

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
 Data File : BM017621.D
 Acq On : 12 Nov 2018 20:08
 Operator : MJ/SJ
 Sample : J5863-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Manual Integrations
 APPROVED

Sohil
 11/13/2018 2:25:38 PM

Quant Time: Nov 13 03:42:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	216261	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	927737	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	530721	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1210232	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1345698	20.00	ng	0.00
87) Perylene-d12	23.41	264	1244863	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1646849	128.52	ng	0.00
7) Phenol-d6	6.81	99	2270303	126.85	ng	0.00
23) Nitrobenzene-d5	8.77	82	1413566	78.66	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	943526	123.73	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3113243	76.10	ng	0.00
79) Terphenyl-d14	19.66	244	4630687	77.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	151111	28.314	ng	99
3) Pyridine	3.61	79	418777	26.751	ng	100
4) n-Nitrosodimethylamine	3.53	42	259991	37.702	ng	98
6) Aniline	6.96	93	511006	23.024	ng	100
8) 2-Chlorophenol	7.19	128	576010	37.559	ng	100
9) Benzaldehyde	6.78	77	330180	25.326	ng	98
10) Phenol	6.83	94	864789	46.035	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	510465	34.422	ng	100
12) 1,3-Dichlorobenzene	7.50	146	574747	33.404	ng	98
13) 1,4-Dichlorobenzene	7.65	146	587145	33.292	ng	99
14) 1,2-Dichlorobenzene	7.96	146	577716	33.783	ng	99
15) Benzyl Alcohol	7.86	79	521823	36.612	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	774886	34.319	ng	99
17) 2-Methylphenol	8.06	107	486794	38.467	ng	99
18) Hexachloroethane	8.67	117	211780	34.071	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	440667	34.291	ng	99
20) 3+4-Methylphenols	8.39	107	664617	37.799	ng	98
22) Acetophenone	8.44	105	850308	36.723	ng	# 98
24) Nitrobenzene	8.82	77	649206	35.606	ng	100
25) Isophorone	9.33	82	1161277	41.839	ng	99
26) 2-Nitrophenol	9.52	139	309956	36.907	ng	99
27) 2,4-Dimethylphenol	9.58	122	522921	43.204	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	716881	38.135	ng	97
29) 2,4-Dichlorophenol	10.05	162	546147	38.871	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	562265	34.407	ng	97
31) Naphthalene	10.44	128	1745762	38.272	ng	99
32) Benzoic acid	9.74	122	395324m	36.056	ng	
33) 4-Chloroaniline	10.57	127	225770	11.302	ng	98
34) Hexachlorobutadiene	10.71	225	338227	33.340	ng	98
35) Caprolactam	11.40	113	176031m	34.021	ng	
36) 4-Chloro-3-methylphenol	11.69	107	616000	37.974	ng	98
37) 2-Methylnaphthalene	12.06	142	1302458	40.401	ng	99
38) 1-Methylnaphthalene	12.28	142	1230741	38.935	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	667353	35.659	ng	99

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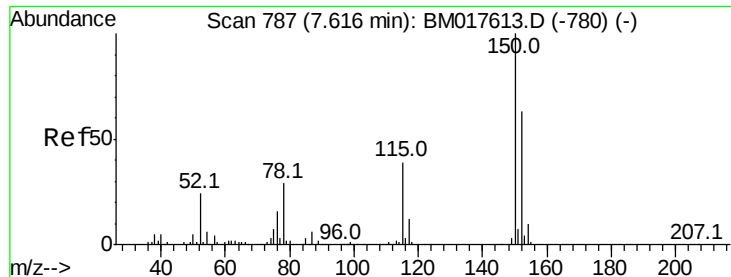
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	791552	81.852	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	458457	39.110	ng	98
44) 2,4,5-Trichlorophenol	12.75	196	491744	39.730	ng	99
46) 1,1'-Biphenyl	13.09	154	1663431	34.918	ng	99
47) 2-Chloronaphthalene	13.13	162	1295479	36.638	ng	99
48) 2-Nitroaniline	13.35	65	418645	38.285	ng	98
49) Acenaphthylene	13.98	152	2124364	39.988	ng	99
50) Dimethylphthalate	13.73	163	1827280	42.348	ng	99
51) 2,6-Dinitrotoluene	13.85	165	365154	38.004	ng	98
52) Acenaphthene	14.33	154	1228858	37.691	ng	100
53) 3-Nitroaniline	14.19	138	231643	22.143	ng	99
54) 2,4-Dinitrophenol	14.40	184	459308	78.451	ng	100
55) Dibenzofuran	14.66	168	1988980	37.330	ng	98
56) 4-Nitrophenol	14.50	139	909163	101.946	ng	96
57) 2,4-Dinitrotoluene	14.65	165	521385	40.256	ng	98
58) Fluorene	15.32	166	1623814	39.810	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	467125	41.033	ng	99
60) Diethylphthalate	15.10	149	1625135	34.857	ng	100
61) 4-Chlorophenyl-phenylether	15.32	204	807655	34.851	ng	100
62) 4-Nitroaniline	15.36	138	367247	37.250	ng	100
63) Azobenzene	15.61	77	1623850	37.677	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	300585	35.853	ng	94
66) n-Nitrosodiphenylamine	15.53	169	1426406	36.659	ng	99
67) 4-Bromophenyl-phenylether	16.21	248	503496	35.177	ng	95
68) Hexachlorobenzene	16.32	284	567555	35.174	ng	99
69) Atrazine	16.50	200	524038	36.617	ng	98
70) Pentachlorophenol	16.67	266	721208	63.790	ng	97
71) Phenanthrene	17.06	178	2568950	39.119	ng	99
72) Anthracene	17.14	178	2600099	40.688	ng	100
73) Carbazole	17.43	167	2416425	37.422	ng	100
74) Di-n-butylphthalate	17.99	149	2772644	38.572	ng	100
75) Fluoranthene	19.08	202	3009285	40.500	ng	99
77) Benzidine	19.28	184	617551	14.093	ng	100
78) Pyrene	19.44	202	3080522	37.101	ng	100
80) Butylbenzylphthalate	20.36	149	1280547	37.972	ng	97
81) Benzo(a)anthracene	21.20	228	3095878	39.932	ng	100
82) 3,3'-Dichlorobenzidine	21.14	252	739120	24.702	ng	99
83) Chrysene	21.25	228	2898162	38.488	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1824888	36.604	ng	100
85) Di-n-octyl phthalate	22.01	149	3108722	38.942	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2722854	45.251	ng	100
88) Benzo(b)fluoranthene	22.75	252	2963586	40.651	ng	99
89) Benzo(k)fluoranthene	22.80	252	2838427	38.521	ng	100
90) Benzo(a)pyrene	23.32	252	2710574	40.777	ng	100
91) Dibenzo(a,h)anthracene	25.61	278	2313477	41.398	ng	99
92) Benzo(g,h,i)perylene	26.26	276	2198456	41.834	ng	100

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



#1

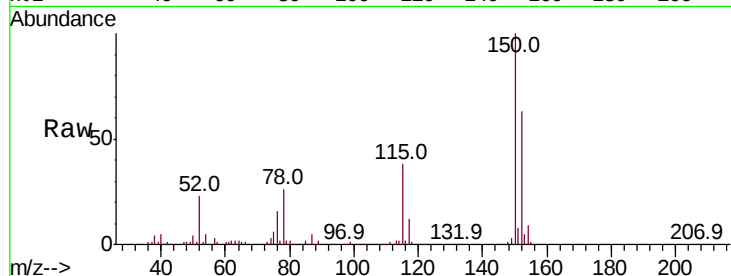
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.4	189.6
115	59.9	49.4	74.0

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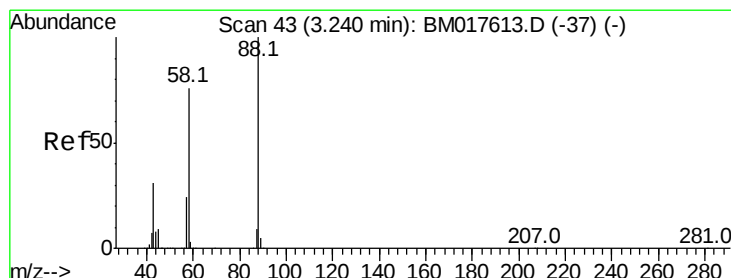
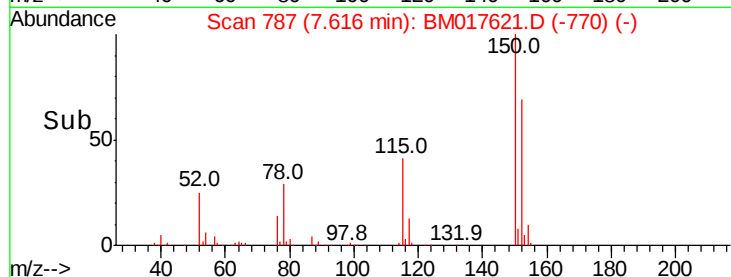
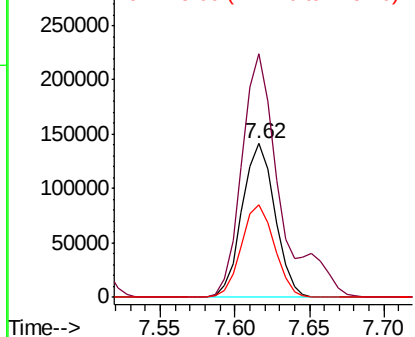


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

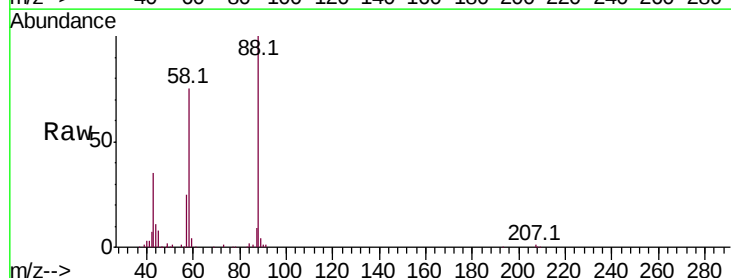
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.314 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	62.0	93.0
43	32.9	26.8	40.2

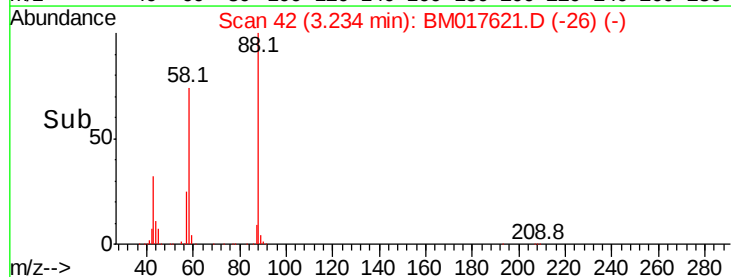
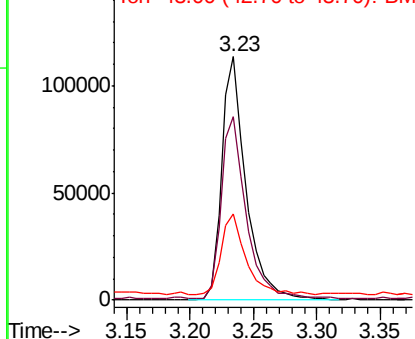


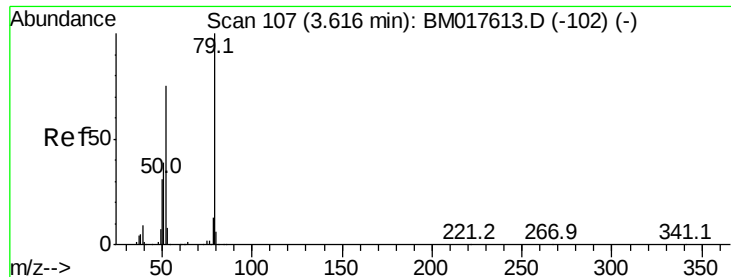
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 26.751 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

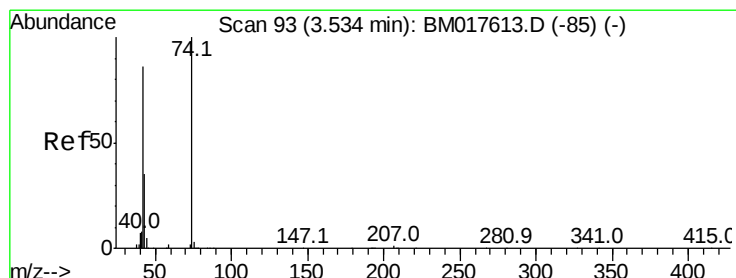
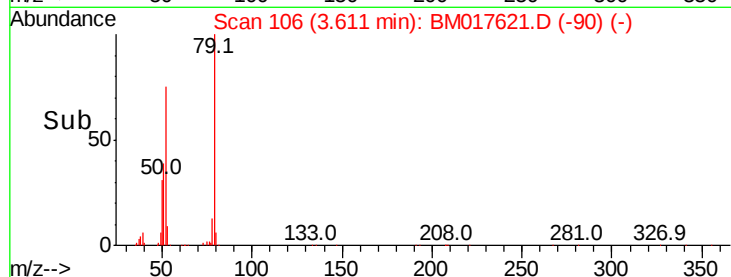
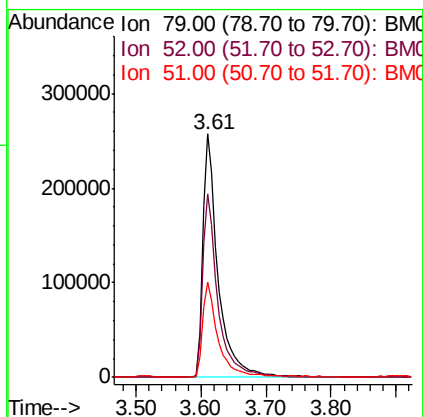
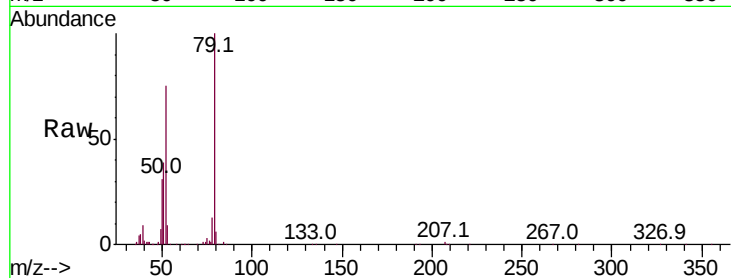
ClientSampleId :

RT-3263MSD

Tot Ion:	79	Resp:	418777
Ion Ratio	Lower	Upper	
79	100		
52	75.4	60.1	90.1
51	39.3	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 37.702 ng

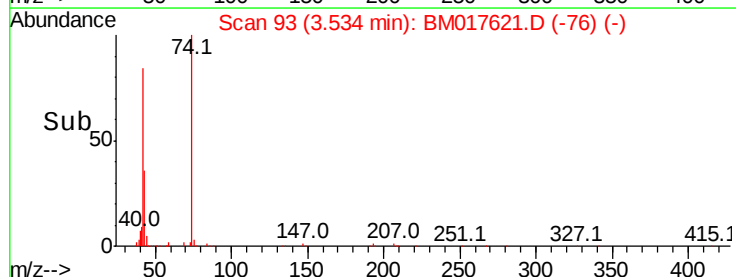
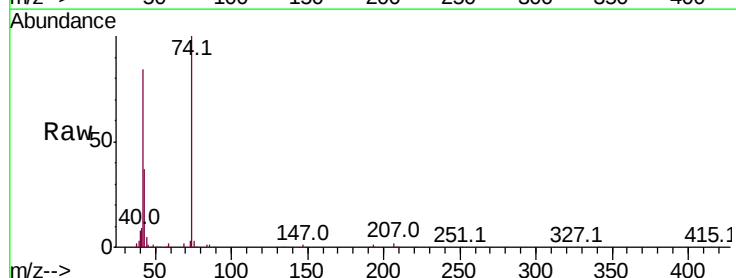
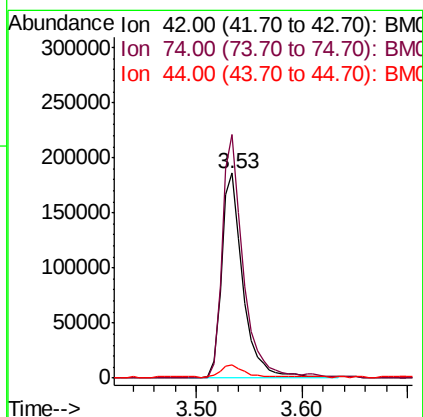
RT: 3.53 min Scan# 93

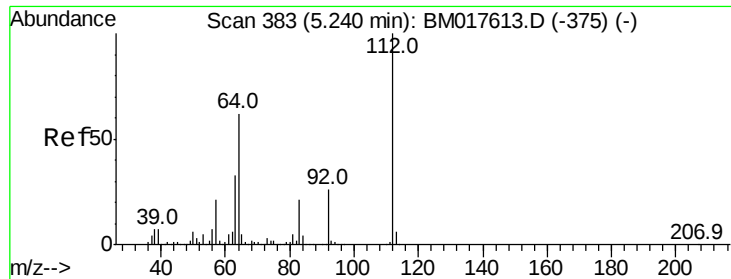
Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion:	42	Resp:	259991
Ion Ratio	Lower	Upper	
42	100		
74	118.9	93.1	139.7
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 128.516 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:112 Resp: 1646849

Ion Ratio Lower Upper

112 100

64 62.9 49.3 73.9

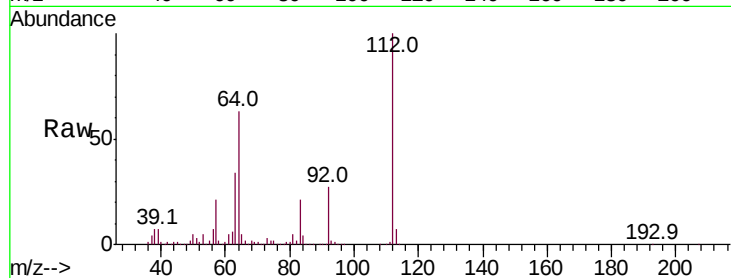
63 33.5 26.2 39.4

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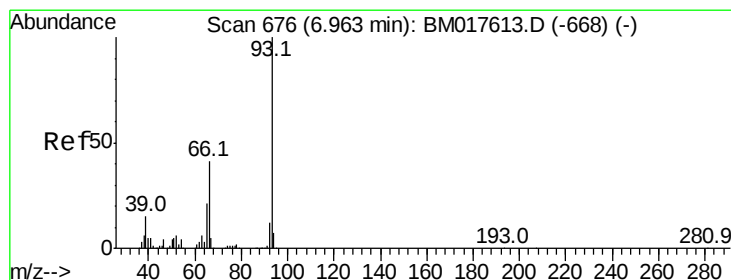
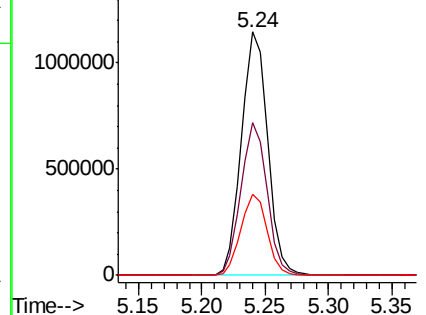
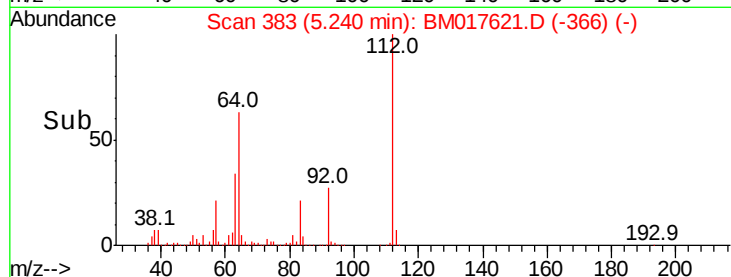
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 23.024 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

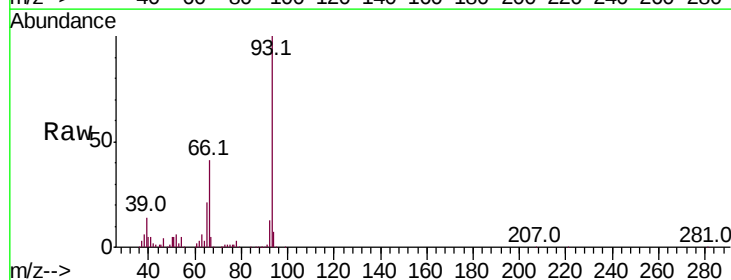
Tgt Ion: 93 Resp: 511006

Ion Ratio Lower Upper

93 100

66 40.9 32.8 49.2

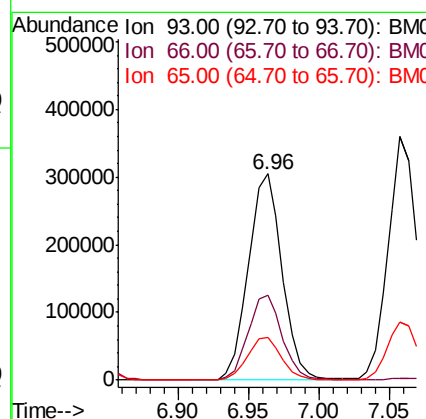
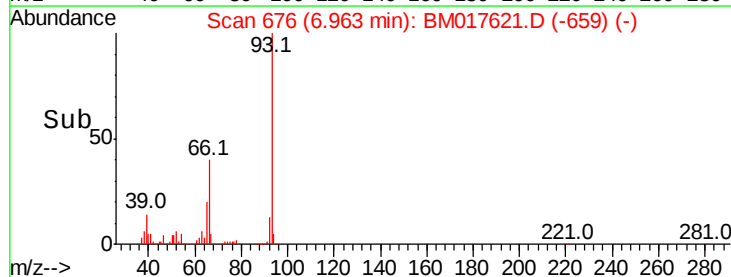
65 20.8 16.6 25.0

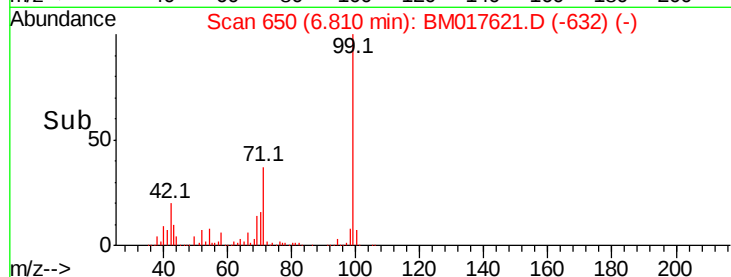
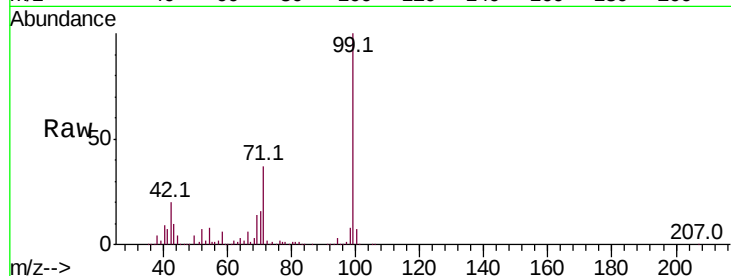
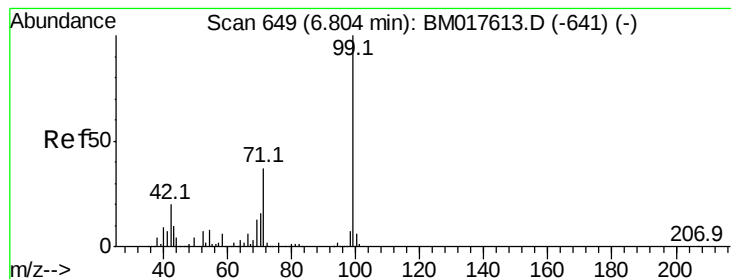


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 126.853 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tot Ion: 99 Resp: 2270303

Ion Ratio Lower Upper

99 100

42 20.3 16.3 24.5

71 36.7 29.8 44.8

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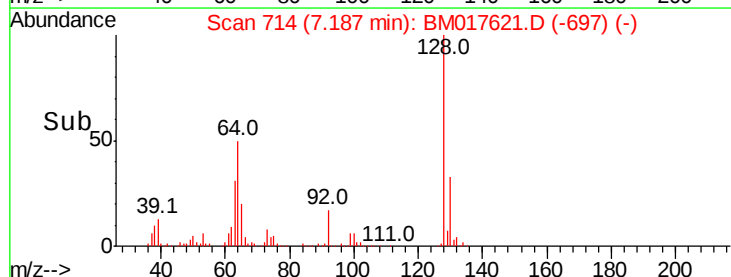
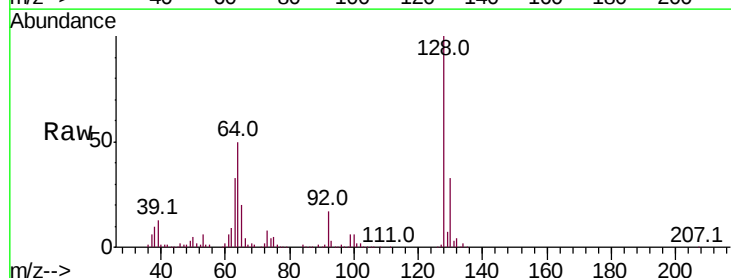
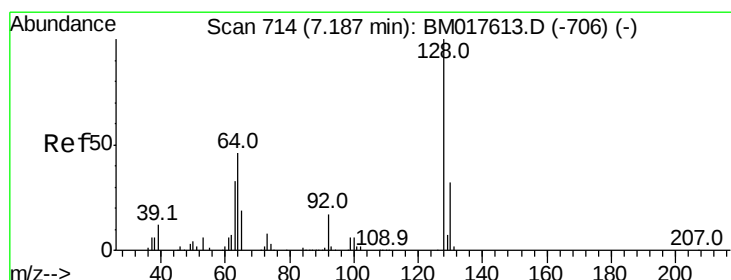
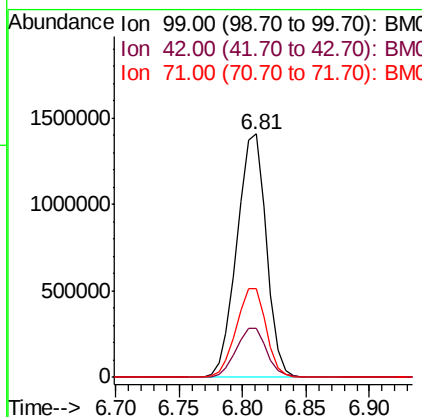
RT-3263MSD

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#8

2-Chlorophenol

Concen: 37.559 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

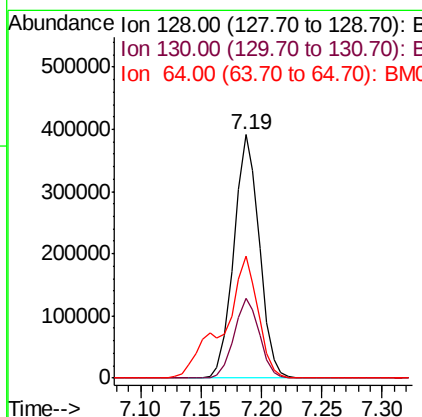
Tgt Ion:128 Resp: 576010

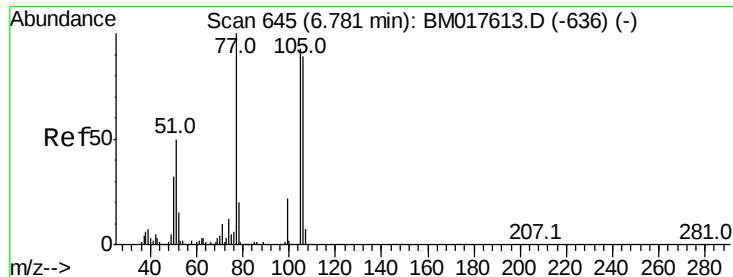
Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

64 50.2 30.0 70.0





#9

Benzaldehyde

Concen: 25.326 ng

RT: 6.78 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

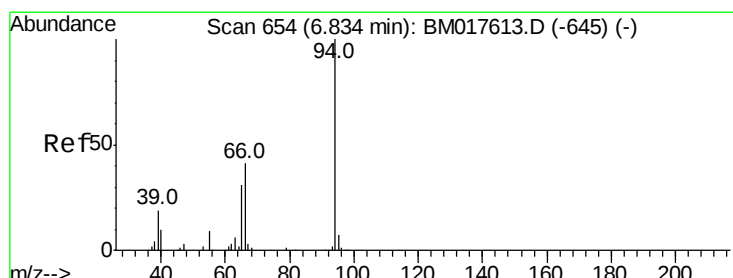
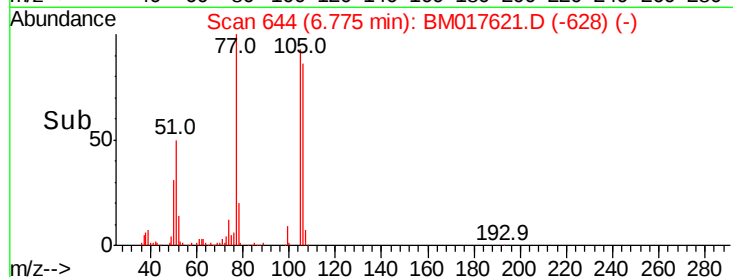
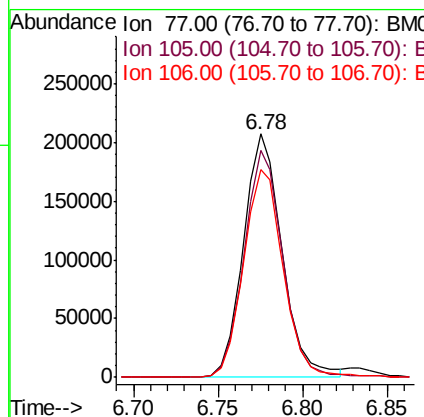
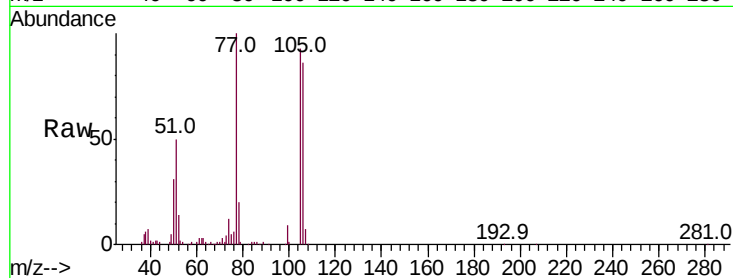
ClientSampled :

RT-3263MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.1	72.7	112.7
106	85.6	68.9	108.9

Manual Integrations
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#10

Phenol

Concen: 46.035 ng

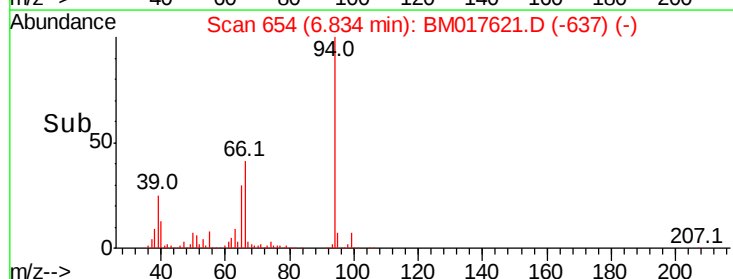
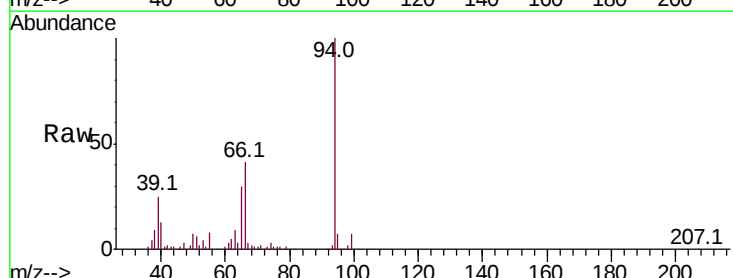
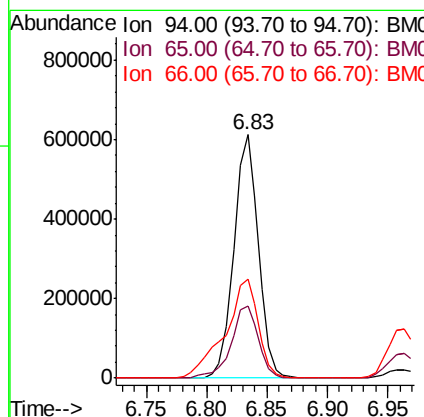
RT: 6.83 min Scan# 654

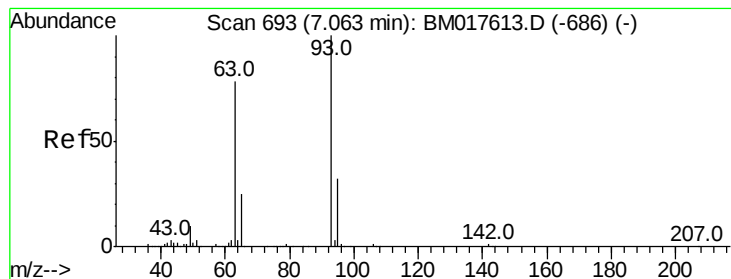
Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	11.4	51.4
66	40.7	21.4	61.4





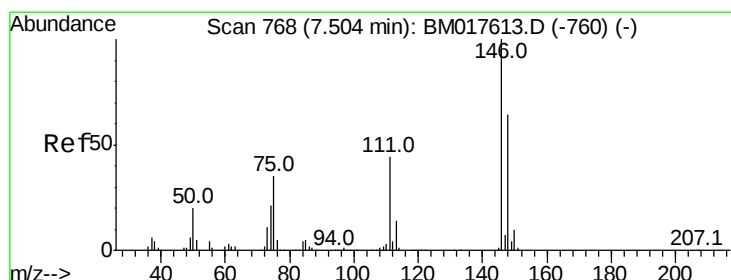
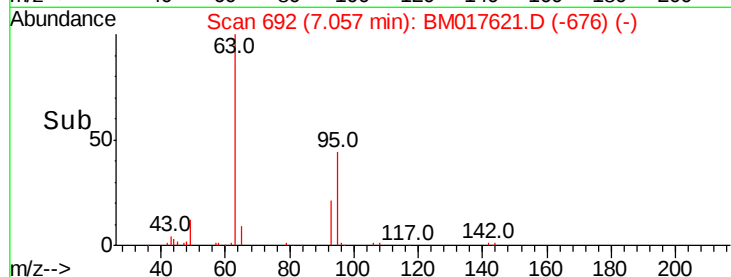
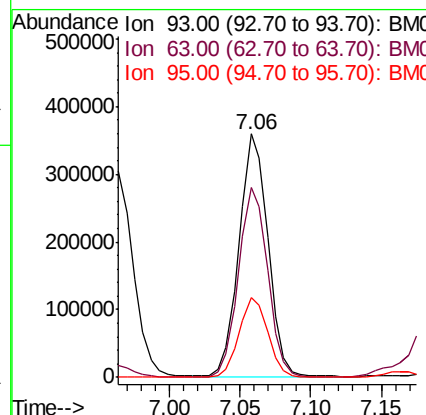
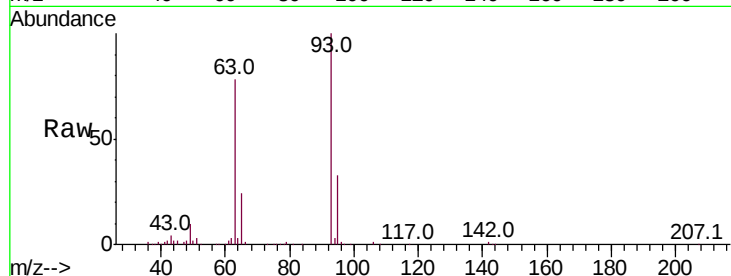
#11
bis(2-Chloroethyl)ether
Concen: 34.422 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	57.9	97.9
95	32.6	12.3	52.3

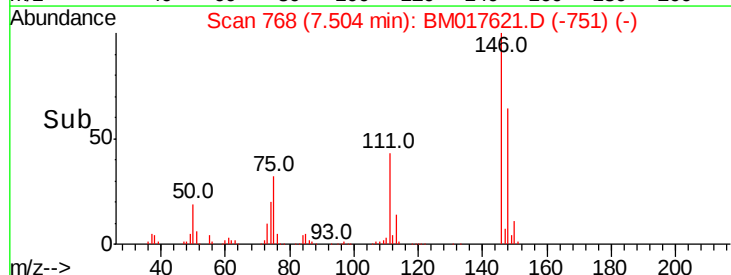
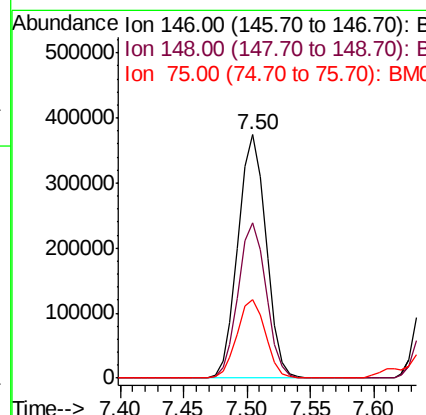
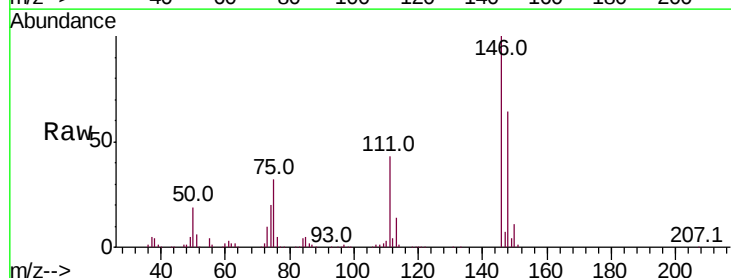
Manual Integrations
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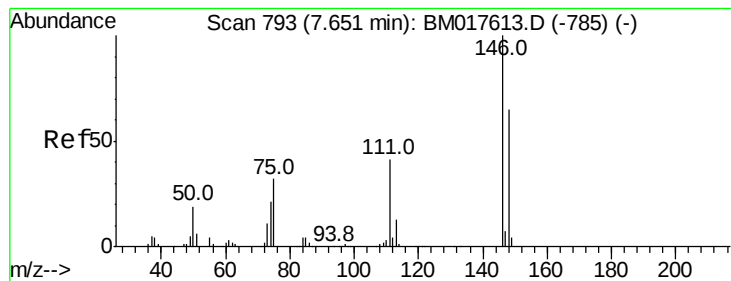
Sohil
11/13/2018 2:25:38 PM



#12
1,3-Dichlorobenzene
Concen: 33.404 ng
RT: 7.50 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
75	32.3	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 33.292 ng

RT: 7.65 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

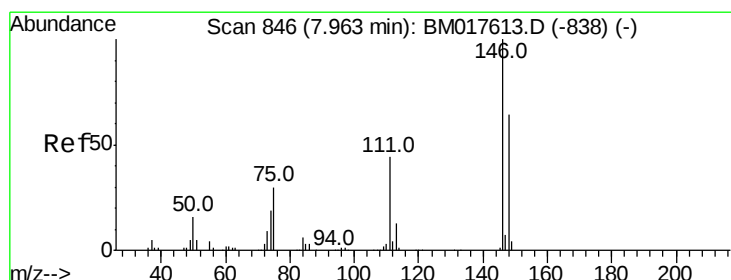
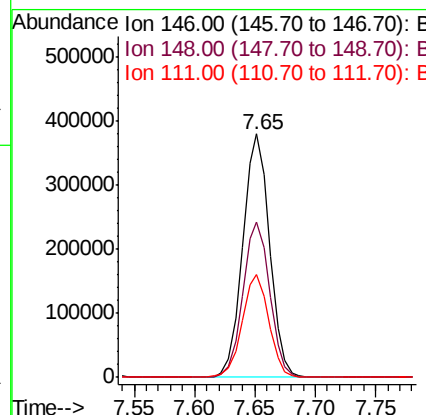
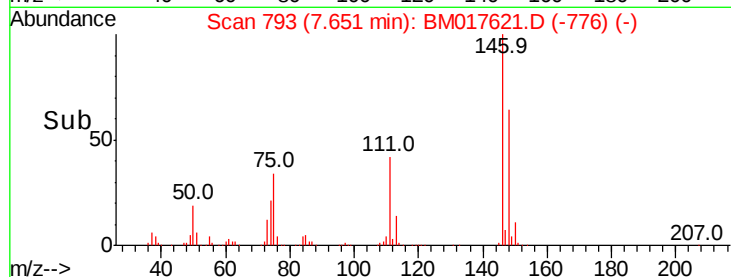
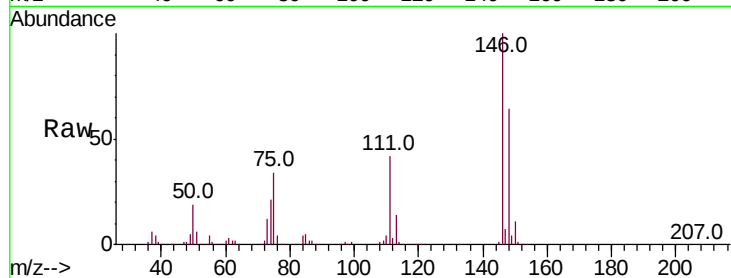
ClientSampled :

RT-3263MSD

Tot Ion:	146	Resp:	587145
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.0	78.0
111	42.4	33.2	49.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 33.783 ng

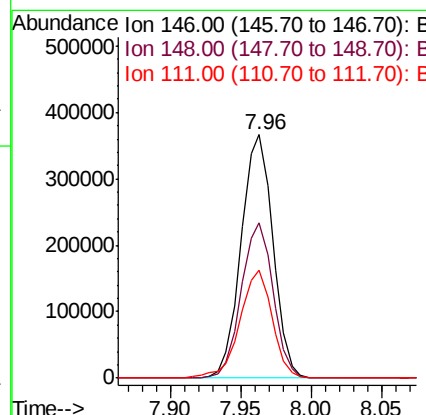
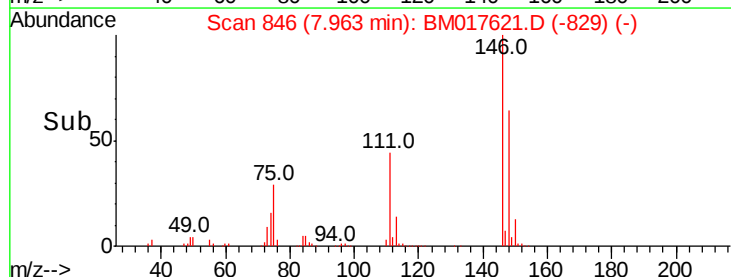
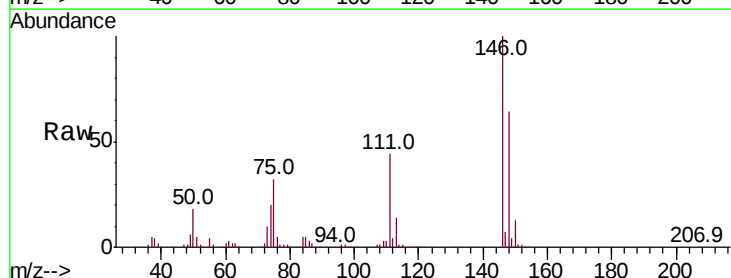
RT: 7.96 min Scan# 846

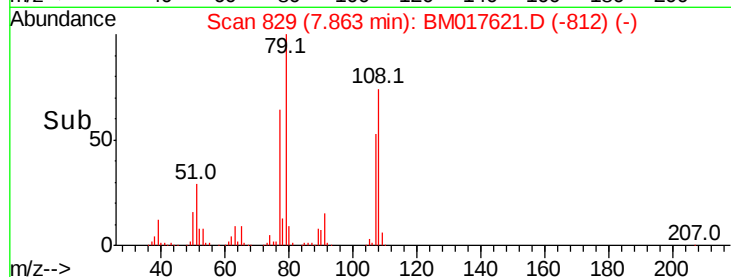
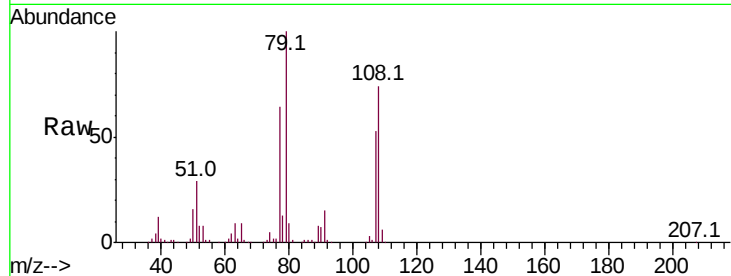
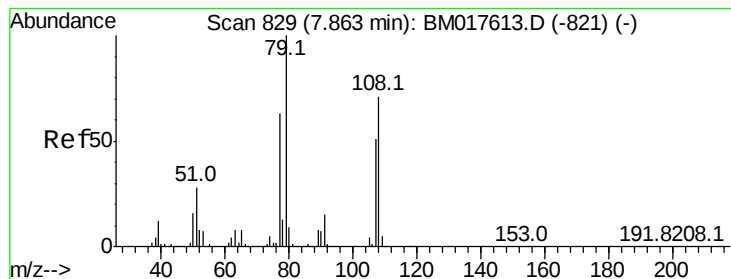
Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion:	146	Resp:	577716
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.6	77.4
111	44.2	35.8	53.8





#15

Benzyl Alcohol

Concen: 36.612 ng

RT: 7.86 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tot Ion:	79	Resp:	521823
Ion Ratio	Lower	Upper	
79	100		
108	73.8	57.1	85.7
77	63.7	50.4	75.6

Instrument :

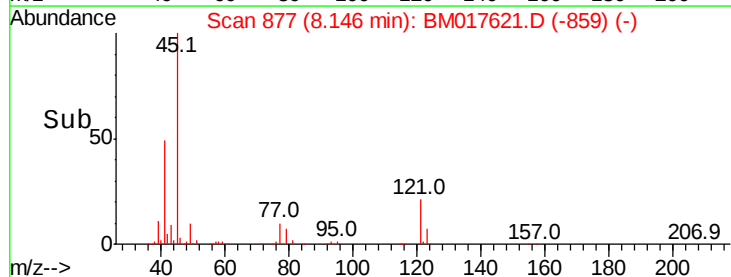
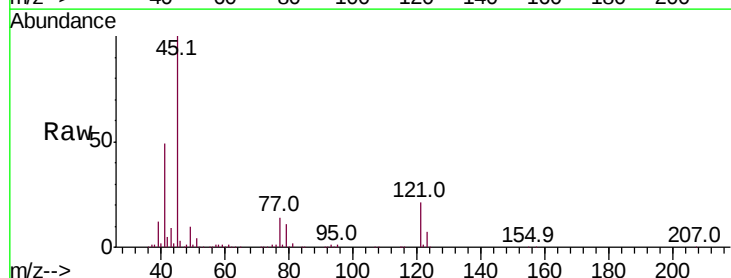
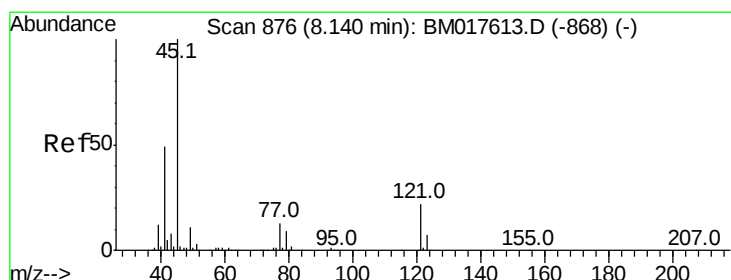
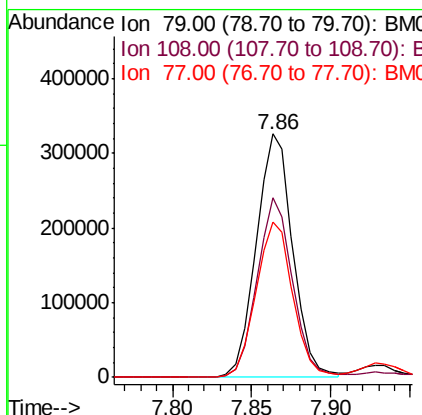
BNA_M

ClientSampled :

RT-3263MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.319 ng

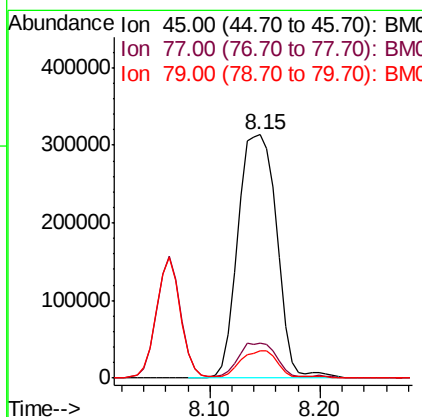
RT: 8.15 min Scan# 877

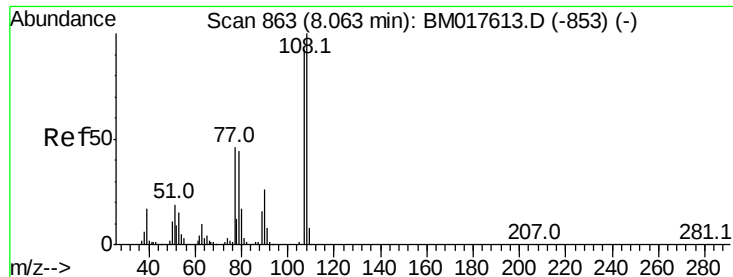
Delta R.T. 0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion:	45	Resp:	774886
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	34.2
79	11.0	0.0	30.5





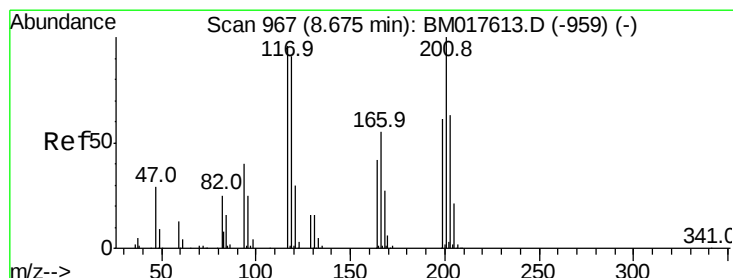
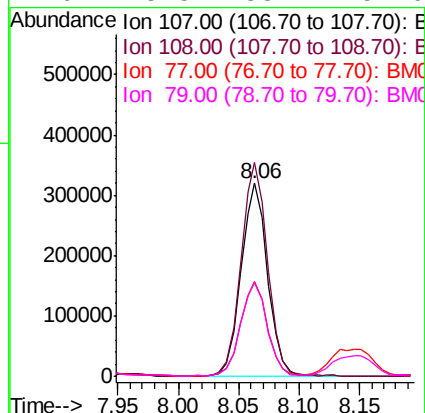
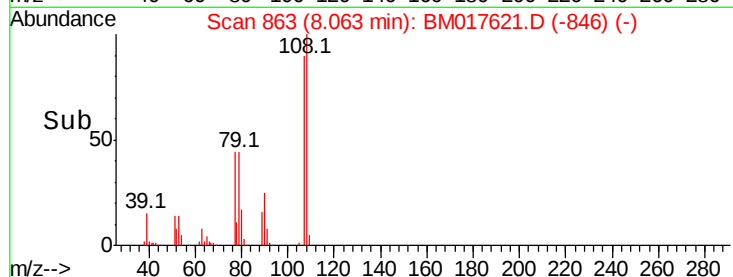
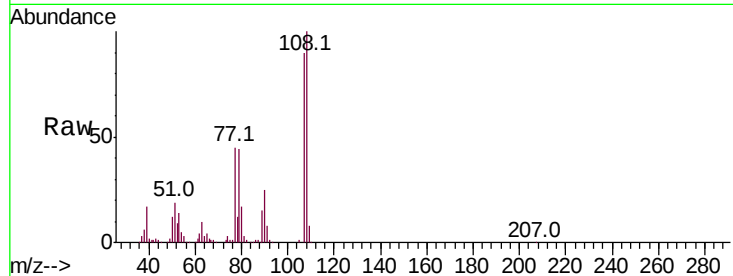
#17
2-Methylphenol
Concen: 38.467 ng
RT: 8.06 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	86.7	130.1	
77	49.3	39.8	59.6	
79	48.5	38.4	57.6	

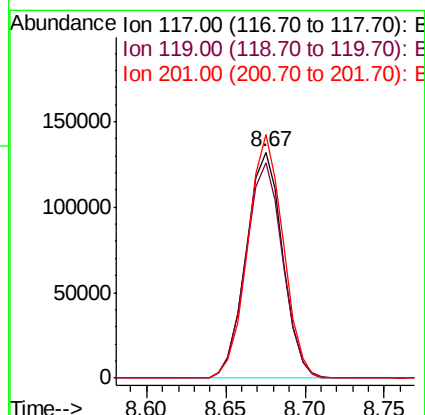
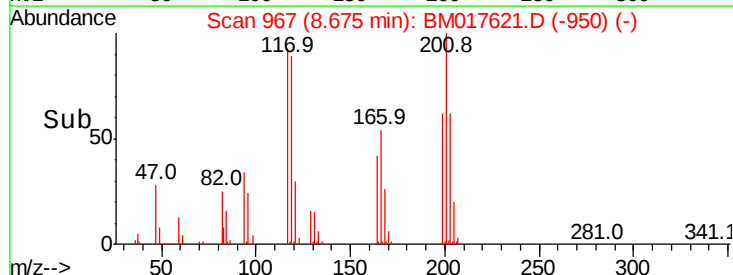
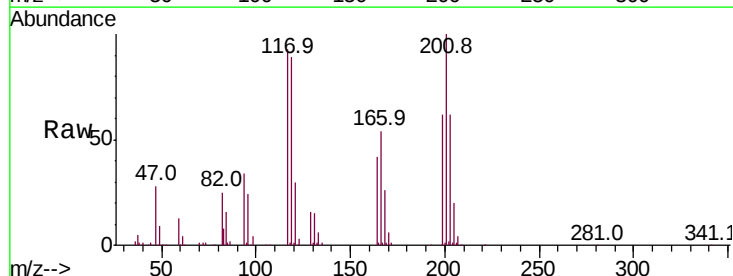
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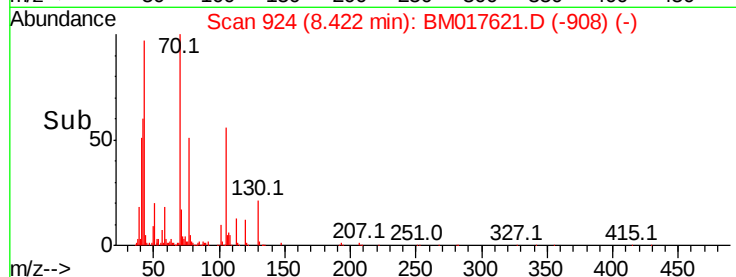
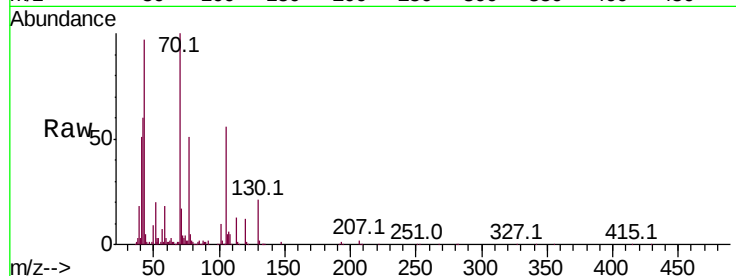
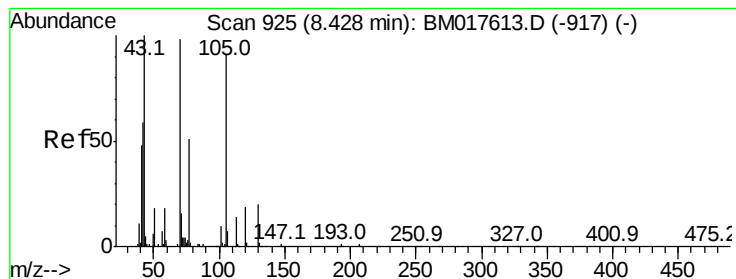
Sohil
11/13/2018 2:25:38 PM



#18
Hexachloroethane
Concen: 34.071 ng
RT: 8.67 min Scan# 967
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.8	113.8	
201	107.8	83.0	124.4	





#19

n-Nitroso-di-n-propylamine

Concen: 34.291 ng

RT: 8.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion: 70 Resp: 440667

Ion Ratio Lower Upper

70 100

42 59.9 48.6 73.0

101 9.5 7.9 11.9

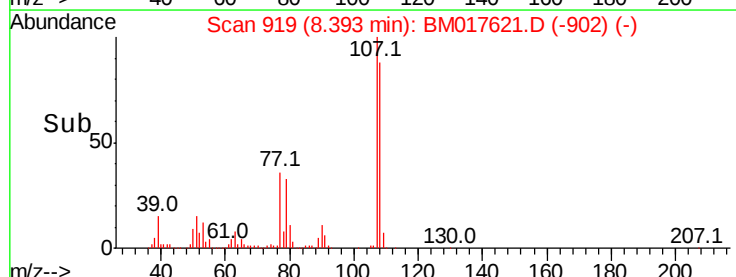
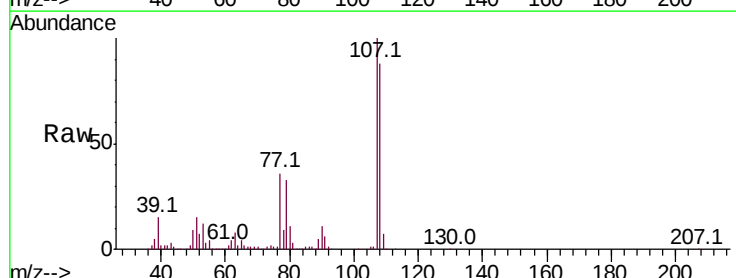
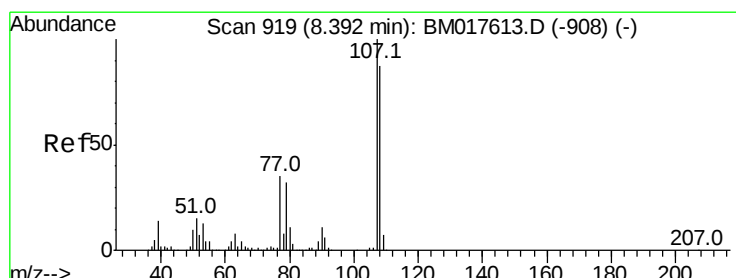
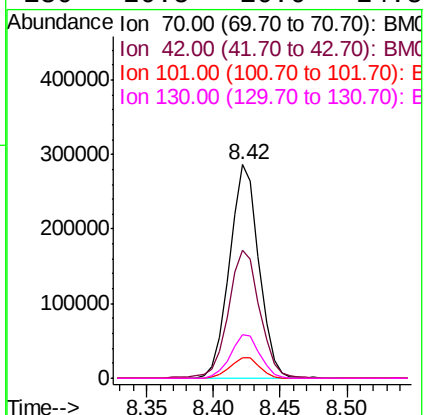
130 20.5 16.6 24.8

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#20

3+4-Methylphenols

Concen: 37.799 ng

RT: 8.39 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion: 107 Resp: 664617

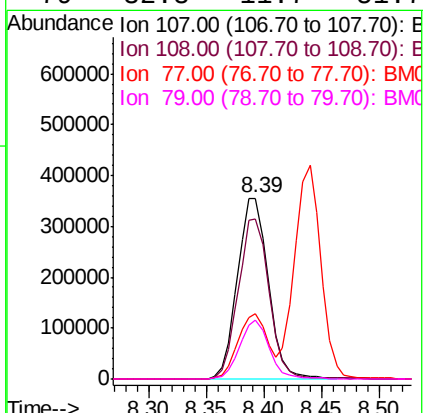
Ion Ratio Lower Upper

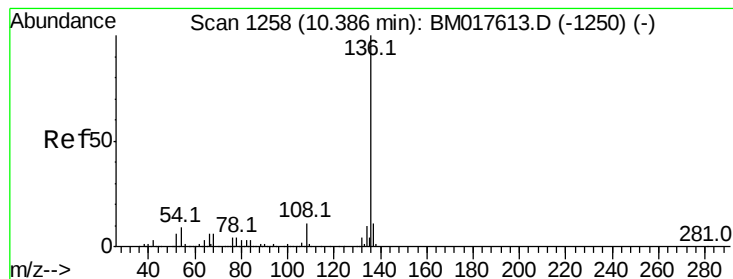
107 100

108 88.5 67.0 107.0

77 36.3 15.6 55.6

79 32.8 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: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

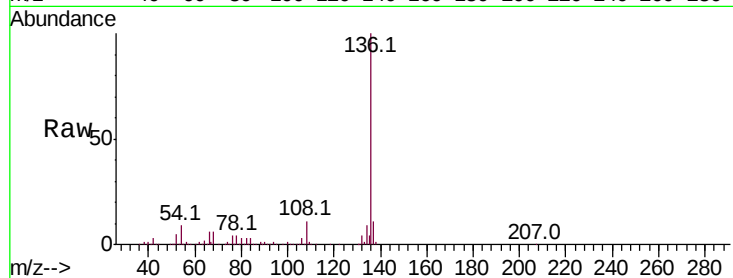
ClientSampleId :

RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.6	12.8	
54	9.2	7.0	10.6	
68	6.3	4.9	7.3	

Manual Integrations
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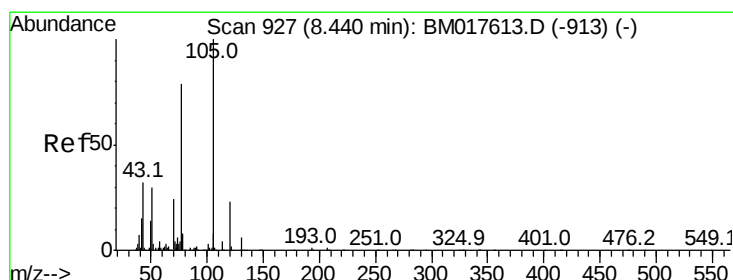
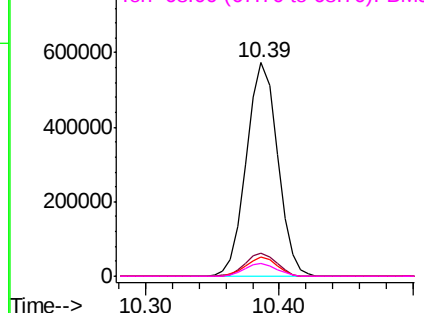
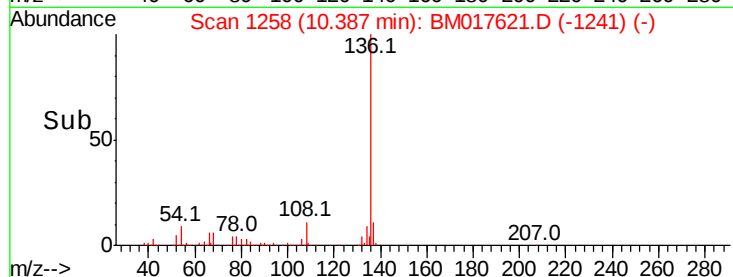
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 36.723 ng

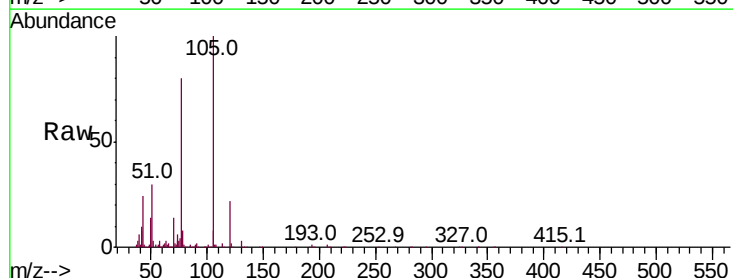
RT: 8.44 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.5	3.1	4.7#	
51	30.4	23.8	35.8	
120	21.7	18.0	27.0	



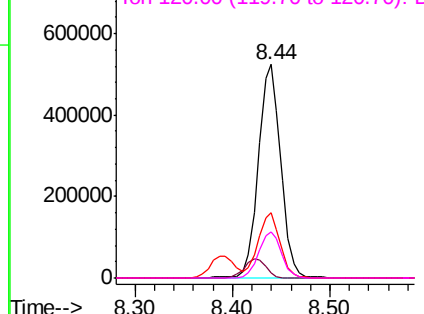
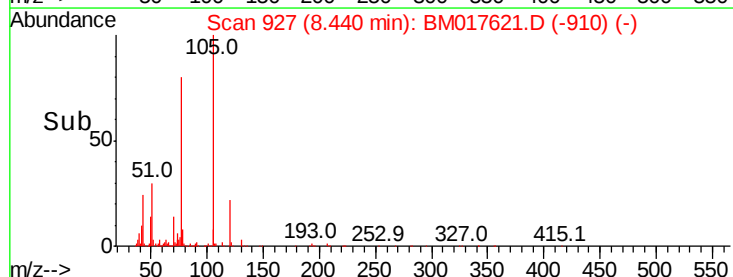
Abundance

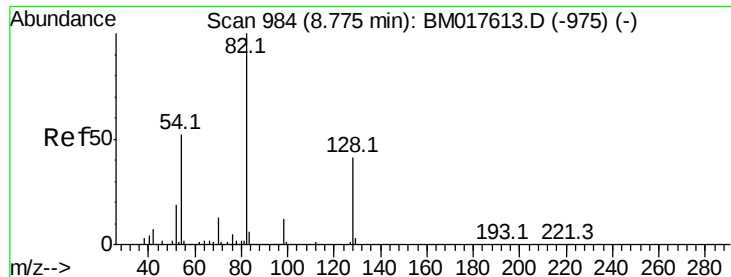
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





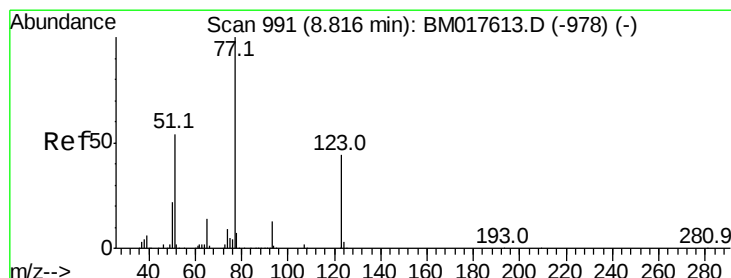
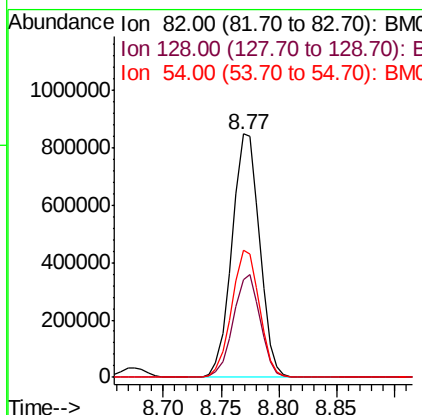
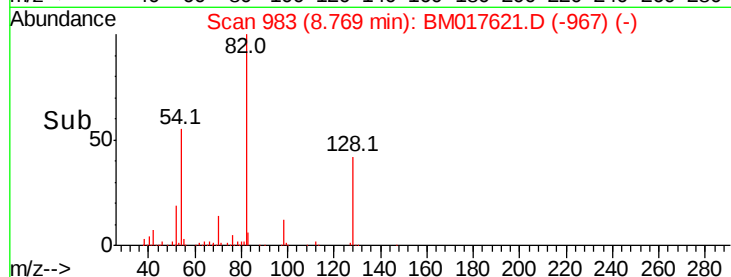
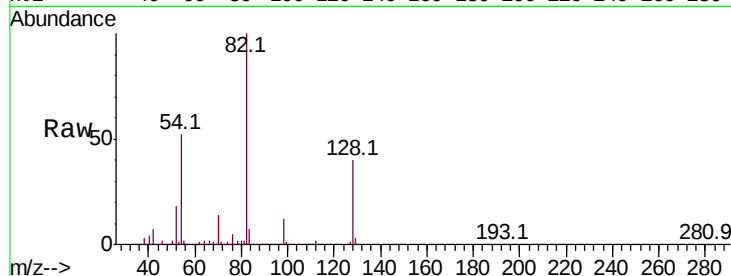
#23
Nitrobenzene-d5
Concen: 78.660 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.2	33.0	49.4
54	52.4	41.4	62.2

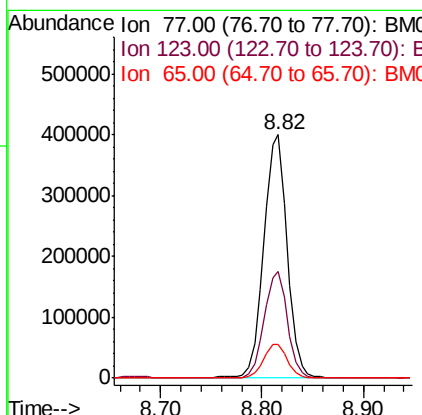
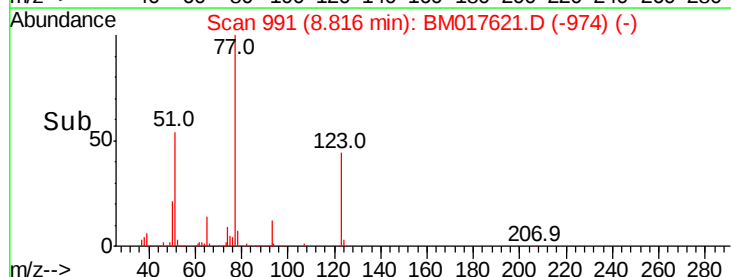
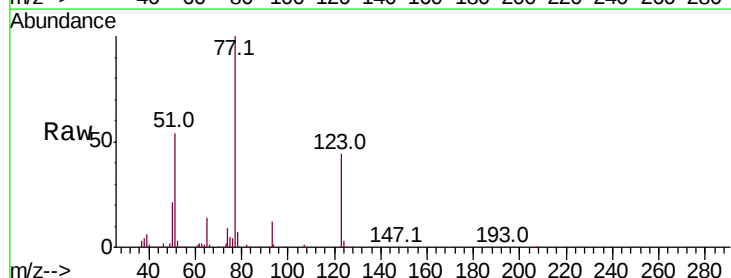
Manual Integrations
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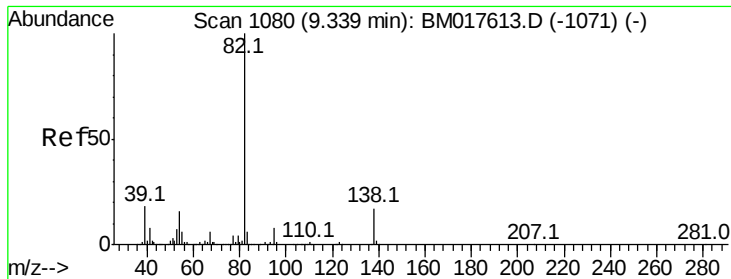
Sohil
11/13/2018 2:25:38 PM



#24
Nitrobenzene
Concen: 35.606 ng
RT: 8.82 min Scan# 991
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.1	52.7
65	13.7	11.0	16.6





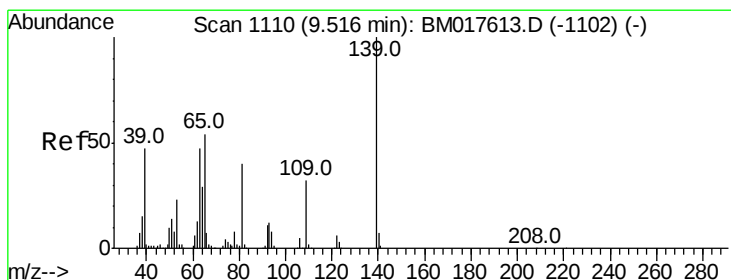
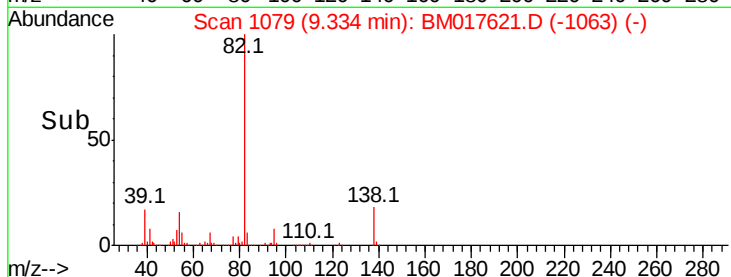
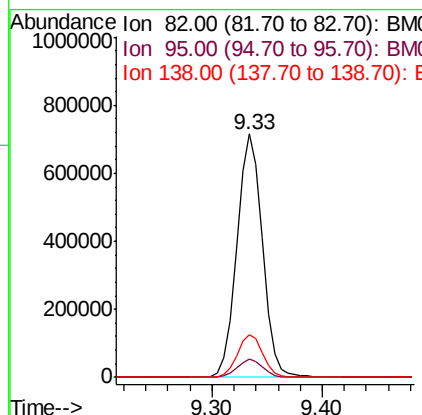
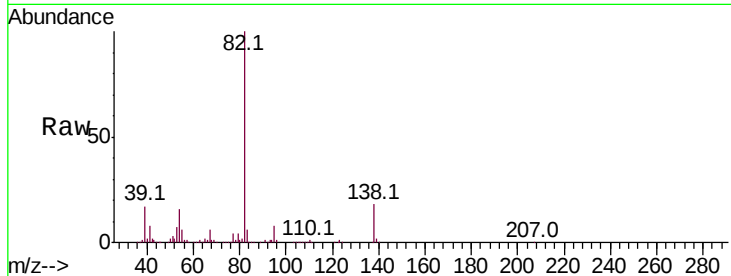
#25
Isophorone
Concen: 41.839 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.1	9.1
138	17.8	13.9	20.9

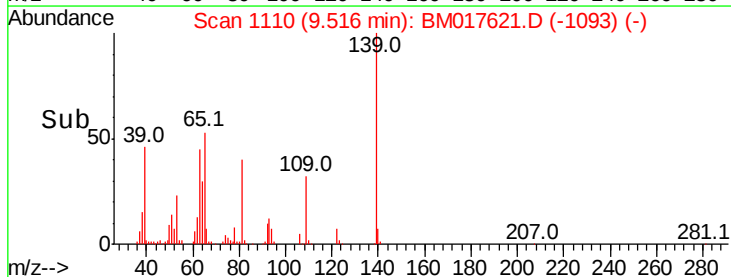
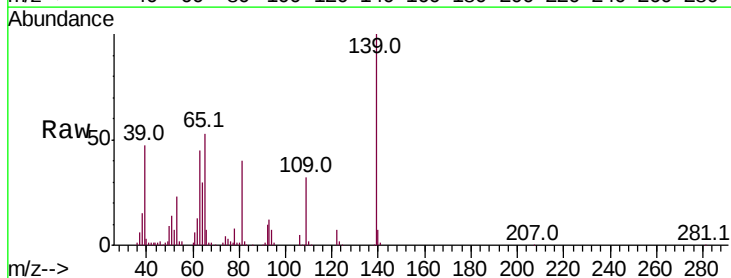
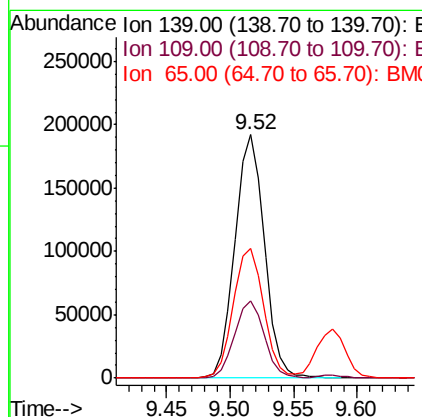
Manual Integrations
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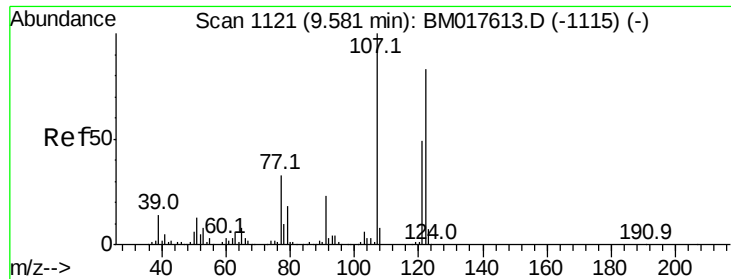
Sohil
11/13/2018 2:25:38 PM



#26
2-Nitrophenol
Concen: 36.907 ng
RT: 9.52 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.5	25.9	38.9
65	53.2	43.0	64.4





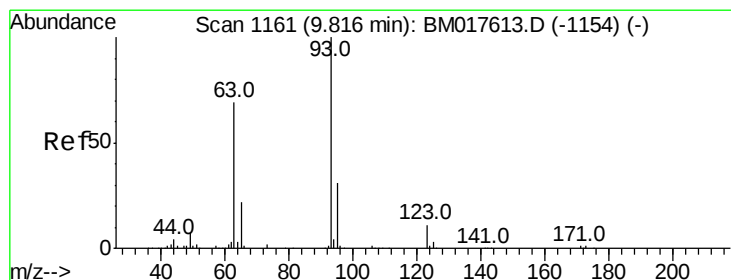
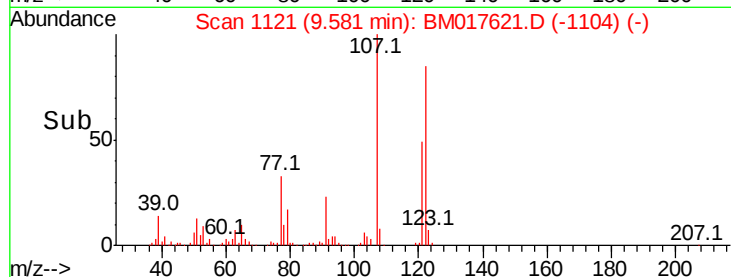
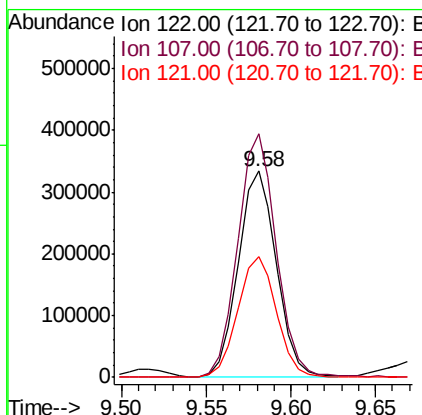
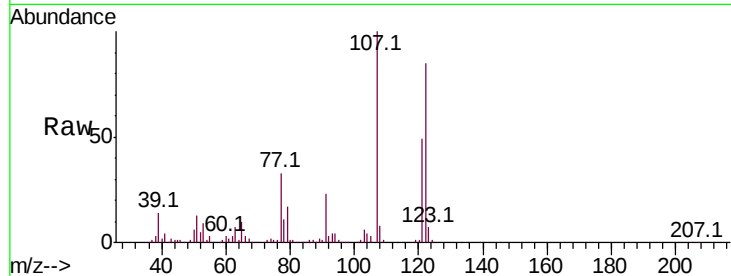
#27
 2,4-Dimethylphenol
 Concen: 43.204 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampled :
 RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	522921		
107	118.2	95.8	143.8	
121	58.4	47.2	70.8	

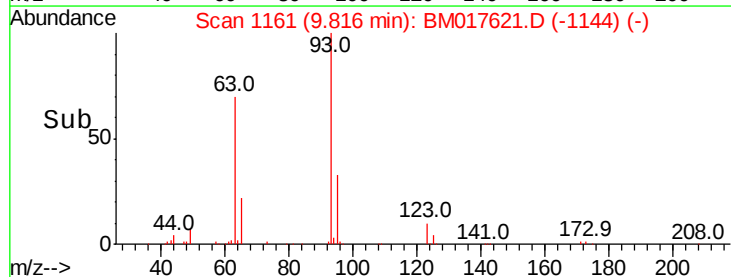
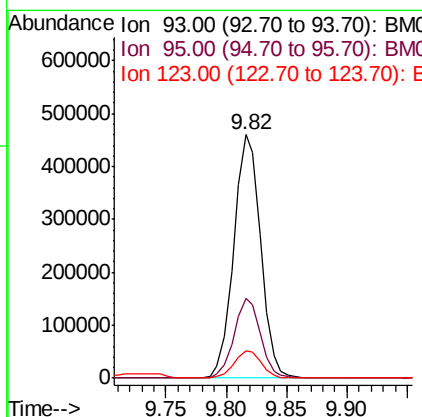
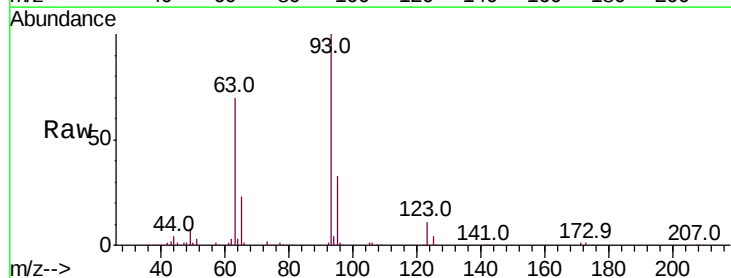
Manual Integrations
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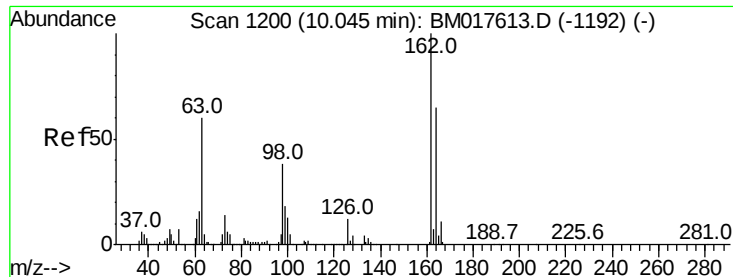
Sohil
 11/13/2018 2:25:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.135 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	716881		
95	32.8	24.9	37.3	
123	11.3	8.7	13.1	





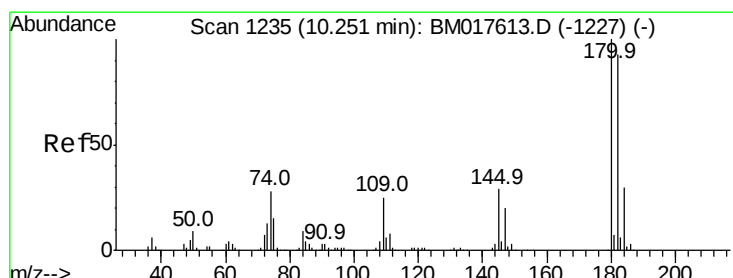
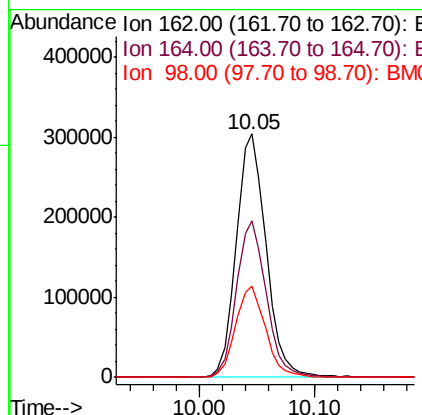
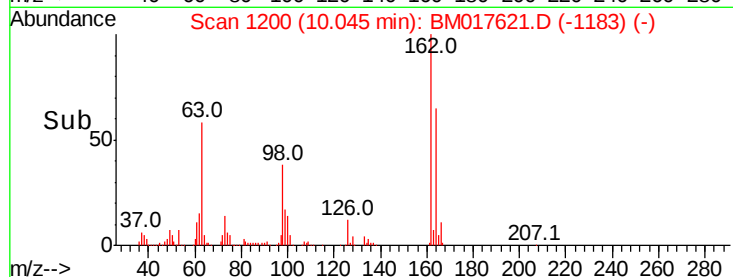
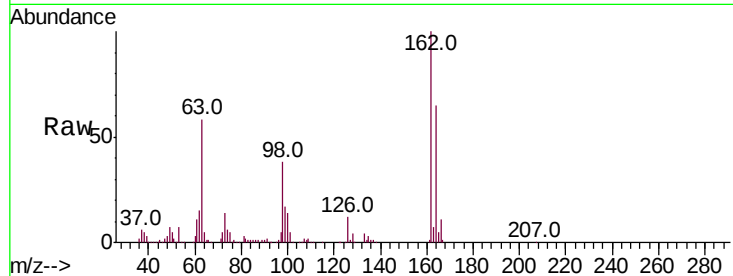
#29
 2,4-Dichlorophenol
 Concen: 38.871 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	546147		
164	64.5	45.0	85.0	
98	37.6	17.5	57.5	

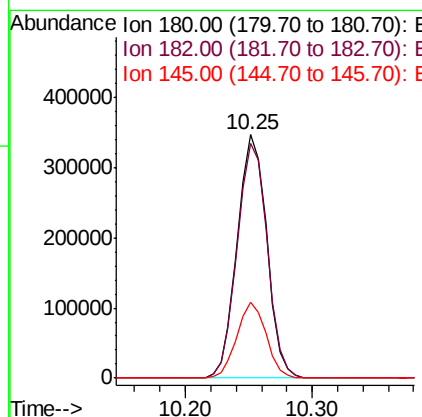
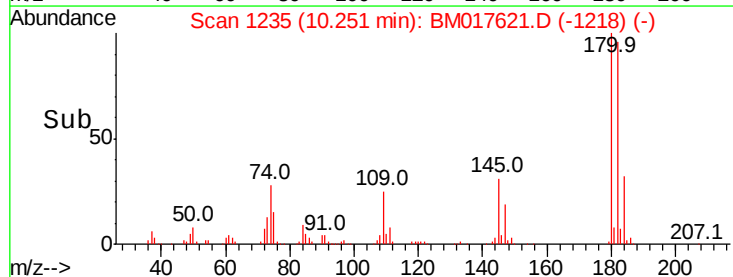
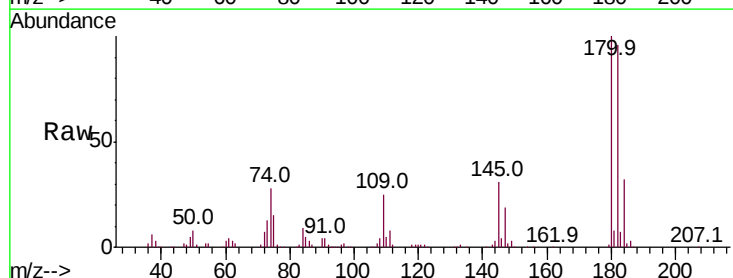
Manual Integrations
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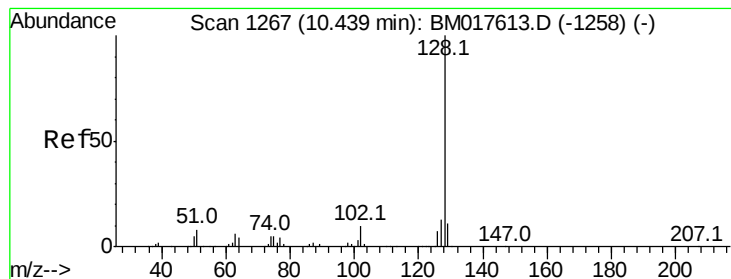
Sohil
 11/13/2018 2:25:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.407 ng
 RT: 10.25 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	562265		
182	96.2	74.4	111.6	
145	31.2	23.5	35.3	





#31

Naphthalene

Concen: 38.272 ng

RT: 10.44 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:128 Resp: 1745762

Ion Ratio Lower Upper

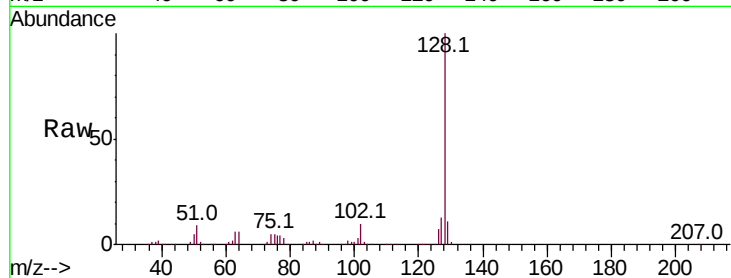
128 100

129 10.7 8.6 12.8

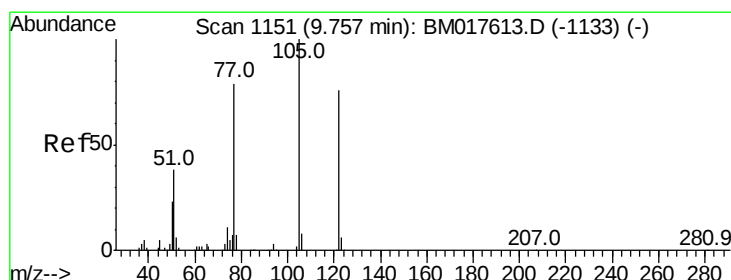
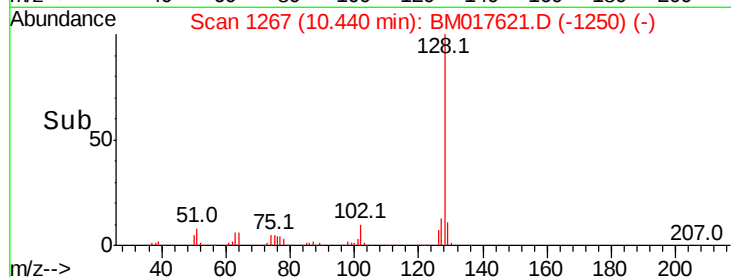
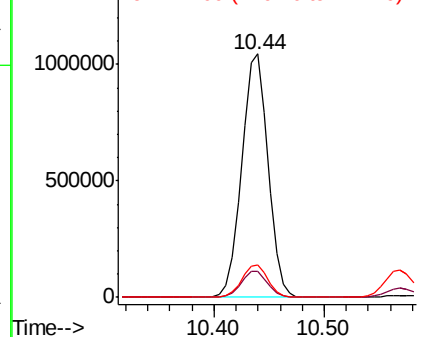
127 13.4 10.3 15.5

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.056 ng m

RT: 9.74 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

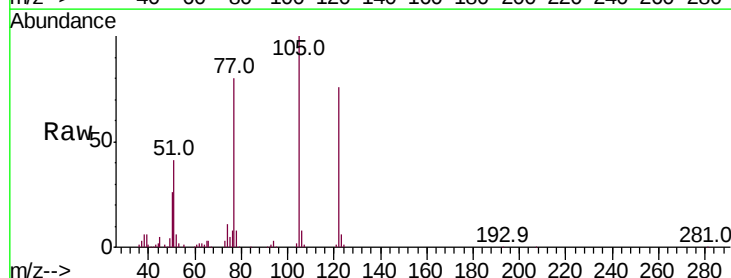
Tgt Ion:122 Resp: 395324

Ion Ratio Lower Upper

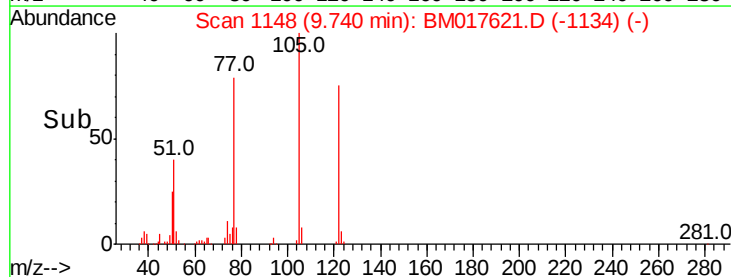
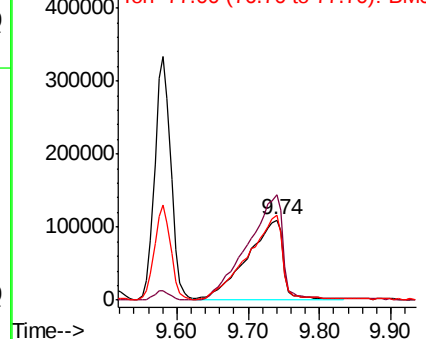
122 100

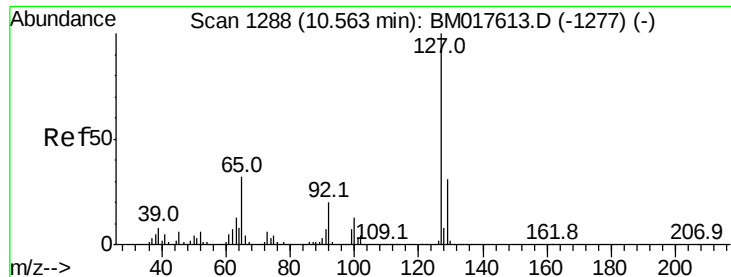
105 132.3 109.1 149.1

77 105.5 82.1 122.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





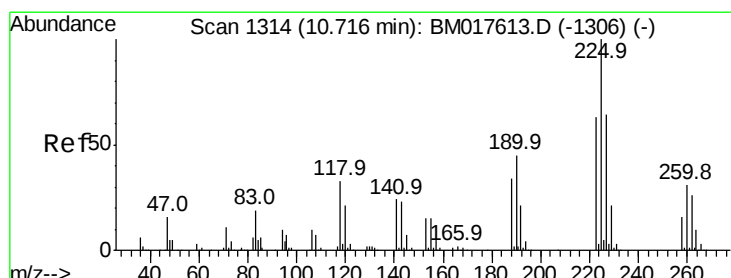
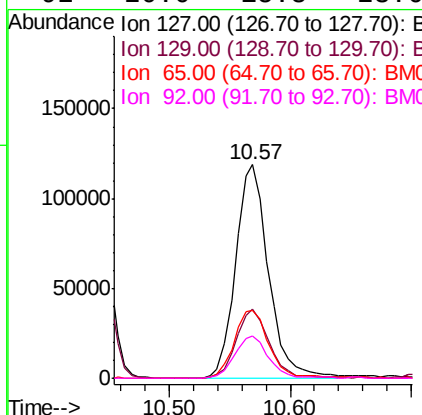
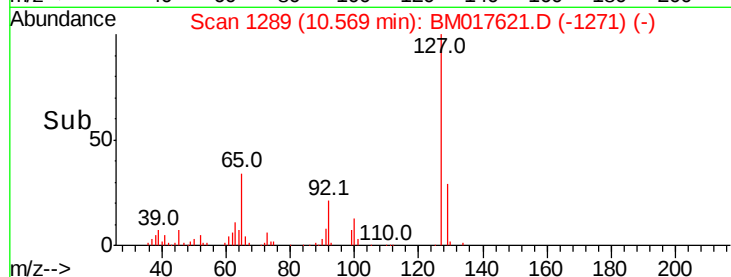
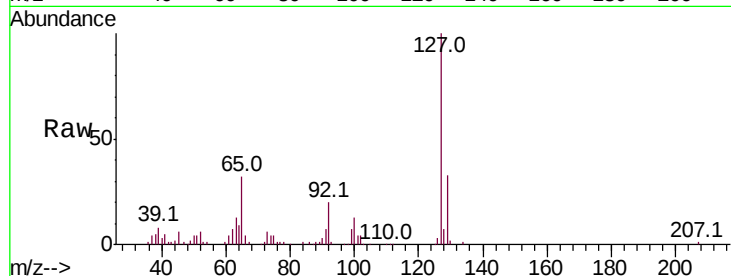
#33
4-Chloroaniline
Concen: 11.302 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.0	37.4	
65	31.7	25.8	38.8	
92	20.0	15.8	23.6	

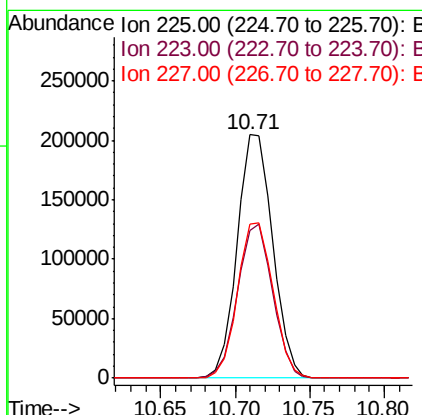
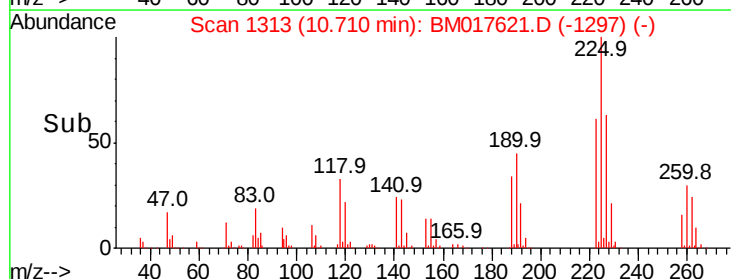
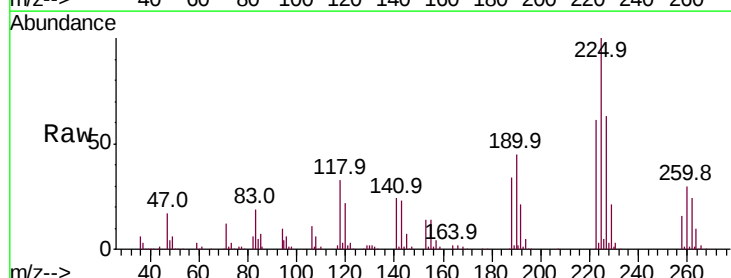
Manual Integrations
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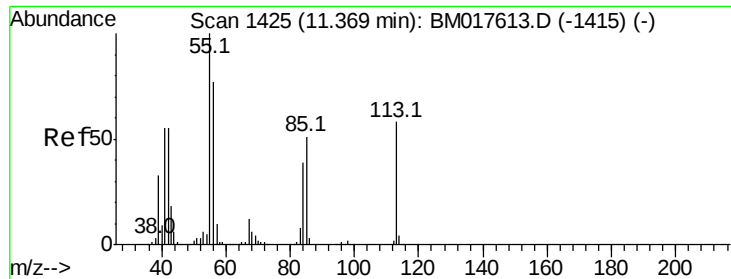
Sohil
11/13/2018 2:25:38 PM



#34
Hexachlorobutadiene
Concen: 33.340 ng
RT: 10.71 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	50.7	76.1	
227	63.1	51.0	76.4	





#35

Caprolactam

Concen: 34.021 ng/ml

RT: 11.40 min Scan# 1431

Delta R.T. 0.04 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:113 Resp: 176031

Ion Ratio Lower Upper

113 100

55 163.6 153.1 193.1

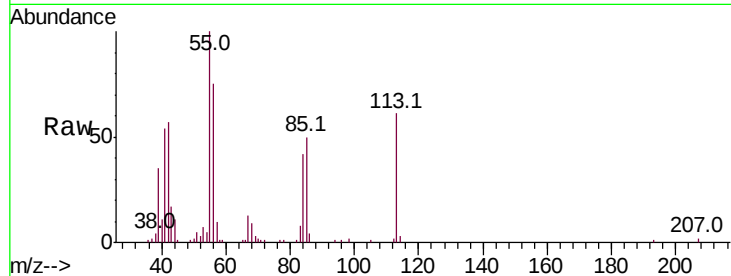
56 123.2 112.7 152.7

Manual Integrations

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Sohil

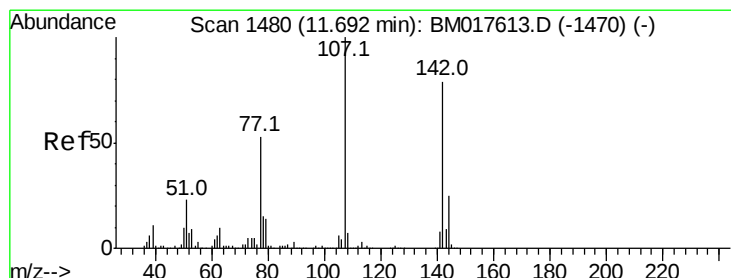
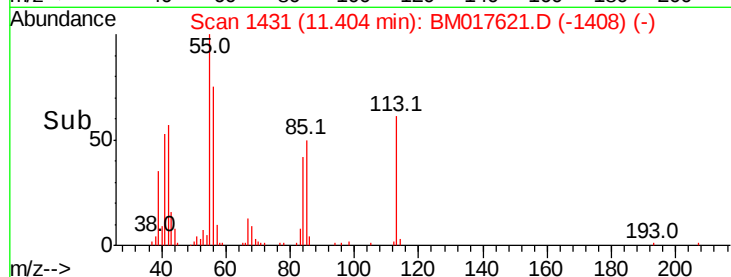
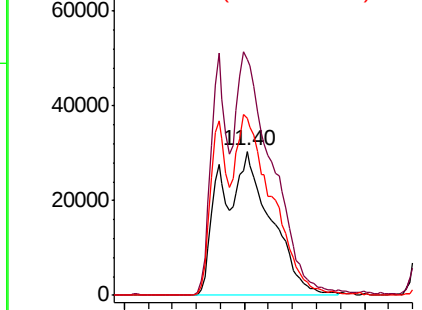
11/13/2018 2:25:38 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.974 ng/ml

RT: 11.69 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

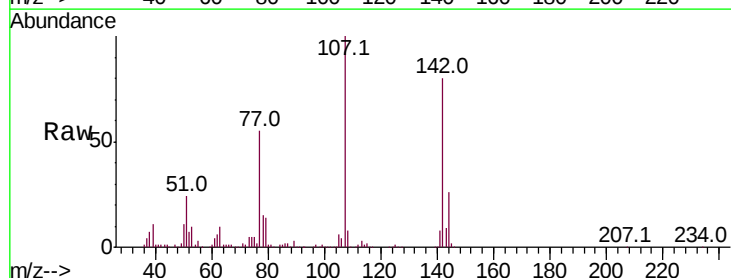
Tgt Ion:107 Resp: 616000

Ion Ratio Lower Upper

107 100

144 26.2 19.9 29.9

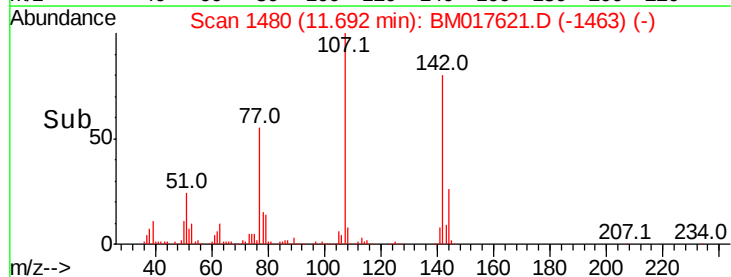
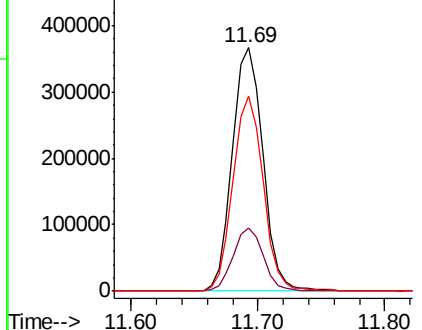
142 80.1 63.0 94.4

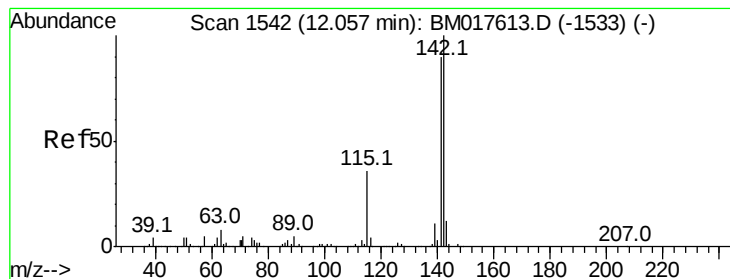


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.401 ng

RT: 12.06 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:142 Resp: 1302458

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.4

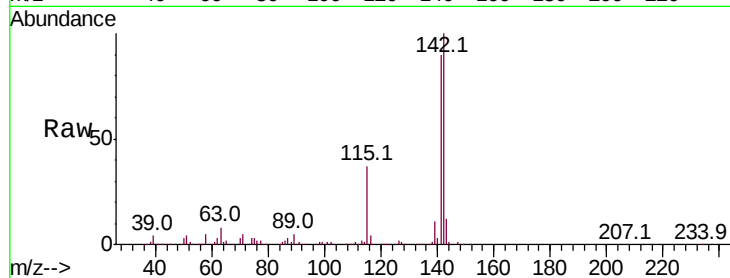
115 36.5 28.5 42.7

Manual Integrations

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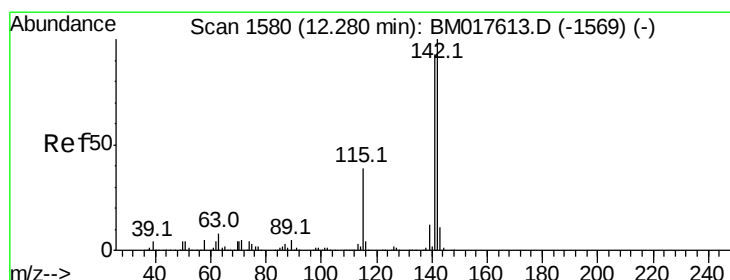
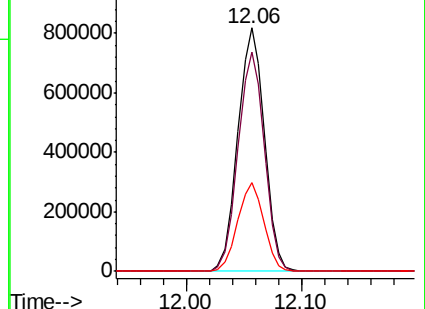
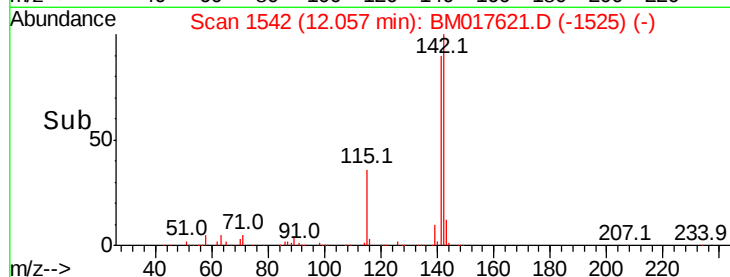
11/13/2018 2:25:38 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.935 ng

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

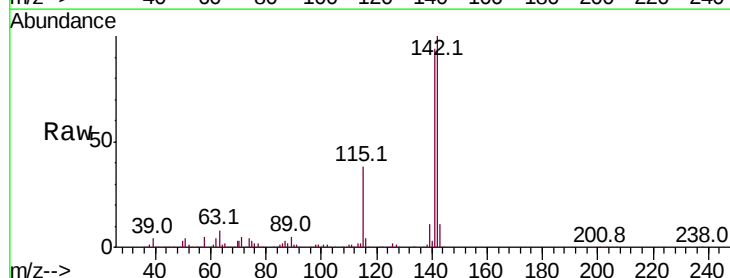
Tgt Ion:142 Resp: 1230741

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4

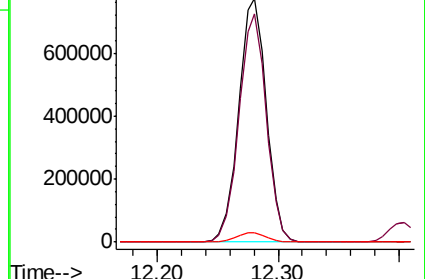
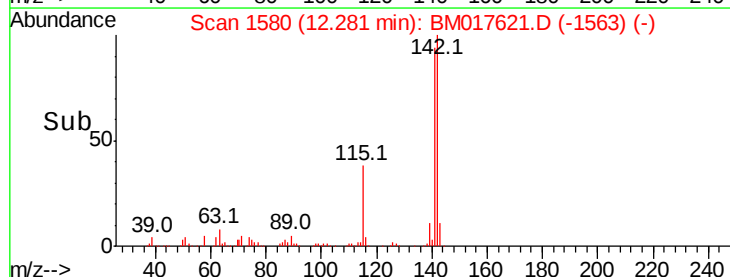
116 3.9 3.1 4.7

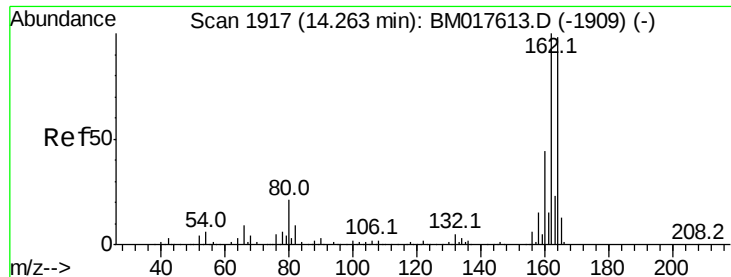


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

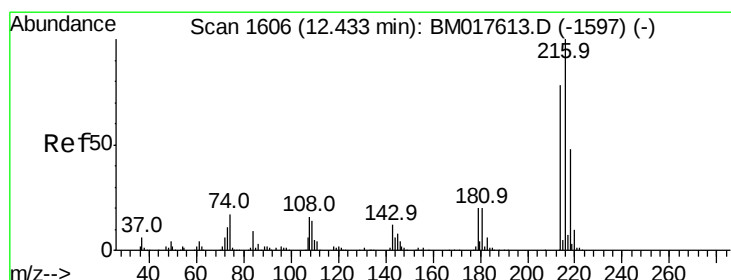
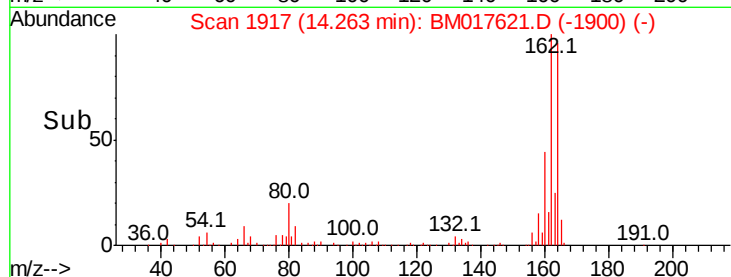
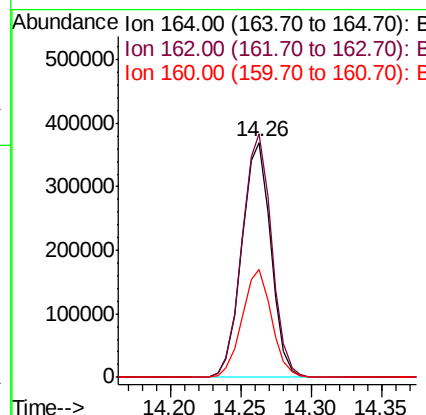
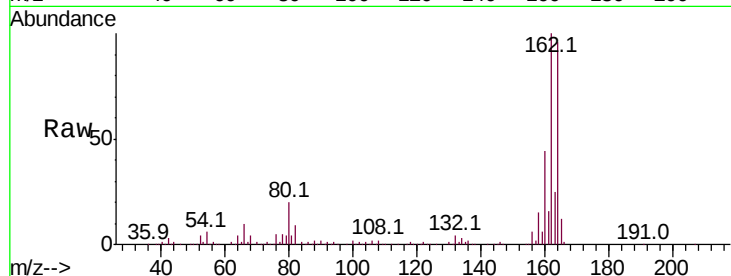
ClientSampleId :

RT-3263MSD

Tot Ion:	164	Resp:	530721
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.4	122.0
160	45.7	35.6	53.4

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.659 ng

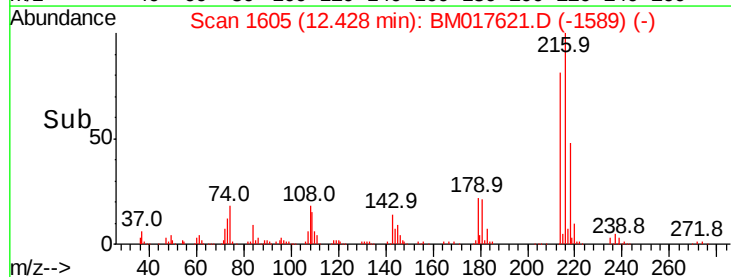
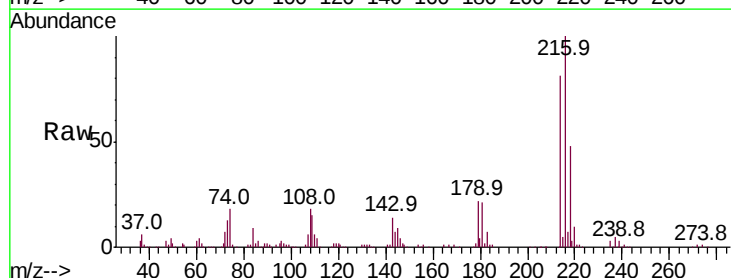
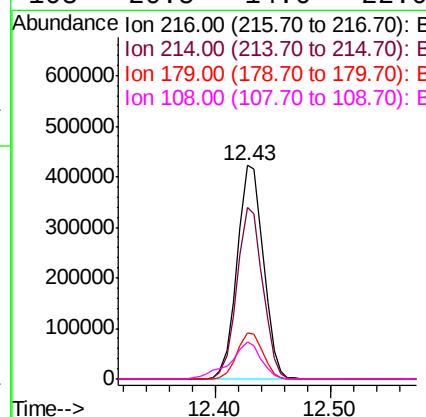
RT: 12.43 min Scan# 1605

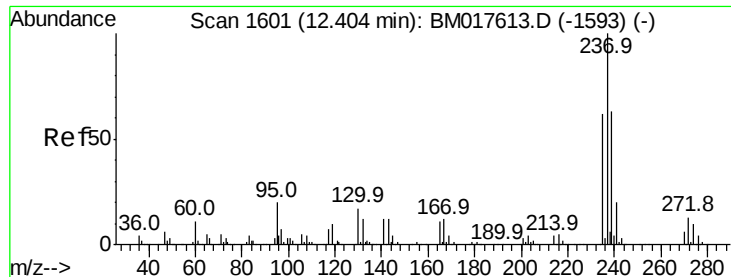
Delta R.T. -0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion:	216	Resp:	667353
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.5	93.7
179	21.3	16.8	25.2
108	20.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 81.852 ng

RT: 12.40 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

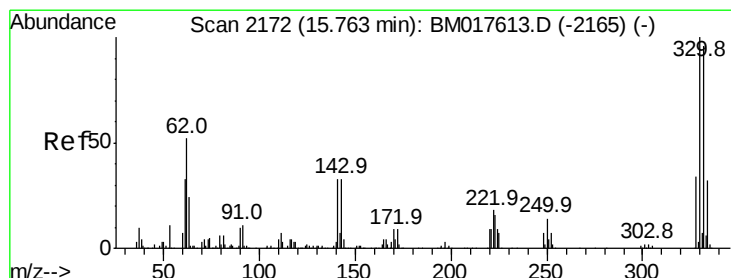
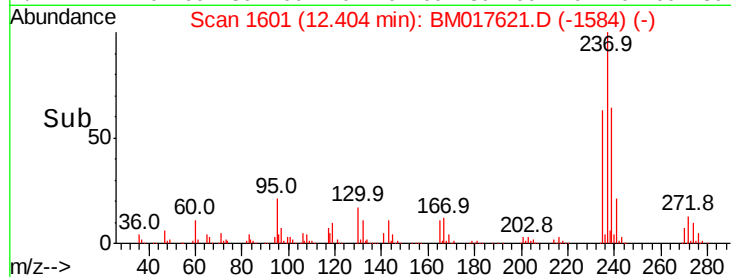
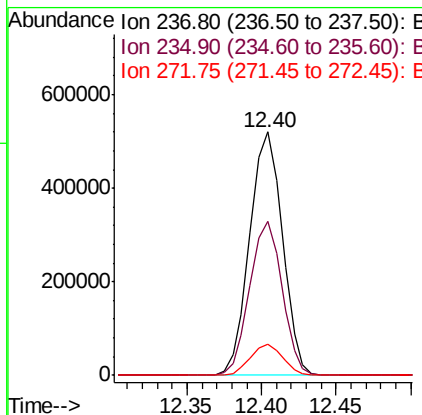
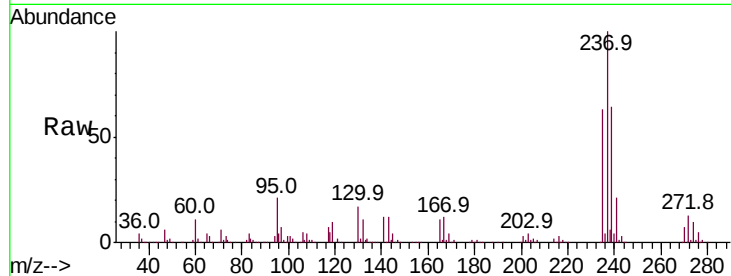
ClientSampleId :

RT-3263MSD

Tot Ion:	237	Resp:	791552
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.2	82.2
272	13.0	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 123.730 ng

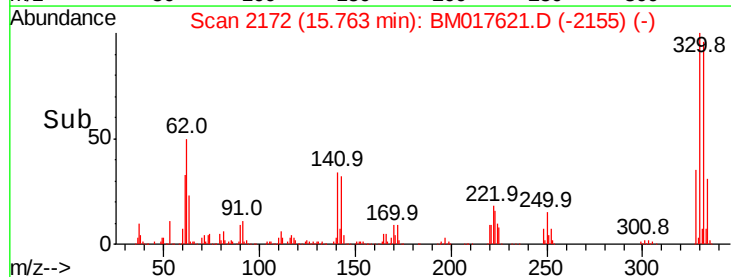
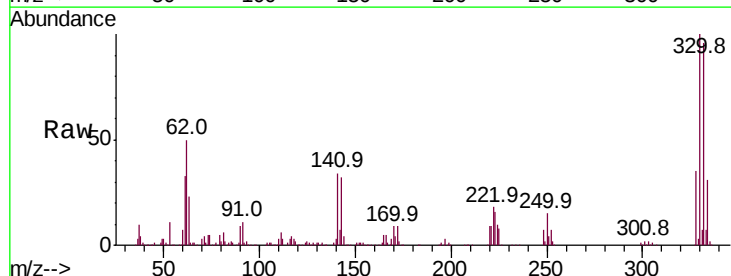
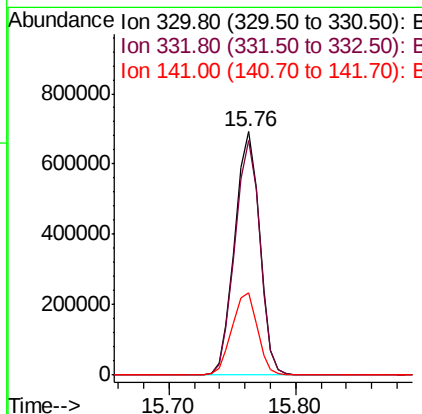
RT: 15.76 min Scan# 2172

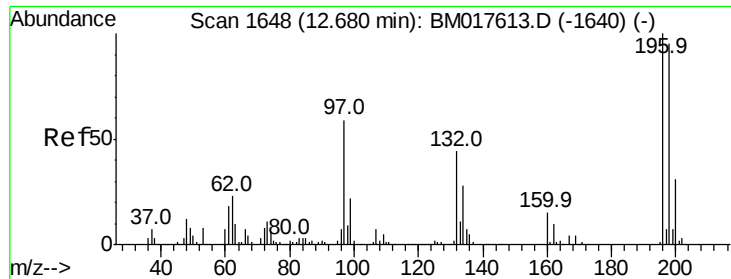
Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Tgt Ion:	330	Resp:	943526
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.9	116.9
141	34.3	27.5	41.3





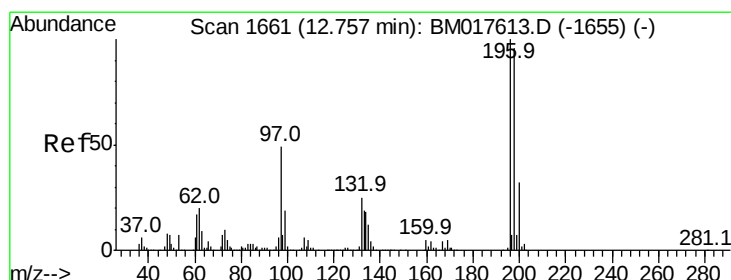
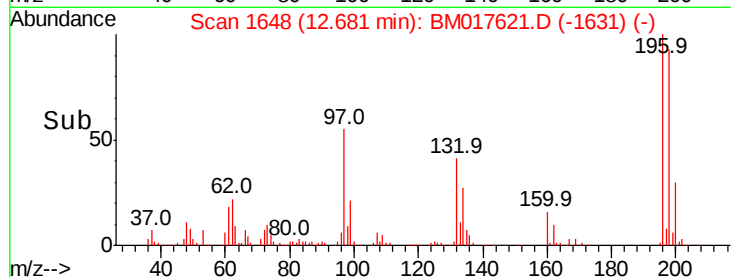
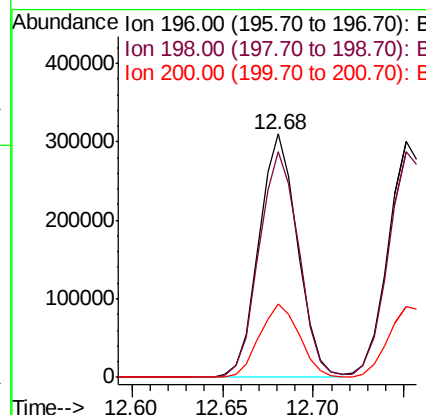
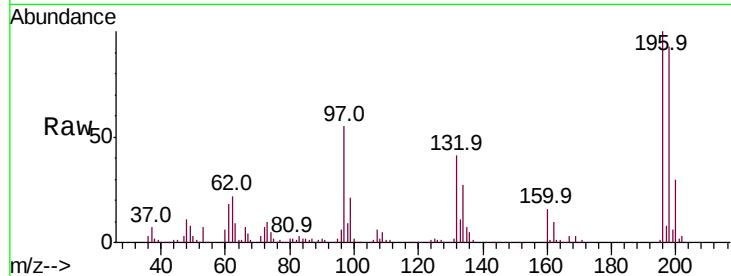
#43
 2,4,6-Trichlorophenol
 Concen: 39.110 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	458457		
198	92.8	75.6	113.4	
200	29.9	24.8	37.2	

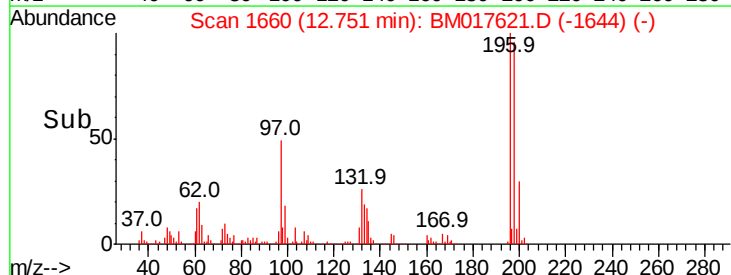
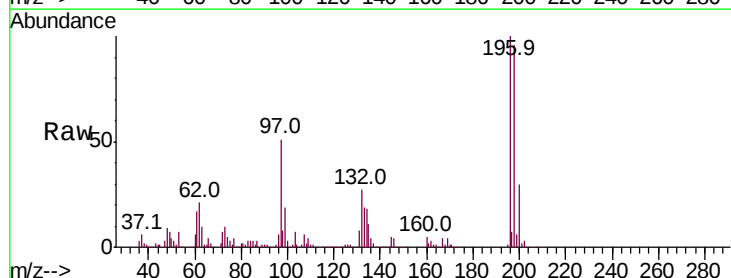
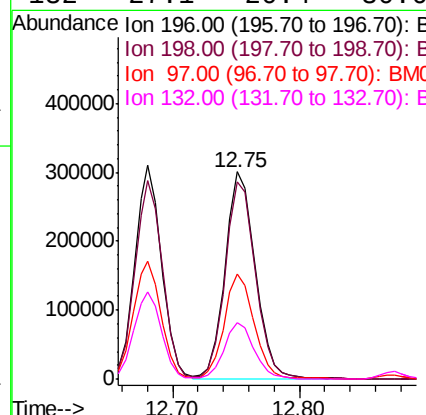
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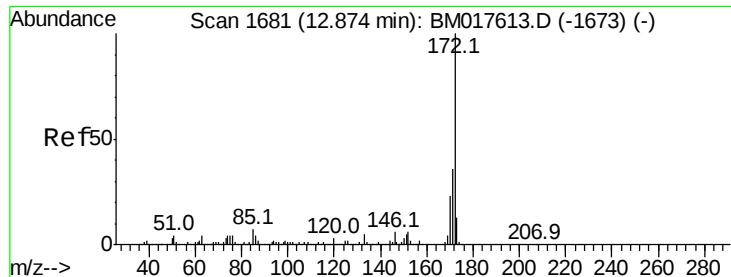
Sohil
 11/13/2018 2:25:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.730 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	491744		
198	95.6	76.8	115.2	
97	50.7	39.0	58.6	
132	27.1	20.4	30.6	





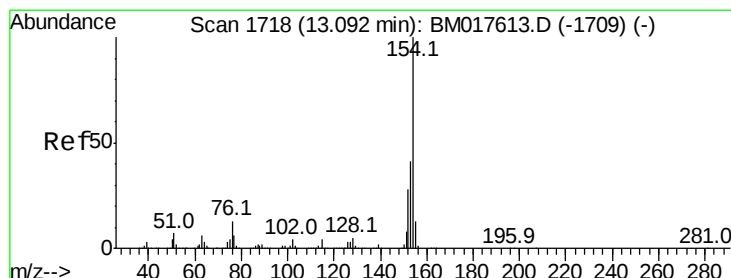
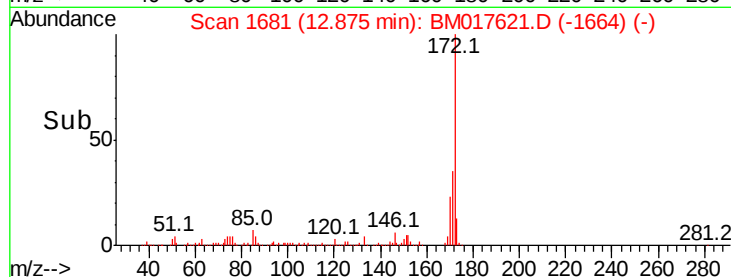
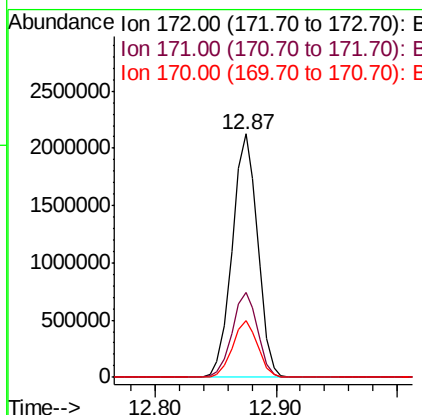
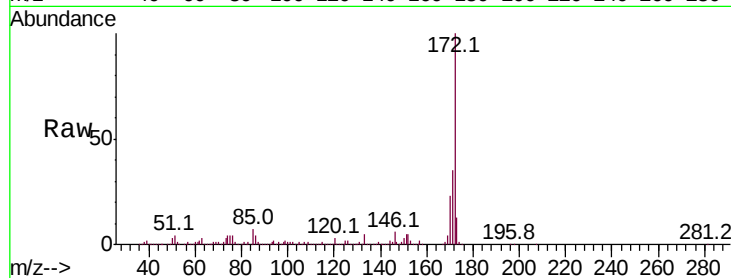
#45
2-Fluorobiphenyl
Concen: 76.102 ng
RT: 12.87 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	23.2	18.3	27.5

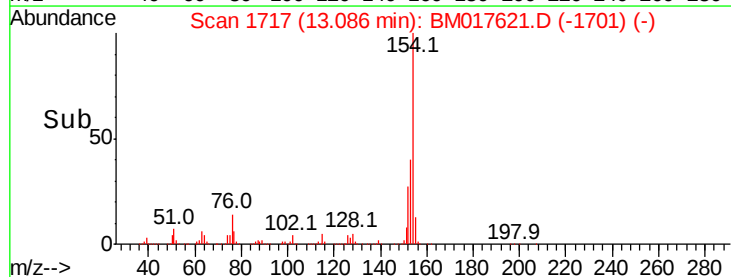
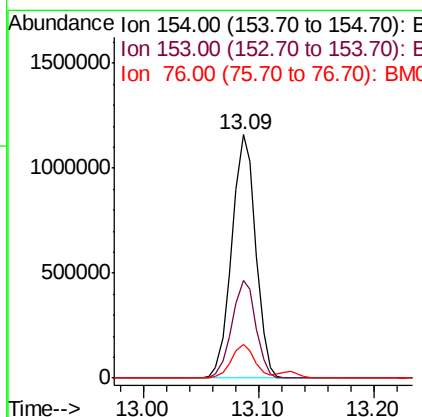
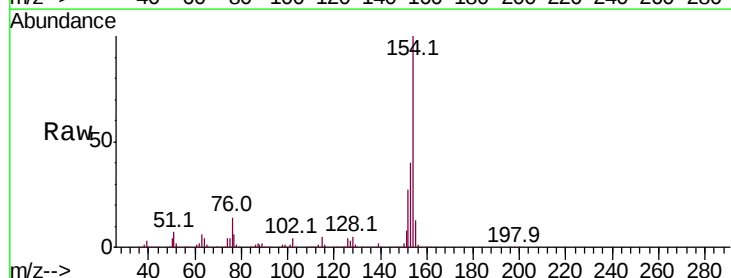
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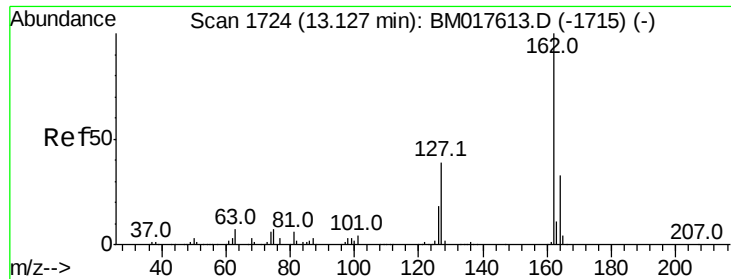
Sohil
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#46
1,1'-Biphenyl
Concen: 34.918 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	13.6	0.0	32.8





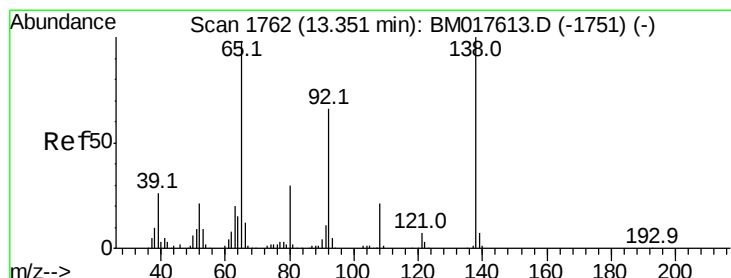
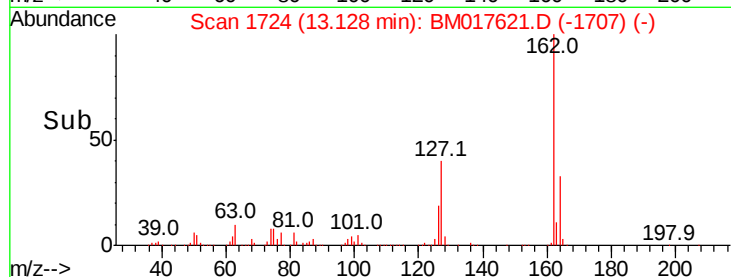
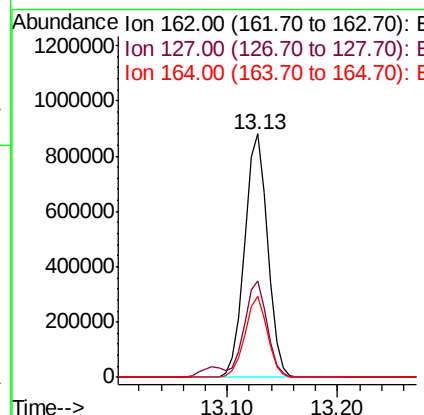
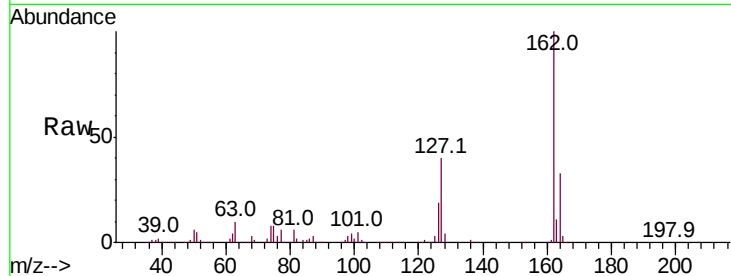
#47
2-Chloronaphthalene
Concen: 36.638 ng
RT: 13.13 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.6	48.8
164	33.4	26.5	39.7

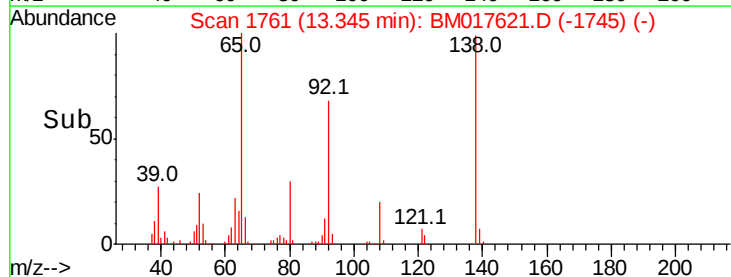
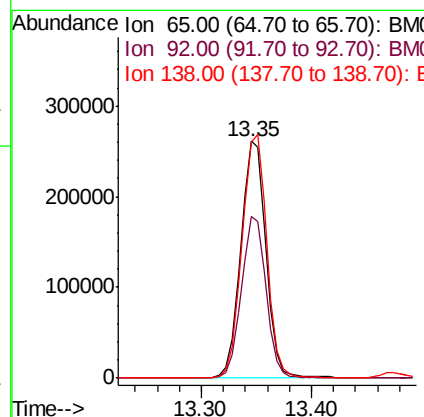
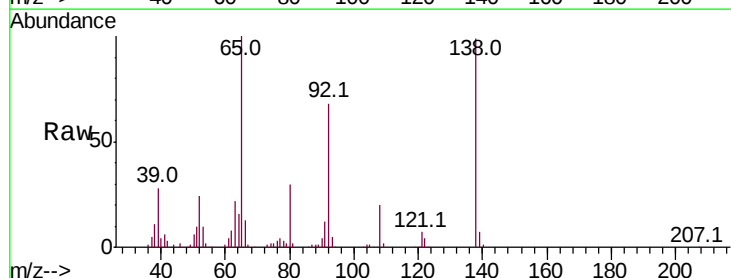
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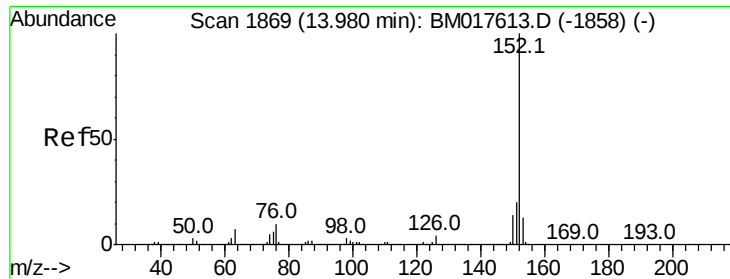
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#48
2-Nitroaniline
Concen: 38.285 ng
RT: 13.35 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.7	80.5
138	99.3	81.5	122.3





#49

Acenaphthylene

Concen: 39.988 ng

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

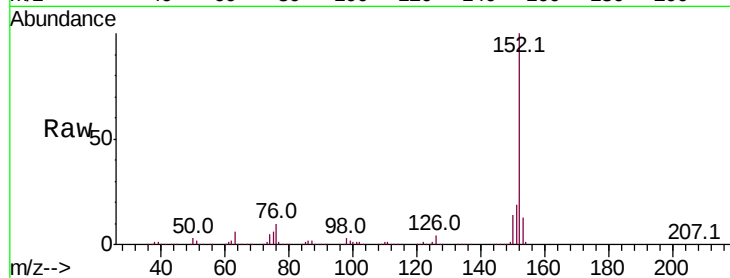
ClientSampleId :

RT-3263MSD

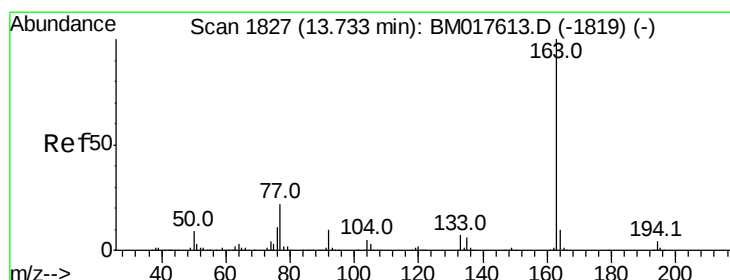
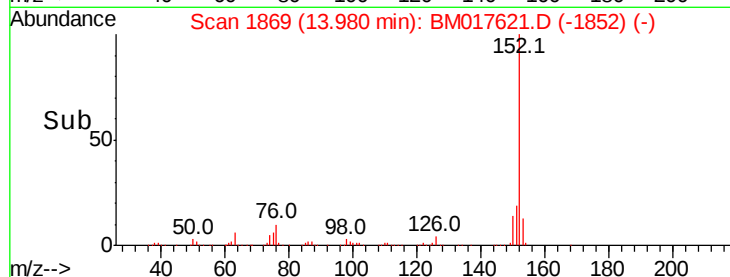
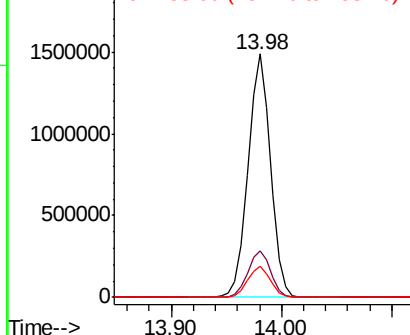
Tot Ion:	152	Resp:	2124364
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.9	10.5	15.7

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.348 ng

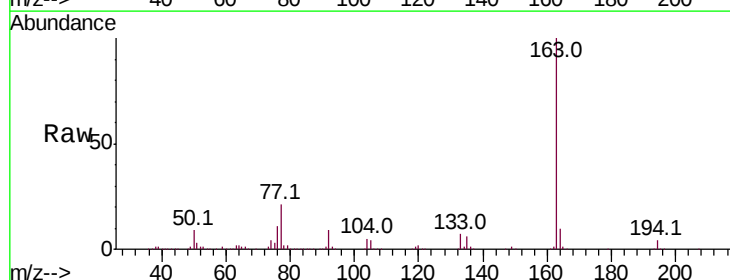
RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

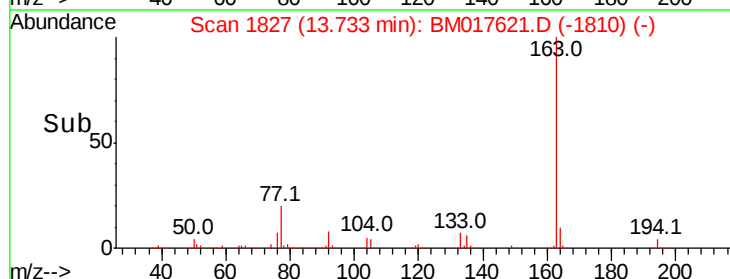
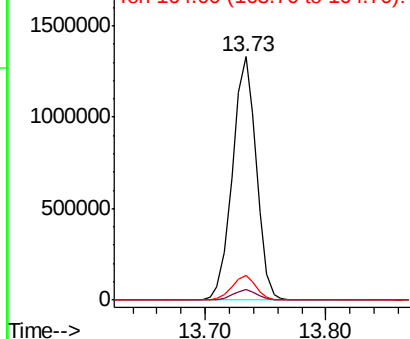
Lab File: BM017621.D

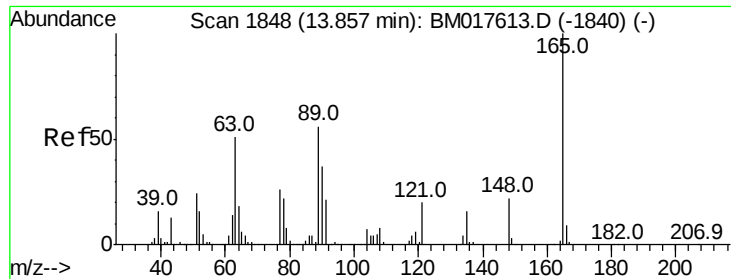
Acq: 12 Nov 2018 20:08

Tgt Ion:	163	Resp:	1827280
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	10.0	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





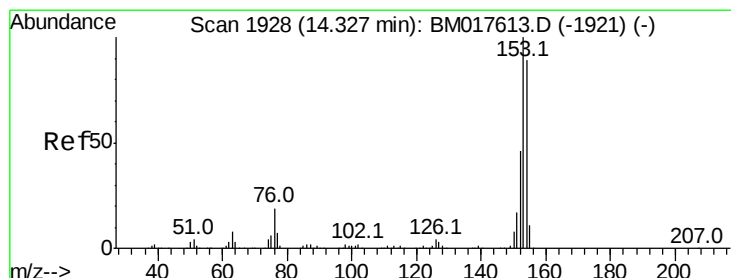
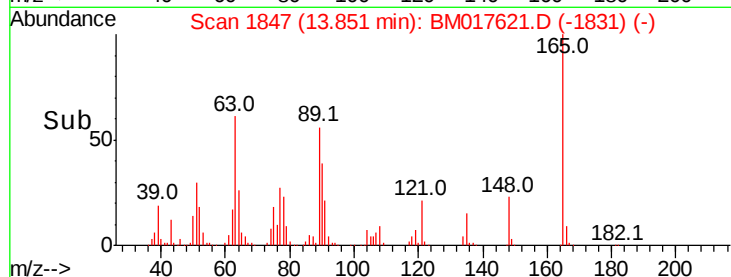
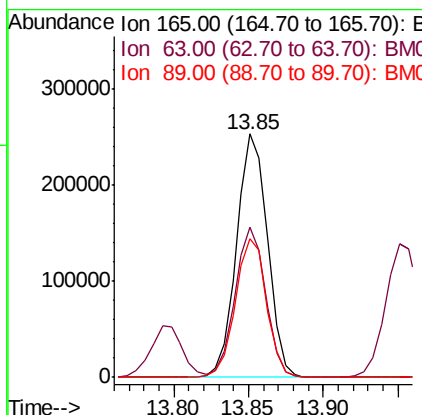
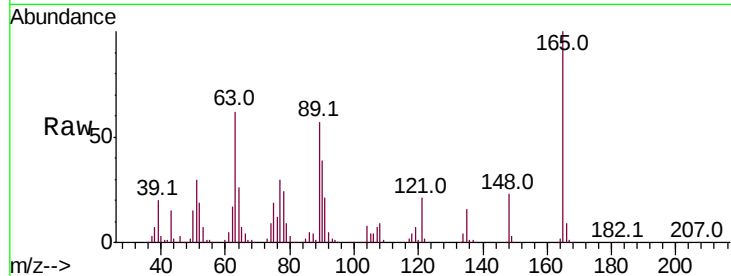
#51
 2,6-Dinitrotoluene
 Concen: 38.004 ng
 RT: 13.85 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.7	47.3	70.9
89	56.8	44.8	67.2

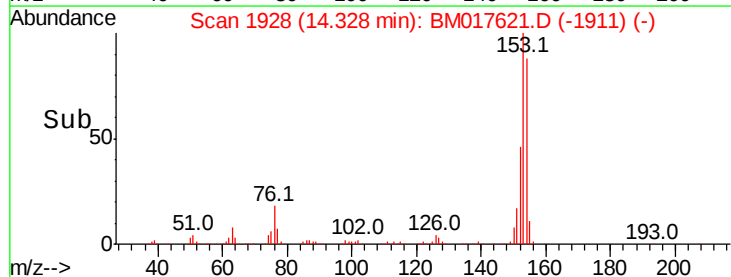
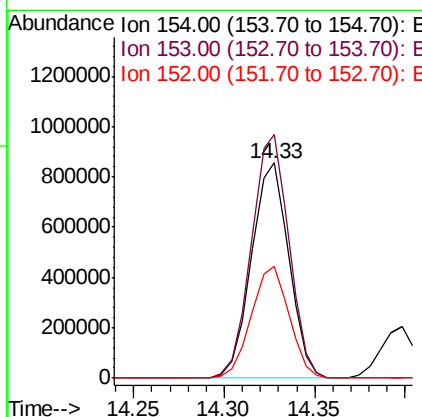
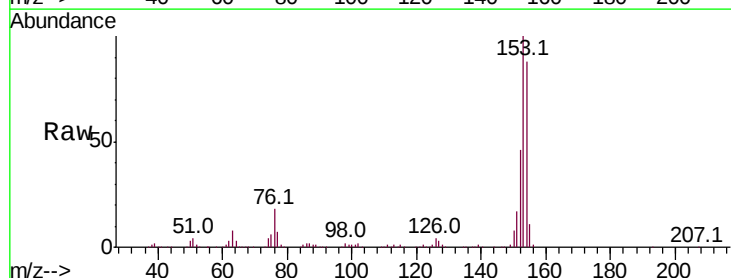
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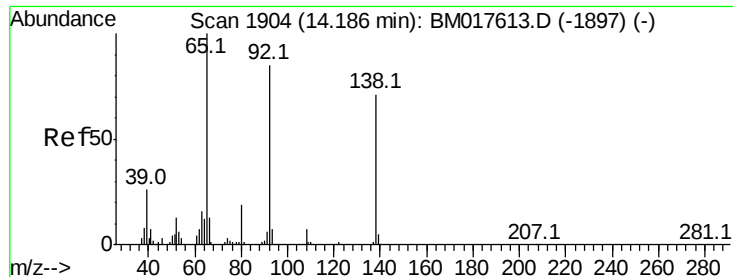
Sohil
 11/13/2018 2:25:38 PM



#52
 Acenaphthene
 Concen: 37.691 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.2	135.4
152	51.6	41.6	62.4





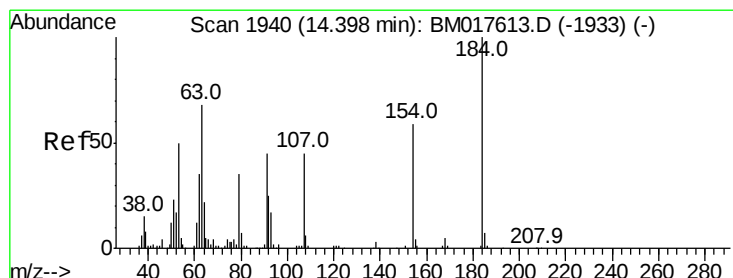
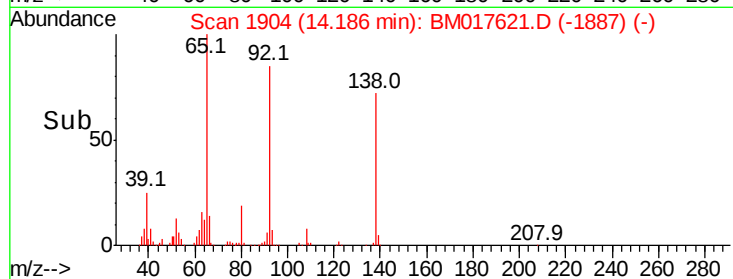
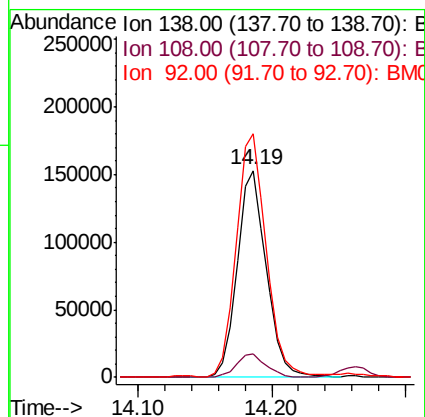
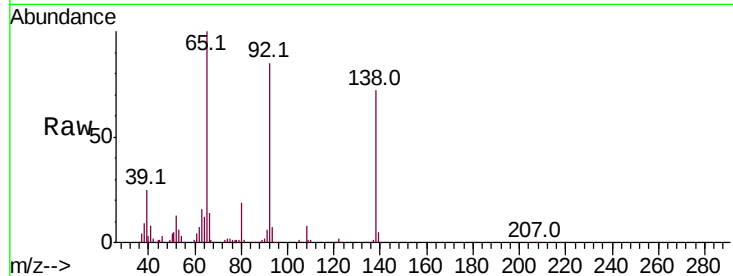
#53
3-Nitroaniline
Concen: 22.143 ng
RT: 14.19 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.2	12.2
92	117.8	95.4	143.2

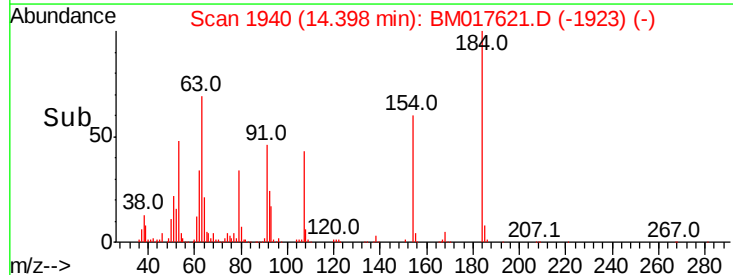
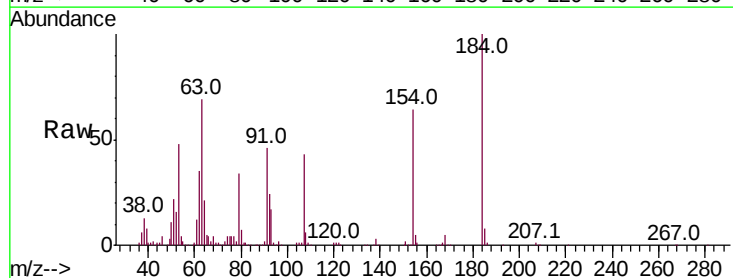
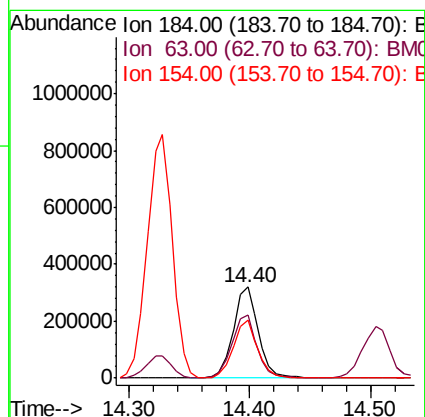
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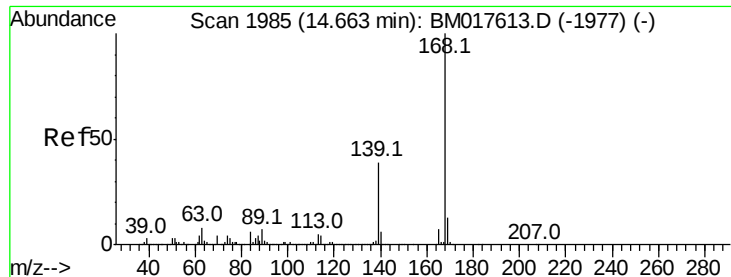
Sohil
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#54
2,4-Dinitrophenol
Concen: 78.451 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.1	55.1	82.7
154	64.0	51.3	76.9





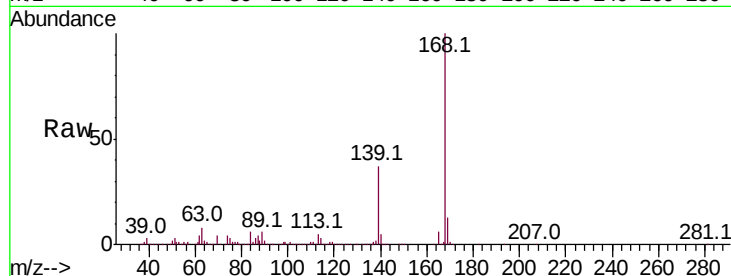
#55
Dibenzofuran
Concen: 37.330 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.0	46.6
169	13.1	10.6	16.0

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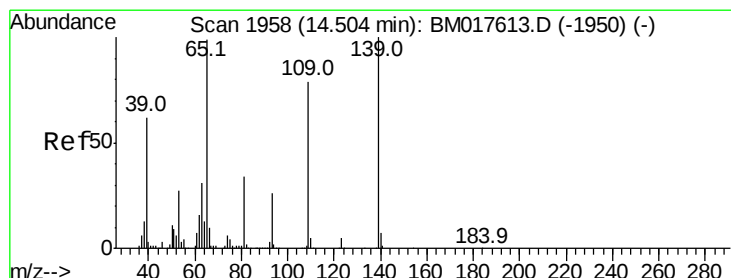
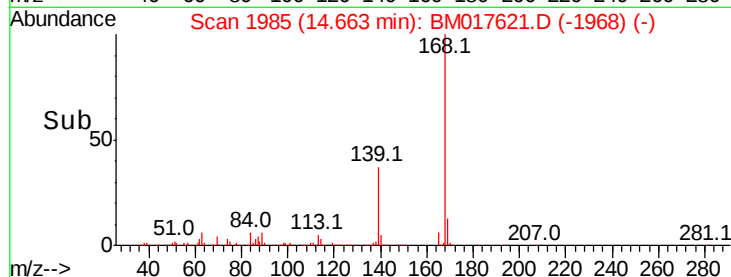
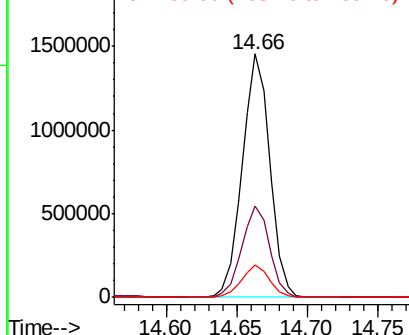


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 101.946 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

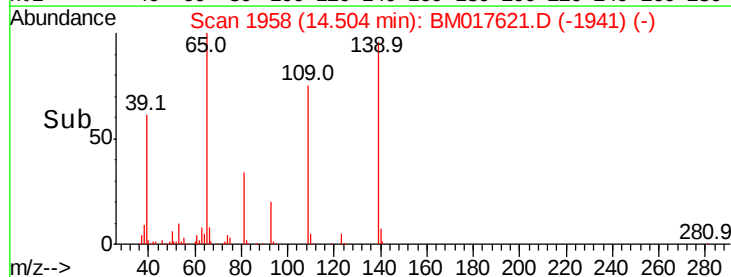
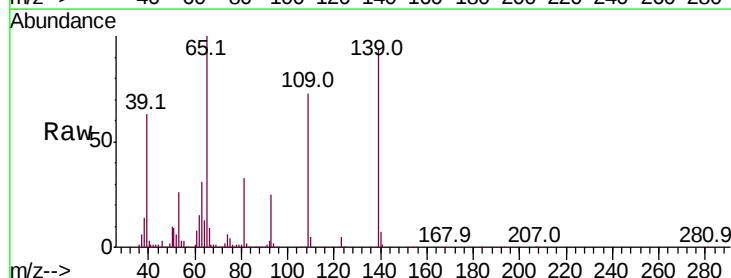
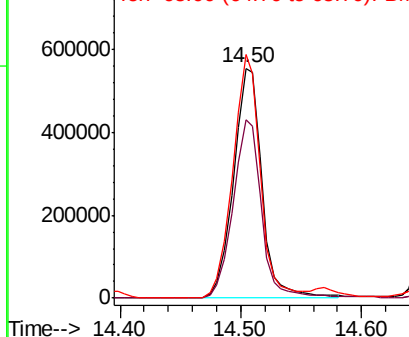
Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.8	58.6	98.6
65	105.9	79.5	119.5

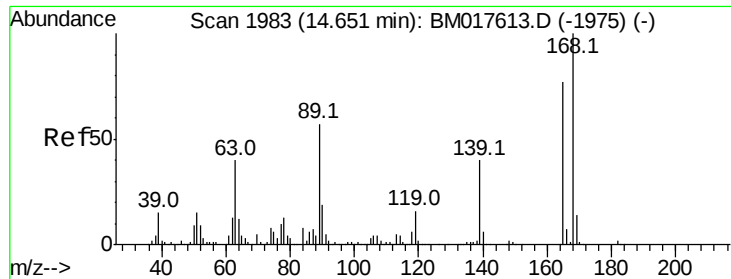
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





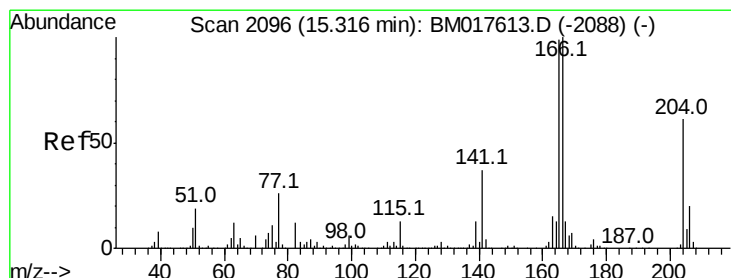
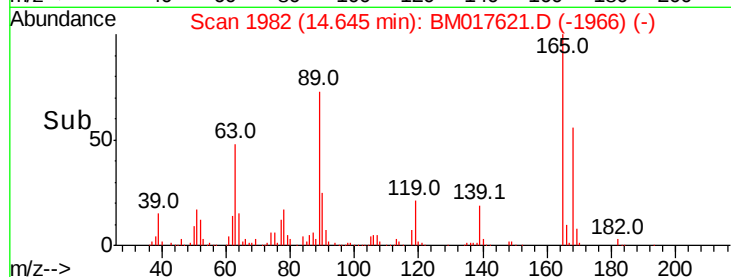
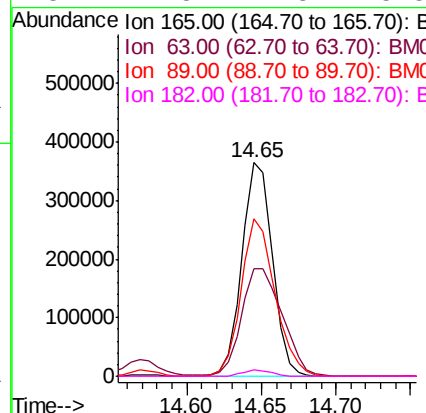
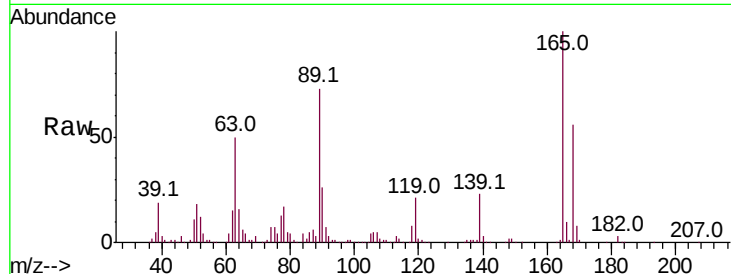
#57
2,4-Dinitrotoluene
Concen: 40.256 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.4	41.8	62.8	
89	73.4	59.5	89.3	
182	2.8	2.3	3.5	

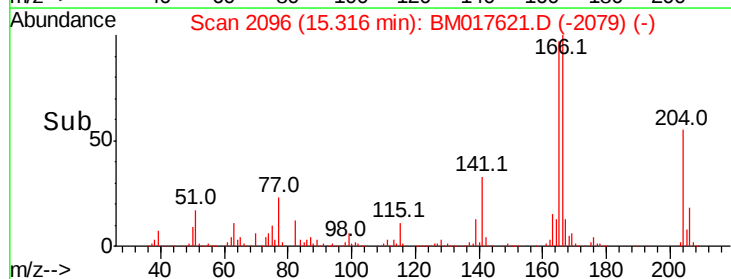
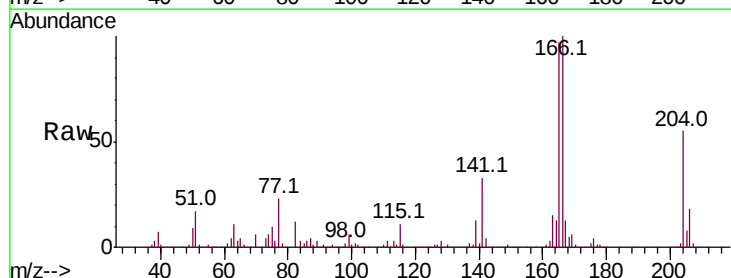
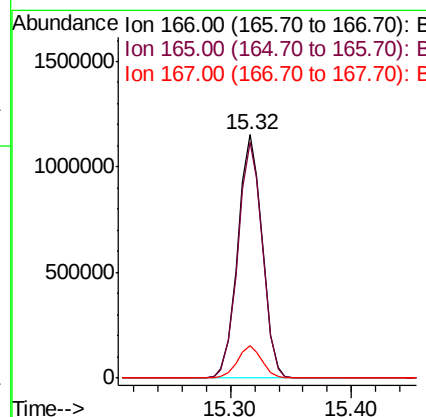
Manual Integrations
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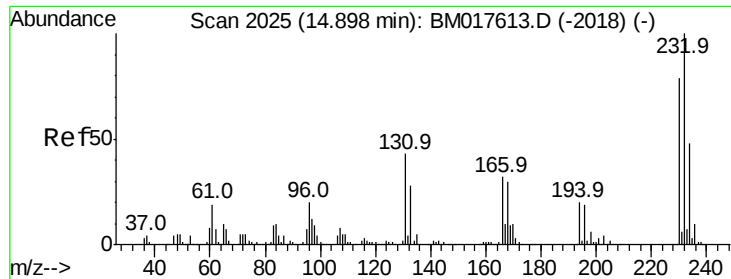
Sohil
11/13/2018 2:25:38 PM



#58
Fluorene
Concen: 39.810 ng
RT: 15.32 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.7	79.0	118.6	
167	13.2	10.8	16.2	





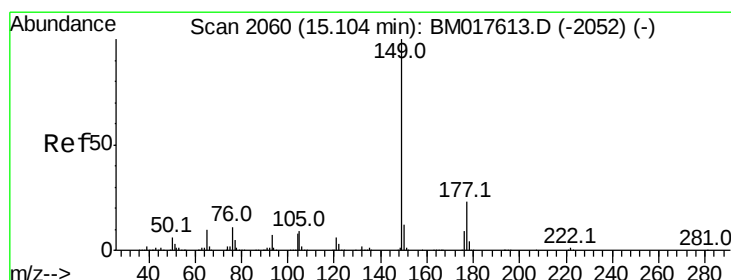
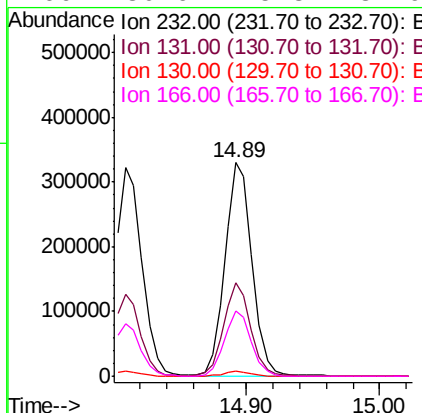
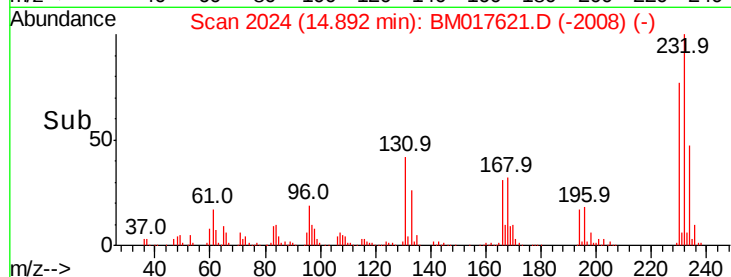
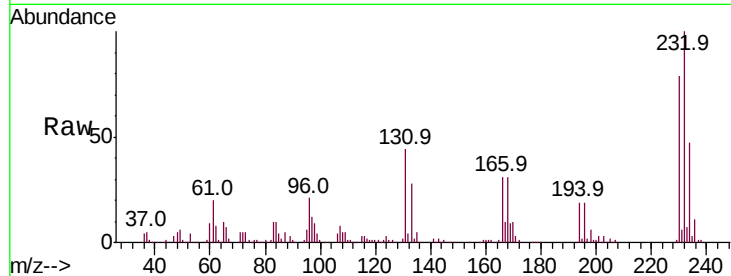
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.033 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	467125		
131	43.4		34.8	52.2
130	2.2		1.9	2.9
166	30.6		25.3	37.9

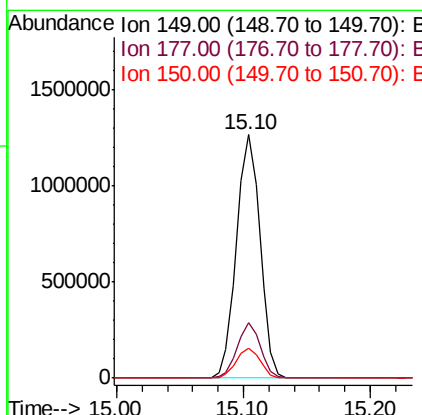
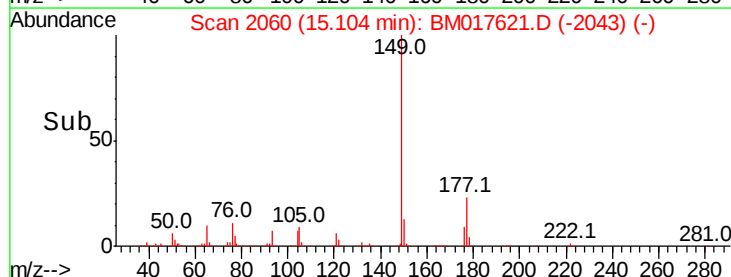
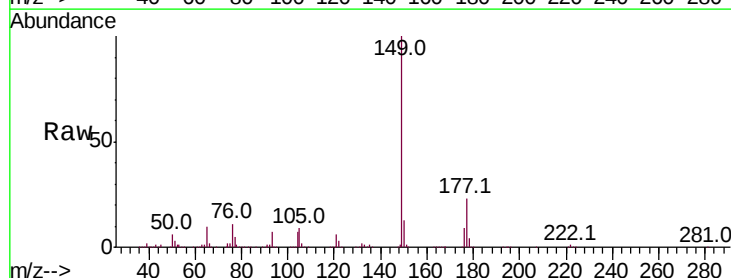
Manual Integrations
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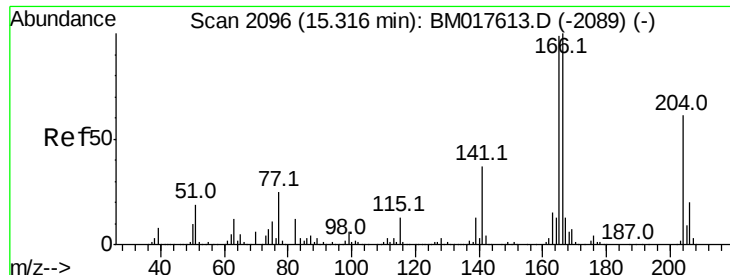
Sohil
 11/13/2018 2:25:38 PM



#60
 Diethylphthalate
 Concen: 34.857 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1625135		
177	22.5		18.1	27.1
150	12.5		9.9	14.9





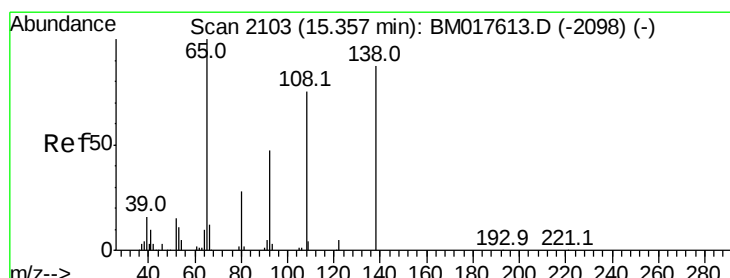
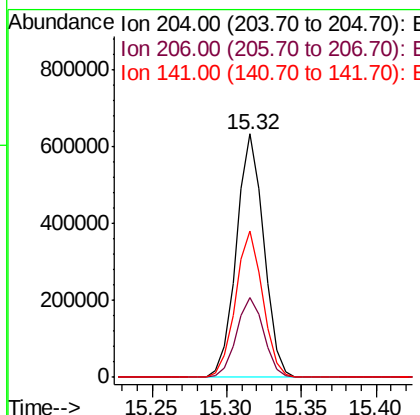
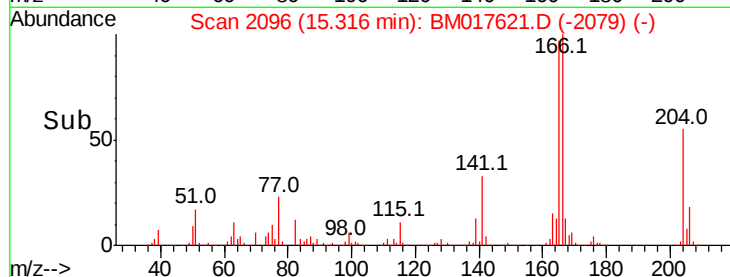
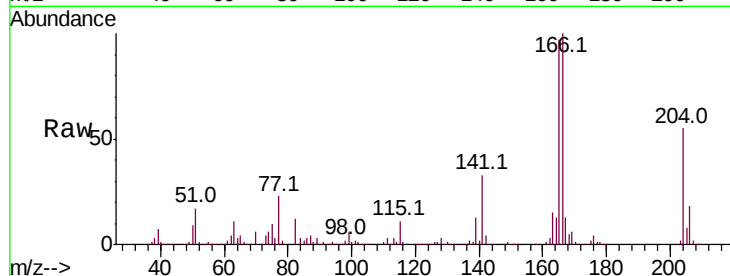
#61
 4-Chlorophenyl-phenylether
 Concen: 34.851 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion:	204	Resp:	807655
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.9	38.9
141	59.9	47.9	71.9

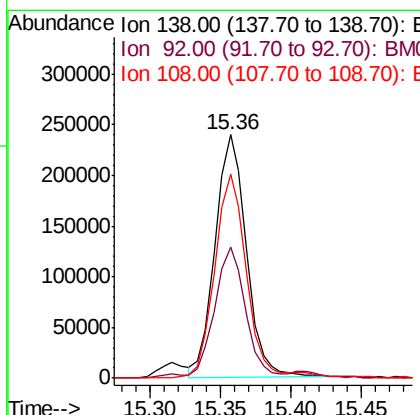
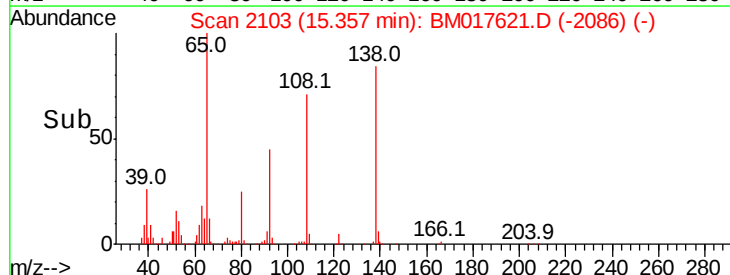
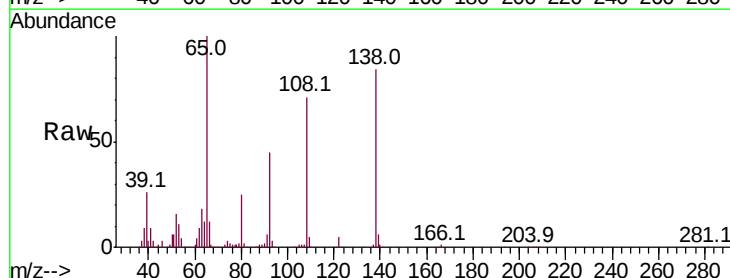
Manual Integrations
 APPROVED

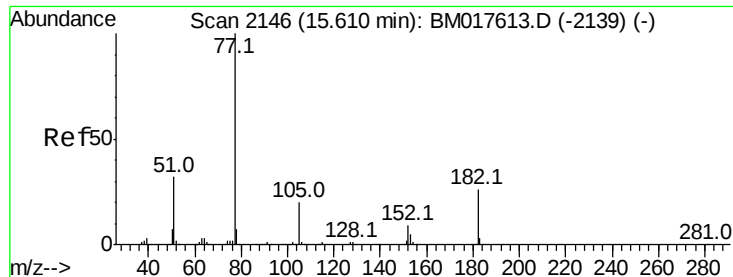
Sohil
 11/13/2018 2:25:38 PM



#62
 4-Nitroaniline
 Concen: 37.250 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion:	138	Resp:	367247
Ion Ratio	Lower	Upper	
138	100		
92	53.7	33.4	73.4
108	83.9	64.3	104.3





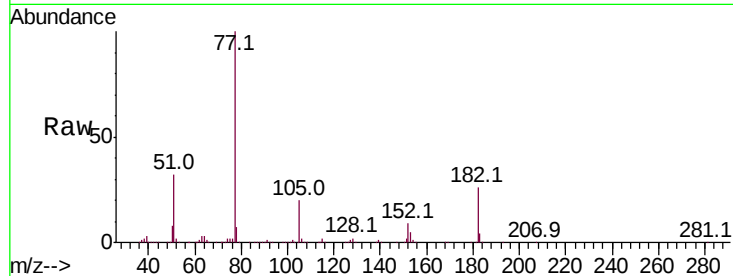
#63
Azobenzene
Concen: 37.677 ng
RT: 15.61 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.8	45.8
105	20.3	0.0	40.0
51	31.9	12.5	52.5

Manual Integrations
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11/13/2018 2:25:38 PM



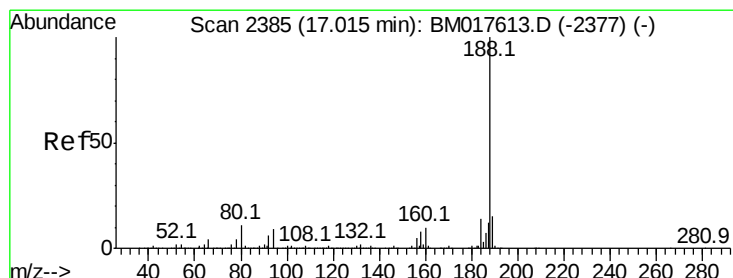
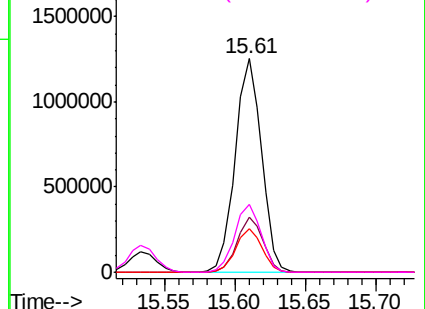
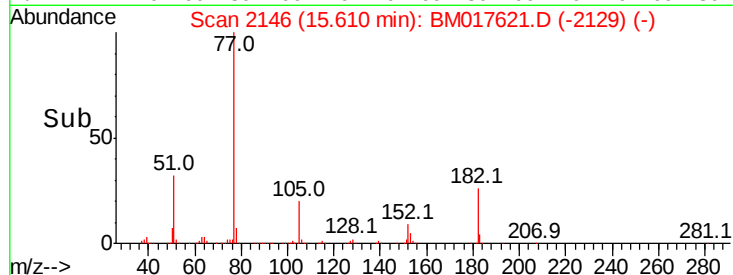
Abundance

Ion 77.00 (76.70 to 77.70): BM017621.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM017621.D (-2129) (-)

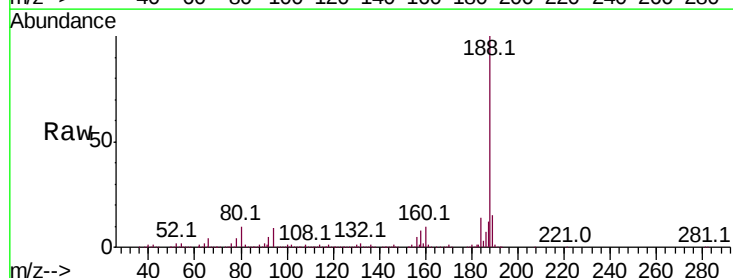
Ion 105.00 (104.70 to 105.70): BM017621.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM017621.D (-2129) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.3	8.6	13.0

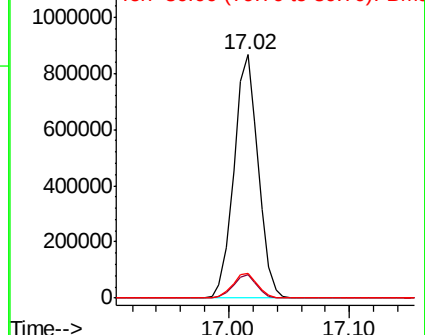
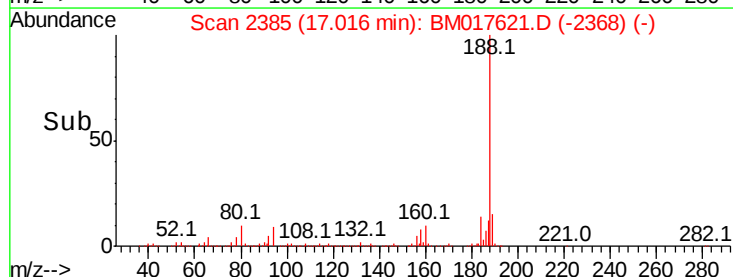


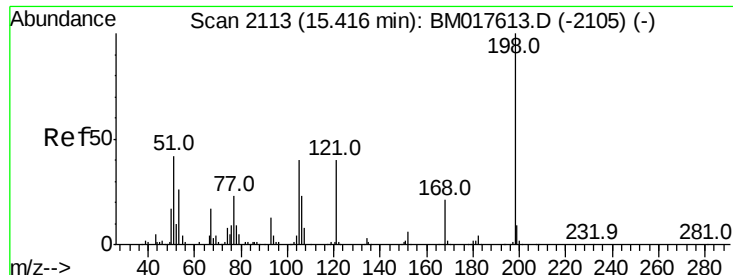
Abundance

Ion 188.00 (187.70 to 188.70): BM017621.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017621.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017621.D (-2368) (-)





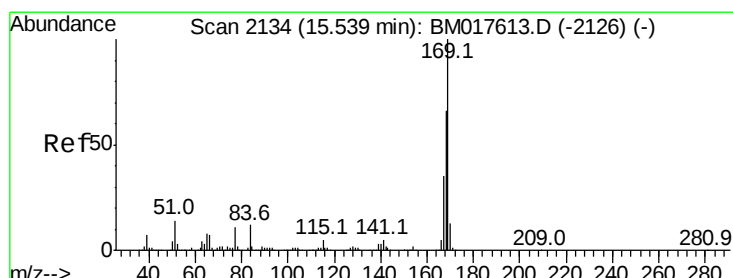
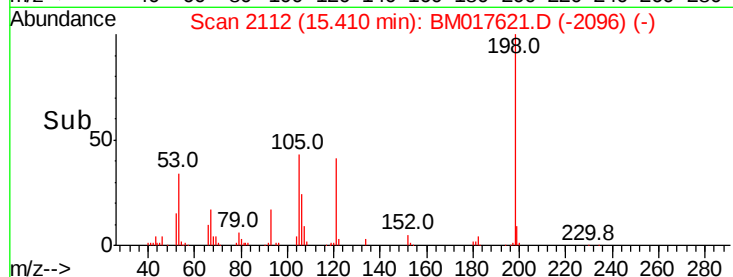
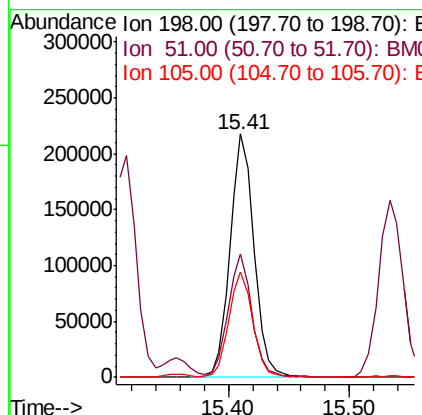
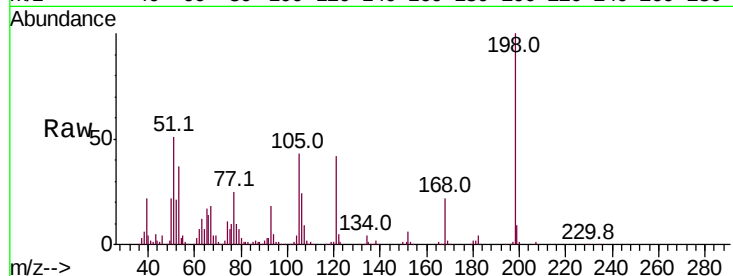
#65
4,6-Dinitro-2-methylphenol
Concen: 35.853 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.7	25.9	65.9	
105	43.5	20.6	60.6	

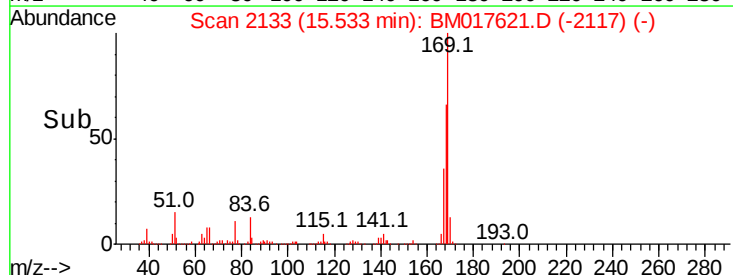
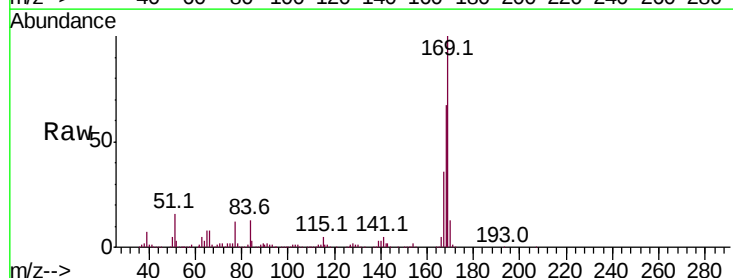
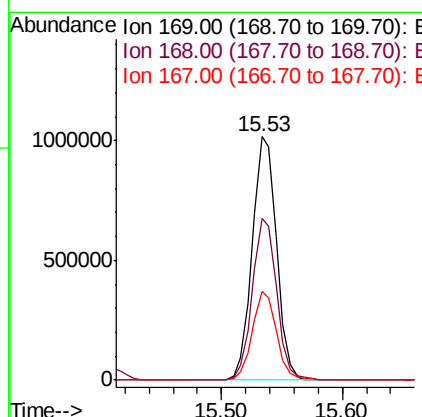
Manual Integrations
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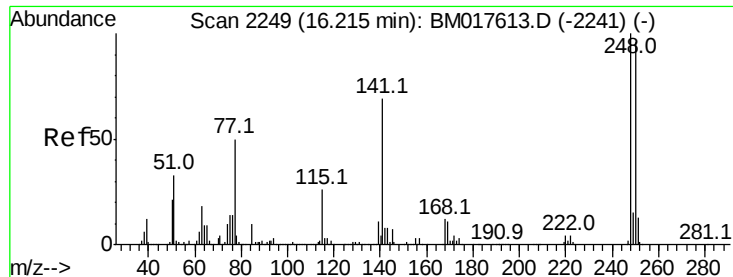
Sohil
11/13/2018 2:25:38 PM



#66
n-Nitrosodiphenylamine
Concen: 36.659 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.6	53.0	79.6	
167	36.3	28.0	42.0	





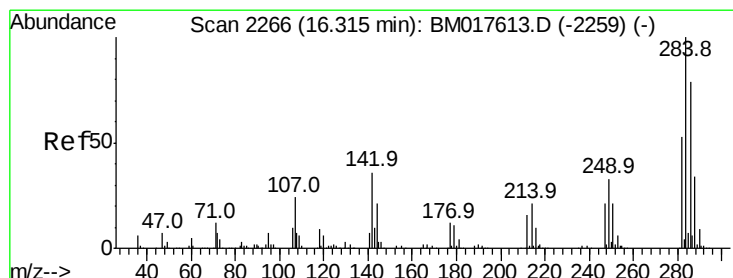
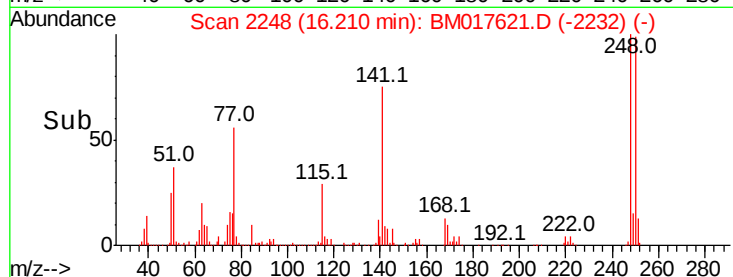
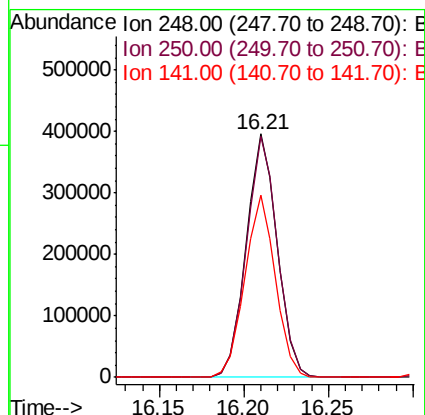
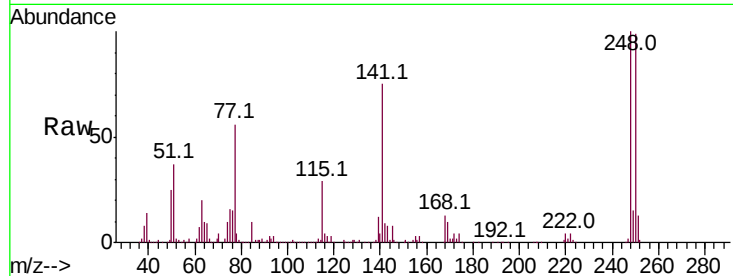
#67
4-Bromophenyl-phenylether
Concen: 35.177 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.5	114.7
141	74.9	54.9	82.3

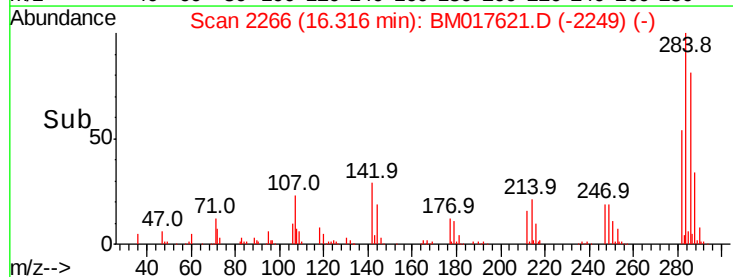
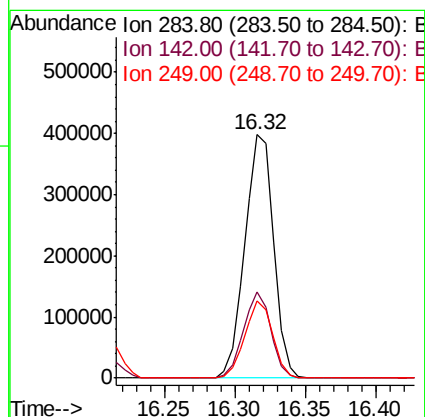
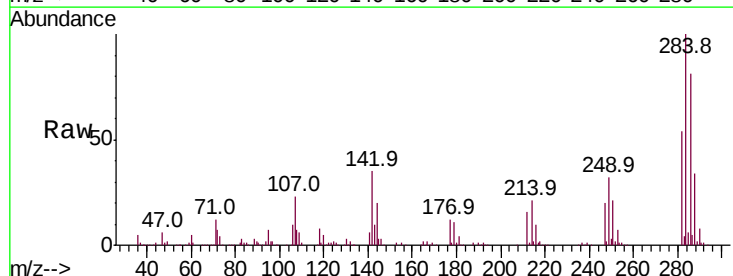
Manual Integrations
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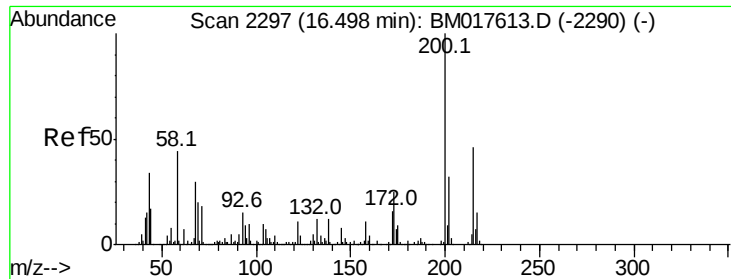
Sohil
11/13/2018 2:25:38 PM



#68
Hexachlorobenzene
Concen: 35.174 ng
RT: 16.32 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.4	42.6
249	31.7	26.4	39.6





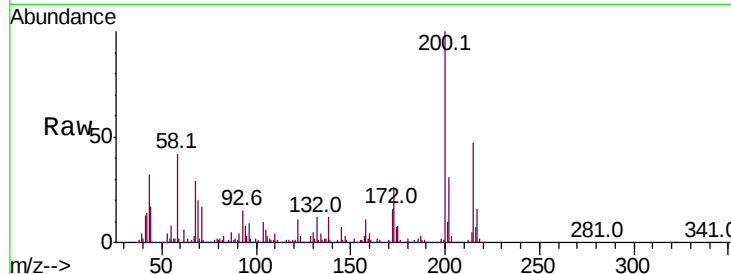
#69
Atrazine
Concen: 36.617 ng
RT: 16.50 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.1	45.1
215	47.2	25.8	65.8

Manual Integrations
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Sohil
11/13/2018 2:25:38 PM

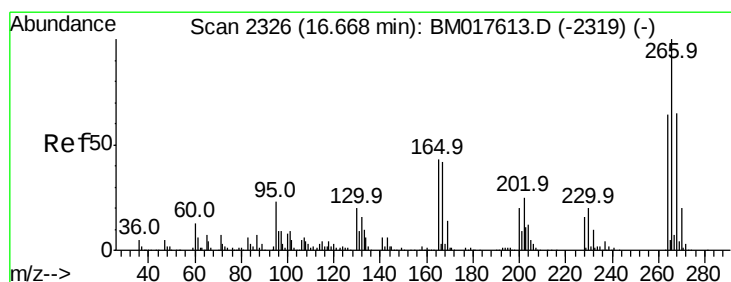
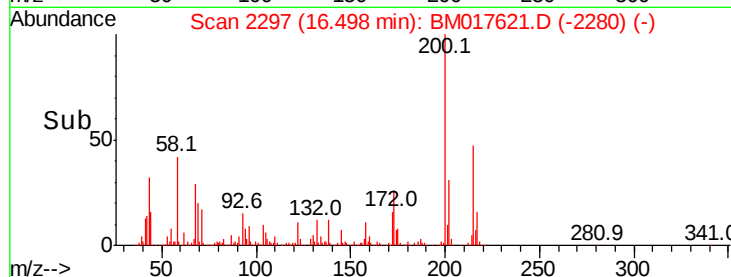
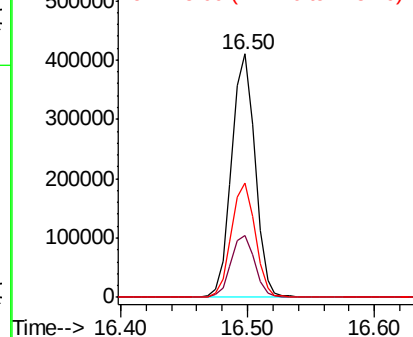


Abundance

Ion 200.00 (199.70 to 200.70): E

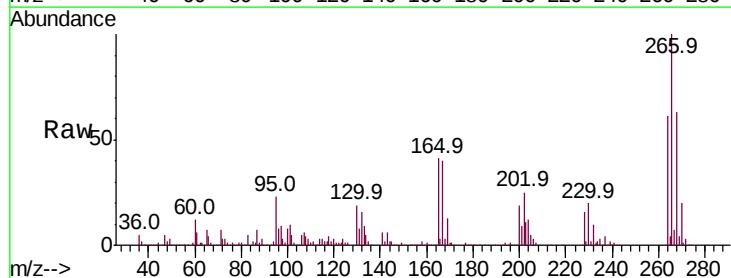
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.790 ng
RT: 16.67 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.7	77.5
264	61.4	51.3	76.9

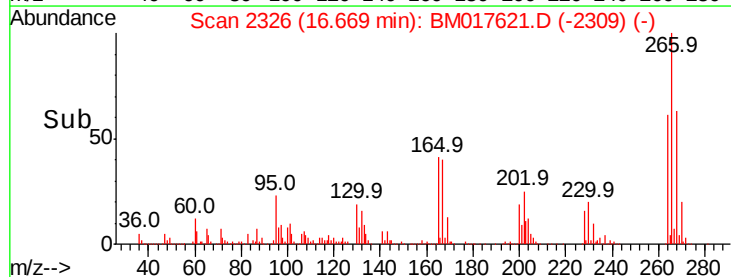
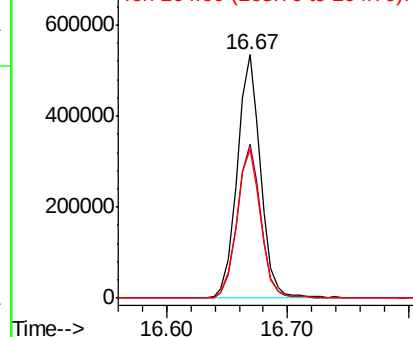


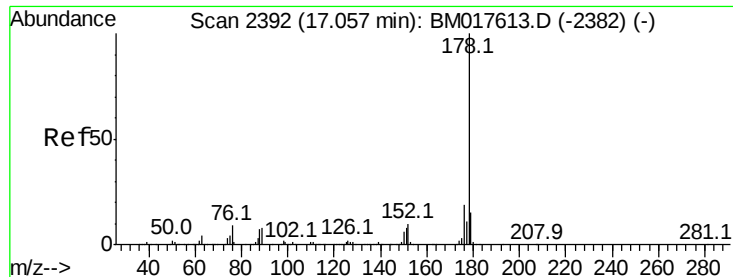
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





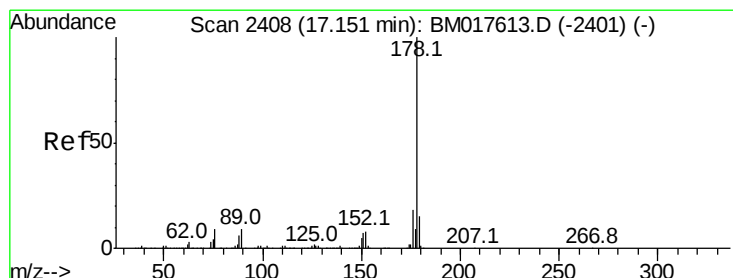
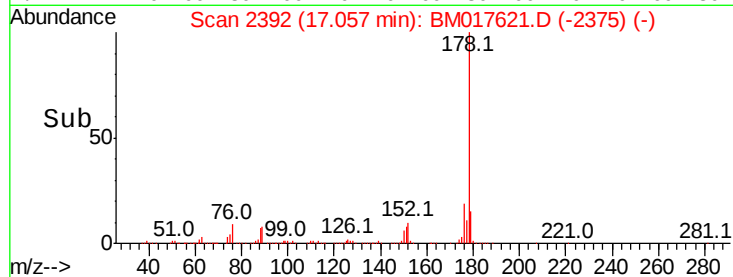
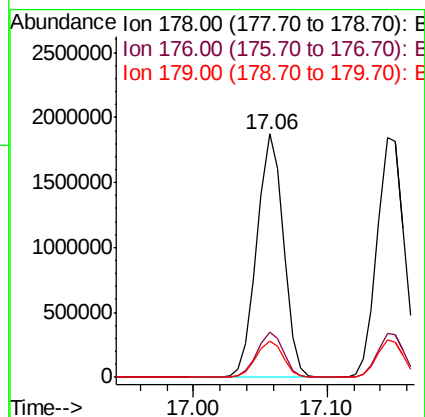
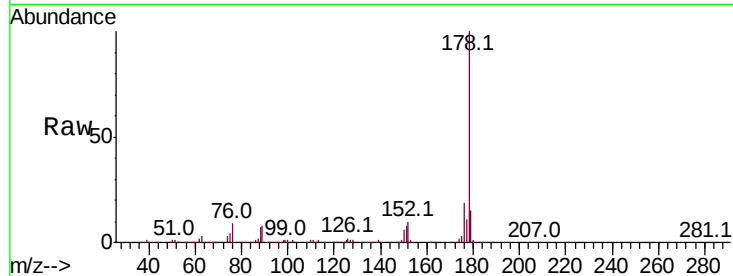
#71
Phenanthrene
Concen: 39.119 ng
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.1	12.4	18.6

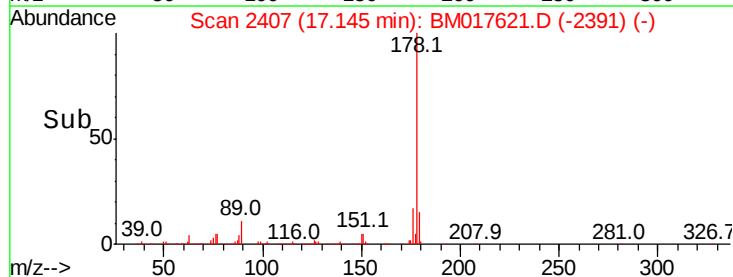
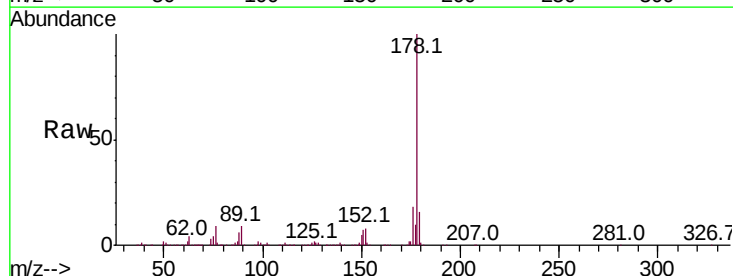
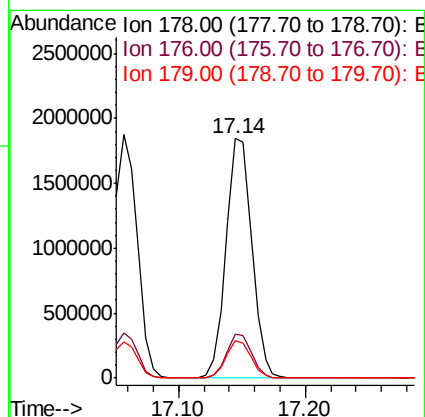
Manual Integrations
APPROVED

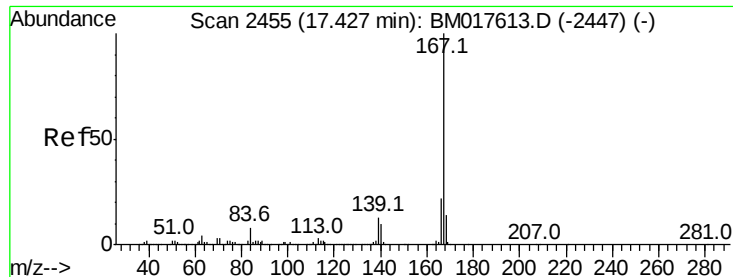
Sohil
11/13/2018 2:25:38 PM



#72
Anthracene
Concen: 40.688 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.5	12.3	18.5





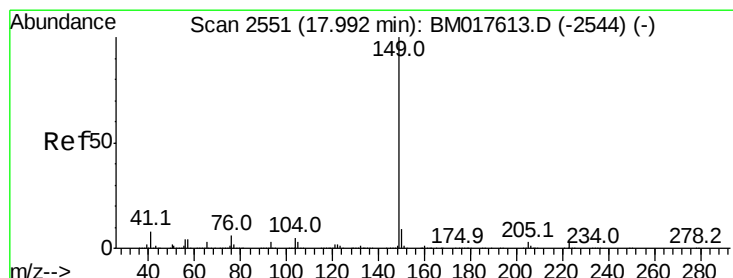
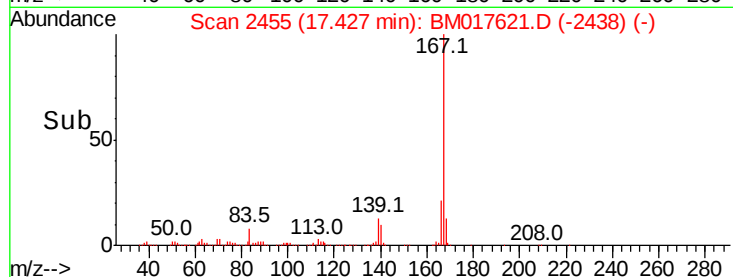
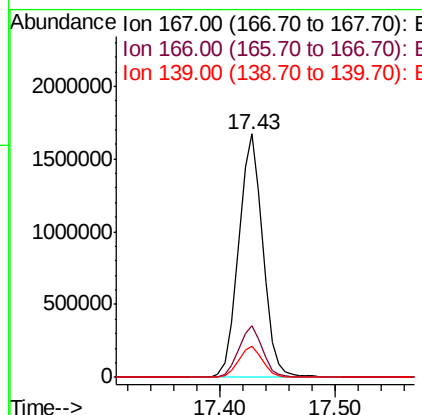
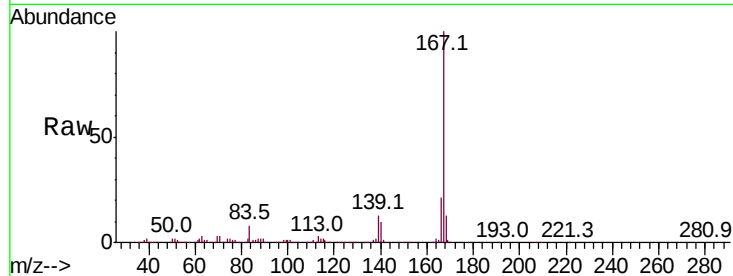
#73
 Carbazole
 Concen: 37.422 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.8	10.2	15.4

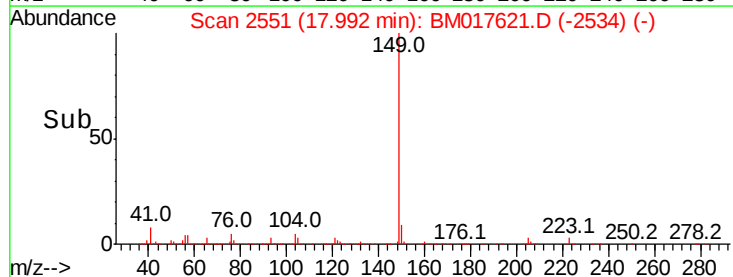
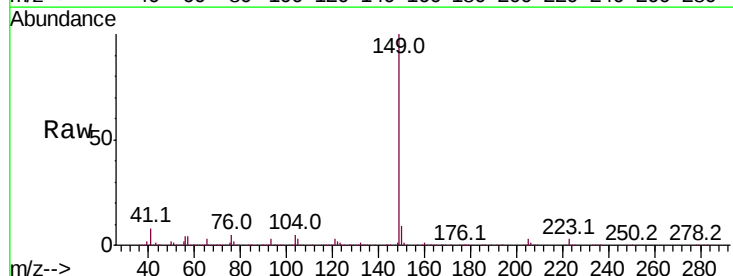
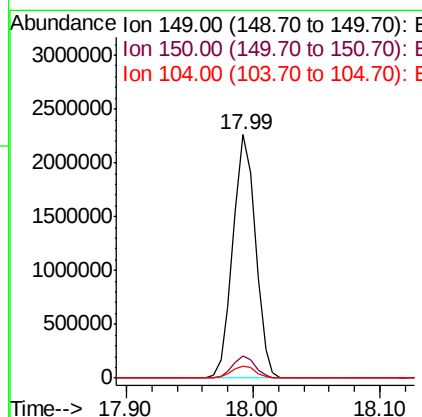
Manual Integrations
 APPROVED

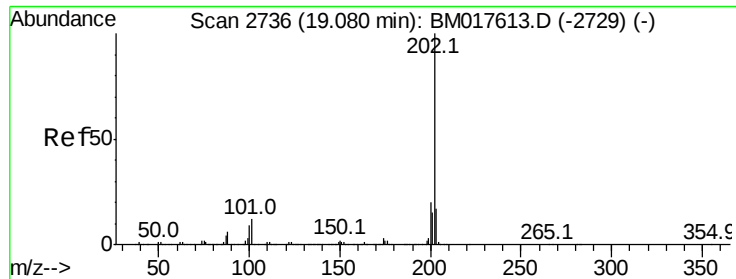
Sohil
 11/13/2018 2:25:38 PM



#74
 Di-n-butylphthalate
 Concen: 38.572 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.1	4.3	6.5





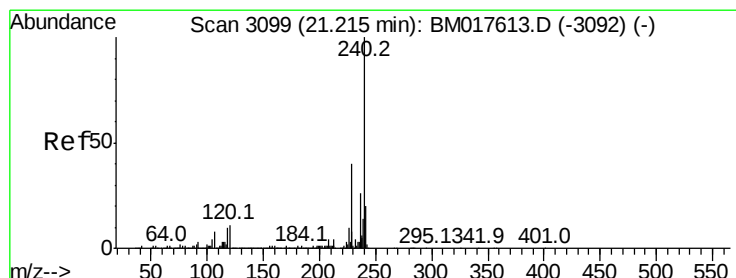
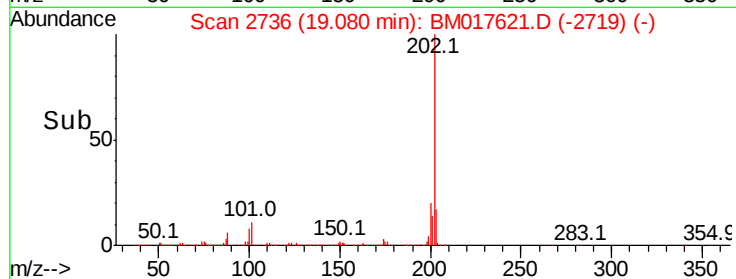
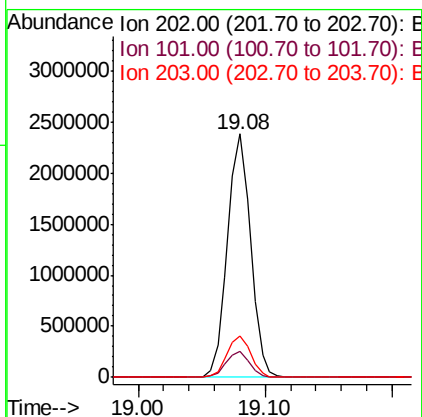
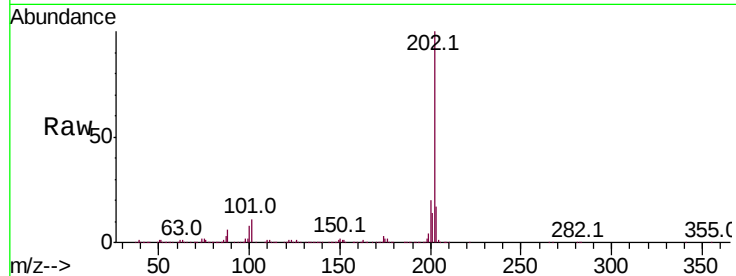
#75
 Fluoranthene
 Concen: 40.500 ng
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.2	0.0	37.2

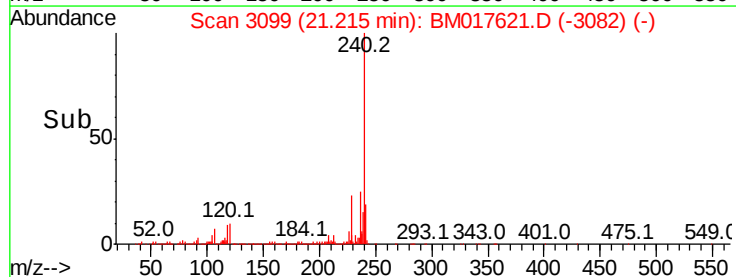
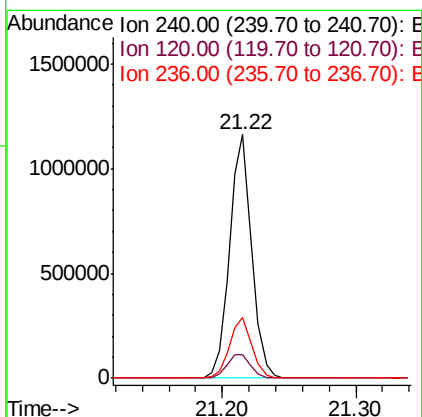
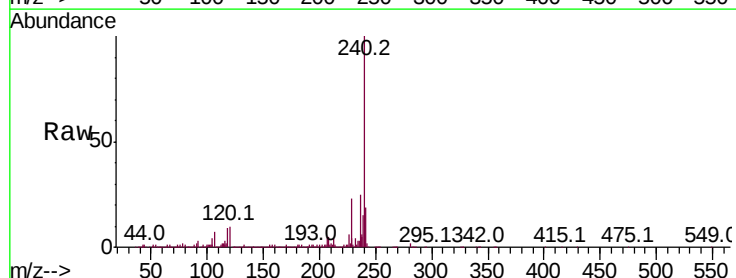
Manual Integrations
 APPROVED

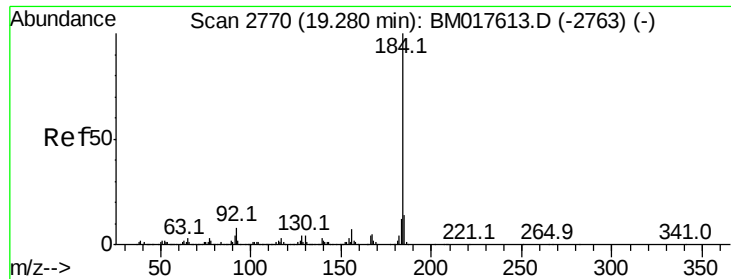
Sohil
 11/13/2018 2:25:38 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	24.8	20.4	30.6





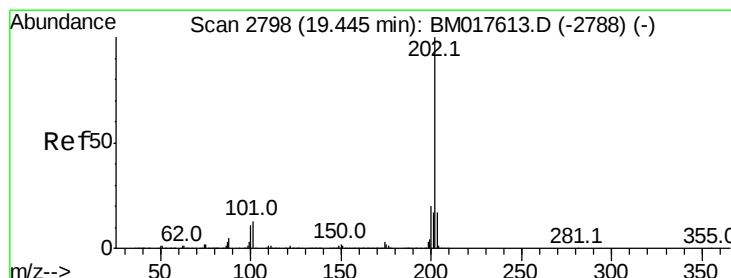
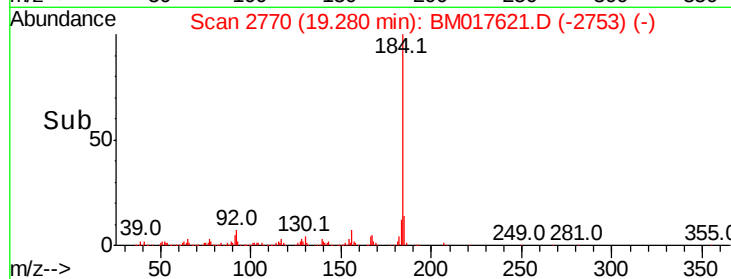
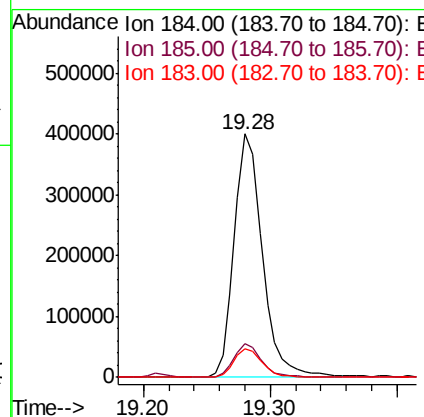
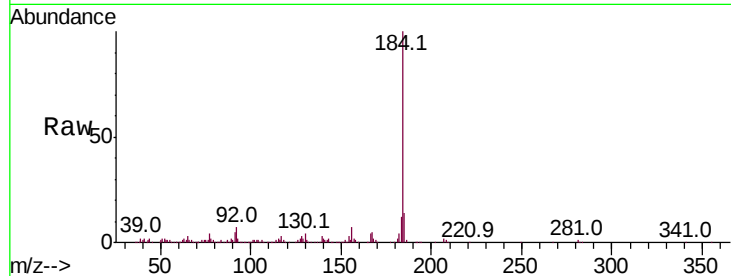
#77
Benzidine
Concen: 14.093 ng
RT: 19.28 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.2	16.8
183	11.9	9.5	14.3

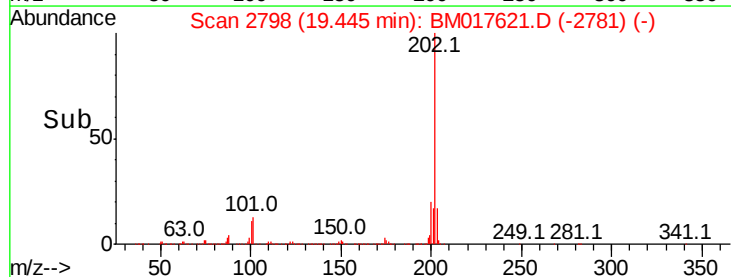
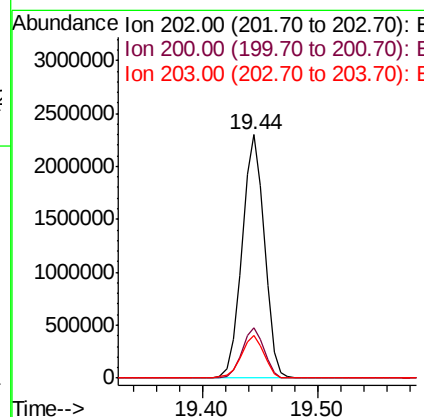
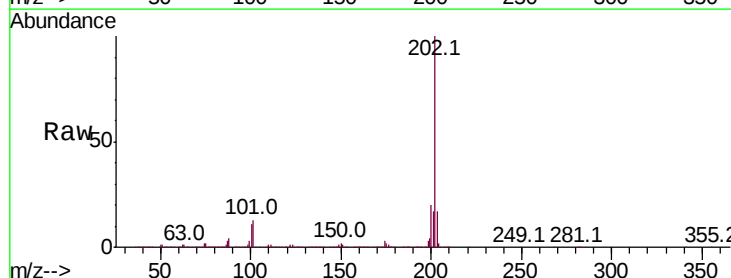
Manual Integrations
APPROVED

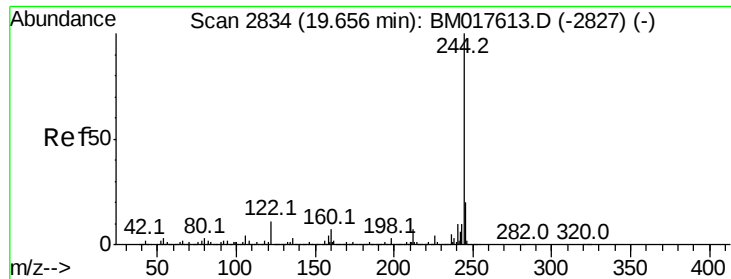
Sohil
11/13/2018 2:25:38 PM



#78
Pyrene
Concen: 37.101 ng
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.4	13.8	20.8





#79
 Terphenyl-d14
 Concen: 77.990 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

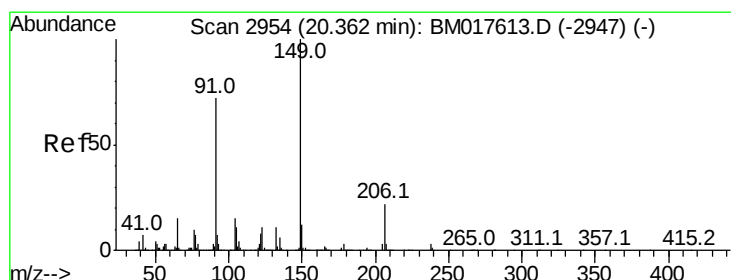
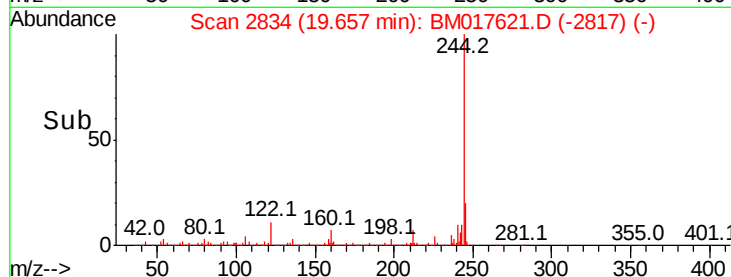
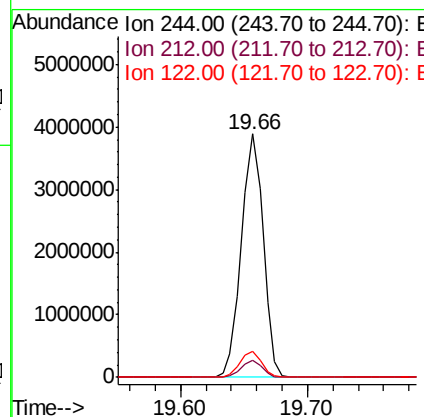
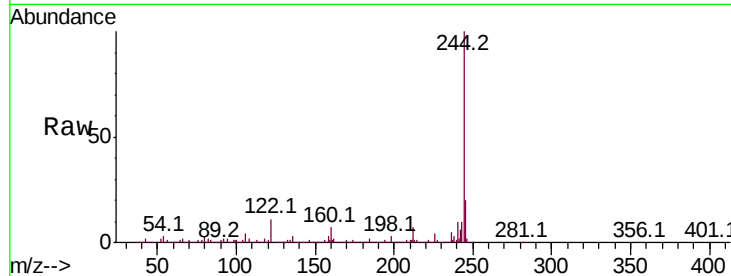
Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion:244 Resp: 4630687

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	10.8	9.0	13.6

Manual Integrations
 APPROVED

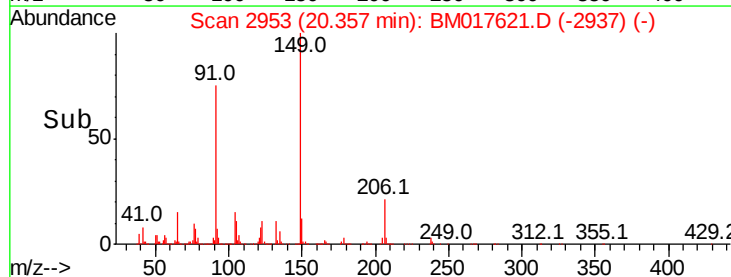
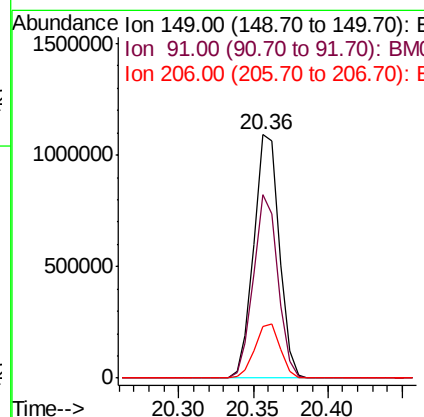
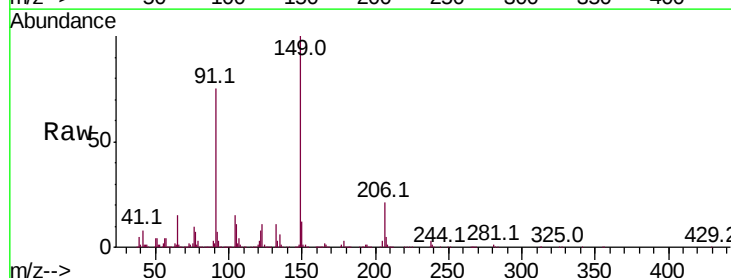
Sohil
 11/13/2018 2:25:38 PM

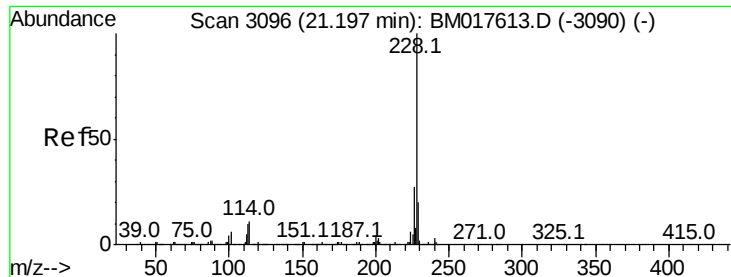


#80
 Butylbenzylphthalate
 Concen: 37.972 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion:149 Resp: 1280547

Ion	Ratio	Lower	Upper
149	100		
91	75.2	57.6	86.4
206	21.0	17.4	26.0





#81

Benzo(a)anthracene

Concen: 39.932 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:228 Resp: 3095878

Ion Ratio Lower Upper

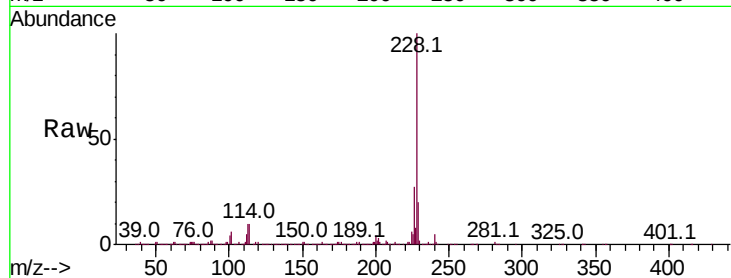
228 100

226 26.6 21.3 31.9

229 19.6 16.0 24.0

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:38 PM

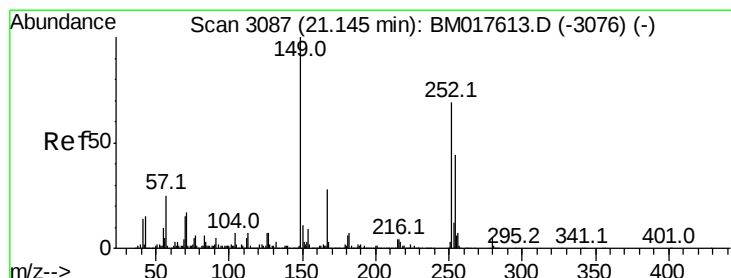
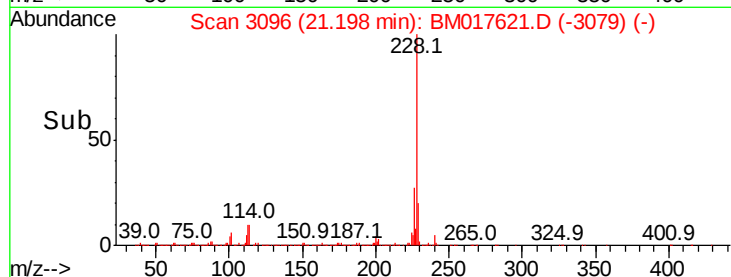
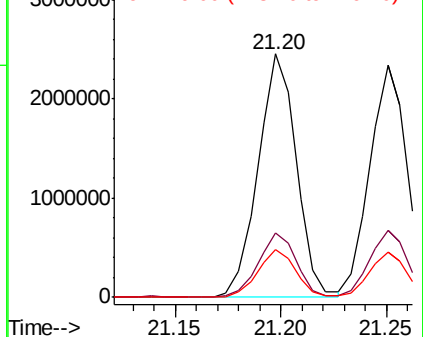


Abundance

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: 24.702 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

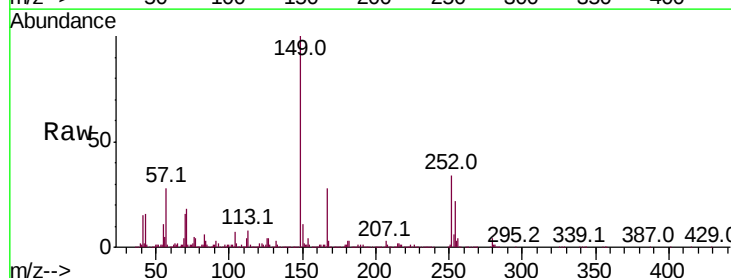
Tgt Ion:252 Resp: 739120

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

126 10.7 8.0 12.0

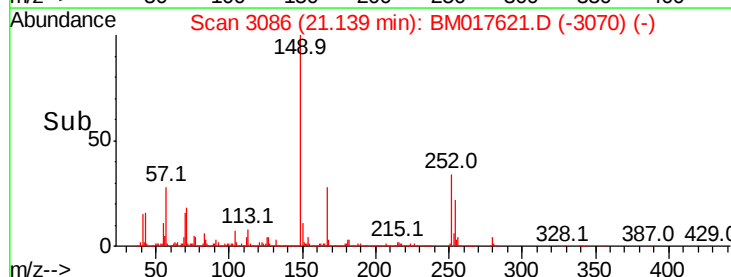
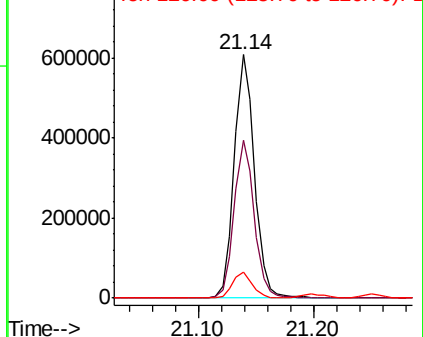


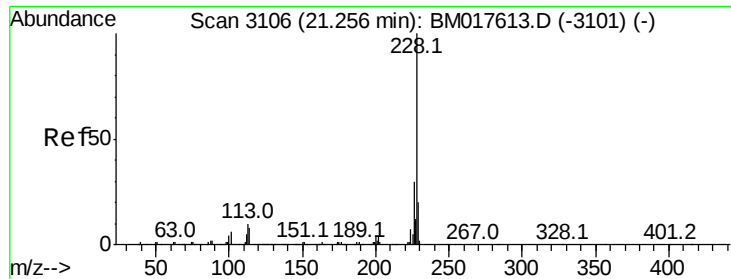
Abundance

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





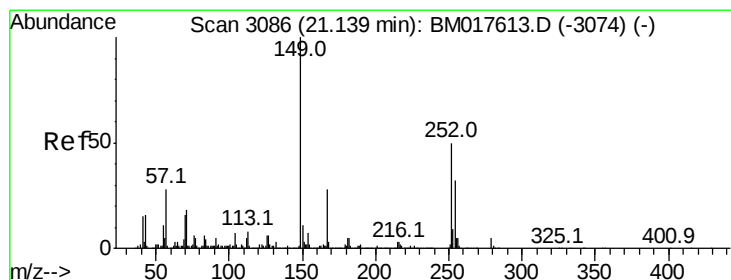
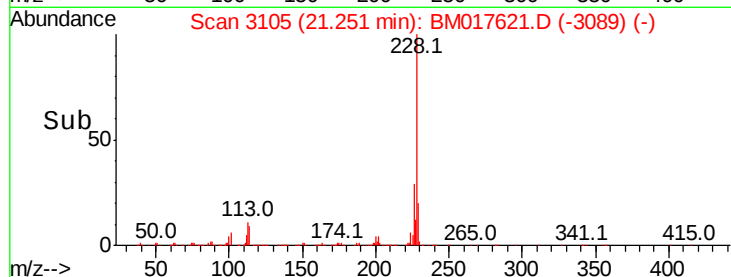
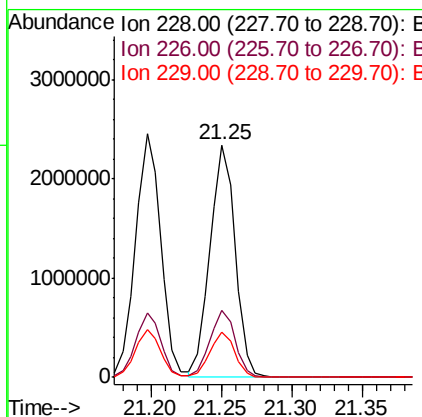
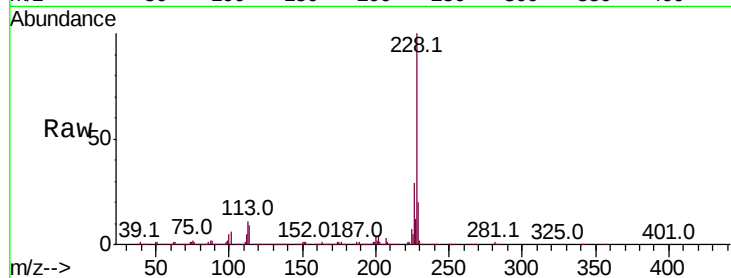
#83
 Chrvsene
 Concen: 38.488 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	19.7	15.8	23.6

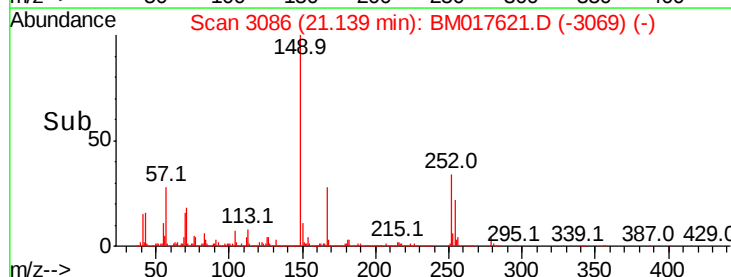
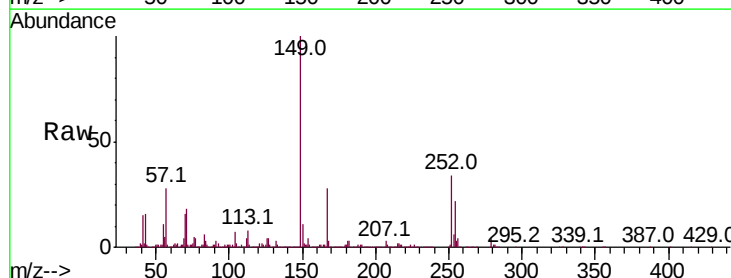
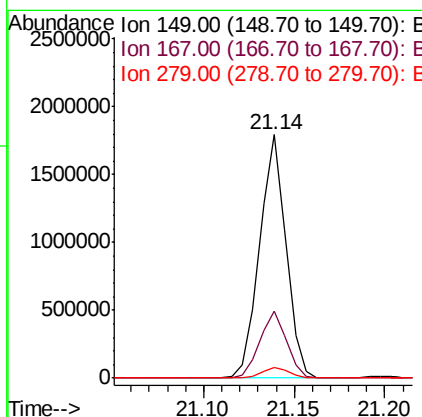
Manual Integrations
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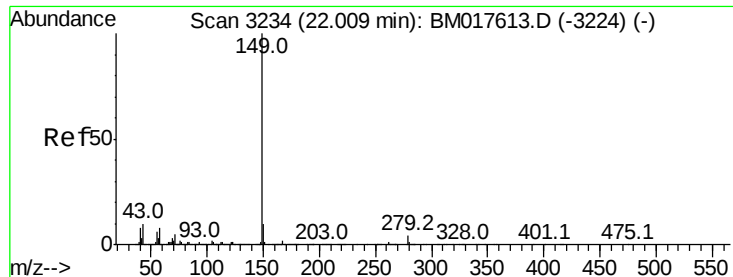
Sohil
 11/13/2018 2:25:38 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.604 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM017621.D
 Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.4	3.7	5.5





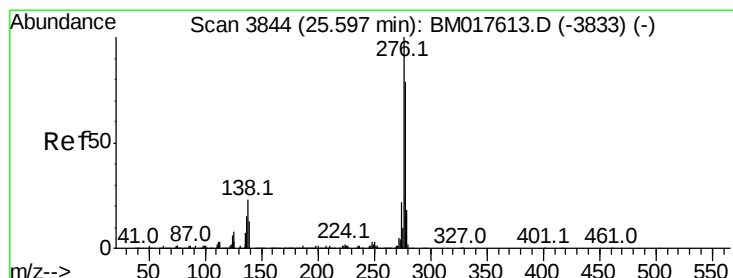
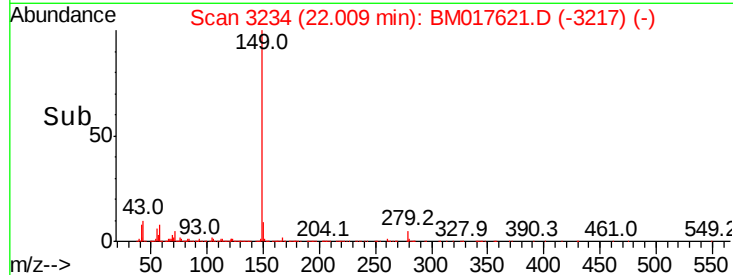
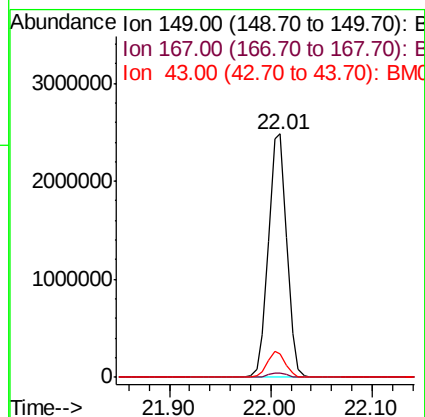
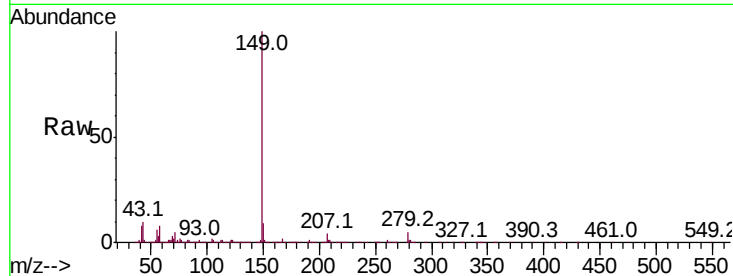
#85
Di-n-octyl phthalate
Concen: 38.942 ng
RT: 22.01 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.3	12.5

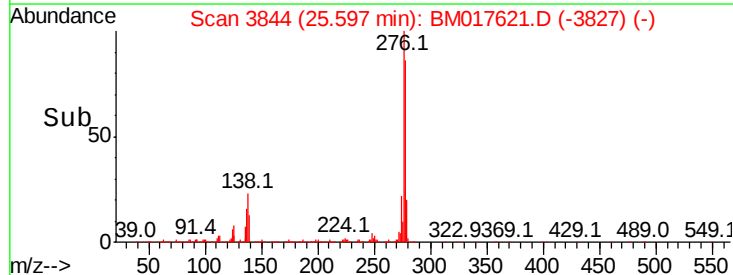
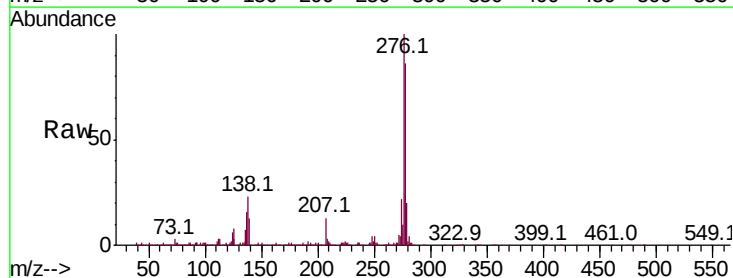
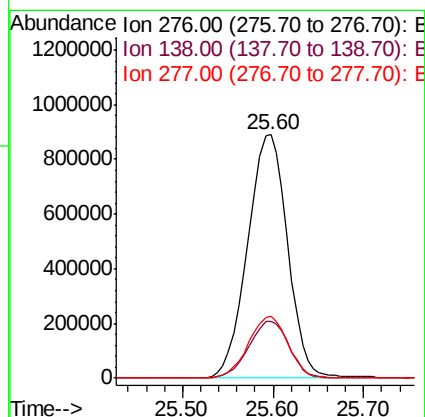
Manual Integrations
APPROVED

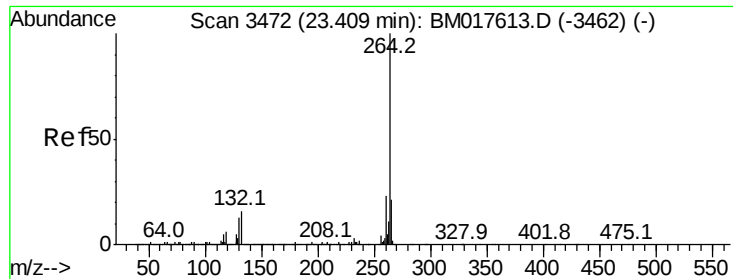
Sohil
11/13/2018 2:25:38 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.251 ng
RT: 25.60 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	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: BM017621.D

Acq: 12 Nov 2018 20:08

Instrument :

BNA_M

ClientSampleId :

RT-3263MSD

Tot Ion:264 Resp: 1244863

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.2

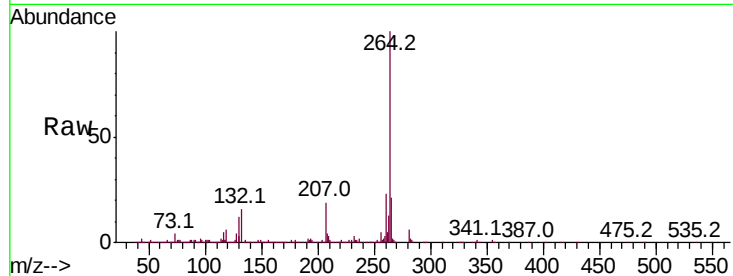
265 21.0 17.5 26.3

Manual Integrations

APPROVED

Sohil

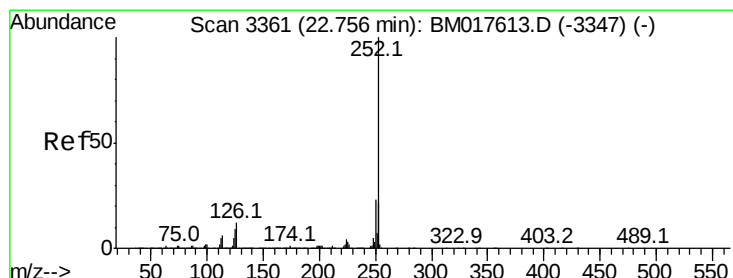
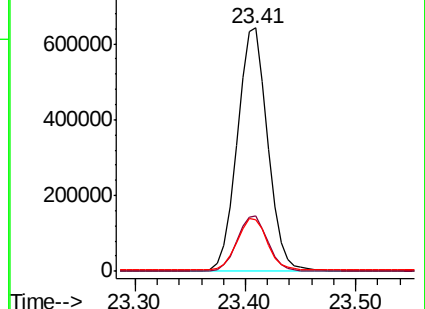
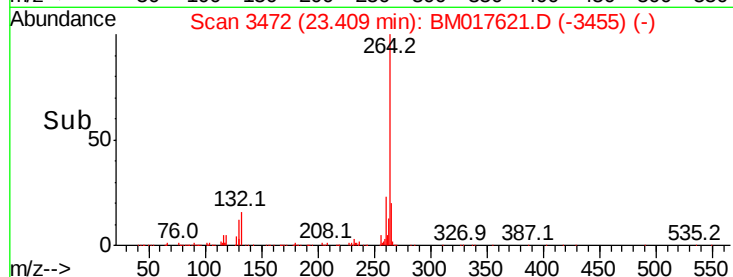
11/13/2018 2:25:38 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.651 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017621.D

Acq: 12 Nov 2018 20:08

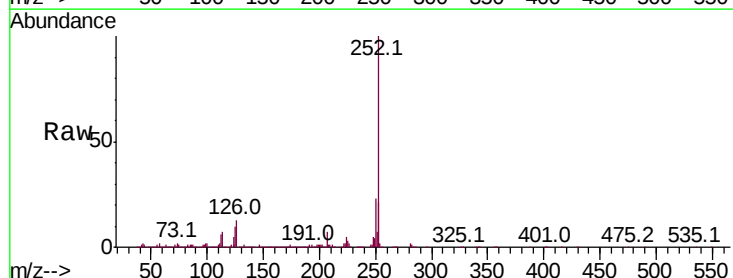
Tgt Ion:252 Resp: 2963586

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

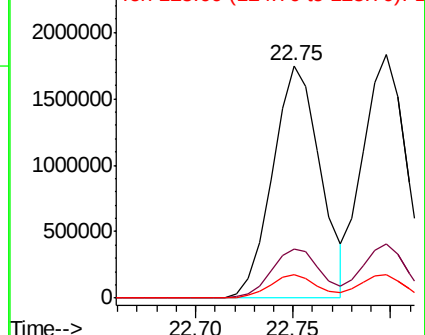
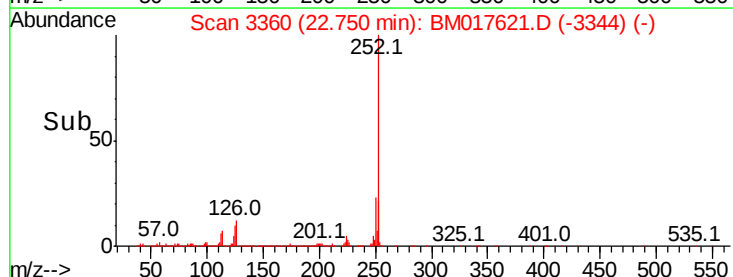
125 9.8 7.6 11.4

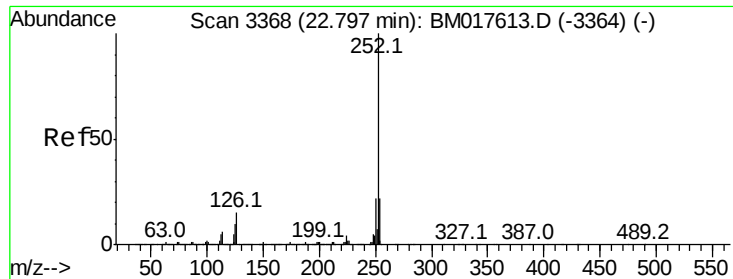


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





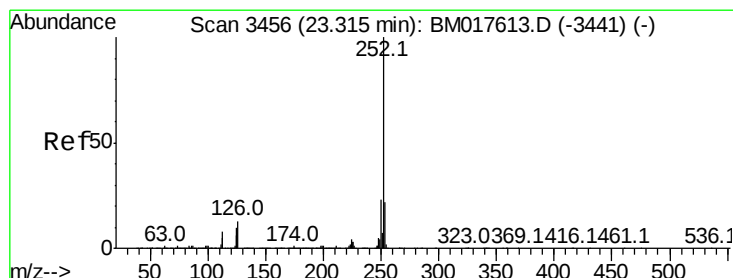
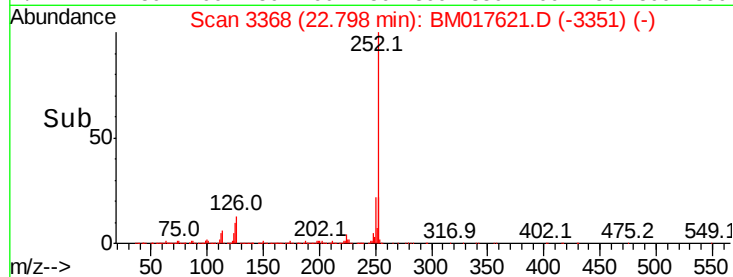
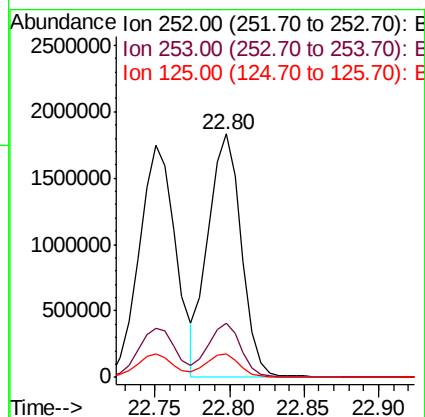
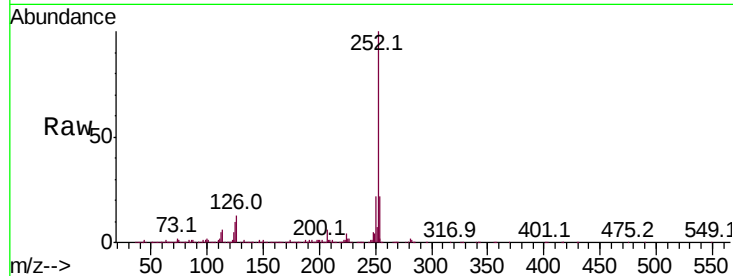
#89
Benzo(k)fluoranthene
Concen: 38.521 ng
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.7	7.9	11.9

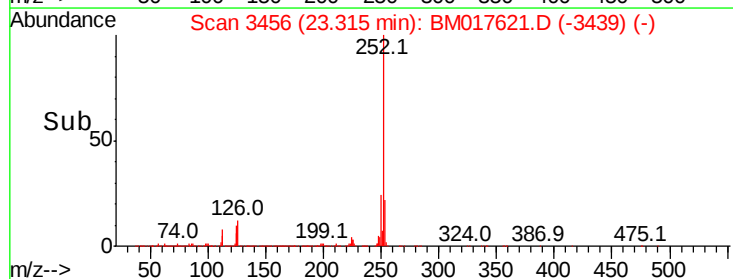
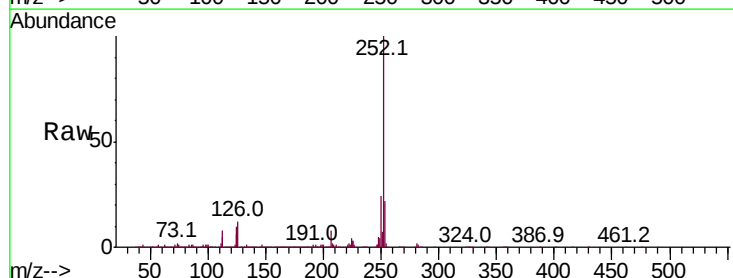
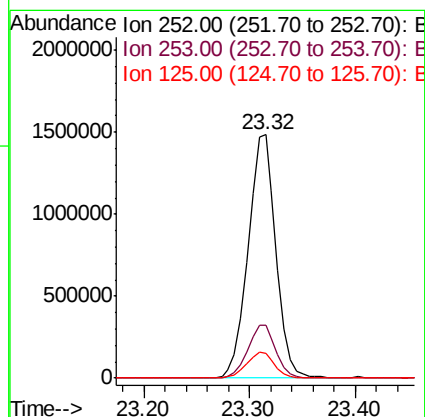
Manual Integrations
APPROVED

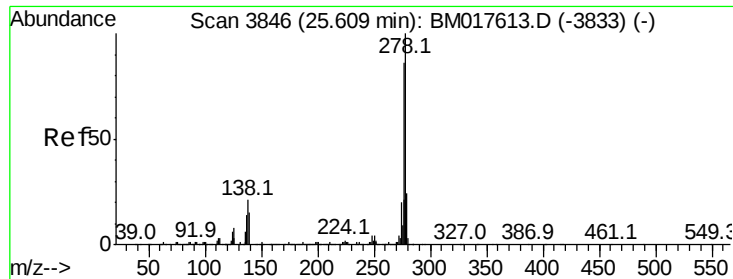
Sohil
11/13/2018 2:25:38 PM



#90
Benzo(a)pyrene
Concen: 40.777 ng
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.0	8.2	12.2





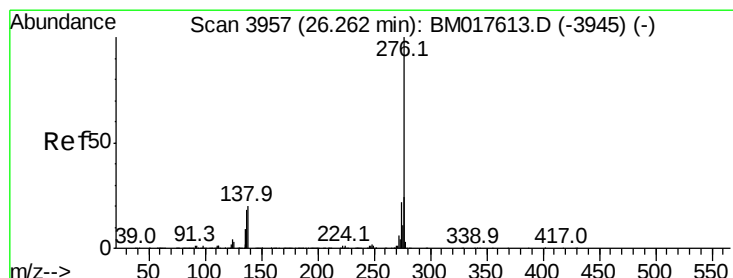
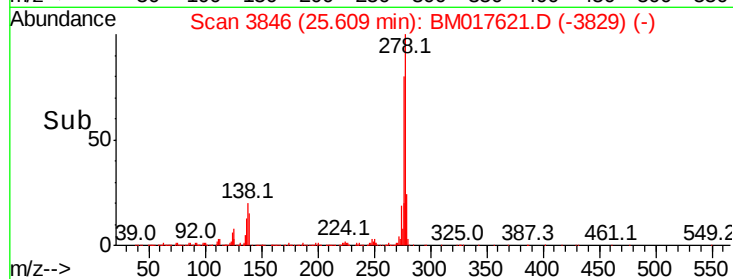
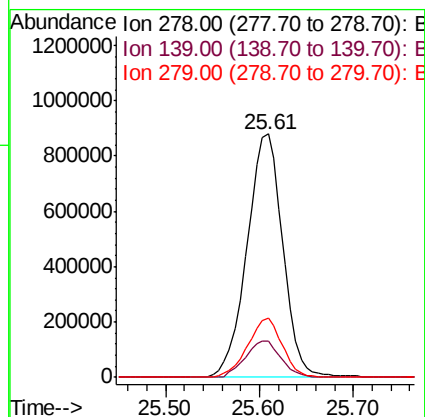
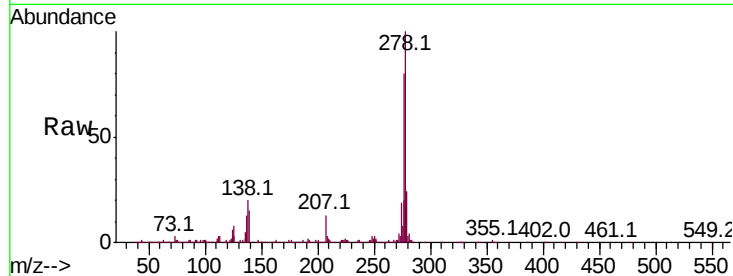
#91
Dibenzo(a,h)anthracene
Concen: 41.398 ng
RT: 25.61 min Scan# 3846
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Instrument :
BNA_M
ClientSampleId :
RT-3263MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.8	17.6
279	24.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:38 PM



#92
Benzo(g,h,i)perylene
Concen: 41.834 ng
RT: 26.26 min Scan# 3957
Delta R.T. 0.00 min
Lab File: BM017621.D
Acq: 12 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	19.9	15.9	23.9

