

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
 Data File : BM018822.D
 Acq On : 15 Feb 2019 18:19
 Operator : JU/SJ
 Sample : K1501-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Manual Integrations
 APPROVED

Sohil
 2/18/2019 12:09:23 PM

Quant Time: Feb 15 23:18:10 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	331069	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1384378	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	811509	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1892298	20.00	ng	0.00
76) Chrysene-d12	21.31	240	2101467	20.00	ng	0.00
87) Perylene-d12	23.56	264	1857927	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	4722456	233.72	ng	0.00
7) Phenol-d6	6.90	99	6915277	242.94	ng	0.01
23) Nitrobenzene-d5	8.88	82	4511301	150.68	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	3080720	263.36	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	8491774	138.91	ng	0.00
79) Terphenyl-d14	19.74	244	12512257	122.83	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	414219	47.067	ng	98
3) Pyridine	3.65	79	1285471	53.549	ng	99
4) n-Nitrosodimethylamine	3.56	42	478207	78.306	ng	91
6) Aniline	7.06	93	2361299	67.704	ng	99
8) 2-Chlorophenol	7.28	128	1617042	72.891	ng	99
9) Benzaldehyde	6.86	77	734744	50.622	ng	97
10) Phenol	6.92	94	2594780	86.634	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1538015	67.317	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1539577	61.718	ng	100
13) 1,4-Dichlorobenzene	7.75	146	1594279	62.778	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1561007	63.992	ng	99
15) Benzyl Alcohol	7.96	79	1710583	75.629	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	1474211	66.668	ng	98
17) 2-Methylphenol	8.16	107	1444354	75.768	ng	99
18) Hexachloroethane	8.77	117	601920	64.929	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	1561101	70.831	ng	99
20) 3+4-Methylphenols	8.49	107	2020957	76.775	ng	97
22) Acetophenone	8.55	105	2570424	67.611	ng	# 99
24) Nitrobenzene	8.92	77	2177037	70.052	ng	100
25) Isophorone	9.45	82	3974121	83.189	ng	99
26) 2-Nitrophenol	9.62	139	918005	74.175	ng	100
27) 2,4-Dimethylphenol	9.68	122	1561364	86.376	ng	98
28) bis(2-Chloroethoxy)methane	9.92	93	2272630	73.566	ng	100
29) 2,4-Dichlorophenol	10.15	162	1616929	77.902	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	1609651	67.153	ng	99
31) Naphthalene	10.55	128	4963291	73.511	ng	99
32) Benzoic acid	9.89	122	1058589	67.135	ng	95
33) 4-Chloroaniline	10.67	127	787945	26.107	ng	99
34) Hexachlorobutadiene	10.81	225	862286	61.976	ng	100
35) Caprolactam	11.52	113	596860m	70.461	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1970712	78.751	ng	99
37) 2-Methylnaphthalene	12.17	142	3786029	79.645	ng	99
38) 1-Methylnaphthalene	12.39	142	3587950	77.186	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1807043	69.610	ng	99

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 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	2078177	156.580	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	1353631	78.768	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	1458746	80.986	nq	99
46) 1,1'-Biphenyl	13.19	154	4842870	69.329	nq	100
47) 2-Chloronaphthalene	13.23	162	3798820	70.409	nq	100
48) 2-Nitroaniline	13.46	65	1430244	79.817	nq	99
49) Acenaphthylene	14.09	152	6315732	78.615	nq	99
50) Dimethylphthalate	13.83	163	5455651	80.668	nq	99
51) 2,6-Dinitrotoluene	13.96	165	1137700	77.657	nq	99
52) Acenaphthene	14.43	154	3650169	74.098	nq	99
53) 3-Nitroaniline	14.29	138	740481	44.733	nq	97
54) 2,4-Dinitrophenol	14.50	184	1427327	148.244	nq	96
55) Dibenzofuran	14.76	168	5929390	73.231	nq	99
56) 4-Nitrophenol	14.62	139	2113726	159.959	nq	97
57) 2,4-Dinitrotoluene	14.75	165	1653126	81.897	nq	97
58) Fluorene	15.42	166	4993245	80.610	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1348462	84.695	nq	100
60) Diethylphthalate	15.20	149	5248345	75.230	nq	99
61) 4-Chlorophenyl-phenylether	15.41	204	2483510	71.509	nq	96
62) 4-Nitroaniline	15.47	138	1226602	75.584	nq	99
63) Azobenzene	15.70	77	5652570	75.567	nq	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	947978	71.352	nq	99
66) n-Nitrosodiphenylamine	15.63	169	4343195	72.647	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	1508177	71.204	nq	99
68) Hexachlorobenzene	16.41	284	1753244	71.213	nq	97
69) Atrazine	16.59	200	1445033	74.973	nq	100
70) Pentachlorophenol	16.76	266	2431545	153.389	nq	100
71) Phenanthrene	17.16	178	7822513	76.921	nq	99
72) Anthracene	17.25	178	8032190	81.147	nq	99
73) Carbazole	17.53	167	7465283	72.189	nq	100
74) Di-n-butylphthalate	18.08	149	9280418	78.031	nq	99
75) Fluoranthene	19.18	202	9406533	80.076	nq	98
77) Benzidine	19.38	184	5921809	125.123	nq	100
78) Pyrene	19.54	202	9597296	78.633	nq	98
80) Butylbenzylphthalate	20.44	149	4753893	85.466	nq	99
81) Benzo(a)anthracene	21.30	228	9588920	78.278	nq	98
82) 3,3'-Dichlorobenzidine	21.23	252	2198387	45.409	nq	100
83) Chrysene	21.35	228	8889845	75.714	nq	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	6828739	83.880	nq	97
85) Di-n-octyl phthalate	22.10	149	11157256	81.542	nq	99
86) Indeno(1,2,3-cd)pyrene	25.87	276	8754444	64.581	nq	99
88) Benzo(b)fluoranthene	22.89	252	8828788	83.056	nq	99
89) Benzo(k)fluoranthene	22.94	252	8890235	84.007	nq	99
90) Benzo(a)pyrene	23.47	252	8297616	82.400	nq	98
91) Dibenzo(a,h)anthracene	25.88	278	7454400	74.718	nq	98
92) Benzo(g,h,i)perylene	26.57	276	6815967	73.384	nq	99

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

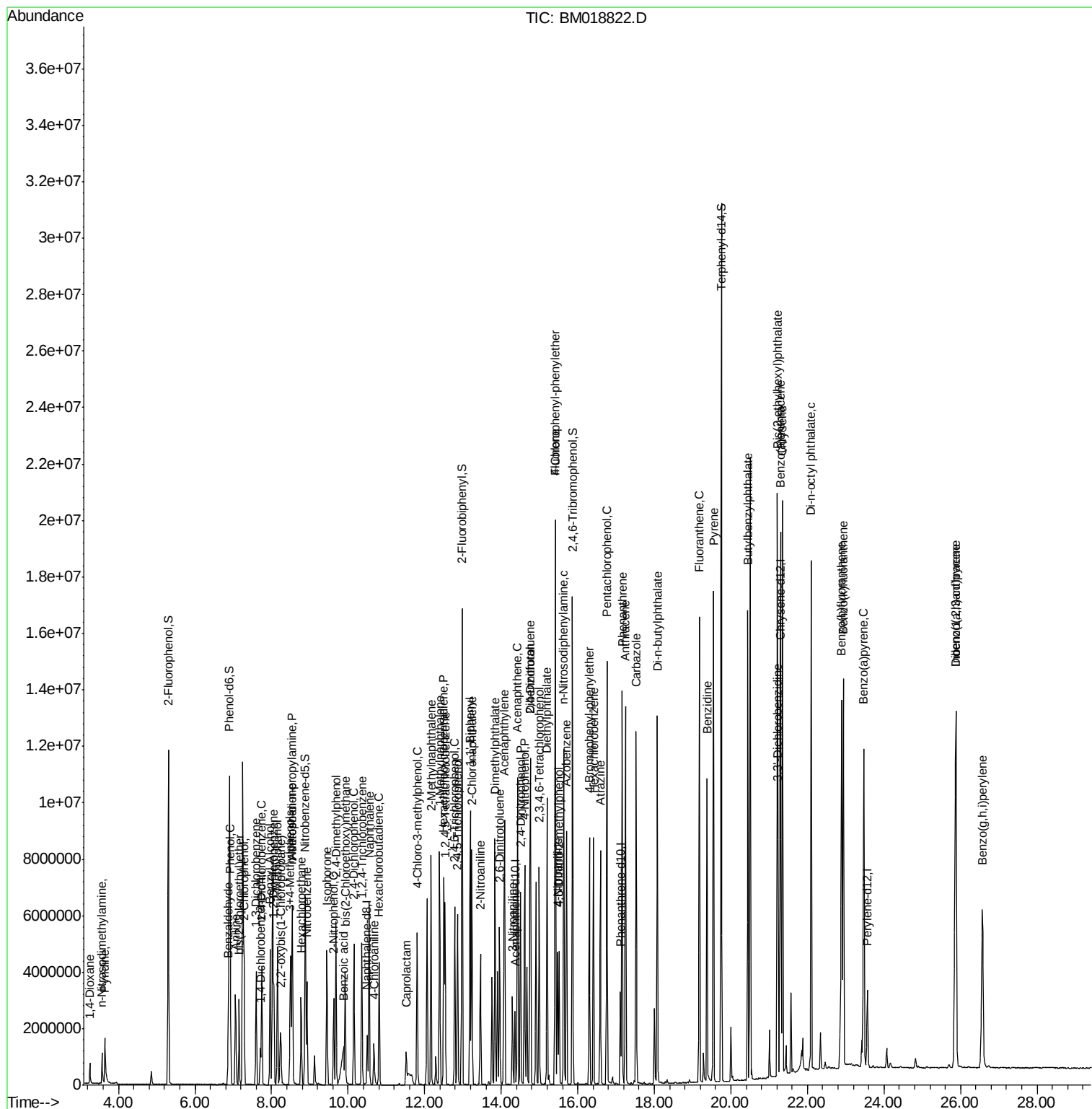
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021519\
Data File : BM018822.D
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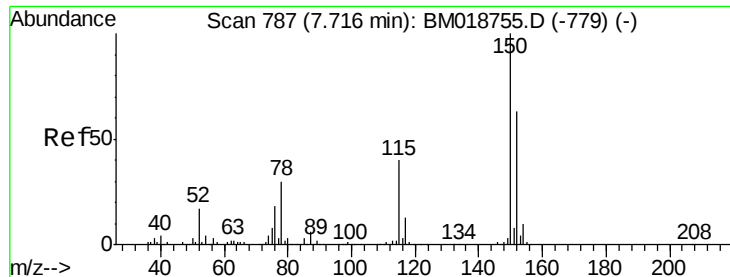
Instrument :
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ClientSampleId :
CH-021419MS

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#1

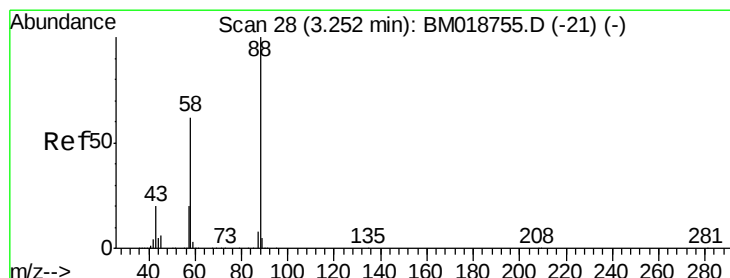
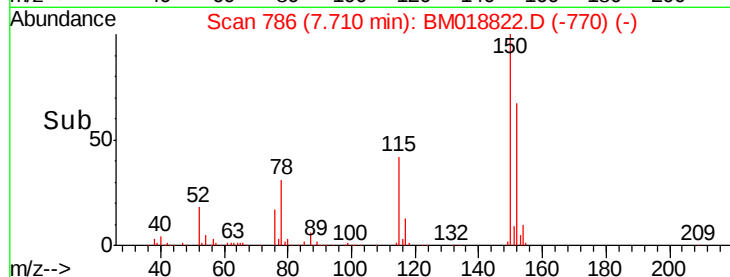
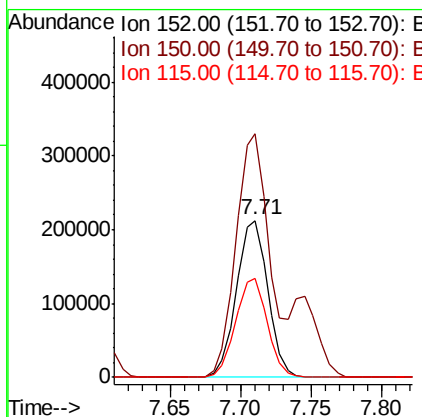
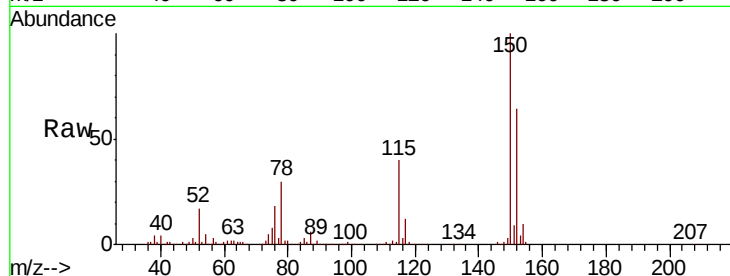
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.3	190.9
115	62.8	50.8	76.2

Manual Integrations
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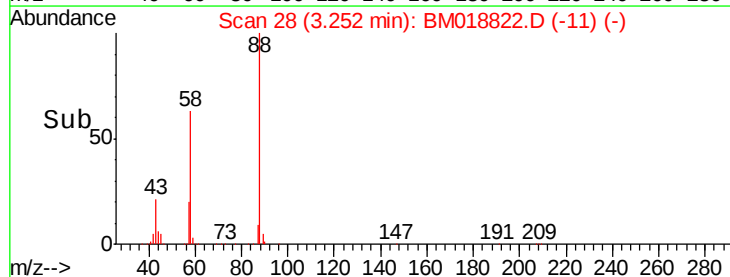
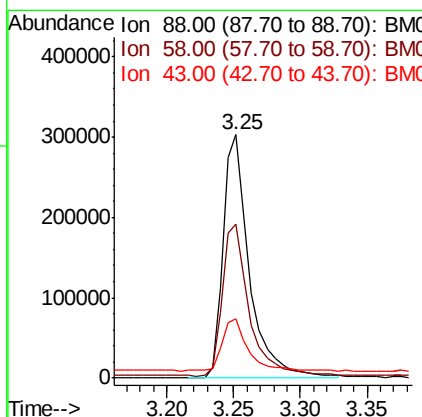
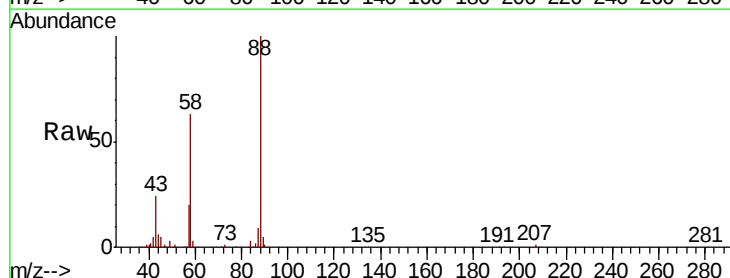
Sohil
2/18/2019 12:09:23 PM

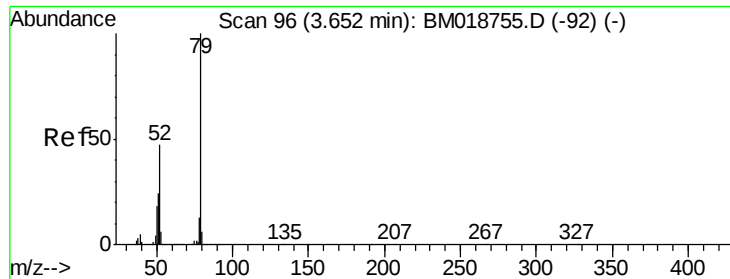


#2

1,4-Dioxane
Concen: 47.067 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.2	49.8	74.6
43	21.0	16.7	25.1





#3

Pvridine

Concen: 53.549 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion: 79 Resp: 1285471

Ion Ratio Lower Upper

79 100

52 47.4 37.6 56.4

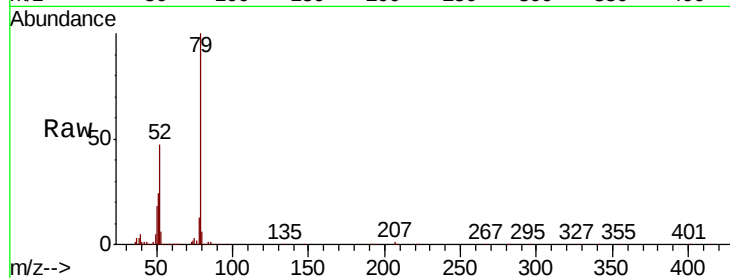
51 24.2 19.7 29.5

Manual Integrations

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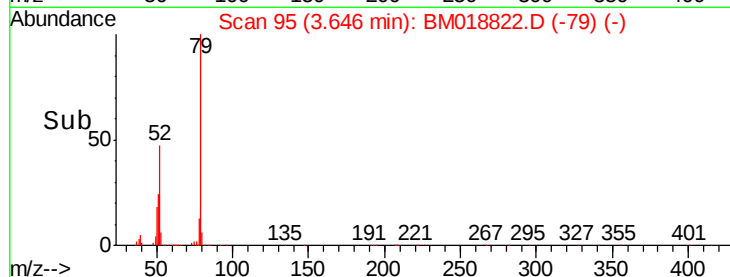


Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

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

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

Time-->

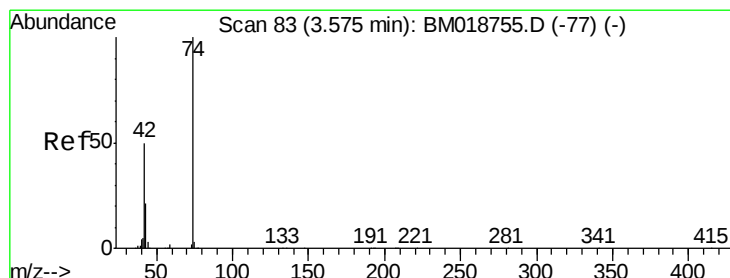


Abundance Ion 79.00 (78.70 to 79.70): BM018822.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018822.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM018822.D (-79) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 78.306 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

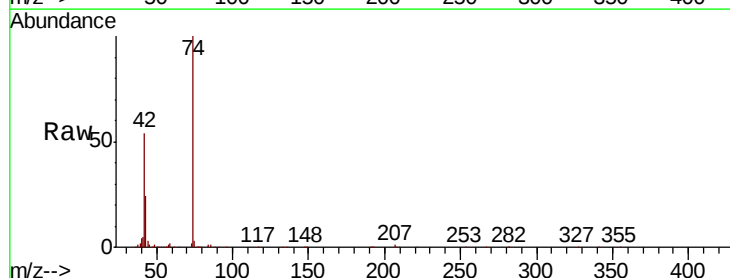
Tgt Ion: 42 Resp: 478207

Ion Ratio Lower Upper

42 100

74 184.4 158.1 237.1

44 5.9 4.9 7.3

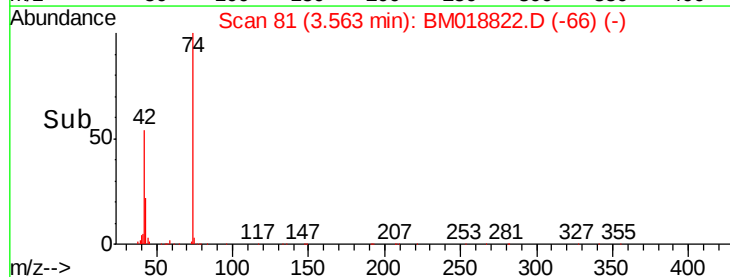


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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

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

Time-->

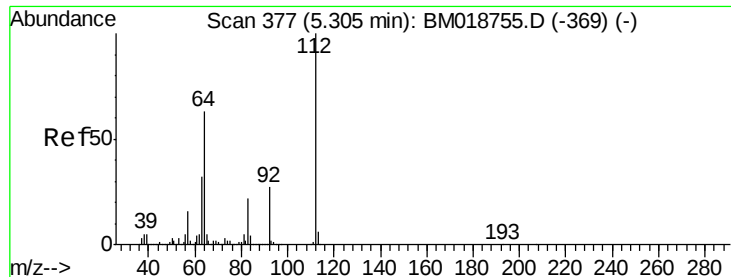


Abundance Ion 42.00 (41.70 to 42.70): BM018822.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018822.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018822.D (-66) (-)

Time-->



#5

2-Fluorophenol

Concen: 233.716 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:112 Resp: 4722456

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

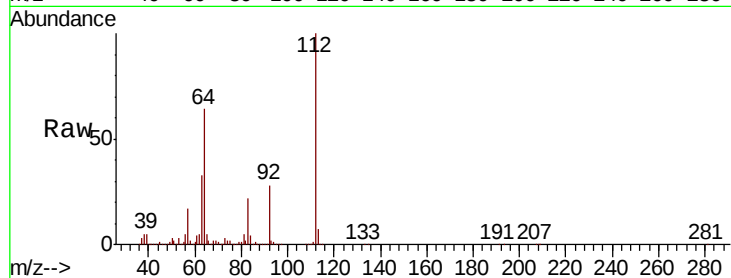
63 32.8 25.7 38.5

Manual Integrations

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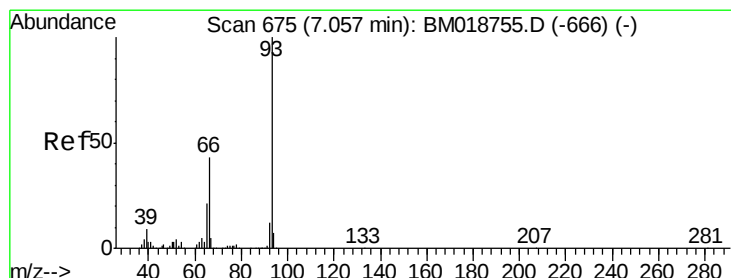
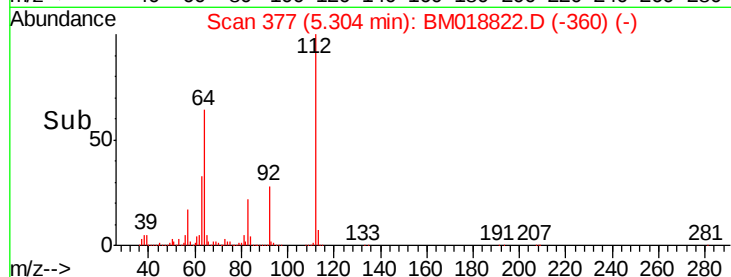
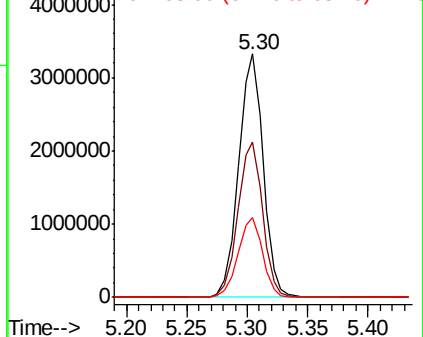
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 67.704 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

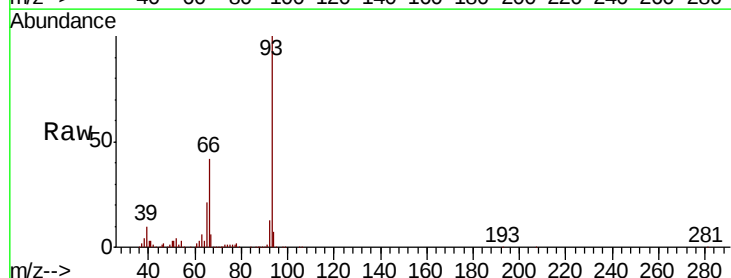
Tgt Ion: 93 Resp: 2361299

Ion Ratio Lower Upper

93 100

66 42.3 34.1 51.1

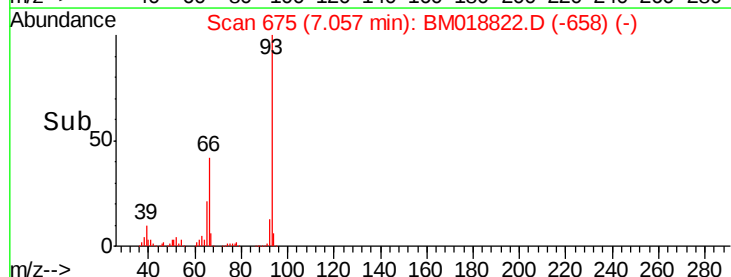
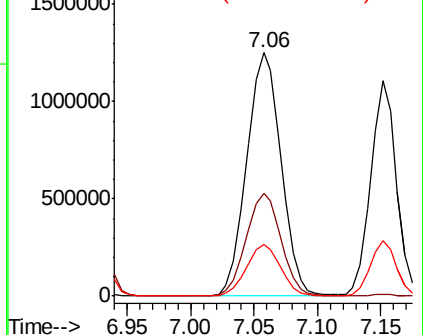
65 21.1 16.6 24.8



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: 242.938 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampled :

CH-021419MS

Tot Ion: 99 Resp: 6915277

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

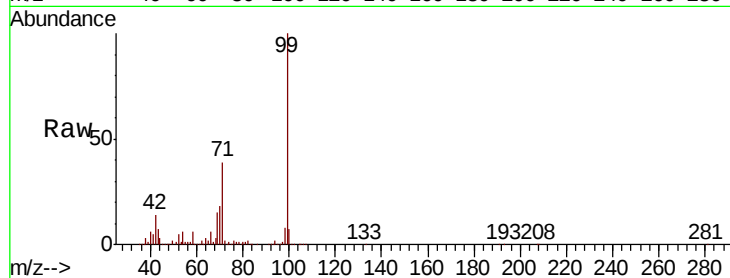
71 38.8 31.3 46.9

Manual Integrations

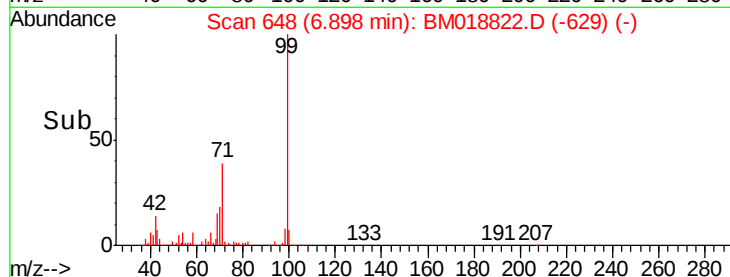
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Abundance Ion 99.00 (98.70 to 99.70): BM018822.D (-629) (-)

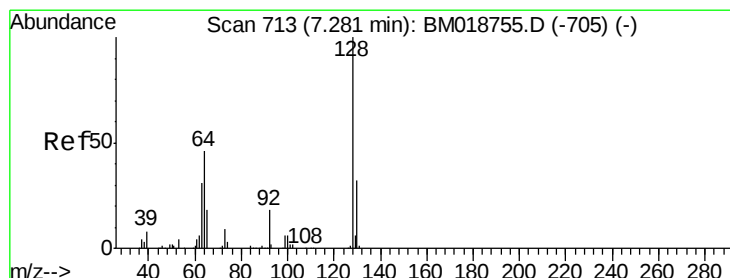


Ion 42.00 (41.70 to 42.70): BM018822.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018822.D (-629) (-)

Time-->

6.80 6.85 6.90 6.95 7.00



#8

2-Chlorophenol

Concen: 72.891 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

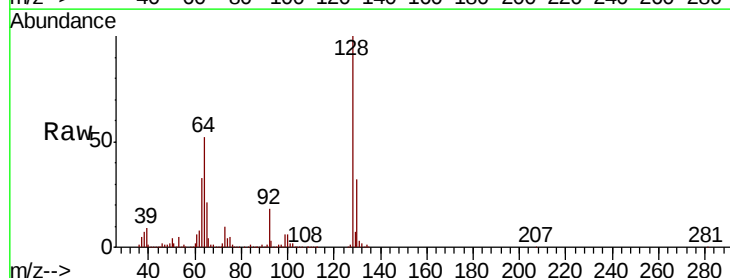
Tgt Ion: 128 Resp: 1617042

Ion Ratio Lower Upper

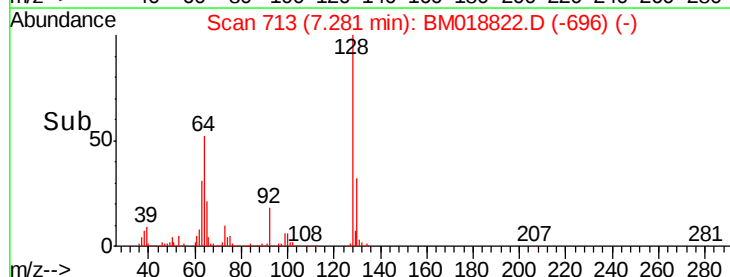
128 100

130 32.1 11.7 51.7

64 52.0 31.0 71.0



Abundance Ion 128.00 (127.70 to 128.70): BM018822.D (-696) (-)

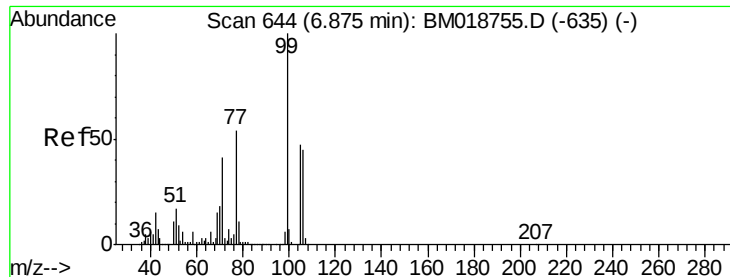


Ion 130.00 (129.70 to 130.70): BM018822.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018822.D (-696) (-)

Time-->

7.20 7.25 7.30 7.35



#9

Benzaldehyde

Concen: 50.622 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

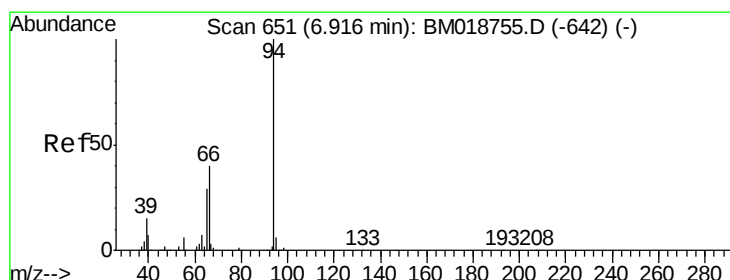
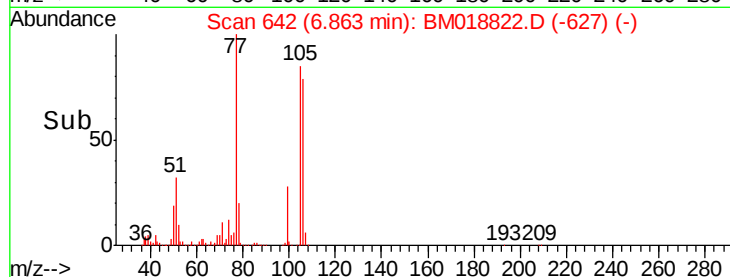
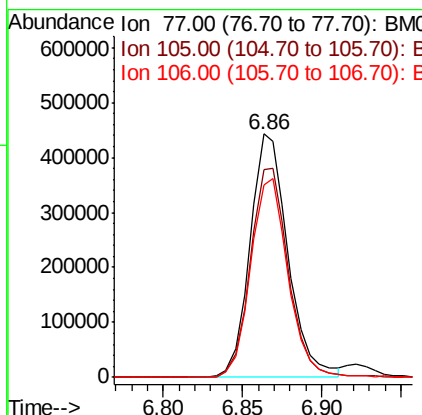
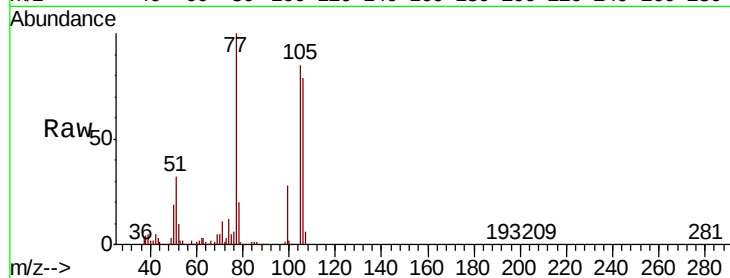
ClientSampleId :

CH-021419MS

Tot Ion:	77	Resp:	734744
Ion	Ratio	Lower	Upper
77	100		
105	85.2	67.3	107.3
106	79.0	62.9	102.9

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#10

Phenol

Concen: 86.634 ng

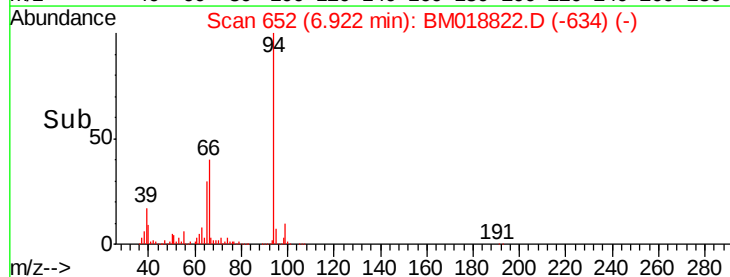
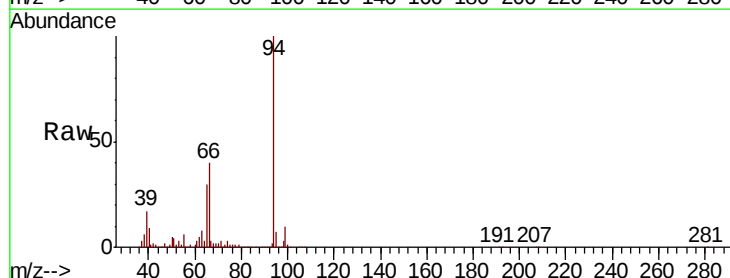
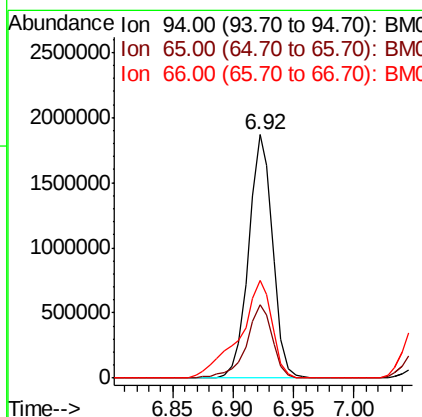
RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:	94	Resp:	2594780
Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.6	49.6
66	40.4	20.4	60.4





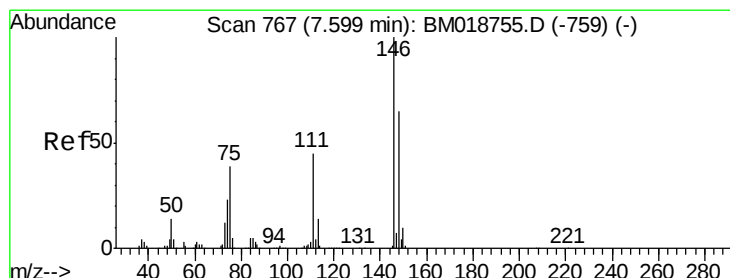
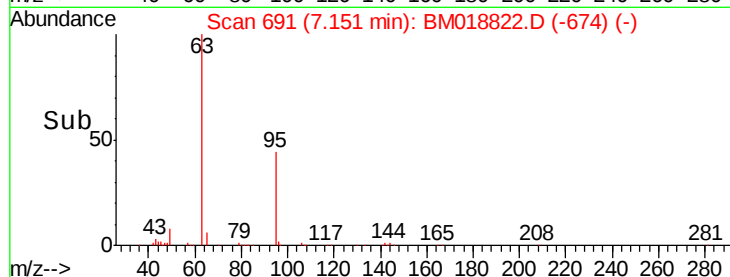
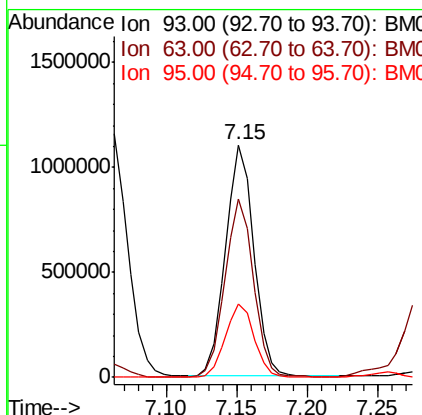
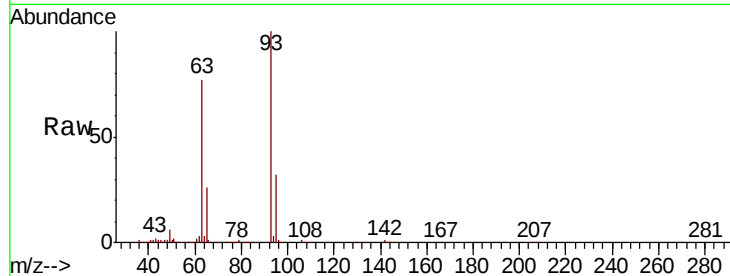
#11
bis(2-Chloroethyl)ether
Concen: 67.317 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.8	57.0	97.0
95	31.6	12.4	52.4

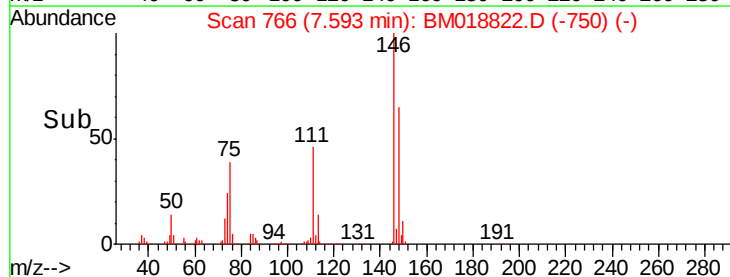
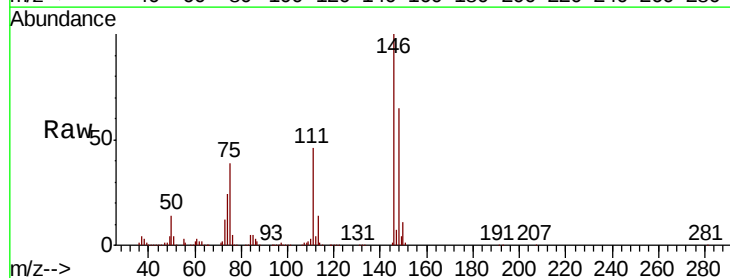
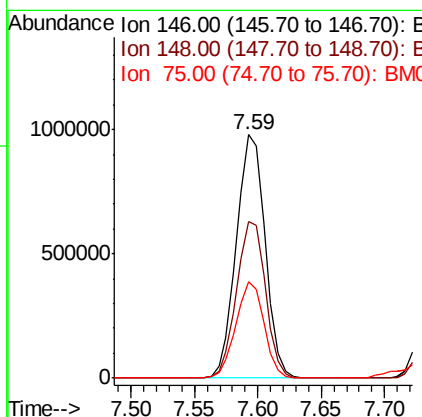
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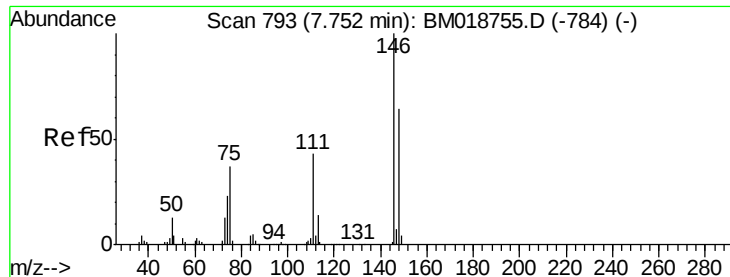
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#12
1,3-Dichlorobenzene
Concen: 61.718 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	39.3	31.3	46.9





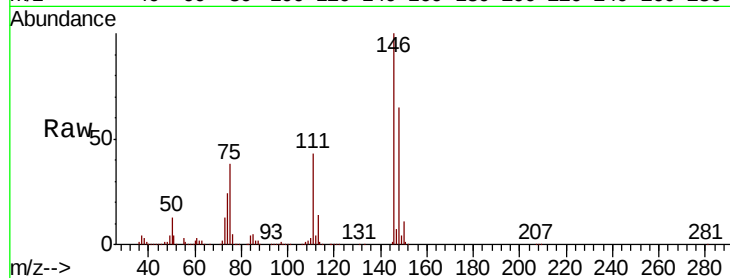
#13
1,4-Dichlorobenzene
Concen: 62.778 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	43.0	34.6	52.0

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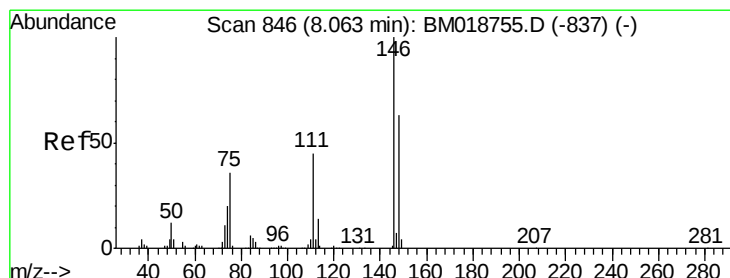
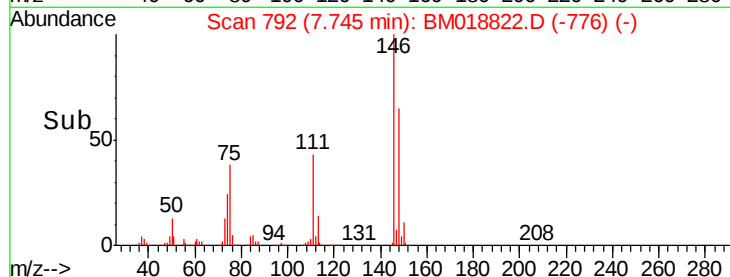
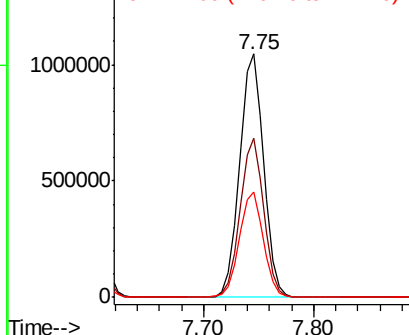


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 63.992 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

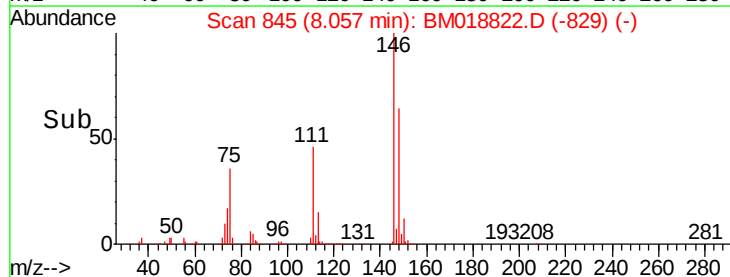
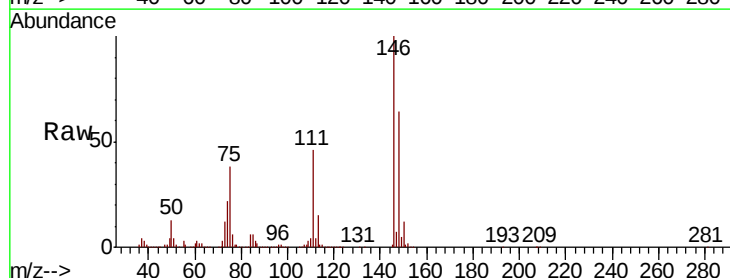
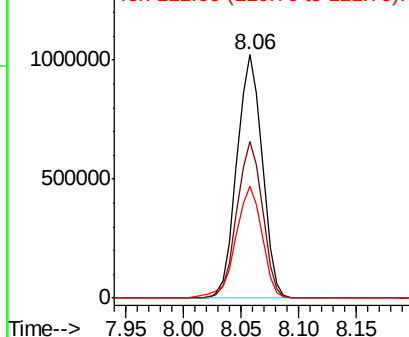
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
111	46.0	35.9	53.9

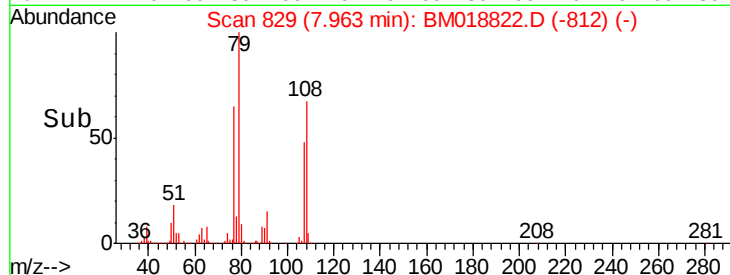
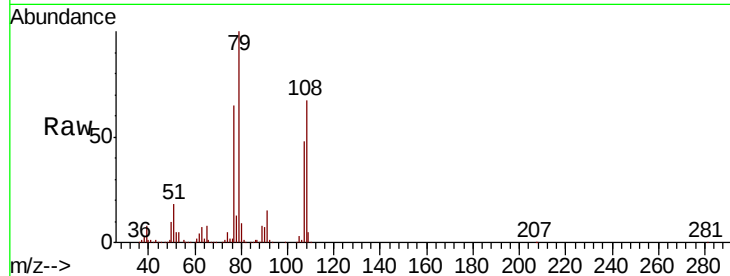
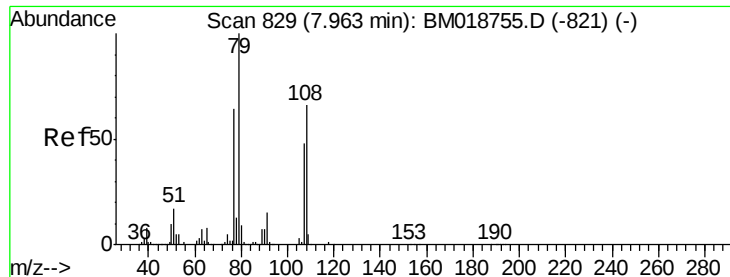
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 75.629 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tot Ion: 79 Resp: 1710583

Ion Ratio Lower Upper

79 100

108 67.1 52.7 79.1

77 65.2 51.0 76.4

Instrument :

BNA_M

ClientSampled :

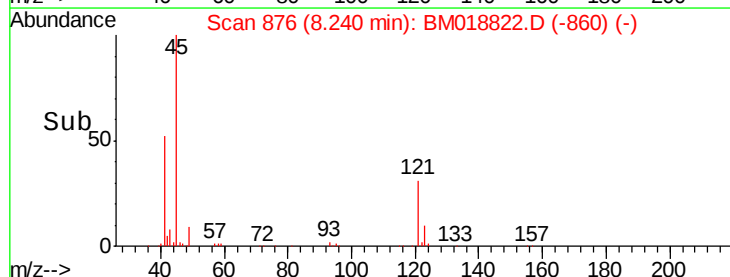
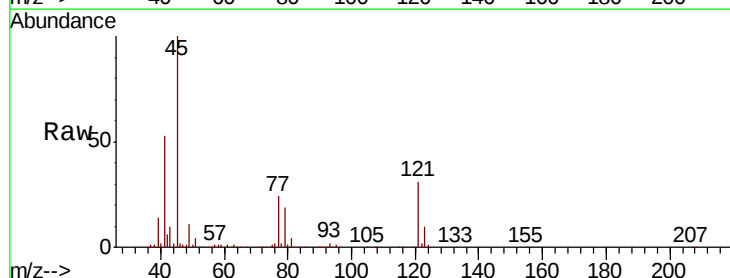
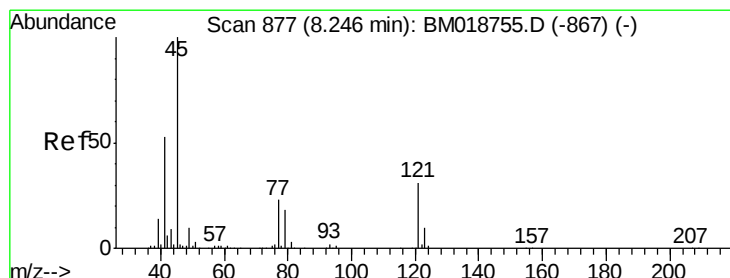
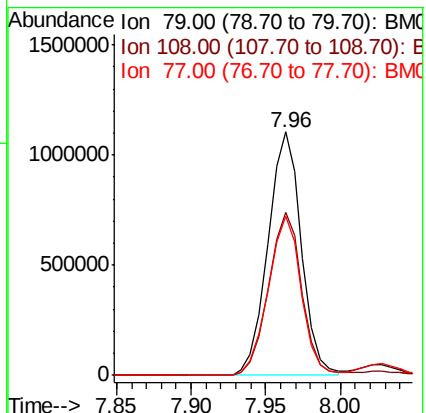
CH-021419MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.668 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

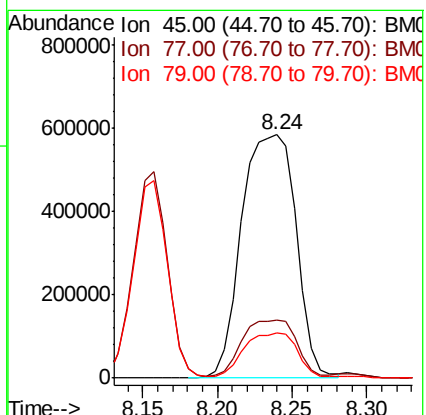
Tgt Ion: 45 Resp: 1474211

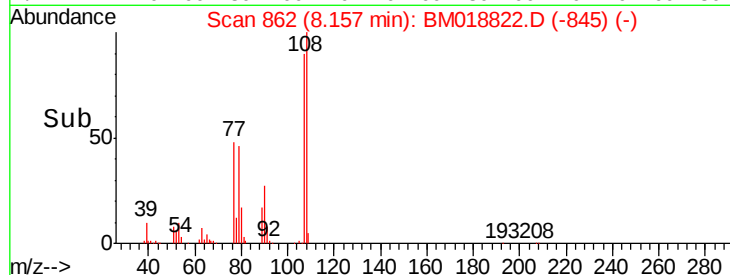
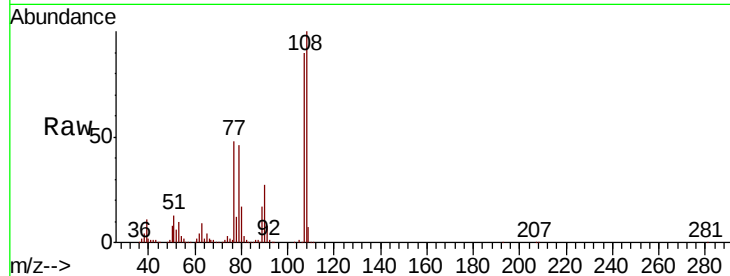
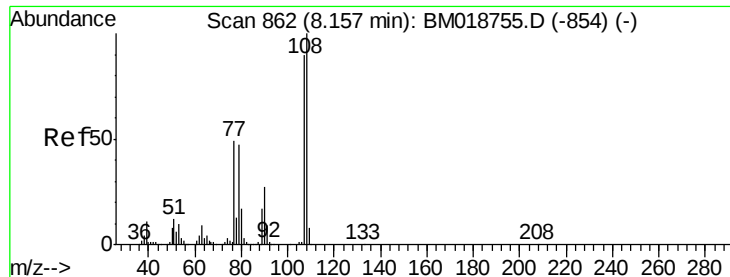
Ion Ratio Lower Upper

45 100

77 23.8 5.0 45.0

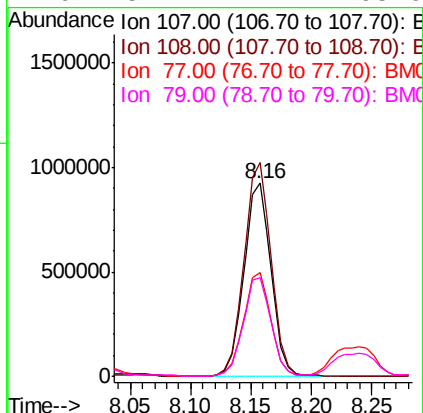
79 18.8 0.0 39.3





#17
2-Methylphenol
Concen: 75.768 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

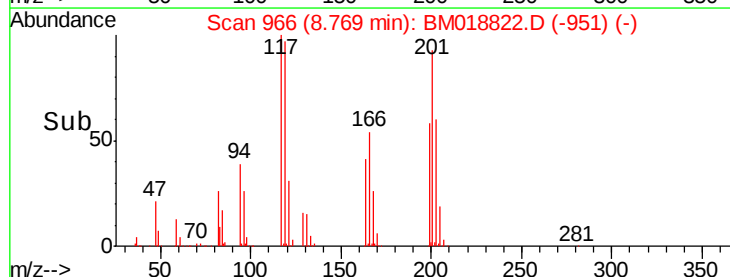
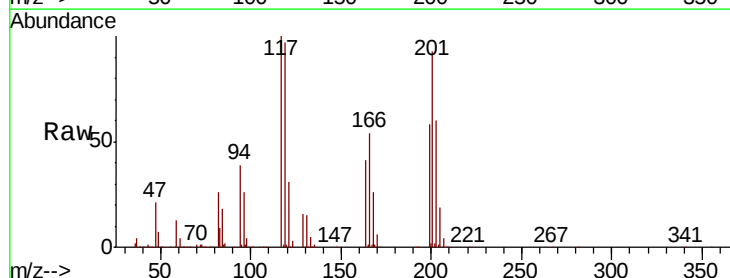
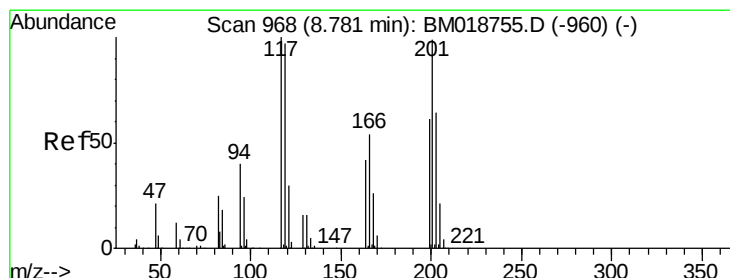
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.8	133.2
77	53.5	44.0	66.0
79	51.2	42.4	63.6



Instrument :
BNA_M
ClientSampleId :
CH-021419MS

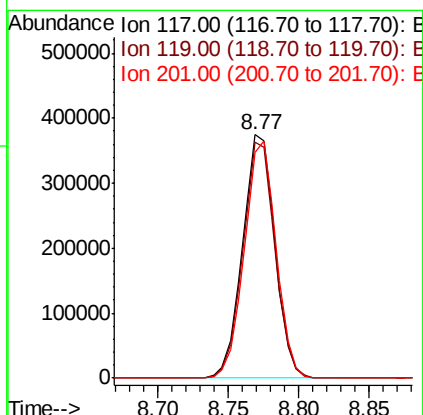
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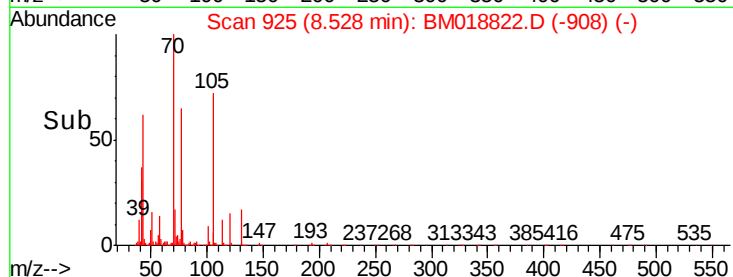
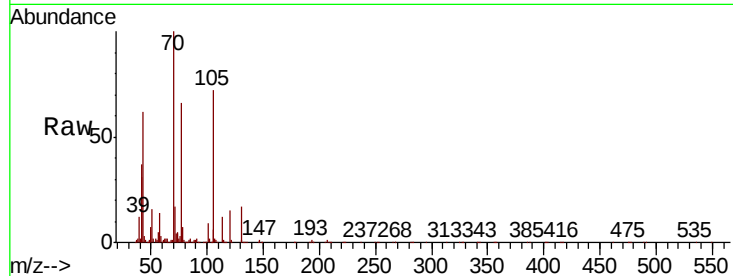
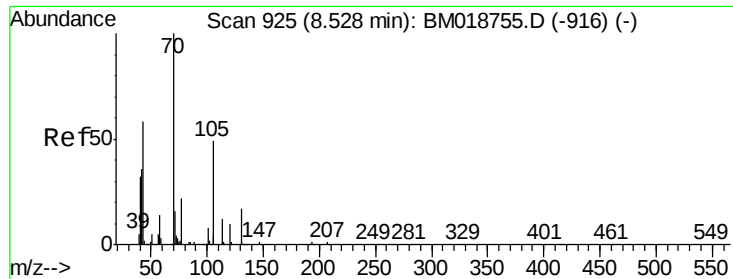
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#18
Hexachloroethane
Concen: 64.929 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.9	116.9
201	92.7	79.2	118.8





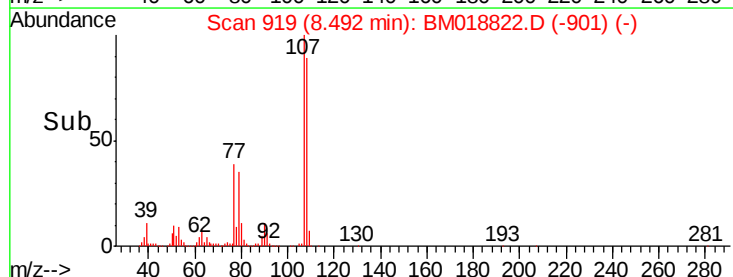
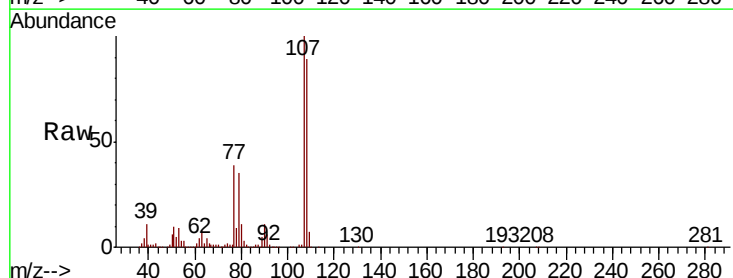
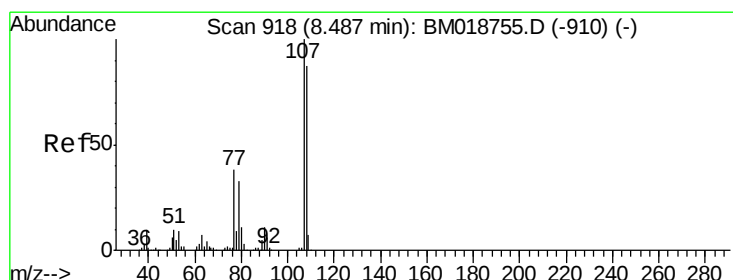
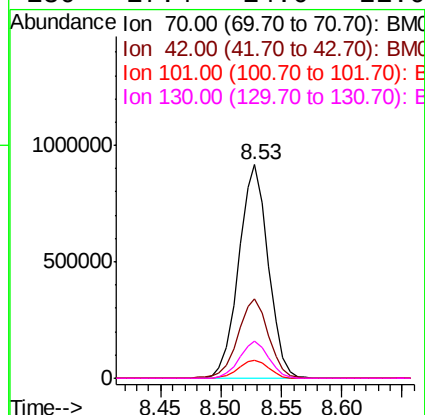
#19
n-Nitroso-di-n-propylamine
Concen: 70.831 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampled :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	37.4	29.4	44.0
101	8.6	6.7	10.1
130	17.4	14.0	21.0

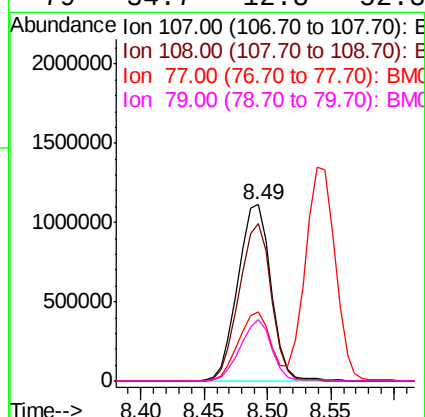
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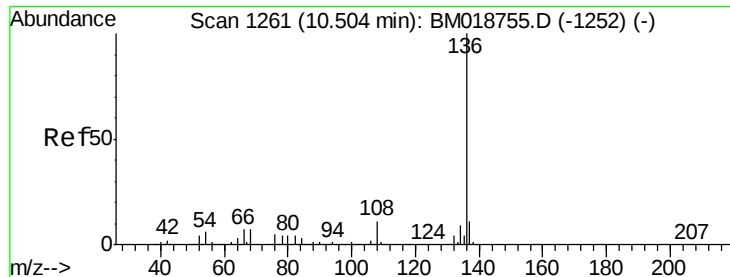
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#20
3+4-Methylphenols
Concen: 76.775 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	67.3	107.3
77	39.4	18.0	58.0
79	34.7	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: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:136 Resp: 1384378

Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

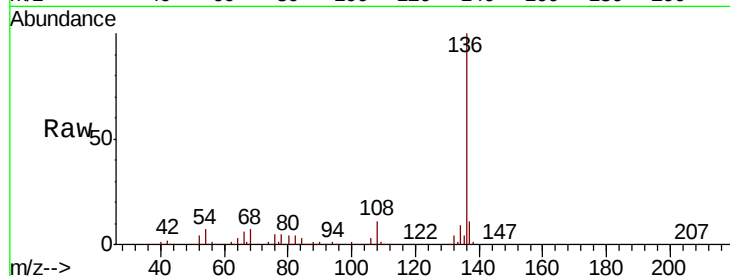
54 7.1 5.0 7.6

68 7.3 5.5 8.3

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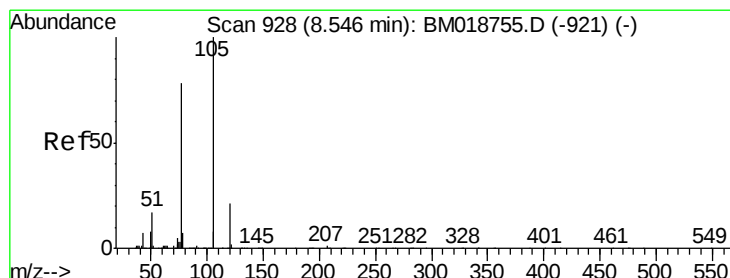
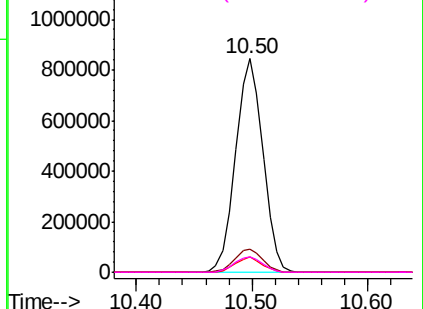
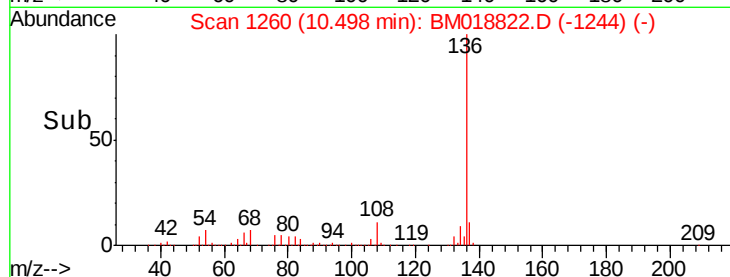


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.611 ng

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:105 Resp: 2570424

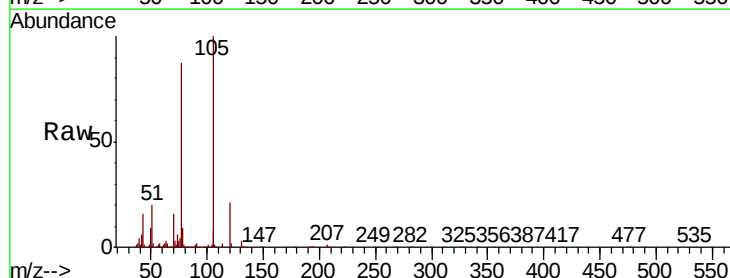
Ion Ratio Lower Upper

105 100

71 2.5 1.1 1.7#

51 19.8 15.5 23.3

120 21.2 17.0 25.4

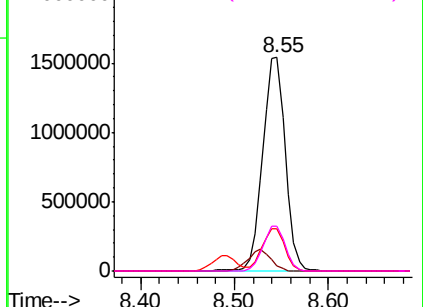
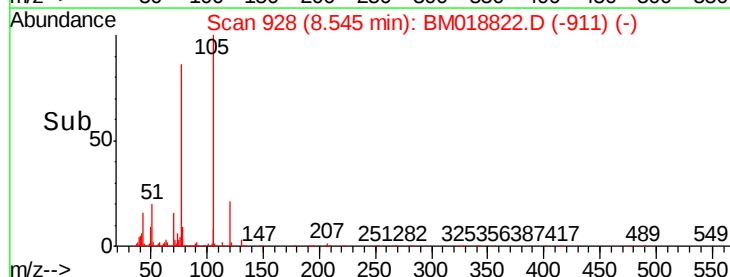


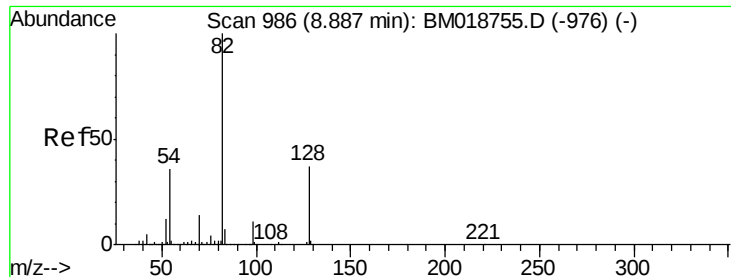
Abundance Ion 105.00 (104.70 to 105.70): E

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: 150.679 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

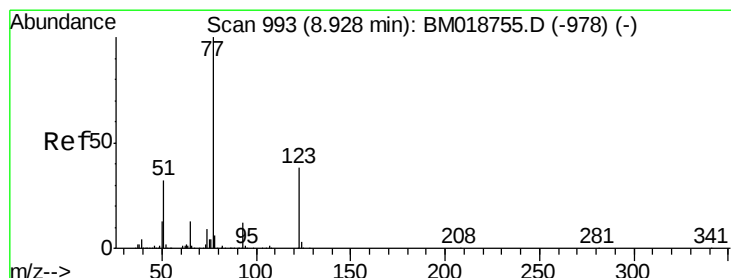
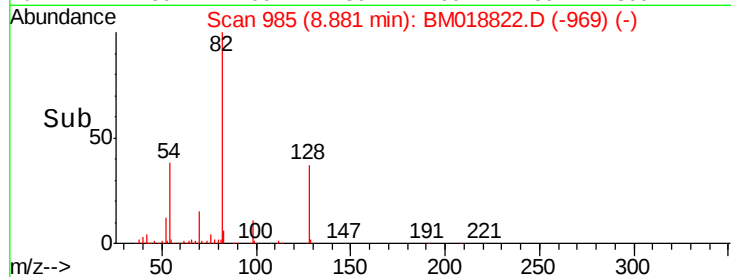
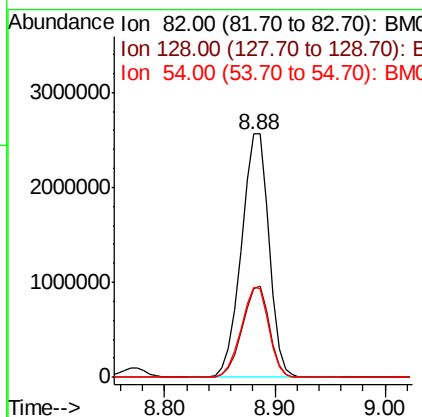
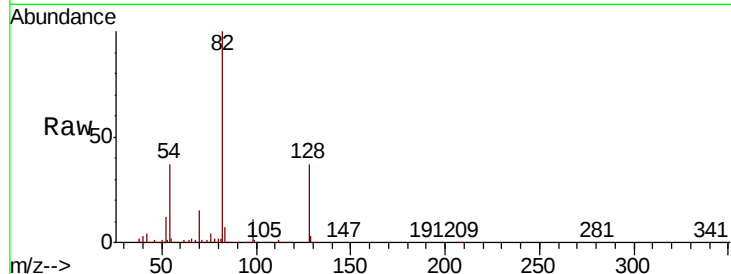
ClientSampleId :

CH-021419MS

Tot Ion:	82	Resp:	4511301
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.9	44.9
54	37.1	29.1	43.7

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#24

Nitrobenzene

Concen: 70.052 ng

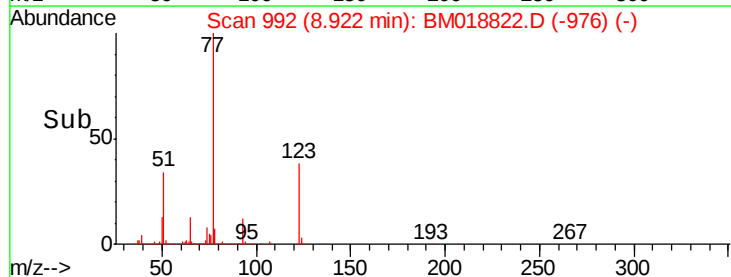
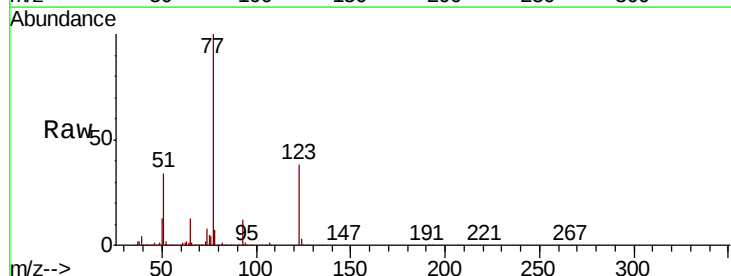
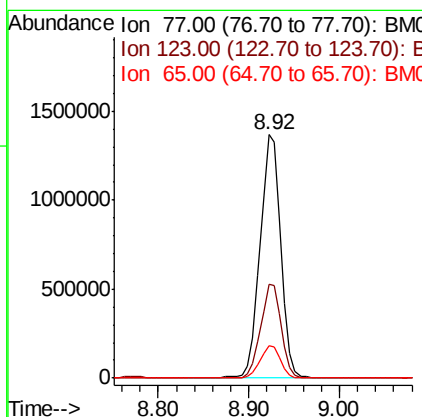
RT: 8.92 min Scan# 992

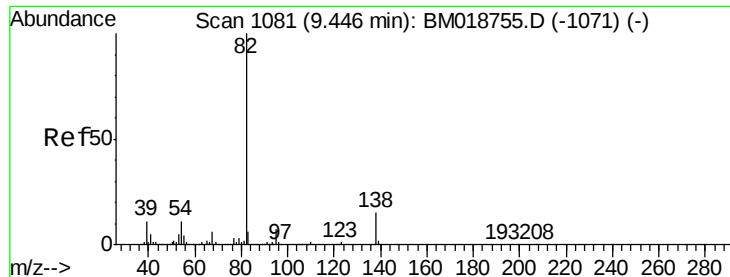
Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:	77	Resp:	2177037
Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.7	46.1
65	13.4	10.5	15.7





#25

Isophorone

Concen: 83.189 ng

RT: 9.45 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion: 82 Resp: 3974121

Ion Ratio Lower Upper

82 100

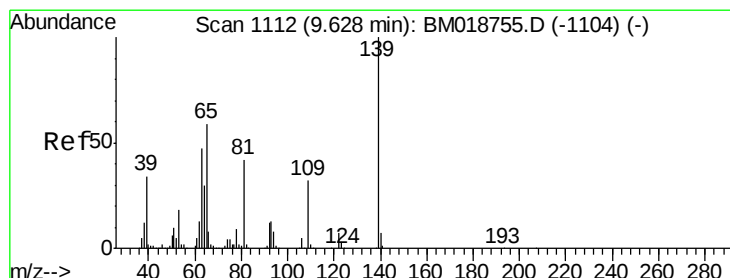
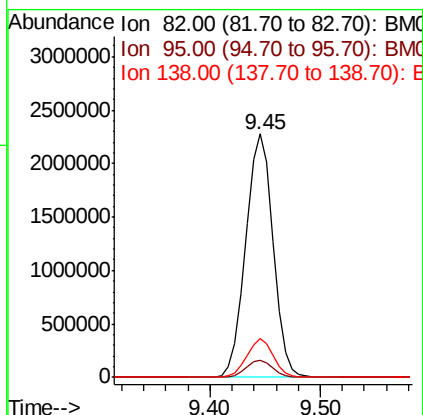
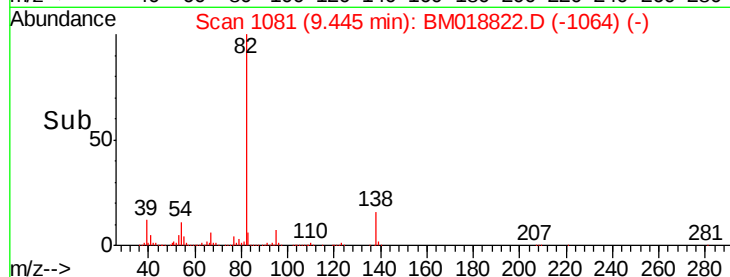
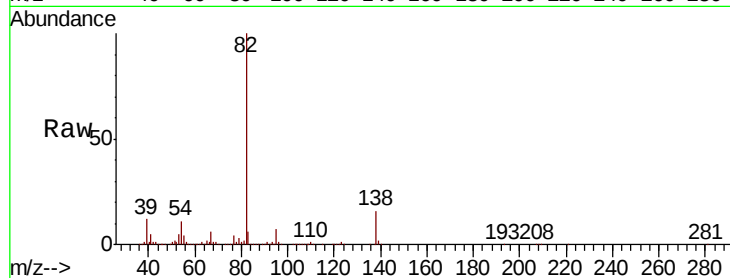
95 6.9 5.7 8.5

138 16.0 12.3 18.5

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#26

2-Nitrophenol

Concen: 74.175 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

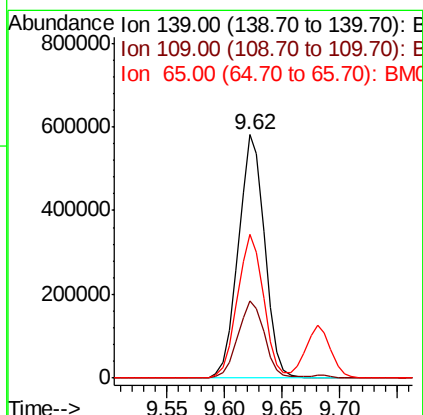
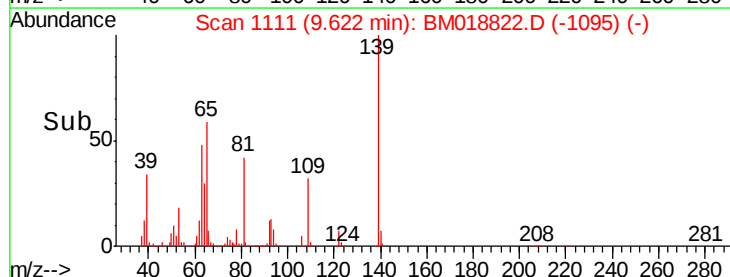
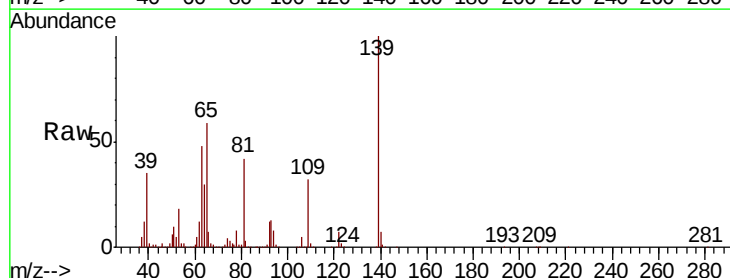
Tgt Ion: 139 Resp: 918005

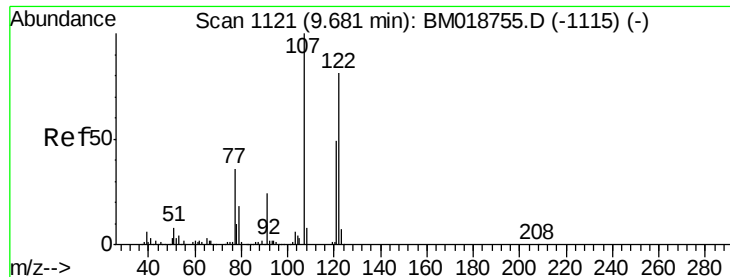
Ion Ratio Lower Upper

139 100

109 31.7 25.2 37.8

65 58.9 47.0 70.4





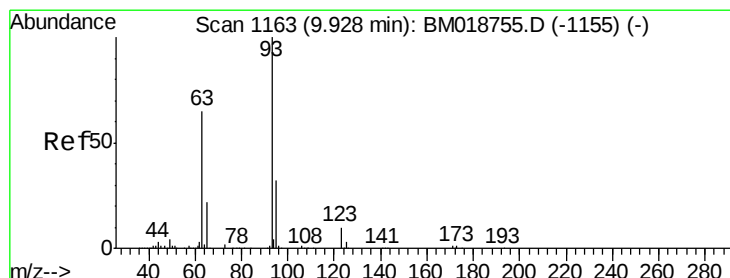
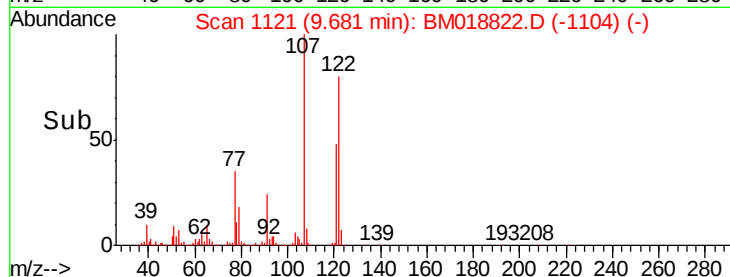
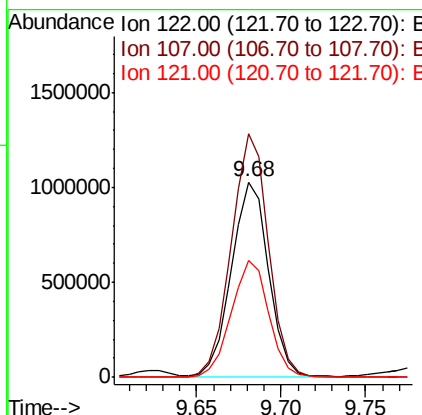
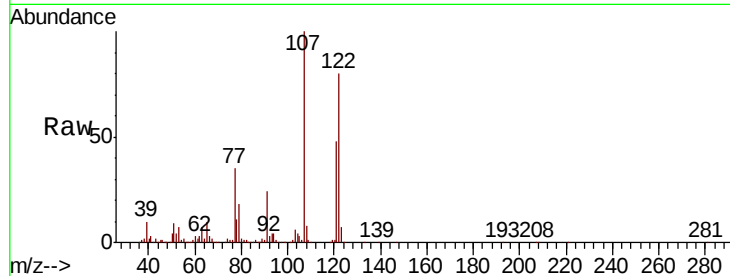
#27
2,4-Dimethylphenol
Concen: 86.376 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.7	97.6	146.4
121	59.7	47.9	71.9

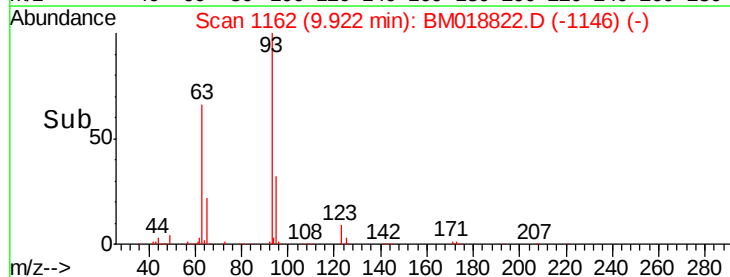
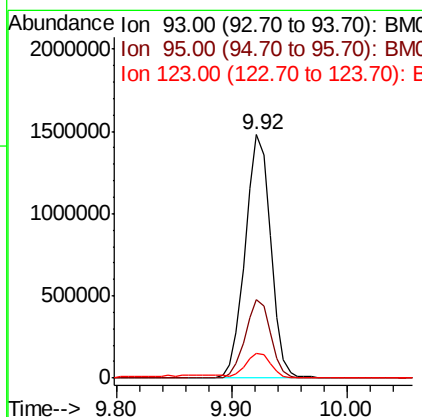
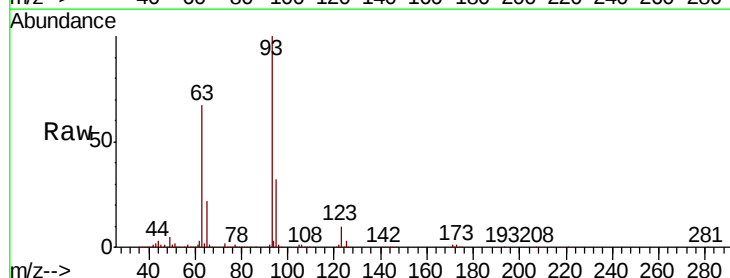
Manual Integrations
APPROVED

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#28
bis(2-Chloroethoxy)methane
Concen: 73.566 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.1	8.2	12.4





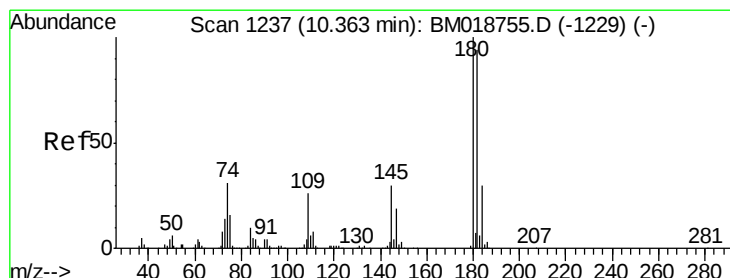
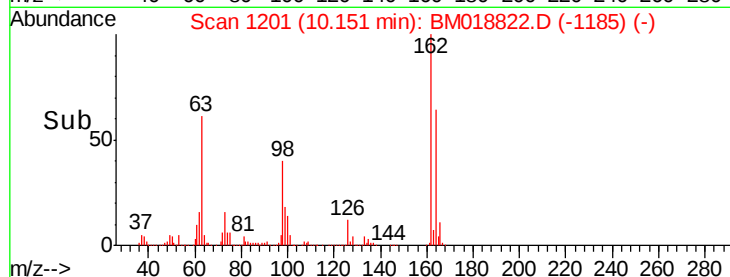
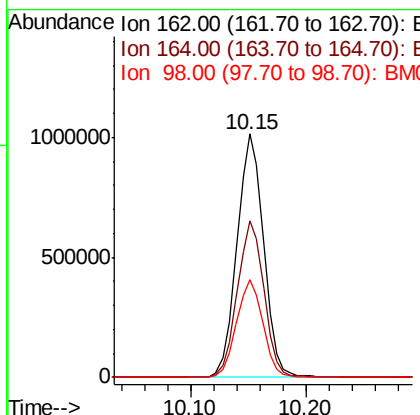
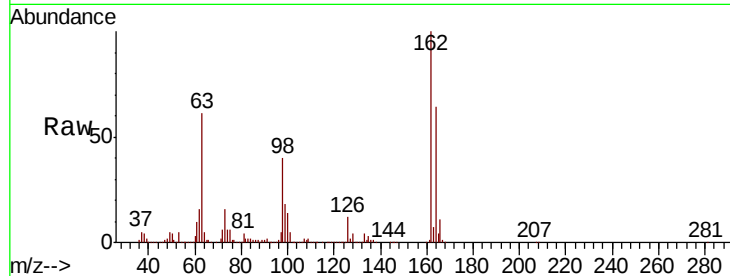
#29
2,4-Dichlorophenol
Concen: 77.902 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampled :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.1	84.1
98	40.1	19.4	59.4

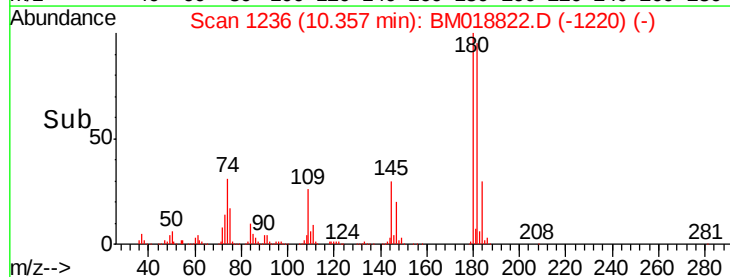
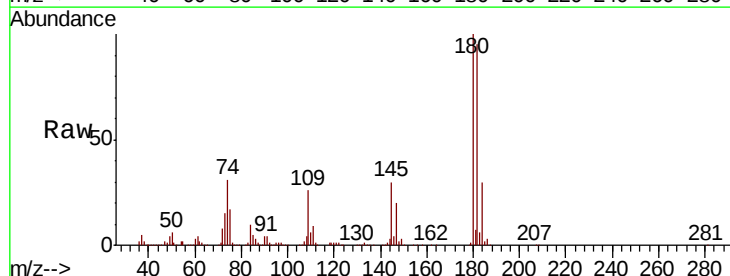
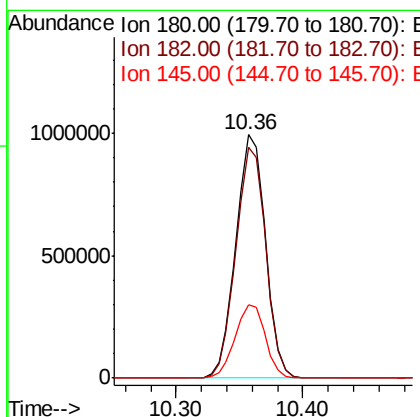
Manual Integrations
APPROVED

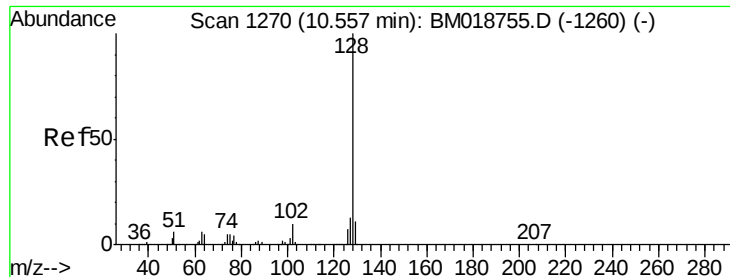
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 67.153 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.6
145	30.4	24.1	36.1





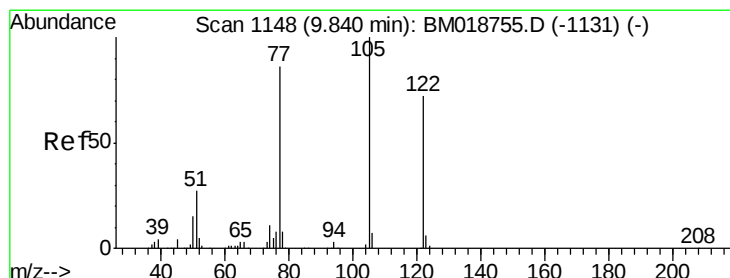
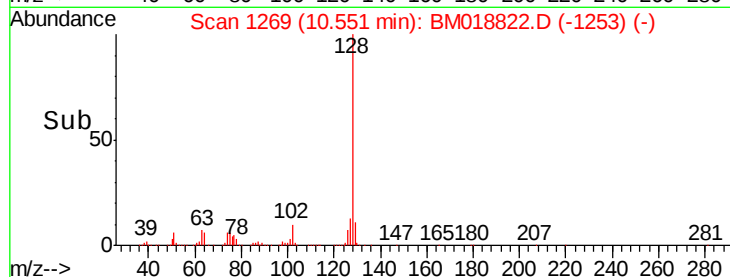
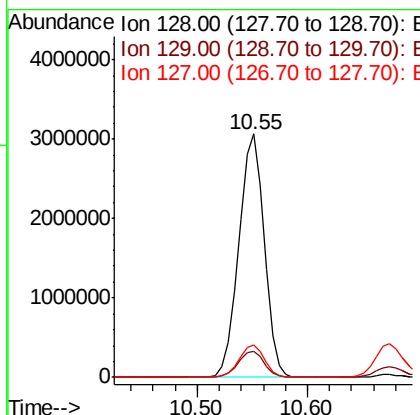
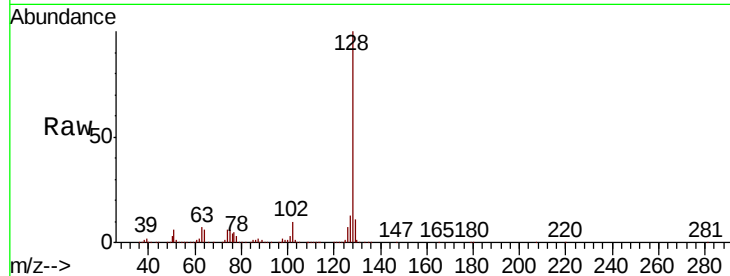
#31
Naphthalene
Concen: 73.511 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.5	10.7	16.1

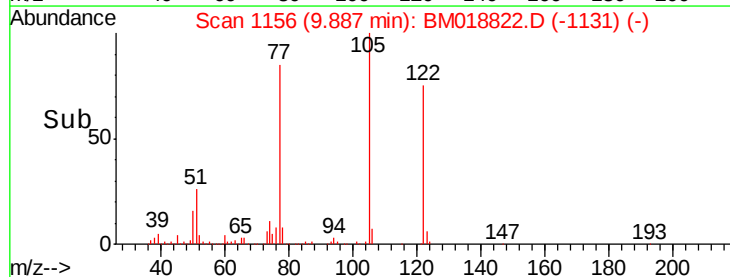
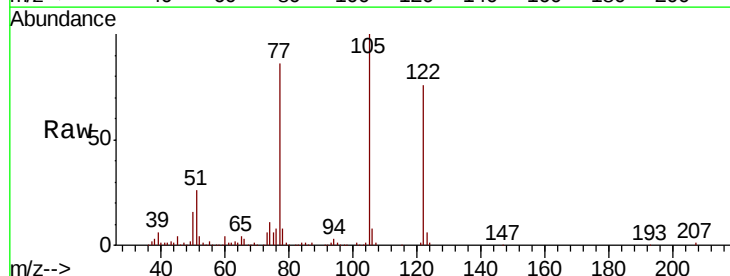
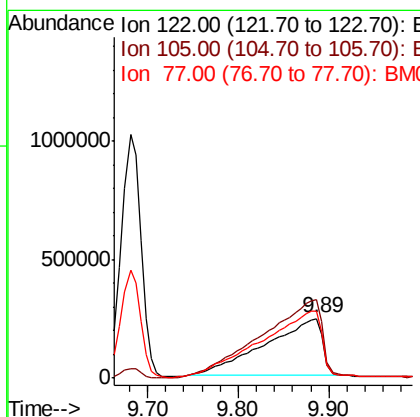
Manual Integrations
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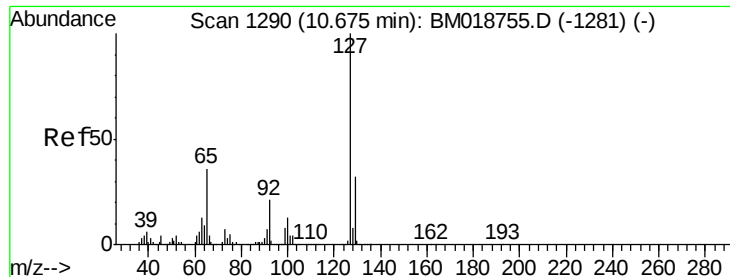
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#32
Benzoic acid
Concen: 67.135 ng
RT: 9.89 min Scan# 1156
Delta R.T. 0.05 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	117.5	157.5
77	112.9	98.5	138.5





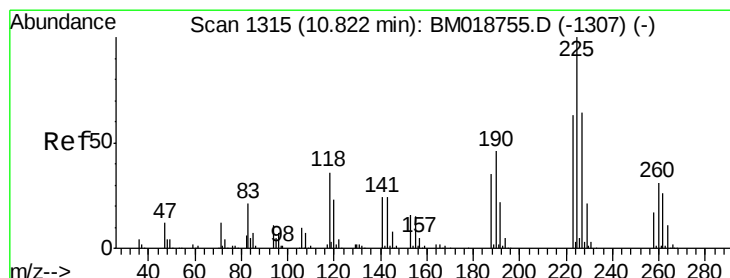
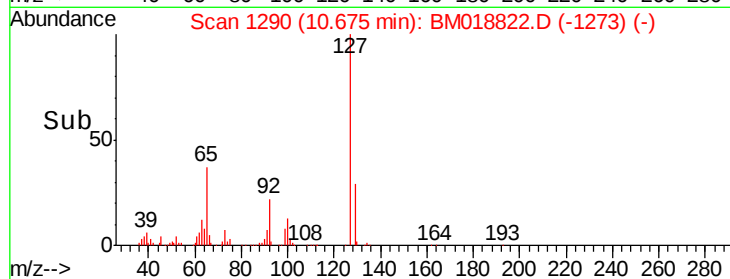
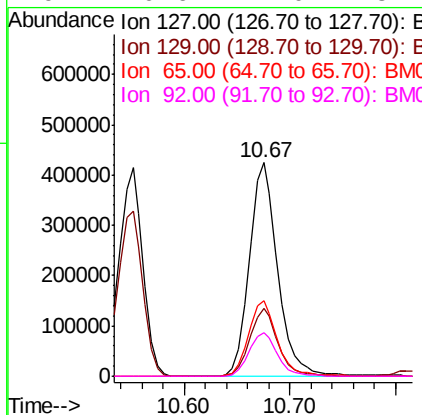
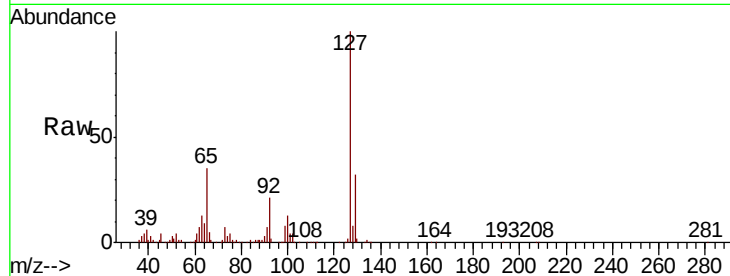
#33
4-Chloroaniline
Concen: 26.107 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.7	38.5		
65	35.1	28.7	43.1		
92	20.6	17.0	25.4		

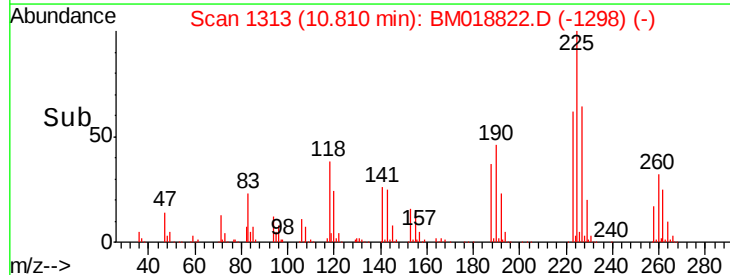
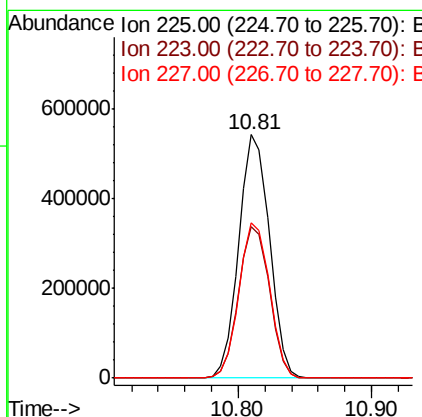
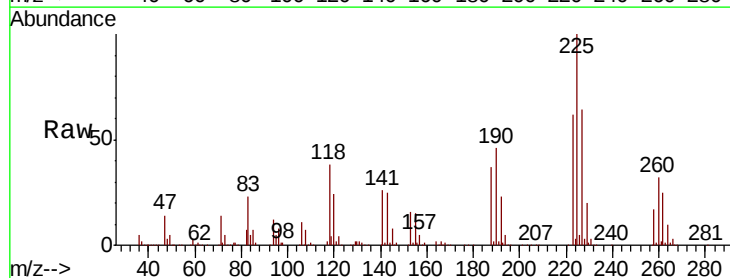
Manual Integrations
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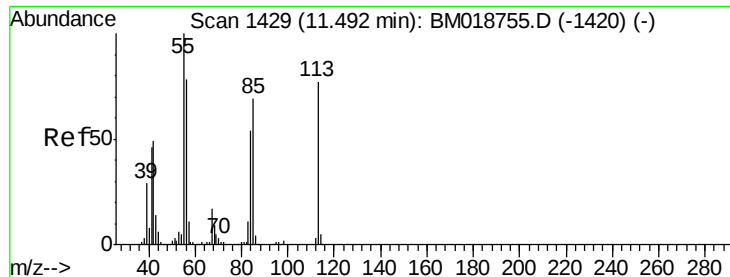
Sohil
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#34
Hexachlorobutadiene
Concen: 61.976 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.1	75.1		
227	63.7	51.4	77.0		





#35

Caprolactam

Concen: 70.461 ng/mL

RT: 11.52 min Scan# 1434

Delta R.T. 0.03 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

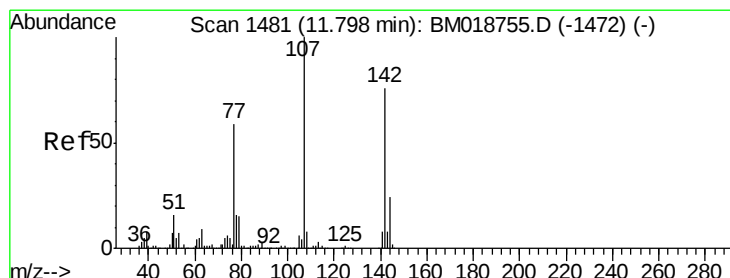
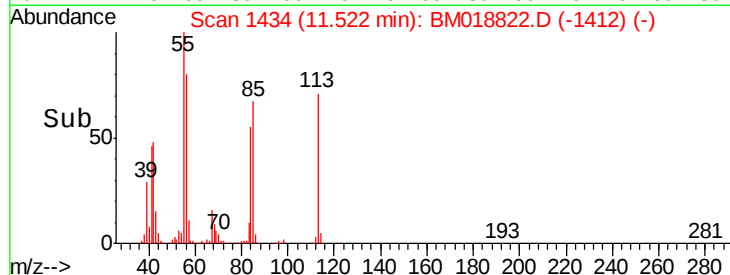
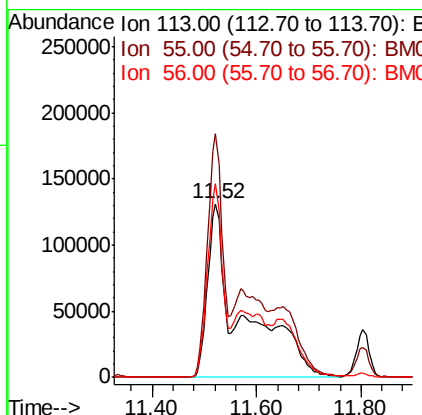
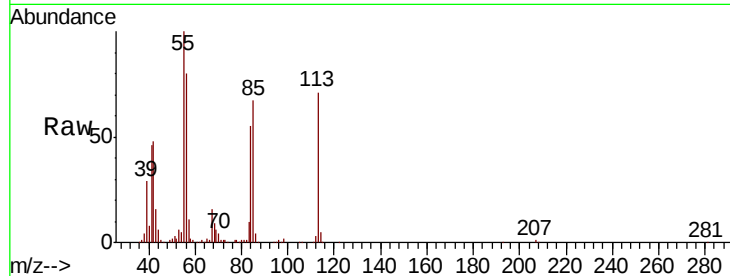
ClientSampleId :

CH-021419MS

Tot Ion:	113	Resp:	596860
Ion Ratio	Lower	Upper	
113	100		
55	140.2	110.7	150.7
56	111.8	82.4	122.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 78.751 ng/mL

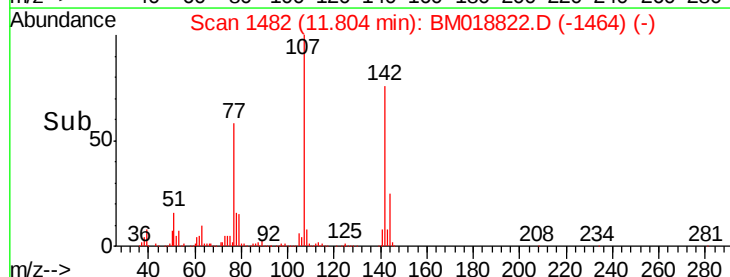
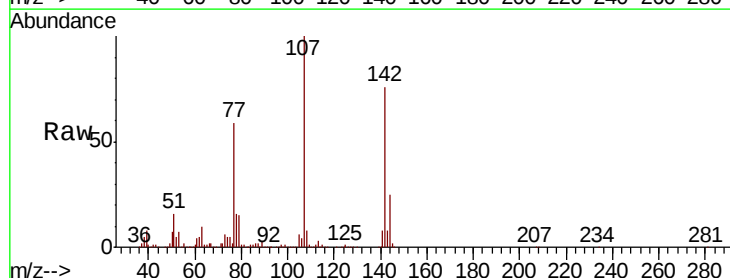
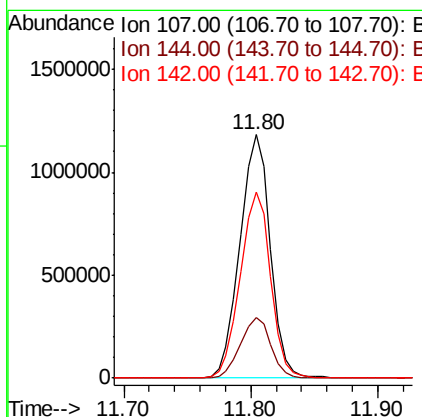
RT: 11.80 min Scan# 1482

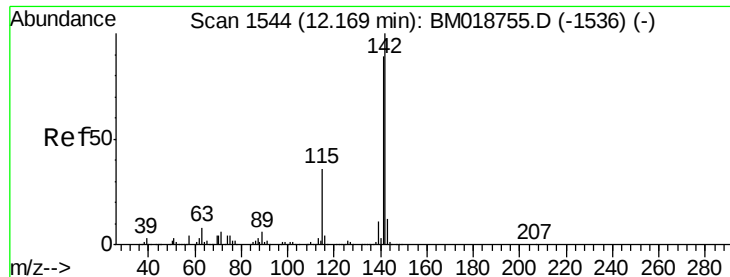
Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:	107	Resp:	1970712
Ion Ratio	Lower	Upper	
107	100		
144	24.9	19.3	28.9
142	76.4	60.5	90.7





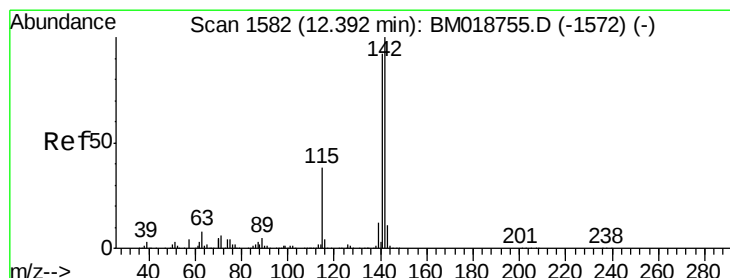
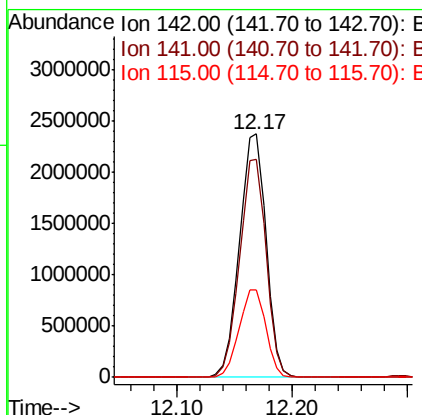
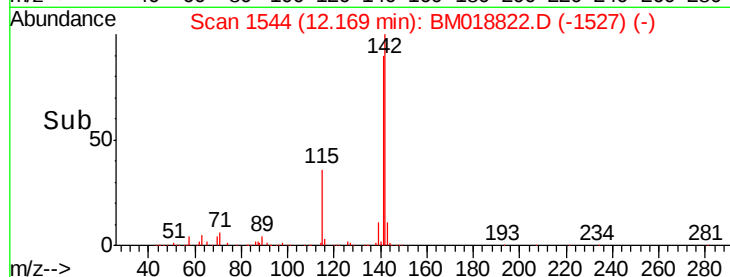
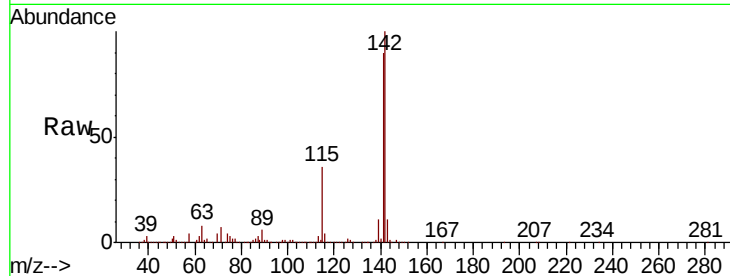
#37
2-Methylnaphthalene
Concen: 79.645 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	36.0	29.1	43.7

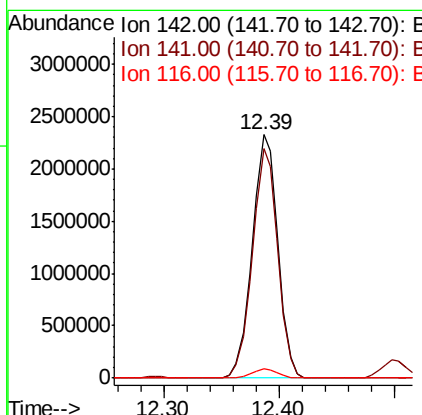
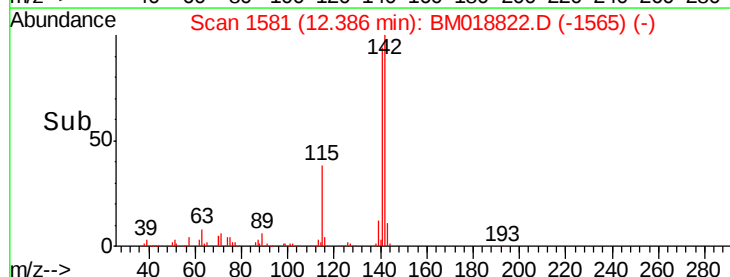
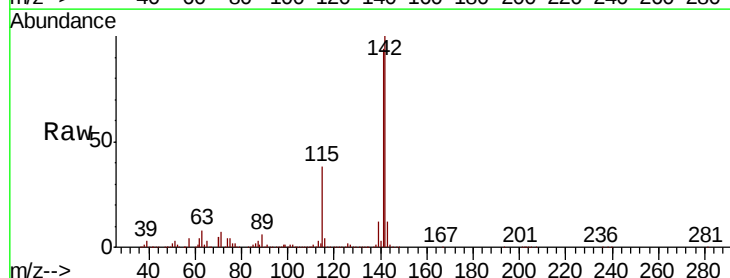
Manual Integrations
APPROVED

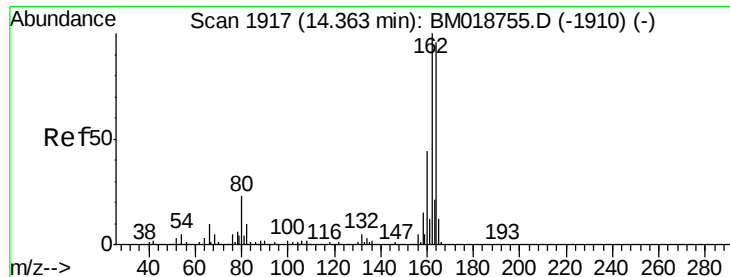
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#38
1-Methylnaphthalene
Concen: 77.186 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.9	110.9
116	4.1	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

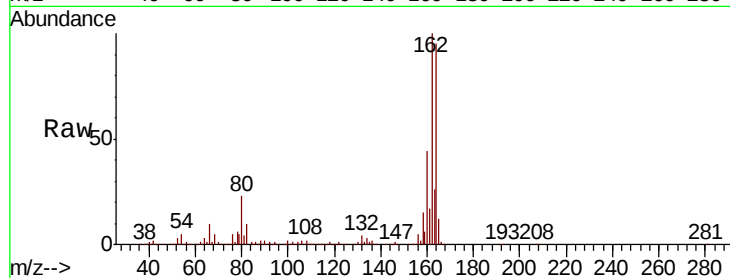
ClientSampleId :

CH-021419MS

Tot Ion:	164	Resp:	811509
Ion	Ratio	Lower	Upper
164	100		
162	105.8	83.4	125.0
160	47.0	36.6	55.0

Manual Integrations
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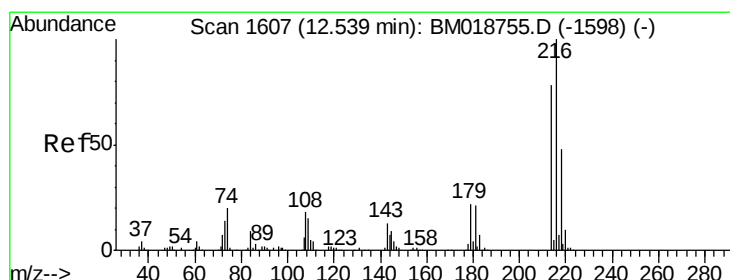
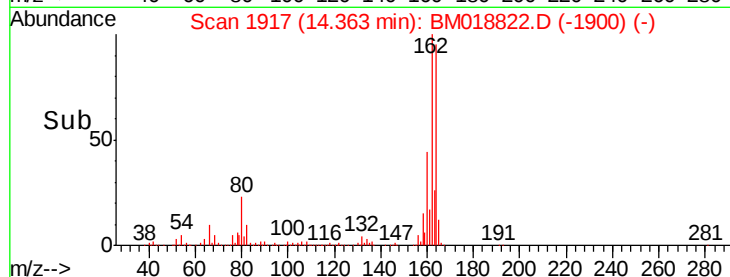
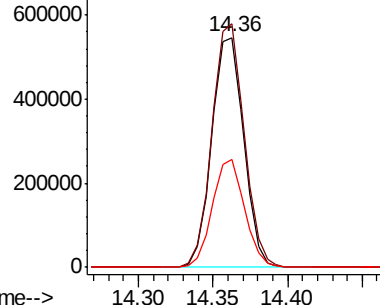


Abundance

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: 69.610 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:	216	Resp:	1807043
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.2	94.8
179	22.4	17.8	26.8
108	22.6	16.4	24.6

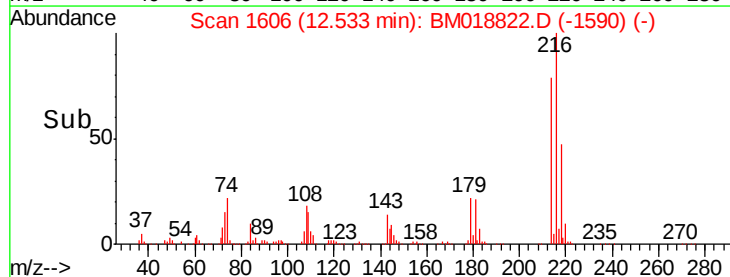
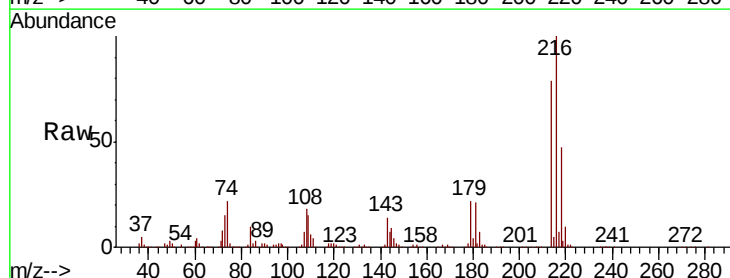
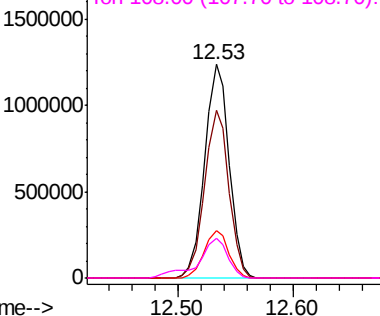
Abundance

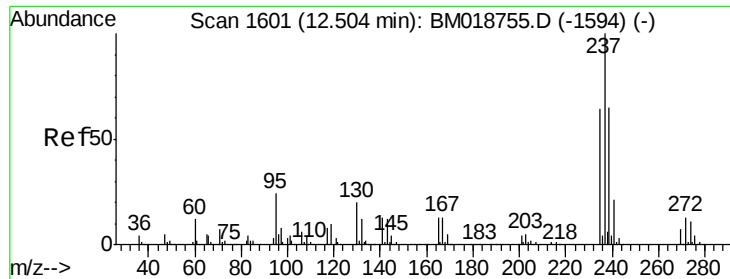
Ion 216.00 (215.70 to 216.70): E

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: 156.580 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:237 Resp: 2078177

Ion Ratio Lower Upper

237 100

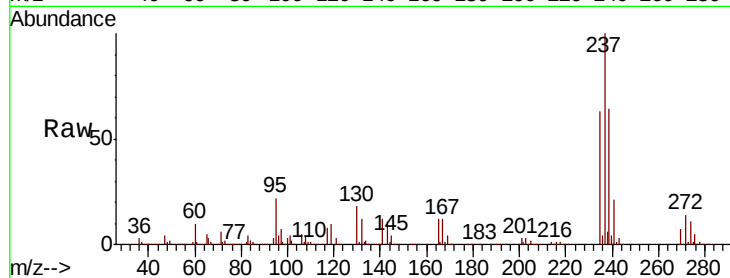
235 62.7 43.7 83.7

272 13.7 0.0 33.3

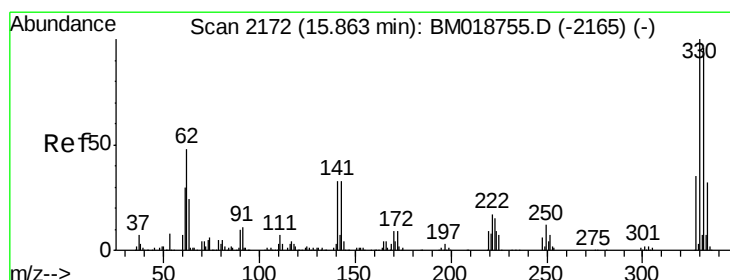
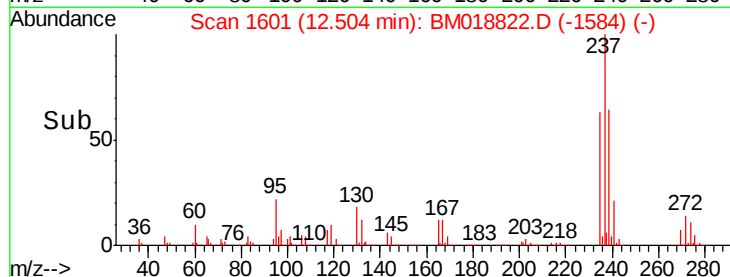
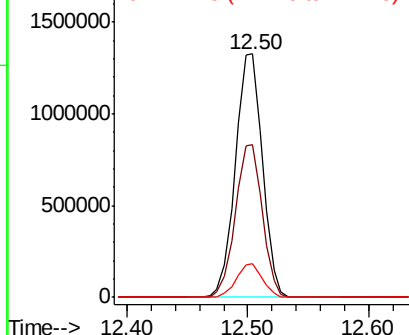
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 263.362 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

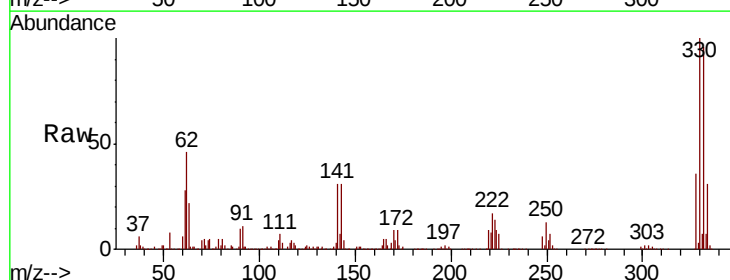
Tgt Ion:330 Resp: 3080720

Ion Ratio Lower Upper

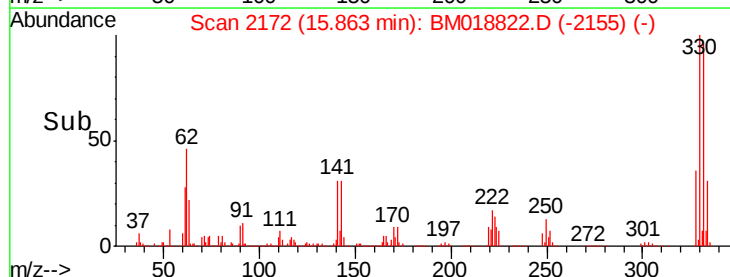
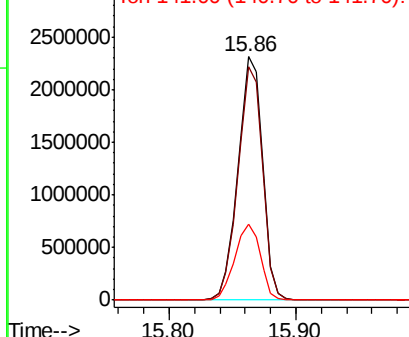
330 100

332 96.0 76.9 115.3

141 32.7 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





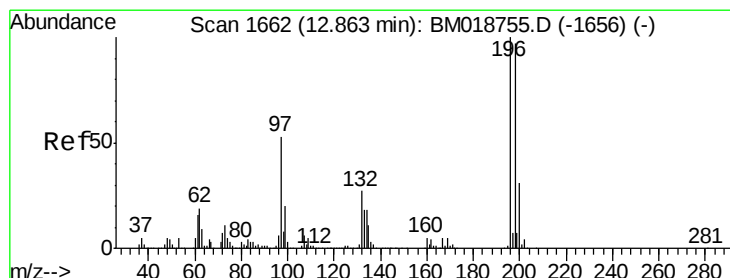
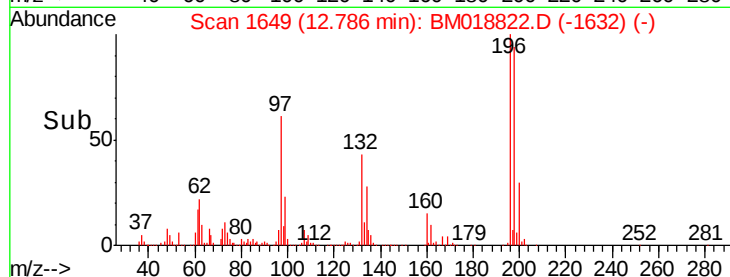
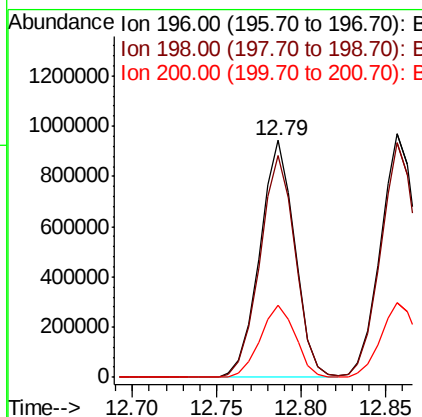
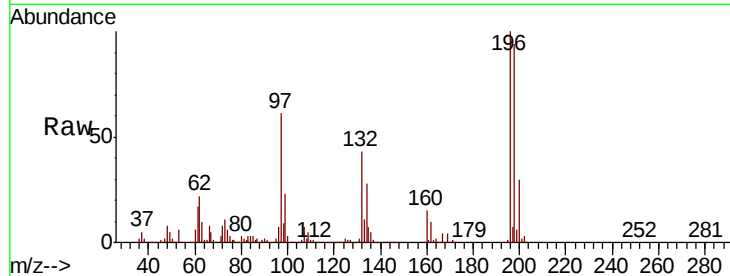
#43
 2,4,6-Trichlorophenol
 Concen: 78.768 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion:196 Resp: 1353631
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.2 114.2
 200 30.2 24.2 36.2

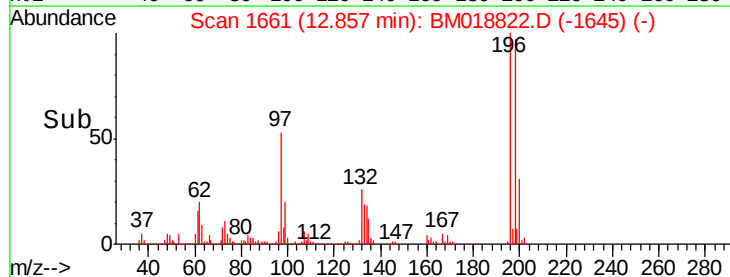
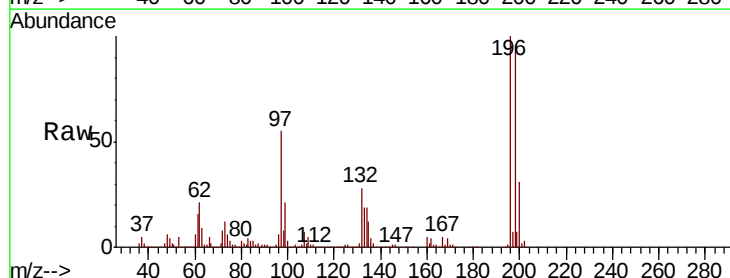
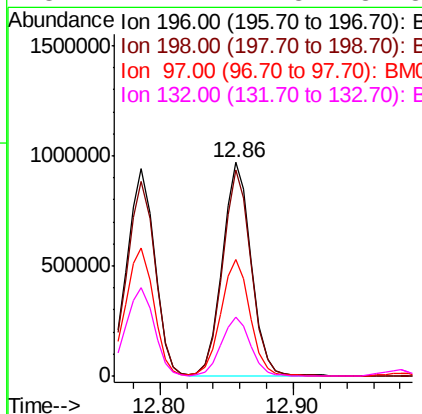
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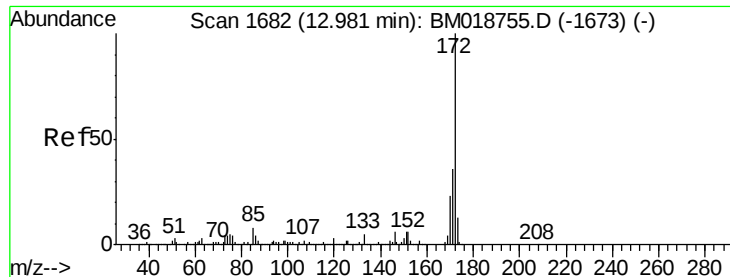
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#44
 2,4,5-Trichlorophenol
 Concen: 80.986 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:196 Resp: 1458746
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.6 116.4
 97 54.7 42.8 64.2
 132 27.7 21.8 32.8





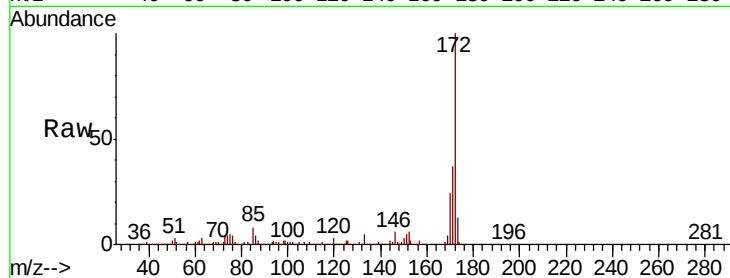
#45
2-Fluorobiphenyl
Concen: 138.909 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	23.9	18.6	28.0

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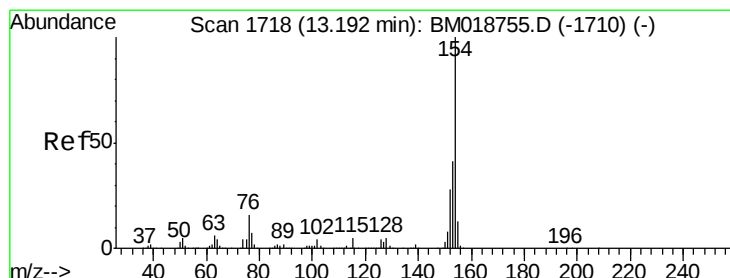
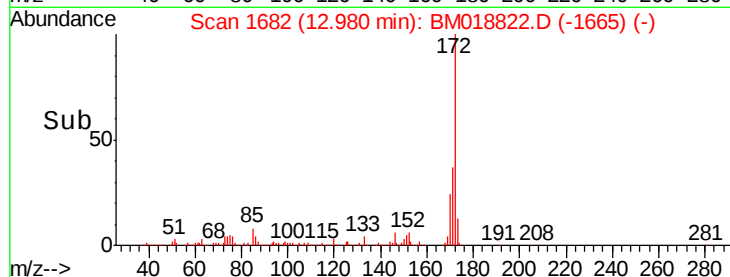
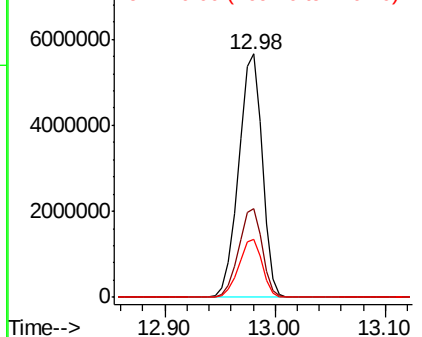


Abundance

Ion 172.00 (171.70 to 172.70): E

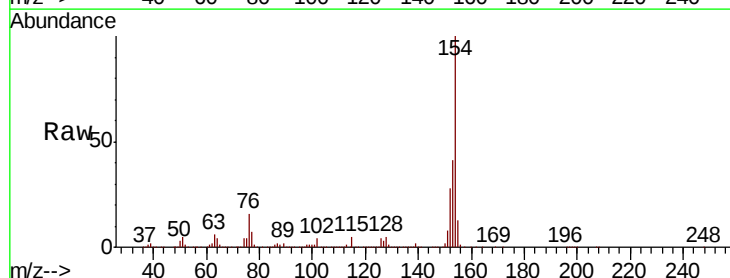
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 69.329 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	15.8	0.0	35.7

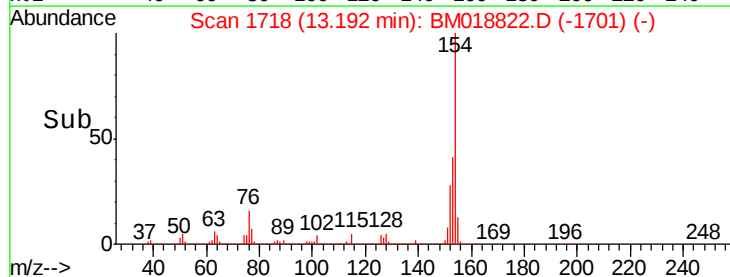
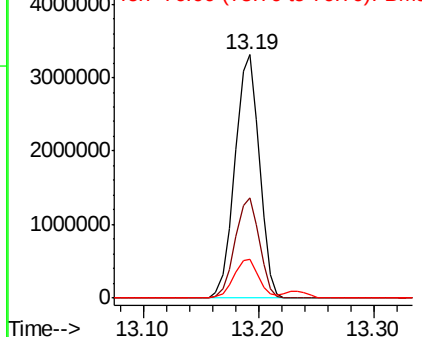


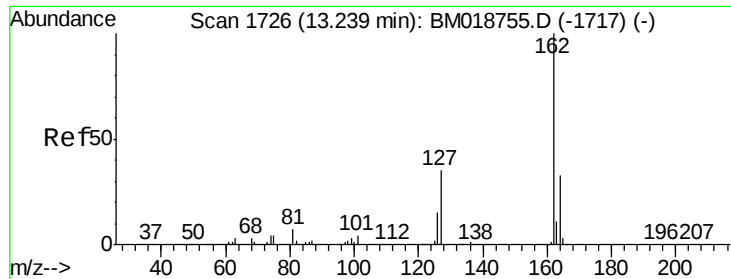
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





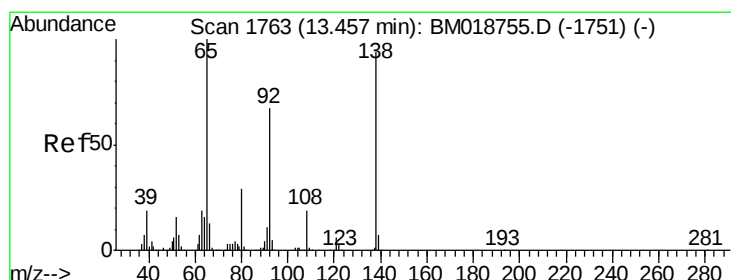
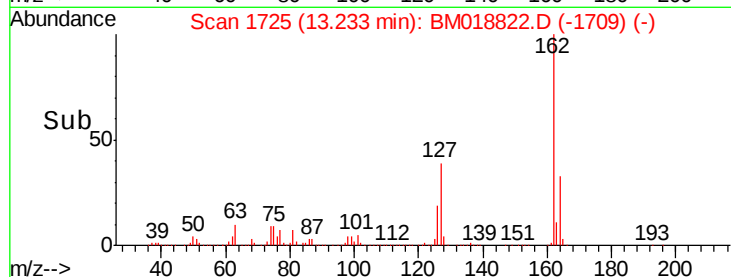
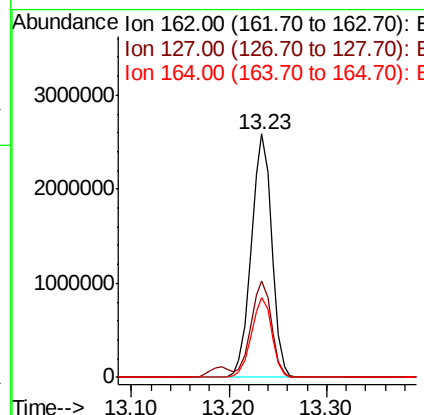
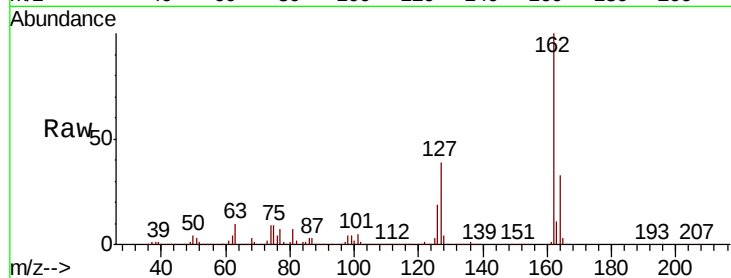
#47
2-Chloronaphthalene
Concen: 70.409 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	33.0	26.4	39.6

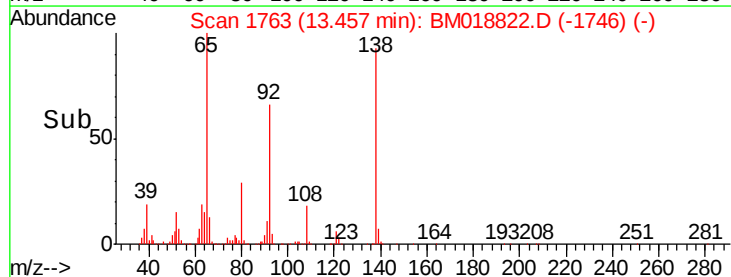
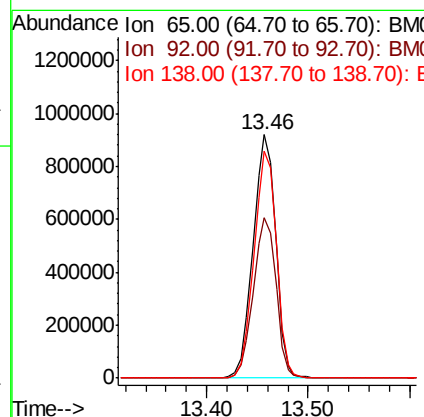
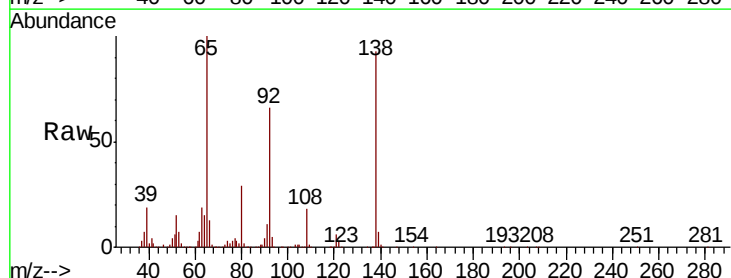
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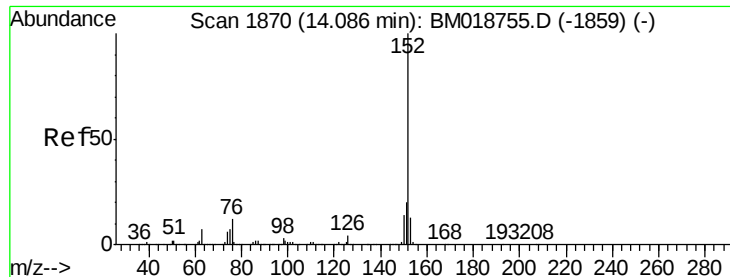
Sohil
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#48
2-Nitroaniline
Concen: 79.817 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	54.0	81.0
138	93.3	74.9	112.3





#49

Acenaphthylene

Concen: 78.615 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

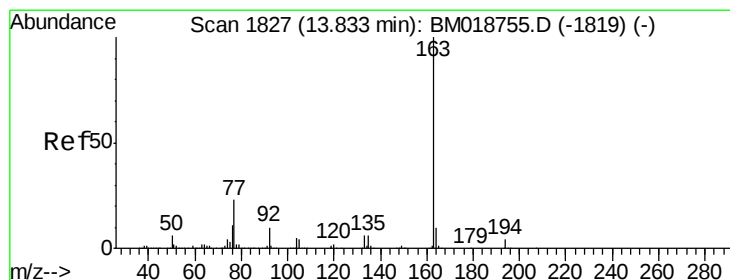
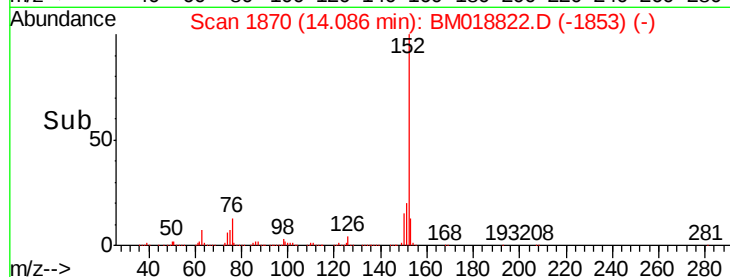
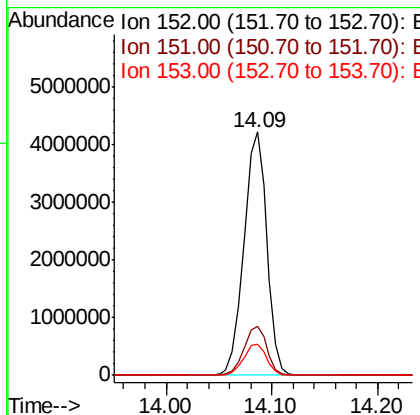
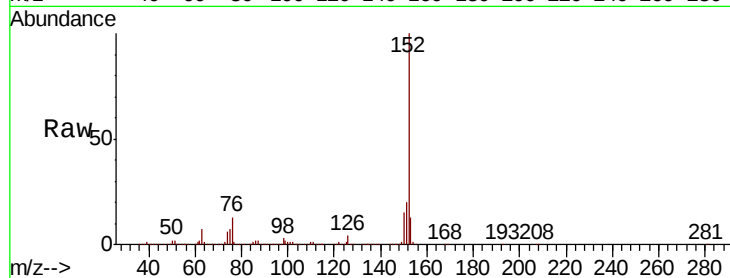
ClientSampleId :

CH-021419MS

Tot Ion:	152	Resp:	6315732
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.0	10.5	15.7

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#50

Dimethylphthalate

Concen: 80.668 ng

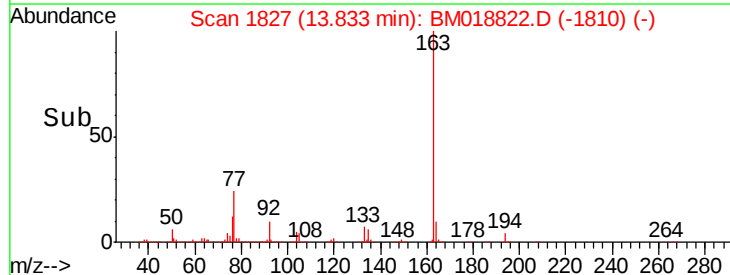
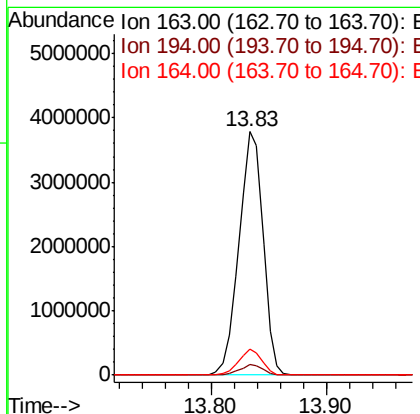
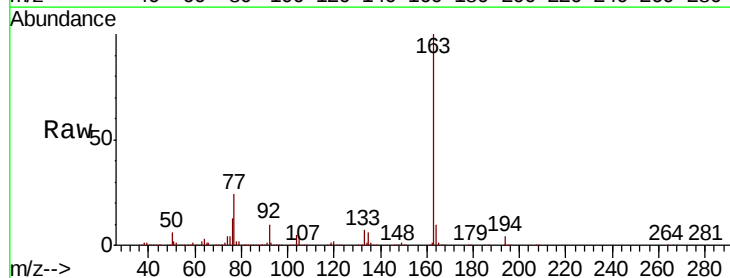
RT: 13.83 min Scan# 1827

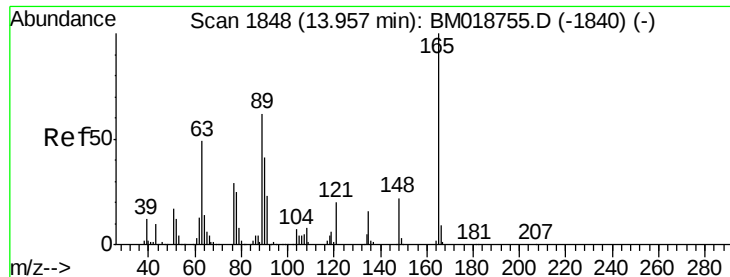
Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:	163	Resp:	5455651
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.4	7.8	11.8





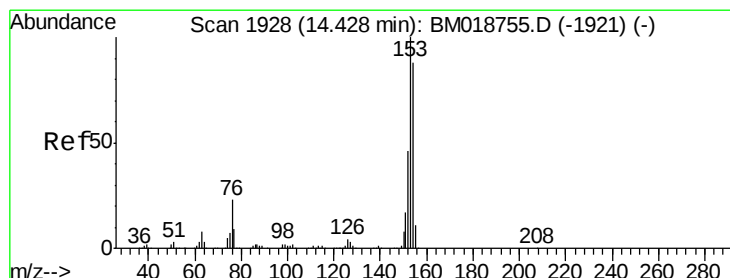
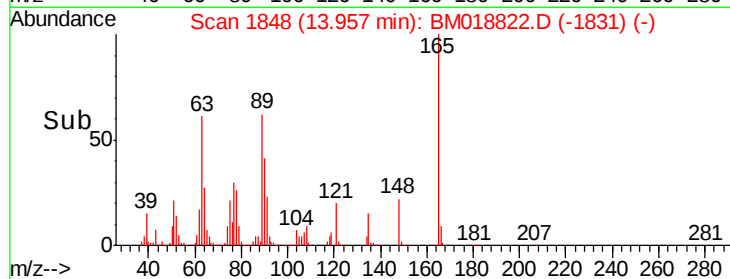
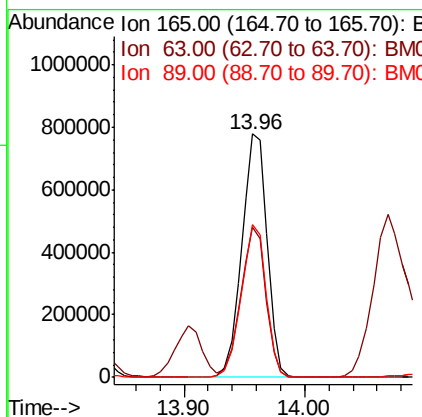
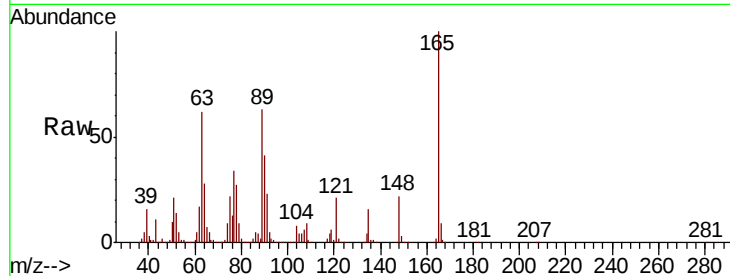
#51
2,6-Dinitrotoluene
Concen: 77.657 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampled :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.8	48.9	73.3
89	62.6	49.4	74.0

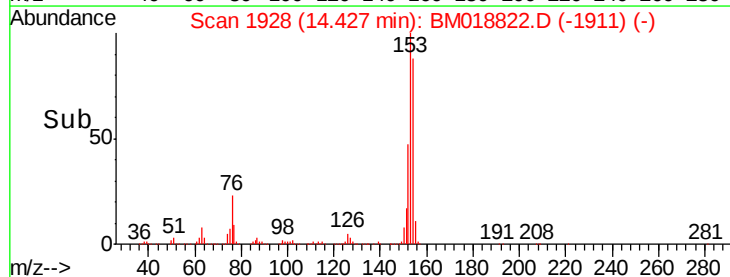
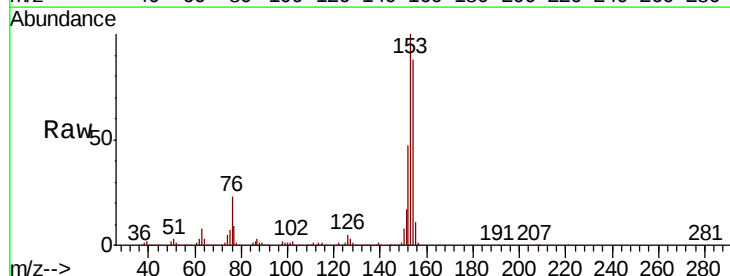
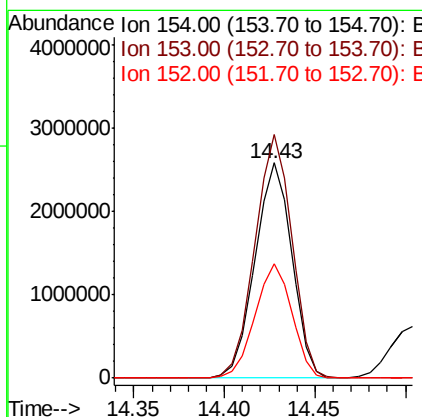
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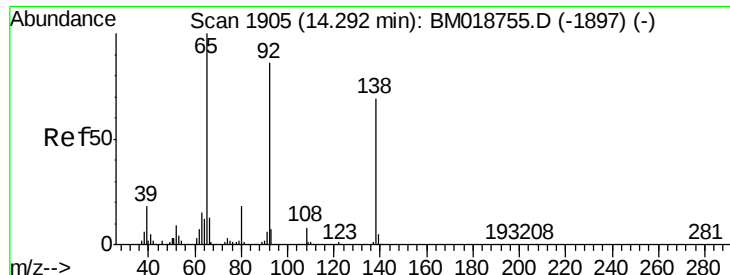
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#52
Acenaphthene
Concen: 74.098 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.3	136.9
152	53.2	42.2	63.4





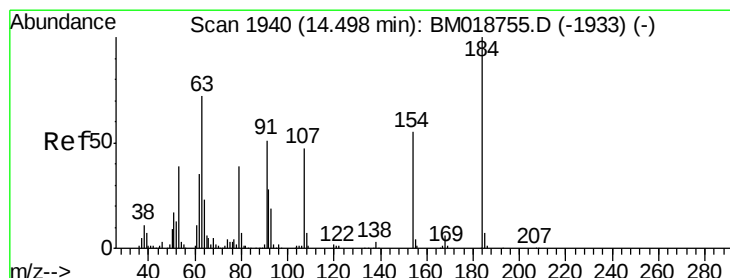
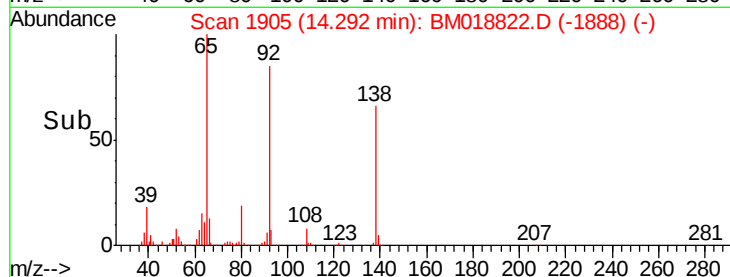
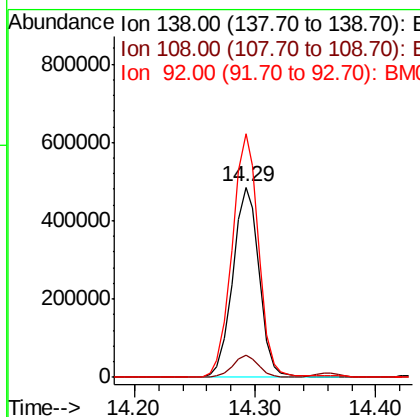
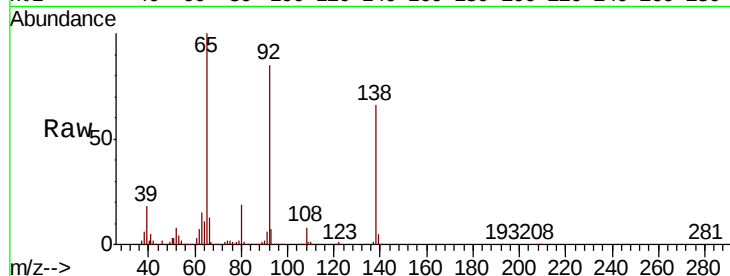
#53
3-Nitroaniline
Concen: 44.733 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	128.0	99.7	149.5

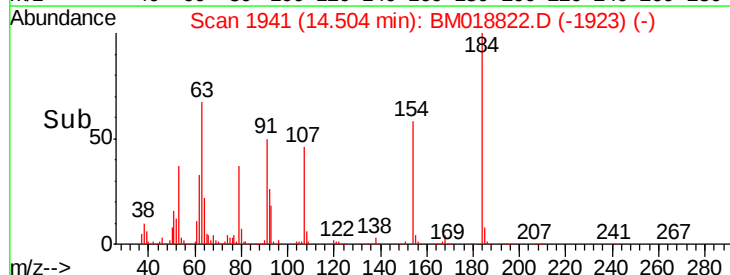
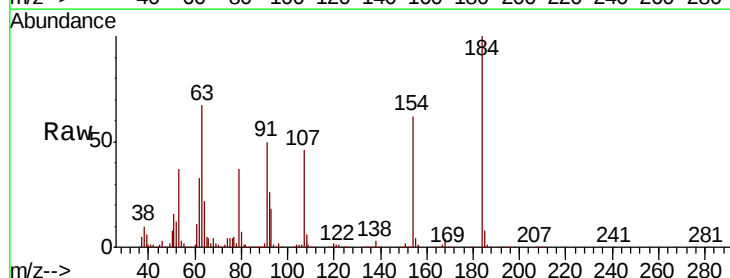
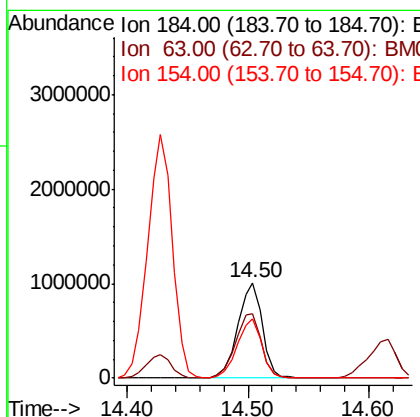
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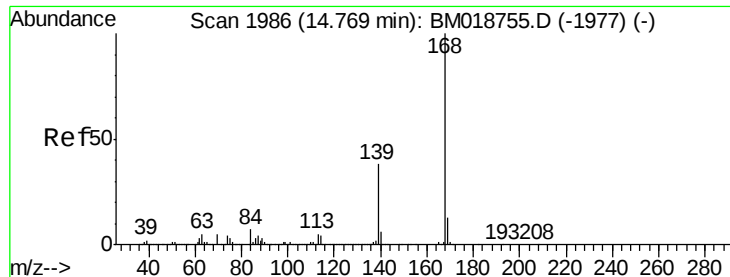
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#54
2,4-Dinitrophenol
Concen: 148.244 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.3	58.0	87.0
154	61.8	50.3	75.5





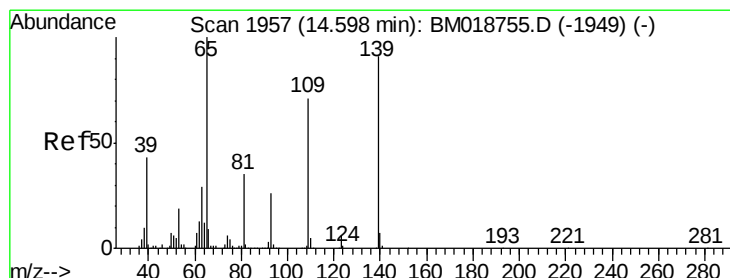
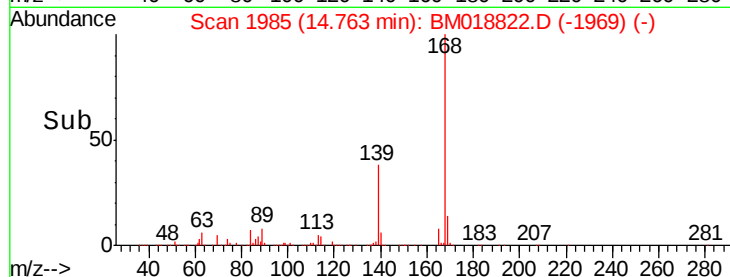
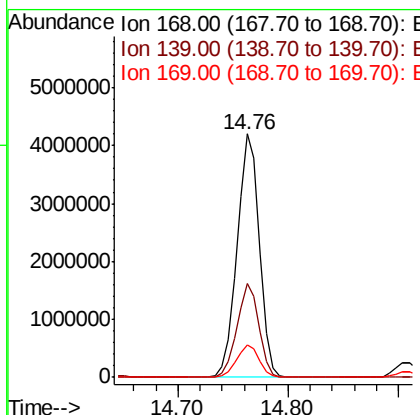
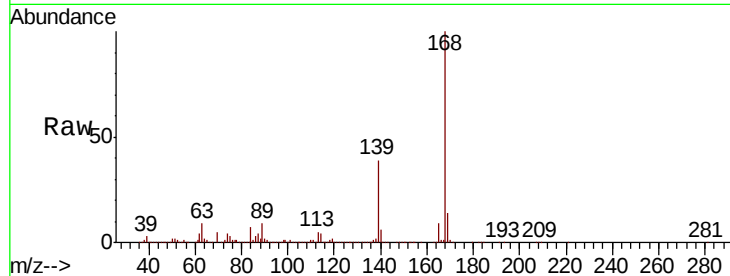
#55
Dibenzofuran
Concen: 73.231 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampled :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.7	46.1
169	13.6	10.3	15.5

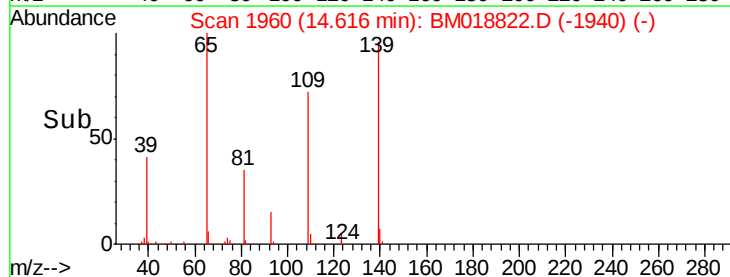
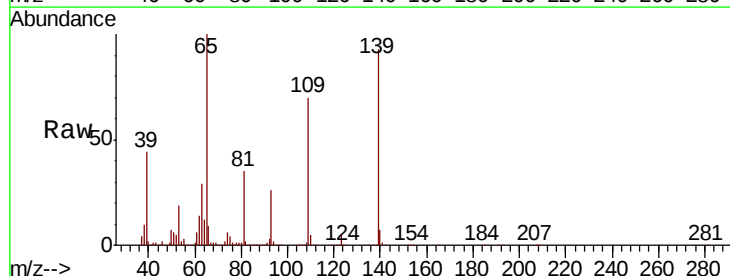
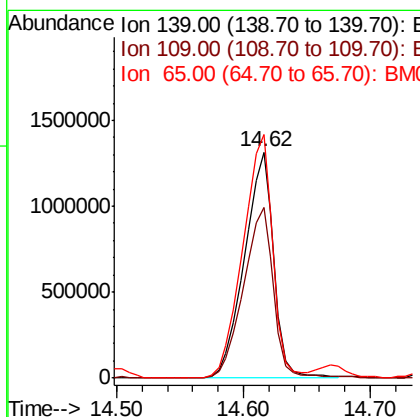
Manual Integrations
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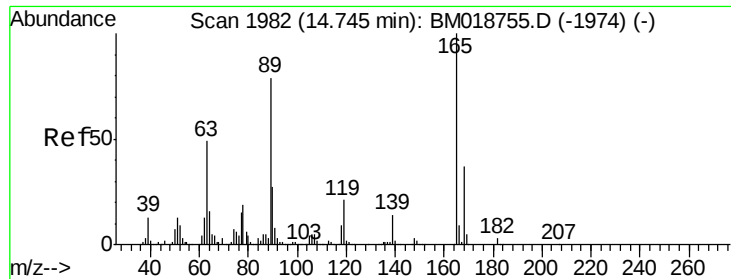
Sohil
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#56
4-Nitrophenol
Concen: 159.959 ng
RT: 14.62 min Scan# 1960
Delta R.T. 0.02 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.4	58.4	98.4
65	107.8	89.8	129.8





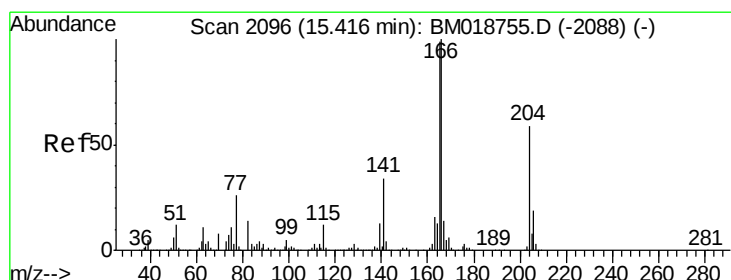
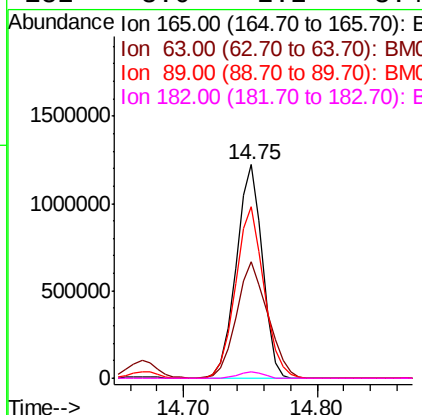
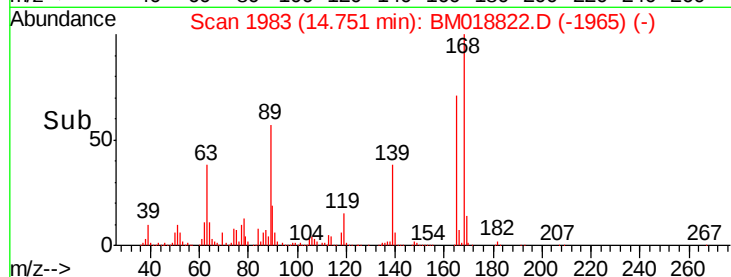
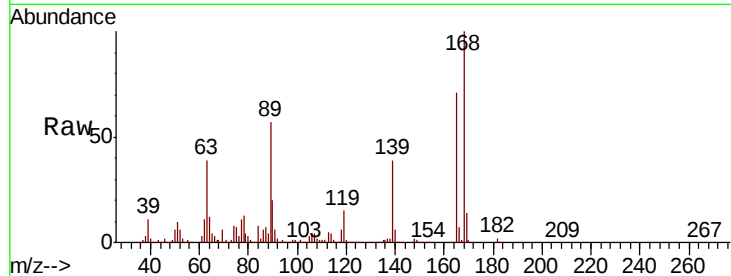
#57
2,4-Dinitrotoluene
Concen: 81.897 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.3	39.6	59.4
89	80.1	63.5	95.3
182	3.0	2.2	3.4

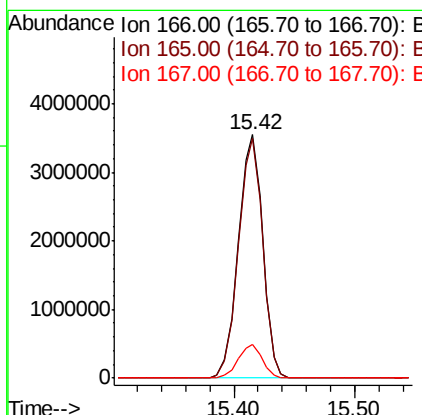
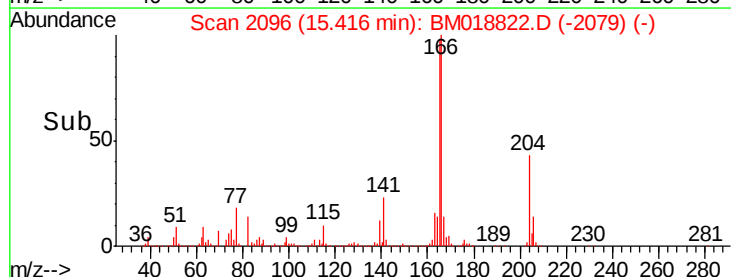
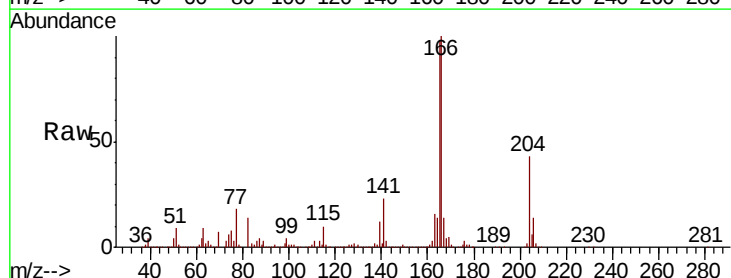
Manual Integrations
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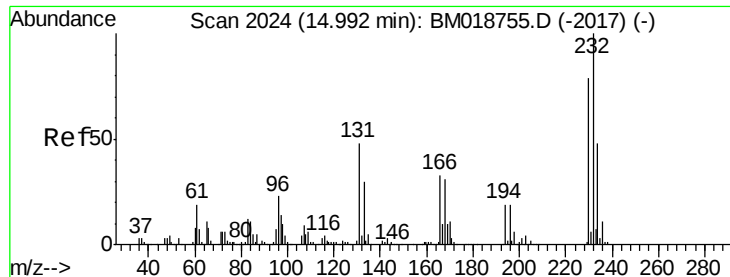
Sohil
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#58
Fluorene
Concen: 80.610 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.6	11.0	16.4





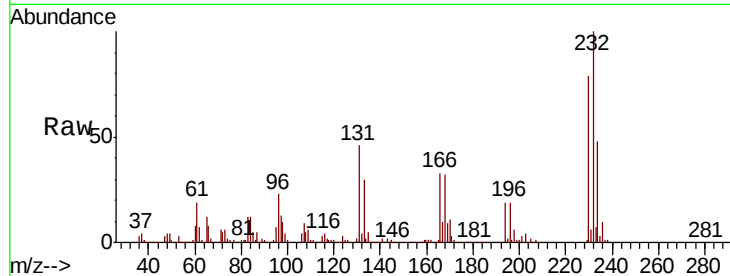
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.695 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.6	57.8
130	2.6	2.0	3.0
166	33.5	26.9	40.3

Manual Integrations
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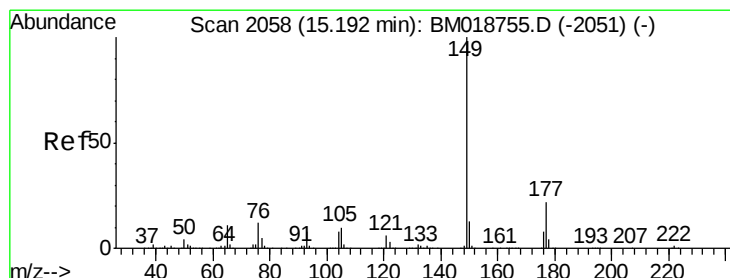
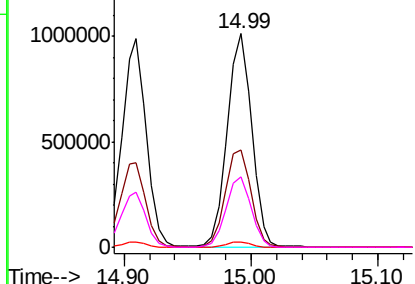
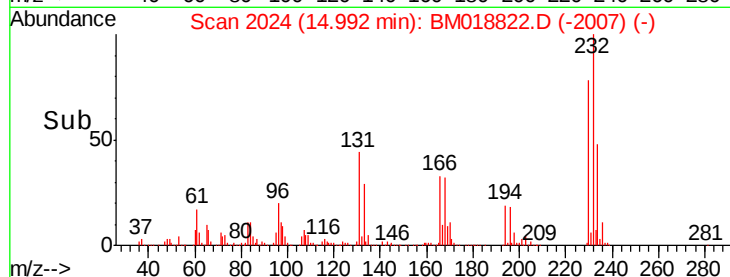
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

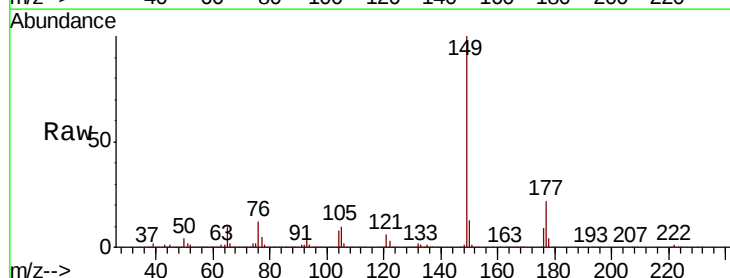
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 75.230 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.2	25.8
150	12.9	10.2	15.2

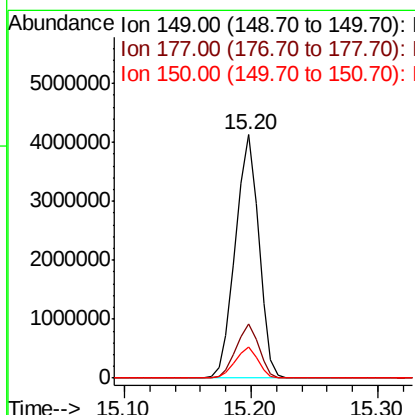
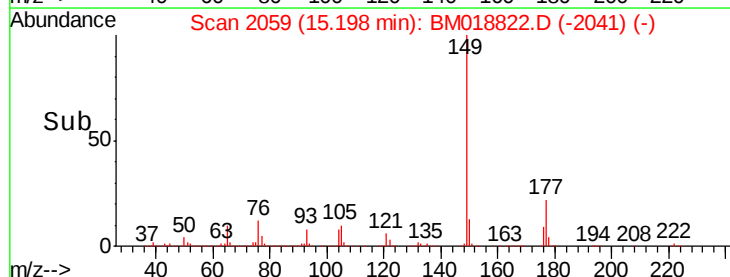


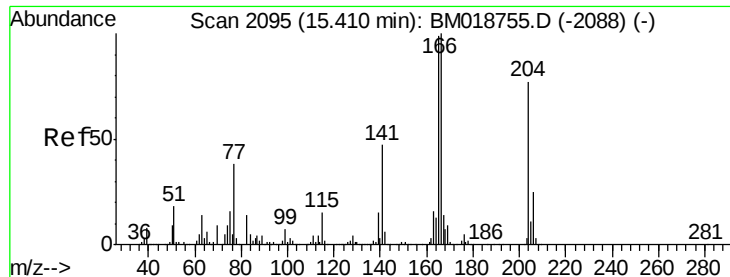
Abundance

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





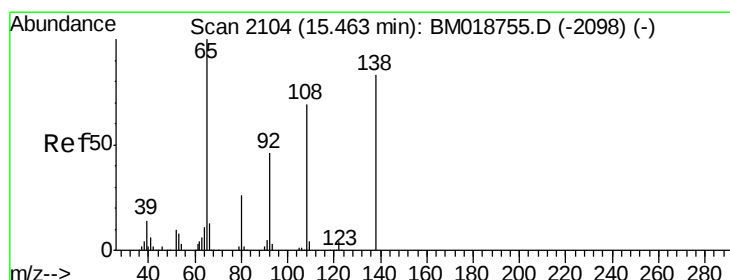
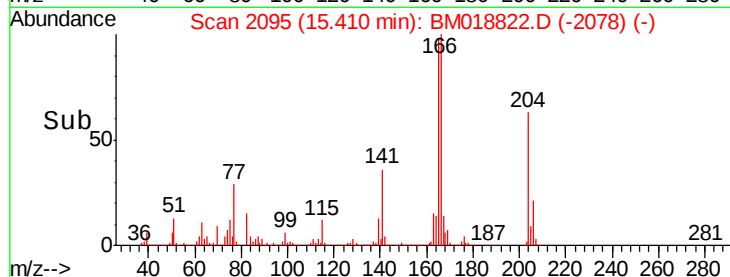
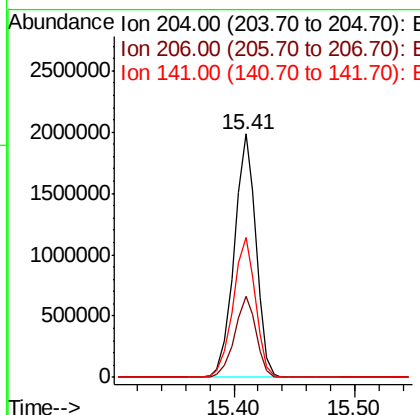
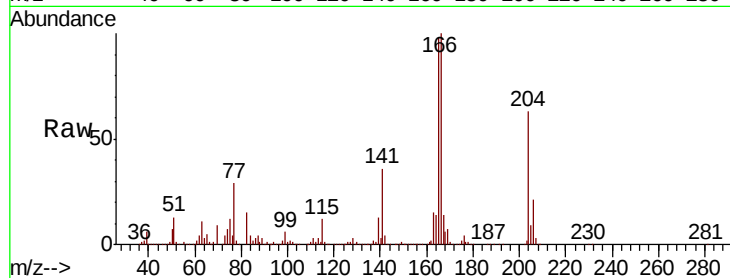
#61
4-Chlorophenyl-phenylether
Concen: 71.509 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion:204 Resp: 2483510
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.6 49.2 73.8

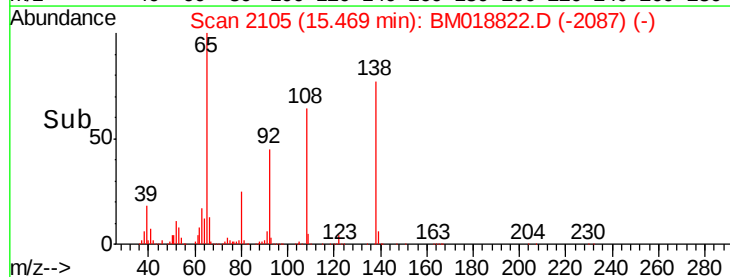
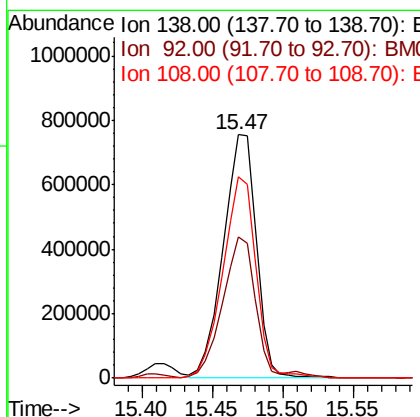
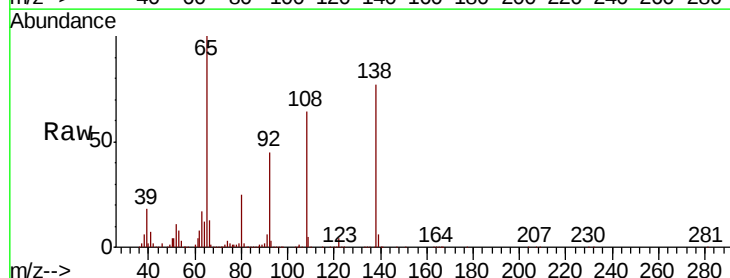
Manual Integrations
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#62
4-Nitroaniline
Concen: 75.584 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:138 Resp: 1226602
Ion Ratio Lower Upper
138 100
92 57.8 35.5 75.5
108 82.7 62.4 102.4





#63

Azobenzene

Concen: 75.567 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion: 77 Resp: 5652570

Ion Ratio Lower Upper

77 100

182 21.9 1.0 41.0

105 18.3 0.0 37.7

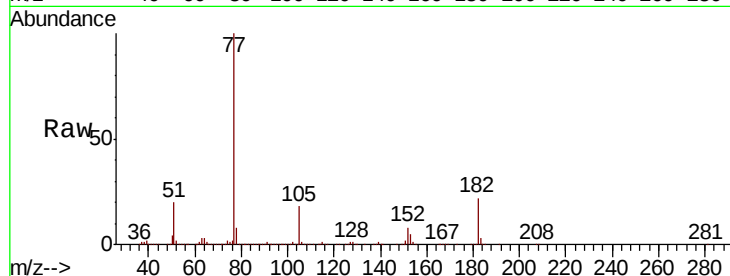
51 20.3 0.3 40.3

Manual Integrations

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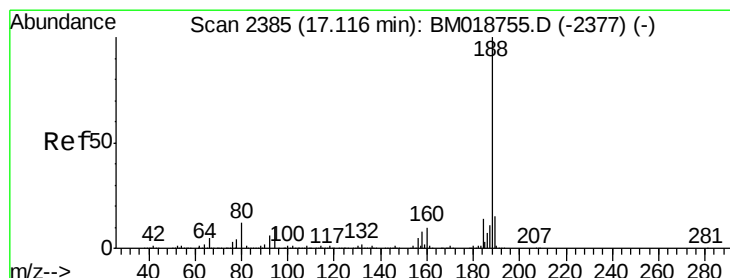
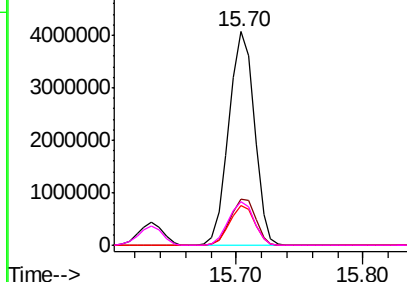
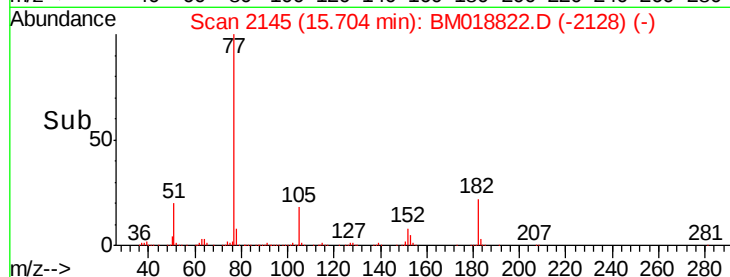
Abundance

Ion 77.00 (76.70 to 77.70): BM018822.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018822.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM018822.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018822.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

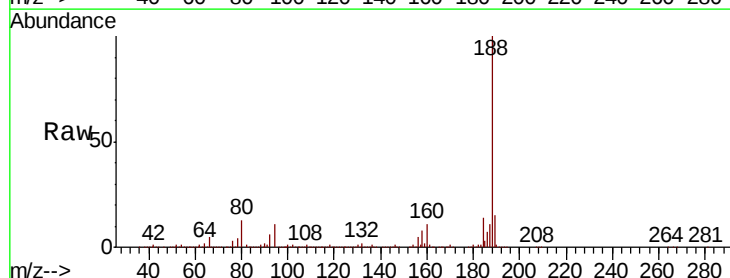
Tgt Ion: 188 Resp: 1892298

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

80 13.0 9.7 14.5

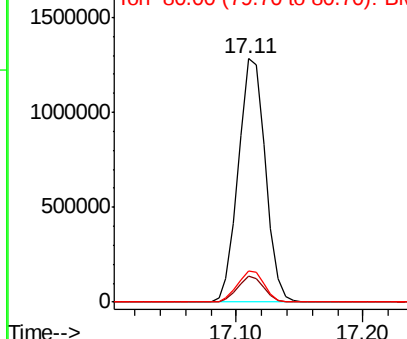
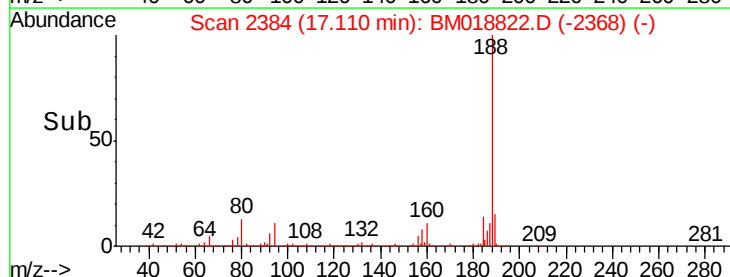


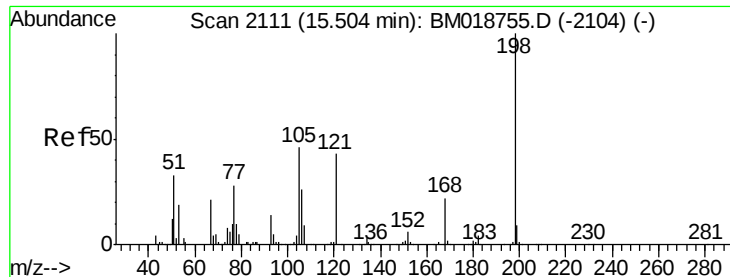
Abundance

Ion 188.00 (187.70 to 188.70): BM018822.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018822.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018822.D (-2368) (-)





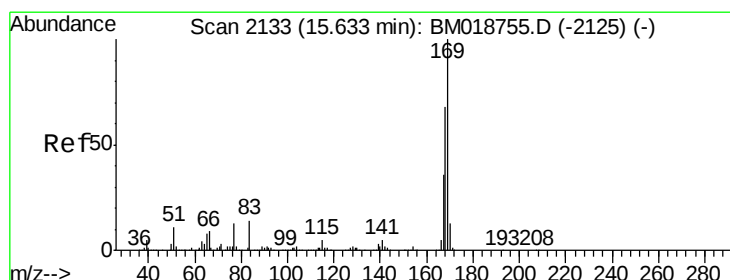
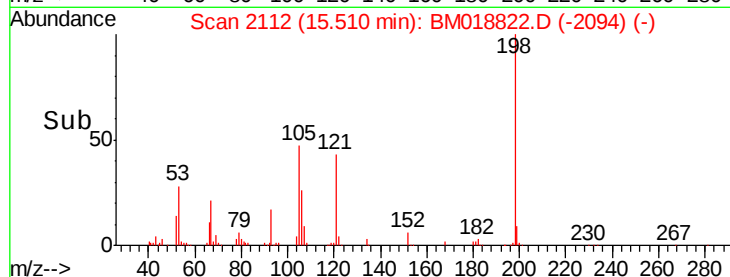
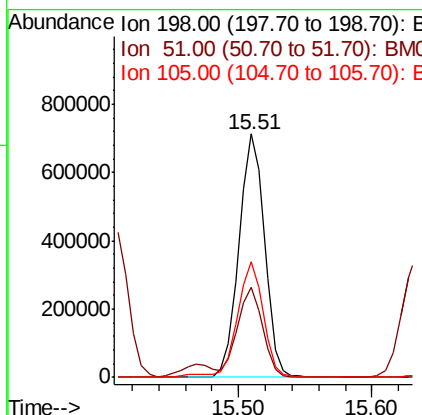
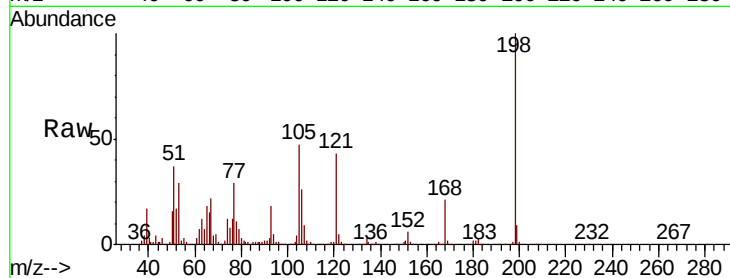
#65
4,6-Dinitro-2-methylphenol
Concen: 71.352 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	947978		
51	36.7		18.4	58.4
105	47.3		27.2	67.2

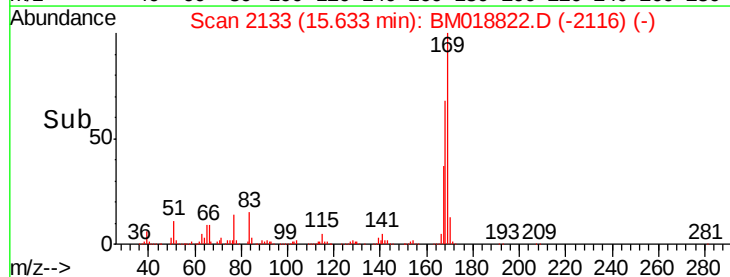
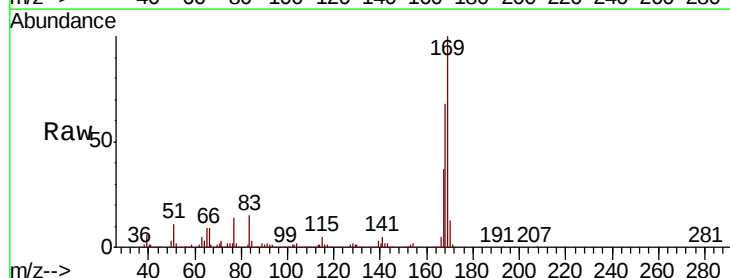
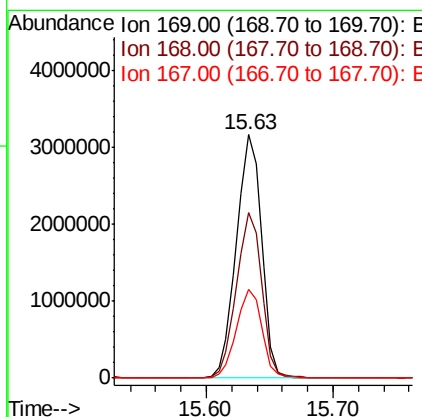
Manual Integrations
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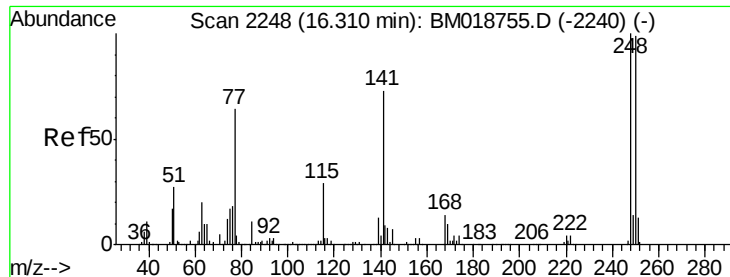
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 72.647 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	4343195		
168	67.9		54.4	81.6
167	36.6		29.0	43.6





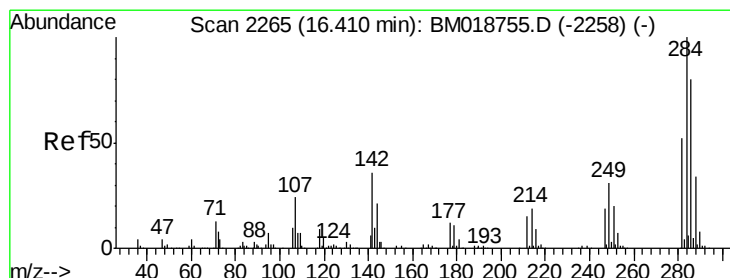
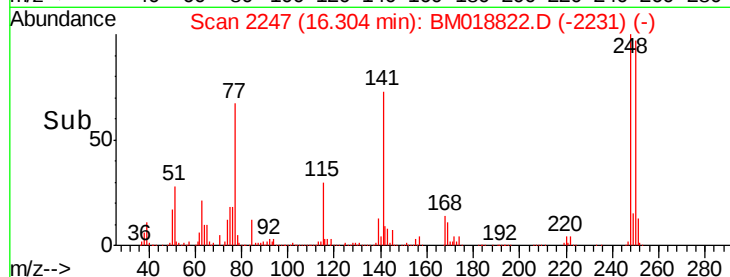
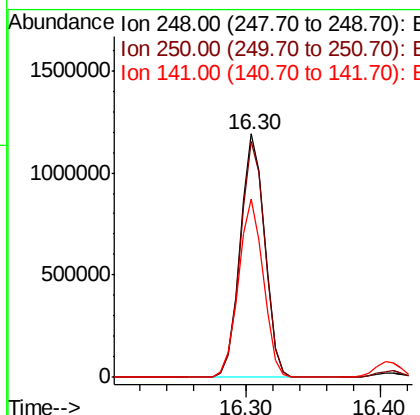
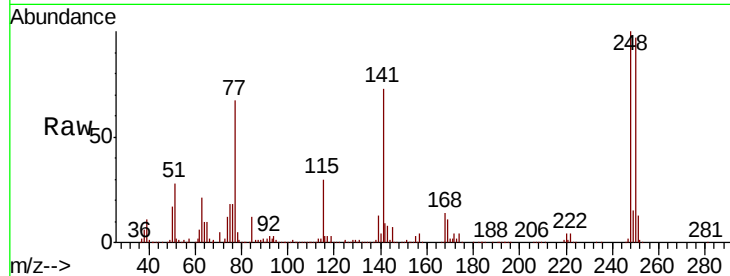
#67
4-Bromophenyl-phenylether
Concen: 71.204 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion:248 Resp: 1508177
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.6
141 73.4 58.6 88.0

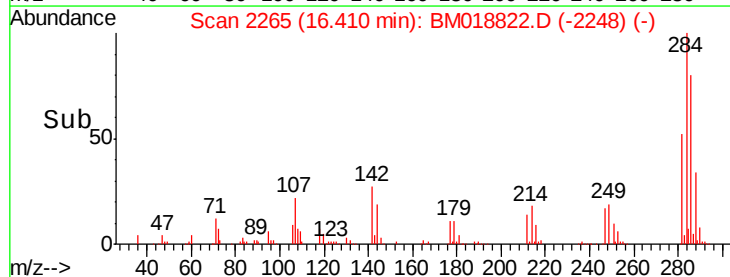
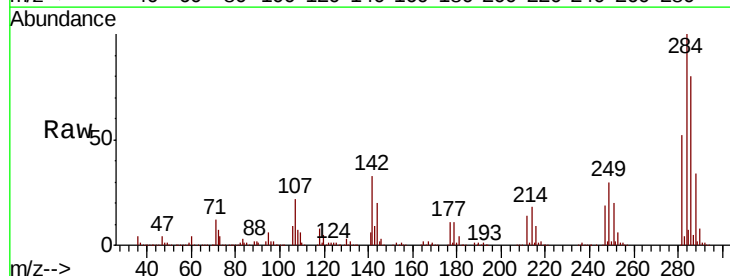
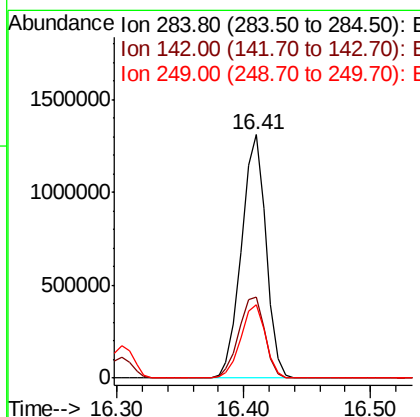
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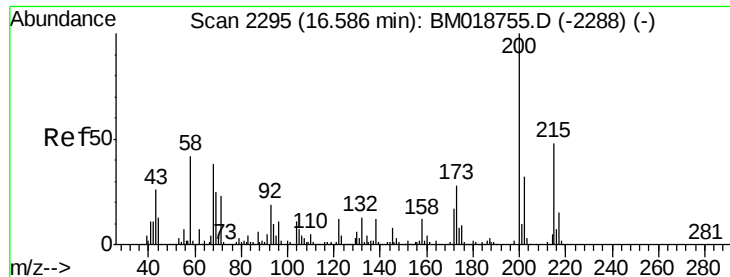
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#68
Hexachlorobenzene
Concen: 71.213 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion:284 Resp: 1753244
Ion Ratio Lower Upper
284 100
142 33.3 28.9 43.3
249 30.2 24.8 37.2





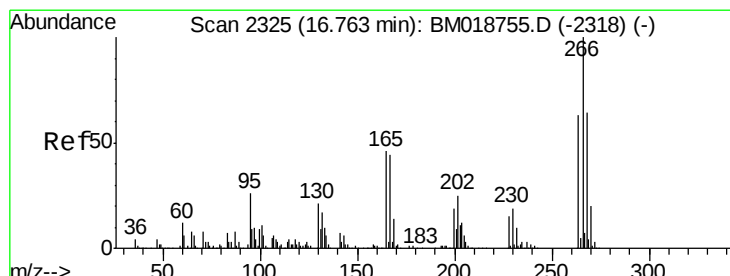
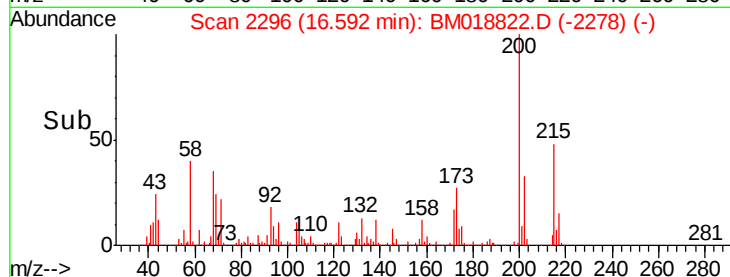
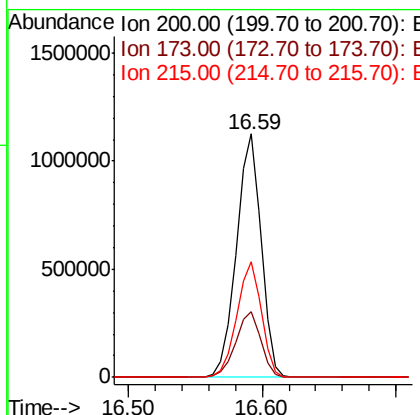
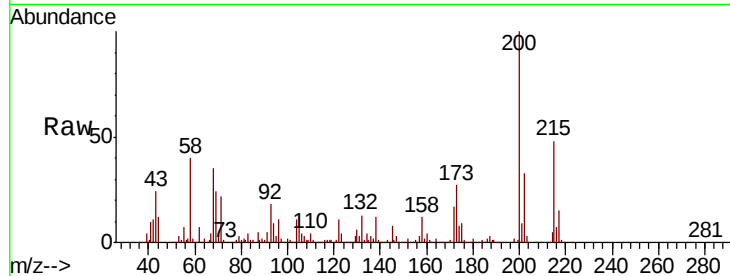
#69
Atrazine
Concen: 74.973 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.6	47.6
215	47.6	27.6	67.6

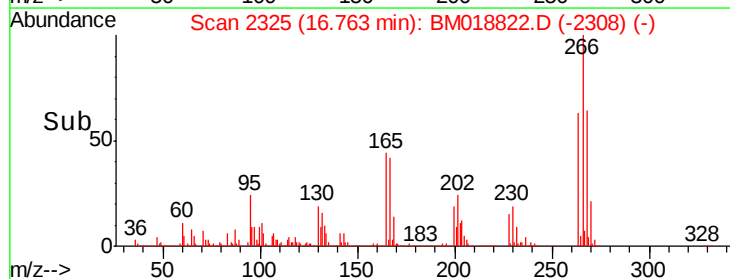
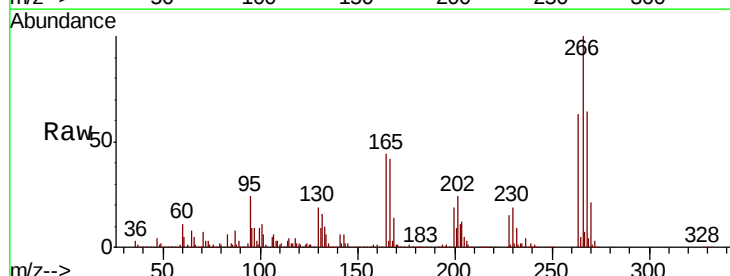
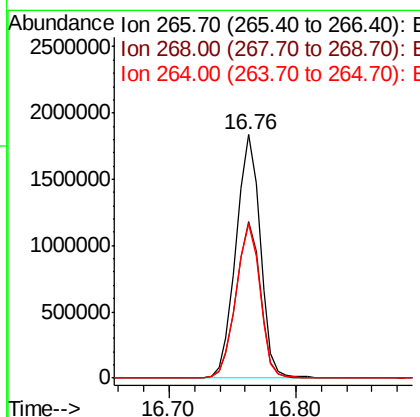
Manual Integrations
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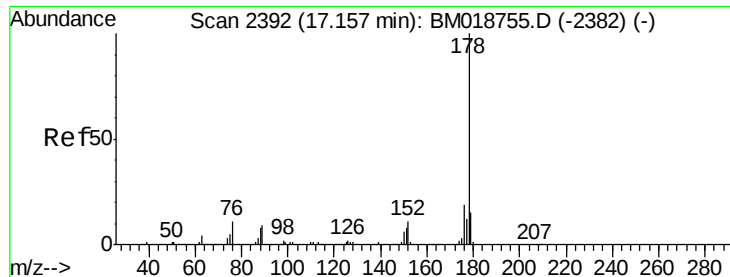
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#70
Pentachlorophenol
Concen: 153.389 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.3	76.9
264	63.3	50.6	75.8





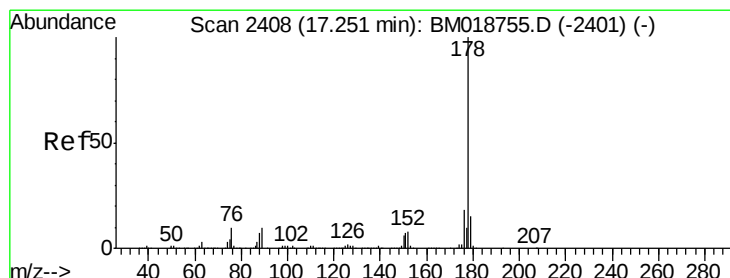
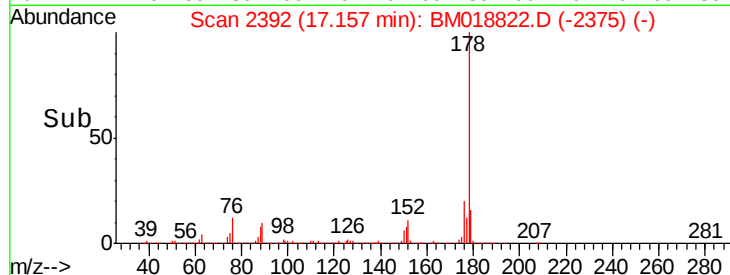
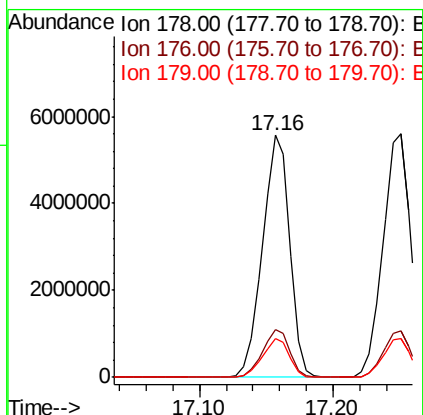
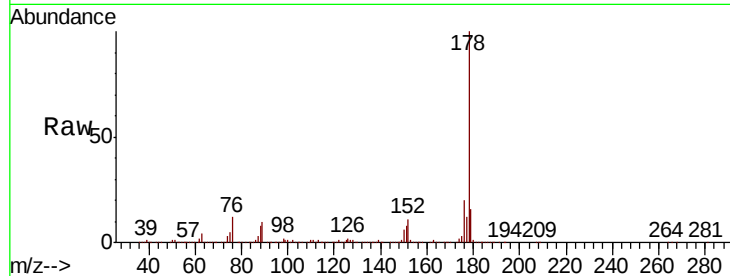
#71
Phenanthrene
Concen: 76.921 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.9	12.3	18.5

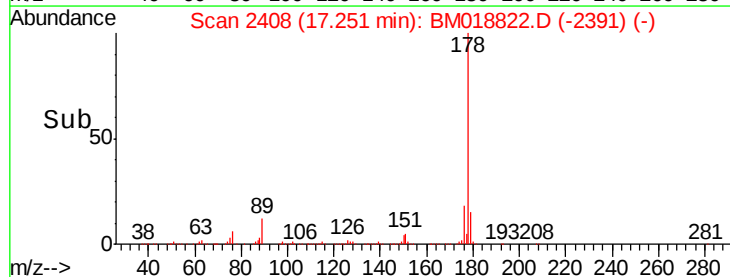
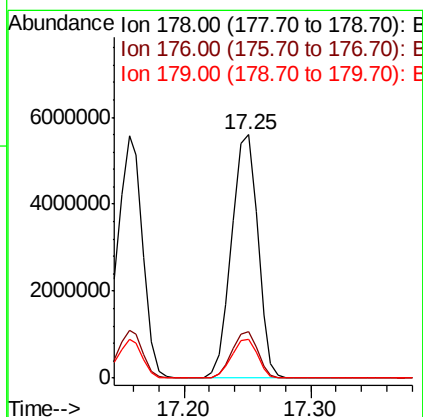
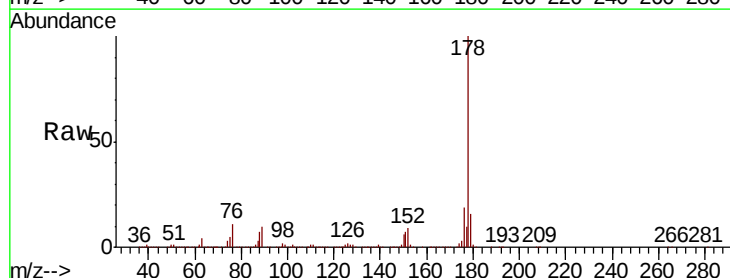
Manual Integrations
APPROVED

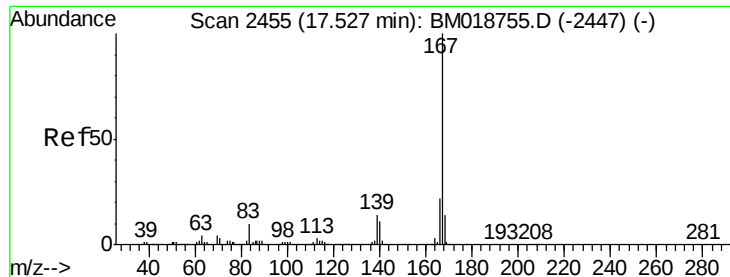
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#72
Anthracene
Concen: 81.147 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	15.7	12.1	18.1





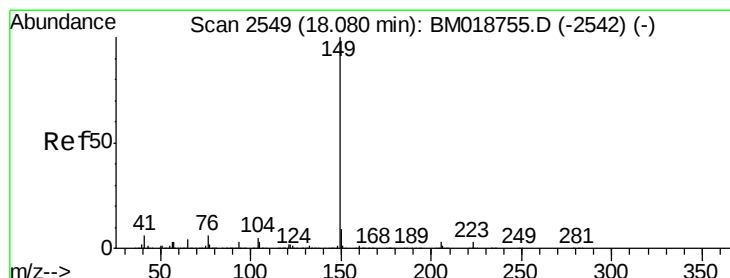
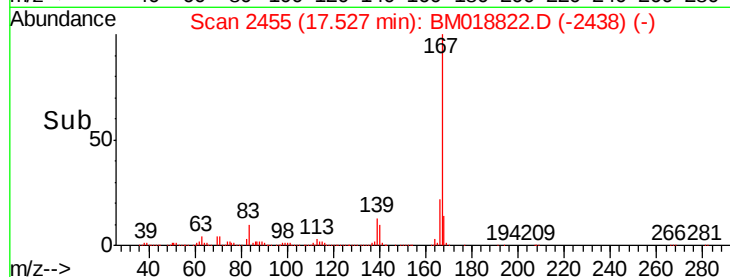
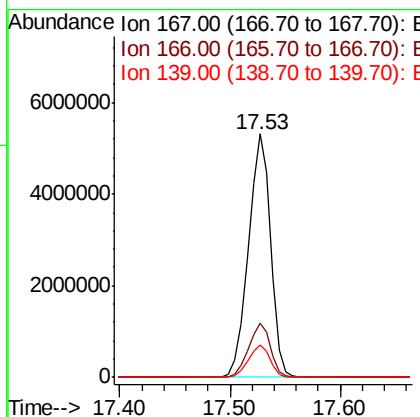
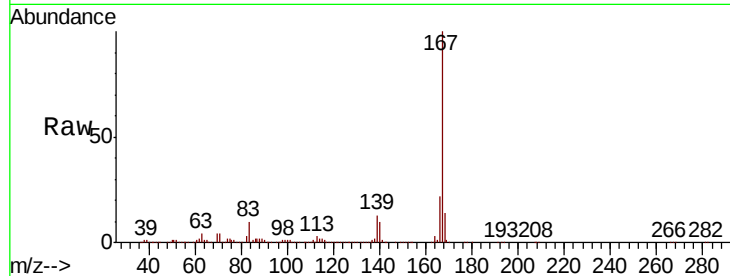
#73
 Carbazole
 Concen: 72.189 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.7	26.5	
139	13.3	10.9	16.3	

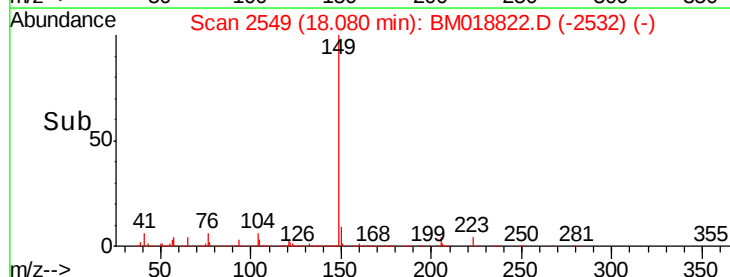
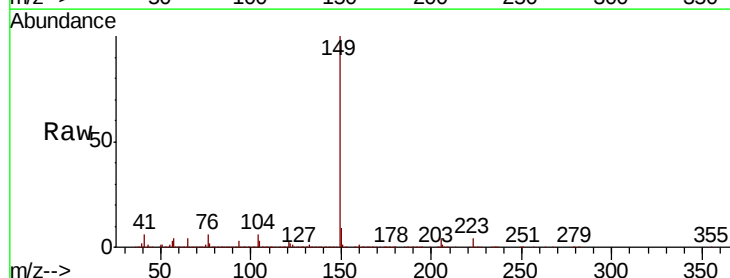
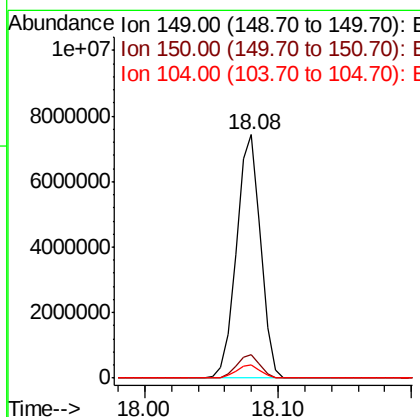
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 78.031 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.5	7.4	11.0	
104	5.5	4.3	6.5	





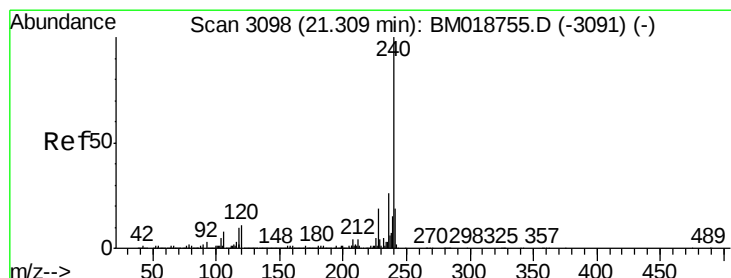
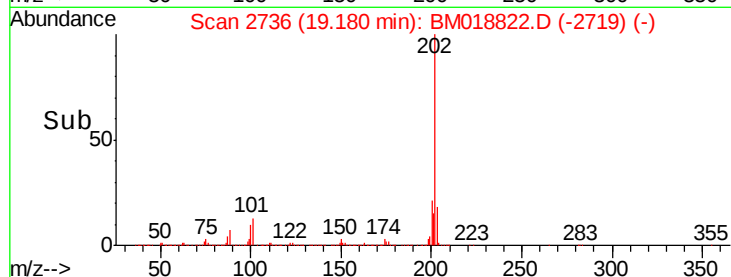
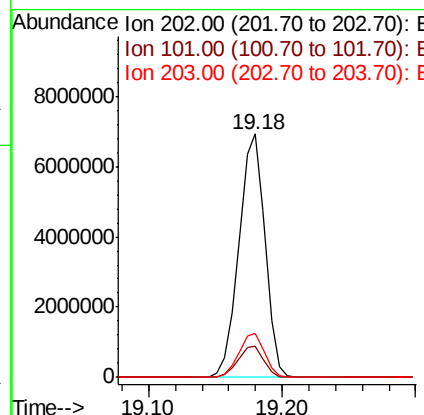
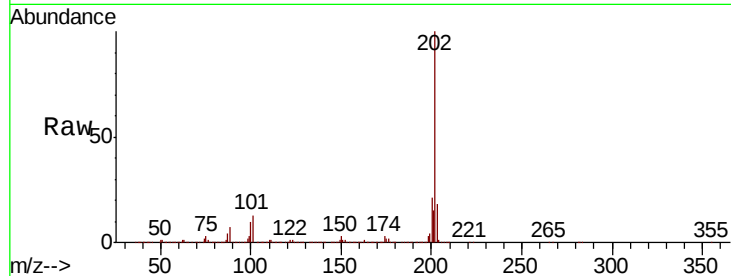
#75
 Fluoranthene
 Concen: 80.076 ng
 RT: 19.18 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.5
203	18.1	0.0	37.3

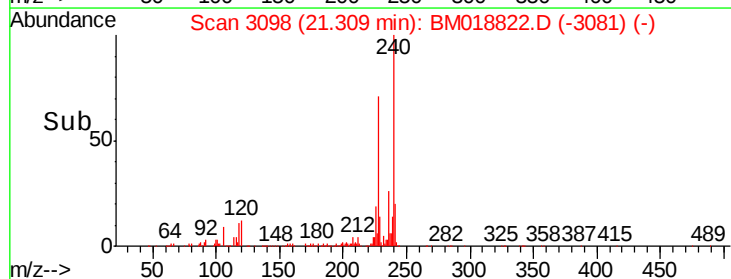
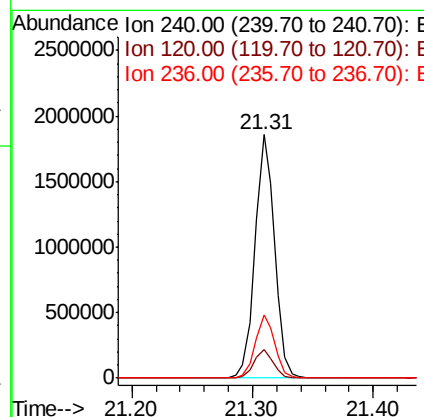
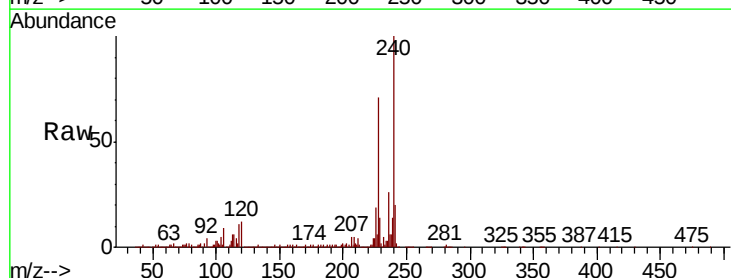
Manual Integrations
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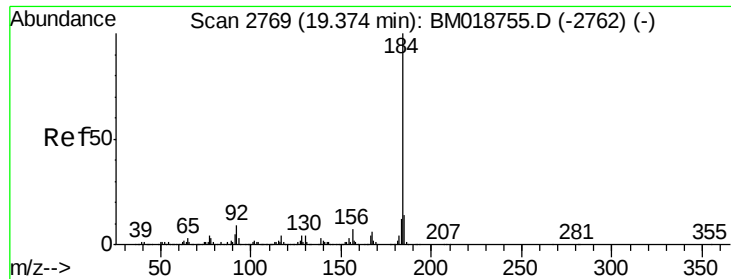
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.8	20.9	31.3





#77

Benzidine

Concen: 125.123 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:184 Resp: 5921809

Ion Ratio Lower Upper

184 100

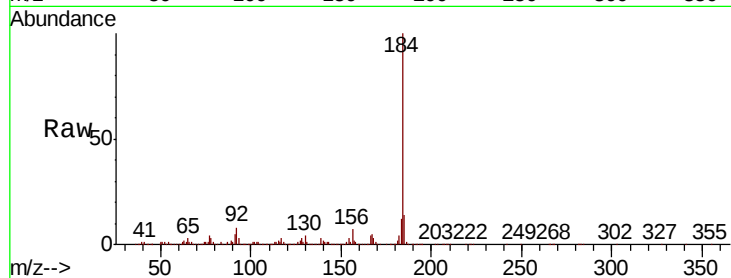
185 14.1 11.2 16.8

183 12.3 9.7 14.5

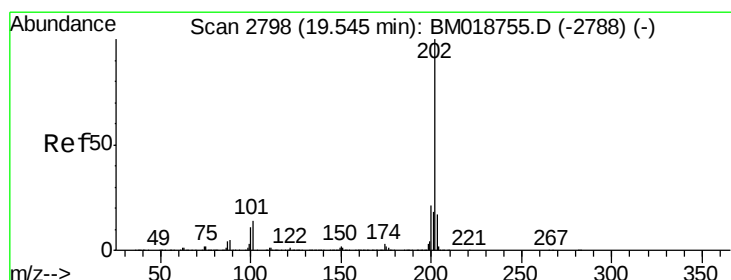
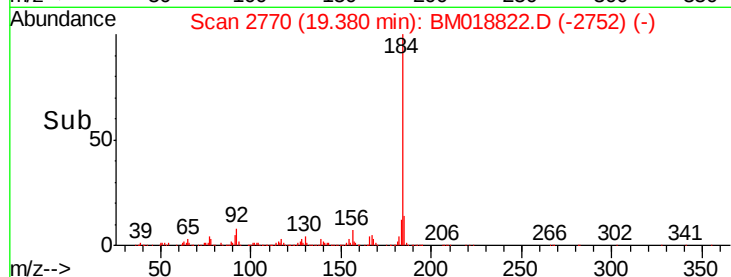
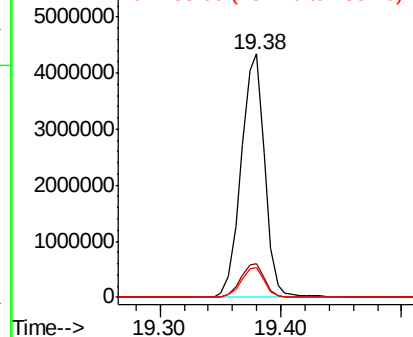
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 78.633 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

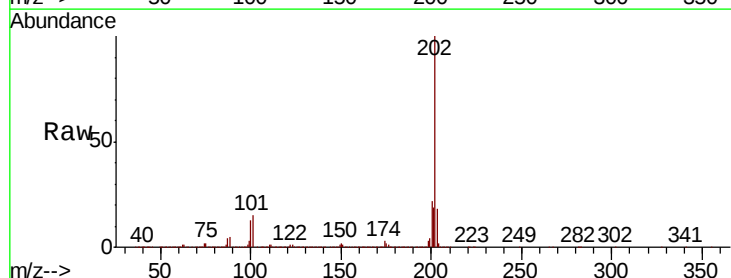
Tgt Ion:202 Resp: 9597296

Ion Ratio Lower Upper

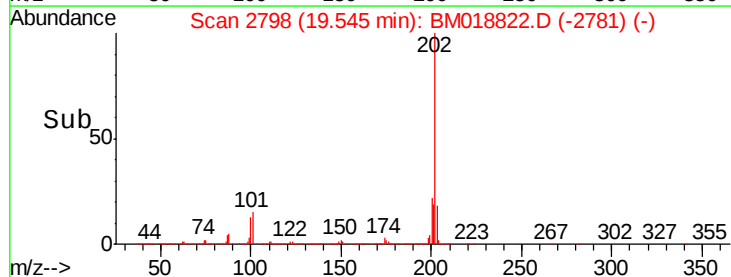
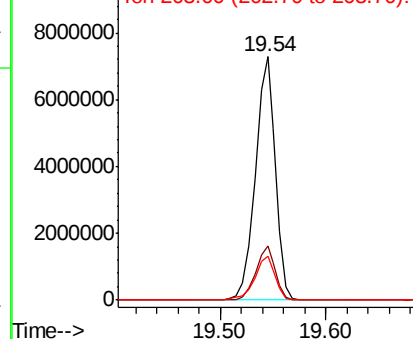
202 100

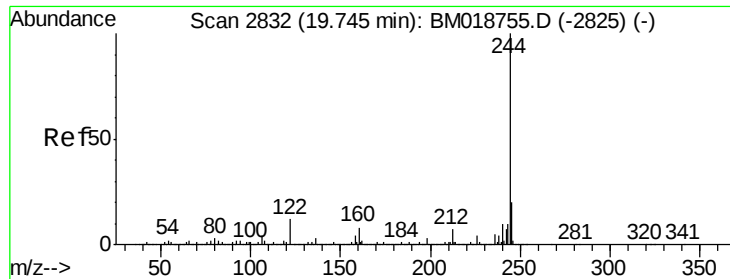
200 22.0 16.9 25.3

203 18.3 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





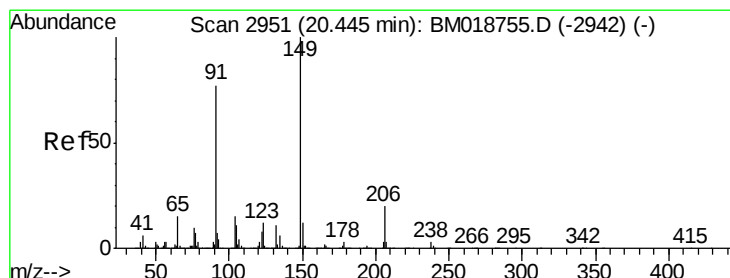
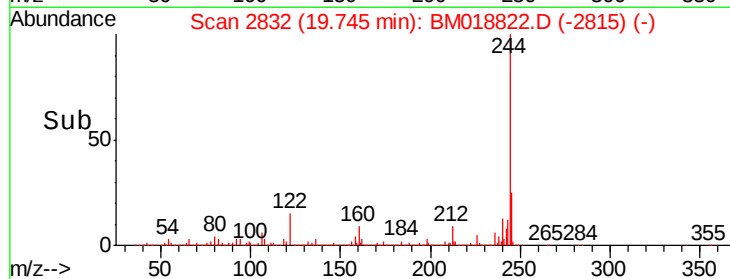
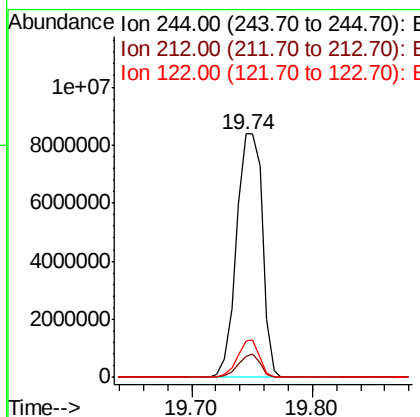
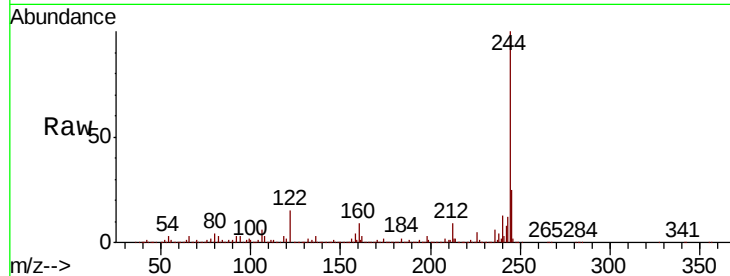
#79
 Terphenyl-d14
 Concen: 122.826 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Instrument :
 BNA_M
 ClientSampled :
 CH-021419MS

Tot Ion:244 Resp:12512257
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.6 8.4#
 122 14.9 9.3 13.9#

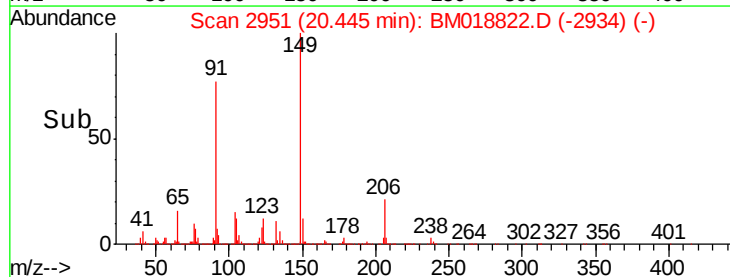
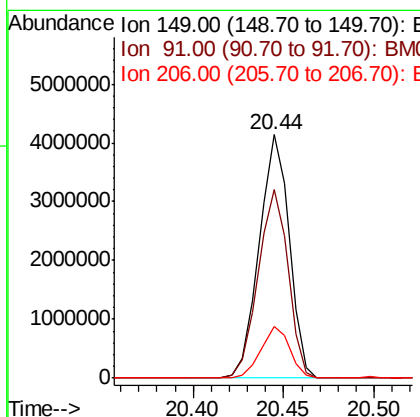
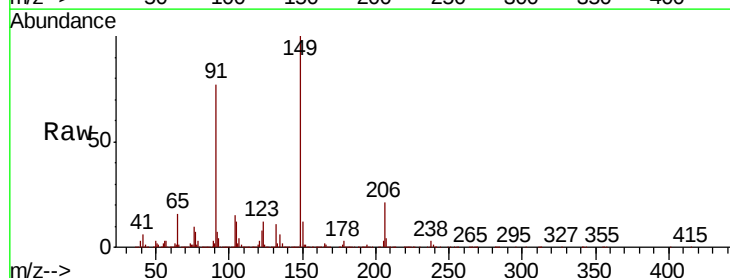
Manual Integrations
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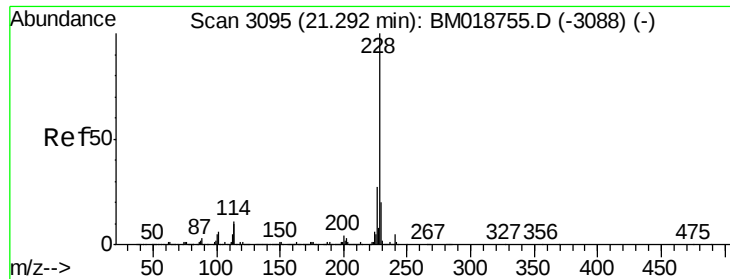
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#80
 Butylbenzylphthalate
 Concen: 85.466 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018822.D
 Acq: 15 Feb 2019 18:19

Tgt Ion:149 Resp: 4753893
 Ion Ratio Lower Upper
 149 100
 91 77.3 61.4 92.0
 206 21.1 15.8 23.8





#81

Benzo(a)anthracene

Concen: 78.278 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:228 Resp: 9588920

Ion Ratio Lower Upper

228 100

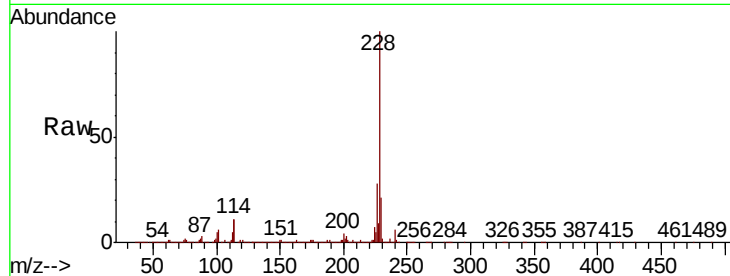
226 28.5 21.9 32.9

229 20.7 15.9 23.9

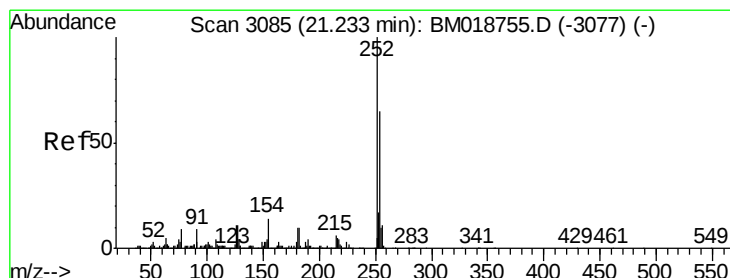
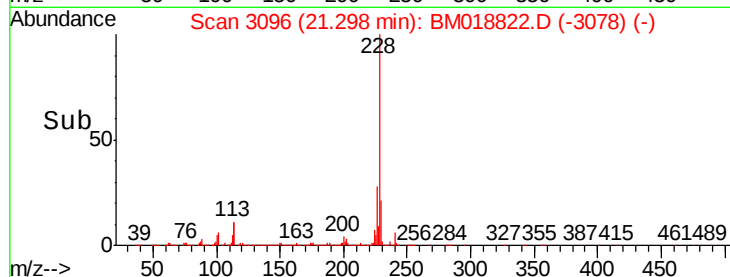
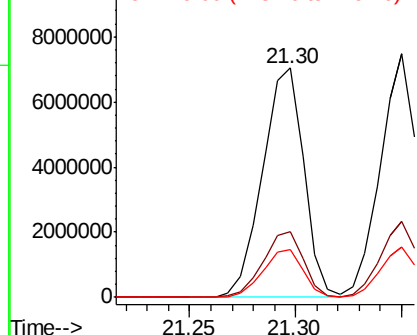
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Abundance Ion 228.00 (227.70 to 228.70): E
1e+07 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.409 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

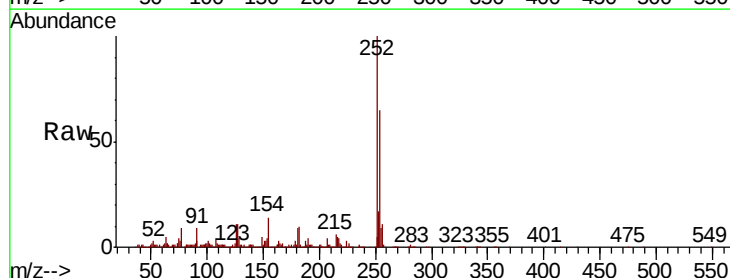
Tgt Ion:252 Resp: 2198387

Ion Ratio Lower Upper

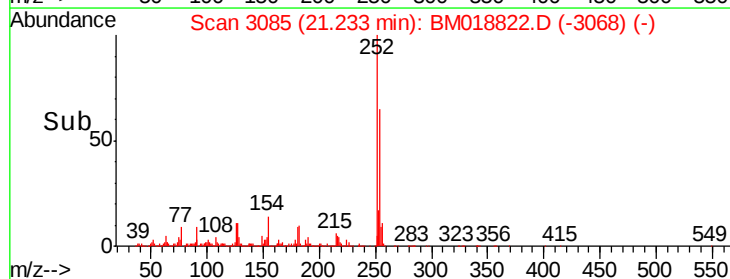
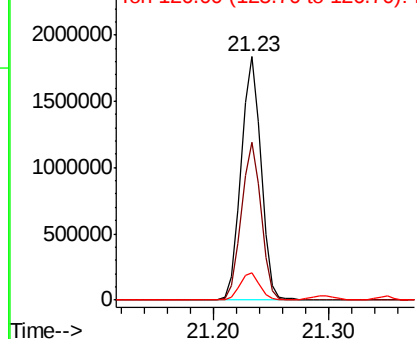
252 100

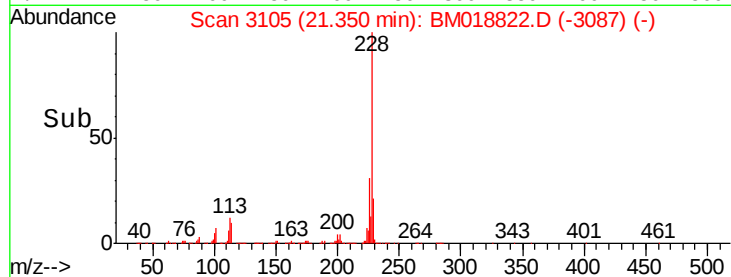
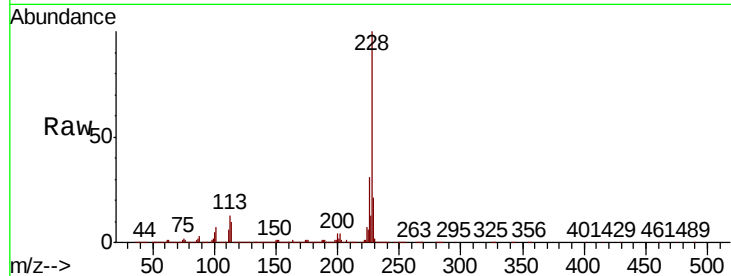
254 65.0 51.8 77.8

126 11.4 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
2500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 75.714 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tot Ion: 228 Resp: 8889845

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.1	36.1
229	20.8	16.0	24.0

228 100

226 31.4 24.1 36.1

229 20.8 16.0 24.0

Instrument :

BNA_M

ClientSampled :

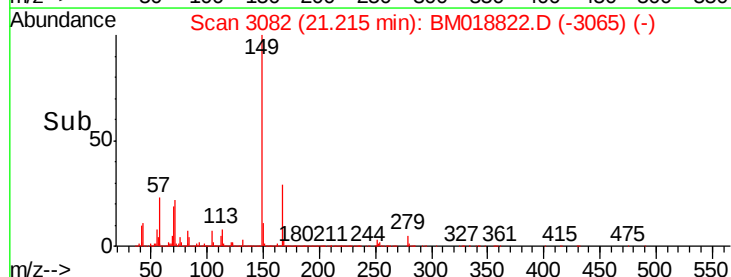
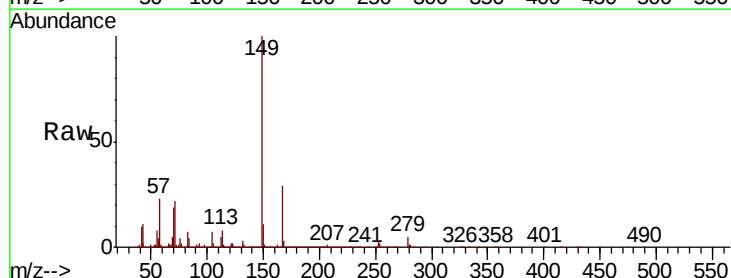
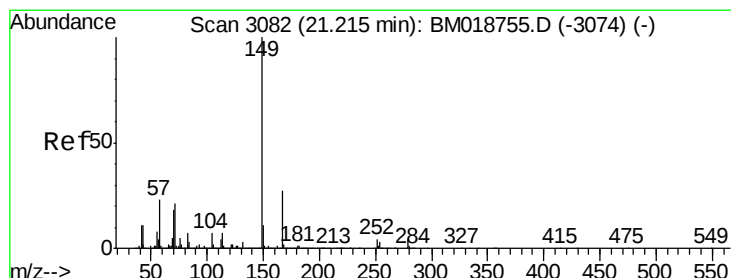
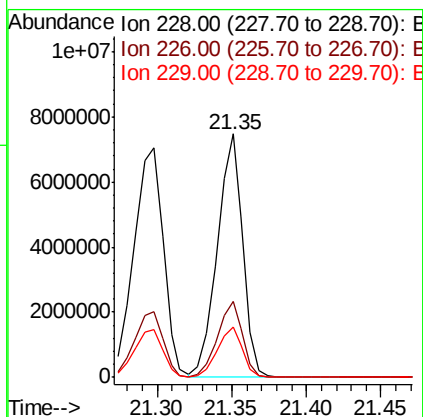
CH-021419MS

Manual Integrations

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#84

Bis(2-ethylhexyl)phthalate

Concen: 83.880 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

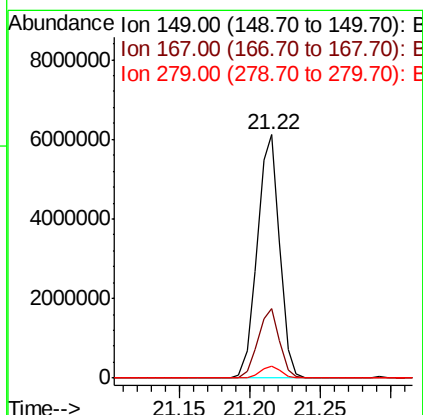
Tgt Ion: 149 Resp: 6828739

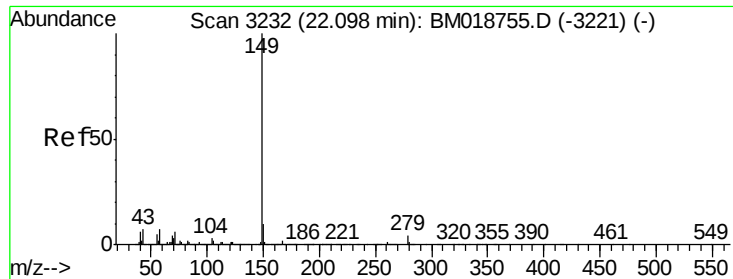
Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.6
279	5.1	3.6	5.4

149 100

167 28.7 21.8 32.6

279 5.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 81.542 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

ClientSampleId :

CH-021419MS

Tot Ion:149 Resp:11157256

Ion Ratio Lower Upper

149 100

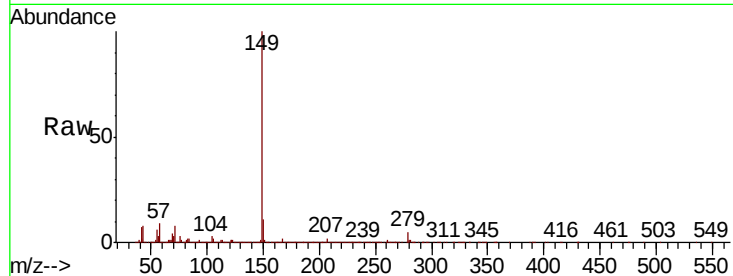
167 1.7 1.3 1.9

43 7.8 6.0 9.0

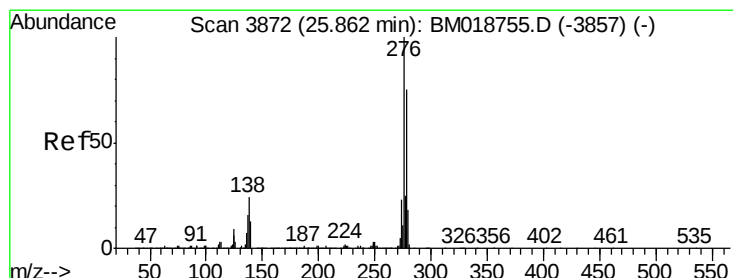
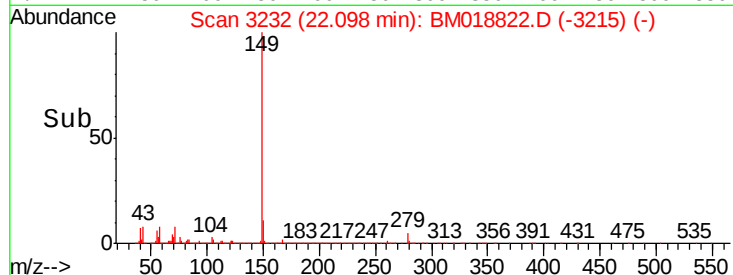
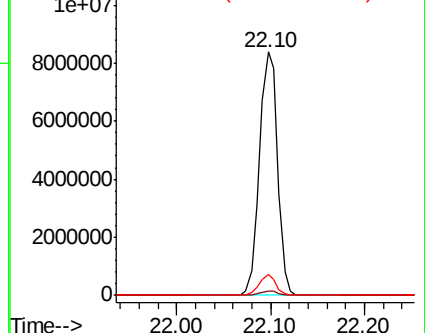
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.581 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

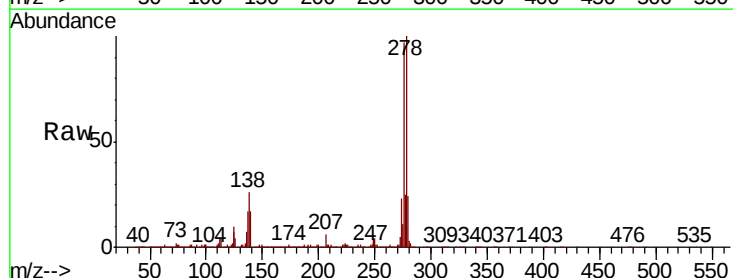
Tgt Ion:276 Resp: 8754444

Ion Ratio Lower Upper

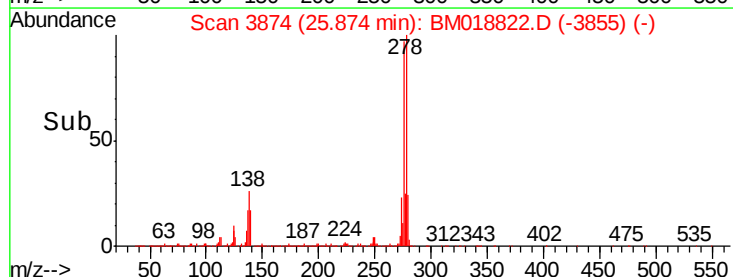
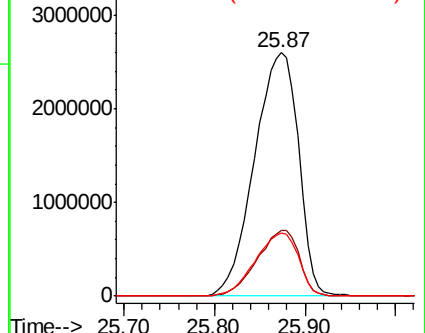
276 100

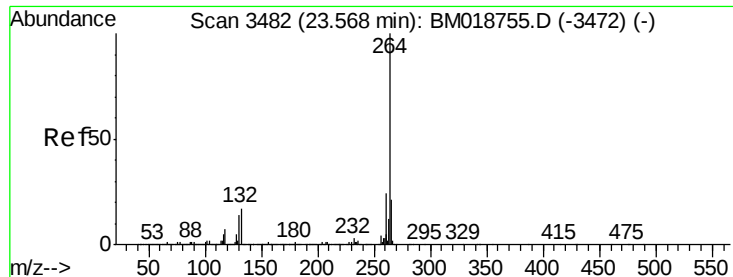
138 25.8 20.2 30.4

277 25.4 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Instrument :

BNA_M

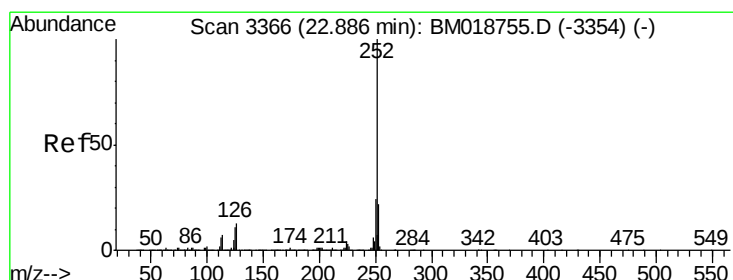
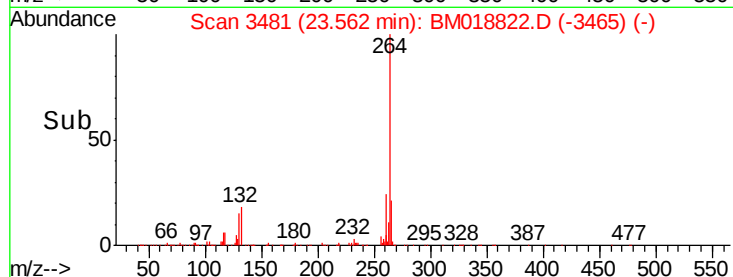
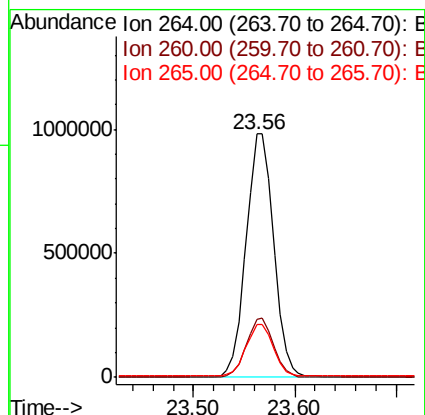
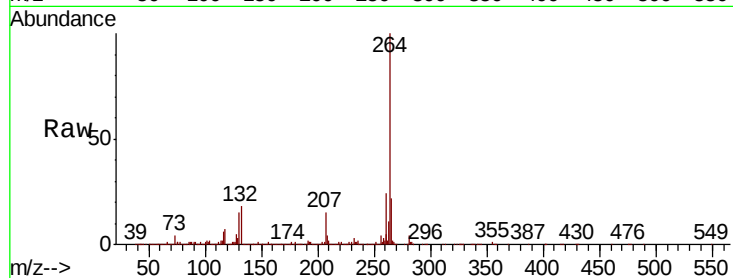
ClientSampled :

CH-021419MS

Tot Ion:	264	Resp:	1857927
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 83.056 ng

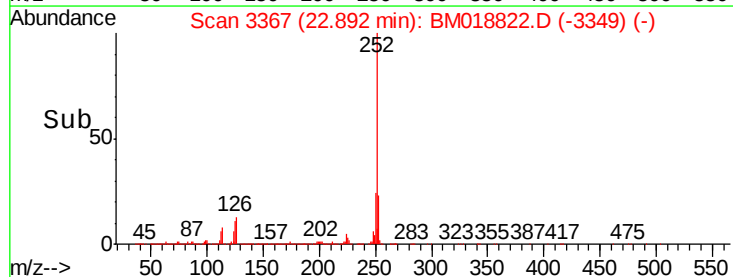
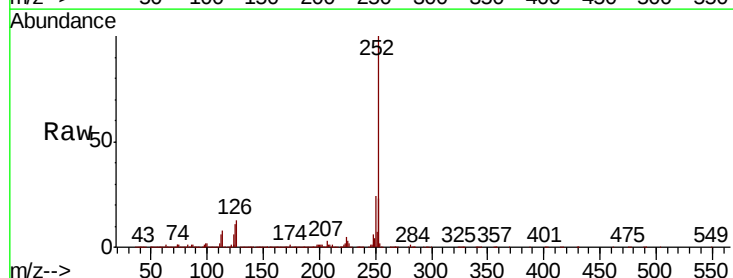
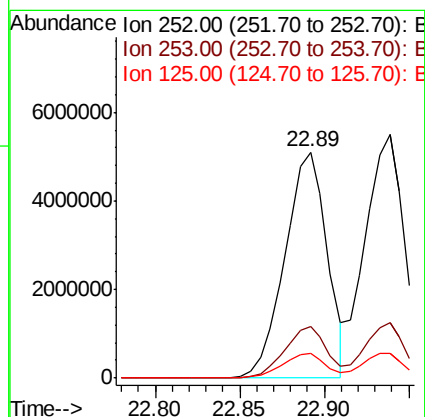
RT: 22.89 min Scan# 3367

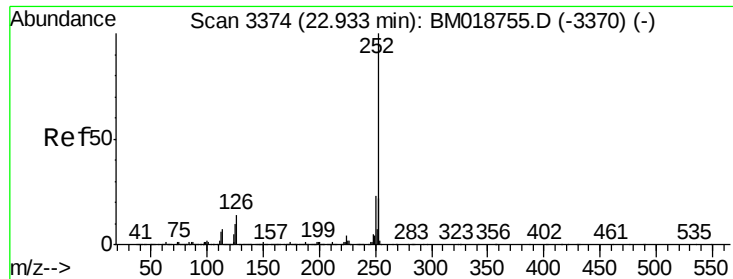
Delta R.T. 0.01 min

Lab File: BM018822.D

Acq: 15 Feb 2019 18:19

Tgt Ion:	252	Resp:	8828788
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.8	8.6	12.8





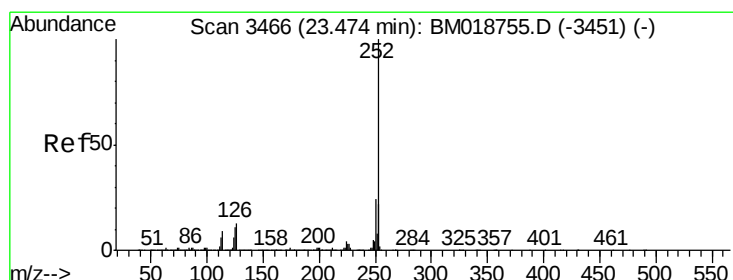
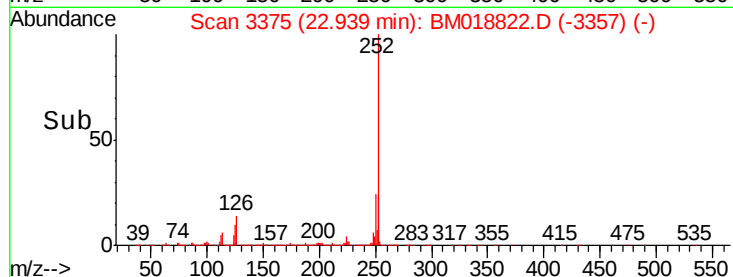
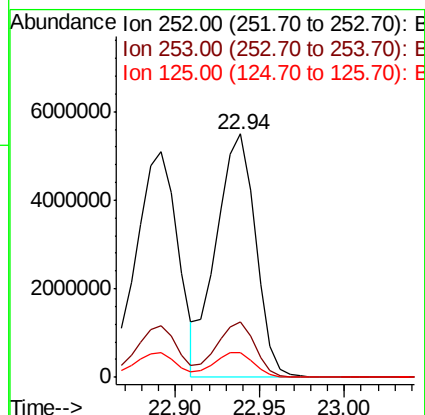
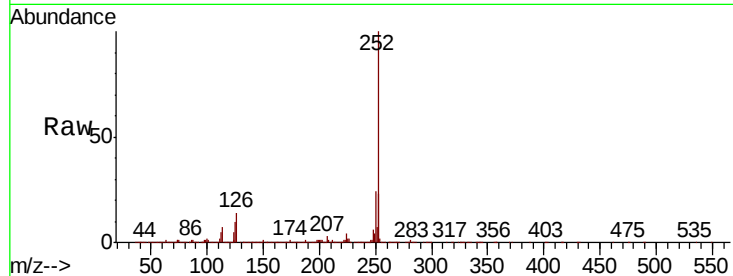
#89
Benzo(k)fluoranthene
Concen: 84.007 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	10.1	8.2	12.4

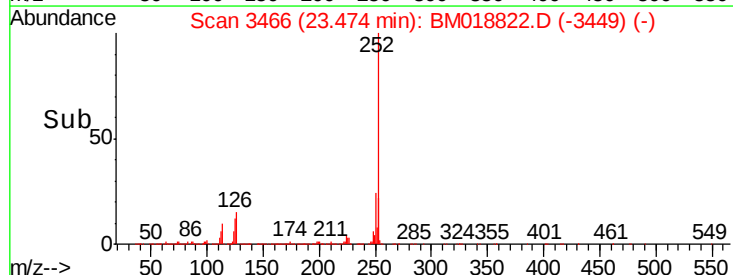
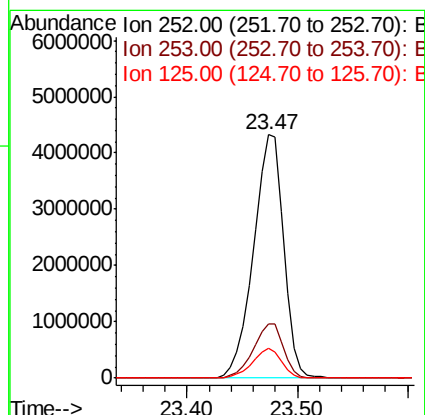
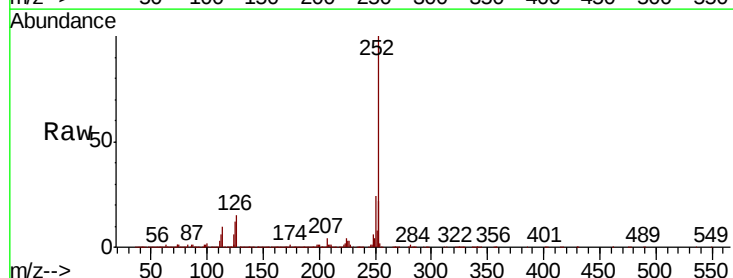
Manual Integrations
APPROVED

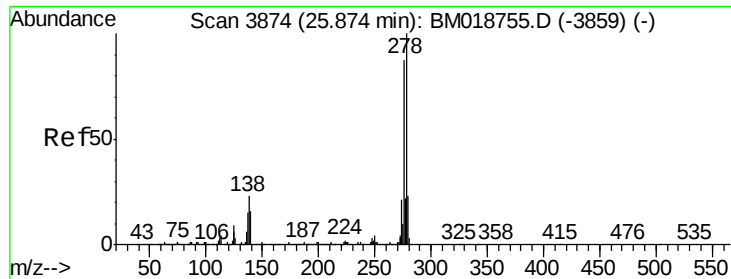
Sohil
2/18/2019 12:09:23 PM



#90
Benzo(a)pyrene
Concen: 82.400 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.1	8.6	13.0





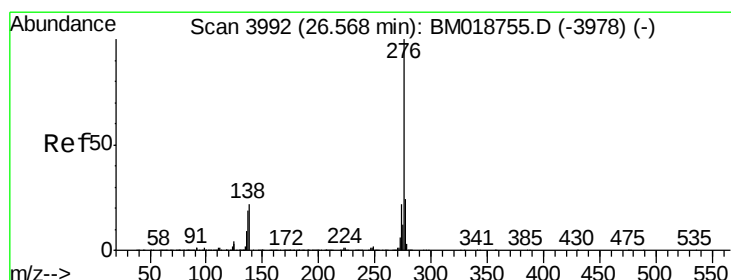
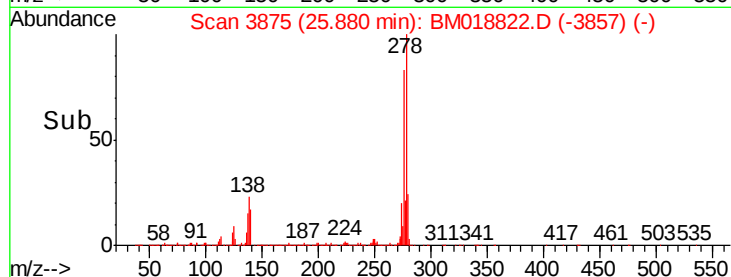
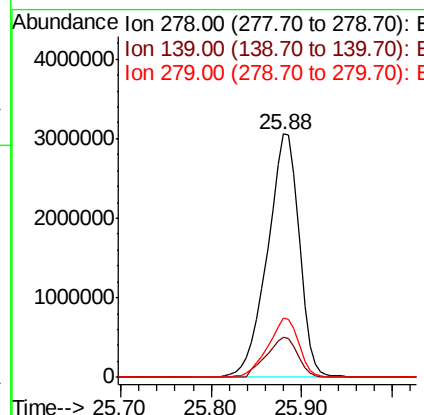
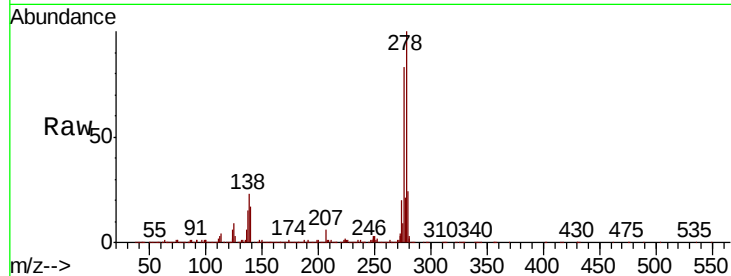
#91
Dibenzo(a,h)anthracene
Concen: 74.718 ng
RT: 25.88 min Scan# 3875
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Instrument :
BNA_M
ClientSampleId :
CH-021419MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.6	18.8
279	24.2	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/18/2019 12:09:23 PM



#92
Benzo(g,h,i)perylene
Concen: 73.384 ng
RT: 26.57 min Scan# 3993
Delta R.T. 0.01 min
Lab File: BM018822.D
Acq: 15 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	22.1	17.3	25.9

