

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
 Data File : BM017614.D
 Acq On : 12 Nov 2018 15:49
 Operator : MJ/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 11/13/2018 2:25:13 PM

Quant Time: Nov 12 16:27:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 16:10:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	244089	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1115476	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	656202	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1461100	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1489718	20.00	ng	0.00
87) Perylene-d12	23.41	264	1235431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1489277	103.19	ng	0.00
7) Phenol-d6	6.81	99	2101877	106.94	ng	0.00
23) Nitrobenzene-d5	8.77	82	2219664	116.38	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	991640	111.74	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	5131305	104.04	ng	0.00
79) Terphenyl-d14	19.66	244	6795929	102.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	296711	40.262	ng	99
3) Pyridine	3.62	79	914619	53.939	ng	99
4) n-Nitrosodimethylamine	3.53	42	408417	59.999	ng	98
6) Aniline	6.96	93	1296337	52.729	ng	99
8) 2-Chlorophenol	7.19	128	898385	53.809	ng	98
9) Benzaldehyde	6.78	77	757231	60.422	ng	98
10) Phenol	6.83	94	1110233	52.484	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	878584	52.101	ng	99
12) 1,3-Dichlorobenzene	7.50	146	985321	50.626	ng	99
13) 1,4-Dichlorobenzene	7.65	146	1018005	51.196	ng	98
14) 1,2-Dichlorobenzene	7.96	146	987826	51.561	ng	98
15) Benzyl Alcohol	7.87	79	864945	60.204	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1290468	54.776	ng	99
17) 2-Methylphenol	8.06	107	750000	55.237	ng	99
18) Hexachloroethane	8.67	117	363995	53.489	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	773767	59.786	ng	98
20) 3+4-Methylphenols	8.39	107	1054459	56.781	ng	99
22) Acetophenone	8.44	105	1428953	50.536	ng	# 98
24) Nitrobenzene	8.82	77	1099963	54.522	ng	99
25) Isophorone	9.34	82	1737434	55.166	ng	100
26) 2-Nitrophenol	9.52	139	543800	62.529	ng	99
27) 2,4-Dimethylphenol	9.58	122	745967	53.566	ng	97
28) bis(2-Chloroethoxy)methane	9.82	93	1156963	52.193	ng	97
29) 2,4-Dichlorophenol	10.05	162	894912	55.346	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	991375	51.110	ng	98
31) Naphthalene	10.44	128	2753026	50.362	ng	100
32) Benzoic acid	9.77	122	689243m	66.331	ng	
33) 4-Chloroaniline	10.56	127	1256944	53.240	ng	99
34) Hexachlorobutadiene	10.72	225	616748	50.182	ng	99
35) Caprolactam	11.38	113	316419m	53.697	ng	
36) 4-Chloro-3-methylphenol	11.69	107	1005809	55.185	ng	99
37) 2-Methylnaphthalene	12.06	142	1973335	52.753	ng	98
38) 1-Methylnaphthalene	12.28	142	1925827	52.896	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1187560	51.389	ng	100

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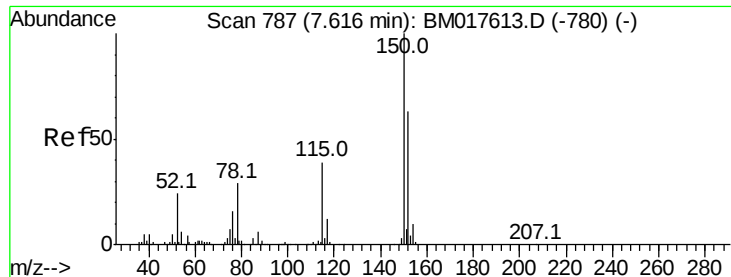
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	641845	57.452	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	765195	57.040	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	796990	55.403	ng	99
46) 1,1'-Biphenyl	13.09	154	2987031	50.584	ng	99
47) 2-Chloronaphthalene	13.13	162	2223725	51.188	ng	99
48) 2-Nitroaniline	13.35	65	719016	64.037	ng	99
49) Acenaphthylene	13.98	152	3370811	53.531	ng	100
50) Dimethylphthalate	13.74	163	2695066	53.234	ng	99
51) 2,6-Dinitrotoluene	13.86	165	619181	55.569	ng	98
52) Acenaphthene	14.33	154	2036736	51.515	ng	99
53) 3-Nitroaniline	14.19	138	663479	54.978	ng	98
54) 2,4-Dinitrophenol	14.40	184	325450	61.055	ng	99
55) Dibenzofuran	14.67	168	3318567	50.474	ng	98
56) 4-Nitrophenol	14.50	139	516110	52.682	ng	97
57) 2,4-Dinitrotoluene	14.65	165	854005	57.024	ng	99
58) Fluorene	15.32	166	2553666	52.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	732549	55.866	ng	99
60) Diethylphthalate	15.11	149	2817400	56.116	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1438387	51.845	ng	99
62) 4-Nitroaniline	15.36	138	633942	50.679	ng	98
63) Azobenzene	15.61	77	2726511	55.871	ng	99
65) 4,6-Dinitro-2-methylphenol	15.42	198	531790	62.855	ng	100
66) n-Nitrosodiphenylamine	15.54	169	2429281	54.955	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	893464	55.692	ng	100
68) Hexachlorobenzene	16.32	284	989743	53.110	ng	95
69) Atrazine	16.50	200	901466	56.978	ng	96
70) Pentachlorophenol	16.67	266	713941	55.926	ng	99
71) Phenanthrene	17.06	178	4002159	50.769	ng	100
72) Anthracene	17.15	178	3972505	53.035	ng	100
73) Carbazole	17.43	167	4035637	52.744	ng	100
74) Di-n-butylphthalate	17.99	149	4607807	57.097	ng	100
75) Fluoranthene	19.08	202	4553241	51.330	ng	100
77) Benzidine	19.28	184	2504115	66.292	ng	100
78) Pyrene	19.44	202	4765673	57.238	ng	100
80) Butylbenzylphthalate	20.36	149	2063473	72.074	ng	98
81) Benzo(a)anthracene	21.20	228	4331678	51.671	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	1777970	56.905	ng	99
83) Chrysene	21.26	228	4221432	50.875	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2926836	65.332	ng	100
85) Di-n-octyl phthalate	22.01	149	4651278	61.329	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	3401158	36.647	ng	100
88) Benzo(b)fluoranthene	22.76	252	3699945	54.777	ng	100
89) Benzo(k)fluoranthene	22.80	252	3837911	56.626	ng	99
90) Benzo(a)pyrene	23.31	252	3447546	53.757	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	2884888	45.302	ng	99
92) Benzo(g,h,i)perylene	26.27	276	2725122	43.177	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.00 min

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BNA_M

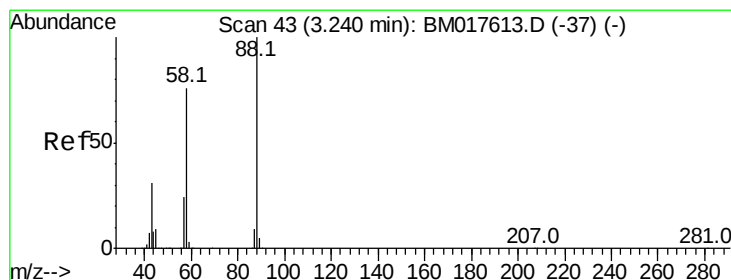
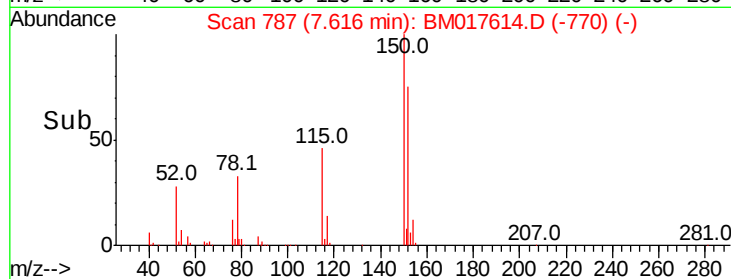
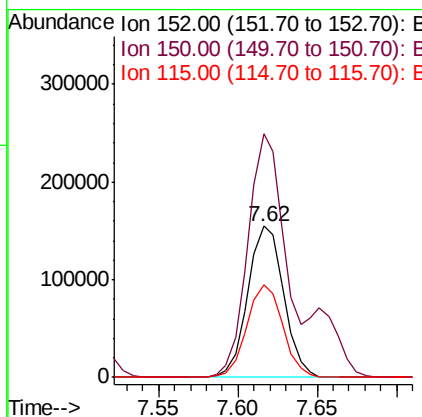
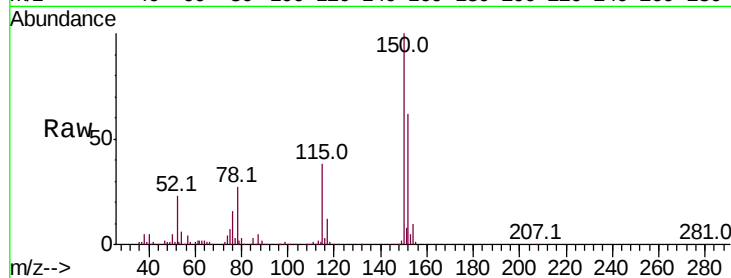
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	244089
Ion Ratio	Lower	Upper	
152	100		
150	160.9	126.4	189.6
115	61.1	49.4	74.0

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#2

1,4-Dioxane

Concen: 40.262 ng

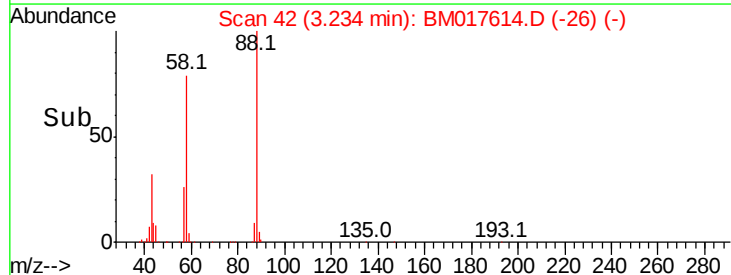
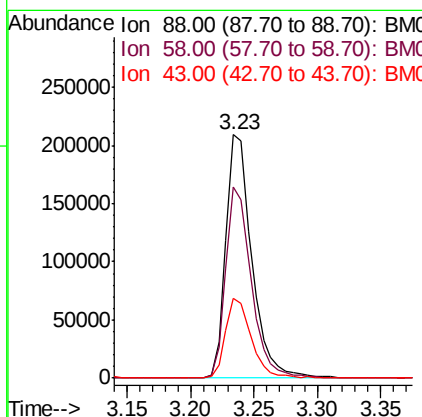
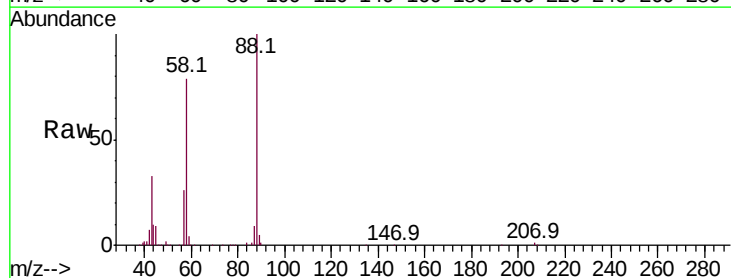
RT: 3.23 min Scan# 42

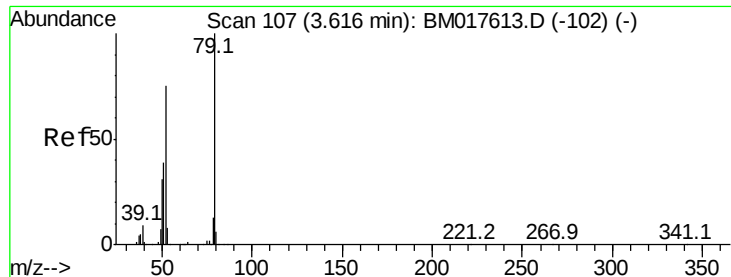
Delta R.T. -0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	88	Resp:	296711
Ion Ratio	Lower	Upper	
88	100		
58	77.6	62.0	93.0
43	32.6	26.8	40.2





#3

Pvridine

Concen: 53.939 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

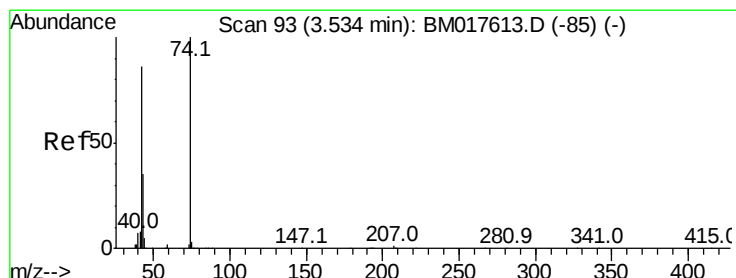
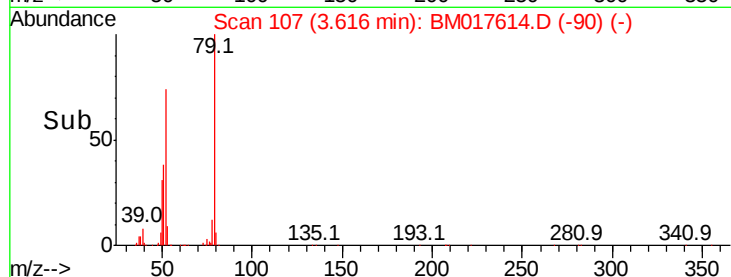
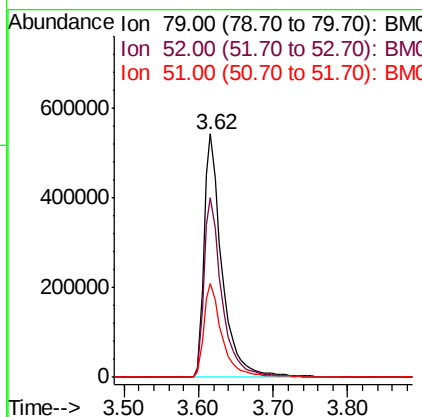
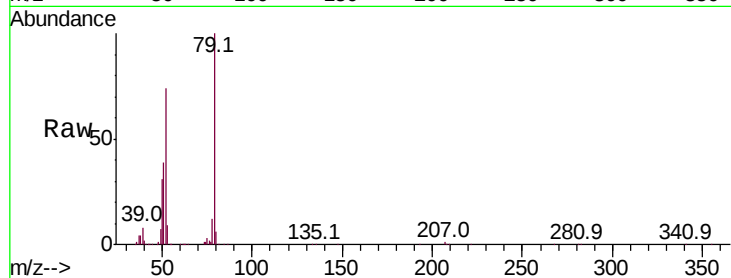
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	914619
Ion Ratio	Lower	Upper	
79	100		
52	73.7	60.1	90.1
51	38.6	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 59.999 ng

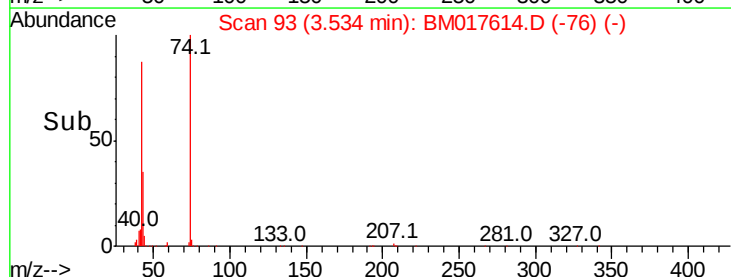
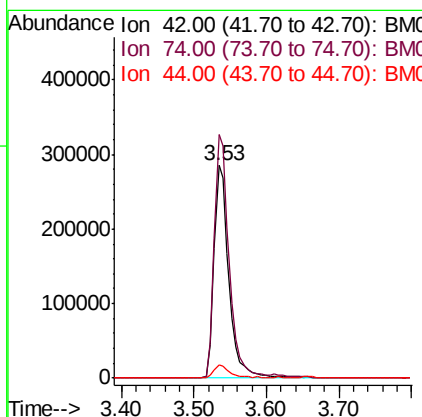
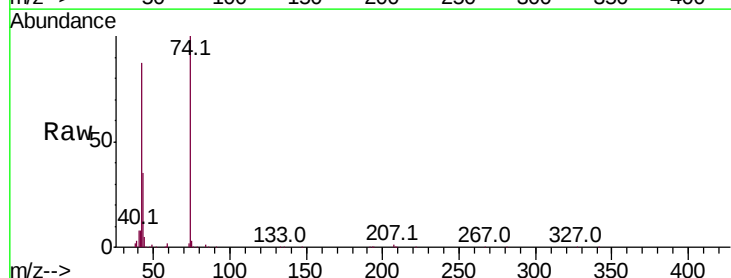
RT: 3.53 min Scan# 93

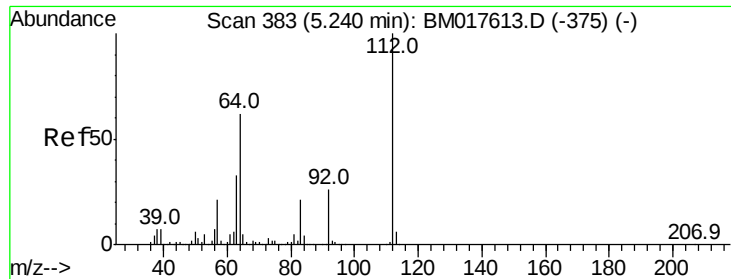
Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	42	Resp:	408417
Ion Ratio	Lower	Upper	
42	100		
74	114.5	93.1	139.7
44	6.1	5.0	7.6





#5

2-Fluorophenol

Concen: 103.195 ng

RT: 5.24 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1489277

Ion Ratio Lower Upper

112 100

64 61.8 49.3 73.9

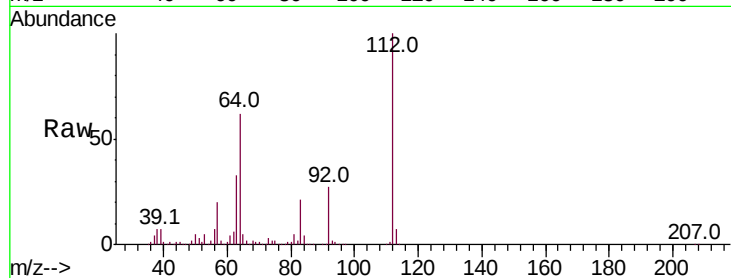
63 32.7 26.2 39.4

Manual Integrations

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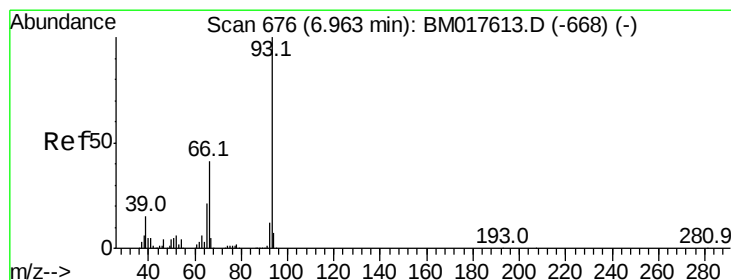
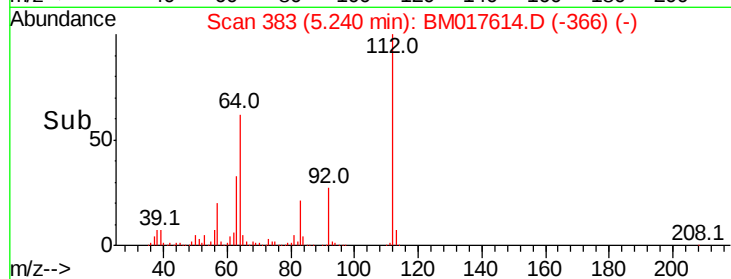
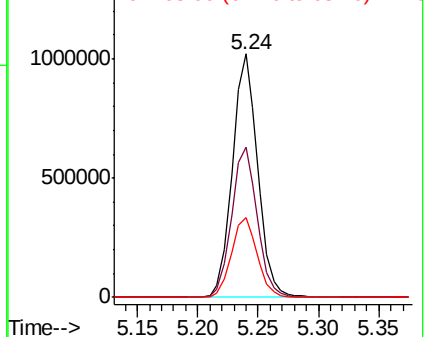
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 52.729 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

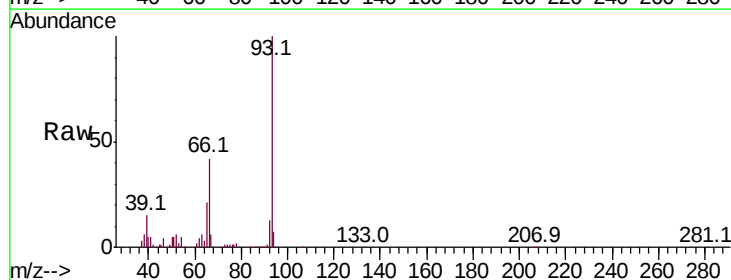
Tgt Ion: 93 Resp: 1296337

Ion Ratio Lower Upper

93 100

66 41.7 32.8 49.2

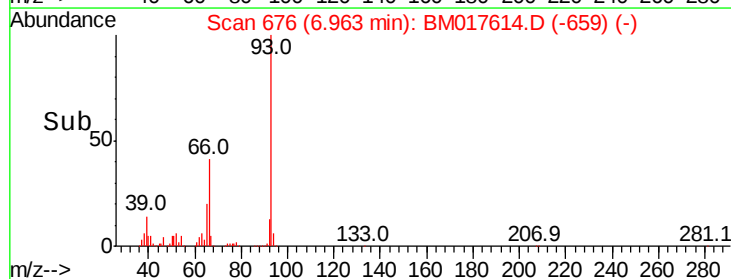
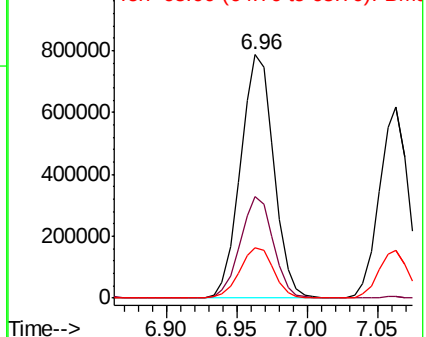
65 20.6 16.6 25.0

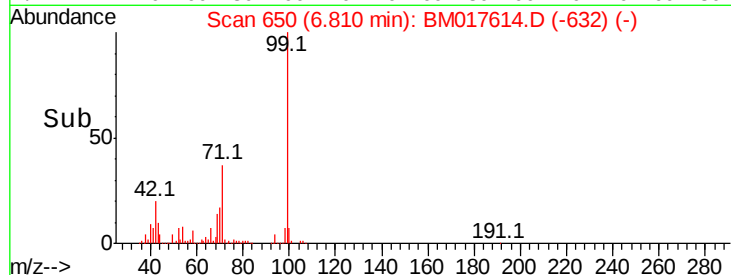
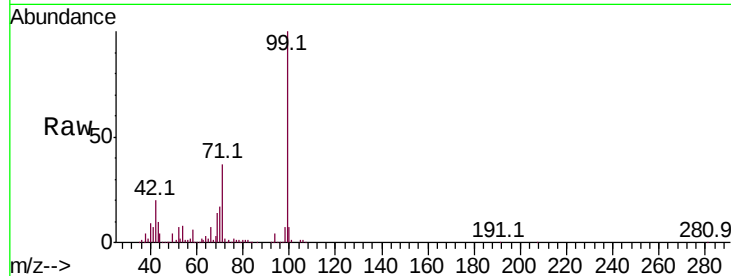
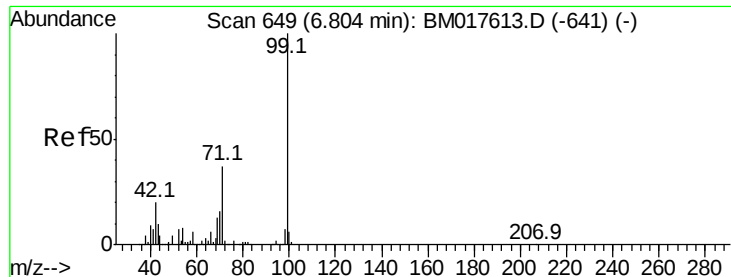


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 106.937 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tot Ion: 99 Resp: 2101877

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

71 37.4 29.8 44.8

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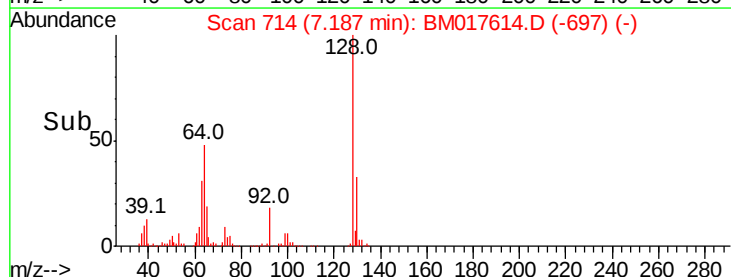
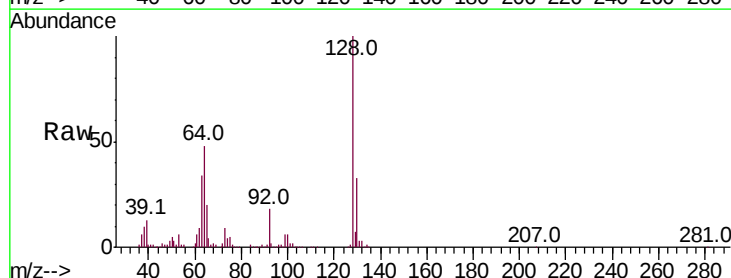
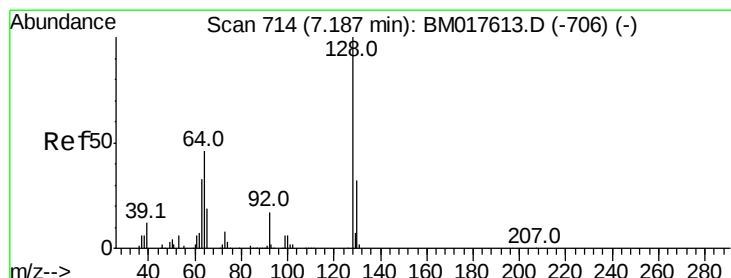
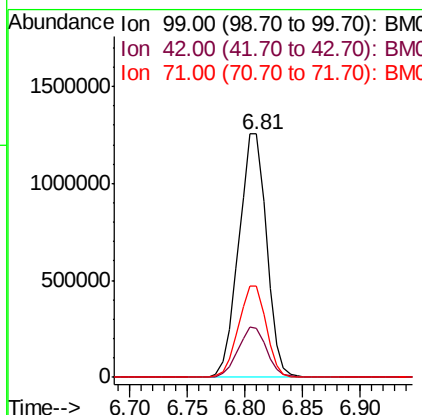
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#8

2-Chlorophenol

Concen: 53.809 ng

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

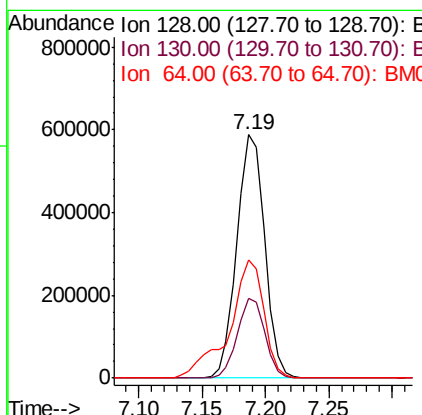
Tgt Ion:128 Resp: 898385

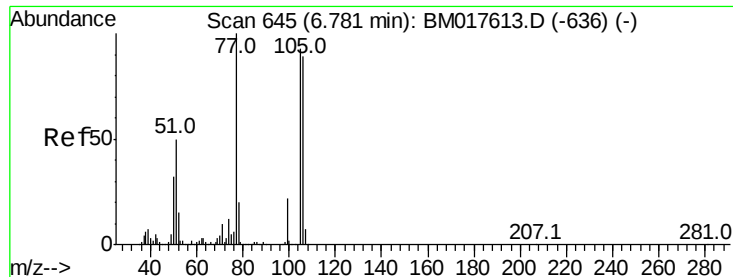
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 48.4 30.0 70.0





#9

Benzaldehyde

Concen: 60.422 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

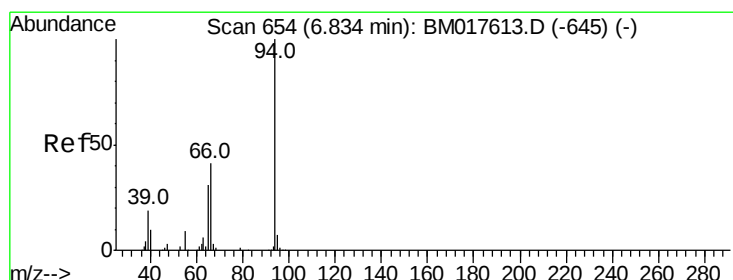
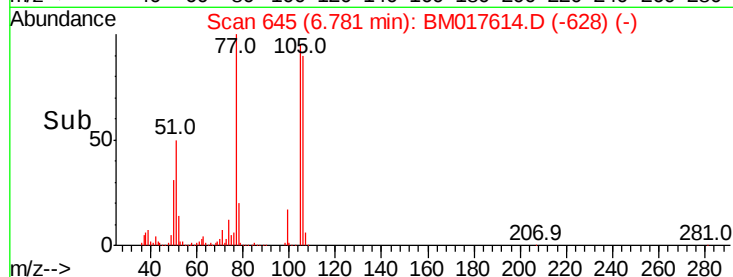
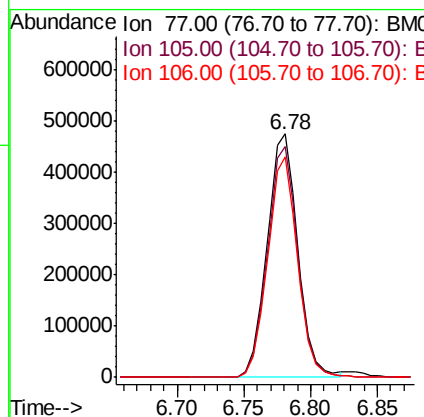
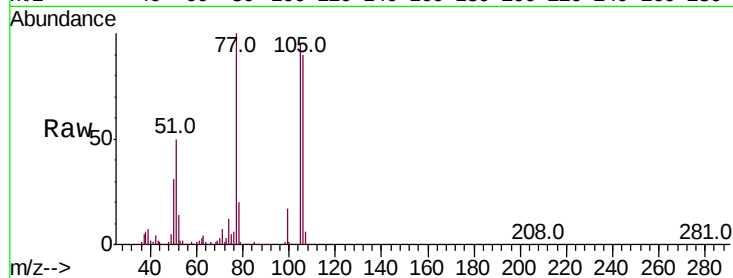
ClientSampleId :

SSTDICC050

Tot Ion:	77	Resp:	757231
Ion	Ratio	Lower	Upper
77	100		
105	95.0	72.7	112.7
106	90.4	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 52.484 ng

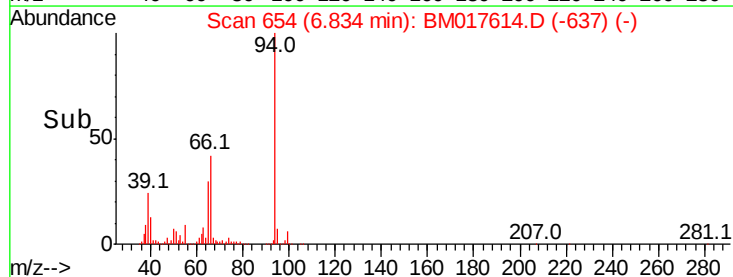
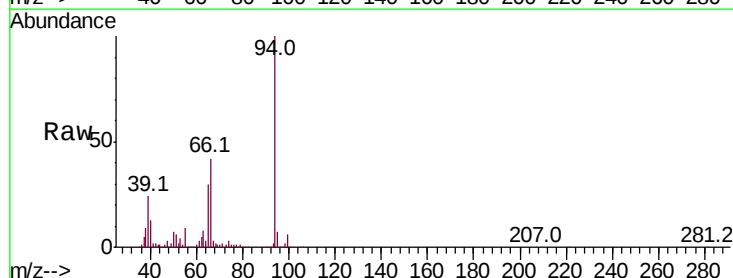
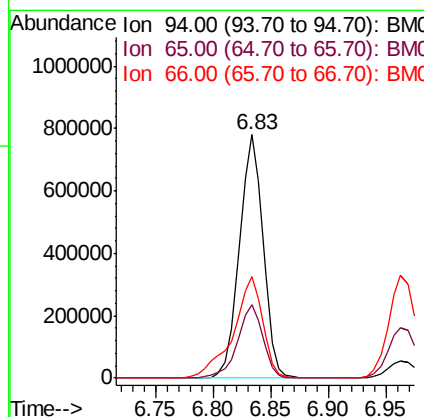
RT: 6.83 min Scan# 654

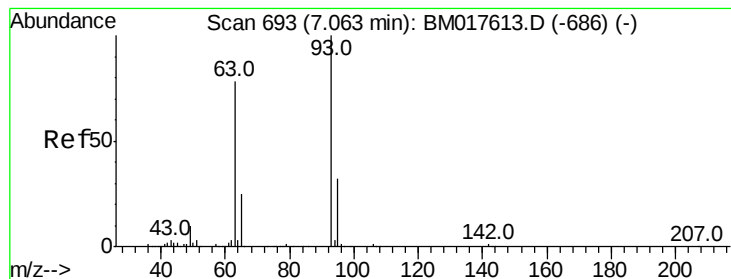
Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	94	Resp:	1110233
Ion	Ratio	Lower	Upper
94	100		
65	30.4	11.4	51.4
66	41.5	21.4	61.4





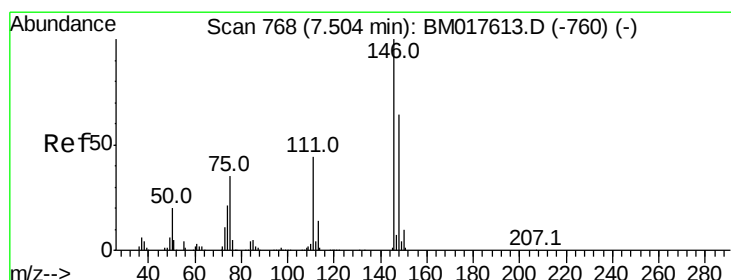
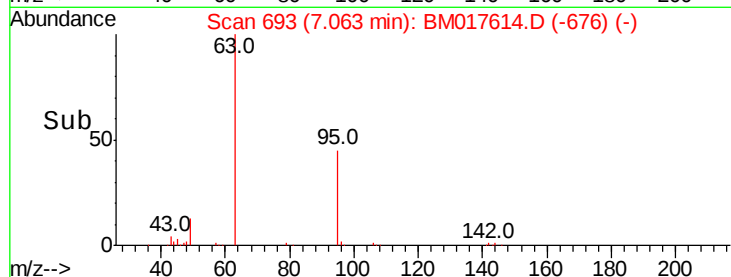
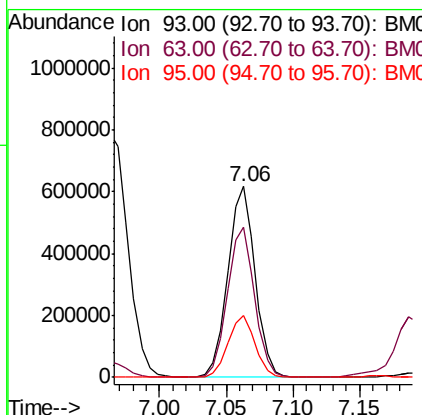
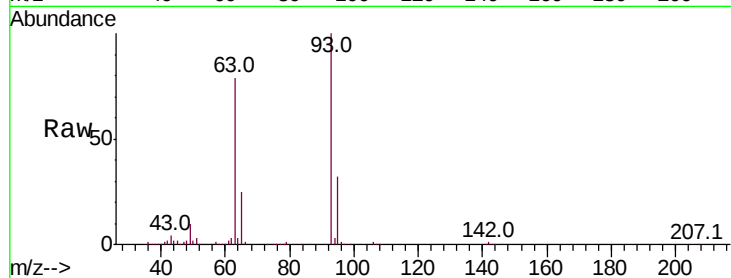
#11
bis(2-Chloroethyl)ether
Concen: 52.101 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	57.9	97.9
95	32.5	12.3	52.3

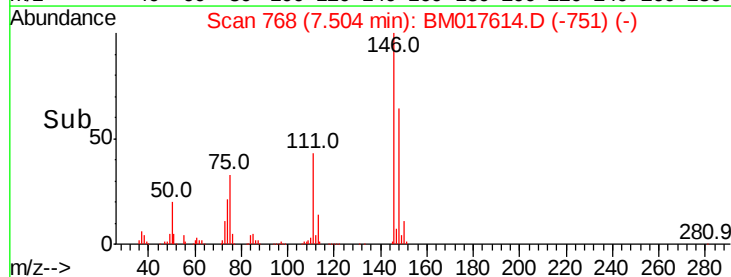
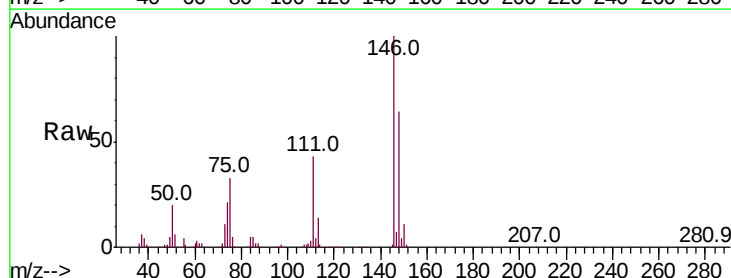
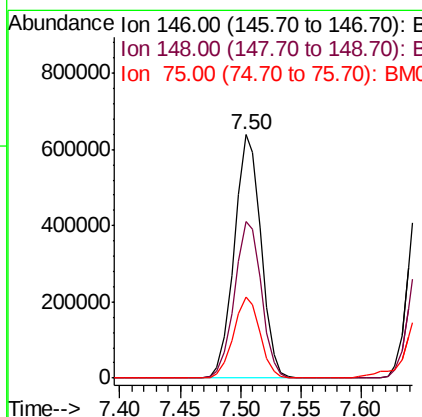
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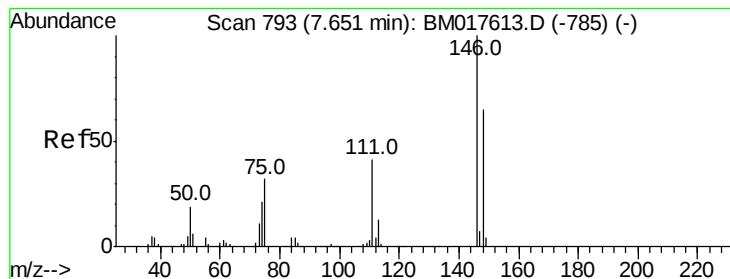
Sohil
11/13/2018 2:25:13 PM



#12
1,3-Dichlorobenzene
Concen: 50.626 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
75	33.1	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 51.196 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:146 Resp: 1018005

Ion Ratio Lower Upper

146 100

148 62.8 52.0 78.0

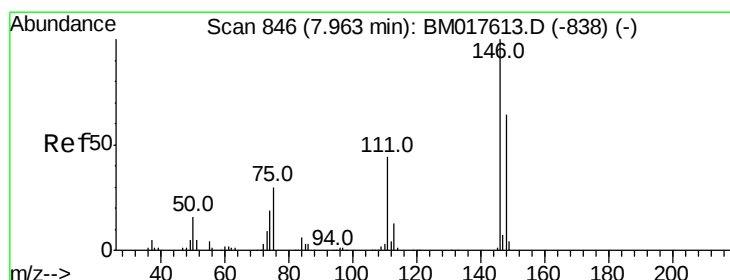
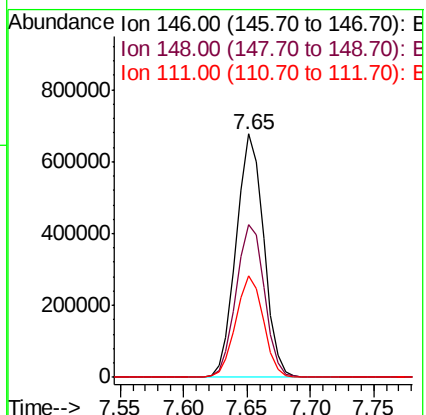
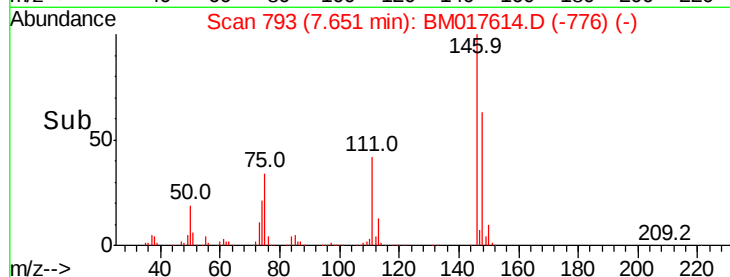
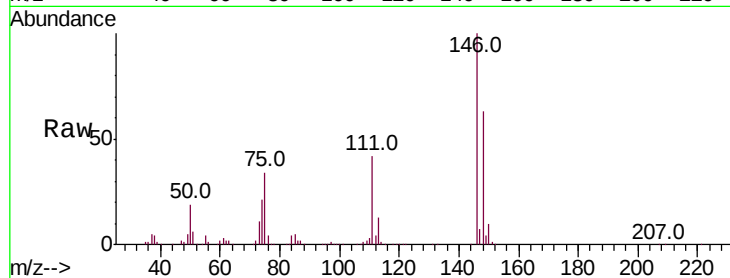
111 42.0 33.2 49.8

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#14

1,2-Dichlorobenzene

Concen: 51.561 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

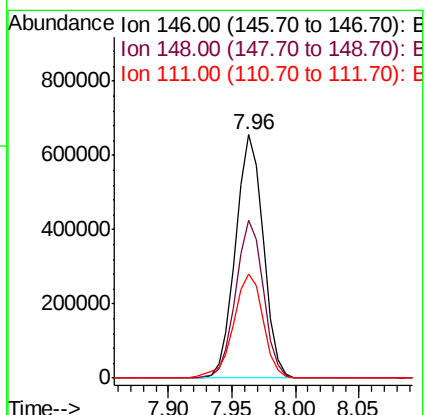
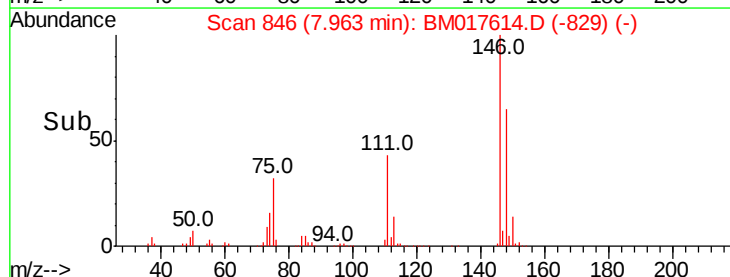
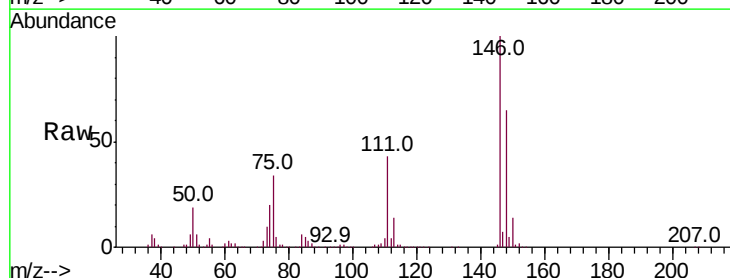
Tgt Ion:146 Resp: 987826

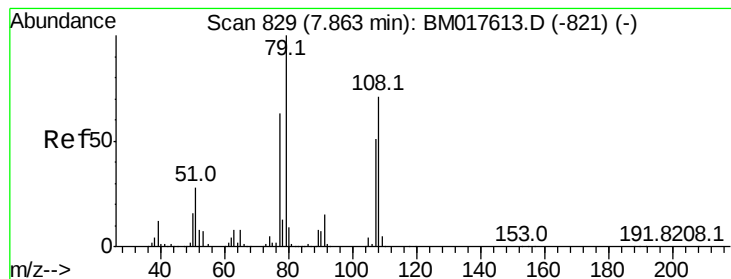
Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

111 42.9 35.8 53.8





#15

Benzyl Alcohol

Concen: 60.204 ng

RT: 7.87 min Scan# 830

Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

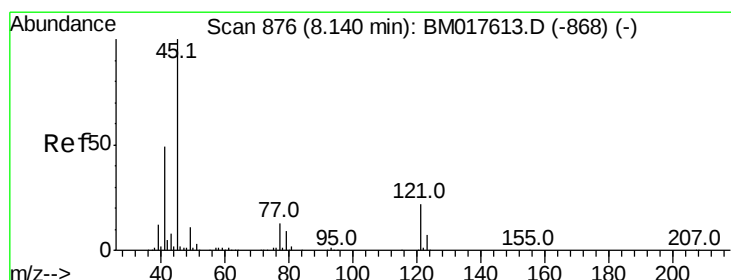
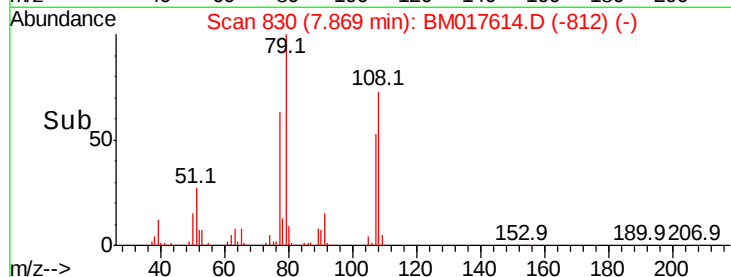
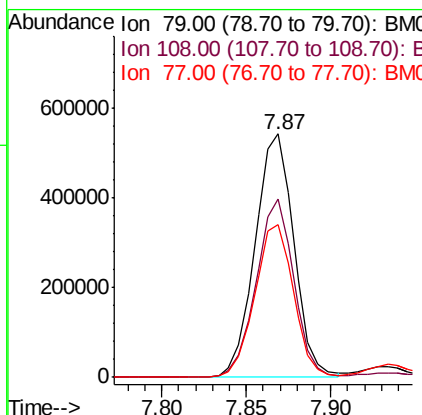
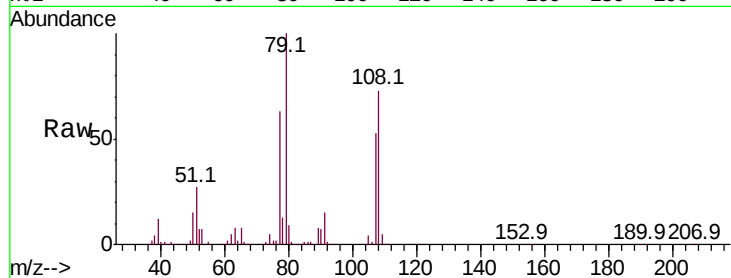
ClientSampled :

SSTDIC050

Tot Ion:	79	Resp:	864945
Ion Ratio	Lower	Upper	
79	100		
108	73.5	57.1	85.7
77	62.8	50.4	75.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.776 ng

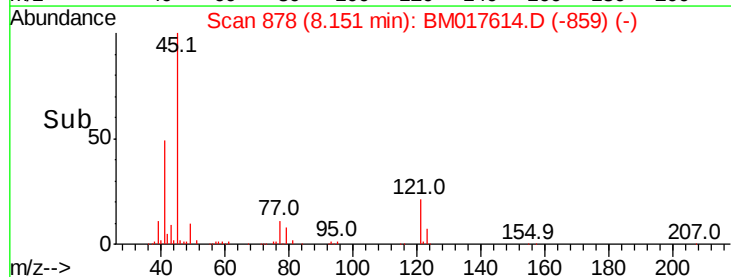
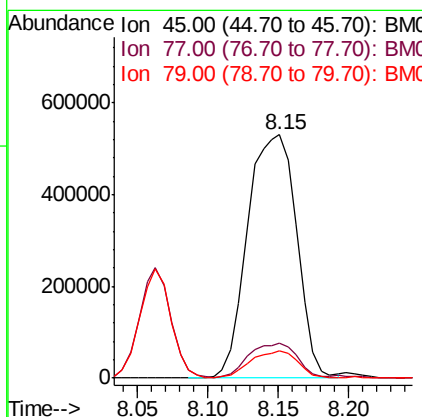
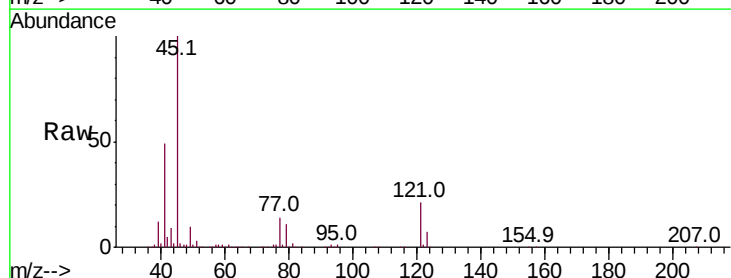
RT: 8.15 min Scan# 878

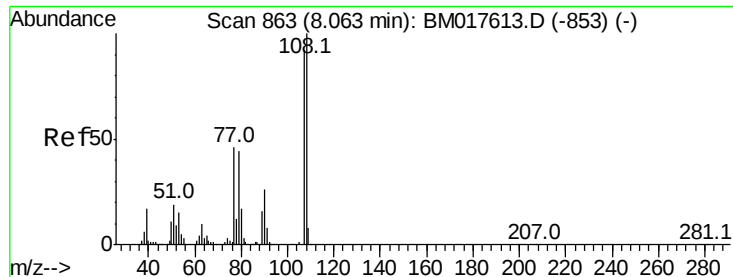
Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	45	Resp:	1290468
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.2
79	11.1	0.0	30.5





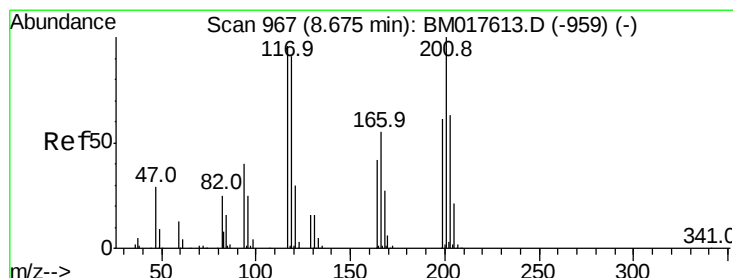
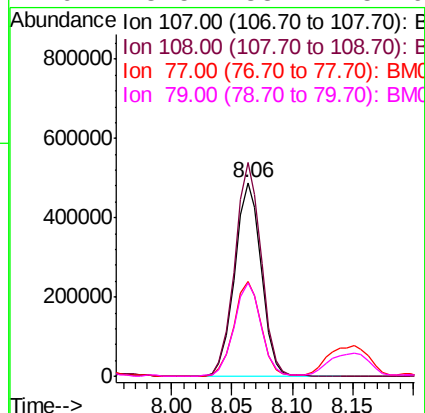
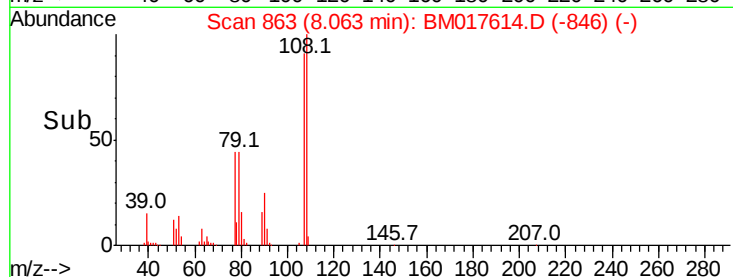
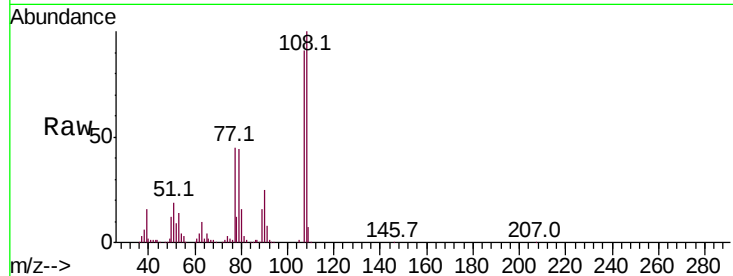
#17
2-Methylphenol
Concen: 55.237 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	86.7	130.1	
77	49.1	39.8	59.6	
79	48.5	38.4	57.6	

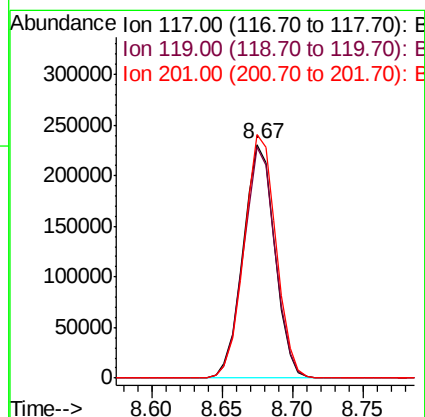
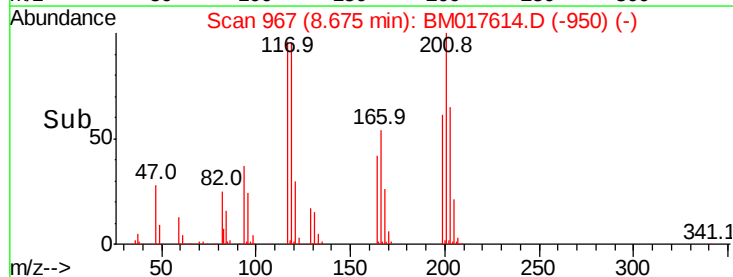
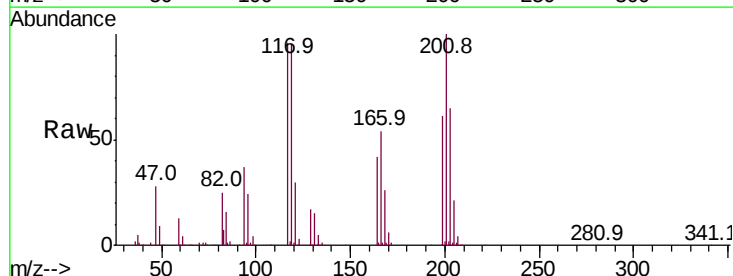
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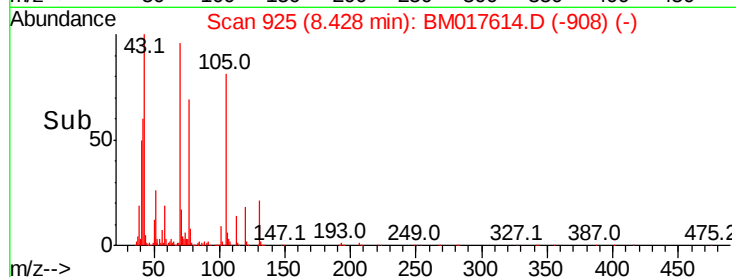
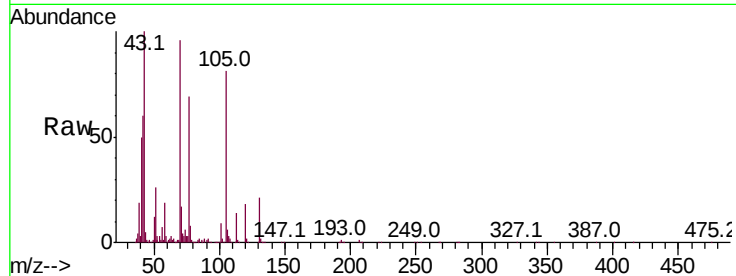
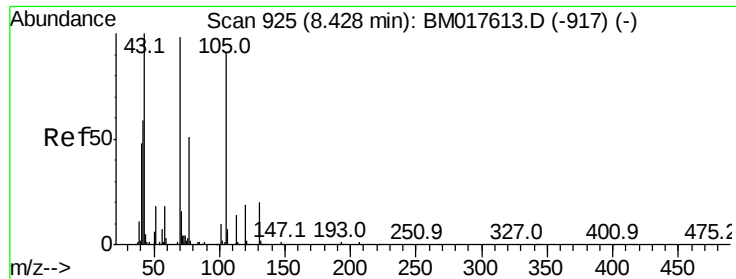
Sohil
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#18
Hexachloroethane
Concen: 53.489 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	75.8	113.8	
201	104.2	83.0	124.4	





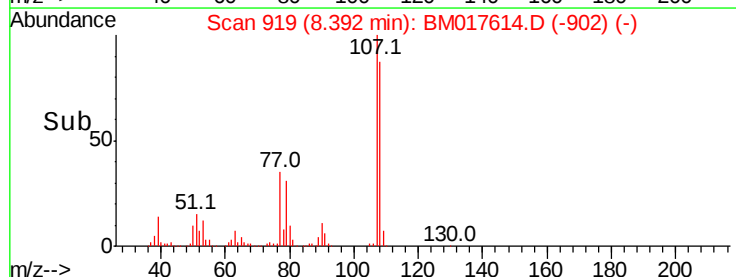
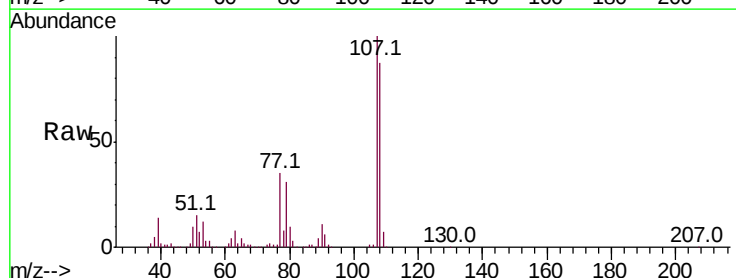
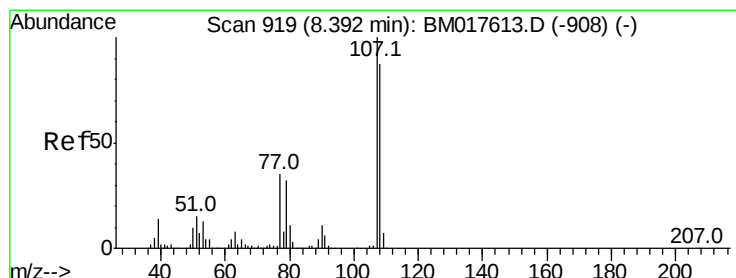
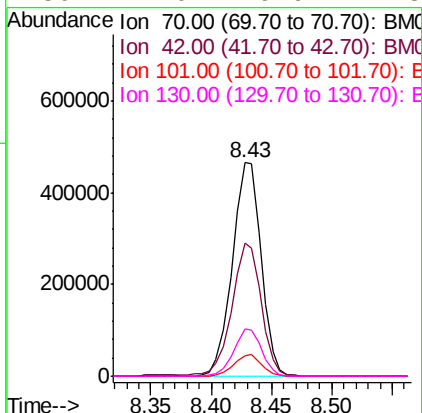
#19
n-Nitroso-di-n-propylamine
Concen: 59.786 ng
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

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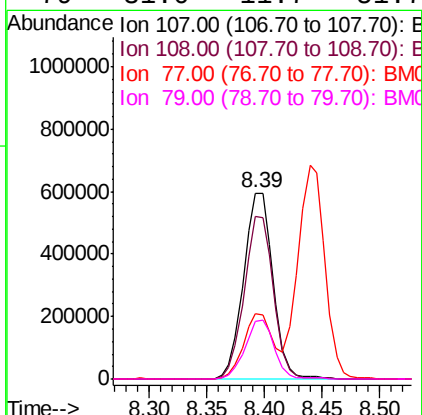
Sohil
11/13/2018 2:25:13 PM

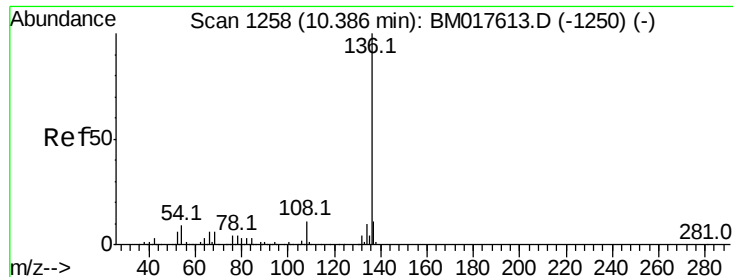
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	48.6	73.0
101	9.7	7.9	11.9
130	22.0	16.6	24.8



#20
3+4-Methylphenols
Concen: 56.781 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.0	107.0
77	35.1	15.6	55.6
79	31.0	11.7	51.7





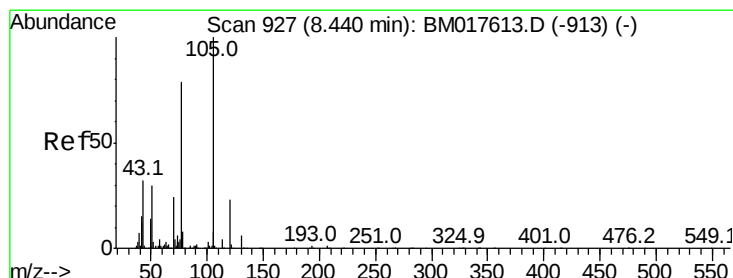
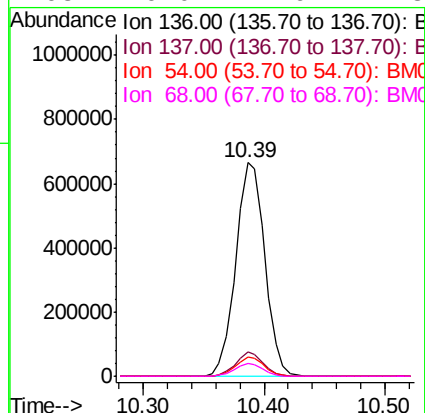
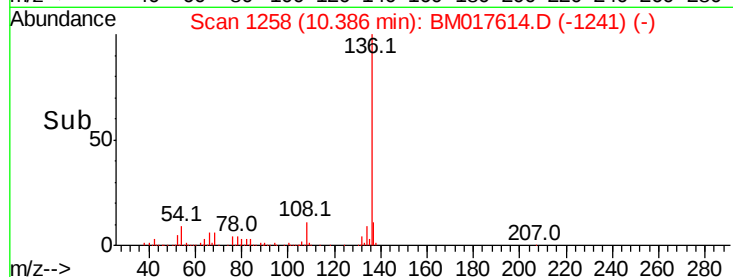
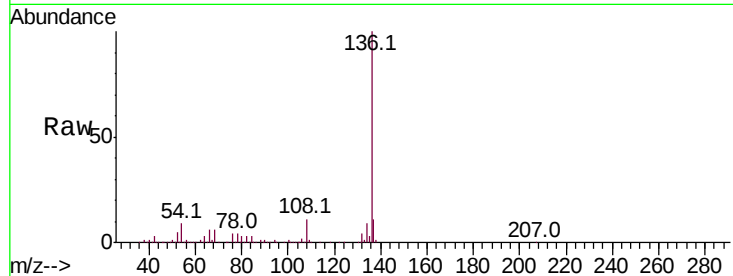
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.9	7.0	10.6
68	6.0	4.9	7.3

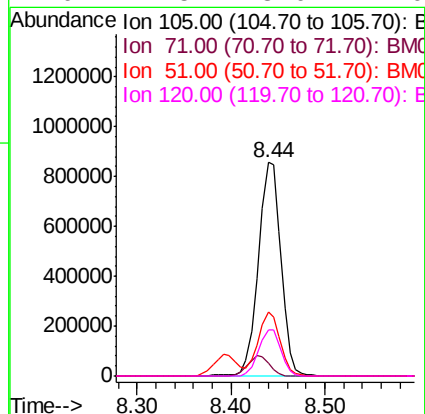
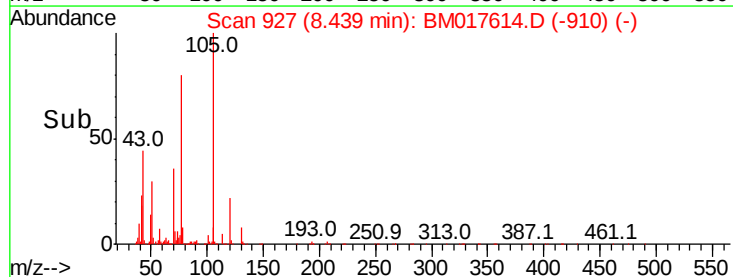
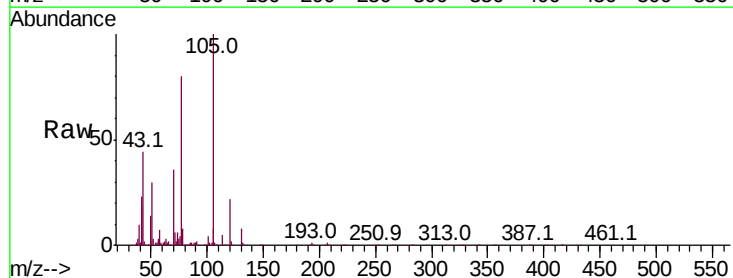
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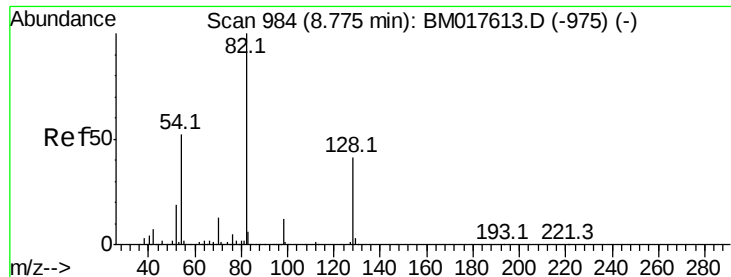
Sohil
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#22
Acetophenone
Concen: 50.536 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.1	4.7#
51	30.3	23.8	35.8
120	21.5	18.0	27.0





#23

Nitrobenzene-d5

Concen: 116.379 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 2219664

Ion Ratio Lower Upper

82 100

128 41.0 33.0 49.4

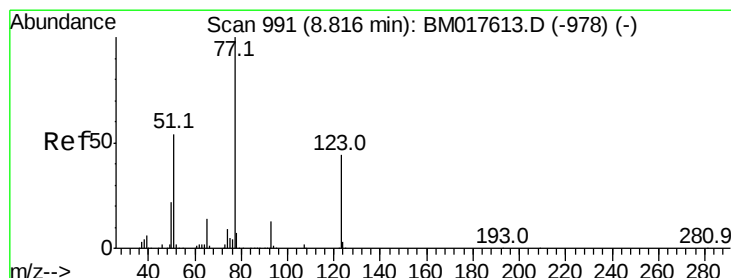
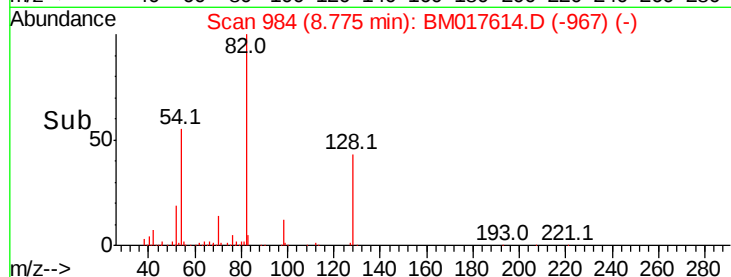
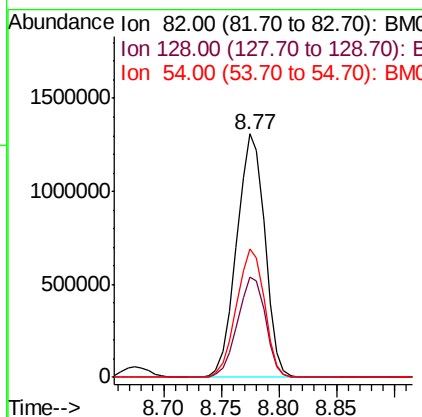
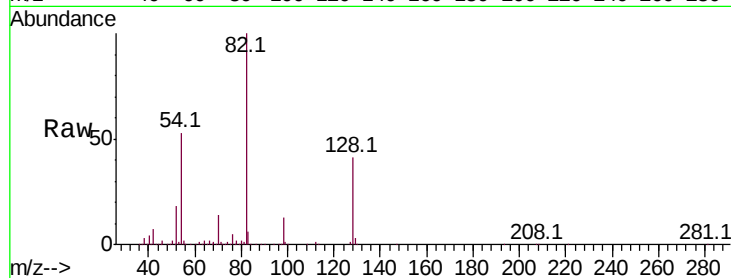
54 52.7 41.4 62.2

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#24

Nitrobenzene

Concen: 54.522 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

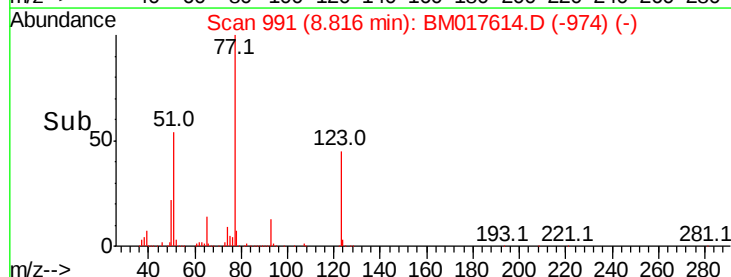
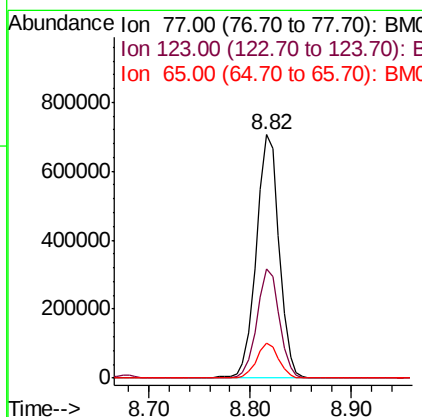
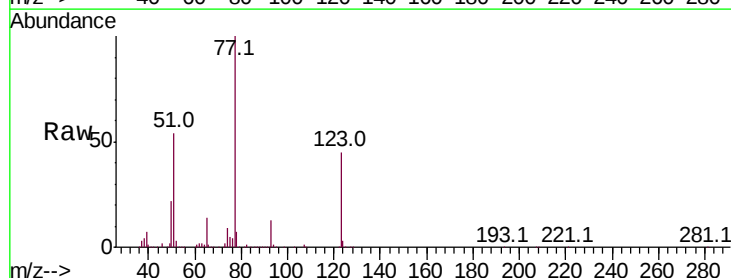
Tgt Ion: 77 Resp: 1099963

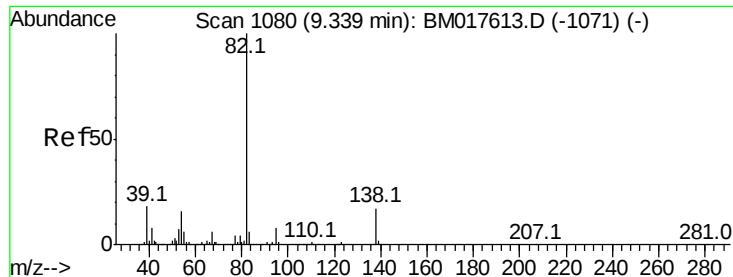
Ion Ratio Lower Upper

77 100

123 44.6 35.1 52.7

65 14.2 11.0 16.6





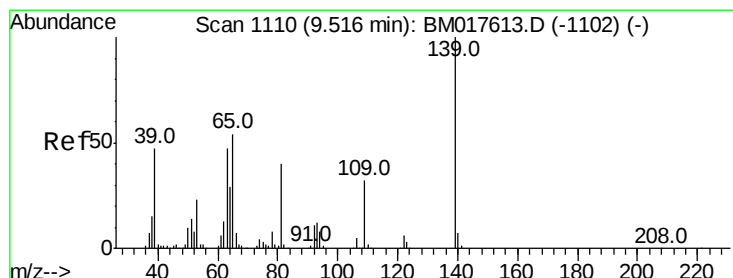
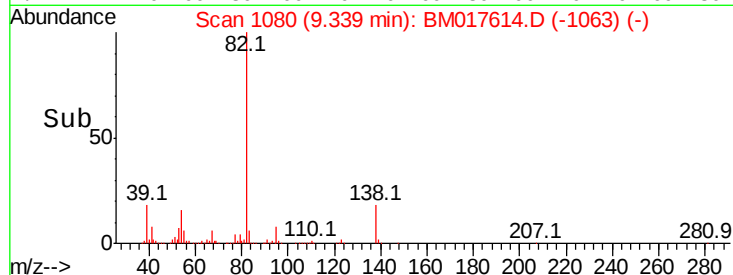
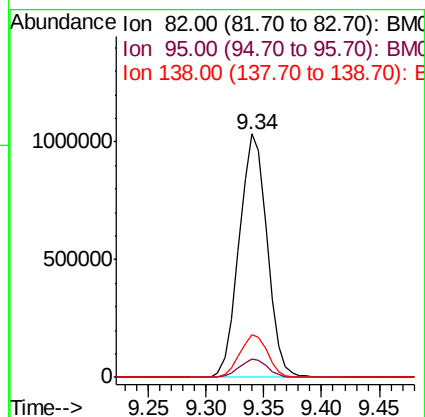
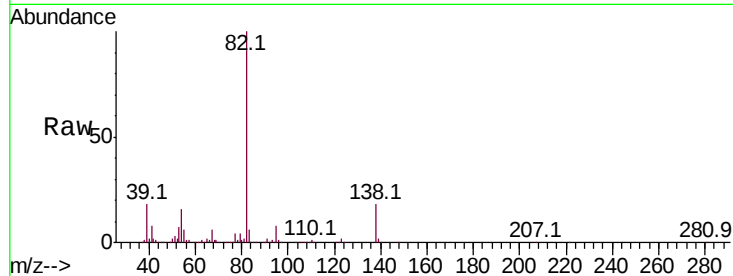
#25
Isophorone
Concen: 55.166 ng
RT: 9.34 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.6	13.9	20.9

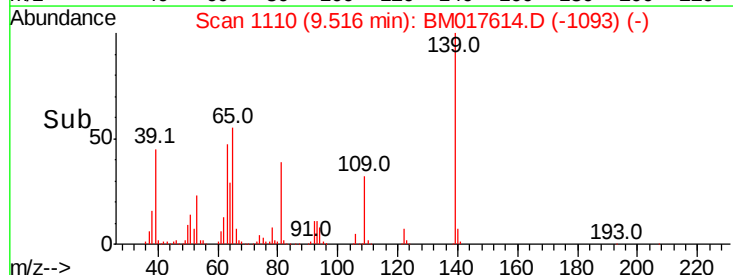
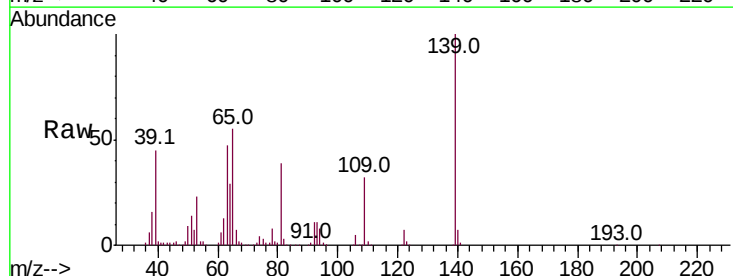
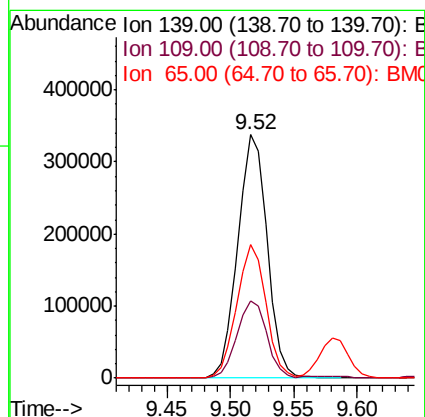
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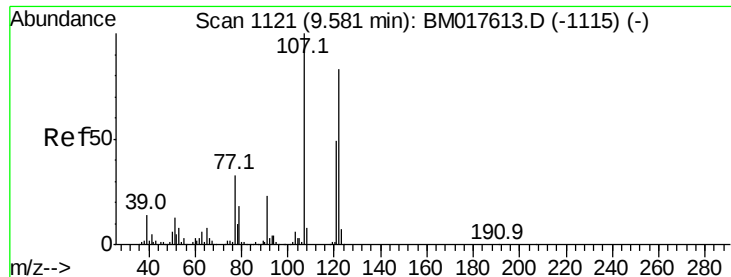
Sohil
11/13/2018 2:25:13 PM



#26
2-Nitrophenol
Concen: 62.529 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	25.9	38.9
65	54.9	43.0	64.4





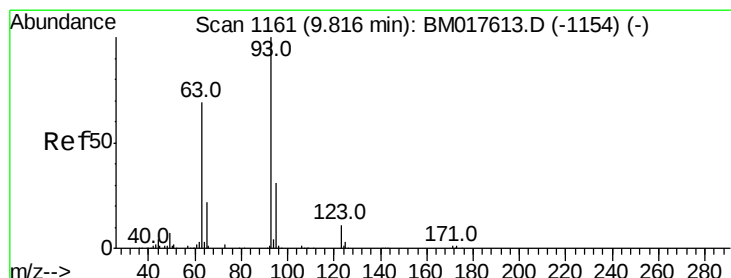
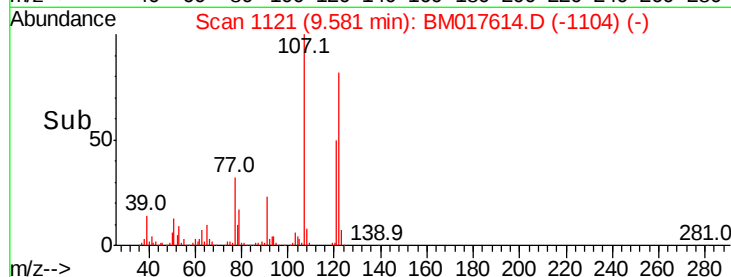
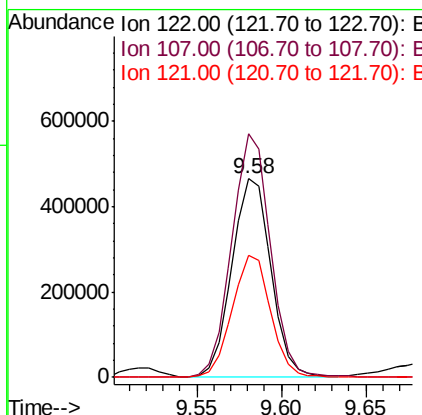
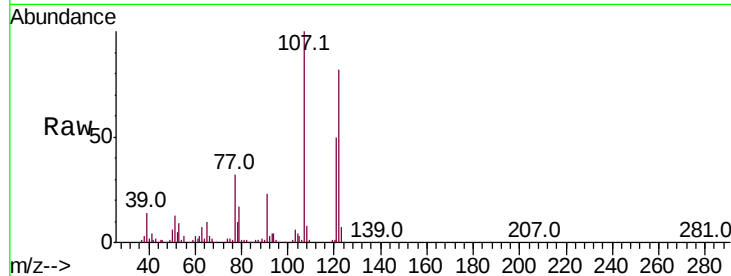
#27
2,4-Dimethylphenol
Concen: 53.566 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.6	95.8	143.8
121	61.4	47.2	70.8

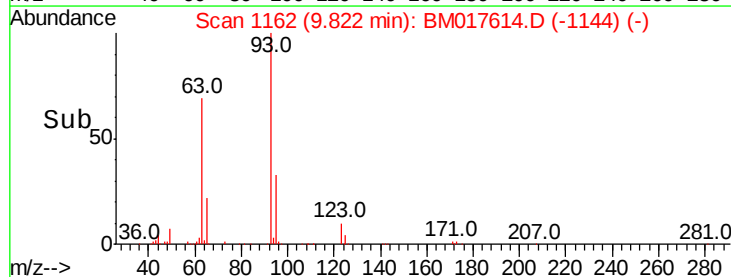
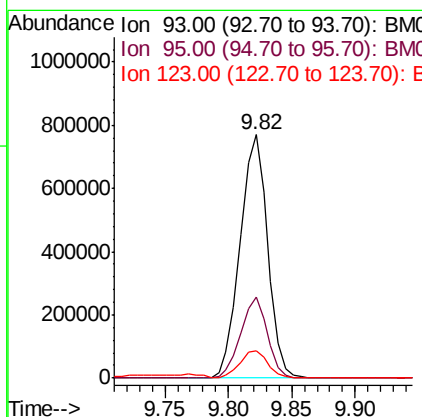
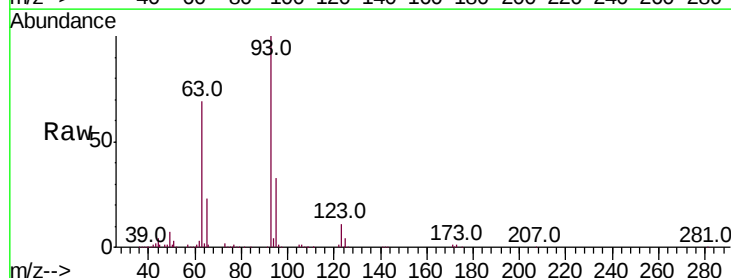
Manual Integrations
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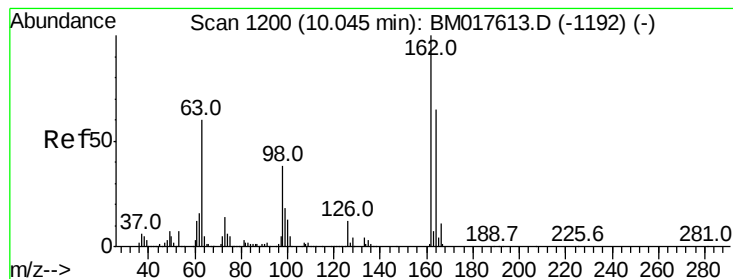
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 52.193 ng
RT: 9.82 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.9	37.3
123	11.1	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 55.346 ng

RT: 10.05 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

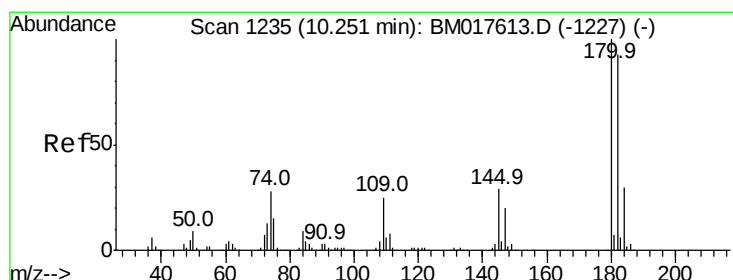
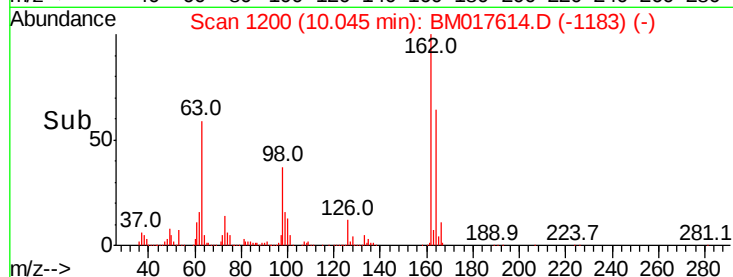
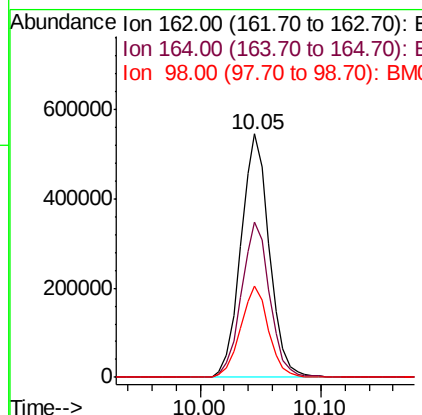
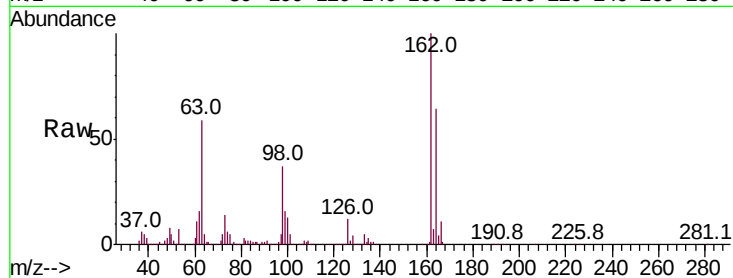
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	894912
Ion Ratio	Lower	Upper	
162	100		
164	63.7	45.0	85.0
98	37.2	17.5	57.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 51.110 ng

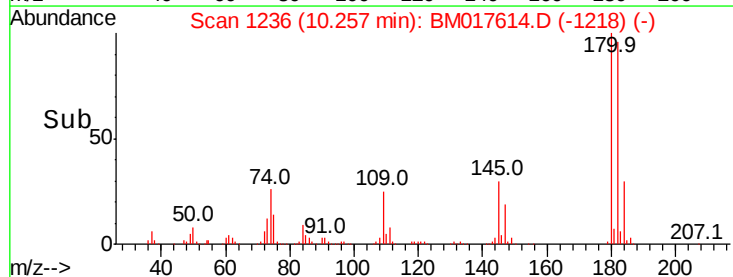
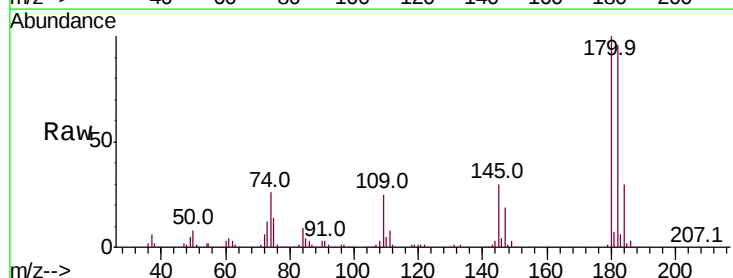
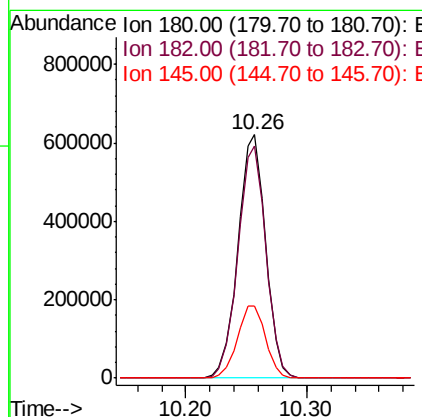
RT: 10.26 min Scan# 1236

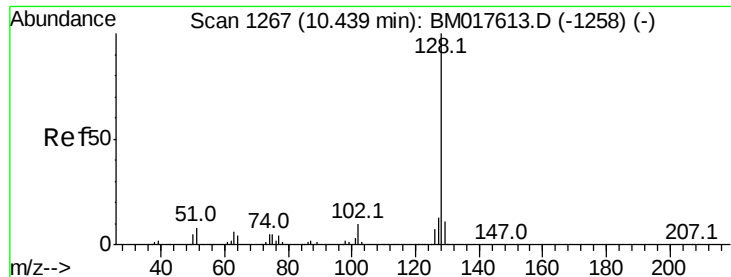
Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	180	Resp:	991375
Ion Ratio	Lower	Upper	
180	100		
182	95.5	74.4	111.6
145	29.5	23.5	35.3





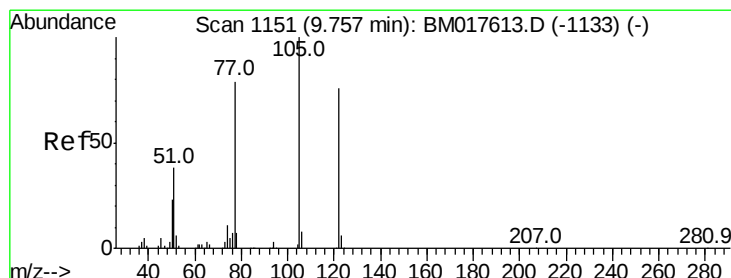
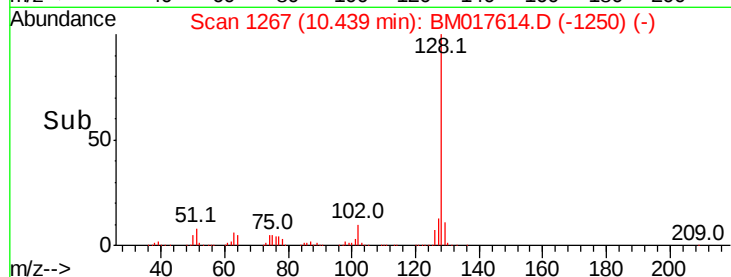
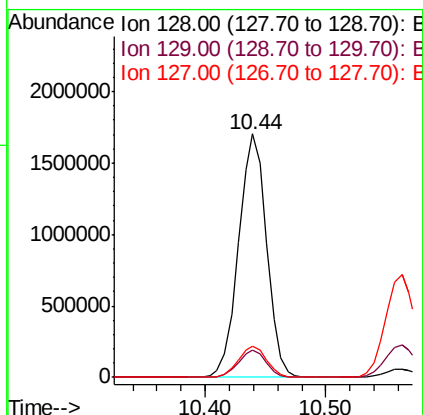
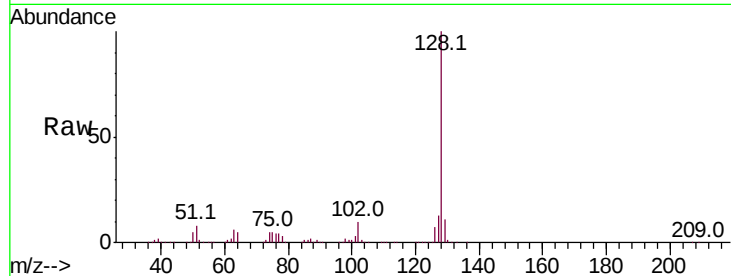
#31
Naphthalene
Concen: 50.362 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.0	10.3	15.5

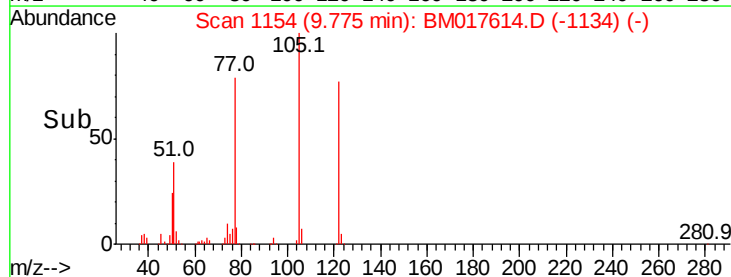
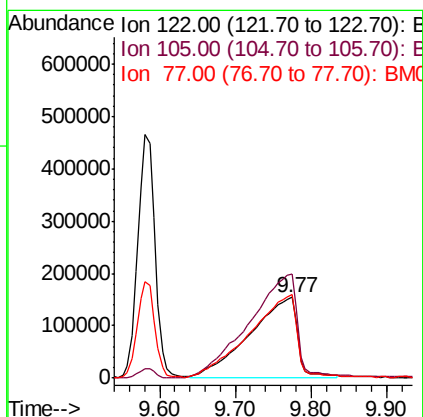
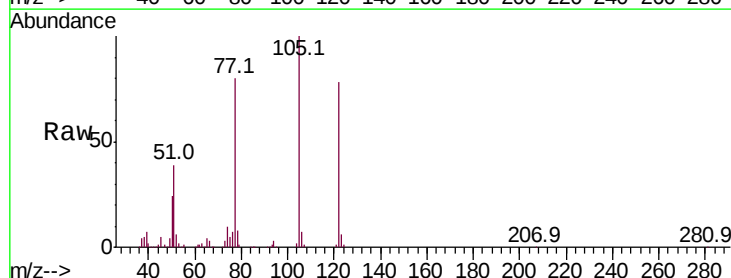
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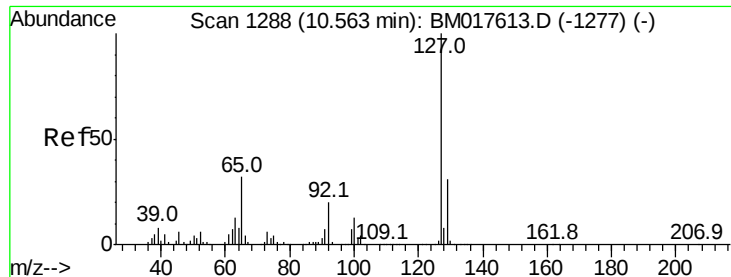
Sohil
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#32
Benzoic acid
Concen: 66.331 ng m
RT: 9.77 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	109.1	149.1
77	103.0	82.1	122.1





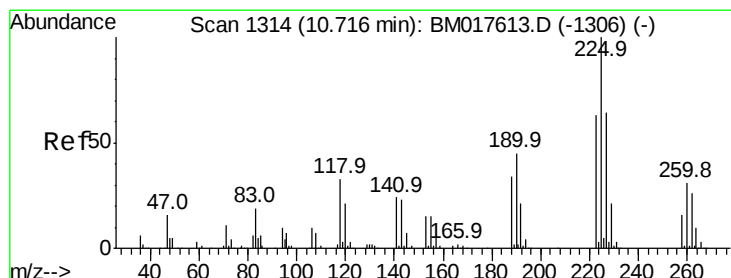
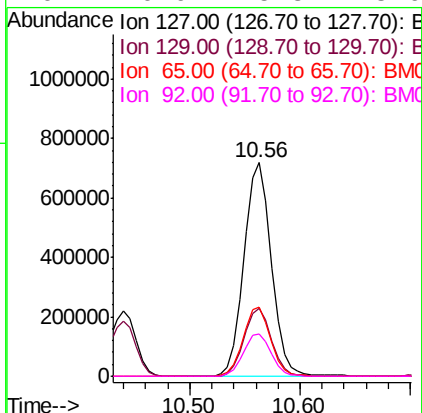
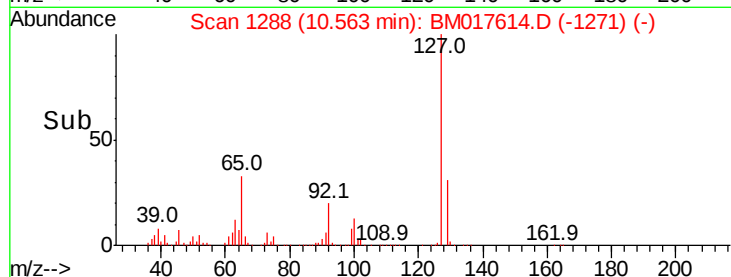
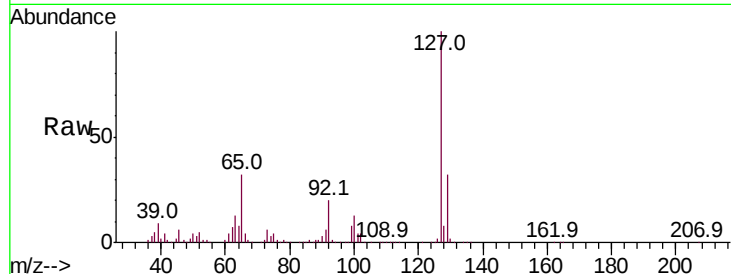
#33
4-Chloroaniline
Concen: 53.240 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.0	37.4
65	32.4	25.8	38.8
92	19.9	15.8	23.6

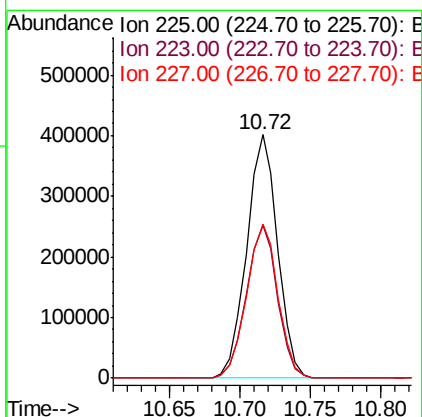
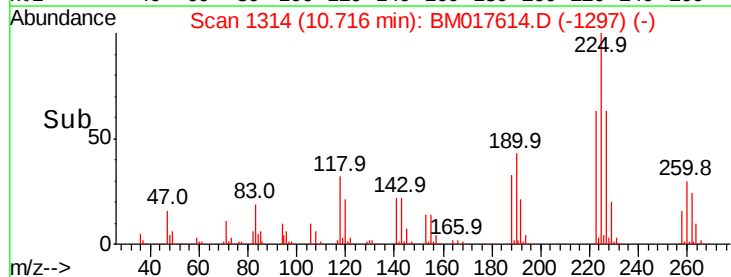
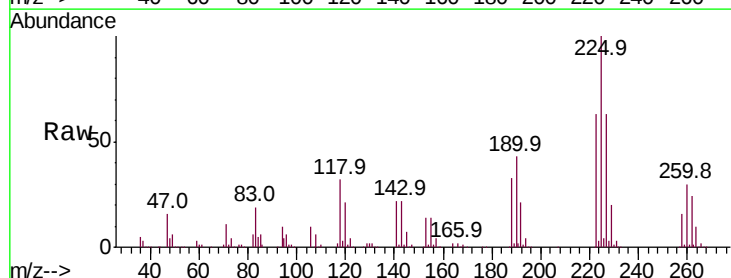
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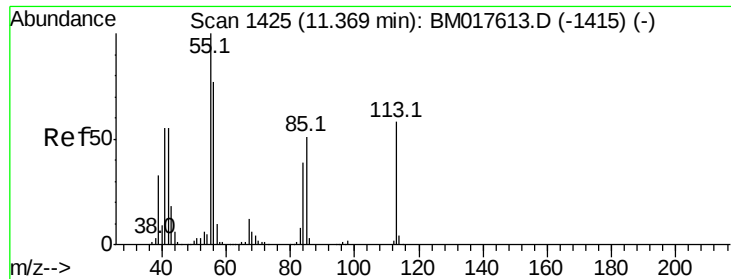
Sohil
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#34
Hexachlorobutadiene
Concen: 50.182 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	63.5	51.0	76.4





#35

Caprolactam

Concen: 53.697 ng/mL

RT: 11.38 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleID :

SSTDIC050

Tot Ion:113 Resp: 316419

Ion Ratio Lower Upper

113 100

55 169.8 153.1 193.1

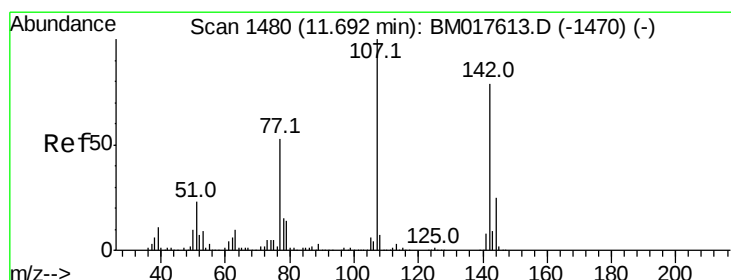
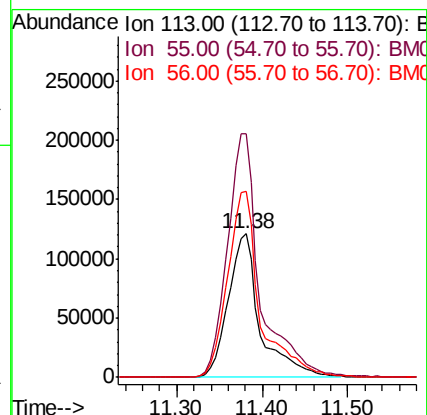
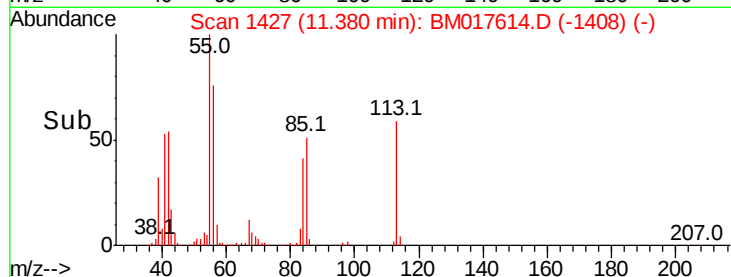
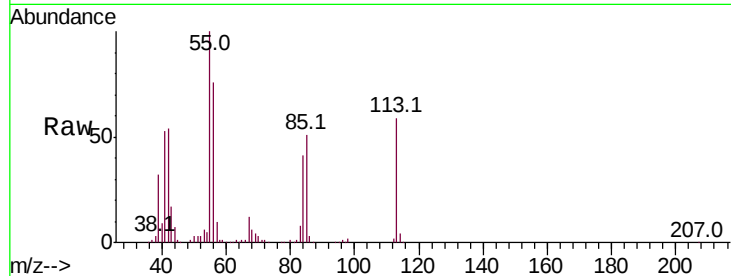
56 129.8 112.7 152.7

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 55.185 ng/mL

RT: 11.69 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

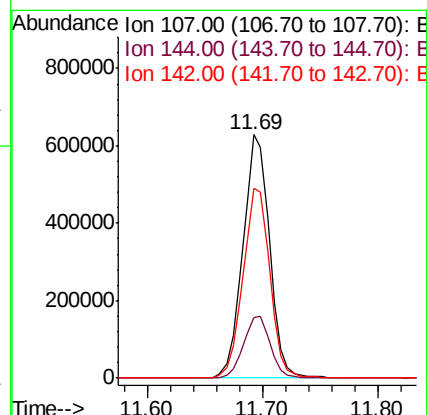
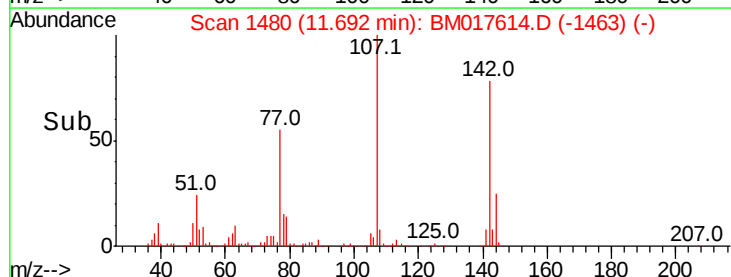
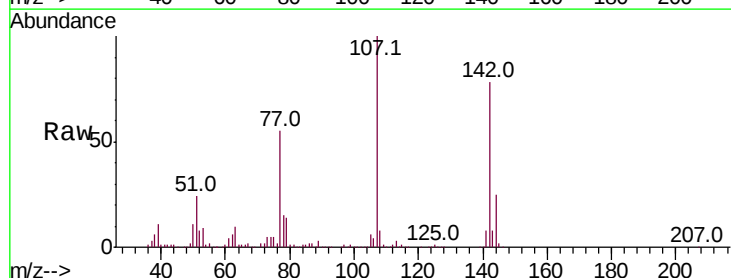
Tgt Ion:107 Resp: 1005809

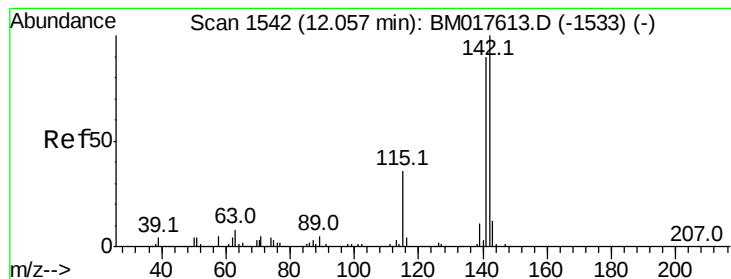
Ion Ratio Lower Upper

107 100

144 25.0 19.9 29.9

142 77.9 63.0 94.4





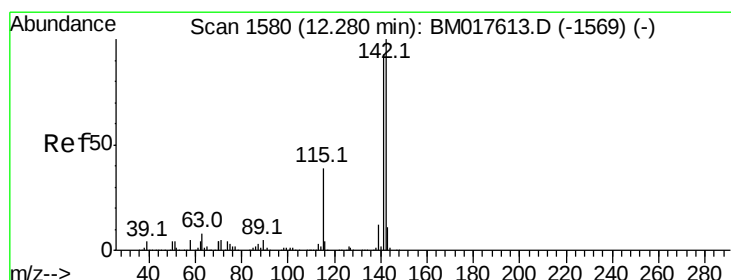
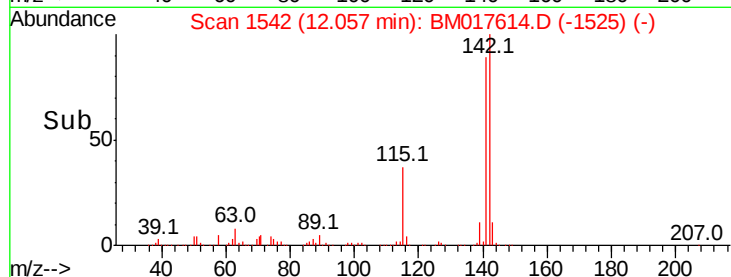
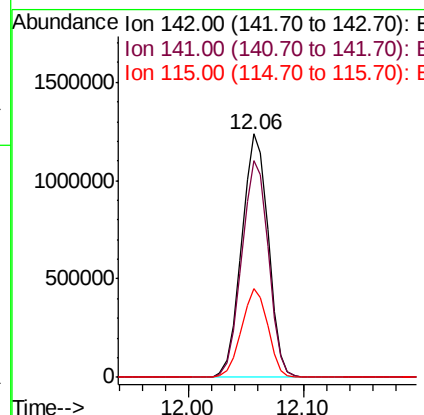
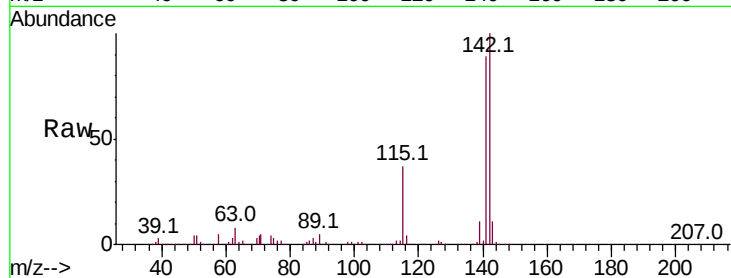
#37
2-Methylnaphthalene
Concen: 52.753 ng
RT: 12.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.2	108.4
115	36.7	28.5	42.7

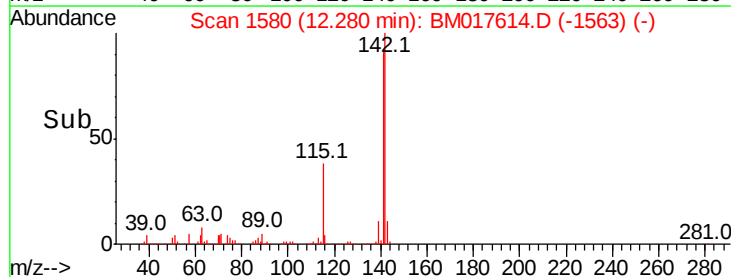
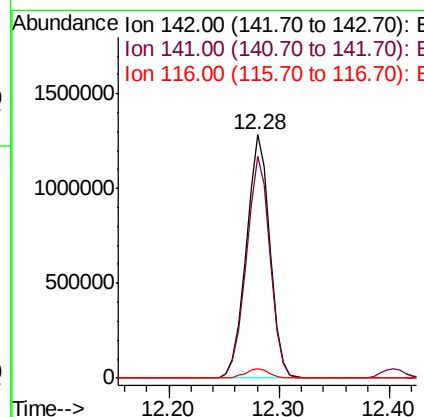
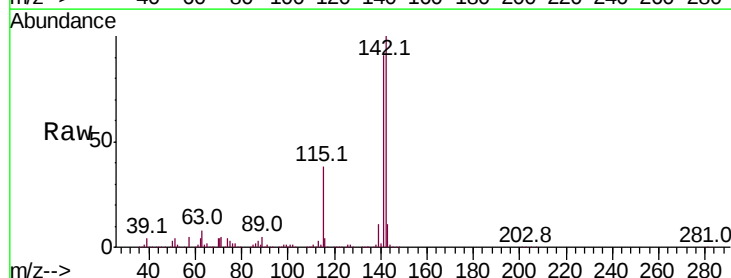
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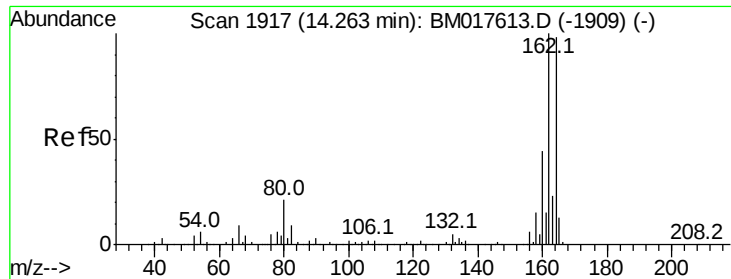
Sohil
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#38
1-Methylnaphthalene
Concen: 52.896 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.2	111.4
116	3.9	3.1	4.7





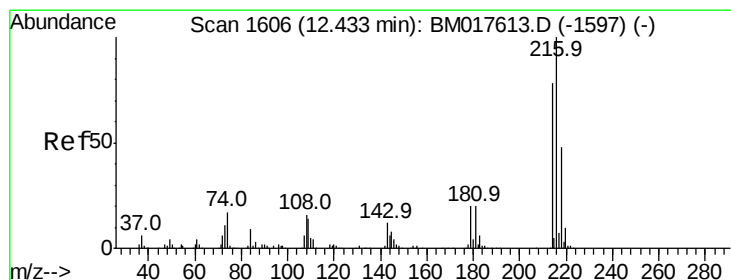
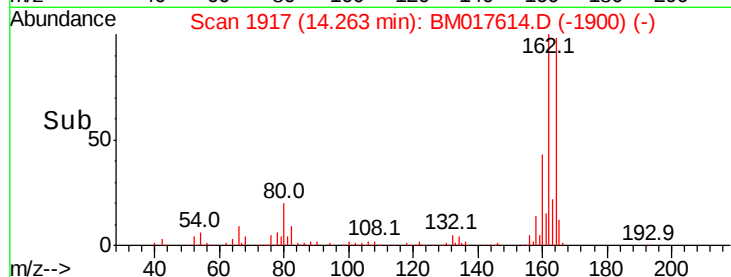
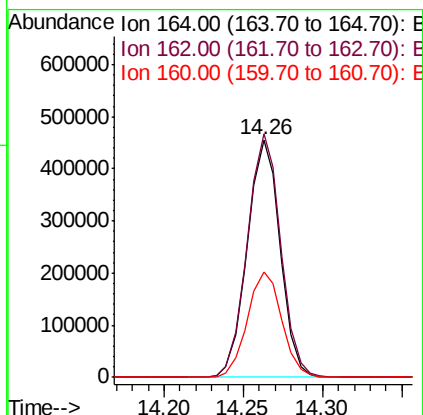
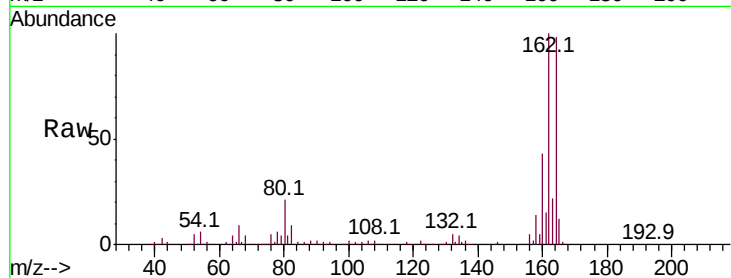
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	44.4	35.6	53.4

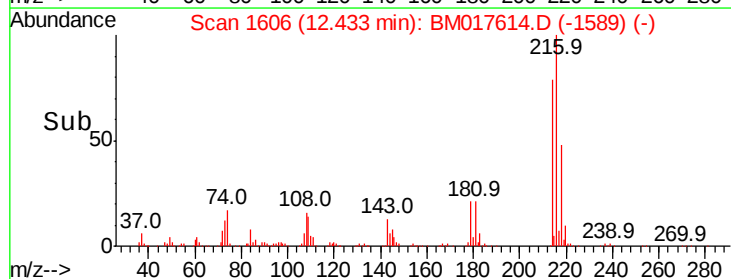
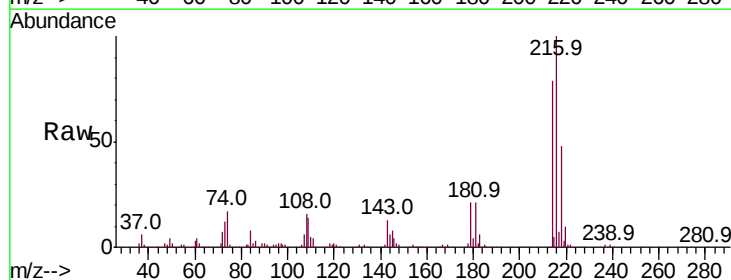
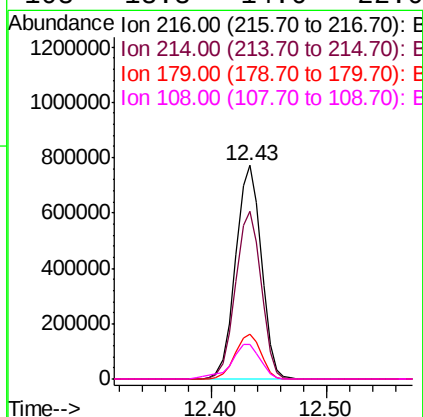
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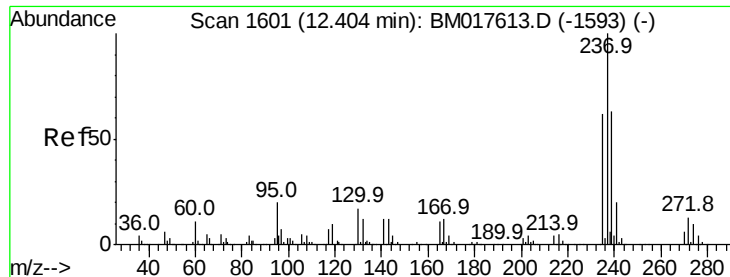
Sohil
 11/13/2018 2:25:13 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.389 ng
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.5	93.7
179	21.2	16.8	25.2
108	18.3	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 57.452 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

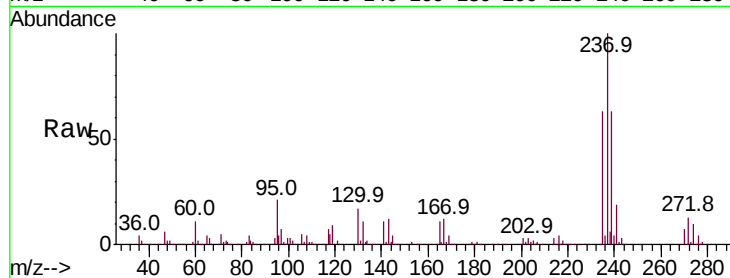
ClientSampleId :

SSTDIC050

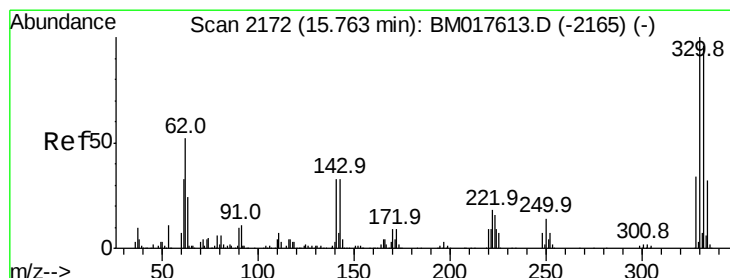
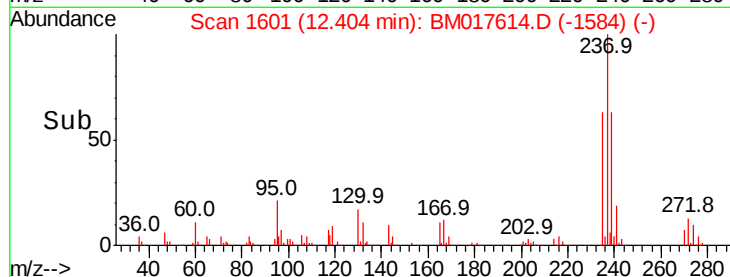
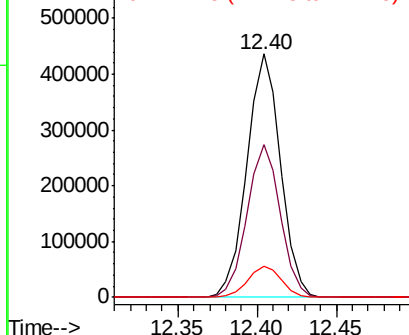
Tot Ion:	237	Resp:	641845
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.2	82.2
272	12.9	0.0	32.6

Manual Integrations
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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: 111.745 ng

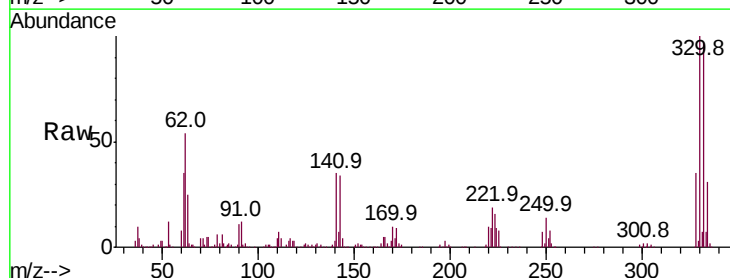
RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

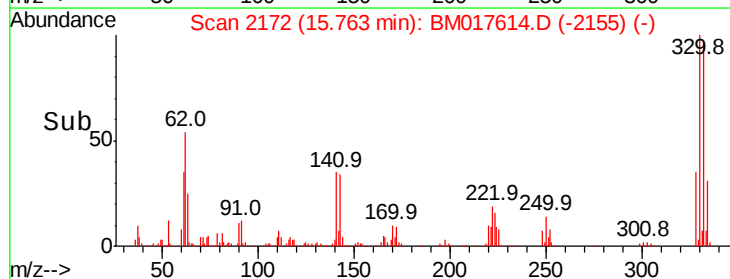
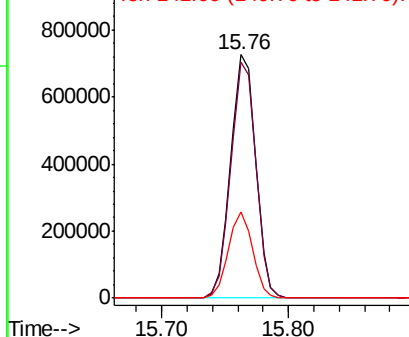
Lab File: BM017614.D

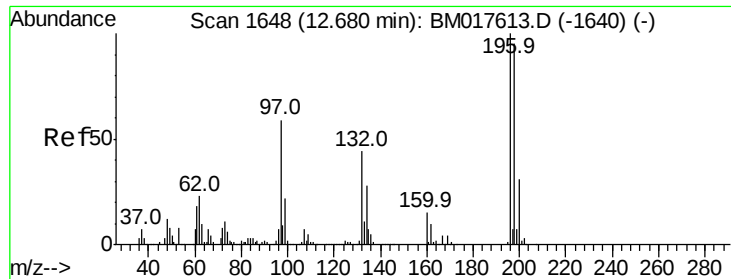
Acq: 12 Nov 2018 15:49

Tgt Ion:	330	Resp:	991640
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.9	116.9
141	34.5	27.5	41.3



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





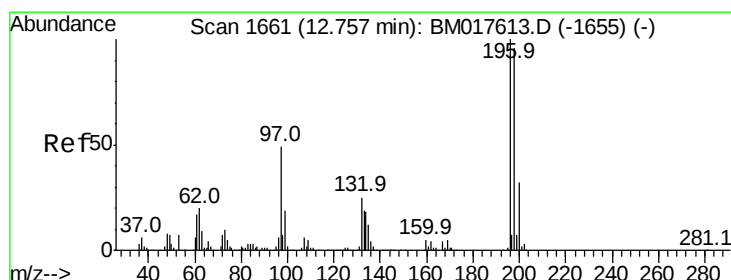
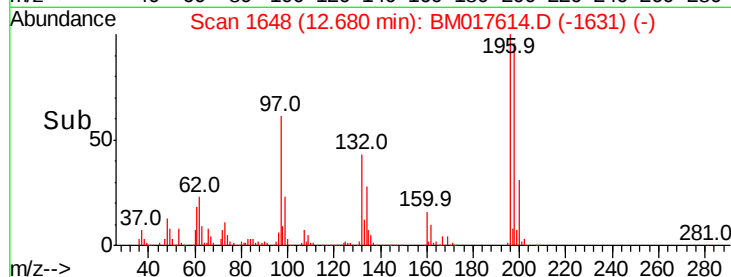
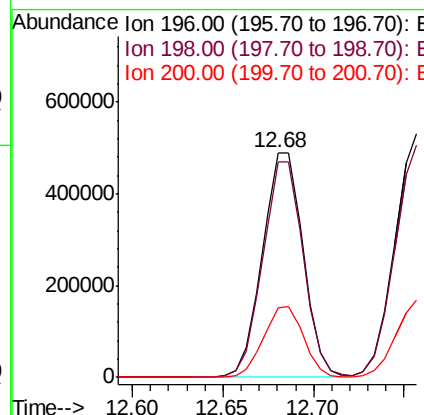
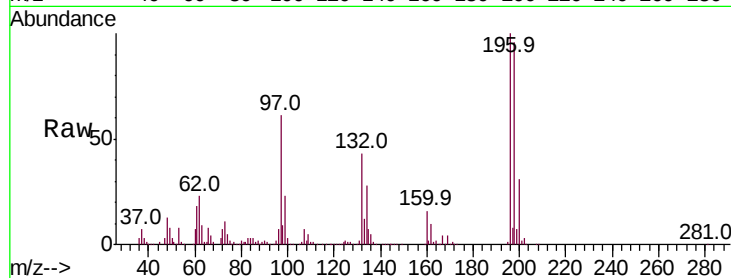
#43
 2,4,6-Trichlorophenol
 Concen: 57.040 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	765195		
198	95.7	75.6	113.4	
200	31.1	24.8	37.2	

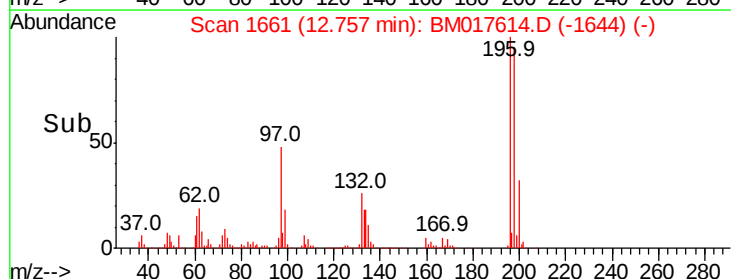
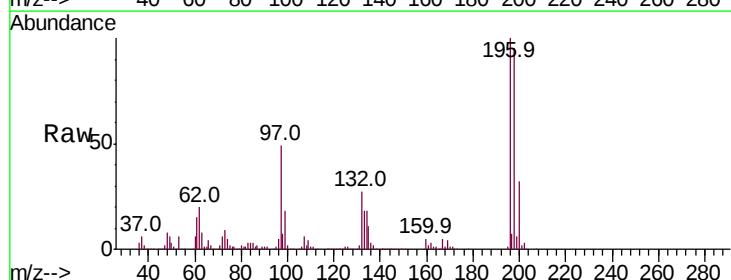
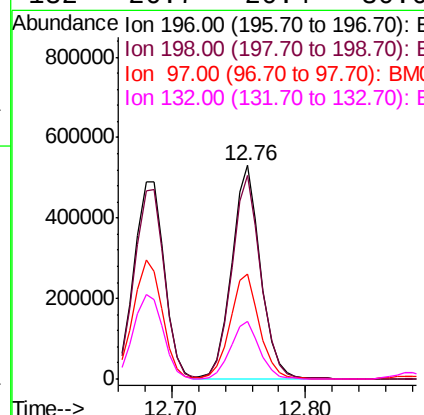
Manual Integrations
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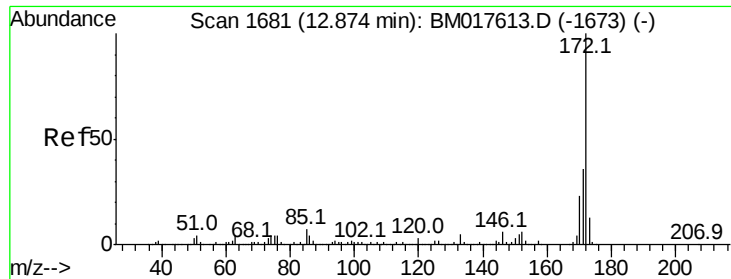
Sohil
 11/13/2018 2:25:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.403 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	796990		
198	95.5	76.8	115.2	
97	49.2	39.0	58.6	
132	26.7	20.4	30.6	





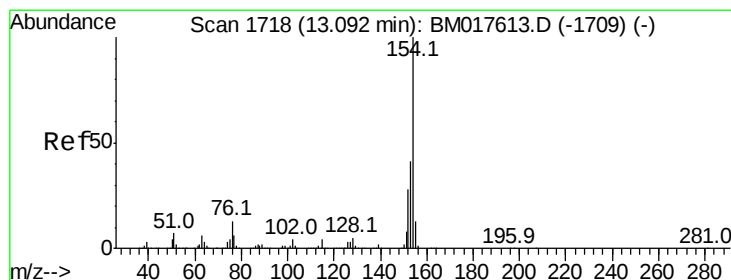
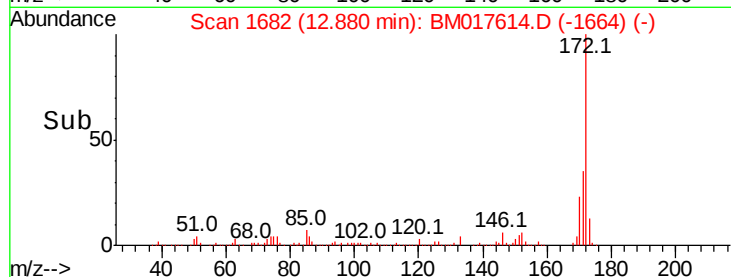
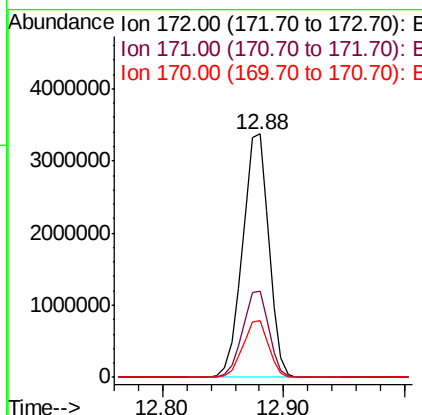
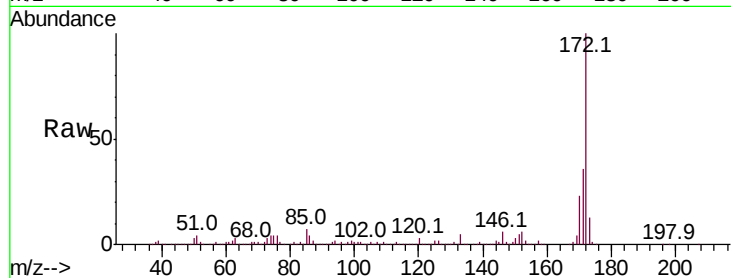
#45
2-Fluorobiphenyl
Concen: 104.044 ng
RT: 12.88 min Scan# 1682
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.2	18.3	27.5

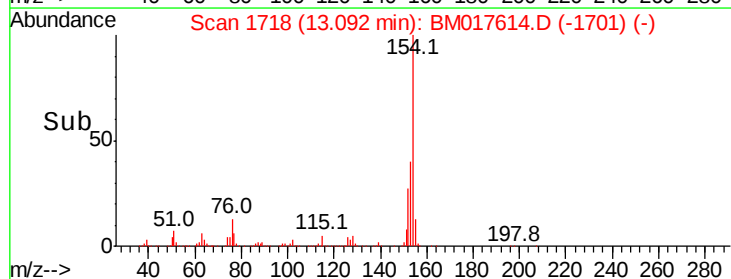
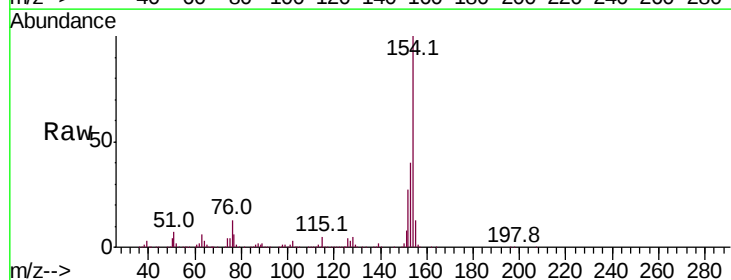
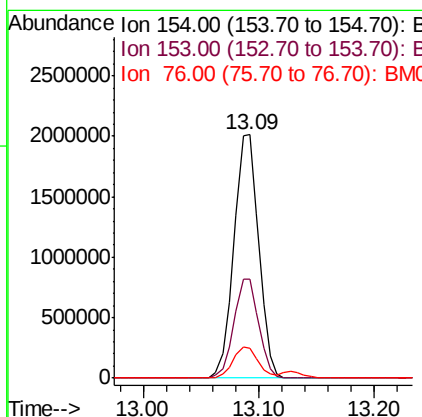
Manual Integrations
APPROVED

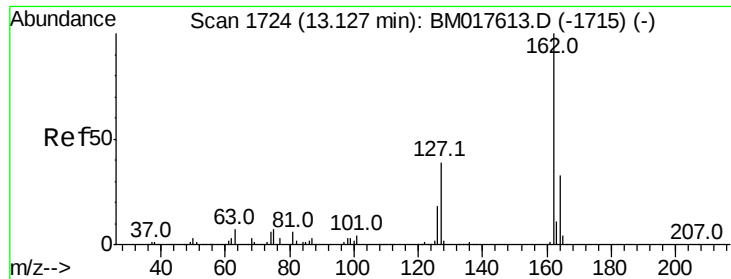
Sohil
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#46
1,1'-Biphenyl
Concen: 50.584 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	12.5	0.0	32.8





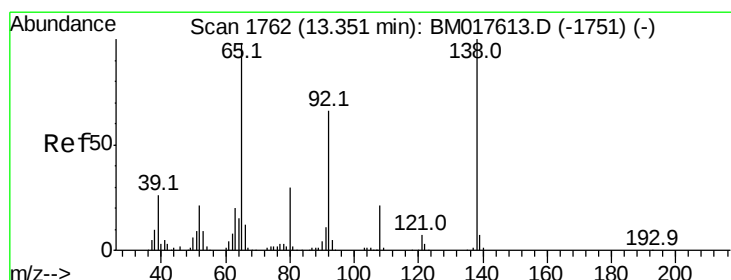
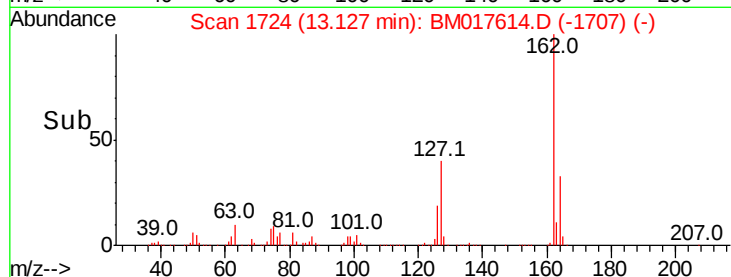
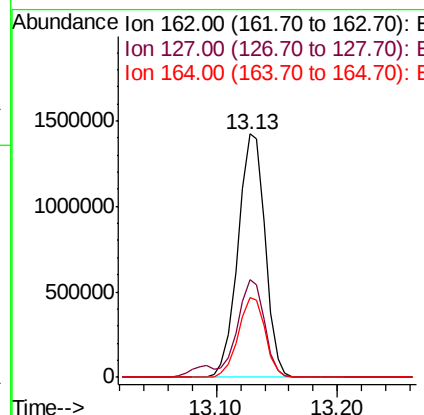
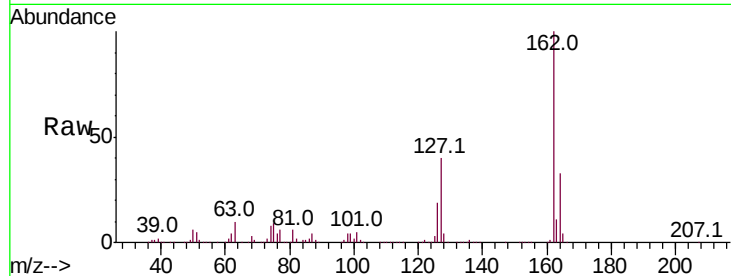
#47
 2-Chloronaphthalene
 Concen: 51.188 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	48.8
164	32.6	26.5	39.7

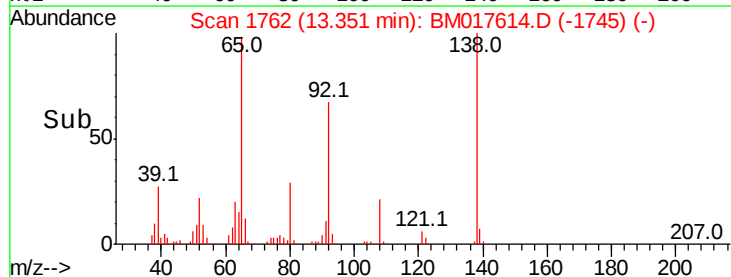
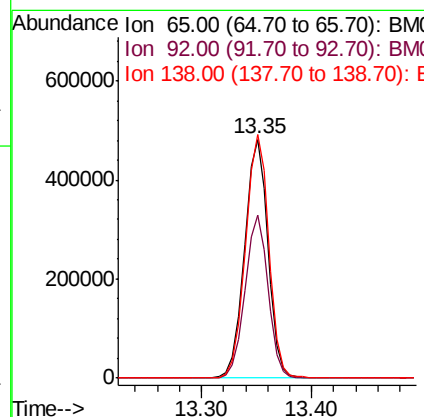
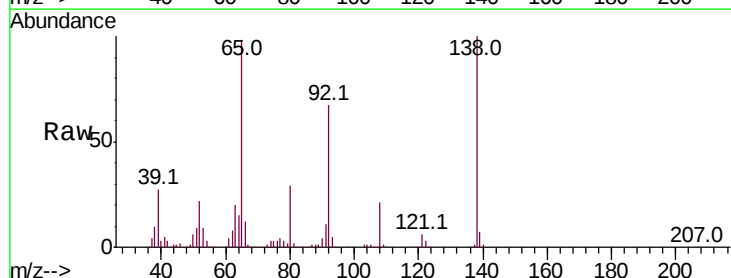
Manual Integrations
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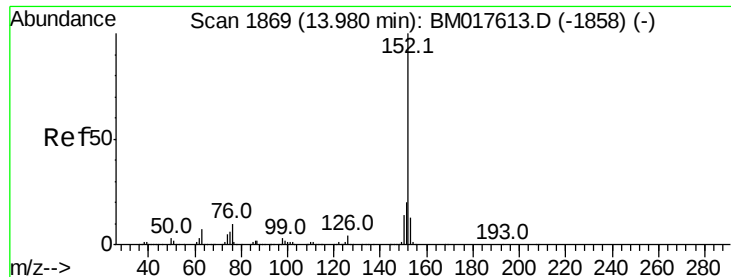
Sohil
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#48
 2-Nitroaniline
 Concen: 64.037 ng
 RT: 13.35 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.7	80.5
138	102.0	81.5	122.3





#49

Acenaphthylene

Concen: 53.531 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

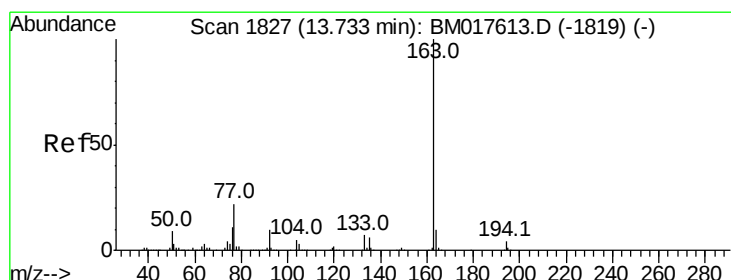
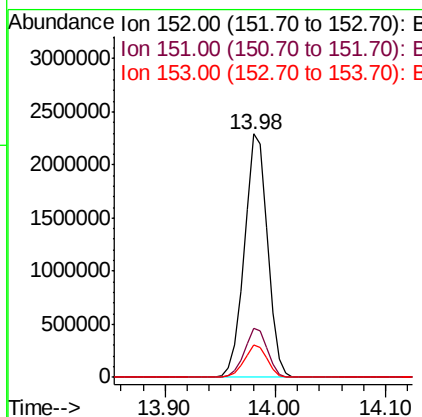
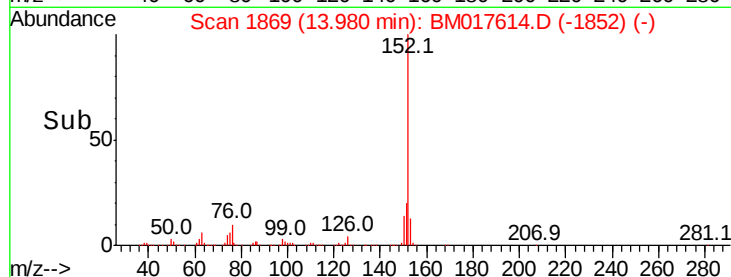
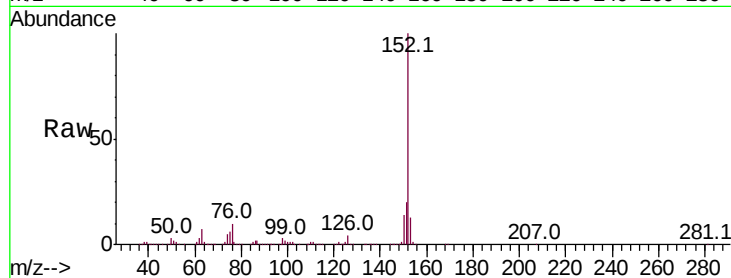
ClientSampleId :

SSTDIC050

Tot Ion:	152	Resp:	3370811
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.1	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.234 ng

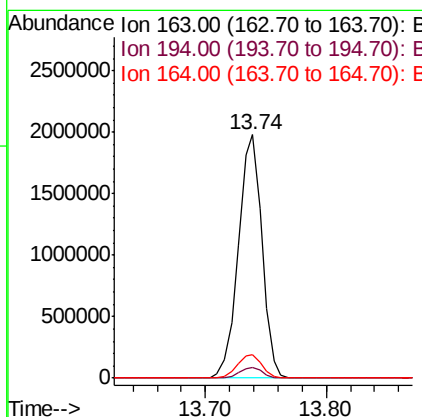
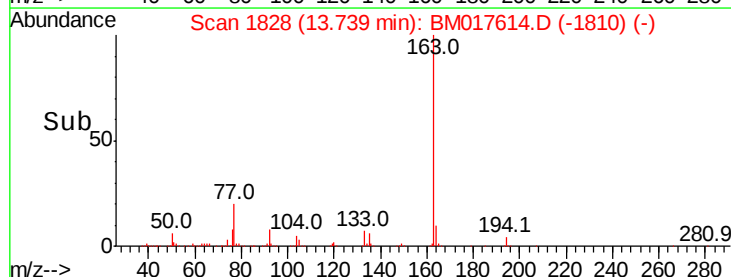
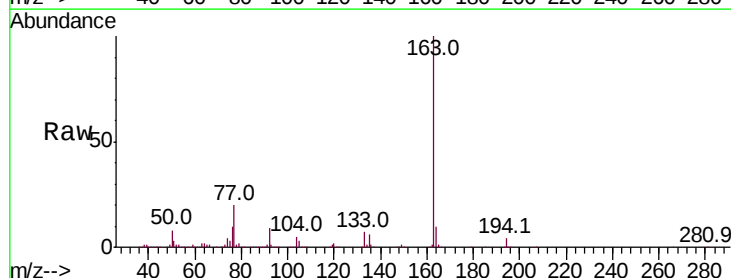
RT: 13.74 min Scan# 1828

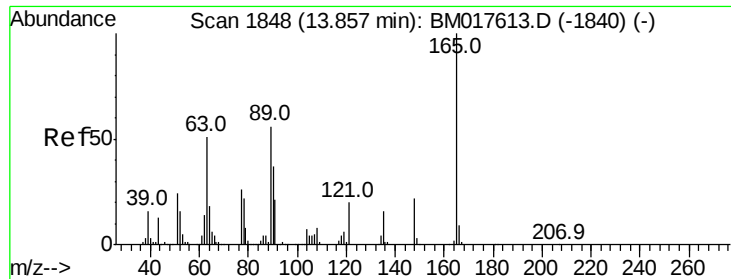
Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	163	Resp:	2695066
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.8	8.2	12.4





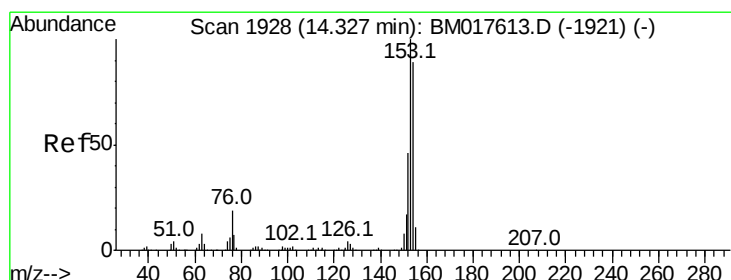
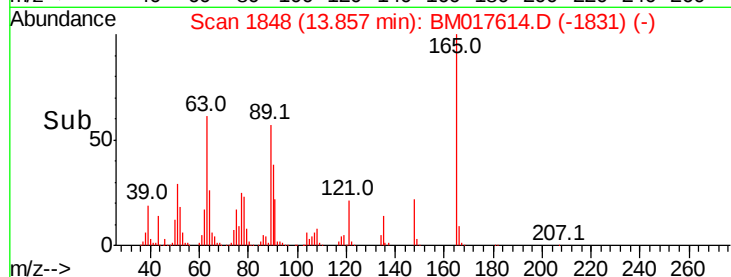
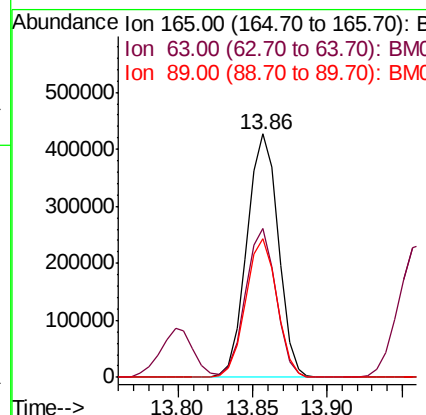
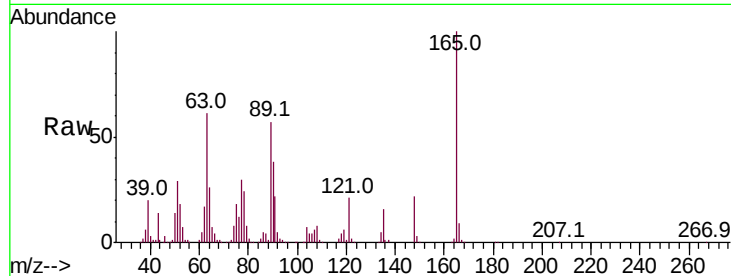
#51
2,6-Dinitrotoluene
Concen: 55.569 ng
RT: 13.86 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	619181		
63	61.2	47.3	70.9	
89	57.0	44.8	67.2	

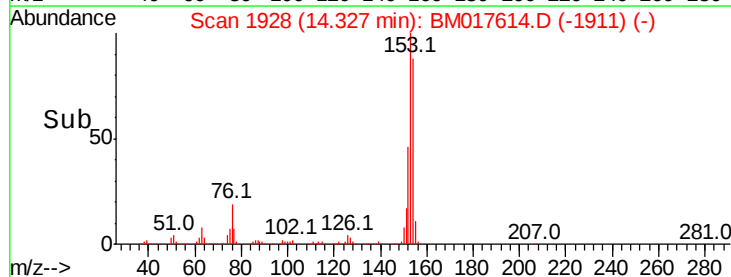
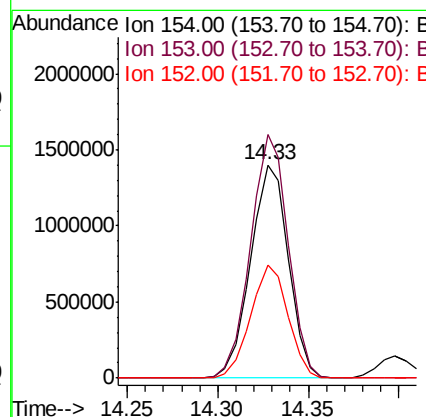
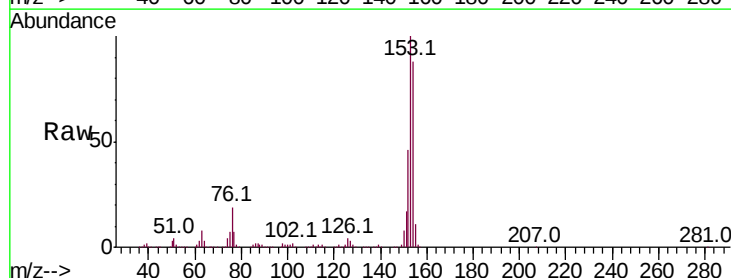
Manual Integrations
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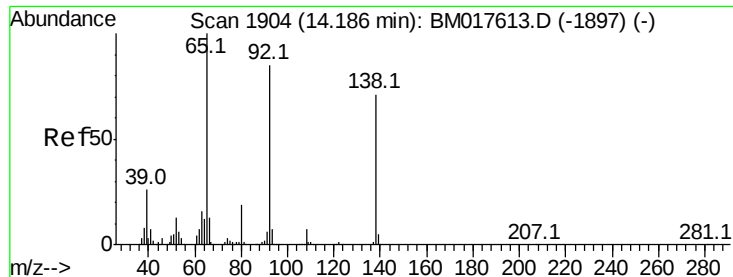
Sohil
11/13/2018 2:25:13 PM



#52
Acenaphthene
Concen: 51.515 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2036736		
153	114.1	90.2	135.4	
152	52.7	41.6	62.4	





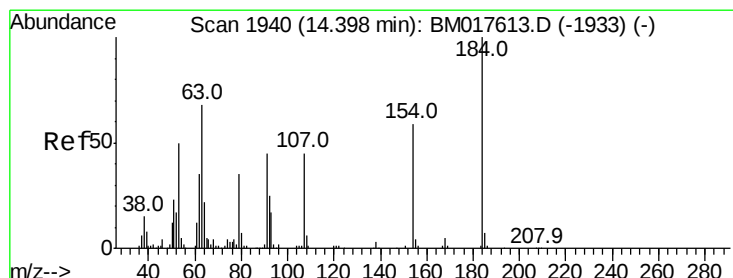
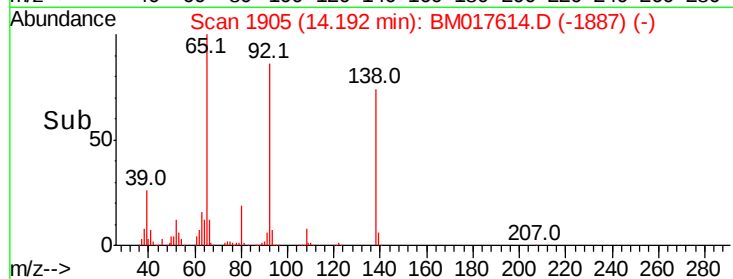
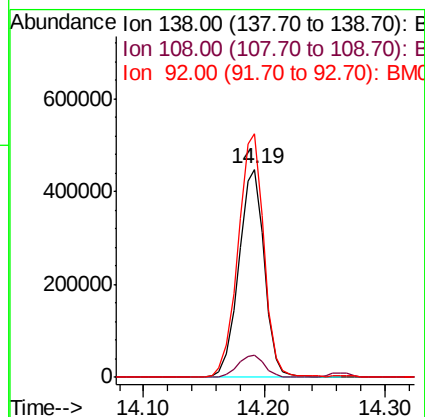
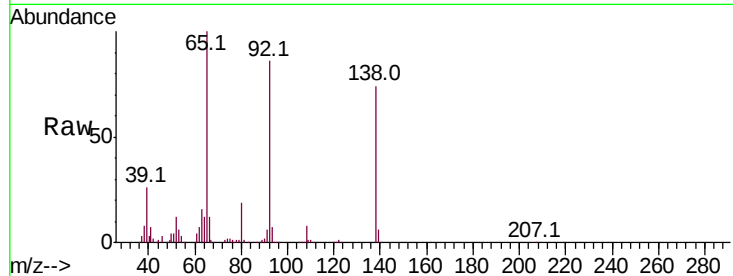
#53
3-Nitroaniline
Concen: 54.978 ng
RT: 14.19 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.2	12.2
92	117.1	95.4	143.2

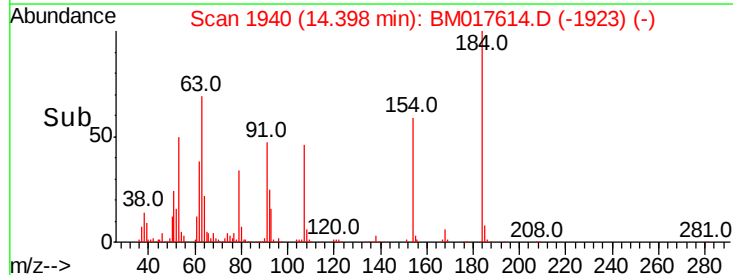
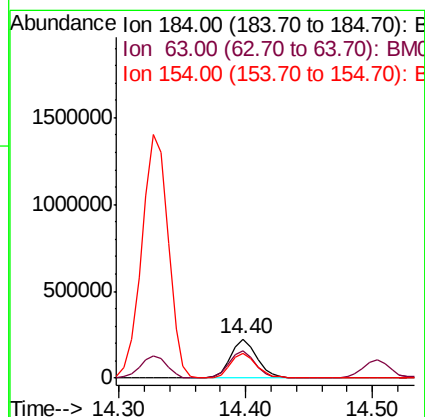
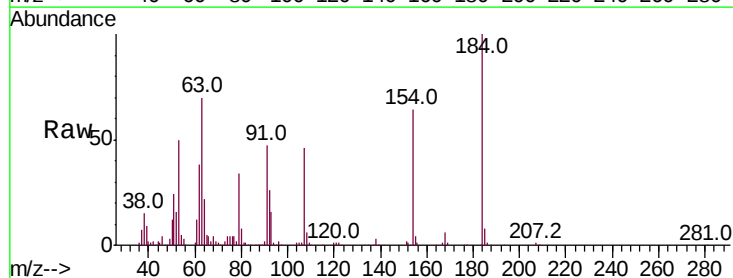
Manual Integrations
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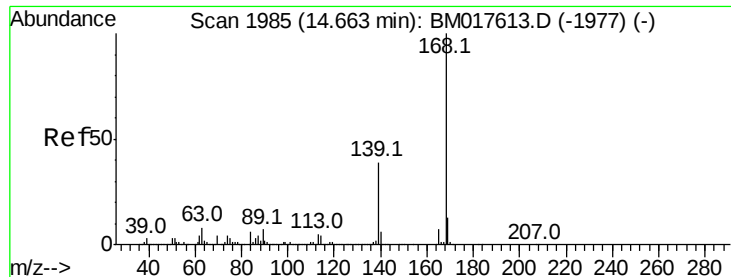
Sohil
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#54
2,4-Dinitrophenol
Concen: 61.055 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	55.1	82.7
154	63.6	51.3	76.9





#55

Dibenzofuran

Concen: 50.474 ng

RT: 14.67 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:168 Resp: 3318567

Ion Ratio Lower Upper

168 100

139 37.3 31.0 46.6

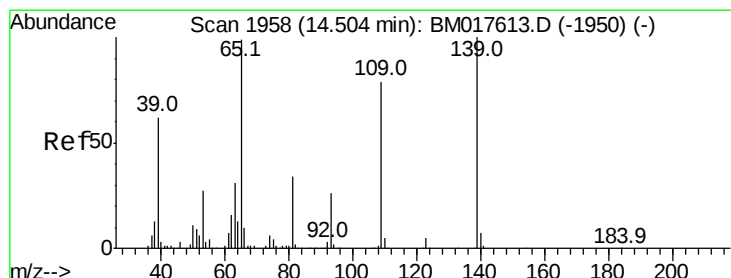
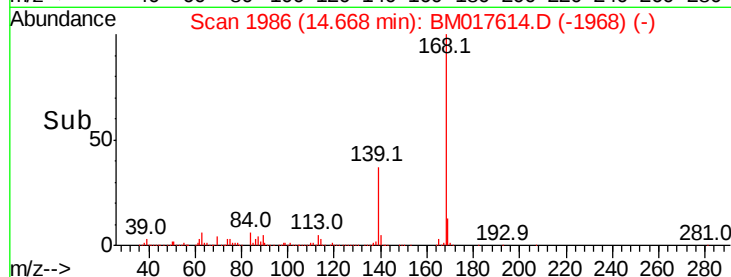
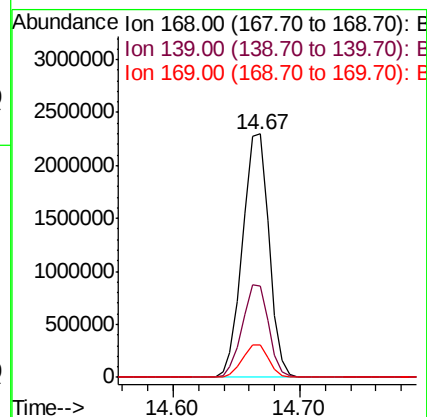
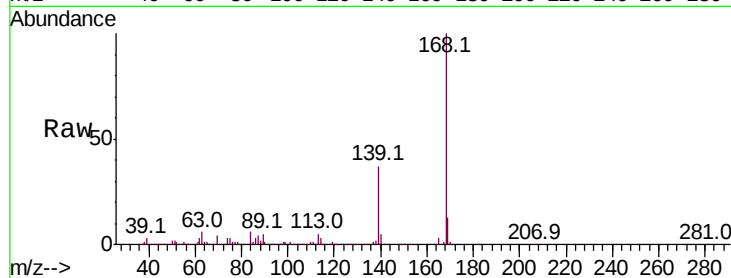
169 13.3 10.6 16.0

Manual Integrations

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#56

4-Nitrophenol

Concen: 52.682 ng

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

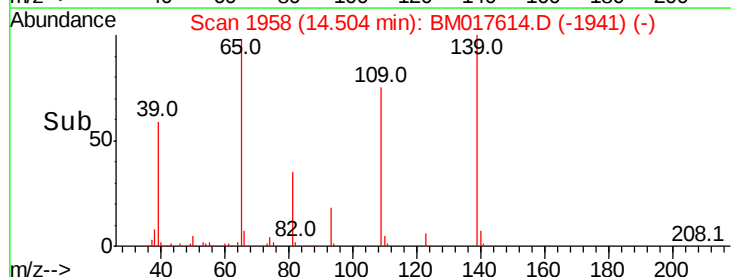
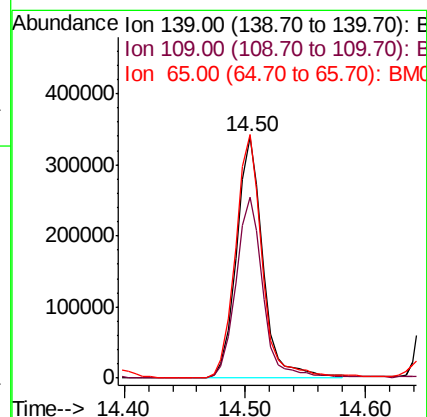
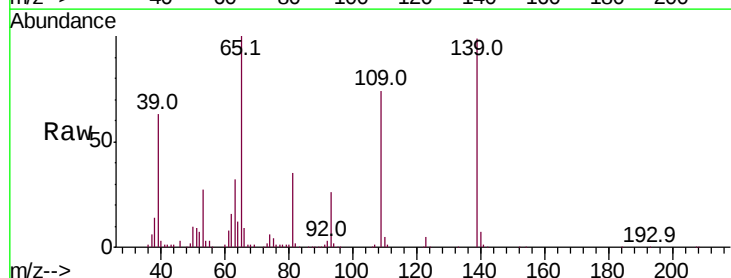
Tgt Ion:139 Resp: 516110

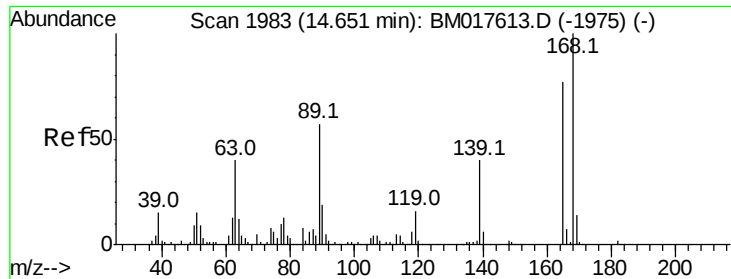
Ion Ratio Lower Upper

139 100

109 74.8 58.6 98.6

65 100.9 79.5 119.5





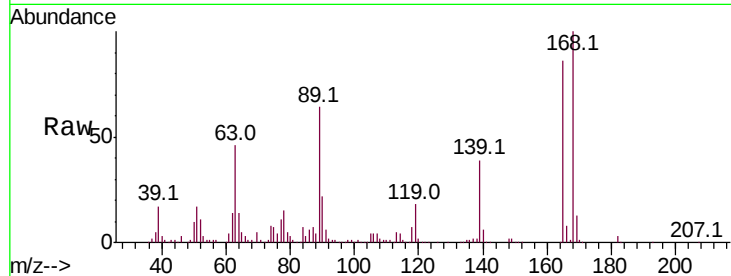
#57
2,4-Dinitrotoluene
Concen: 57.024 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	854005		
63	52.9		41.8	62.8
89	73.6		59.5	89.3
182	2.9		2.3	3.5

Manual Integrations
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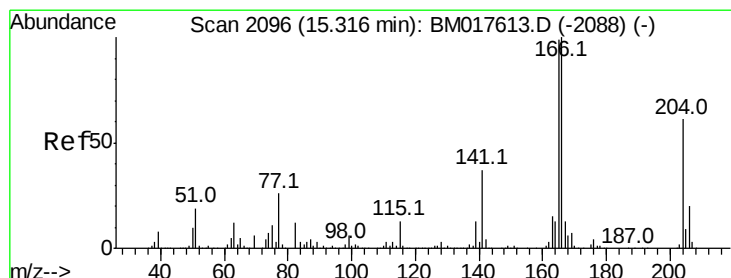
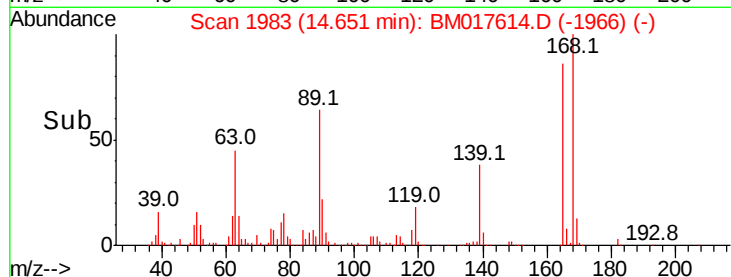
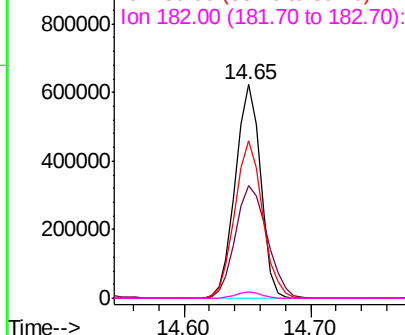
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

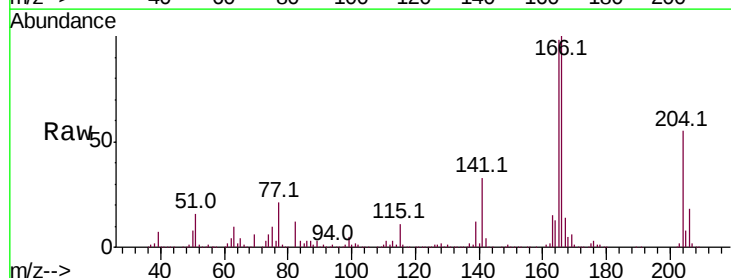
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 52.474 ng
RT: 15.32 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2553666		
165	97.7		79.0	118.6
167	13.7		10.8	16.2

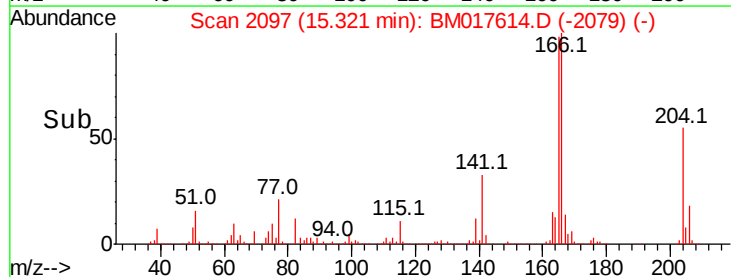
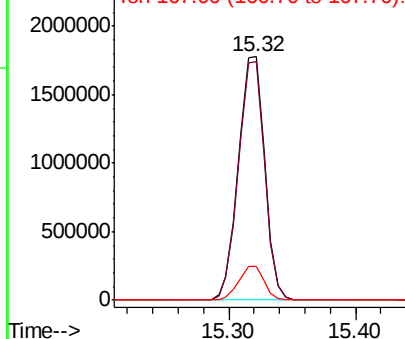


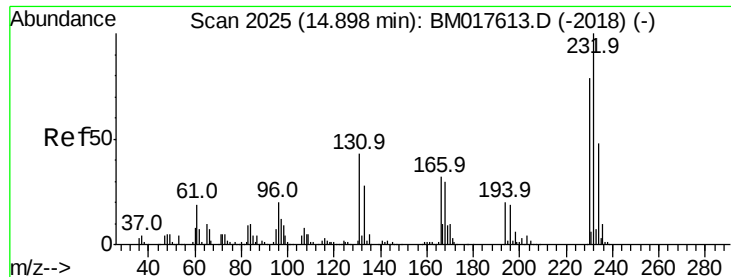
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.866 ng

RT: 14.90 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:232 Resp: 732549
Ion Ratio Lower Upper

232 100

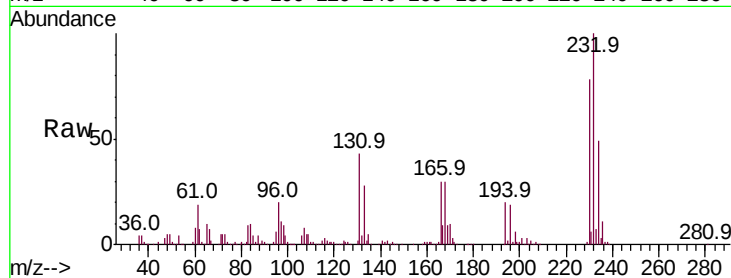
131 43.7 34.8 52.2

130 2.3 1.9 2.9

166 31.0 25.3 37.9

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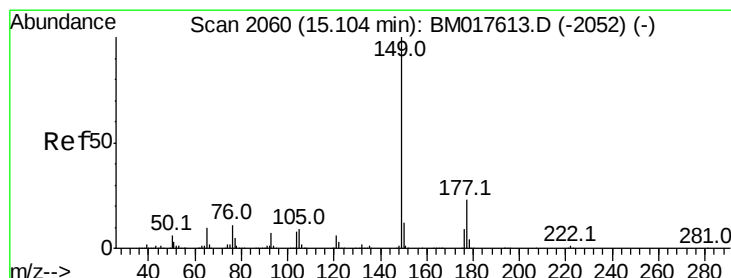
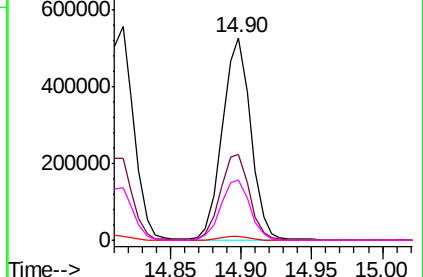
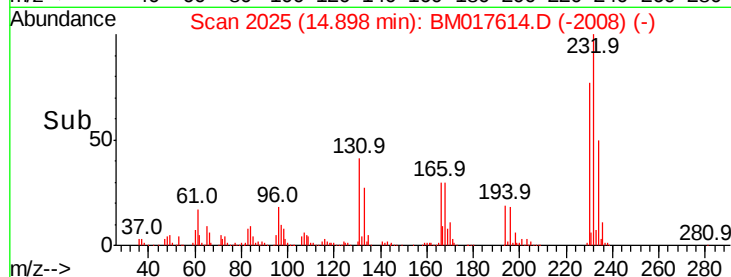
Abundance

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: 56.116 ng

RT: 15.11 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BM017614.D

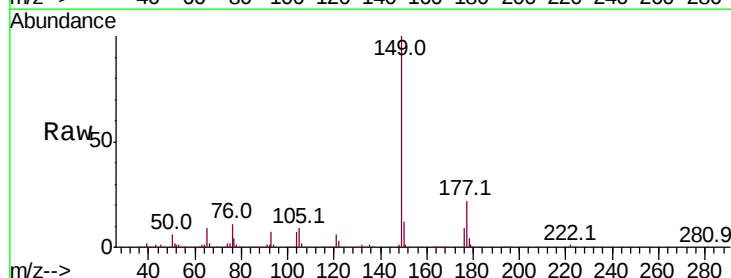
Acq: 12 Nov 2018 15:49

Tgt Ion:149 Resp: 2817400
Ion Ratio Lower Upper

149 100

177 22.2 18.1 27.1

150 12.2 9.9 14.9

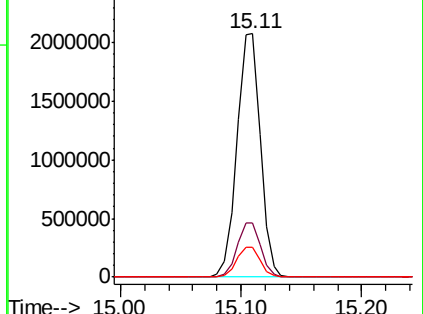
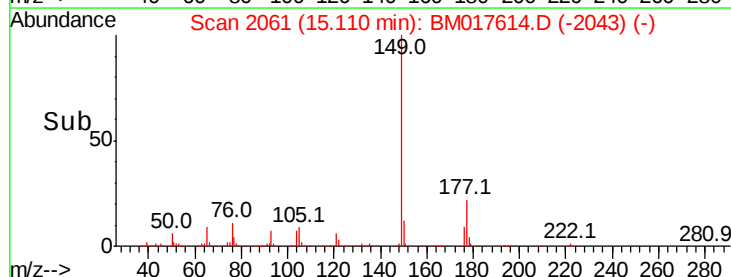


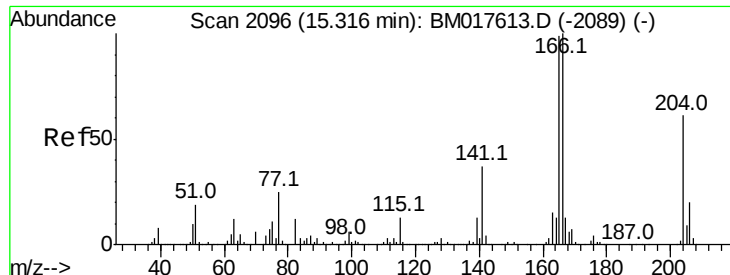
Abundance

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





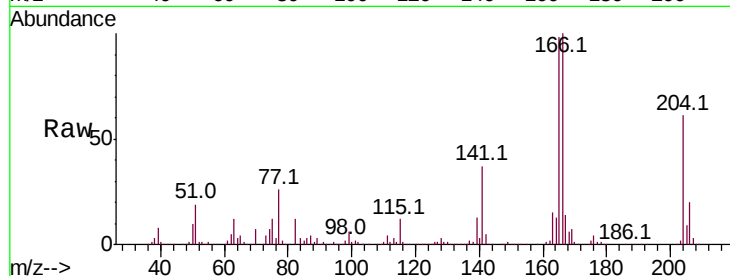
#61
4-Chlorophenyl-phenylether
Concen: 51.845 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

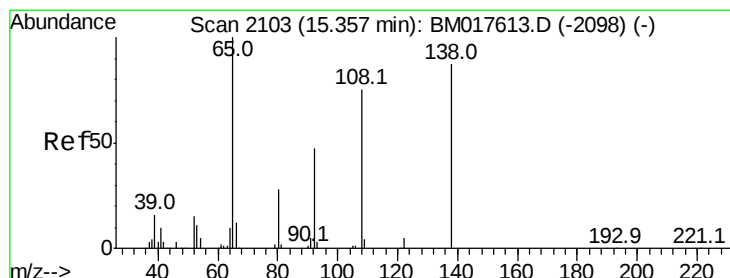
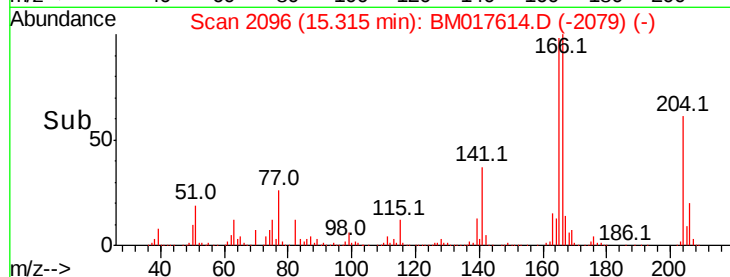
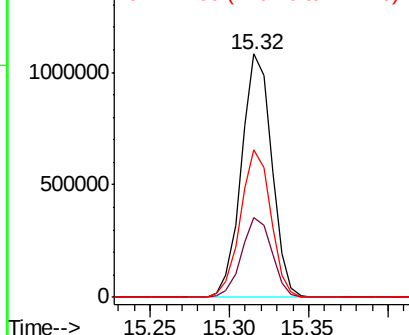
Tot Ion:204 Resp: 1438387
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.6 47.9 71.9

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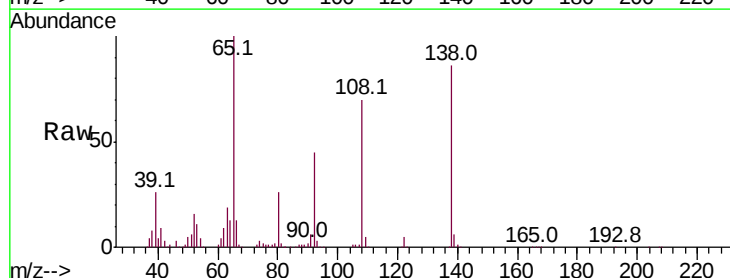


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

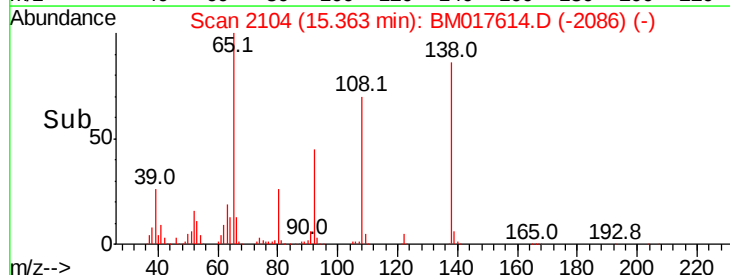
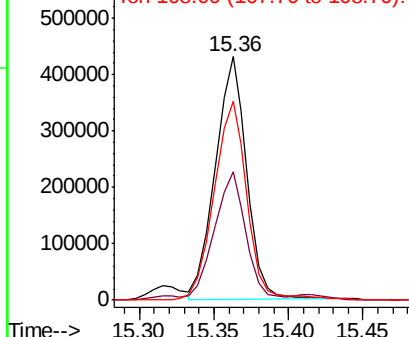


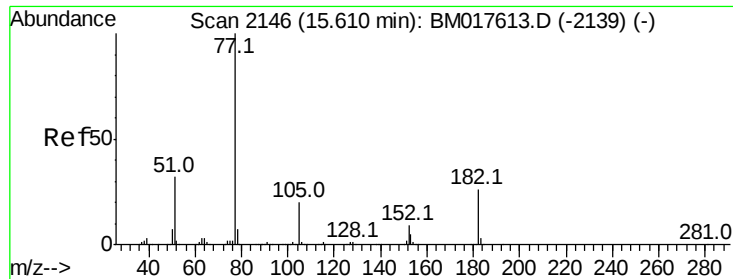
#62
4-Nitroaniline
Concen: 50.679 ng
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion:138 Resp: 633942
Ion Ratio Lower Upper
138 100
92 52.5 33.4 73.4
108 81.6 64.3 104.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





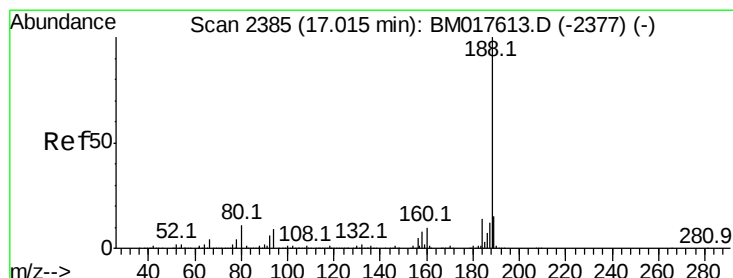
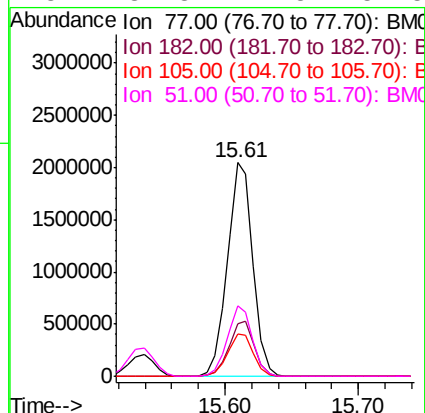
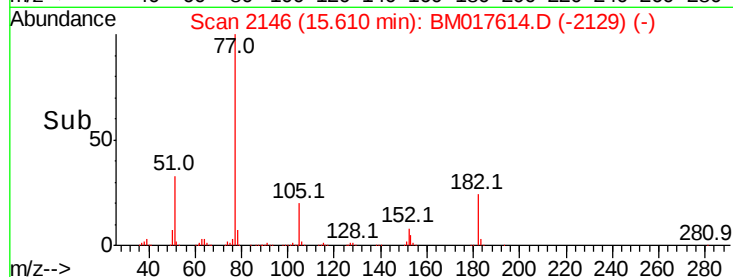
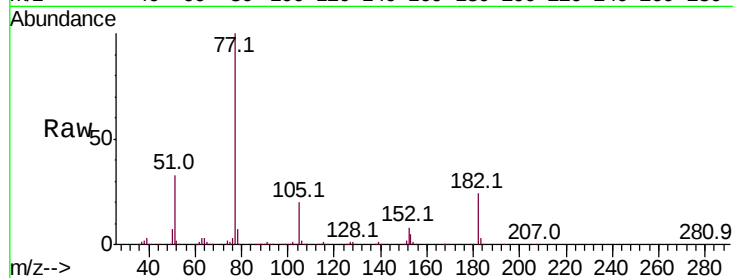
#63
Azobenzene
Concen: 55.871 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	77	Resp	2726511
Ion	Ratio	Lower	Upper
77	100		
182	24.4	5.8	45.8
105	20.0	0.0	40.0
51	32.8	12.5	52.5

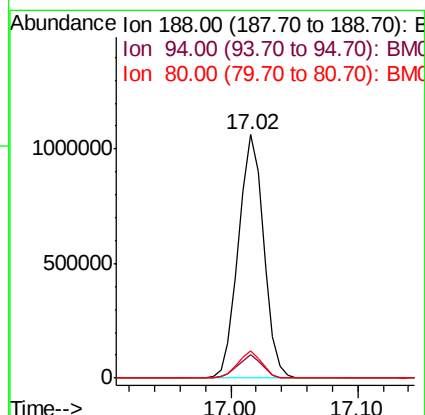
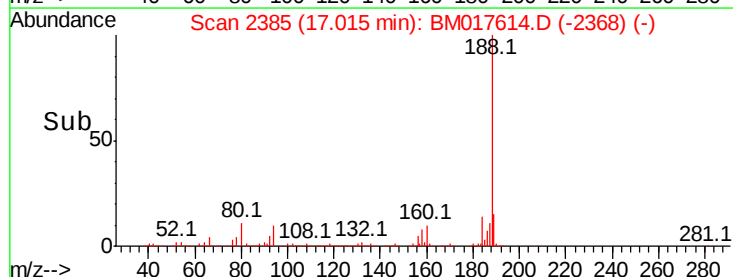
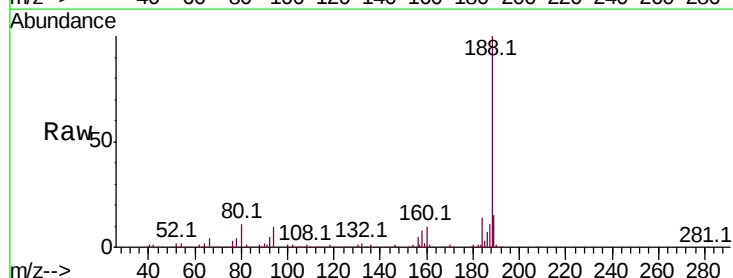
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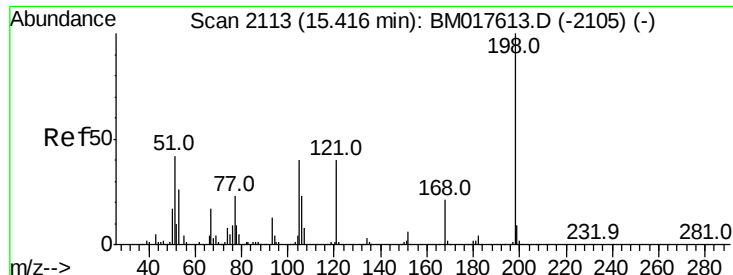
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	188	Resp	1461100
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	11.1	8.6	13.0





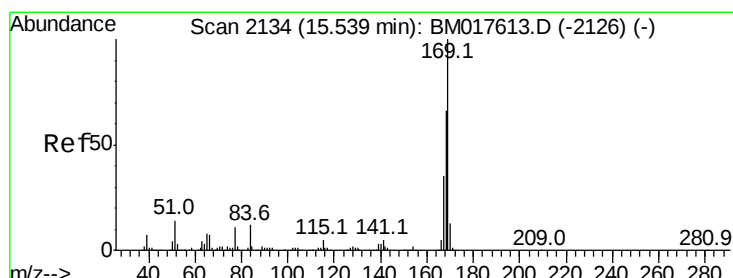
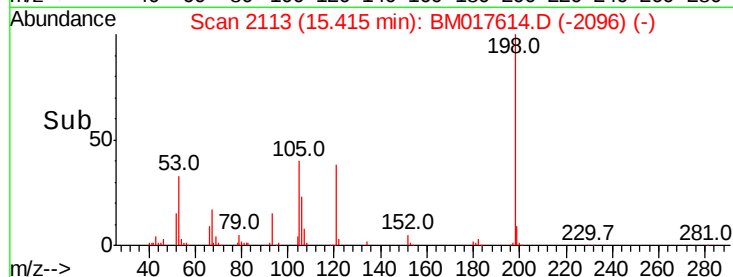
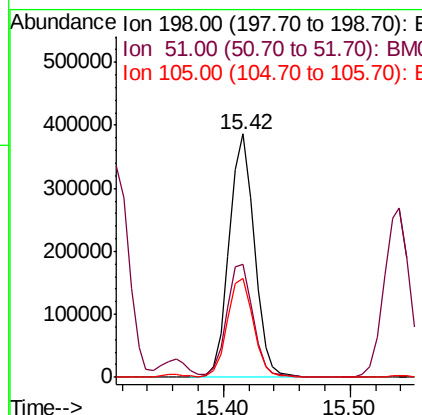
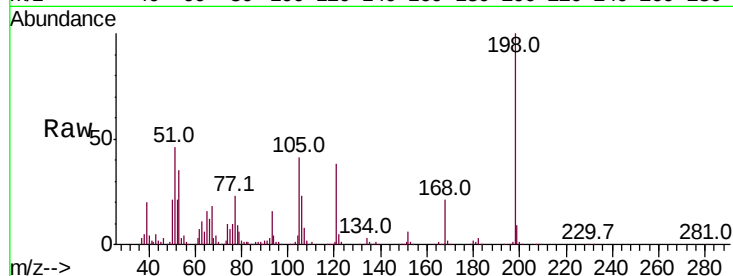
#65
4,6-Dinitro-2-methylphenol
Concen: 62.855 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	531790		
51	46.2	25.9	65.9	
105	40.5	20.6	60.6	

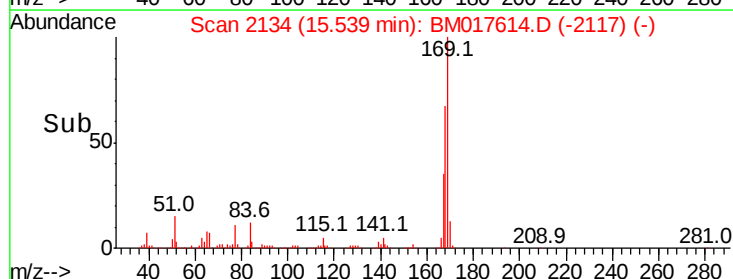
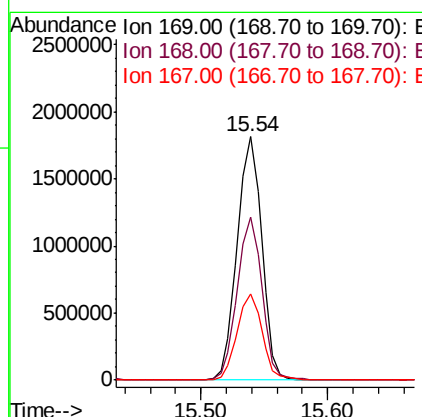
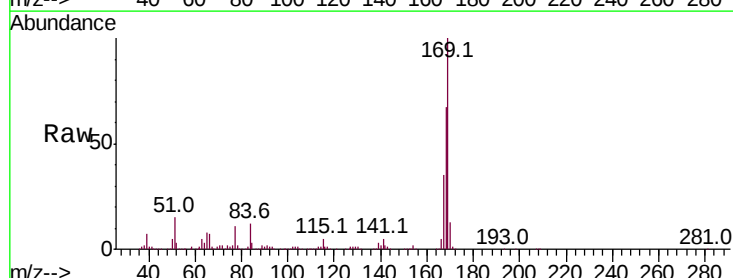
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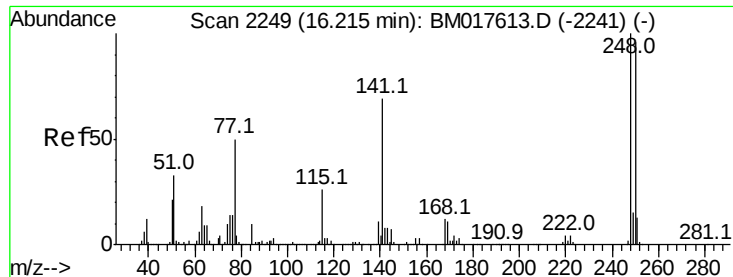
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#66
n-Nitrosodiphenylamine
Concen: 54.955 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2429281		
168	66.9	53.0	79.6	
167	35.3	28.0	42.0	





#67

4-Bromophenyl-phenylether

Concen: 55.692 ng

RT: 16.22 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

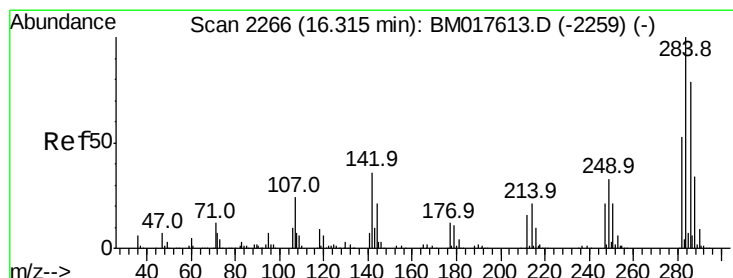
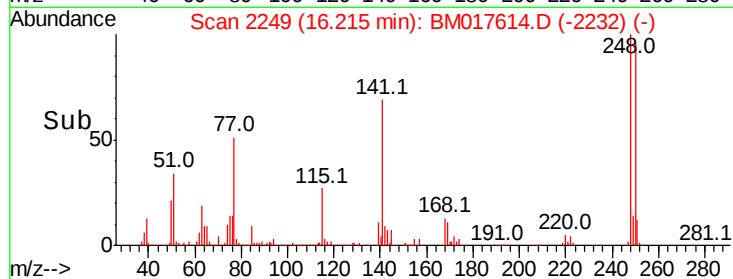
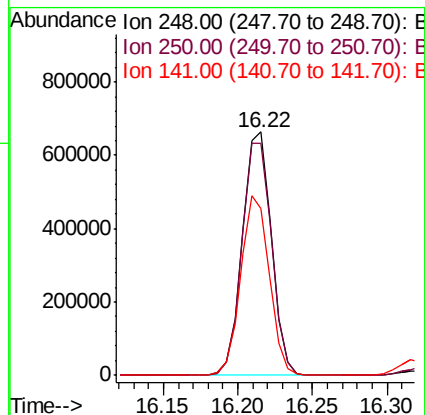
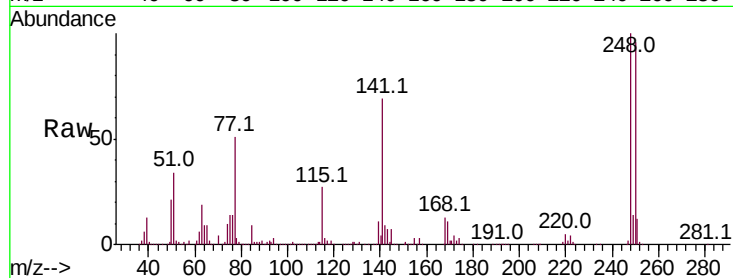
ClientSampleId :

SSTDICC050

Tot Ion:	248	Resp:	893464
Ion Ratio	Lower	Upper	
248	100		
250	95.6	76.5	114.7
141	68.6	54.9	82.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 53.110 ng

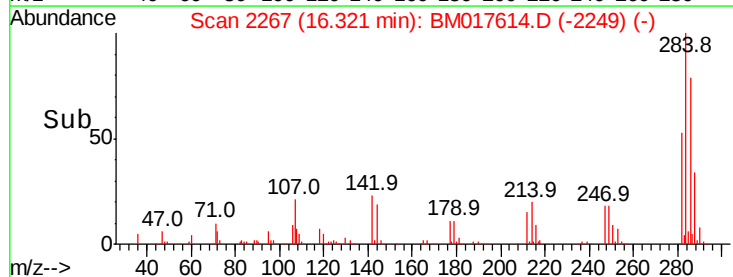
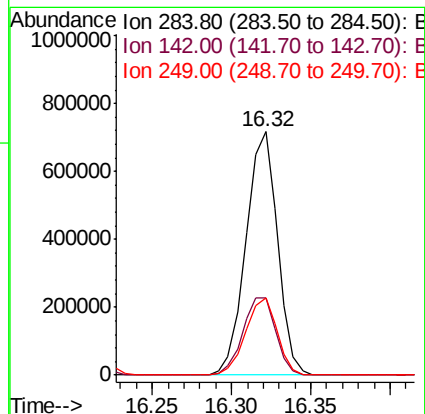
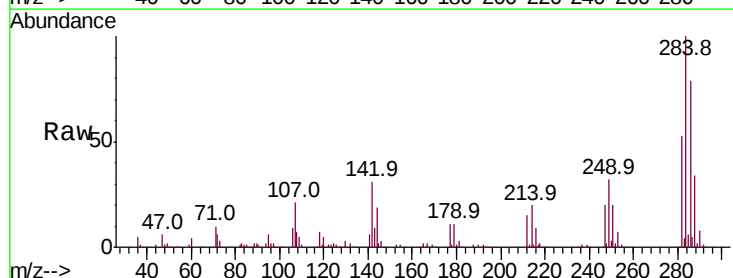
RT: 16.32 min Scan# 2267

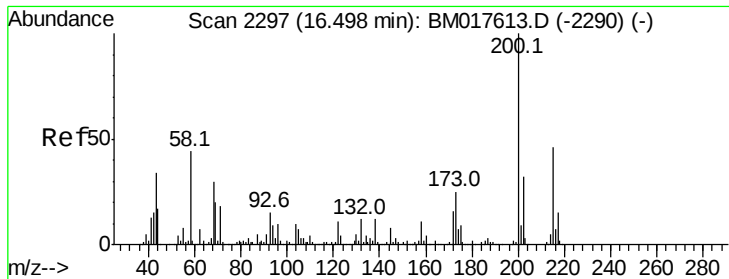
Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	284	Resp:	989743
Ion Ratio	Lower	Upper	
284	100		
142	31.5	28.4	42.6
249	31.6	26.4	39.6





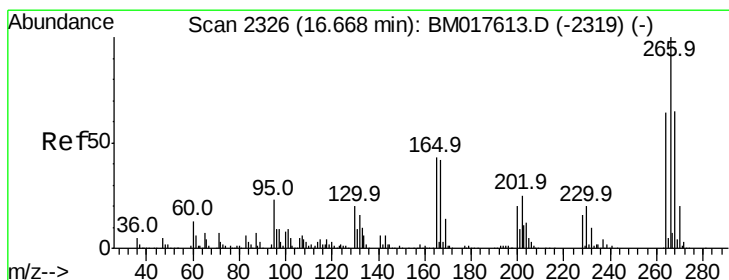
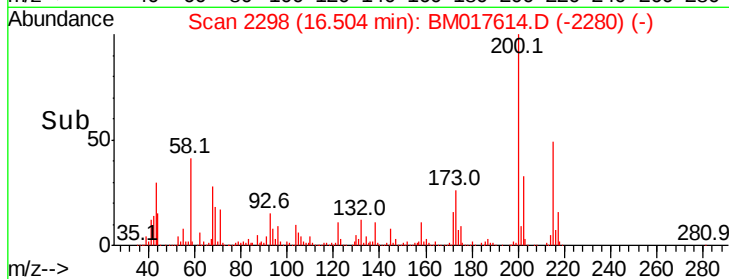
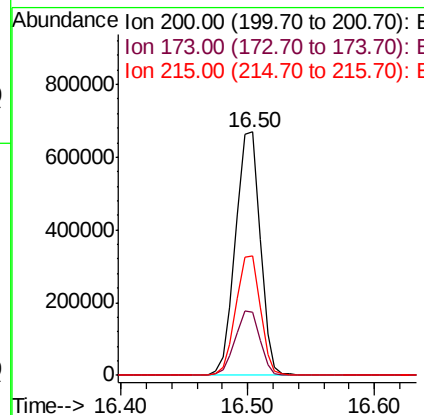
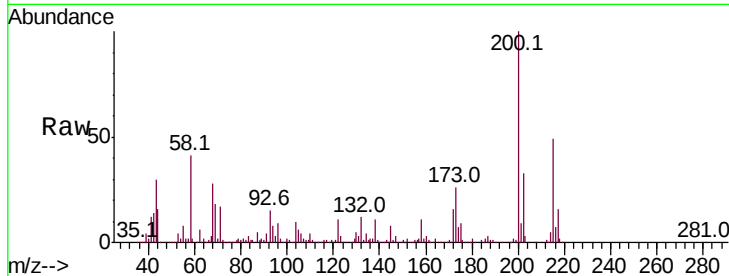
#69
Atrazine
Concen: 56.978 ng
RT: 16.50 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.1	45.1
215	49.3	25.8	65.8

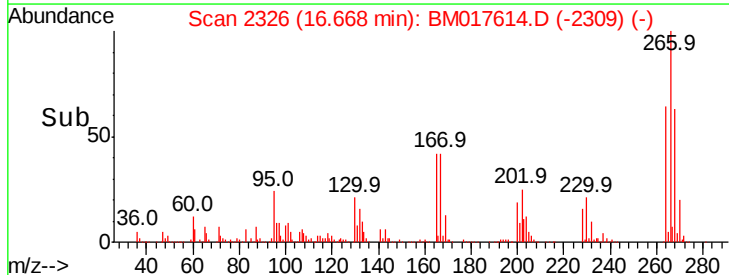
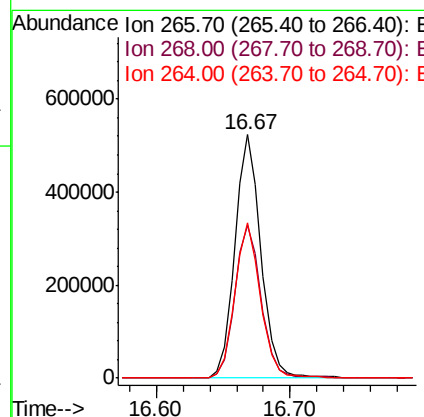
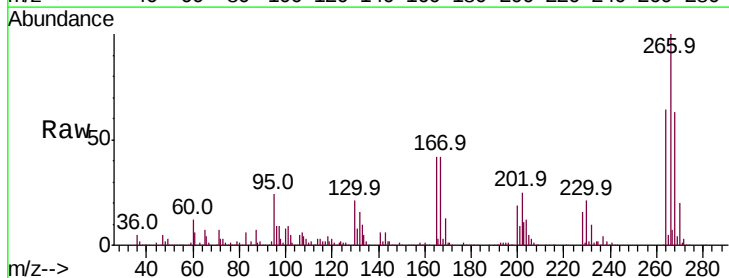
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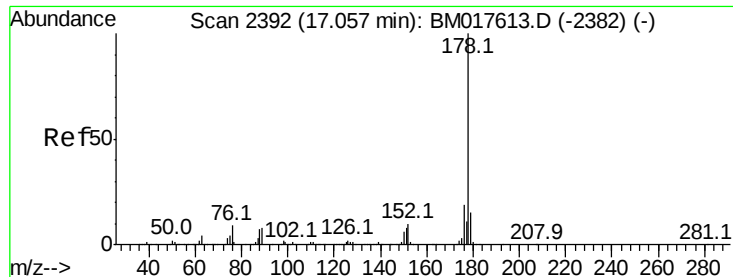
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#70
Pentachlorophenol
Concen: 55.926 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.7	77.5
264	63.6	51.3	76.9





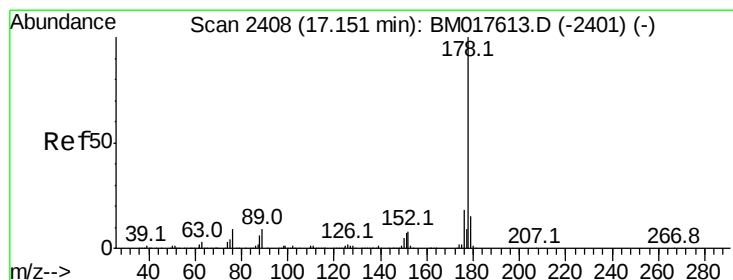
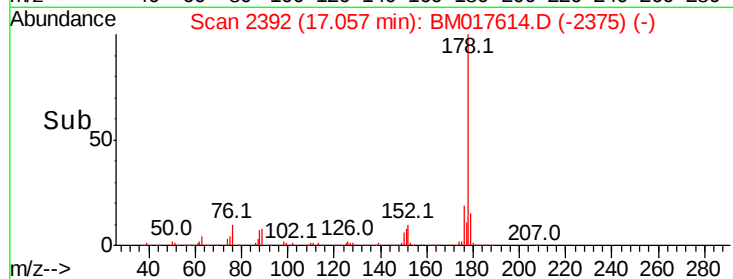
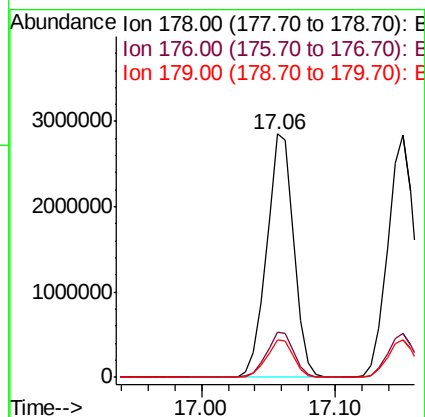
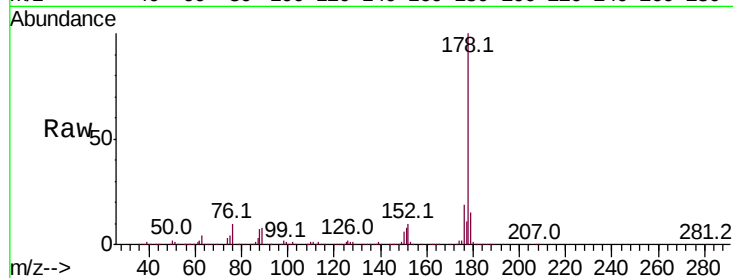
#71
Phenanthrene
Concen: 50.769 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.4	18.6

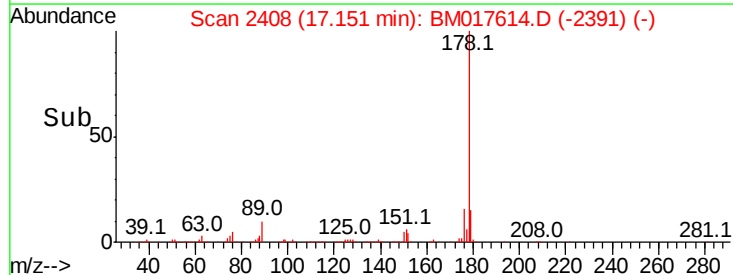
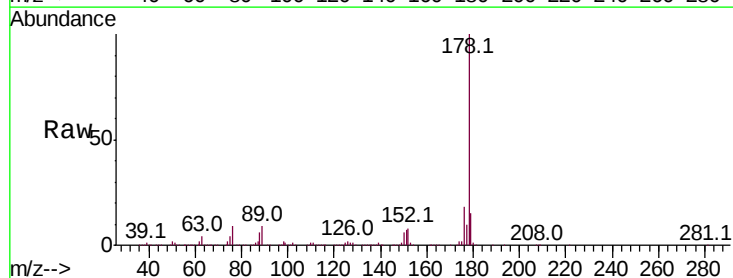
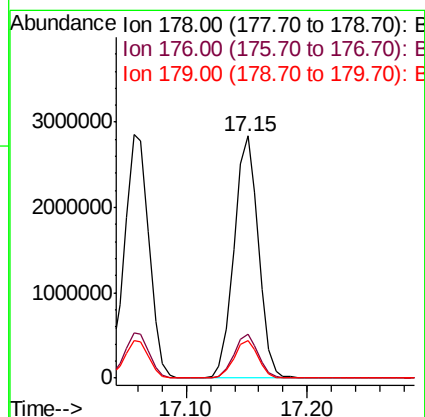
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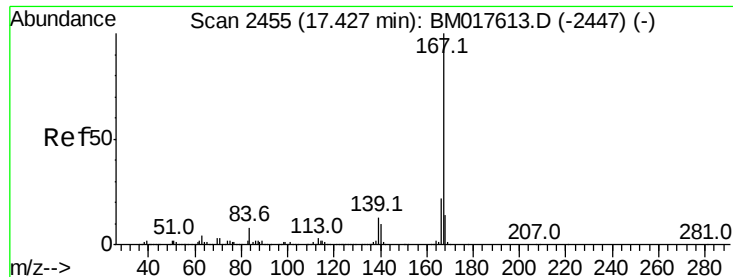
Sohil
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#72
Anthracene
Concen: 53.035 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	15.5	12.3	18.5





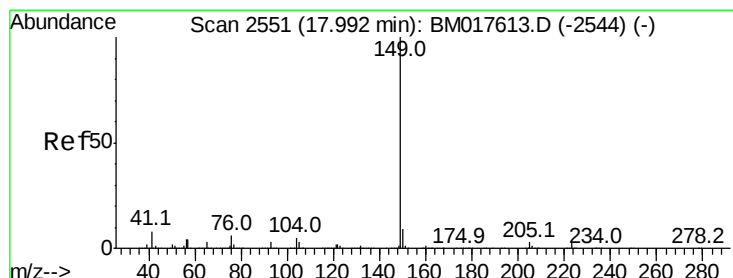
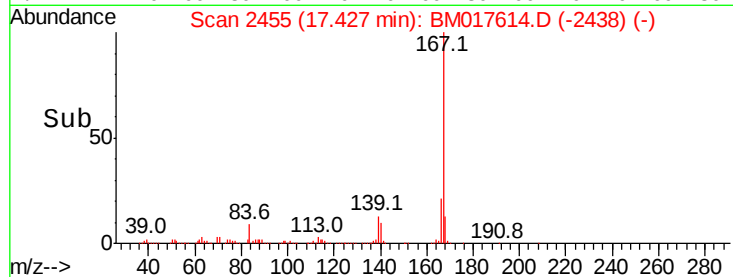
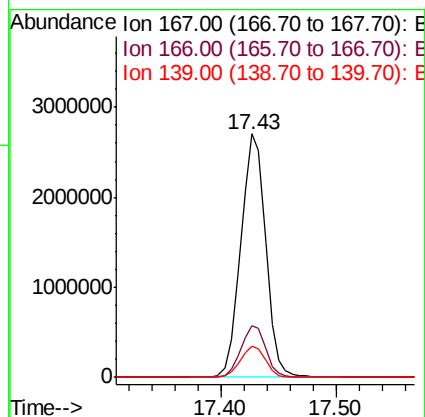
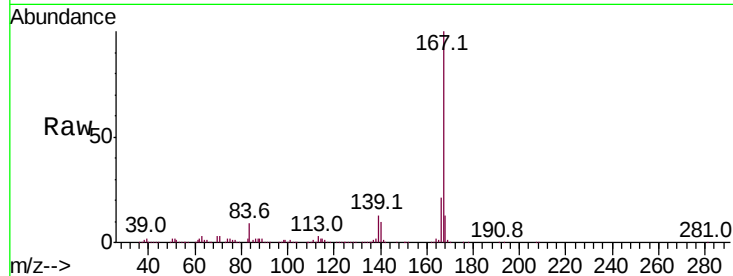
#73
 Carbazole
 Concen: 52.744 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.9	10.2	15.4

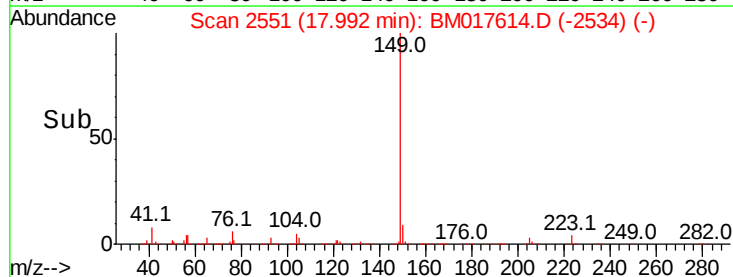
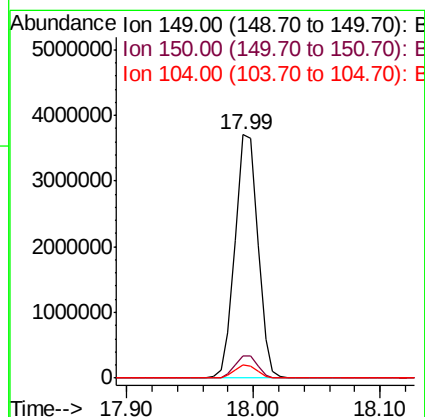
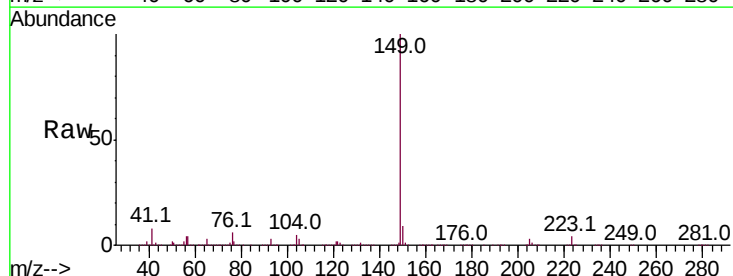
Manual Integrations
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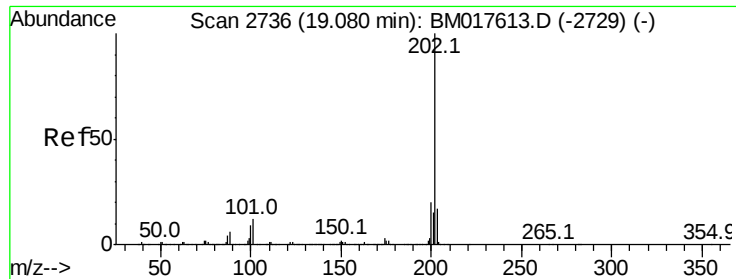
Sohil
 11/13/2018 2:25:13 PM



#74
 Di-n-butylphthalate
 Concen: 57.097 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 51.330 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

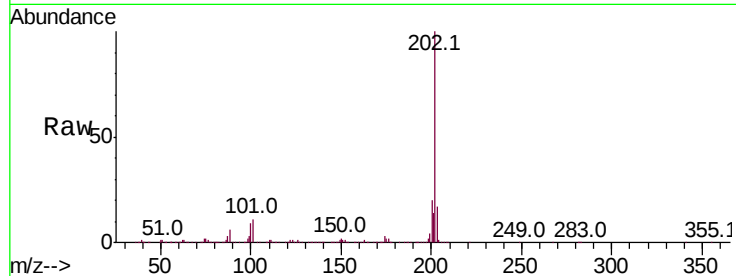
ClientSampleId :

SSTDIC050

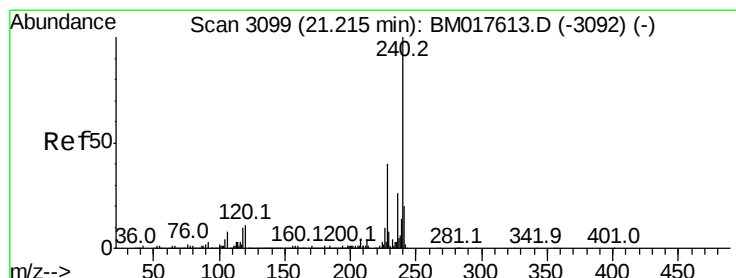
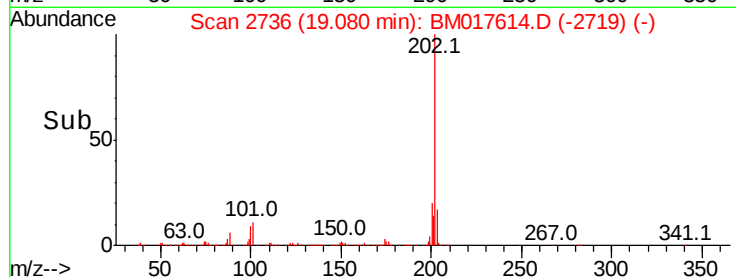
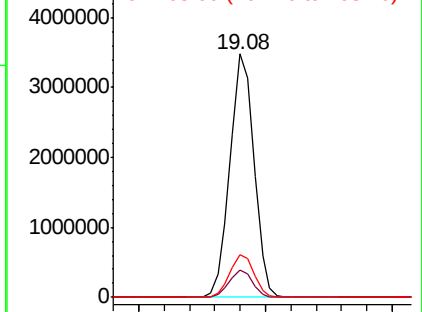
Tot Ion:	202	Resp:	4553241
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	17.4	0.0	37.2

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



#76

Chrysene-d12

Concen: 20.000 ng

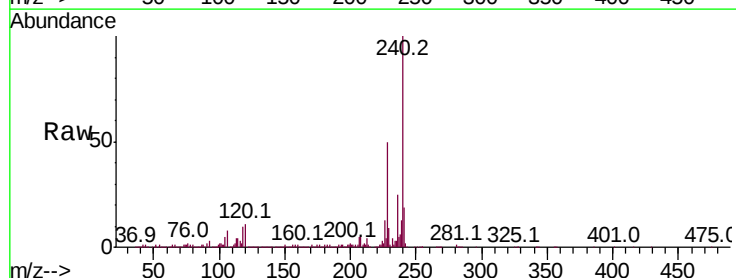
RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

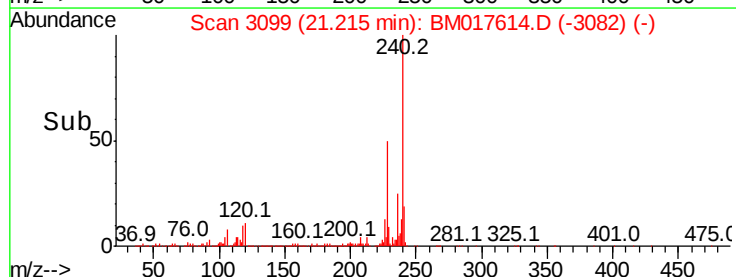
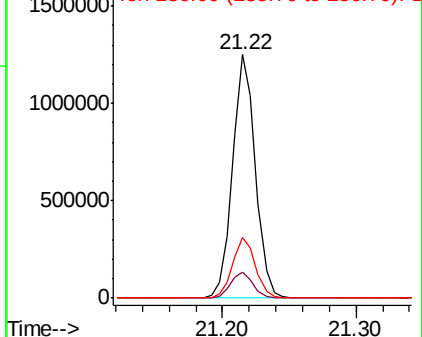
Lab File: BM017614.D

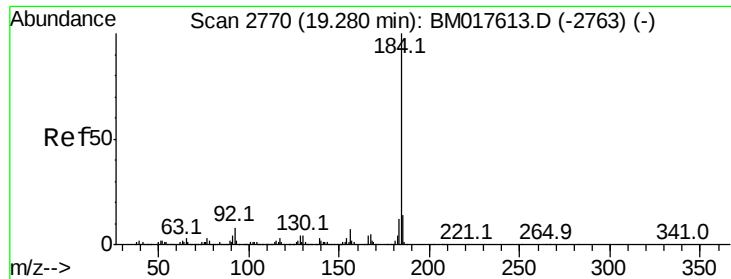
Acq: 12 Nov 2018 15:49

Tgt Ion:	240	Resp:	1489718
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.5	12.7
236	25.0	20.4	30.6



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





#77

Benzidine

Concen: 66.292 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Tot Ion:184 Resp: 2504115

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

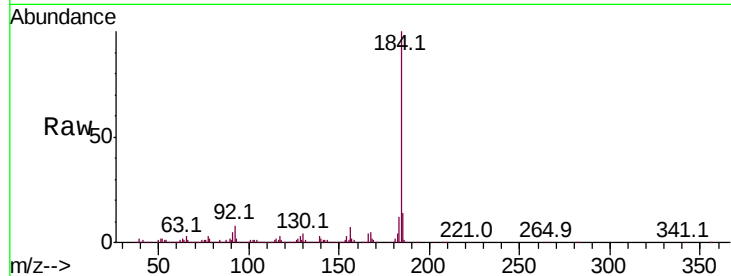
183 11.9 9.5 14.3

Manual Integrations

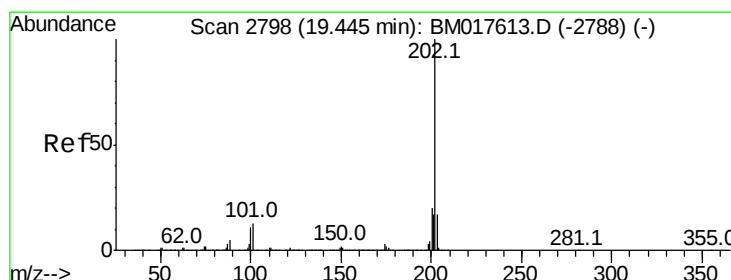
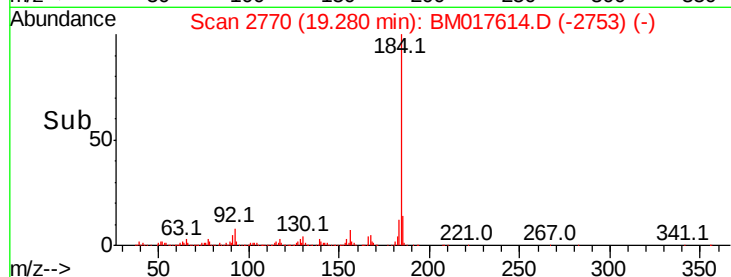
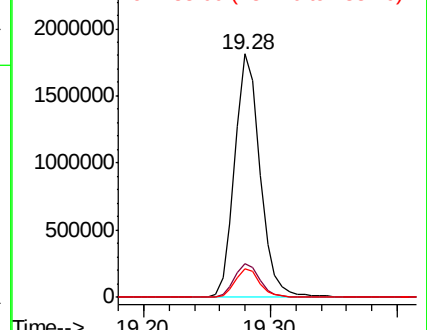
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Abundance Ion 184.00 (183.70 to 184.70): E
2500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.238 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

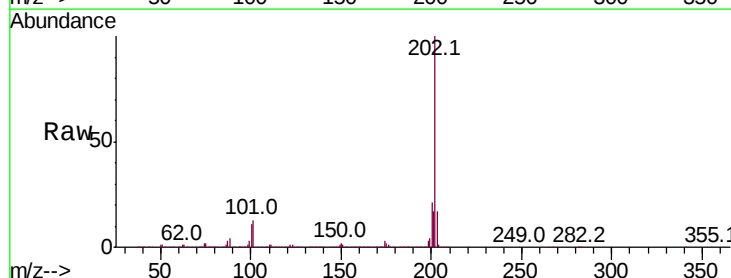
Tgt Ion:202 Resp: 4765673

Ion Ratio Lower Upper

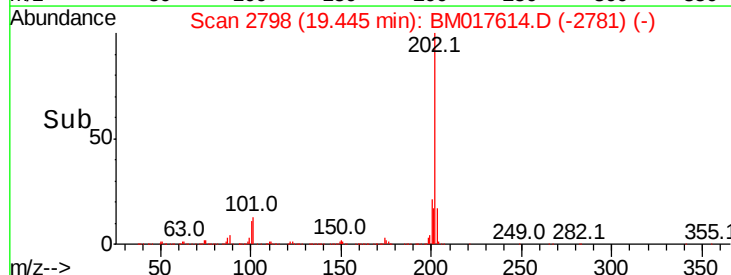
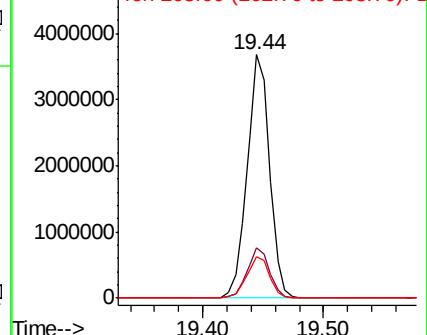
202 100

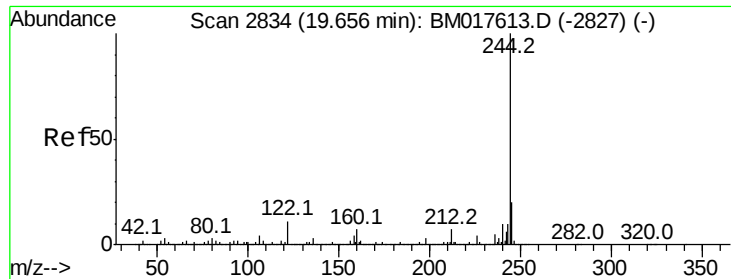
200 20.6 16.4 24.6

203 17.2 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 102.825 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

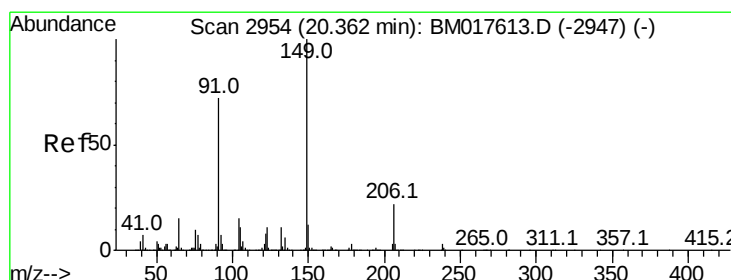
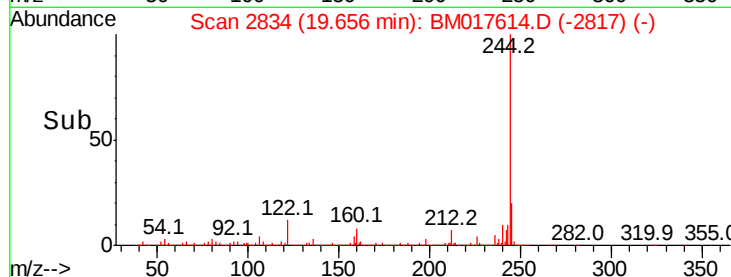
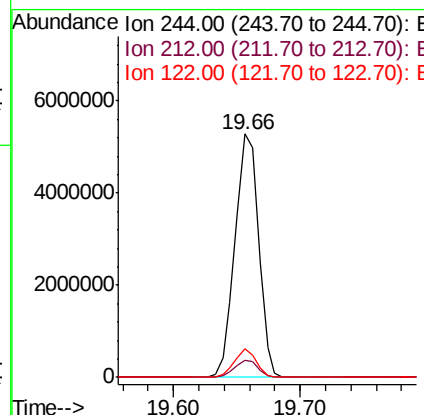
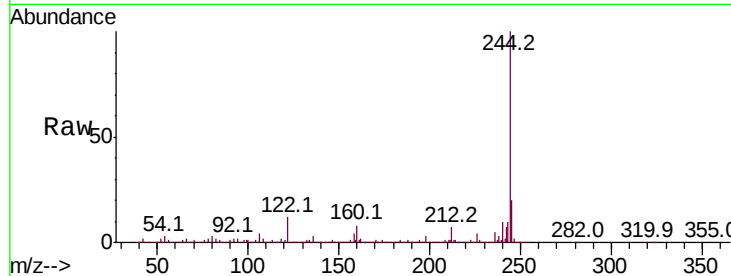
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Tot Ion:244 Resp: 6795929

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.6	9.0	13.6

Manual Integrations
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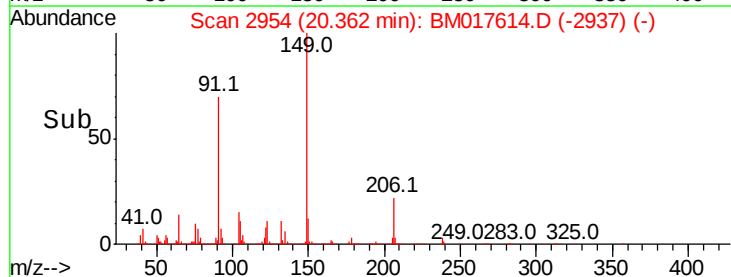
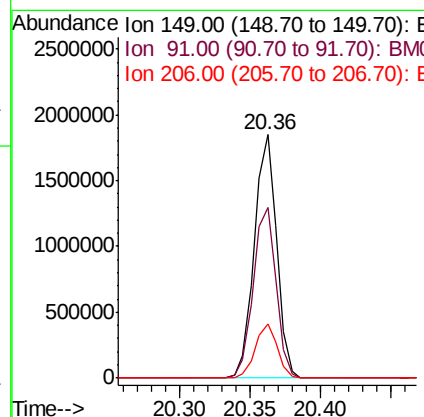
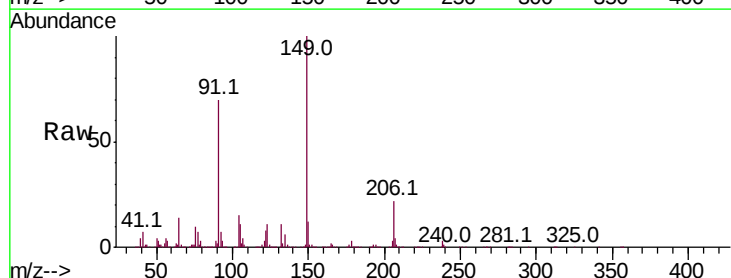
Sohil
 11/13/2018 2:25:13 PM

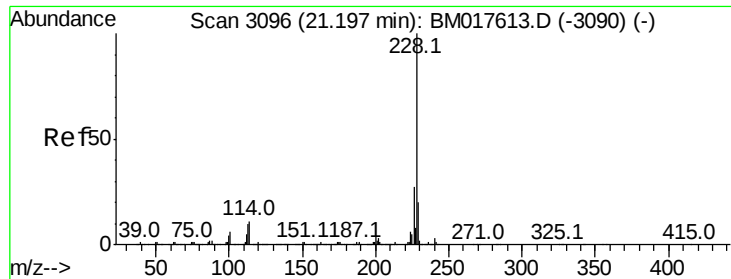


#80
 Butylbenzylphthalate
 Concen: 72.074 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: BM017614.D
 Acq: 12 Nov 2018 15:49

Tgt Ion:149 Resp: 2063473

Ion	Ratio	Lower	Upper
149	100		
91	70.1	57.6	86.4
206	22.3	17.4	26.0





#81

Benzo(a)anthracene

Concen: 51.671 ng

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC050

Tot Ion:228 Resp: 4331678

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

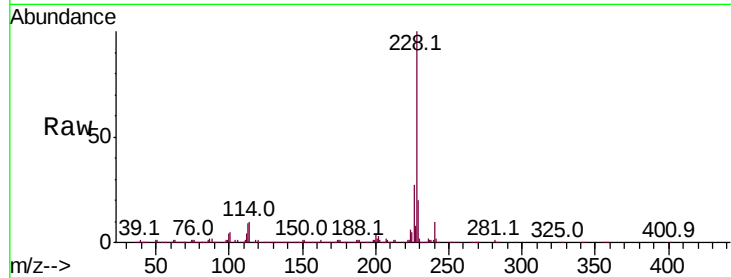
229 19.9 16.0 24.0

Manual Integrations

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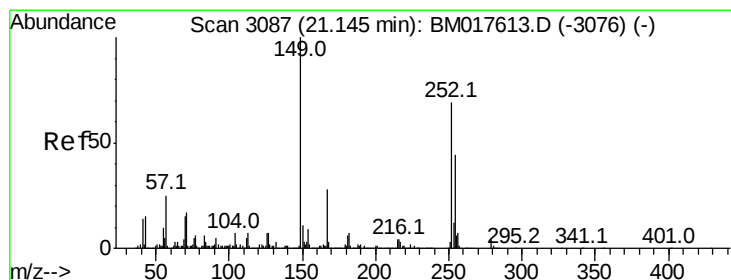
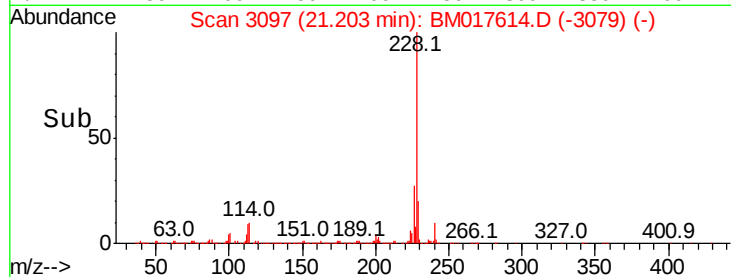
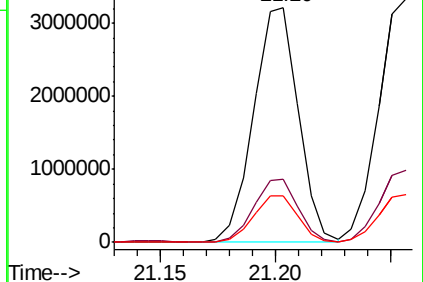
11/13/2018 2:25:13 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 56.905 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

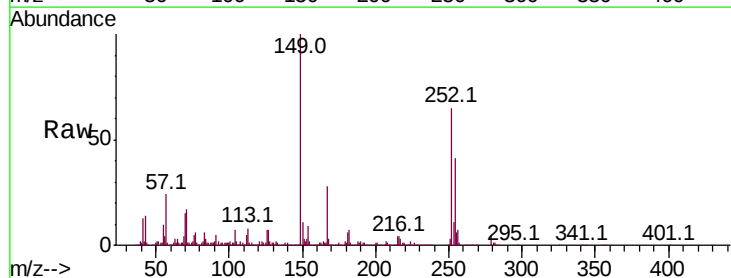
Tgt Ion:252 Resp: 1777970

Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

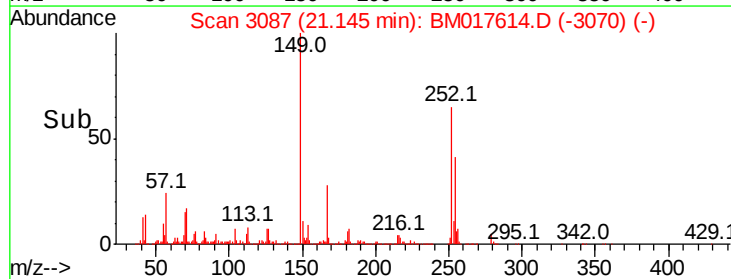
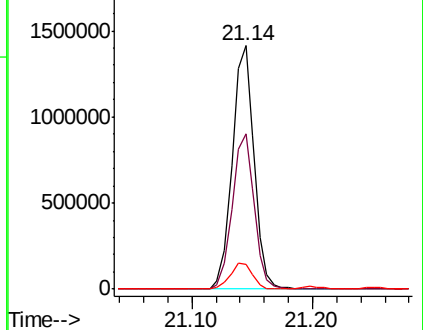
126 10.3 8.0 12.0

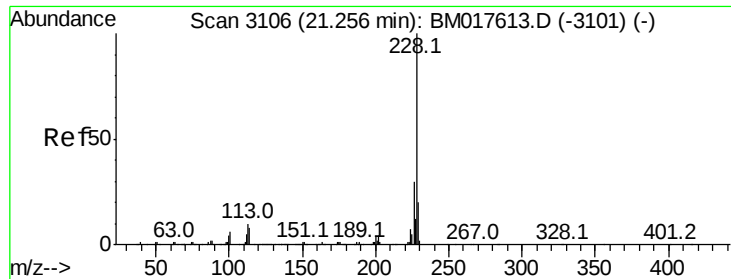


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





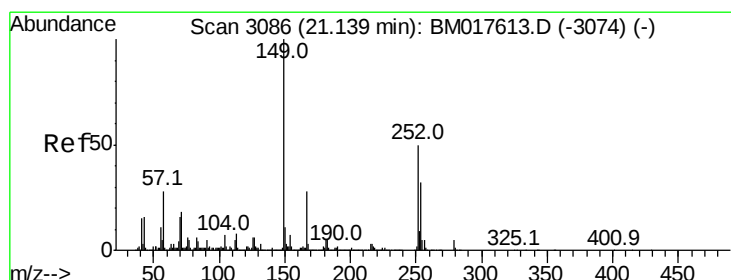
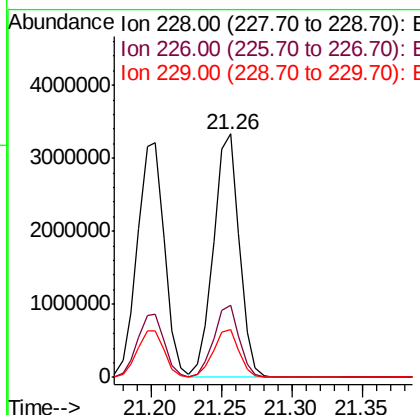
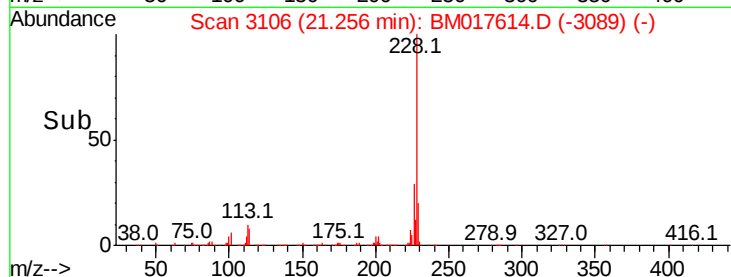
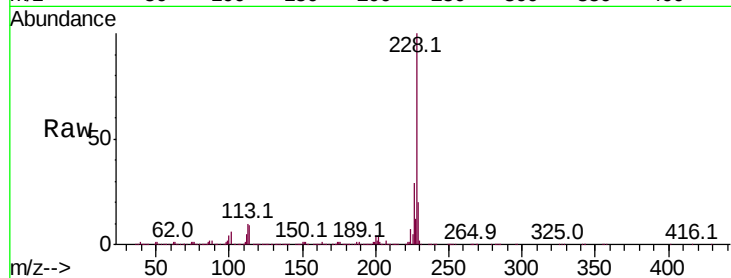
#83
Chrysene
Concen: 50.875 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion:228 Resp: 4221432
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 19.7 15.8 23.6

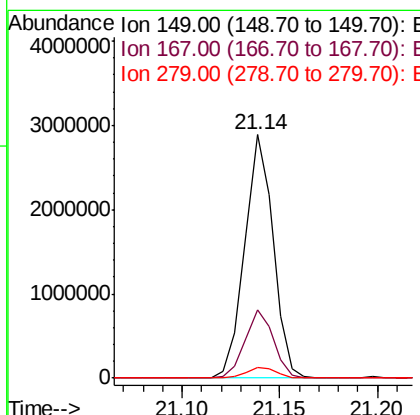
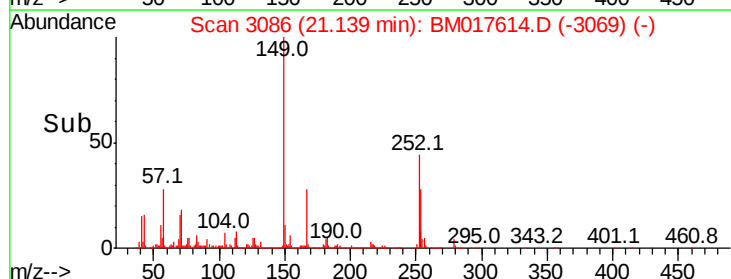
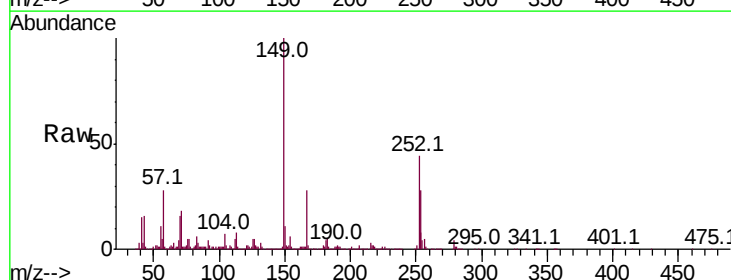
Manual Integrations
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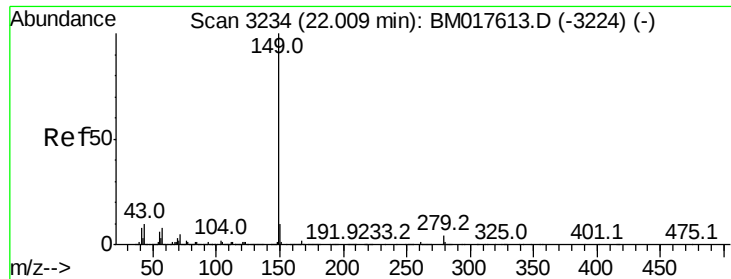
Sohil
11/13/2018 2:25:13 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 65.332 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion:149 Resp: 2926836
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 4.4 3.7 5.5





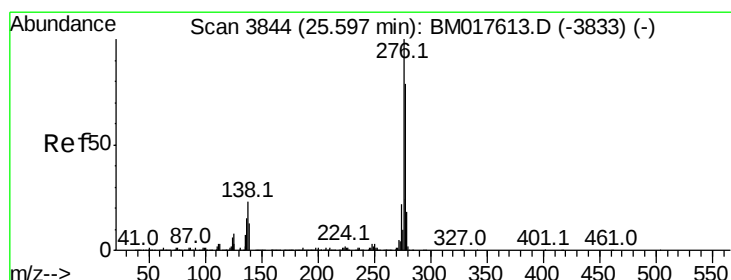
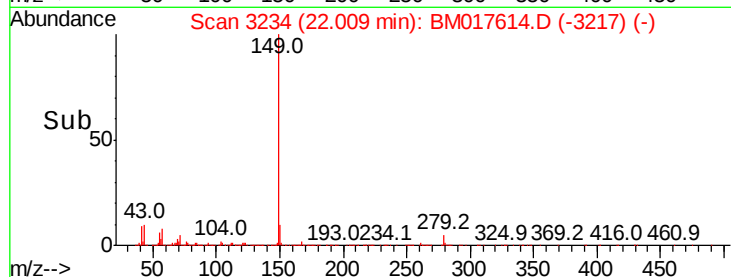
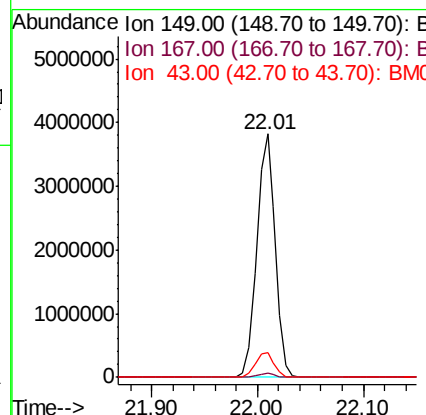
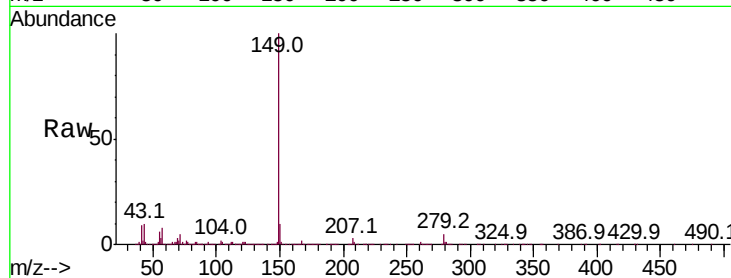
#85
Di-n-octyl phthalate
Concen: 61.329 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	8.3	12.5

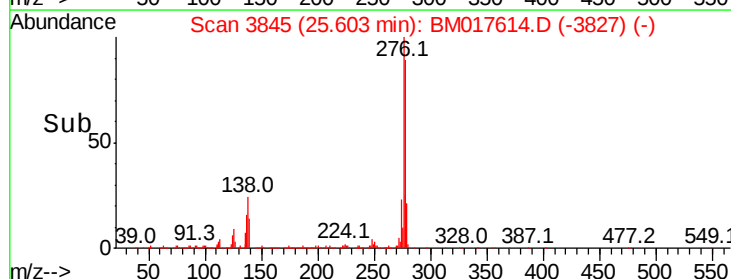
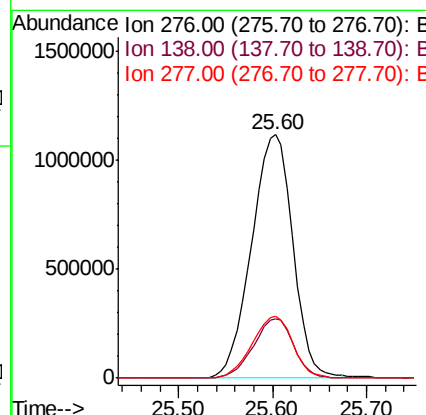
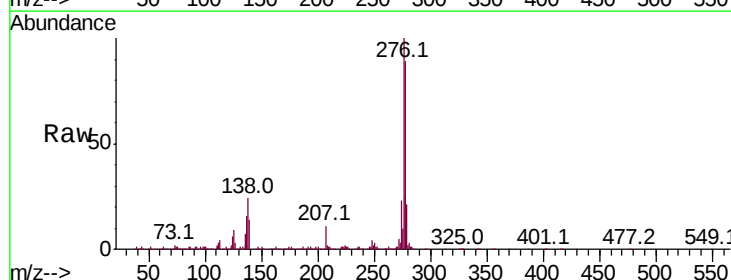
Manual Integrations
APPROVED

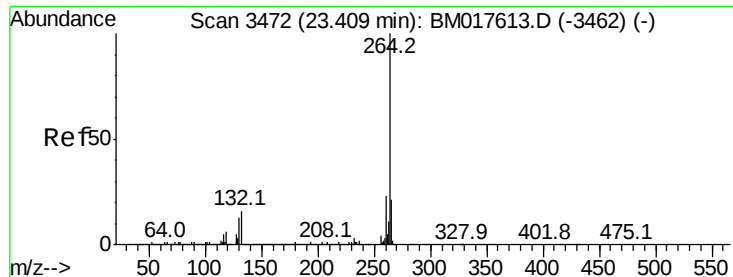
Sohil
11/13/2018 2:25:13 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.647 ng
RT: 25.60 min Scan# 3845
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Instrument :

BNA_M

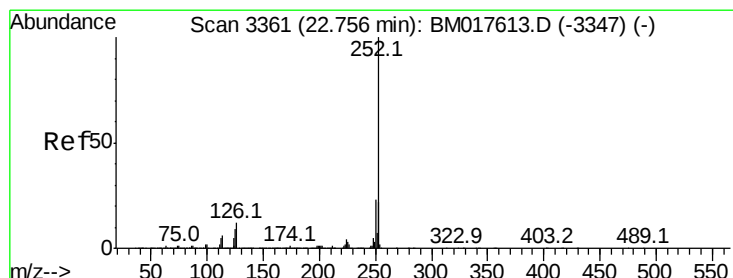
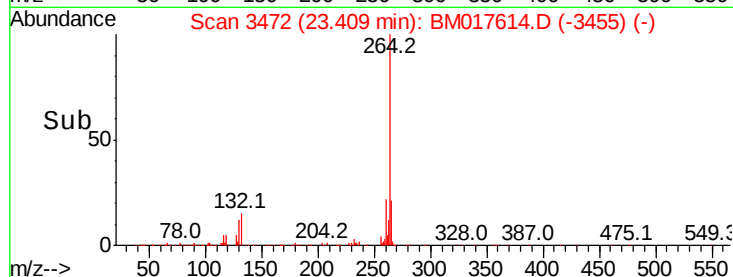
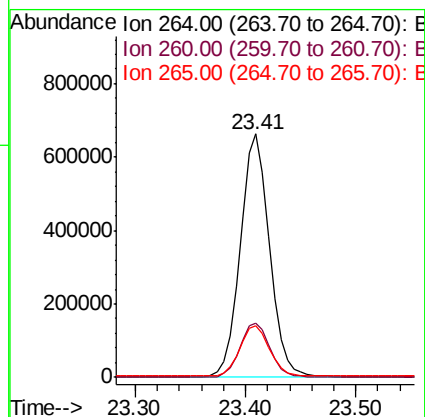
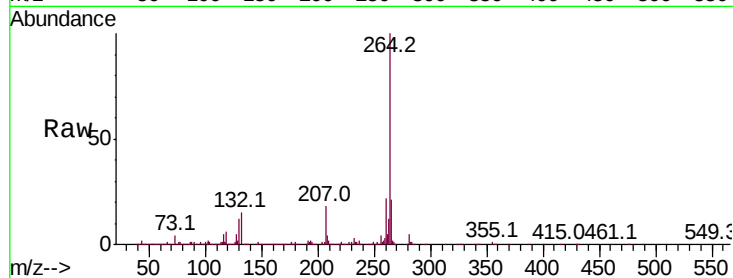
ClientSampleId :

SSTDICC050

Tot Ion:	264	Resp:	1235431
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.1	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 54.777 ng

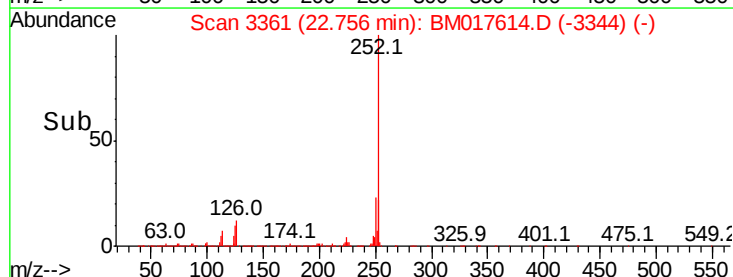
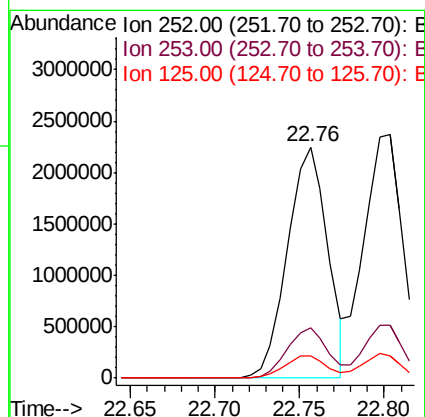
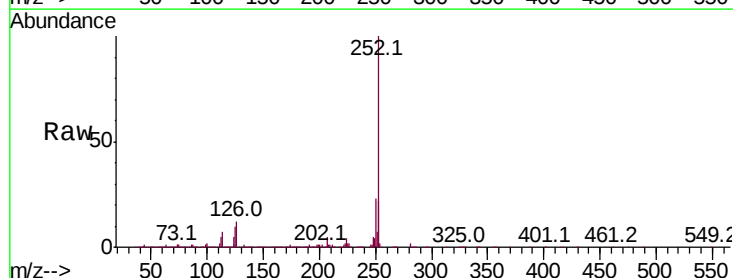
RT: 22.76 min Scan# 3361

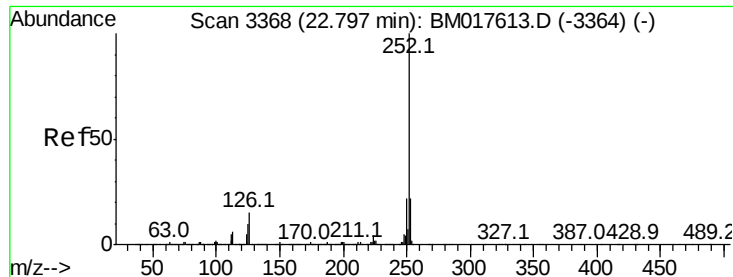
Delta R.T. -0.00 min

Lab File: BM017614.D

Acq: 12 Nov 2018 15:49

Tgt Ion:	252	Resp:	3699945
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.6	7.6	11.4





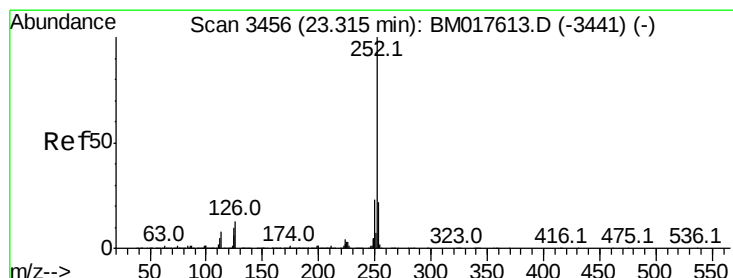
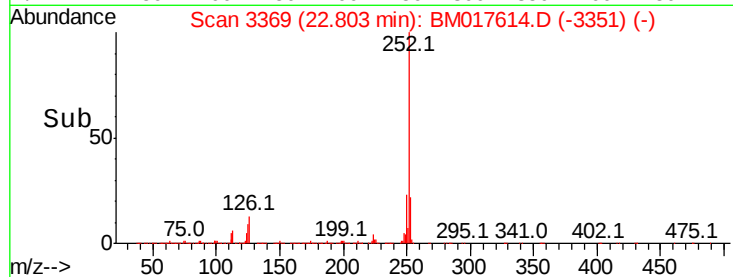
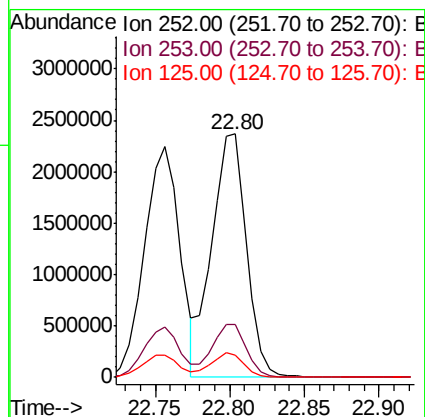
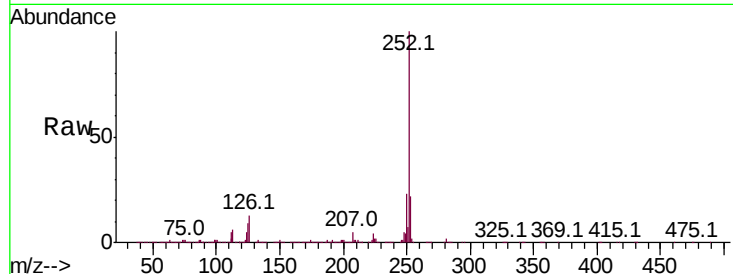
#89
Benzo(k)fluoranthene
Concen: 56.626 ng
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	7.9	11.9

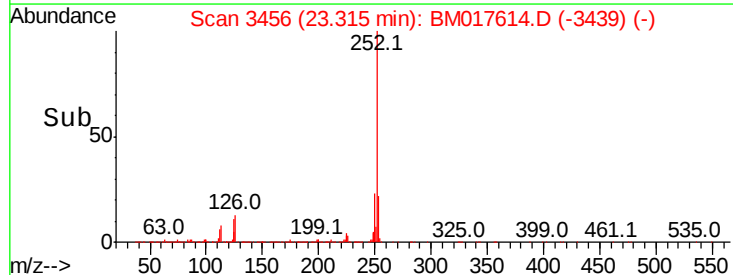
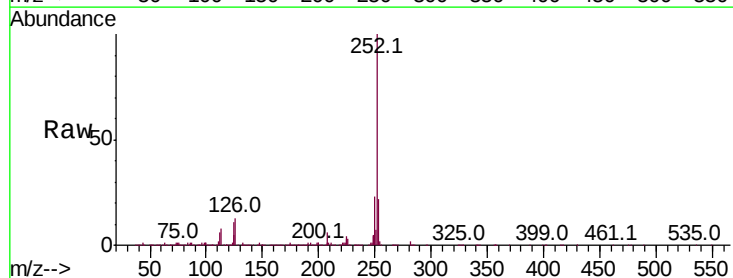
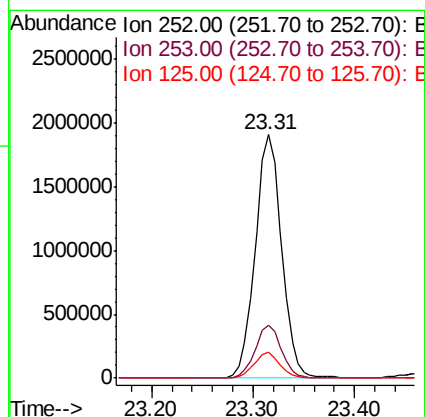
Manual Integrations
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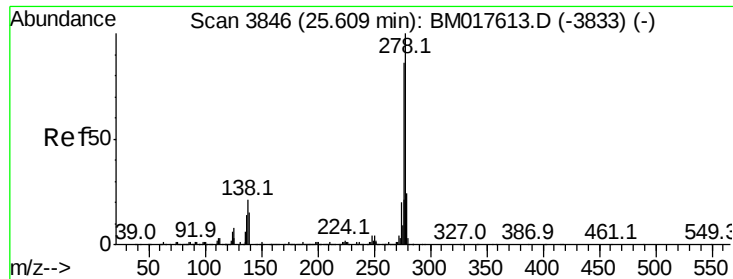
Sohil
11/13/2018 2:25:13 PM



#90
Benzo(a)pyrene
Concen: 53.757 ng
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.8	8.2	12.2





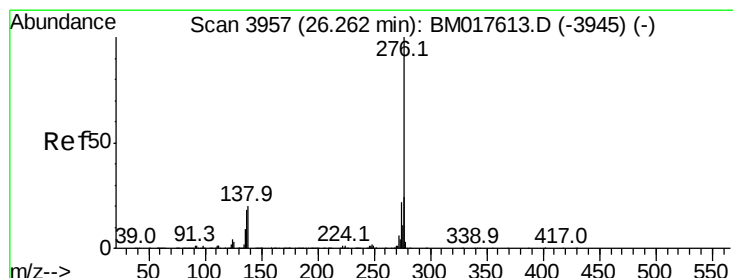
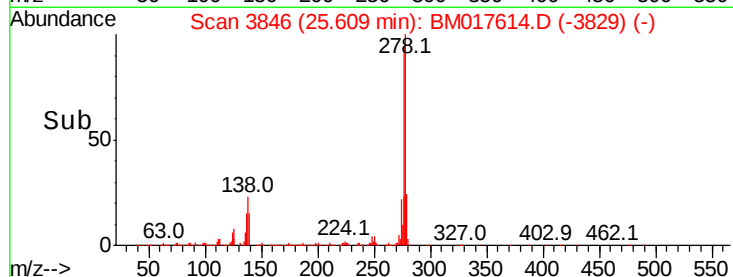
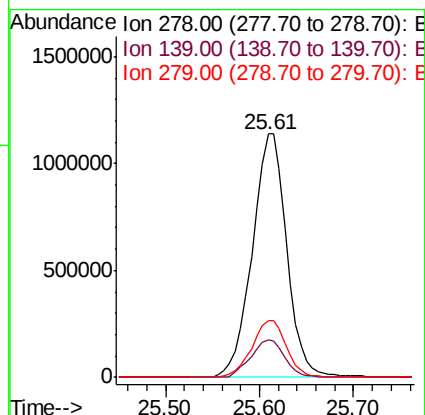
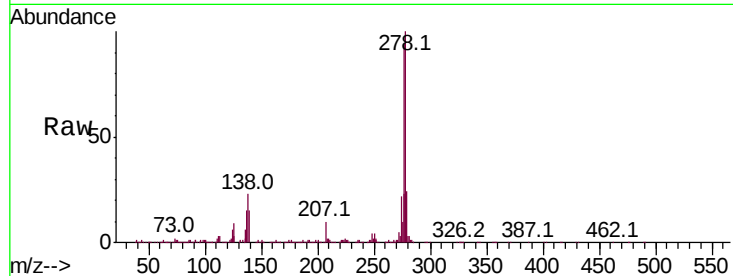
#91
Dibenzo(a,h)anthracene
Concen: 45.302 ng
RT: 25.61 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.8	17.6
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:13 PM



#92
Benzo(g,h,i)perylene
Concen: 43.177 ng
RT: 26.27 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BM017614.D
Acq: 12 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	19.9	15.9	23.9

