

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
 Data File : BM017616.D
 Acq On : 12 Nov 2018 17:02
 Operator : MJ/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 11/13/2018 2:25:19 PM

Quant Time: Nov 12 17:35:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 16:10:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	234858	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1063547	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	617412	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1403522	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1499946	20.00	ng	0.00
87) Perylene-d12	23.41	264	1282146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2323599	167.33	ng	0.00
7) Phenol-d6	6.82	99	3268794	172.84	ng	0.01
23) Nitrobenzene-d5	8.78	82	3402361	187.10	ng	0.00
42) 2,4,6-Tribromophenol	15.77	330	1540464	184.50	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	7753657	167.09	ng	0.00
79) Terphenyl-d14	19.66	244	10301818	154.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	454002	64.028	ng	99
3) Pyridine	3.62	79	1426185	87.415	ng	99
4) n-Nitrosodimethylamine	3.53	42	620432	94.728	ng	99
6) Aniline	6.97	93	2017022	85.269	ng	99
8) 2-Chlorophenol	7.19	128	1383321	86.111	ng	97
9) Benzaldehyde	6.78	77	1109049	91.972	ng	98
10) Phenol	6.84	94	1718642	84.439	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	1330780	82.019	ng	98
12) 1,3-Dichlorobenzene	7.51	146	1524464	81.406	ng	97
13) 1,4-Dichlorobenzene	7.65	146	1559063	81.487	ng	98
14) 1,2-Dichlorobenzene	7.96	146	1514929	82.182	ng	99
15) Benzyl Alcohol	7.87	79	1322961	95.703	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1966775	86.764	ng	99
17) 2-Methylphenol	8.06	107	1146559	87.763	ng	97
18) Hexachloroethane	8.67	117	568857	86.879	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	1174479	94.315	ng	100
20) 3+4-Methylphenols	8.40	107	1627652	91.091	ng	98
22) Acetophenone	8.45	105	2179476	80.842	ng	# 99
24) Nitrobenzene	8.82	77	1684481	87.572	ng	99
25) Isophorone	9.35	82	2663652	88.705	ng	100
26) 2-Nitrophenol	9.52	139	847723	102.235	ng	99
27) 2,4-Dimethylphenol	9.59	122	1154551	86.953	ng	98
28) bis(2-Chloroethoxy)methane	9.82	93	1767450	83.626	ng	98
29) 2,4-Dichlorophenol	10.05	162	1379145	89.459	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	1526468	82.539	ng	97
31) Naphthalene	10.44	128	4237378	81.300	ng	99
32) Benzoic acid	9.81	122	1132143m	114.275	ng	
33) 4-Chloroaniline	10.56	127	1934545	85.941	ng	99
34) Hexachlorobutadiene	10.72	225	941896	80.380	ng	99
35) Caprolactam	11.40	113	501618m	89.281	ng	
36) 4-Chloro-3-methylphenol	11.70	107	1569411	90.312	ng	99
37) 2-Methylnaphthalene	12.06	142	3015090	84.537	ng	98
38) 1-Methylnaphthalene	12.28	142	2923110	84.207	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1799608	82.767	ng	99

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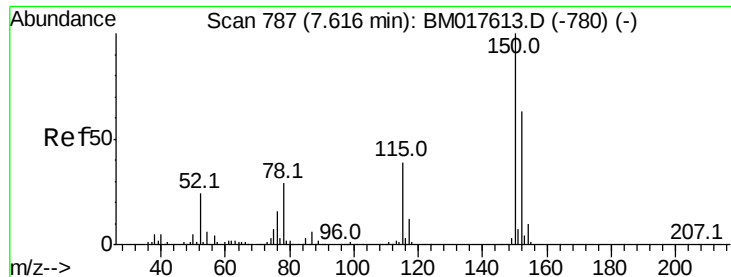
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	995838	94.739	nq	100
43) 2,4,6-Trichlorophenol	12.69	196	1181723	93.624	nq	98
44) 2,4,5-Trichlorophenol	12.76	196	1238942	91.537	nq	99
46) 1,1'-Biphenyl	13.09	154	4534980	81.622	nq	100
47) 2-Chloronaphthalene	13.13	162	3409135	83.405	nq	98
48) 2-Nitroaniline	13.36	65	1122251	106.230	nq	98
49) Acenaphthylene	13.99	152	5168563	87.237	nq	100
50) Dimethylphthalate	13.74	163	4098409	86.040	nq	99
51) 2,6-Dinitrotoluene	13.86	165	952581	90.861	nq	99
52) Acenaphthene	14.33	154	3123869	83.975	nq	100
53) 3-Nitroaniline	14.20	138	1036294	91.266	nq	98
54) 2,4-Dinitrophenol	14.40	184	560376	111.733	nq	98
55) Dibenzofuran	14.67	168	5055807	81.727	nq	99
56) 4-Nitrophenol	14.51	139	827044	89.724	nq	97
57) 2,4-Dinitrotoluene	14.66	165	1332669	94.577	nq	98
58) Fluorene	15.32	166	3943135	86.116	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.90	232	1133408	91.867	nq	99
60) Diethylphthalate	15.11	149	4216618	89.261	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	2184166	83.672	nq	98
62) 4-Nitroaniline	15.37	138	1020084	86.671	nq	98
63) Azobenzene	15.62	77	4148730	90.356	nq	98
65) 4,6-Dinitro-2-methylphenol	15.42	198	874263	107.574	nq	99
66) n-Nitrosodiphenylamine	15.54	169	3697825	87.083	nq	100
67) 4-Bromophenyl-phenylether	16.22	248	1377012	89.354	nq	97
68) Hexachlorobenzene	16.32	284	1525395	85.212	nq	97
69) Atrazine	16.50	200	1407193	92.592	nq	96
70) Pentachlorophenol	16.67	266	1141838	93.114	nq	99
71) Phenanthrene	17.06	178	6168845	81.464	nq	100
72) Anthracene	17.15	178	6158550	85.592	nq	100
73) Carbazole	17.43	167	6293522	85.627	nq	100
74) Di-n-butylphthalate	18.00	149	7122412	91.877	nq	100
75) Fluoranthene	19.09	202	7129755	83.673	nq	99
77) Benzidine	19.28	184	4234355	111.333	nq	100
78) Pyrene	19.45	202	7438496	88.730	nq	99
80) Butylbenzylphthalate	20.36	149	3286126	113.997	nq	99
81) Benzo(a)anthracene	21.20	228	6957096	82.422	nq	99
82) 3,3'-Dichlorobenzidine	21.14	252	2909877	92.497	nq	99
83) Chrysene	21.26	228	6716282	80.389	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	4632472	102.699	nq	100
85) Di-n-octyl phthalate	22.01	149	7457479	97.659	nq	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	5603485	59.965	nq	100
88) Benzo(b)fluoranthene	22.76	252	6210076	88.589	nq	99
89) Benzo(k)fluoranthene	22.80	252	6164250	87.635	nq	99
90) Benzo(a)pyrene	23.32	252	5683734	85.396	nq	99
91) Dibenzo(a,h)anthracene	25.62	278	4776750	72.277	nq	100
92) Benzo(g,h,i)perylene	26.27	276	4492285	68.582	nq	99

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



#1

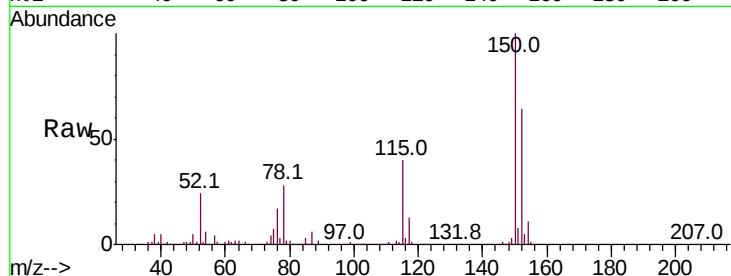
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.4	189.6
115	62.4	49.4	74.0

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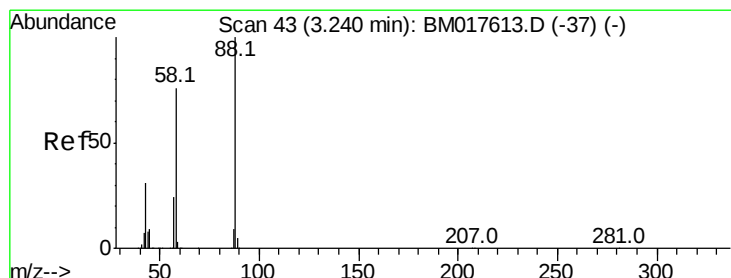
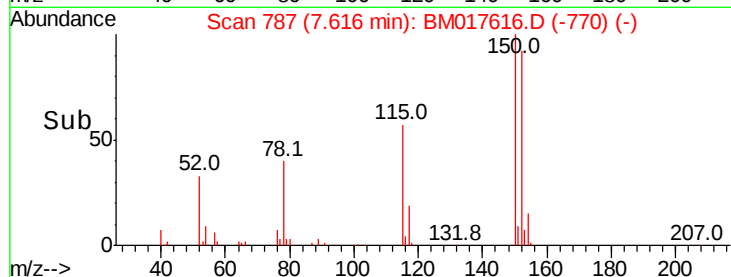
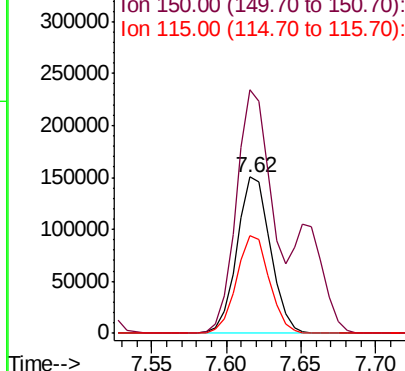


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

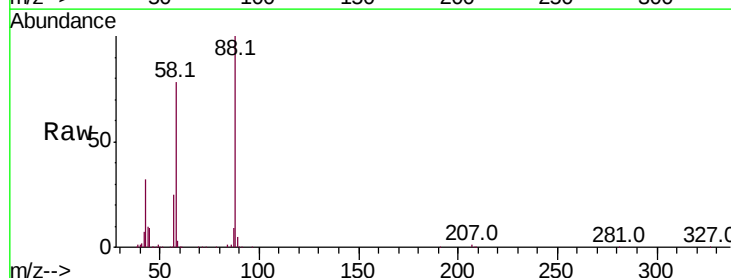
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 64.028 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.0	93.0
43	32.2	26.8	40.2

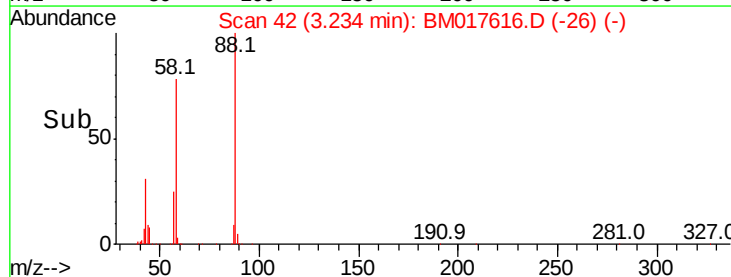
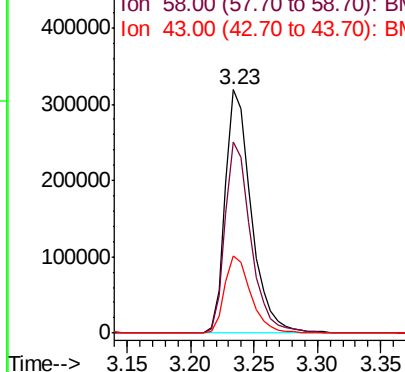


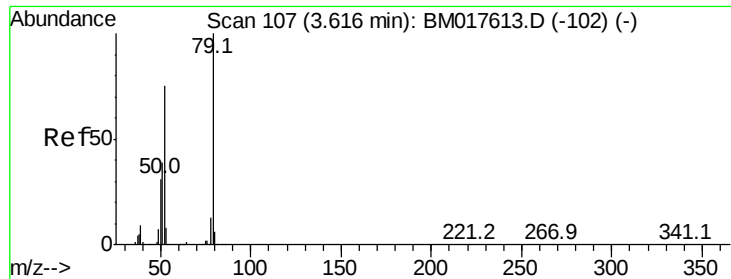
Abundance

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: 87.415 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 1426185

Ion Ratio Lower Upper

79 100

52 73.7 60.1 90.1

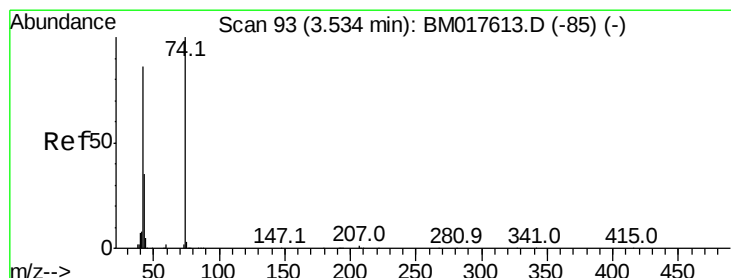
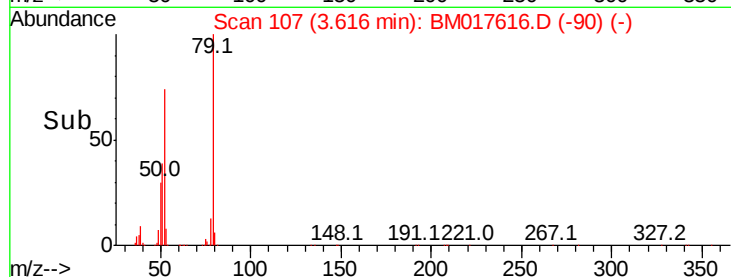
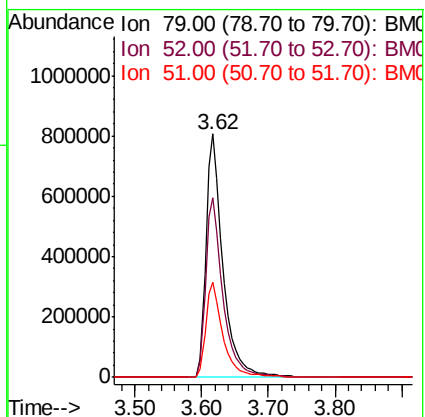
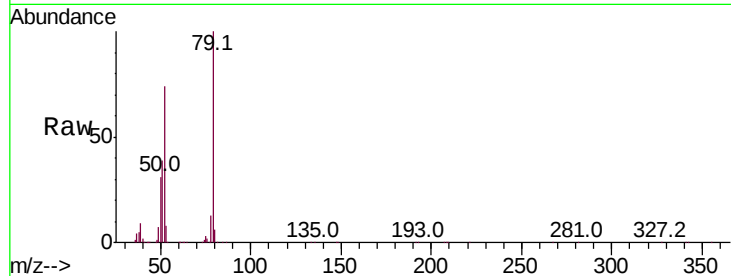
51 39.1 31.1 46.7

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#4

n-Nitrosodimethylamine

Concen: 94.728 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

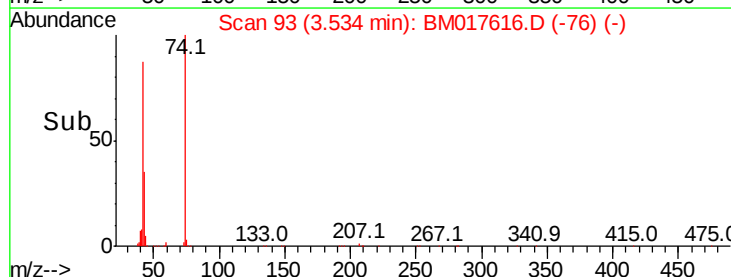
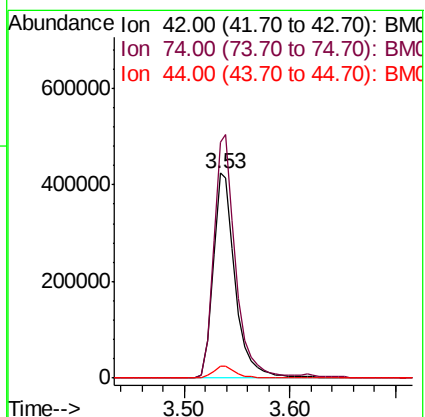
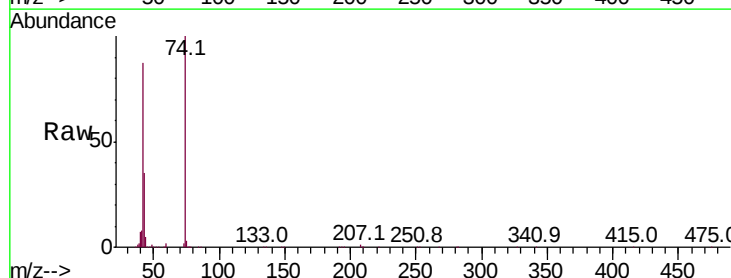
Tgt Ion: 42 Resp: 620432

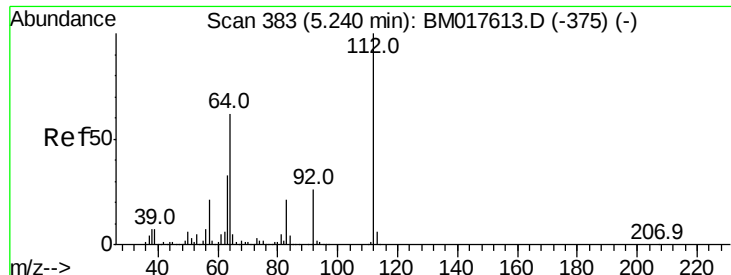
Ion Ratio Lower Upper

42 100

74 115.3 93.1 139.7

44 5.9 5.0 7.6





#5

2-Fluorophenol

Concen: 167.334 ng

RT: 5.24 min Scan# 383

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:112 Resp: 232359

Ion Ratio Lower Upper

112 100

64 61.6 49.3 73.9

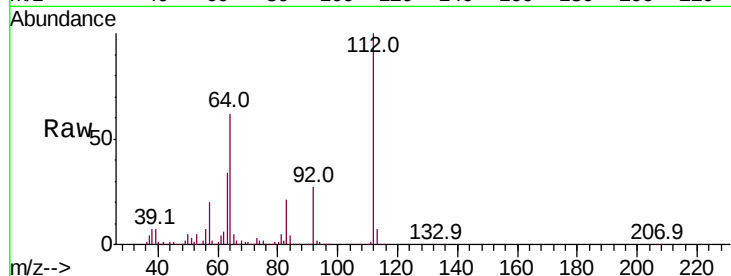
63 33.7 26.2 39.4

Manual Integrations

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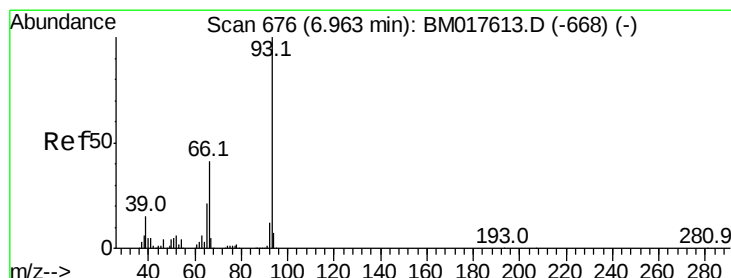
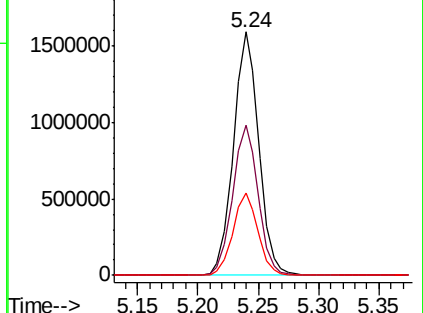
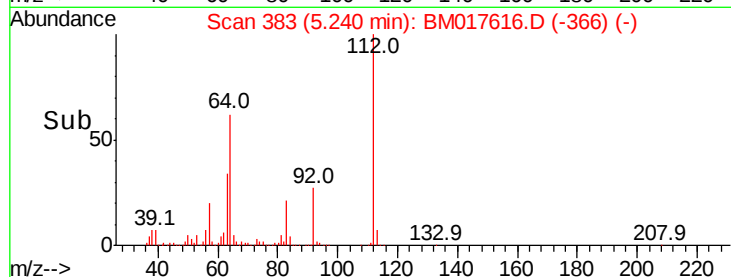
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 85.269 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

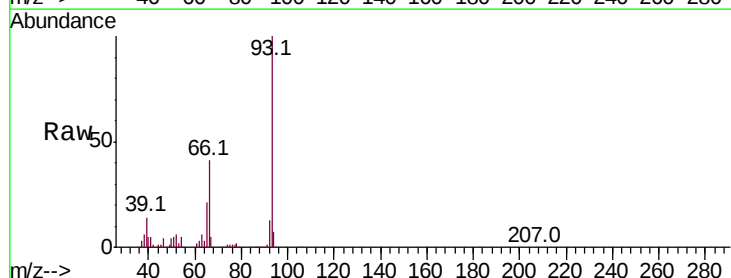
Tgt Ion: 93 Resp: 2017022

Ion Ratio Lower Upper

93 100

66 41.4 32.8 49.2

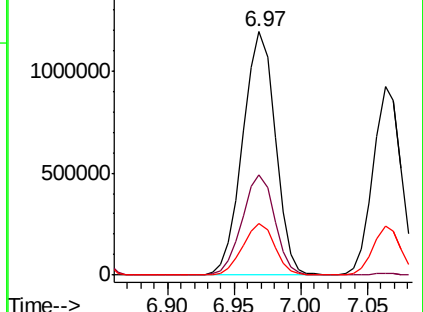
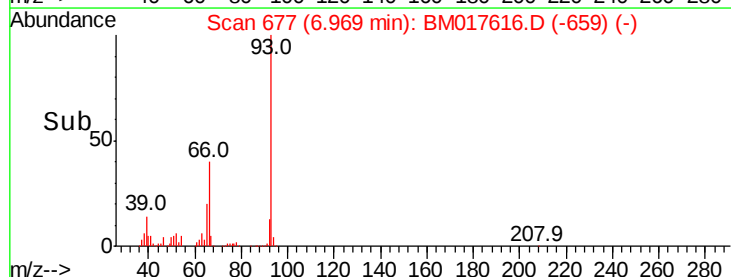
65 21.1 16.6 25.0

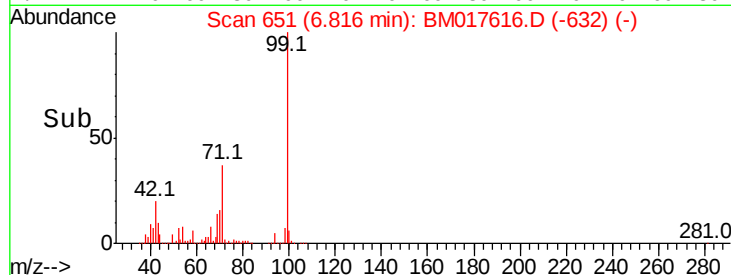
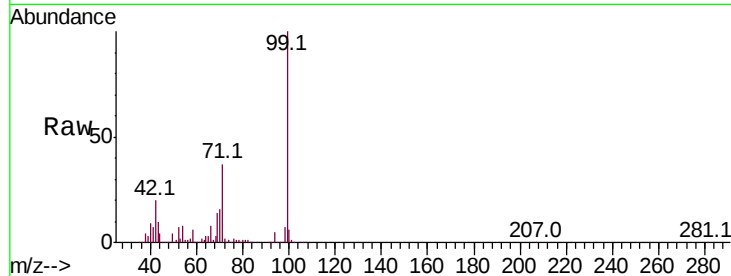
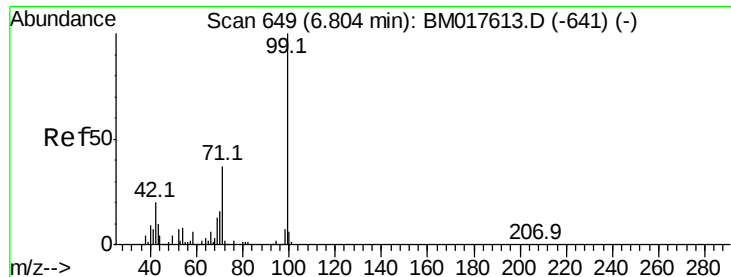


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 172.843 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Tot Ion: 99 Resp: 3268794

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

71 37.0 29.8 44.8

Instrument :

BNA_M

ClientSampleId :

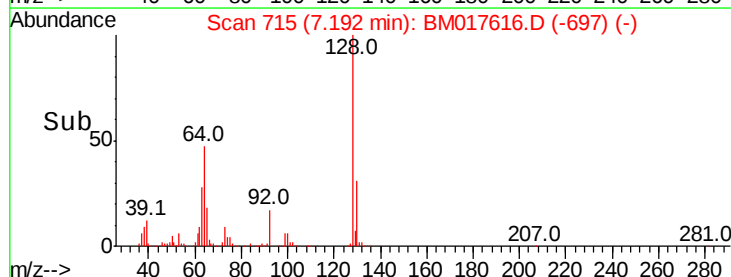
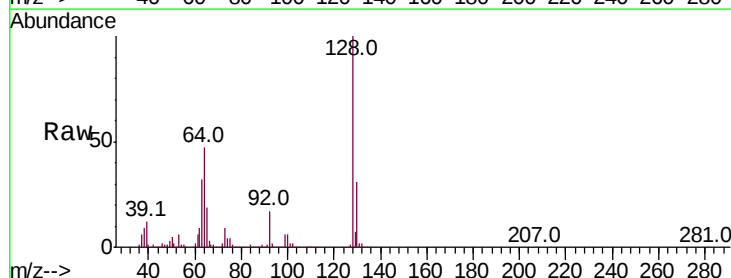
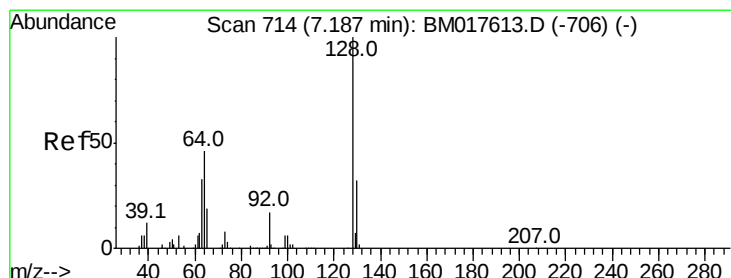
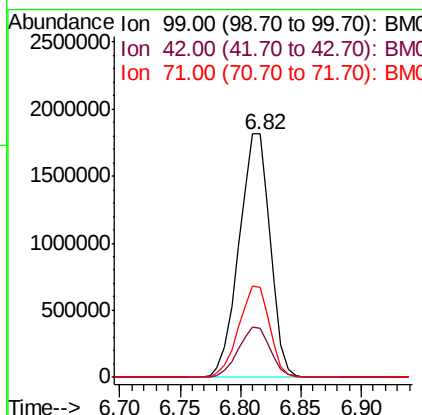
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#8

2-Chlorophenol

Concen: 86.111 ng

RT: 7.19 min Scan# 715

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

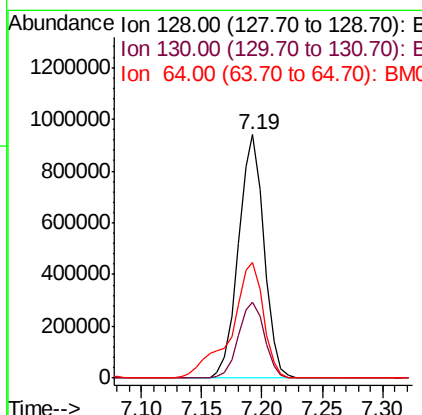
Tgt Ion: 128 Resp: 1383321

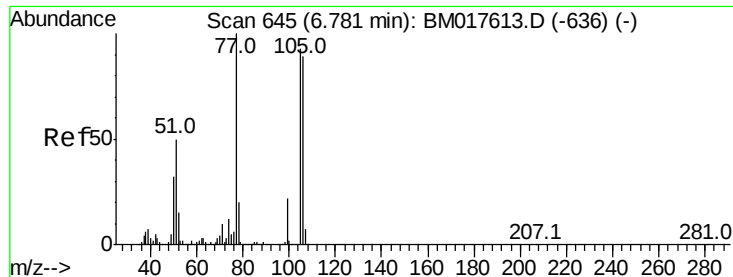
Ion Ratio Lower Upper

128 100

130 31.1 12.4 52.4

64 47.5 30.0 70.0





#9

Benzaldehyde

Concen: 91.972 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1109049

Ion Ratio Lower Upper

77 100

105 94.9 72.7 112.7

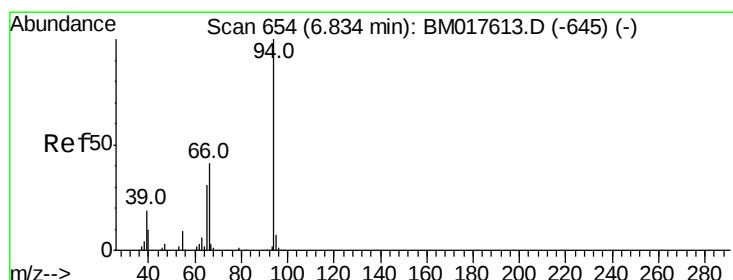
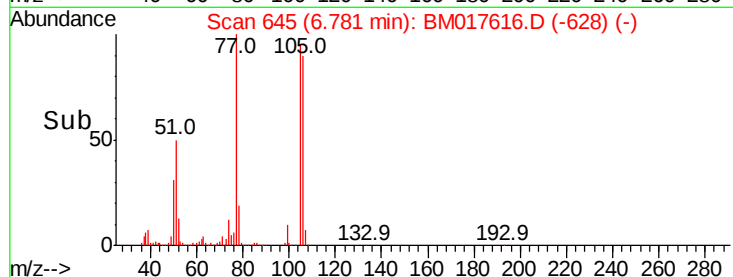
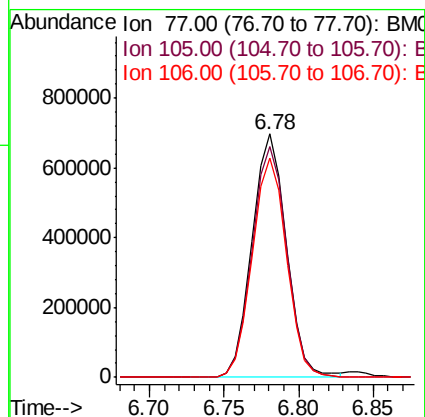
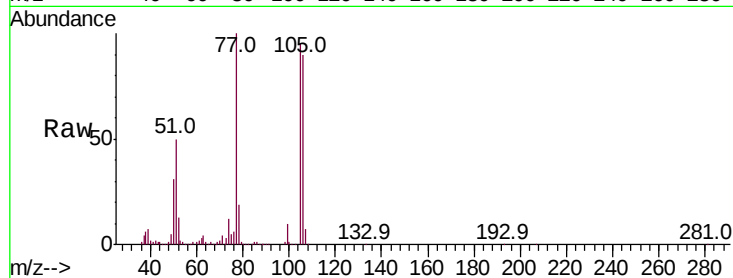
106 89.9 68.9 108.9

Manual Integrations

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#10

Phenol

Concen: 84.439 ng

RT: 6.84 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

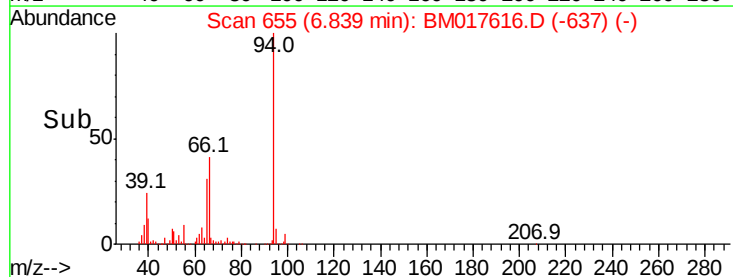
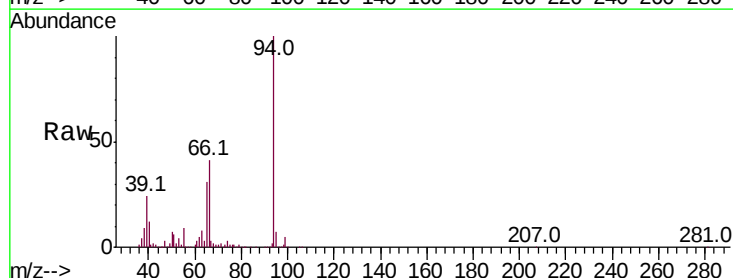
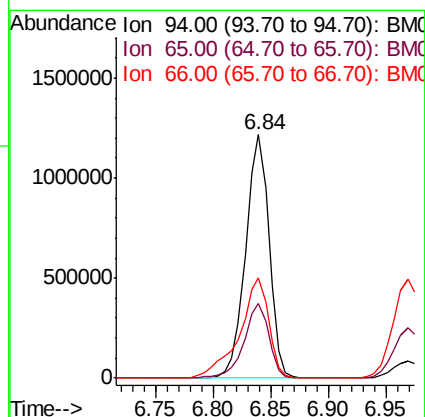
Tgt Ion: 94 Resp: 1718642

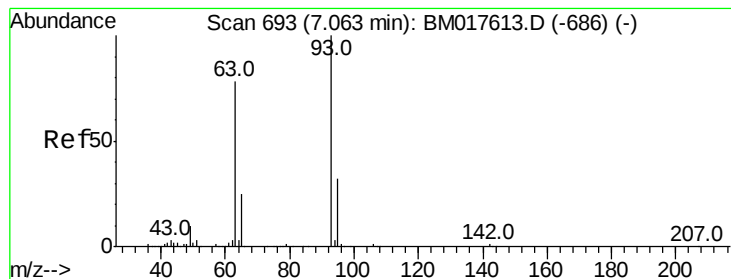
Ion Ratio Lower Upper

94 100

65 30.5 11.4 51.4

66 41.4 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 82.019 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

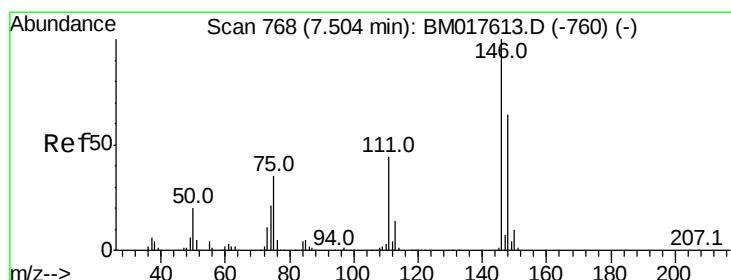
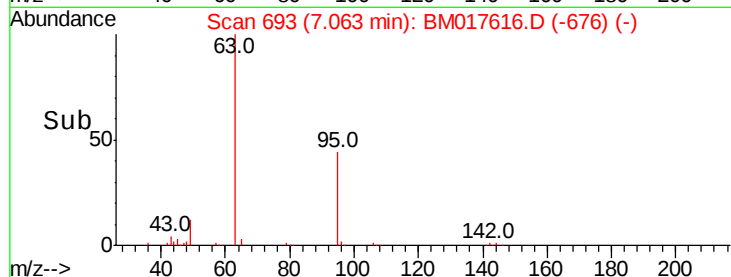
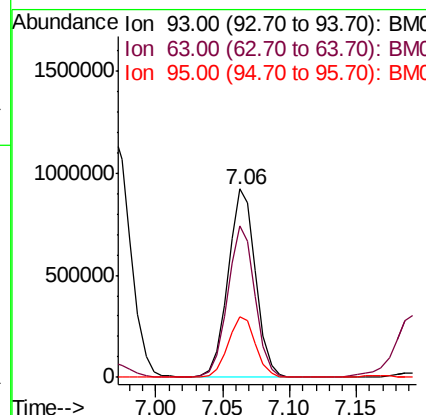
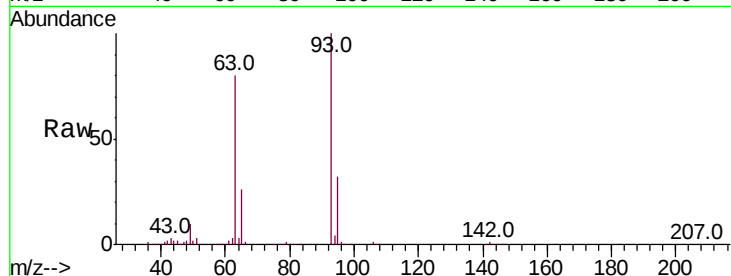
Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion: 93 Resp: 1330780

Ion	Ratio	Lower	Upper
93	100		
63	80.1	57.9	97.9
95	32.3	12.3	52.3

Manual Integrations
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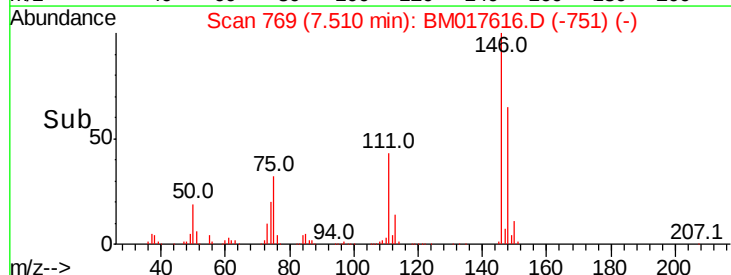
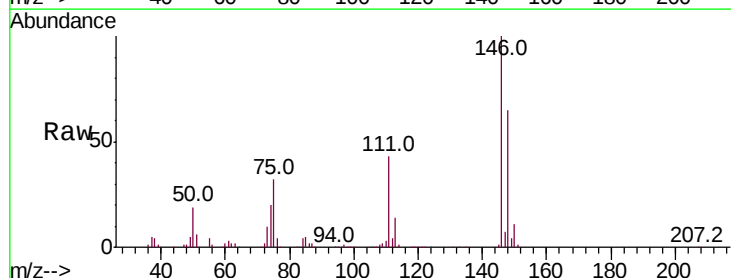
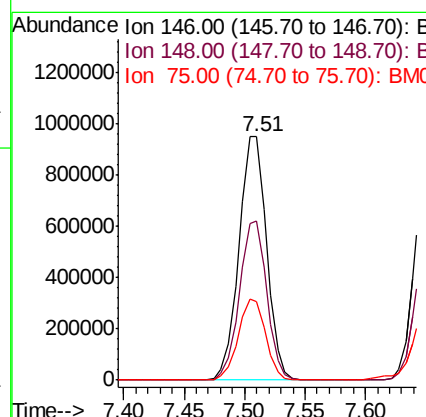
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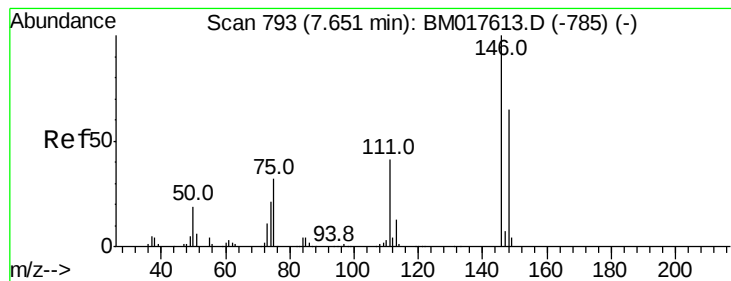


#12
1,3-Dichlorobenzene
Concen: 81.406 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion: 146 Resp: 1524464

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
75	32.3	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 81.487 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1559063

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

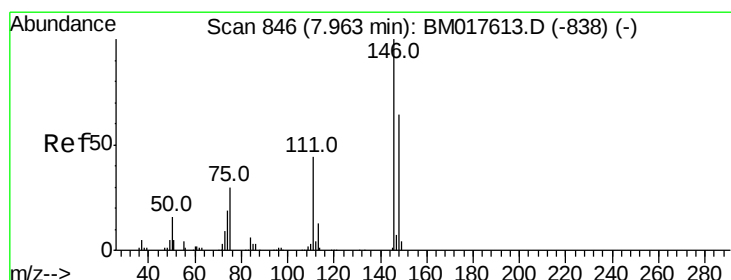
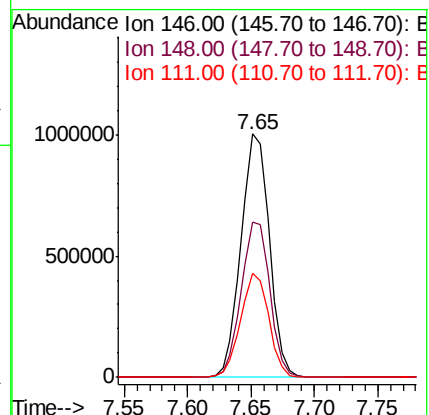
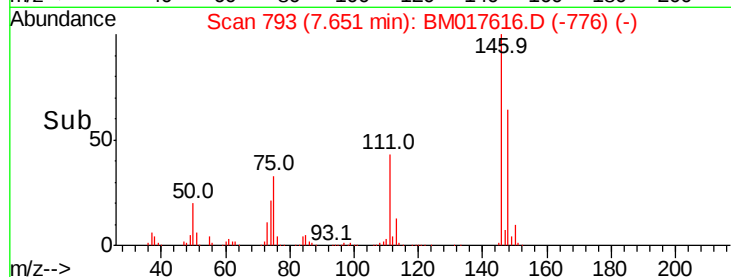
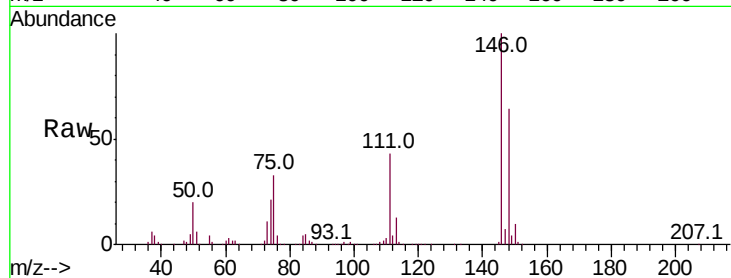
111 42.8 33.2 49.8

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 82.182 ng

RT: 7.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

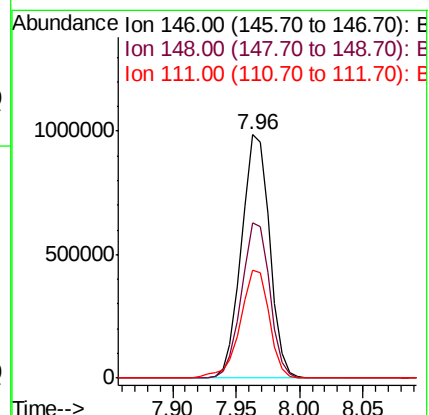
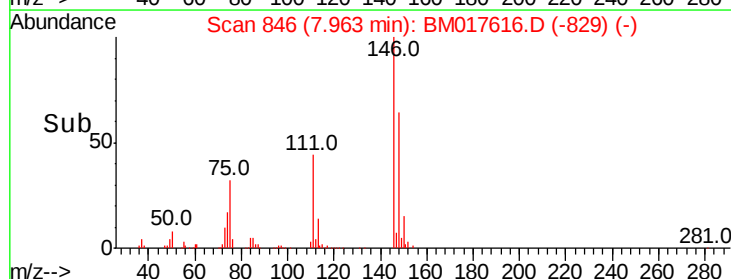
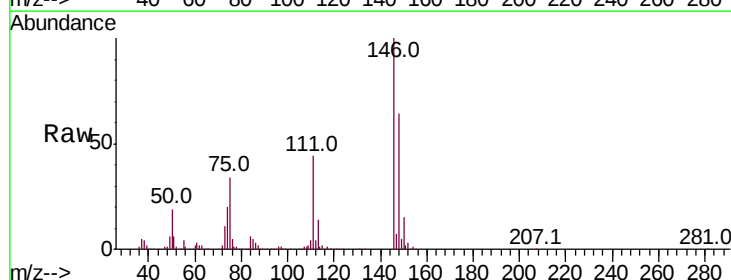
Tgt Ion:146 Resp: 1514929

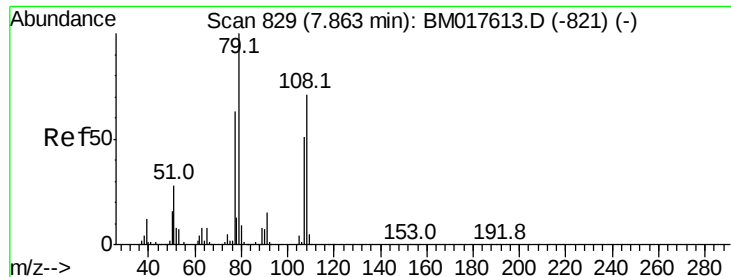
Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

111 44.3 35.8 53.8





#15

Benzyl Alcohol

Concen: 95.703 ng

RT: 7.87 min Scan# 830

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1322961

Ion Ratio Lower Upper

79 100

108 71.5 57.1 85.7

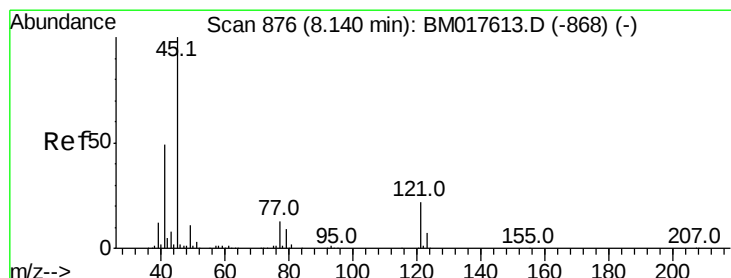
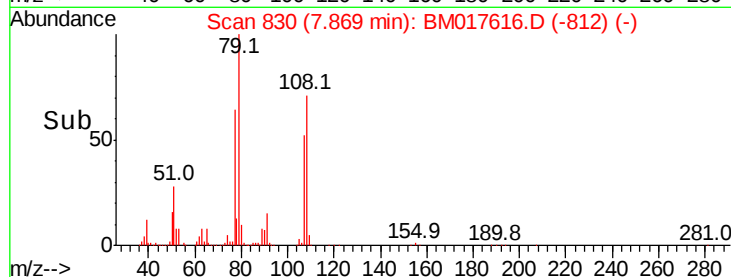
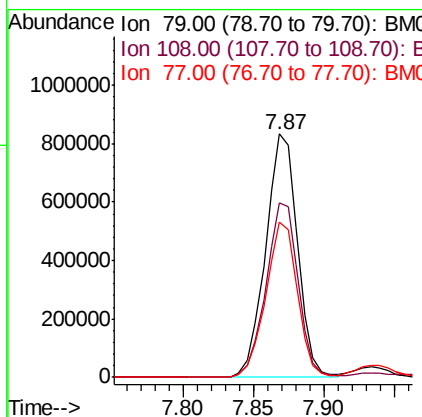
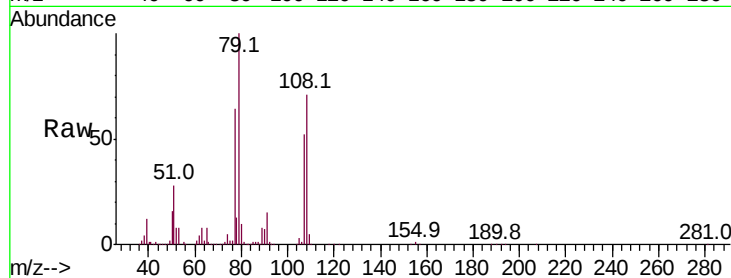
77 63.9 50.4 75.6

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 86.764 ng

RT: 8.15 min Scan# 878

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

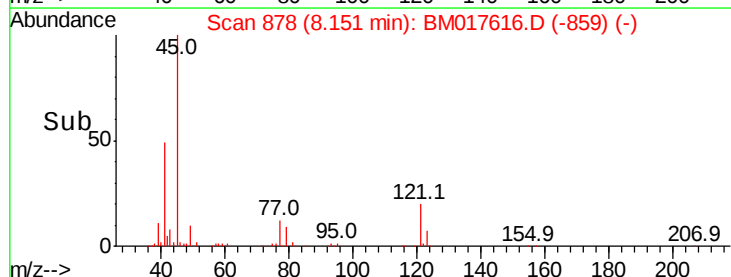
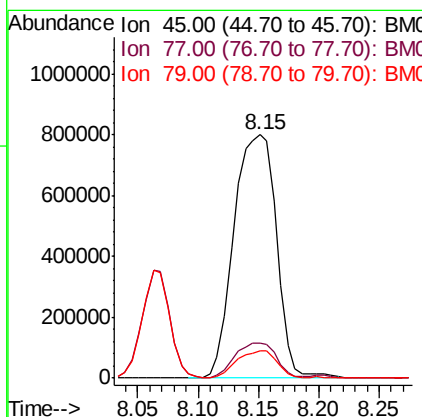
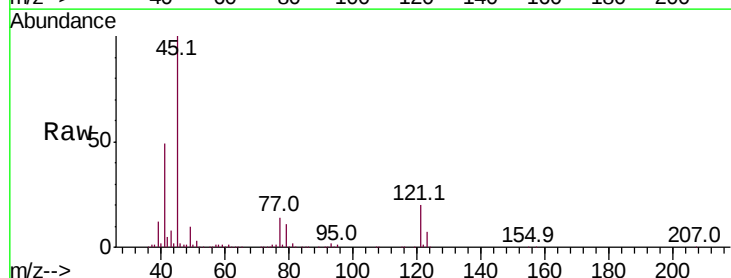
Tgt Ion: 45 Resp: 1966775

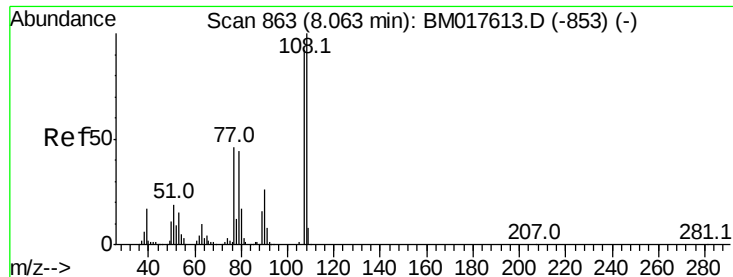
Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.2

79 11.2 0.0 30.5





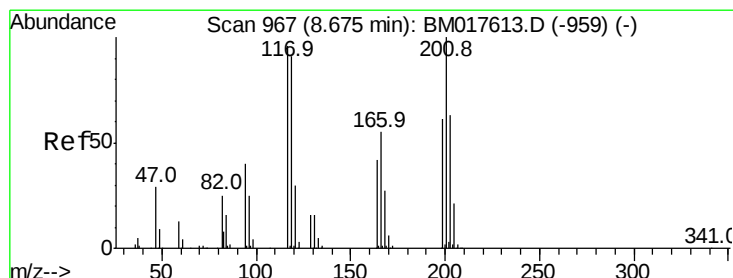
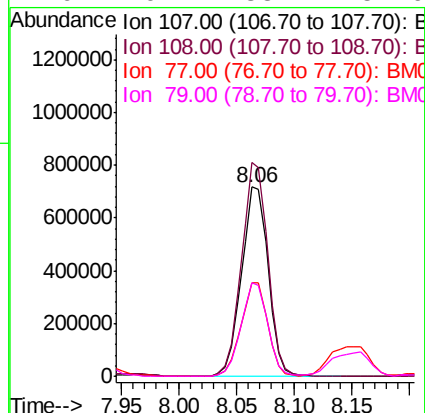
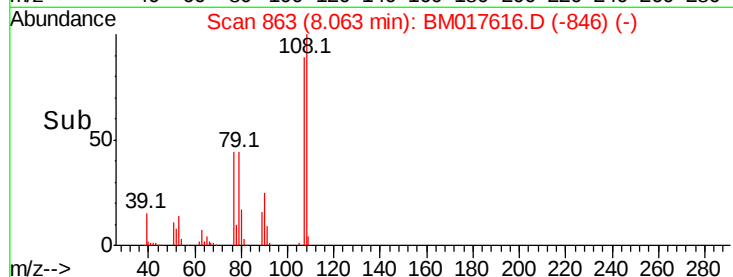
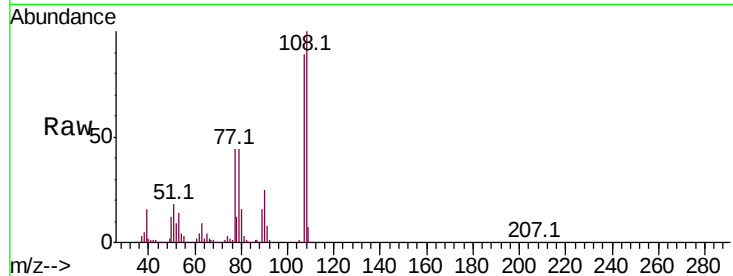
#17
2-Methylphenol
Concen: 87.763 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	86.7	130.1
77	49.7	39.8	59.6
79	49.2	38.4	57.6

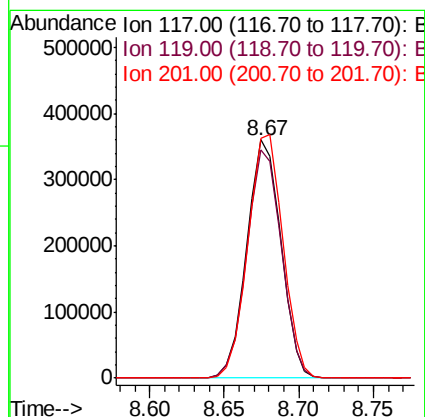
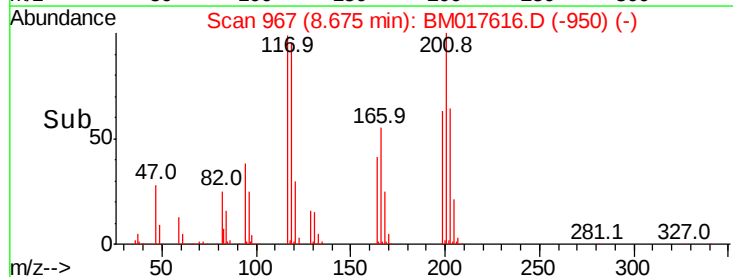
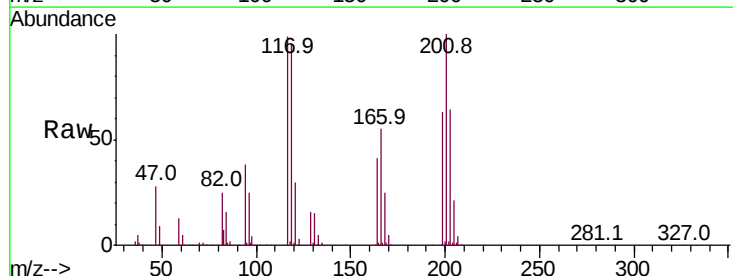
Manual Integrations
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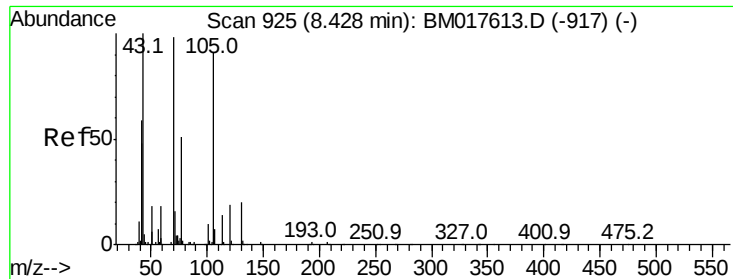
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#18
Hexachloroethane
Concen: 86.879 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	100.6	83.0	124.4





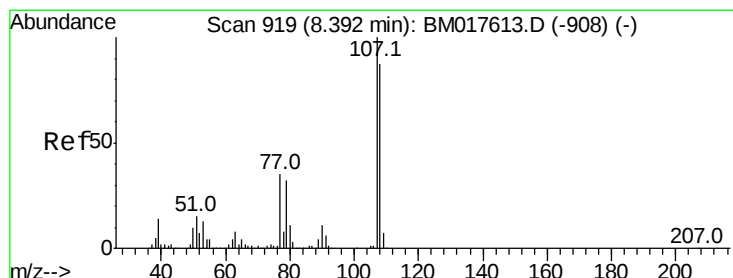
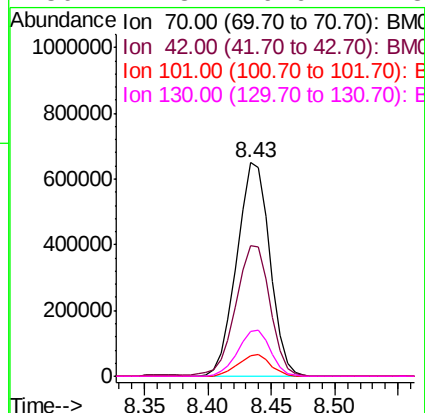
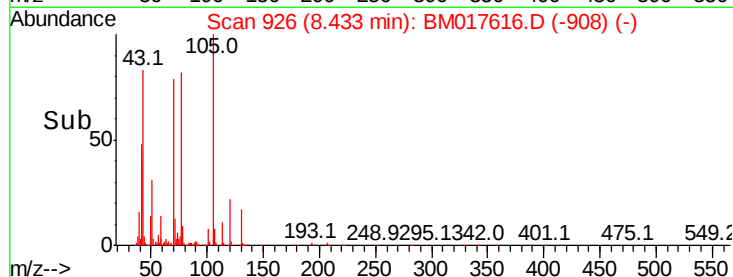
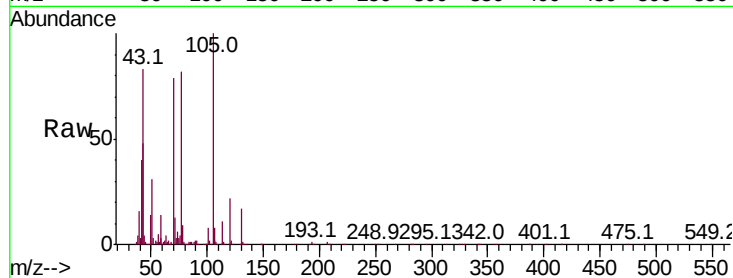
#19
n-Nitroso-di-n-propylamine
Concen: 94.315 ng
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	48.6	73.0
101	9.8	7.9	11.9
130	21.3	16.6	24.8

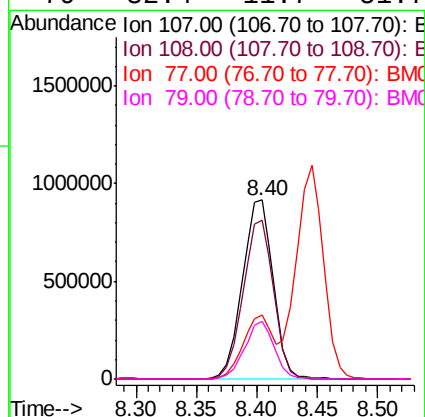
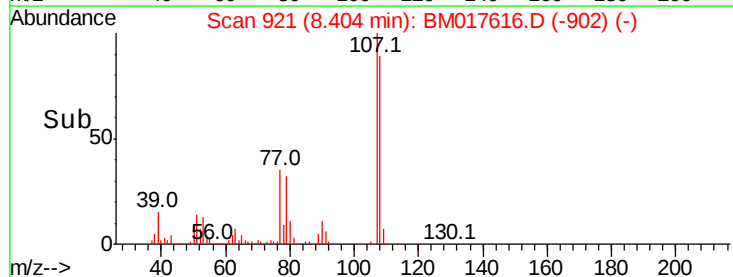
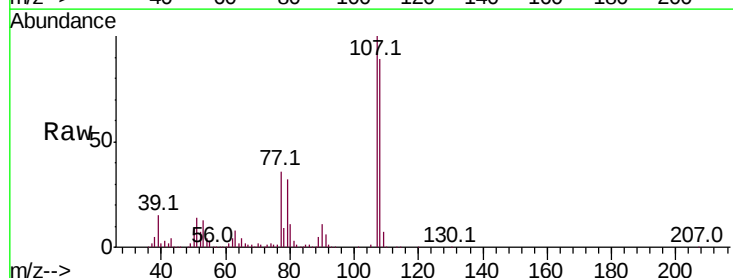
Manual Integrations
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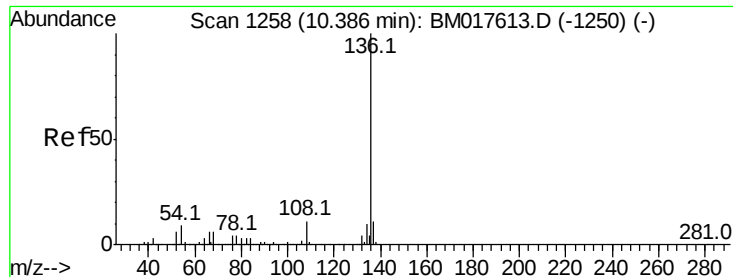
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#20
3+4-Methylphenols
Concen: 91.091 ng
RT: 8.40 min Scan# 921
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.0	107.0
77	35.8	15.6	55.6
79	32.4	11.7	51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.39 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

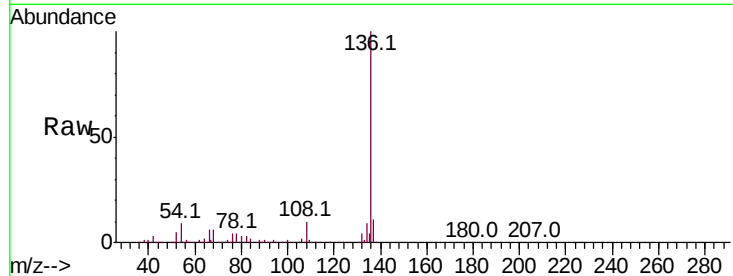
ClientSampleId :

SSTDICC080

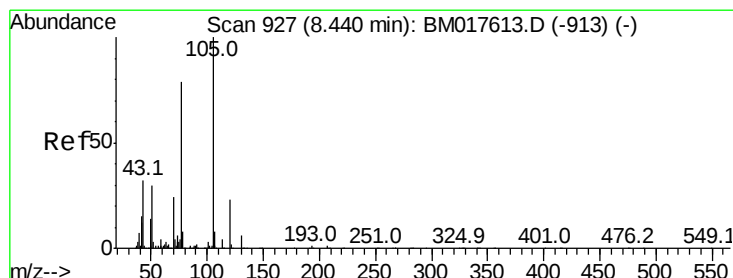
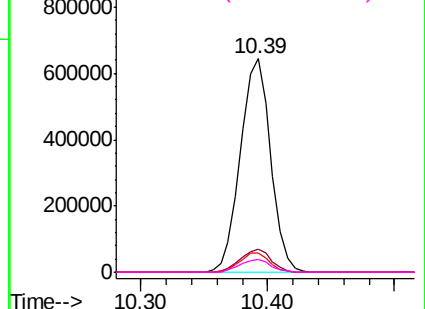
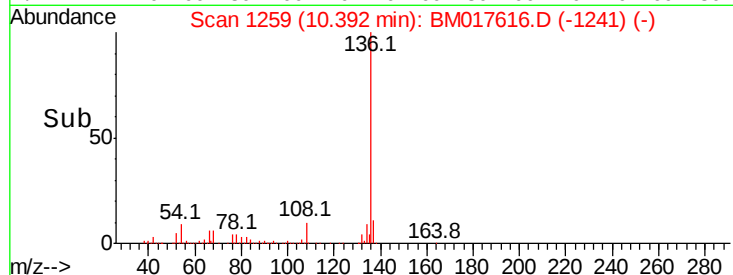
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.0	7.0	10.6
68	5.8	4.9	7.3

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Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 80.842 ng

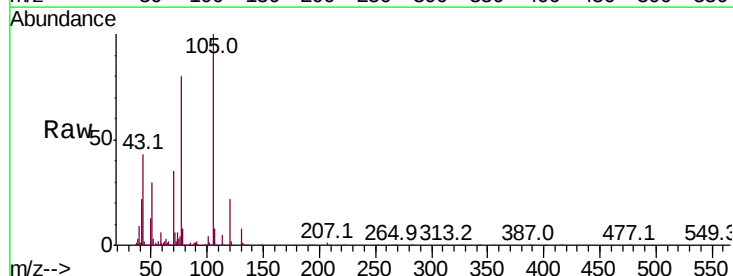
RT: 8.45 min Scan# 928

Delta R.T. 0.01 min

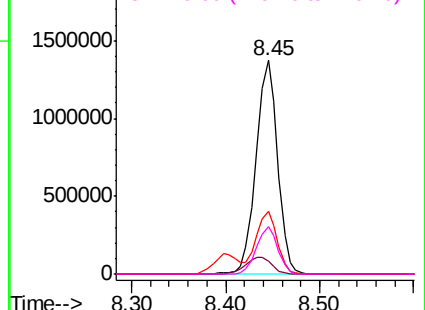
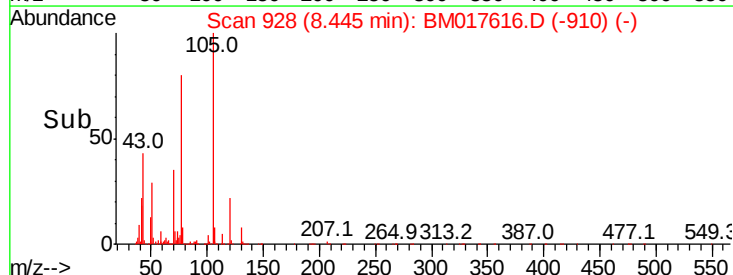
Lab File: BM017616.D

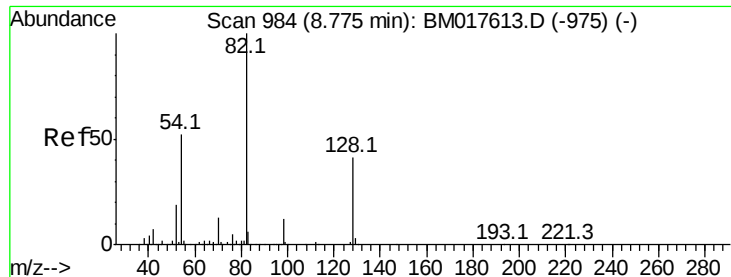
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.1	4.7#
51	29.5	23.8	35.8
120	22.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
2000000
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





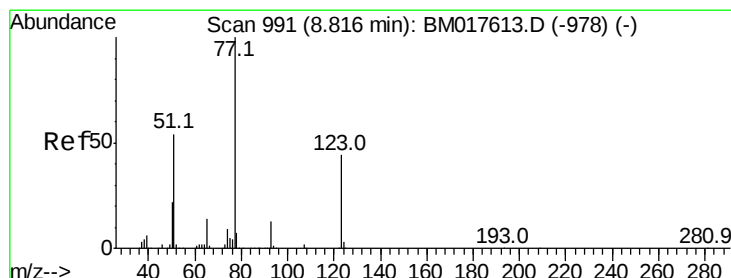
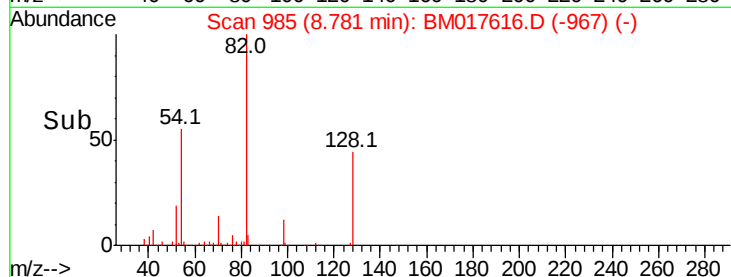
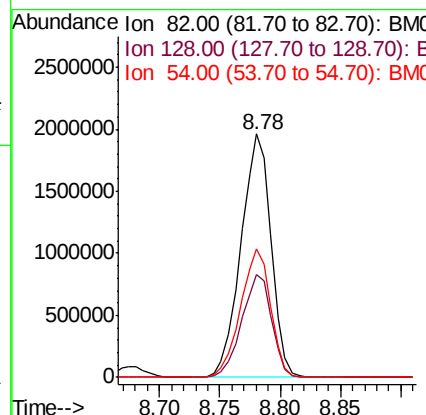
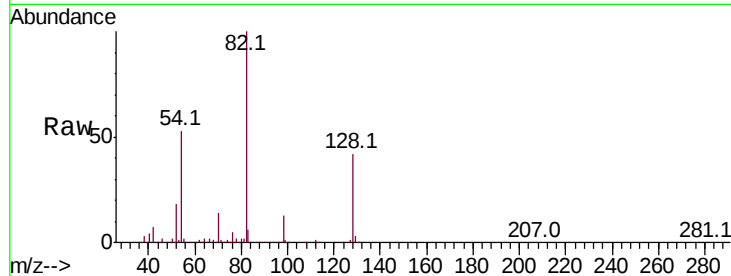
#23
Nitrobenzene-d5
Concen: 187.100 ng
RT: 8.78 min Scan# 985
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	82	Resp	3402361
Ion Ratio	100	Lower	Upper
82	100		
128	42.3	33.0	49.4
54	52.7	41.4	62.2

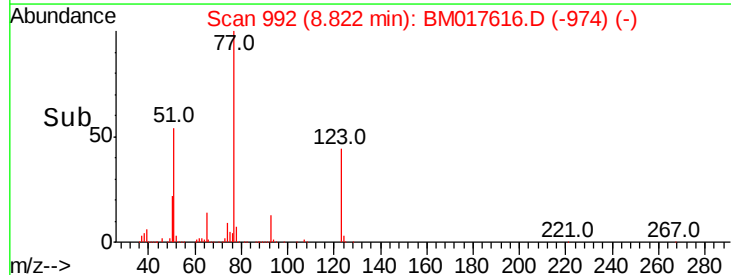
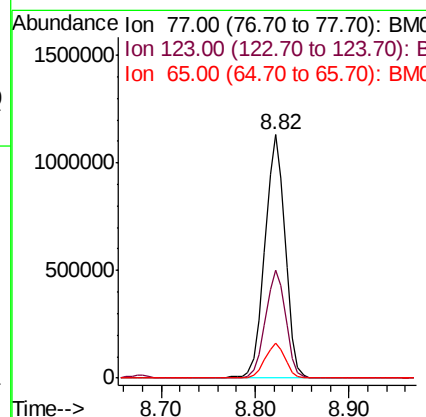
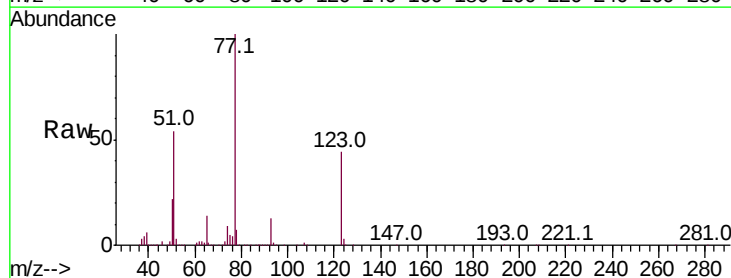
Manual Integrations
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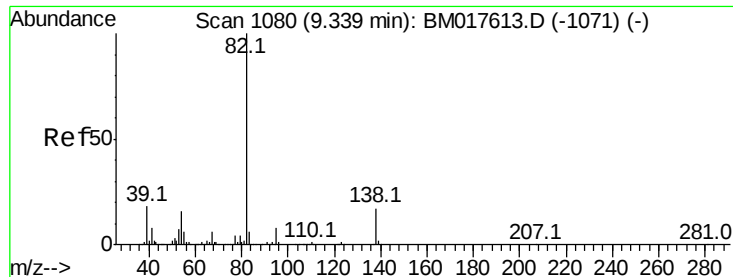
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#24
Nitrobenzene
Concen: 87.572 ng
RT: 8.82 min Scan# 992
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	77	Resp	1684481
Ion Ratio	100	Lower	Upper
77	100		
123	44.3	35.1	52.7
65	14.2	11.0	16.6





#25

Isophorone

Concen: 88.705 ng

RT: 9.35 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 2663652

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

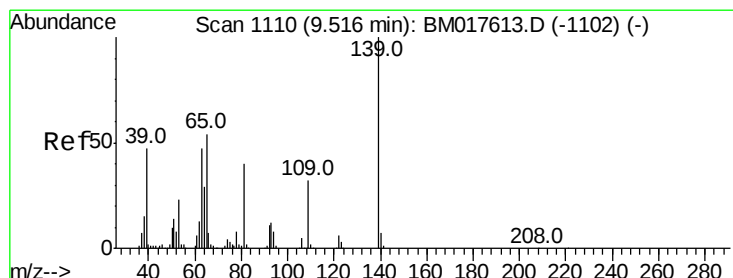
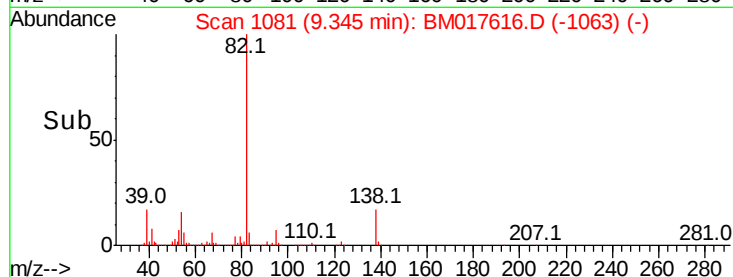
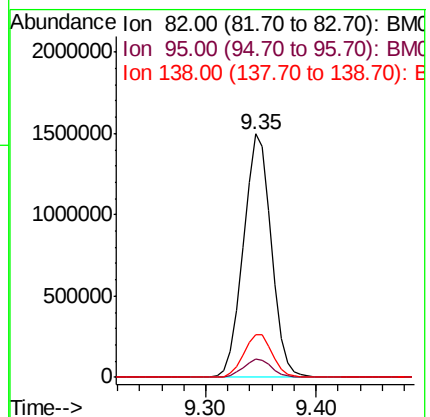
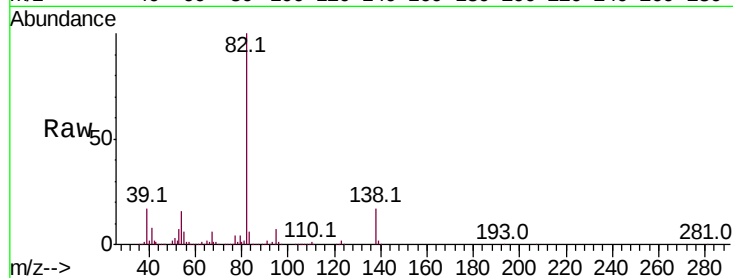
138 17.4 13.9 20.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 102.235 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

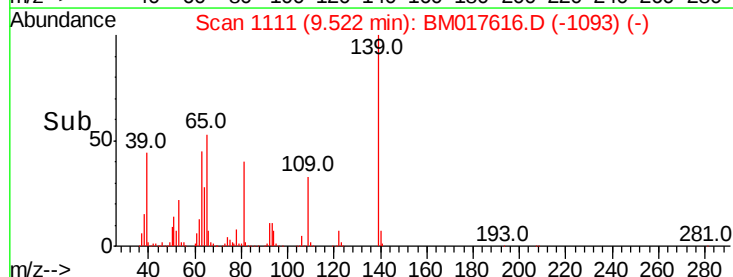
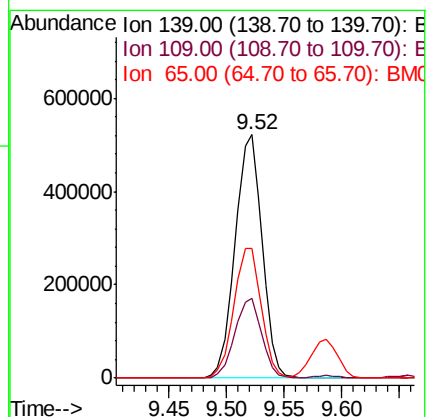
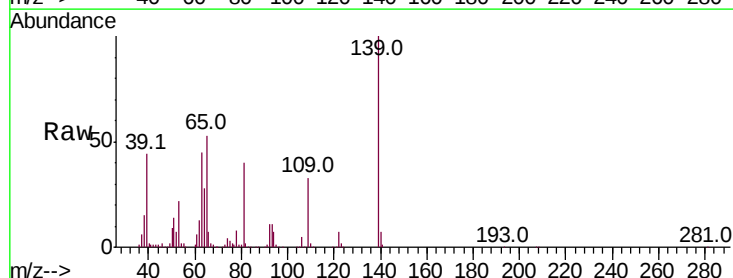
Tgt Ion: 139 Resp: 847723

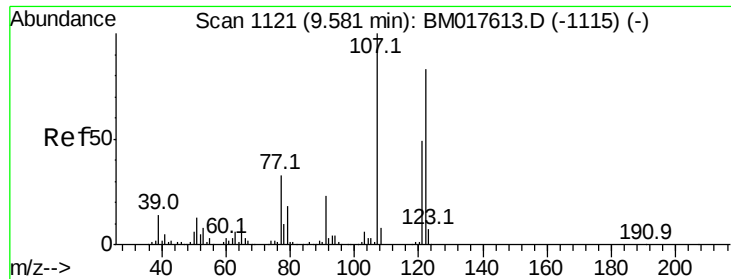
Ion Ratio Lower Upper

139 100

109 32.6 25.9 38.9

65 53.1 43.0 64.4





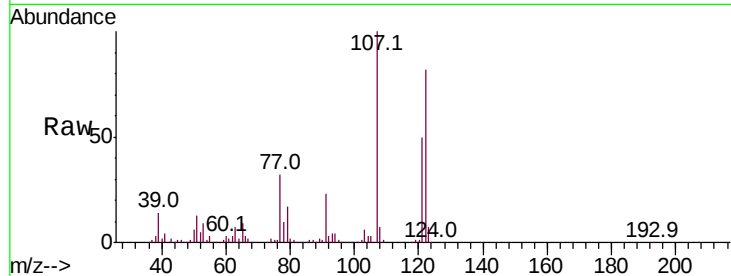
#27
2,4-Dimethylphenol
Concen: 86.953 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	95.8	143.8
121	61.0	47.2	70.8

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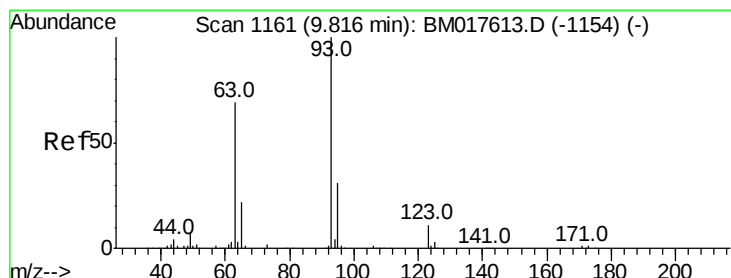
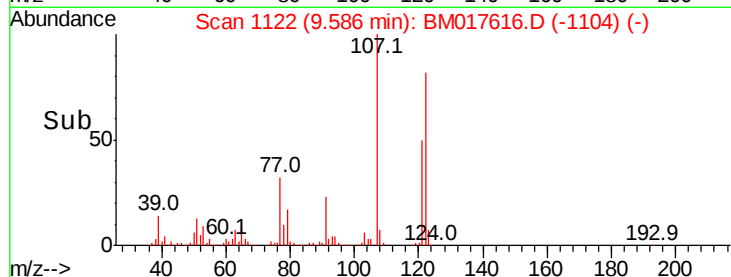
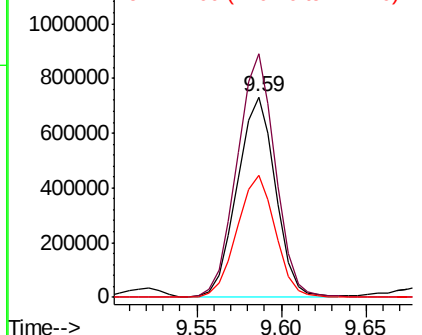


Abundance

Ion 122.00 (121.70 to 122.70): E

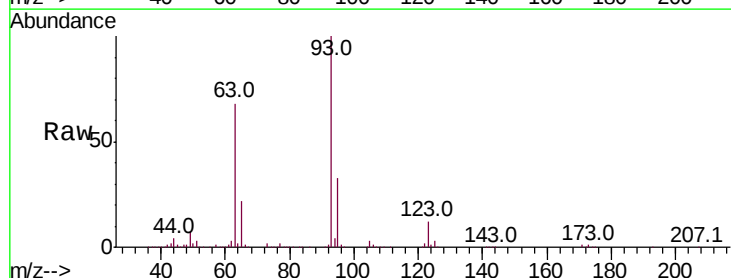
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 83.626 ng
RT: 9.82 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.9	37.3
123	11.6	8.7	13.1

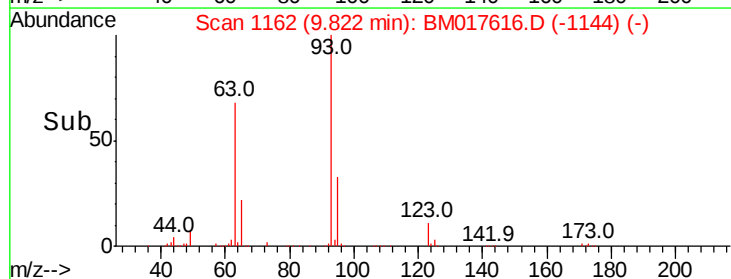
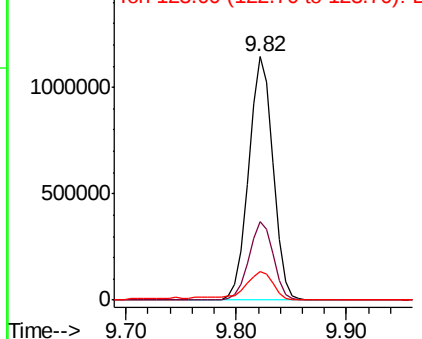


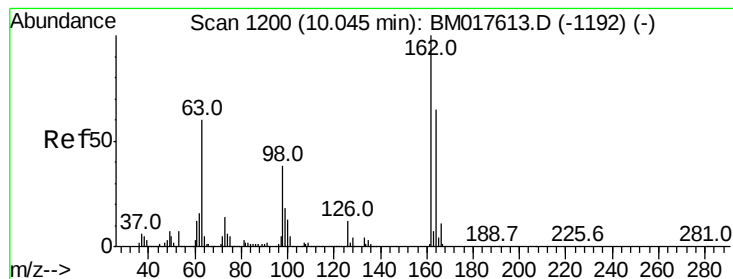
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 89.459 ng

RT: 10.05 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1379145

Ion Ratio Lower Upper

162 100

164 63.3 45.0 85.0

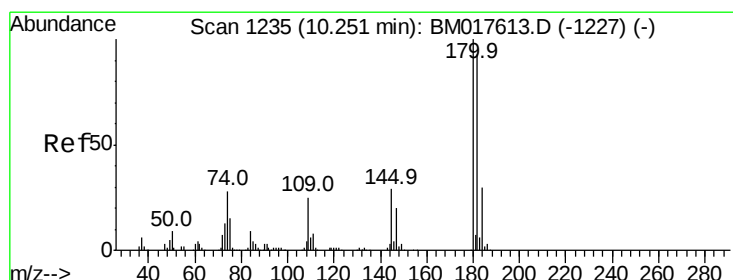
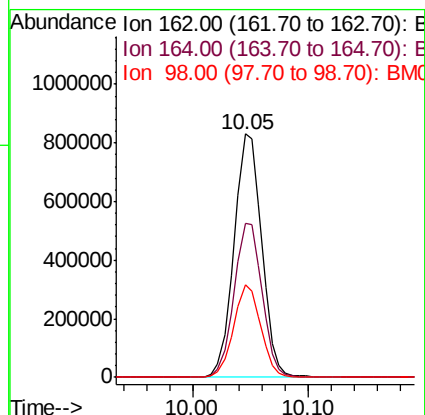
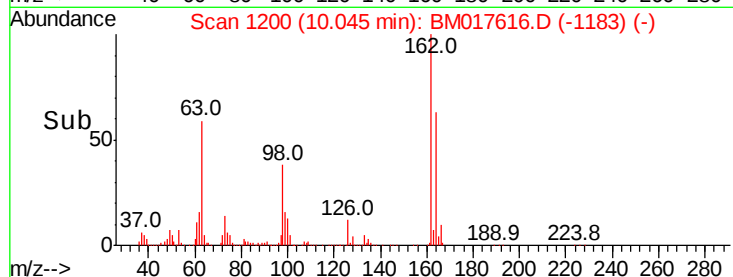
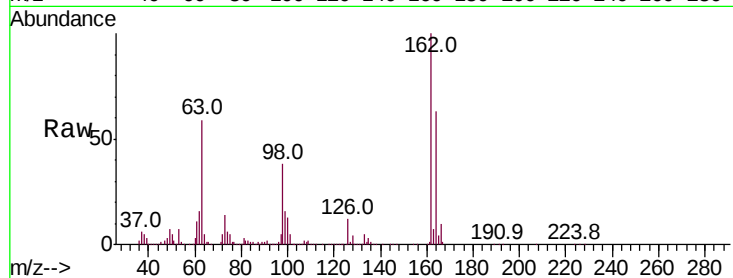
98 37.8 17.5 57.5

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#30

1,2,4-Trichlorobenzene

Concen: 82.539 ng

RT: 10.26 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

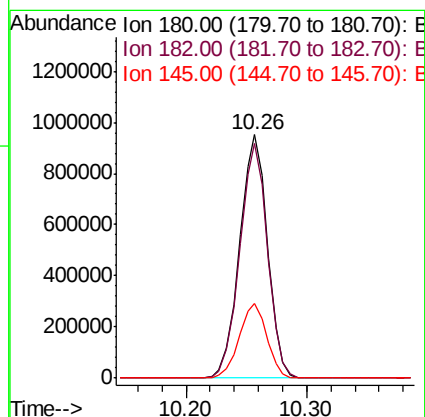
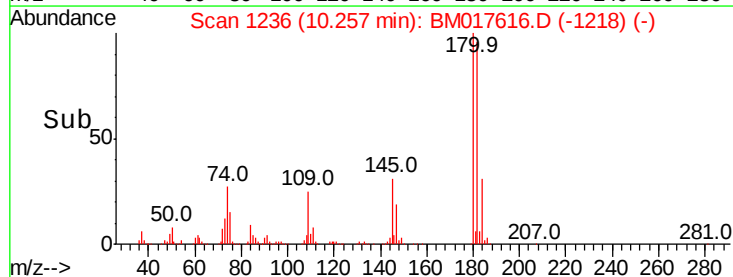
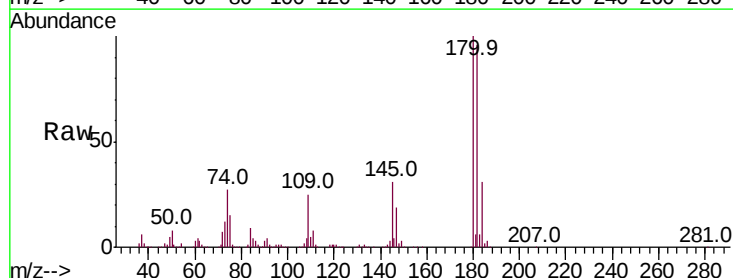
Tgt Ion:180 Resp: 1526468

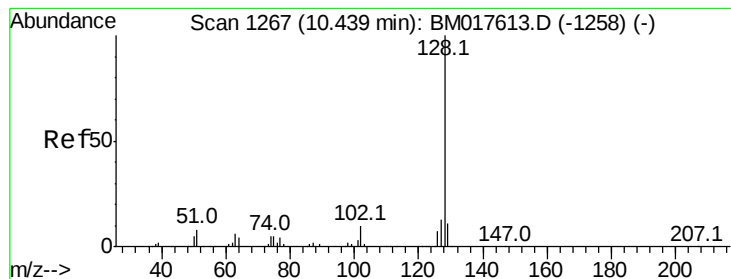
Ion Ratio Lower Upper

180 100

182 96.3 74.4 111.6

145 30.8 23.5 35.3





#31

Naphthalene

Concen: 81.300 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 4237378

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

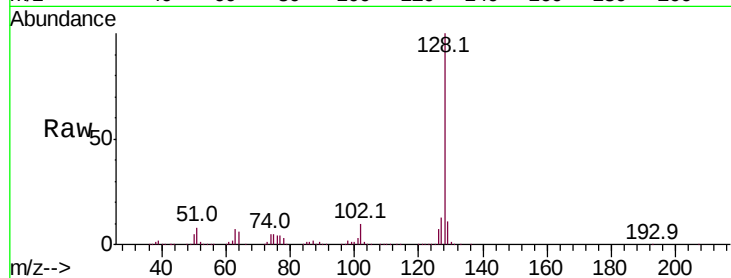
127 13.3 10.3 15.5

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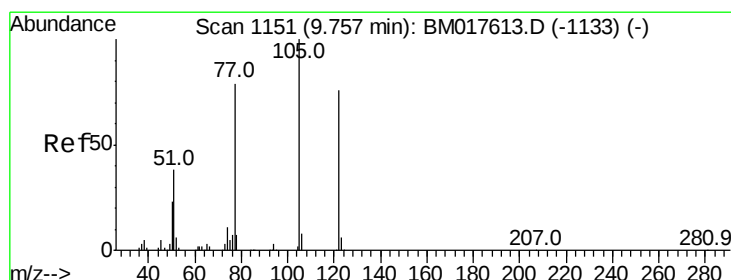
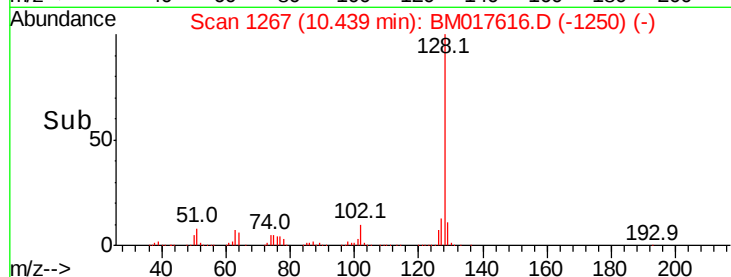
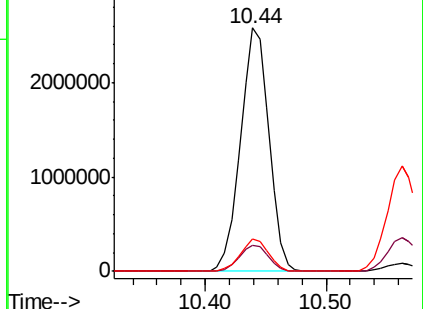
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 114.275 ng m

RT: 9.81 min Scan# 1160

Delta R.T. 0.05 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

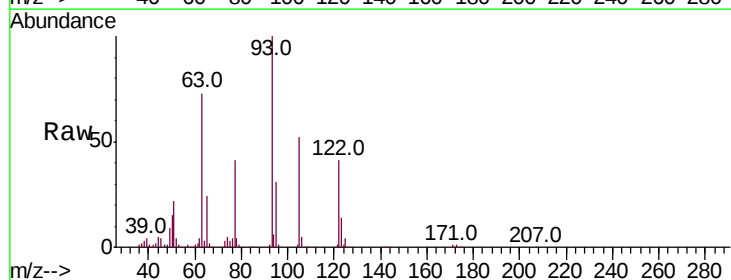
Tgt Ion:122 Resp: 1132143

Ion Ratio Lower Upper

122 100

105 126.2 109.1 149.1

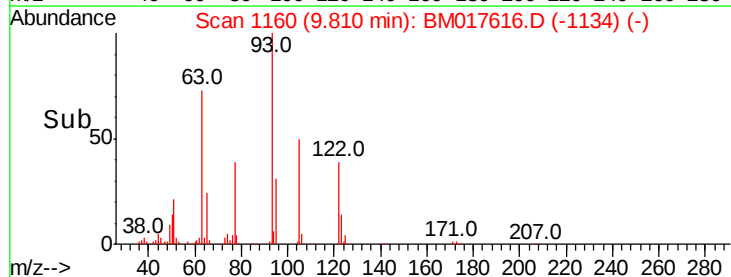
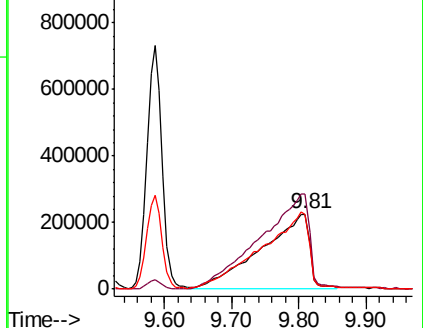
77 99.5 82.1 122.1

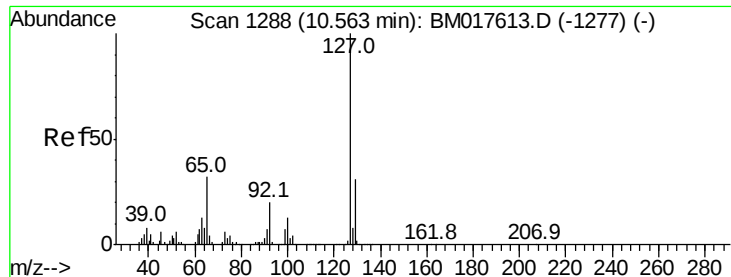


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





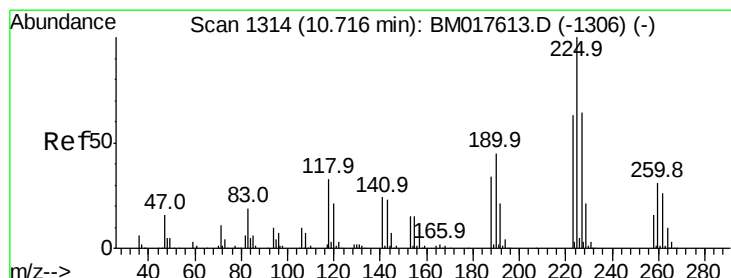
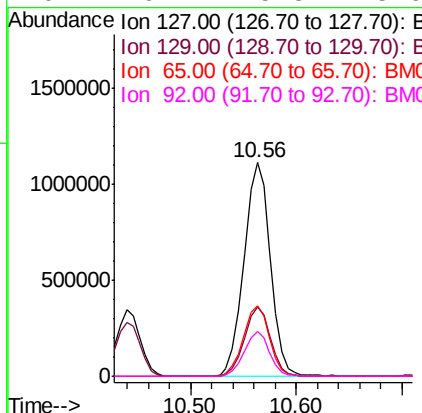
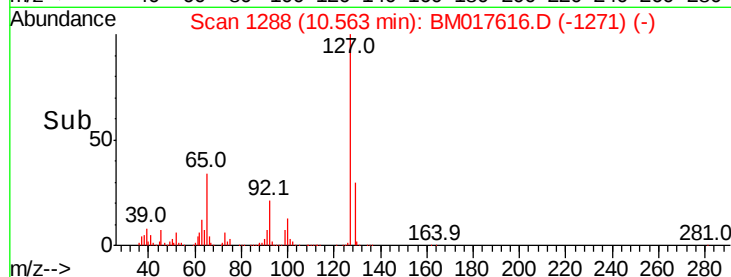
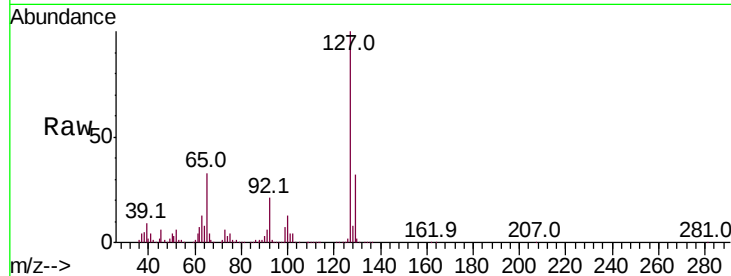
#33
4-Chloroaniline
Concen: 85.941 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	32.8	25.8	38.8
92	20.7	15.8	23.6

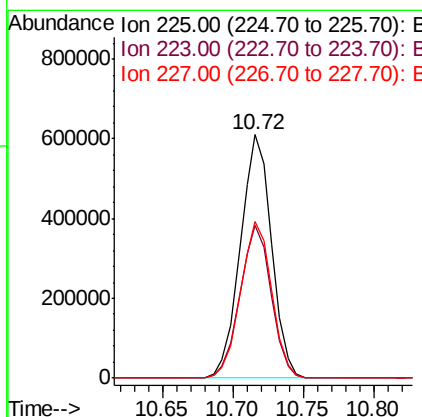
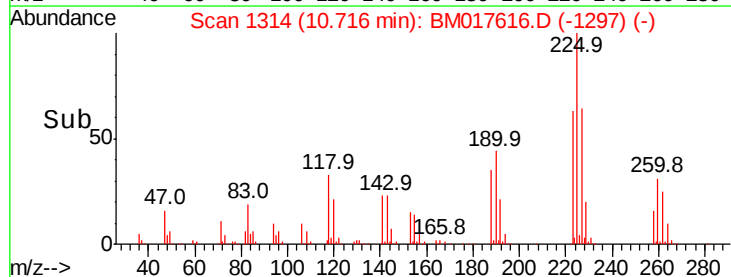
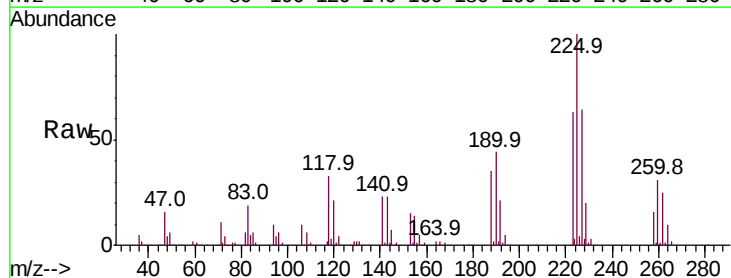
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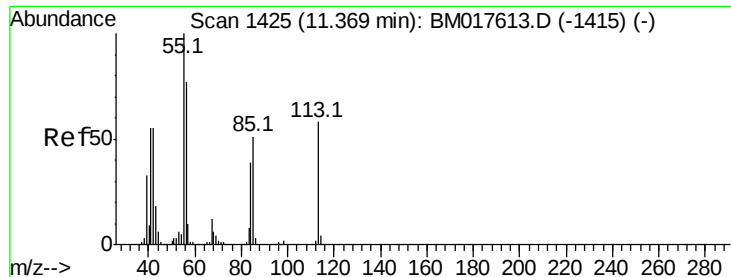
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#34
Hexachlorobutadiene
Concen: 80.380 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.2	51.0	76.4





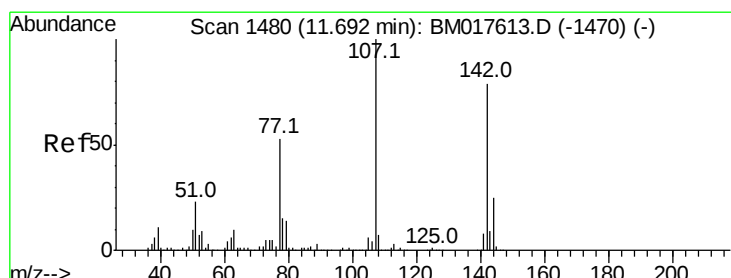
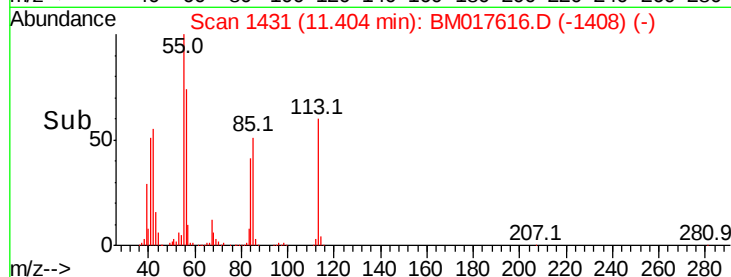
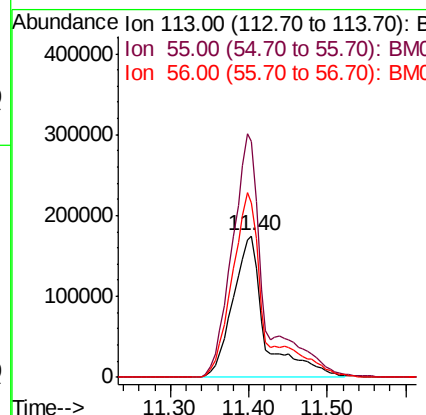
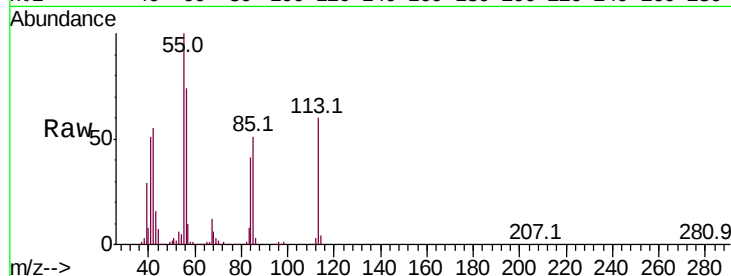
#35
Caprolactam
Concen: 89.281 ng/ml
RT: 11.40 min Scan# 1431
Delta R.T. 0.04 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.7	153.1	193.1
56	123.2	112.7	152.7

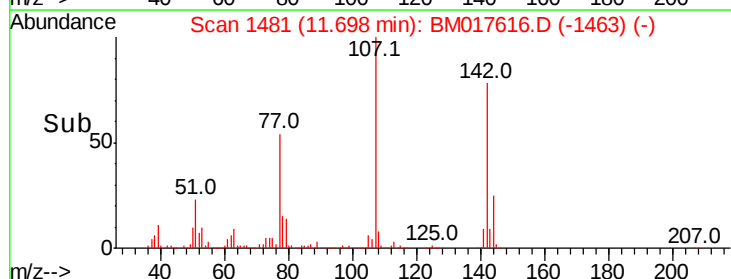
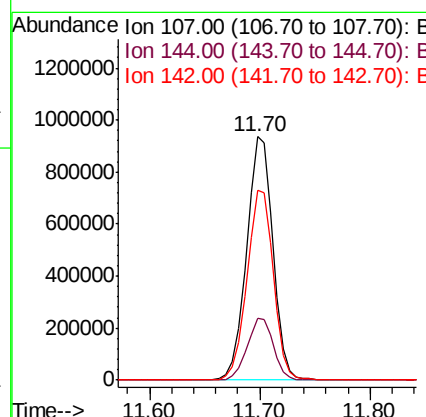
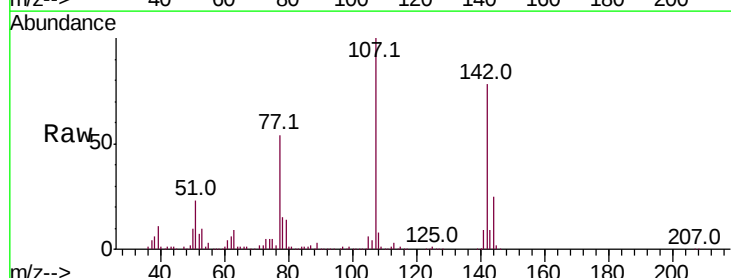
Manual Integrations
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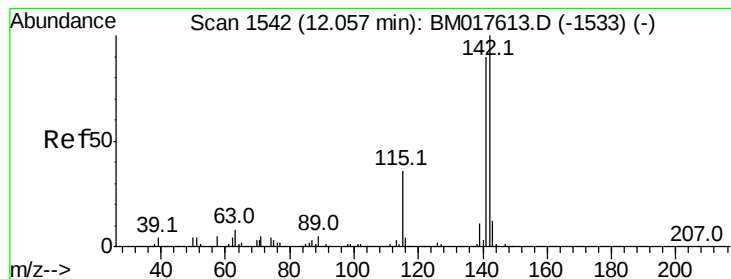
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#36
4-Chloro-3-methylphenol
Concen: 90.312 ng
RT: 11.70 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.9	29.9
142	78.0	63.0	94.4





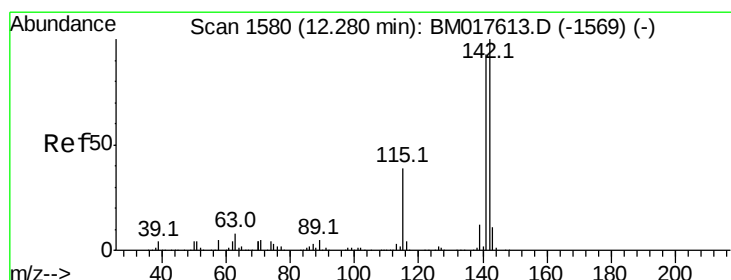
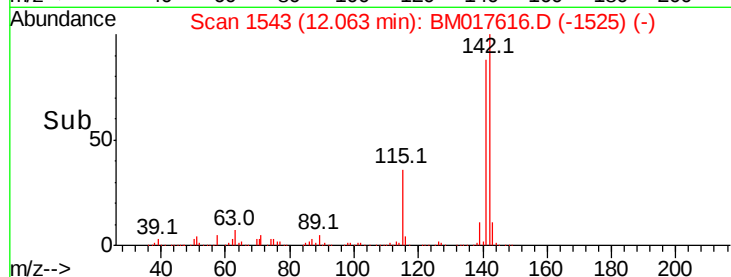
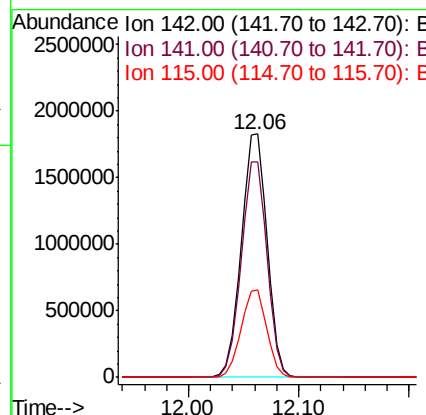
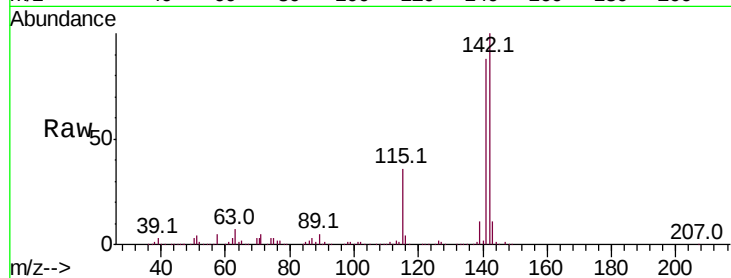
#37
2-Methylnaphthalene
Concen: 84.537 ng
RT: 12.06 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4
115	35.8	28.5	42.7

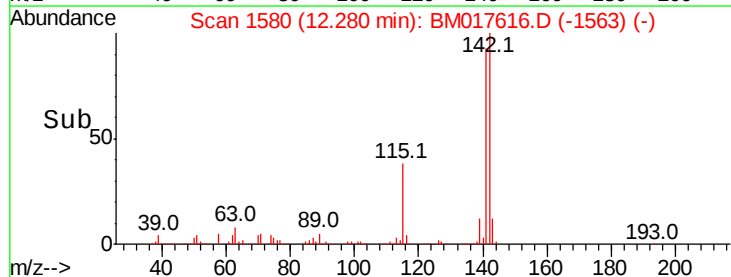
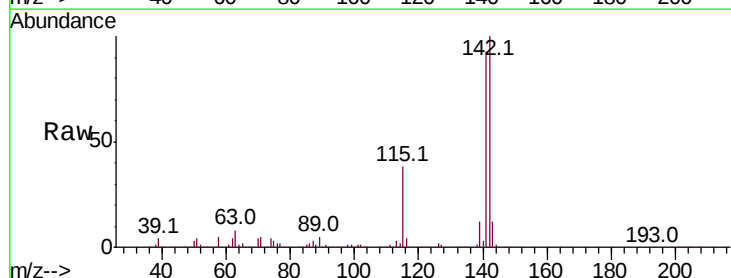
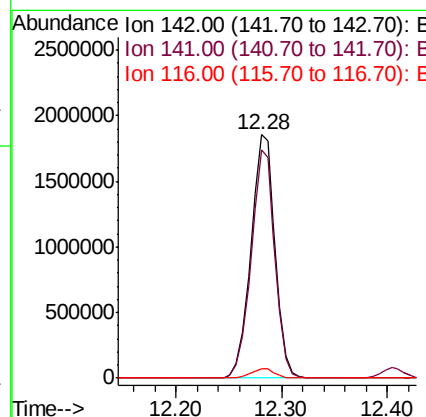
Manual Integrations
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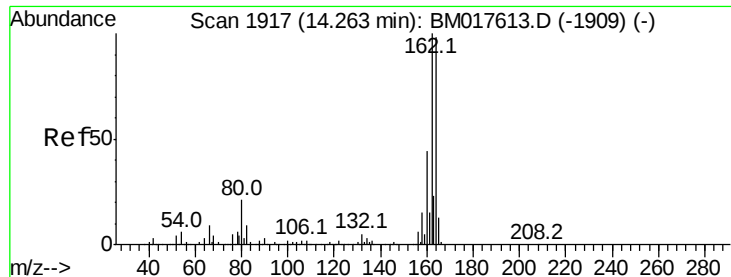
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#38
1-Methylnaphthalene
Concen: 84.207 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

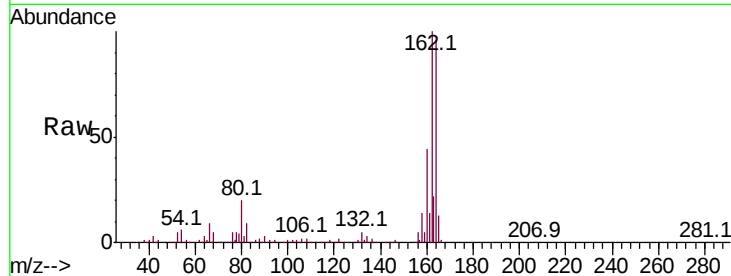
ClientSampleId :

SSTDICC080

Tot Ion:	164	Resp:	617412
Ion Ratio	Lower	Upper	
164	100		
162	104.1	81.4	122.0
160	46.2	35.6	53.4

Manual Integrations
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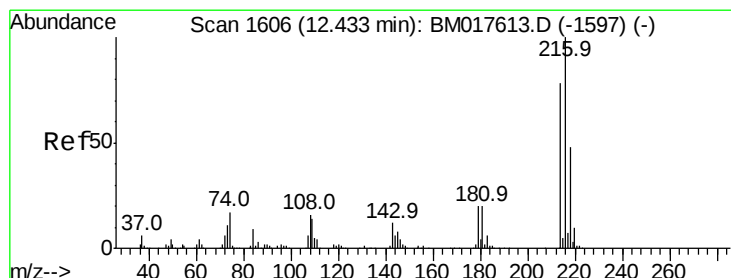
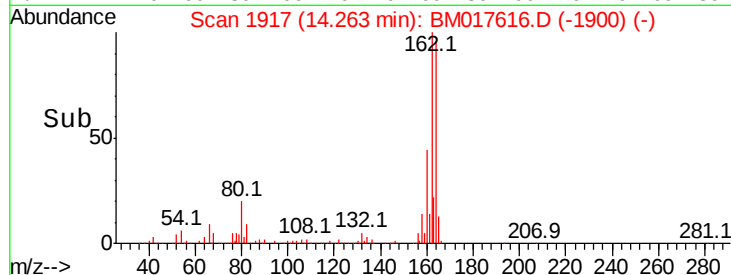
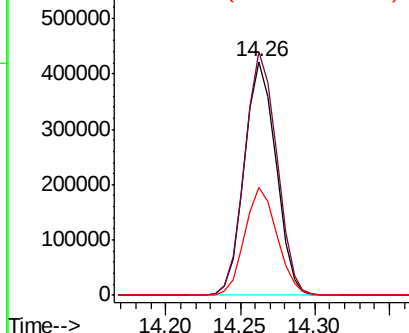


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 82.767 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Tgt Ion:	216	Resp:	1799608
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.5	93.7
179	21.1	16.8	25.2
108	18.5	14.6	22.0

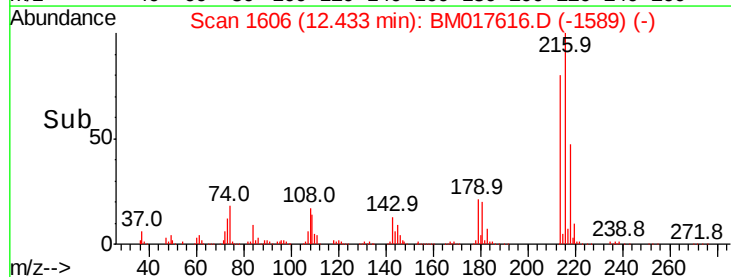
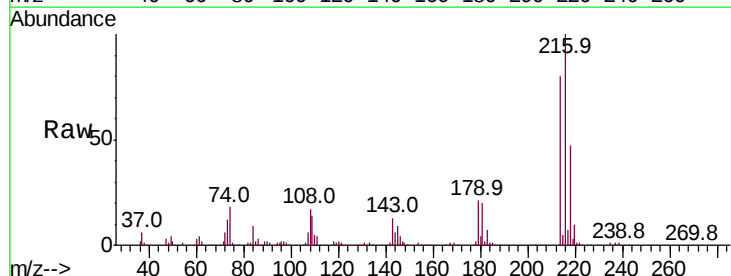
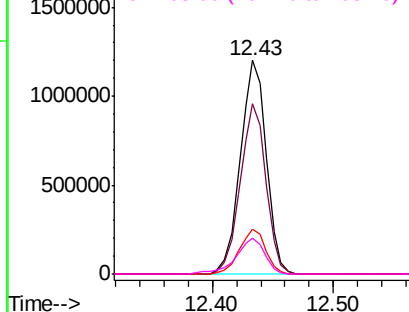
Abundance

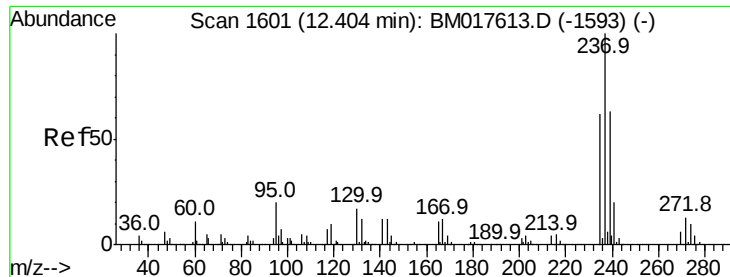
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





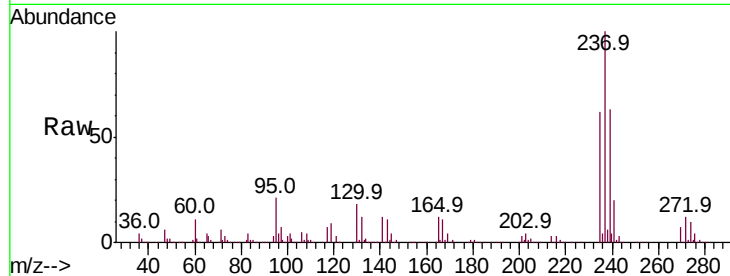
#41
Hexachlorocyclopentadiene
Concen: 94.739 ng
RT: 12.40 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

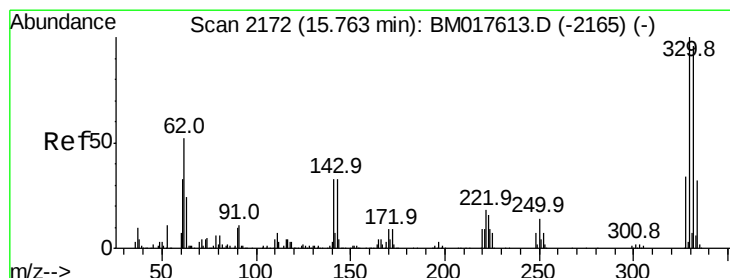
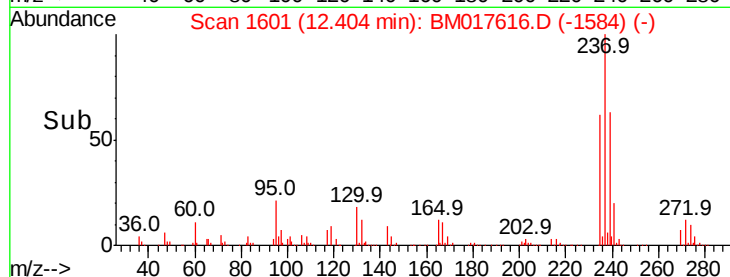
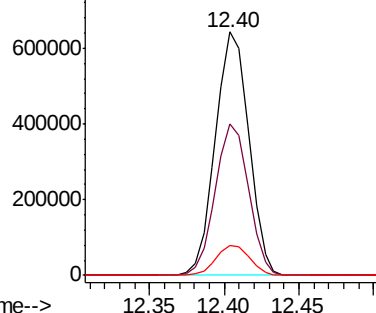
Tot Ion	Ratio	Resp	Lower	Upper
237	100	995838		
235	62.1	42.2	82.2	
272	12.3	0.0	32.6	

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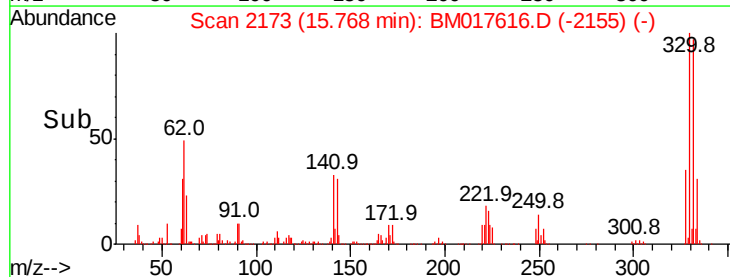
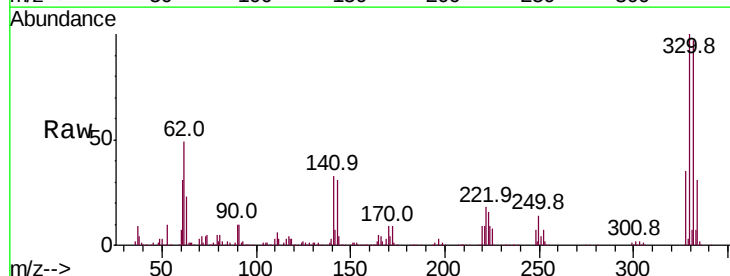
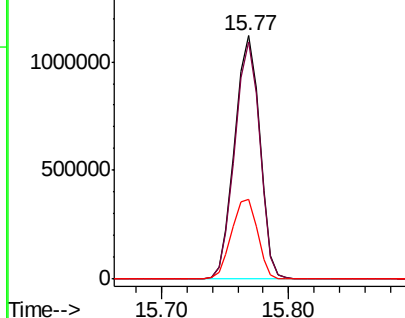
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

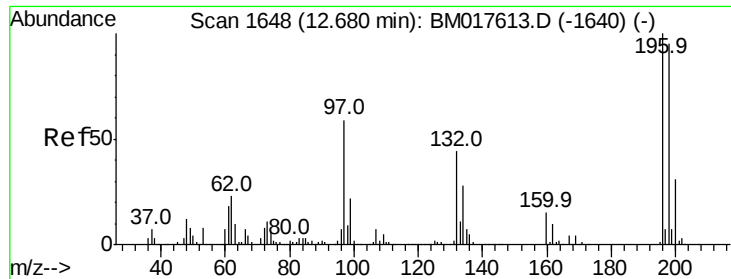


#42
2,4,6-Tribromophenol
Concen: 184.496 ng
RT: 15.77 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1540464		
332	96.6	77.9	116.9	
141	33.8	27.5	41.3	

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





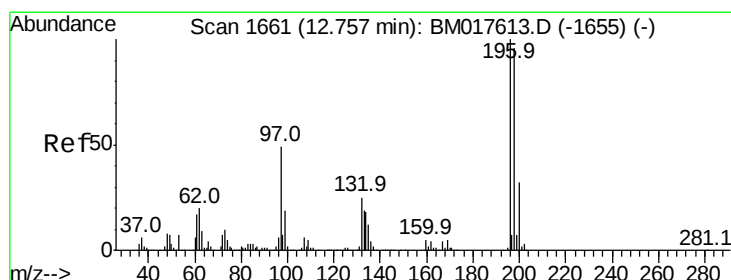
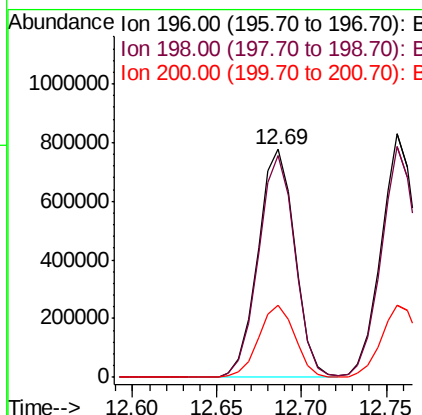
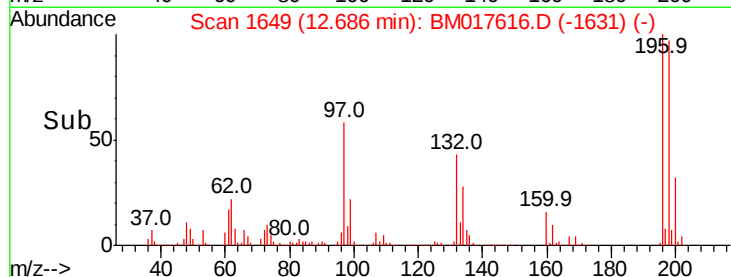
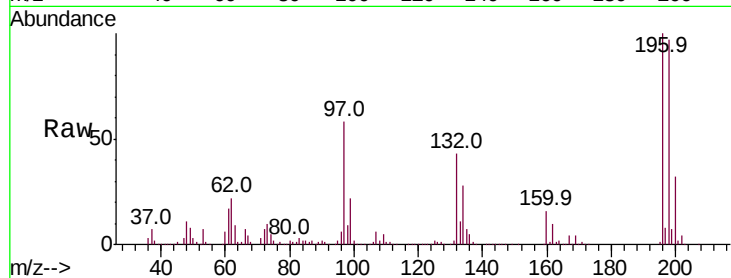
#43
 2,4,6-Trichlorophenol
 Concen: 93.624 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC080

Tot Ion:196 Resp: 1181723
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.6 113.4
 200 31.9 24.8 37.2

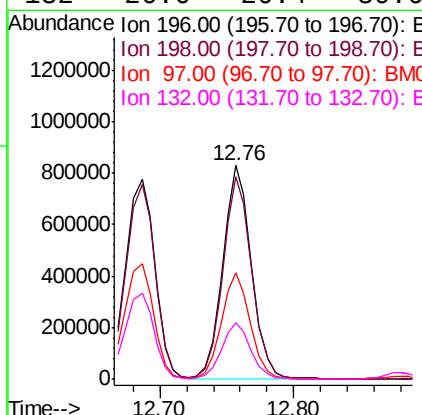
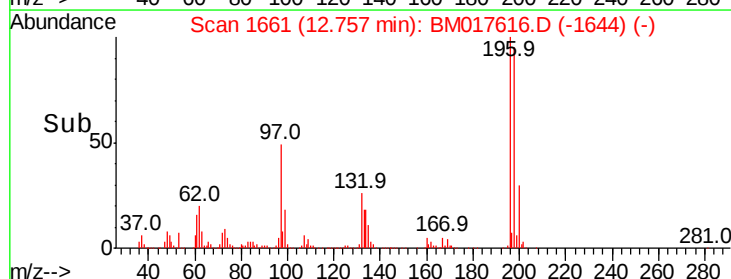
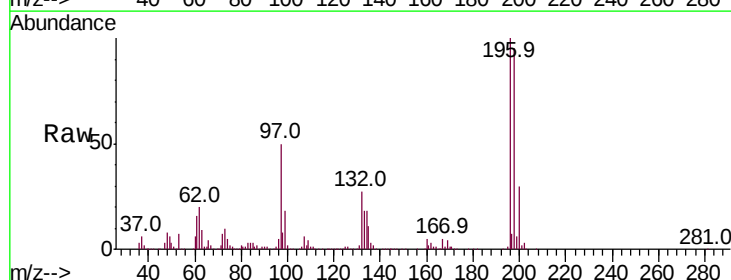
Manual Integrations
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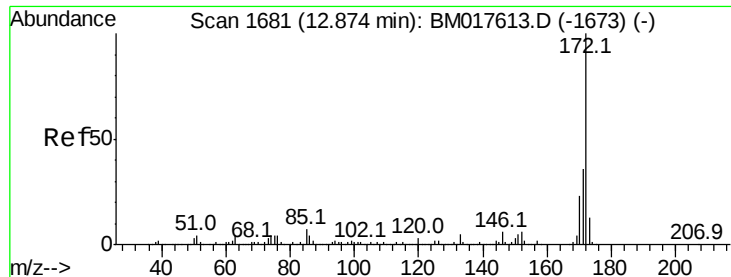
Sohil
 11/13/2018 2:25:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 91.537 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Tgt Ion:196 Resp: 1238942
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.8 115.2
 97 49.7 39.0 58.6
 132 26.6 20.4 30.6





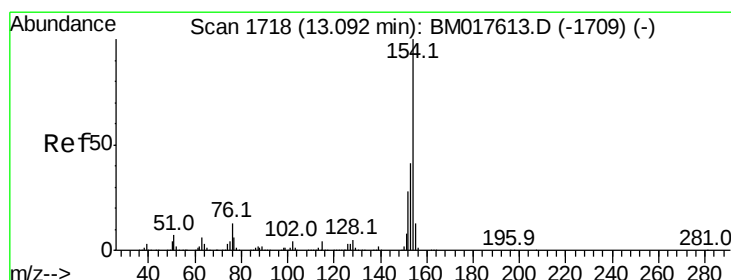
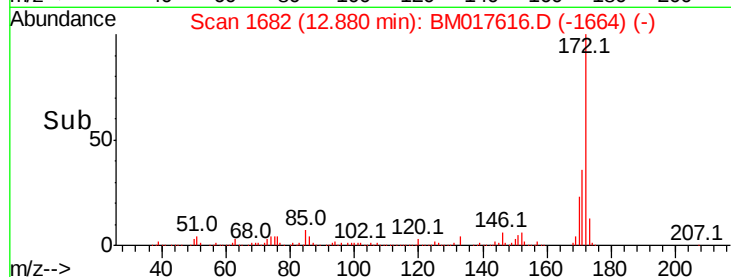
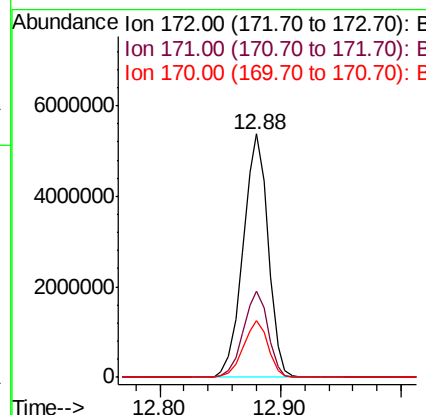
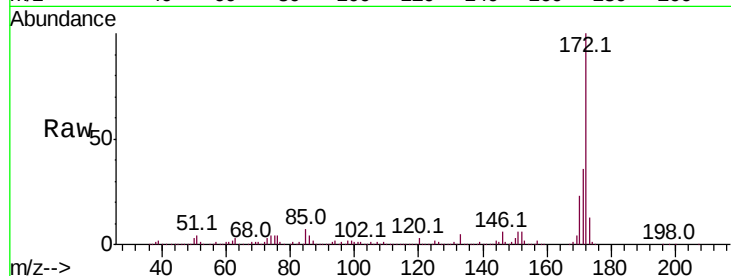
#45
2-Fluorobiphenyl
Concen: 167.094 ng
RT: 12.88 min Scan# 1682
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.3	18.3	27.5

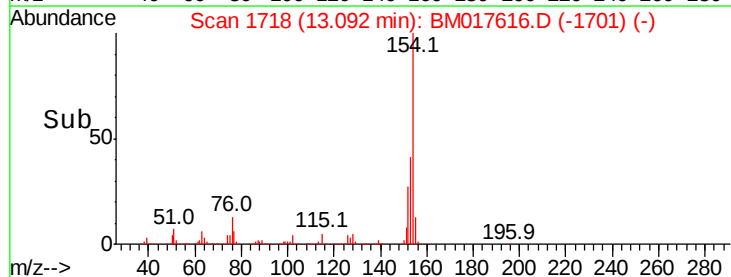
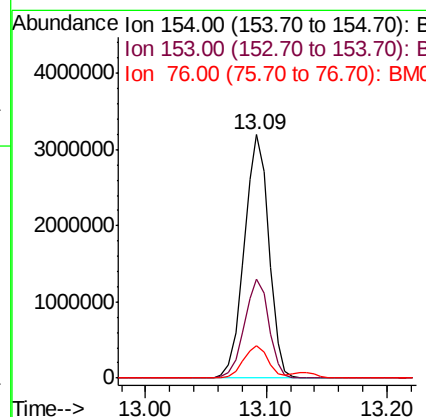
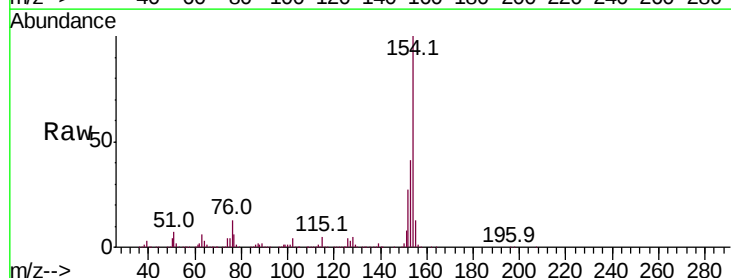
Manual Integrations
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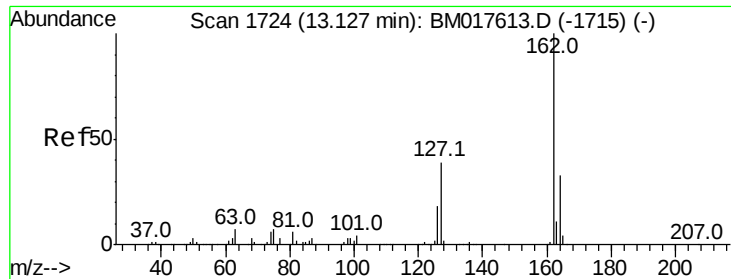
Sohil
11/13/2018 2:25:19 PM



#46
1,1'-Biphenyl
Concen: 81.622 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	13.4	0.0	32.8





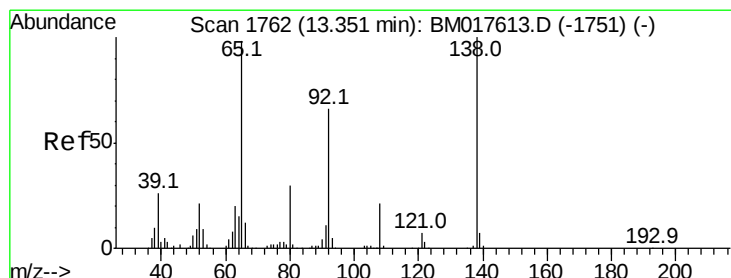
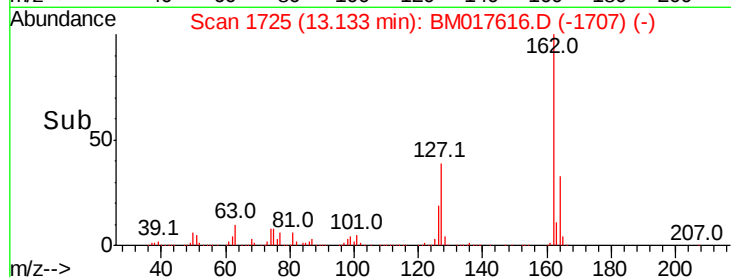
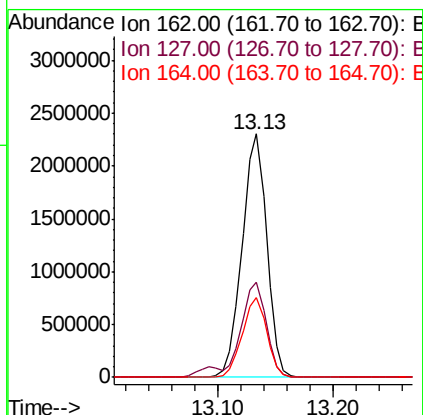
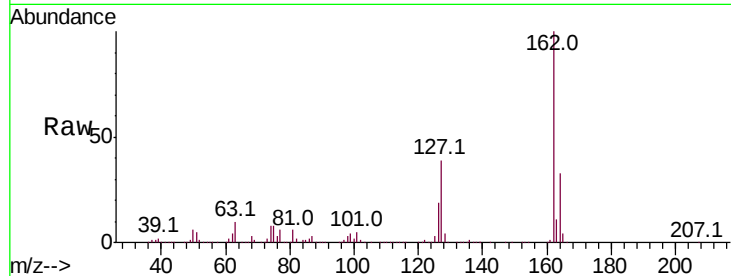
#47
2-Chloronaphthalene
Concen: 83.405 ng
RT: 13.13 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.6	48.8
164	32.7	26.5	39.7

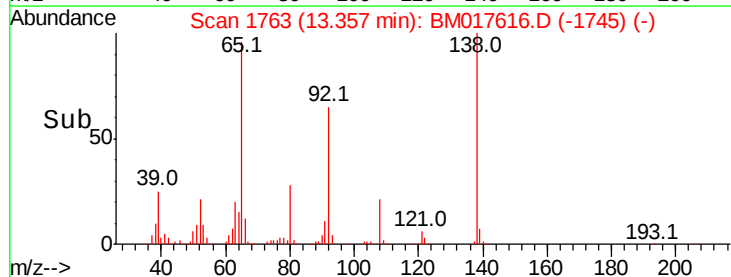
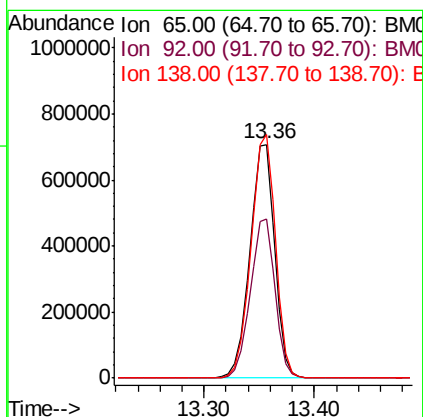
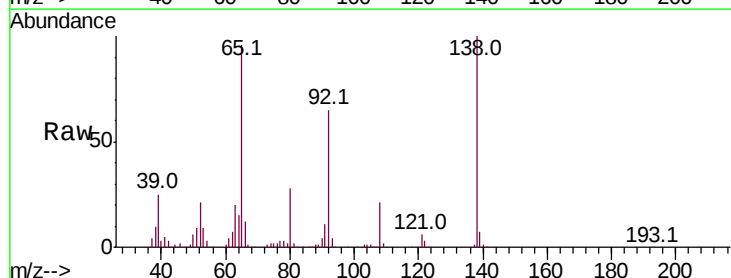
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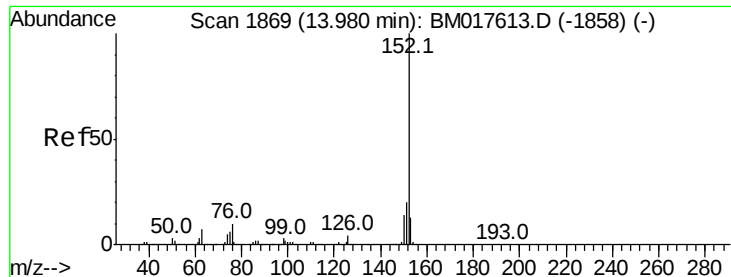
Sohil
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#48
2-Nitroaniline
Concen: 106.230 ng
RT: 13.36 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.7	80.5
138	104.2	81.5	122.3





#49

Acenaphthylene

Concen: 87.237 ng

RT: 13.99 min Scan# 1870

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 5168563

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

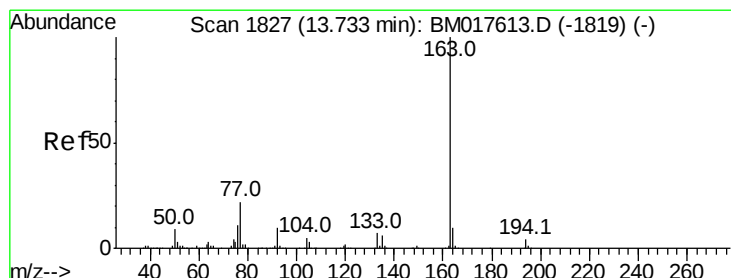
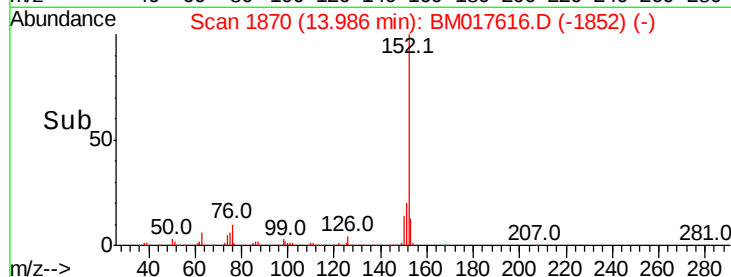
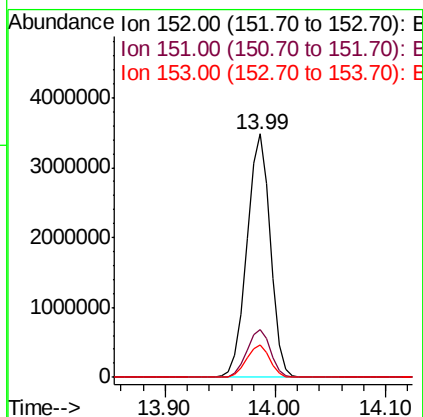
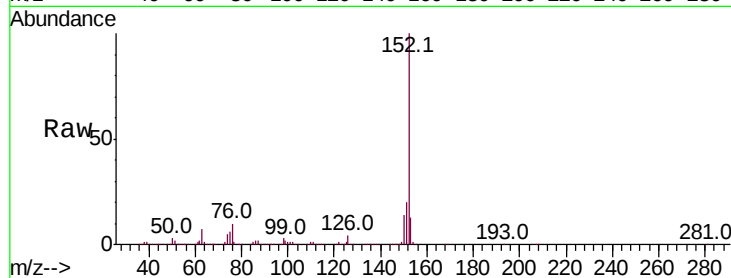
153 13.1 10.5 15.7

Manual Integrations

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#50

Dimethylphthalate

Concen: 86.040 ng

RT: 13.74 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

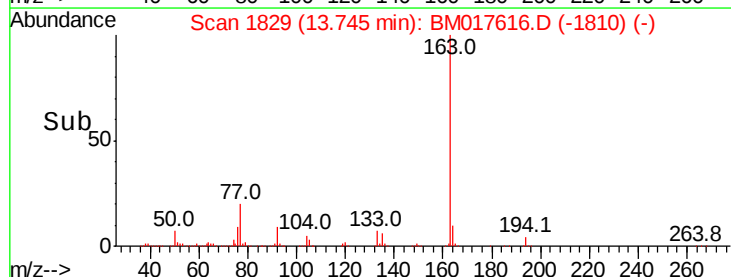
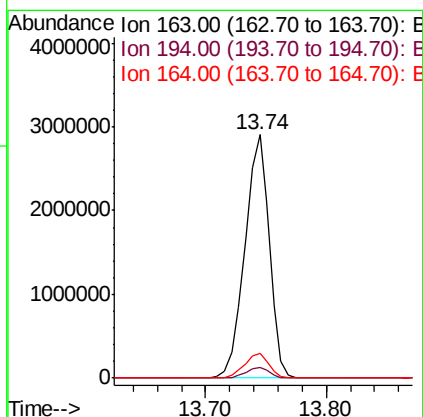
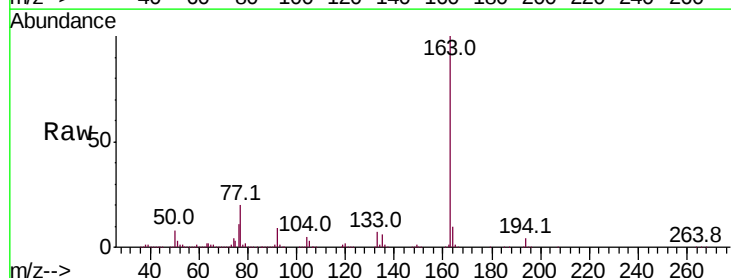
Tgt Ion:163 Resp: 4098409

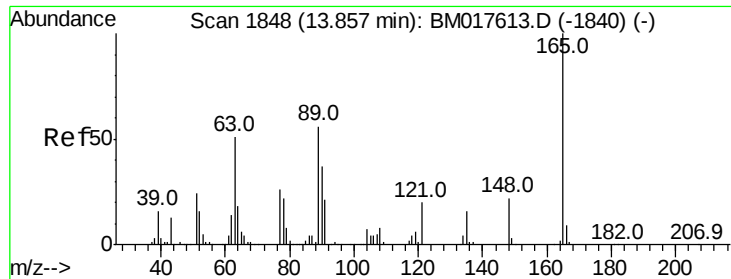
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.2 12.4





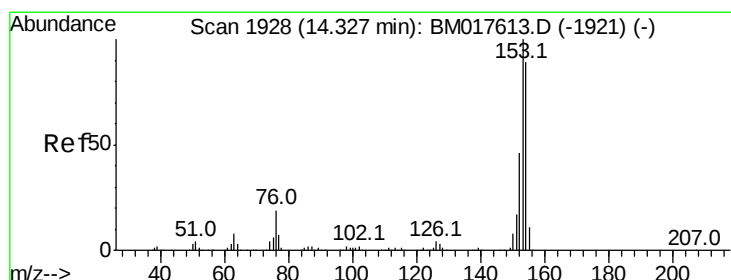
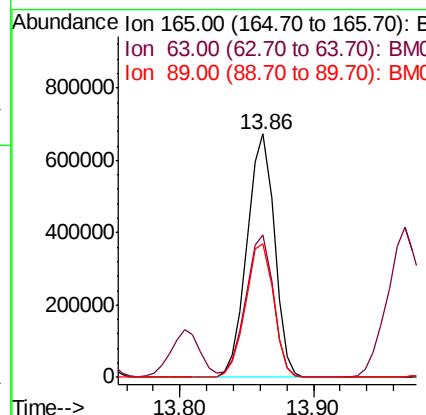
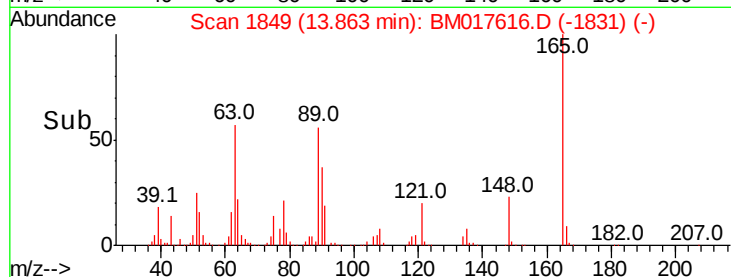
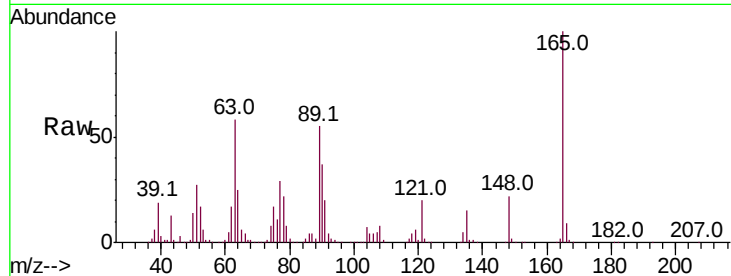
#51
2,6-Dinitrotoluene
Concen: 90.861 ng
RT: 13.86 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.4	47.3	70.9
89	55.1	44.8	67.2

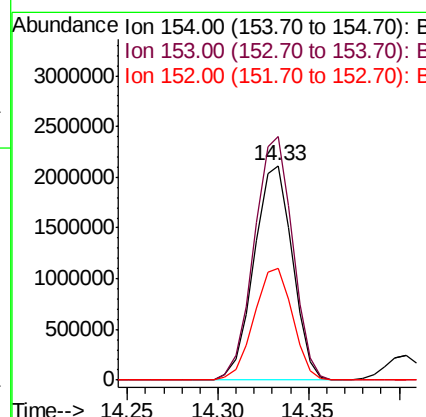
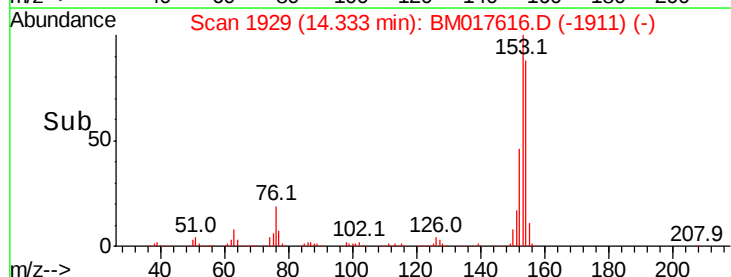
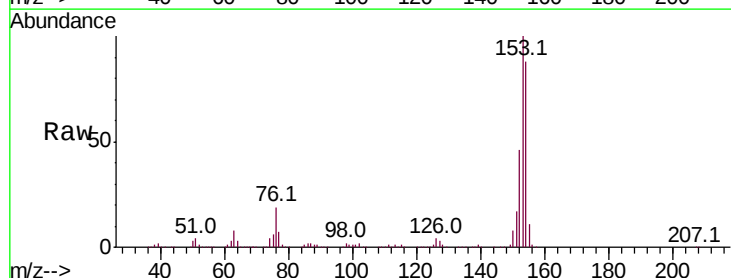
Manual Integrations
APPROVED

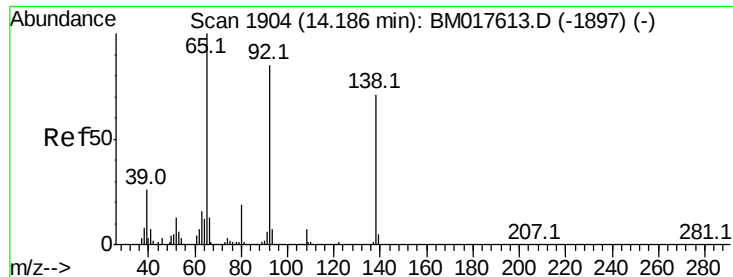
Sohil
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#52
Acenaphthene
Concen: 83.975 ng
RT: 14.33 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.4
152	52.1	41.6	62.4





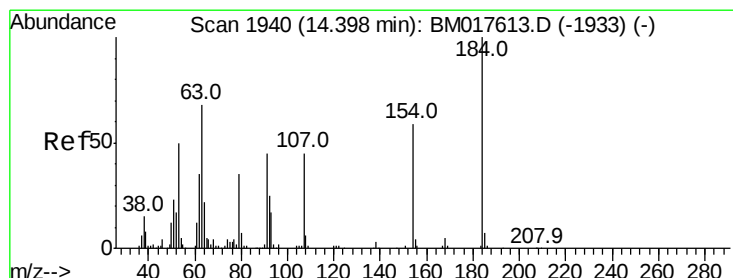
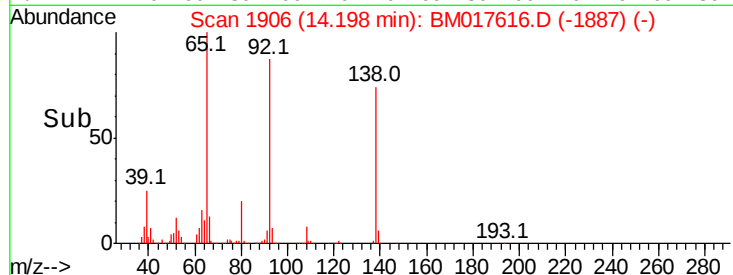
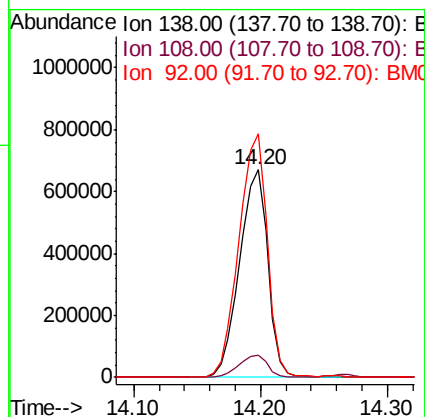
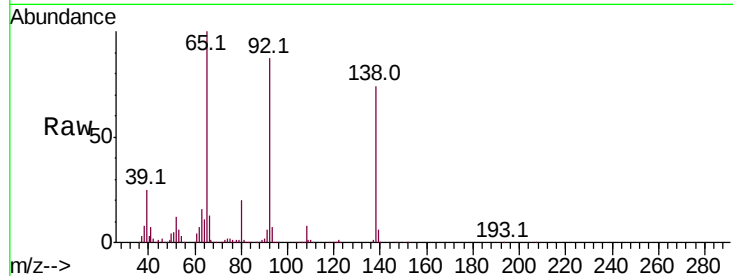
#53
3-Nitroaniline
Concen: 91.266 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampled :
SSTDICC080

Tot Ion:138 Resp: 1036294
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 117.3 95.4 143.2

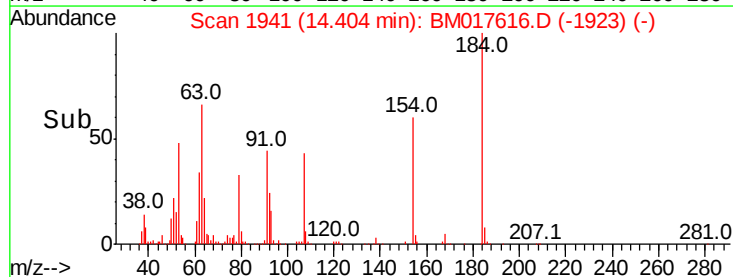
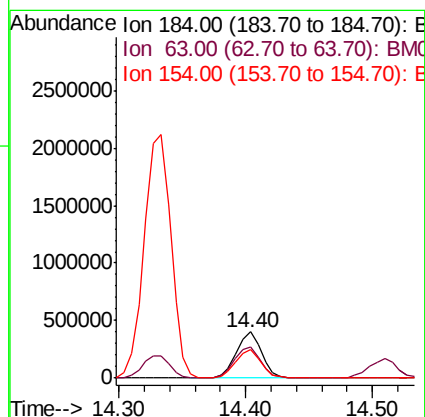
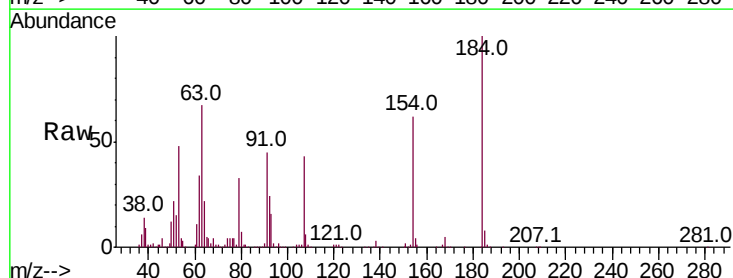
Manual Integrations
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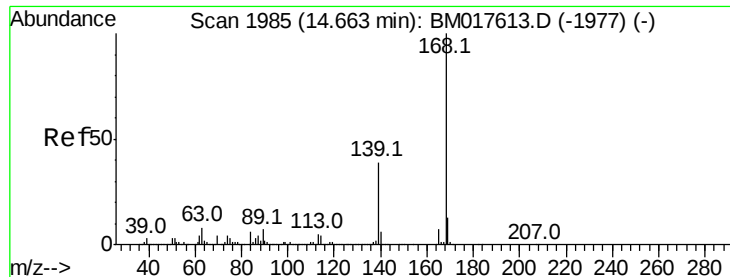
Sohil
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#54
2,4-Dinitrophenol
Concen: 111.733 ng
RT: 14.40 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion:184 Resp: 560376
Ion Ratio Lower Upper
184 100
63 66.8 55.1 82.7
154 62.3 51.3 76.9





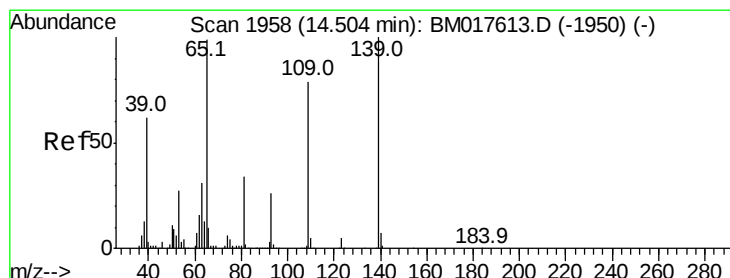
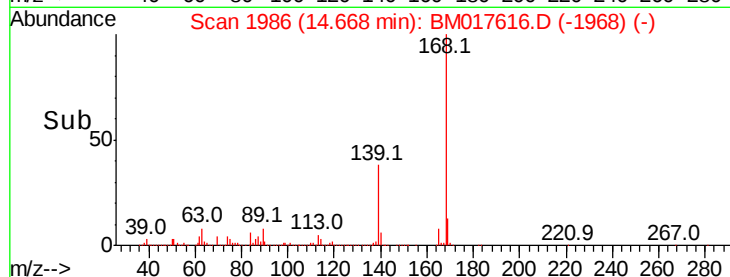
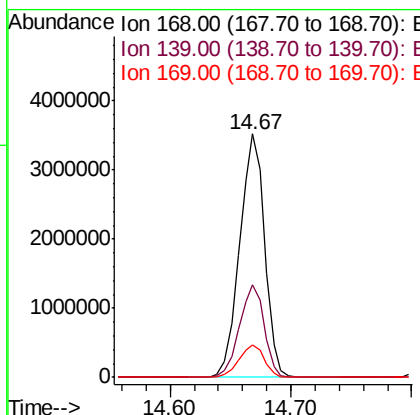
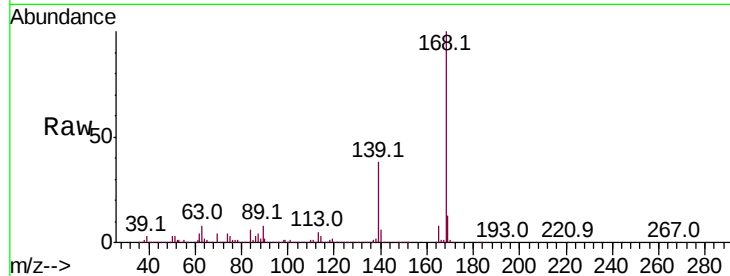
#55
Dibenzofuran
Concen: 81.727 ng
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	31.0	46.6
169	13.4	10.6	16.0

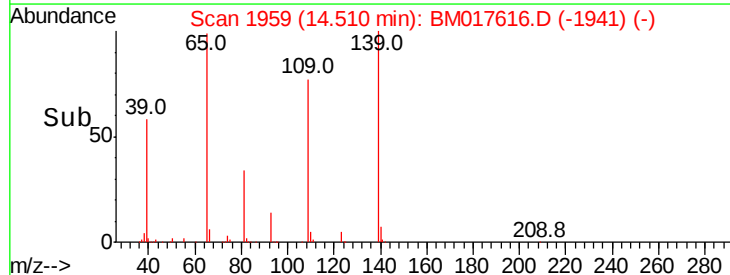
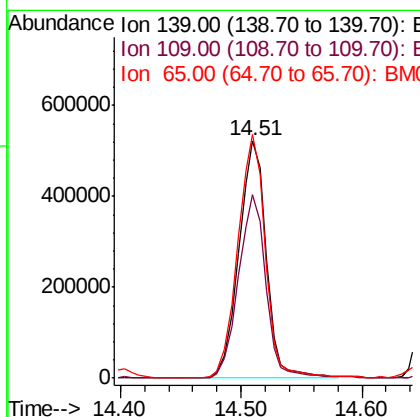
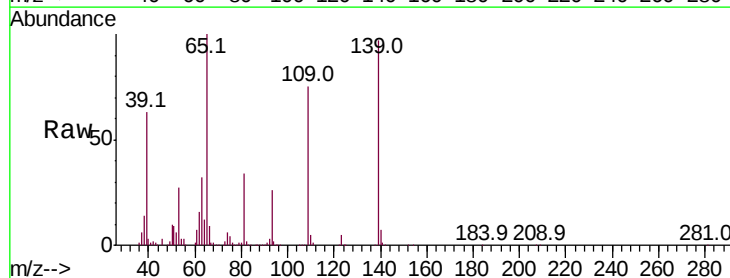
Manual Integrations
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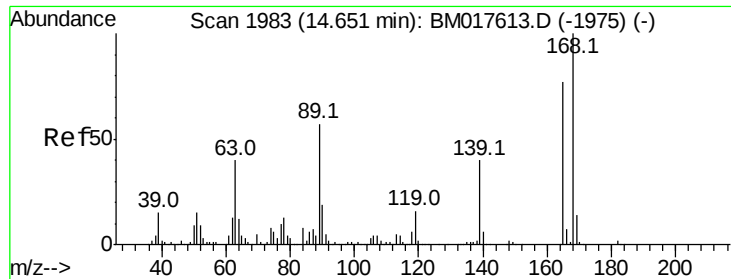
Sohil
11/13/2018 2:25:19 PM



#56
4-Nitrophenol
Concen: 89.724 ng
RT: 14.51 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	58.6	98.6
65	102.6	79.5	119.5





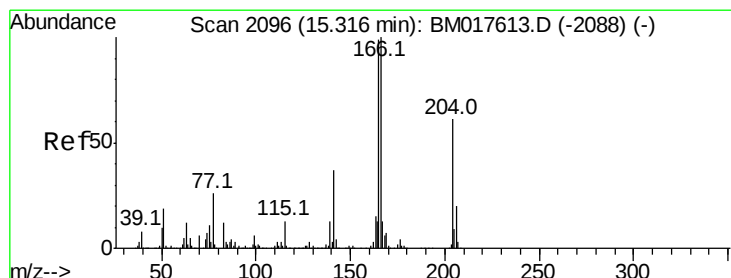
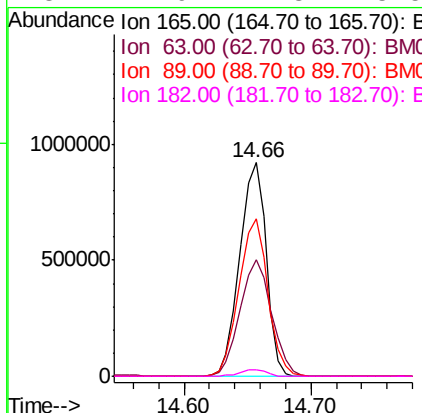
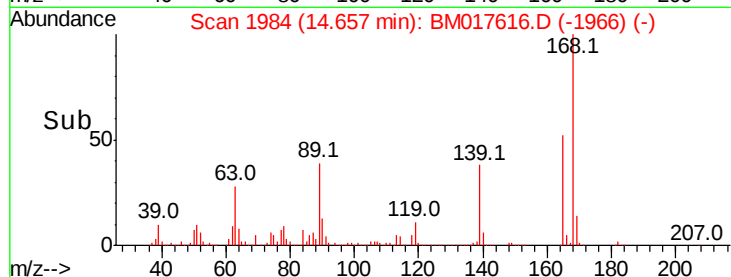
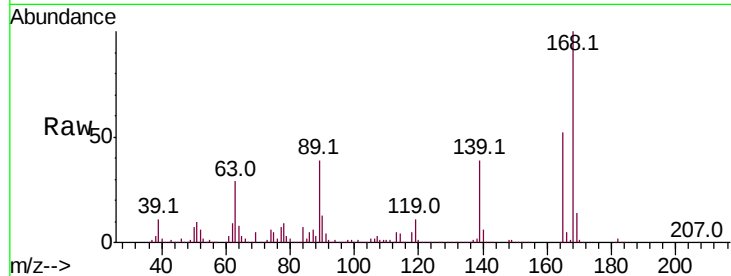
#57
2,4-Dinitrotoluene
Concen: 94.577 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	41.8	62.8
89	73.8	59.5	89.3
182	2.9	2.3	3.5

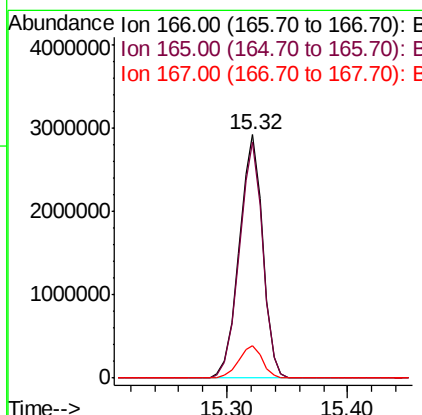
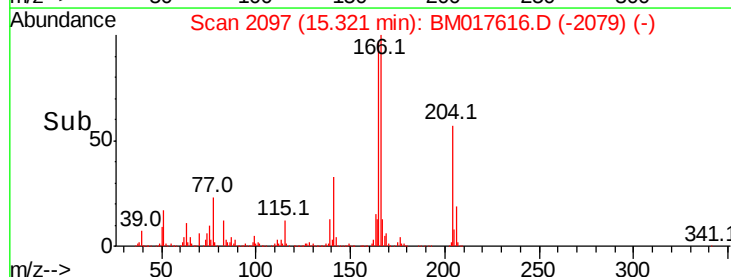
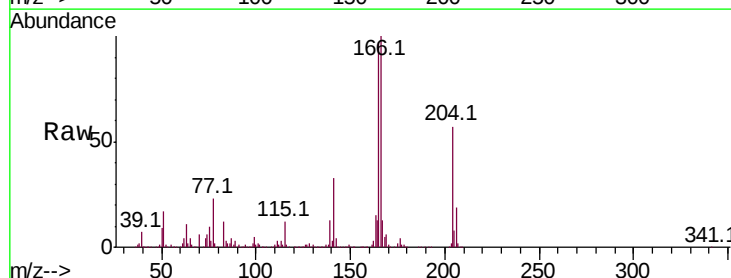
Manual Integrations
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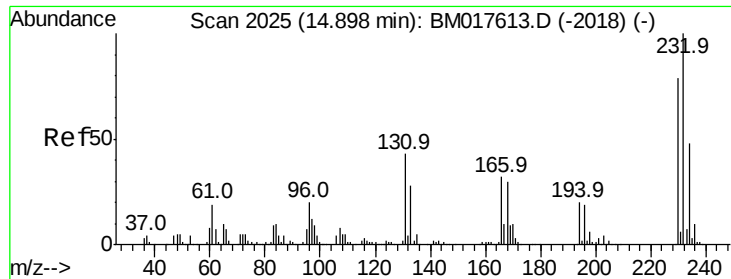
Sohil
11/13/2018 2:25:19 PM



#58
Fluorene
Concen: 86.116 ng
RT: 15.32 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.0	118.6
167	13.4	10.8	16.2





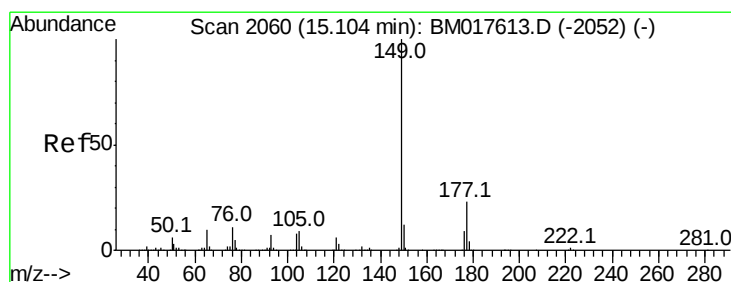
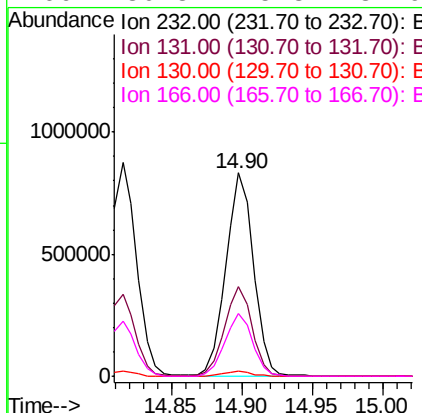
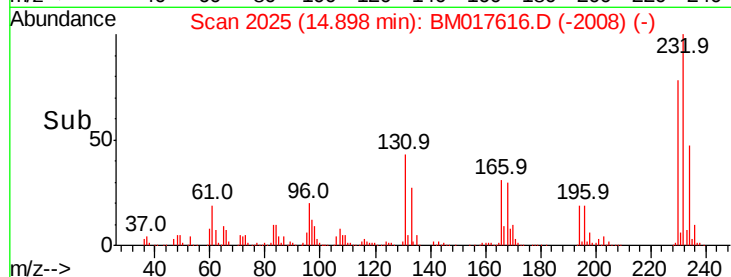
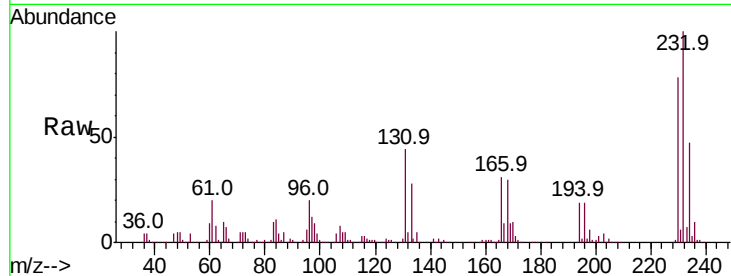
#59
2,3,4,6-Tetrachlorophenol
Concen: 91.867 ng
RT: 14.90 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	34.8	52.2
130	2.4	1.9	2.9
166	30.8	25.3	37.9

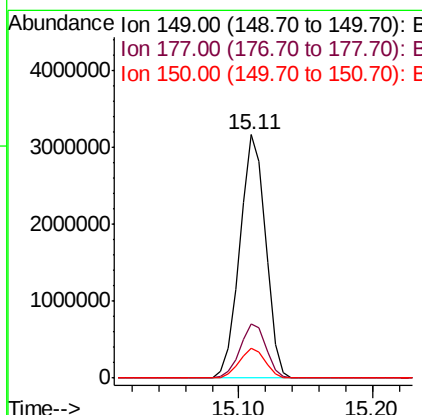
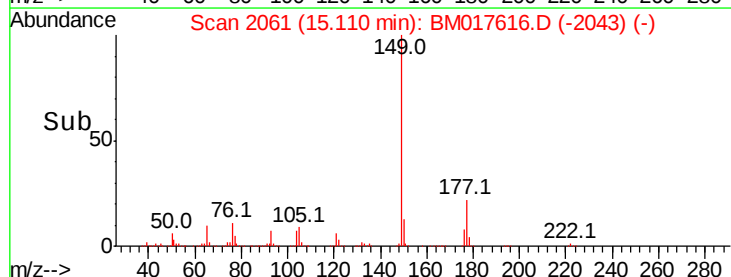
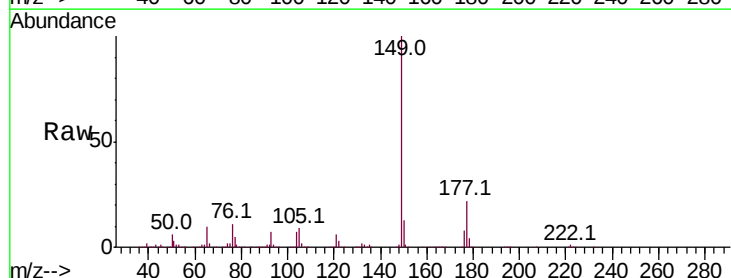
Manual Integrations
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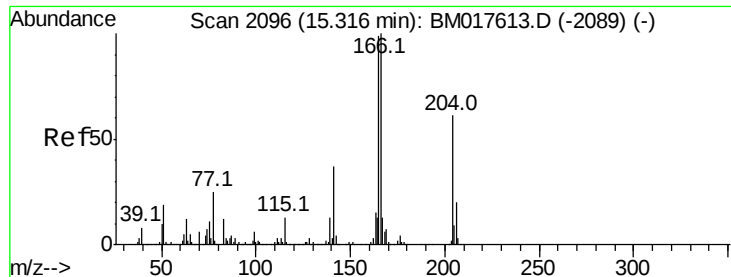
Sohil
11/13/2018 2:25:19 PM



#60
Diethylphthalate
Concen: 89.261 ng
RT: 15.11 min Scan# 2061
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.1	27.1
150	12.5	9.9	14.9





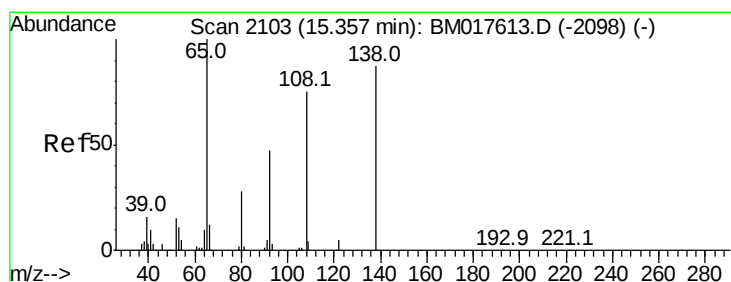
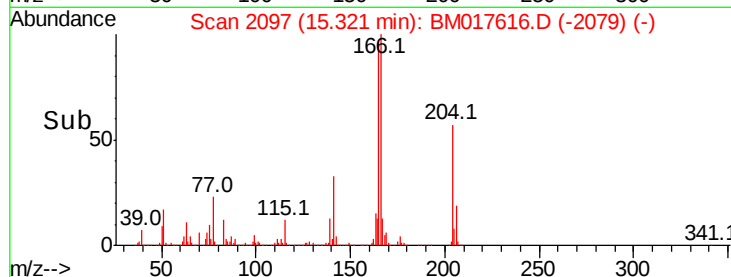
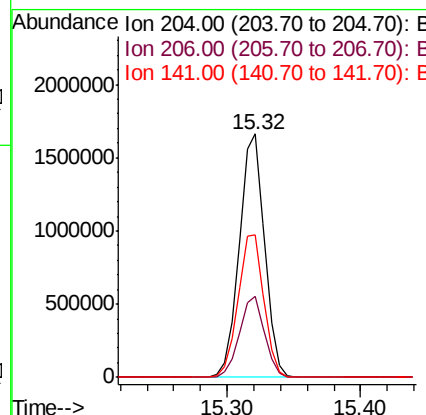
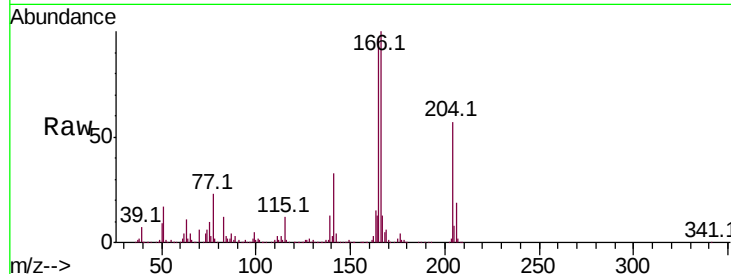
#61
4-Chlorophenyl-phenylether
Concen: 83.672 ng
RT: 15.32 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.9	38.9
141	58.4	47.9	71.9

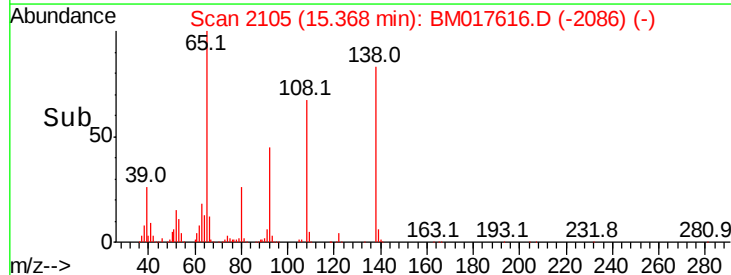
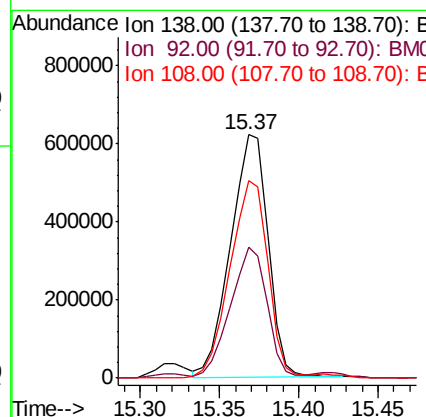
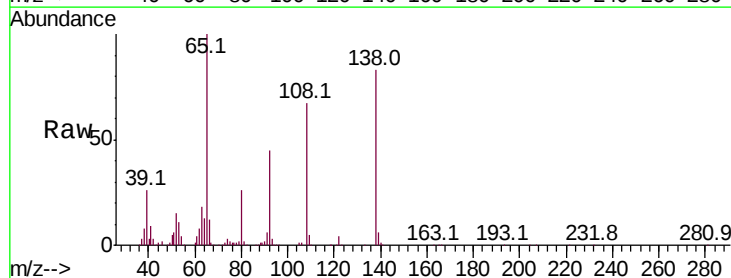
Manual Integrations
APPROVED

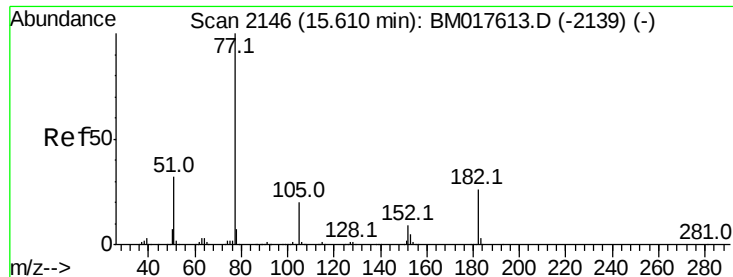
Sohil
11/13/2018 2:25:19 PM



#62
4-Nitroaniline
Concen: 86.671 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	33.4	73.4
108	81.3	64.3	104.3





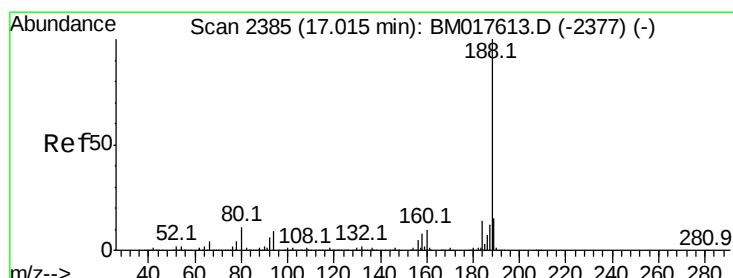
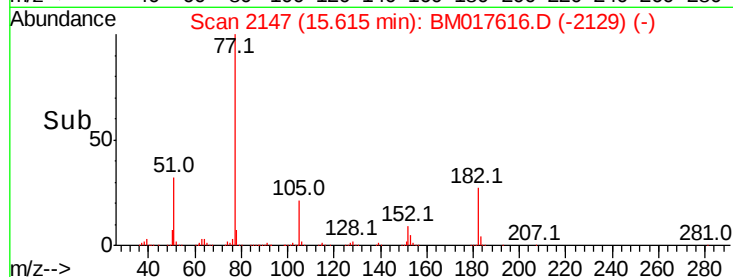
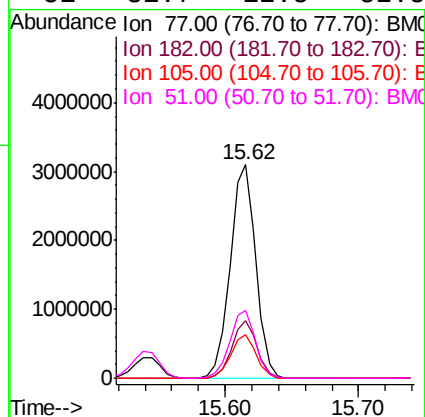
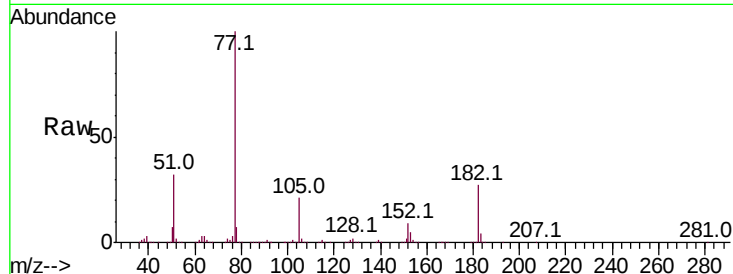
#63
Azobenzene
Concen: 90.356 ng
RT: 15.62 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	5.8	45.8
105	20.6	0.0	40.0
51	31.7	12.5	52.5

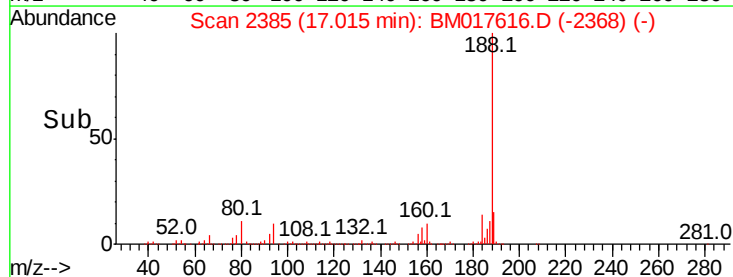
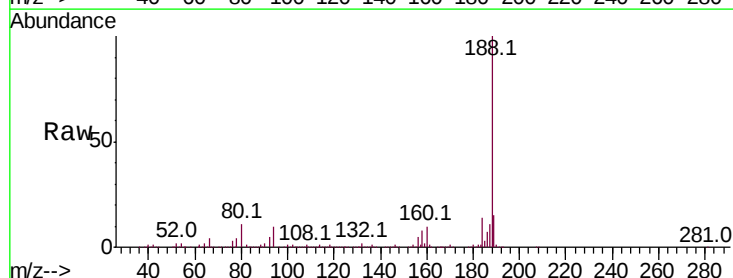
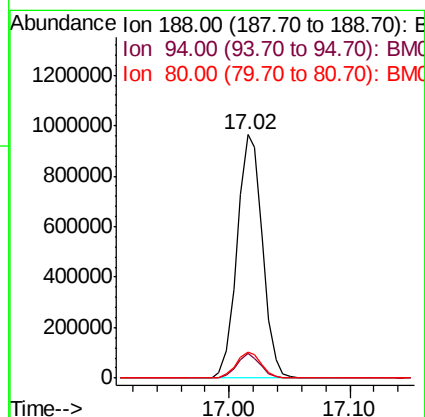
Manual Integrations
APPROVED

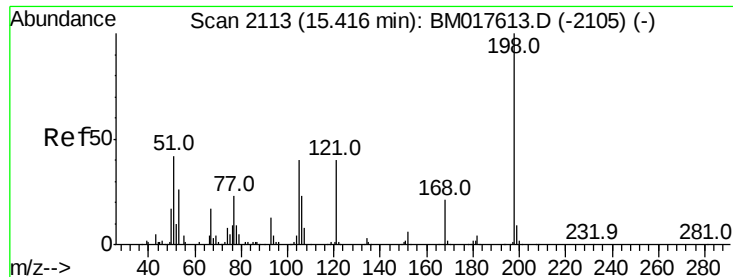
Sohil
11/13/2018 2:25:19 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.5	11.3
80	10.7	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 107.574 ng

RT: 15.42 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 874263

Ion Ratio Lower Upper

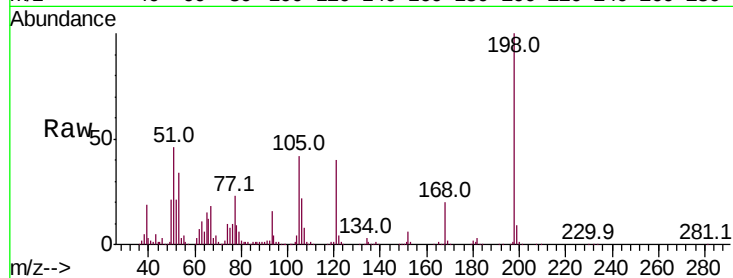
198 100

51 46.2 25.9 65.9

105 41.6 20.6 60.6

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

800000

600000

400000

200000

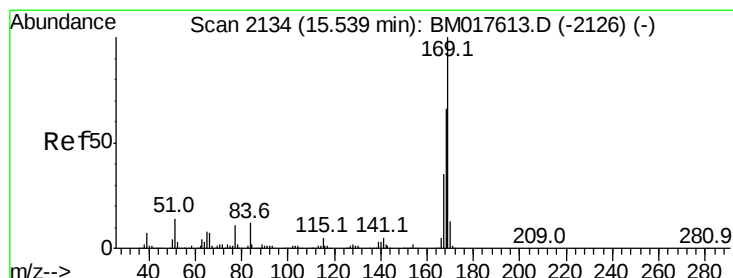
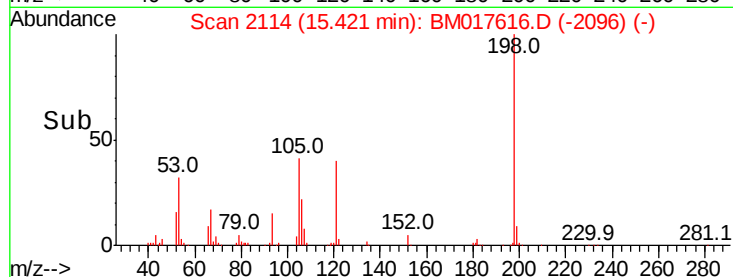
0

15.42

15.40

15.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 87.083 ng

RT: 15.54 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

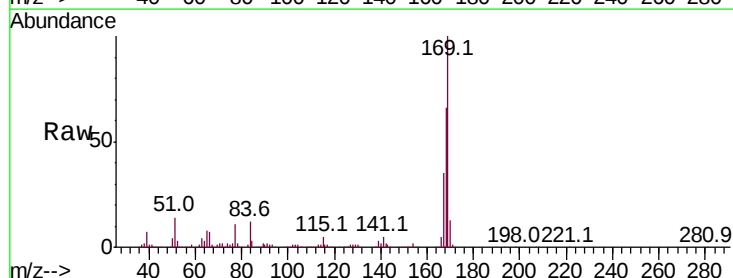
Tgt Ion:169 Resp: 3697825

Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

167 35.5 28.0 42.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

3000000

2000000

1000000

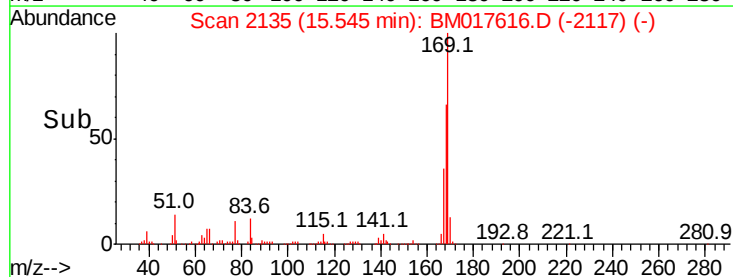
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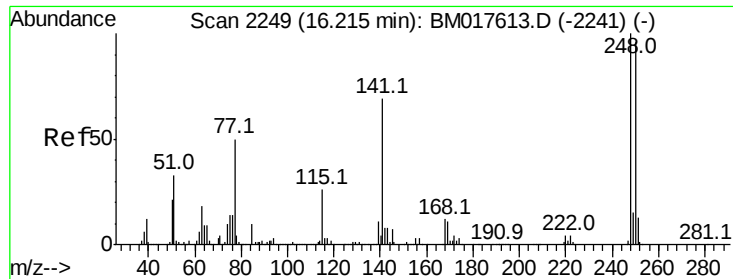
15.54

15.50

15.60

Time-->





#67

4-Bromophenyl-phenylether

Concen: 89.354 ng

RT: 16.22 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

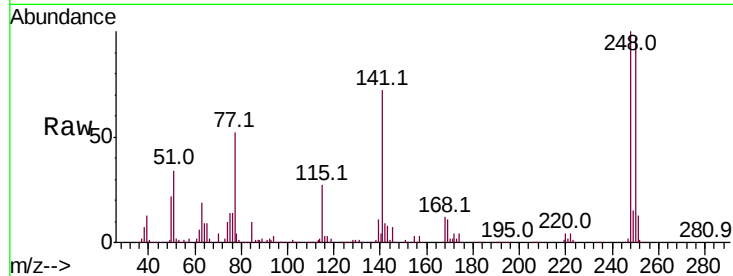
ClientSampleId :

SSTDIC080

Tot Ion:	248	Resp:	1377012
Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.5	114.7
141	72.5	54.9	82.3

Manual Integrations
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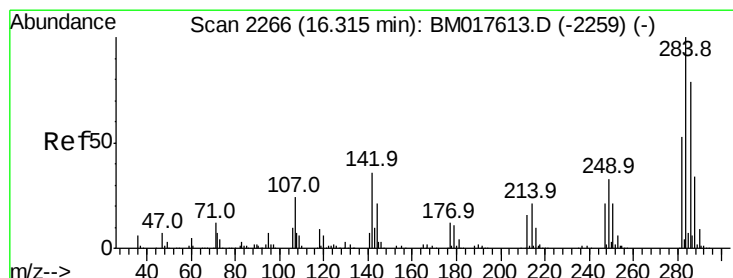
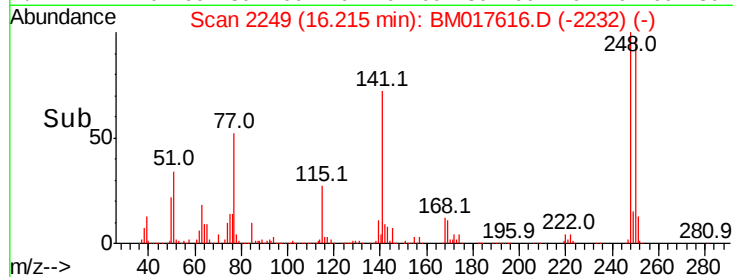
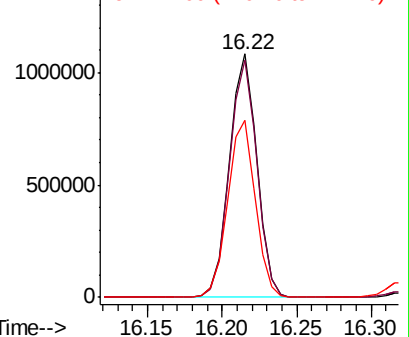


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 85.212 ng

RT: 16.32 min Scan# 2267

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

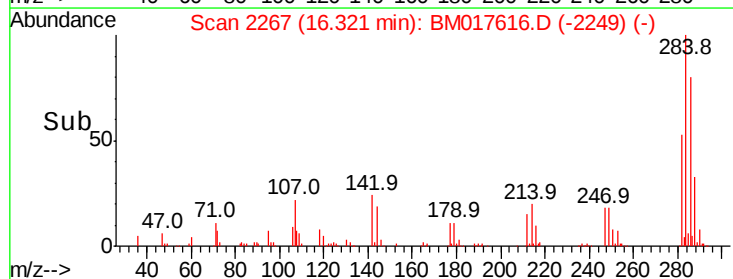
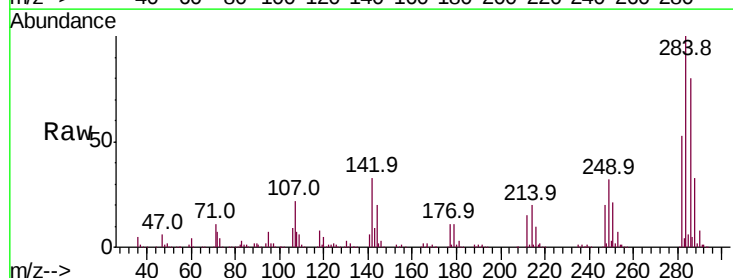
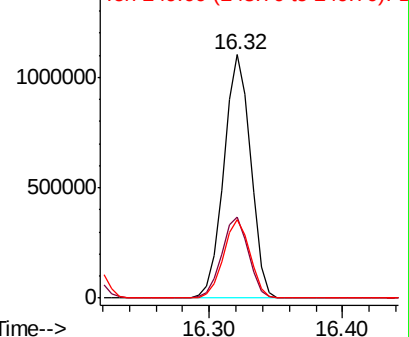
Tgt Ion:	284	Resp:	1525395
Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.4	42.6
249	32.5	26.4	39.6

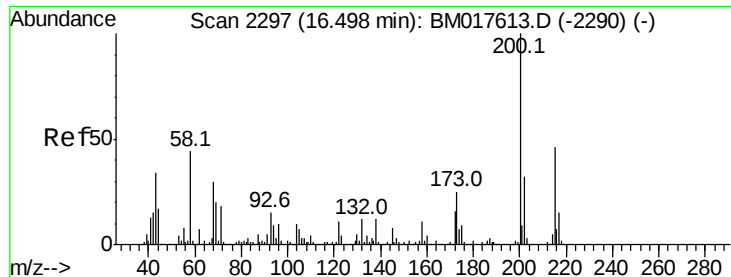
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





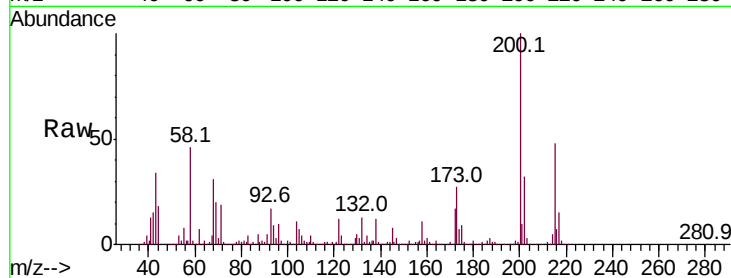
#69
Atrazine
Concen: 92.592 ng
RT: 16.50 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.1	45.1
215	48.3	25.8	65.8

Manual Integrations
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11/13/2018 2:25:19 PM

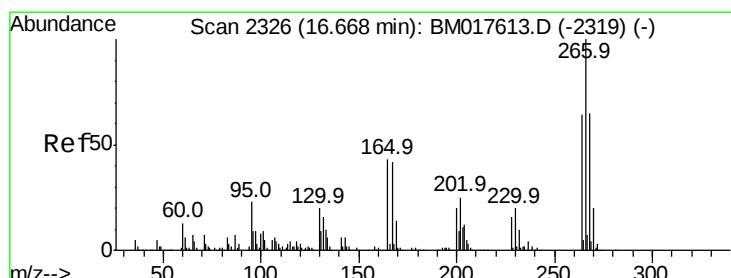
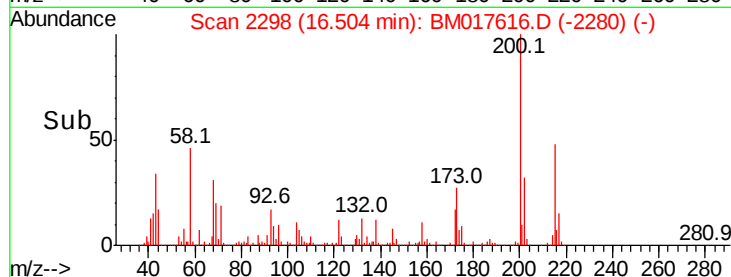
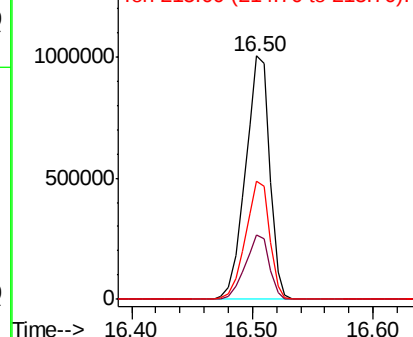


Abundance

Ion 200.00 (199.70 to 200.70): E

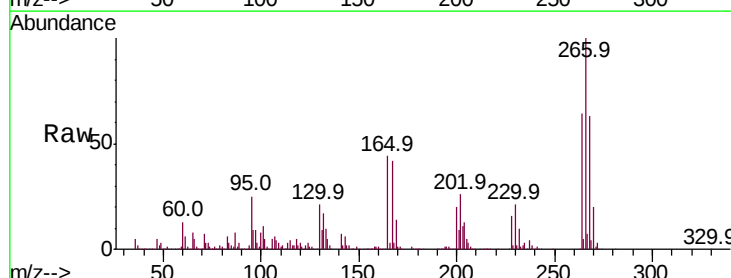
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.114 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.7	77.5
264	63.5	51.3	76.9

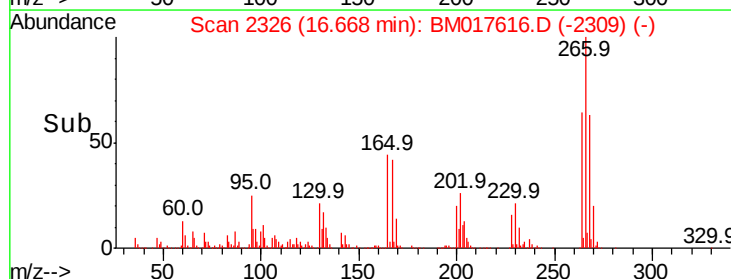
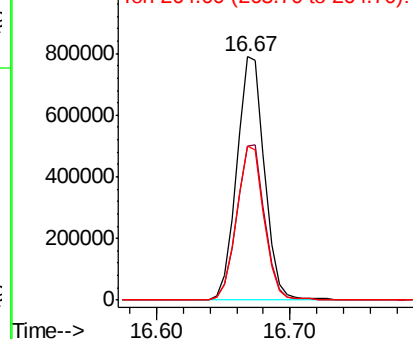


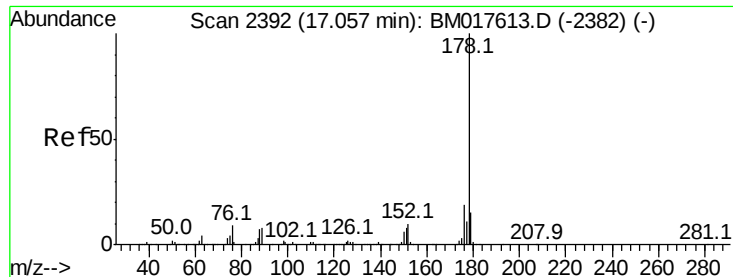
Abundance

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





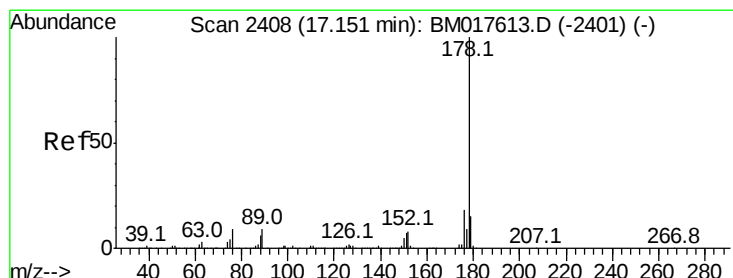
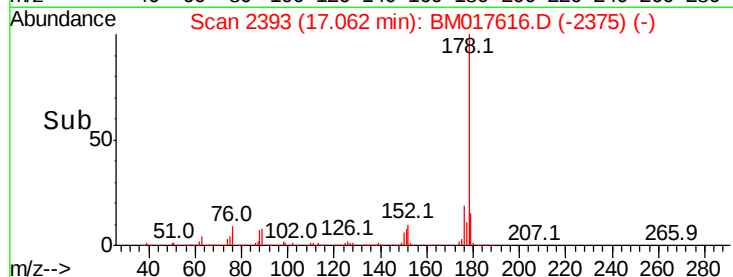
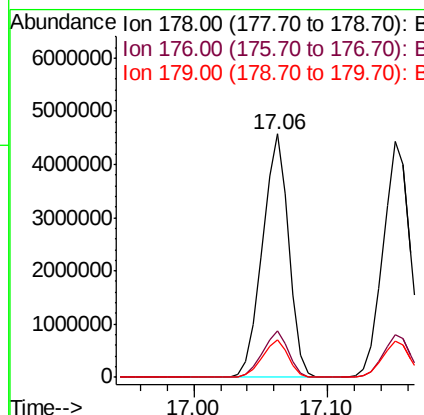
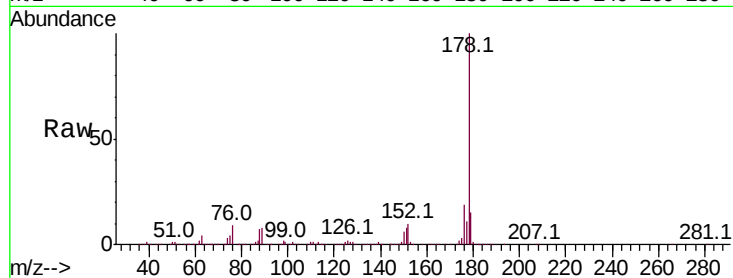
#71
Phenanthrene
Concen: 81.464 ng
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.5	12.4	18.6

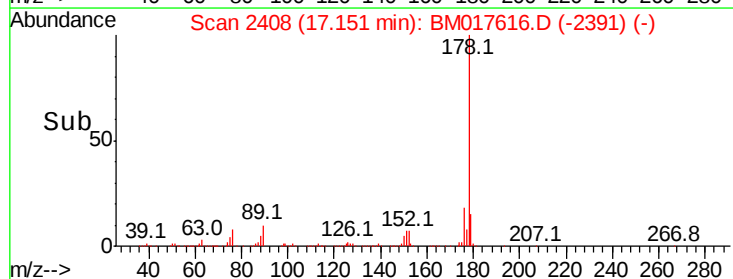
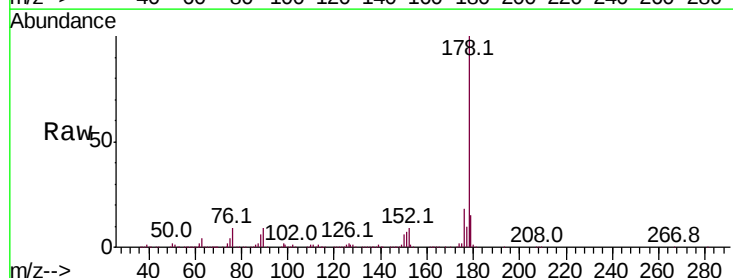
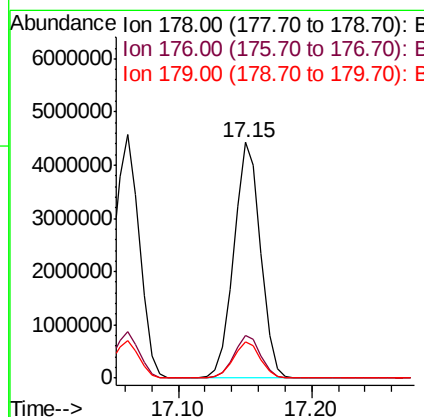
Manual Integrations
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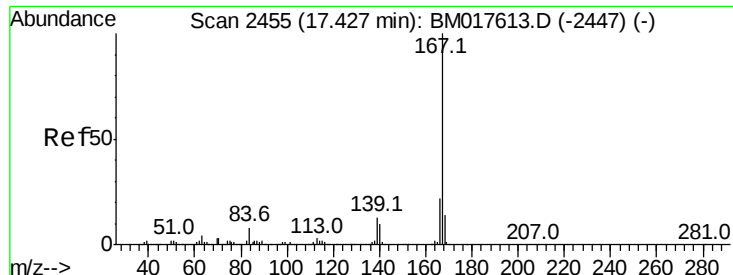
Sohil
11/13/2018 2:25:19 PM



#72
Anthracene
Concen: 85.592 ng
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.3	18.5





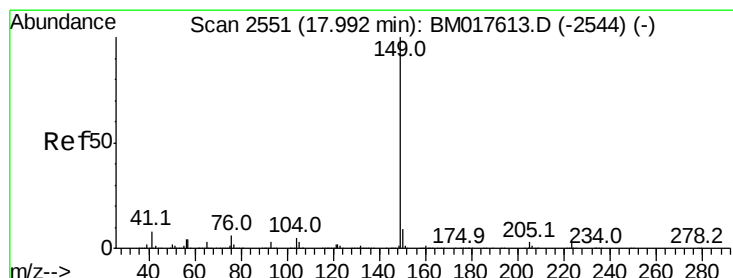
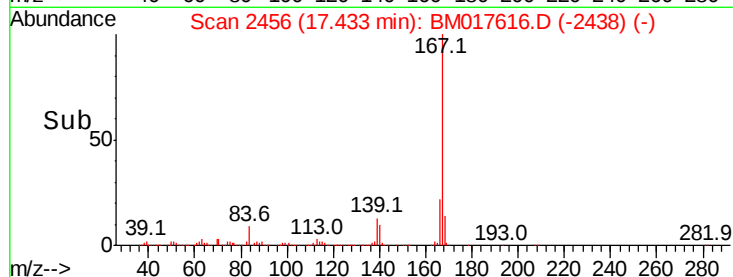
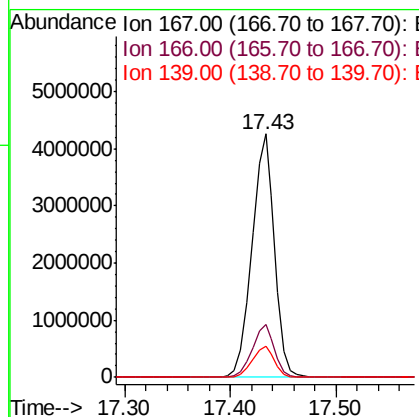
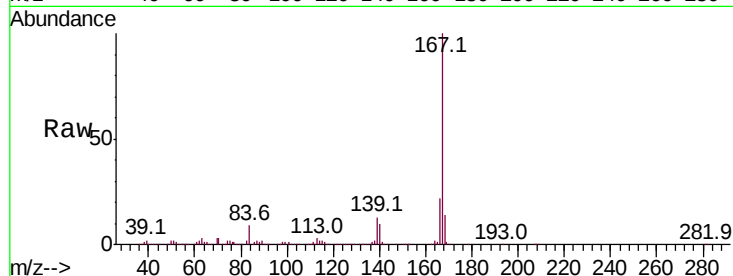
#73
 Carbazole
 Concen: 85.627 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.8	10.2	15.4

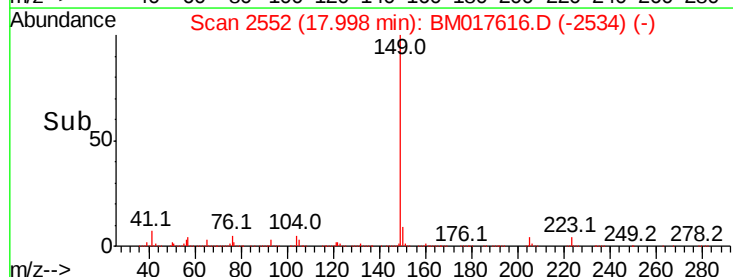
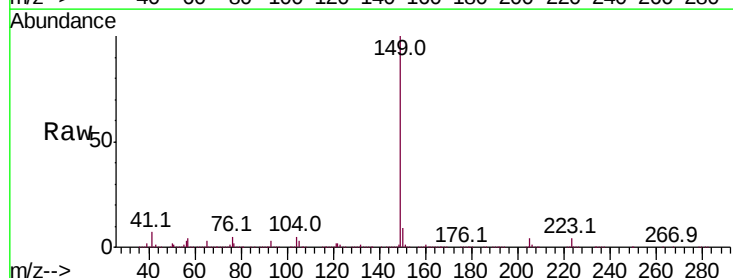
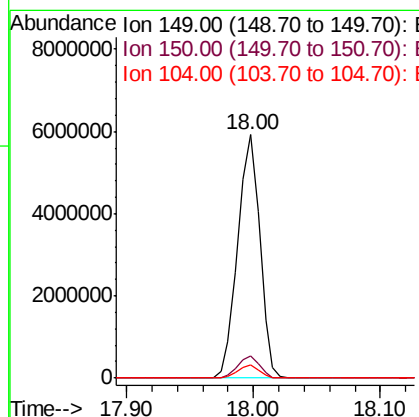
Manual Integrations
 APPROVED

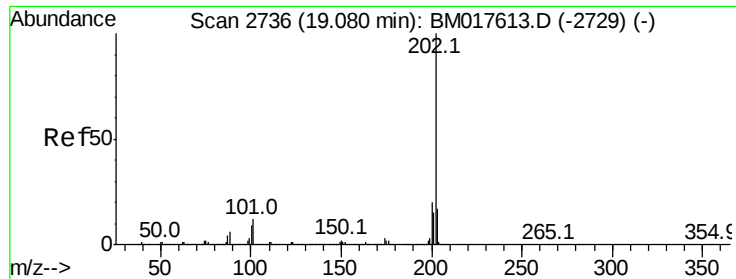
Sohil
 11/13/2018 2:25:19 PM



#74
 Di-n-butylphthalate
 Concen: 91.877 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.2	4.3	6.5





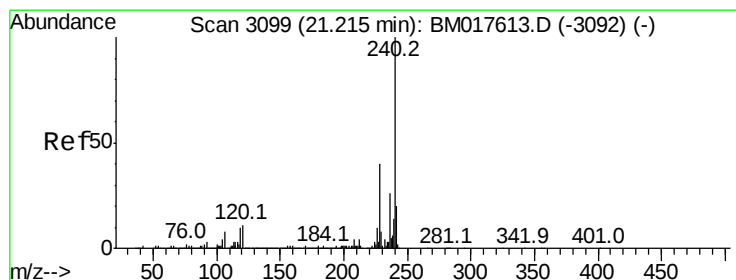
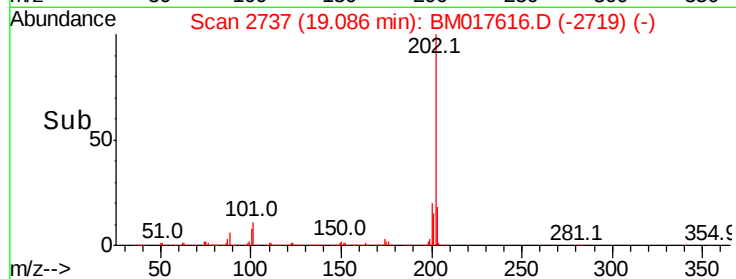
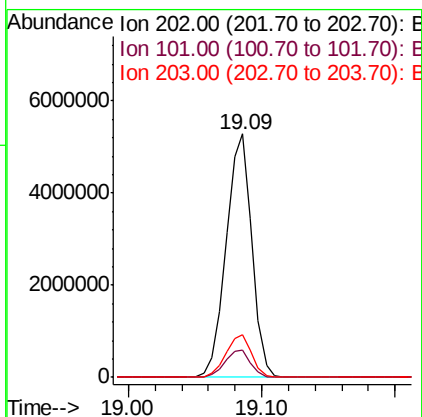
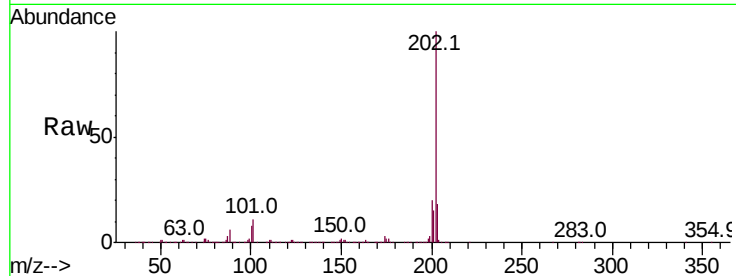
#75
 Fluoranthene
 Concen: 83.673 ng
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.5
203	17.6	0.0	37.2

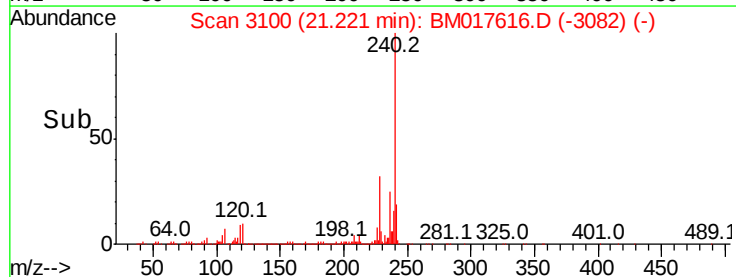
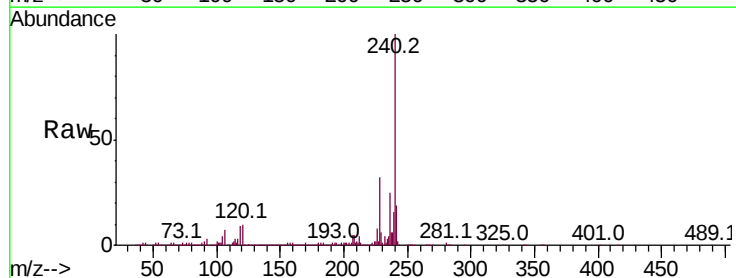
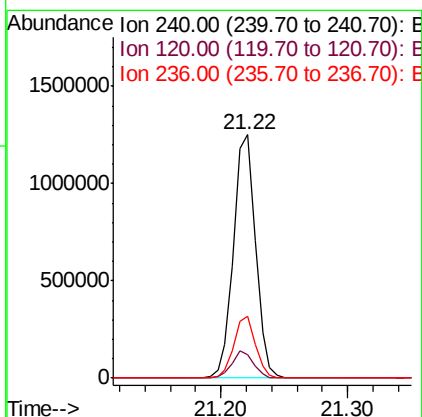
Manual Integrations
 APPROVED

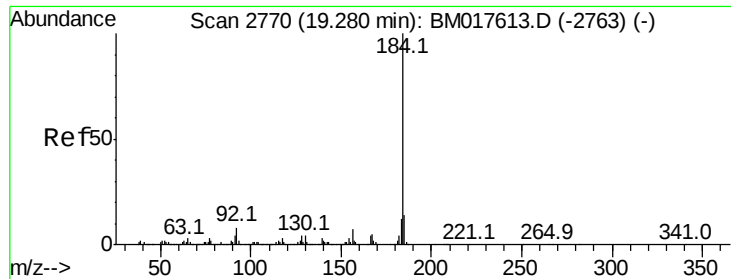
Sohil
 11/13/2018 2:25:19 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3100
 Delta R.T. 0.01 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.5	12.7
236	25.5	20.4	30.6





#77

Benzidine

Concen: 111.333 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 4234355

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

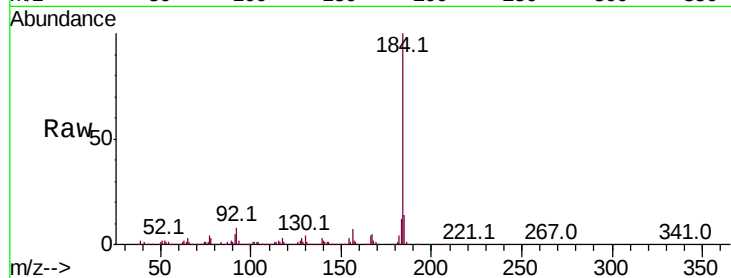
183 11.9 9.5 14.3

Manual Integrations

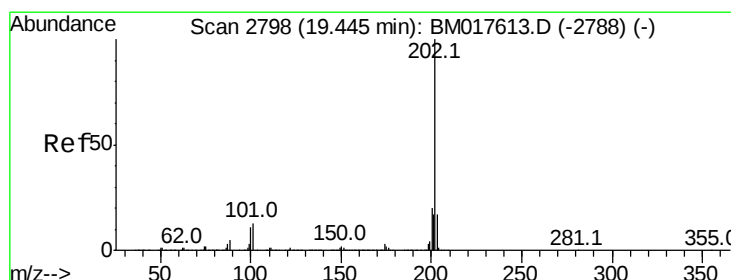
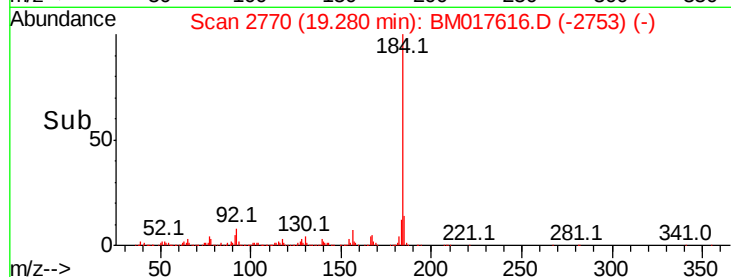
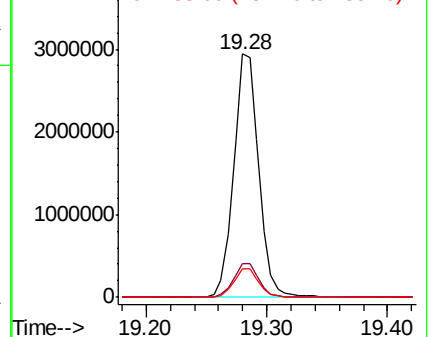
APPROVED

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Abundance Ion 184.00 (183.70 to 184.70): E
4000000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 88.730 ng

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

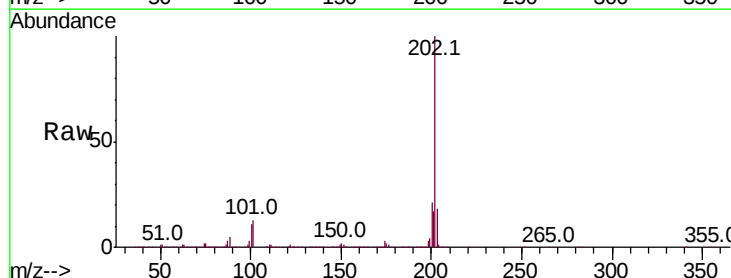
Tgt Ion:202 Resp: 7438496

Ion Ratio Lower Upper

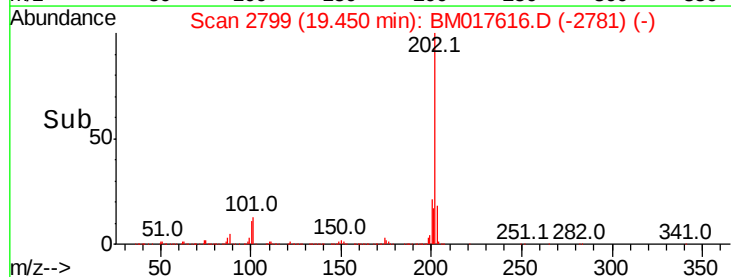
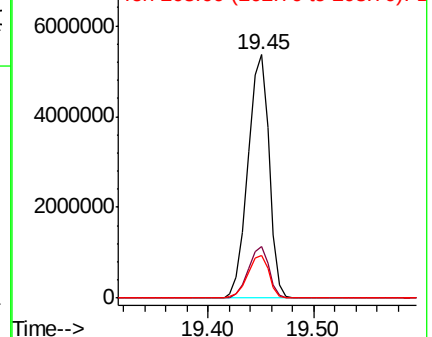
202 100

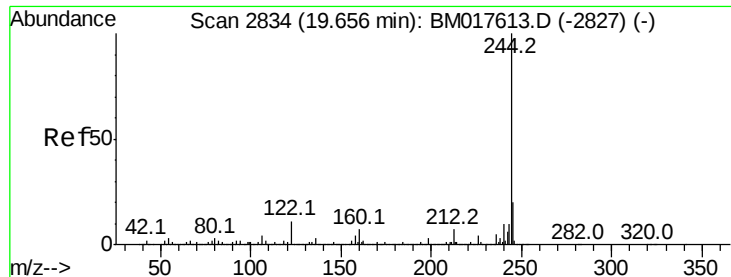
200 21.0 16.4 24.6

203 17.6 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
6000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 154.808 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. 0.01 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

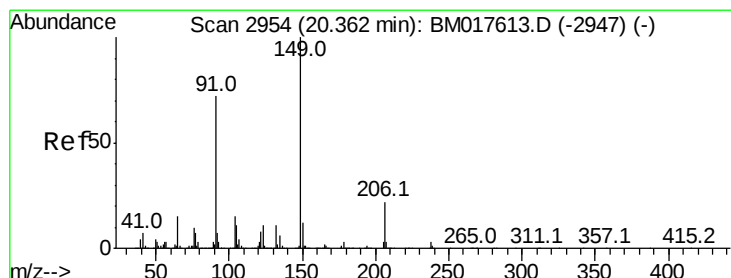
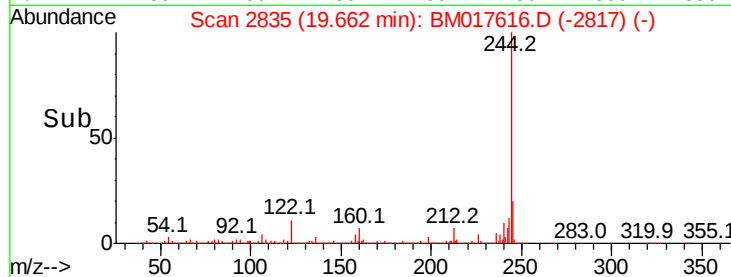
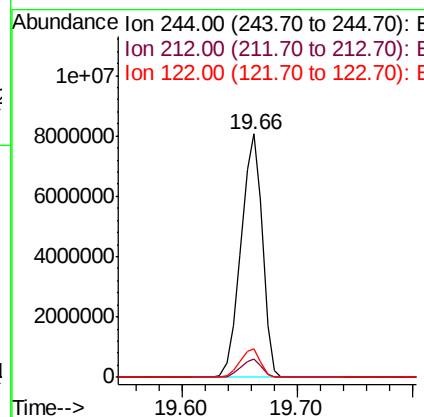
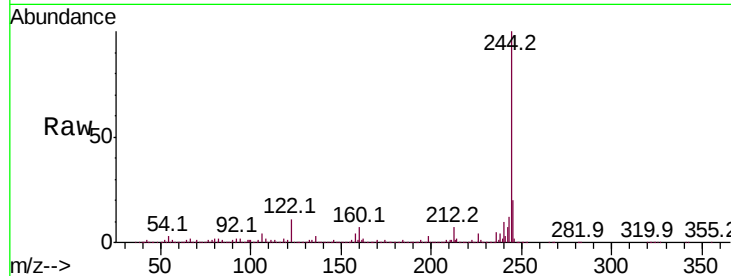
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion:244 Resp:10301818

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	11.5	9.0	13.6

Manual Integrations
 APPROVED

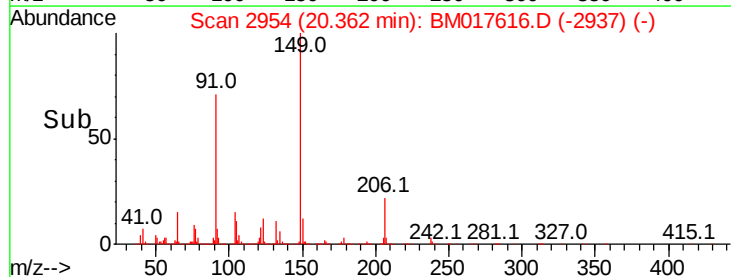
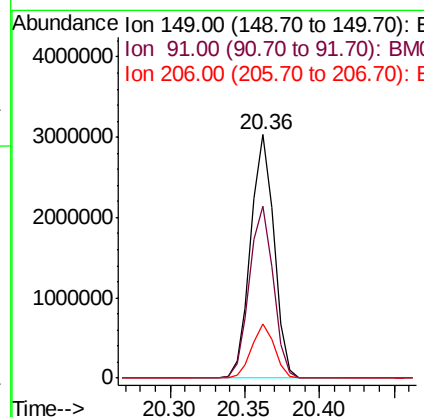
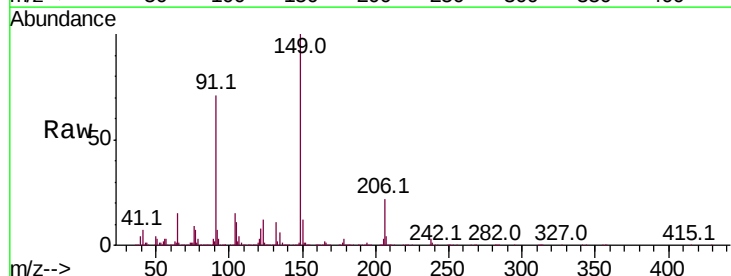
Sohil
 11/13/2018 2:25:19 PM

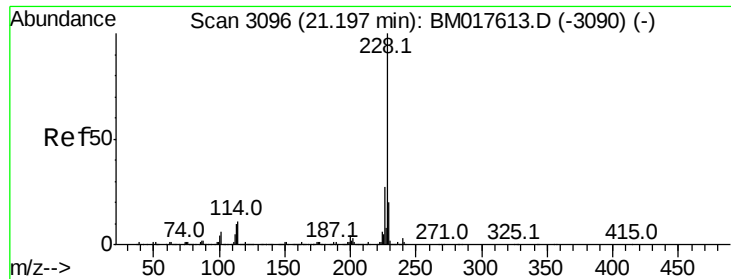


#80
 Butylbenzylphthalate
 Concen: 113.997 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Tgt Ion:149 Resp: 3286126

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.6	86.4
206	22.1	17.4	26.0





#81

Benzo(a)anthracene

Concen: 82.422 ng

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 6957096

Ion Ratio Lower Upper

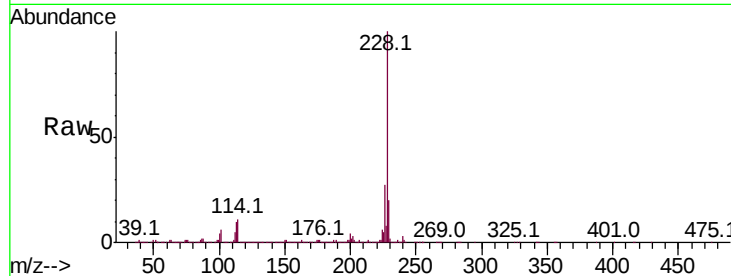
228 100

226 27.4 21.3 31.9

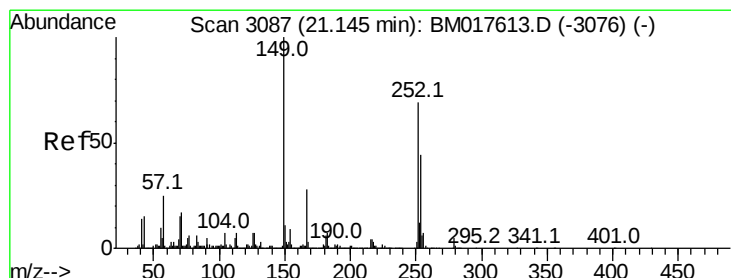
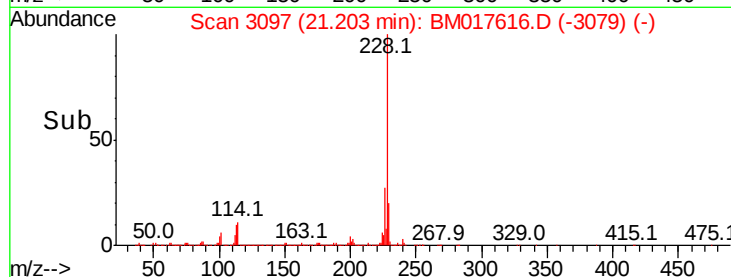
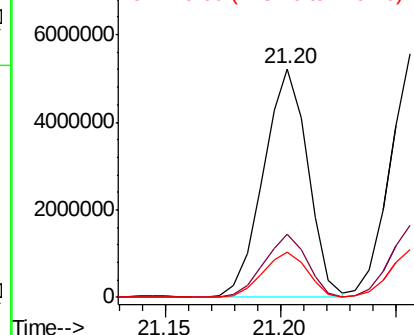
229 20.0 16.0 24.0

Manual Integrations
APPROVED

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 92.497 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

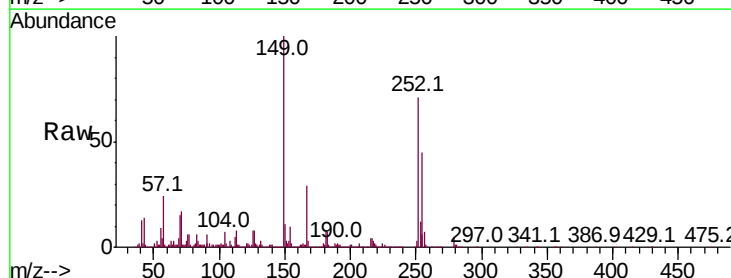
Tgt Ion:252 Resp: 2909877

Ion Ratio Lower Upper

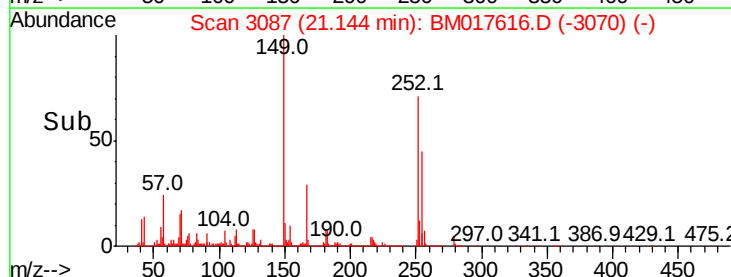
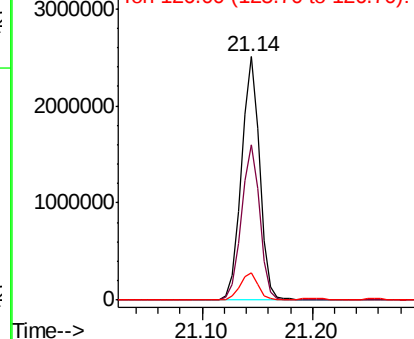
252 100

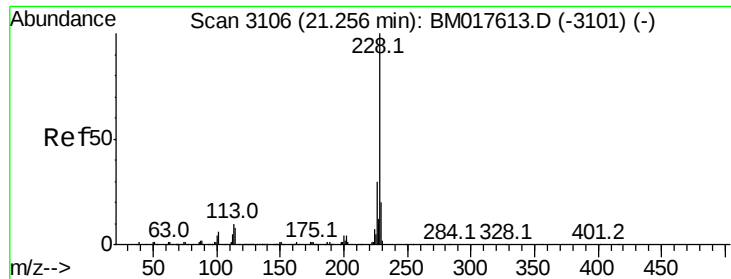
254 63.7 51.4 77.2

126 11.2 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 80.389 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

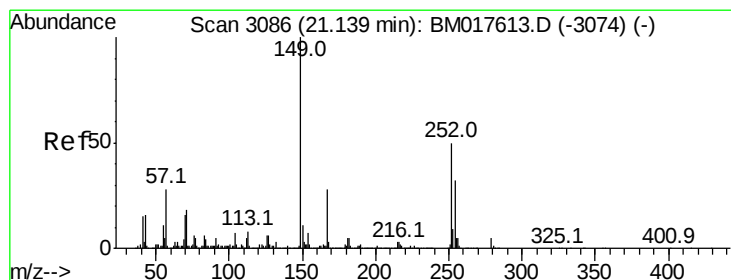
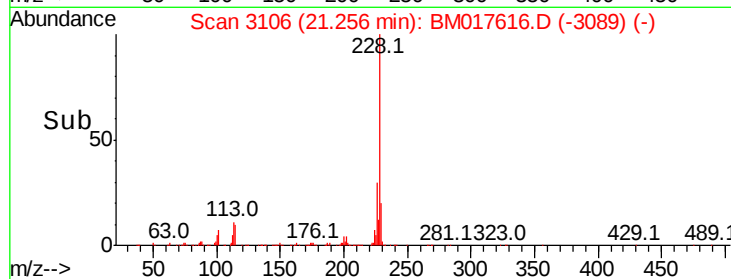
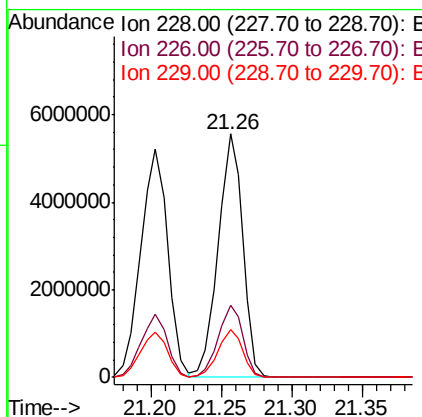
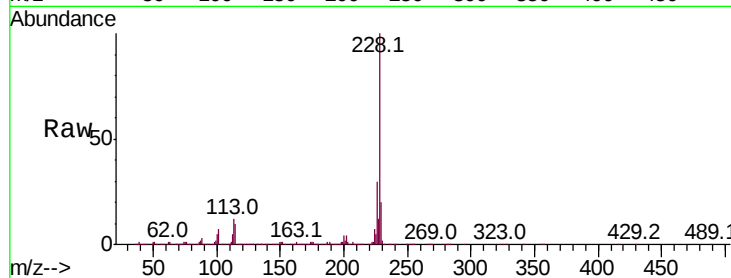
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion:228 Resp: 6716282

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	19.7	15.8	23.6

Manual Integrations
 APPROVED

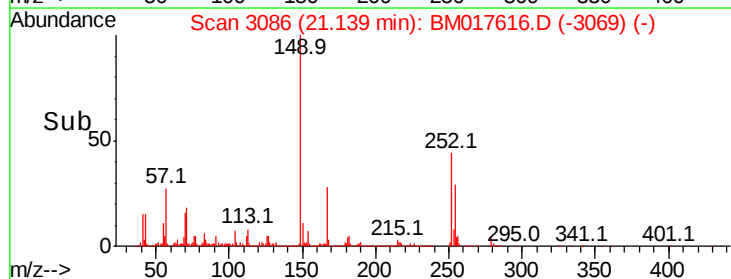
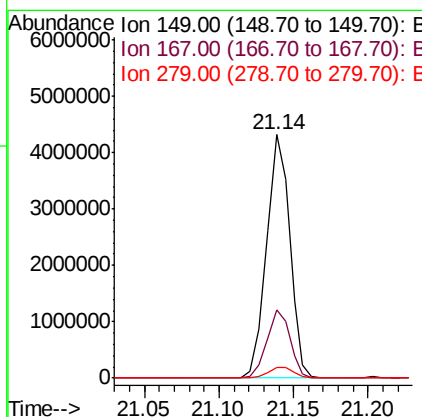
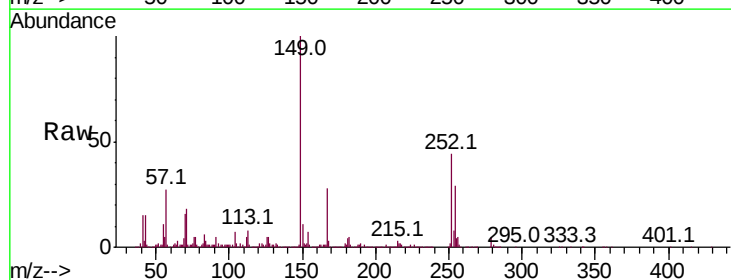
Sohil
 11/13/2018 2:25:19 PM

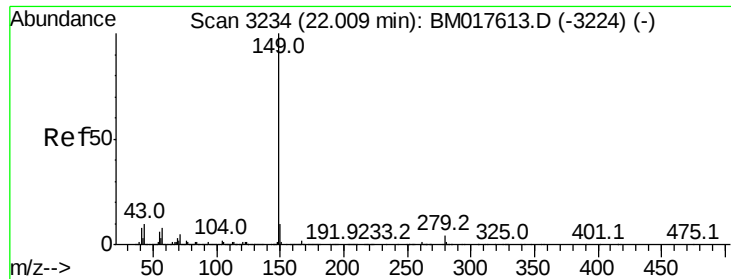


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 102.699 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM017616.D
 Acq: 12 Nov 2018 17:02

Tgt Ion:149 Resp: 4632472

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.5	3.7	5.5





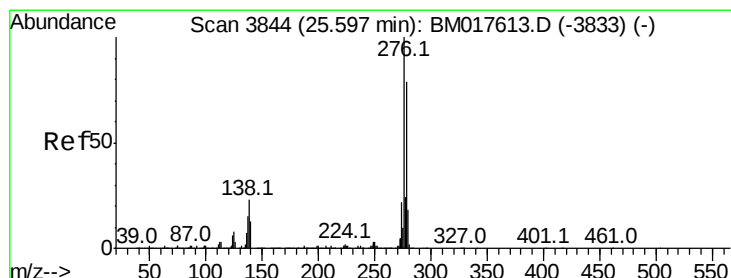
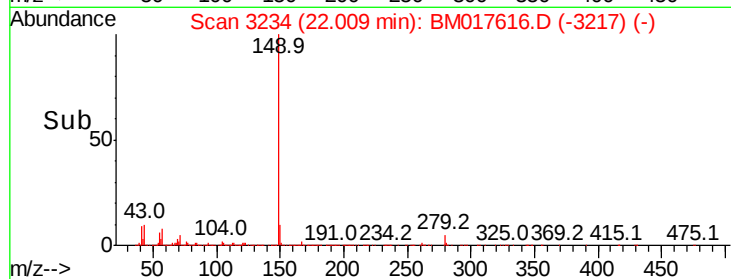
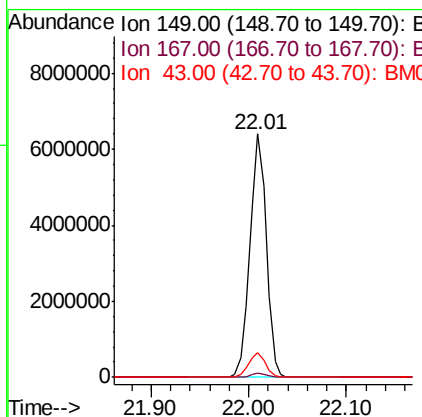
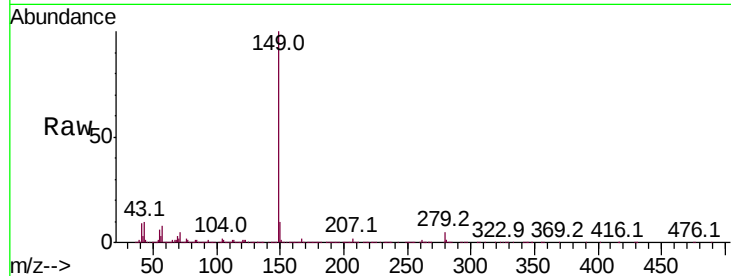
#85
Di-n-octyl phthalate
Concen: 97.659 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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

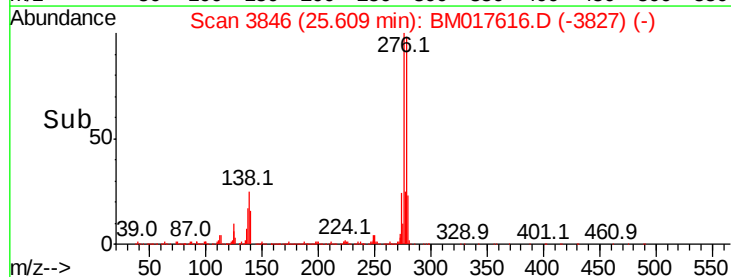
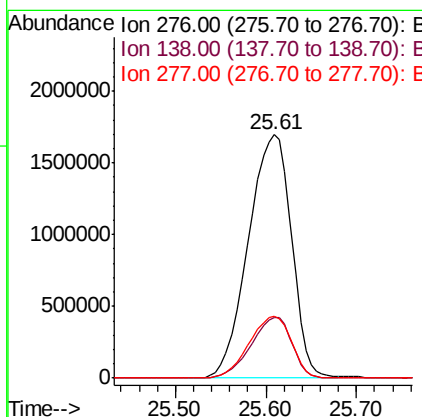
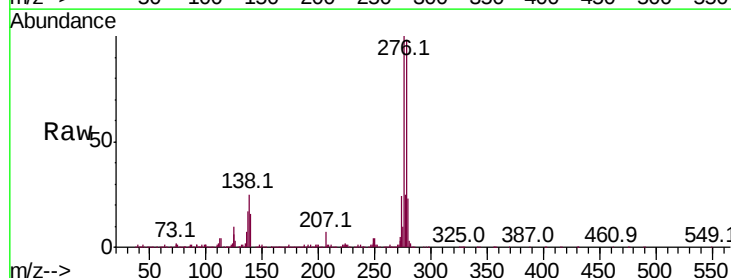
Manual Integrations
APPROVED

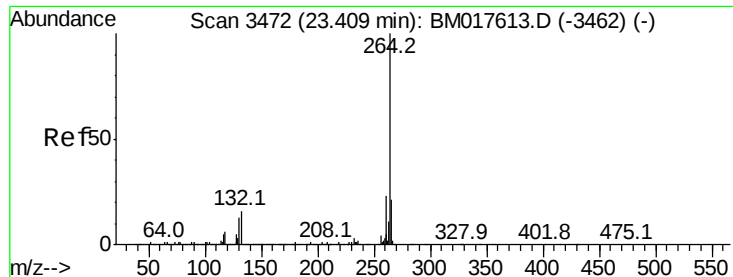
Sohil
11/13/2018 2:25:19 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 59.965 ng
RT: 25.61 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

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: BM017616.D

Acq: 12 Nov 2018 17:02

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:264 Resp: 1282146

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

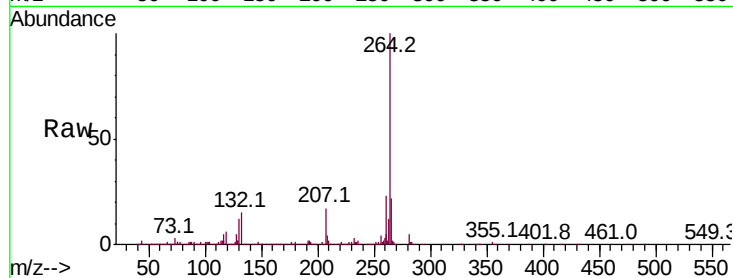
265 21.9 17.5 26.3

Manual Integrations

APPROVED

Sohil

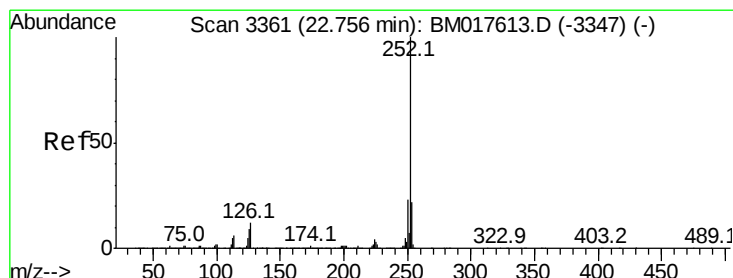
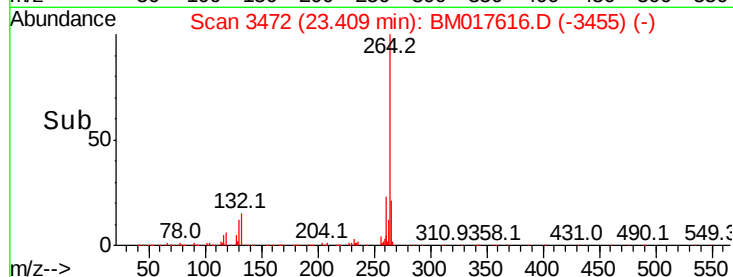
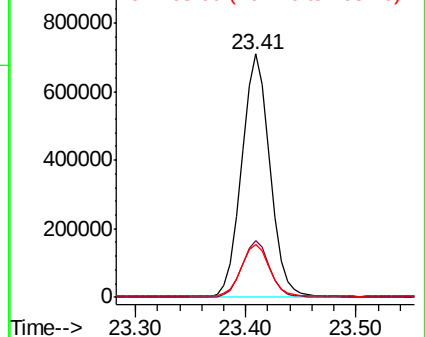
11/13/2018 2:25:19 PM



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: 88.589 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM017616.D

Acq: 12 Nov 2018 17:02

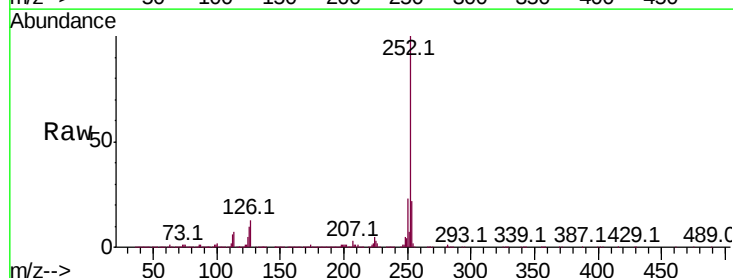
Tgt Ion:252 Resp: 6210076

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

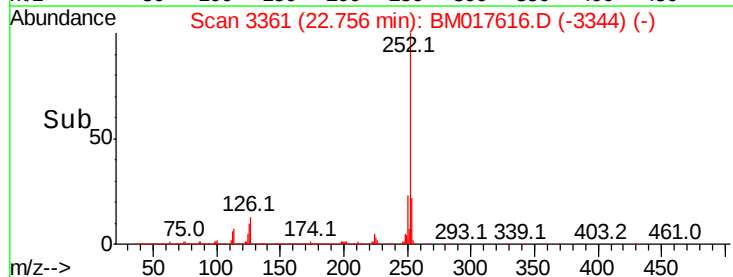
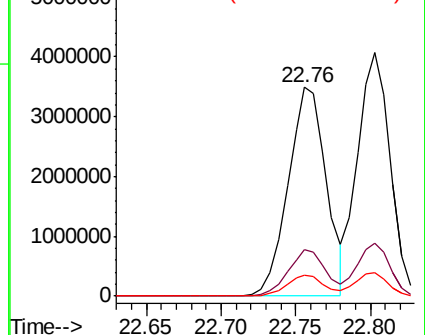
125 10.1 7.6 11.4

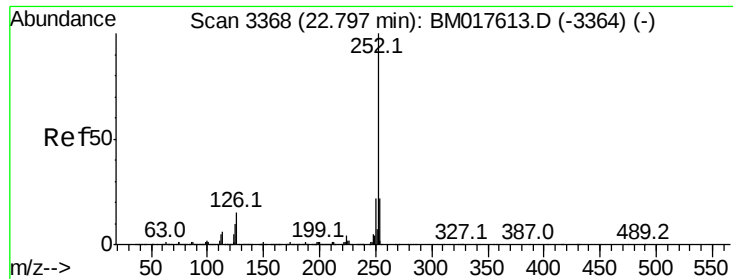


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





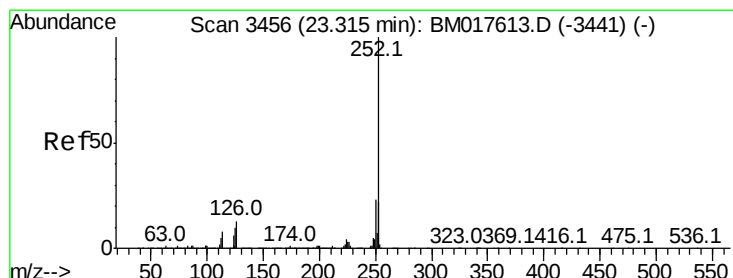
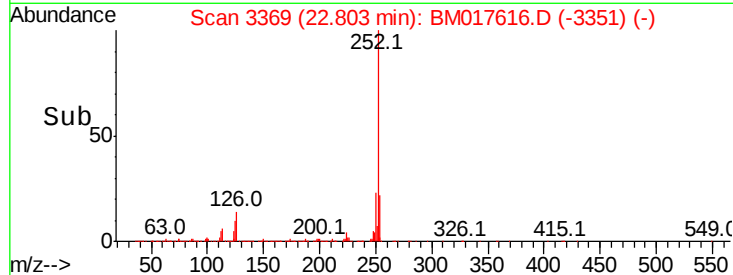
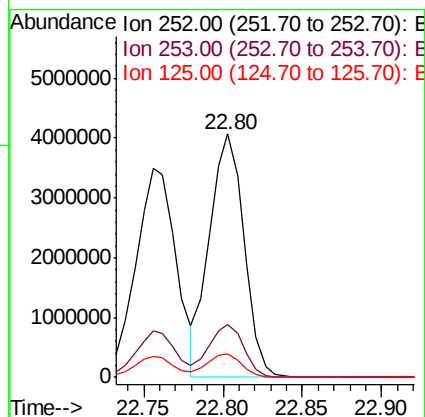
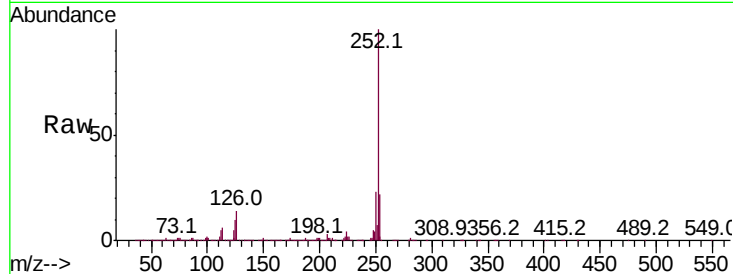
#89
Benzo(k)fluoranthene
Concen: 87.635 ng
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampled :
SSTDIC080

Tot Ion:252 Resp: 6164250
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.8 7.9 11.9

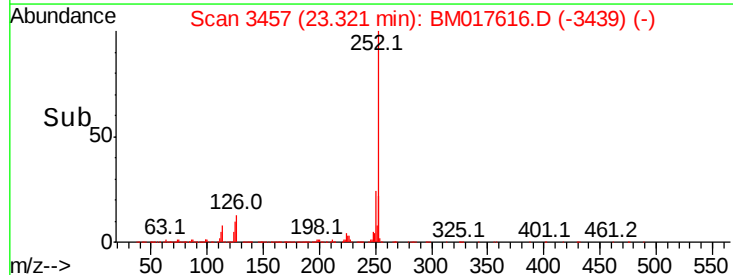
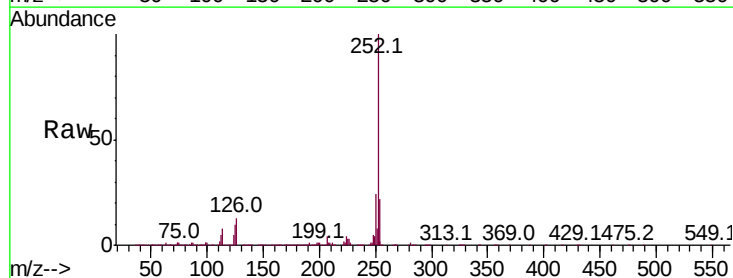
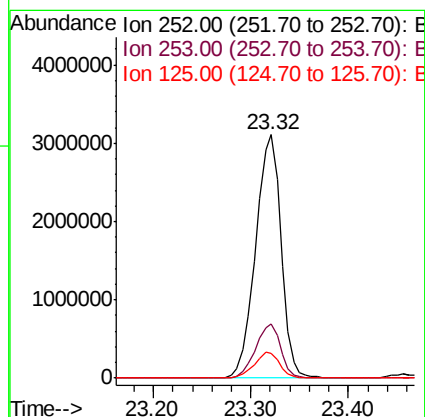
Manual Integrations
APPROVED

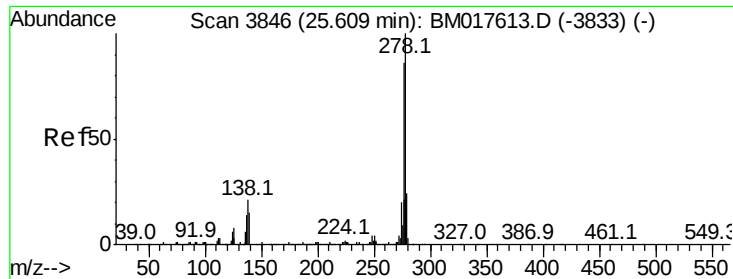
Sohil
11/13/2018 2:25:19 PM



#90
Benzo(a)pyrene
Concen: 85.396 ng
RT: 23.32 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion:252 Resp: 5683734
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.4 8.2 12.2





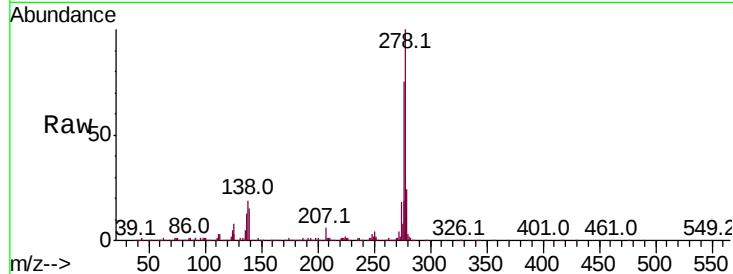
#91
Dibenzo(a,h)anthracene
Concen: 72.277 ng
RT: 25.62 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

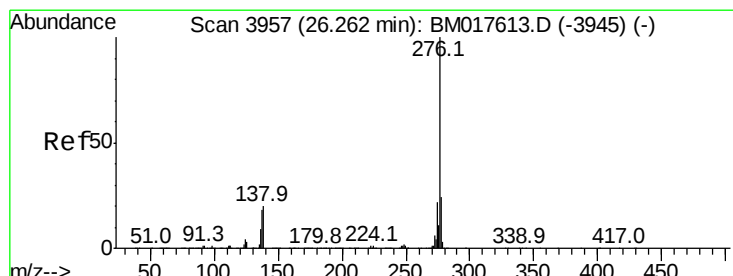
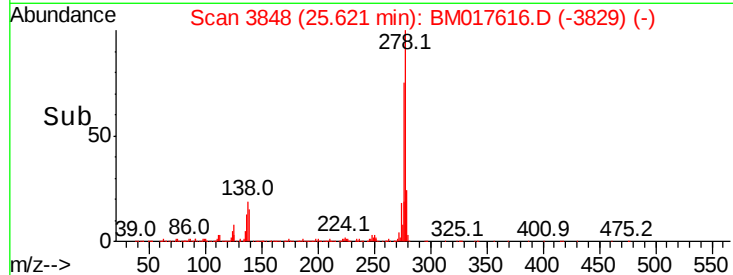
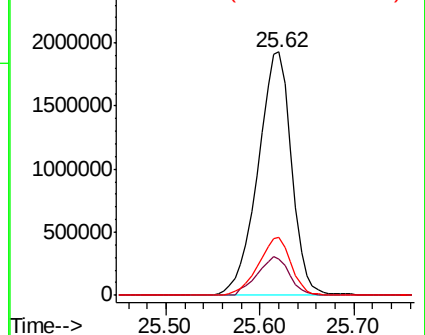
Tot Ion:278 Resp: 4776750
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:19 PM

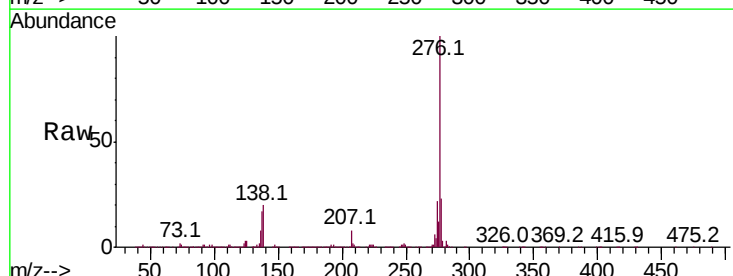


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 68.582 ng
RT: 26.27 min Scan# 3959
Delta R.T. 0.01 min
Lab File: BM017616.D
Acq: 12 Nov 2018 17:02

Tgt Ion:276 Resp: 4492285
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 19.6 15.9 23.9



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

