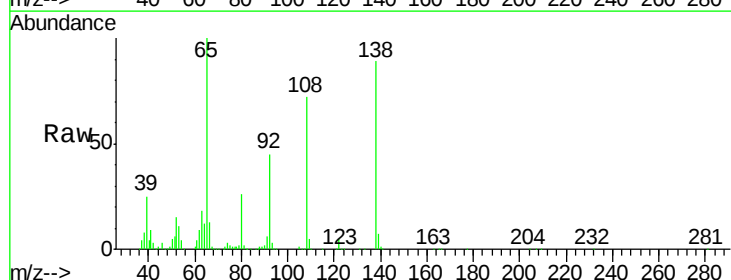
Manual Integrations
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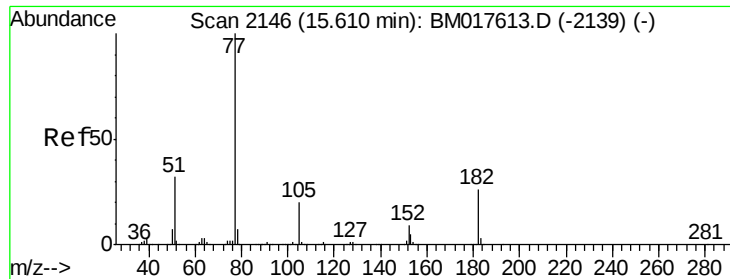
Sohil
11/16/2018 3:57:23 PM



#62
4-Nitroaniline
Concen: 84.457 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion:138 Resp: 948214
Ion Ratio Lower Upper
138 100
92 51.3 33.4 73.4
108 81.3 64.3 104.3





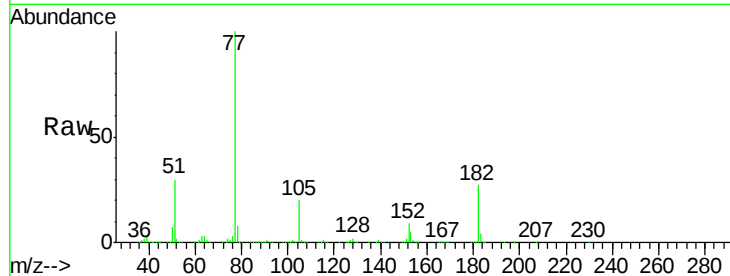
#63
Azobenzene
Concen: 88.297 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

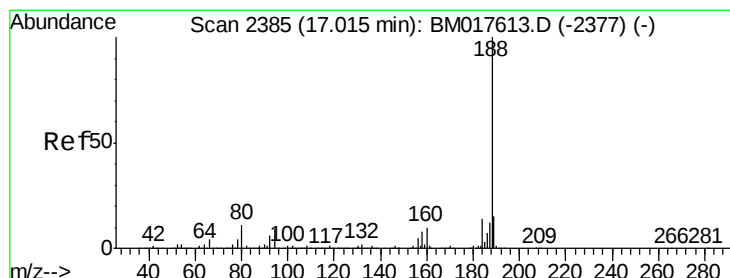
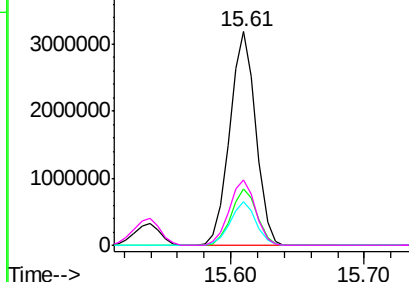
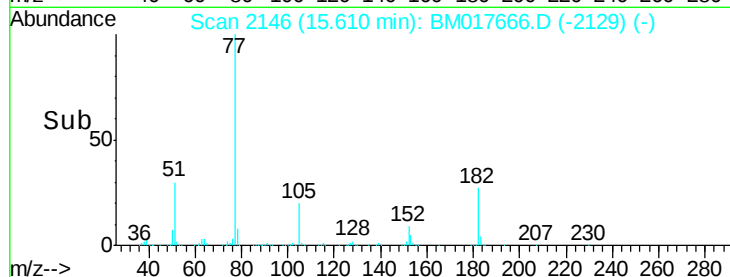
Tgt Ion: 77 Resp: 4333604
Ion Ratio Lower Upper
77 100
182 26.6 5.8 45.8
105 20.4 0.0 40.0
51 30.3 12.5 52.5

Manual Integrations
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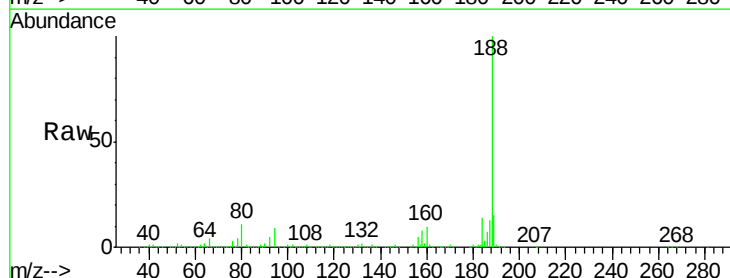


Abundance Ion 77.00 (76.70 to 77.70): BM017666.D (-2129) (-)
Ion 182.00 (181.70 to 182.70): BM017666.D (-2129) (-)
Ion 105.00 (104.70 to 105.70): BM017666.D (-2129) (-)
Ion 51.00 (50.70 to 51.70): BM017666.D (-2129) (-)

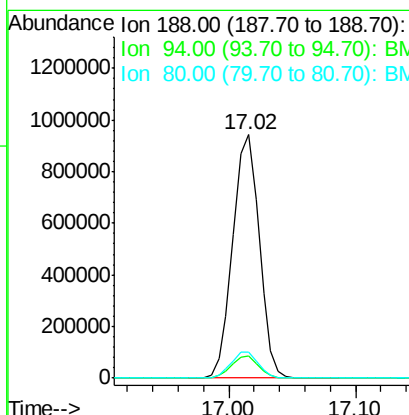
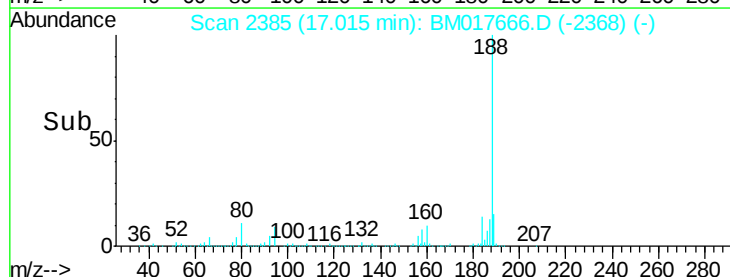


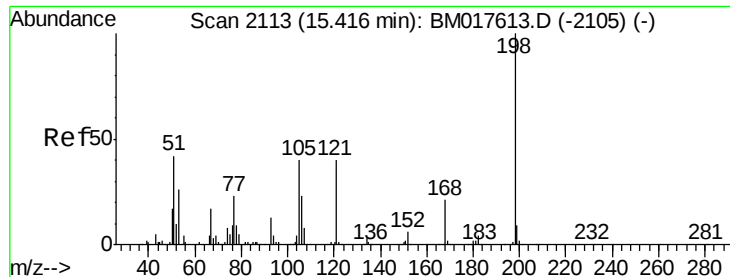
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion: 188 Resp: 1364221
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BM017666.D (-2368) (-)
Ion 94.00 (93.70 to 94.70): BM017666.D (-2368) (-)
Ion 80.00 (79.70 to 80.70): BM017666.D (-2368) (-)





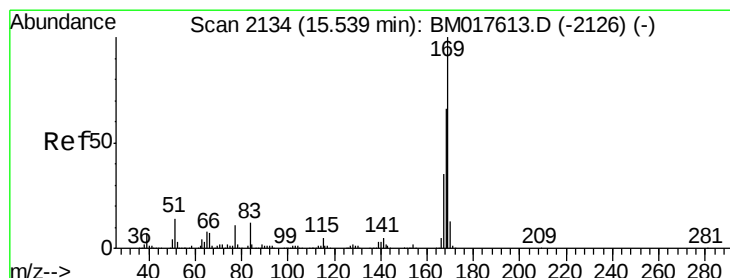
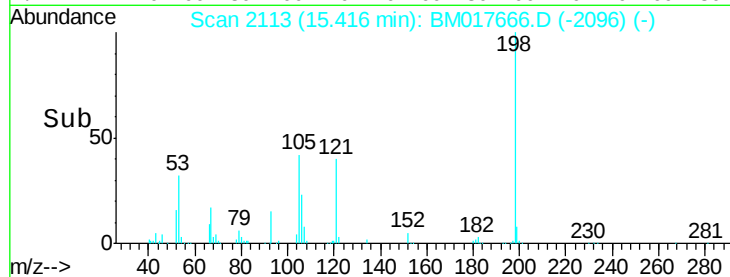
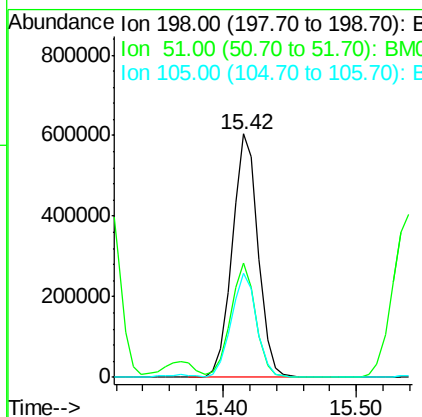
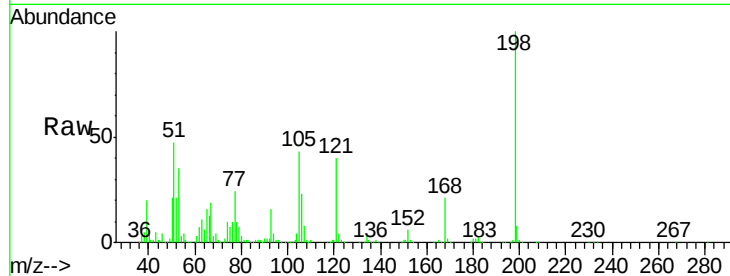
#65
4,6-Dinitro-2-methylphenol
Concen: 86.443 ng
RT: 15.42 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	816941		
51	47.1	25.9	65.9	
105	42.5	20.6	60.6	

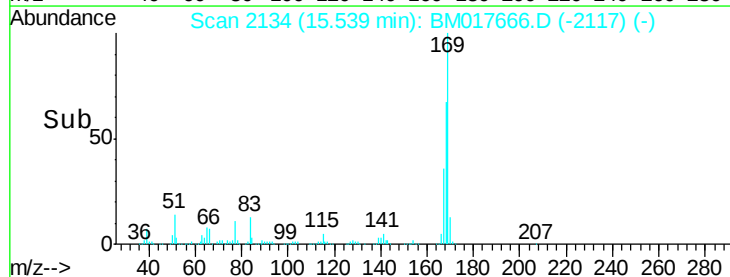
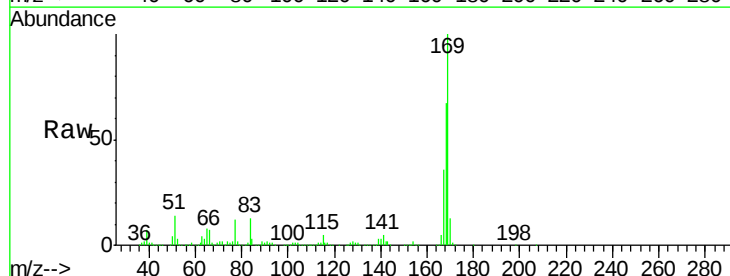
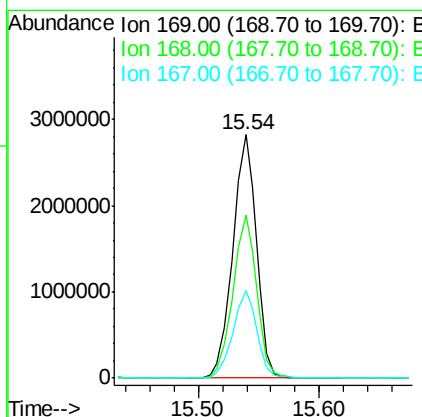
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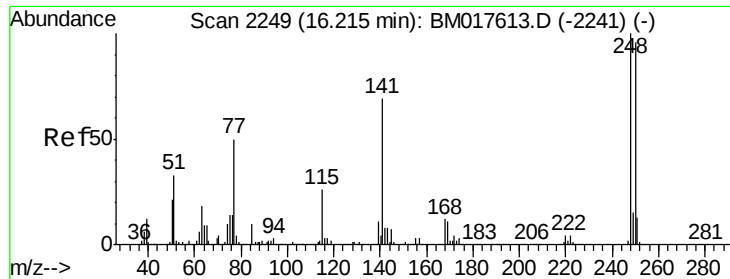
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#66
n-Nitrosodiphenylamine
Concen: 87.623 ng
RT: 15.54 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	3843258		
168	66.8	53.0	79.6	
167	35.9	28.0	42.0	





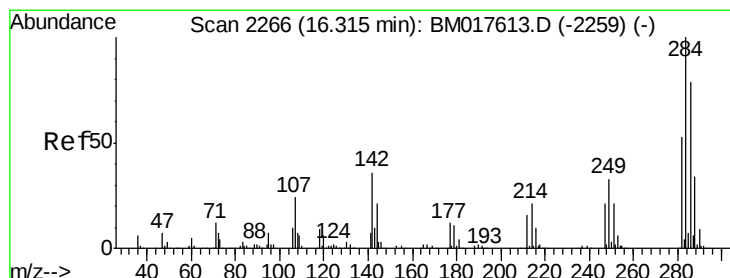
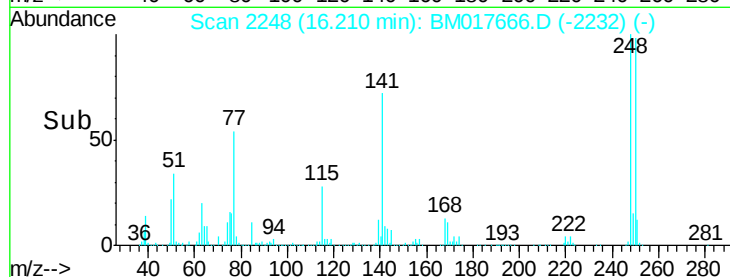
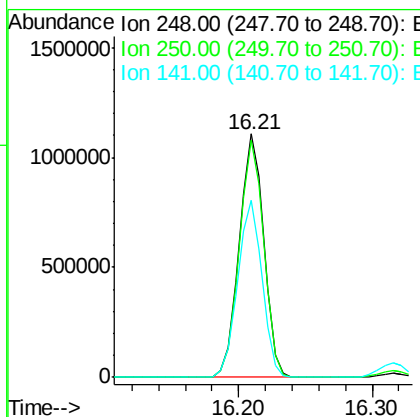
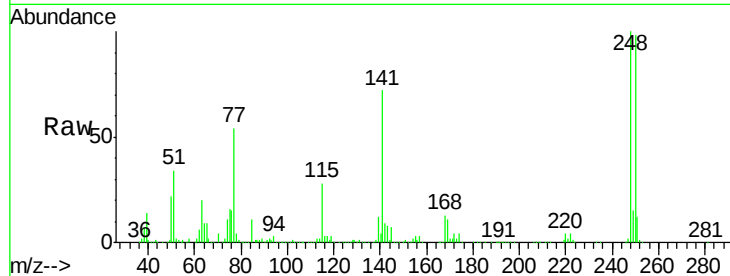
#67
 4-Bromophenyl-phenylether
 Concen: 87.264 ng
 RT: 16.21 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampled :
 PB114851BS

Tgt Ion:248 Resp: 1407961
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.5 114.7
 141 72.5 54.9 82.3

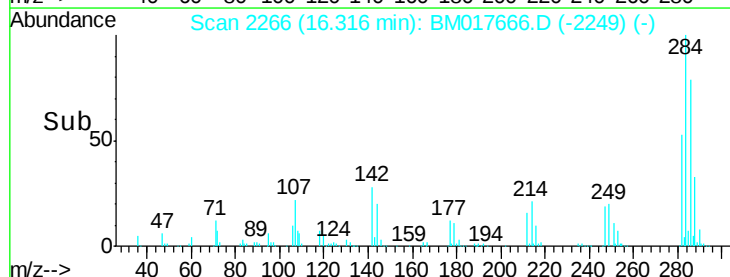
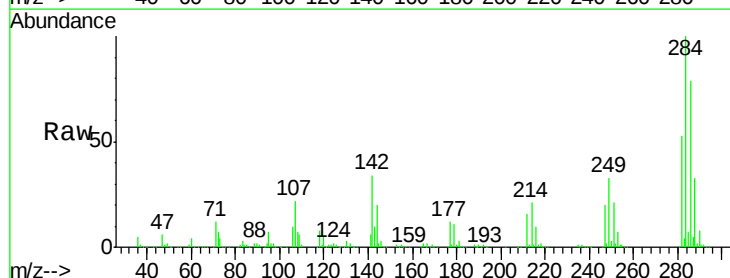
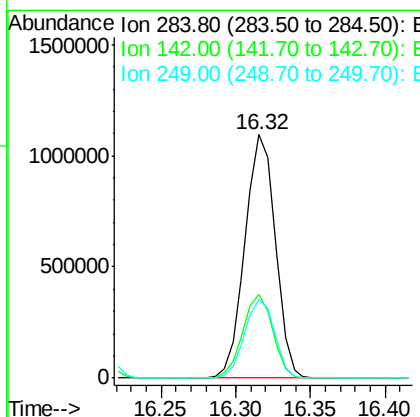
Manual Integrations
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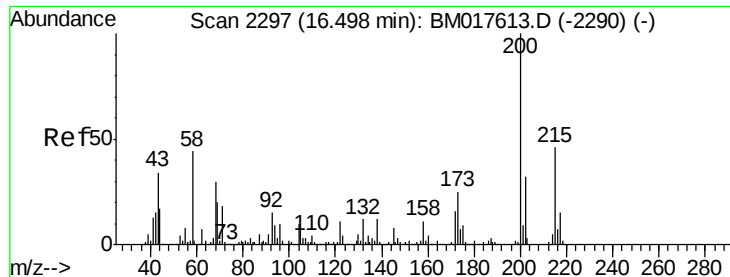
Sohil
 11/16/2018 3:57:23 PM



#68
 Hexachlorobenzene
 Concen: 84.564 ng
 RT: 16.32 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion:284 Resp: 1538127
 Ion Ratio Lower Upper
 284 100
 142 34.4 28.4 42.6
 249 32.5 26.4 39.6





#69

Atrazine

Concen: 88.117 ng

RT: 16.50 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:200 Resp: 1421527

Ion Ratio Lower Upper

200 100

173 25.4 5.1 45.1

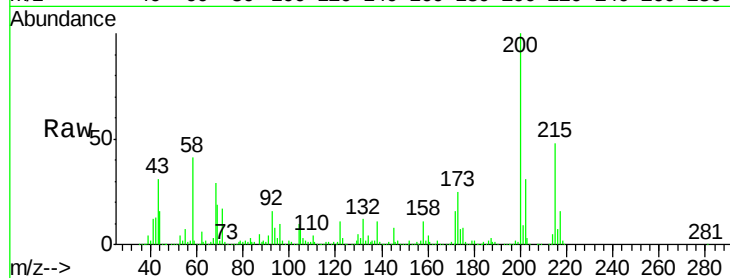
215 48.2 25.8 65.8

Manual Integrations

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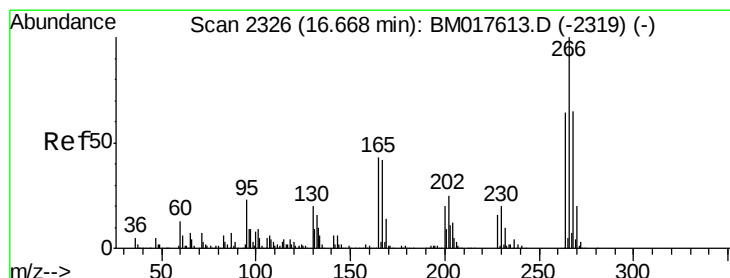
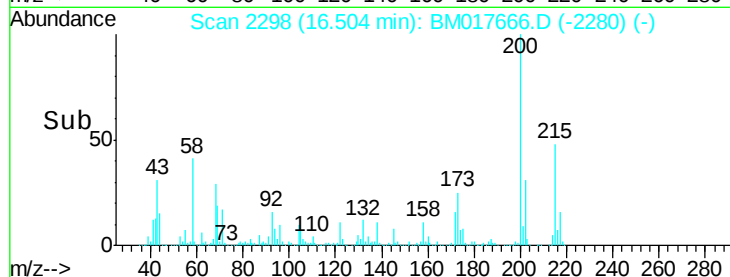
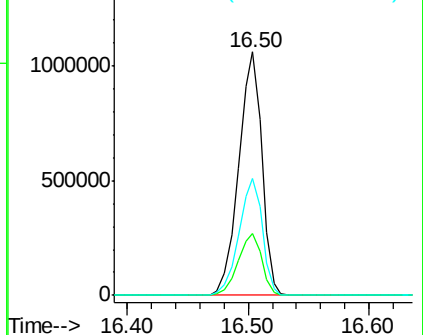
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 157.652 ng

RT: 16.67 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

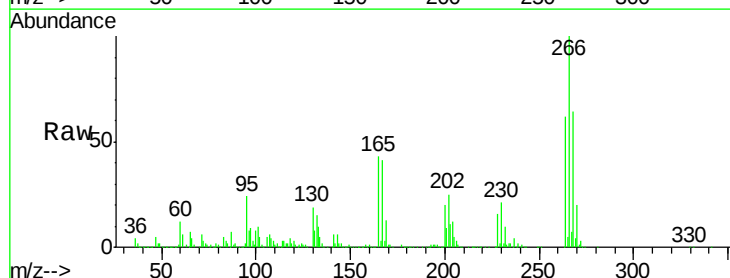
Tgt Ion:266 Resp: 2009184

Ion Ratio Lower Upper

266 100

268 64.2 51.7 77.5

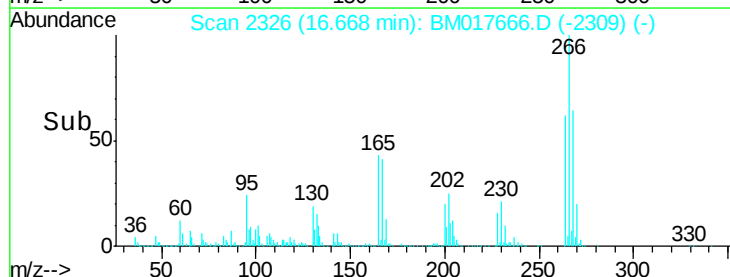
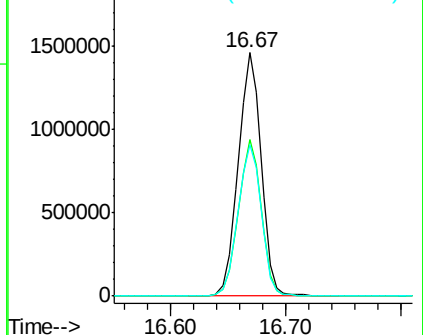
264 62.2 51.3 76.9

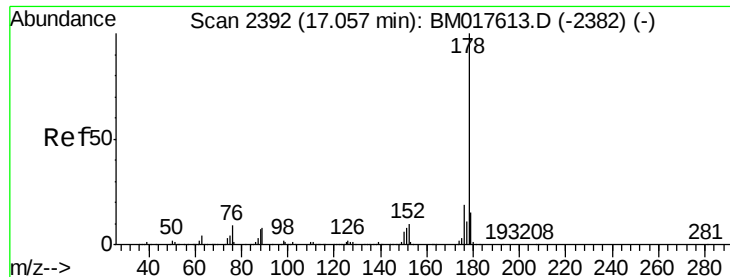


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





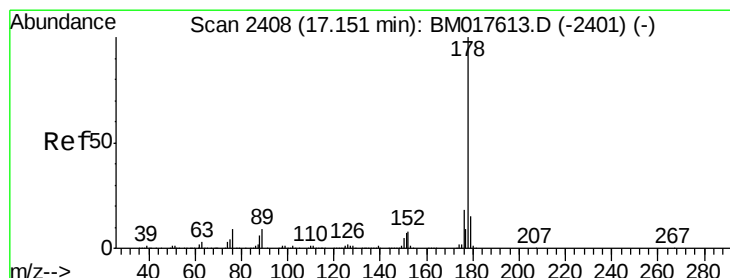
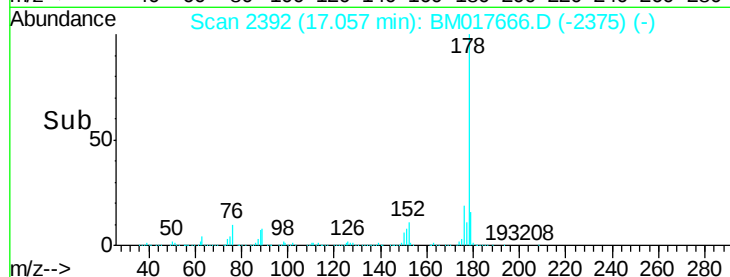
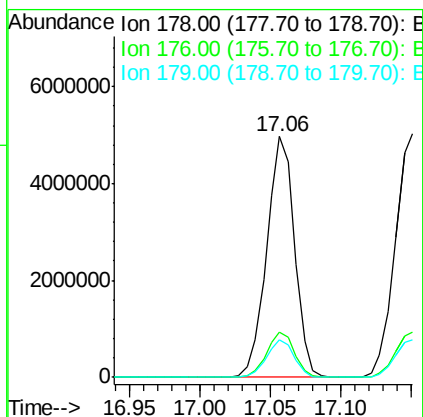
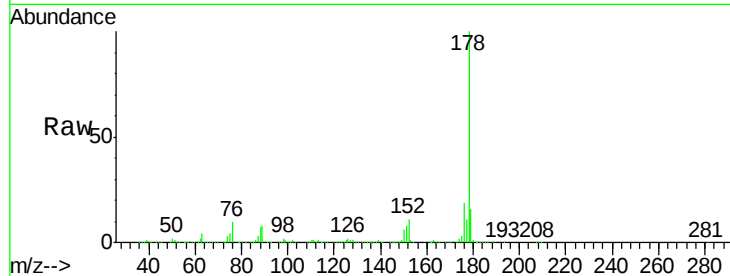
#71
Phenanthrene
Concen: 92.846 ng
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion:178 Resp: 6873018
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.6 12.4 18.6

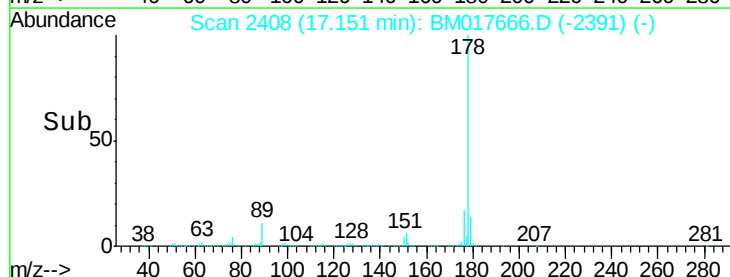
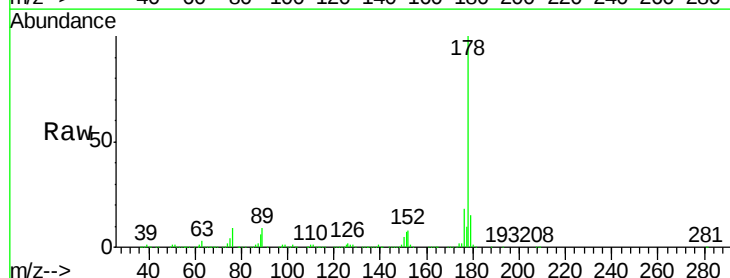
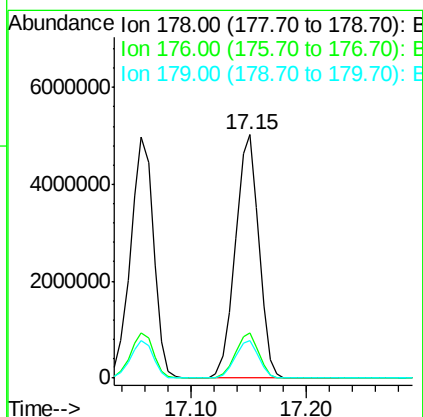
Manual Integrations
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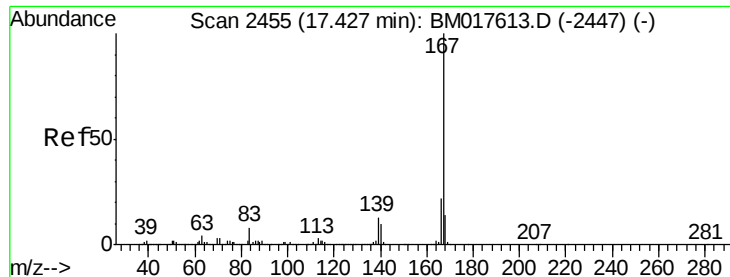
Sohil
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#72
Anthracene
Concen: 97.750 ng
RT: 17.15 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion:178 Resp: 7041302
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.5 12.3 18.5





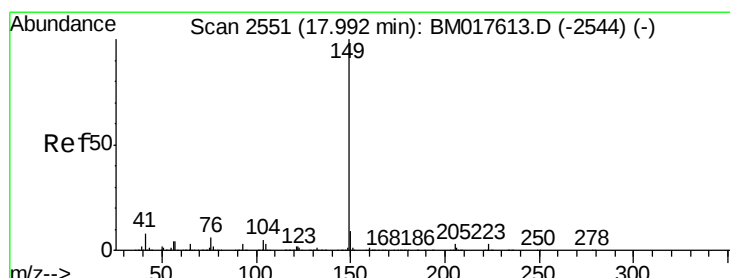
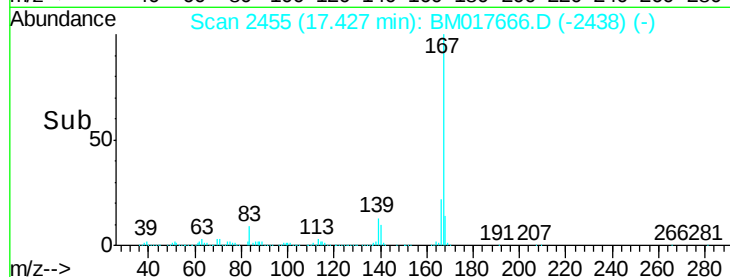
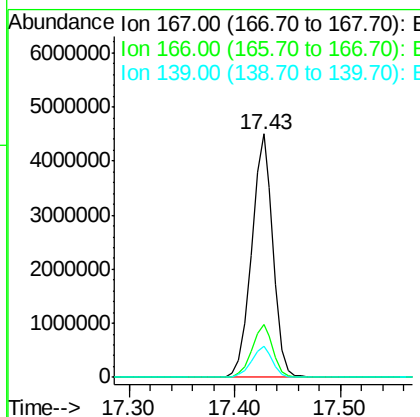
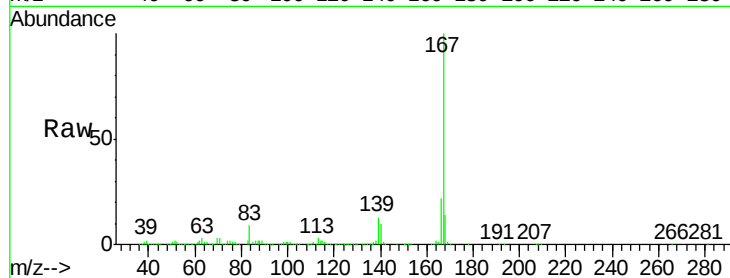
#73
 Carbazole
 Concen: 86.972 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tgt Ion:167 Resp: 6330584
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.0 10.2 15.4

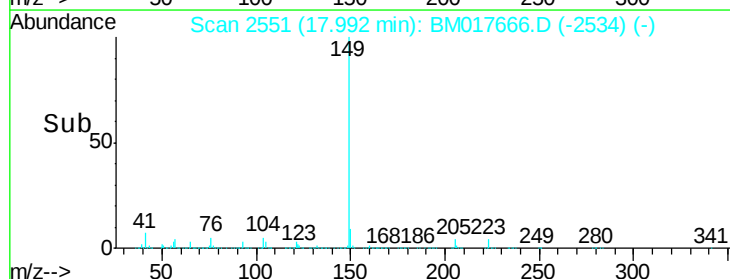
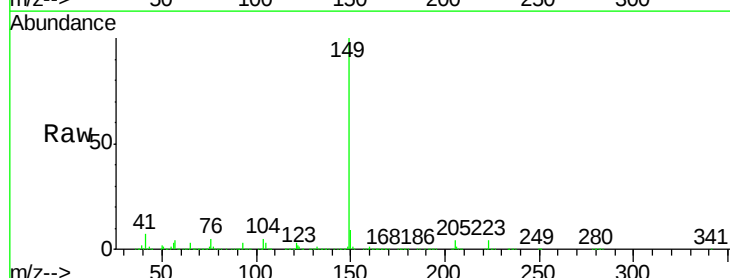
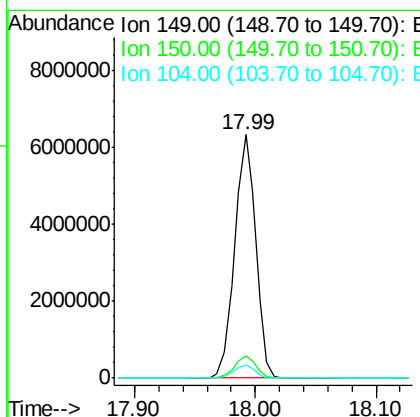
Manual Integrations
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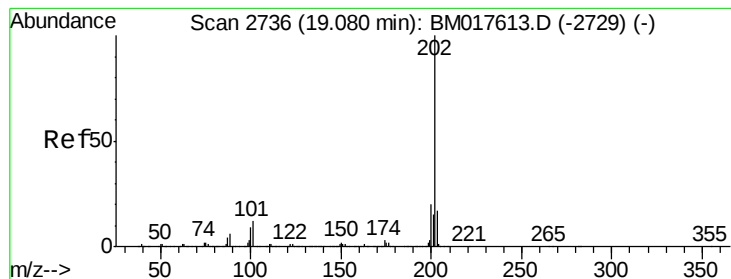
Sohil
 11/16/2018 3:57:23 PM



#74
 Di-n-butylphthalate
 Concen: 94.674 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion:149 Resp: 7671277
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 93.170 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

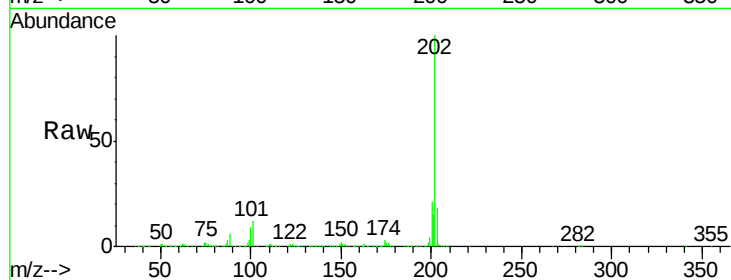
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PB114851BS

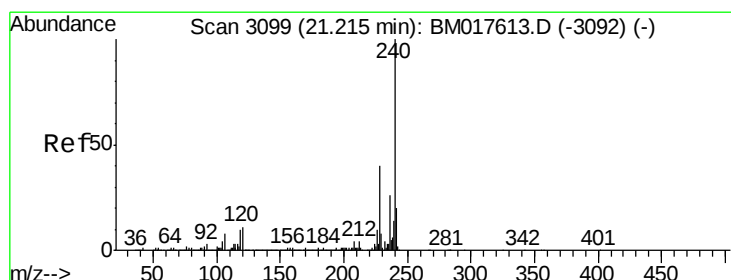
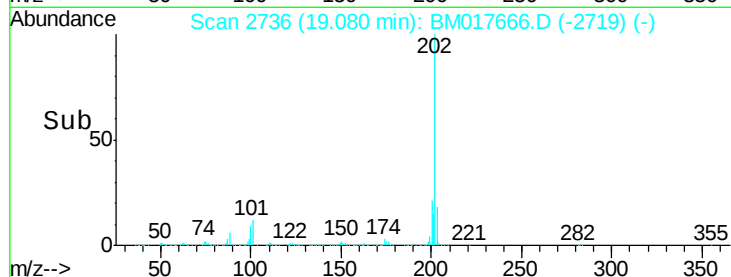
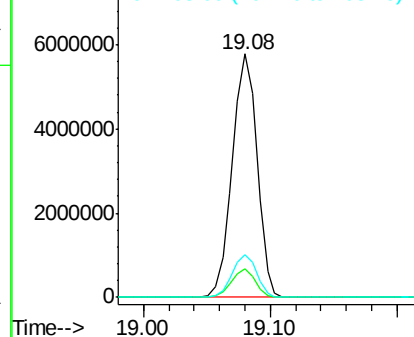
Tgt	Ion	Ratio	Lower	Upper
202	100			
101	11.6	0.0	31.5	
203	17.6	0.0	37.2	

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



#76

Chrysene-d12

Concen: 20.000 ng

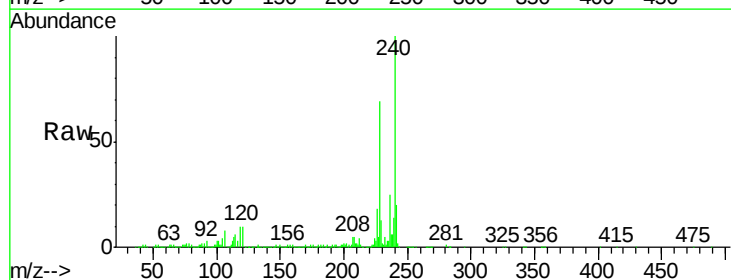
RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

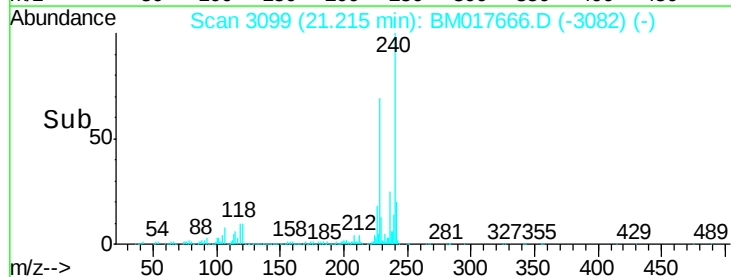
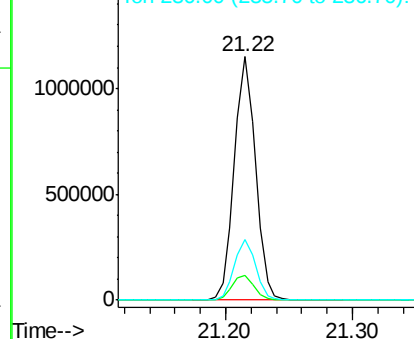
Lab File: BM017666.D

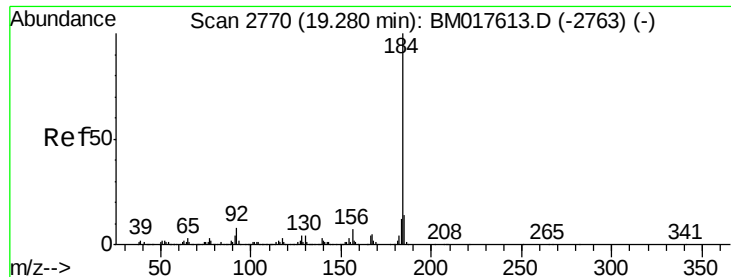
Acq: 15 Nov 2018 18:35

Tgt	Ion	Ratio	Lower	Upper
240	100			
120	10.4	8.5	12.7	
236	25.1	20.4	30.6	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.238 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:184 Resp: 2430266

Ion Ratio Lower Upper

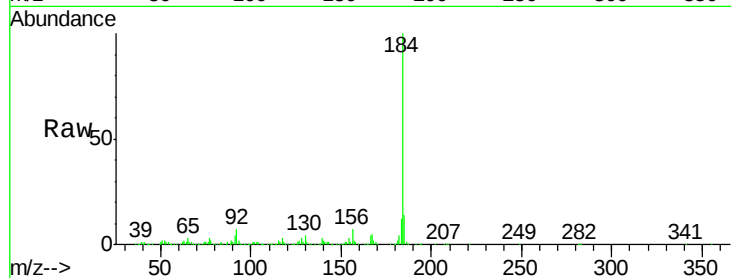
184 100

185 14.1 11.2 16.8

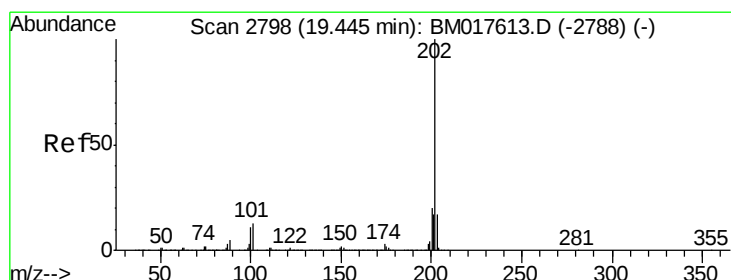
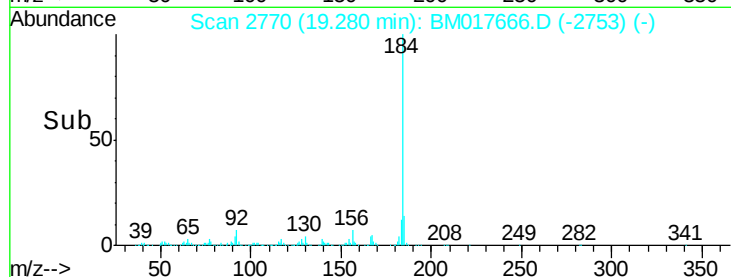
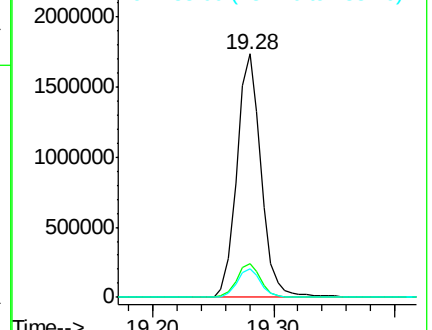
183 11.9 9.5 14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 96.762 ng

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

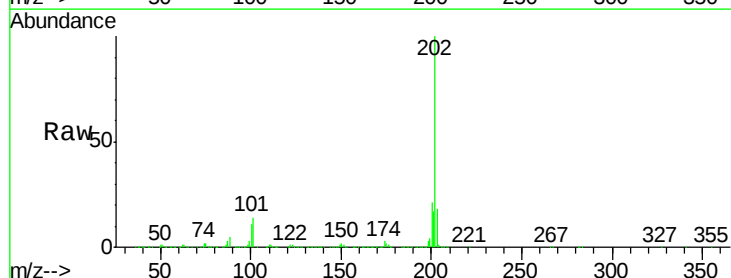
Tgt Ion:202 Resp: 7922890

Ion Ratio Lower Upper

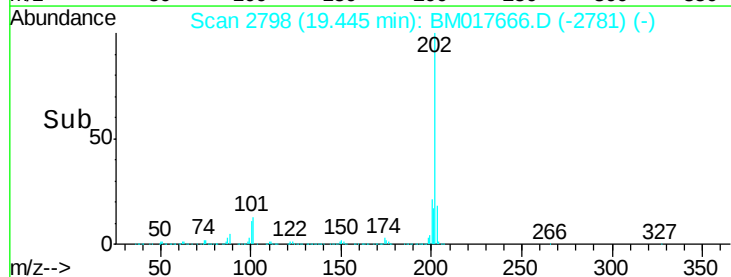
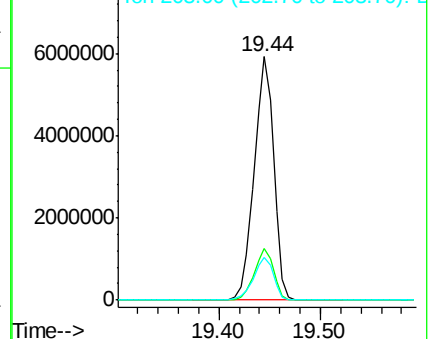
202 100

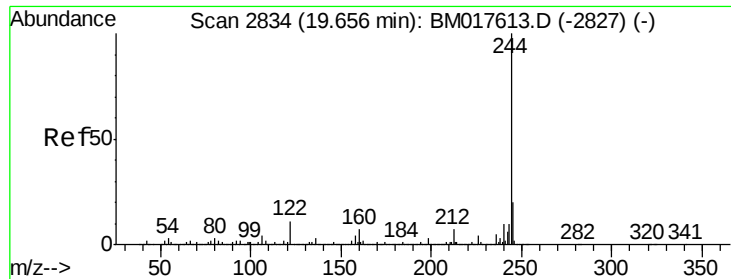
200 21.0 16.4 24.6

203 17.6 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





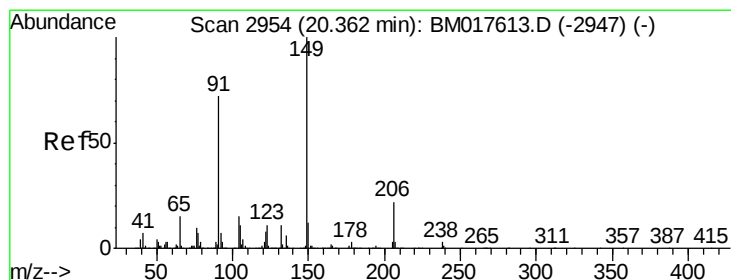
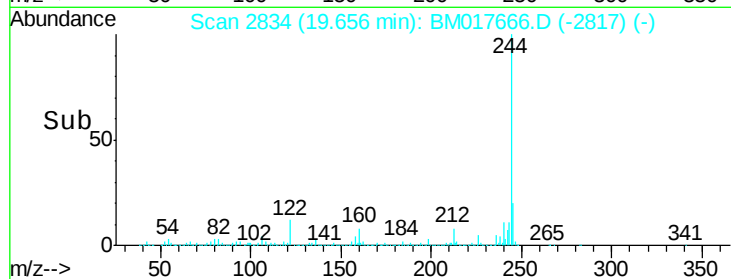
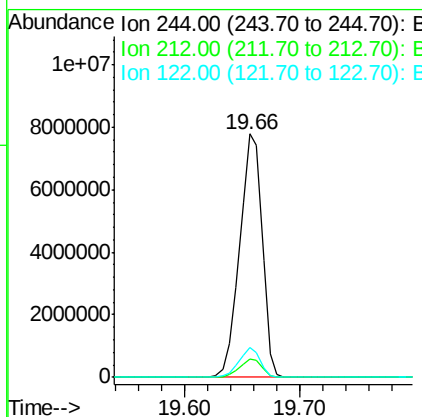
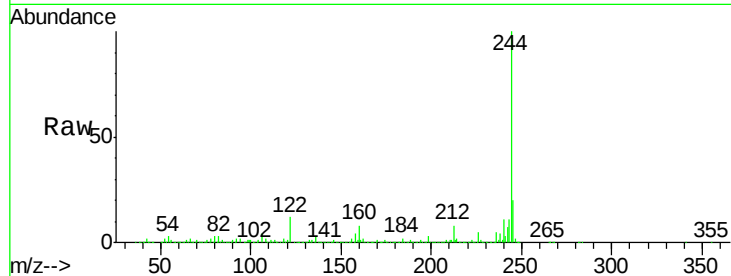
#79
 Terphenyl-d14
 Concen: 178.562 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BS

Tgt Ion:244 Resp:10455242
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 12.1 9.0 13.6

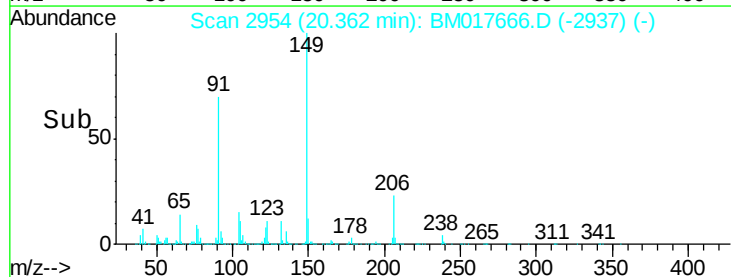
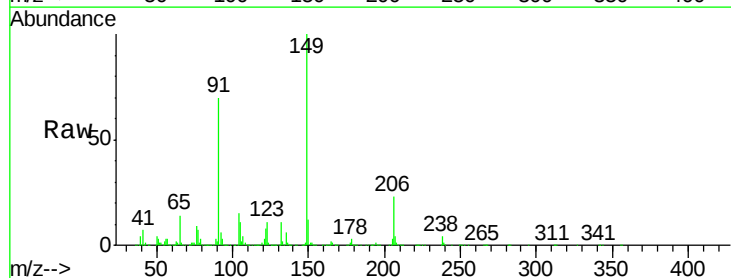
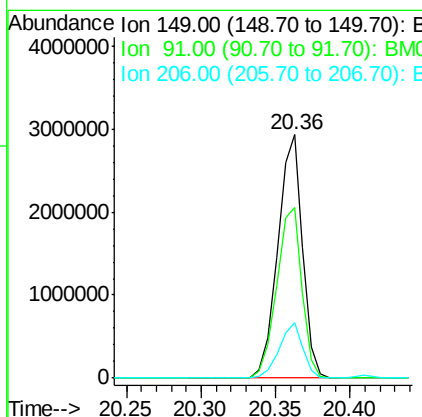
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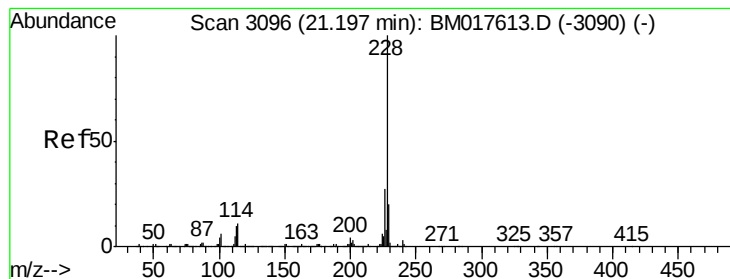
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#80
 Butylbenzylphthalate
 Concen: 101.612 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. 0.00 min
 Lab File: BM017666.D
 Acq: 15 Nov 2018 18:35

Tgt Ion:149 Resp: 3379239
 Ion Ratio Lower Upper
 149 100
 91 70.0 57.6 86.4
 206 22.5 17.4 26.0





#81

Benzo(a)anthracene

Concen: 94.081 ng

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

ClientSampleId :

PB114851BS

Tgt Ion:228 Resp: 7192765

Ion Ratio Lower Upper

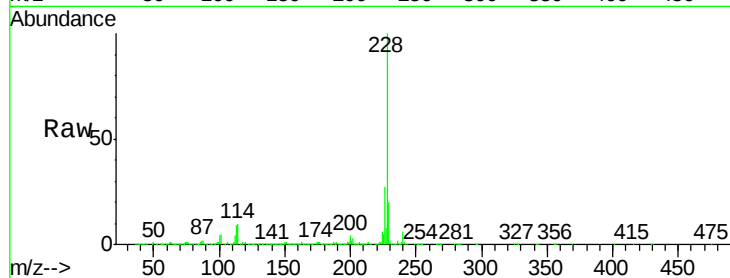
228 100

226 27.1 21.3 31.9

229 19.7 16.0 24.0

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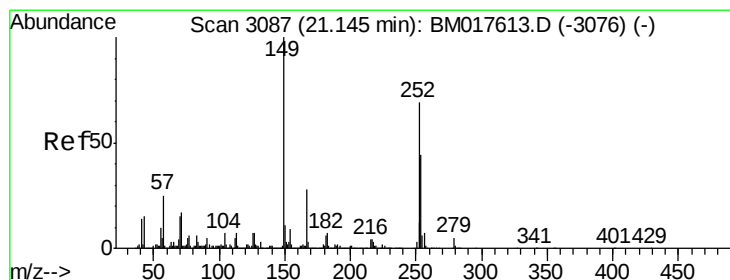
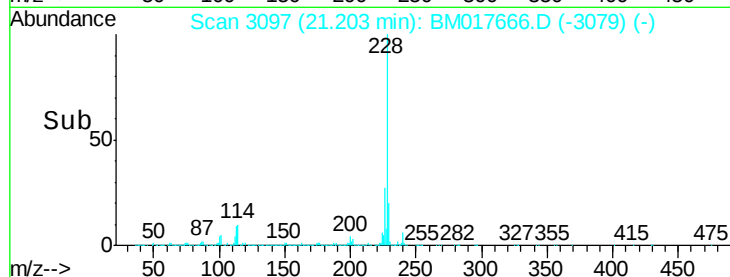
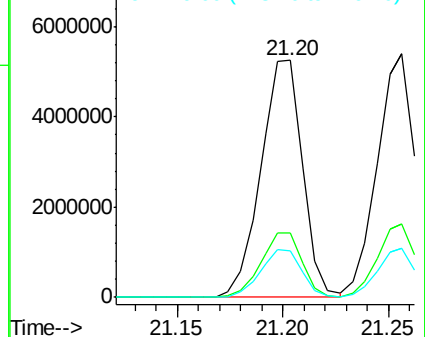
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.131 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

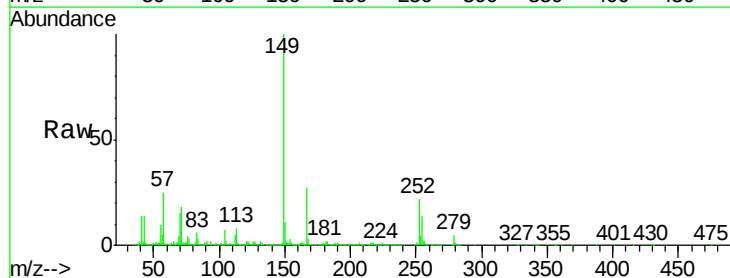
Tgt Ion:252 Resp: 1272675

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

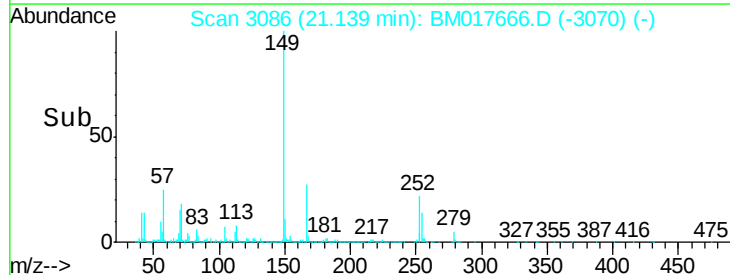
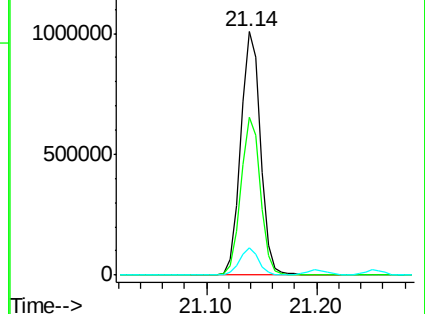
126 11.3 8.0 12.0

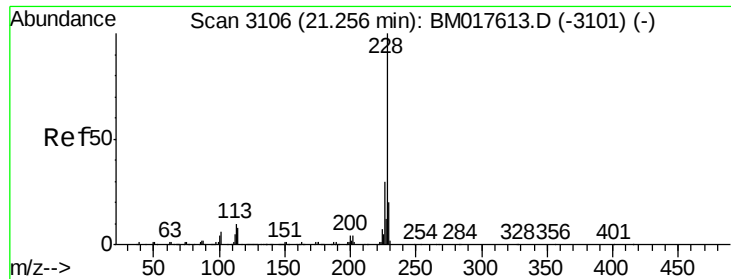


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





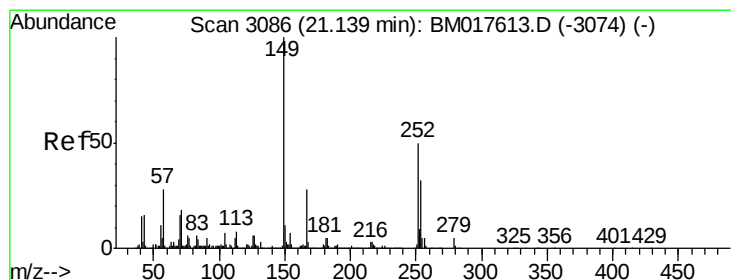
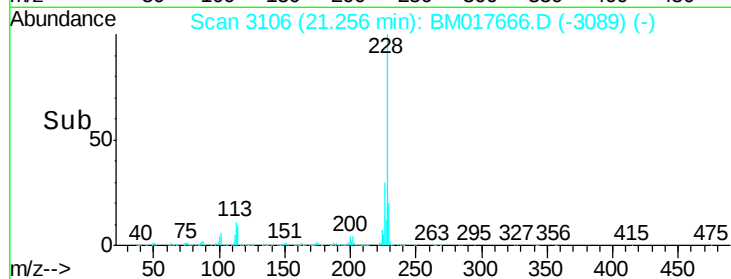
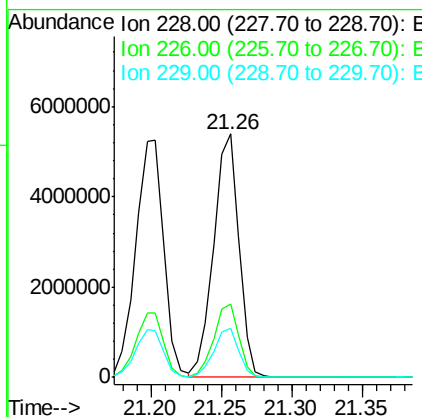
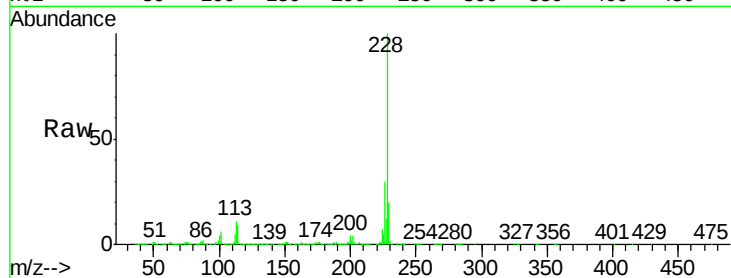
#83
Chrysene
Concen: 90.313 ng
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion: 228 Resp: 6706317
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 19.9 15.8 23.6

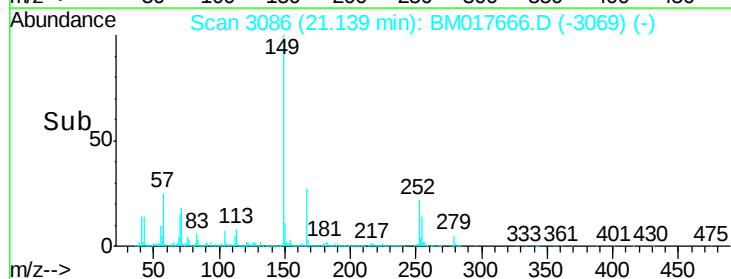
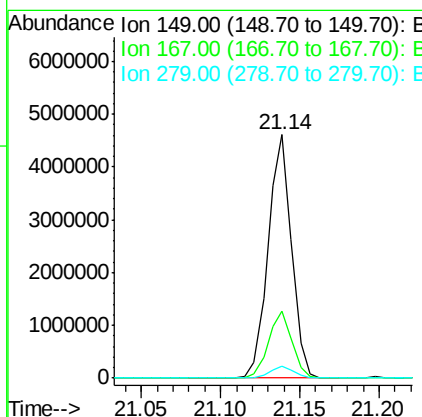
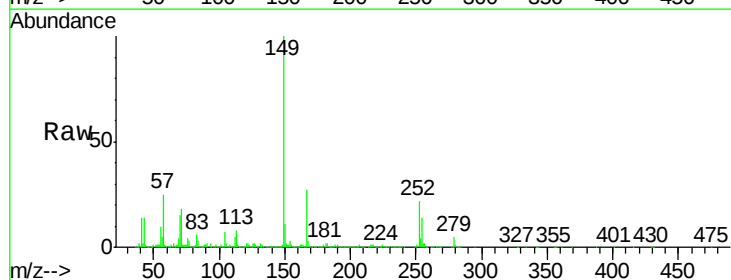
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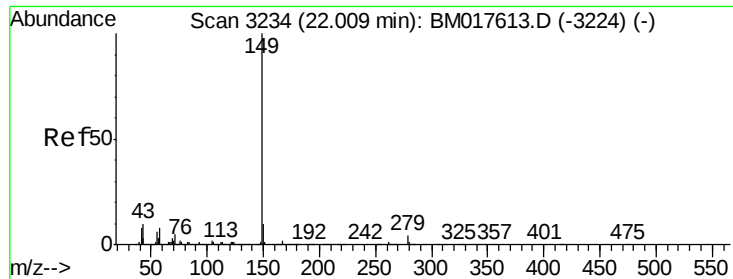
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#84
Bis(2-ethylhexyl)phthalate
Concen: 96.887 ng
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion: 149 Resp: 4763342
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.4
279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 98.551 ng

RT: 22.01 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

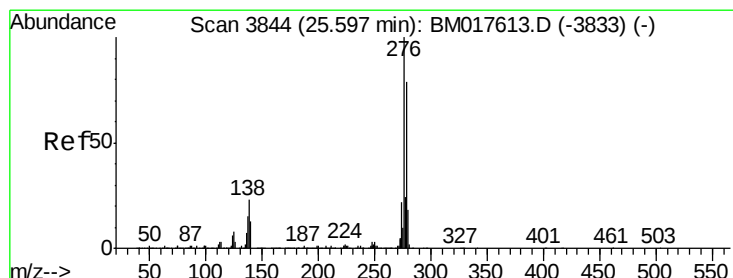
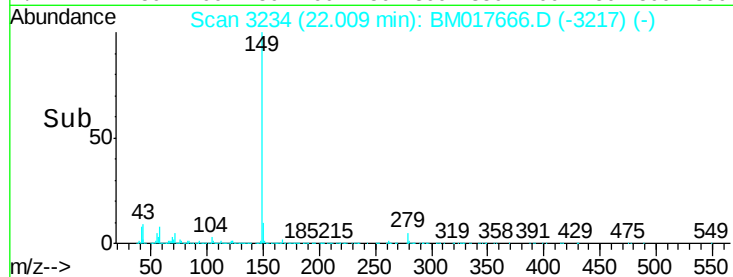
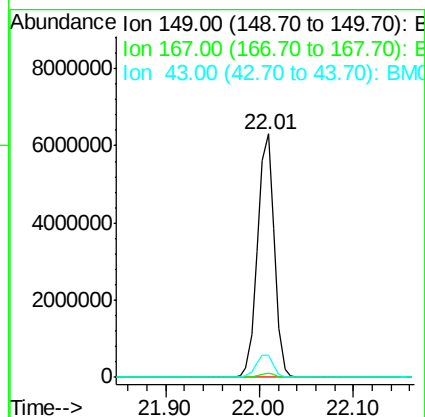
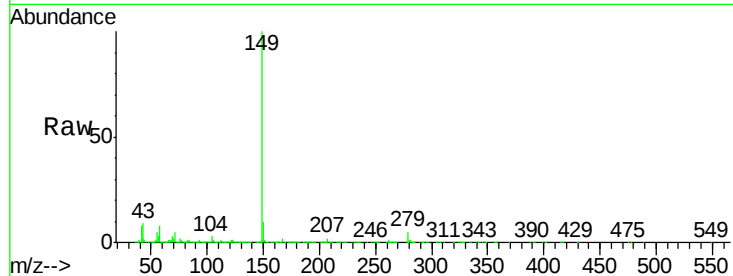
ClientSampleId :

PB114851BS

Tgt Ion:	149	Resp:	7758302
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.7	8.3	12.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 103.586 ng

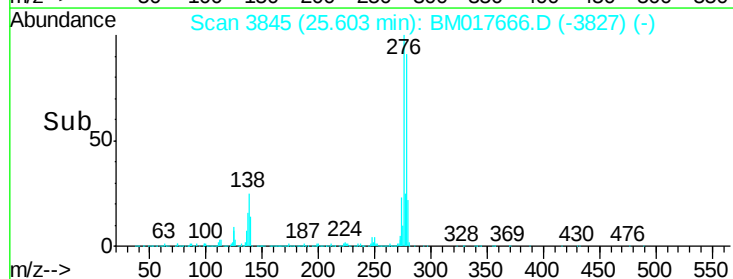
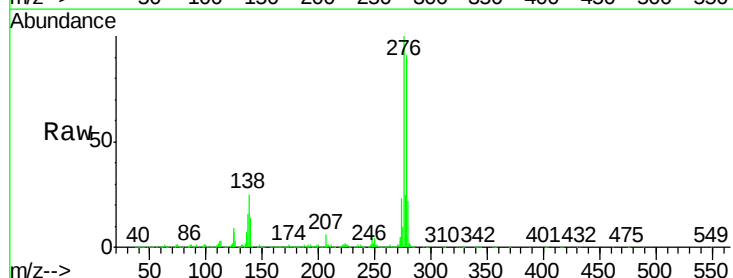
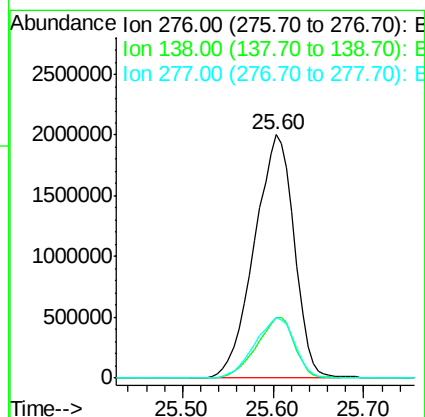
RT: 25.60 min Scan# 3845

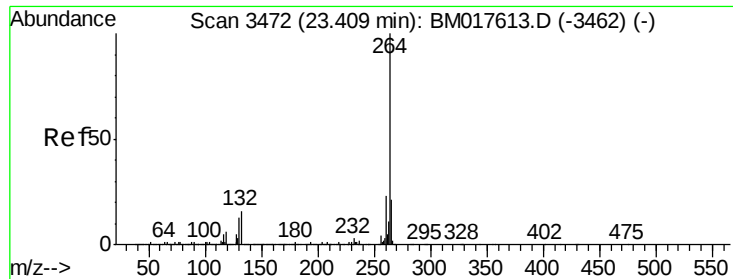
Delta R.T. 0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	276	Resp:	6146638
Ion Ratio	Lower	Upper	
276	100		
138	23.8	19.1	28.7
277	25.1	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Instrument :

BNA_M

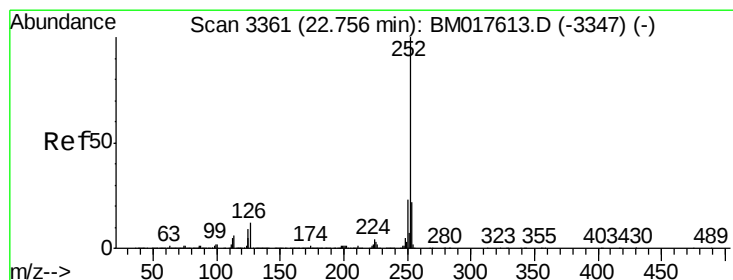
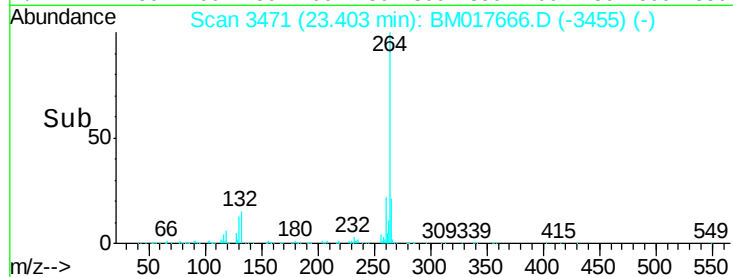
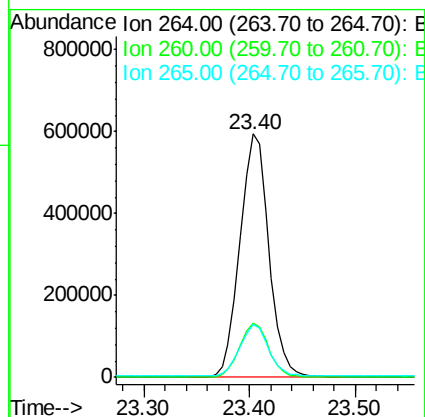
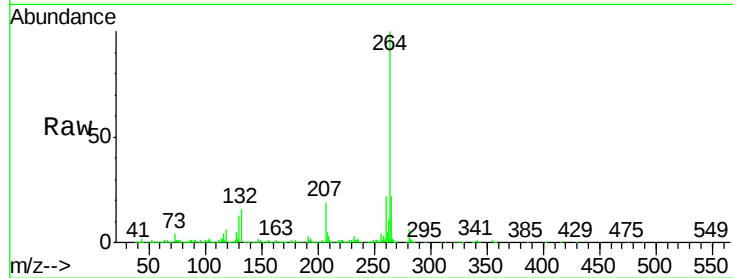
ClientSampleId :

PB114851BS

Tgt Ion:	264	Resp:	1128492
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.2
265	21.9	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 98.547 ng

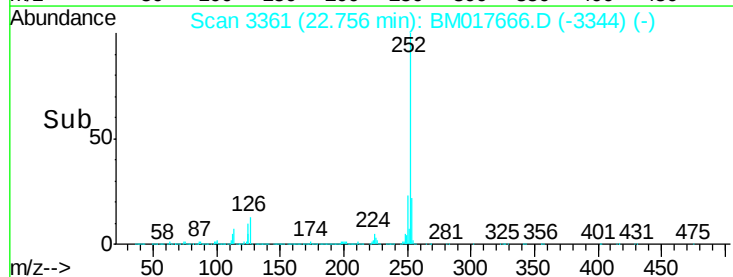
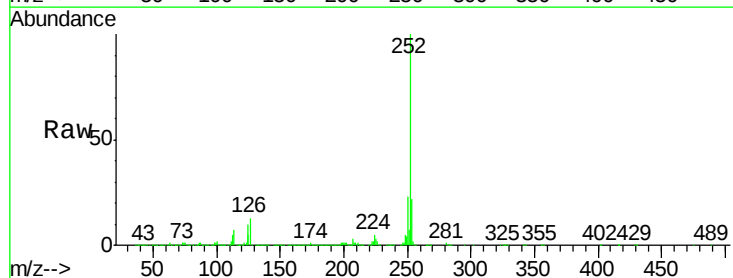
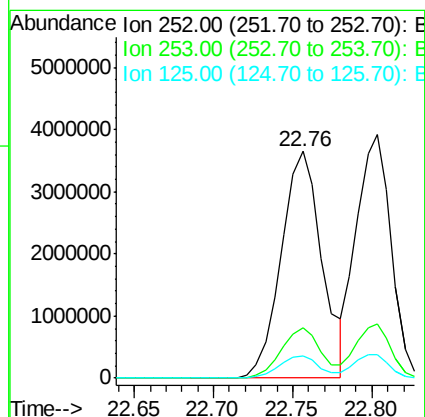
RT: 22.76 min Scan# 3361

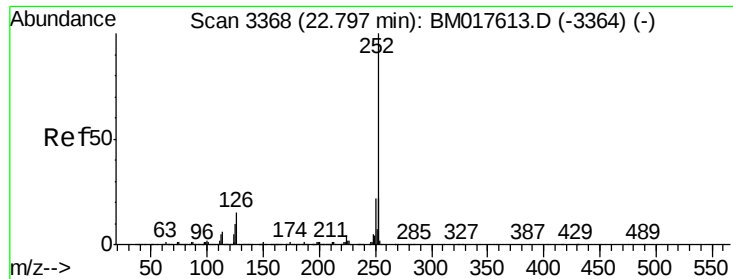
Delta R.T. 0.00 min

Lab File: BM017666.D

Acq: 15 Nov 2018 18:35

Tgt Ion:	252	Resp:	6512766
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	9.5	7.6	11.4





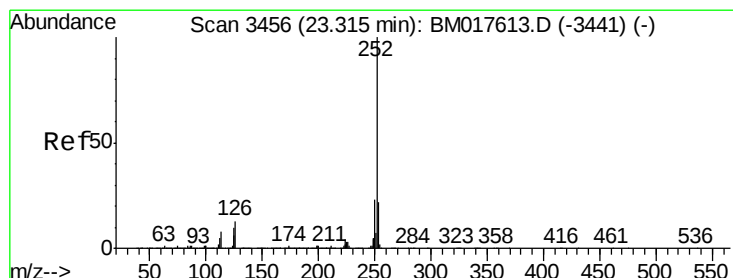
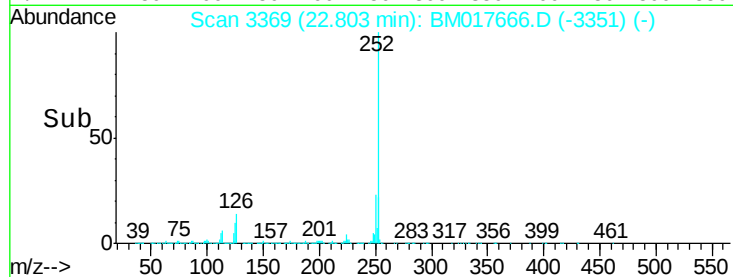
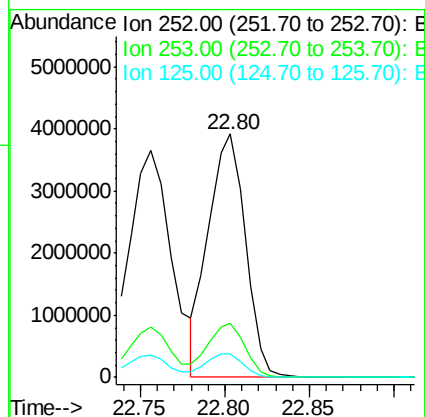
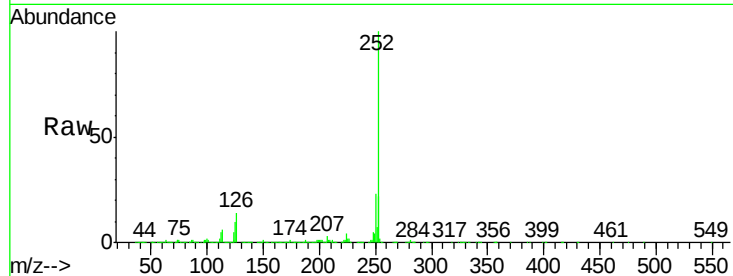
#89
Benzo(k)fluoranthene
Concen: 89.470 ng
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampled :
PB114851BS

Tgt Ion:252 Resp: 5976405
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.8 7.9 11.9

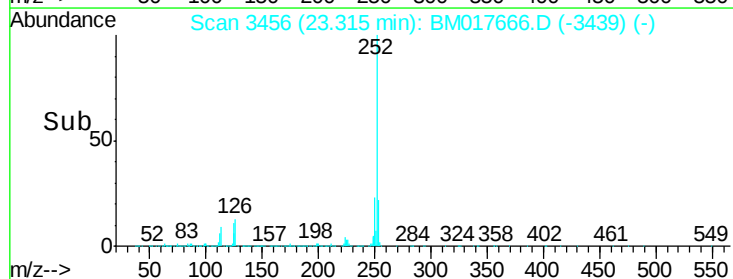
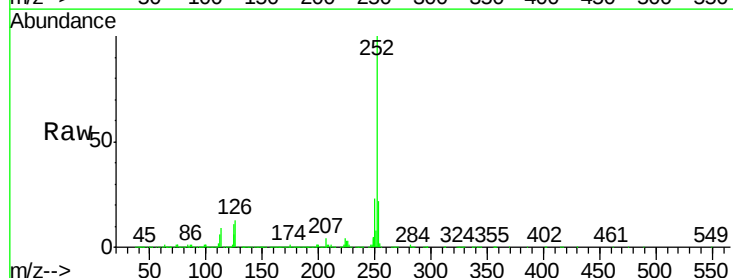
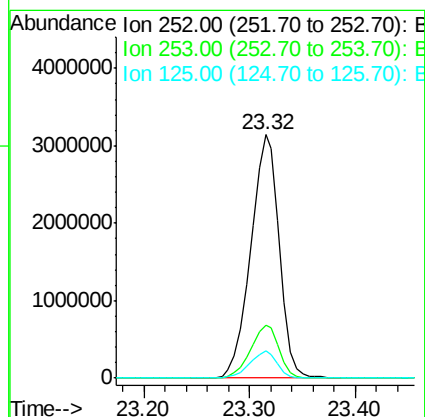
Manual Integrations
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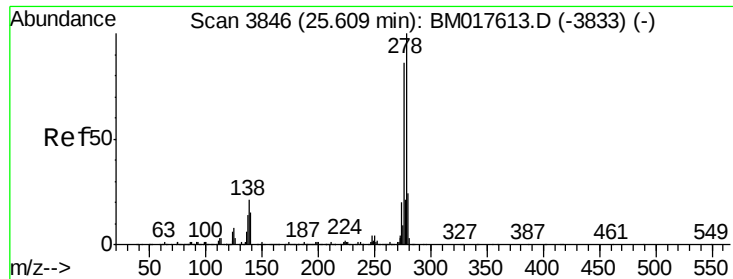
Sohil
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#90
Benzo(a)pyrene
Concen: 97.598 ng
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion:252 Resp: 5881134
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 11.0 8.2 12.2





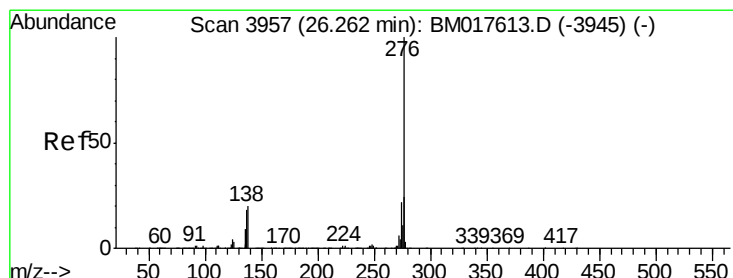
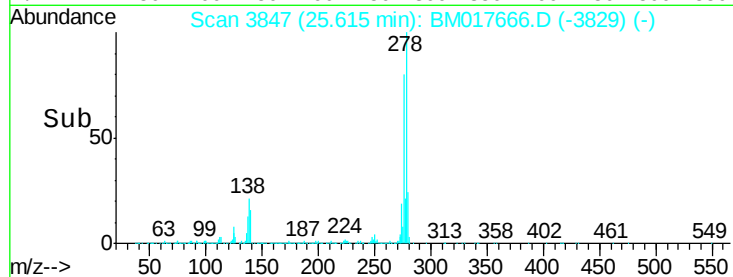
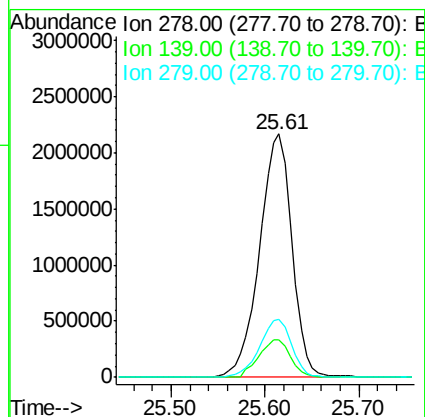
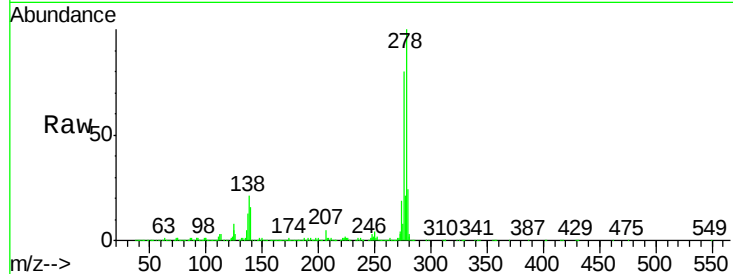
#91
Dibenzo(a,h)anthracene
Concen: 102.325 ng
RT: 25.61 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Instrument :
BNA_M
ClientSampleId :
PB114851BS

Tgt Ion: 278 Resp: 5183763
Ion Ratio Lower Upper
278 100
139 15.5 11.8 17.6
279 23.8 19.0 28.6

Manual Integrations
APPROVED

Sohil
11/16/2018 3:57:23 PM



#92
Benzo(g,h,i)perylene
Concen: 105.210 ng
RT: 26.27 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BM017666.D
Acq: 15 Nov 2018 18:35

Tgt Ion: 276 Resp: 5012099
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 20.6 15.9 23.9

