

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018823.D
 Acq On : 15 Feb 2019 18:55
 Operator : JU/SJ
 Sample : K1501-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:09:26 PM

Quant Time: Feb 15 23:19:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	331983	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1354592	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	765230	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1682792	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1680386	20.00	ng	0.00
87) Perylene-d12	23.56	264	1417024	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	4197176	207.15	ng	0.00
7) Phenol-d6	6.89	99	5976129	209.37	ng	0.00
23) Nitrobenzene-d5	8.88	82	3846616	131.30	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	2327932	211.04	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	7147506	123.99	ng	0.00
79) Terphenyl-d14	19.74	244	10600522	130.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	413436	46.849	ng	98
3) Pyridine	3.65	79	1236475	51.366	ng	100
4) n-Nitrosodimethylamine	3.57	42	426655	69.672	ng	99
6) Aniline	7.06	93	1680629	48.055	ng	99
8) 2-Chlorophenol	7.28	128	1418883	63.783	ng	99
9) Benzaldehyde	6.86	77	821028	59.940	ng	98
10) Phenol	6.92	94	2082459	69.338	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1361625	59.433	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1411059	56.411	ng	99
13) 1,4-Dichlorobenzene	7.75	146	1448008	56.862	ng	100
14) 1,2-Dichlorobenzene	8.06	146	1398258	57.163	ng	99
15) Benzyl Alcohol	7.96	79	1433790	63.217	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	1305150	58.860	ng	99
17) 2-Methylphenol	8.16	107	1235588	64.638	ng	99
18) Hexachloroethane	8.77	117	544171	58.538	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	1309129	59.235	ng	99
20) 3+4-Methylphenols	8.49	107	1691323	64.075	ng	99
22) Acetophenone	8.54	105	2159696	58.057	ng	# 99
24) Nitrobenzene	8.92	77	1855902	61.031	ng	100
25) Isophorone	9.44	82	3265029	69.849	ng	100
26) 2-Nitrophenol	9.62	139	776045	64.083	ng	98
27) 2,4-Dimethylphenol	9.68	122	1300916	73.551	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1911411	63.234	ng	99
29) 2,4-Dichlorophenol	10.15	162	1343707	66.162	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1379499	58.816	ng	98
31) Naphthalene	10.55	128	4233822	64.086	ng	99
32) Benzoic acid	9.86	122	859007	55.676	ng	97
33) 4-Chloroaniline	10.67	127	445007	15.069	ng	98
34) Hexachlorobutadiene	10.81	225	754207	55.400	ng	99
35) Caprolactam	11.51	113	451399m	54.461	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1566742	63.985	ng	98
37) 2-Methylnaphthalene	12.16	142	3124180	67.167	ng	99
38) 1-Methylnaphthalene	12.39	142	2974860	65.404	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1480290	60.472	ng	99

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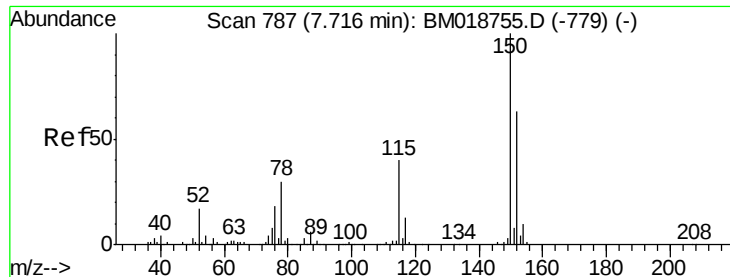
Manual Integrations
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Quant Time: Feb 15 23:19:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1704395	136.184	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	1080106	66.652	nq	98
44) 2,4,5-Trichlorophenol	12.86	196	1145663	67.451	nq	99
46) 1,1'-Biphenyl	13.19	154	3945188	59.894	nq	100
47) 2-Chloronaphthalene	13.23	162	3080809	60.555	nq	99
48) 2-Nitroaniline	13.46	65	1103882	65.330	nq	99
49) Acenaphthylene	14.08	152	5021101	66.280	nq	99
50) Dimethylphthalate	13.83	163	4390875	68.850	nq	99
51) 2,6-Dinitrotoluene	13.96	165	883696	63.967	nq	97
52) Acenaphthene	14.43	154	2905276	62.544	nq	100
53) 3-Nitroaniline	14.29	138	446563	28.609	nq	99
54) 2,4-Dinitrophenol	14.50	184	1033238	115.142	nq	98
55) Dibenzofuran	14.76	168	4691020	61.441	nq	99
56) 4-Nitrophenol	14.61	139	1556008	124.874	nq	97
57) 2,4-Dinitrotoluene	14.75	165	1260205	66.207	nq	98
58) Fluorene	15.41	166	3861774	66.114	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1026074	68.344	nq	100
60) Diethylphthalate	15.19	149	4047982	61.533	nq	99
61) 4-Chlorophenyl-phenylether	15.41	204	1934759	59.077	nq	96
62) 4-Nitroaniline	15.46	138	897917	58.677	nq	98
63) Azobenzene	15.70	77	4369368	61.945	nq	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	706656	59.810	nq	99
66) n-Nitrosodiphenylamine	15.63	169	3353206	63.070	nq	99
67) 4-Bromophenyl-phenylether	16.30	248	1150502	61.080	nq	99
68) Hexachlorobenzene	16.40	284	1330083	60.751	nq	99
69) Atrazine	16.59	200	1112232	64.891	nq	100
70) Pentachlorophenol	16.76	266	1776196	125.998	nq	100
71) Phenanthrene	17.16	178	5920664	65.468	nq	100
72) Anthracene	17.24	178	6071120	68.971	nq	99
73) Carbazole	17.52	167	5556308	60.418	nq	100
74) Di-n-butylphthalate	18.07	149	6992468	66.113	nq	99
75) Fluoranthene	19.17	202	6815852	65.245	nq	97
77) Benzidine	19.37	184	3836387	101.372	nq	100
78) Pyrene	19.54	202	6946715	71.179	nq	99
80) Butylbenzylphthalate	20.44	149	3326418	74.788	nq	97
81) Benzo(a)anthracene	21.29	228	6572153	67.095	nq	99
82) 3,3'-Dichlorobenzidine	21.23	252	1444996	37.326	nq	99
83) Chrysene	21.34	228	6150488	65.510	nq	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	4783671	73.484	nq	100
85) Di-n-octyl phthalate	22.10	149	7937460	72.547	nq	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	5807635	53.578	nq	99
88) Benzo(b)fluoranthene	22.89	252	5783735	71.340	nq	100
89) Benzo(k)fluoranthene	22.93	252	5862868	72.638	nq	100
90) Benzo(a)pyrene	23.47	252	5391793	70.203	nq	99
91) Dibenzo(a,h)anthracene	25.87	278	4960935	65.197	nq	99
92) Benzo(g,h,i)perylene	26.56	276	4616041	65.162	nq	100

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



#1

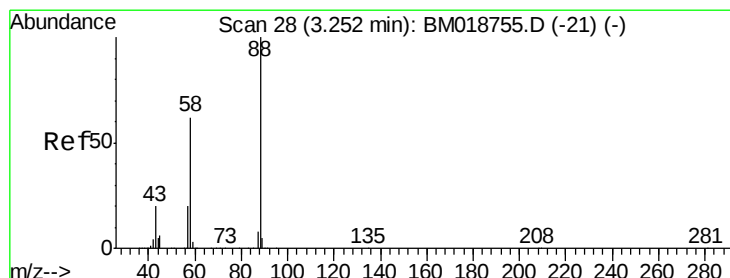
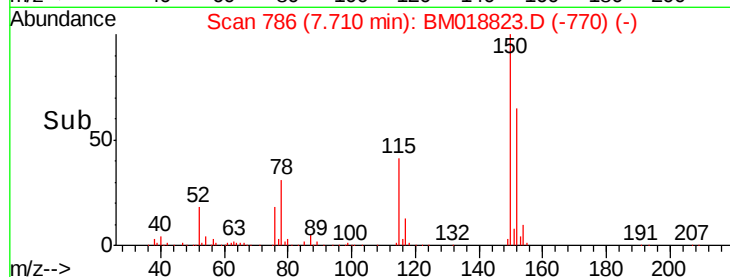
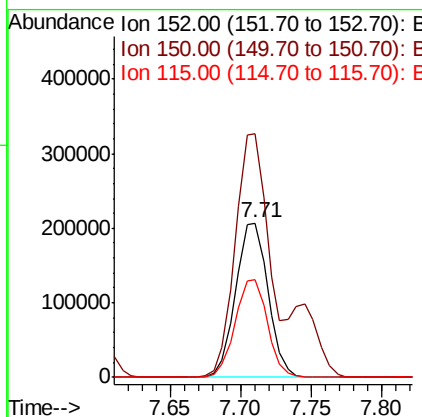
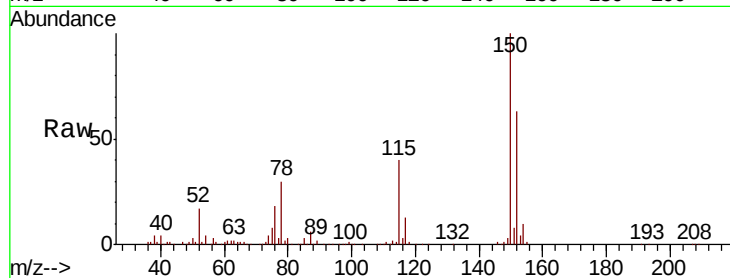
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.3	190.9
115	63.3	50.8	76.2

Manual Integrations
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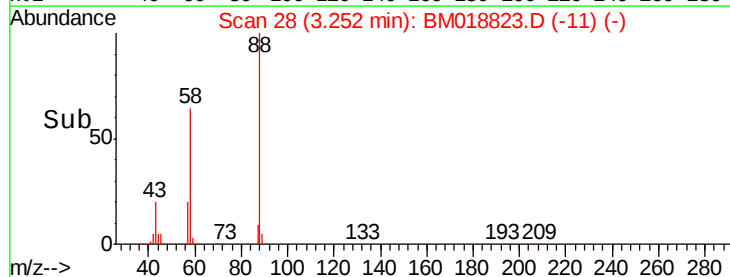
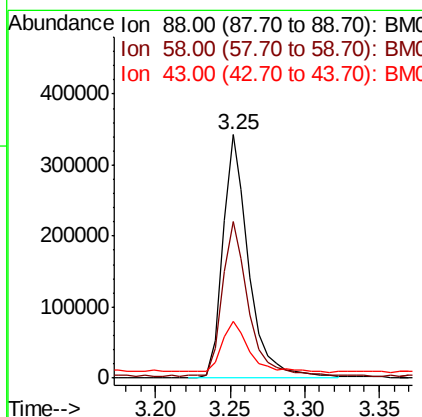
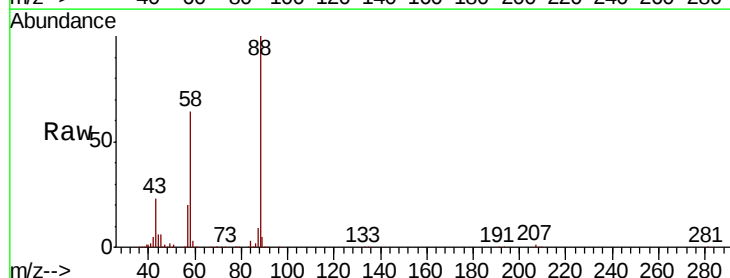
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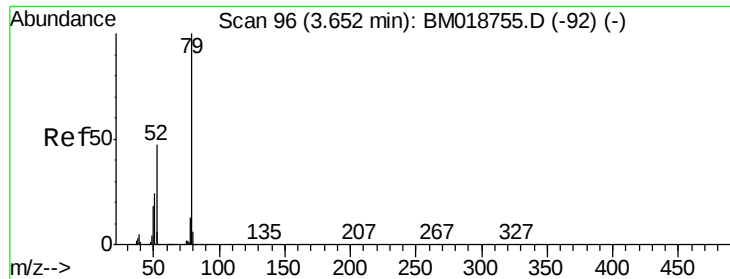


#2

1,4-Dioxane
Concen: 46.849 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	49.8	74.6
43	21.3	16.7	25.1





#3

Pvridine

Concen: 51.366 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion: 79 Resp: 1236475

Ion Ratio Lower Upper

79 100

52 46.9 37.6 56.4

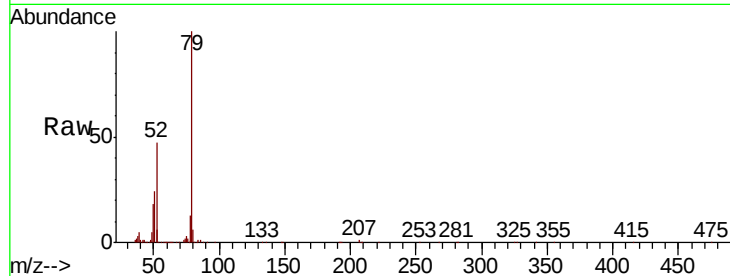
51 24.1 19.7 29.5

Manual Integrations

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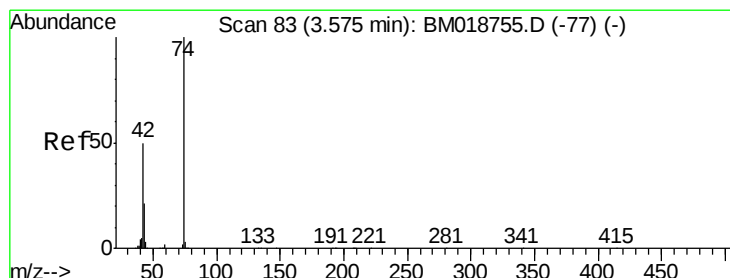
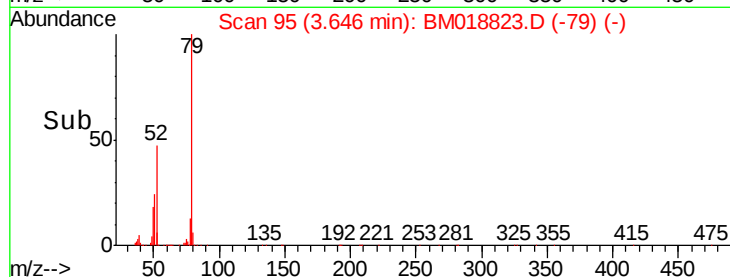
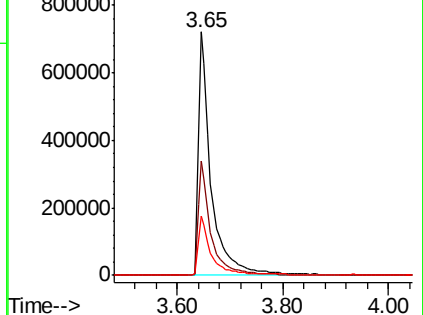
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Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 69.672 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

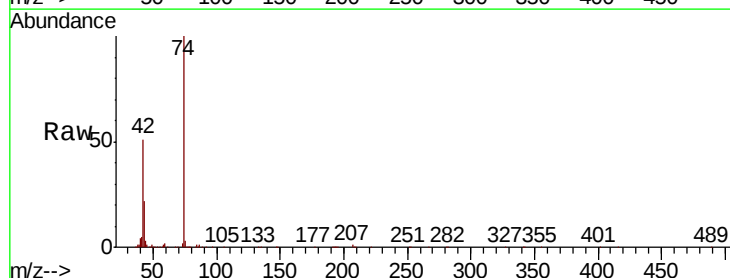
Tgt Ion: 42 Resp: 426655

Ion Ratio Lower Upper

42 100

74 195.3 158.1 237.1

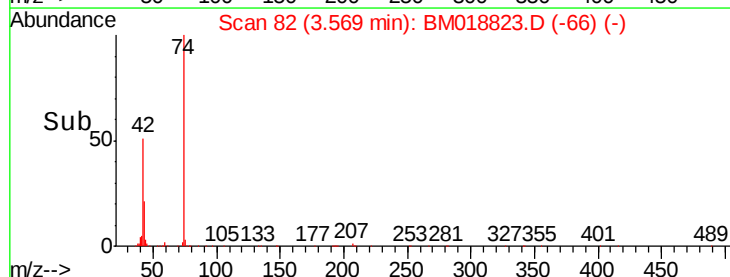
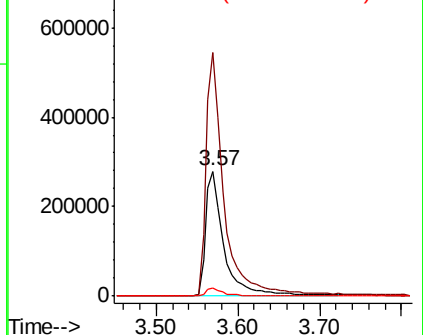
44 6.1 4.9 7.3

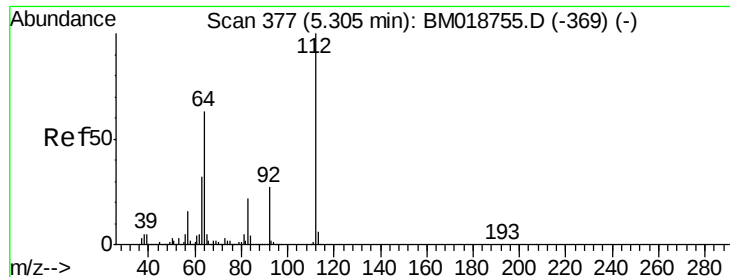


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 207.148 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:112 Resp: 4197176

Ion Ratio Lower Upper

112 100

64 63.3 50.6 75.8

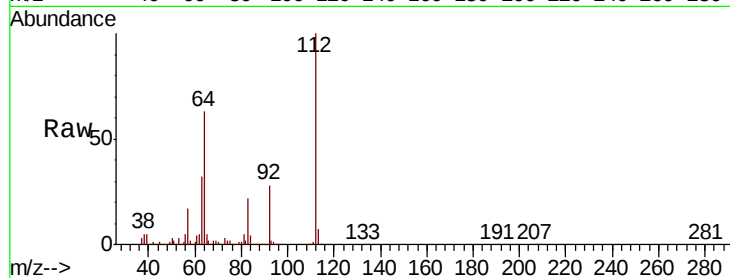
63 32.4 25.7 38.5

Manual Integrations

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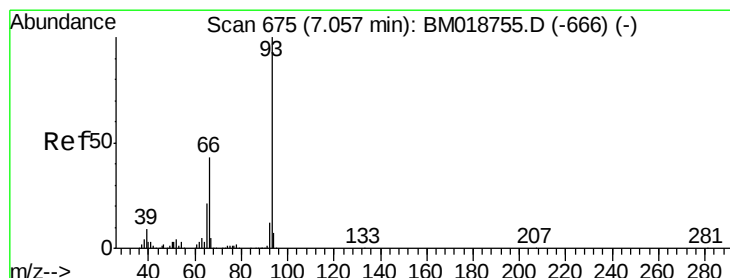
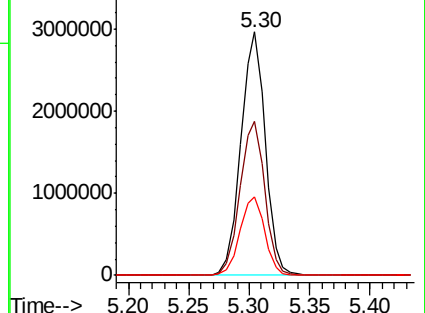
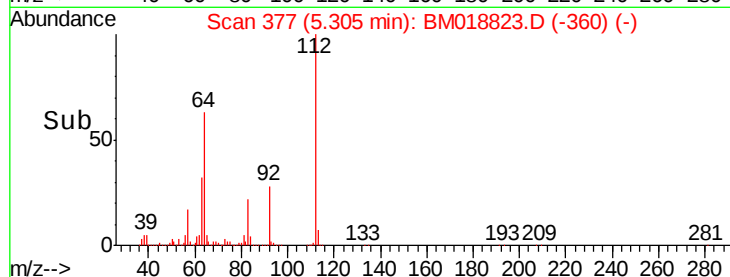
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 48.055 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

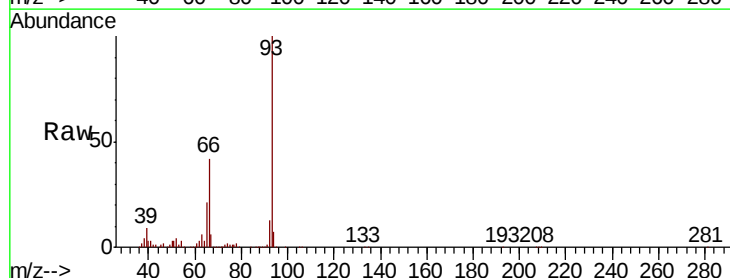
Tgt Ion: 93 Resp: 1680629

Ion Ratio Lower Upper

93 100

66 41.9 34.1 51.1

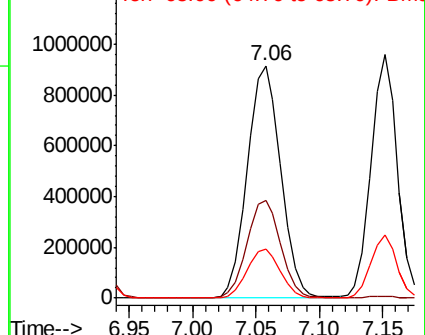
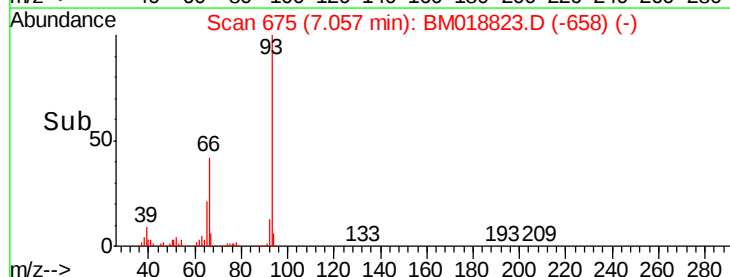
65 20.9 16.6 24.8

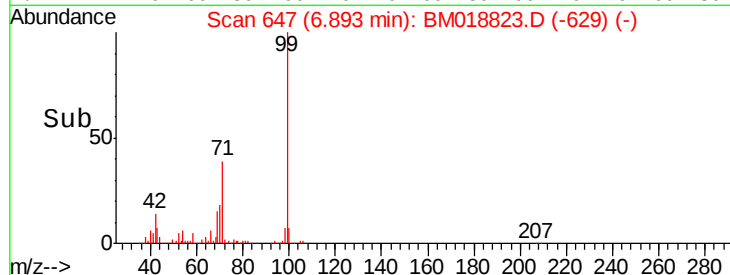
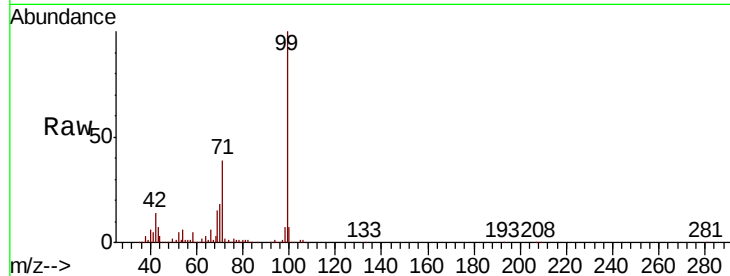


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 209.367 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tot Ion: 99 Resp: 5976129

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

71 38.7 31.3 46.9

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ClientSampleId :

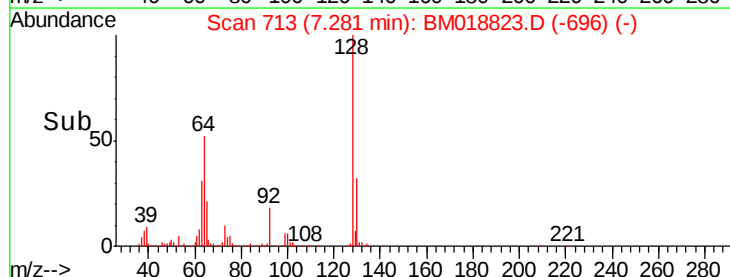
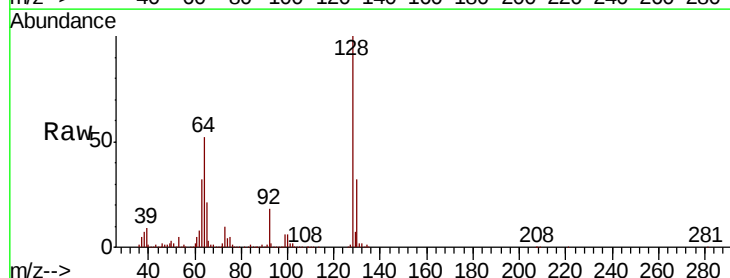
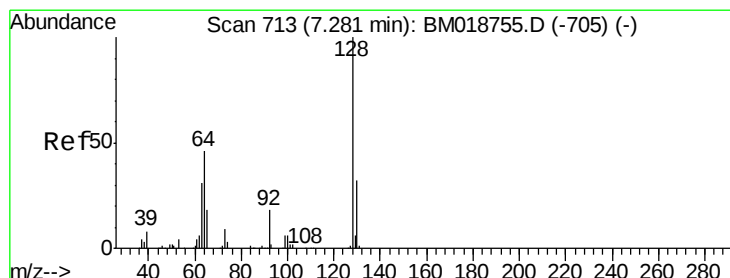
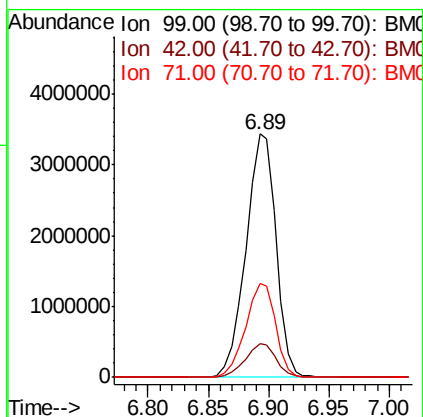
CH-021419MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 63.783 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

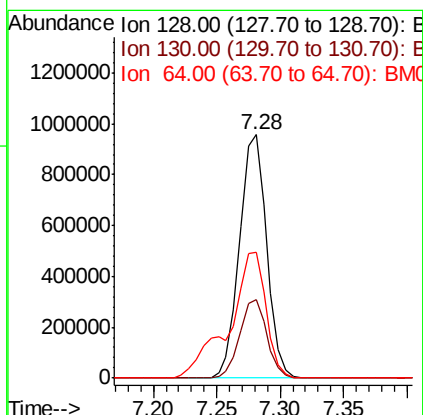
Tgt Ion:128 Resp: 1418883

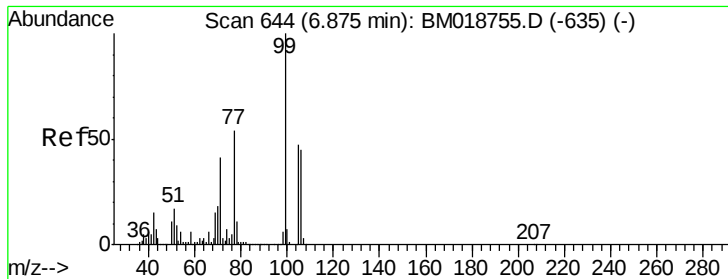
Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

64 51.8 31.0 71.0





#9

Benzaldehyde

Concen: 59.940 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

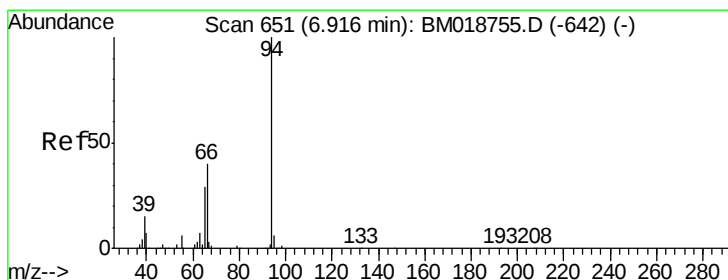
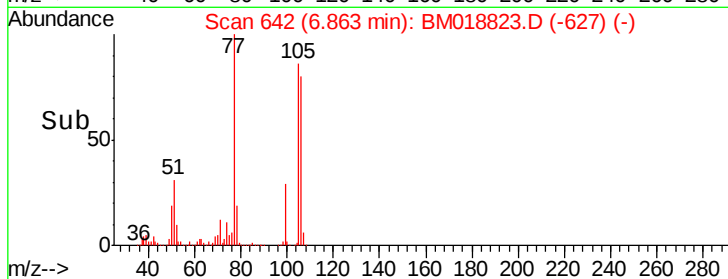
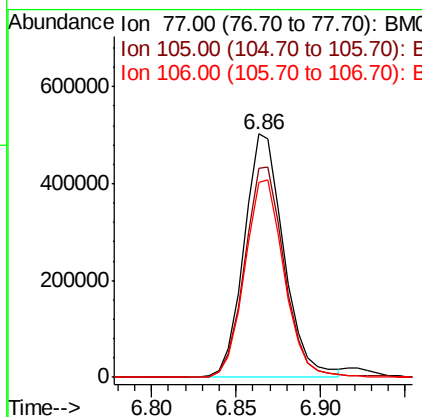
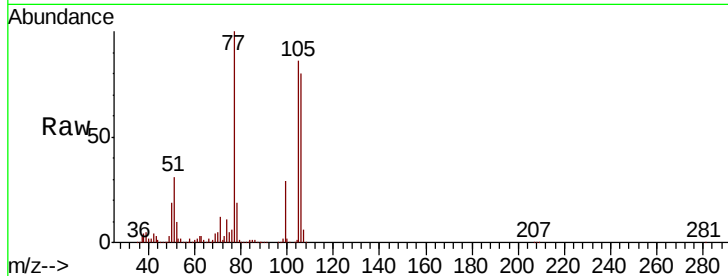
ClientSampleId :

CH-021419MSD

Tot Ion:	77	Resp:	821028
Ion	Ratio	Lower	Upper
77	100		
105	85.8	67.3	107.3
106	79.9	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 69.338 ng

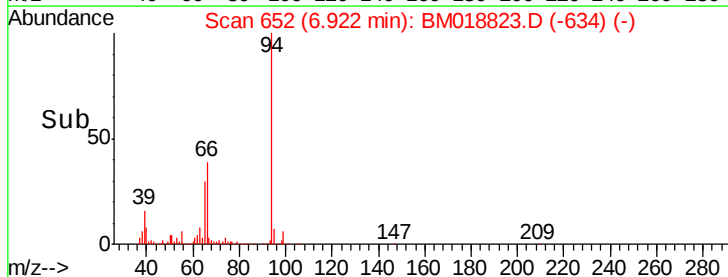
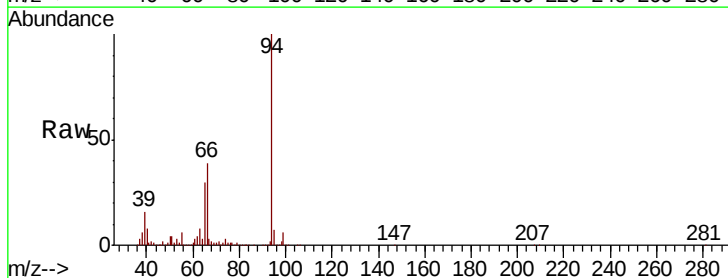
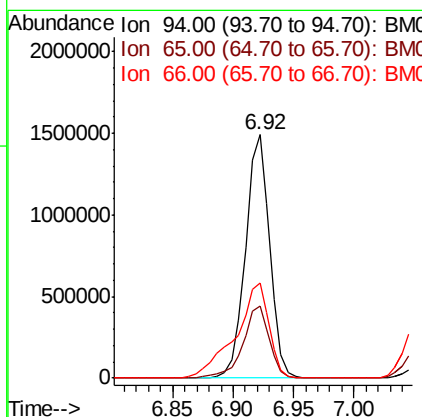
RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:	94	Resp:	2082459
Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.6	49.6
66	39.3	20.4	60.4





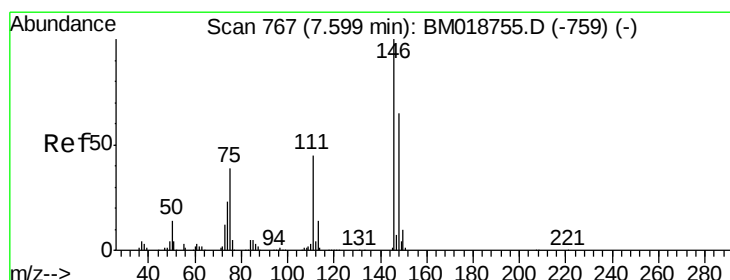
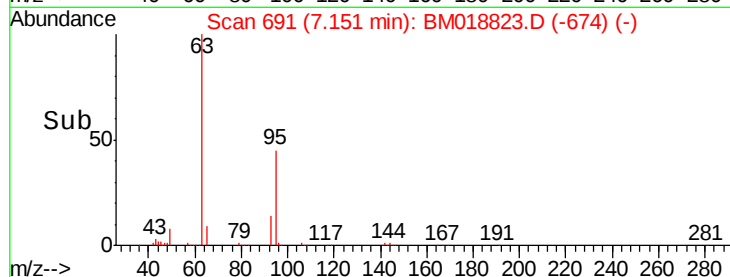
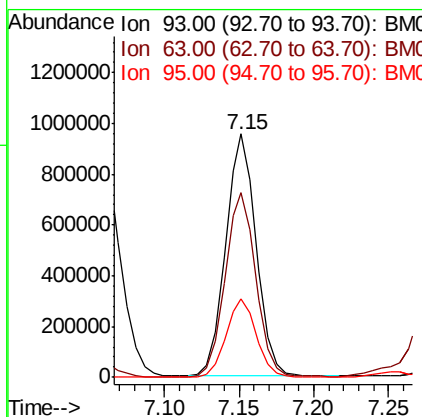
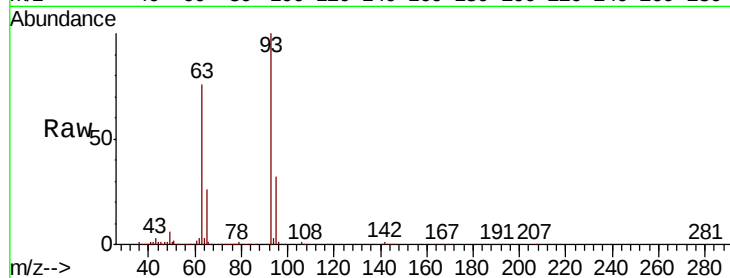
#11
bis(2-Chloroethyl)ether
Concen: 59.433 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	57.0	97.0
95	32.1	12.4	52.4

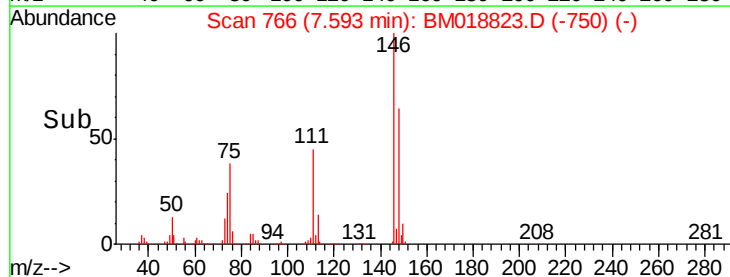
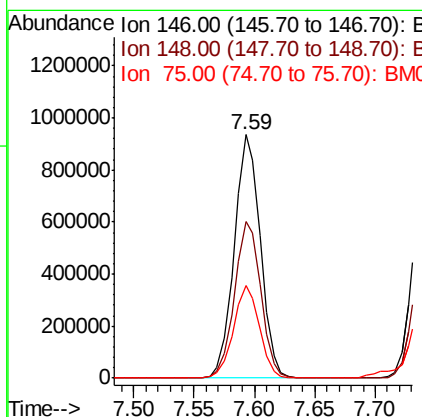
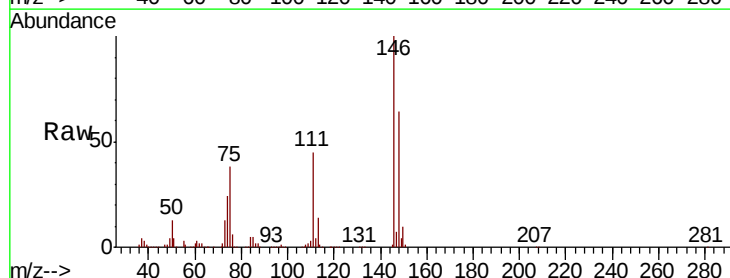
Manual Integrations
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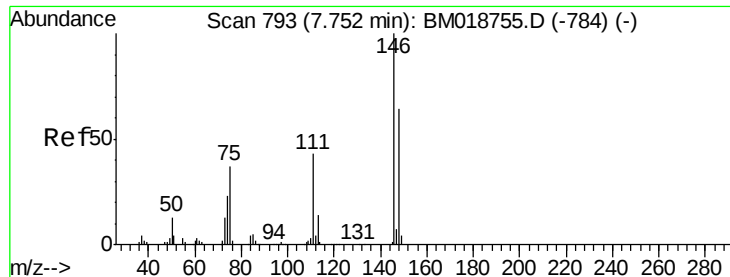
Sohil
2/18/2019 12:09:26 PM



#12
1,3-Dichlorobenzene
Concen: 56.411 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.7	77.5
75	38.0	31.3	46.9





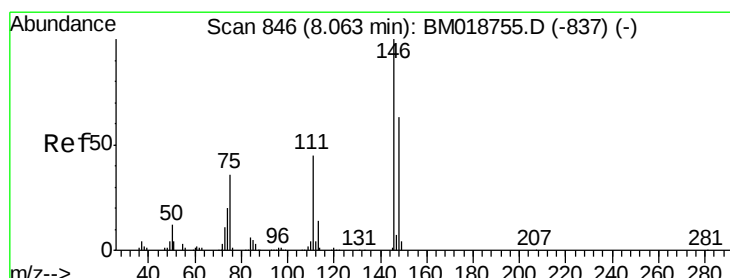
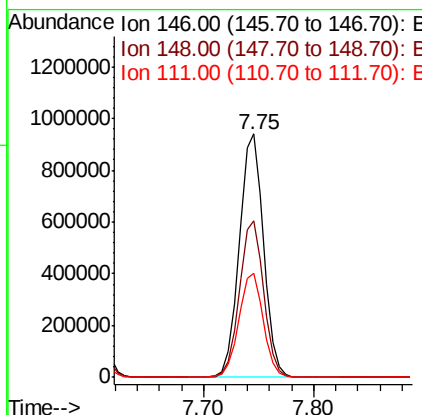
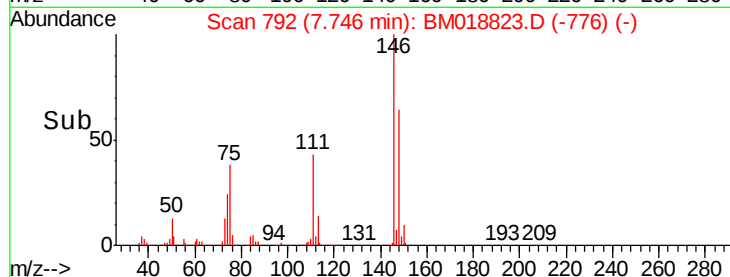
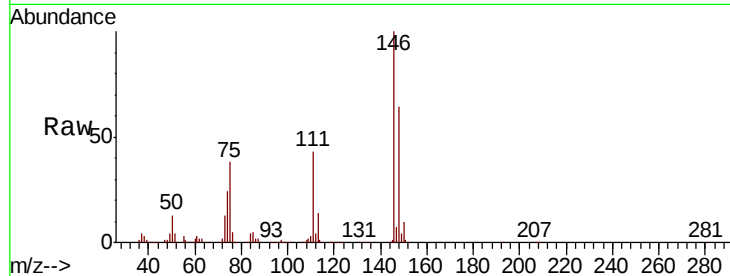
#13
 1,4-Dichlorobenzene
 Concen: 56.862 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion:146 Resp: 1448008
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 42.8 34.6 52.0

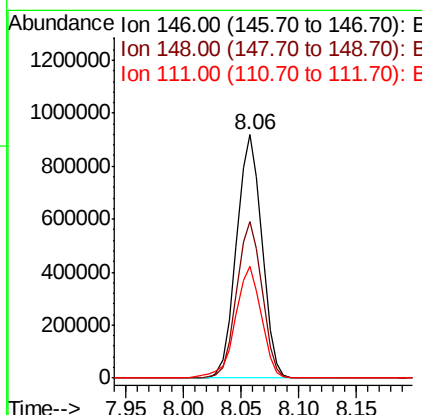
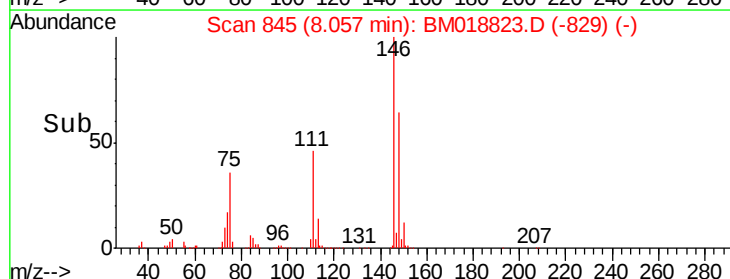
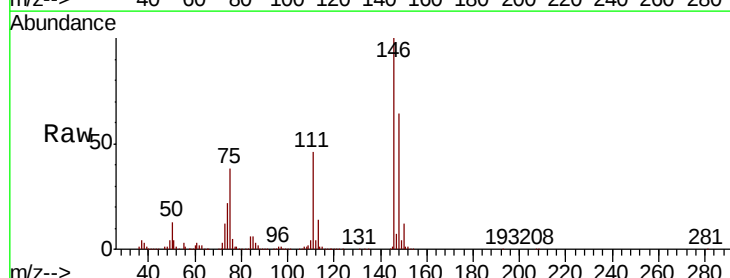
Manual Integrations
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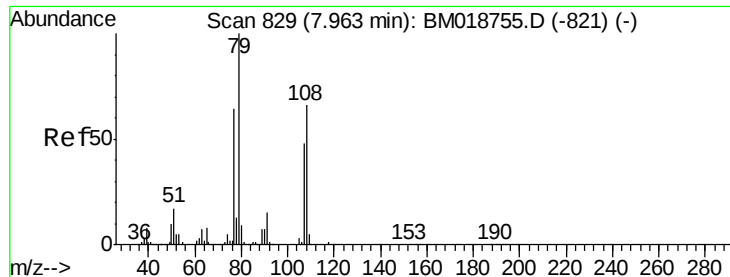
Sohil
 2/18/2019 12:09:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 57.163 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:146 Resp: 1398258
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.7 76.1
 111 46.1 35.9 53.9





#15

Benzyl Alcohol

Concen: 63.217 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion: 79 Resp: 1433790

Ion Ratio Lower Upper

79 100

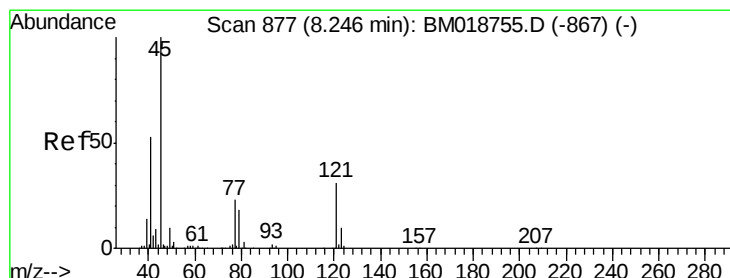
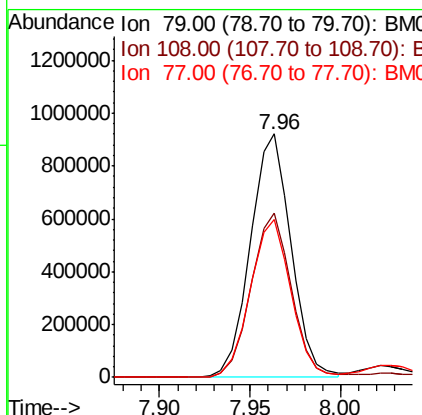
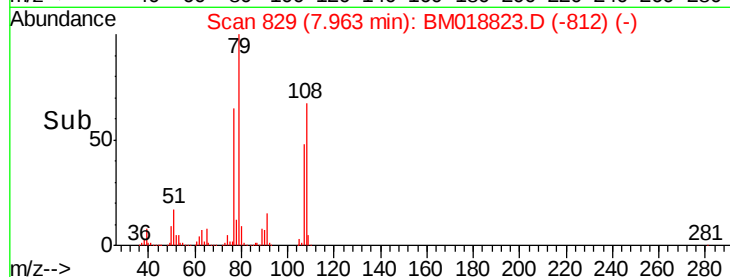
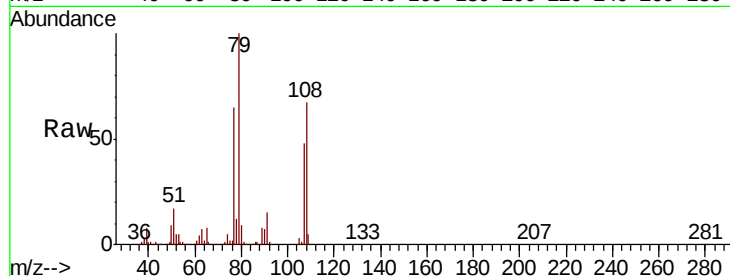
108 67.3 52.7 79.1

77 64.6 51.0 76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.860 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

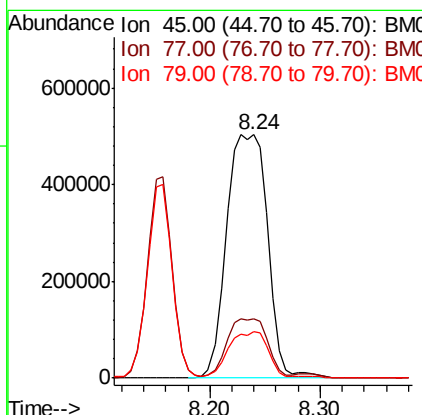
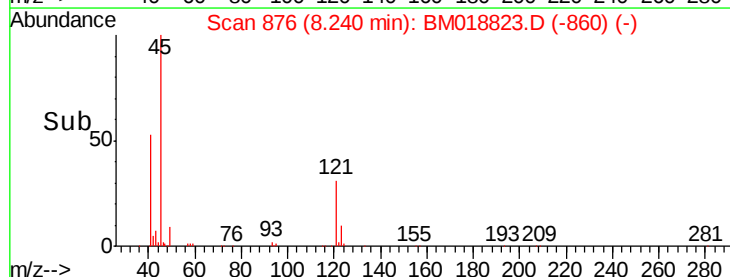
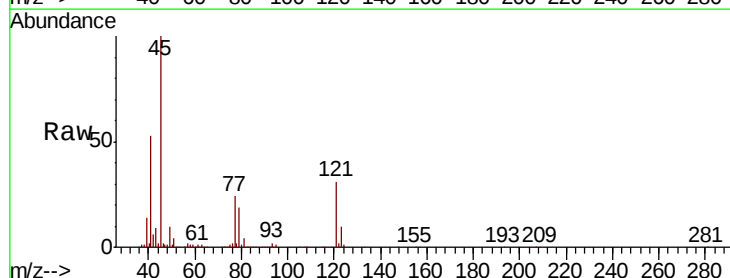
Tgt Ion: 45 Resp: 1305150

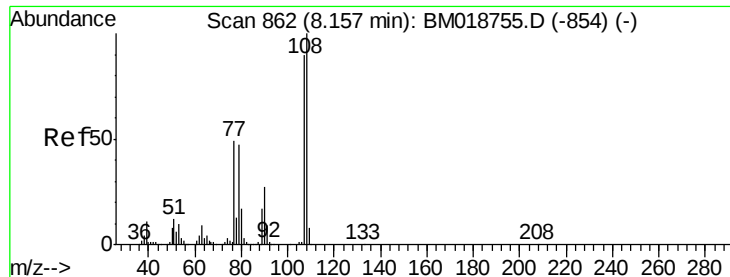
Ion Ratio Lower Upper

45 100

77 24.4 5.0 45.0

79 18.9 0.0 39.3





#17

2-Methylphenol

Concen: 64.638 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampled :

CH-021419MSD

Tot Ion:107 Resp: 1235588

Ion Ratio Lower Upper

107 100

108 110.7 88.8 133.2

77 53.1 44.0 66.0

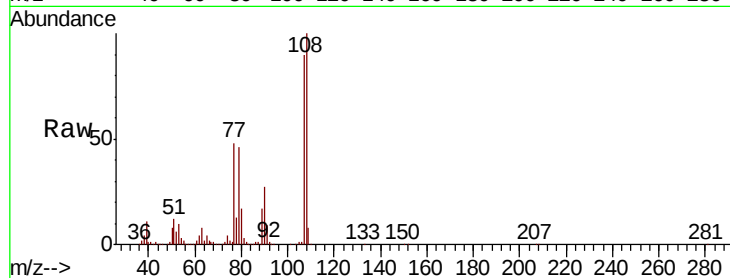
79 51.2 42.4 63.6

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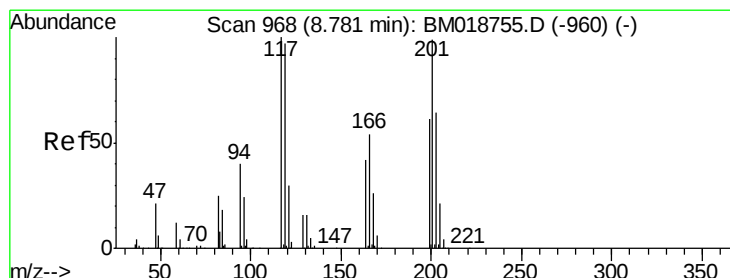
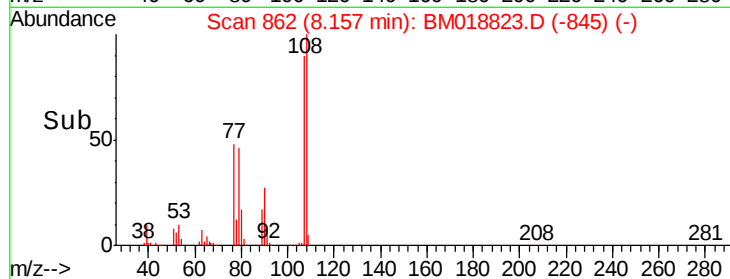
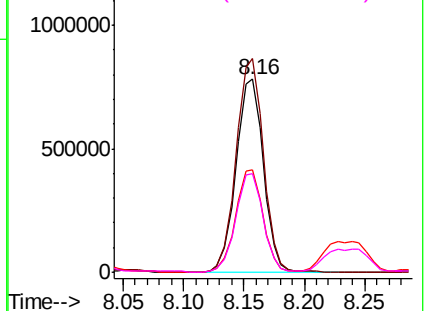


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 58.538 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

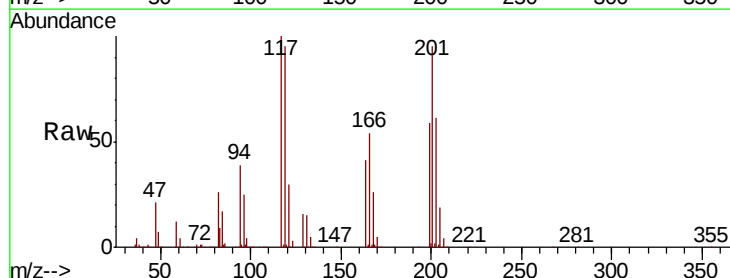
Tgt Ion:117 Resp: 544171

Ion Ratio Lower Upper

117 100

119 95.0 77.9 116.9

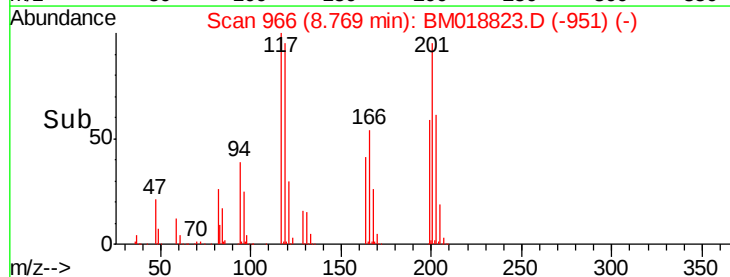
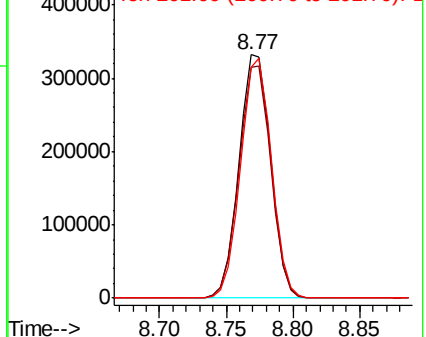
201 95.0 79.2 118.8

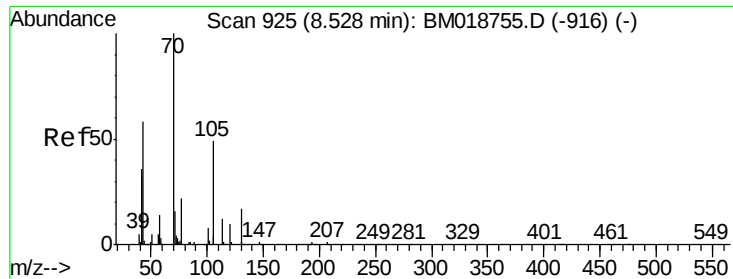


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





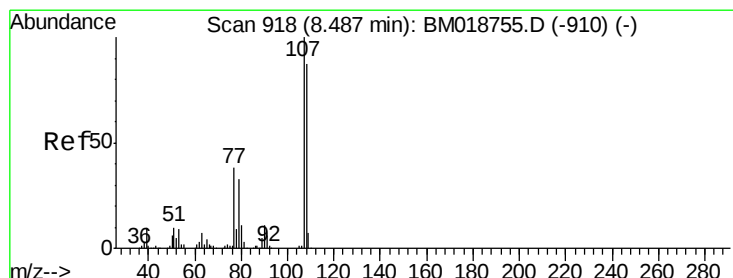
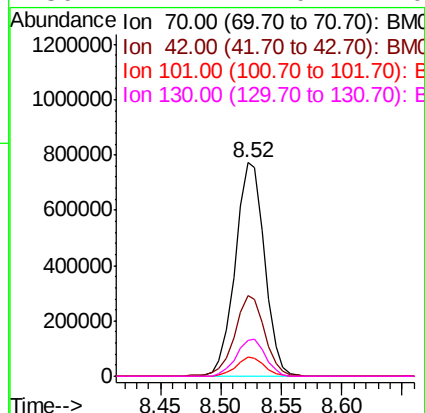
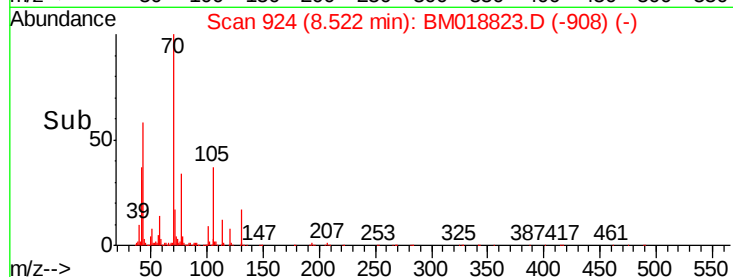
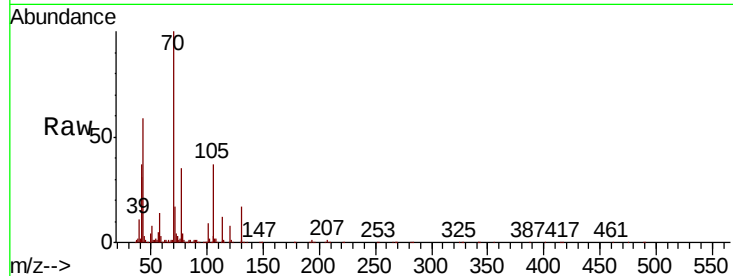
#19
n-Nitroso-di-n-propylamine
Concen: 59.235 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	37.5	29.4	44.0	
101	8.7	6.7	10.1	
130	17.1	14.0	21.0	

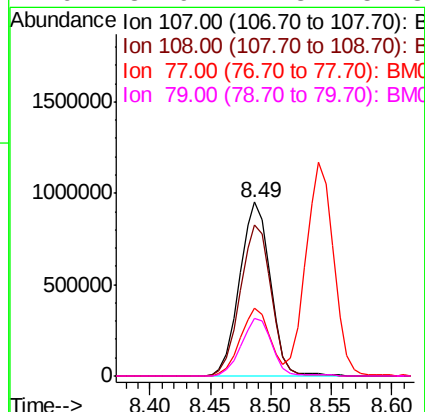
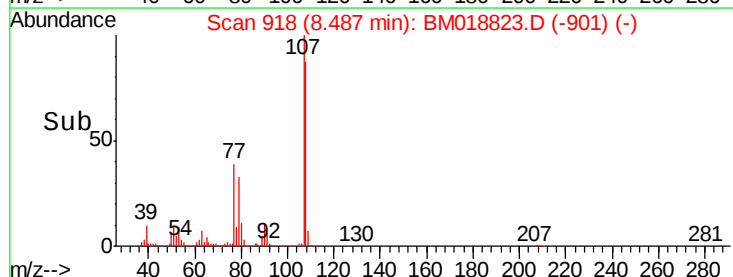
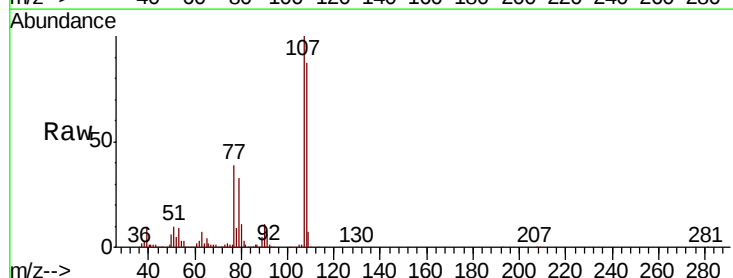
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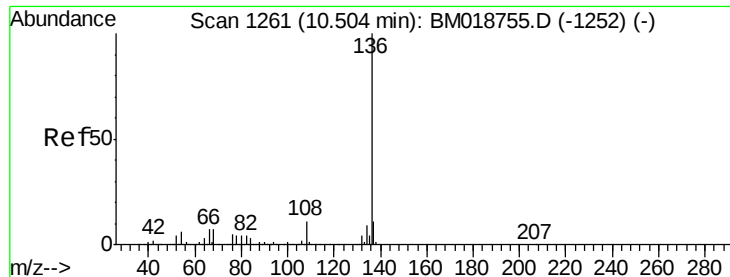
Sohil
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#20
3+4-Methylphenols
Concen: 64.075 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	67.3	107.3	
77	39.1	18.0	58.0	
79	32.9	12.8	52.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:136 Resp: 1354592

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

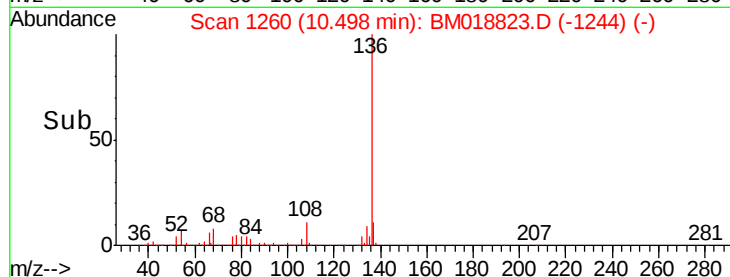
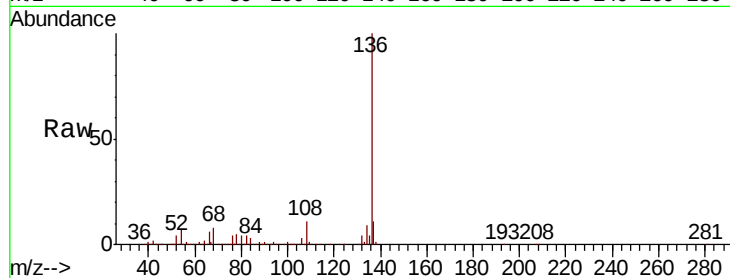
54 6.7 5.0 7.6

68 7.5 5.5 8.3

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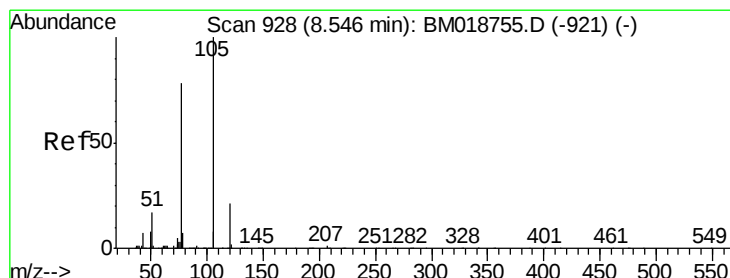
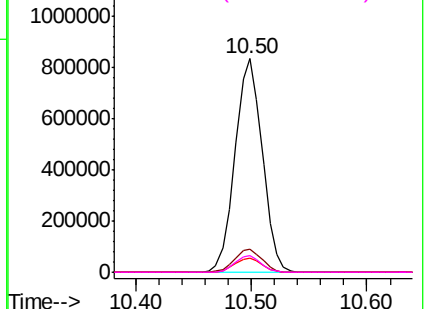


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 58.057 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:105 Resp: 2159696

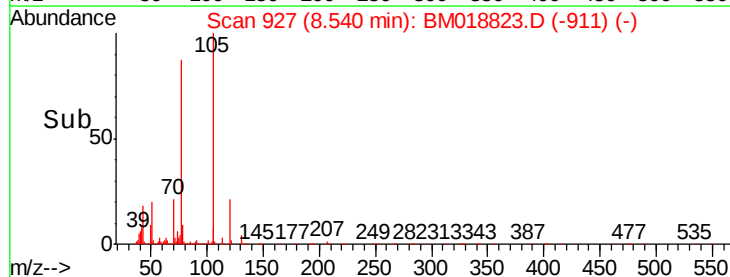
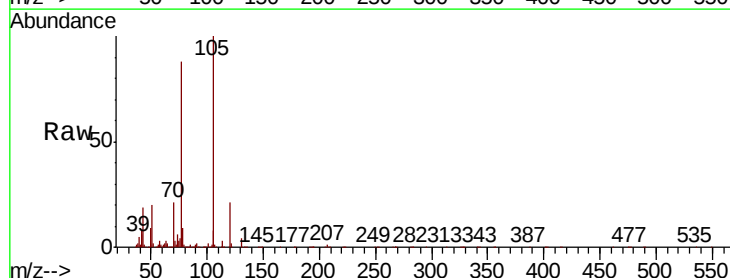
Ion Ratio Lower Upper

105 100

71 3.4 1.1 1.7#

51 19.9 15.5 23.3

120 20.5 17.0 25.4

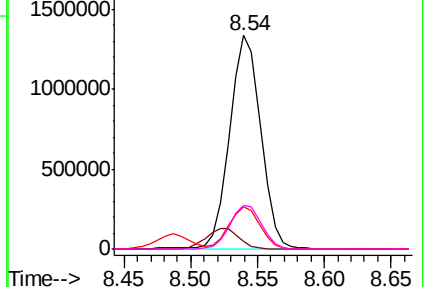


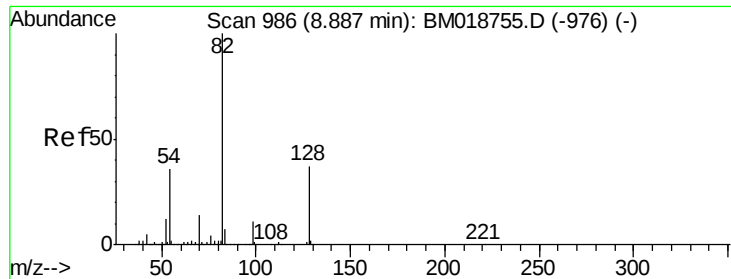
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





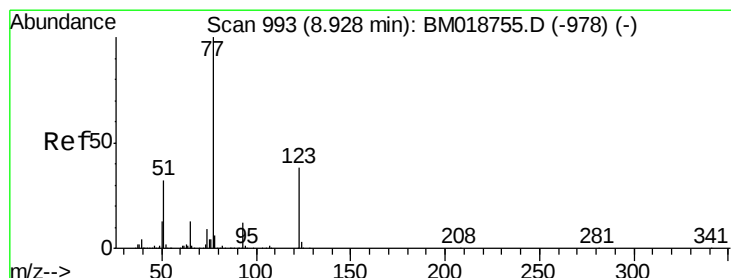
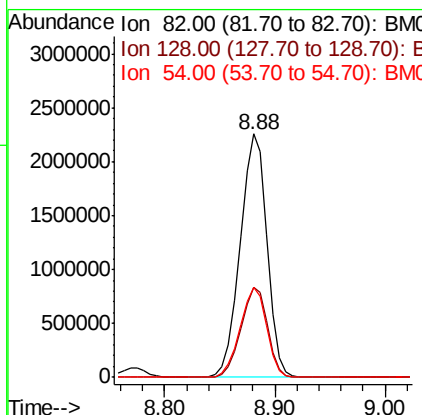
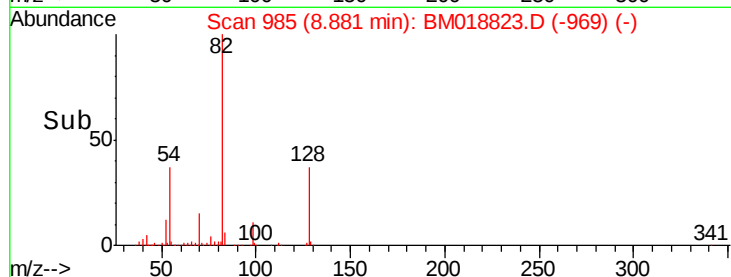
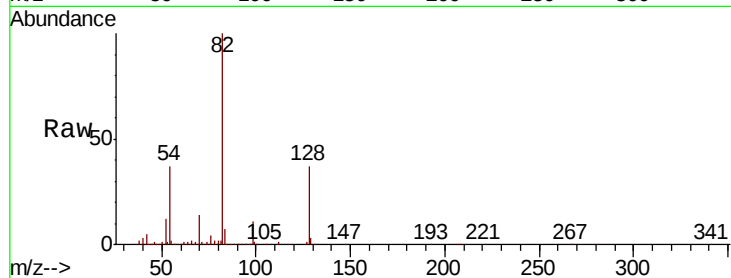
#23
 Nitrobenzene-d5
 Concen: 131.303 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	82	Resp	3846616
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.9	44.9
54	36.7	29.1	43.7

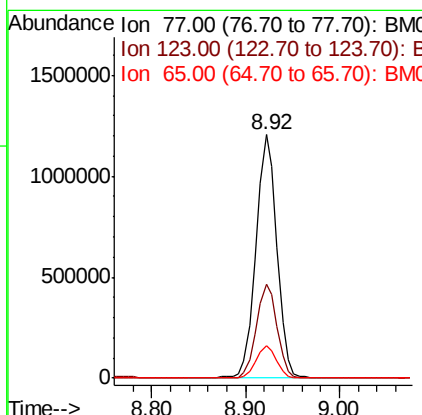
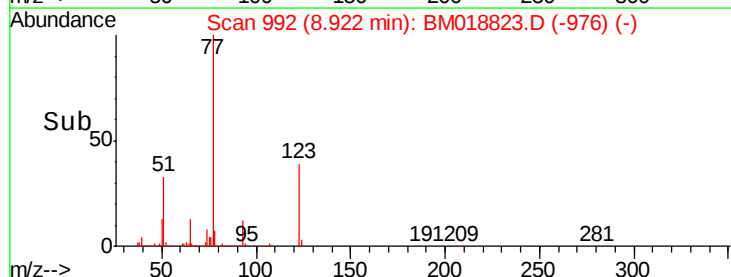
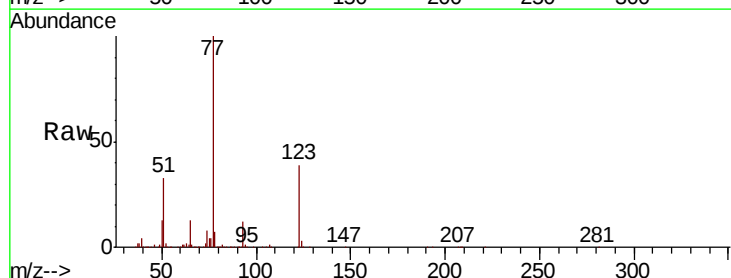
Manual Integrations
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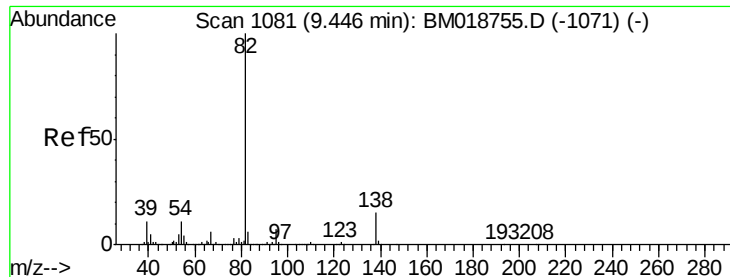
Sohil
 2/18/2019 12:09:26 PM



#24
 Nitrobenzene
 Concen: 61.031 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion	77	Resp	1855902
Ion	Ratio	Lower	Upper
77	100		
123	38.6	30.7	46.1
65	13.2	10.5	15.7





#25

Isophorone

Concen: 69.849 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleID :

CH-021419MSD

Tot Ion: 82 Resp: 3265029

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

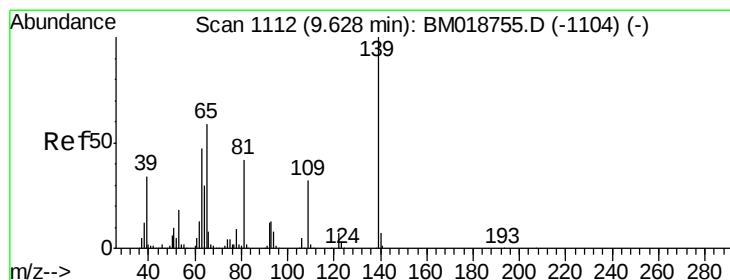
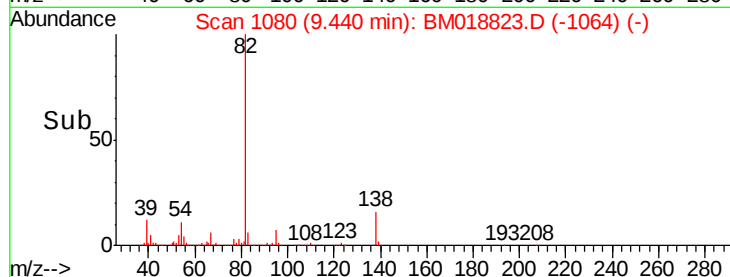
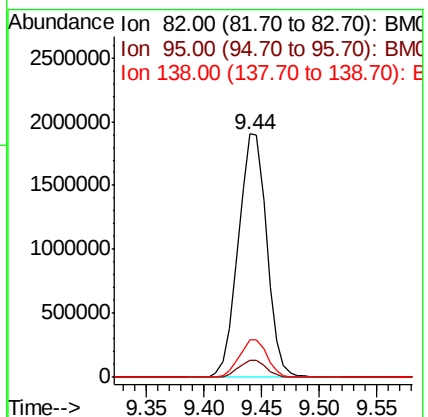
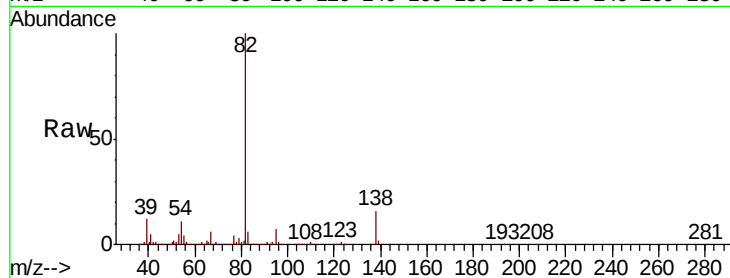
138 15.5 12.3 18.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 64.083 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

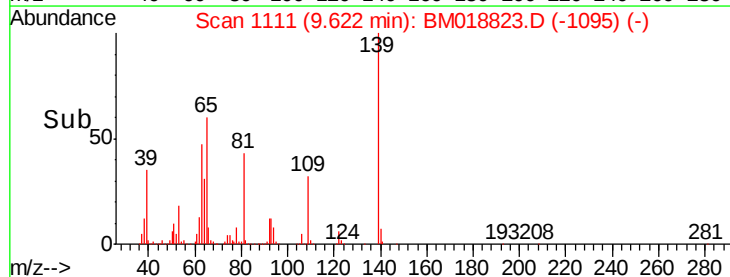
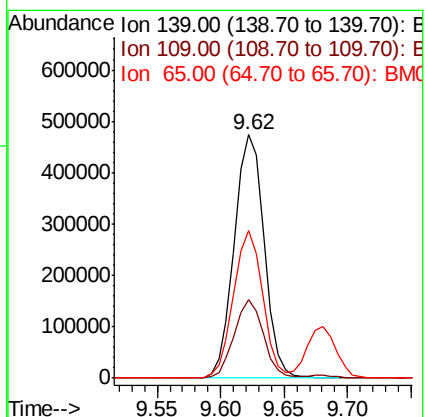
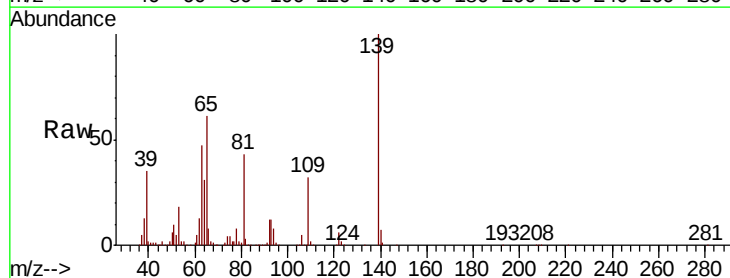
Tgt Ion: 139 Resp: 776045

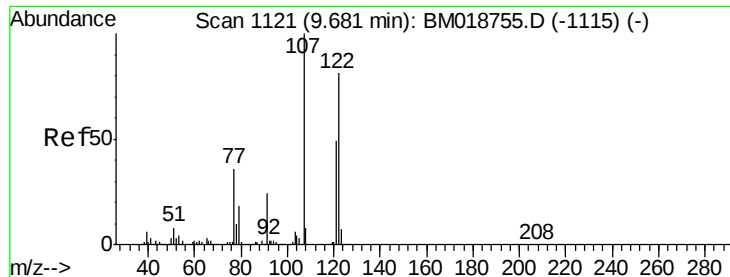
Ion Ratio Lower Upper

139 100

109 32.0 25.2 37.8

65 60.5 47.0 70.4





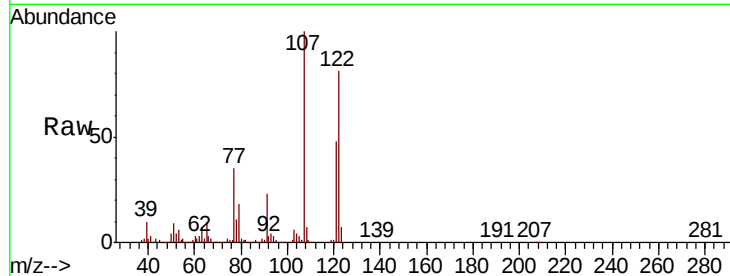
#27
2,4-Dimethylphenol
Concen: 73.551 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	97.6	146.4
121	59.8	47.9	71.9

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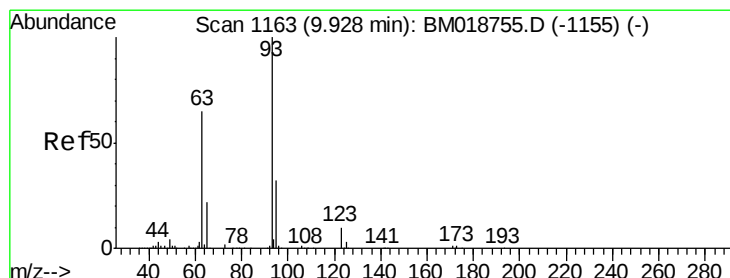
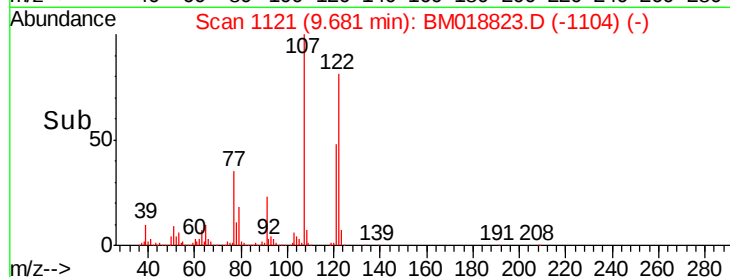
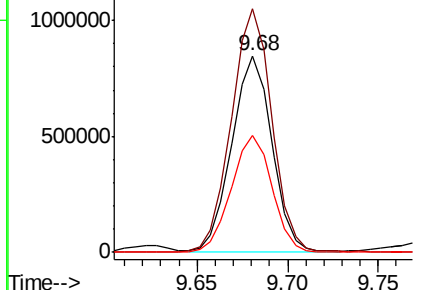


Abundance

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: 63.234 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

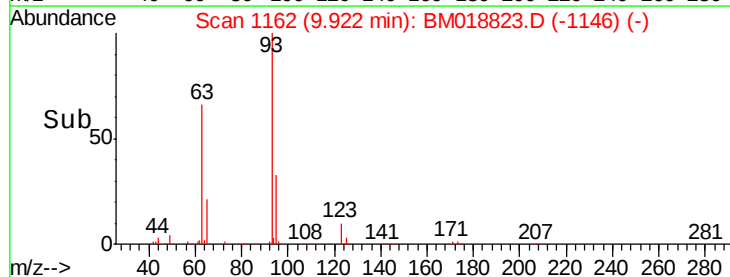
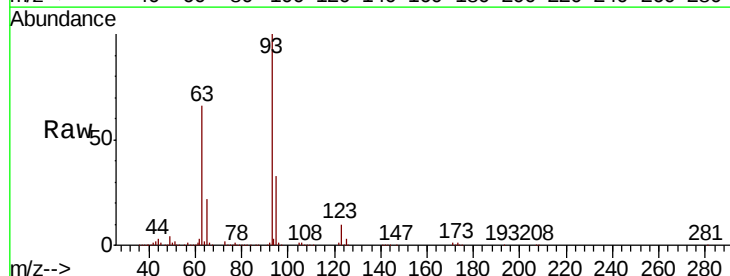
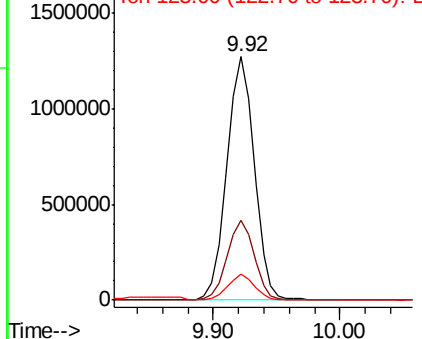
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.6	38.4
123	10.5	8.2	12.4

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





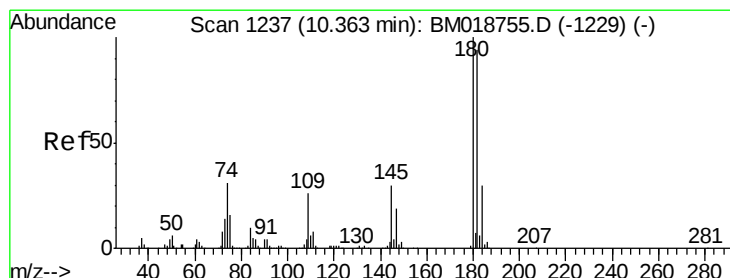
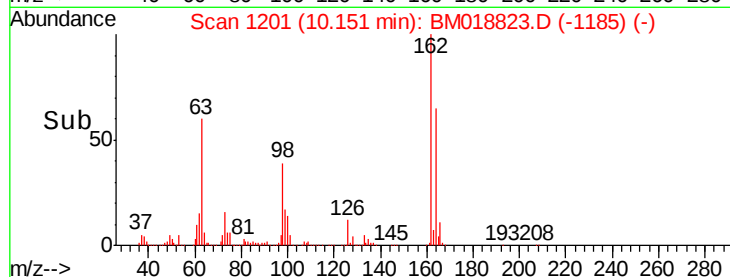
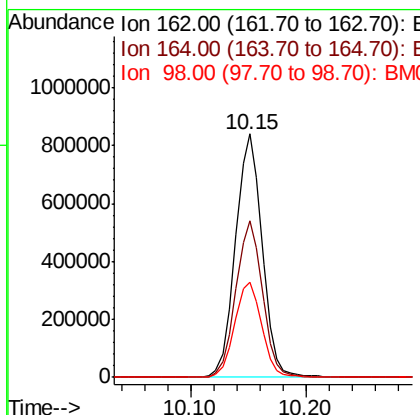
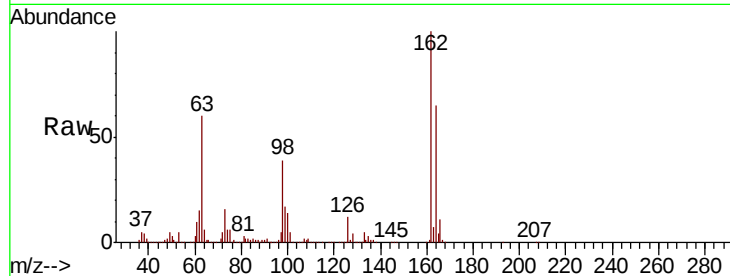
#29
2,4-Dichlorophenol
Concen: 66.162 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ion	Ratio	Lower	Upper
162	100			
164	64.6	44.1	84.1	
98	39.1	19.4	59.4	

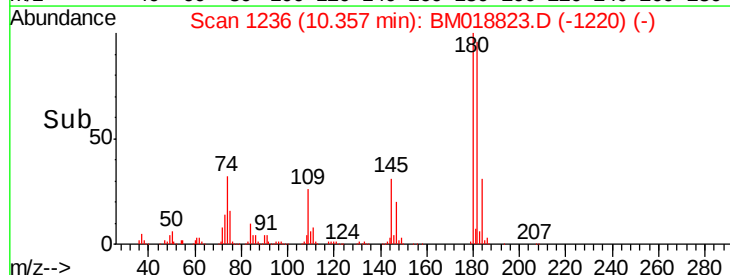
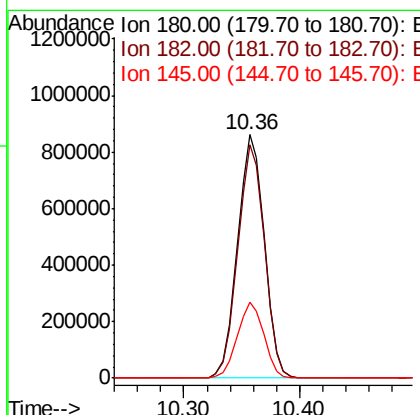
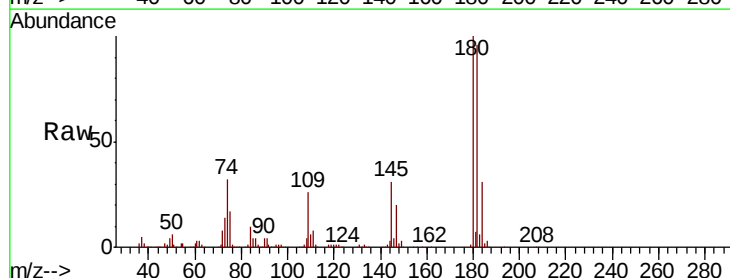
Manual Integrations
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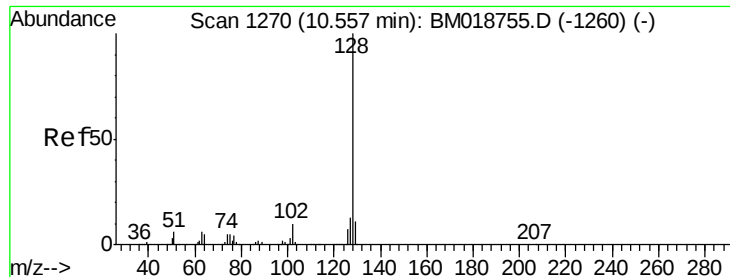
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#30
1,2,4-Trichlorobenzene
Concen: 58.816 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
180	100			
182	95.7	75.0	112.6	
145	31.1	24.1	36.1	





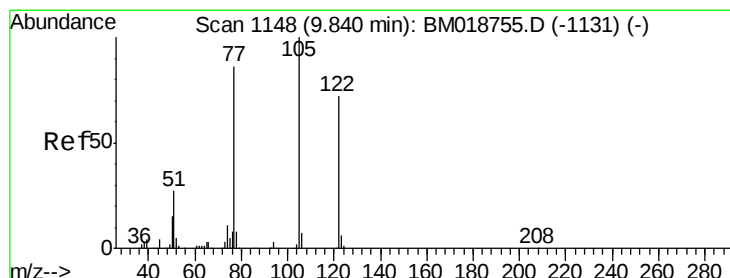
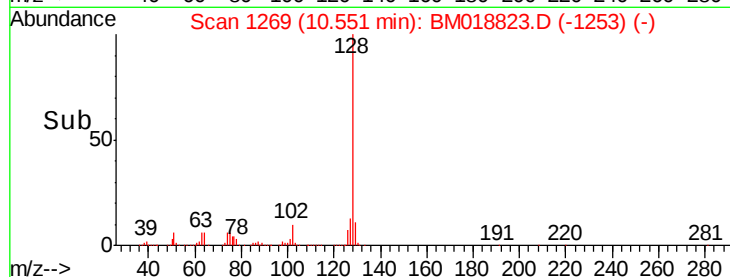
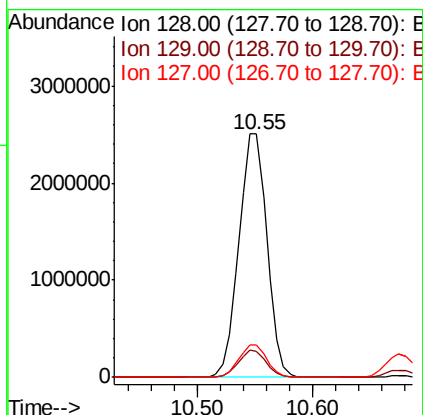
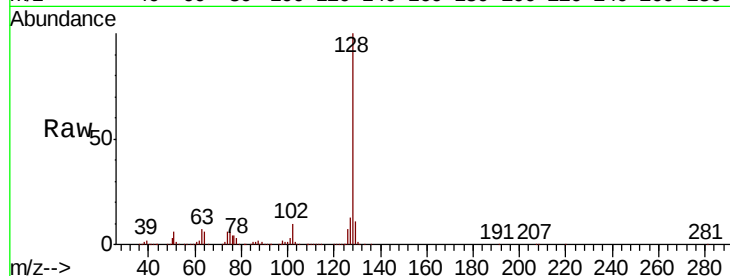
#31
Naphthalene
Concen: 64.086 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	13.4	10.7	16.1

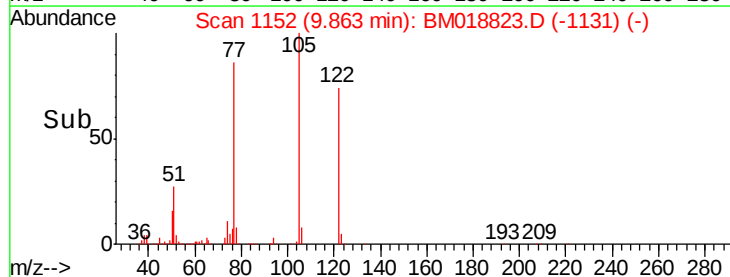
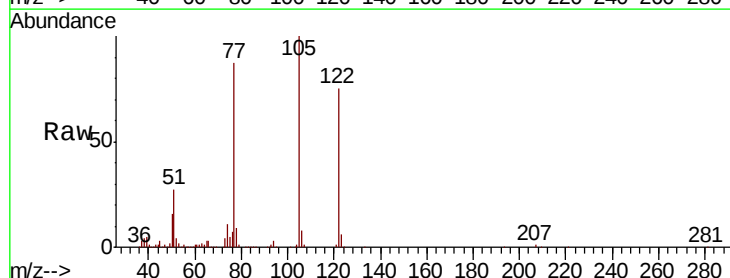
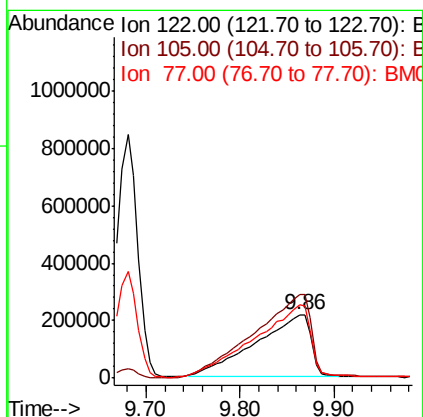
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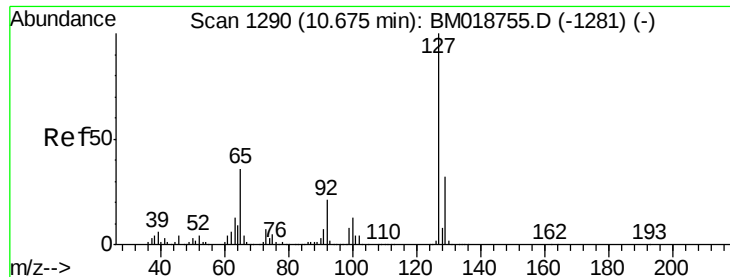
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#32
Benzoic acid
Concen: 55.676 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.02 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	117.5	157.5
77	116.2	98.5	138.5





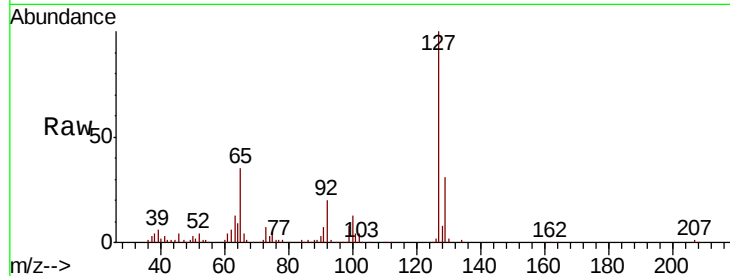
#33
4-Chloroaniline
Concen: 15.069 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	34.7	28.7	43.1
92	19.7	17.0	25.4

Manual Integrations
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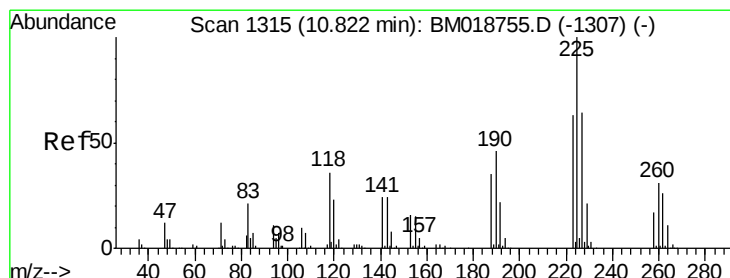
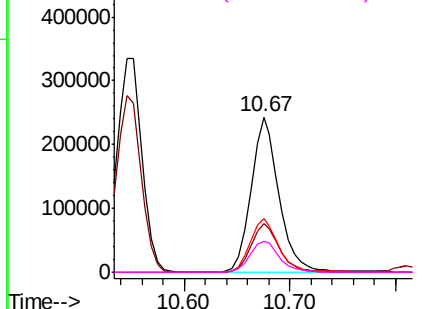
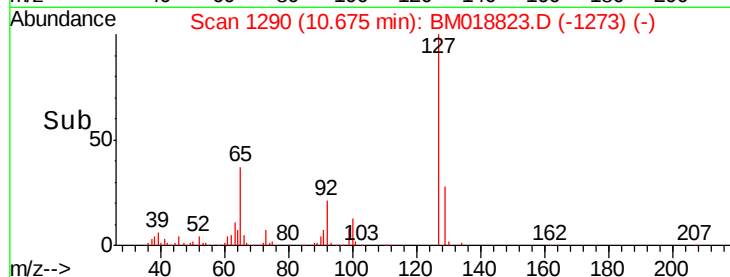
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

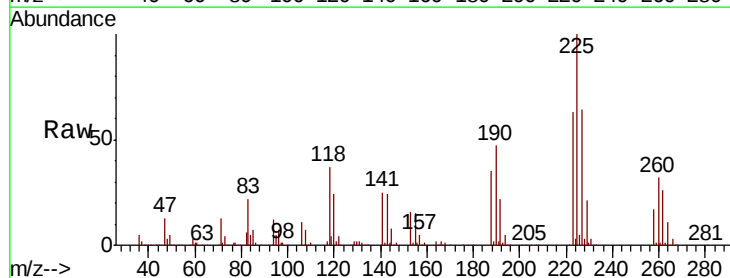
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 55.400 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.1	75.1
227	64.4	51.4	77.0

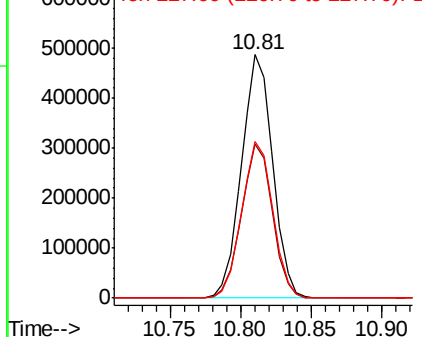
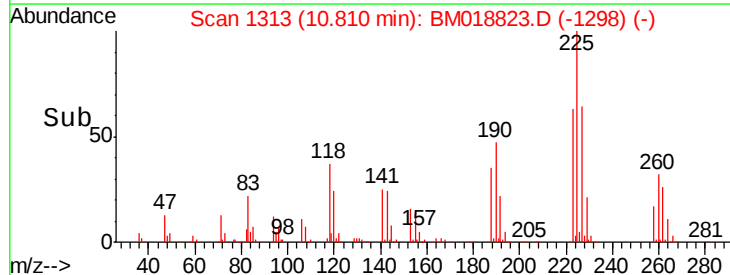


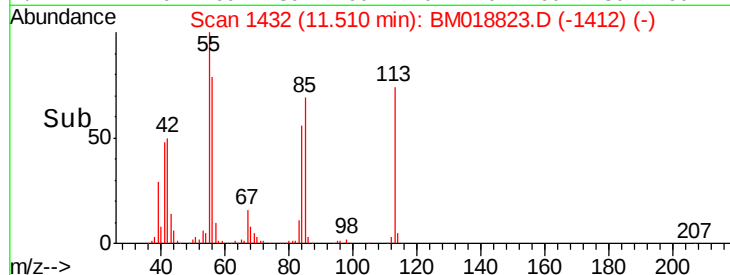
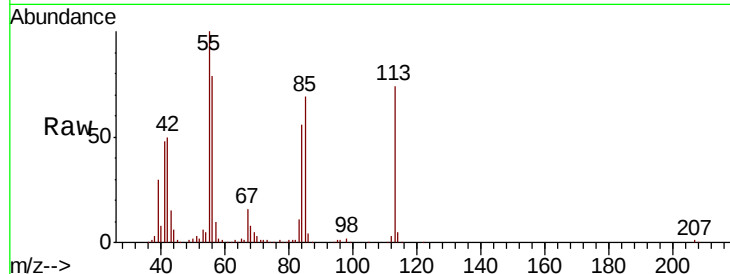
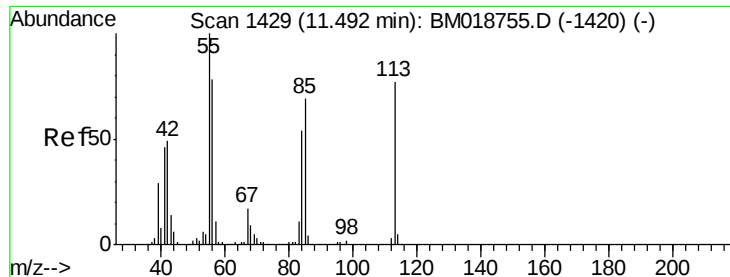
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





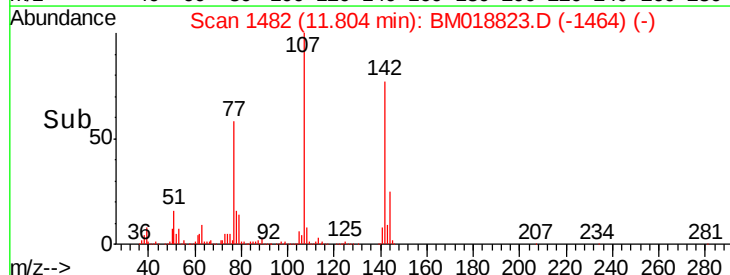
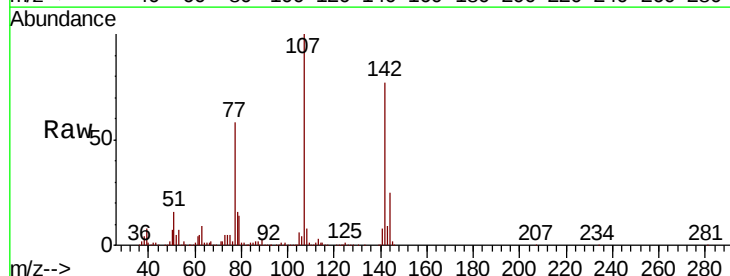
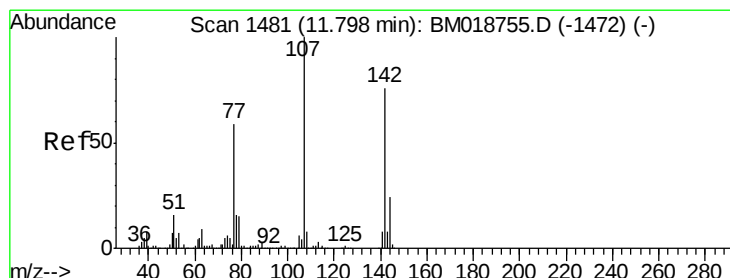
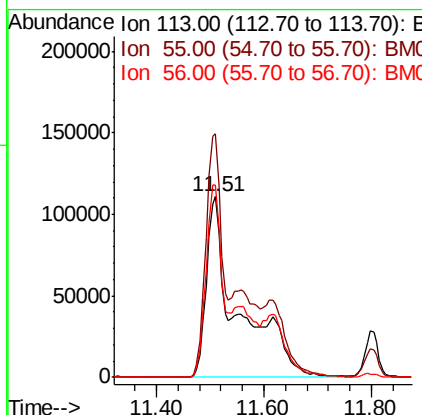
#35
Caprolactam
Concen: 54.461 ng/ml
RT: 11.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.7	110.7	150.7
56	106.3	82.4	122.4

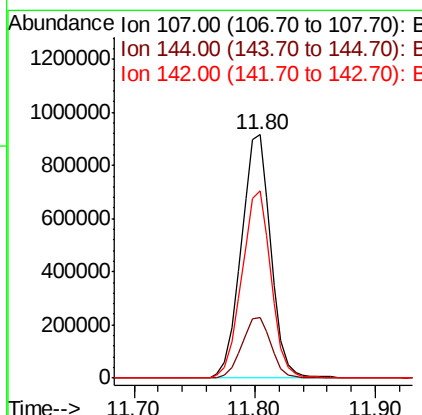
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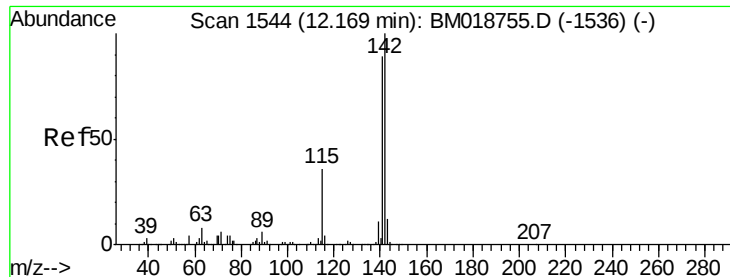
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#36
4-Chloro-3-methylphenol
Concen: 63.985 ng/ml
RT: 11.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.3	28.9
142	77.1	60.5	90.7





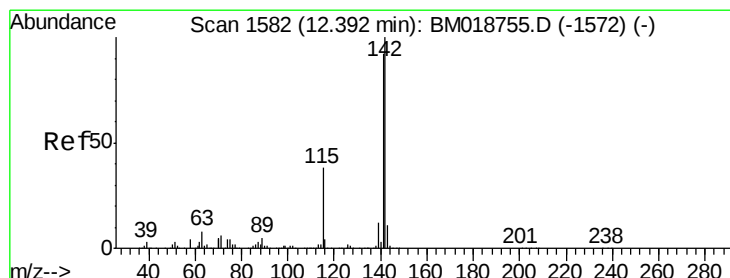
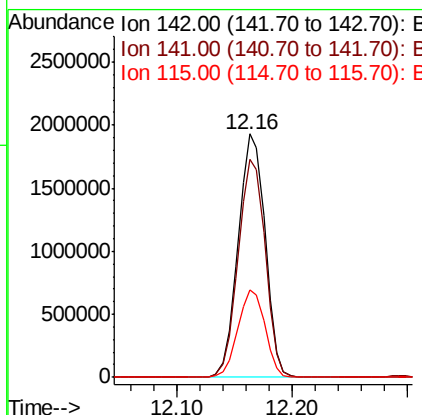
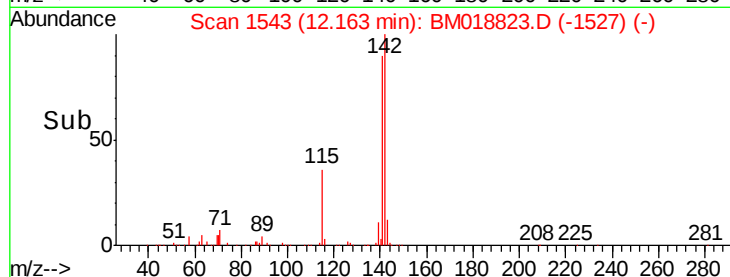
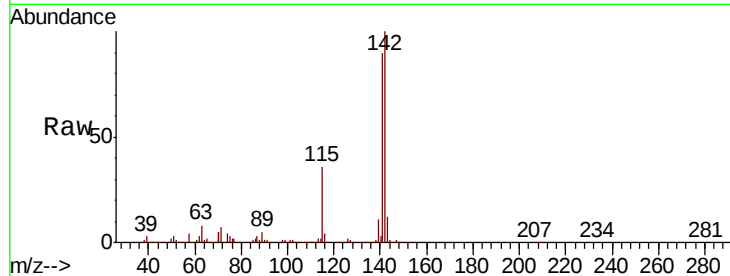
#37
2-Methylnaphthalene
Concen: 67.167 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	36.0	29.1	43.7

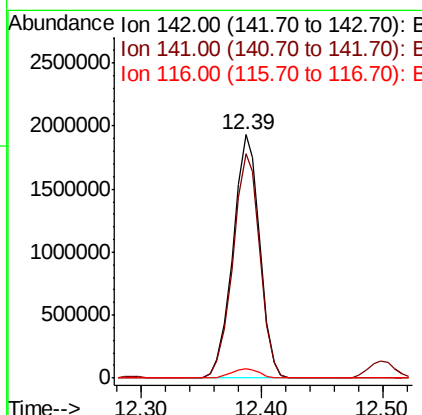
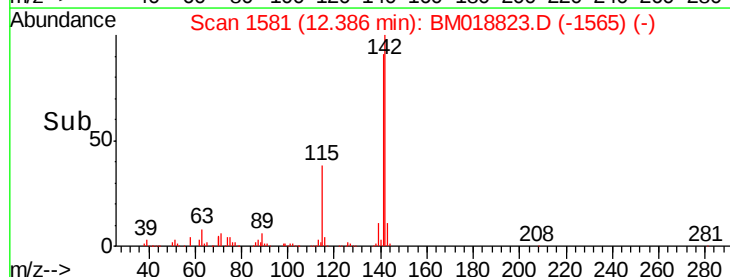
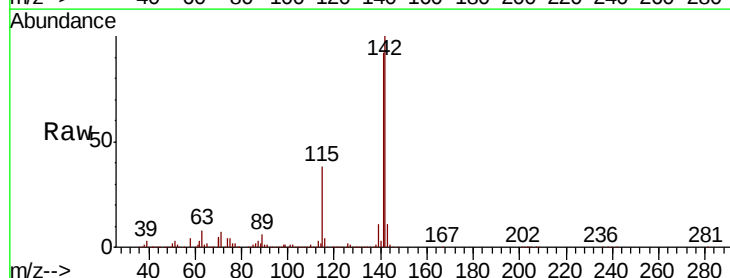
Manual Integrations
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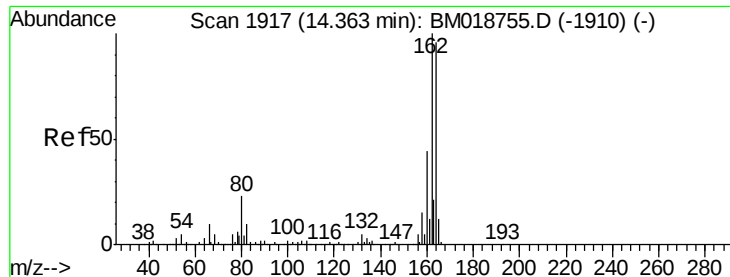
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#38
1-Methylnaphthalene
Concen: 65.404 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.9	110.9
116	3.8	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

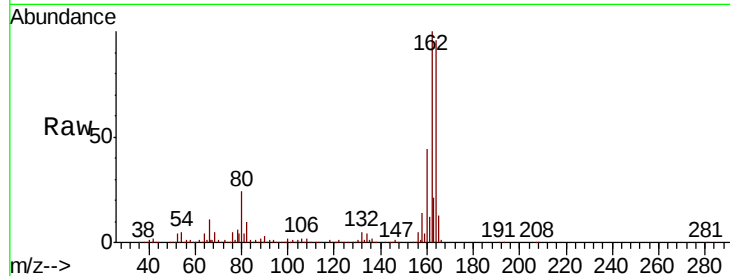
ClientSampleId :

CH-021419MSD

Tot Ion:	164	Resp:	765230
Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.4	125.0
160	46.2	36.6	55.0

Manual Integrations
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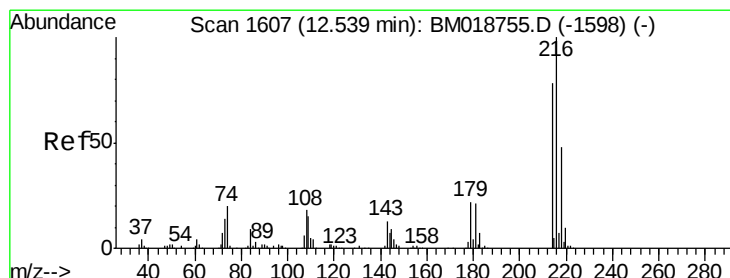
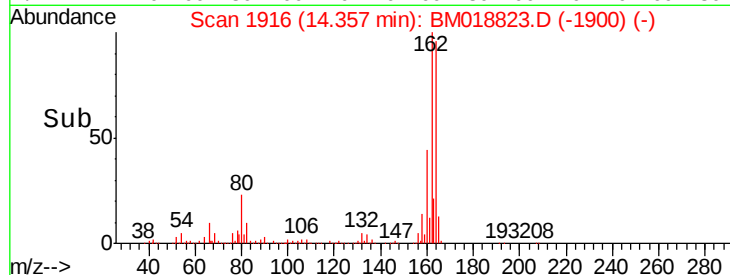
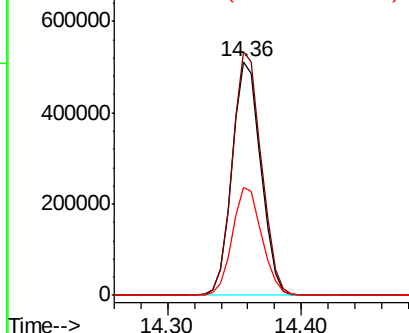


Abundance

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: 60.472 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:	216	Resp:	1480290
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	22.4	17.8	26.8
108	22.7	16.4	24.6

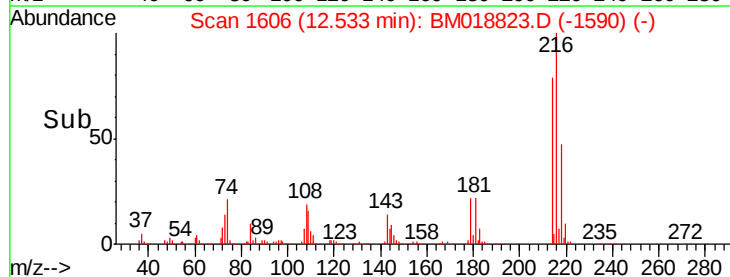
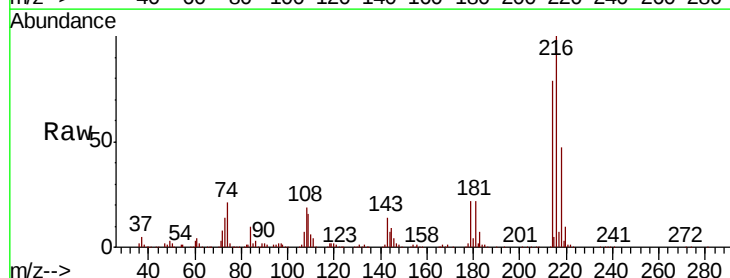
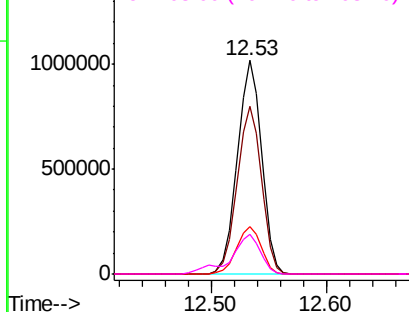
Abundance

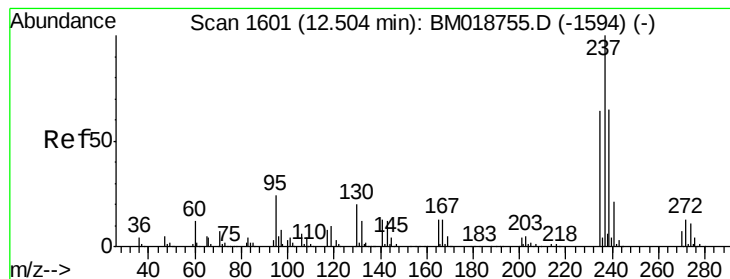
Ion 216.00 (215.70 to 216.70): E

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: 136.184 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:237 Resp: 1704395

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

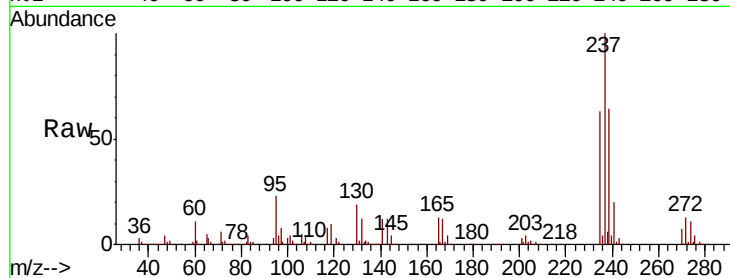
272 13.1 0.0 33.3

Manual Integrations

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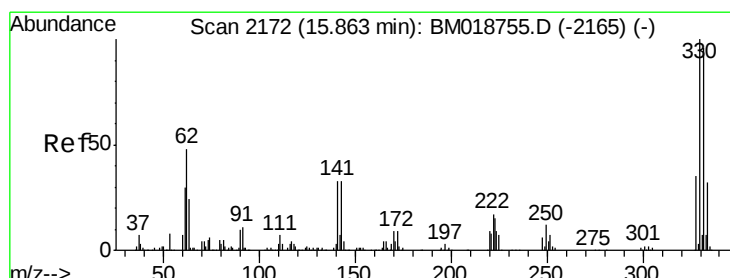
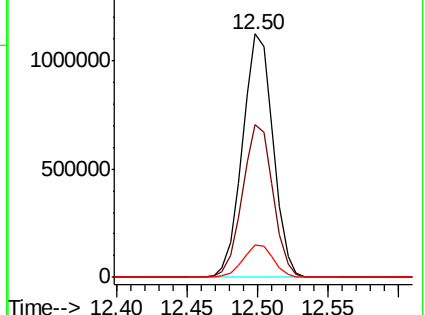
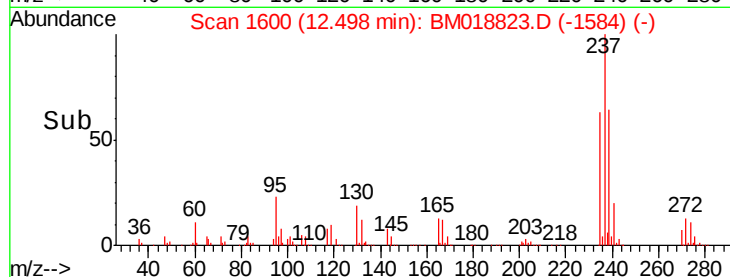
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 211.043 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

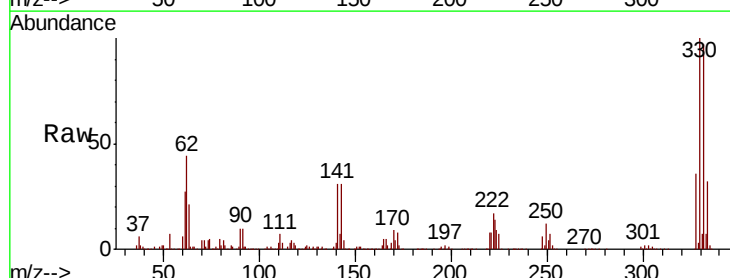
Tgt Ion:330 Resp: 2327932

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

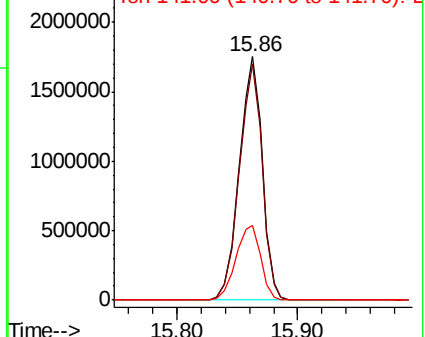
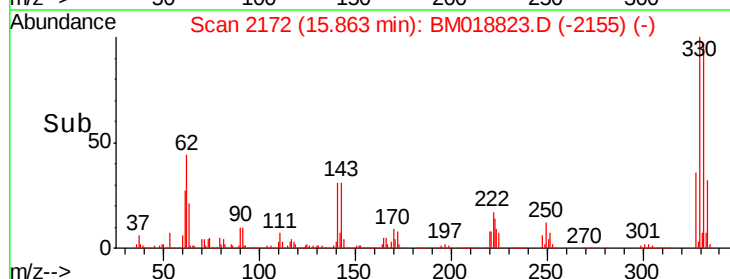
141 33.5 28.7 43.1



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: 66.652 ng

RT: 12.79 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampled :

CH-021419MSD

Tot Ion:196 Resp: 1080106

Ion Ratio Lower Upper

196 100

198 97.2 76.2 114.2

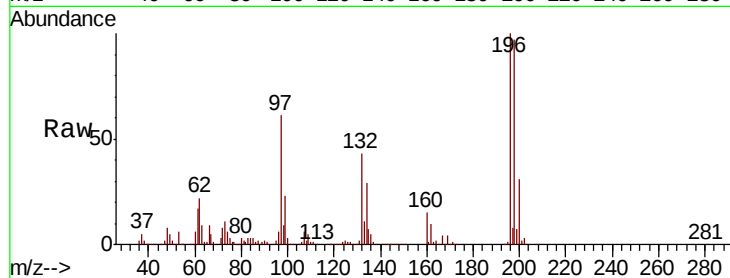
200 31.1 24.2 36.2

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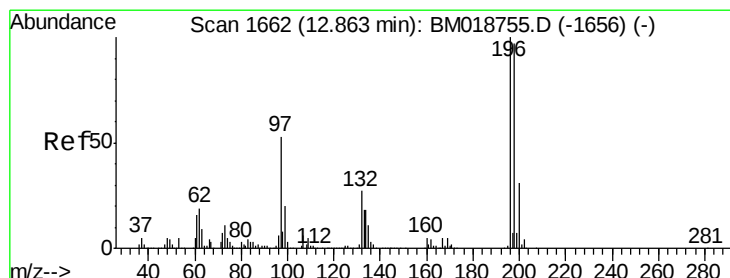
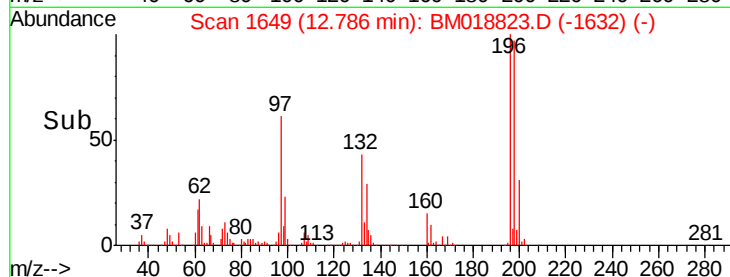
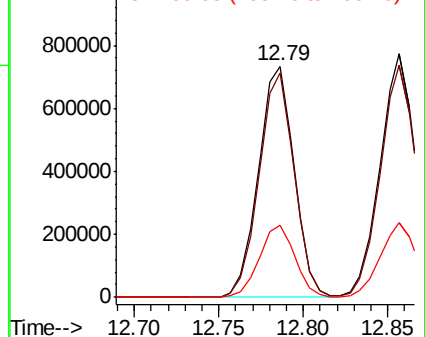


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 67.451 ng

RT: 12.86 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:196 Resp: 1145663

Ion Ratio Lower Upper

196 100

198 95.4 77.6 116.4

97 53.7 42.8 64.2

132 26.8 21.8 32.8

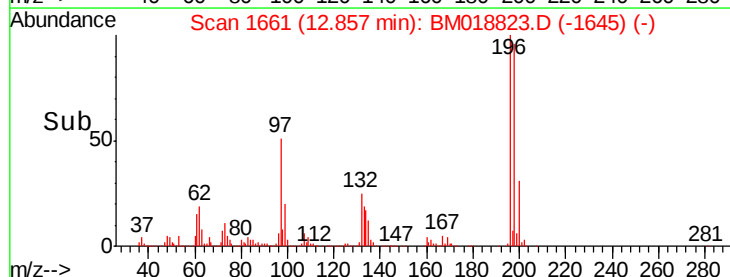
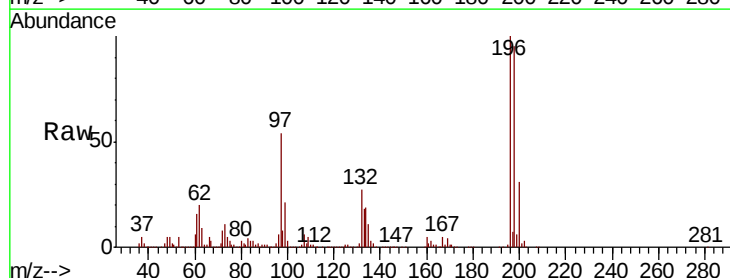
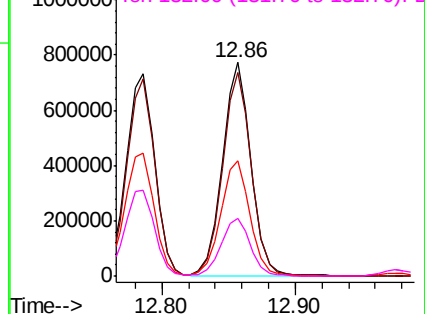
Abundance

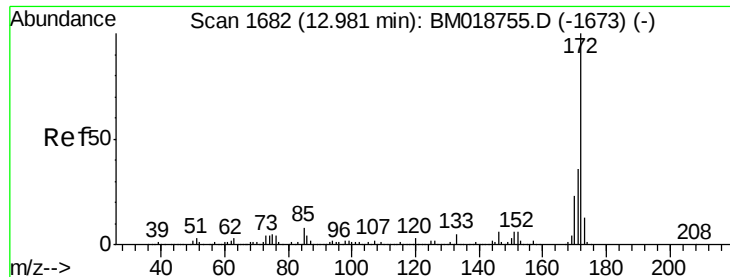
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





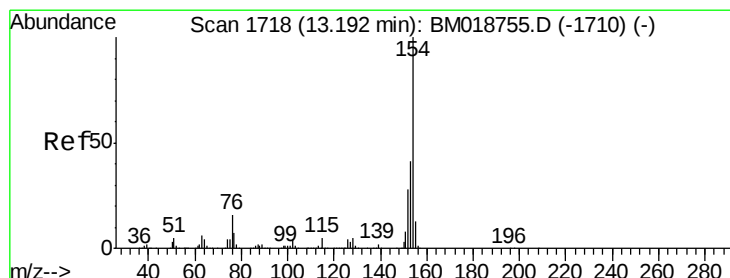
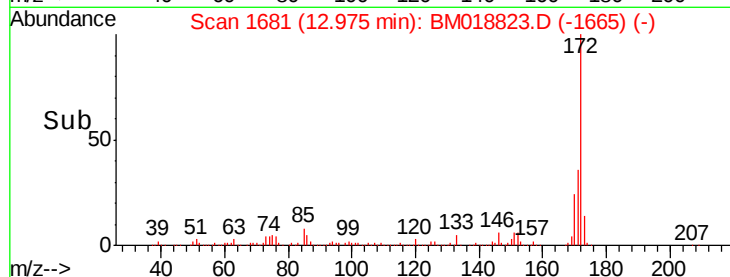
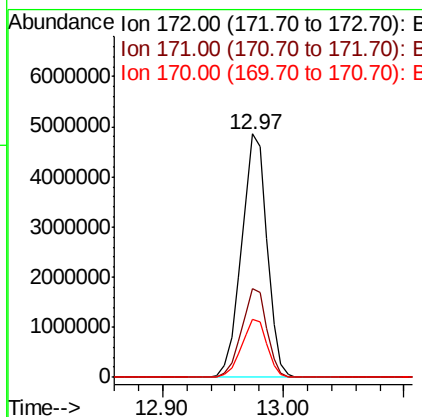
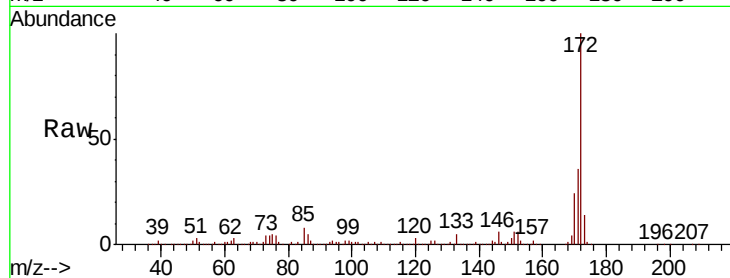
#45
2-Fluorobiphenyl
Concen: 123.991 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	23.8	18.6	28.0

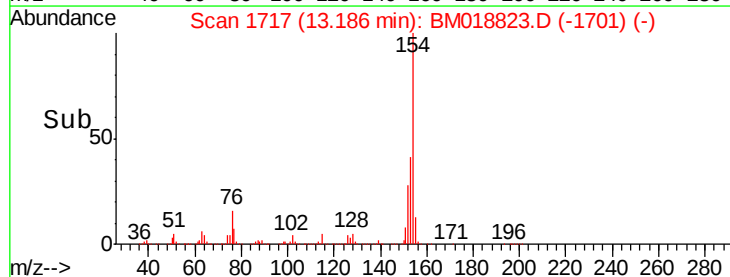
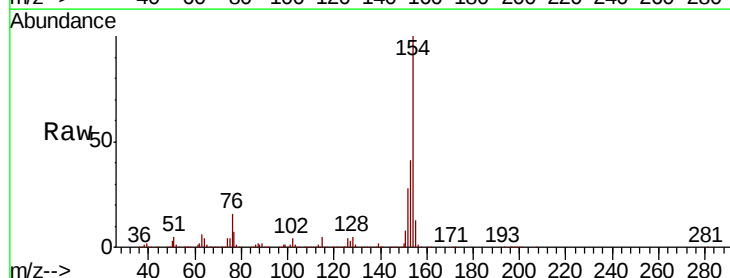
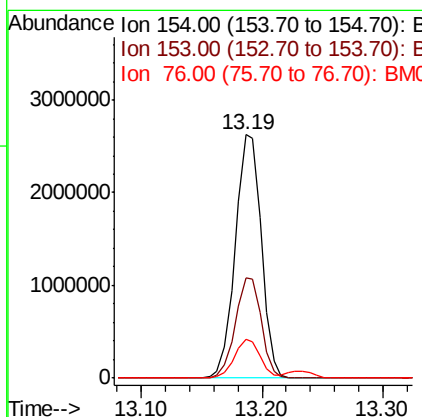
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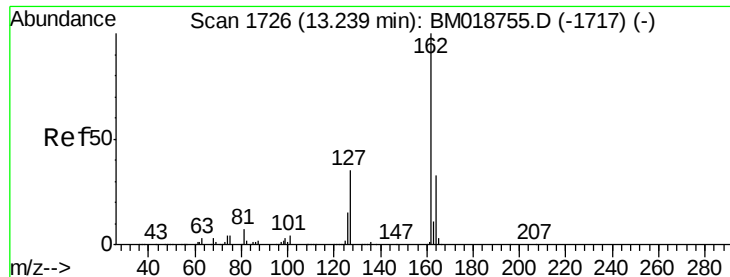
Sohil
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#46
1,1'-Biphenyl
Concen: 59.894 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	15.8	0.0	35.7





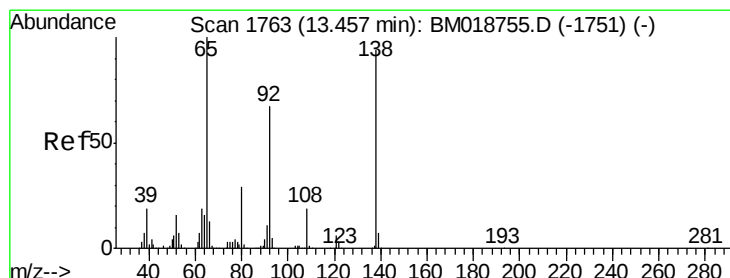
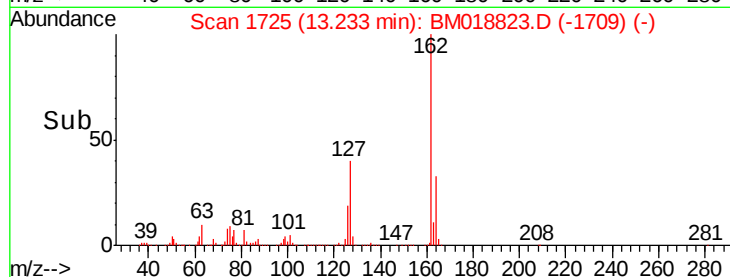
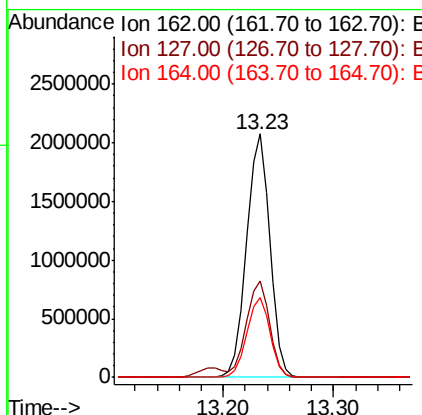
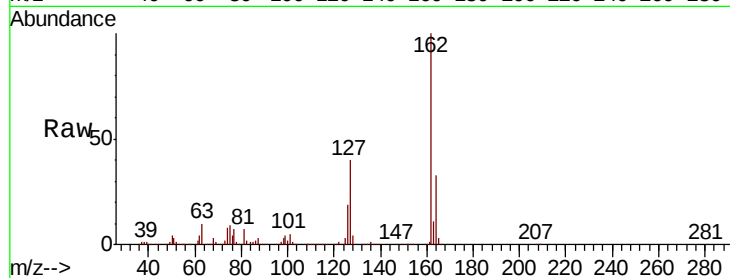
#47
2-Chloronaphthalene
Concen: 60.555 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.1	46.7
164	33.0	26.4	39.6

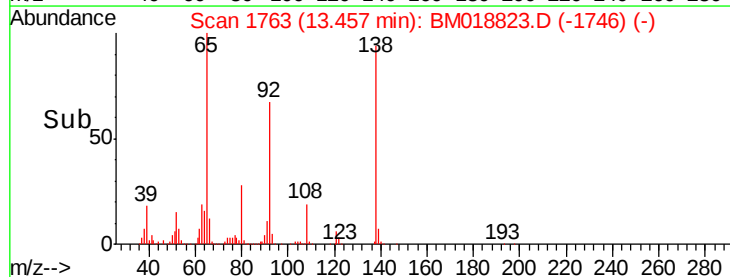
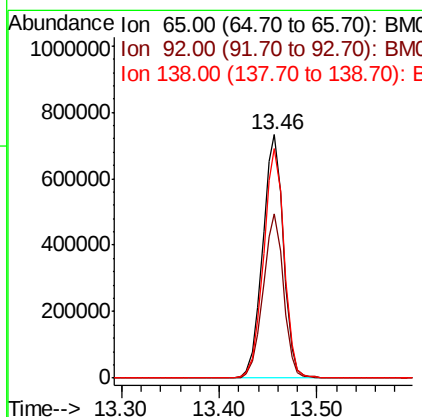
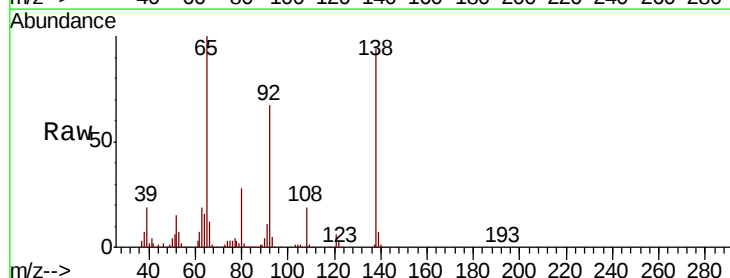
Manual Integrations
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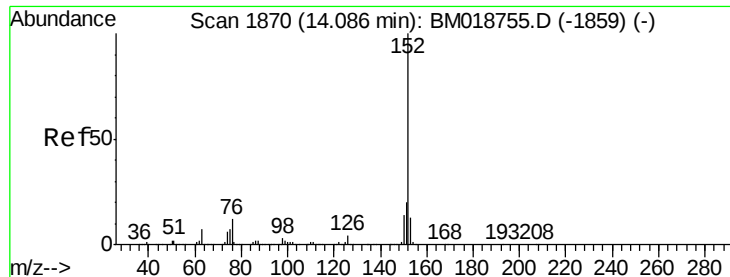
Sohil
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#48
2-Nitroaniline
Concen: 65.330 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.0	81.0
138	94.3	74.9	112.3





#49

Acenaphthylene

Concen: 66.280 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

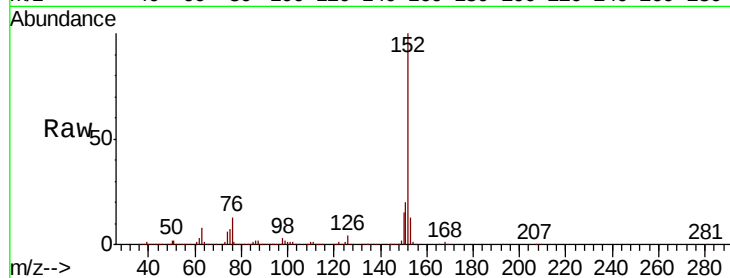
ClientSampleId :

CH-021419MSD

Tot Ion:	152	Resp:	5021101
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.4	10.5	15.7

Manual Integrations
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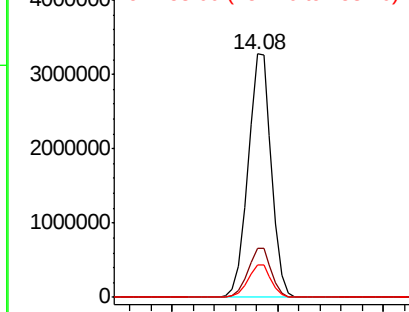


Abundance

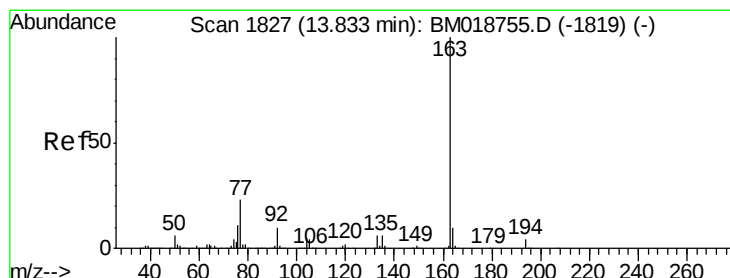
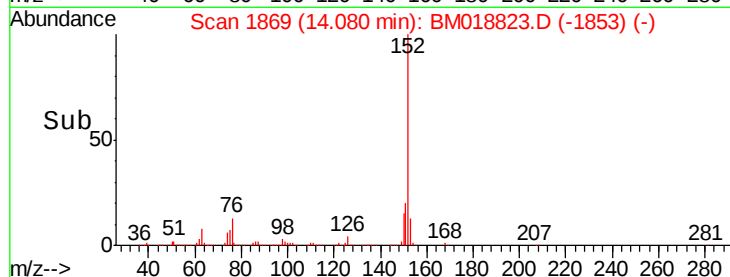
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 68.850 ng

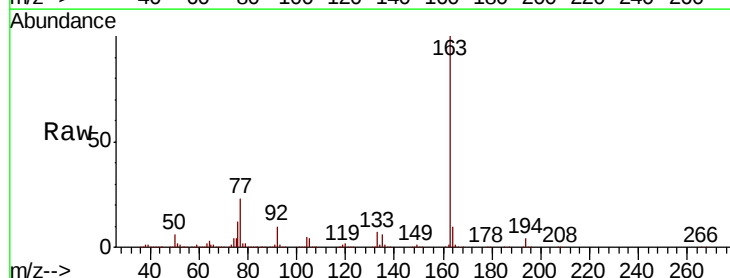
RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:	163	Resp:	4390875
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.1	7.8	11.8

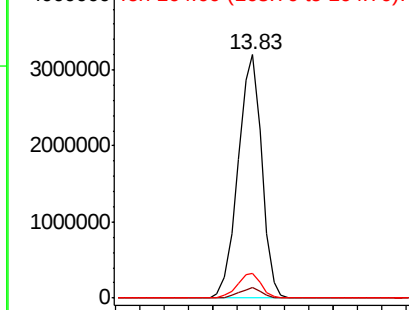


Abundance

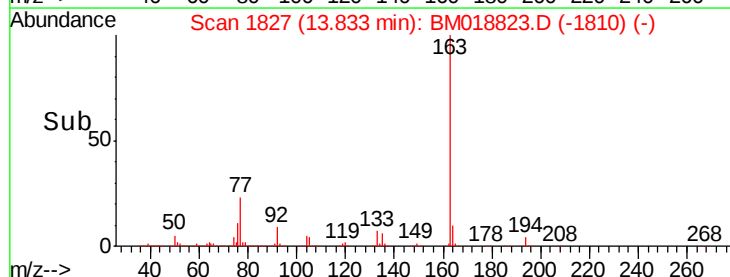
Ion 163.00 (162.70 to 163.70): E

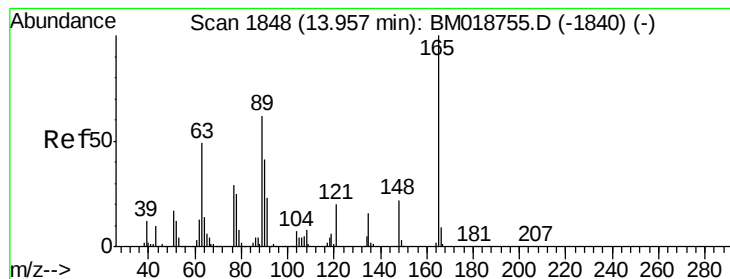
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 63.967 ng

RT: 13.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

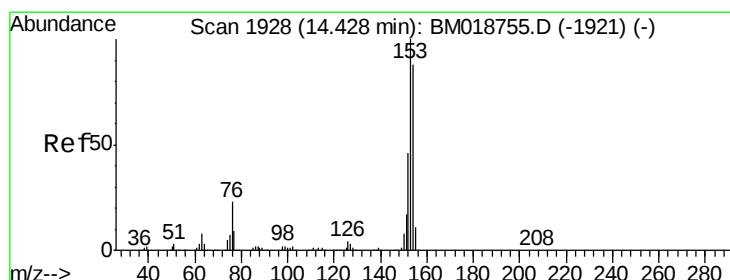
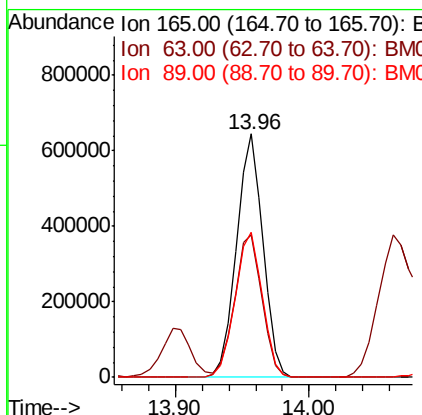
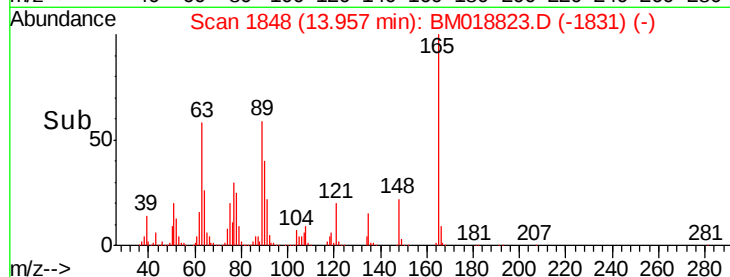
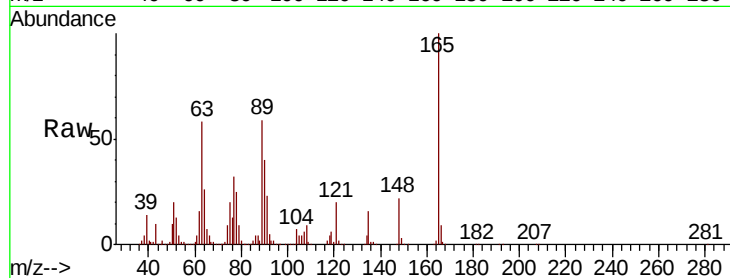
ClientSampleId :

CH-021419MSD

Tot Ion:	165	Resp:	883696
Ion Ratio	Lower	Upper	
165	100		
63	58.4	48.9	73.3
89	59.5	49.4	74.0

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#52

Acenaphthene

Concen: 62.544 ng

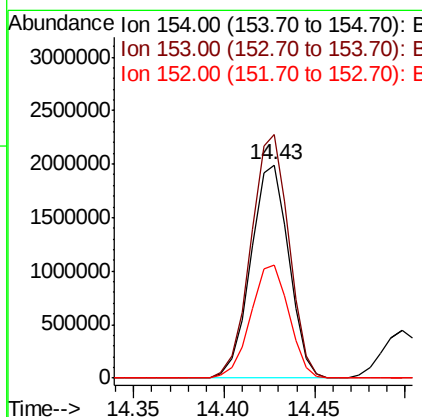
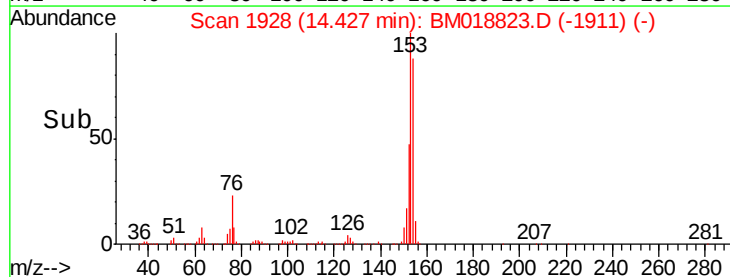
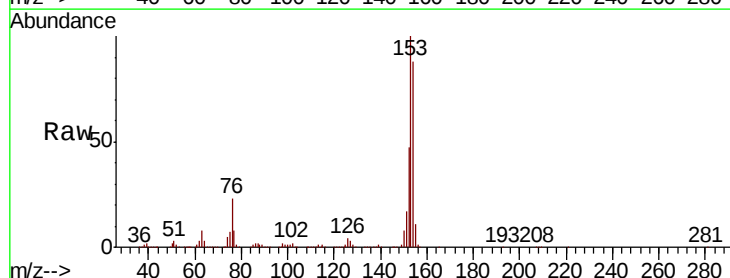
RT: 14.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:	154	Resp:	2905276
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.3	136.9
152	53.3	42.2	63.4





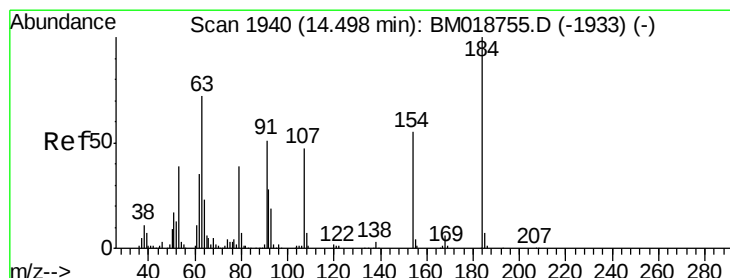
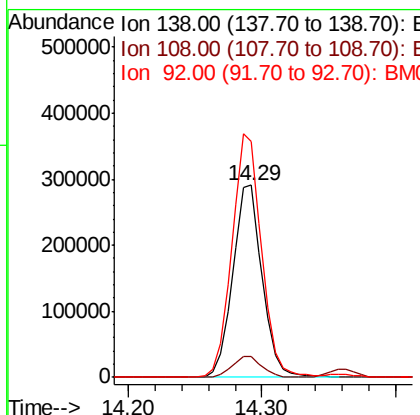
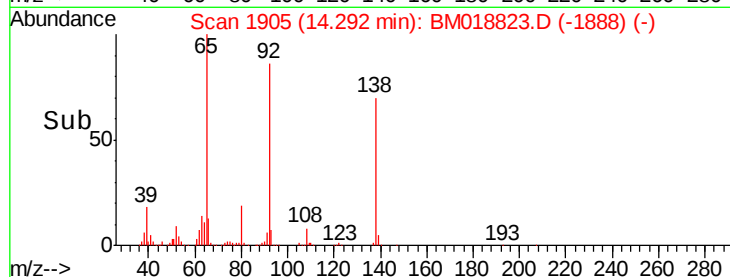
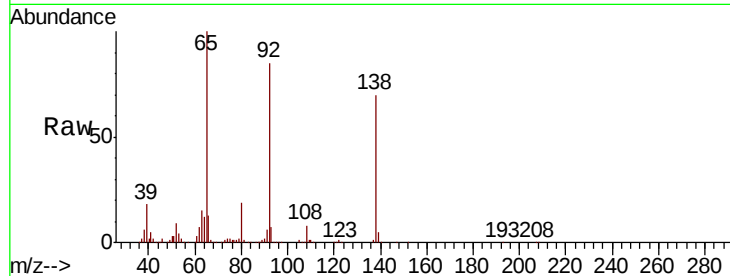
#53
3-Nitroaniline
Concen: 28.609 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	122.9	99.7	149.5

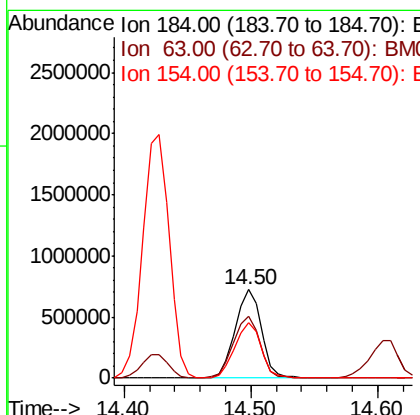
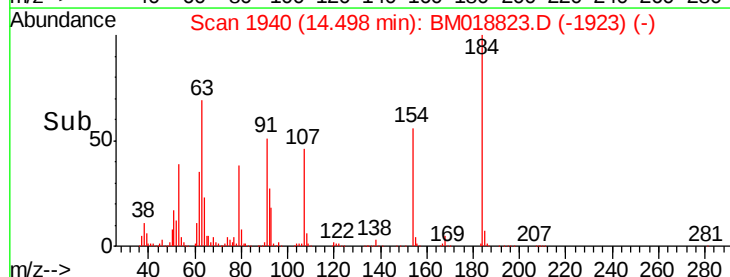
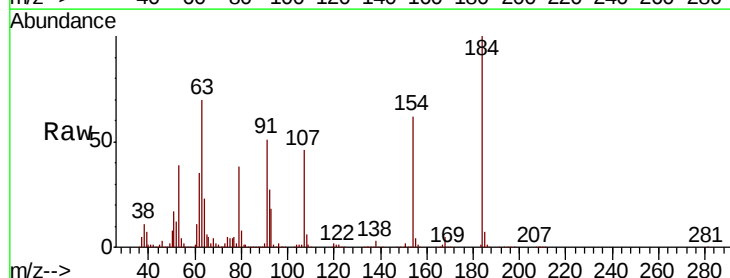
Manual Integrations
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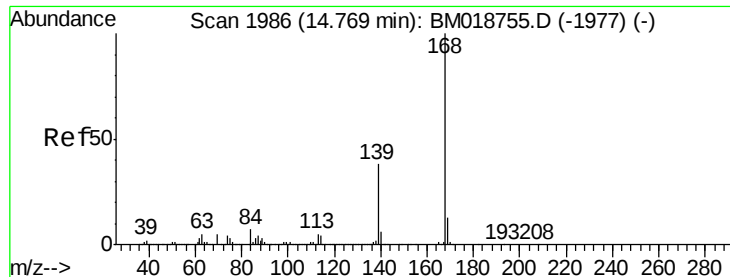
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#54
2,4-Dinitrophenol
Concen: 115.142 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.2	58.0	87.0
154	62.0	50.3	75.5





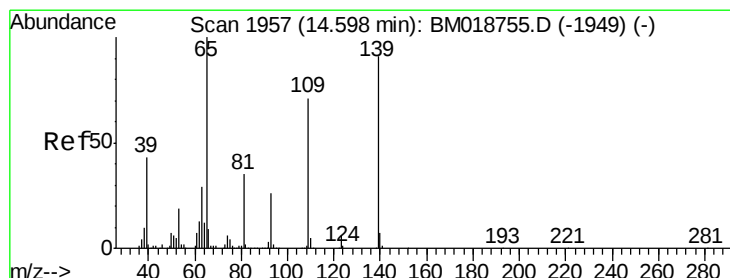
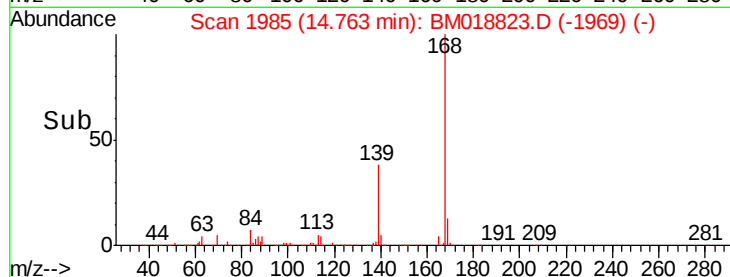
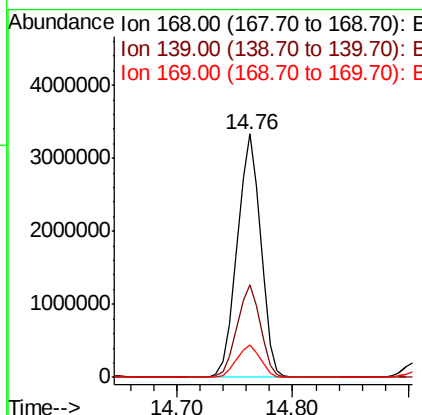
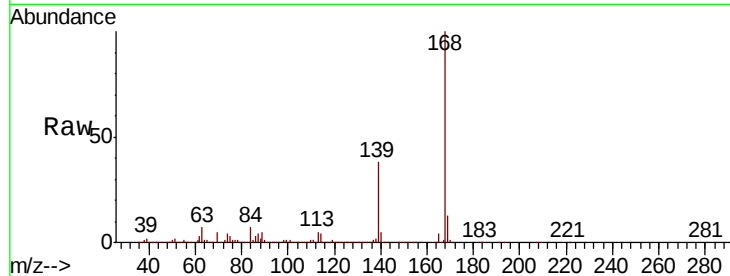
#55
Dibenzofuran
Concen: 61.441 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion:168 Resp: 4691020
Ion Ratio Lower Upper
168 100
139 38.0 30.7 46.1
169 13.4 10.3 15.5

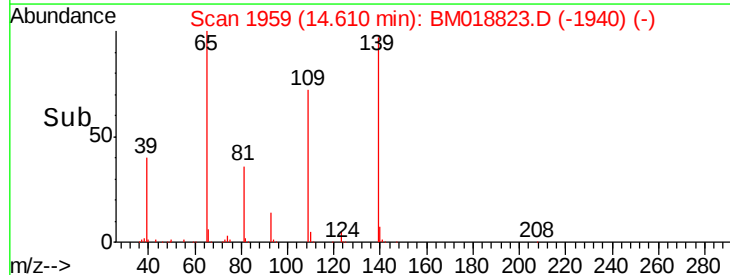
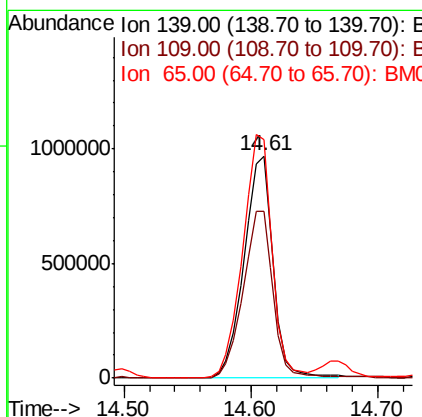
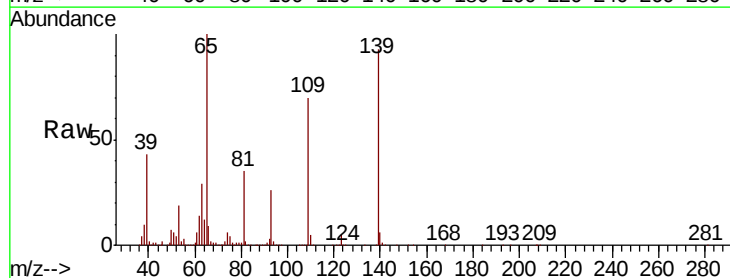
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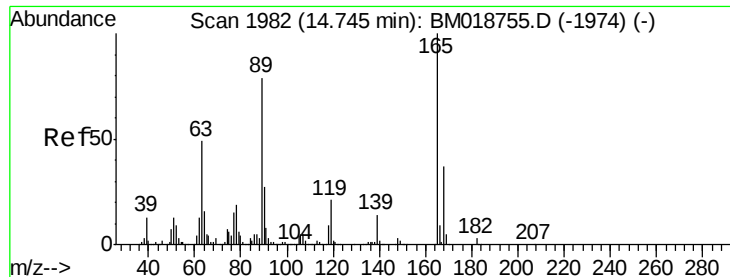
Sohil
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#56
4-Nitrophenol
Concen: 124.874 ng
RT: 14.61 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:139 Resp: 1556008
Ion Ratio Lower Upper
139 100
109 75.3 58.4 98.4
65 107.3 89.8 129.8





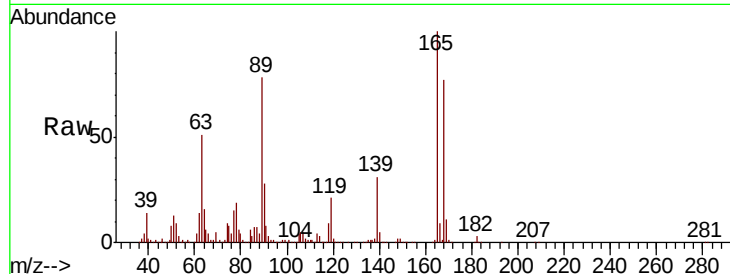
#57
2,4-Dinitrotoluene
Concen: 66.207 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	39.6	59.4
89	77.9	63.5	95.3
182	2.7	2.2	3.4

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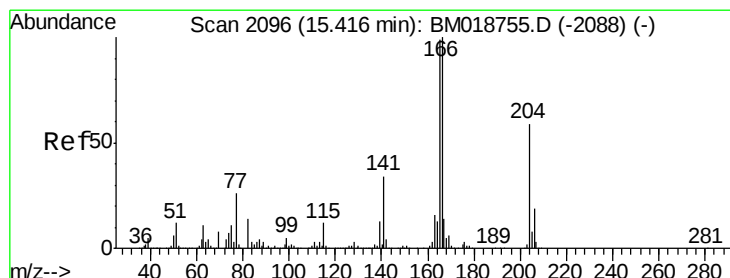
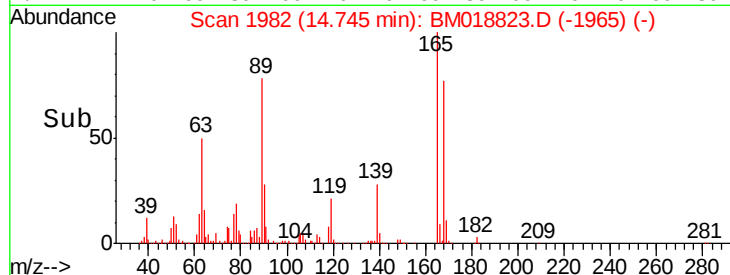
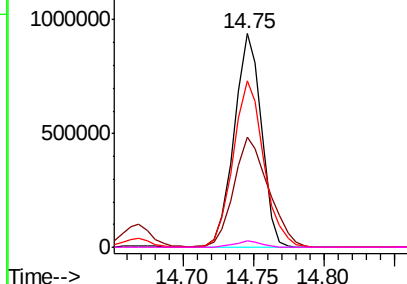
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 66.114 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

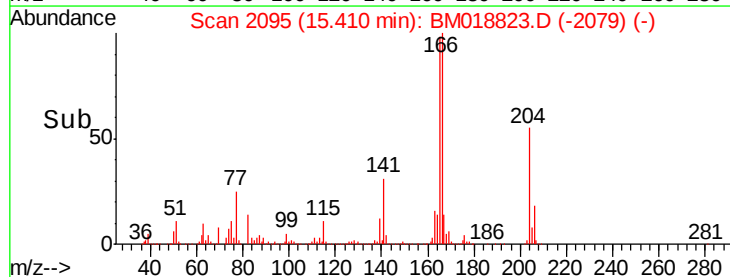
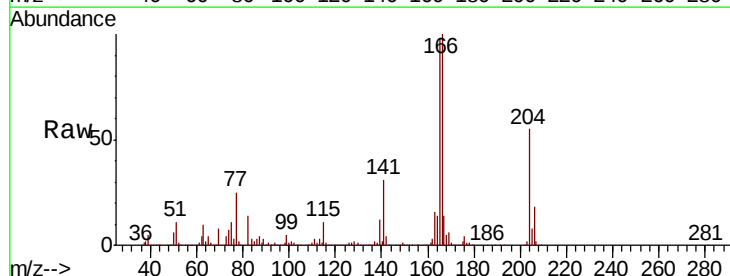
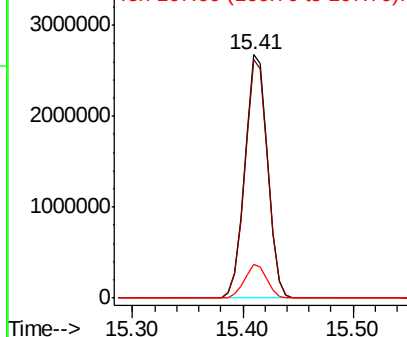
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.1	118.7
167	13.6	11.0	16.4

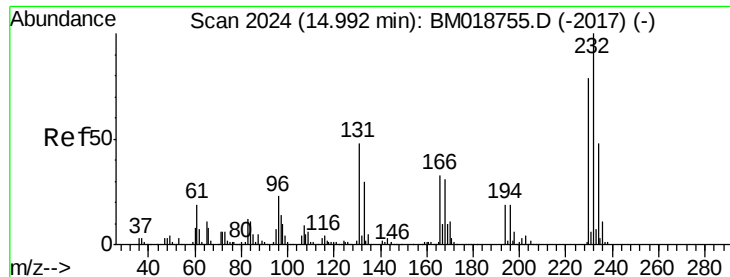
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





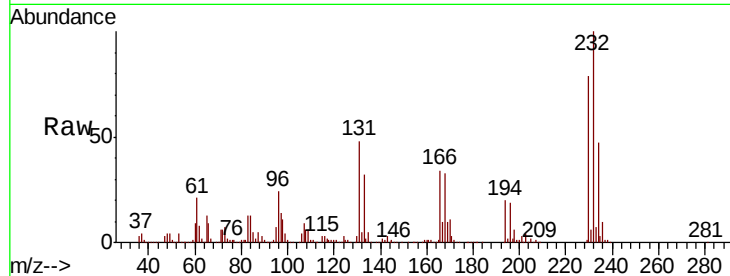
#59
2,3,4,6-Tetrachlorophenol
Concen: 68.344 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	38.6	57.8
130	2.5	2.0	3.0
166	33.6	26.9	40.3

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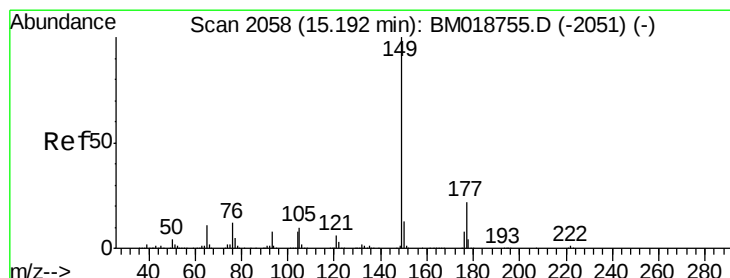
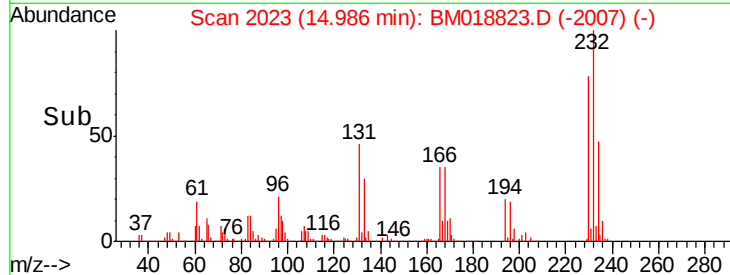
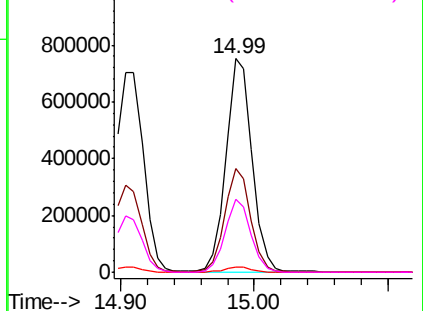
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

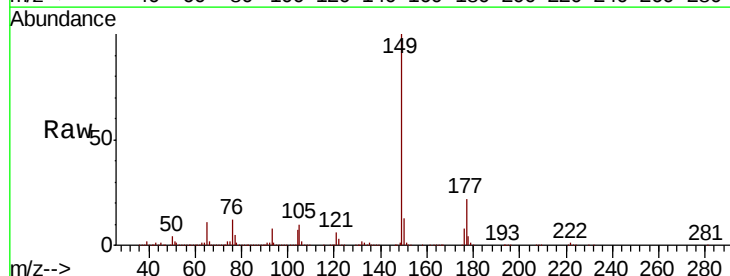
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 61.533 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.2	25.8
150	12.6	10.2	15.2

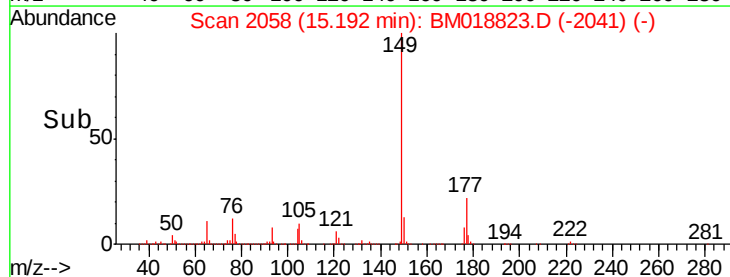
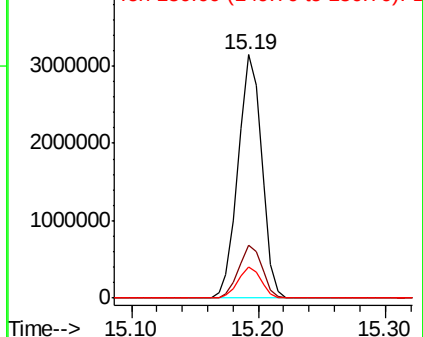


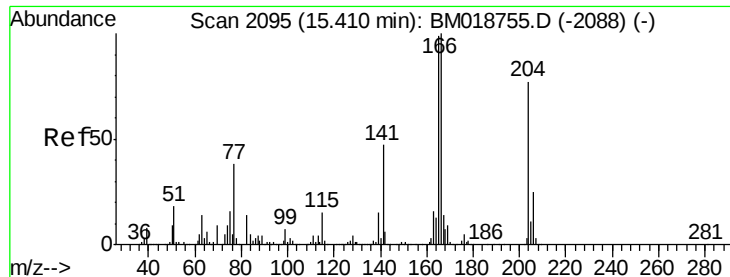
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





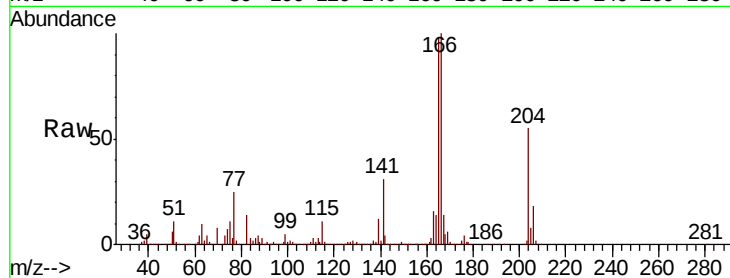
#61
4-Chlorophenyl-phenylether
Concen: 59.077 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	56.7	49.2	73.8

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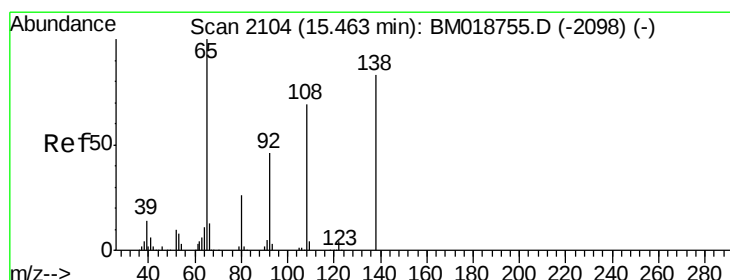
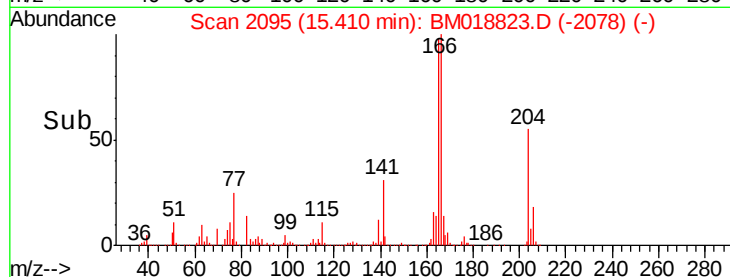
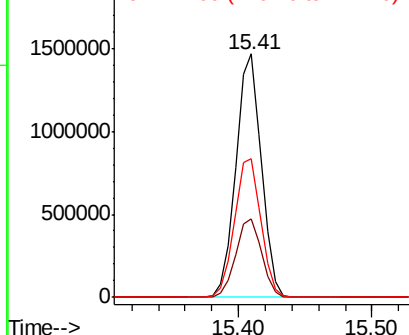


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 58.677 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

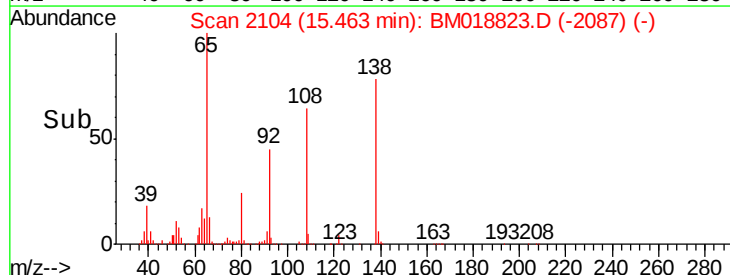
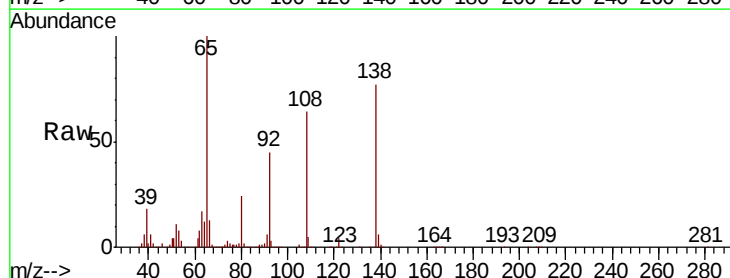
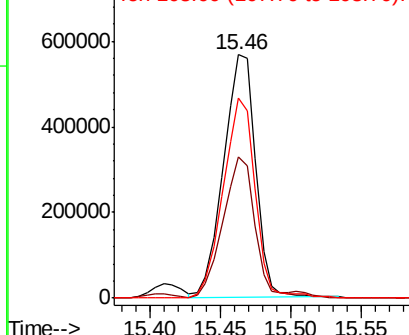
Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.2	35.5	75.5
108	82.1	62.4	102.4

Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 61.945 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion: 77 Resp: 4369368

Ion Ratio Lower Upper

77 100

182 22.4 1.0 41.0

105 18.6 0.0 37.7

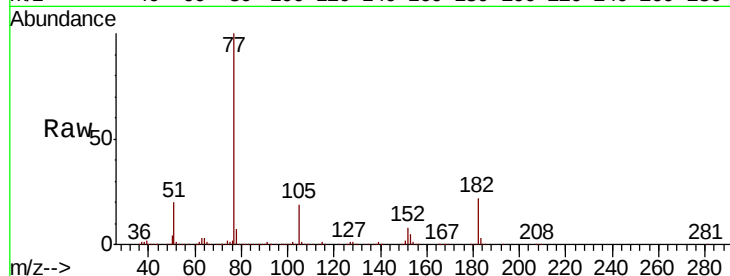
51 20.1 0.3 40.3

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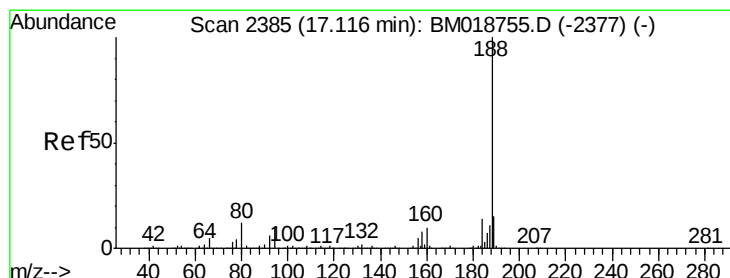
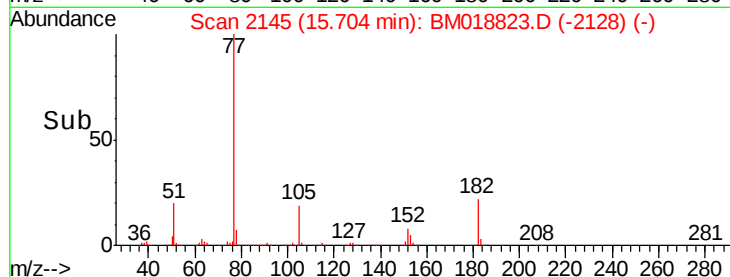
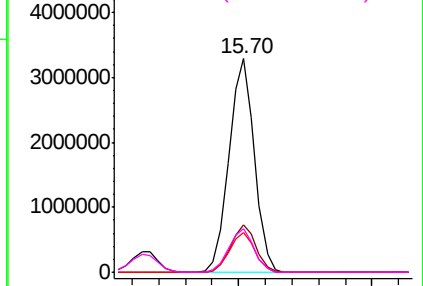
Abundance

Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

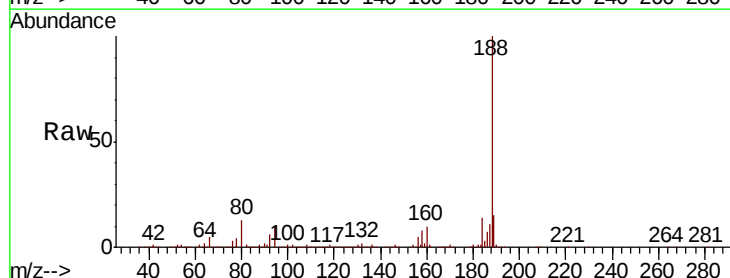
Tgt Ion: 188 Resp: 1682792

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

80 12.8 9.7 14.5

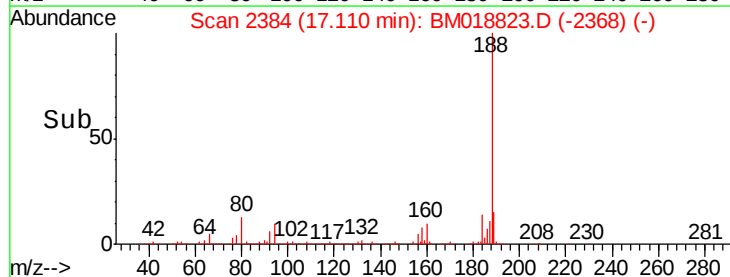
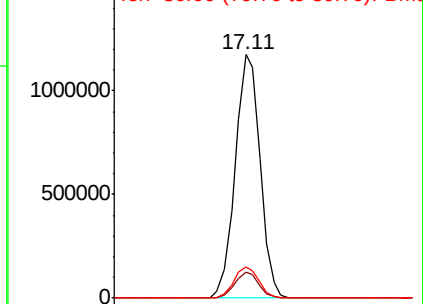


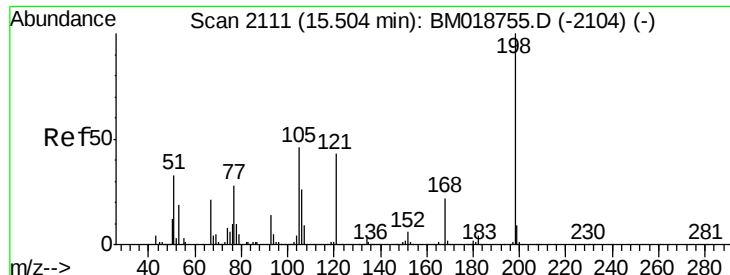
Abundance

Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 59.810 ng

RT: 15.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

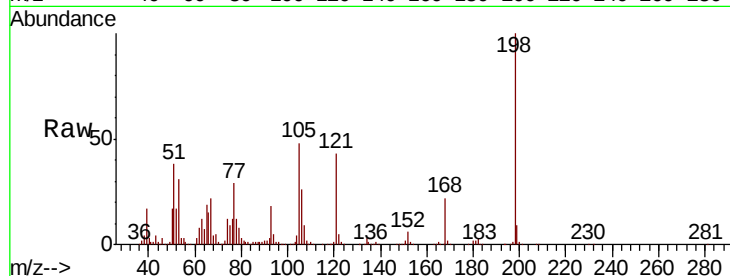
ClientSampleId :

CH-021419MSD

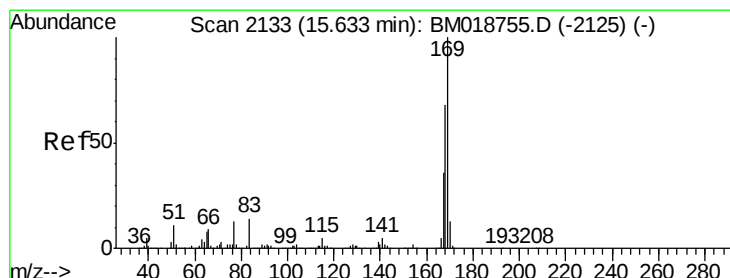
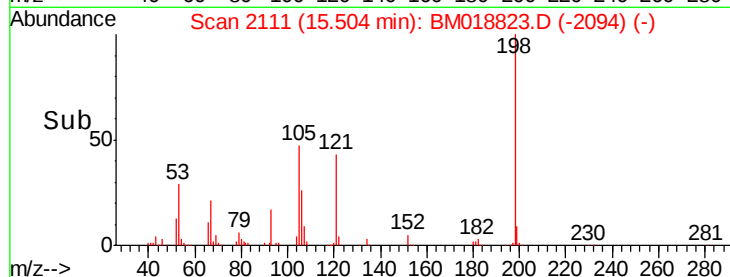
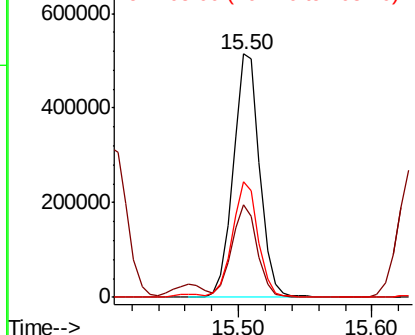
Tot Ion:	198	Resp:	706656
Ion Ratio	Lower	Upper	
198	100		
51	38.0	18.4	58.4
105	47.7	27.2	67.2

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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



#66

n-Nitrosodiphenylamine

Concen: 63.070 ng

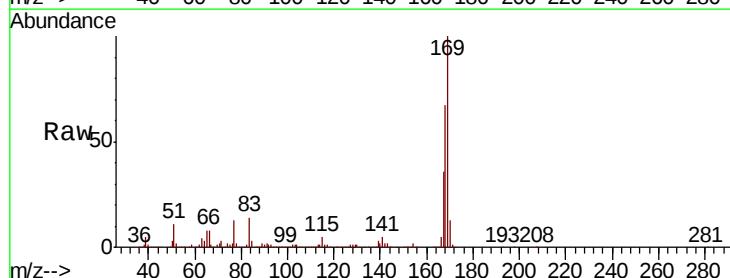
RT: 15.63 min Scan# 2133

Delta R.T. -0.00 min

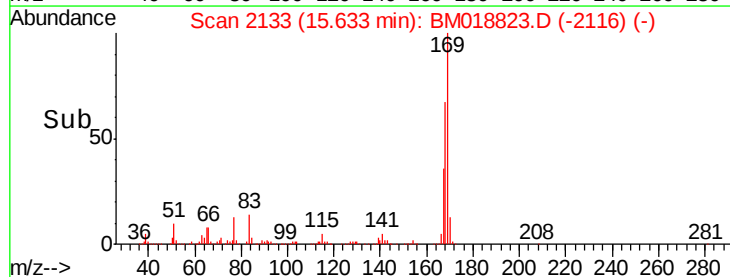
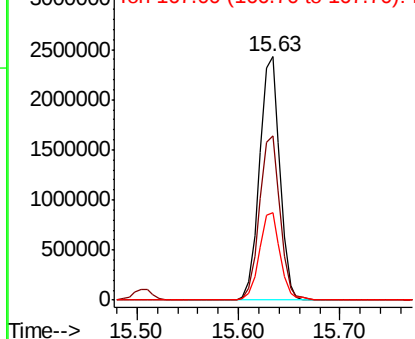
Lab File: BM018823.D

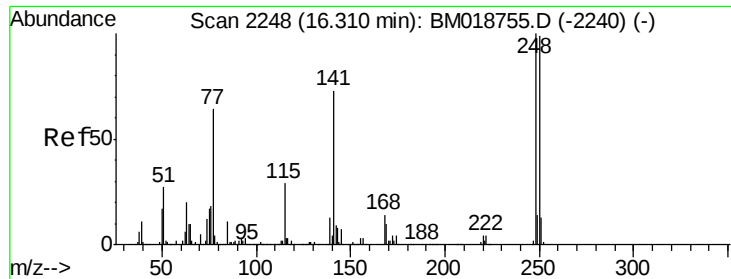
Acq: 15 Feb 2019 18:55

Tgt Ion:	169	Resp:	3353206
Ion Ratio	Lower	Upper	
169	100		
168	67.4	54.4	81.6
167	36.0	29.0	43.6



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





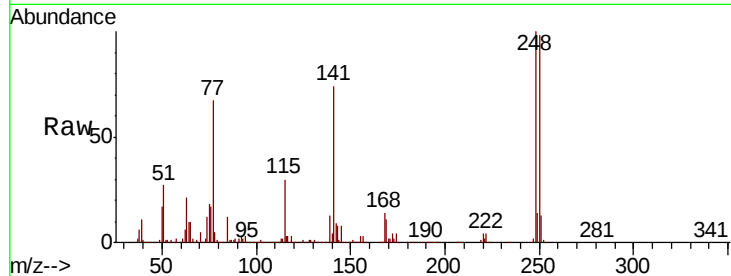
#67
4-Bromophenyl-phenylether
Concen: 61.080 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.0	118.6
141	74.5	58.6	88.0

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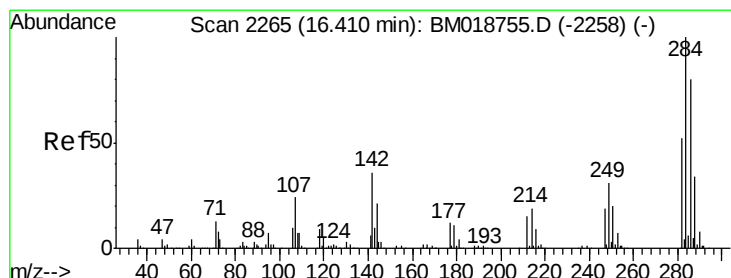
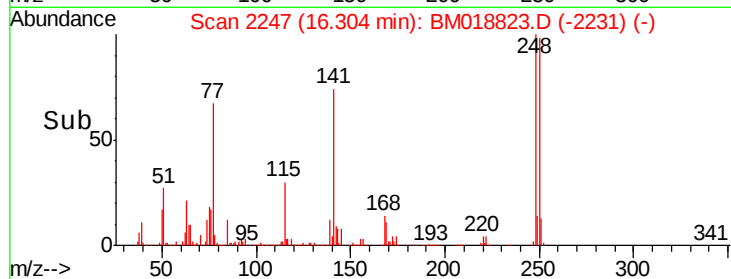
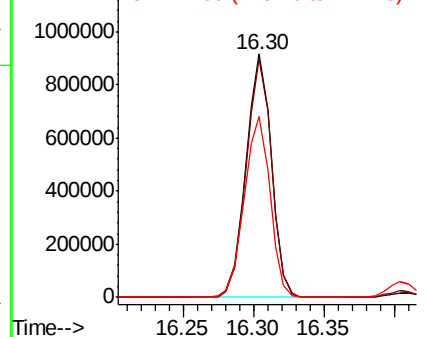


Abundance

Ion 248.00 (247.70 to 248.70): E

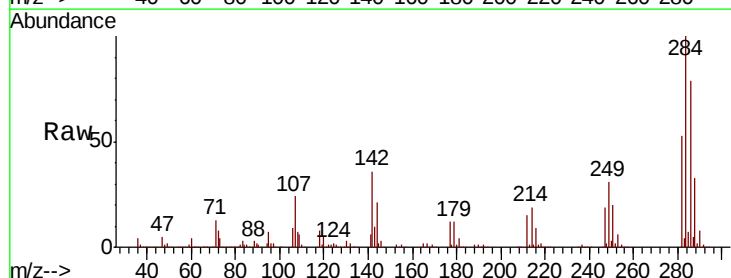
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 60.751 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.9	43.3
249	30.8	24.8	37.2

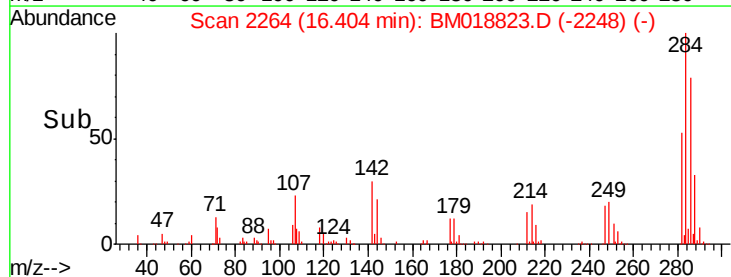
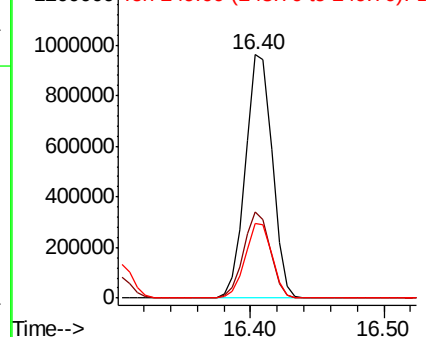


Abundance

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





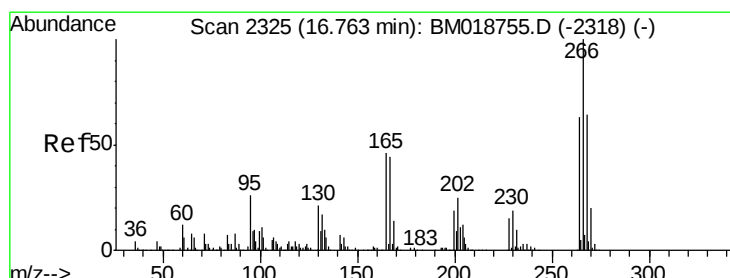
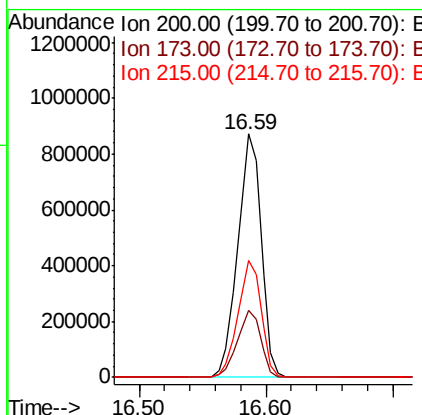
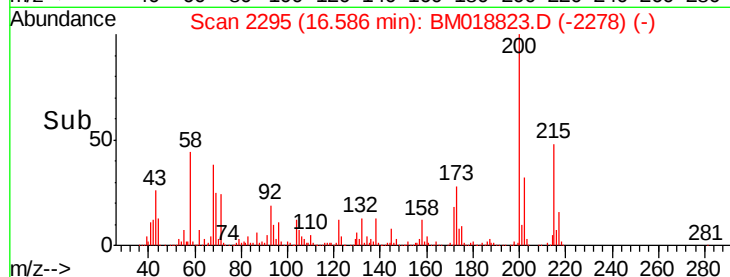
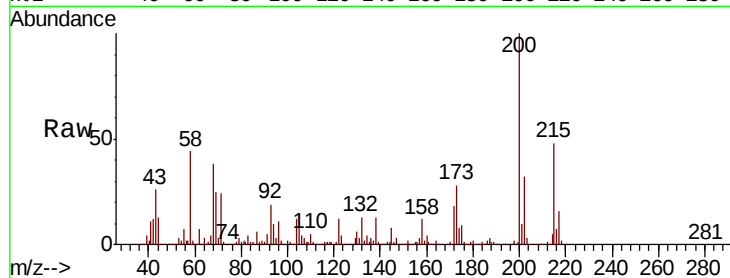
#69
Atrazine
Concen: 64.891 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampled :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.6	47.6
215	48.0	27.6	67.6

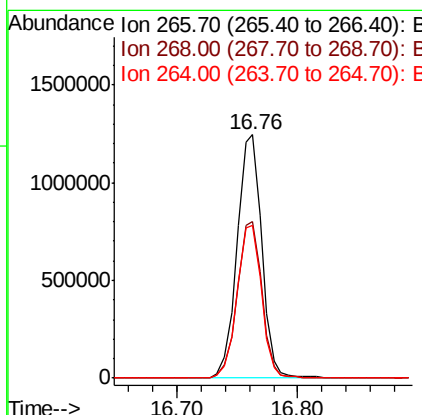
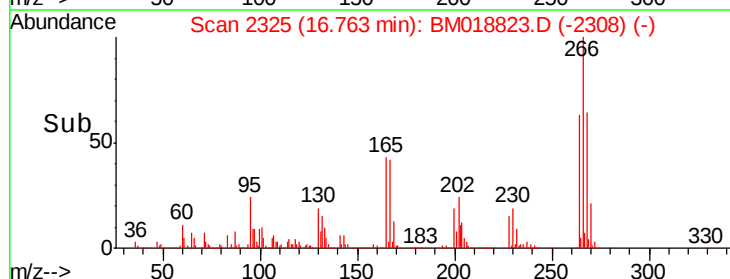
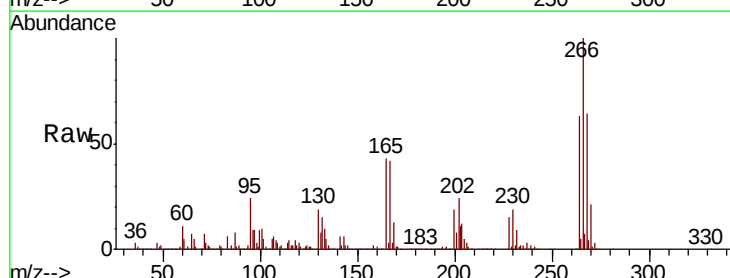
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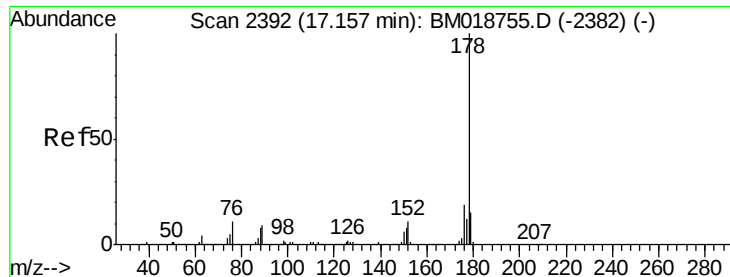
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#70
Pentachlorophenol
Concen: 125.998 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.3	76.9
264	62.9	50.6	75.8





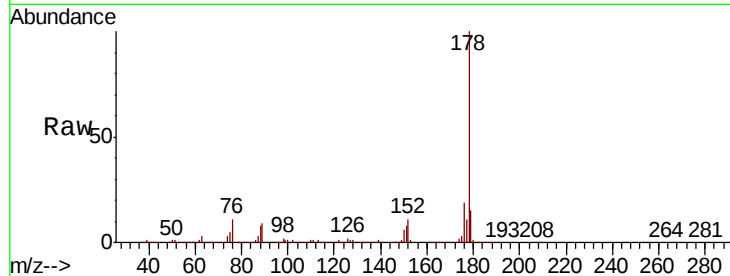
#71
Phenanthrene
Concen: 65.468 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

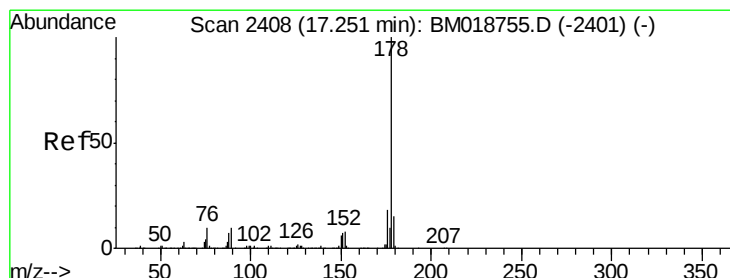
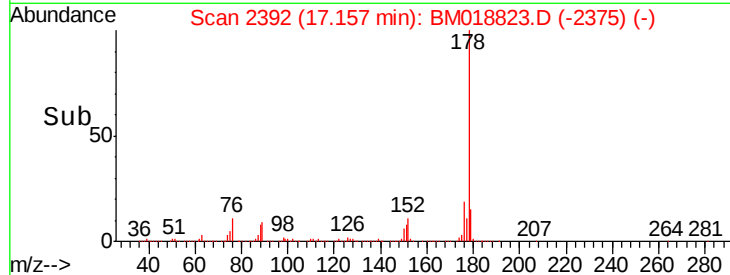
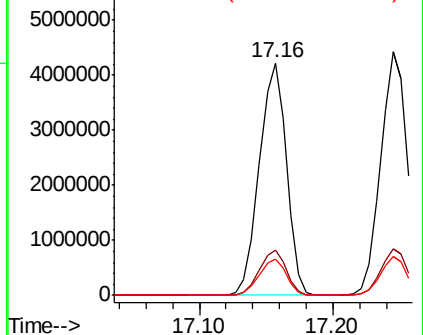
Tot Ion:178 Resp: 5920664
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.3 18.5

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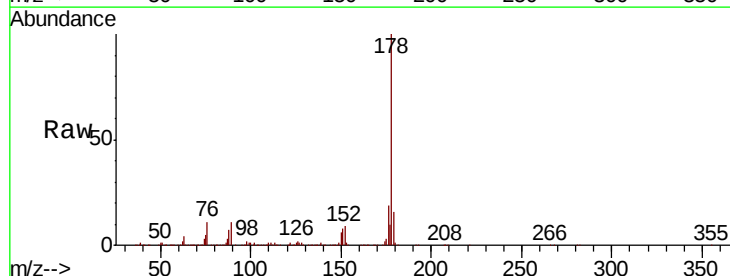


Abundance Ion 178.00 (177.70 to 178.70): E
6000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

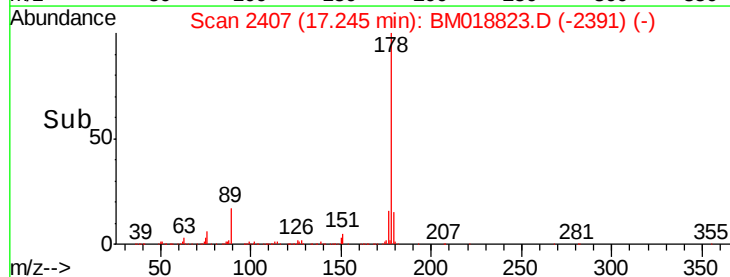
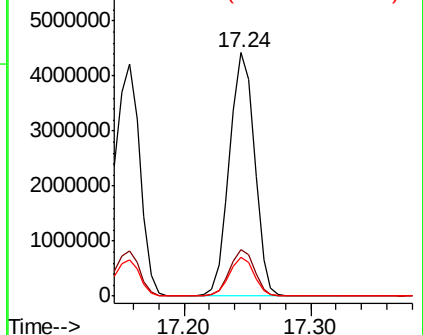


#72
Anthracene
Concen: 68.971 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:178 Resp: 6071120
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
6000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





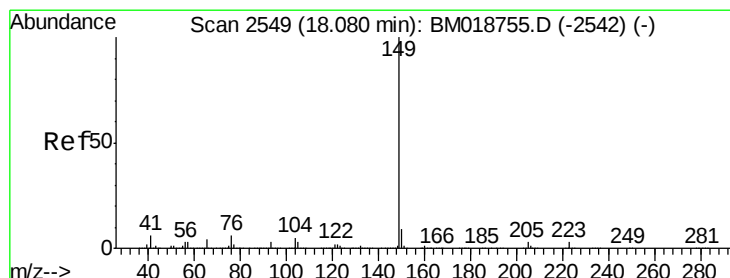
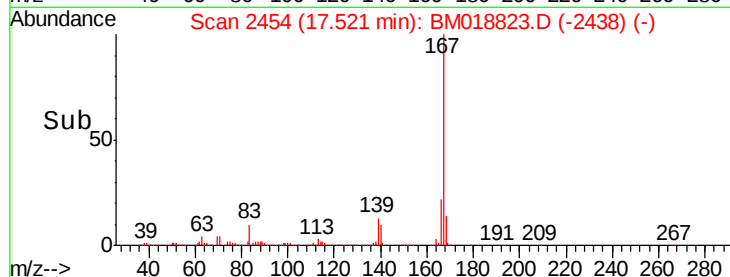
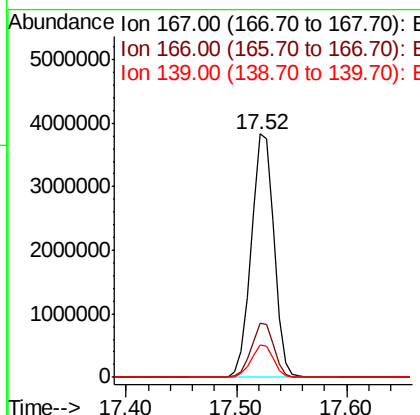
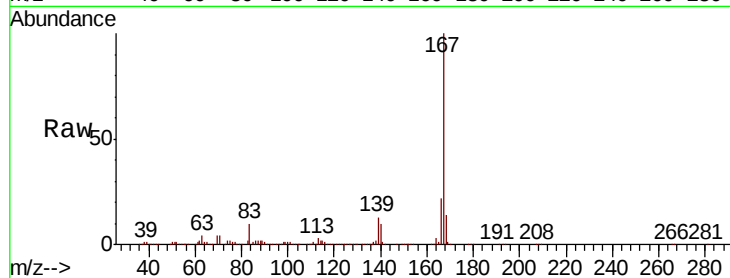
#73
 Carbazole
 Concen: 60.418 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.4	10.9	16.3

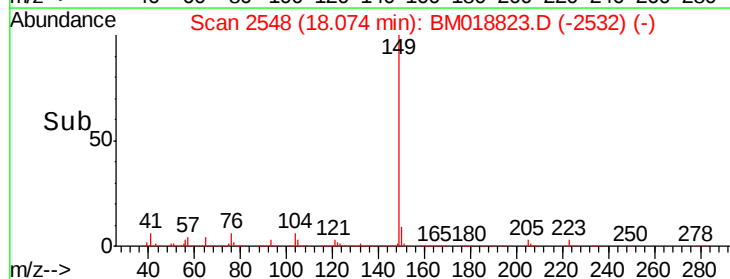
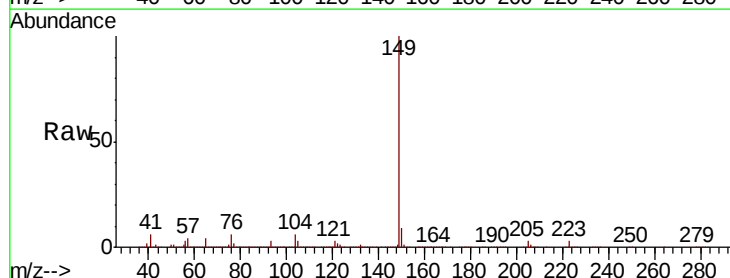
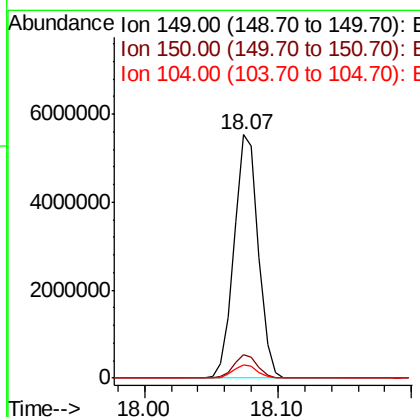
Manual Integrations
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Sohil
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#74
 Di-n-butylphthalate
 Concen: 66.113 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 65.245 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

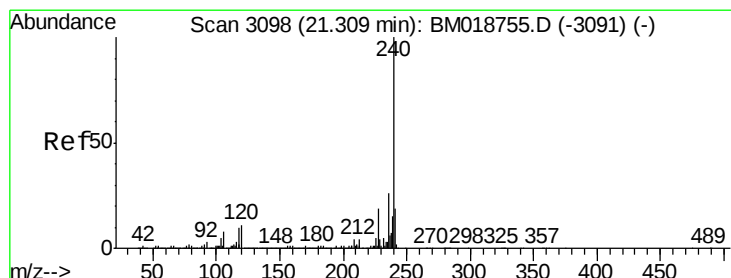
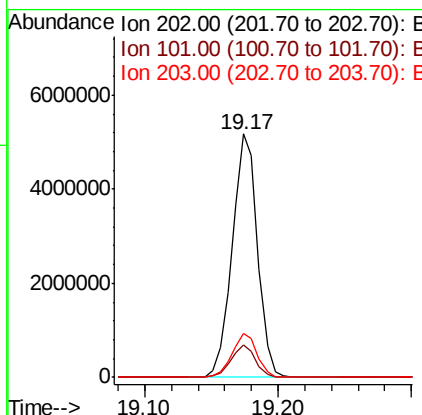
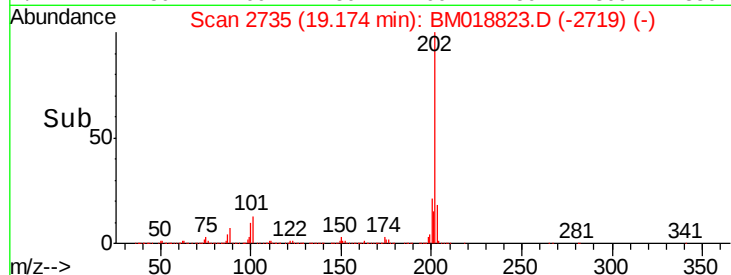
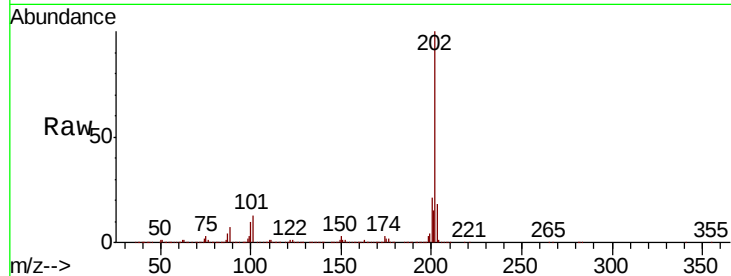
ClientSampleId :

CH-021419MSD

Tot Ion:	202	Resp:	6815852
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.5
203	18.2	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

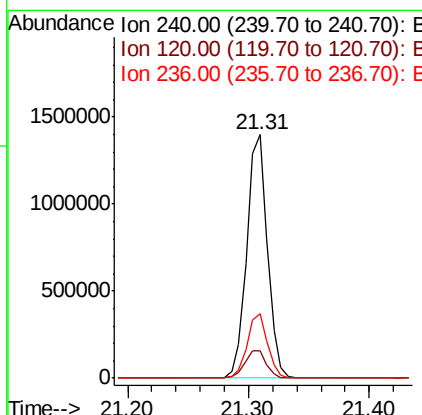
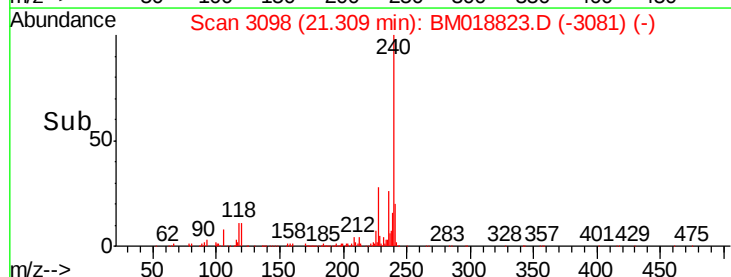
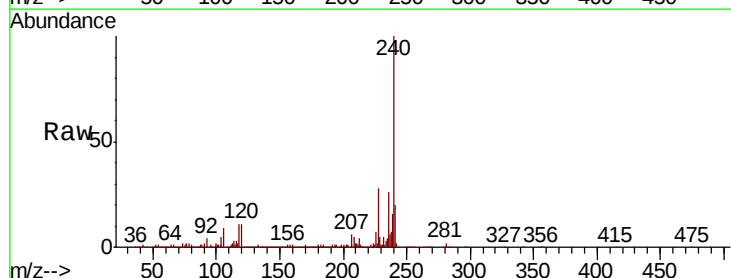
RT: 21.31 min Scan# 3098

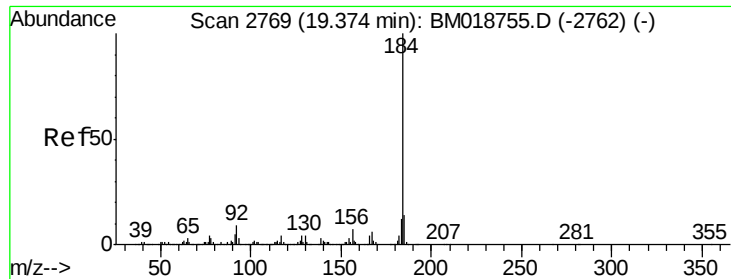
Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Tgt Ion:	240	Resp:	1680386
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	26.4	20.9	31.3





#77

Benzidine

Concen: 101.372 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:184 Resp: 3836387

Ion Ratio Lower Upper

184 100

185 14.1 11.2 16.8

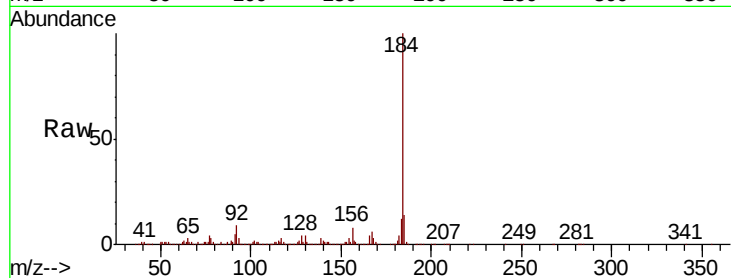
183 12.3 9.7 14.5

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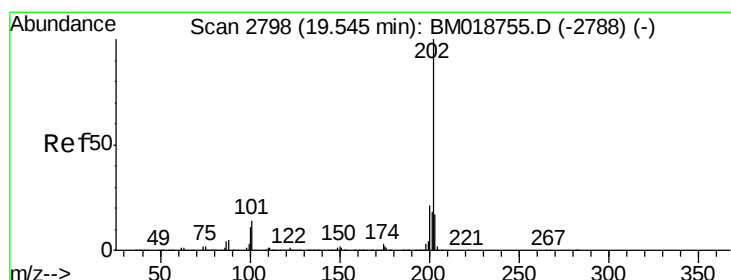
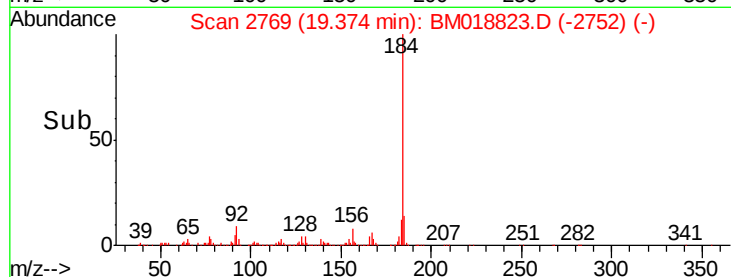
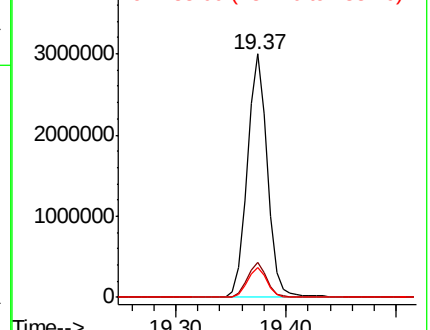


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 71.179 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

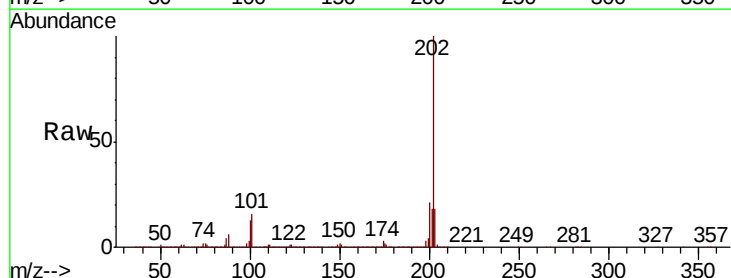
Tgt Ion:202 Resp: 6946715

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 18.0 13.8 20.8

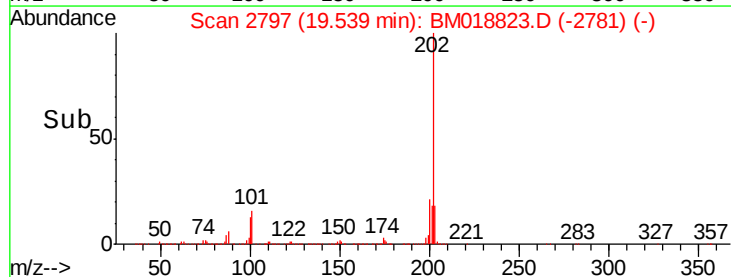
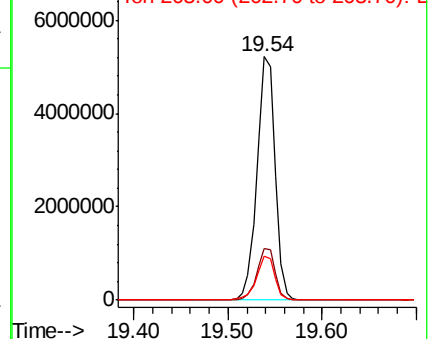


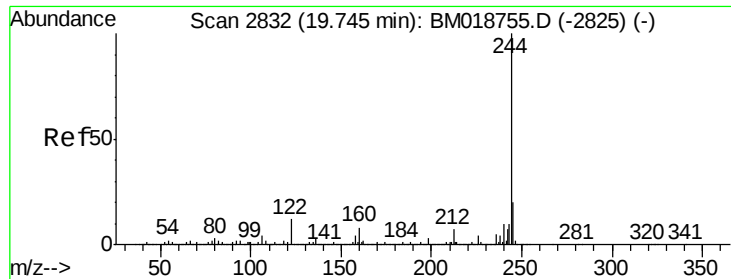
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





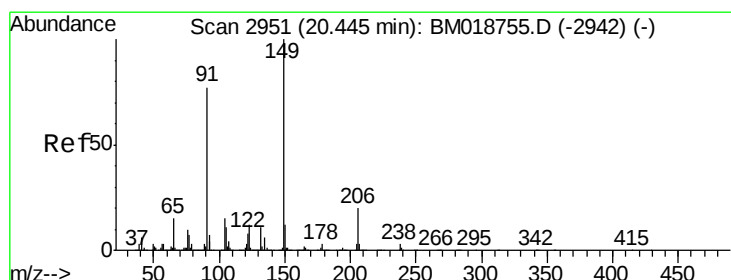
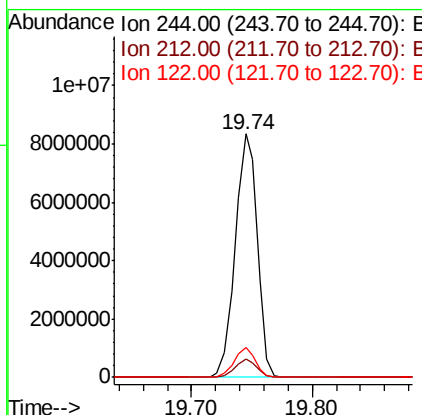
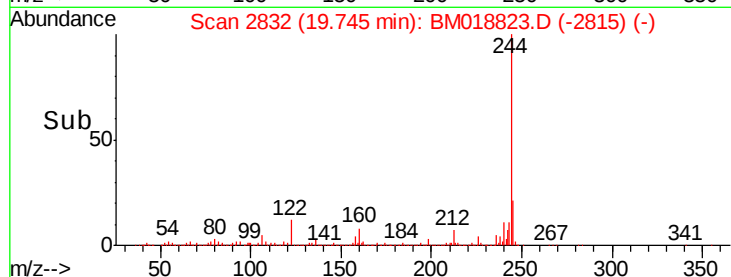
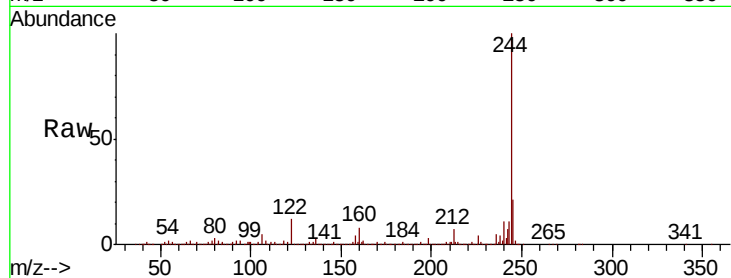
#79
 Terphenyl-d14
 Concen: 130.135 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion:244 Resp:10600522
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 12.3 9.3 13.9

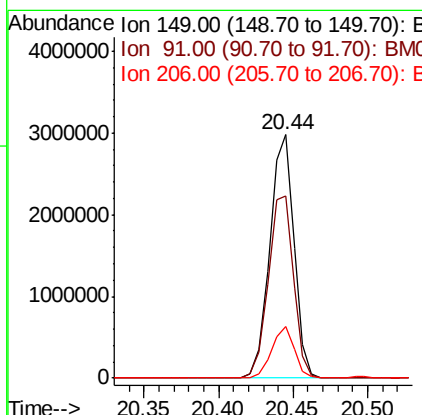
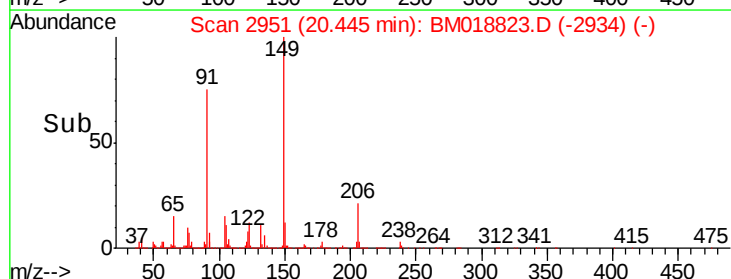
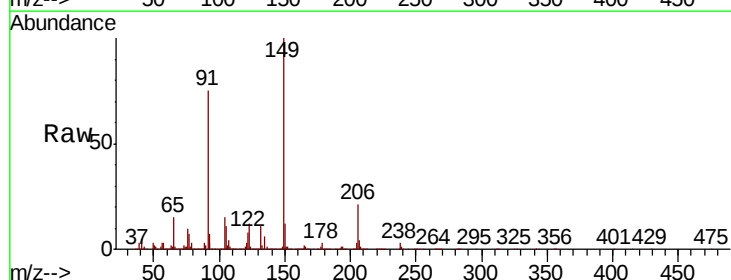
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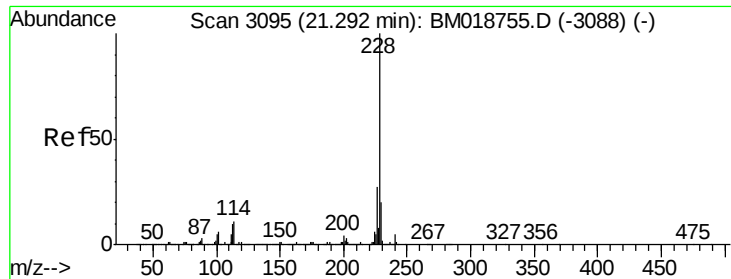
Sohil
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#80
 Butylbenzylphthalate
 Concen: 74.788 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018823.D
 Acq: 15 Feb 2019 18:55

Tgt Ion:149 Resp: 3326418
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.4 92.0
 206 21.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 67.095 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:228 Resp: 6572153

Ion Ratio Lower Upper

228 100

226 28.0 21.9 32.9

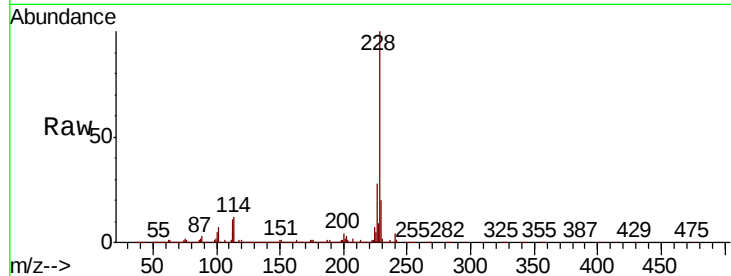
229 20.4 15.9 23.9

Manual Integrations

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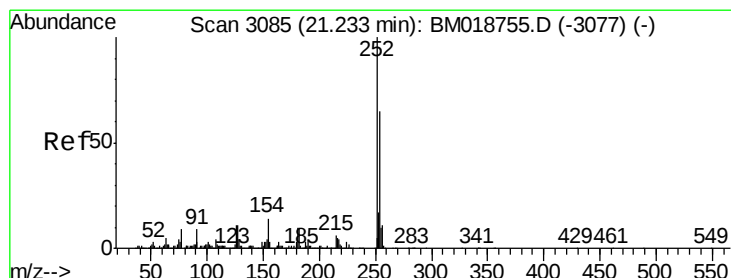
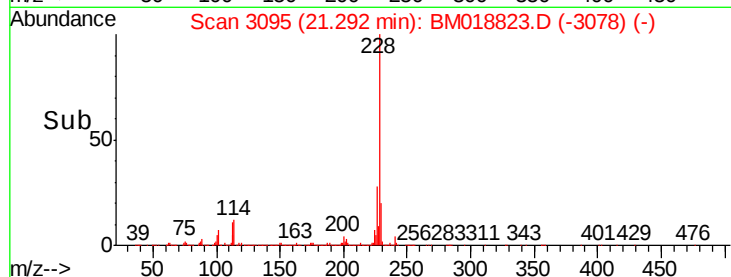
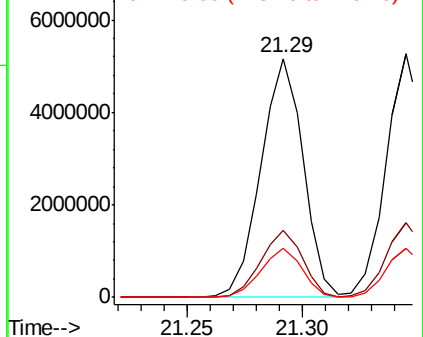


Abundance

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: 37.326 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

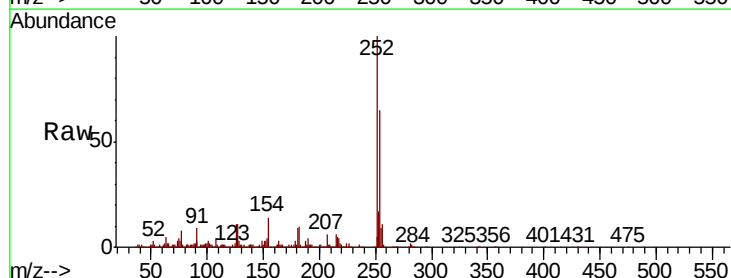
Tgt Ion:252 Resp: 1444996

Ion Ratio Lower Upper

252 100

254 65.5 51.8 77.8

126 10.8 9.1 13.7

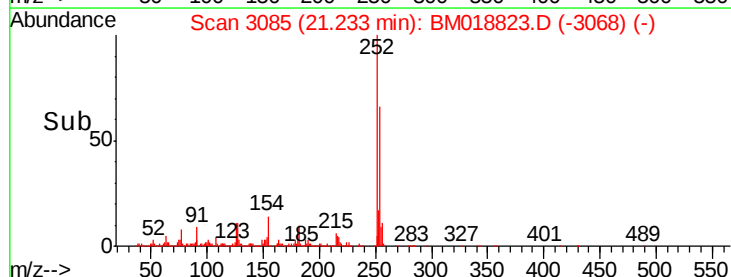
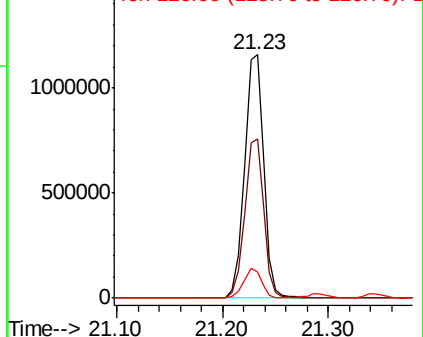


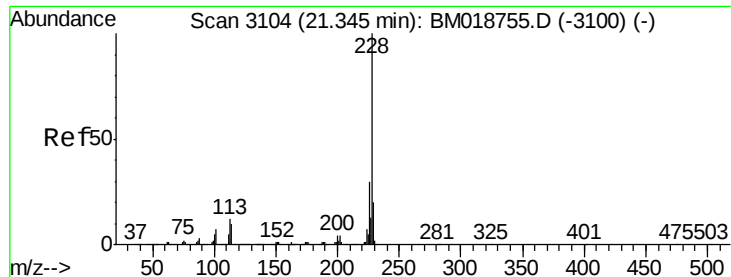
Abundance

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





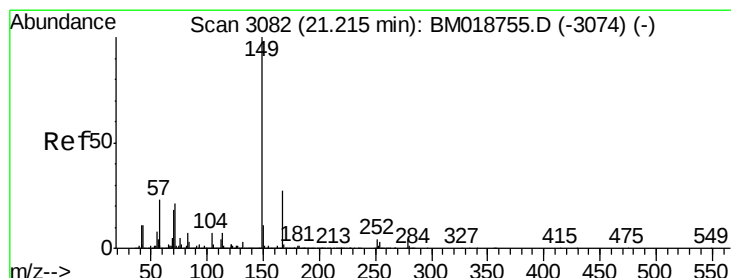
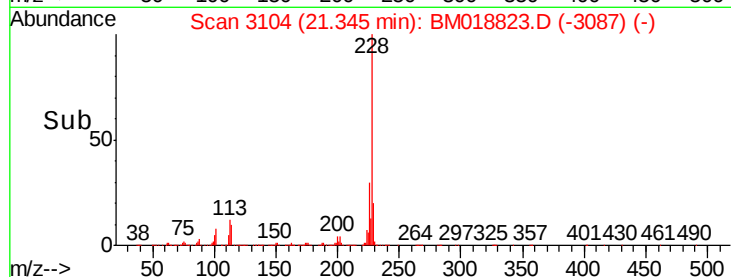
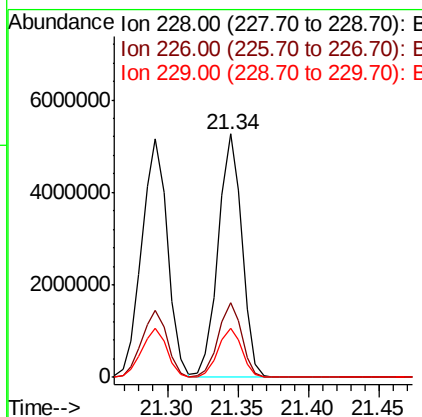
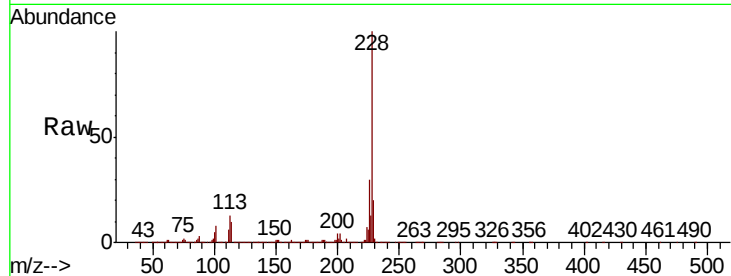
#83
Chrysene
Concen: 65.510 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.1	16.0	24.0

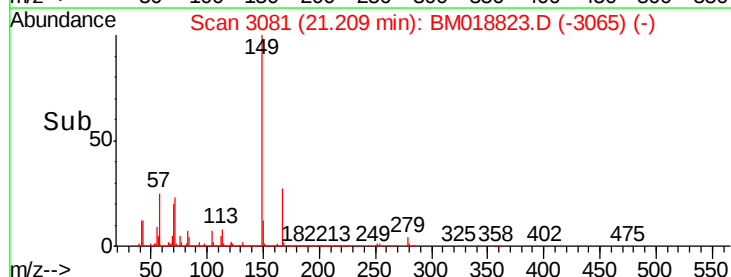
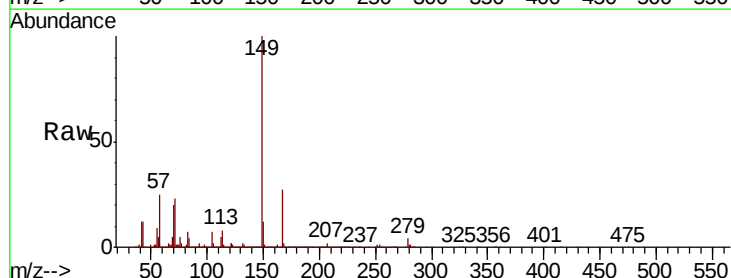
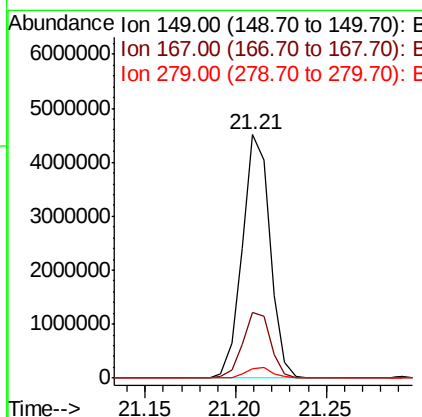
Manual Integrations
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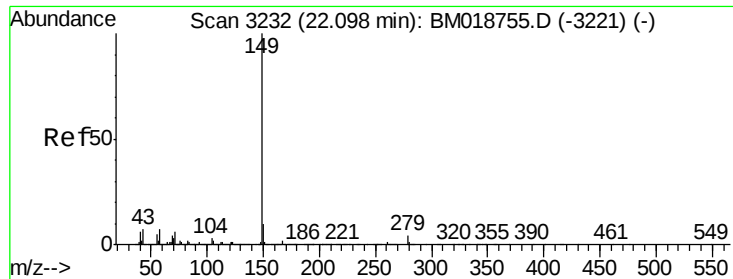
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 73.484 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.1	3.6	5.4





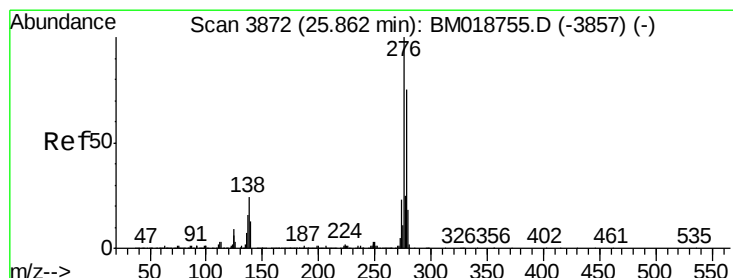
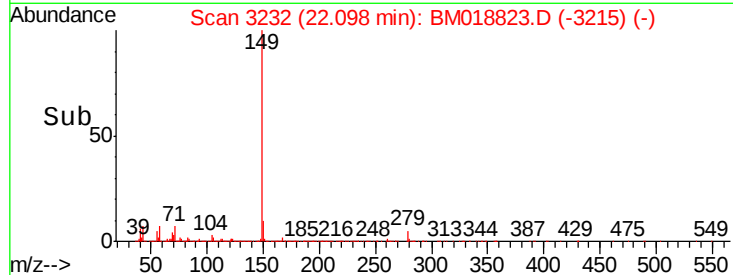
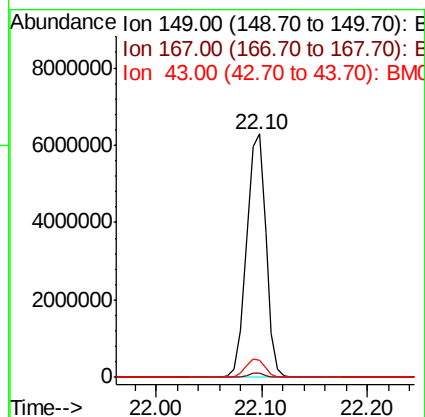
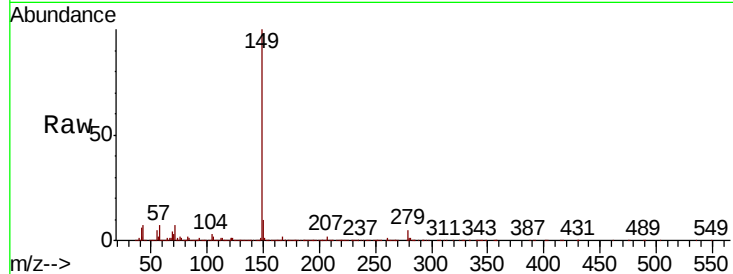
#85
Di-n-octyl phthalate
Concen: 72.547 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

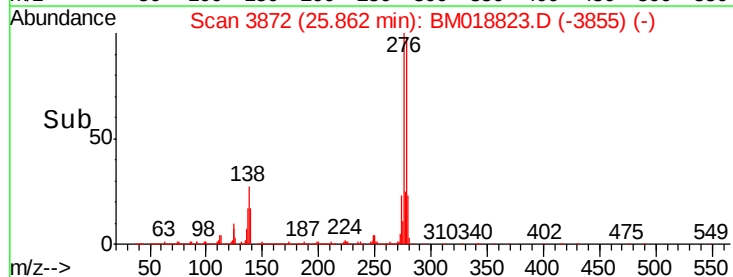
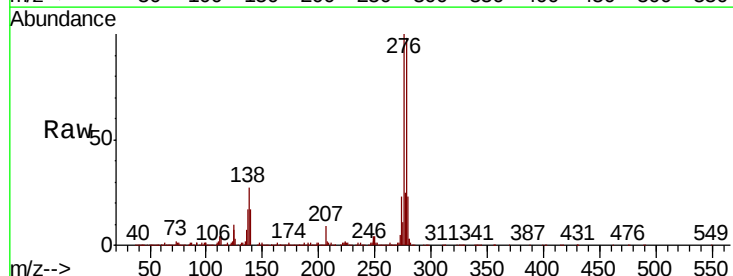
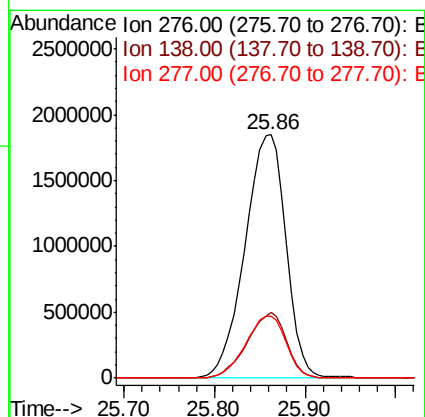
Manual Integrations
APPROVED

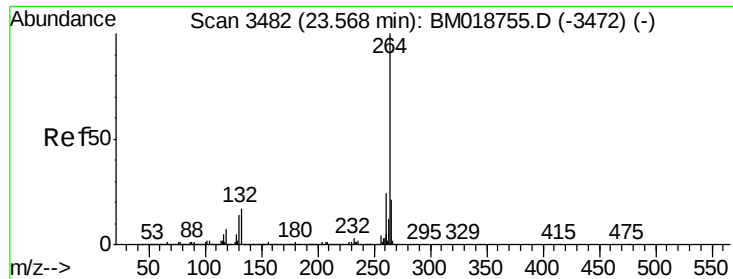
Sohil
2/18/2019 12:09:26 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 53.578 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:264 Resp: 1417024

Ion Ratio Lower Upper

264 100

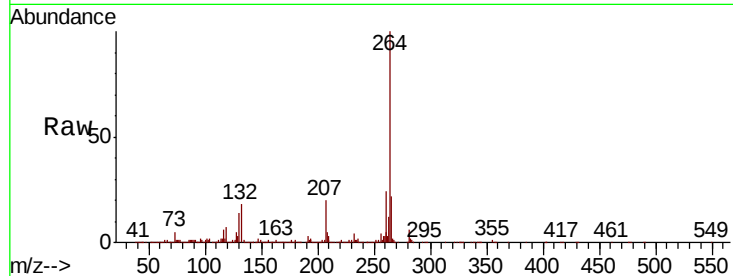
260 23.6 18.9 28.3

265 22.1 17.3 25.9

Manual Integrations
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Sohil

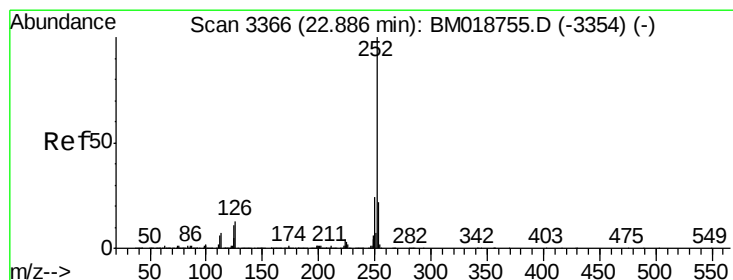
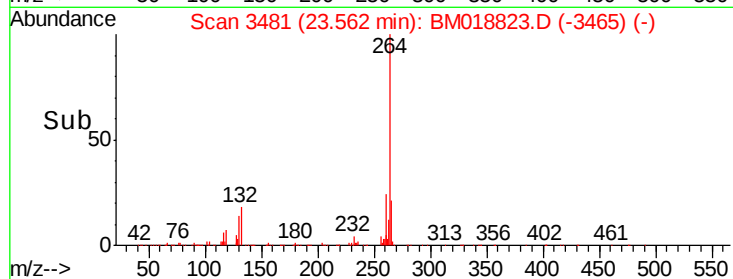
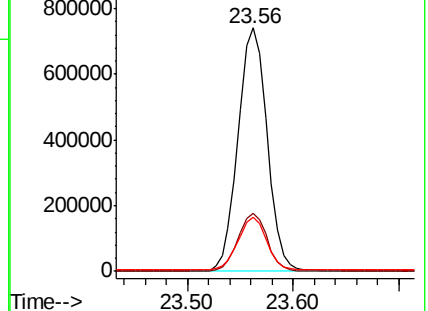
2/18/2019 12:09:26 PM



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: 71.340 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018823.D

Acq: 15 Feb 2019 18:55

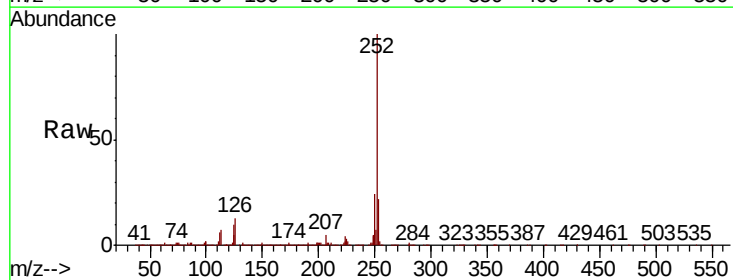
Tgt Ion:252 Resp: 5783735

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

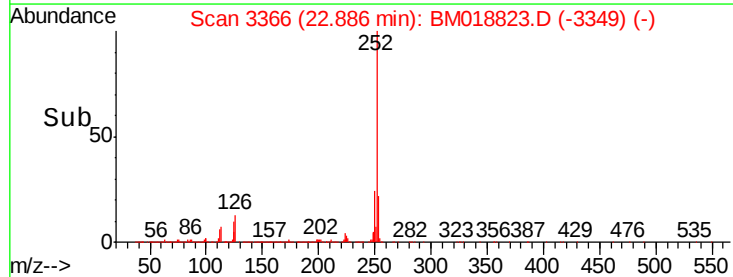
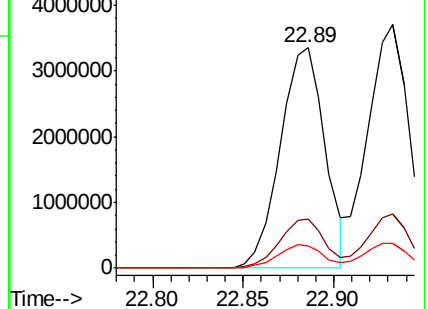
125 10.3 8.6 12.8

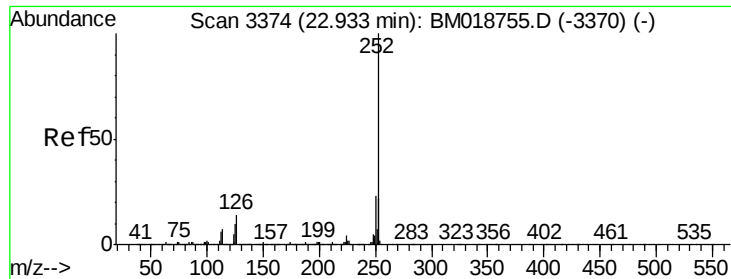


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





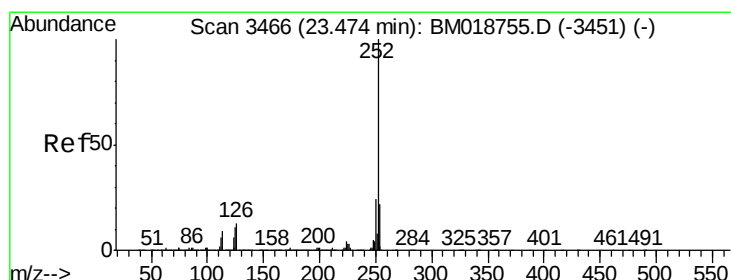
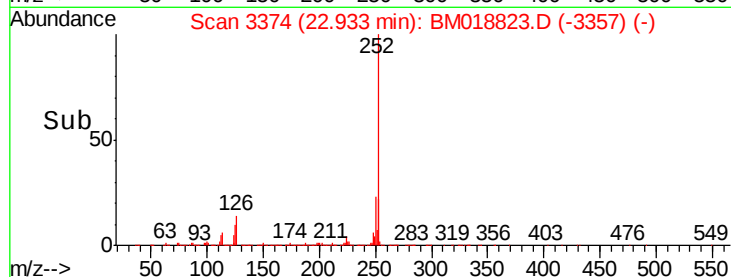
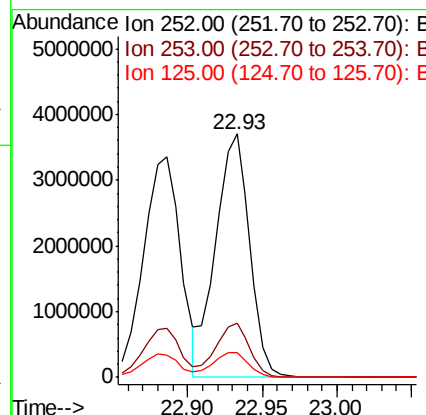
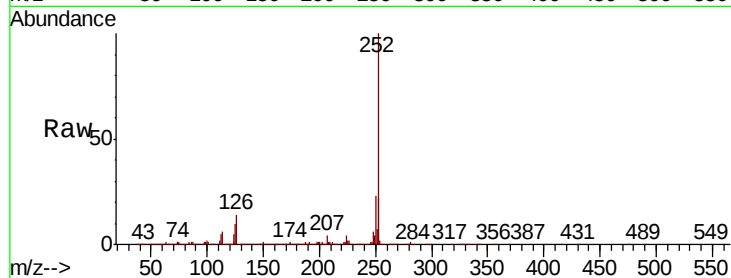
#89
Benzo(k)fluoranthene
Concen: 72.638 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.4

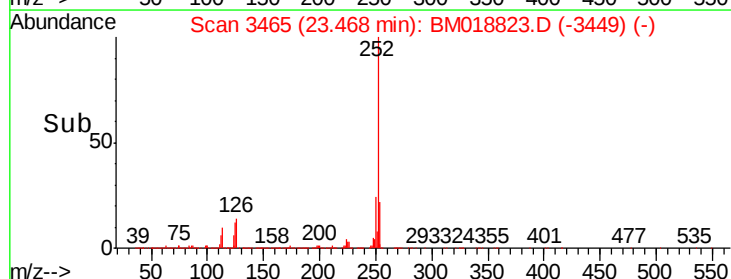
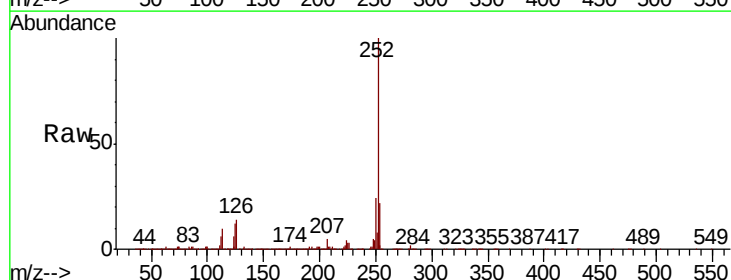
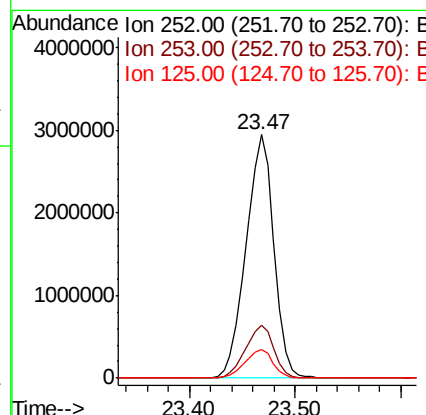
Manual Integrations
APPROVED

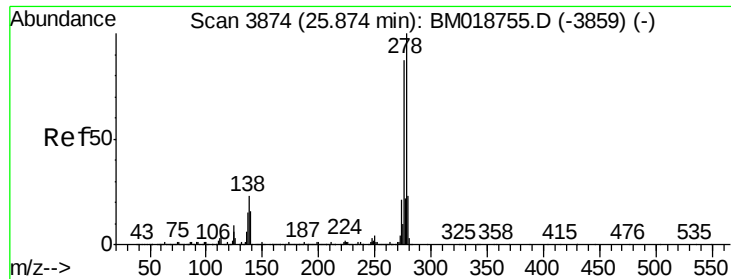
Sohil
2/18/2019 12:09:26 PM



#90
Benzo(a)pyrene
Concen: 70.203 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.5	8.6	13.0





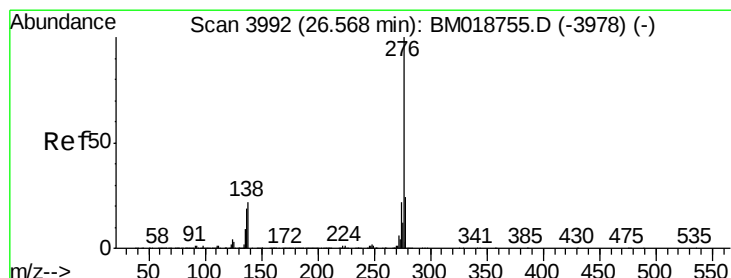
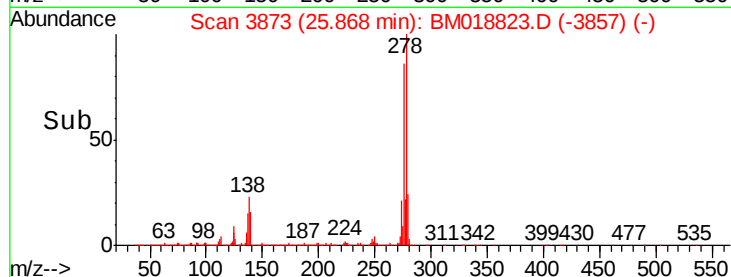
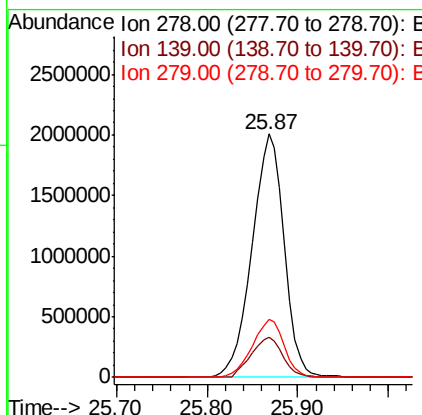
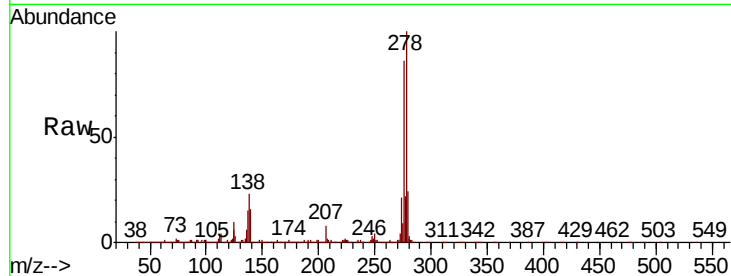
#91
Dibenzo(a,h)anthracene
Concen: 65.197 ng
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion:278 Resp: 4960935
Ion Ratio Lower Upper
278 100
139 16.4 12.6 18.8
279 23.8 18.6 28.0

Manual Integrations
APPROVED

Sohil
2/18/2019 12:09:26 PM



#92
Benzo(g,h,i)perylene
Concen: 65.162 ng
RT: 26.56 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM018823.D
Acq: 15 Feb 2019 18:55

Tgt Ion:276 Resp: 4616041
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 21.8 17.3 25.9

