

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017204.D
 Acq On : 18 Oct 2018 21:57
 Operator : MJ/SJ
 Sample : J5549-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Manual Integrations
 APPROVED

Sohil
 10/19/2018 2:37:41 PM

Quant Time: Oct 19 13:54:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	325125	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1304345	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	698064	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1389265	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1209331	20.00	ng	-0.01
87) Perylene-d12	23.47	264	1200617	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2091748	108.81	ng	0.00
7) Phenol-d6	6.86	99	2463488	94.10	ng	0.00
23) Nitrobenzene-d5	8.83	82	1904152	85.38	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	1070929	113.44	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4232337	80.67	ng	0.00
79) Terphenyl-d14	19.70	244	4680891	87.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	281181	28.645	ng	# 79
3) Pyridine	3.66	79	743909	32.937	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	390849	43.107	ng	# 70
6) Aniline	7.02	93	294874	9.005	ng	97
8) 2-Chlorophenol	7.24	128	1022818	45.993	ng	97
9) Benzaldehyde	6.83	77	380322	22.783	ng	94
10) Phenol	6.88	94	1036234	36.776	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	942257	41.950	ng	99
12) 1,3-Dichlorobenzene	7.56	146	1082003	41.737	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1102075	41.609	ng	98
14) 1,2-Dichlorobenzene	8.02	146	1067941	41.849	ng	99
15) Benzyl Alcohol	7.92	79	890653	46.542	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1279227	40.765	ng	99
17) 2-Methylphenol	8.12	107	816708	45.158	ng	98
18) Hexachloroethane	8.73	117	395618	43.646	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	771783	44.770	ng	97
20) 3+4-Methylphenols	8.45	107	1068192	43.184	ng	96
22) Acetophenone	8.49	105	1563623	47.291	ng	# 98
24) Nitrobenzene	8.87	77	1128244	47.826	ng	95
25) Isophorone	9.39	82	2018328	54.806	ng	98
26) 2-Nitrophenol	9.57	139	537157	48.575	ng	97
27) 2,4-Dimethylphenol	9.63	122	914940	56.186	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1274451	49.168	ng	99
29) 2,4-Dichlorophenol	10.10	162	959367	50.741	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	1027139	45.286	ng	98
31) Naphthalene	10.50	128	3092009	48.373	ng	100
32) Benzoic acid	9.78	122	467507	38.477	ng	96
33) 4-Chloroaniline	10.62	127	84896	3.075	ng	# 96
34) Hexachlorobutadiene	10.77	225	636673	44.302	ng	99
35) Caprolactam	11.41	113	179239m	26.013	ng	
36) 4-Chloro-3-methylphenol	11.75	107	996125	46.740	ng	97
37) 2-Methylnaphthalene	12.12	142	2286732	52.279	ng	99
38) 1-Methylnaphthalene	12.33	142	2147116	50.434	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1189050	48.368	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1598961	134.542	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	755068	52.910	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	802394	52.434	ng	97
46) 1,1'-Biphenyl	13.14	154	2889048	45.990	ng	99
47) 2-Chloronaphthalene	13.18	162	2210043	47.822	ng	99
48) 2-Nitroaniline	13.39	65	602121	46.341	ng	97
49) Acenaphthylene	14.03	152	3484464	52.017	ng	100
50) Dimethylphthalate	13.78	163	2554666	47.435	ng	99
51) 2,6-Dinitrotoluene	13.90	165	565434	47.702	ng	97
52) Acenaphthene	14.37	154	2048232	48.699	ng	97
53) 3-Nitroaniline	14.23	138	95507	7.439	ng	85
54) 2,4-Dinitrophenol	14.44	184	630906	89.624	ng	95
55) Dibenzofuran	14.72	168	3229768	46.177	ng	99
56) 4-Nitrophenol	14.54	139	791364	68.365	ng	96
57) 2,4-Dinitrotoluene	14.69	165	759033	47.643	ng	99
58) Fluorene	15.36	166	2531623	48.901	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	689105	49.401	ng	98
60) Diethylphthalate	15.15	149	2494266	46.701	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1300287	44.057	ng	96
62) 4-Nitroaniline	15.40	138	507103	36.644	ng	95
63) Azobenzene	15.66	77	2422698	46.668	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	412291	46.475	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2177566	51.807	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	800316	52.465	ng	95
68) Hexachlorobenzene	16.36	284	861553	48.622	ng	97
69) Atrazine	16.54	200	749693	49.835	ng	100
70) Pentachlorophenol	16.71	266	978618	80.622	ng	98
71) Phenanthrene	17.10	178	3716571	49.584	ng	100
72) Anthracene	17.20	178	3769438	52.926	ng	100
73) Carbazole	17.47	167	3197091	43.945	ng	100
74) Di-n-butylphthalate	18.04	149	3709363	48.341	ng	100
75) Fluoranthene	19.12	202	3876835	45.964	ng	99
77) Benzidine	19.32	184	713723	23.275	ng	99
78) Pyrene	19.49	202	3874498	57.323	ng	100
80) Butylbenzylphthalate	20.40	149	1437827	54.721	ng	93
81) Benzo(a)anthracene	21.24	228	3512327	51.611	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	349764	13.790	ng	96
83) Chrysene	21.29	228	3313108	49.185	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2018308	50.925	ng	99
85) Di-n-octyl phthalate	22.05	149	3366519	50.208	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	3943195	52.338	ng	98
88) Benzo(b)fluoranthene	22.80	252	3425165	52.179	ng	99
89) Benzo(k)fluoranthene	22.85	252	3292042	49.980	ng	99
90) Benzo(a)pyrene	23.37	252	3275884	52.561	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	3329503	53.800	ng	99
92) Benzo(g,h,i)perylene	26.36	276	3348783	54.596	ng	99

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

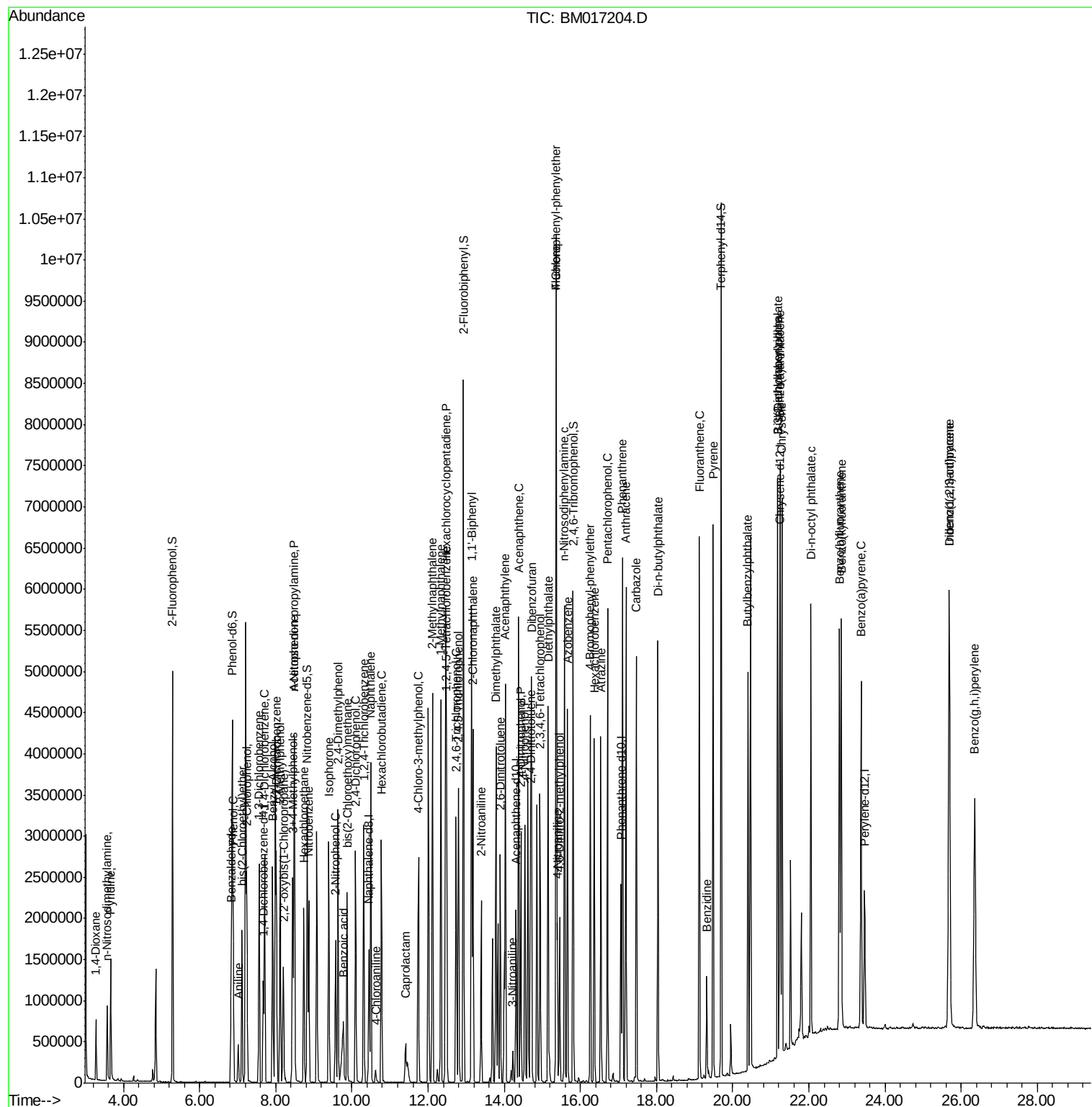
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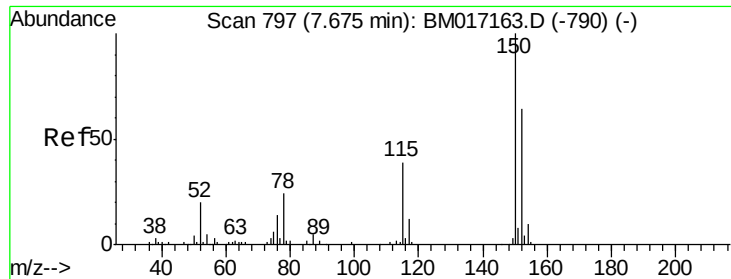
Instrument :
BNA_M
ClientSampled :
CB-1018-S-TCLP-GRID-45MSD

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#1

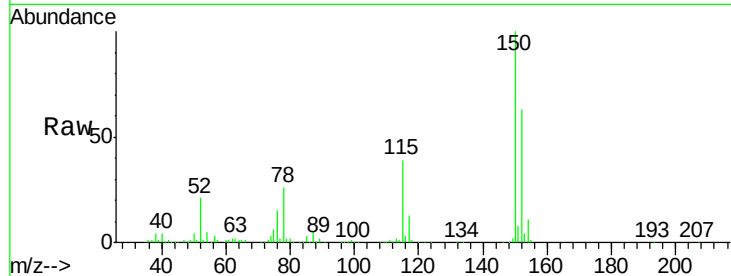
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

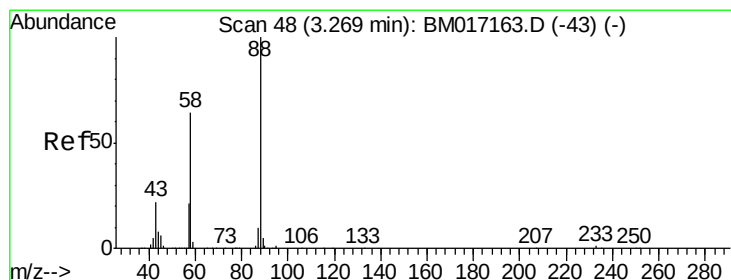
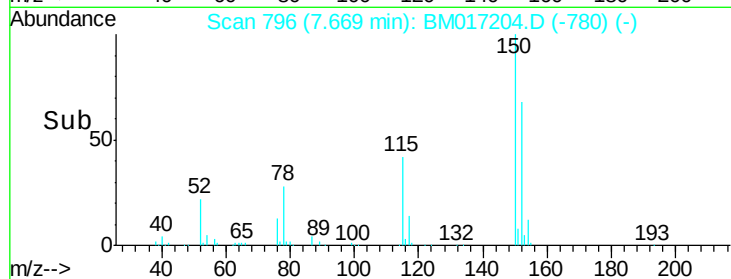
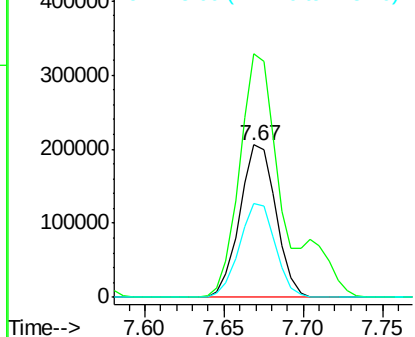
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.3	186.5
115	61.7	48.1	72.1

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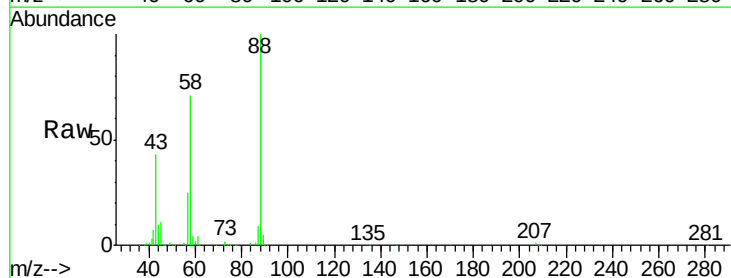
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



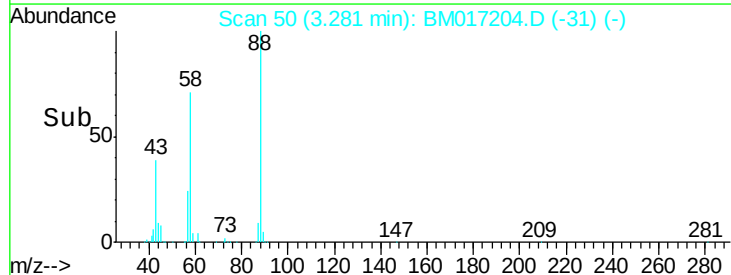
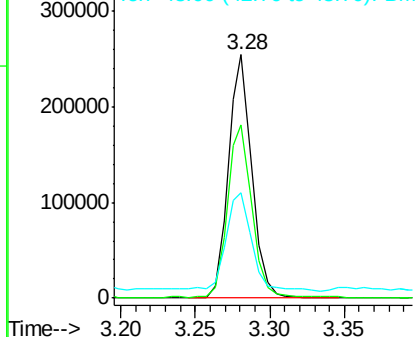
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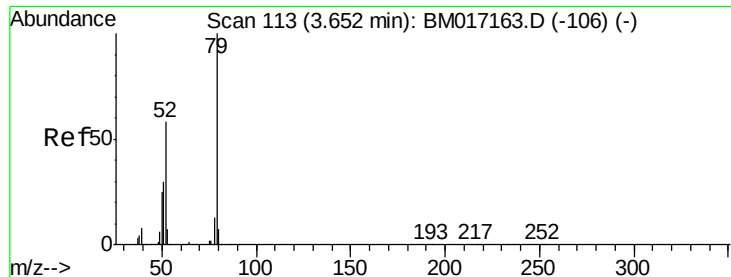
1,4-Dioxane
Concen: 28.645 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	50.2	75.4
43	44.7	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 32.937 ng

RT: 3.66 min Scan# 115

Delta R.T. 0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

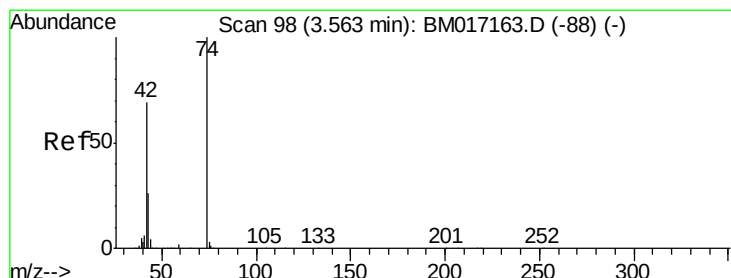
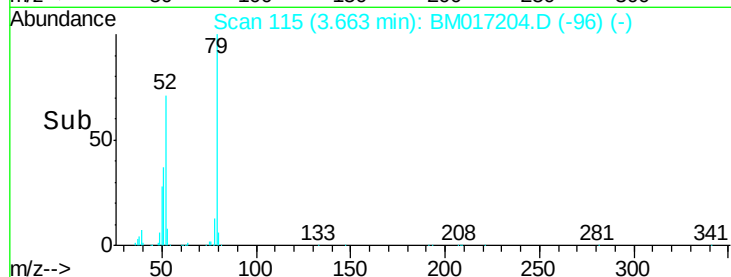
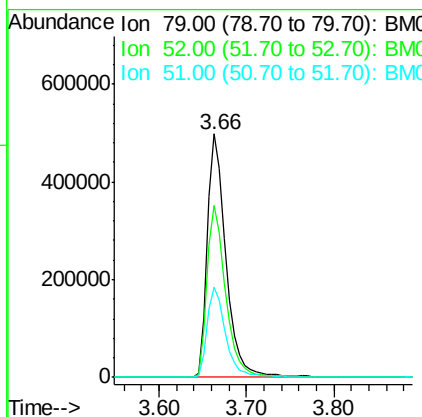
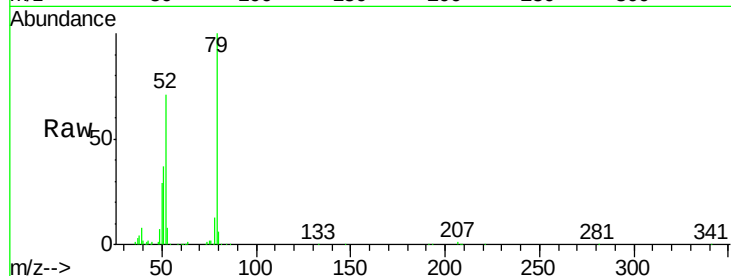
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:	79	Resp:	743909
Ion	Ratio	Lower	Upper
79	100		
52	70.6	46.5	69.7#
51	36.8	24.6	37.0

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#4

n-Nitrosodimethylamine

Concen: 43.107 ng

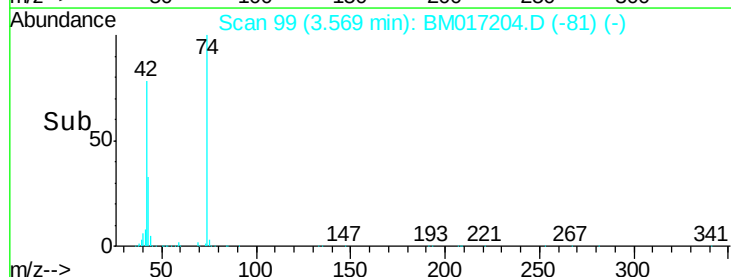
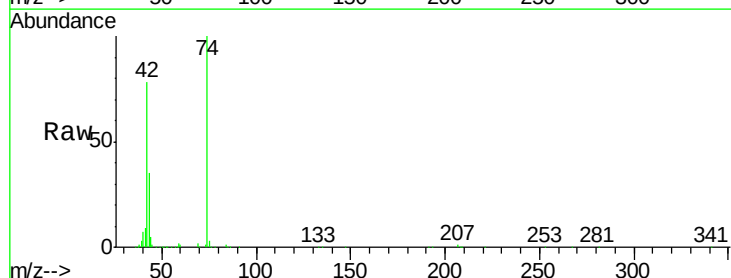
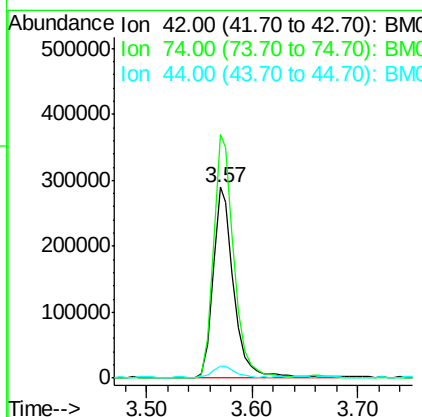
RT: 3.57 min Scan# 99

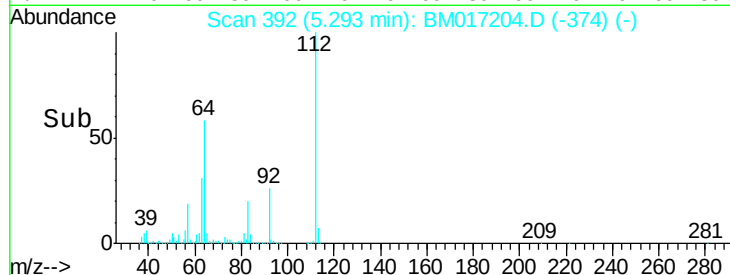
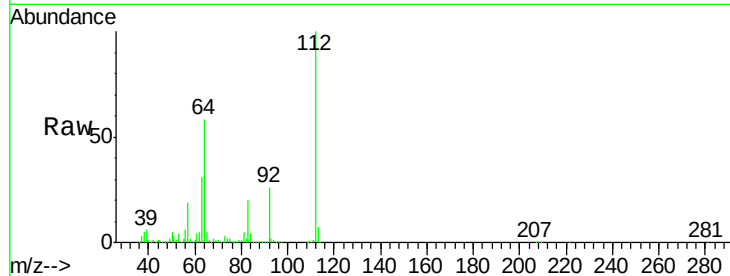
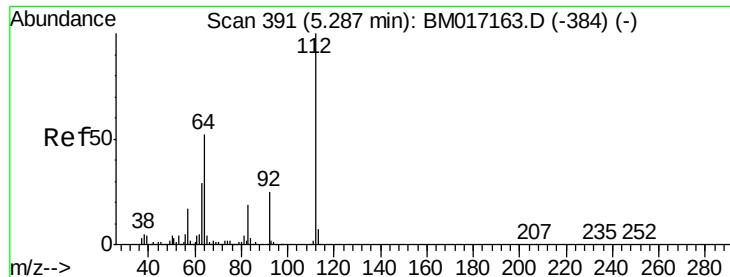
Delta R.T. 0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	42	Resp:	390849
Ion	Ratio	Lower	Upper
42	100		
74	127.6	114.4	171.6
44	6.5	48.6	73.0#





#5

2-Fluorophenol

Concen: 108.815 ng

RT: 5.29 min Scan# 392

Delta R.T. 0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	112	Resp:	2091748
Ion	Ratio	Lower	Upper
112	100		
64	57.8	41.7	62.5
63	30.6	23.0	34.4

Instrument :

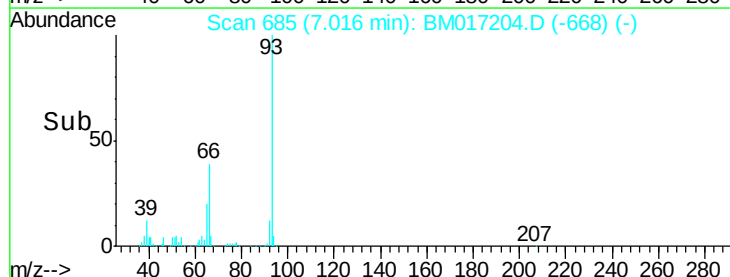
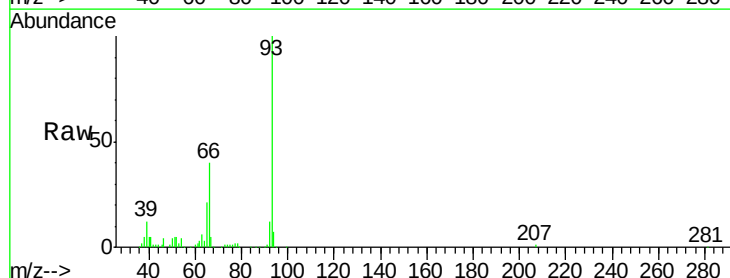
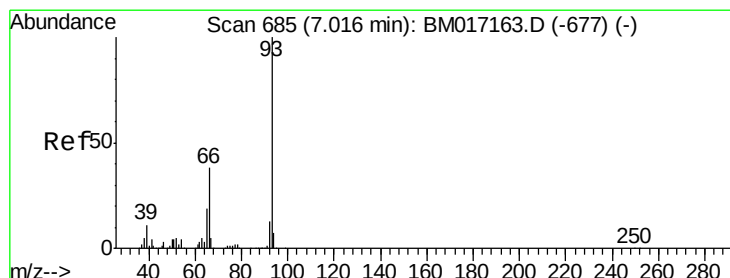
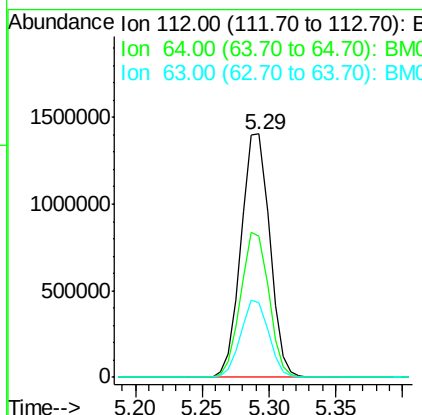
BNA_M

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#6

Aniline

Concen: 9.005 ng

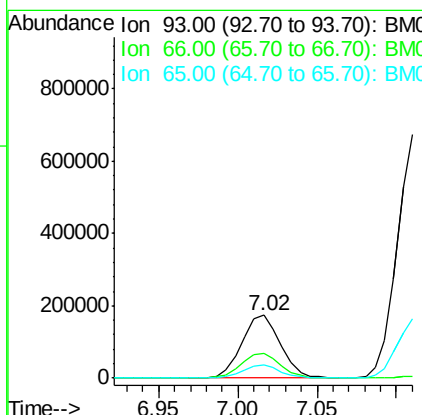
RT: 7.02 min Scan# 685

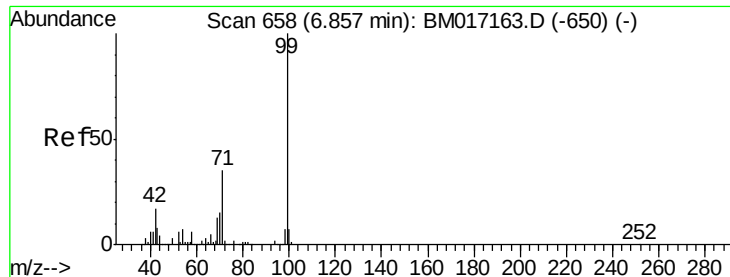
Delta R.T. -0.00 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	93	Resp:	294874
Ion	Ratio	Lower	Upper
93	100		
66	39.7	30.4	45.6
65	20.9	15.3	22.9





#7

Phenol-d6

Concen: 94.096 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion: 99 Resp: 2463488

Ion Ratio Lower Upper

99 100

42 18.0 13.3 19.9

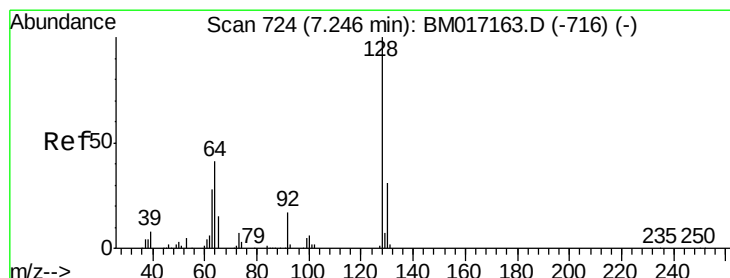
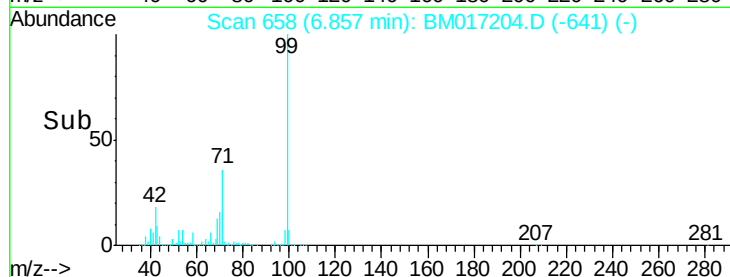
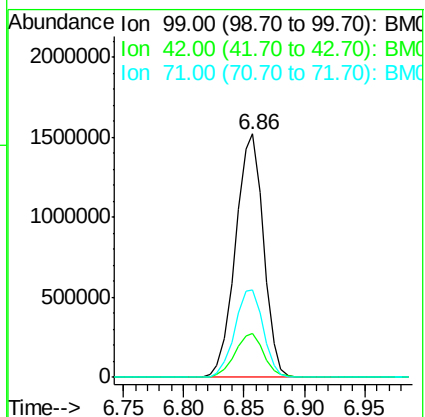
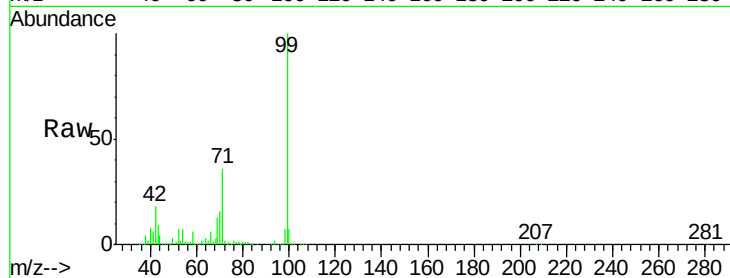
71 35.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 45.993 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

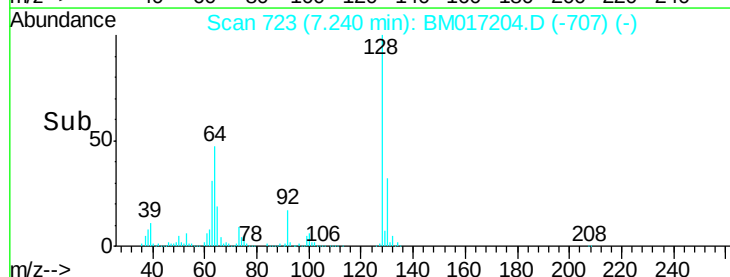
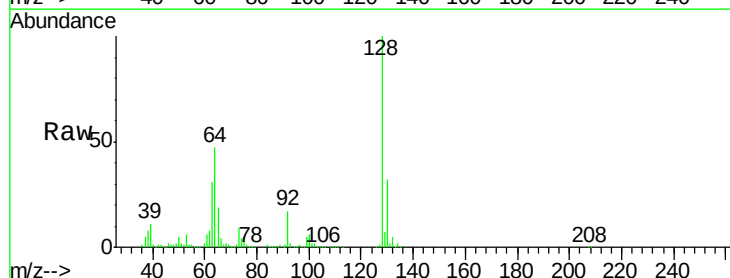
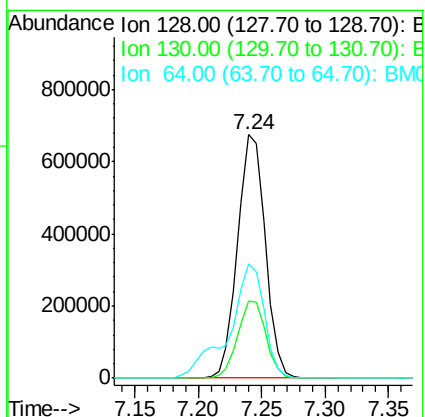
Tgt Ion: 128 Resp: 1022818

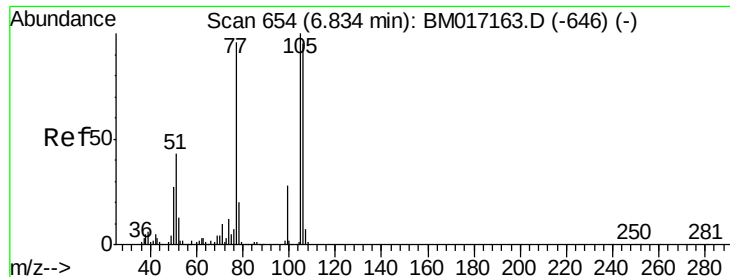
Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

64 46.7 24.1 64.1





#9

Benzaldehyde

Concen: 22.783 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

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ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion: 77 Resp: 380322

Ion Ratio Lower Upper

77 100

105 98.4 83.9 123.9

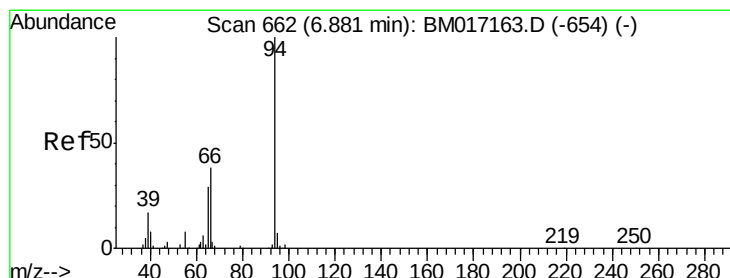
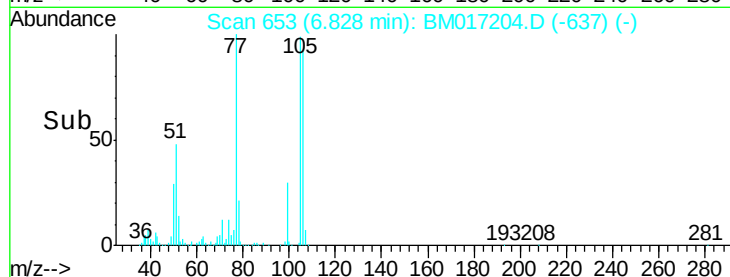
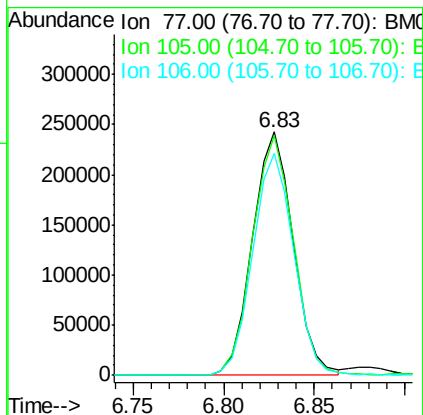
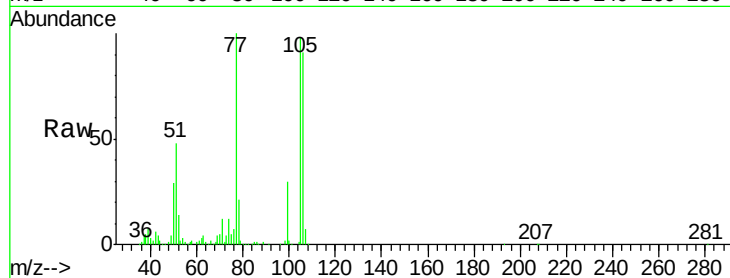
106 91.4 78.2 118.2

Manual Integrations

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#10

Phenol

Concen: 36.776 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

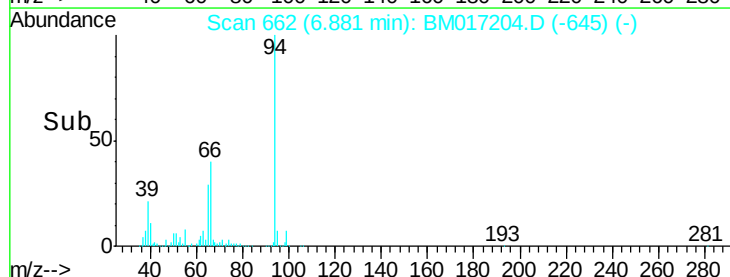
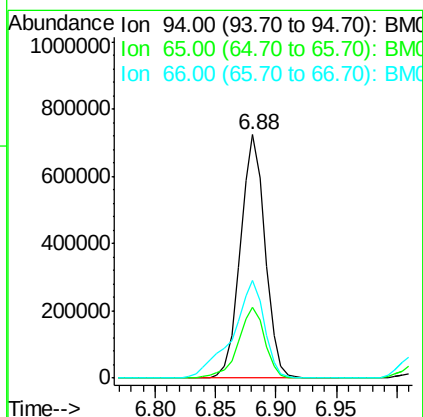
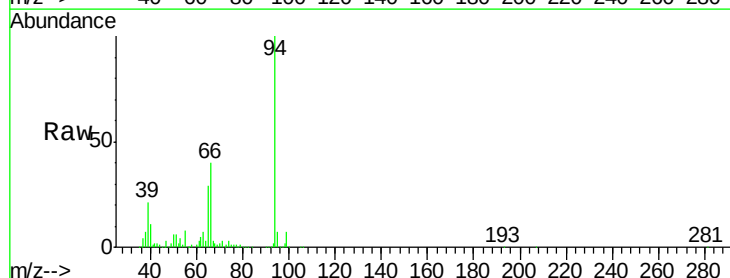
Tgt Ion: 94 Resp: 1036234

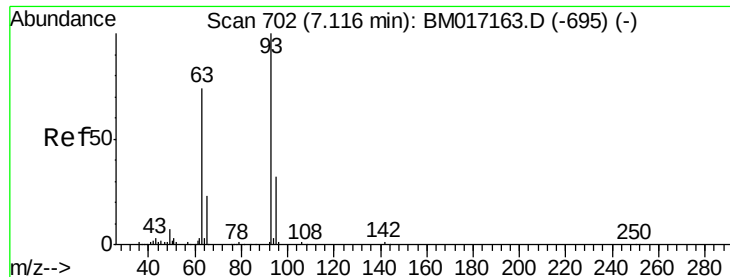
Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

66 40.1 19.0 59.0





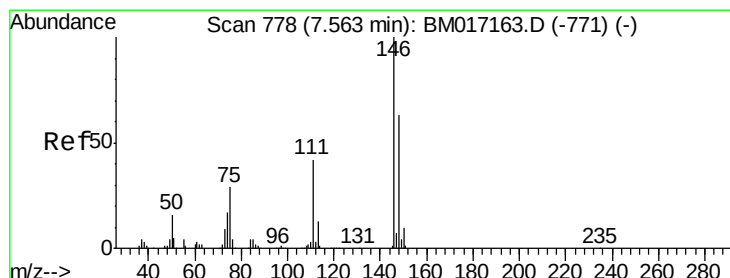
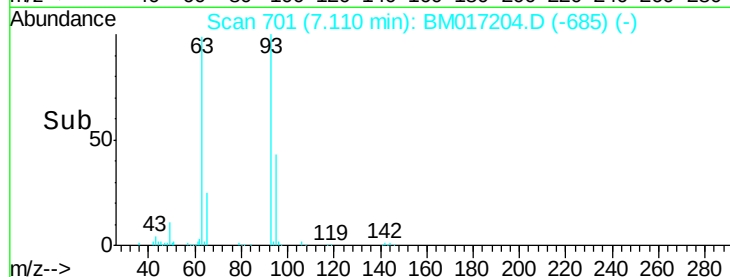
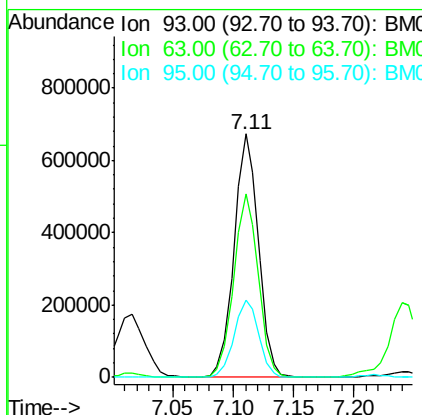
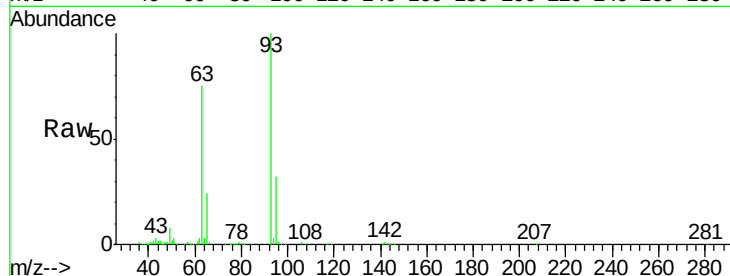
#11
bis(2-Chloroethyl)ether
Concen: 41.950 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.0	94.0
95	31.6	11.8	51.8

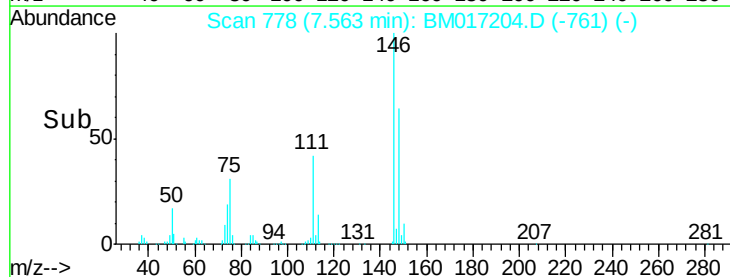
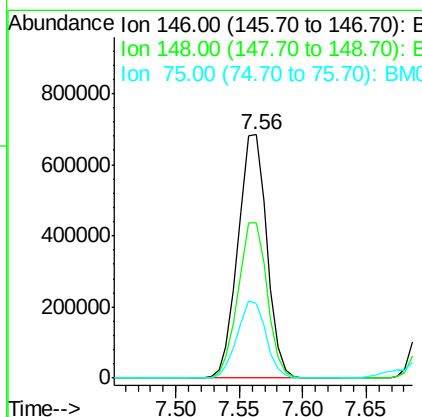
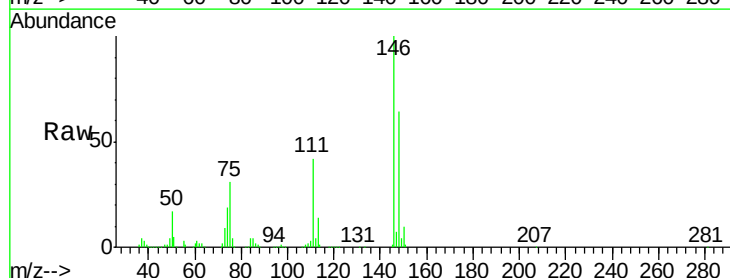
Manual Integrations
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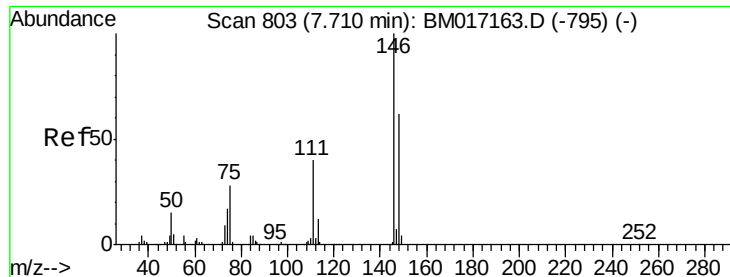
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.737 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.4
75	30.6	23.3	34.9





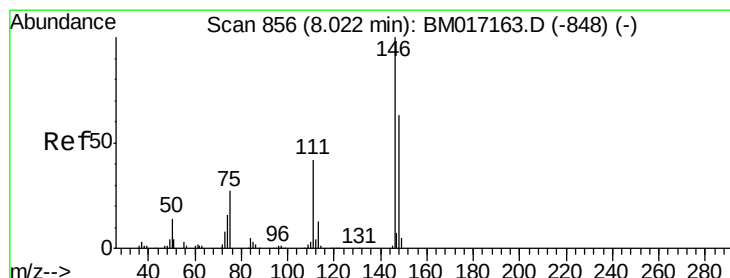
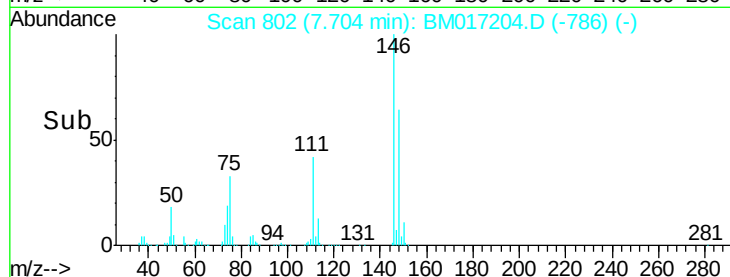
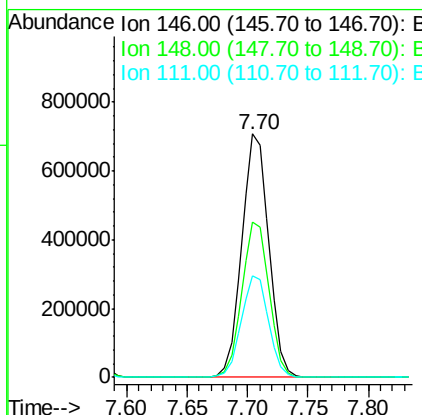
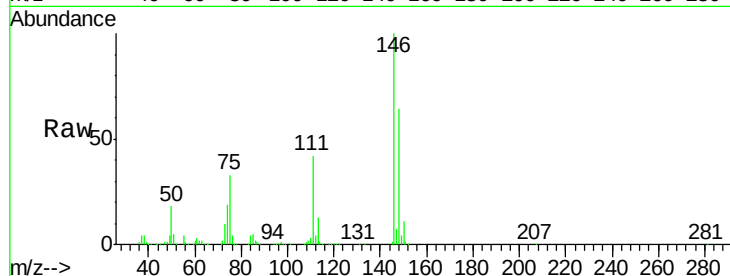
#13
 1,4-Dichlorobenzene
 Concen: 41.609 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.6
111	42.0	32.1	48.1

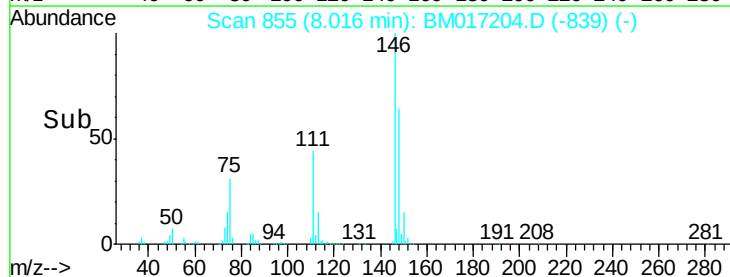
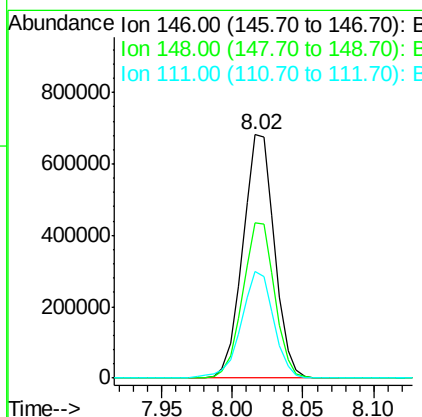
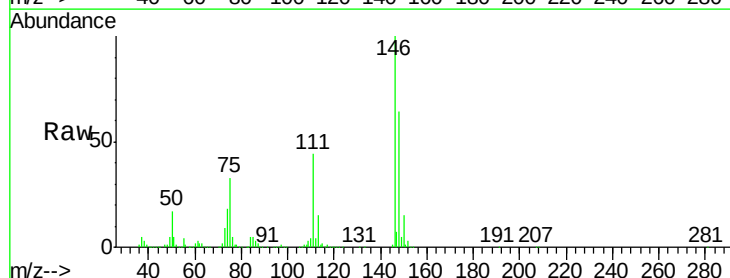
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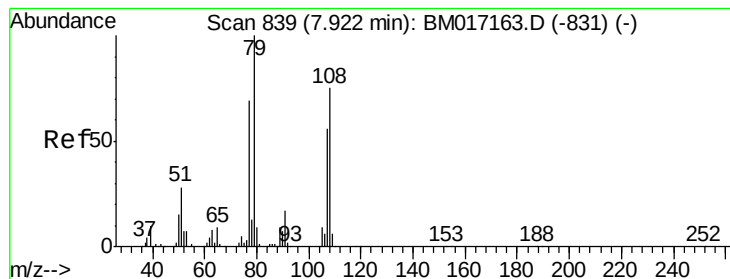
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.849 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	43.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 46.542 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

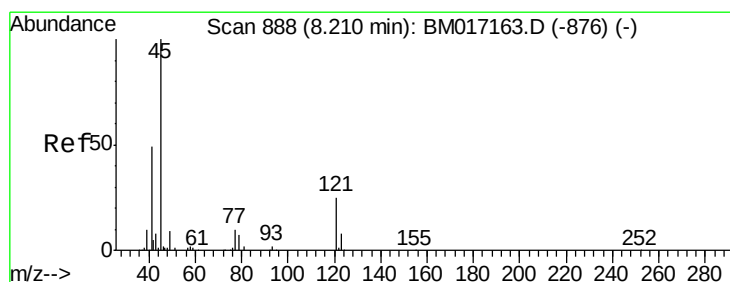
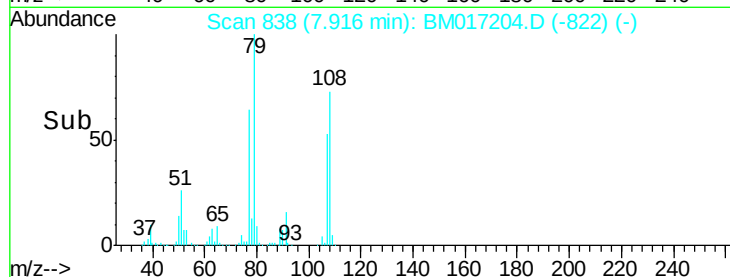
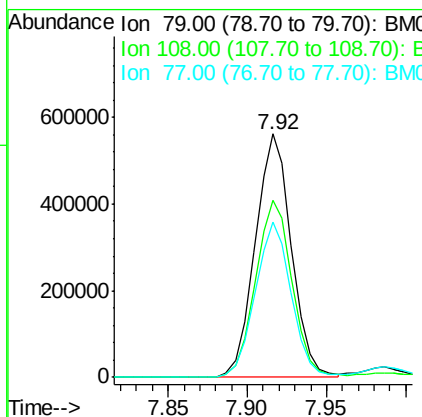
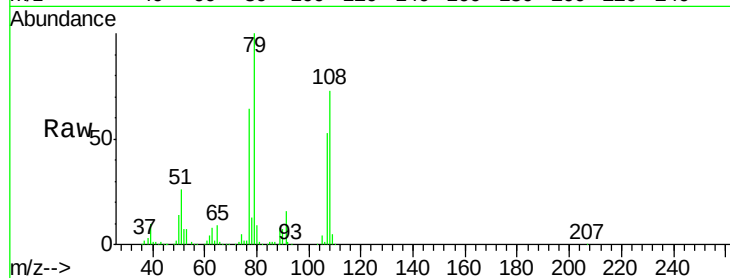
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:	79	Resp:	890653
Ion Ratio	Lower	Upper	
79	100		
108	72.7	60.3	90.5
77	63.9	54.8	82.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.765 ng

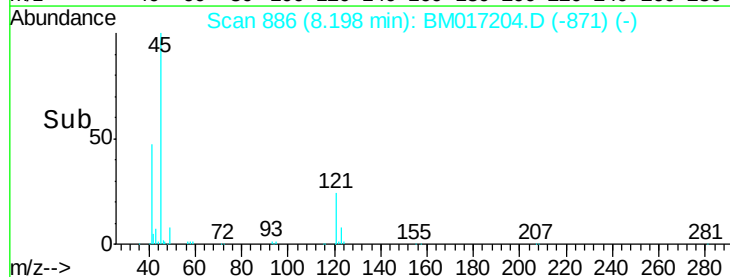
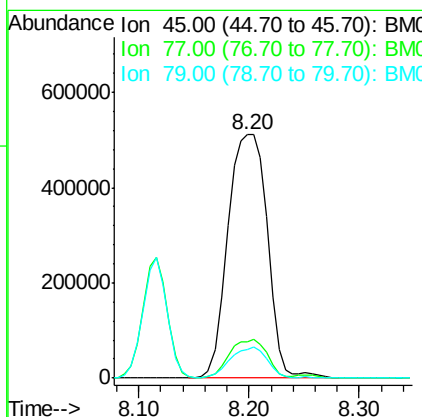
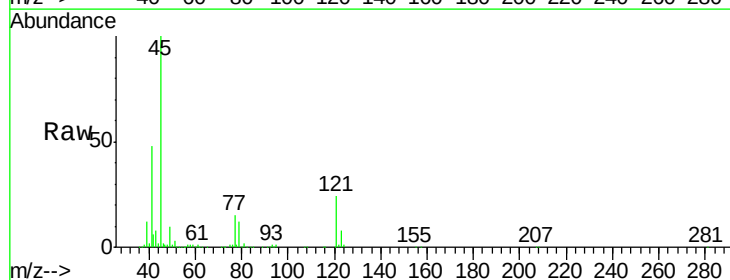
RT: 8.20 min Scan# 886

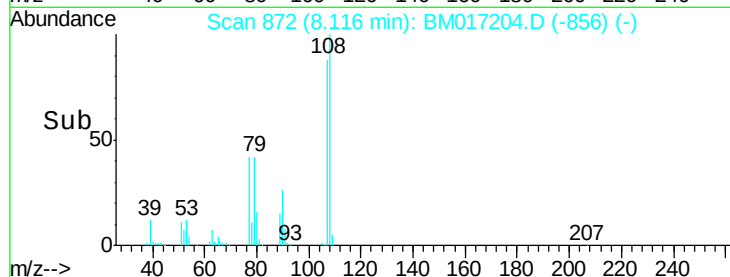
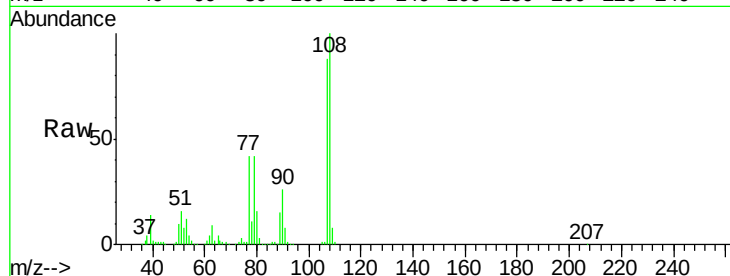
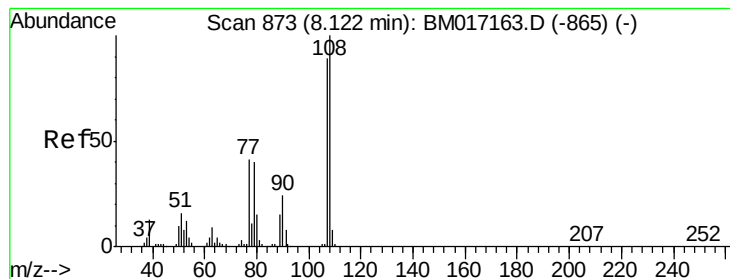
Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	45	Resp:	1279227
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.5
79	12.0	0.0	32.1





#17

2-Methylphenol

Concen: 45.158 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	816708		
108	113.4	90.3	135.5	
77	48.1	37.0	55.4	
79	47.8	35.8	53.6	

Instrument :

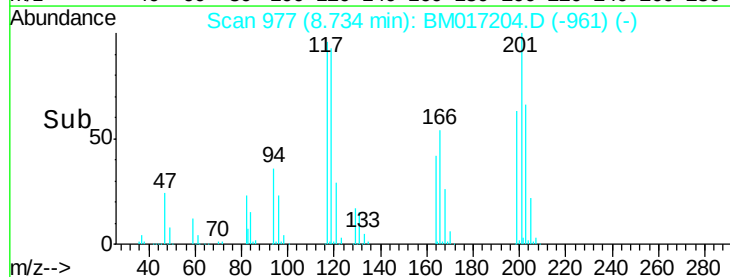
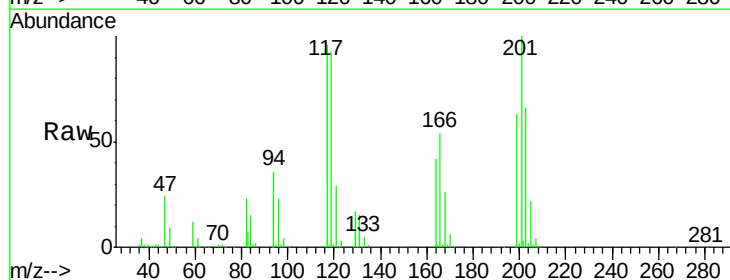
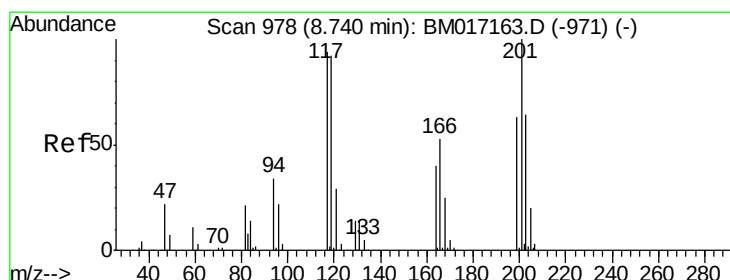
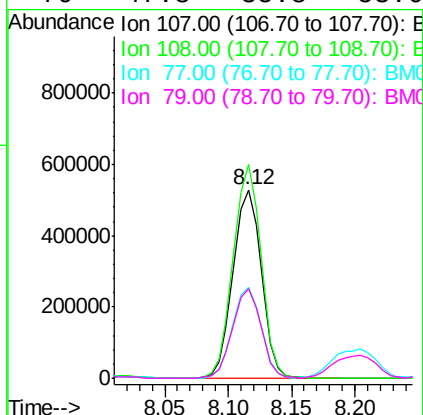
BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

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#18

Hexachloroethane

Concen: 43.646 ng

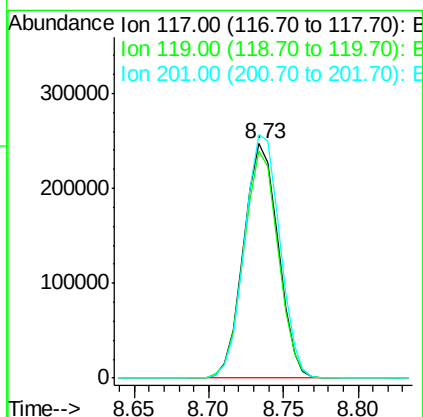
RT: 8.73 min Scan# 977

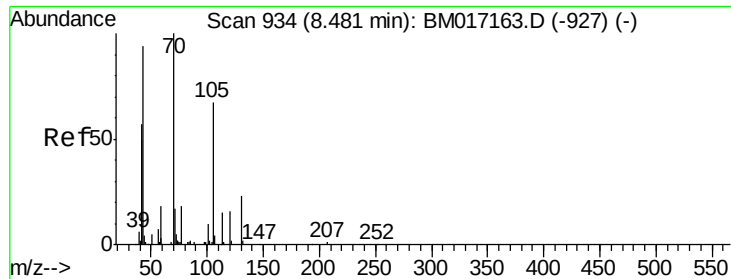
Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	395618		
119	96.7	78.2	117.2	
201	103.8	85.3	127.9	





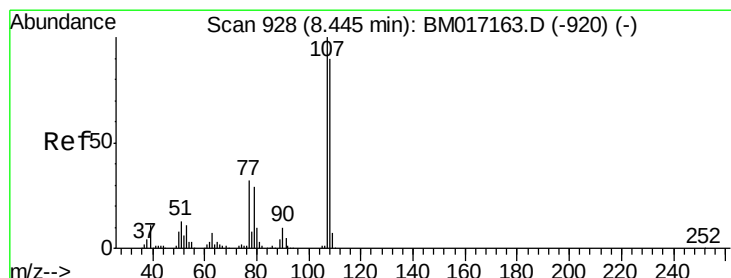
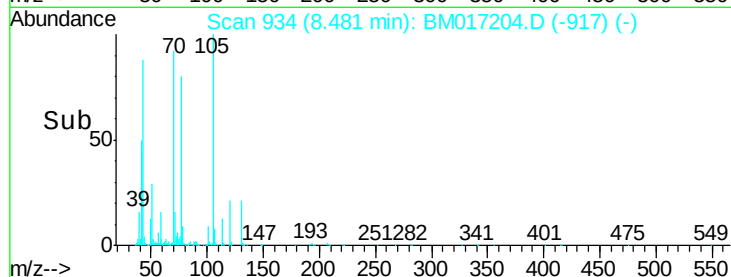
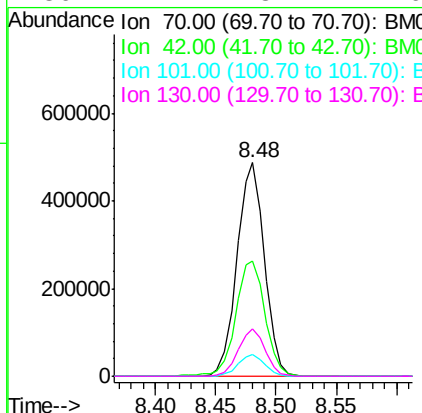
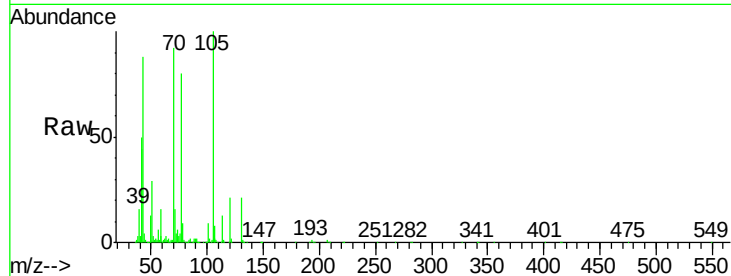
#19
n-Nitroso-di-n-propylamine
Concen: 44.770 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.2	46.1	69.1
101	10.1	8.2	12.4
130	22.4	18.4	27.6

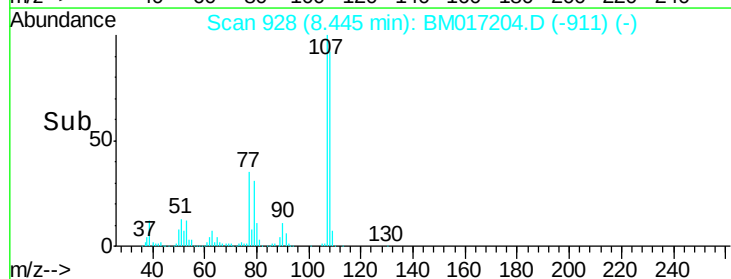
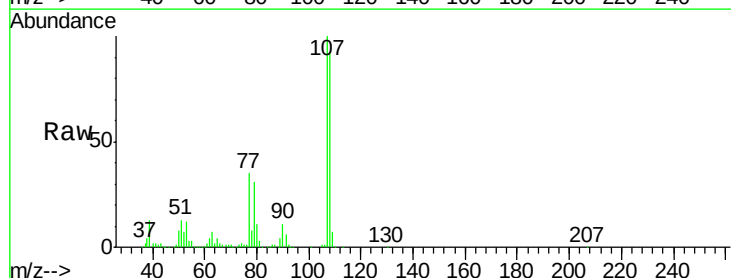
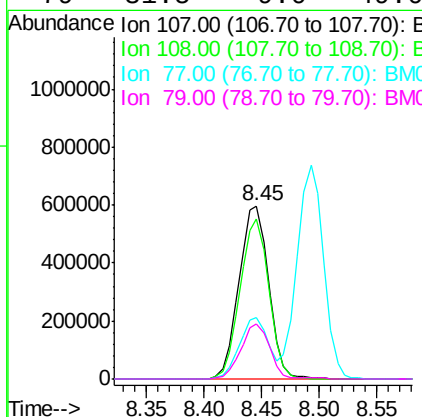
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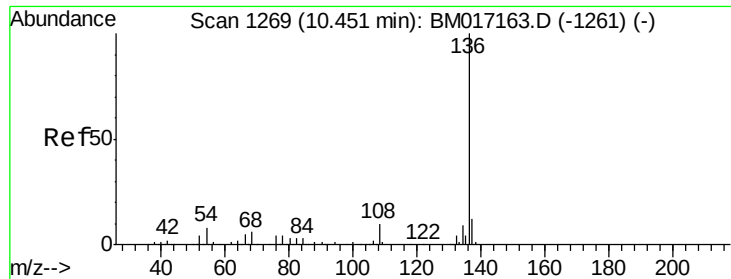
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#20
3+4-Methylphenols
Concen: 43.184 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	69.9	109.9
77	35.2	12.2	52.2
79	31.5	9.0	49.0





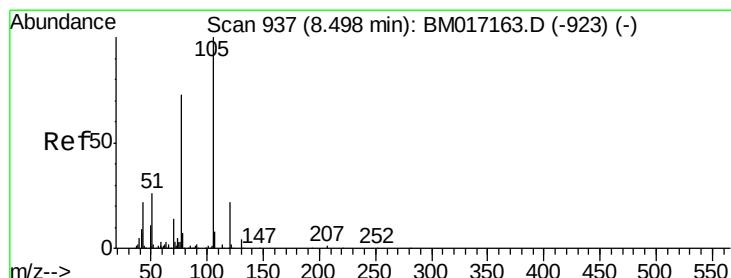
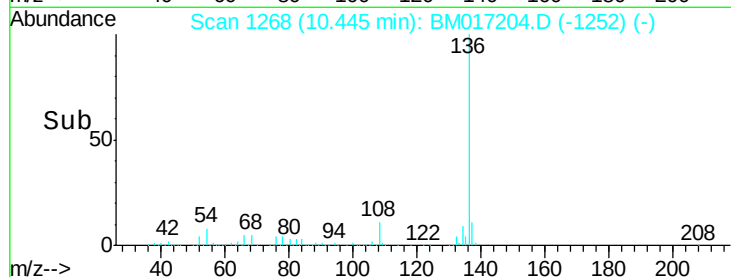
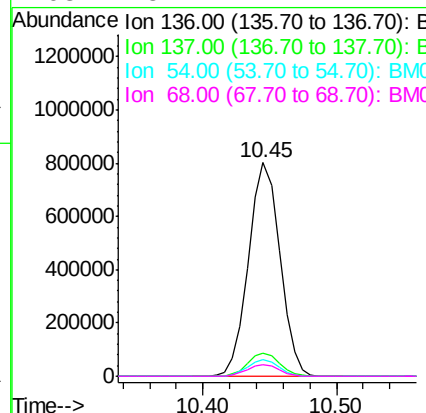
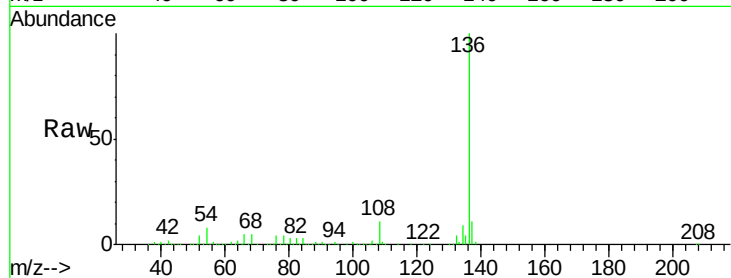
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.6	6.7	10.1
68	5.2	4.7	7.1

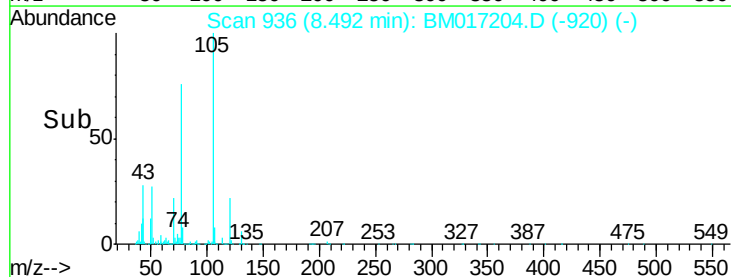
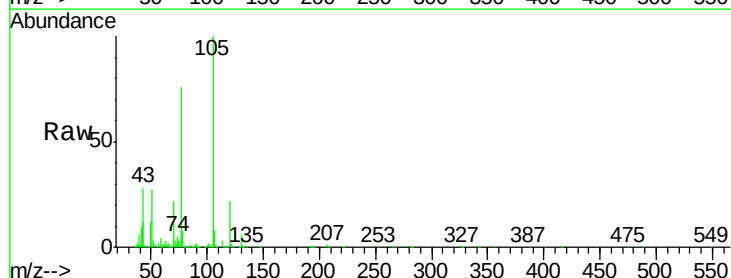
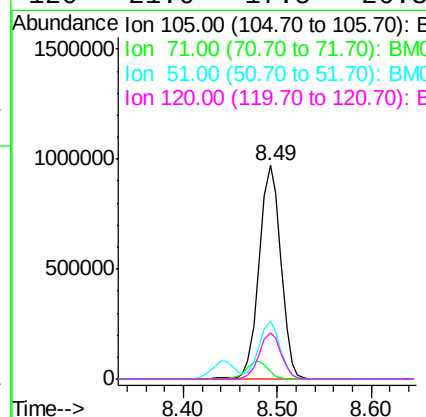
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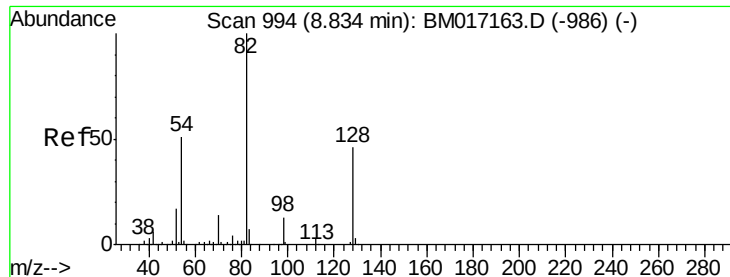
Sohil
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#22
Acetophenone
Concen: 47.291 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.0	3.0#
51	26.9	20.6	31.0
120	21.6	17.5	26.3





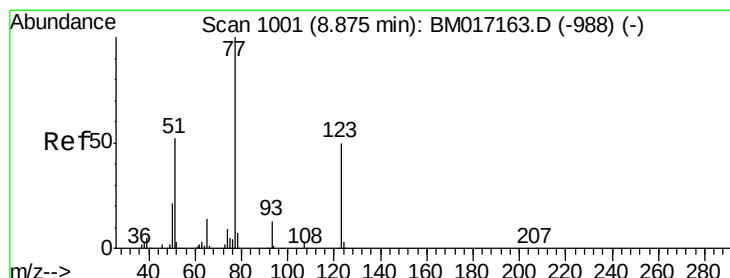
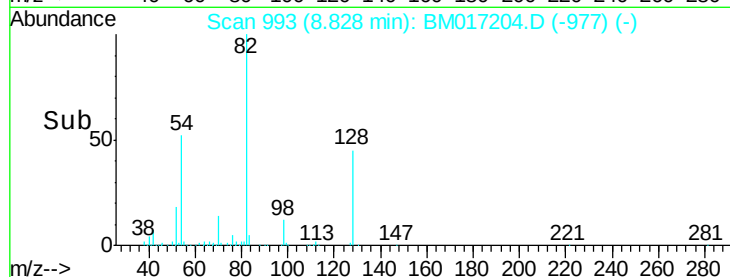
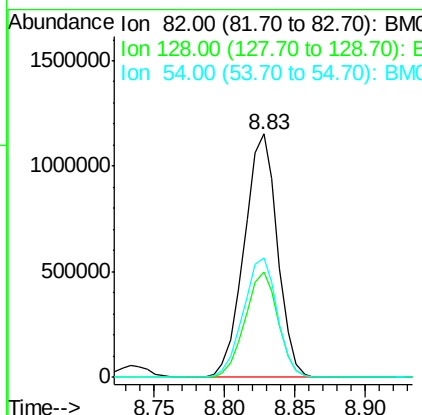
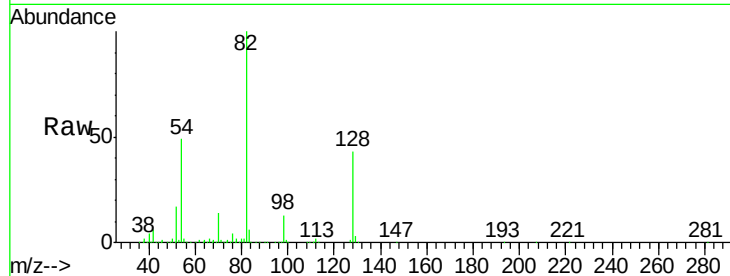
#23
 Nitrobenzene-d5
 Concen: 85.380 ng
 RT: 8.83 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	49.3	40.7	61.1

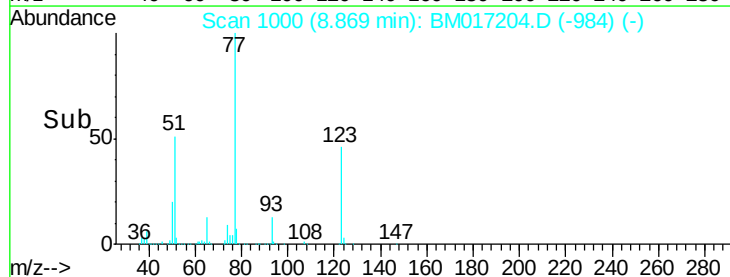
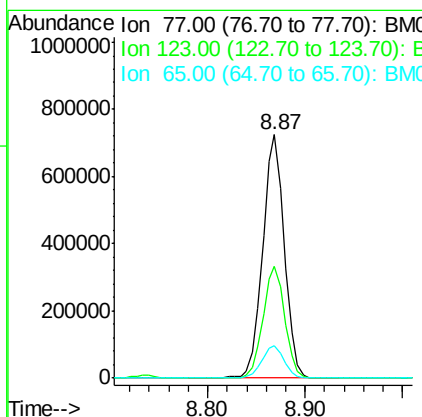
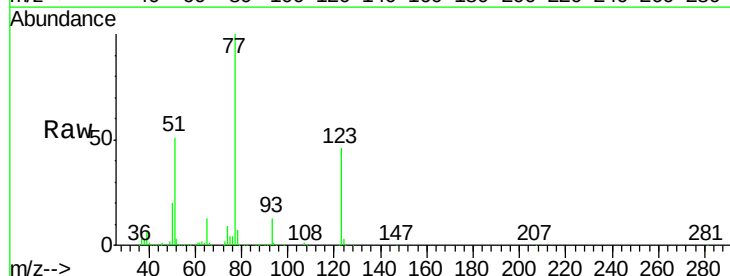
Manual Integrations
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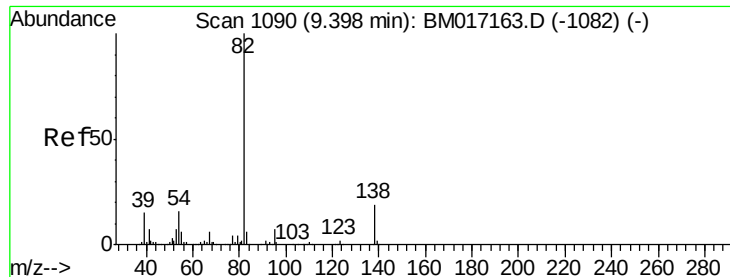
Sohil
 10/19/2018 2:37:41 PM



#24
 Nitrobenzene
 Concen: 47.826 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	40.2	60.4
65	13.4	11.4	17.0





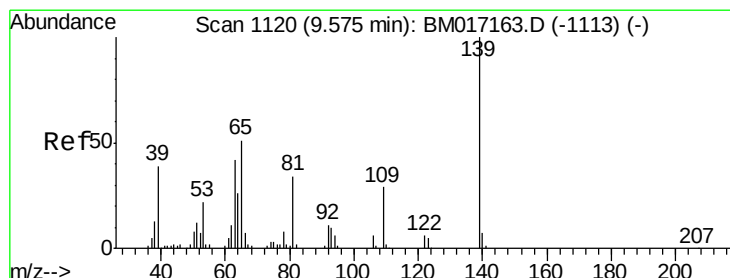
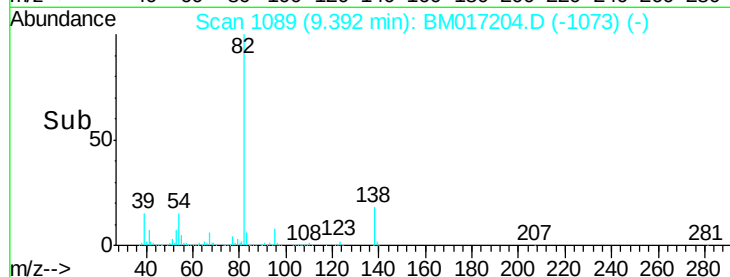
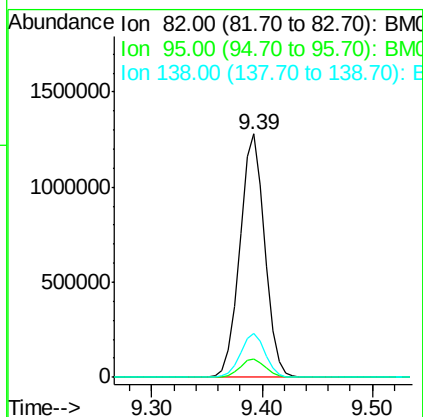
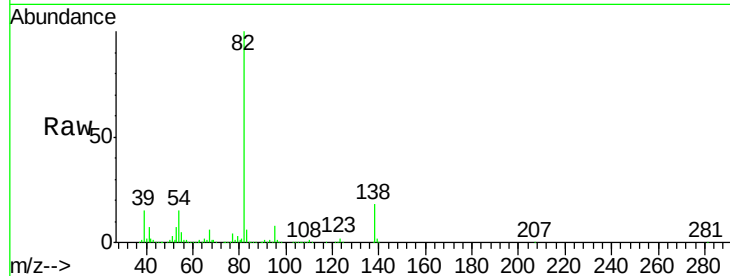
#25
Isophorone
Concen: 54.806 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion: 82 Resp: 2018328
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.1 15.4 23.2

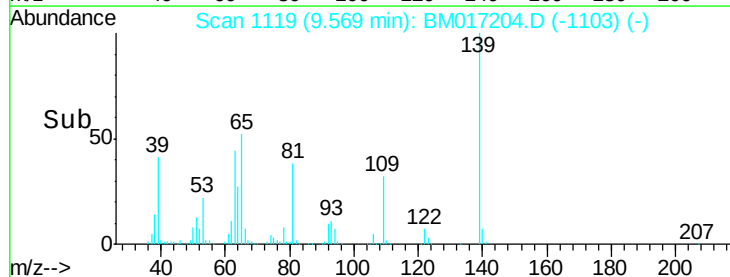
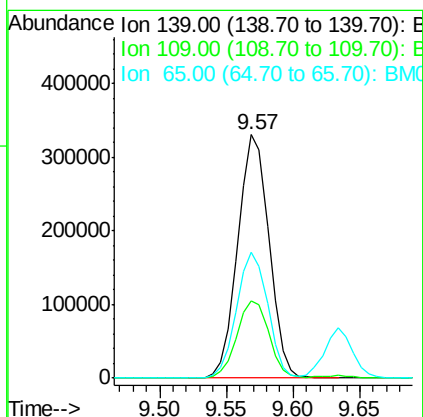
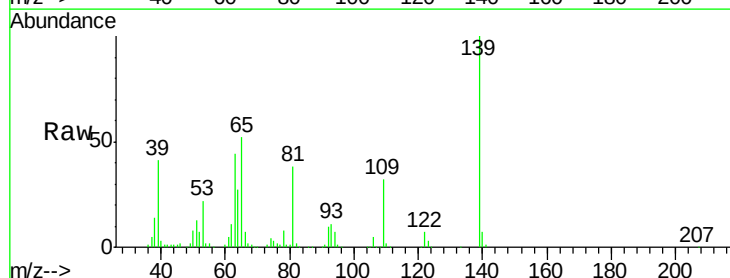
Manual Integrations
APPROVED

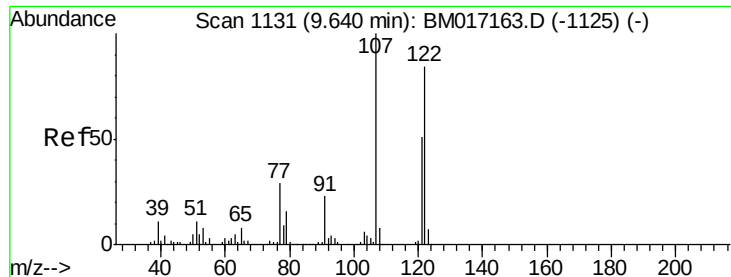
Sohil
10/19/2018 2:37:41 PM



#26
2-Nitrophenol
Concen: 48.575 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 139 Resp: 537157
Ion Ratio Lower Upper
139 100
109 31.9 23.2 34.8
65 51.8 40.6 61.0





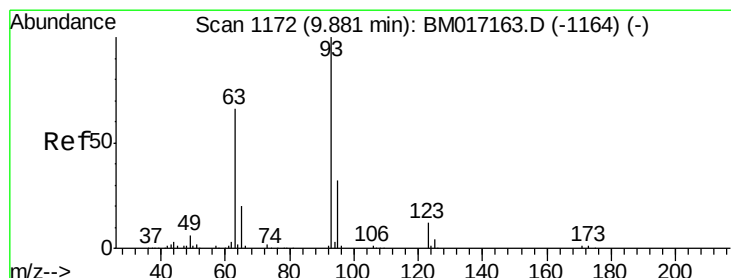
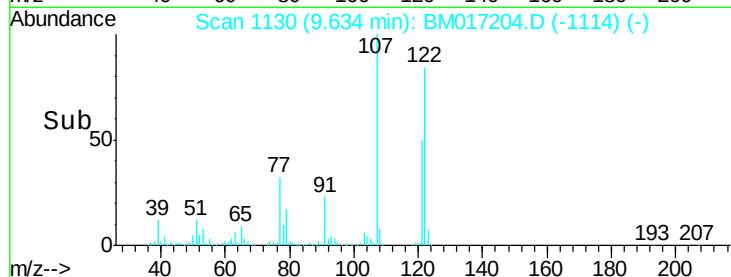
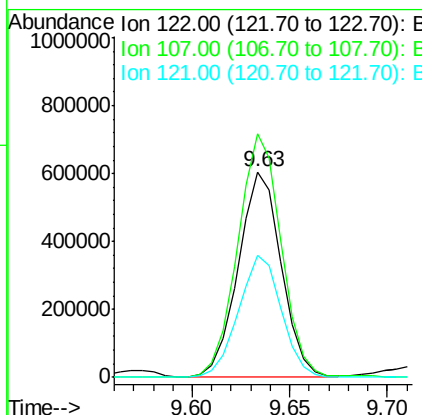
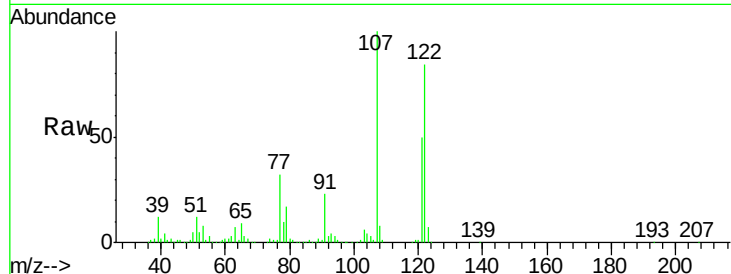
#27
2,4-Dimethylphenol
Concen: 56.186 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.4	95.0	142.6
121	59.4	48.2	72.4

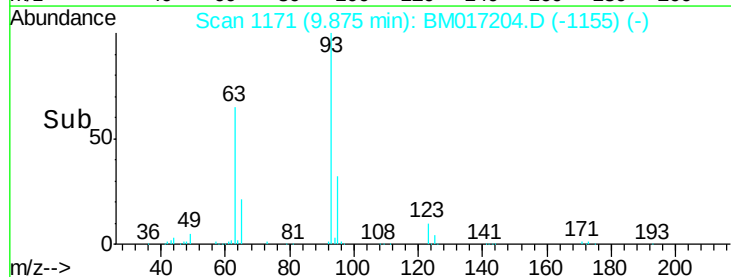
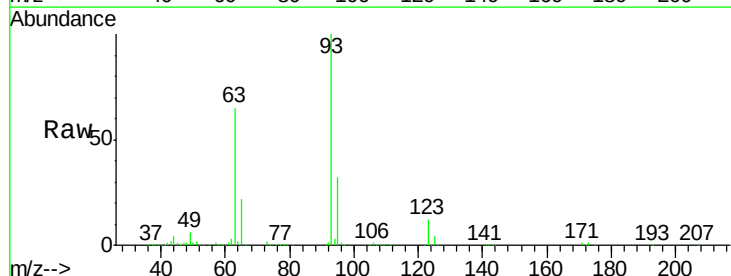
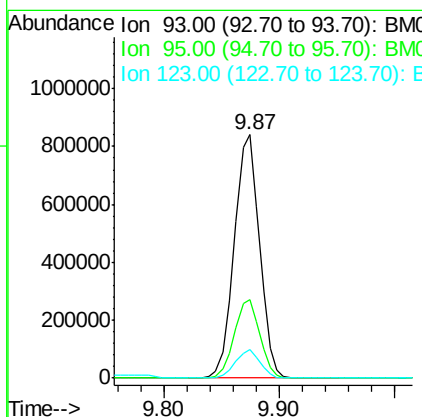
Manual Integrations
APPROVED

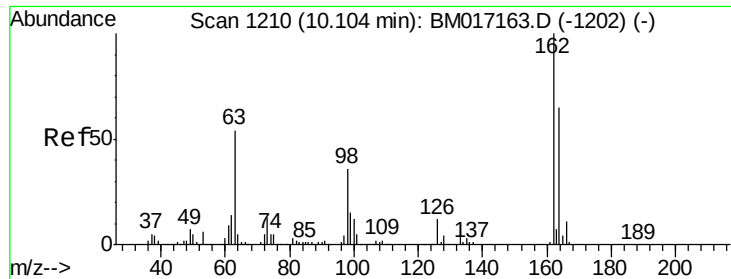
Sohil
10/19/2018 2:37:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.168 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.7	38.5
123	11.6	9.4	14.0





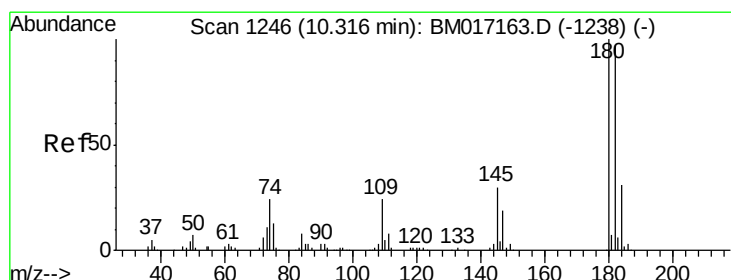
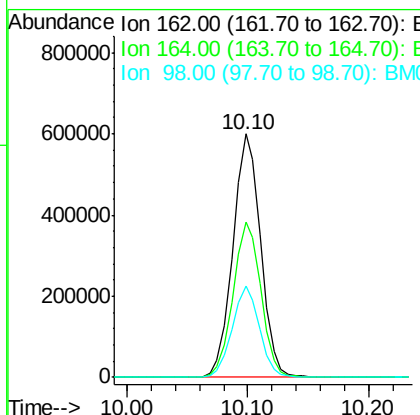
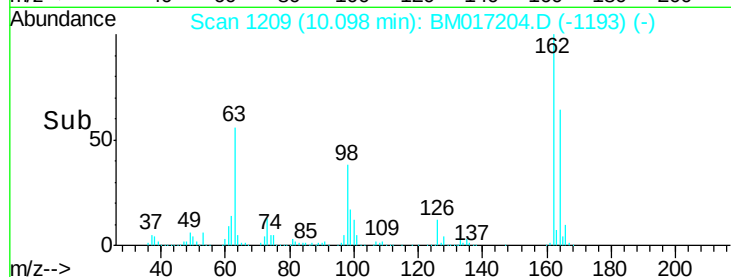
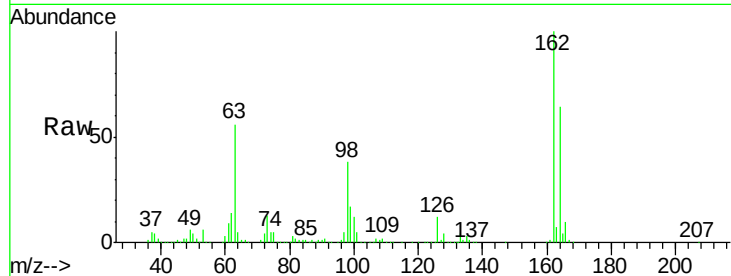
#29
2,4-Dichlorophenol
Concen: 50.741 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	959367		
164	63.7	44.9	84.9	
98	37.7	15.8	55.8	

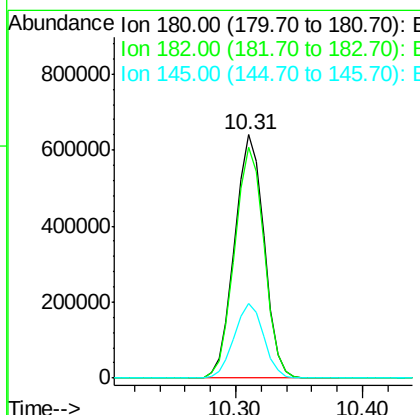
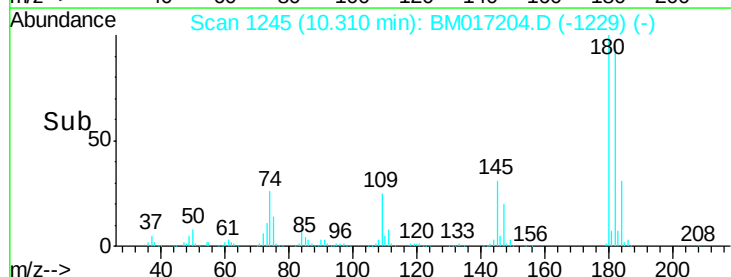
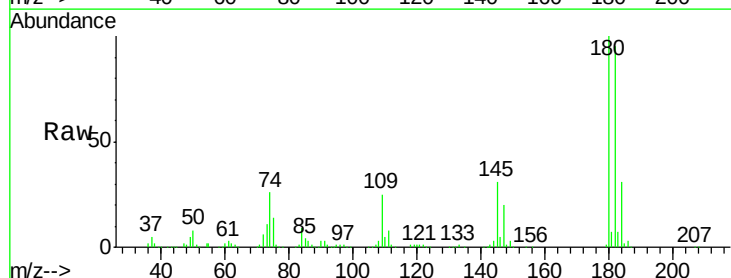
Manual Integrations
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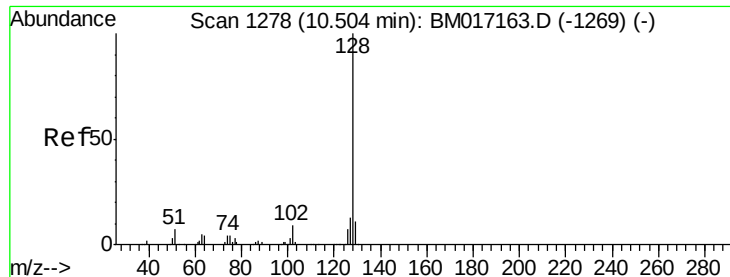
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#30
1,2,4-Trichlorobenzene
Concen: 45.286 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1027139		
182	94.7	77.5	116.3	
145	30.9	24.0	36.0	





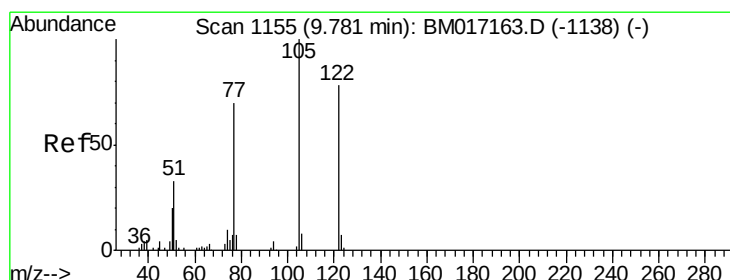
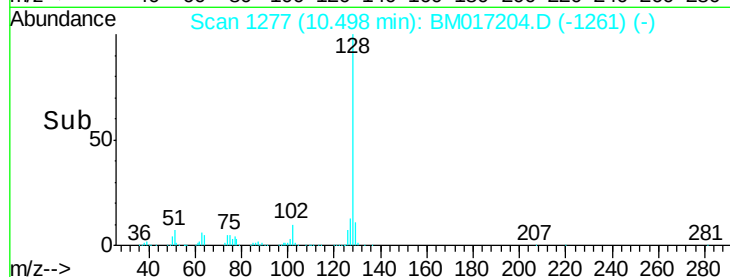
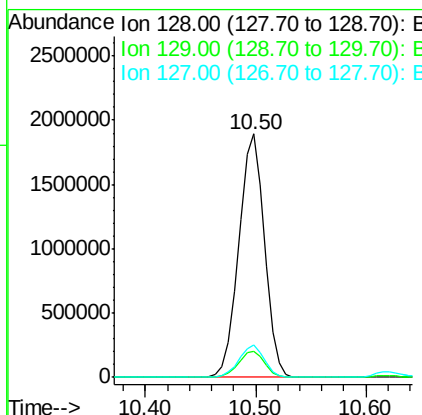
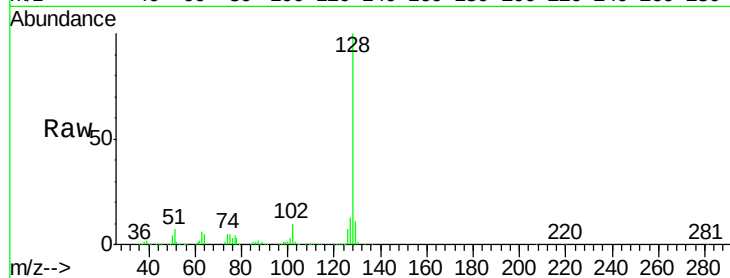
#31
Naphthalene
Concen: 48.373 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.1	10.3	15.5

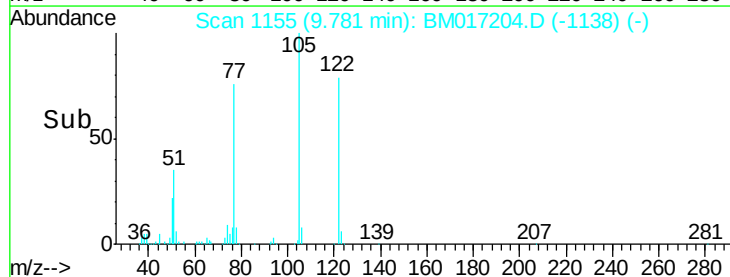
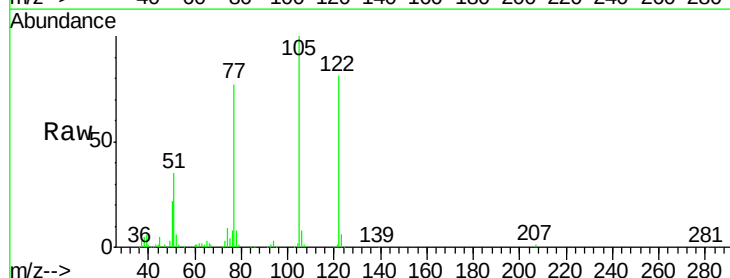
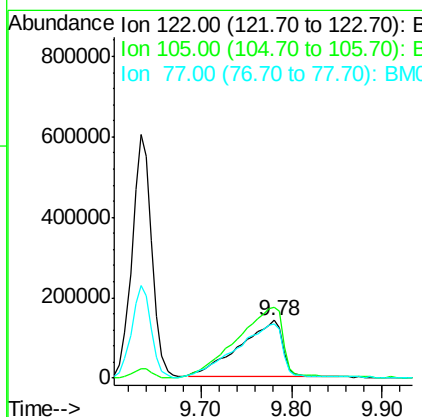
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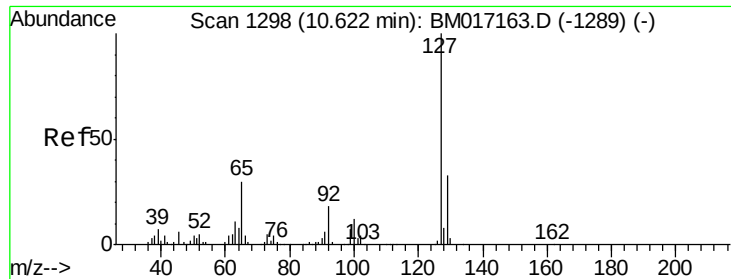
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#32
Benzoic acid
Concen: 38.477 ng
RT: 9.78 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	102.0	142.0
77	95.0	67.7	107.7





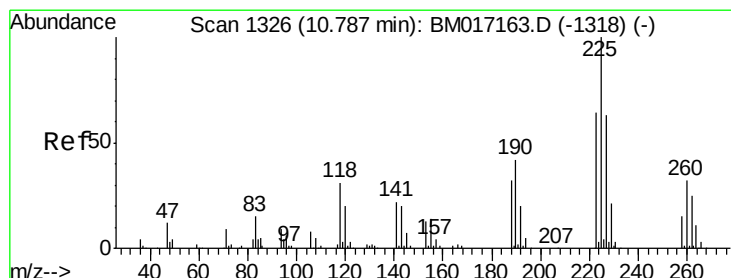
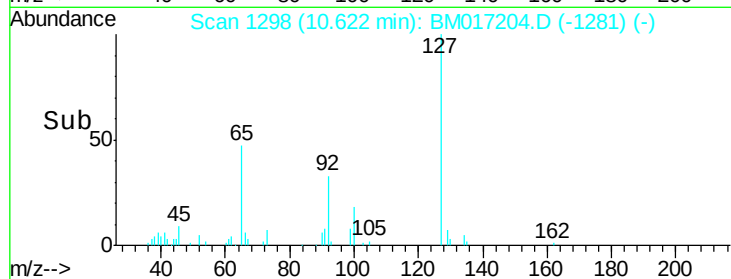
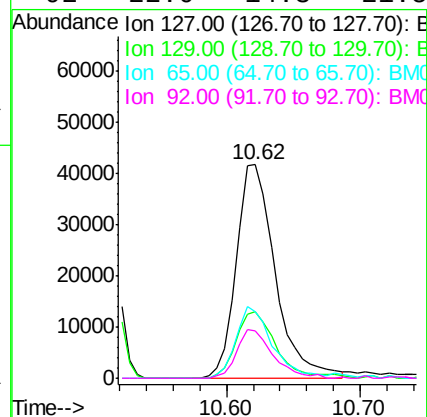
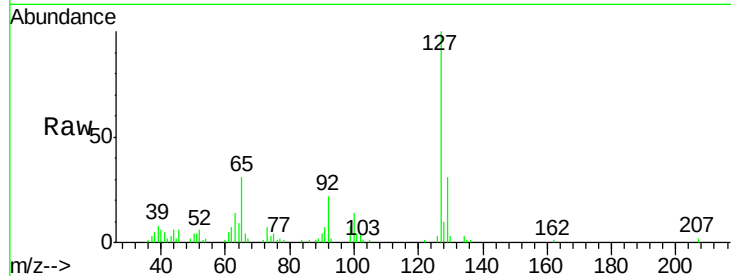
#33
4-Chloroaniline
Concen: 3.075 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	84896		
129	31.2	26.2	39.4	
65	31.3	23.7	35.5	
92	22.0	14.3	21.5	

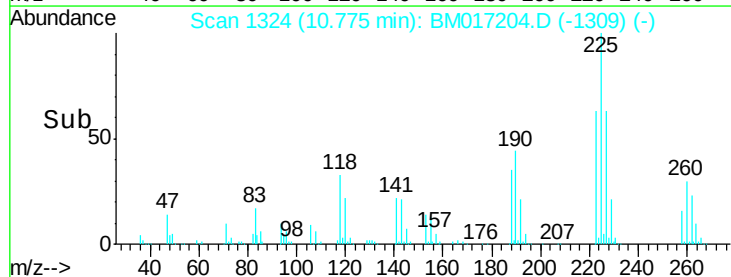
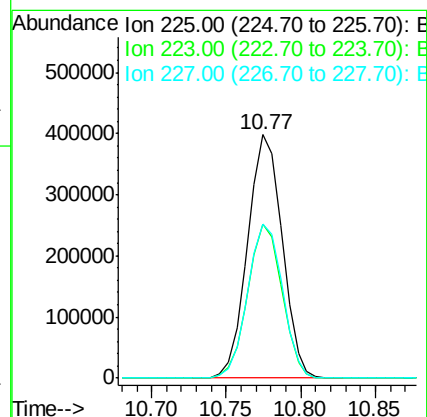
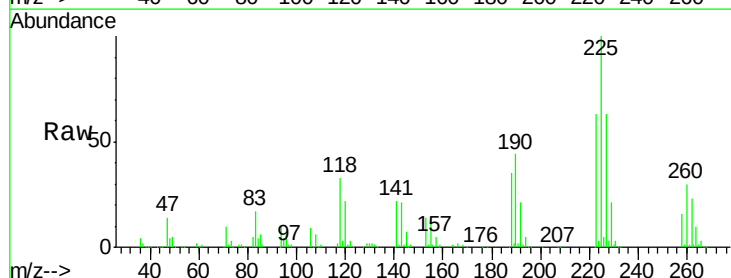
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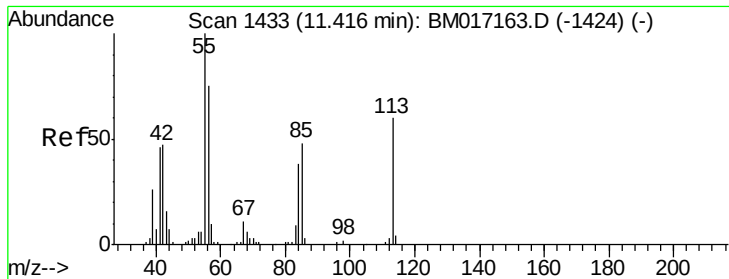
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#34
Hexachlorobutadiene
Concen: 44.302 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	636673		
223	63.3	51.0	76.6	
227	63.2	50.8	76.2	





#35

Caprolactam

Concen: 26.013 ng m

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:113 Resp: 179239

Ion Ratio Lower Upper

113 100

55 152.8 147.0 187.0

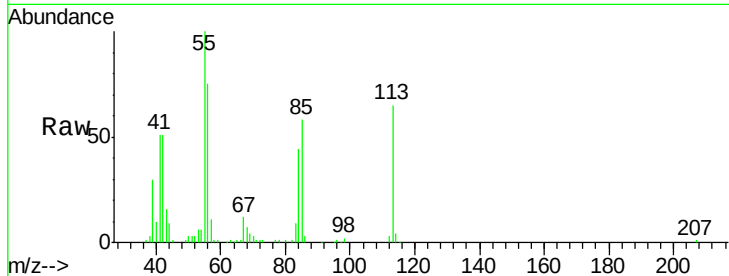
56 115.3 104.5 144.5

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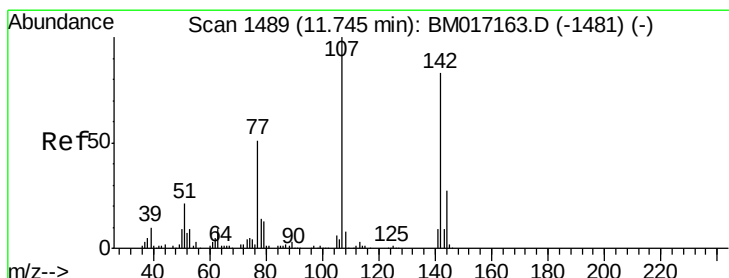
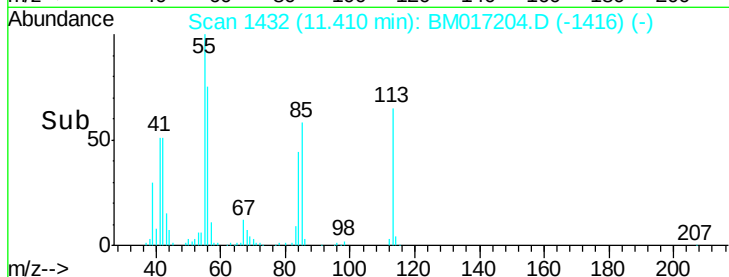
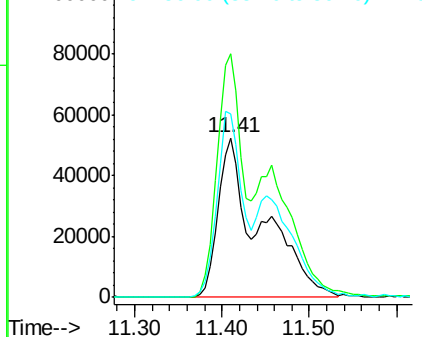
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 46.740 ng

RT: 11.75 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

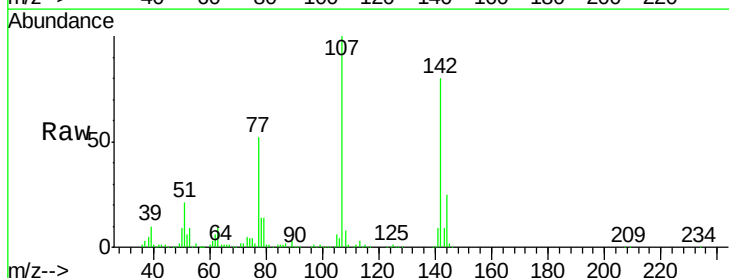
Tgt Ion:107 Resp: 996125

Ion Ratio Lower Upper

107 100

144 25.3 21.6 32.4

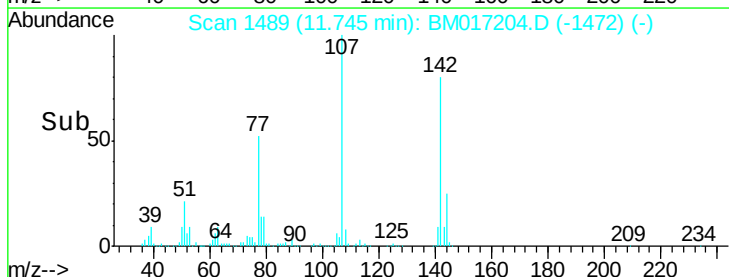
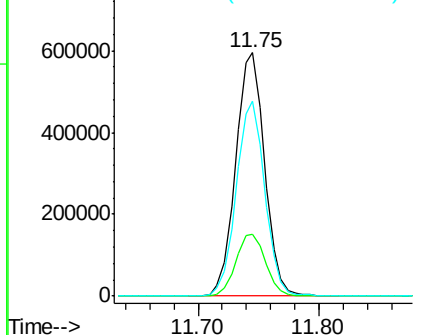
142 79.8 66.0 99.0

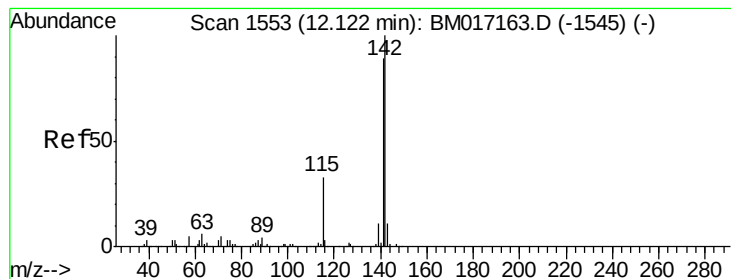


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.279 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

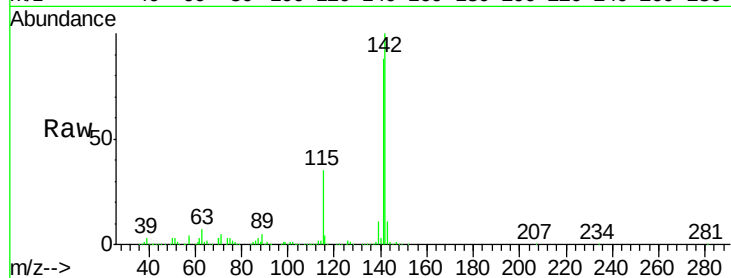
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

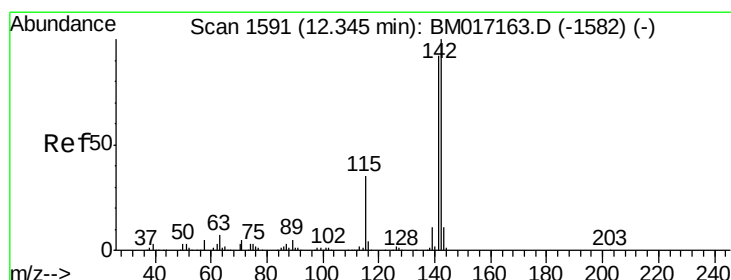
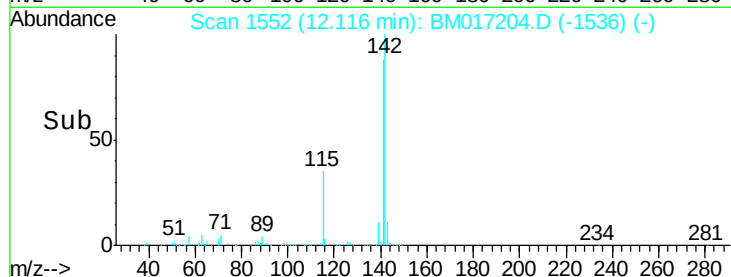
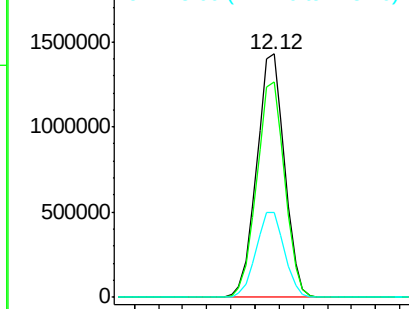
Tgt Ion:	142	Resp:	2286732
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.9	106.3
115	34.8	26.4	39.6

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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: 50.434 ng

RT: 12.33 min Scan# 1589

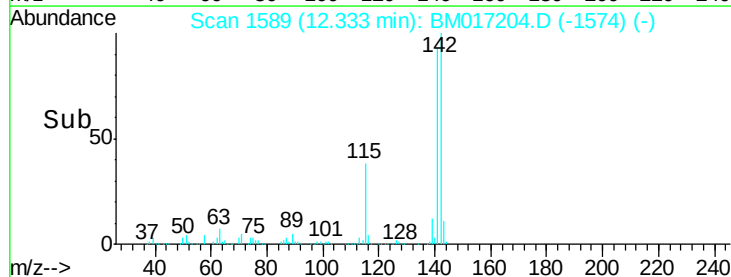
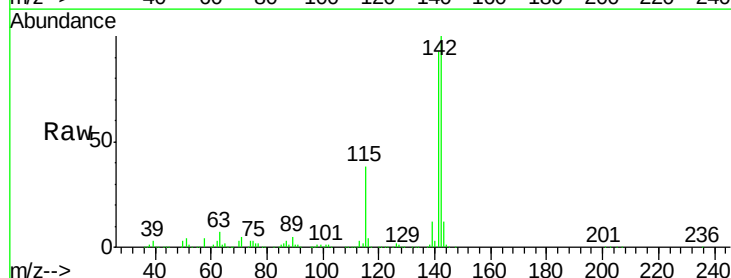
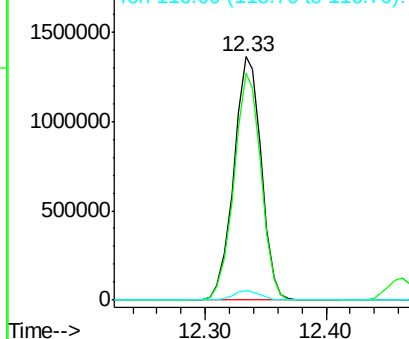
Delta R.T. -0.01 min

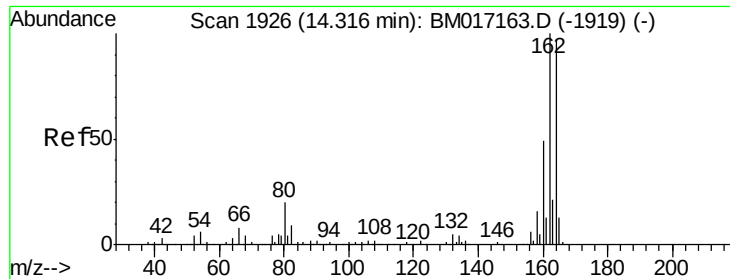
Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	142	Resp:	2147116
Ion Ratio	Lower	Upper	
142	100		
141	93.1	73.8	110.6
116	4.1	2.9	4.3

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





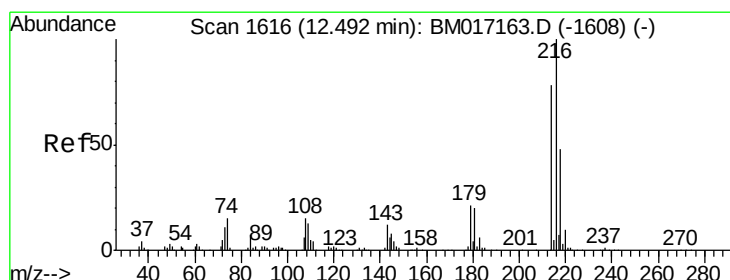
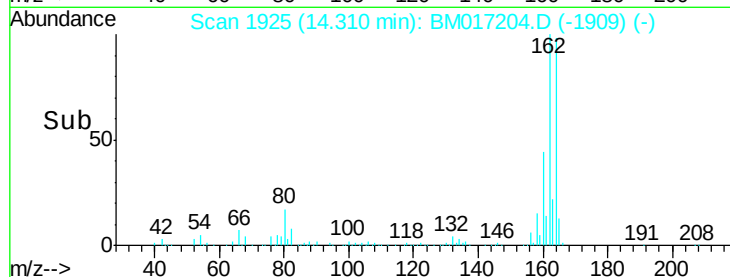
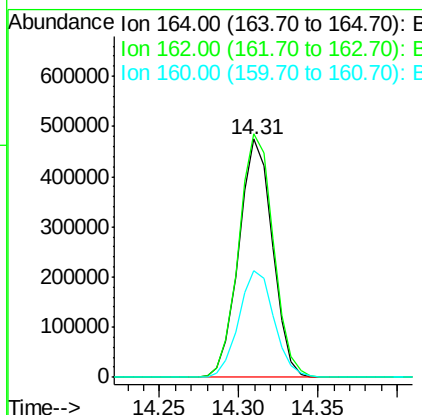
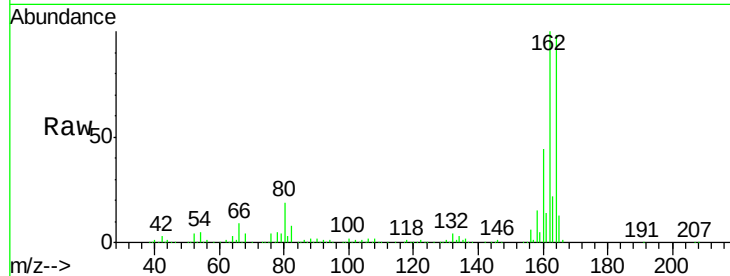
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	45.0	40.2	60.2

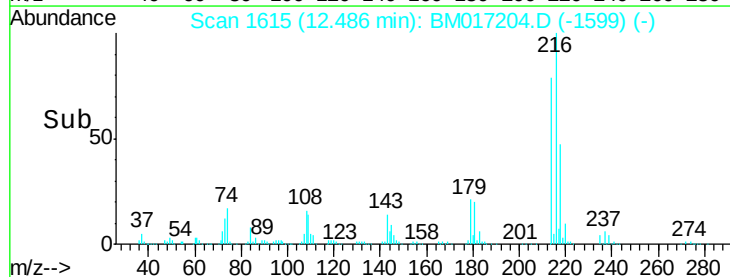
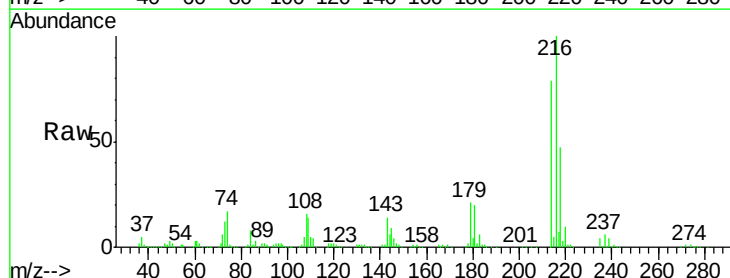
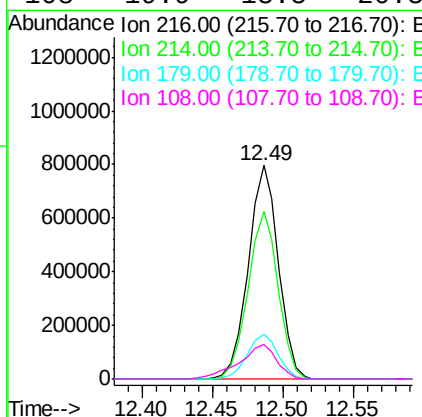
Manual Integrations
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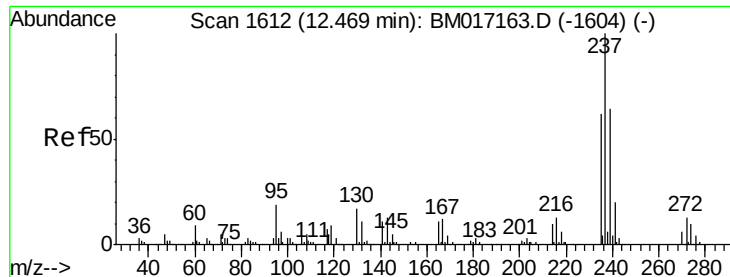
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.368 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.2	16.6	24.8
108	19.9	13.5	20.3





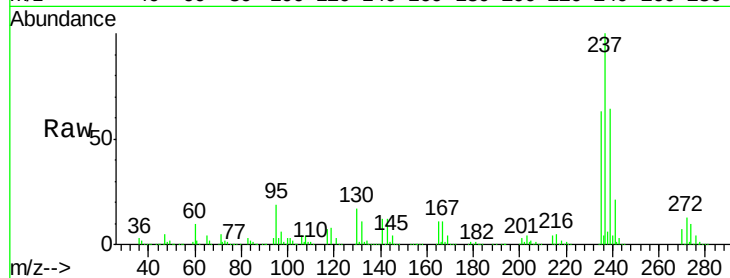
#41
Hexachlorocyclopentadiene
Concen: 134.542 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

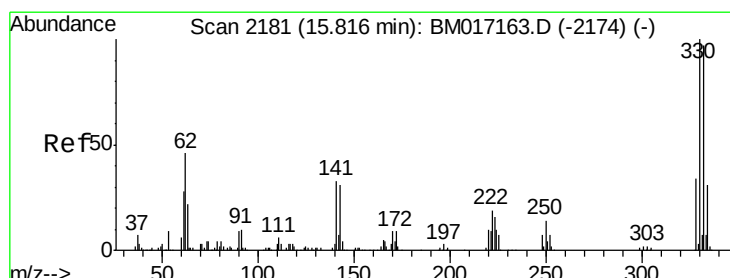
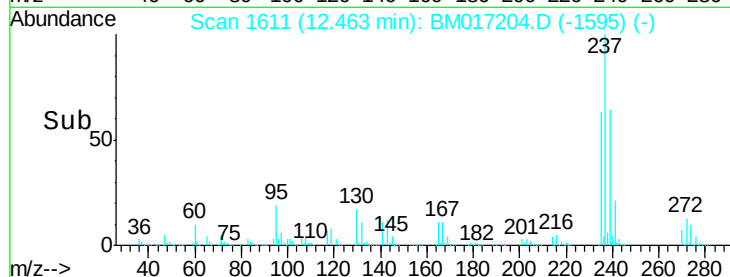
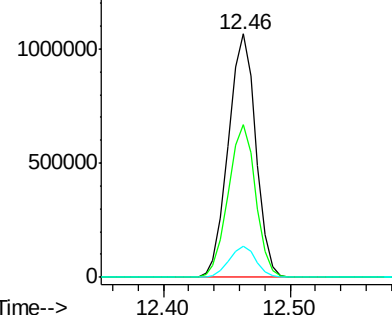
Tgt Ion: 237 Resp: 1598961
Ion Ratio Lower Upper
237 100
235 62.7 42.4 82.4
272 12.6 0.0 33.0

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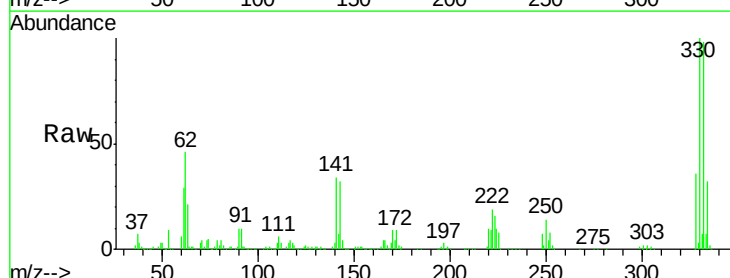


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

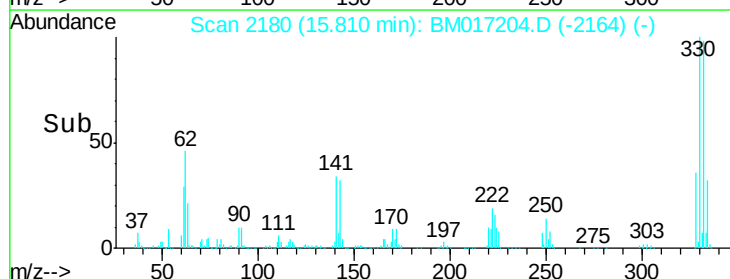
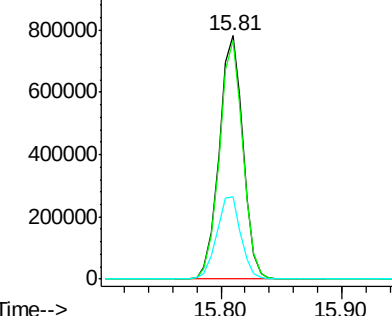


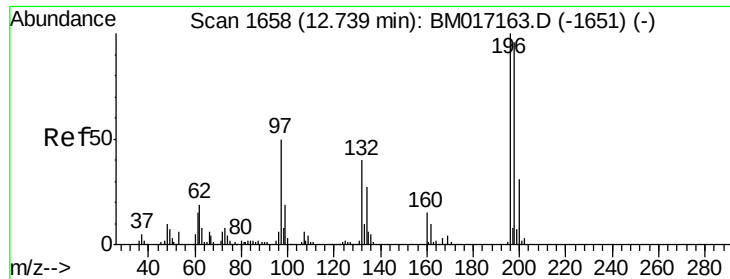
#42
2,4,6-Tribromophenol
Concen: 113.442 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 330 Resp: 1070929
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.6 27.4 41.0



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





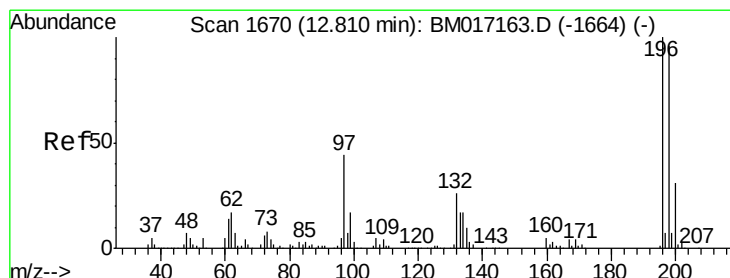
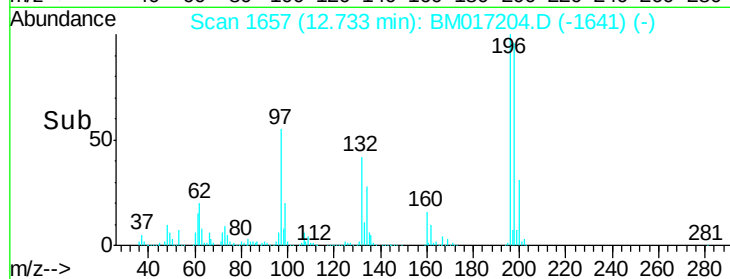
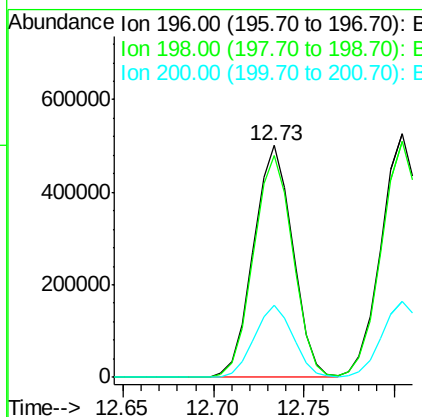
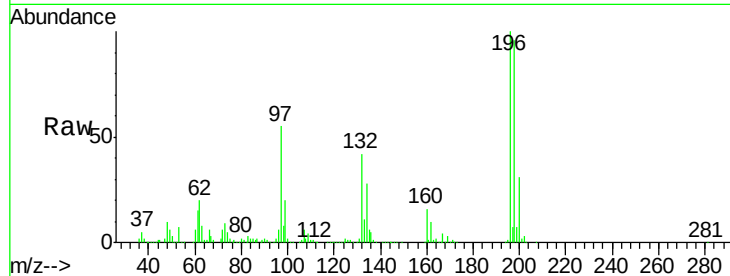
#43
 2,4,6-Trichlorophenol
 Concen: 52.910 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	755068		
198	95.6	77.1	115.7	
200	30.9	25.0	37.4	

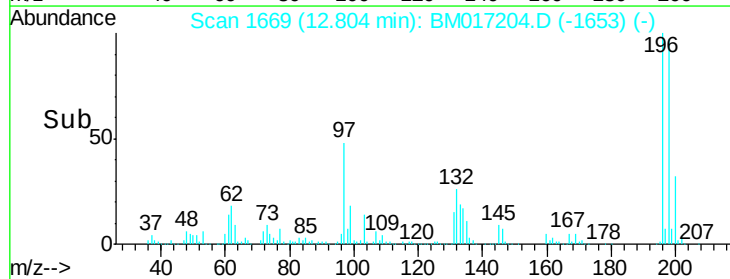
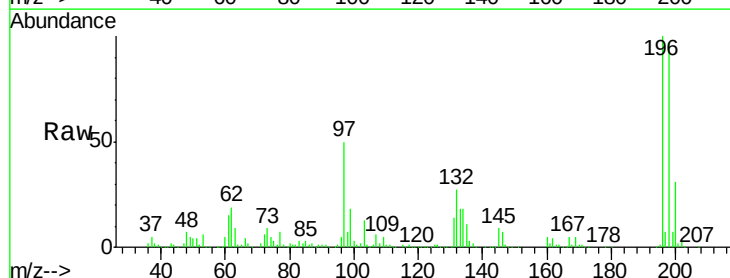
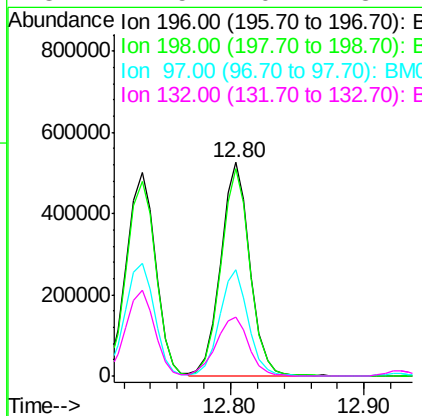
Manual Integrations
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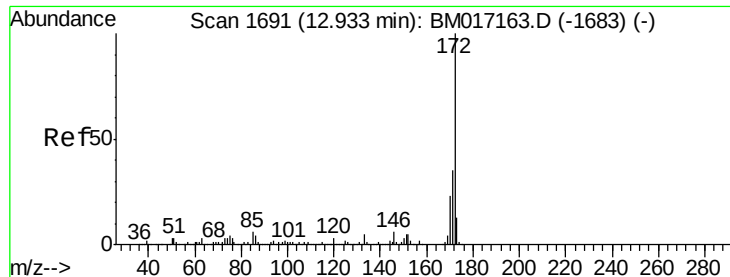
Sohil
 10/19/2018 2:37:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.434 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	802394		
198	96.9	76.6	115.0	
97	49.6	35.5	53.3	
132	27.5	20.7	31.1	





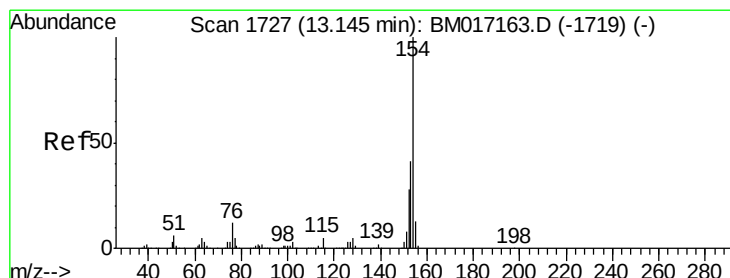
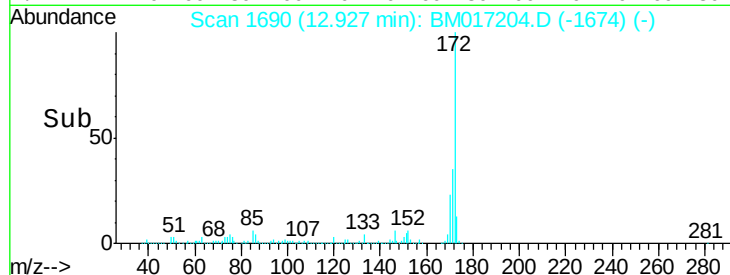
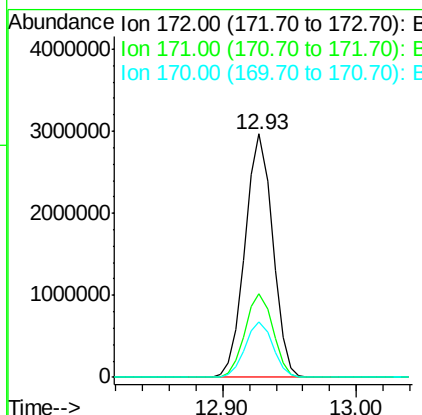
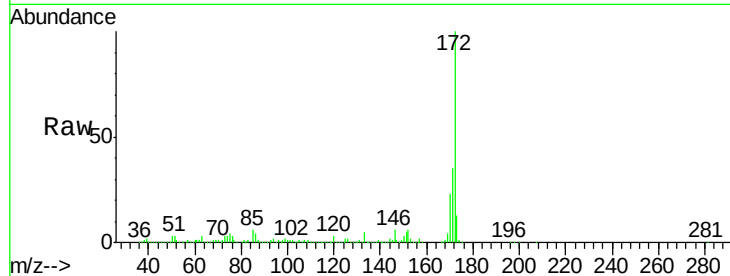
#45
2-Fluorobiphenyl
Concen: 80.670 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:172 Resp: 4232337
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 18.3 27.5

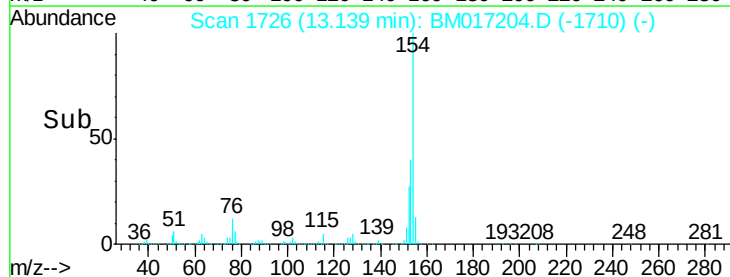
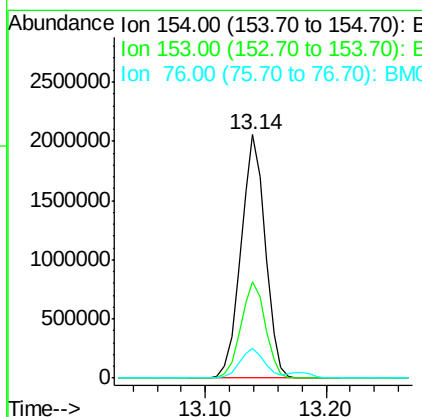
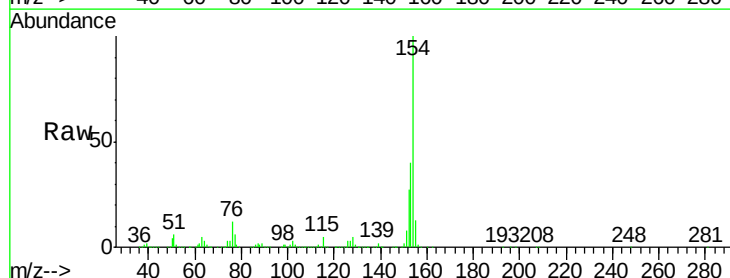
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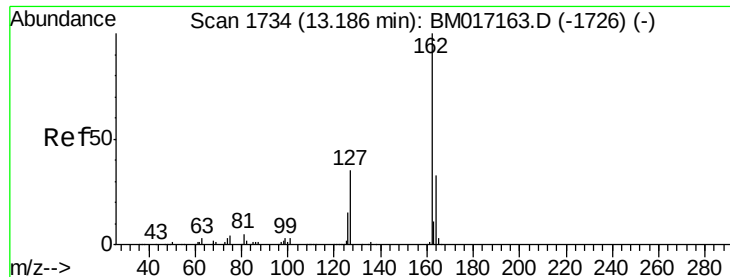
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#46
1,1'-Biphenyl
Concen: 45.990 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion:154 Resp: 2889048
Ion Ratio Lower Upper
154 100
153 39.8 20.5 60.5
76 12.1 0.0 31.8





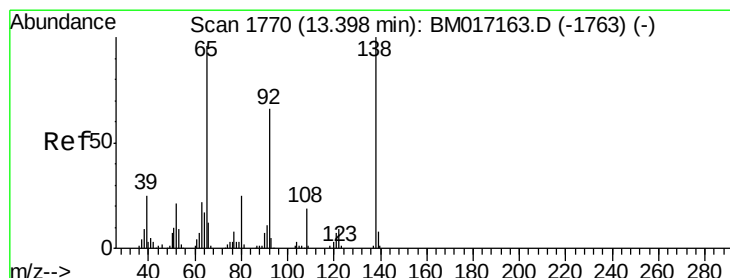
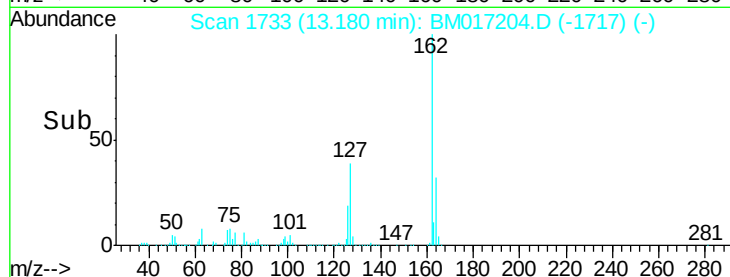
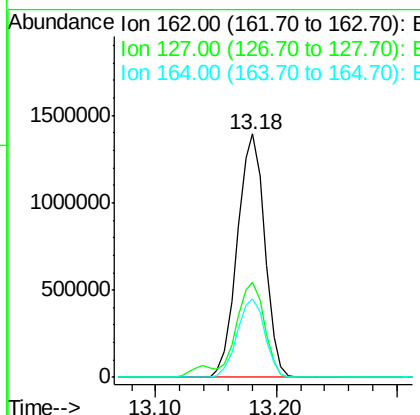
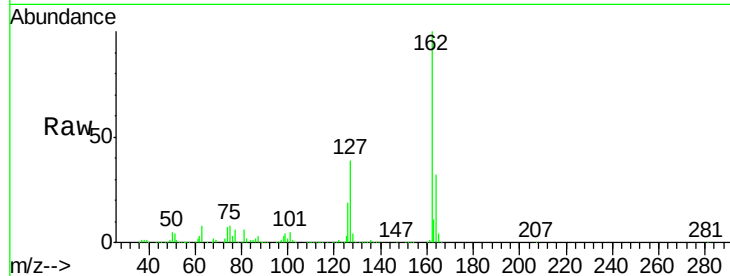
#47
2-Chloronaphthalene
Concen: 47.822 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion: 162 Resp: 2210043
Ion Ratio Lower Upper
162 100
127 39.0 31.0 46.4
164 32.5 26.6 39.8

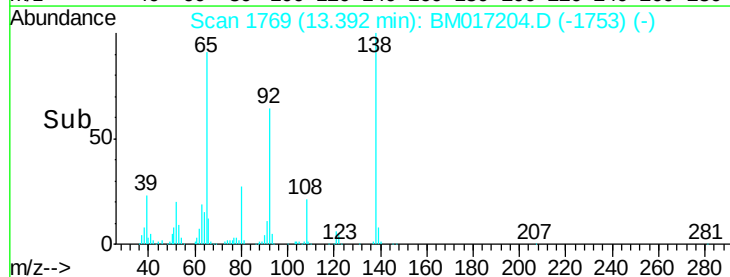
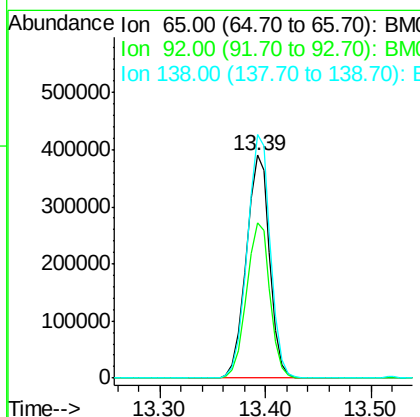
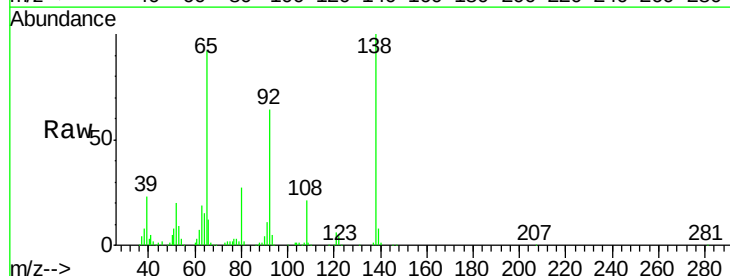
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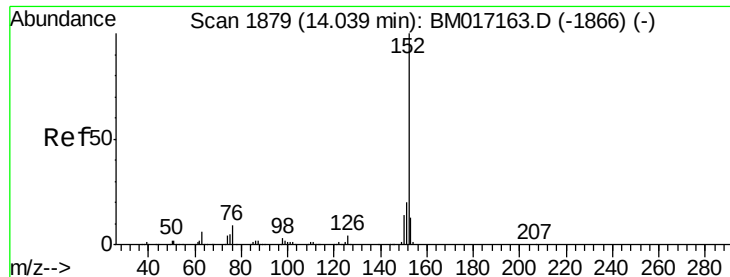
Sohil
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#48
2-Nitroaniline
Concen: 46.341 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 65 Resp: 602121
Ion Ratio Lower Upper
65 100
92 69.7 54.9 82.3
138 109.3 83.7 125.5





#49

Acenaphthylene

Concen: 52.017 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017204.D

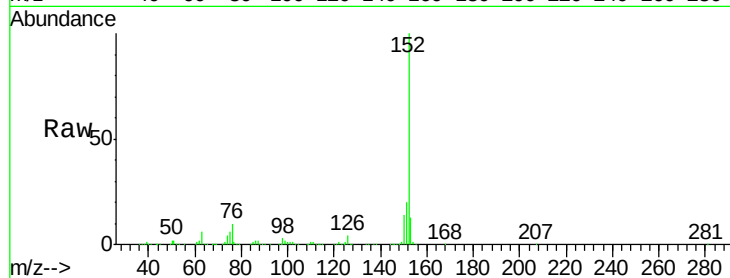
Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD



Tgt Ion:152 Resp: 3484464

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

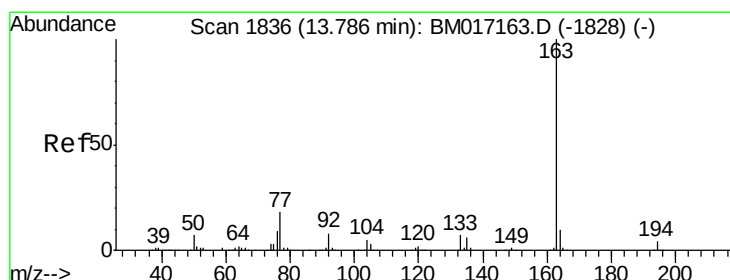
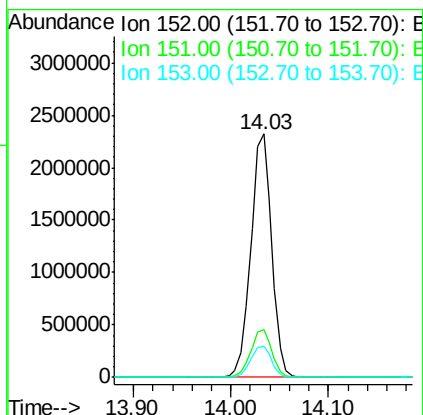
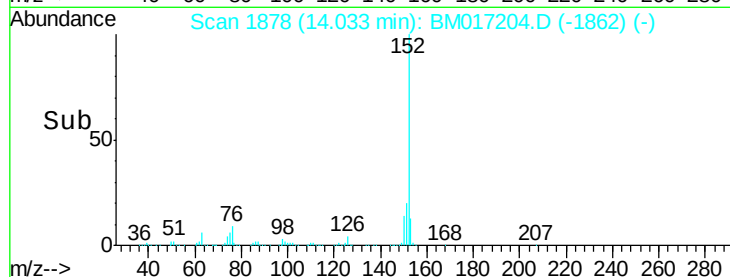
153 12.8 10.4 15.6

Manual Integrations

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#50

Dimethylphthalate

Concen: 47.435 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

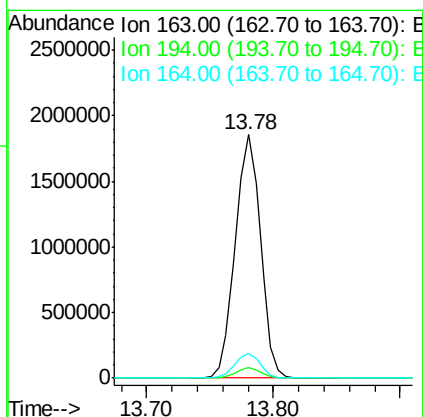
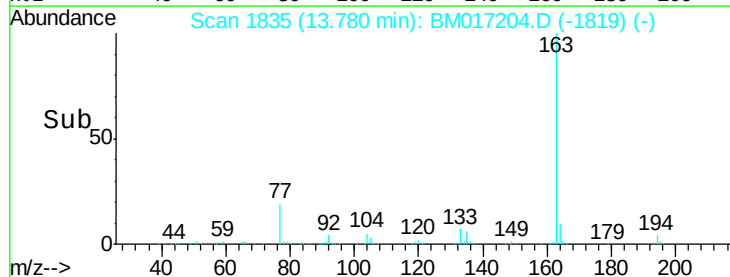
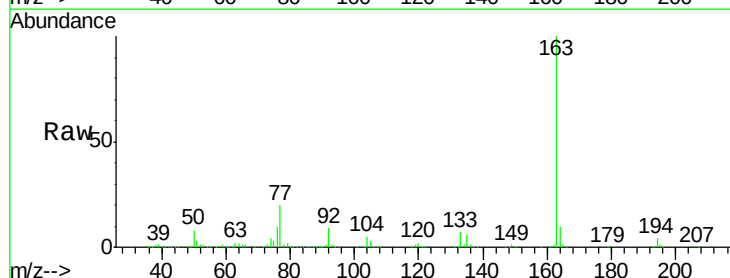
Tgt Ion:163 Resp: 2554666

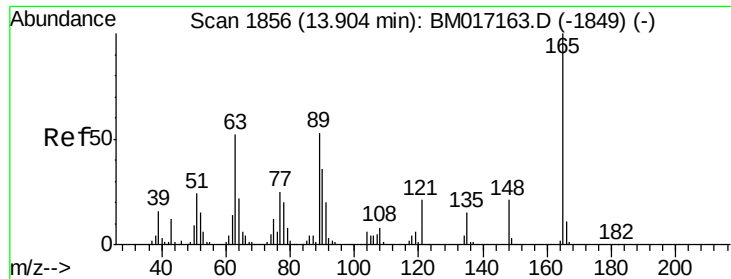
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 47.702 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

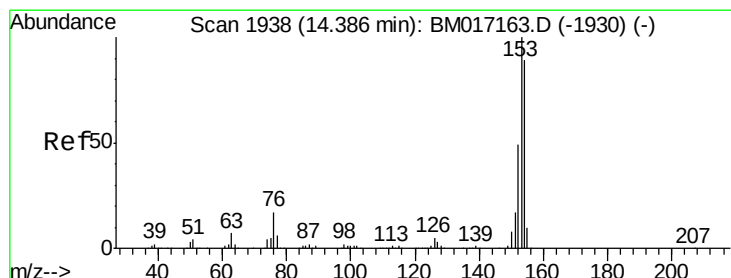
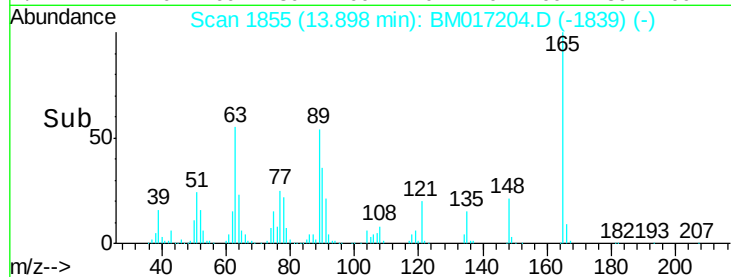
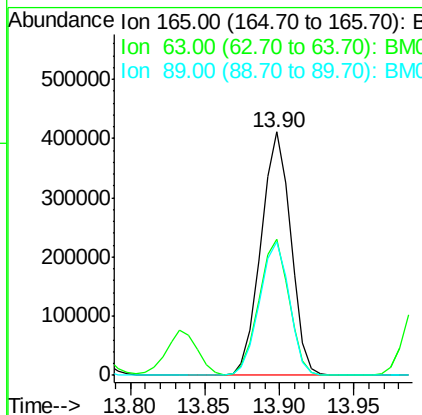
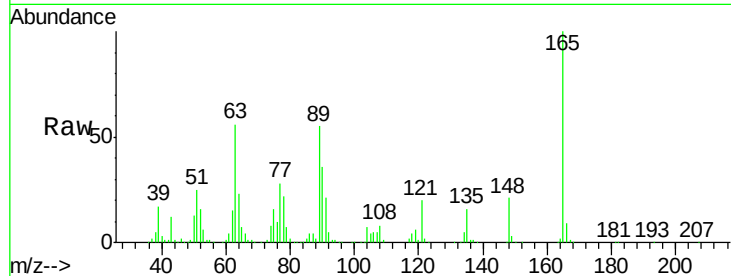
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:	165	Resp:	565434
Ion Ratio	Lower	Upper	
165	100		
63	56.0	42.7	64.1
89	54.6	42.1	63.1

Manual Integrations
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#52

Acenaphthene

Concen: 48.699 ng

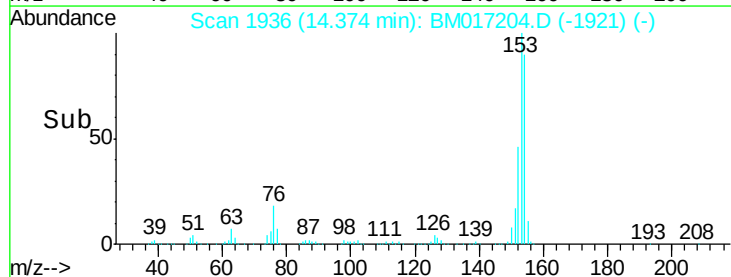
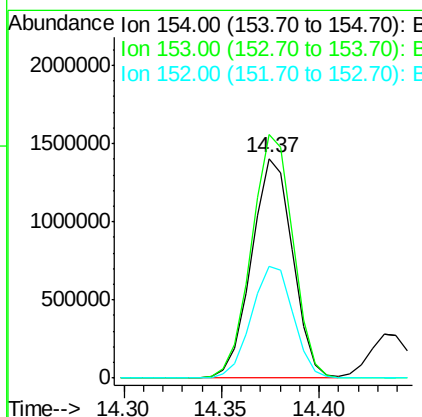
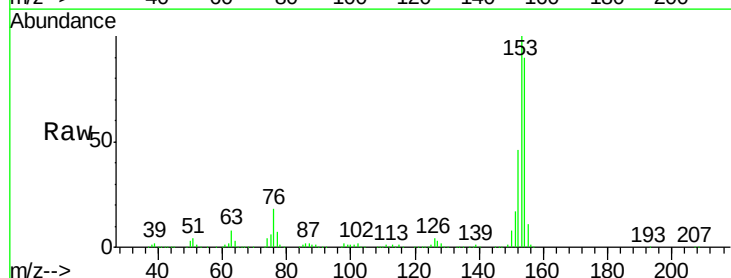
RT: 14.37 min Scan# 1936

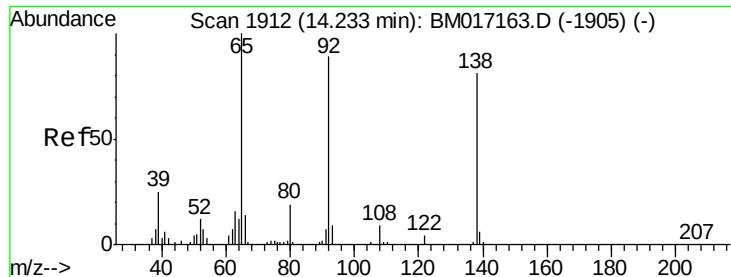
Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	154	Resp:	2048232
Ion Ratio	Lower	Upper	
154	100		
153	111.0	90.2	135.2
152	50.9	44.2	66.4





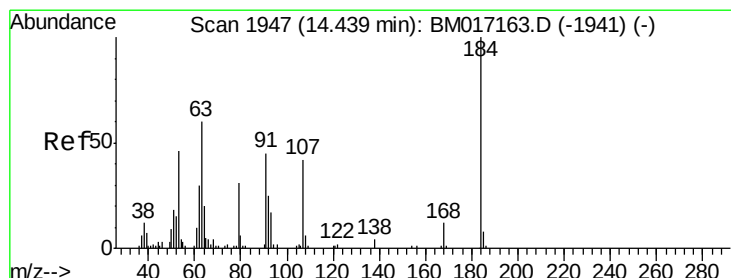
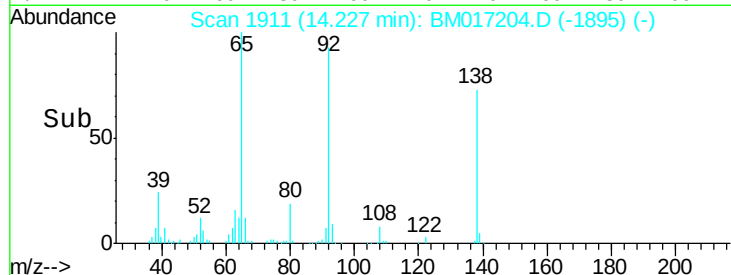
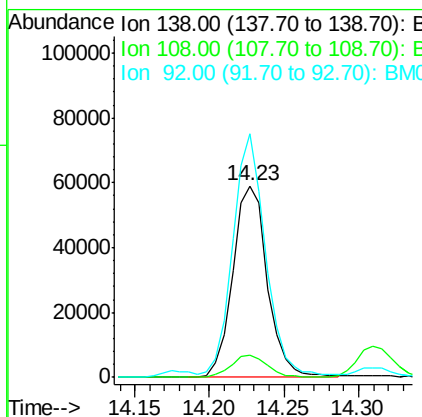
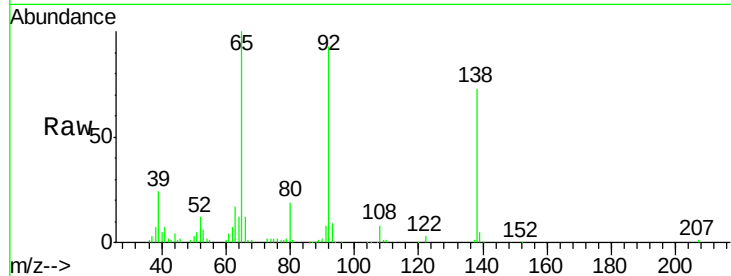
#53
3-Nitroaniline
Concen: 7.439 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.7	13.1
92	127.0	87.9	131.9

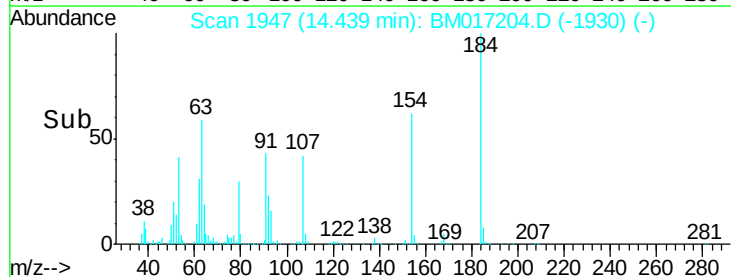
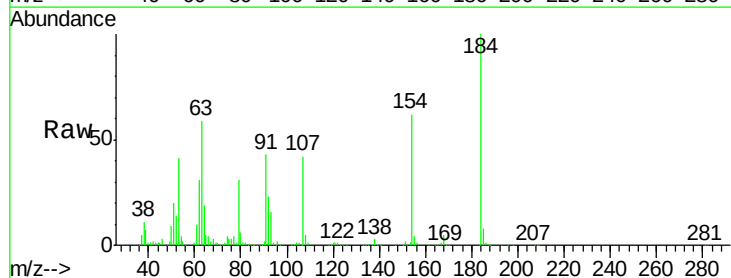
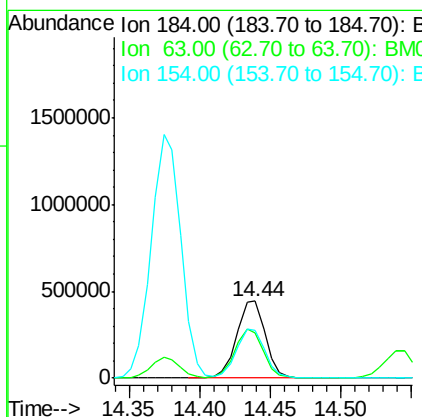
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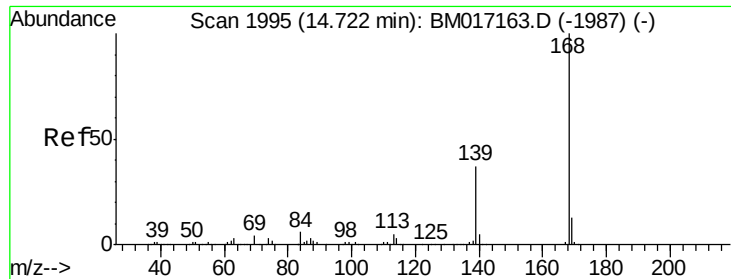
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#54
2,4-Dinitrophenol
Concen: 89.624 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.6	51.2	76.8
154	62.2	47.8	71.8





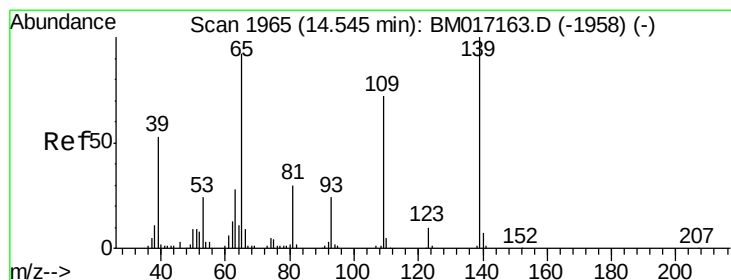
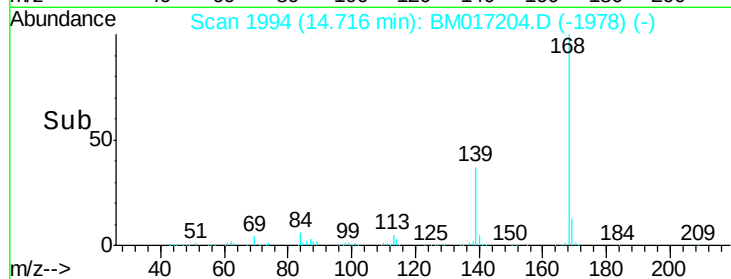
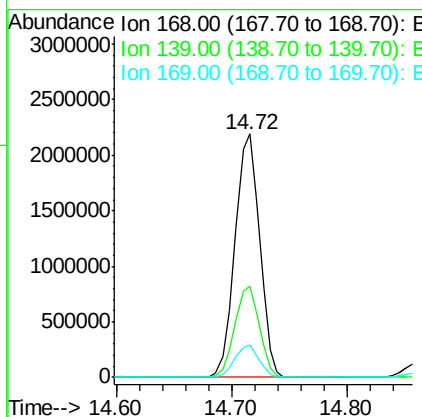
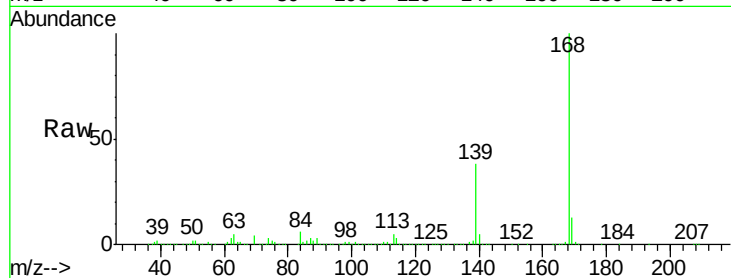
#55
Dibenzofuran
Concen: 46.177 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:168 Resp: 3229768
Ion Ratio Lower Upper
168 100
139 37.6 29.3 43.9
169 13.4 10.6 15.8

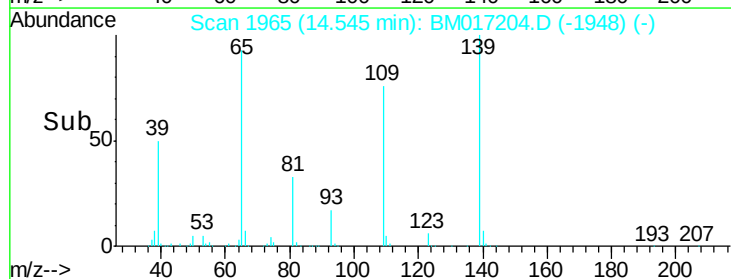
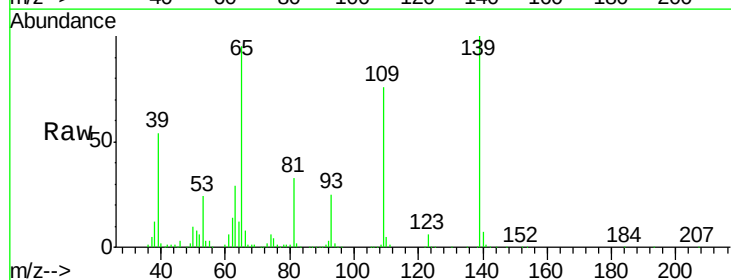
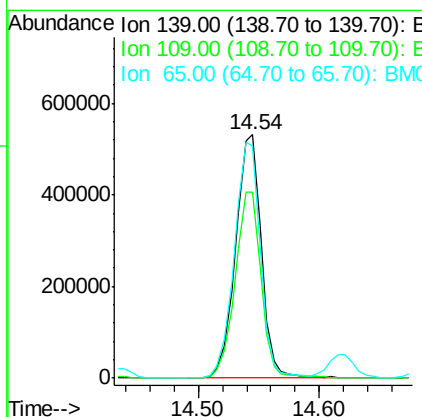
Manual Integrations
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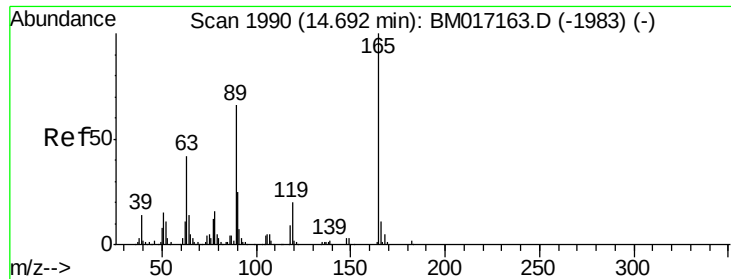
Sohil
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#56
4-Nitrophenol
Concen: 68.365 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion:139 Resp: 791364
Ion Ratio Lower Upper
139 100
109 76.2 51.8 91.8
65 95.3 72.1 112.1





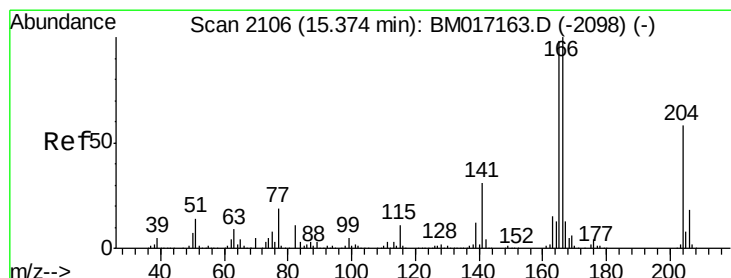
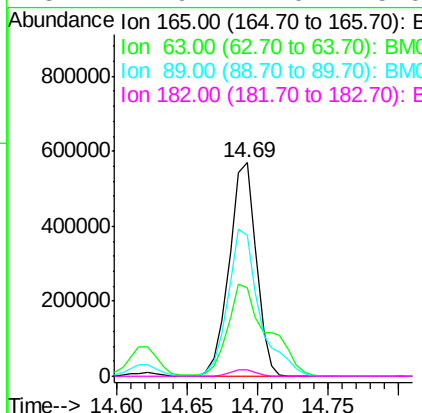
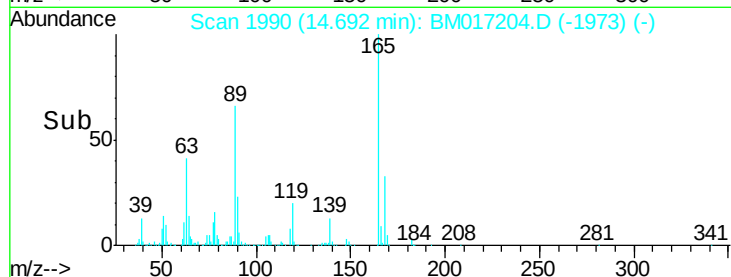
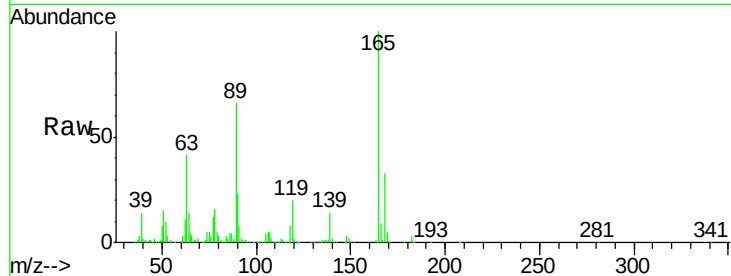
#57
 2,4-Dinitrotoluene
 Concen: 47.643 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	759033		
63	41.3	33.8	50.8	
89	65.6	53.1	79.7	
182	2.9	2.0	3.0	

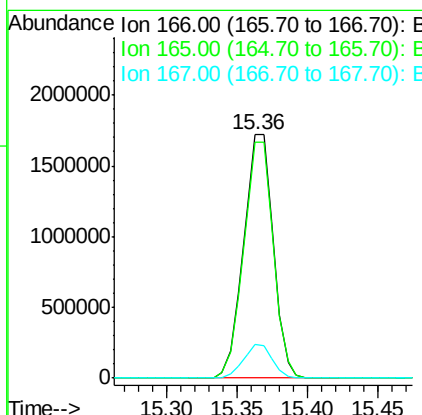
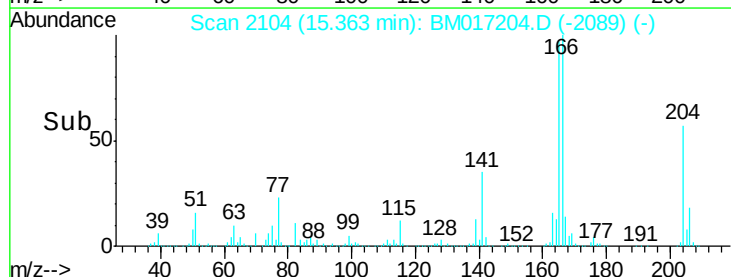
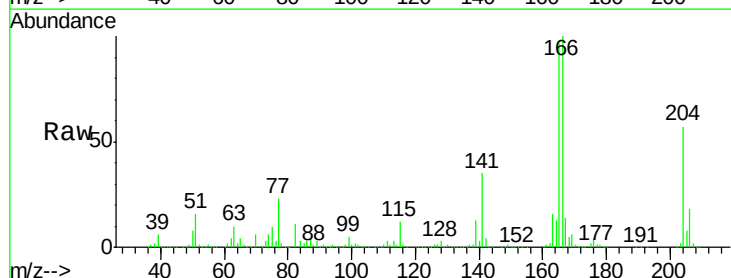
Manual Integrations
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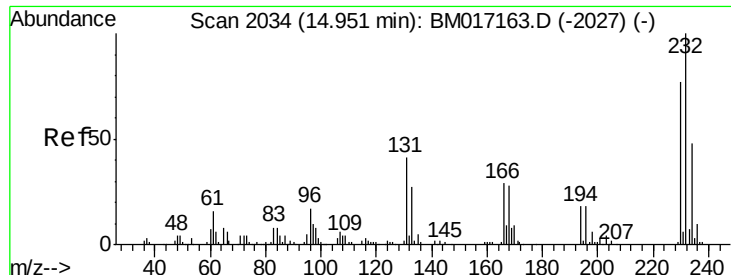
Sohil
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#58
 Fluorene
 Concen: 48.901 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2531623		
165	96.8	78.1	117.1	
167	13.8	10.6	16.0	





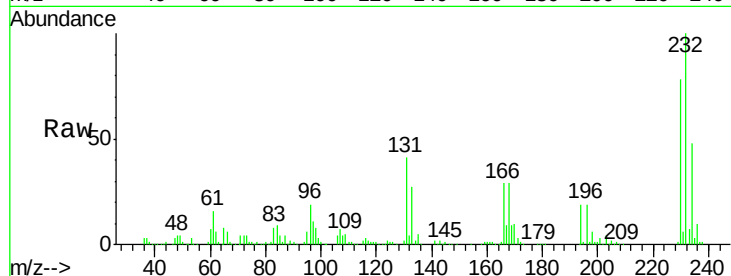
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.401 ng
 RT: 14.94 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

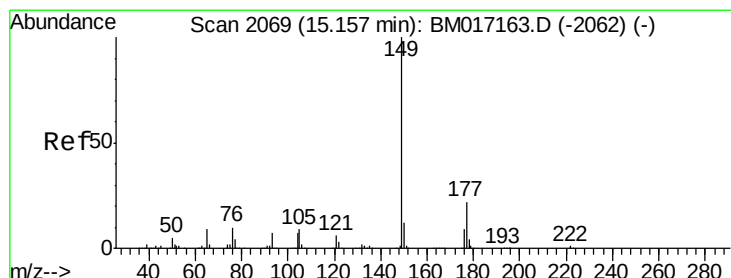
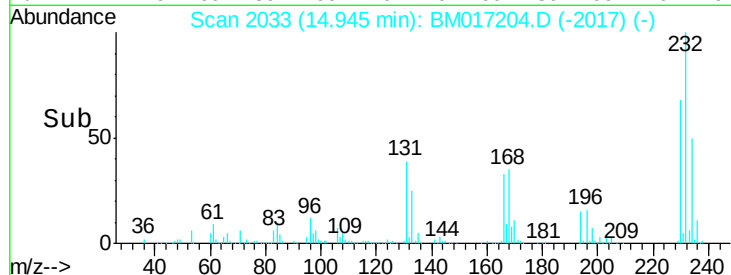
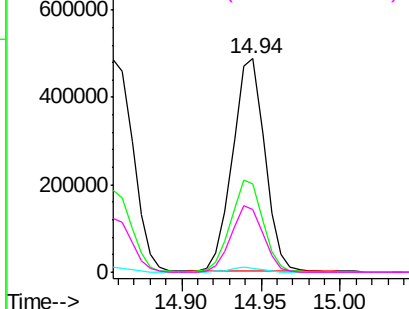
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	689105		
131	43.2	33.1	49.7	
130	2.4	1.7	2.5	
166	31.1	24.4	36.6	

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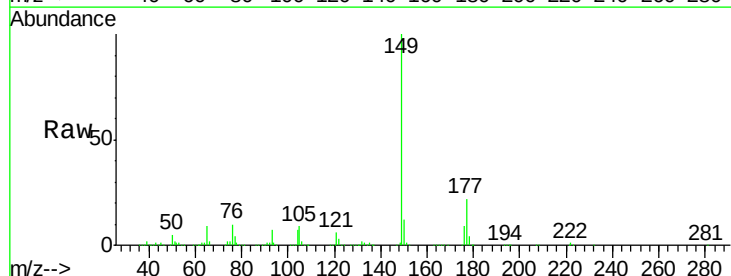


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

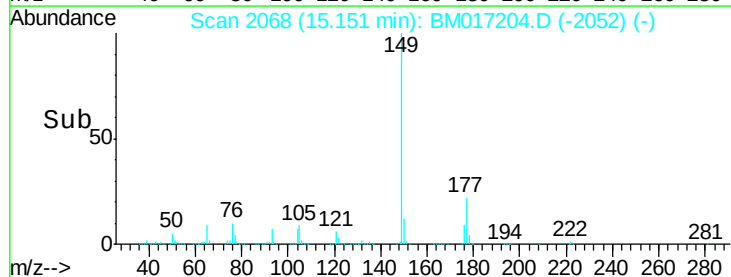
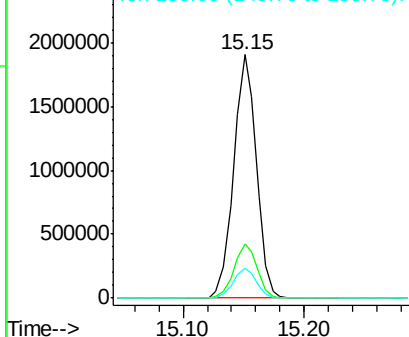


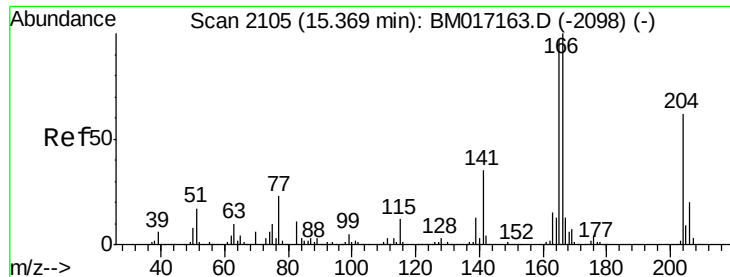
#60
 Diethylphthalate
 Concen: 46.701 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2494266		
177	22.3	17.7	26.5	
150	12.3	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





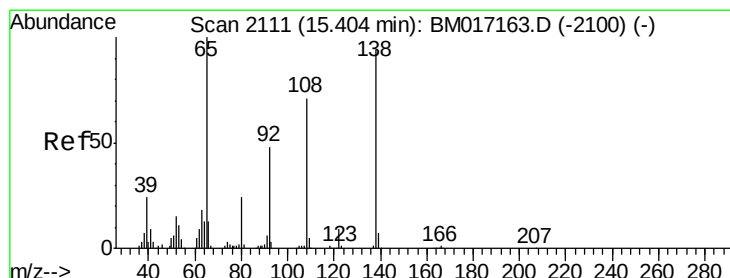
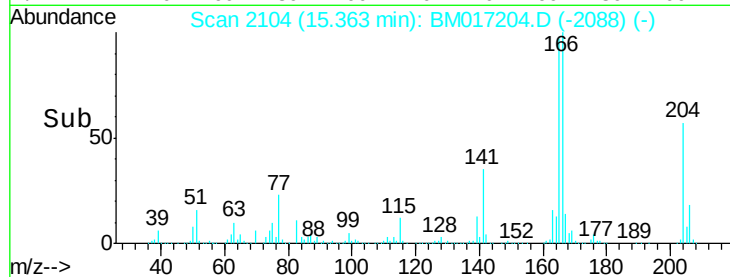
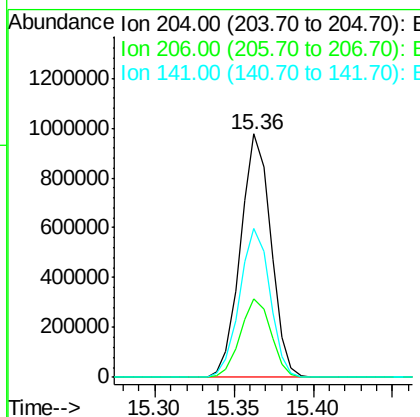
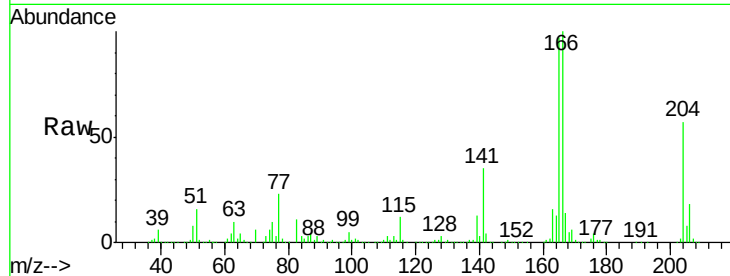
#61
 4-Chlorophenyl-phenylether
 Concen: 44.057 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:204 Resp: 1300287
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.1 39.1
 141 61.4 45.4 68.2

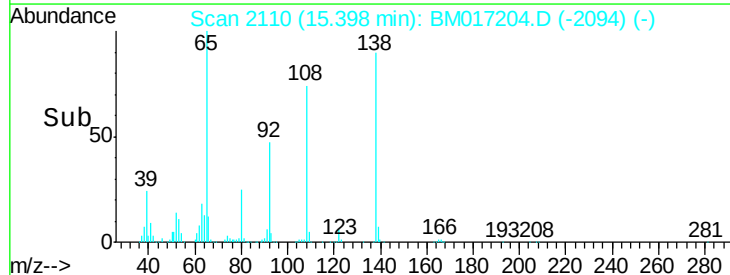
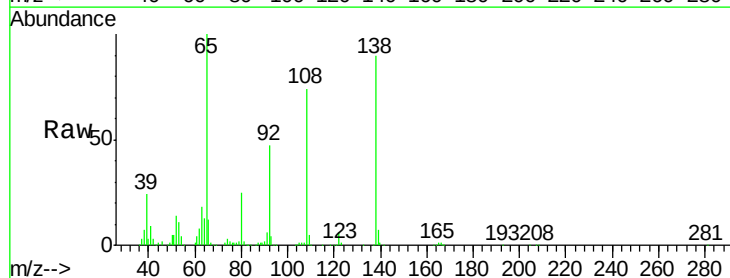
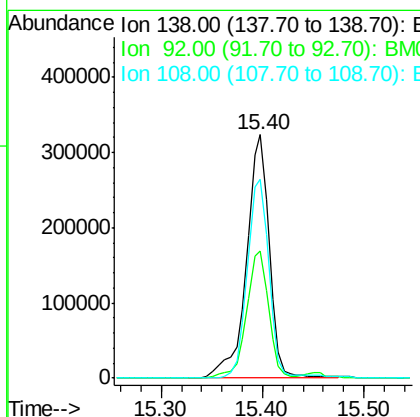
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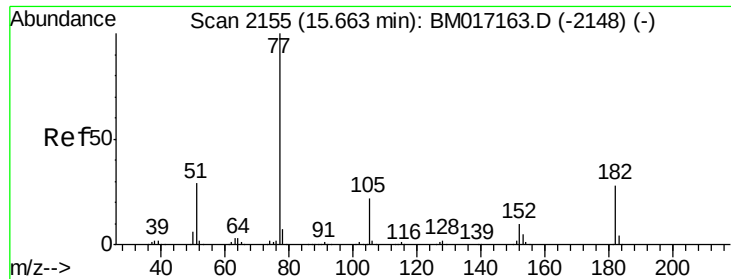
Sohil
 10/19/2018 2:37:41 PM



#62
 4-Nitroaniline
 Concen: 36.644 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion:138 Resp: 507103
 Ion Ratio Lower Upper
 138 100
 92 52.3 31.2 71.2
 108 81.8 55.5 95.5





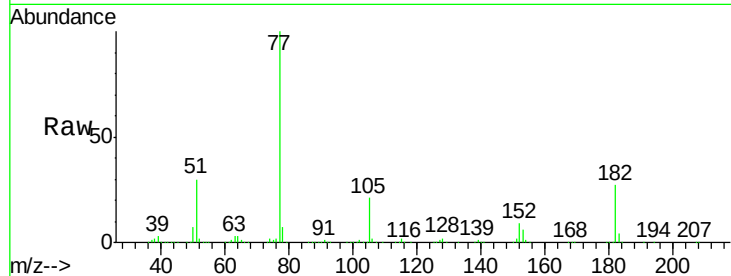
#63
Azobenzene
Concen: 46.668 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

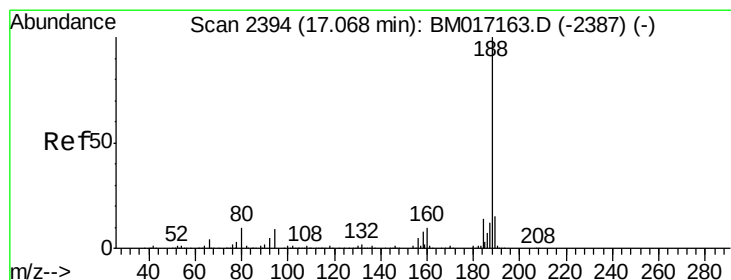
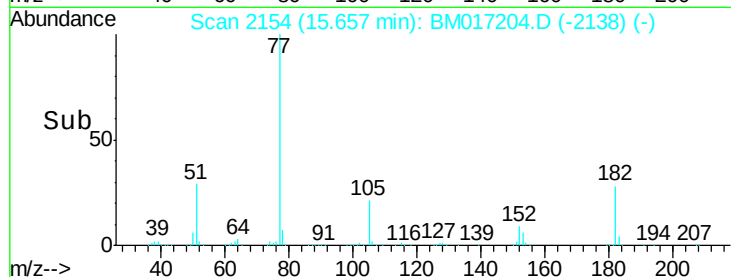
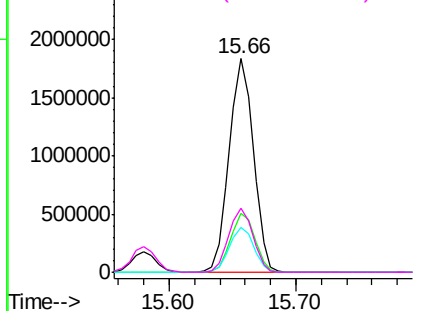
Tgt Ion: 77 Resp: 2422698
Ion Ratio Lower Upper
77 100
182 27.4 8.3 48.3
105 20.9 1.5 41.5
51 30.2 8.8 48.8

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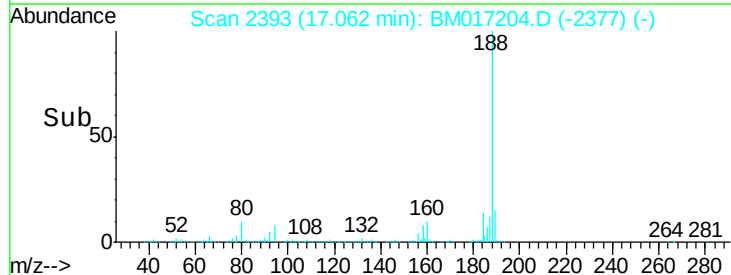
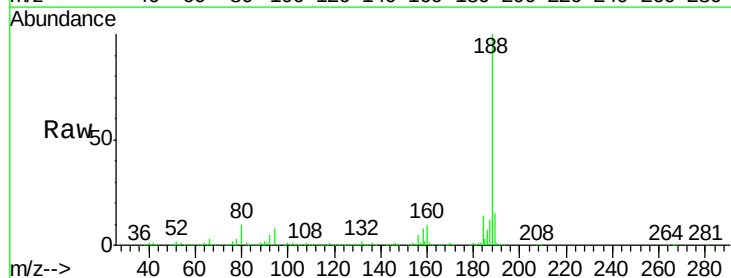
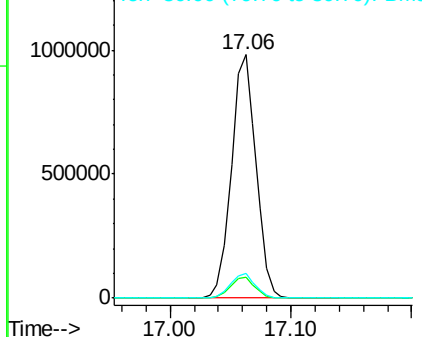
Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

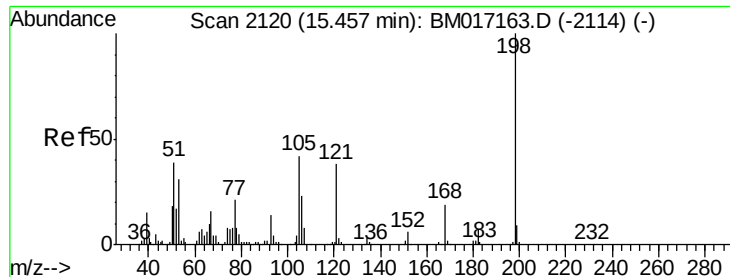


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 188 Resp: 1389265
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 10.1 7.7 11.5

Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)





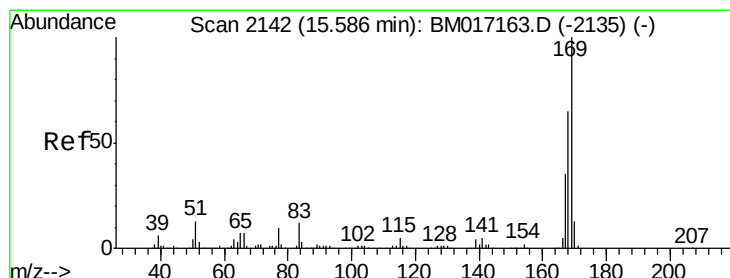
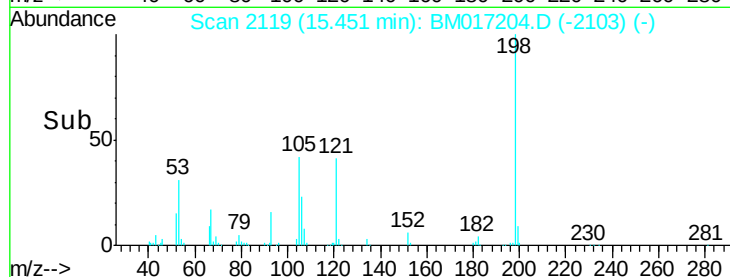
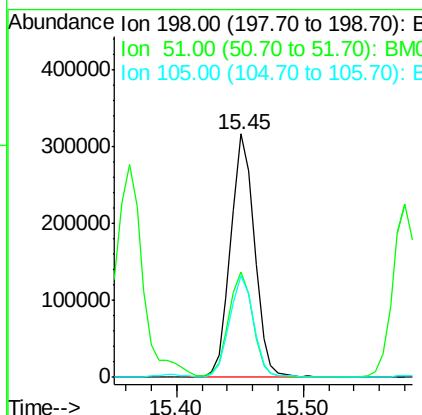
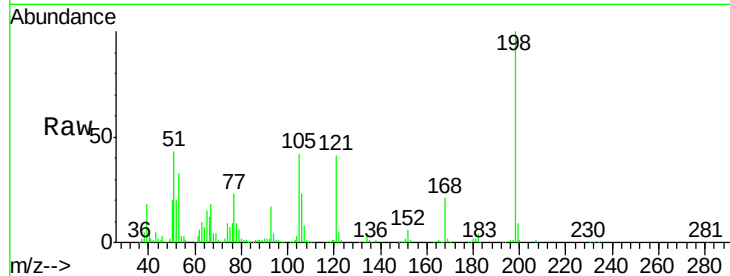
#65
4,6-Dinitro-2-methylphenol
Concen: 46.475 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	412291		
51	43.3	20.3	60.3	
105	41.8	21.9	61.9	

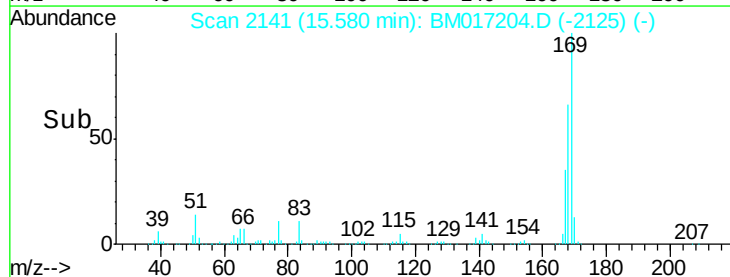
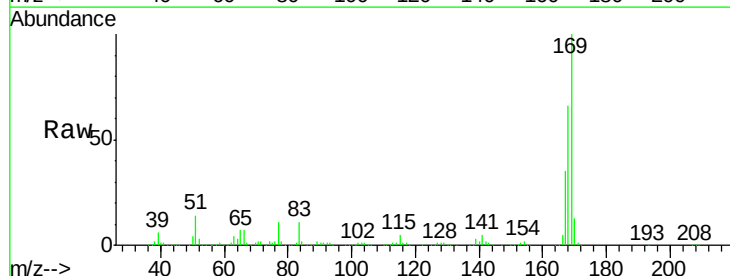
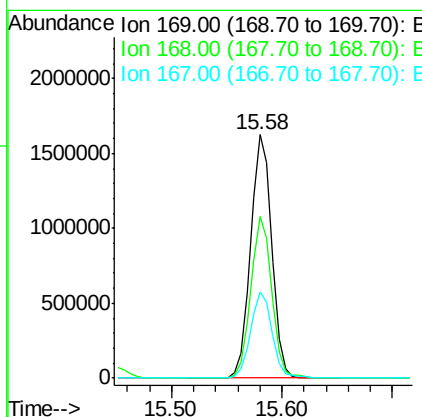
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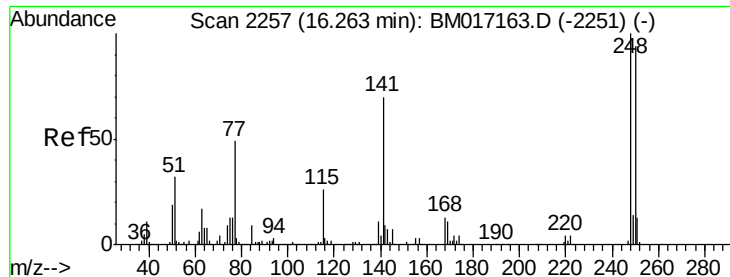
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 51.807 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2177566		
168	66.2	52.2	78.4	
167	35.4	28.4	42.6	





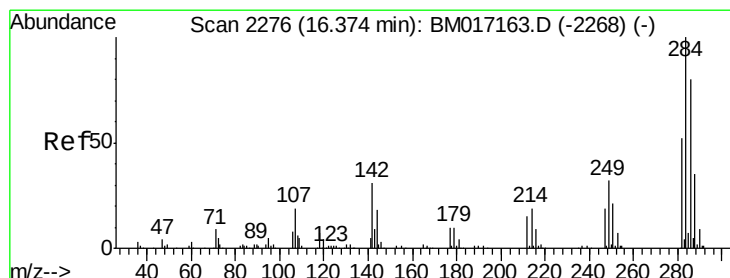
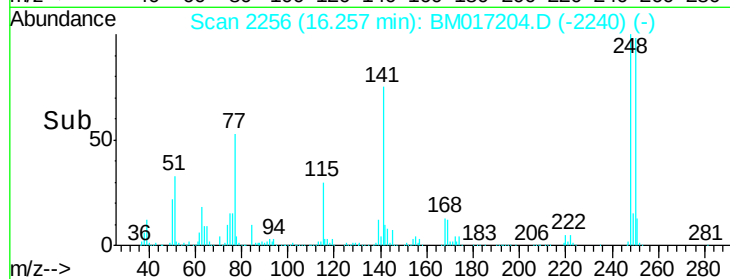
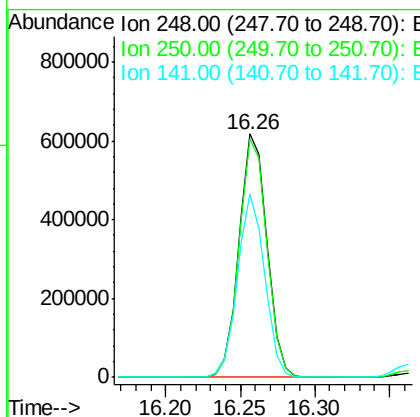
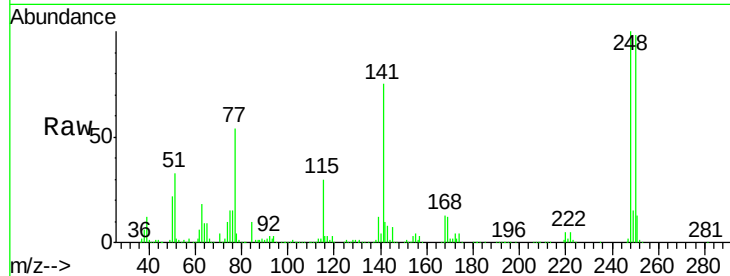
#67
4-Bromophenyl-phenylether
Concen: 52.465 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	75.1	112.7
141	75.1	55.6	83.4

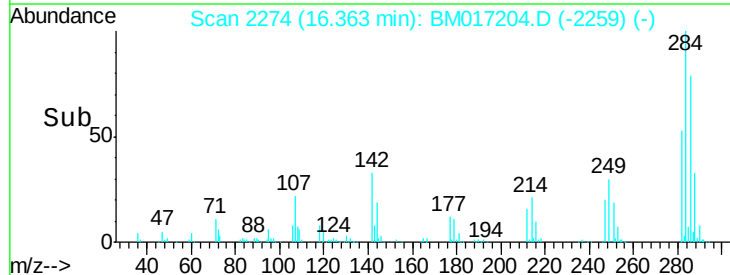
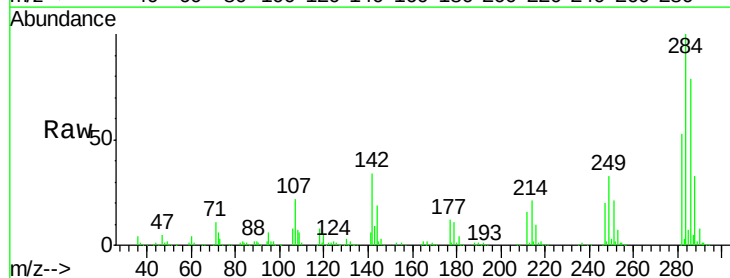
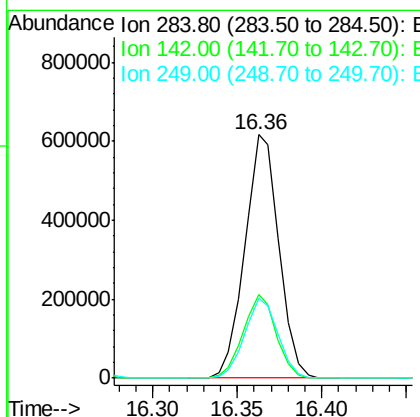
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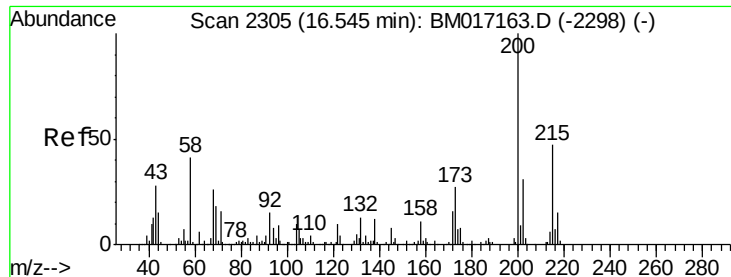
Sohil
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#68
Hexachlorobenzene
Concen: 48.622 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	25.0	37.6
249	32.5	25.5	38.3





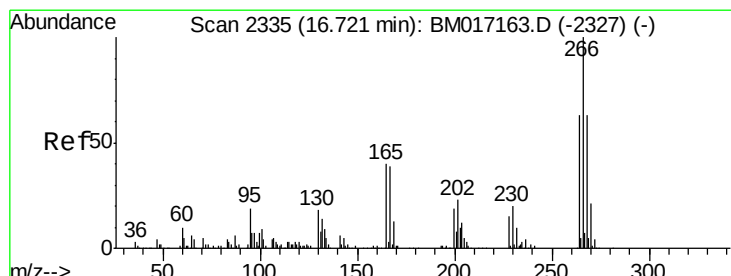
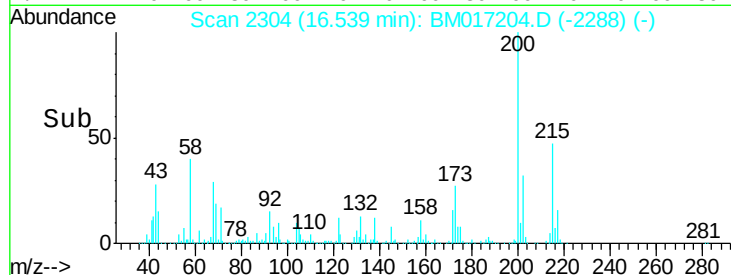
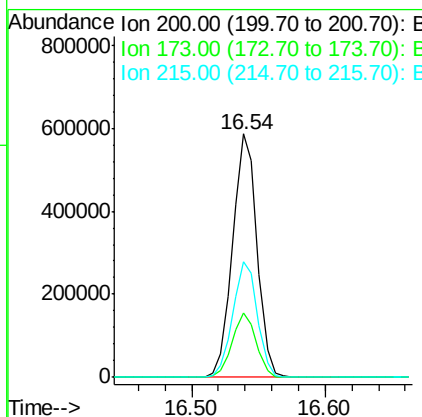
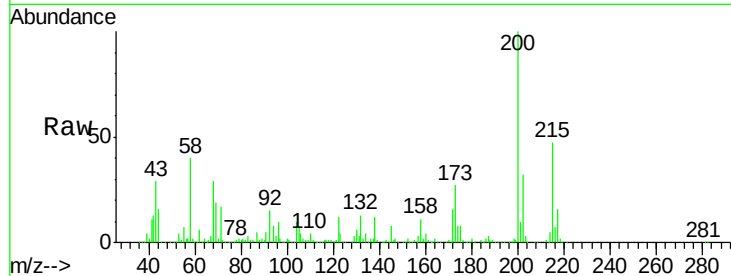
#69
 Atrazine
 Concen: 49.835 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	749693		
173	26.7	7.0	47.0	
215	47.4	27.3	67.3	

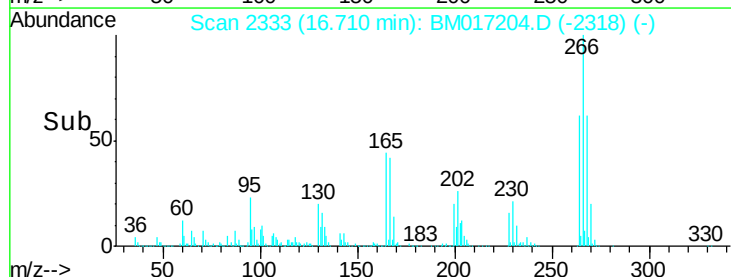
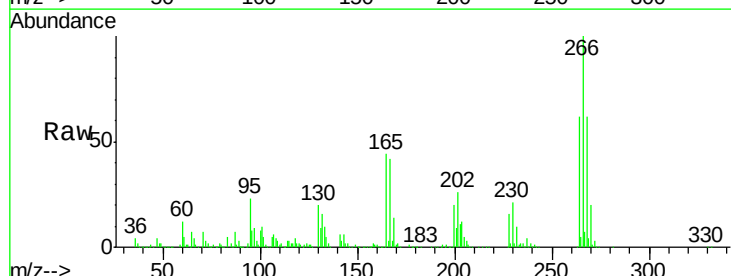
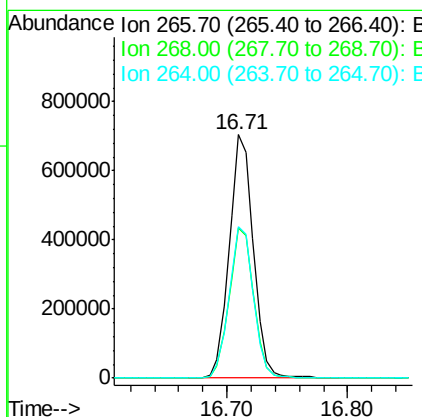
Manual Integrations
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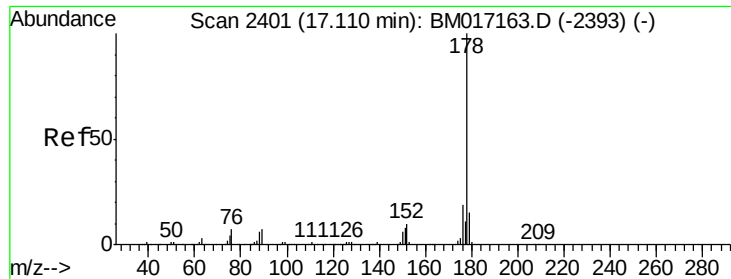
Sohil
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#70
 Pentachlorophenol
 Concen: 80.622 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	978618		
268	61.7	50.7	76.1	
264	62.1	50.4	75.6	





#71

Phenanthrene

Concen: 49.584 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:178 Resp: 3716571

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

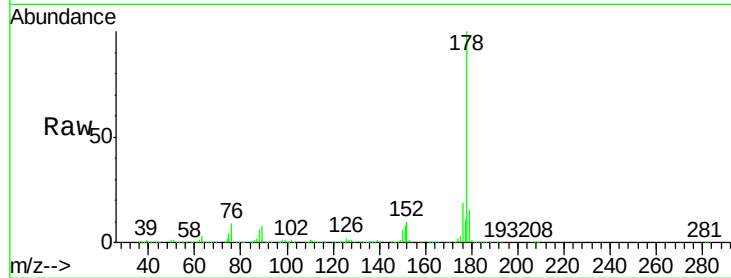
179 15.2 12.3 18.5

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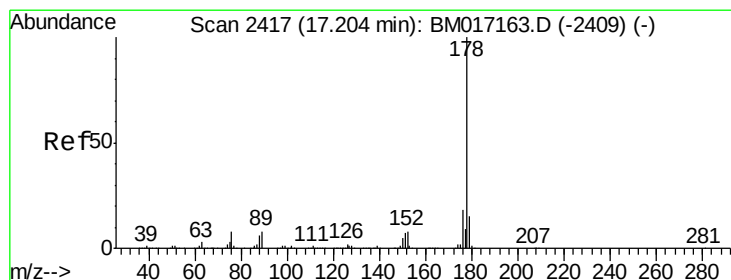
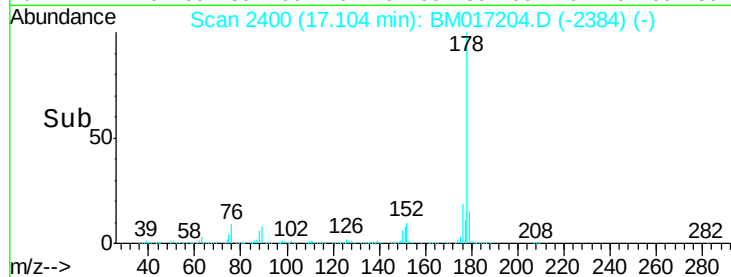
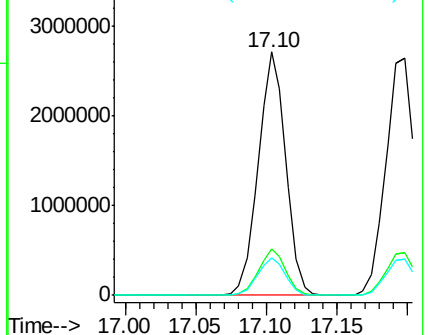
10/19/2018 2:37:41 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.926 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:178 Resp: 3769438

Ion Ratio Lower Upper

178 100

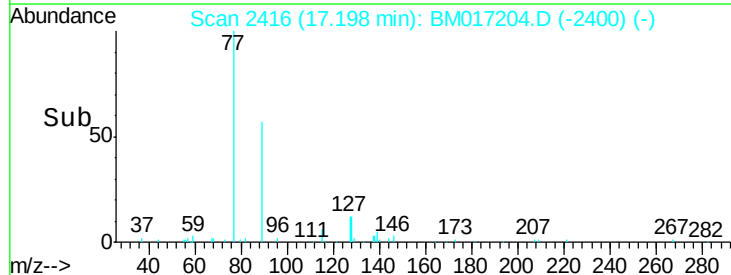
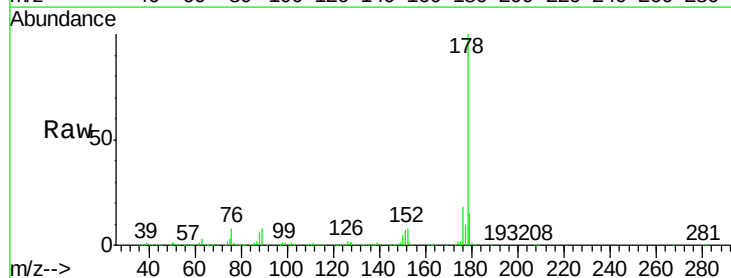
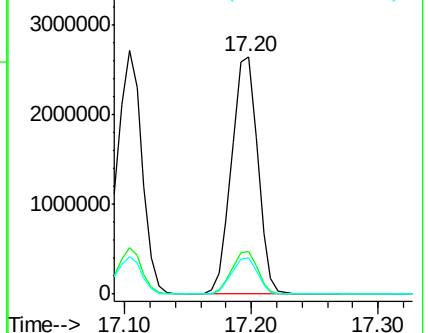
176 18.2 14.5 21.7

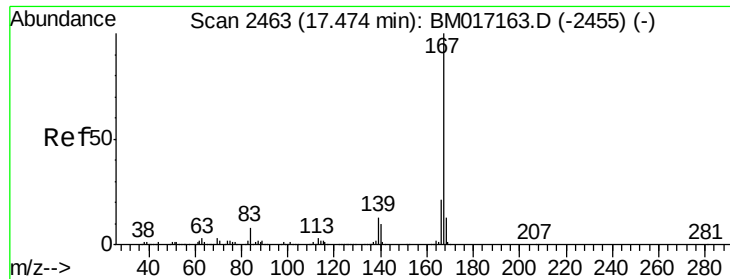
179 15.2 12.2 18.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





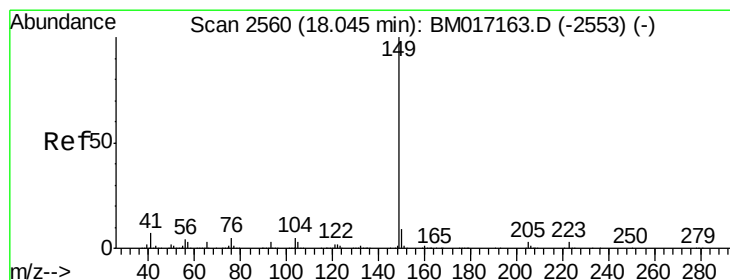
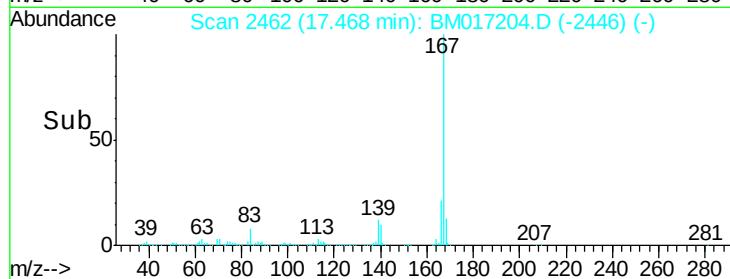
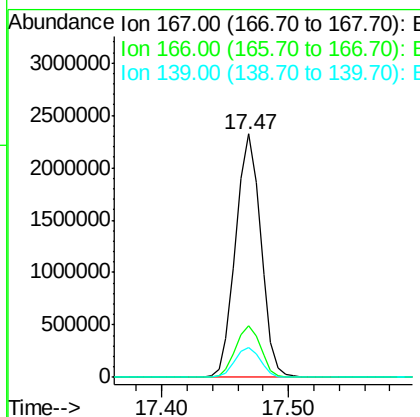
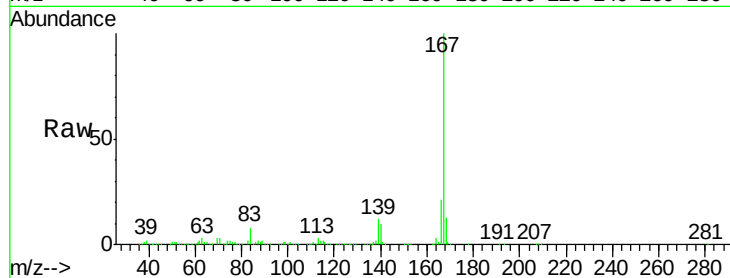
#73
 Carbazole
 Concen: 43.945 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:167 Resp: 3197091
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.3 10.1 15.1

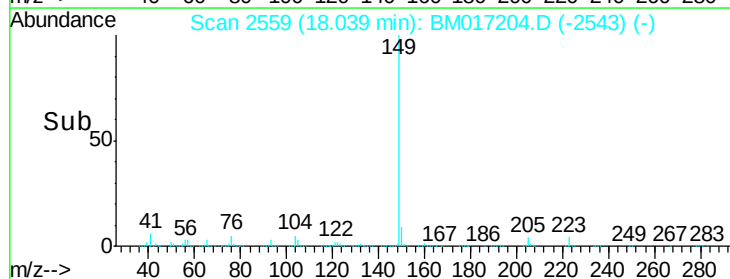
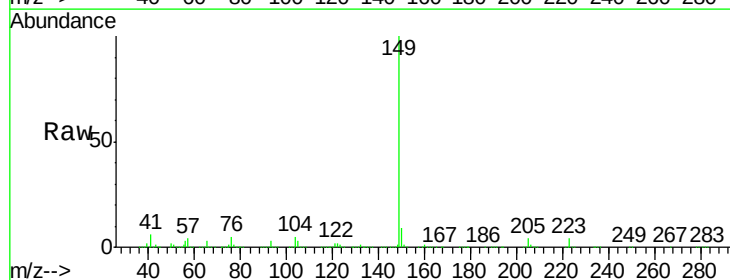
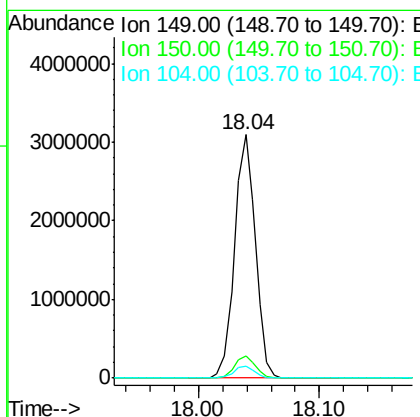
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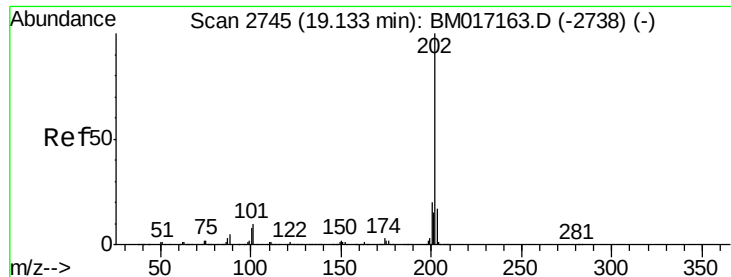
Sohil
 10/19/2018 2:37:41 PM



#74
 Di-n-butylphthalate
 Concen: 48.341 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion:149 Resp: 3709363
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 45.964 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

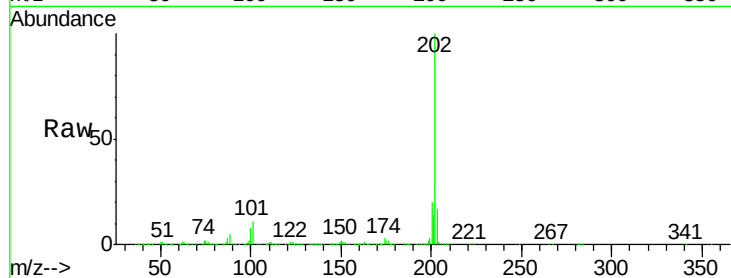
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

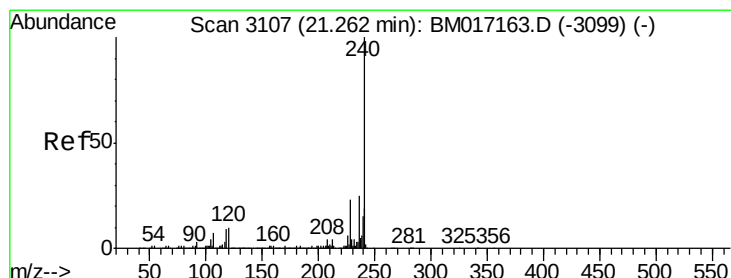
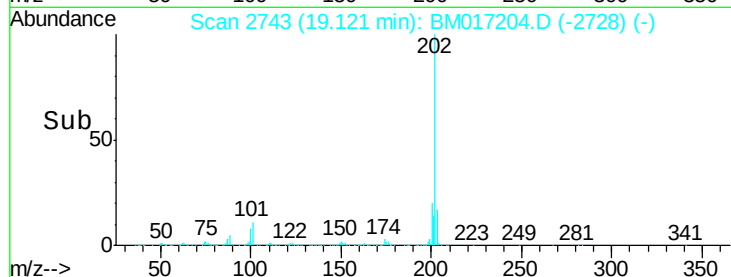
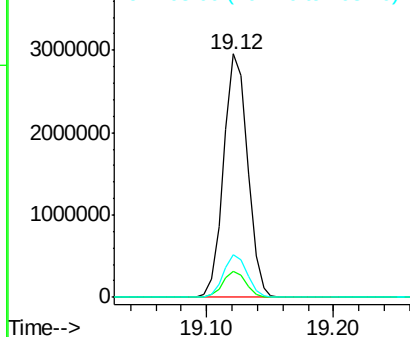
Tgt Ion:	202	Resp:	3876835
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.0
203	17.5	0.0	37.2

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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: 21.25 min Scan# 3105

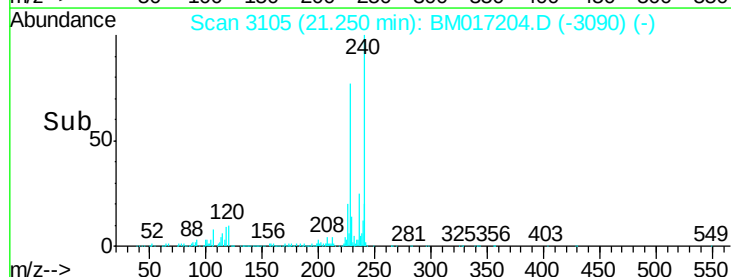
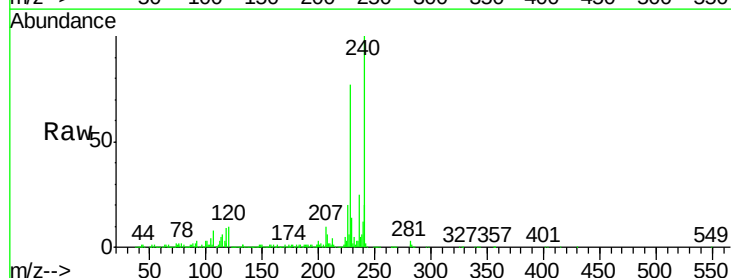
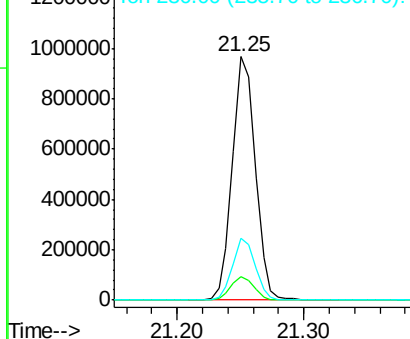
Delta R.T. -0.01 min

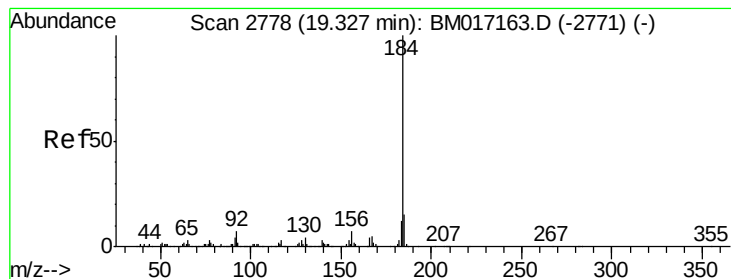
Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	240	Resp:	1209331
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.2	19.9	29.9

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: 23.275 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

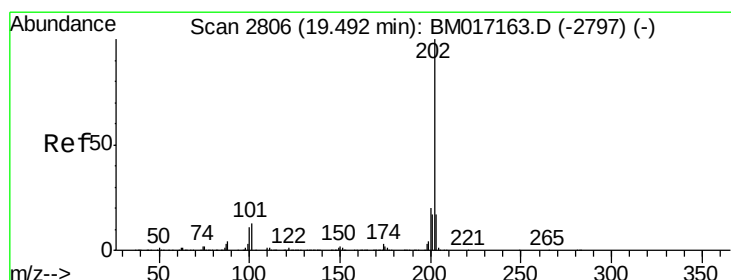
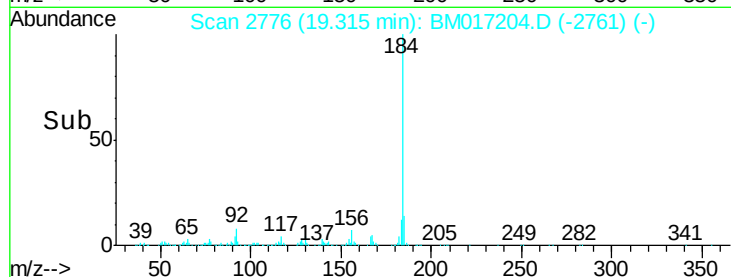
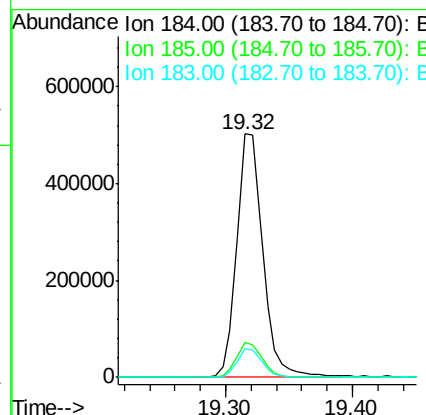
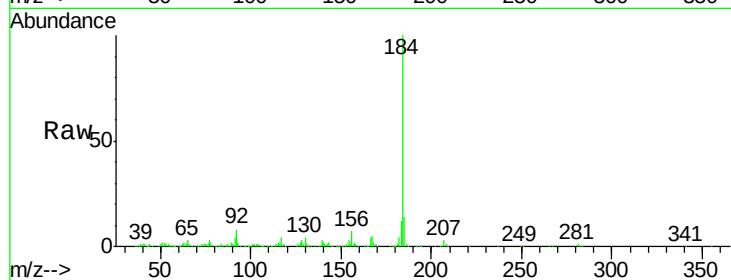
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:	184	Resp:	713723
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.8	17.8
183	12.0	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 57.323 ng

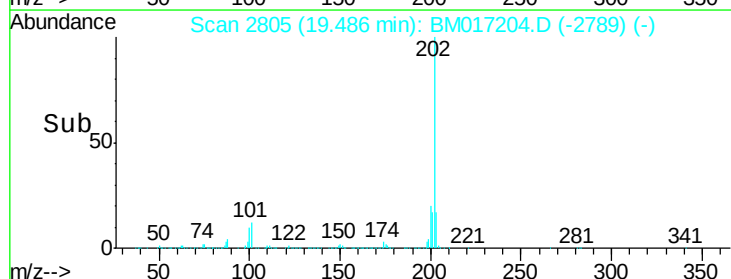
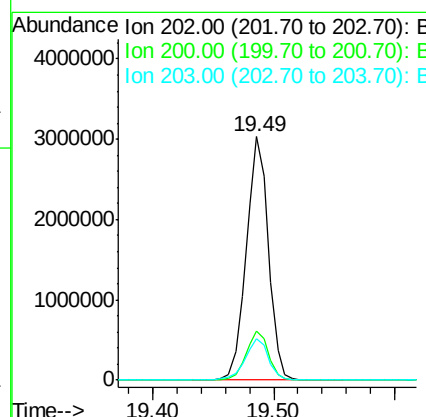
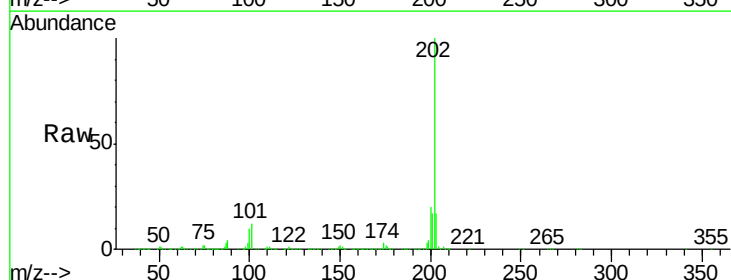
RT: 19.49 min Scan# 2805

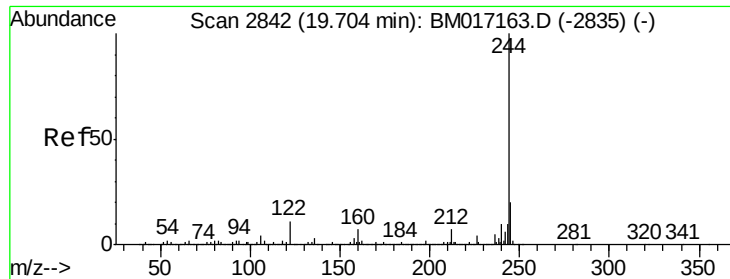
Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	202	Resp:	3874498
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.3	24.5
203	17.2	13.9	20.9





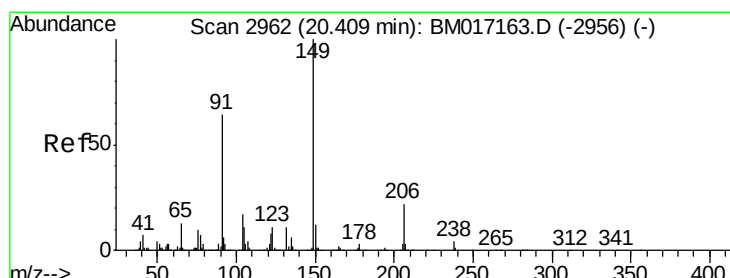
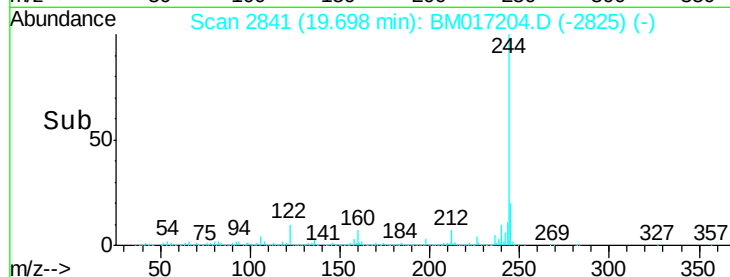
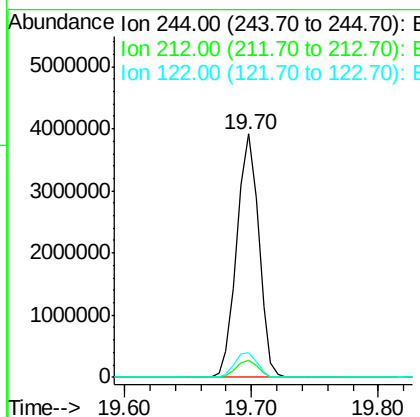
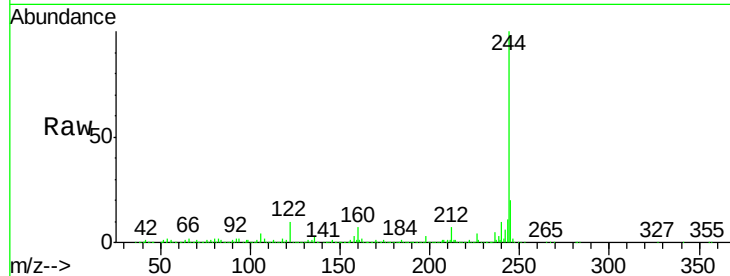
#79
 Terphenyl-d14
 Concen: 87.244 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:244 Resp: 4680891
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.4 8.4 12.6

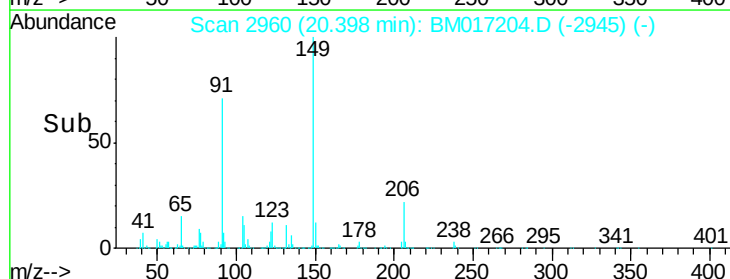
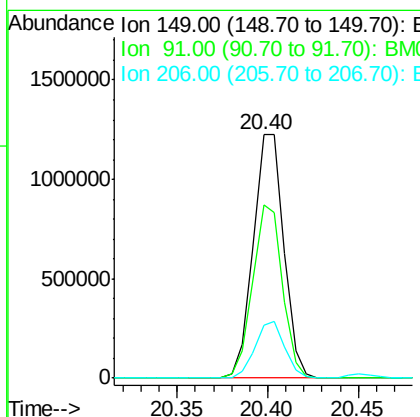
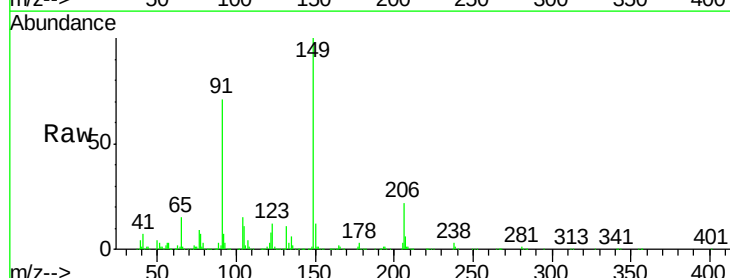
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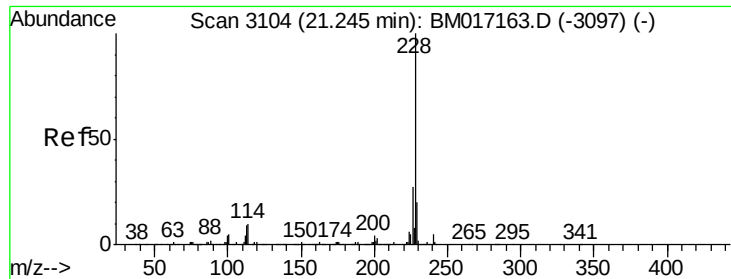
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#80
 Butylbenzylphthalate
 Concen: 54.721 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017204.D
 Acq: 18 Oct 2018 21:57

Tgt Ion:149 Resp: 1437827
 Ion Ratio Lower Upper
 149 100
 91 71.3 51.3 76.9
 206 21.7 18.0 27.0





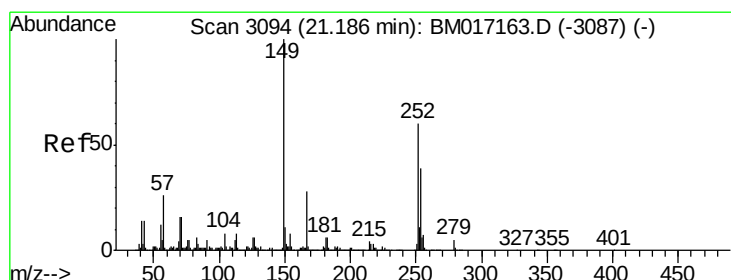
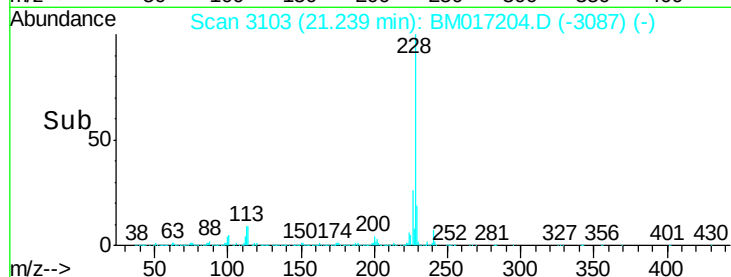
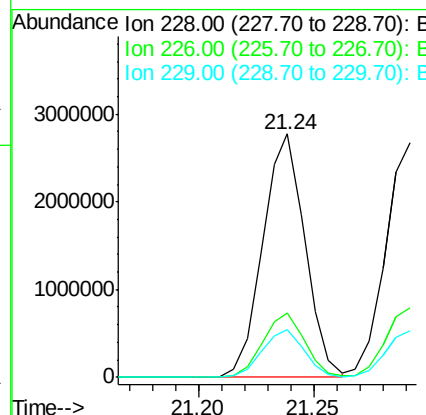
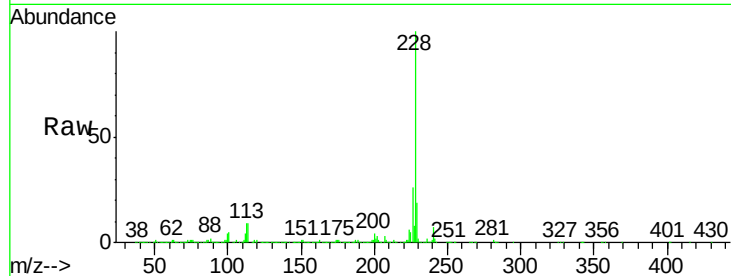
#81
Benzo(a)anthracene
Concen: 51.611 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion: 228 Resp: 3512327
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.5 15.9 23.9

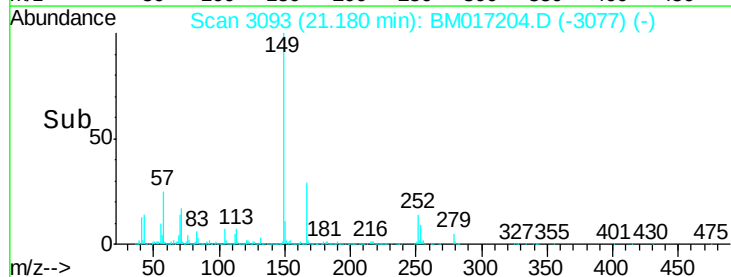
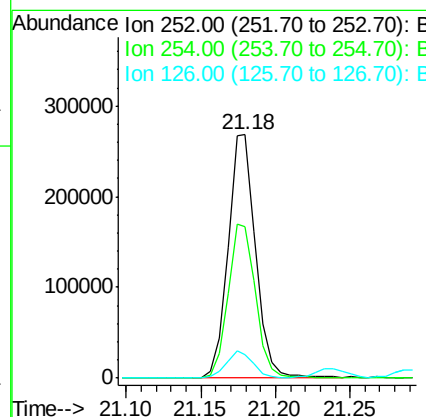
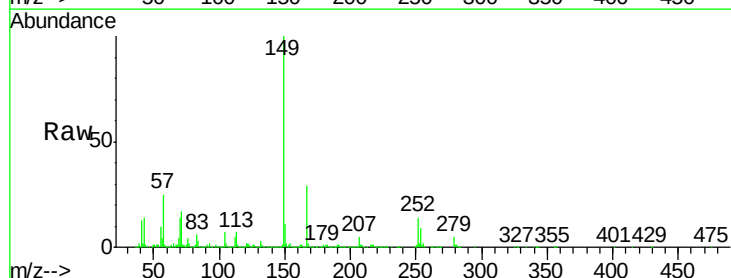
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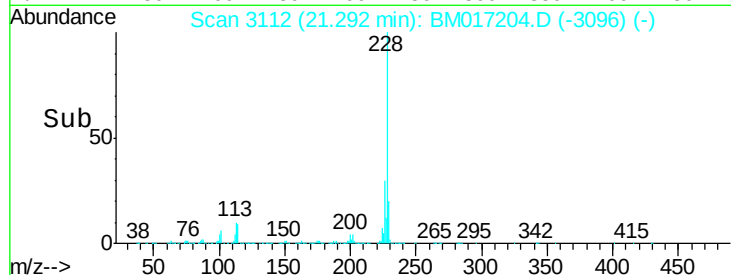
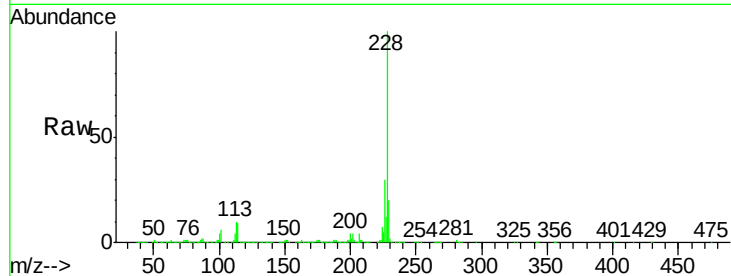
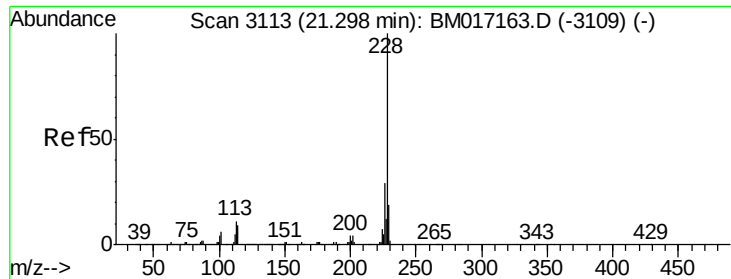
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#82
3,3'-Dichlorobenzidine
Concen: 13.790 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 252 Resp: 349764
Ion Ratio Lower Upper
252 100
254 62.2 52.1 78.1
126 9.6 8.6 12.8





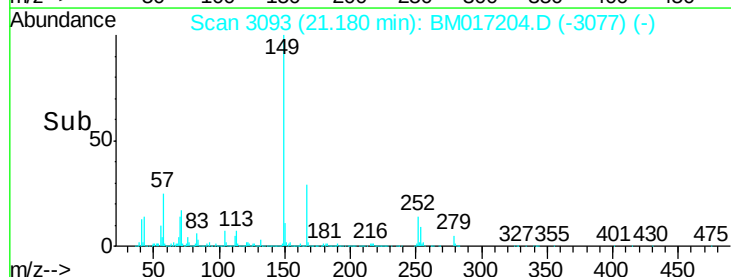
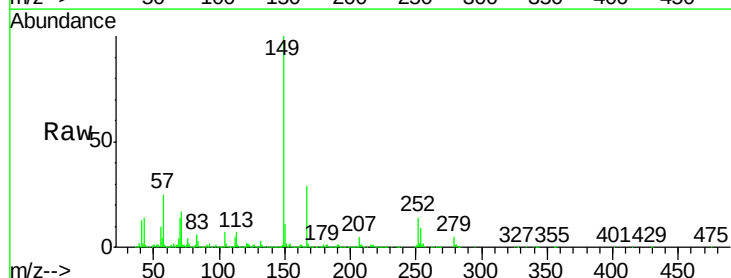
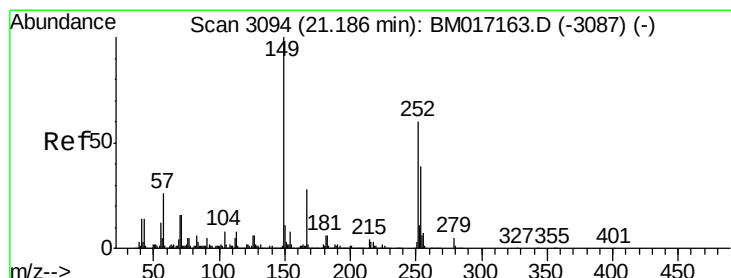
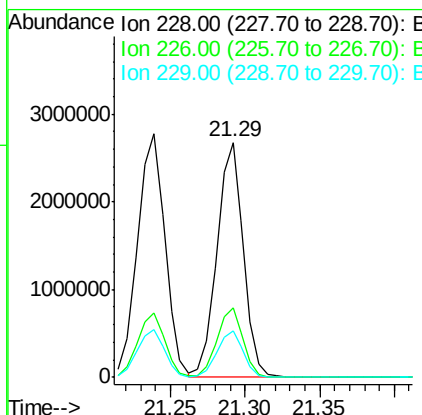
#83
Chrysene
Concen: 49.185 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 228 Resp: 3313108
Ion Ratio Lower Upper
228 100
226 29.7 23.3 34.9
229 19.7 15.6 23.4

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

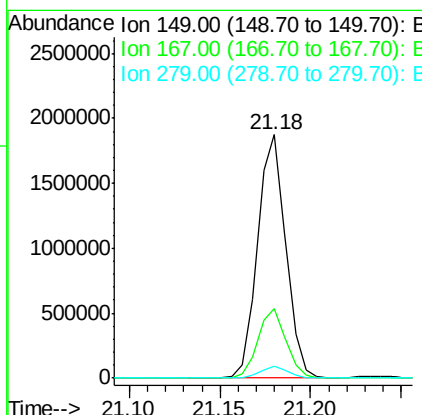
Manual Integrations
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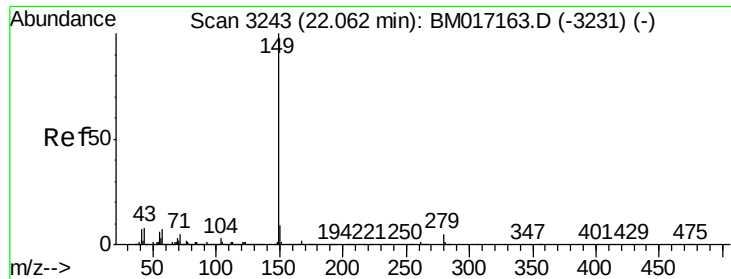
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.925 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 149 Resp: 2018308
Ion Ratio Lower Upper
149 100
167 28.5 22.2 33.4
279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.208 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

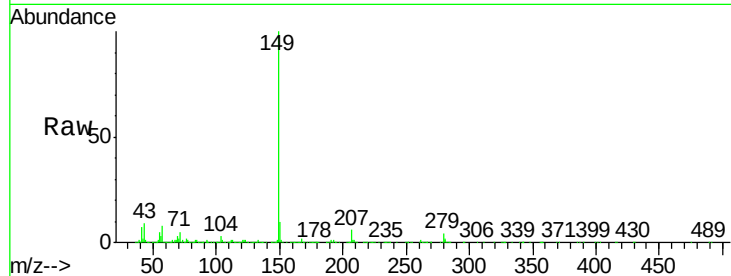
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:	149	Resp:	3366519
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	8.7	7.2	10.8

Manual Integrations
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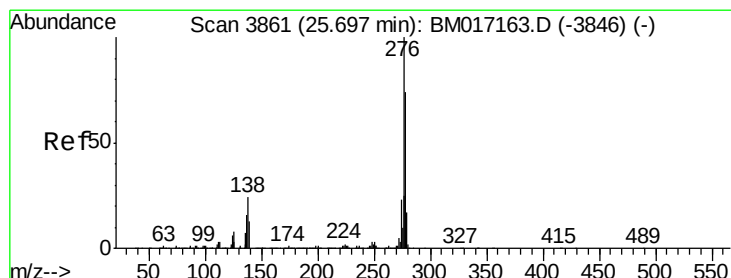
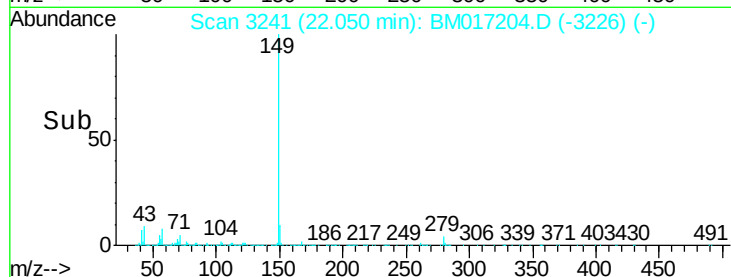
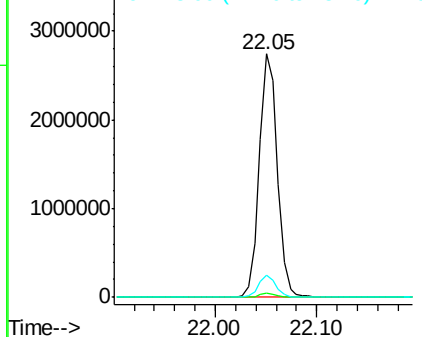
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.338 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017204.D

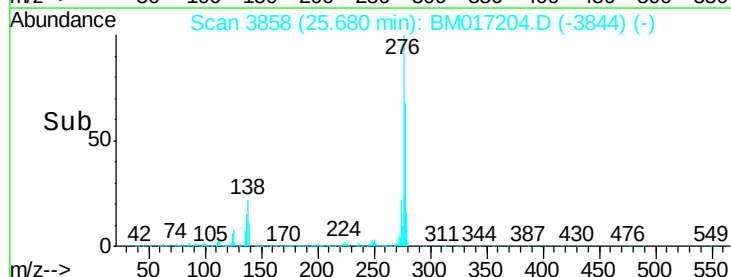
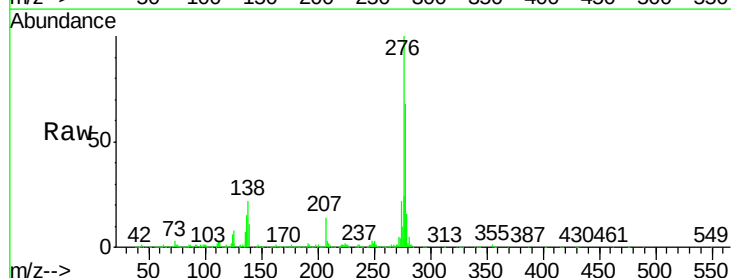
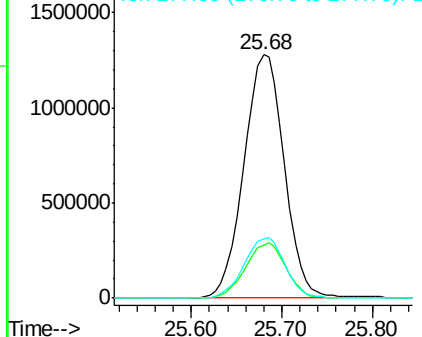
Acq: 18 Oct 2018 21:57

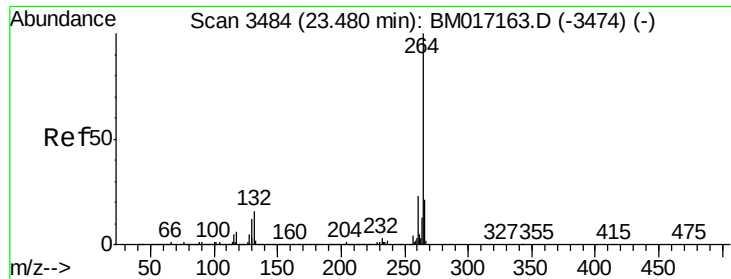
Tgt Ion:	276	Resp:	3943195
Ion Ratio	Lower	Upper	
276	100		
138	23.0	19.5	29.3
277	25.2	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Instrument :

BNA_M

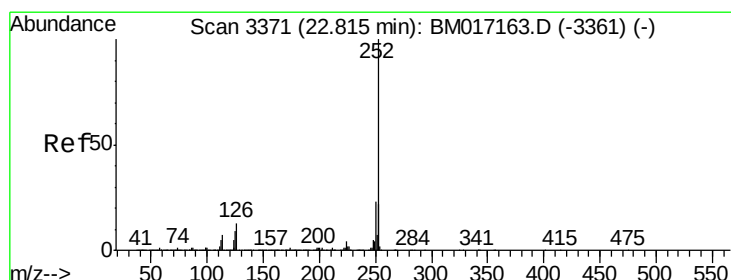
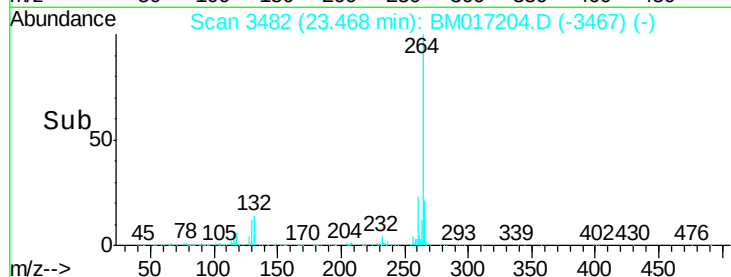
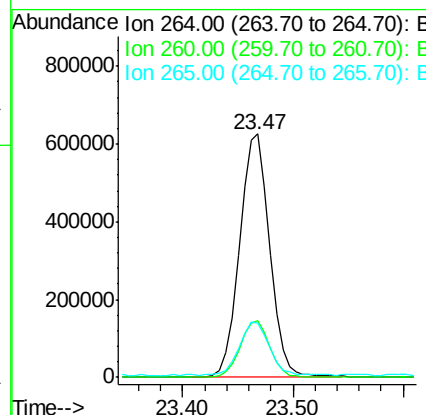
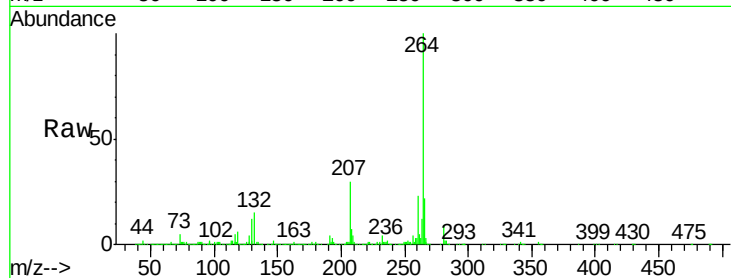
ClientSampleId :

CB-1018-S-TCLP-GRID-45MSD

Tgt Ion:	264	Resp:	1200617
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	27.8
265	22.1	17.8	26.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 52.179 ng

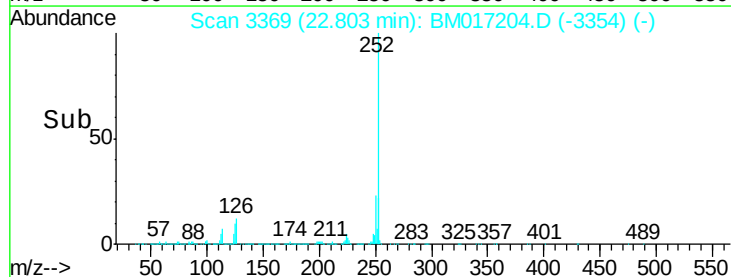
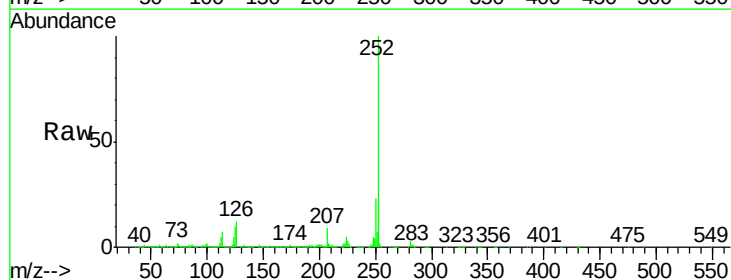
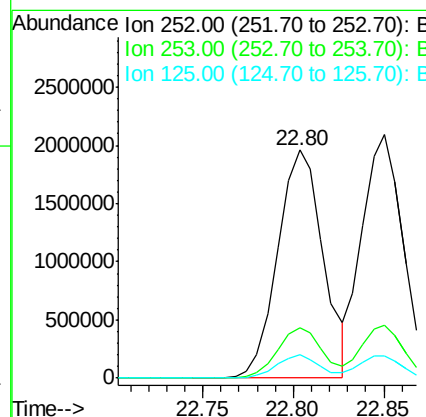
RT: 22.80 min Scan# 3369

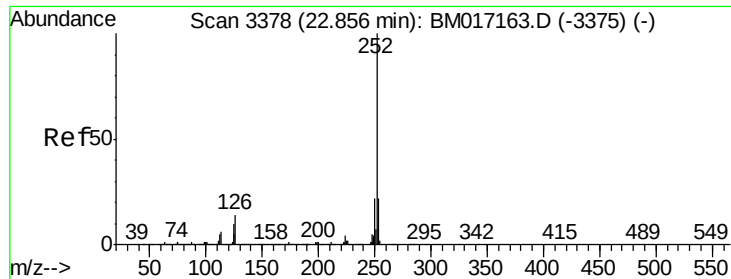
Delta R.T. -0.01 min

Lab File: BM017204.D

Acq: 18 Oct 2018 21:57

Tgt Ion:	252	Resp:	3425165
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	10.1	7.5	11.3





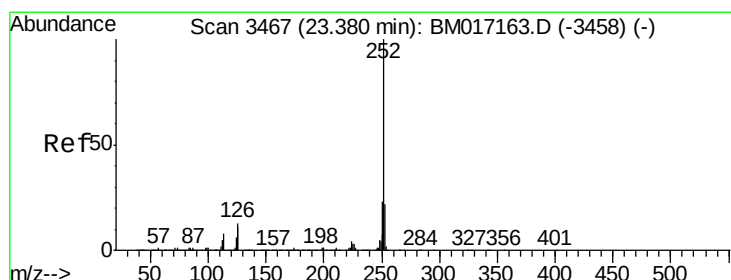
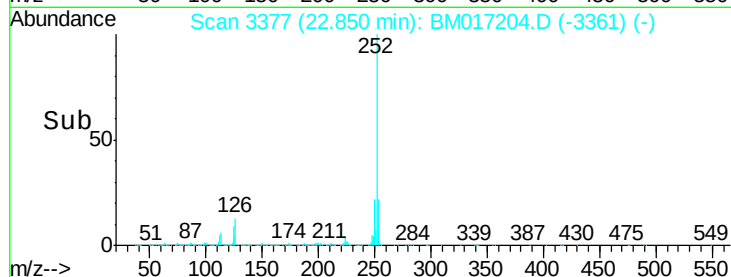
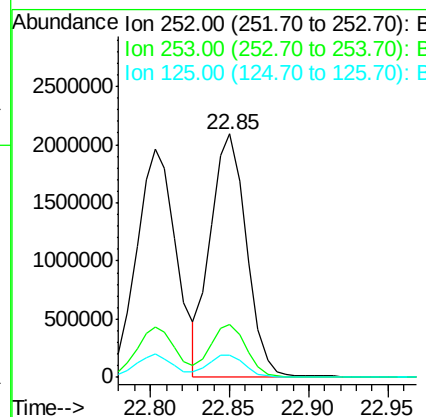
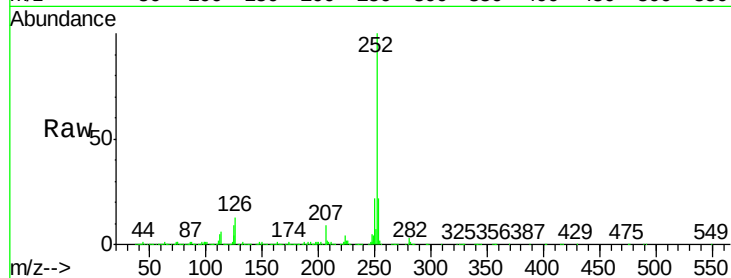
#89
Benzo(k)fluoranthene
Concen: 49.980 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.1	8.2	12.2

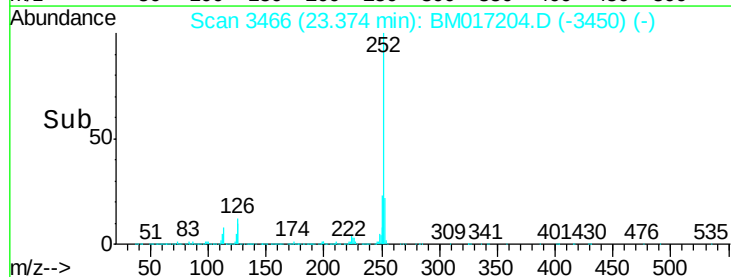
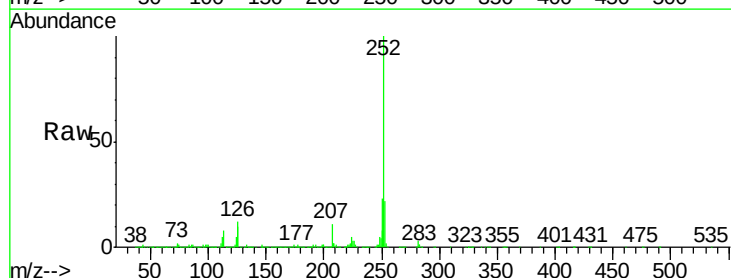
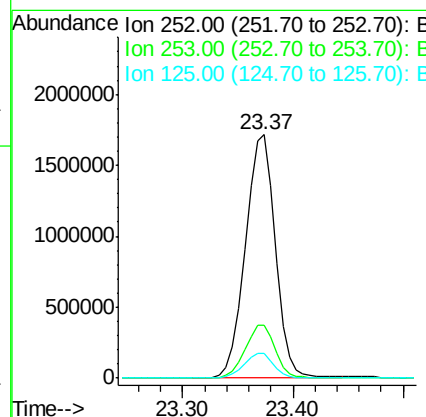
Manual Integrations
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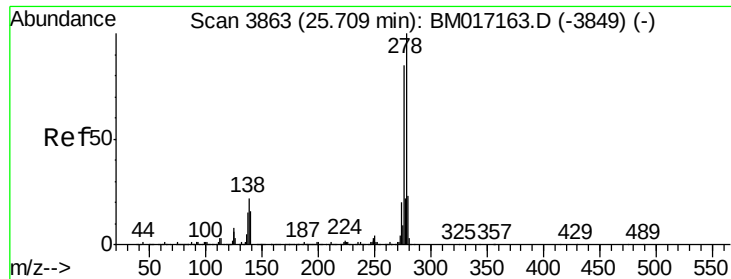
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#90
Benzo(a)pyrene
Concen: 52.561 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.2	8.6	13.0





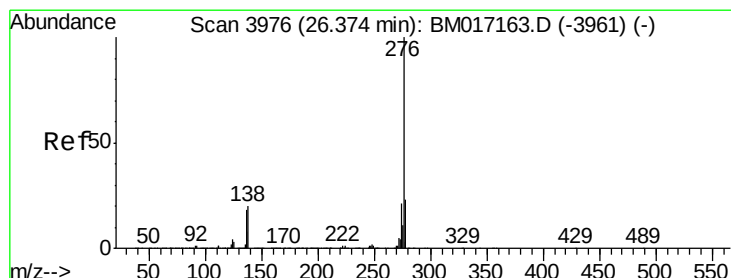
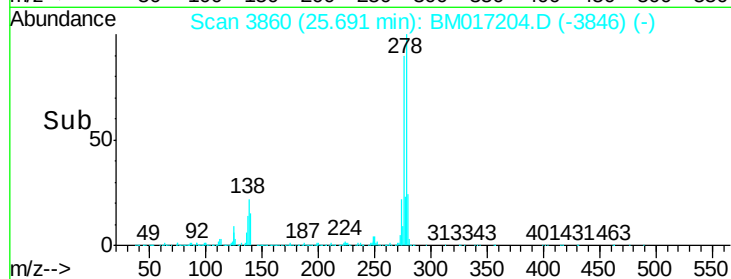
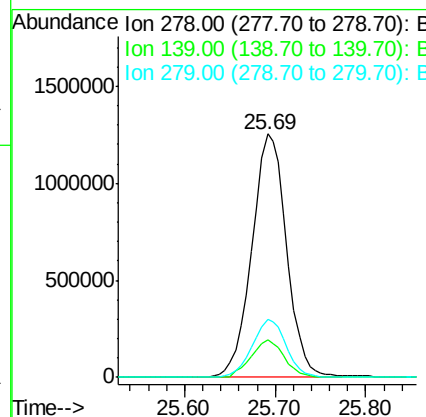
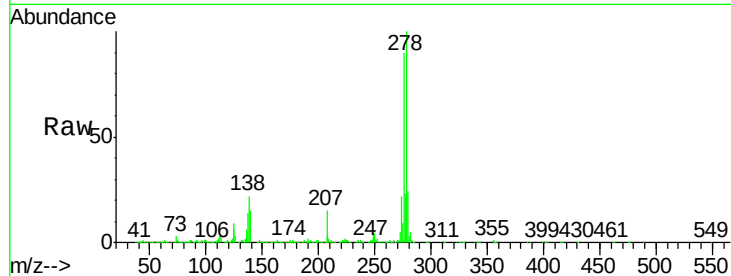
#91
Dibenzo(a,h)anthracene
Concen: 53.800 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45MSD

Tgt Ion: 278 Resp: 3329503
Ion Ratio Lower Upper
278 100
139 15.2 12.7 19.1
279 24.0 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/19/2018 2:37:41 PM



#92
Benzo(g,h,i)perylene
Concen: 54.596 ng
RT: 26.36 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM017204.D
Acq: 18 Oct 2018 21:57

Tgt Ion: 276 Resp: 3348783
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.0 16.4 24.6

