

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018574.D
 Acq On : 15 Jan 2019 23:05
 Operator : JU/SJ
 Sample : K1131-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MSD

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:07:33 PM

Quant Time: Jan 16 00:37:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	228022	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	956460	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	576204	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1366094	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1672998	20.00	ng	0.00
87) Perylene-d12	23.62	264	1847982	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1507870	122.11	ng	-0.01
7) Phenol-d6	6.93	99	1999111	127.46	ng	0.00
23) Nitrobenzene-d5	8.92	82	1196526	72.52	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	914943	124.71	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3109394	70.41	ng	0.00
79) Terphenyl-d14	19.78	244	5397928	68.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	137264	27.272	ng	96
3) Pyridine	3.68	79	387943	30.916	ng	96
4) n-Nitrosodimethylamine	3.60	42	212813	41.013	ng	# 93
6) Aniline	7.09	93	217420	12.427	ng	98
8) 2-Chlorophenol	7.32	128	583204	40.437	ng	96
9) Benzaldehyde	6.90	77	155660	14.506	ng	99
10) Phenol	6.96	94	692011	43.419	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	458090	36.579	ng	95
12) 1,3-Dichlorobenzene	7.64	146	597839	34.807	ng	97
13) 1,4-Dichlorobenzene	7.79	146	613310	35.230	ng	99
14) 1,2-Dichlorobenzene	8.10	146	590468	35.770	ng	99
15) Benzyl Alcohol	8.00	79	474314	41.870	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	564285	35.258	ng	95
17) 2-Methylphenol	8.20	107	460170	42.535	ng	99
18) Hexachloroethane	8.82	117	218131	35.142	ng	95
19) n-Nitroso-di-n-propylamine	8.56	70	385069	37.725	ng	91
20) 3+4-Methylphenols	8.52	107	630974	42.248	ng	99
22) Acetophenone	8.58	105	789066	33.350	ng	# 97
24) Nitrobenzene	8.96	77	576014	35.482	ng	96
25) Isophorone	9.48	82	1048860	41.981	ng	97
26) 2-Nitrophenol	9.66	139	317996	40.511	ng	96
27) 2,4-Dimethylphenol	9.72	122	502298	42.692	ng	100
28) bis(2-Chloroethoxy)methane	9.96	93	635678	36.831	ng	99
29) 2,4-Dichlorophenol	10.19	162	568669	40.590	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	597556	34.363	ng	99
31) Naphthalene	10.59	128	1747989	37.948	ng	100
32) Benzoic acid	9.82	122	96725m	17.058	ng	
33) 4-Chloroaniline	10.72	127	183419	10.111	ng	98
34) Hexachlorobutadiene	10.86	225	361679	32.922	ng	98
35) Caprolactam	11.52	113	183376m	38.498	ng	
36) 4-Chloro-3-methylphenol	11.84	107	612217	41.652	ng	99
37) 2-Methylnaphthalene	12.21	142	1314110	40.378	ng	99
38) 1-Methylnaphthalene	12.43	142	1250309	39.705	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	680062	33.751	ng	99

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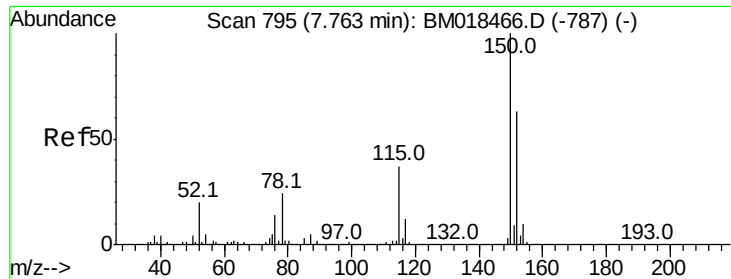
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	720443	65.147	ng	100
43) 2,4,6-Trichlorophenol	12.82	196	478680	39.120	ng	98
44) 2,4,5-Trichlorophenol	12.90	196	523270	40.662	ng	97
46) 1,1'-Biphenyl	13.23	154	1707320	33.935	ng	99
47) 2-Chloronaphthalene	13.27	162	1320640	33.850	ng	100
48) 2-Nitroaniline	13.49	65	372435	38.802	ng	90
49) Acenaphthylene	14.12	152	2189651	38.512	ng	99
50) Dimethylphthalate	13.86	163	2644024	55.873	ng	99
51) 2,6-Dinitrotoluene	13.99	165	387604	38.668	ng	94
52) Acenaphthene	14.46	154	1251892	35.986	ng	98
53) 3-Nitroaniline	14.32	138	153449	15.184	ng	97
54) 2,4-Dinitrophenol	14.53	184	265890	51.790	ng	91
55) Dibenzofuran	14.80	168	2051587	35.692	ng	98
56) 4-Nitrophenol	14.64	139	737157	84.436	ng	94
57) 2,4-Dinitrotoluene	14.77	165	559221	39.430	ng	99
58) Fluorene	15.45	166	1688307	39.430	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	483976	42.430	ng	97
60) Diethylphthalate	15.23	149	1793177	37.536	ng	99
61) 4-Chlorophenyl-phenylether	15.44	204	849612	34.427	ng	99
62) 4-Nitroaniline	15.49	138	382148	34.669	ng	96
63) Azobenzene	15.74	77	1407437	36.135	ng	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	289659	34.921	ng	91
66) n-Nitrosodiphenylamine	15.66	169	1508673	35.602	ng	98
67) 4-Bromophenyl-phenylether	16.34	248	527649	34.515	ng	97
68) Hexachlorobenzene	16.44	284	591362	34.554	ng	99
69) Atrazine	16.62	200	582331	38.012	ng	98
70) Pentachlorophenol	16.80	266	804708	71.795	ng	98
71) Phenanthrene	17.19	178	2781095	38.274	ng	100
72) Anthracene	17.29	178	2835894	40.587	ng	100
73) Carbazole	17.56	167	2672452	37.228	ng	99
74) Di-n-butylphthalate	18.12	149	3158276	40.165	ng	99
75) Fluoranthene	19.21	202	3490649	41.667	ng	98
77) Benzidine	19.41	184	1172072	28.373	ng	100
78) Pyrene	19.58	202	3600047	36.303	ng	100
80) Butylbenzylphthalate	20.48	149	1623842	38.375	ng	93
81) Benzo(a)anthracene	21.33	228	3834181	38.902	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	703329	18.871	ng	100
83) Chrysene	21.38	228	3614841	37.982	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2301623	37.667	ng	98
85) Di-n-octyl phthalate	22.14	149	4172920	40.604	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.94	276	4763614	43.406	ng	96
88) Benzo(b)fluoranthene	22.93	252	4006462	38.188	ng	99
89) Benzo(k)fluoranthene	22.98	252	4008484	37.912	ng	98
90) Benzo(a)pyrene	23.53	252	3998972	39.814	ng	# 98
91) Dibenzo(a,h)anthracene	25.96	278	4016771	39.469	ng	99
92) Benzo(g,h,i)perylene	26.66	276	3956199	39.947	ng	97

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



#1

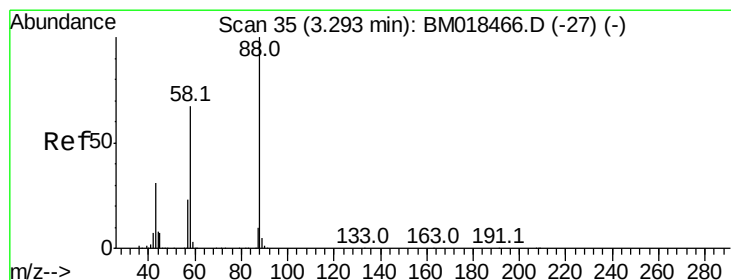
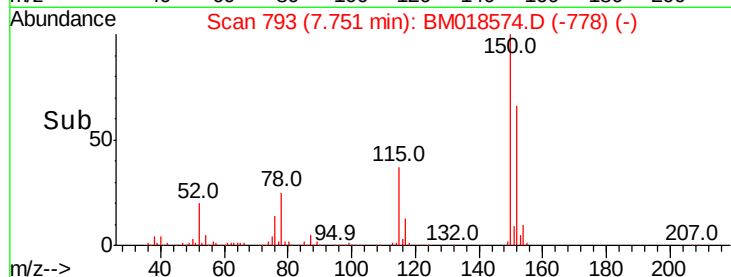
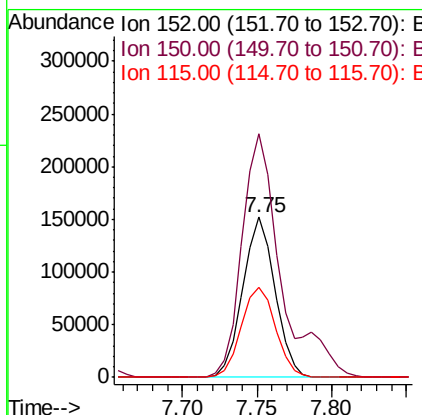
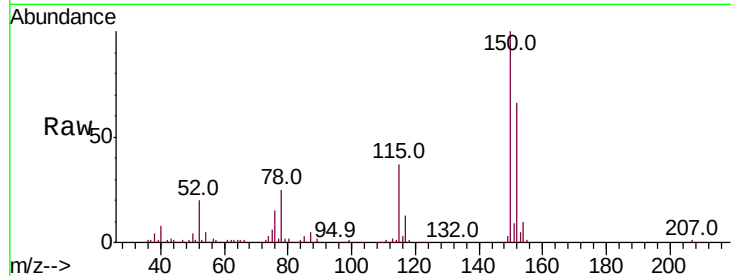
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.9	190.3
115	56.2	45.5	68.3

Manual Integrations
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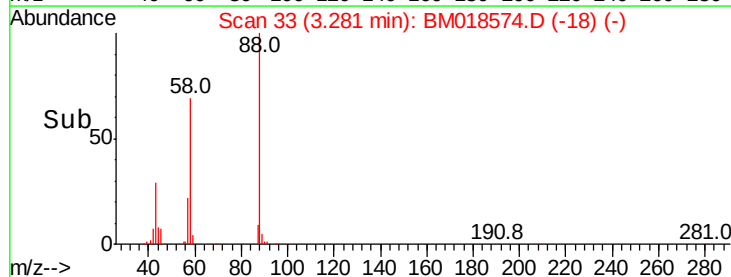
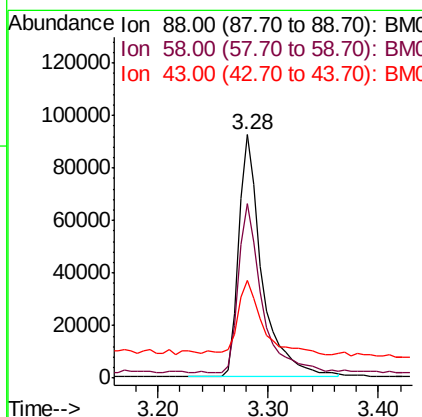
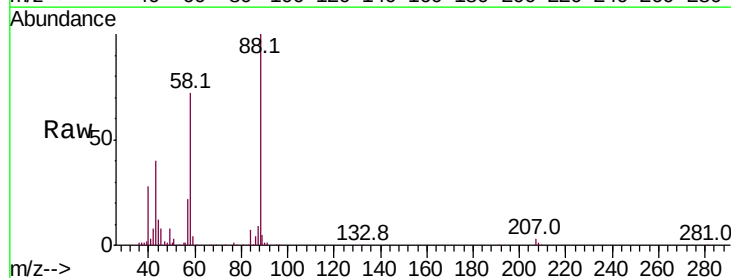
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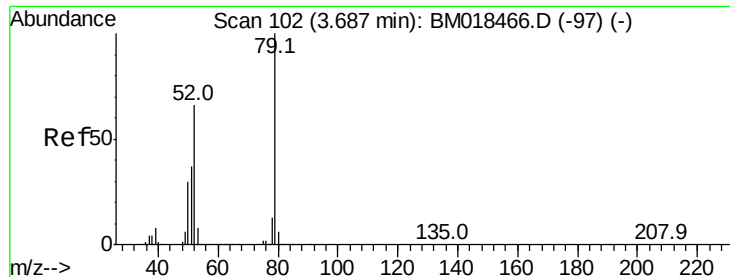


#2

1,4-Dioxane
Concen: 27.272 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	58.4	87.6
43	31.9	26.2	39.4





#3

Pvridine

Concen: 30.916 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

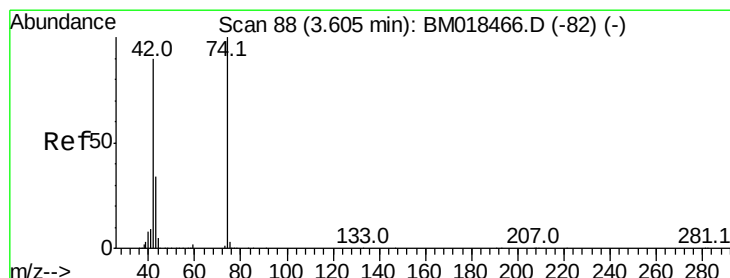
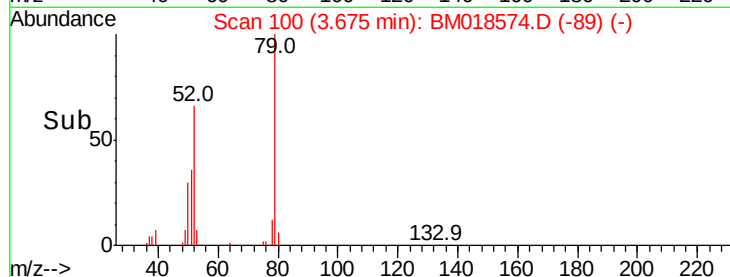
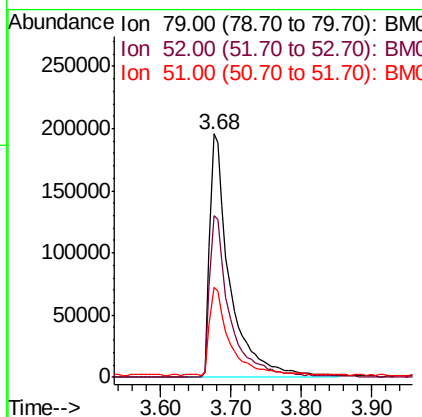
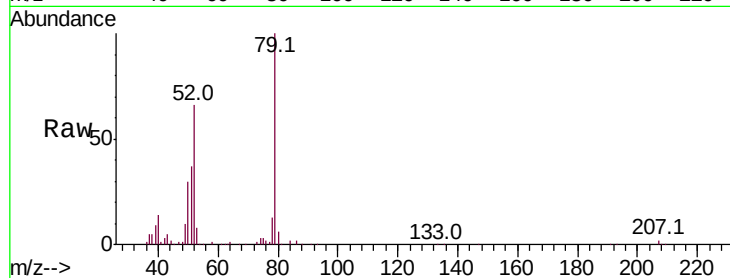
ClientSampleId :

QD-01-011019MSD

Tot Ion:	79	Resp:	387943
Ion Ratio	Lower	Upper	
79	100		
52	66.3	56.4	84.6
51	37.1	31.0	46.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.013 ng

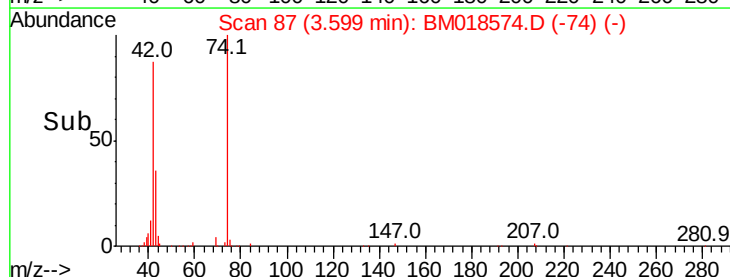
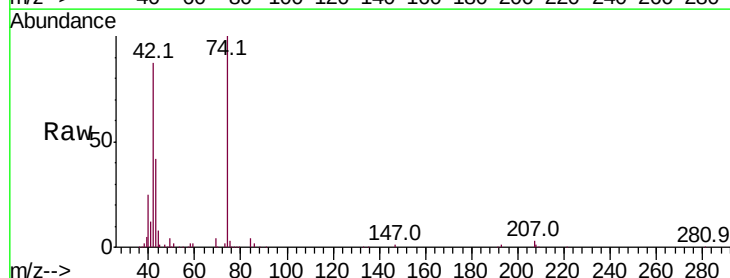
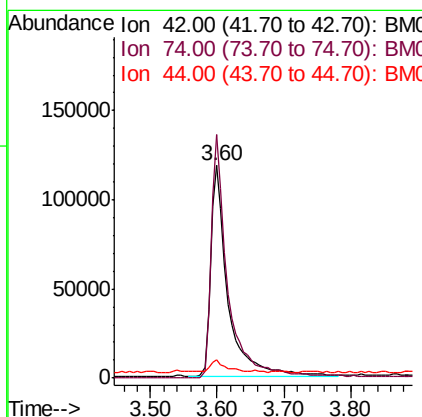
RT: 3.60 min Scan# 87

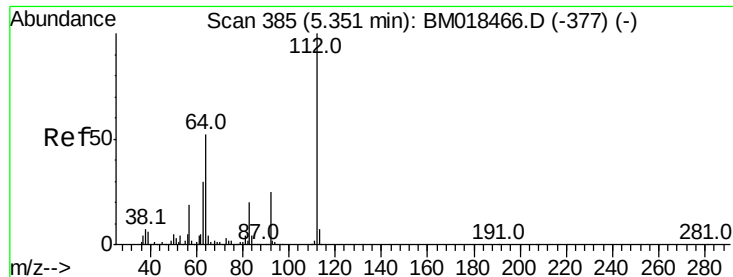
Delta R.T. -0.02 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion:	42	Resp:	212813
Ion Ratio	Lower	Upper	
42	100		
74	114.5	88.6	132.8
44	8.6	16.9	25.3#





#5

2-Fluorophenol

Concen: 122.105 ng

RT: 5.34 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:112 Resp: 1507870

Ion Ratio Lower Upper

112 100

64 54.1 46.5 69.7

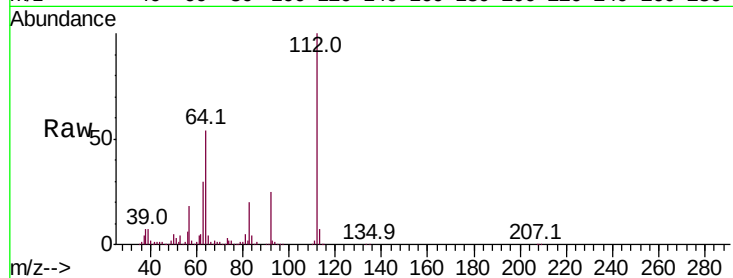
63 29.7 25.2 37.8

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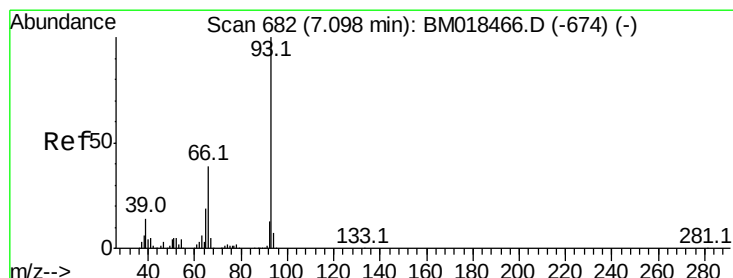
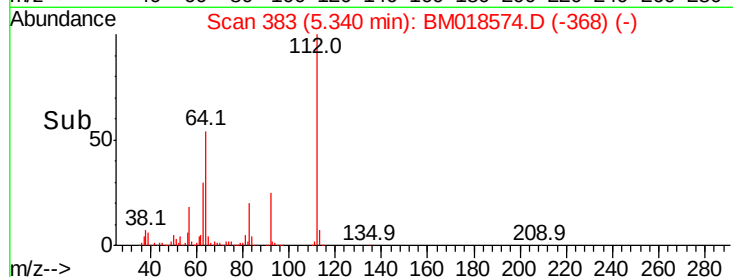
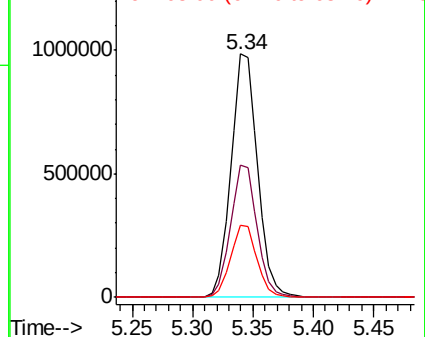
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 12.427 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

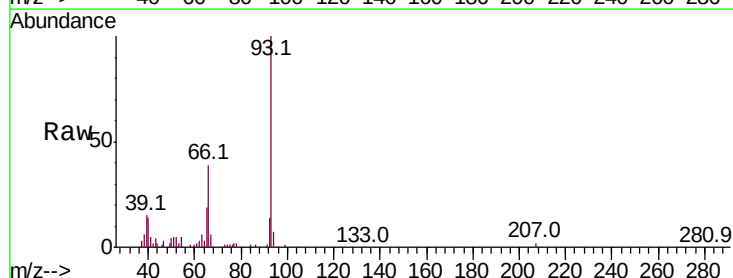
Tgt Ion: 93 Resp: 217420

Ion Ratio Lower Upper

93 100

66 38.5 31.7 47.5

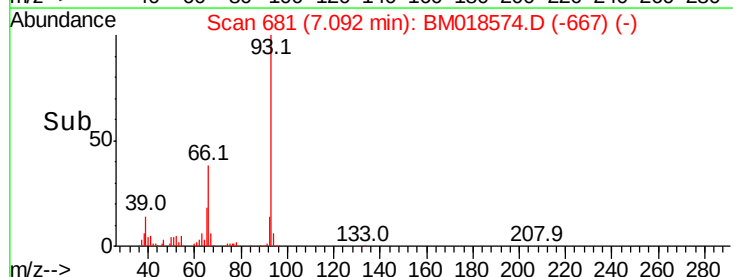
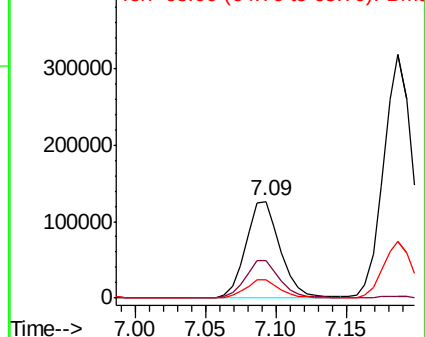
65 18.9 15.9 23.9

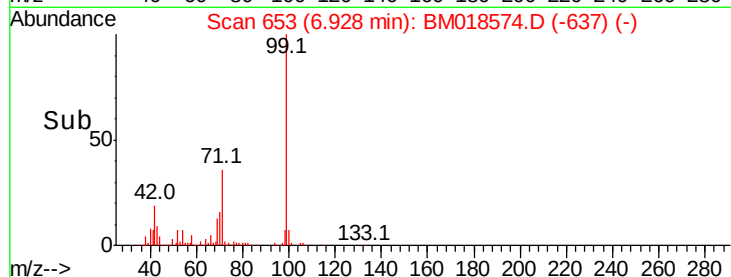
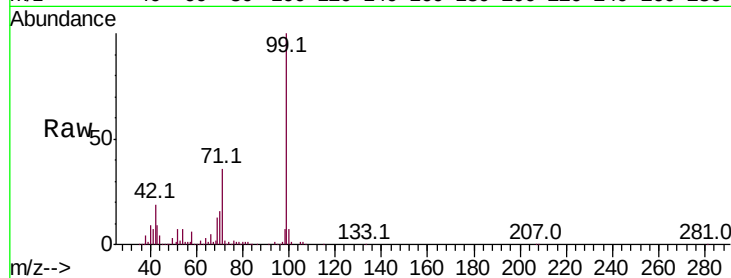
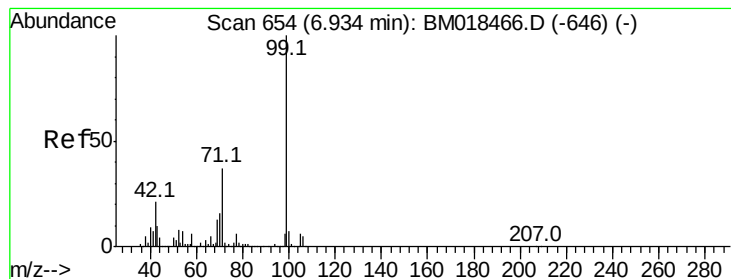


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 127.457 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tot Ion:	99	Resp:	1999111
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	36.1	28.0	42.0

Instrument :

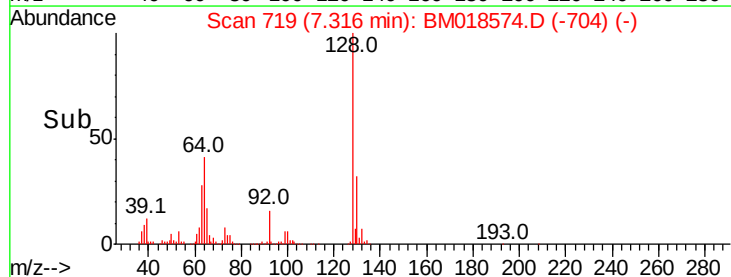
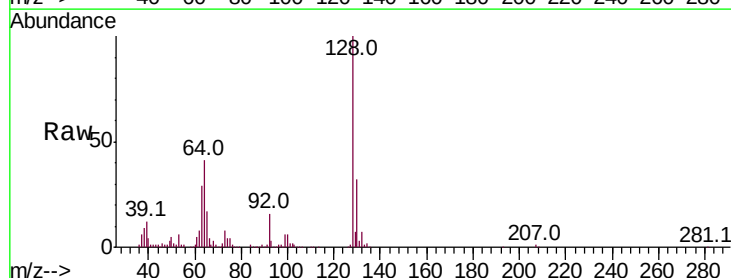
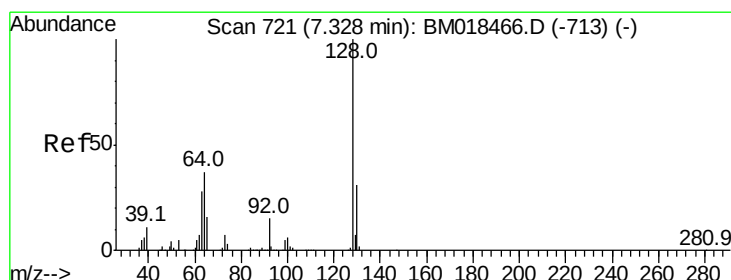
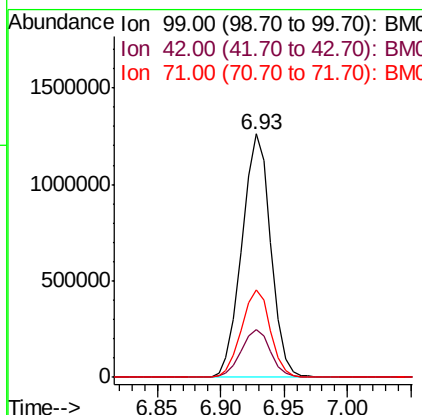
BNA_M

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#8

2-Chlorophenol

Concen: 40.437 ng

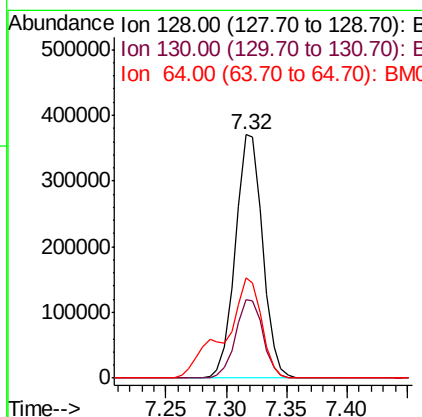
RT: 7.32 min Scan# 719

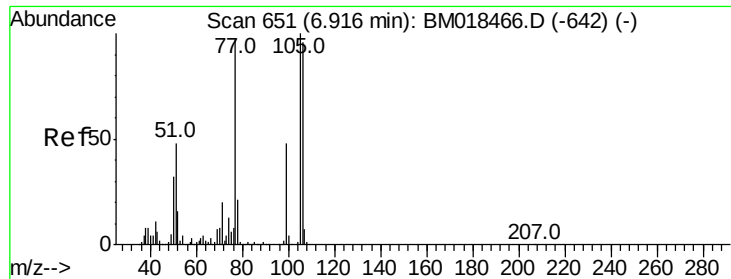
Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion:	128	Resp:	583204
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.6	53.6
64	41.0	24.8	64.8





#9

Benzaldehyde

Concen: 14.506 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion: 77 Resp: 155660

Ion Ratio Lower Upper

77 100

105 100.2 79.7 119.7

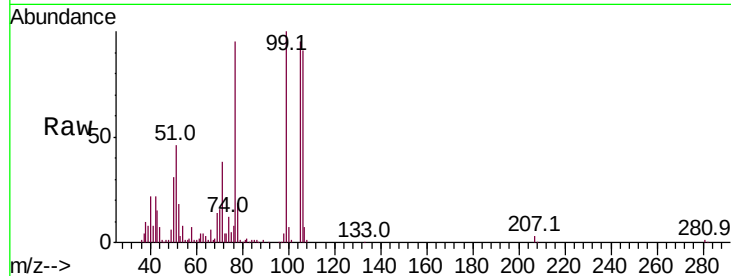
106 96.6 75.2 115.2

Manual Integrations

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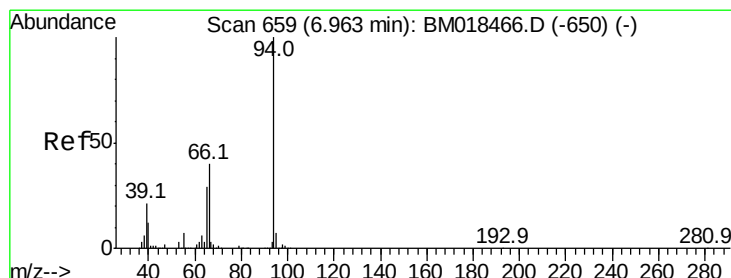
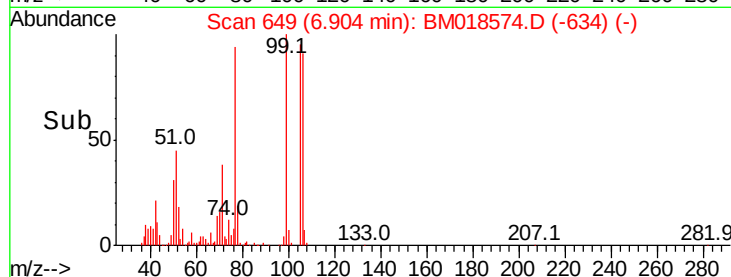
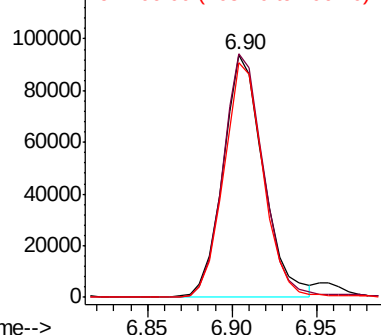
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Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 43.419 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

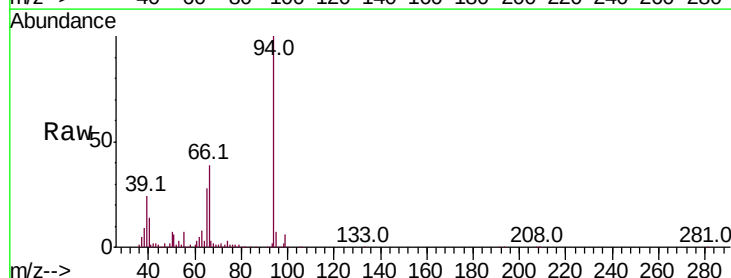
Tgt Ion: 94 Resp: 692011

Ion Ratio Lower Upper

94 100

65 28.2 9.4 49.4

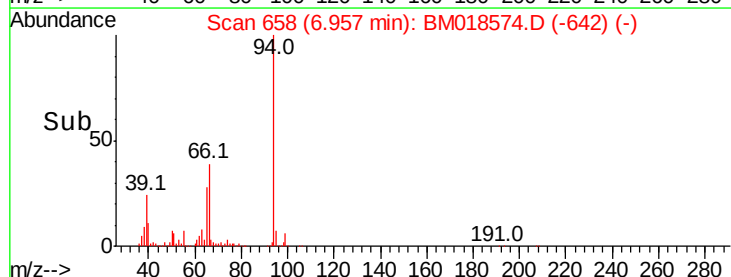
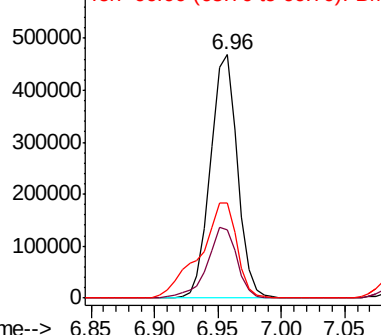
66 39.3 19.1 59.1

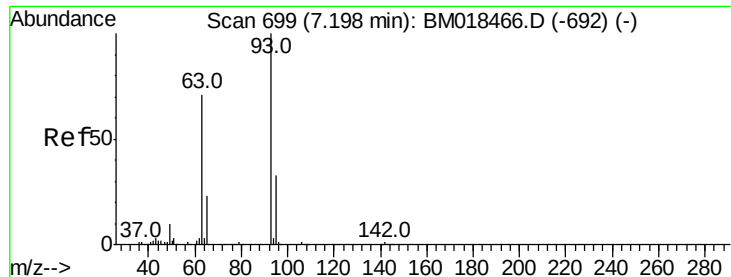


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





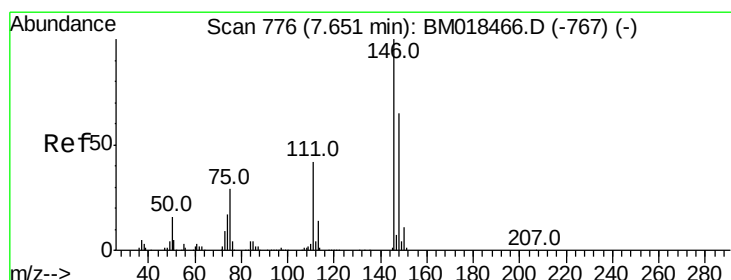
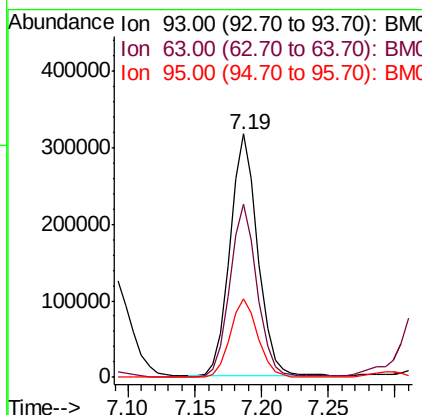
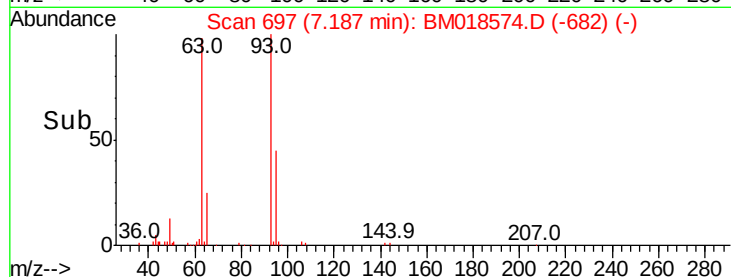
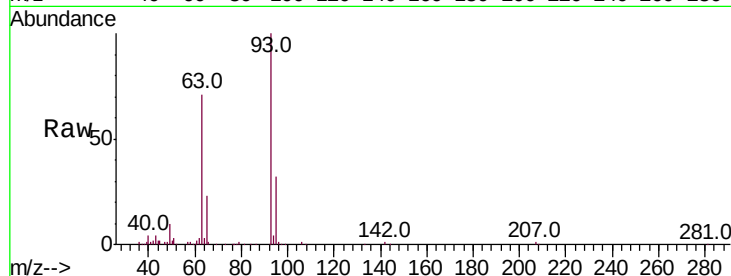
#11
bis(2-Chloroethyl)ether
Concen: 36.579 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	56.4	96.4
95	32.1	12.7	52.7

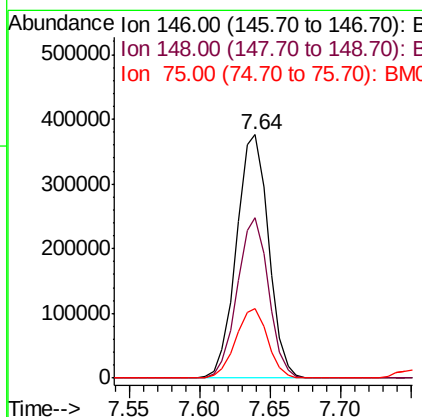
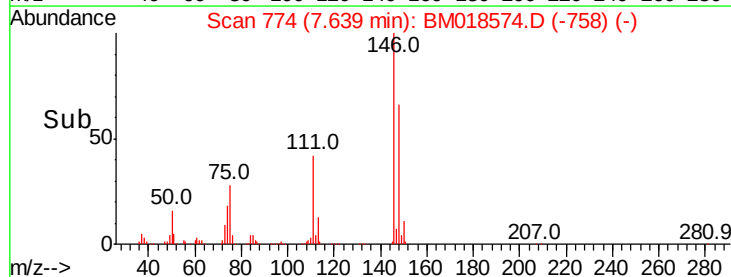
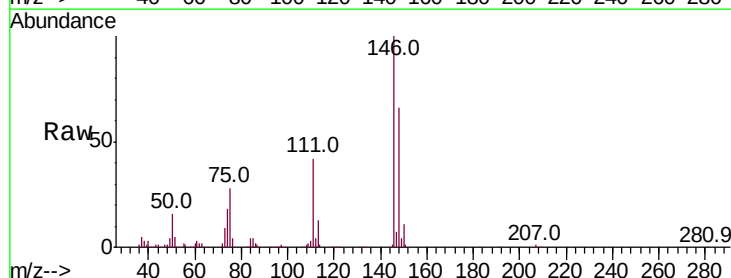
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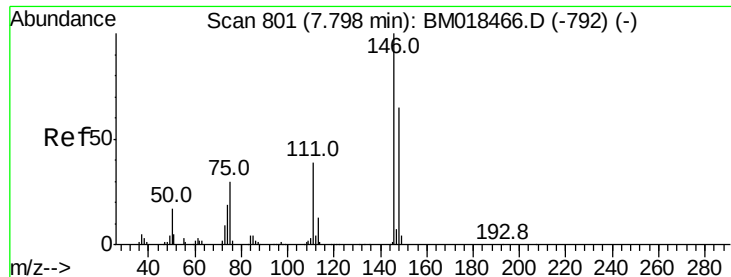
Sohil
1/16/2019 2:07:33 PM



#12
1,3-Dichlorobenzene
Concen: 34.807 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.5	75.7
75	28.5	23.0	34.6





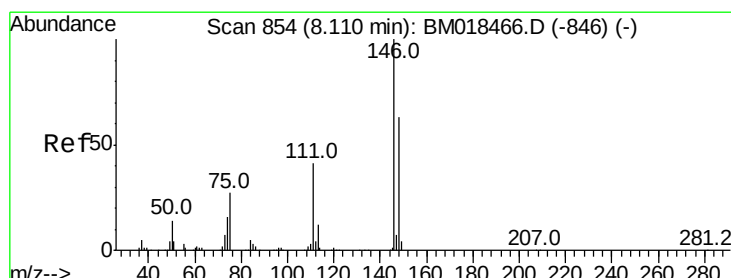
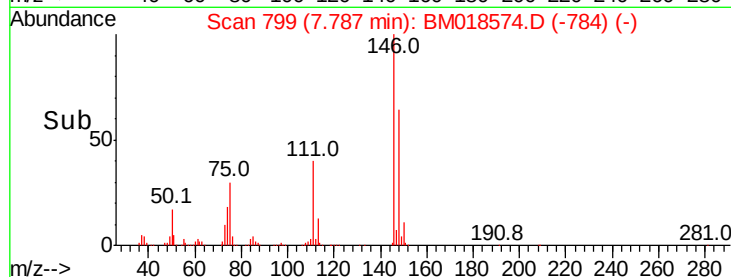
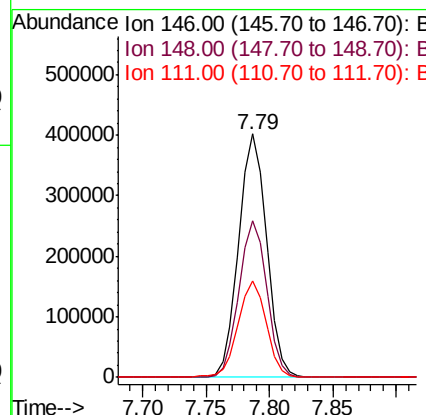
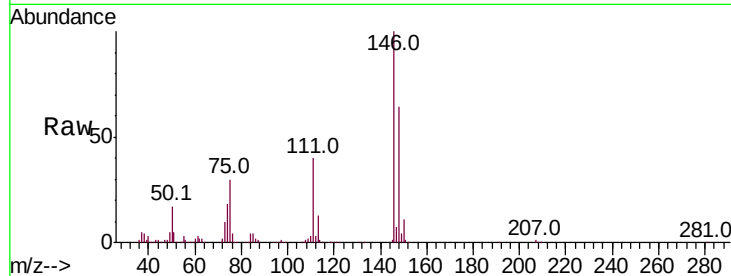
#13
 1,4-Dichlorobenzene
 Concen: 35.230 ng
 RT: 7.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	39.8	32.2	48.2

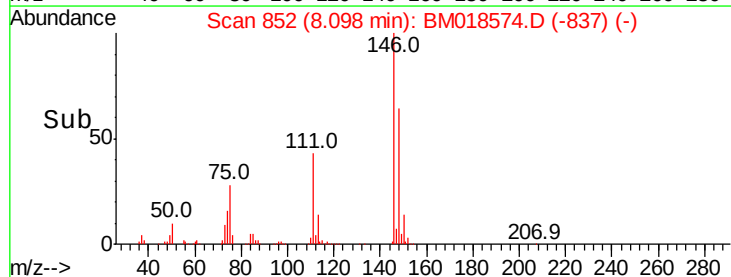
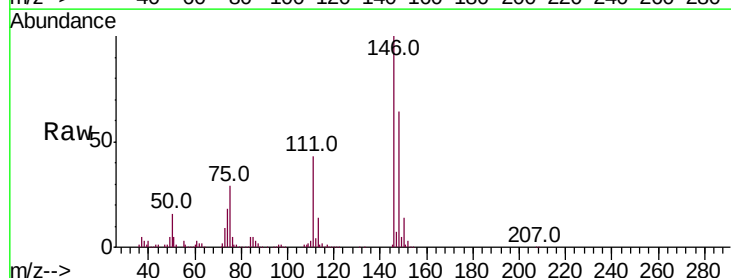
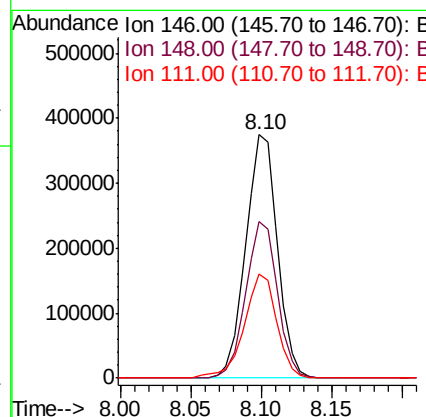
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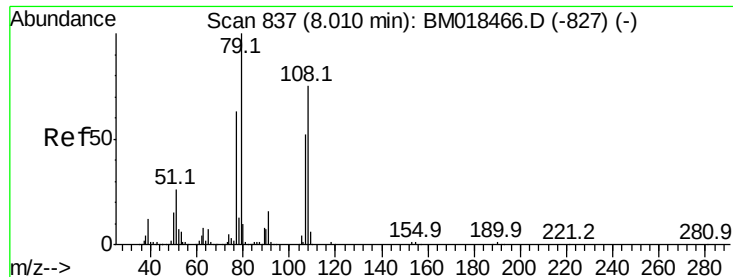
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.770 ng
 RT: 8.10 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	42.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.870 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

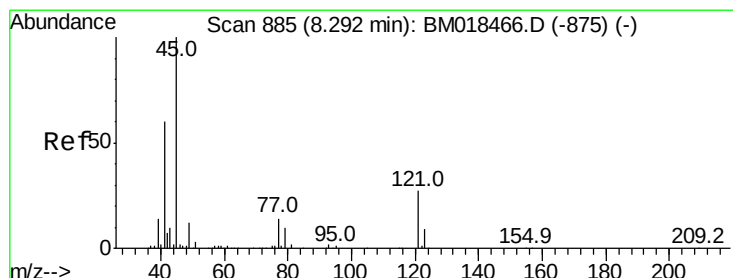
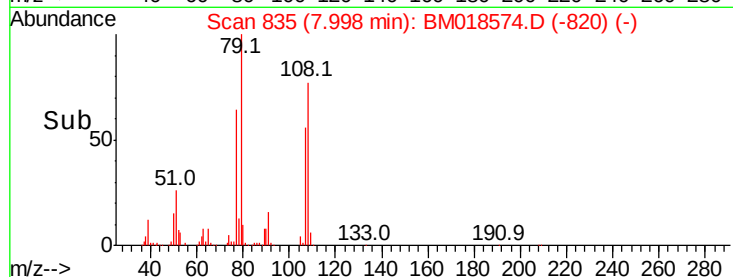
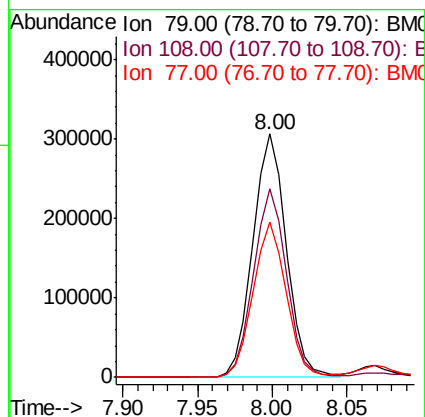
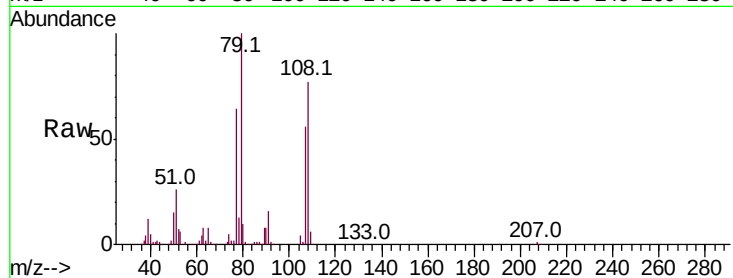
ClientSampleId :

QD-01-011019MSD

Tot Ion:	79	Resp:	474314
Ion Ratio	Lower	Upper	
79	100		
108	77.5	60.4	90.6
77	64.0	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.258 ng

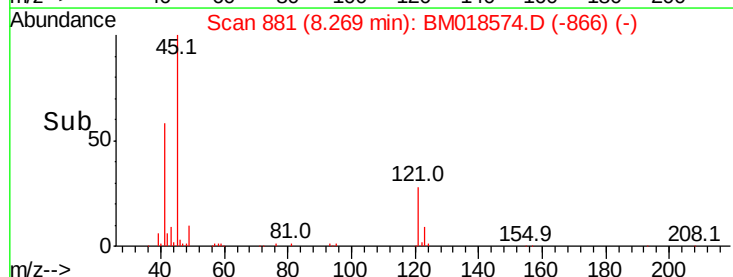
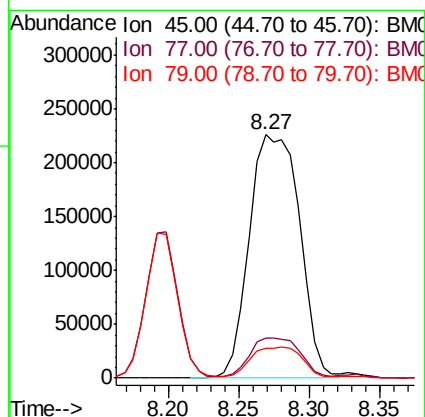
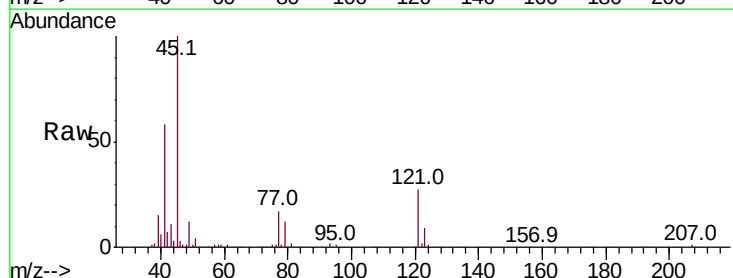
RT: 8.27 min Scan# 881

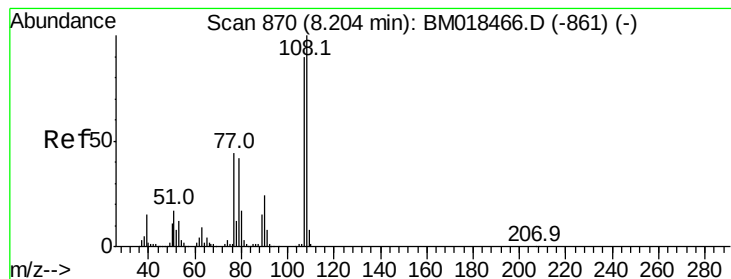
Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion:	45	Resp:	564285
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	33.4
79	12.1	0.0	31.1





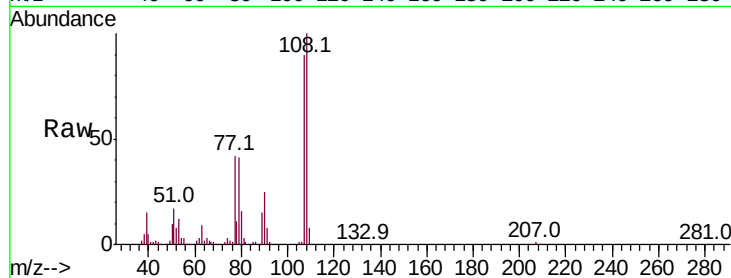
#17
2-Methylphenol
Concen: 42.535 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

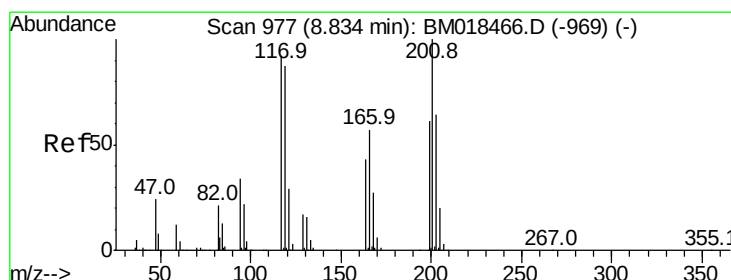
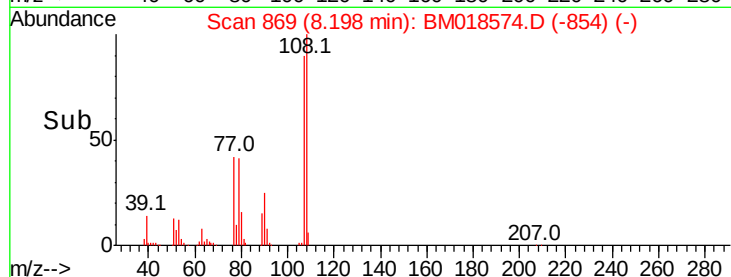
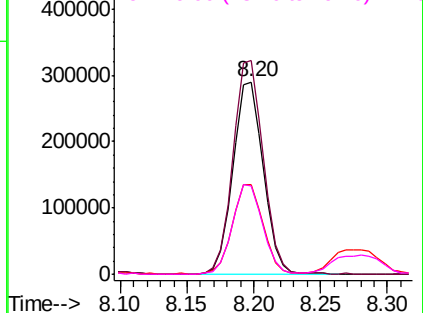
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	87.5	131.3	
77	46.8	37.3	55.9	
79	46.1	36.4	54.6	

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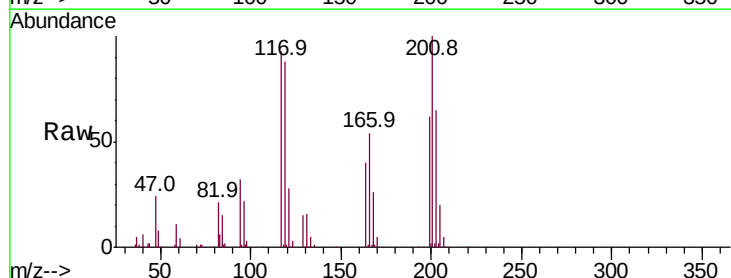


Abundance Ion 107.00 (106.70 to 107.70): E
500000 Ion 108.00 (107.70 to 108.70): E
400000 Ion 77.00 (76.70 to 77.70): BM
300000 Ion 79.00 (78.70 to 79.70): BM

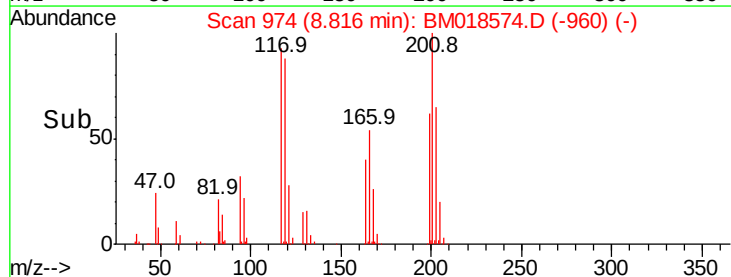
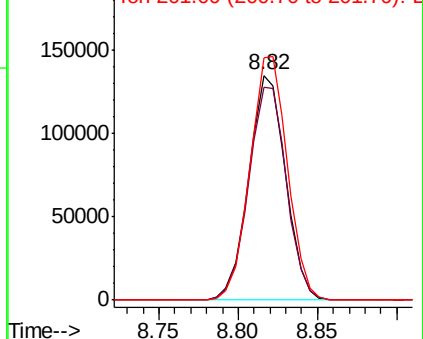


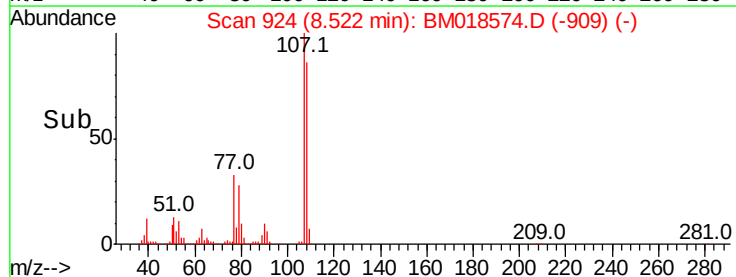
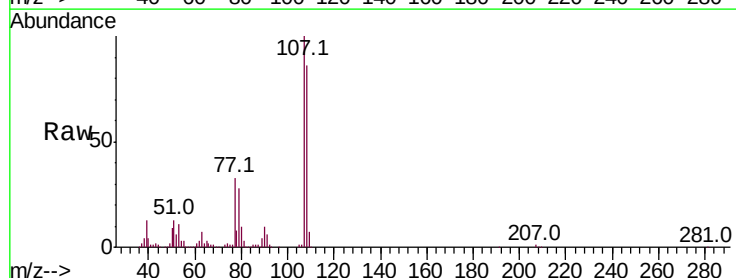
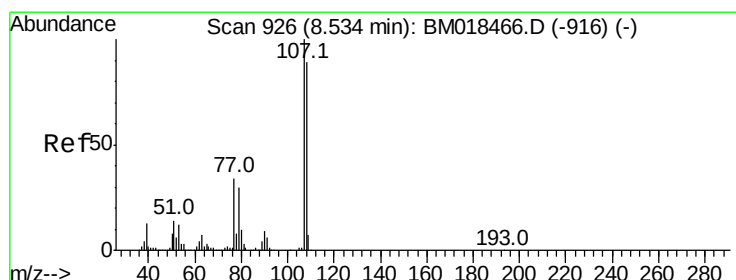
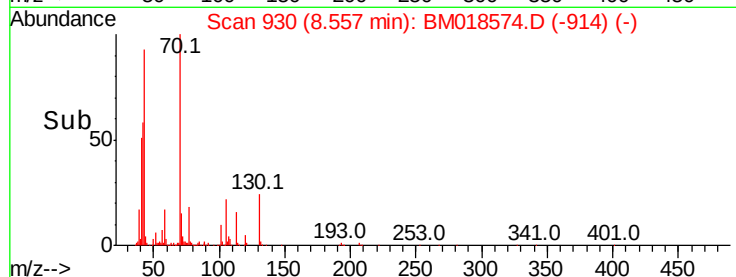
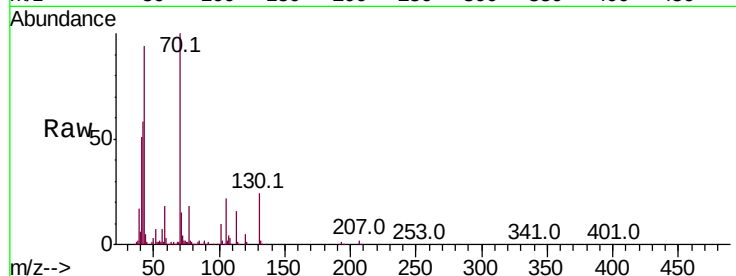
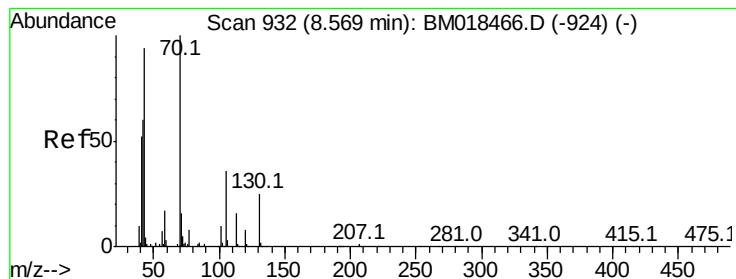
#18
Hexachloroethane
Concen: 35.142 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.02 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	78.3	117.5	
201	108.0	81.4	122.0	



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
150000 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.725 ng

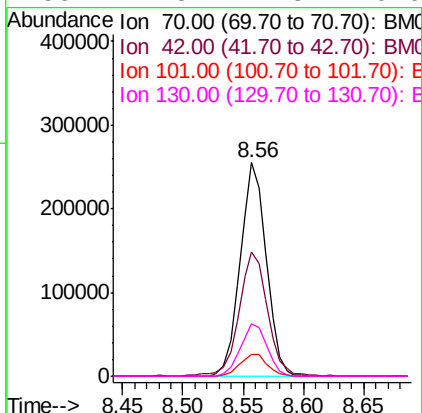
RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	54.0	81.0
101	10.4	8.1	12.1
130	24.3	17.8	26.6



Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

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#20

3+4-Methylphenols

Concen: 42.248 ng

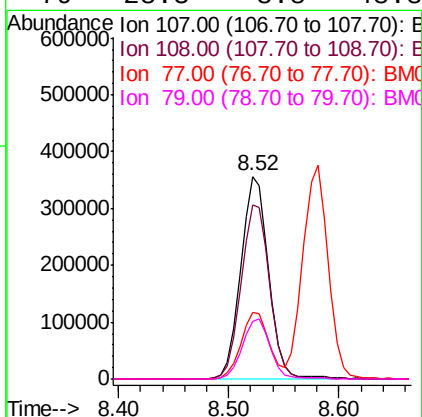
RT: 8.52 min Scan# 924

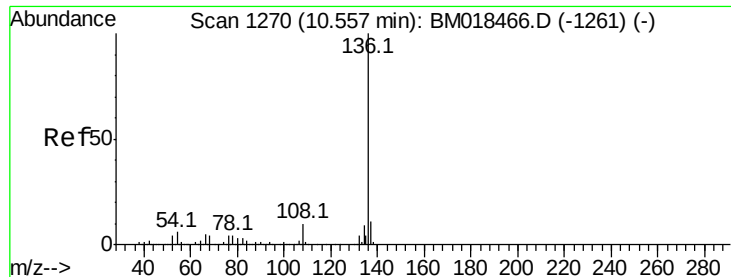
Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	66.8	106.8
77	33.1	13.3	53.3
79	28.3	8.8	48.8





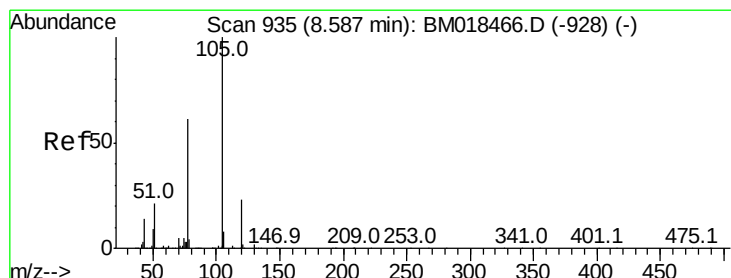
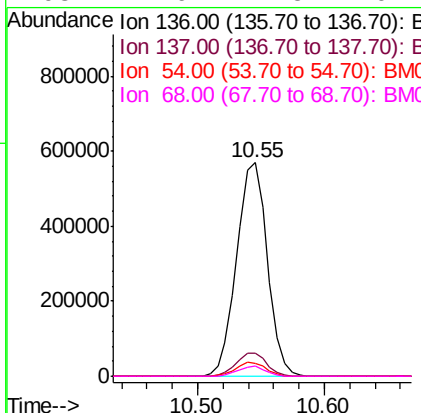
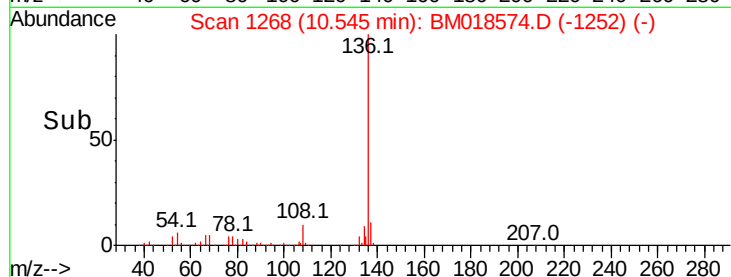
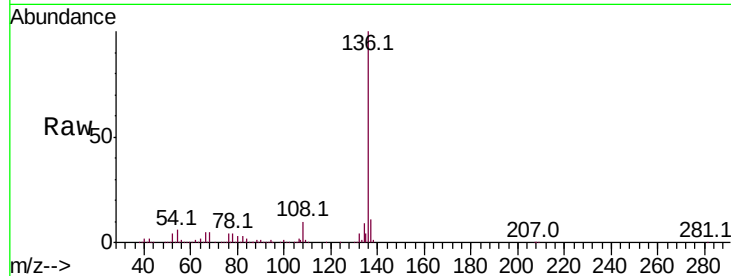
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	956460		
137	10.9		8.5	12.7
54	6.1		6.0	9.0
68	4.6		4.5	6.7

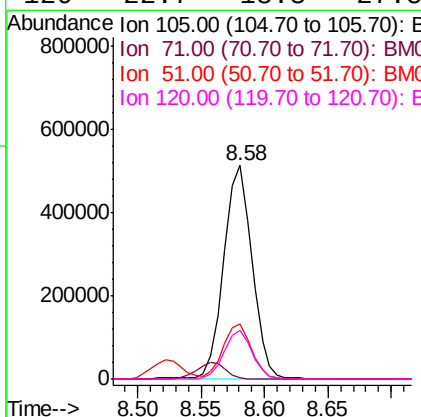
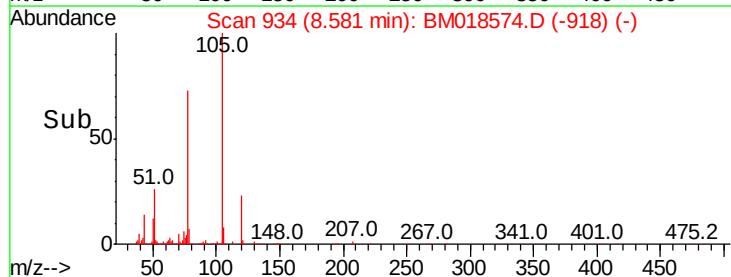
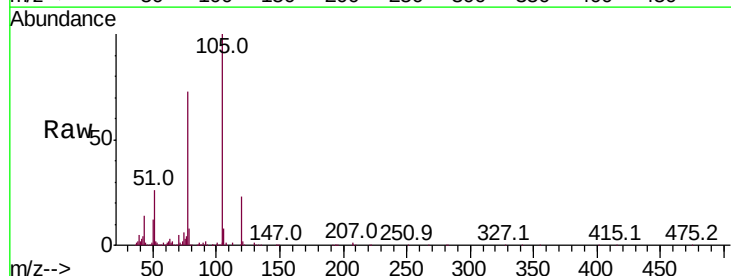
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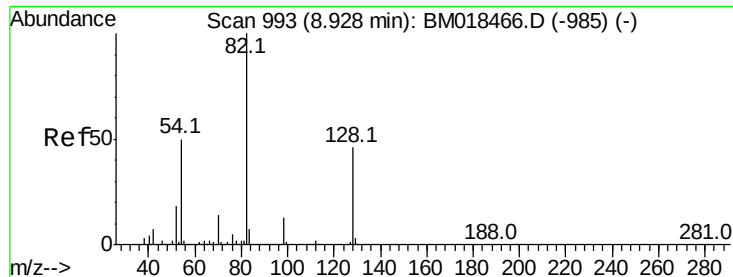
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#22
Acetophenone
Concen: 33.350 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	789066		
71	0.7		1.7	2.5#
51	26.0		22.6	34.0
120	22.7		18.3	27.5





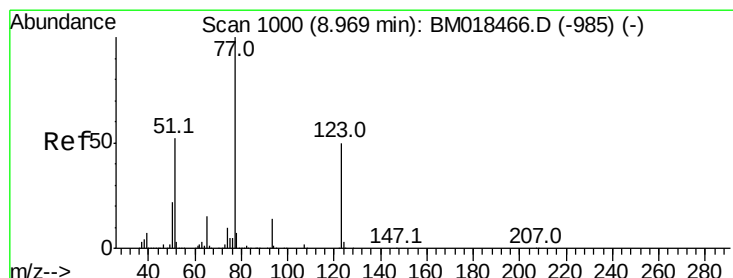
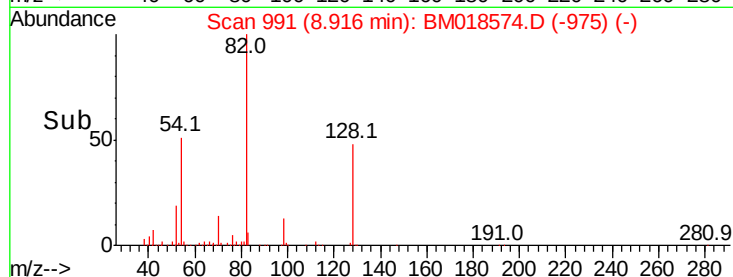
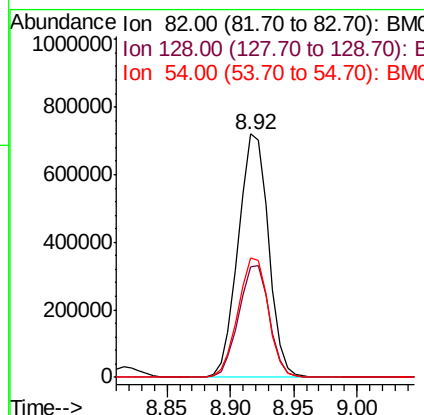
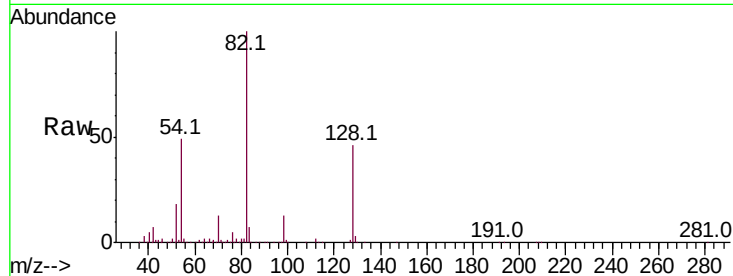
#23
Nitrobenzene-d5
Concen: 72.521 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.3	54.5
54	49.3	41.7	62.5

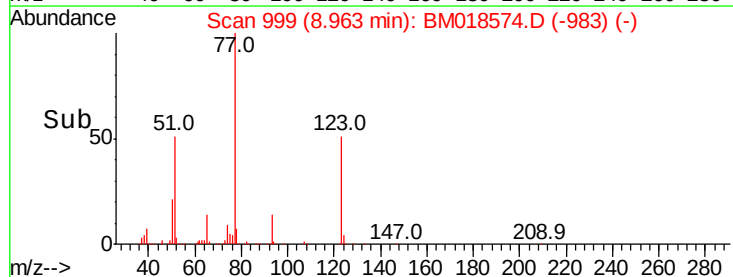
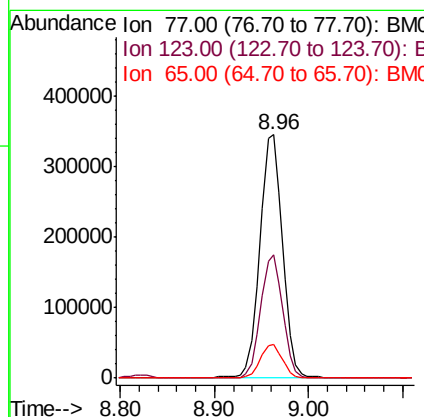
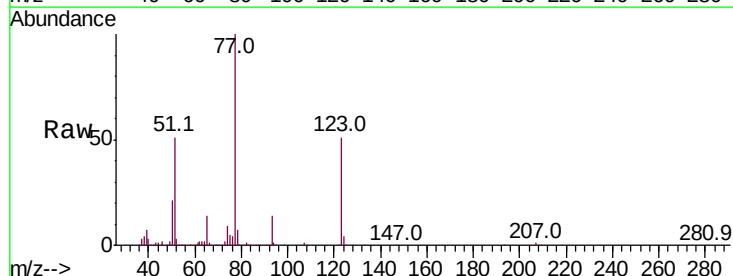
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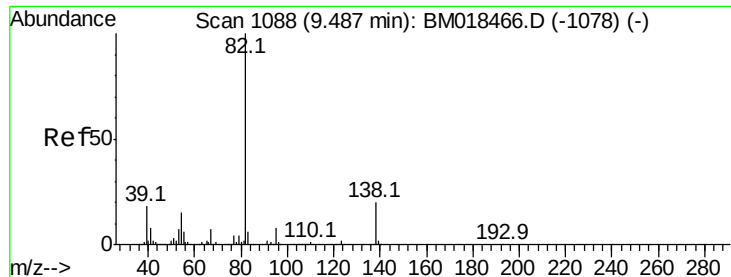
Sohil
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#24
Nitrobenzene
Concen: 35.482 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.7	56.5
65	13.9	11.0	16.6





#25

Isophorone

Concen: 41.981 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion: 82 Resp: 1048860

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

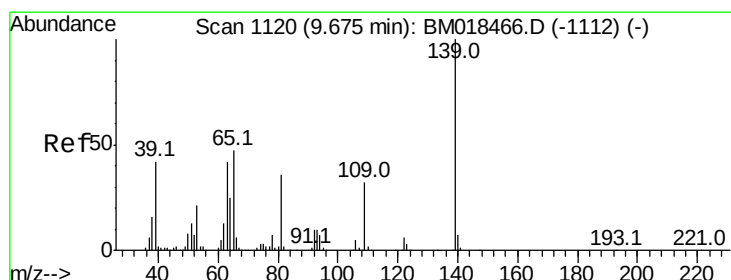
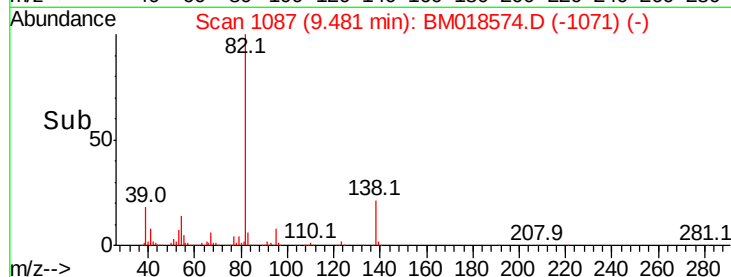
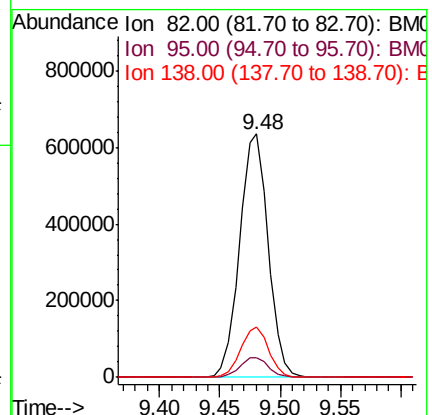
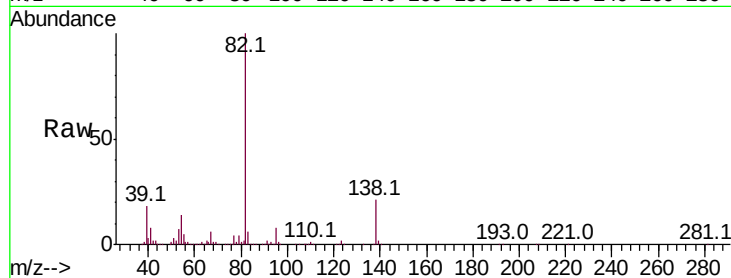
138 20.5 15.1 22.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.511 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

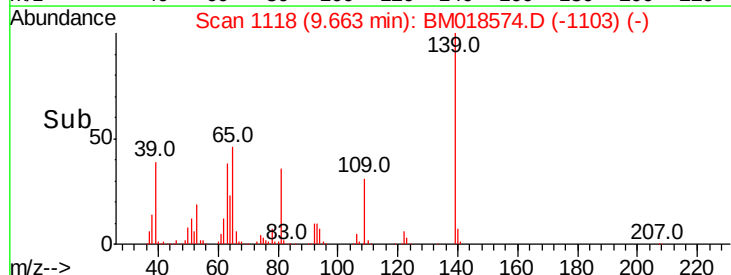
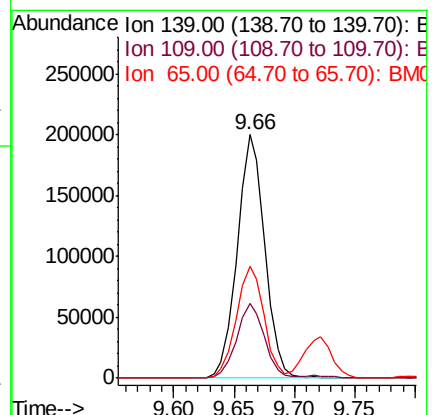
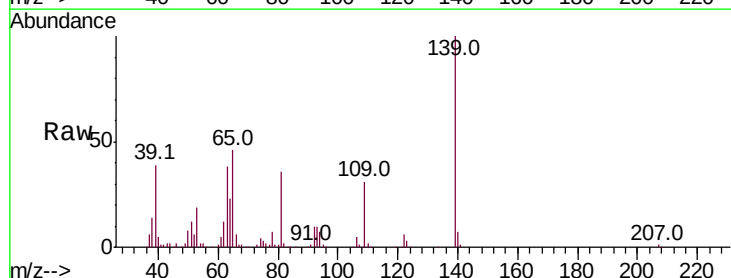
Tgt Ion: 139 Resp: 317996

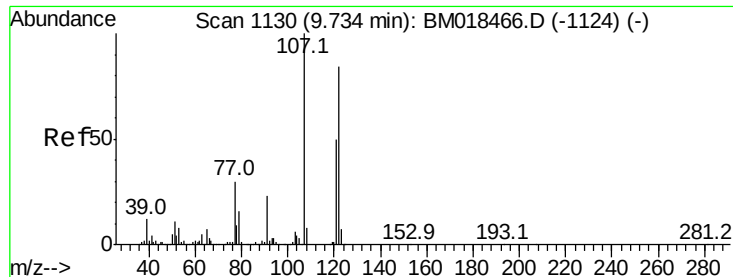
Ion Ratio Lower Upper

139 100

109 30.9 23.4 35.2

65 46.0 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 42.692 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

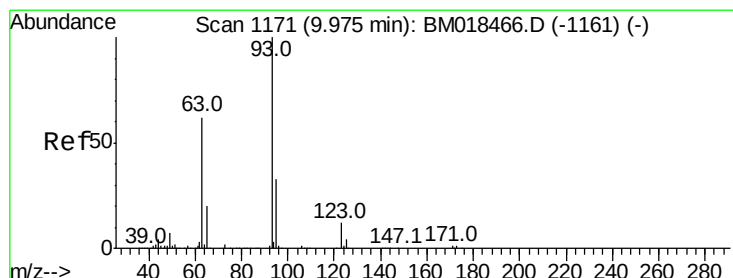
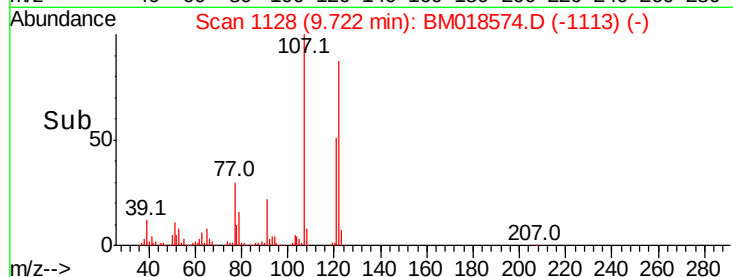
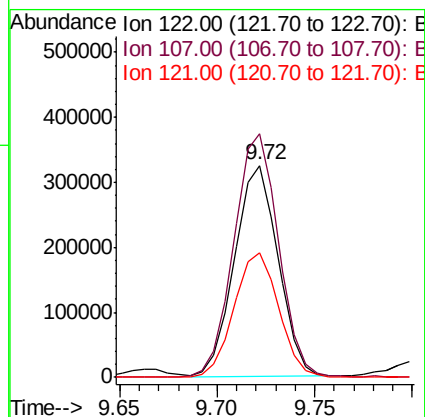
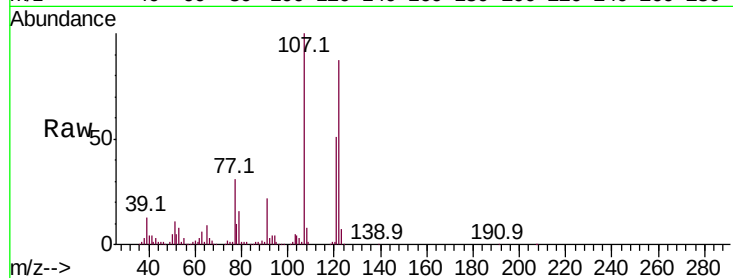
ClientSampleId :

QD-01-011019MSD

Tot Ion:	122	Resp:	502298
Ion Ratio	Lower	Upper	
122	100		
107	115.0	91.9	137.9
121	58.7	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 36.831 ng

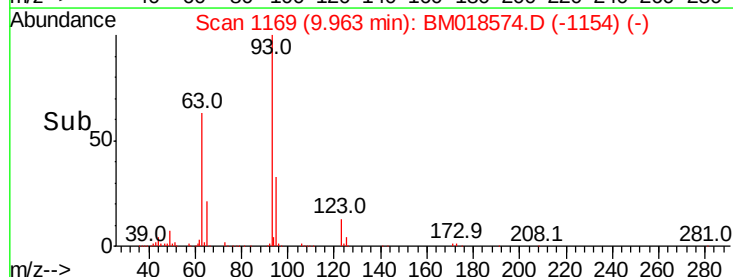
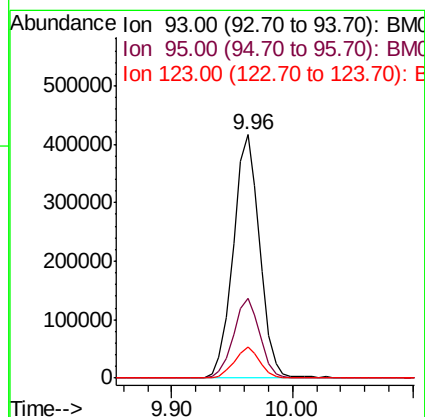
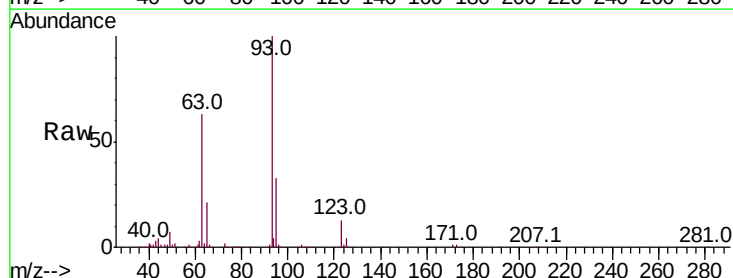
RT: 9.96 min Scan# 1169

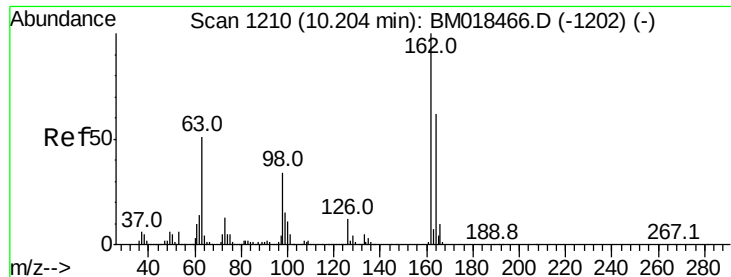
Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion:	93	Resp:	635678
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.6	39.8
123	12.9	9.9	14.9





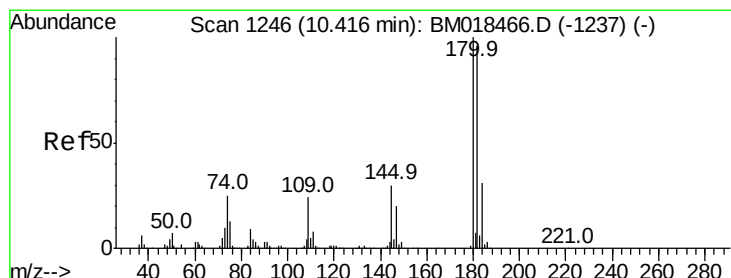
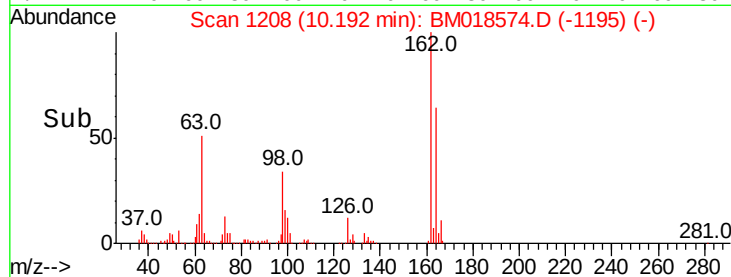
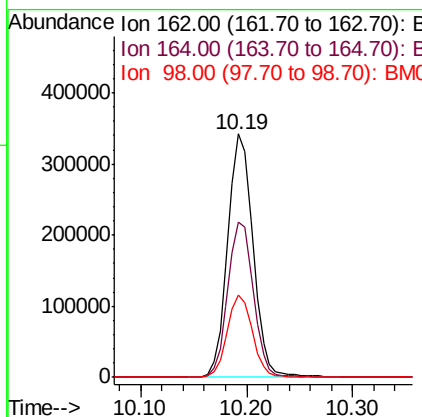
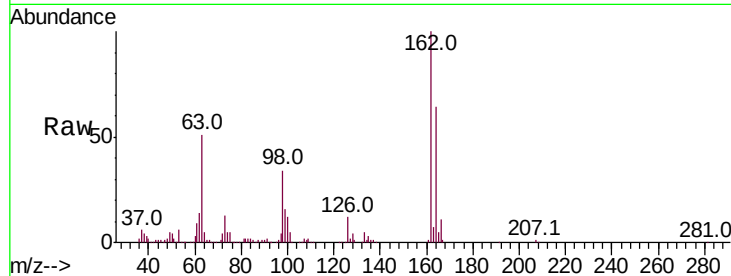
#29
2,4-Dichlorophenol
Concen: 40.590 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	45.6	85.6
98	33.7	14.7	54.7

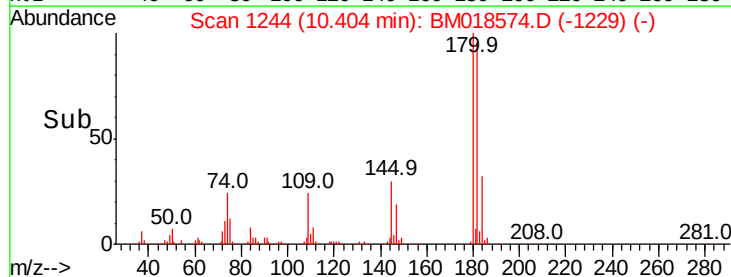
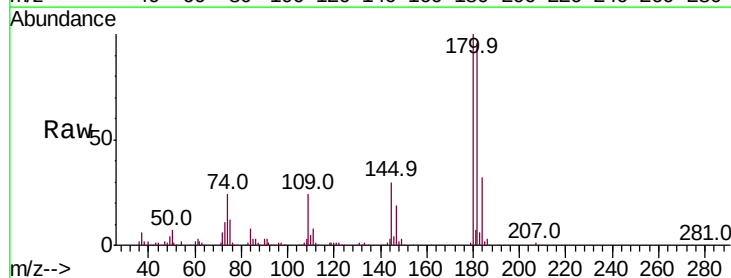
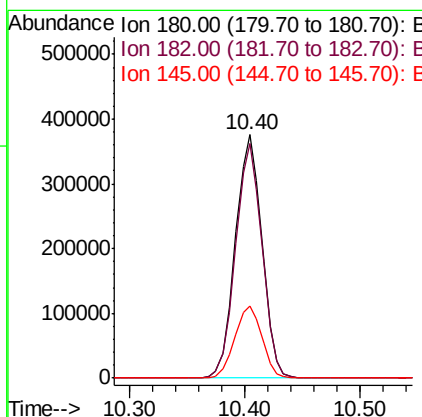
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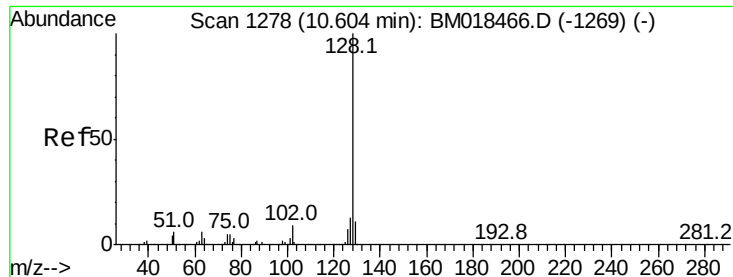
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#30
1,2,4-Trichlorobenzene
Concen: 34.363 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	77.4	116.2
145	29.7	24.6	37.0





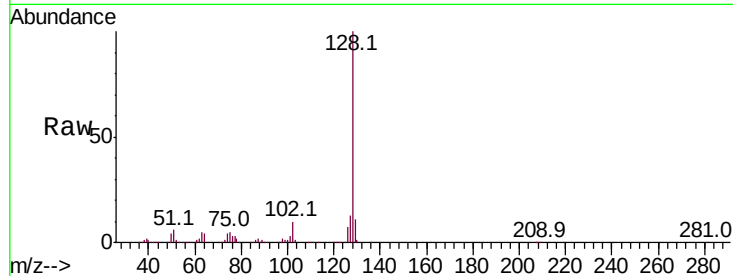
#31
Naphthalene
Concen: 37.948 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.5	10.8	16.2

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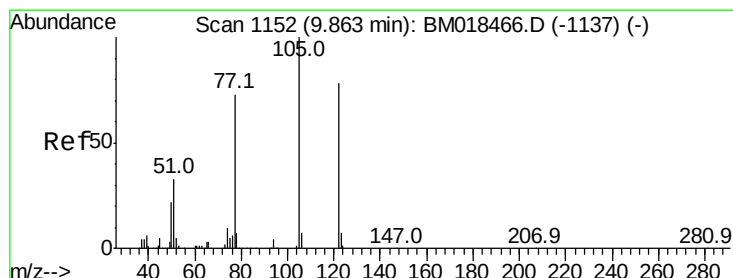
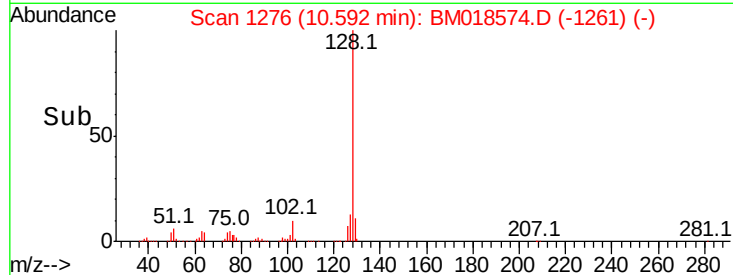
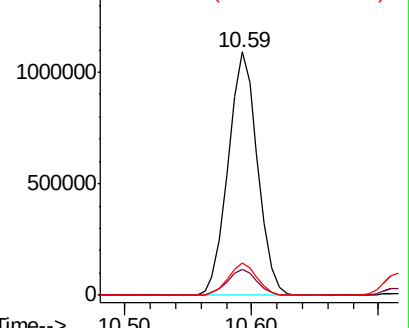


Abundance

Ion 128.00 (127.70 to 128.70): E

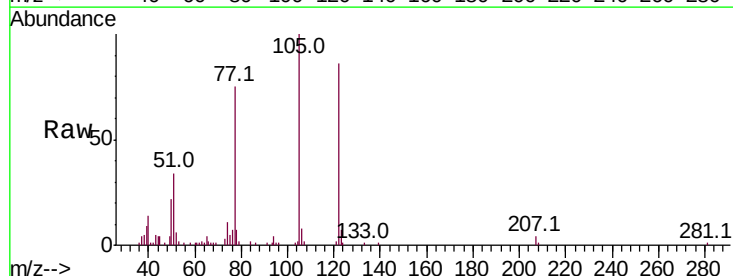
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 17.058 ng m
RT: 9.82 min Scan# 1144
Delta R.T. -0.09 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.2	100.4	140.4
77	86.7	71.7	111.7

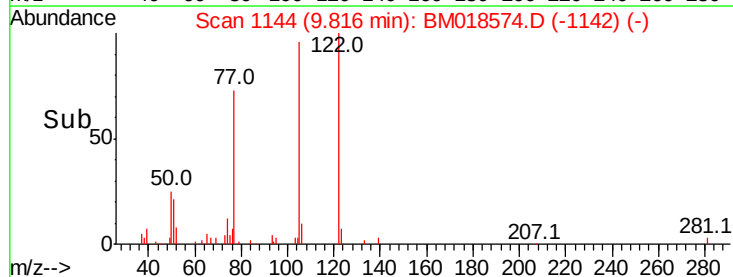
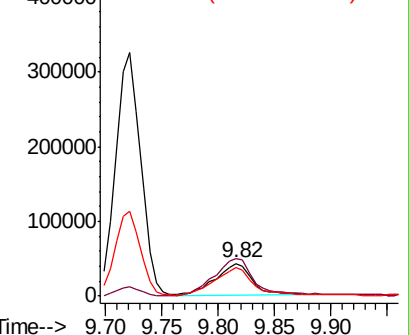


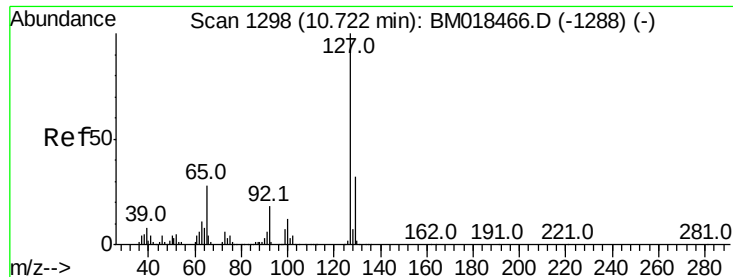
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





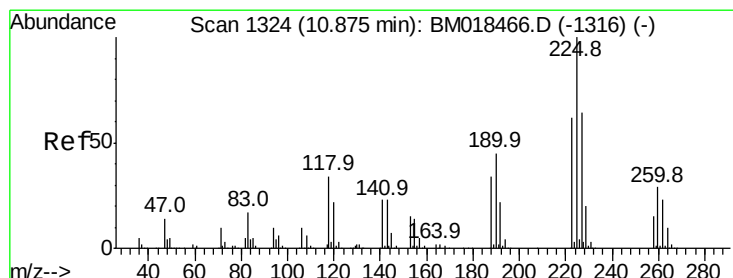
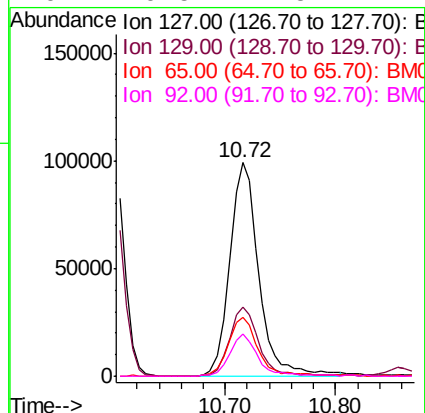
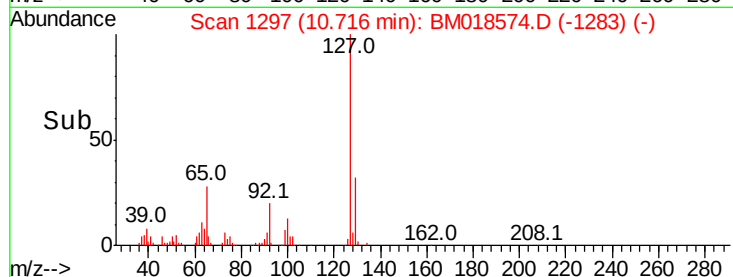
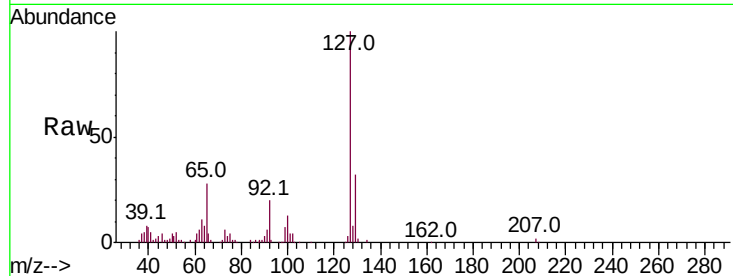
#33
4-Chloroaniline
Concen: 10.111 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	27.6	23.4	35.2	
92	19.5	14.5	21.7	

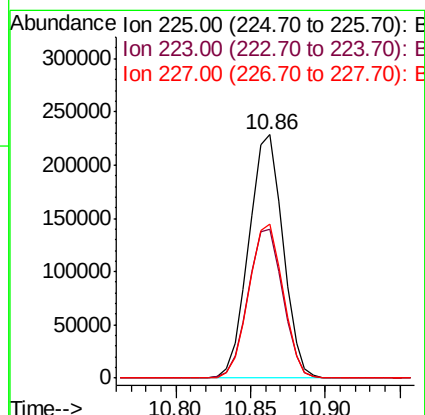
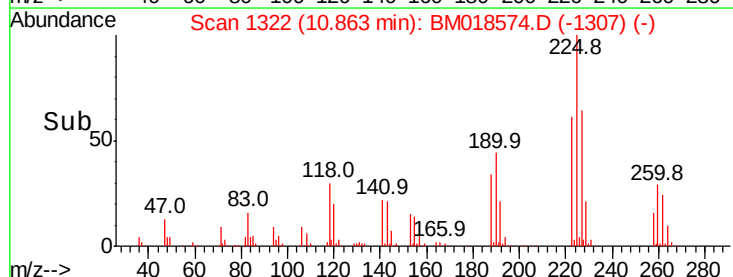
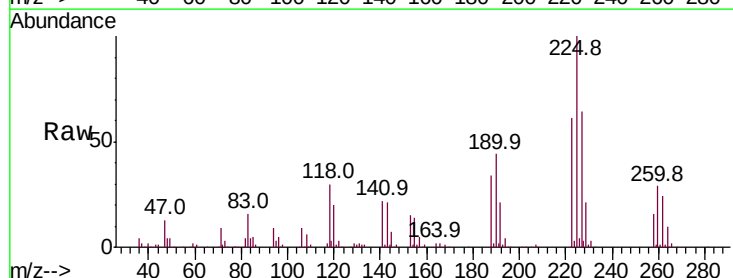
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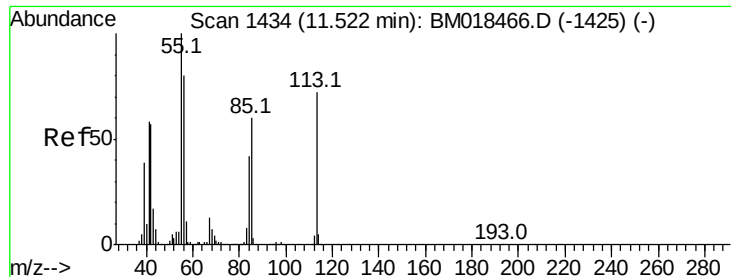
Sohil
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#34
Hexachlorobutadiene
Concen: 32.922 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	50.8	76.2	
227	63.5	50.4	75.6	





#35

Caprolactam

Concen: 38.498 ng/ml

RT: 11.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:113 Resp: 183376

Ion Ratio Lower Upper

113 100

55 147.0 139.3 179.3

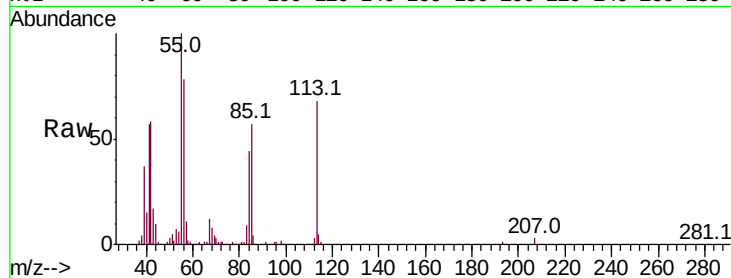
56 114.5 101.4 141.4

Manual Integrations

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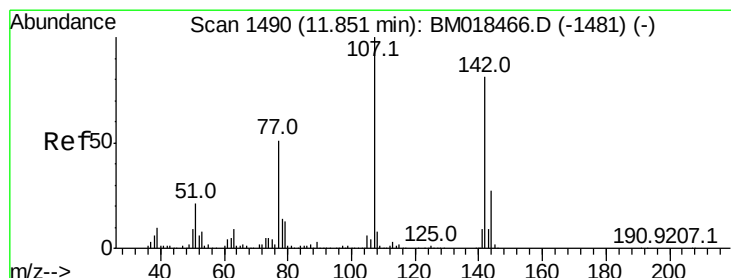
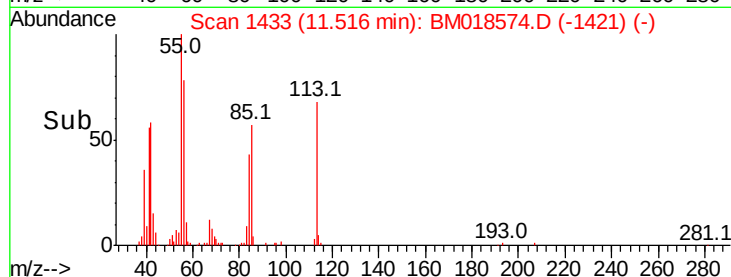
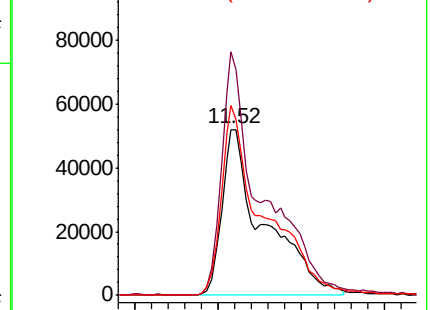
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.652 ng/ml

RT: 11.84 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

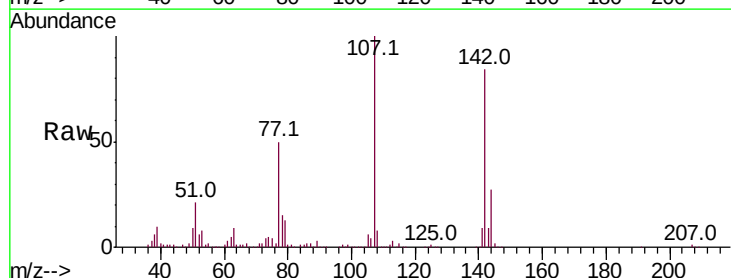
Tgt Ion:107 Resp: 612217

Ion Ratio Lower Upper

107 100

144 26.9 21.9 32.9

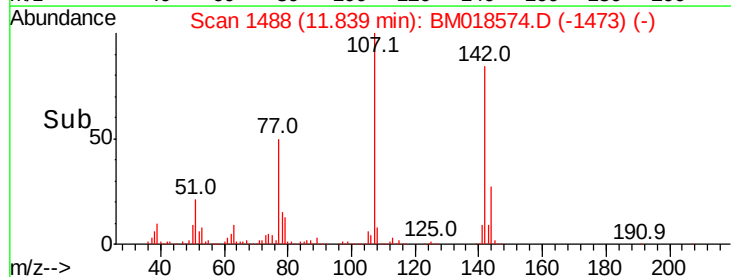
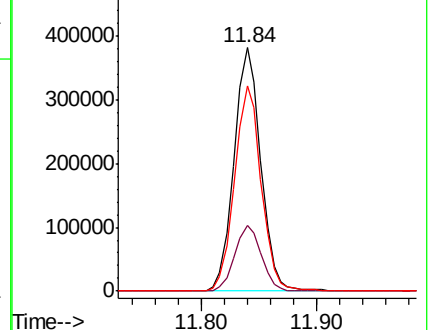
142 84.3 67.9 101.9

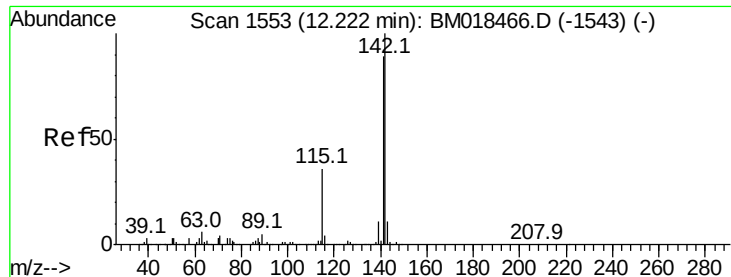


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





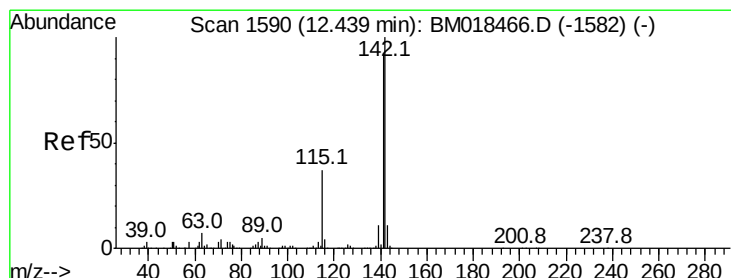
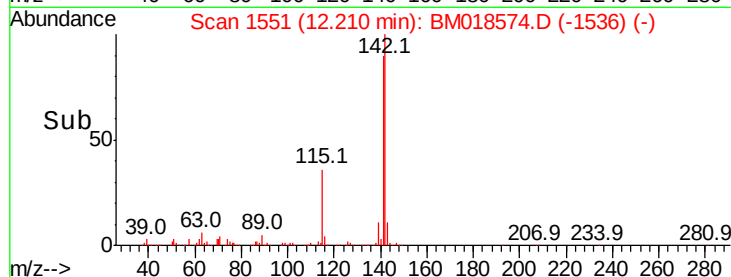
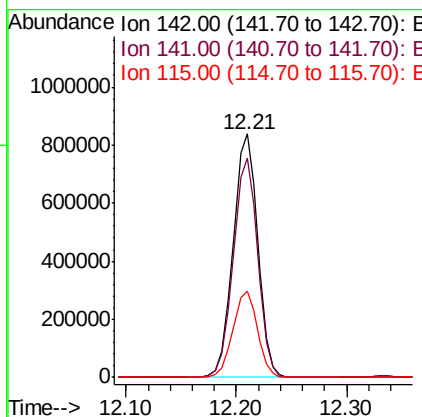
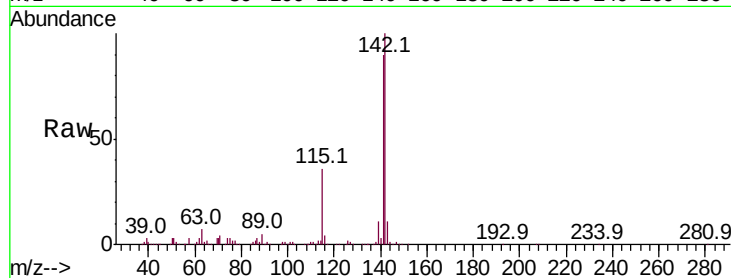
#37
2-Methylnaphthalene
Concen: 40.378 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	35.5	28.0	42.0

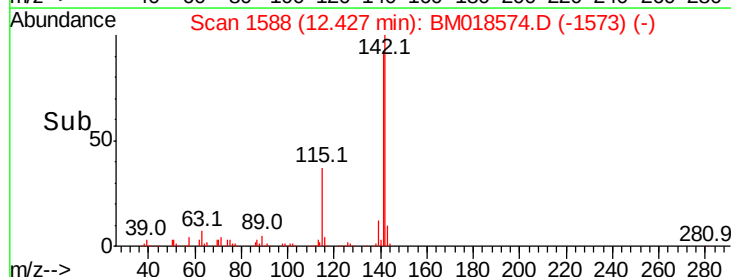
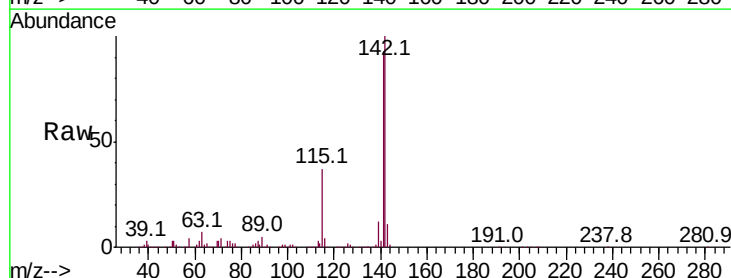
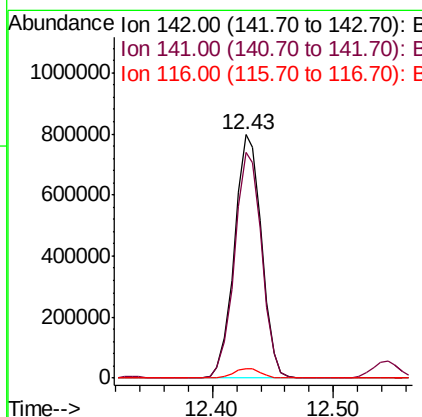
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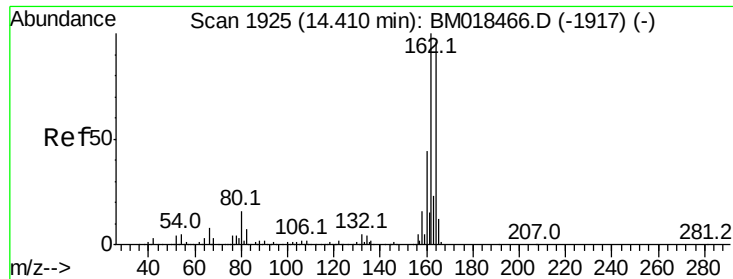
Sohil
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#38
1-Methylnaphthalene
Concen: 39.705 ng
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.6	113.4
116	3.9	3.0	4.6





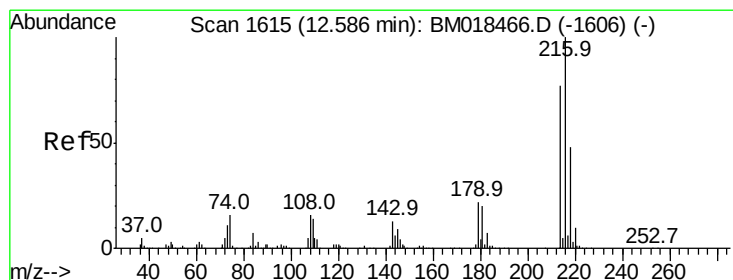
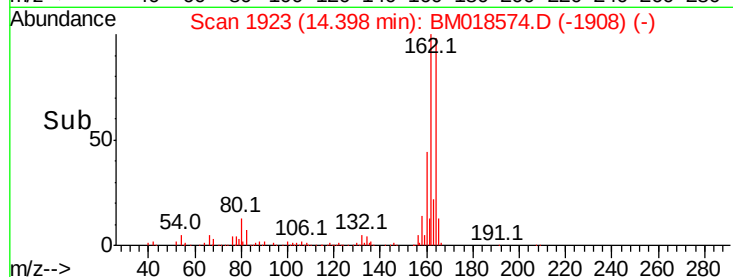
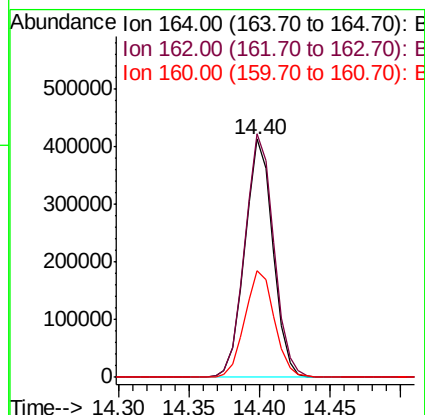
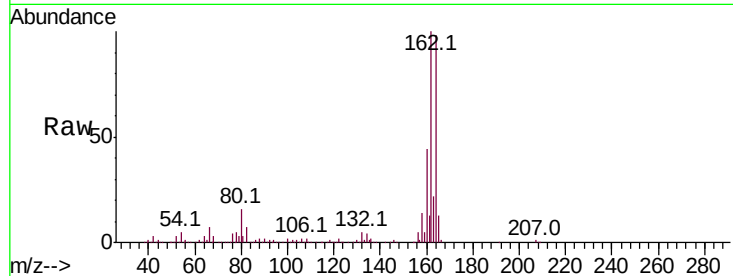
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.4
160	45.0	37.1	55.7

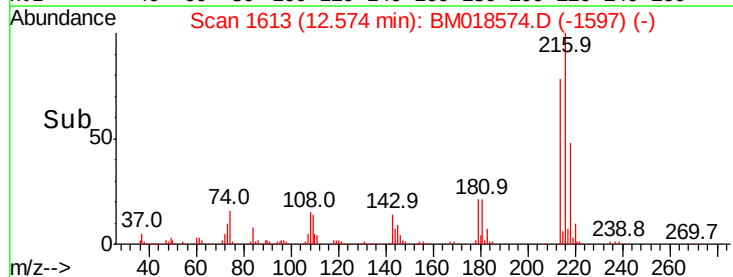
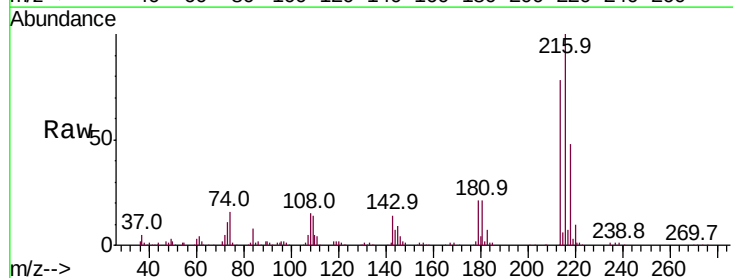
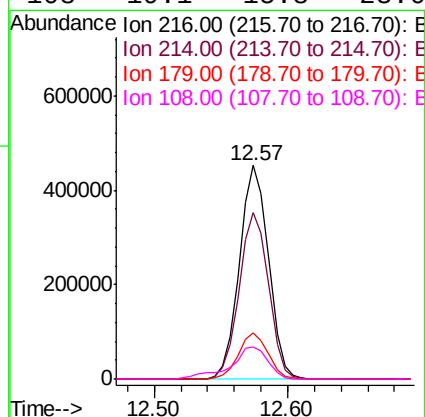
Manual Integrations
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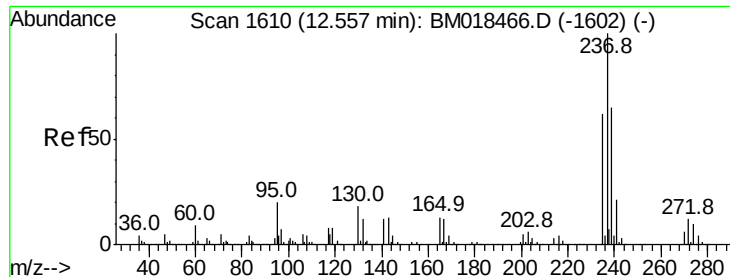
Sohil
1/16/2019 2:07:33 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.751 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.0
179	21.8	17.9	26.9
108	19.1	15.8	23.6





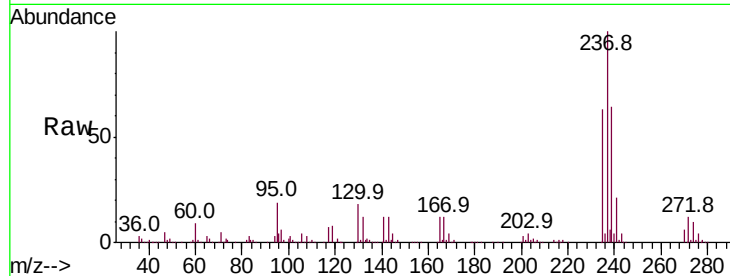
#41
Hexachlorocyclopentadiene
Concen: 65.147 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

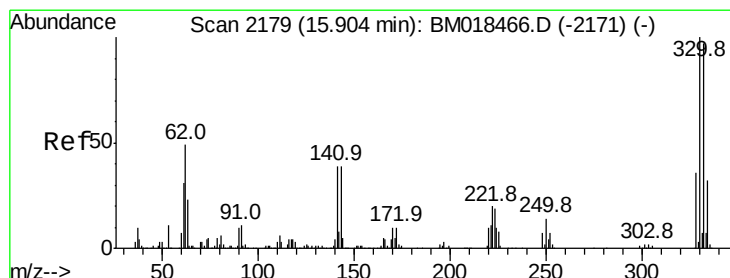
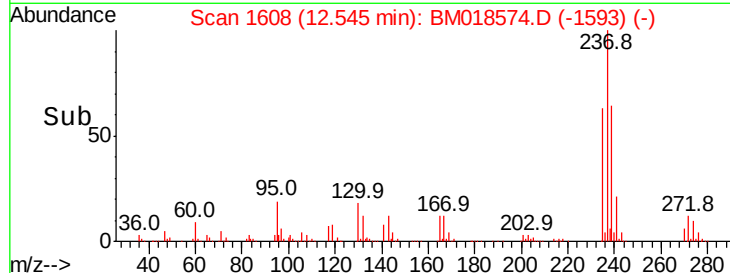
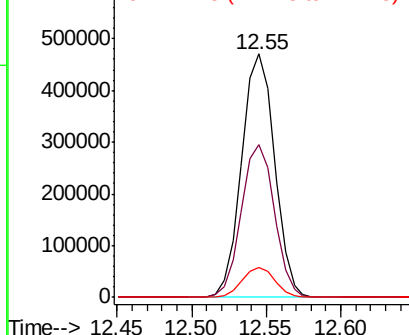
Tot Ion	Ratio	Resp	Lower	Upper
237	100	720443		
235	62.9	42.8	82.8	
272	12.3	0.0	31.9	

Manual Integrations
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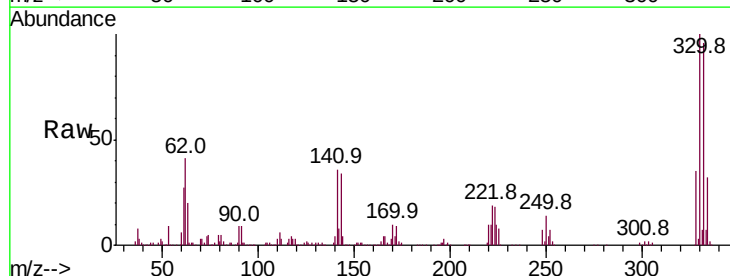


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

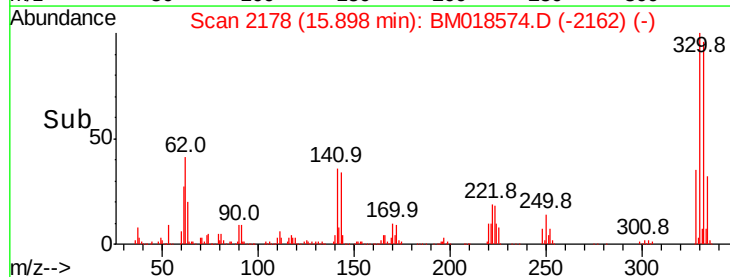
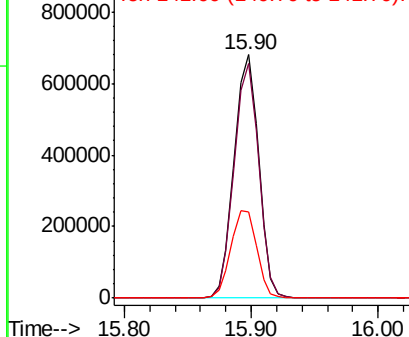


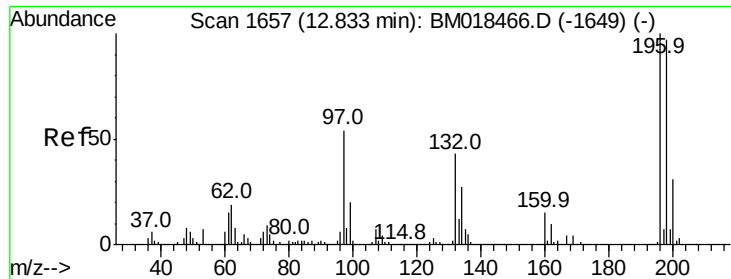
#42
2,4,6-Tribromophenol
Concen: 124.708 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	914943		
332	96.5	77.6	116.4	
141	38.0	31.7	47.5	



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





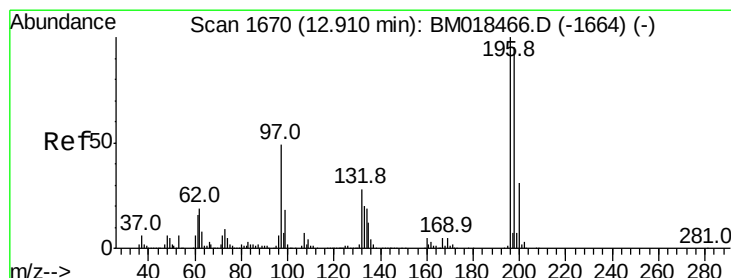
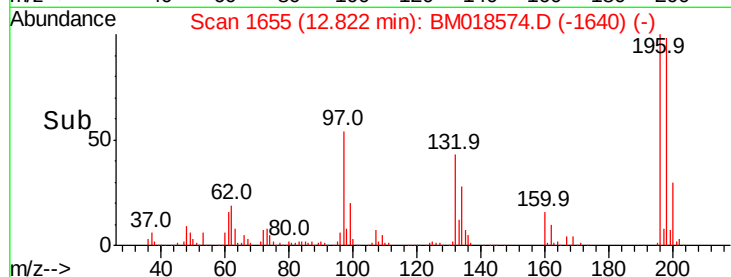
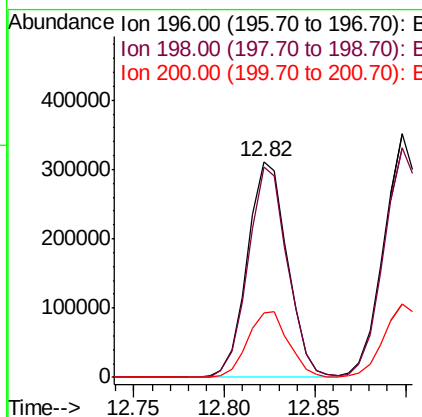
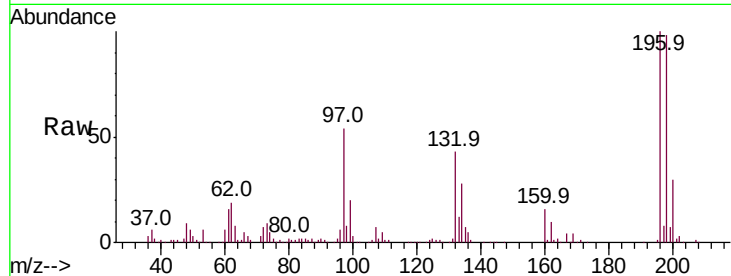
#43
 2,4,6-Trichlorophenol
 Concen: 39.120 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	478680		
198	97.6	76.6	115.0	
200	30.0	24.2	36.4	

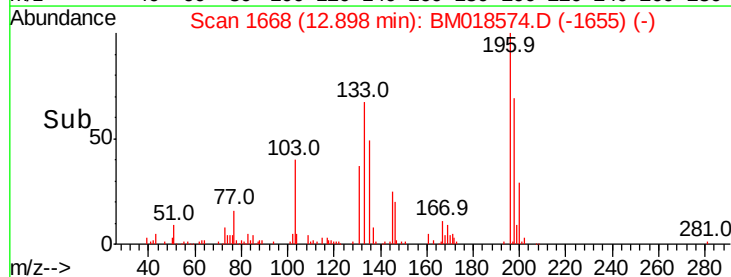
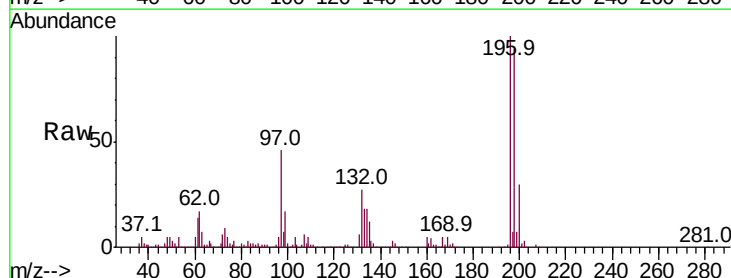
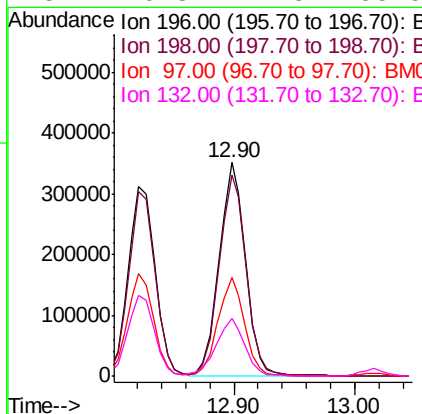
Manual Integrations
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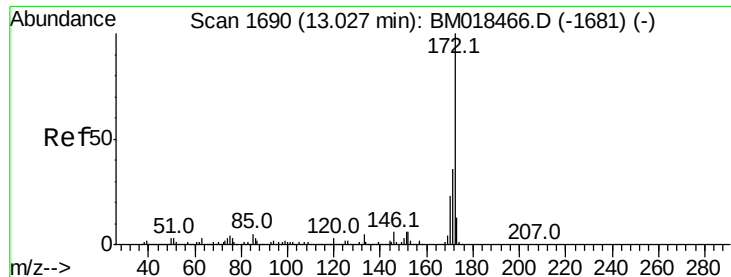
Sohil
 1/16/2019 2:07:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.662 ng
 RT: 12.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	523270		
198	94.4	76.7	115.1	
97	45.9	39.2	58.8	
132	26.8	22.3	33.5	





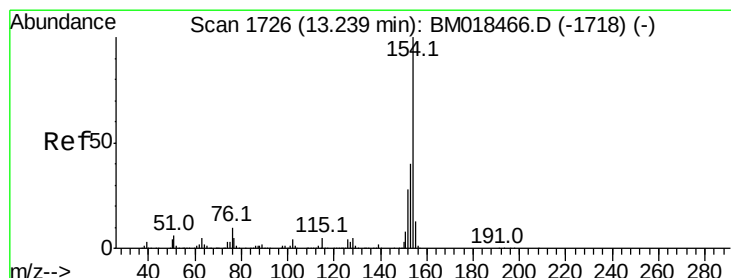
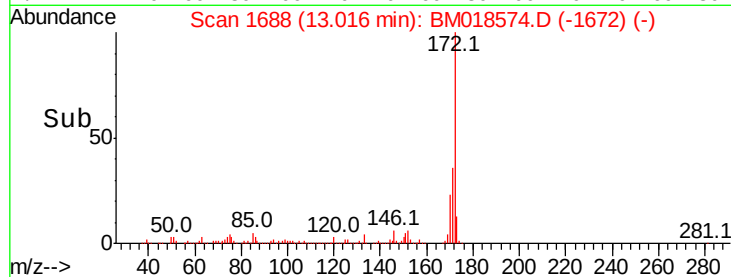
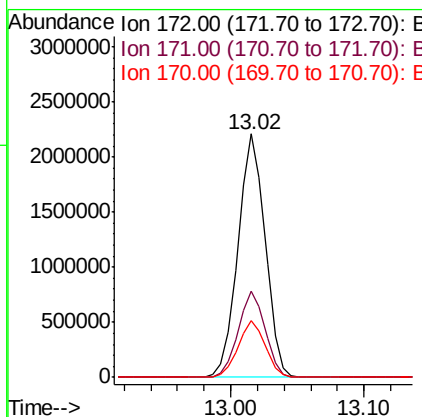
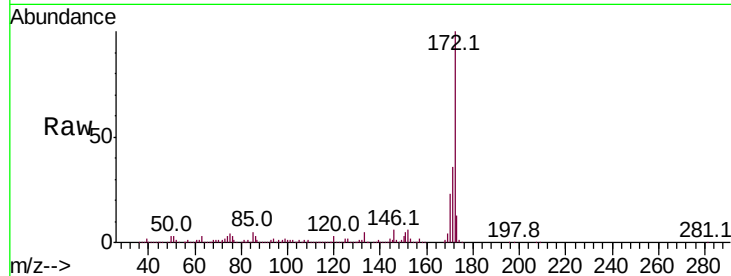
#45
2-Fluorobiphenyl
Concen: 70.415 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.2	18.9	28.3

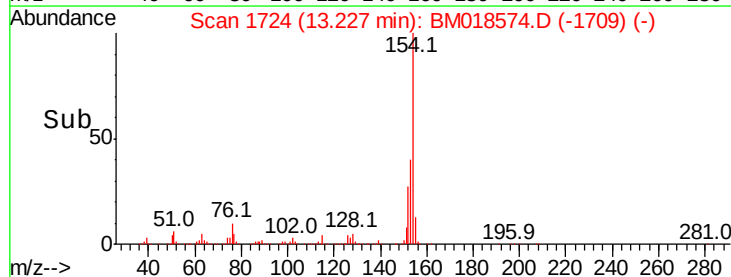
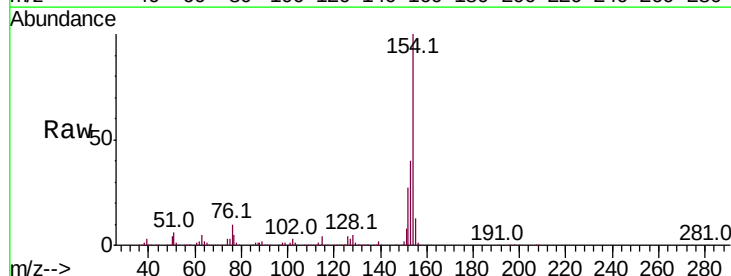
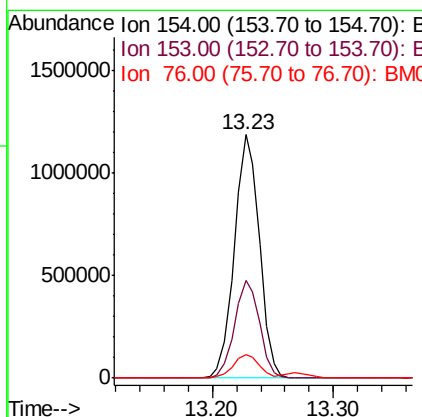
Manual Integrations
APPROVED

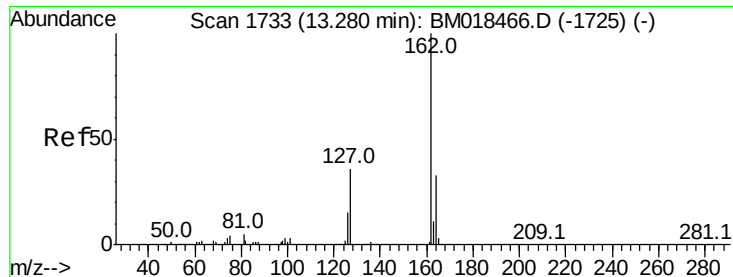
Sohil
1/16/2019 2:07:33 PM



#46
1,1'-Biphenyl
Concen: 33.935 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	9.8	0.0	31.9





#47

2-Chloronaphthalene

Concen: 33.850 ng

RT: 13.27 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

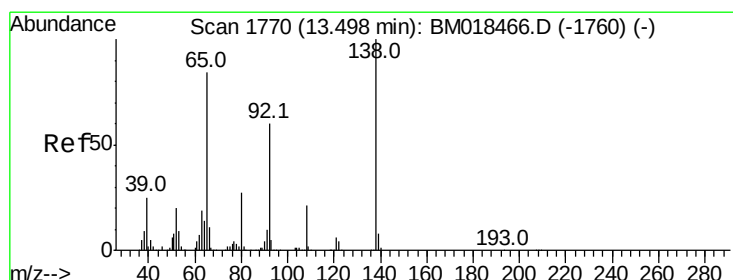
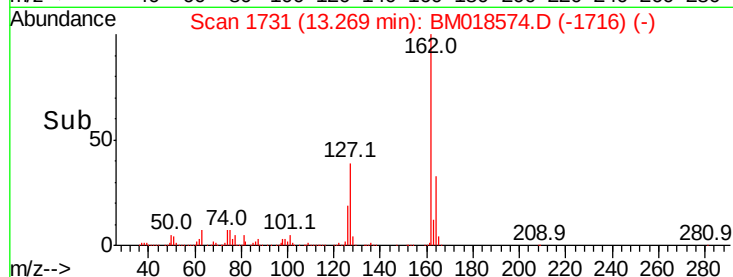
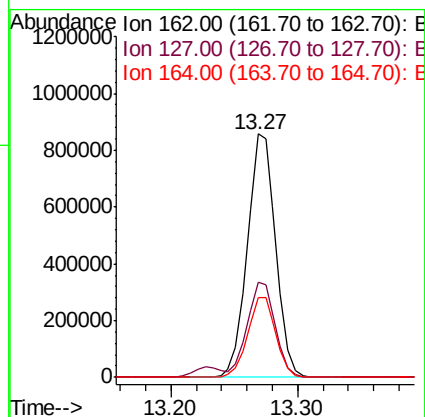
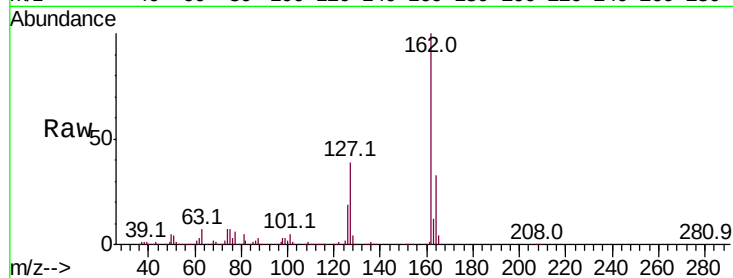
ClientSampleId :

QD-01-011019MSD

Tot Ion:	162	Resp:	1320640
Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.4	47.0
164	32.8	26.2	39.4

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#48

2-Nitroaniline

Concen: 38.802 ng

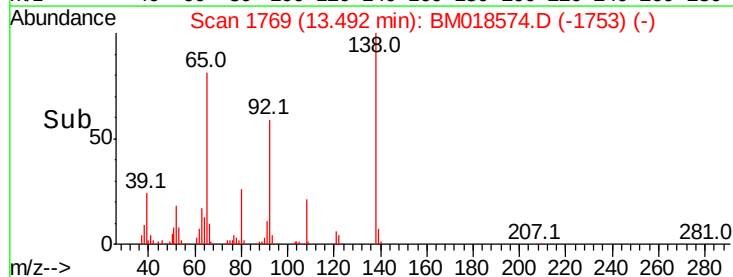
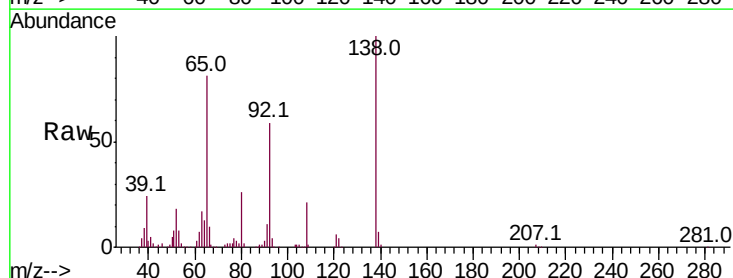
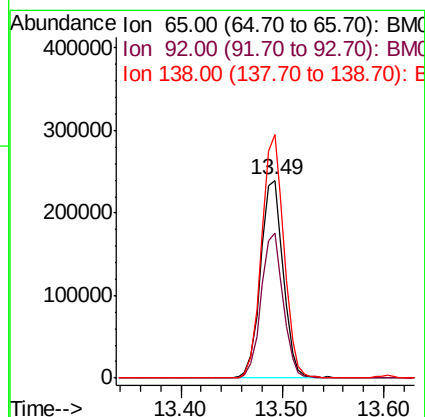
RT: 13.49 min Scan# 1769

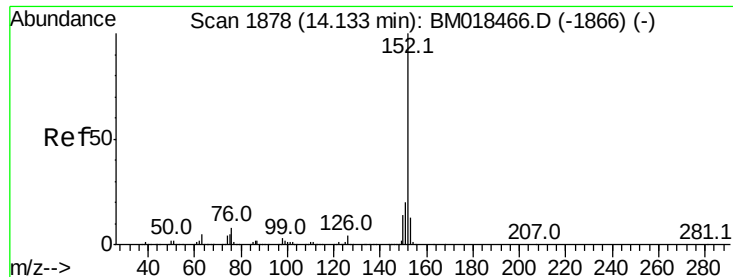
Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion:	65	Resp:	372435
Ion	Ratio	Lower	Upper
65	100		
92	73.2	53.4	80.2
138	123.2	88.9	133.3





#49

Acenaphthylene

Concen: 38.512 ng

RT: 14.12 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

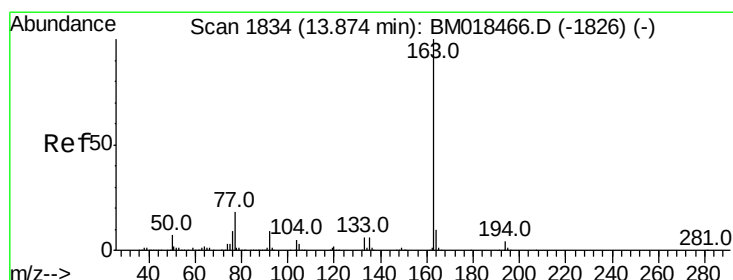
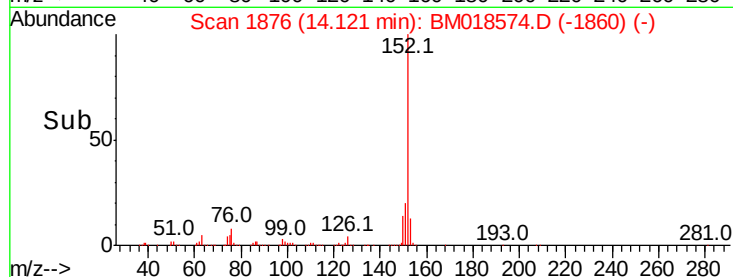
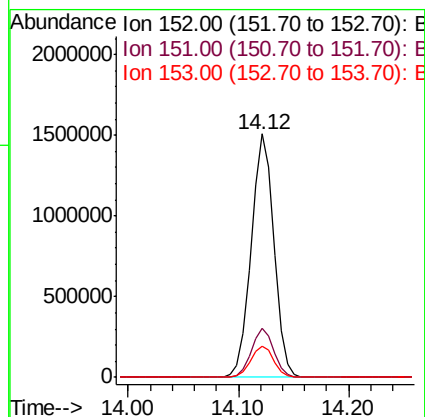
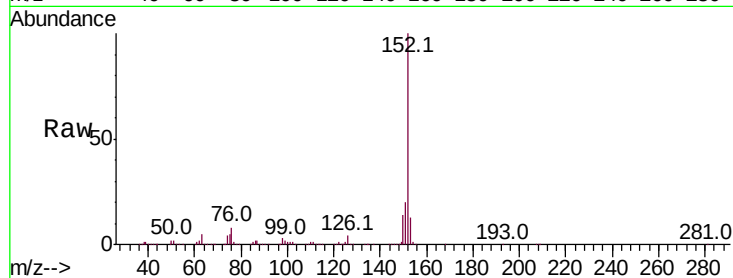
ClientSampleId :

QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 55.873 ng

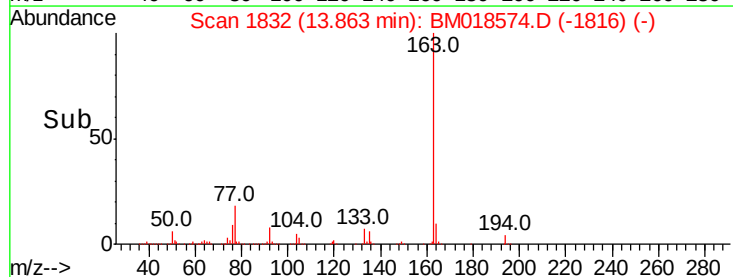
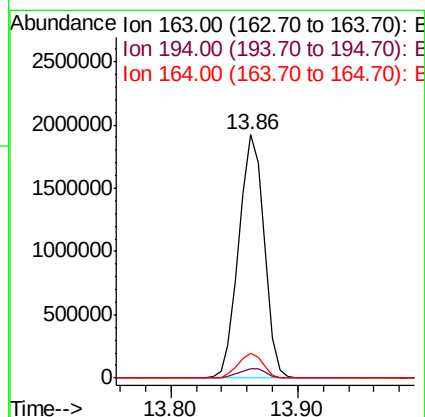
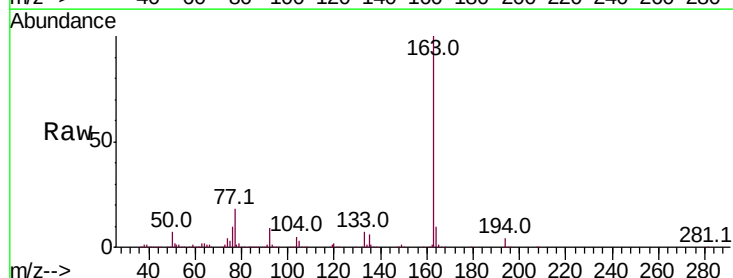
RT: 13.86 min Scan# 1832

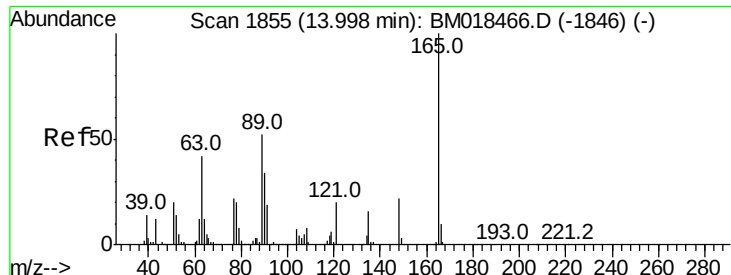
Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.4	7.8	11.8





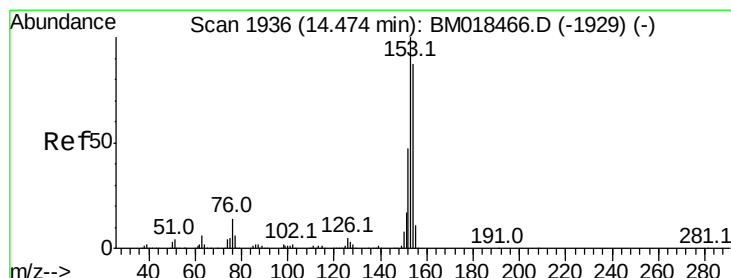
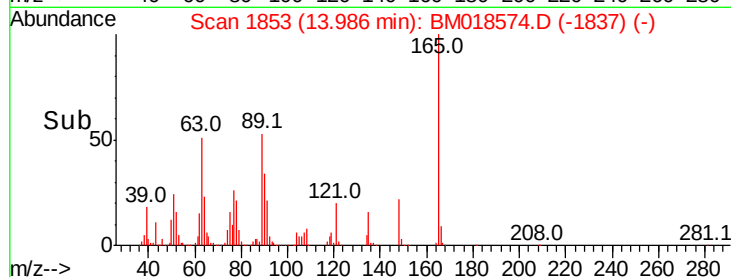
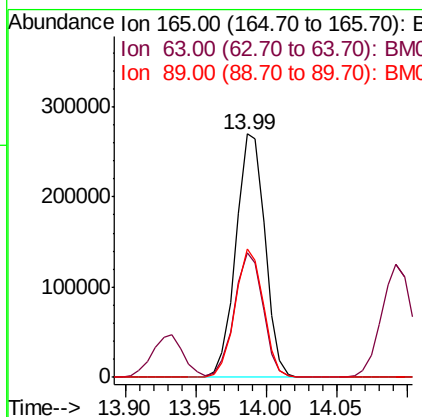
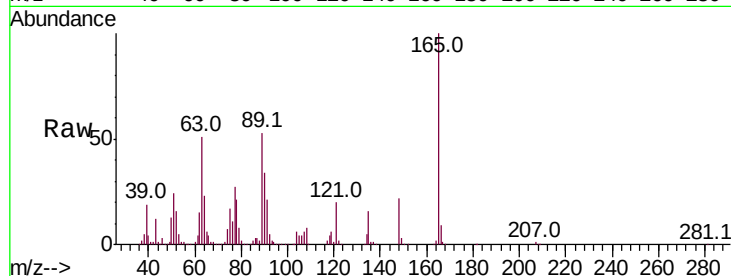
#51
2,6-Dinitrotoluene
Concen: 38.668 ng
RT: 13.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	45.6	68.4
89	53.0	44.6	66.8

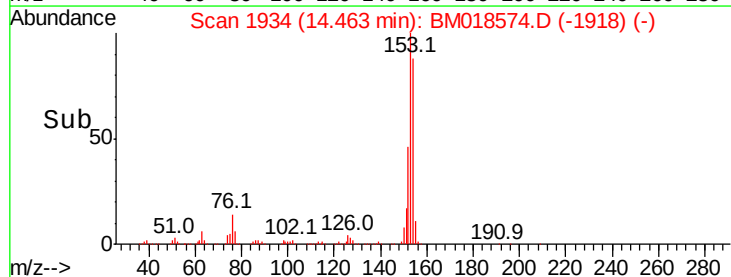
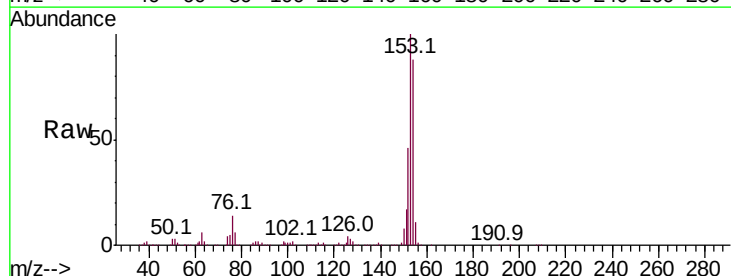
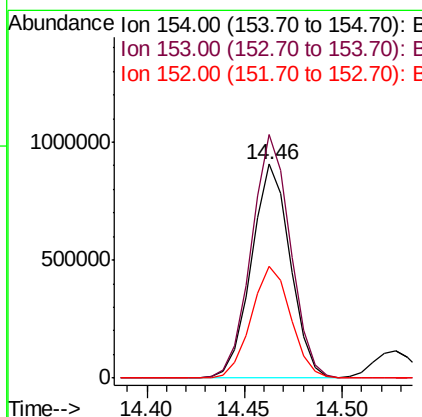
Manual Integrations
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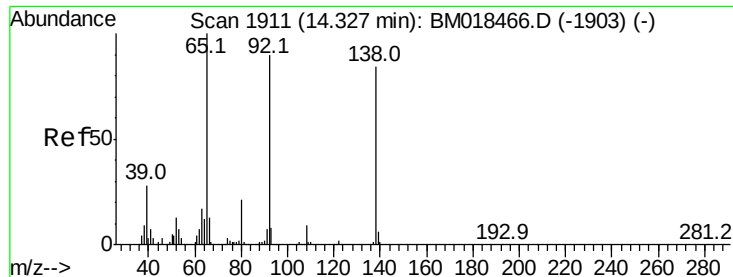
Sohil
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#52
Acenaphthene
Concen: 35.986 ng
RT: 14.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.3	138.5
152	52.6	43.8	65.6





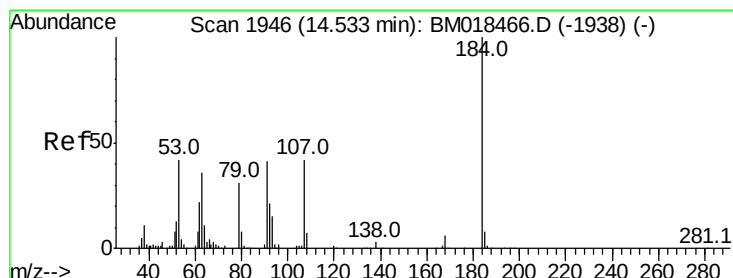
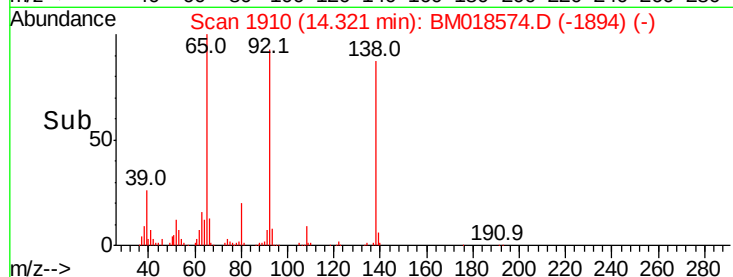
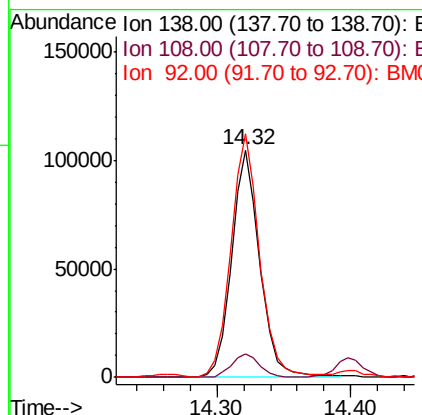
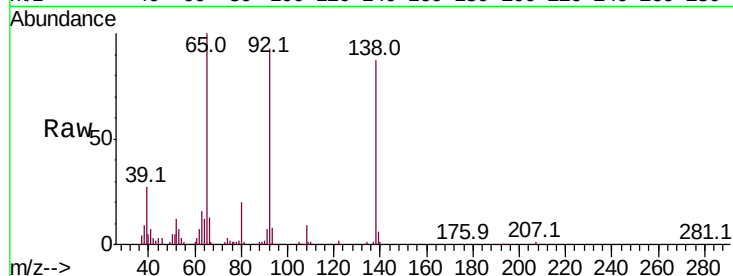
#53
 3-Nitroaniline
 Concen: 15.184 ng
 RT: 14.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.1	13.7
92	107.2	88.2	132.2

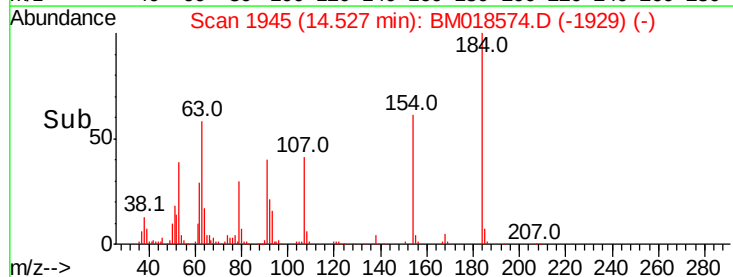
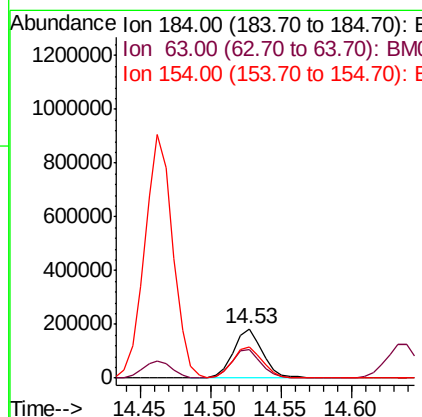
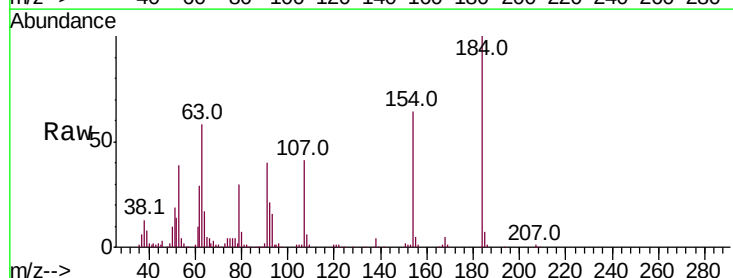
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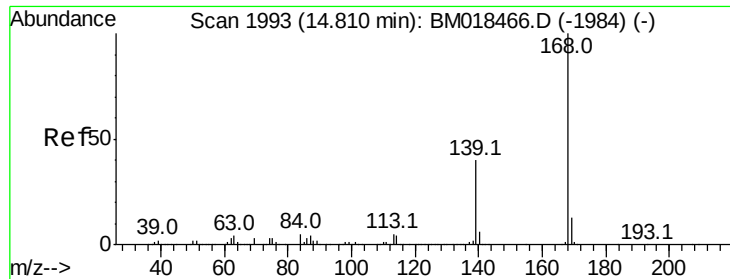
Sohil
 1/16/2019 2:07:33 PM



#54
 2,4-Dinitrophenol
 Concen: 51.790 ng
 RT: 14.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	55.9	83.9
154	63.9	54.2	81.4





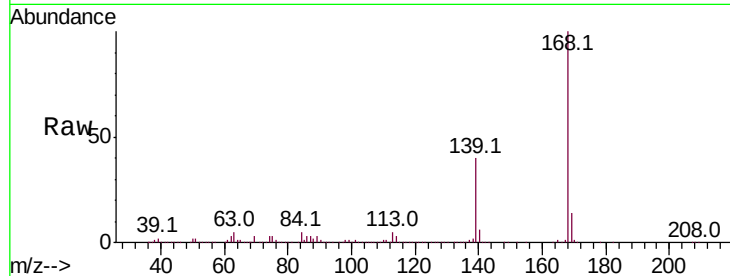
#55
Dibenzofuran
Concen: 35.692 ng
RT: 14.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.3	45.5
169	13.5	10.6	16.0

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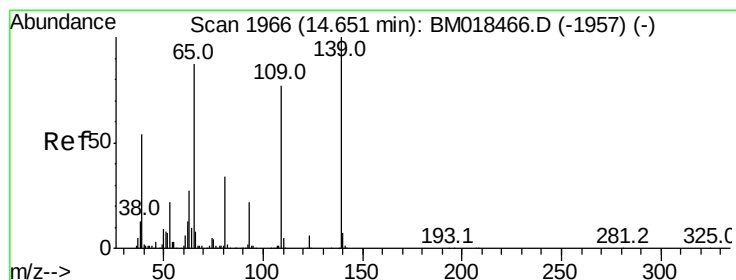
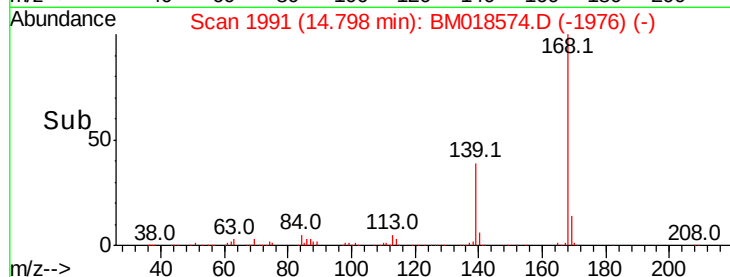
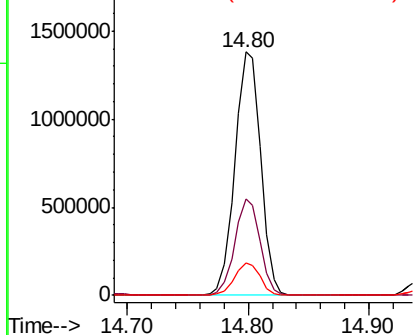


Abundance

Ion 168.00 (167.70 to 168.70): E

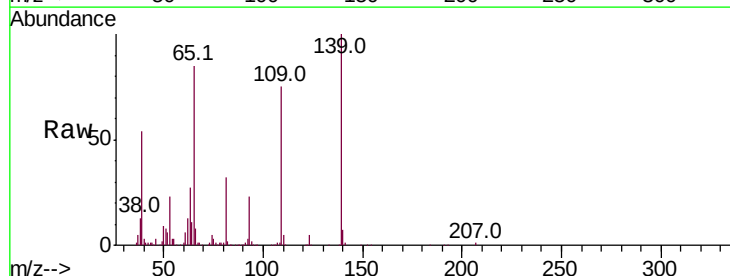
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.436 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.5	51.7	91.7
65	85.4	71.4	111.4

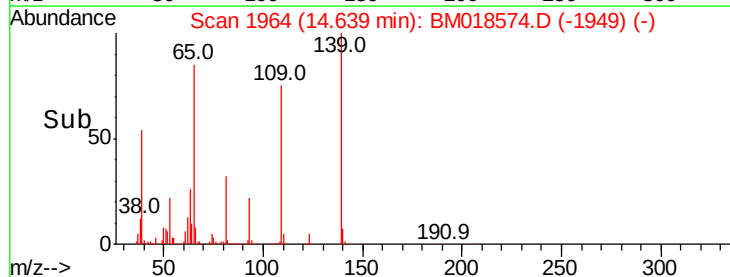
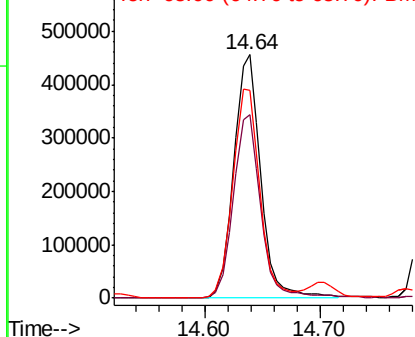


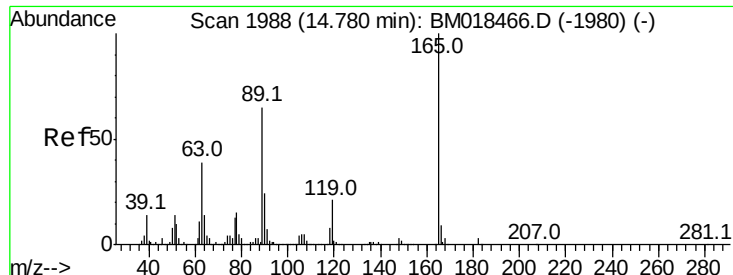
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





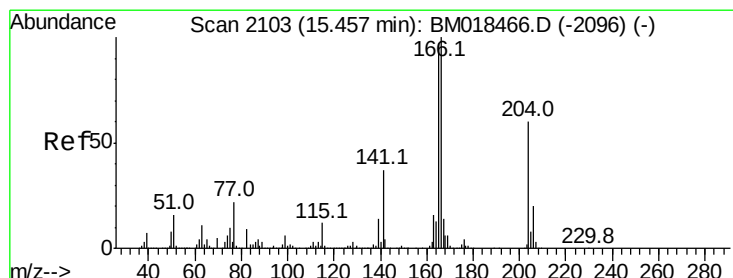
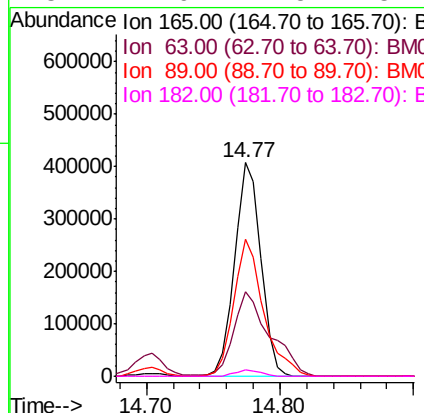
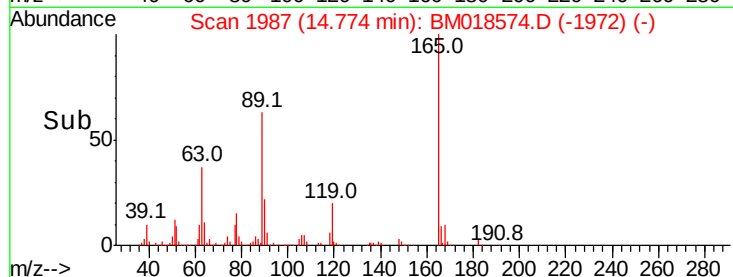
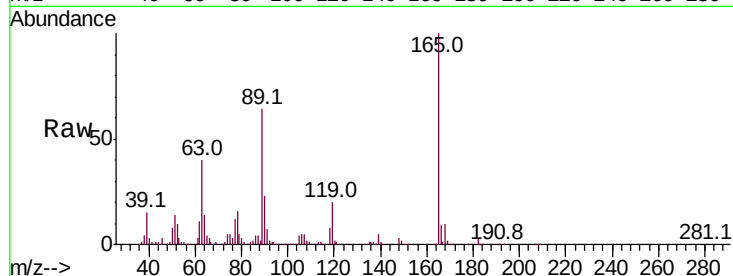
#57
2,4-Dinitrotoluene
Concen: 39.430 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		559221		
63	39.7	32.2	48.2		
89	63.9	52.1	78.1		
182	2.9	2.5	3.7		

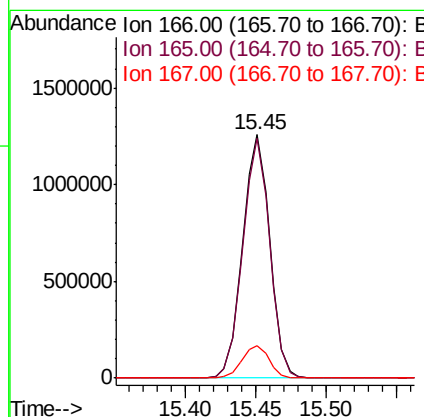
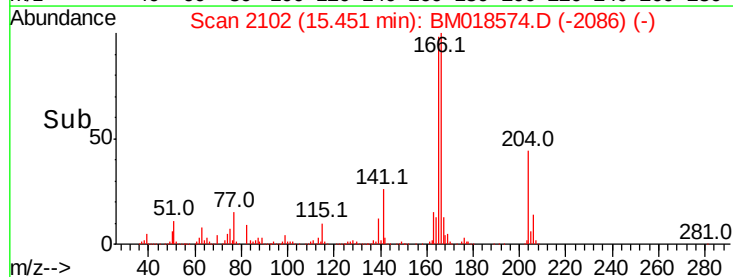
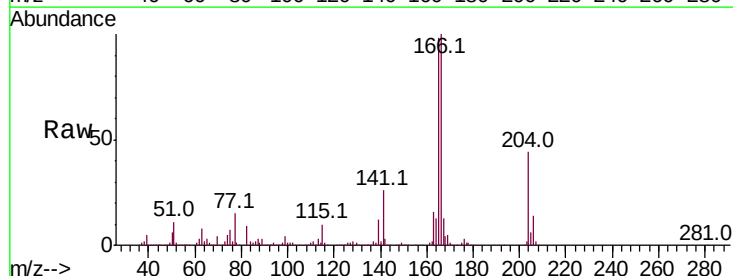
Manual Integrations
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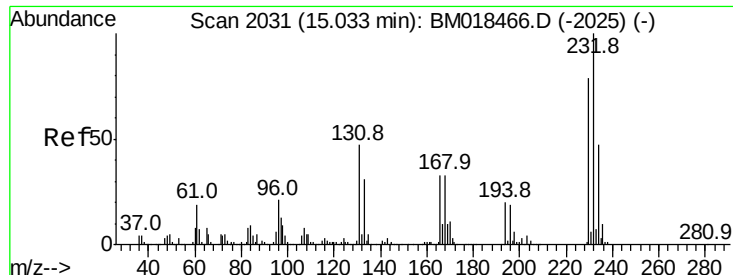
Sohil
1/16/2019 2:07:33 PM



#58
Fluorene
Concen: 39.430 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1688307		
165	98.4	78.3	117.5		
167	13.2	10.9	16.3		





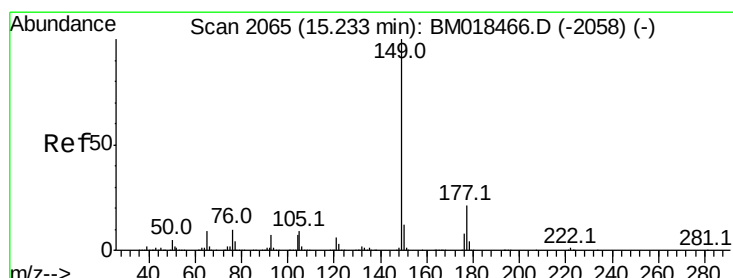
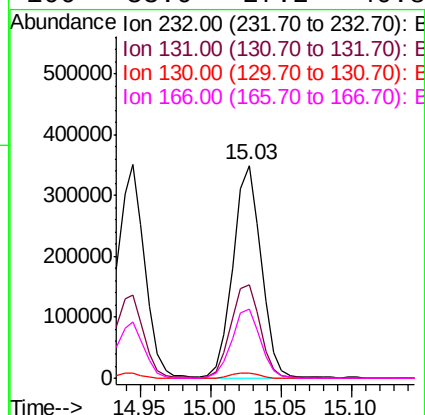
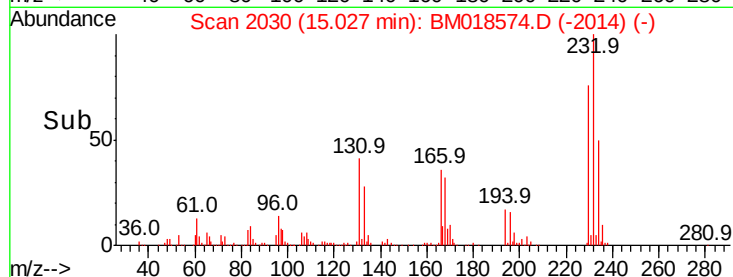
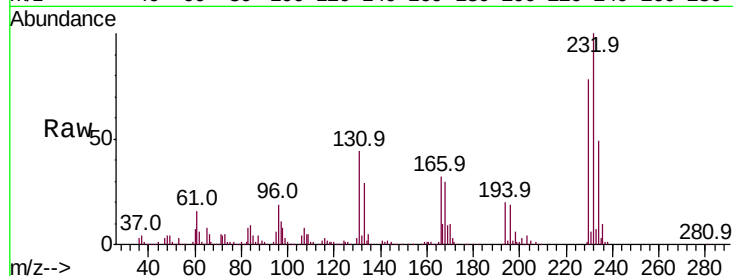
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.430 ng
RT: 15.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	38.6	57.8
130	2.6	2.2	3.4
166	33.0	27.2	40.8

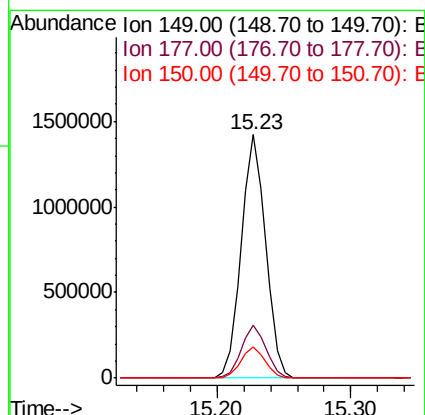
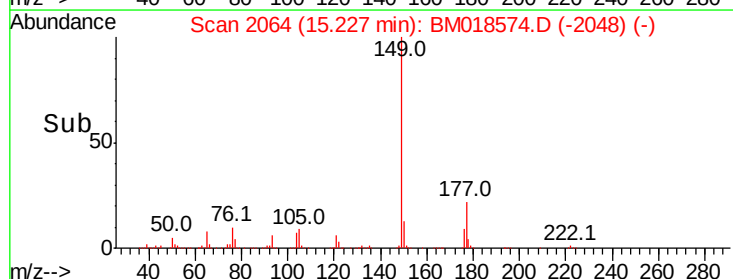
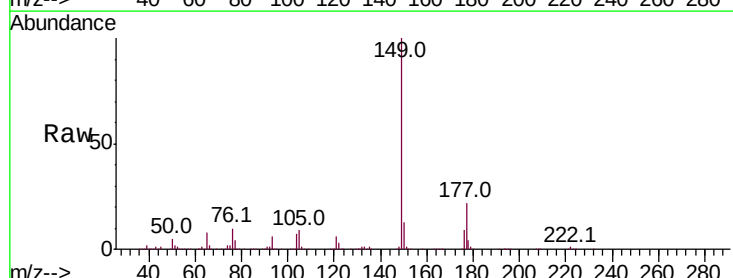
Manual Integrations
APPROVED

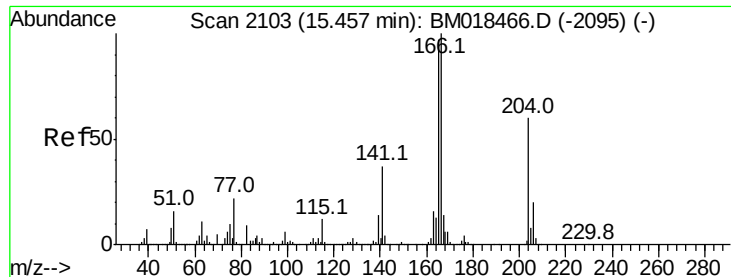
Sohil
1/16/2019 2:07:33 PM



#60
Diethylphthalate
Concen: 37.536 ng
RT: 15.23 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.8	9.8	14.6





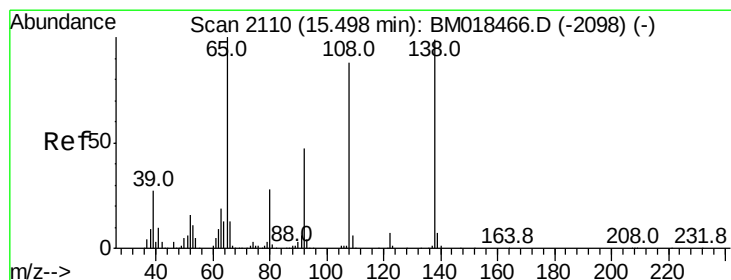
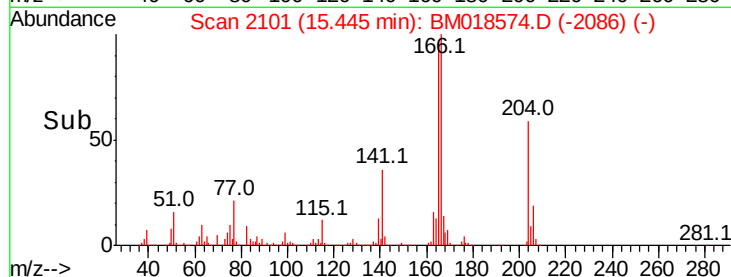
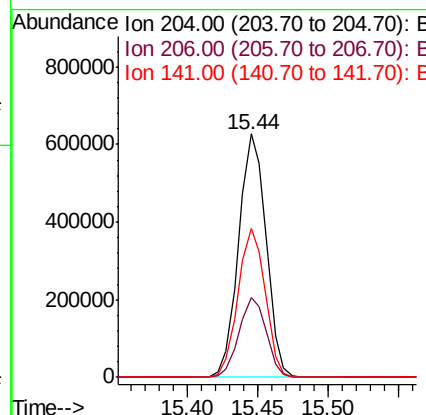
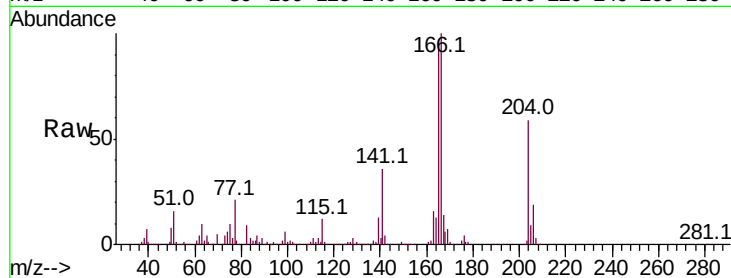
#61
4-Chlorophenyl-phenylether
Concen: 34.427 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.6
141	61.0	49.5	74.3

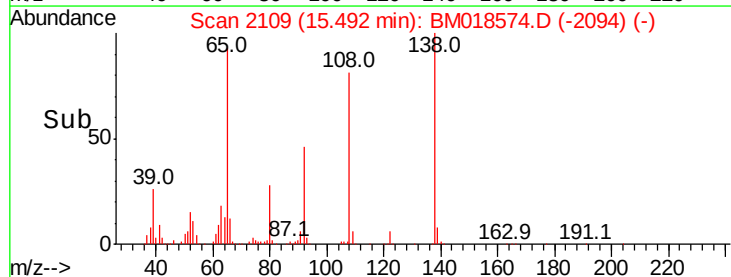
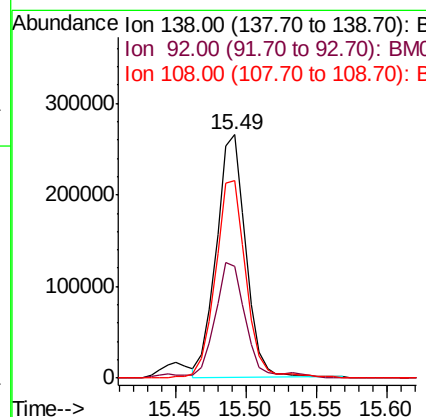
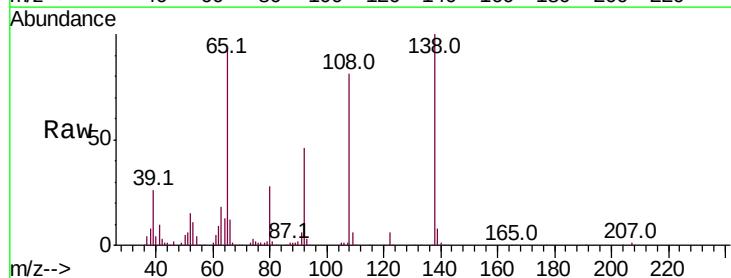
Manual Integrations
APPROVED

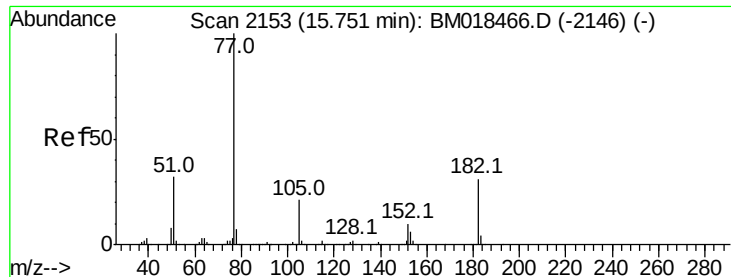
Sohil
1/16/2019 2:07:33 PM



#62
4-Nitroaniline
Concen: 34.669 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	29.0	69.0
108	81.2	63.9	103.9





#63

Azobenzene

Concen: 36.135 ng

RT: 15.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion: 77 Resp: 1407437

Ion Ratio Lower Upper

77 100

182 29.6 7.4 47.4

105 21.5 0.0 39.6

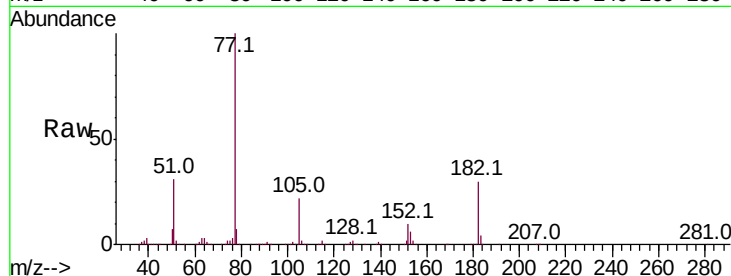
51 31.5 12.0 52.0

Manual Integrations

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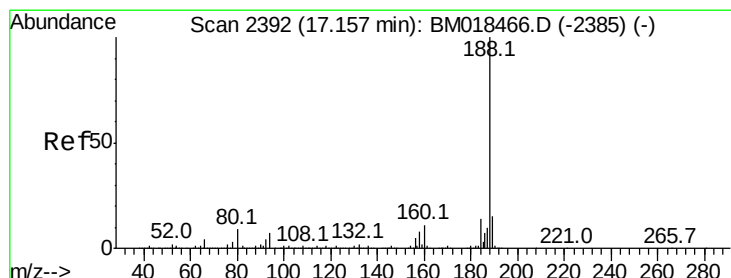
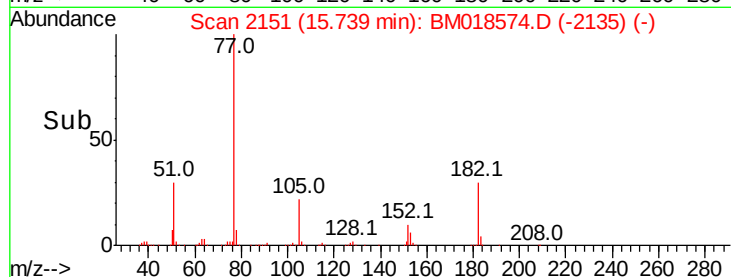
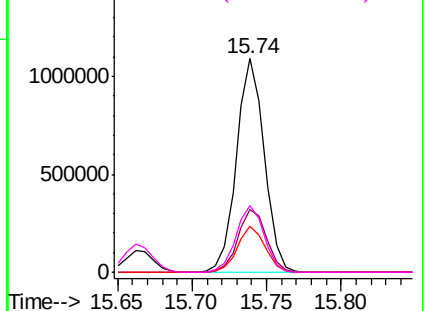


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion: 188 Resp: 1366094

Ion Ratio Lower Upper

188 100

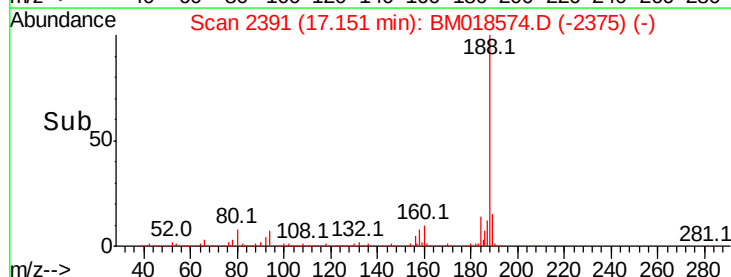
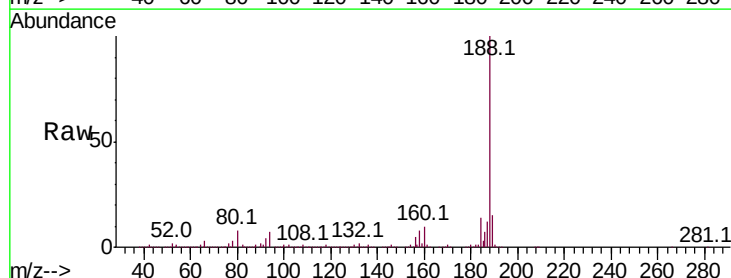
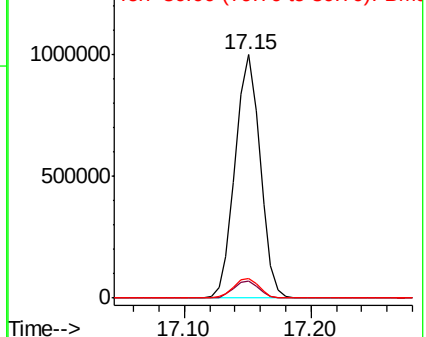
94 7.2 7.1 10.7

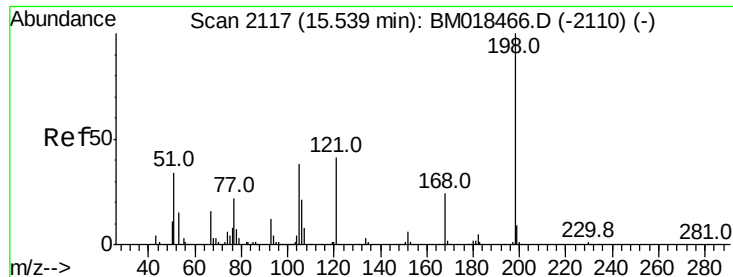
80 8.1 7.6 11.4

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





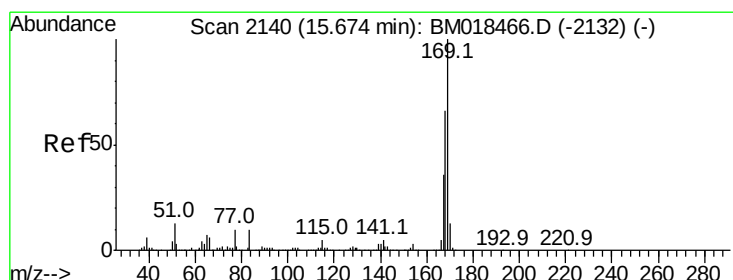
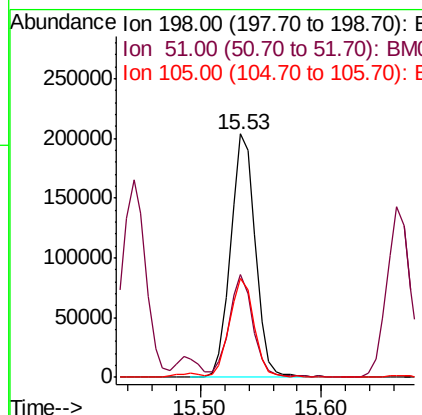
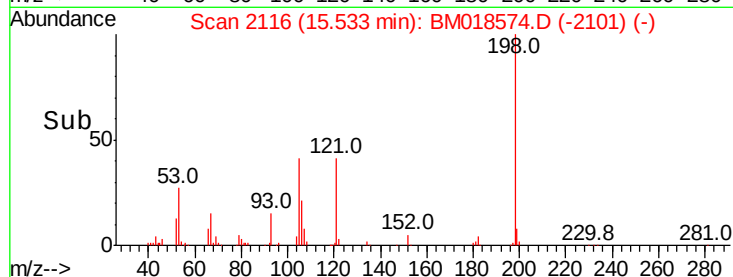
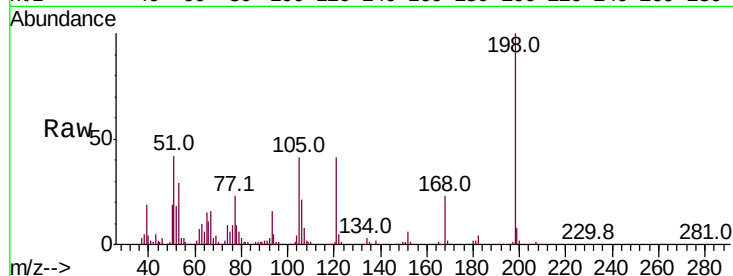
#65
4,6-Dinitro-2-methylphenol
Concen: 34.921 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	289659		
51	42.3	29.6	69.6	
105	40.8	25.5	65.5	

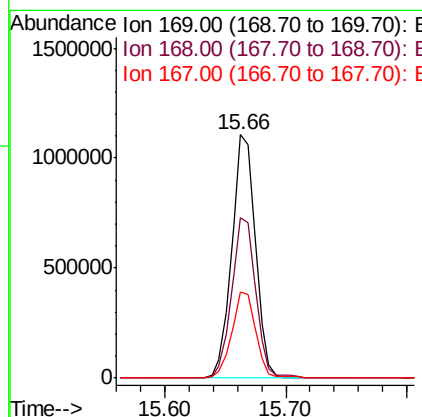
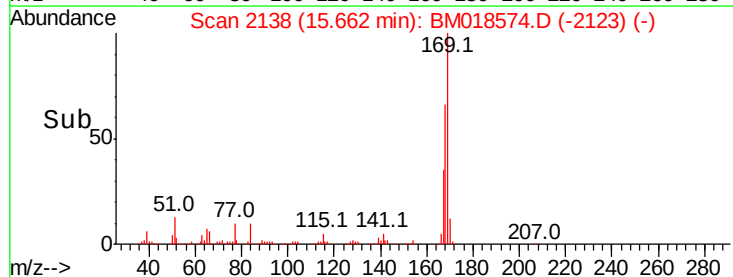
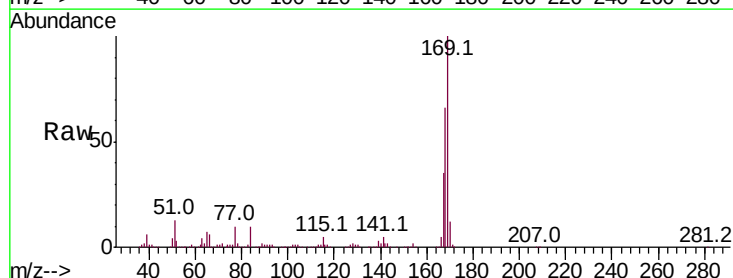
Manual Integrations
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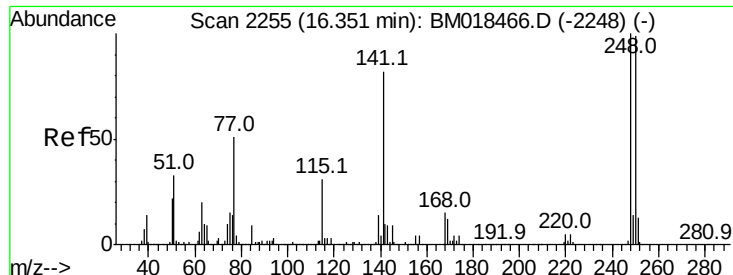
Sohil
1/16/2019 2:07:33 PM



#66
n-Nitrosodiphenylamine
Concen: 35.602 ng
RT: 15.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1508673		
168	65.8	54.1	81.1	
167	35.2	28.6	42.8	





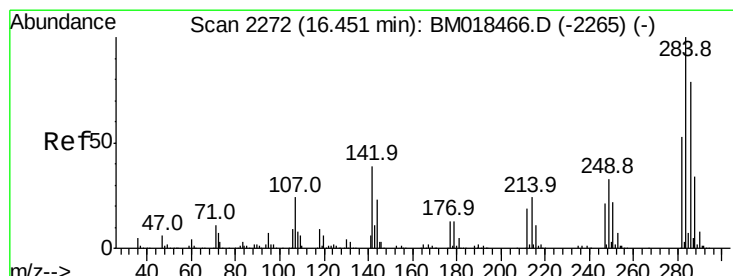
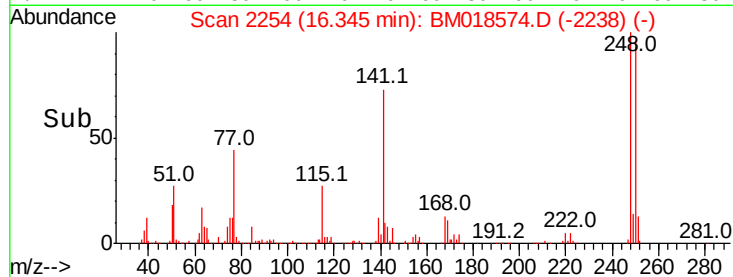
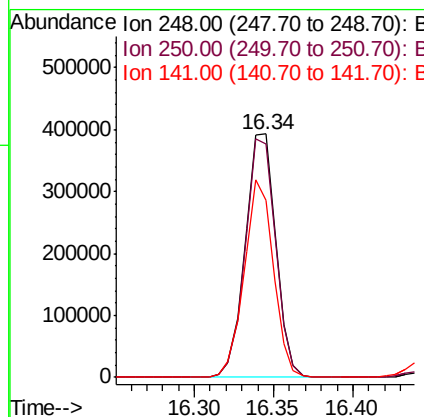
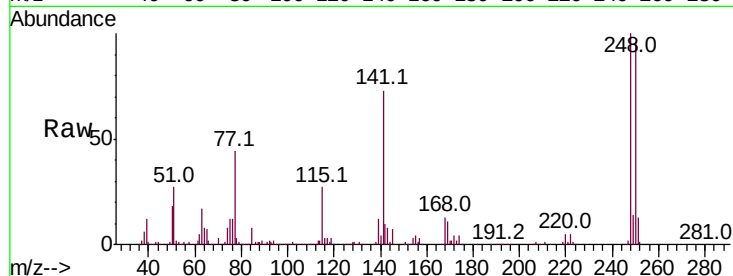
#67
 4-Bromophenyl-phenylether
 Concen: 34.515 ng
 RT: 16.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Instrument :
 BNA_M
 ClientSampleID :
 QD-01-011019MSD

Tot Ion:	248	Resp:	527649
Ion Ratio	Lower	Upper	
248	100		
250	95.7	76.0	114.0
141	72.6	61.5	92.3

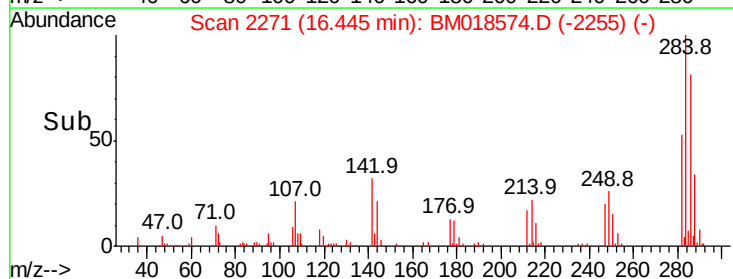
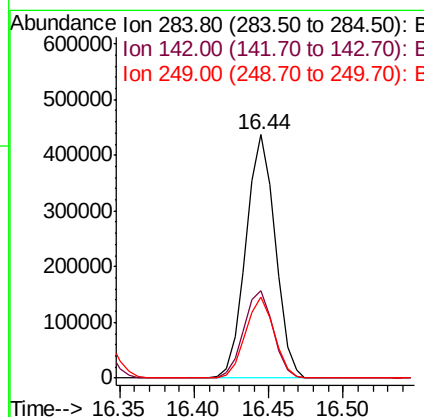
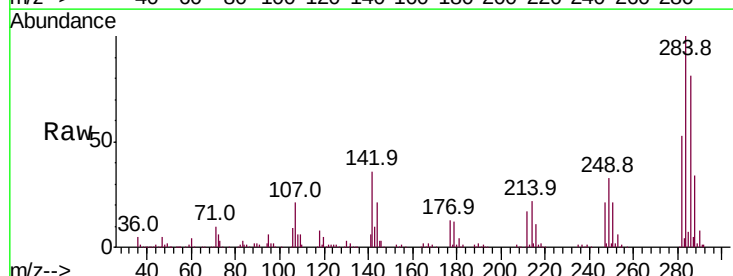
Manual Integrations
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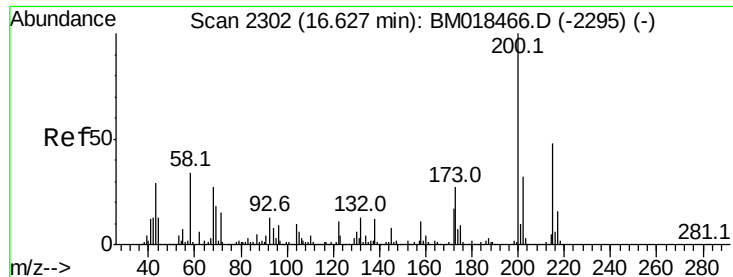
Sohil
 1/16/2019 2:07:33 PM



#68
 Hexachlorobenzene
 Concen: 34.554 ng
 RT: 16.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Tgt Ion:	284	Resp:	591362
Ion Ratio	Lower	Upper	
284	100		
142	36.1	29.2	43.8
249	33.2	26.1	39.1





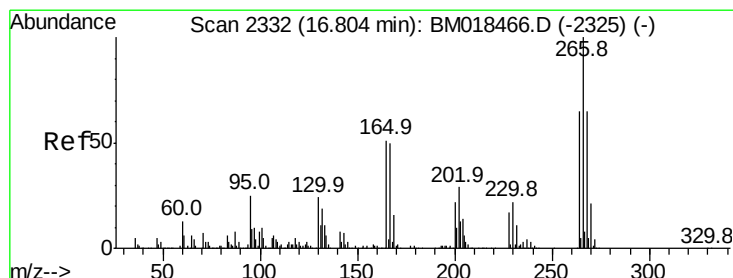
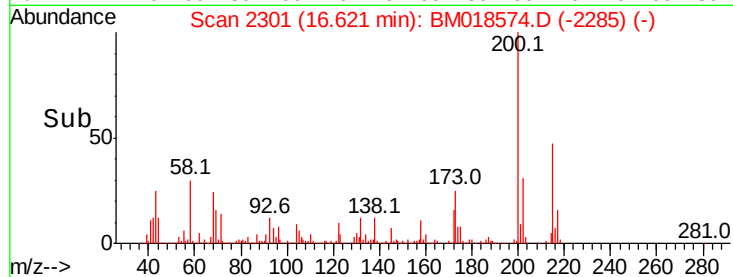
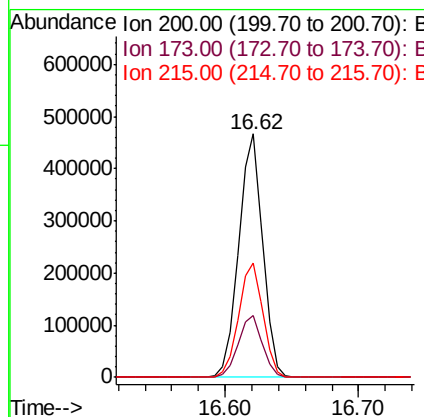
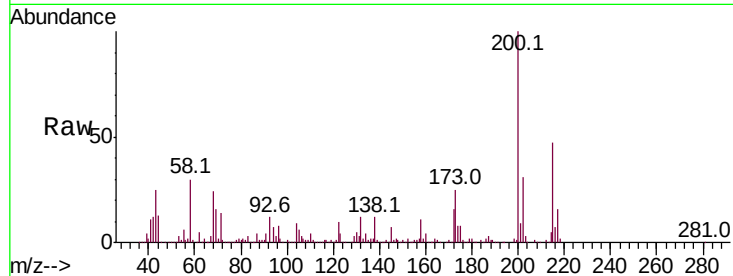
#69
Atrazine
Concen: 38.012 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.2	47.2
215	47.1	28.3	68.3

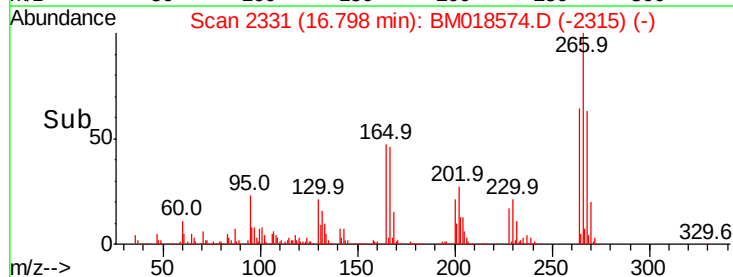
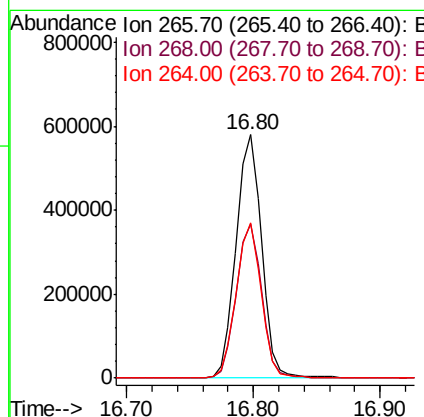
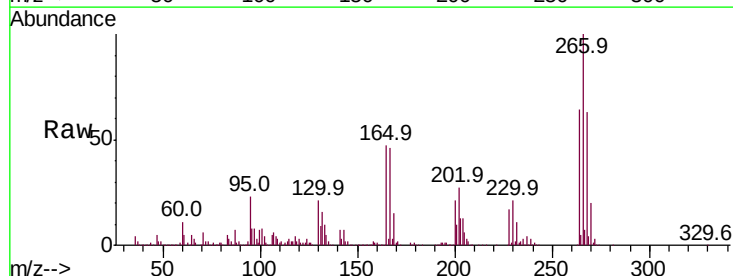
Manual Integrations
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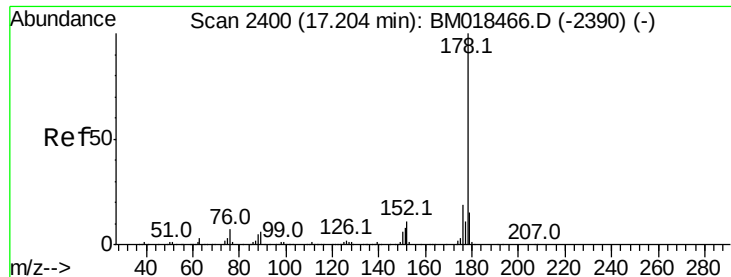
Sohil
1/16/2019 2:07:33 PM



#70
Pentachlorophenol
Concen: 71.795 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	64.0	50.1	75.1





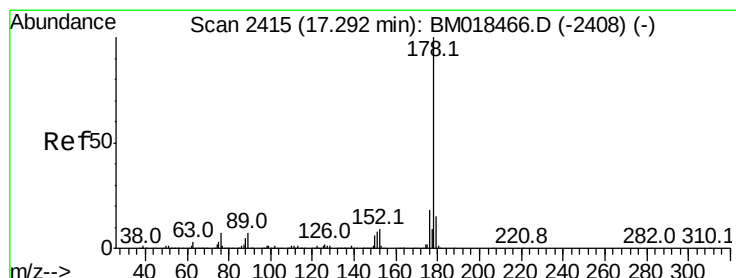
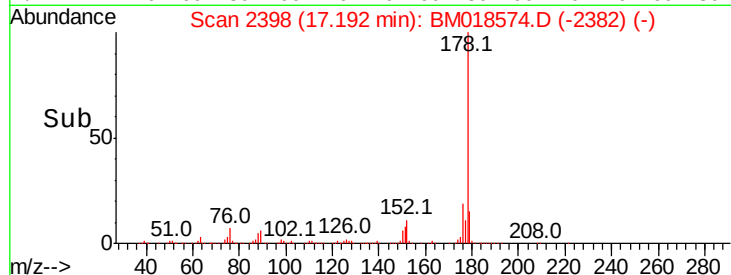
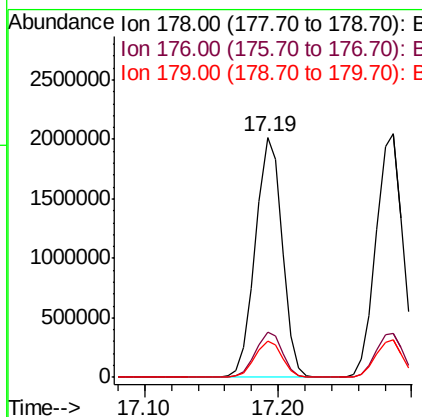
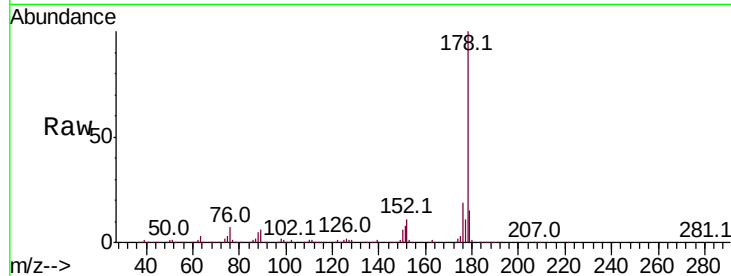
#71
Phenanthrene
Concen: 38.274 ng
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion:178 Resp: 2781095
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.4

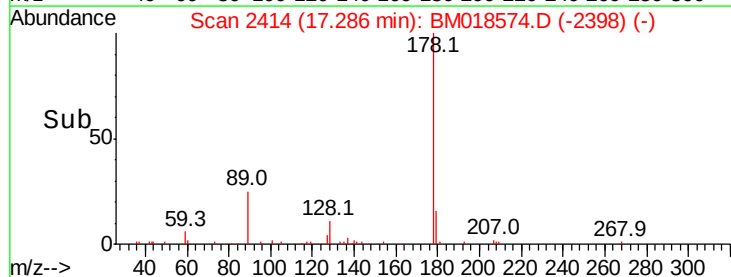
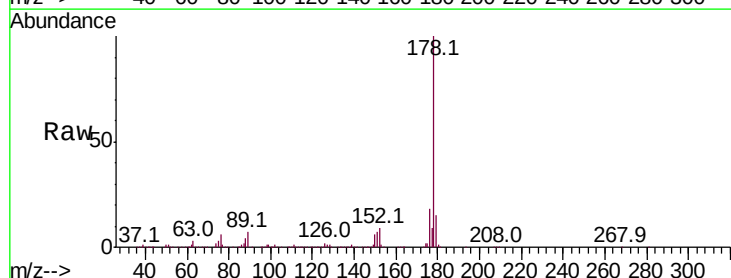
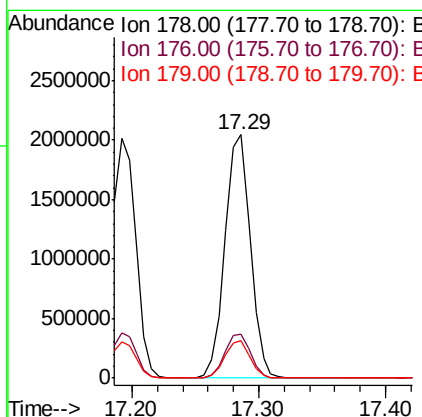
Manual Integrations
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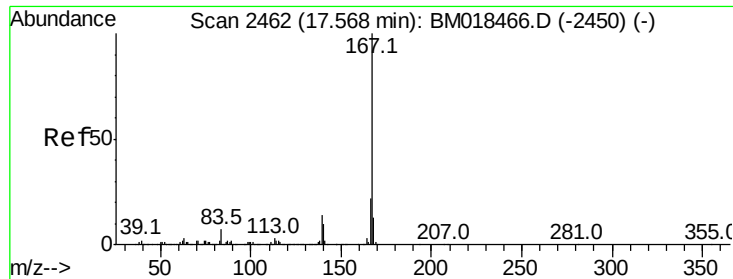
Sohil
1/16/2019 2:07:33 PM



#72
Anthracene
Concen: 40.587 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion:178 Resp: 2835894
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.3 12.2 18.4





#73

Carbazole

Concen: 37.228 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:167 Resp: 2672452

Ion Ratio Lower Upper

167 100

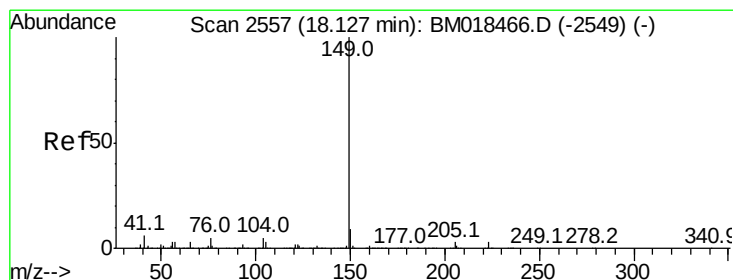
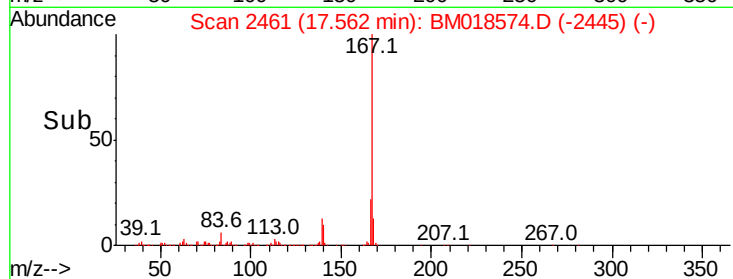
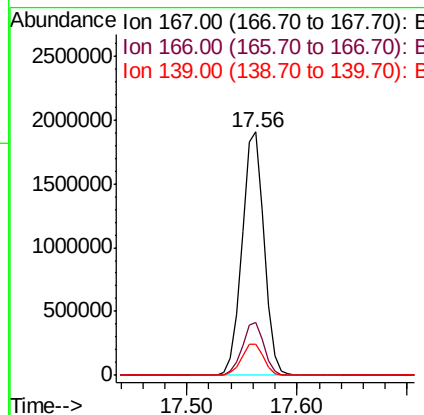
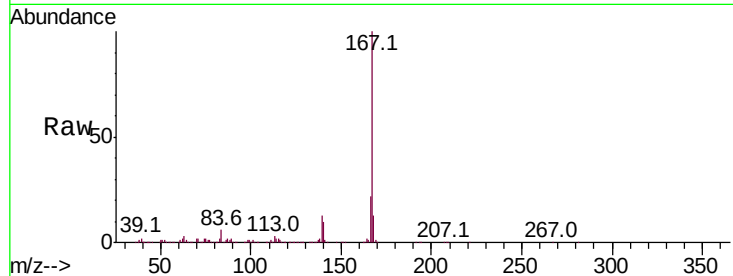
166 21.8 17.4 26.2

139 12.7 10.6 16.0

Manual Integrations
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Sohil

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#74

Di-n-butylphthalate

Concen: 40.165 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

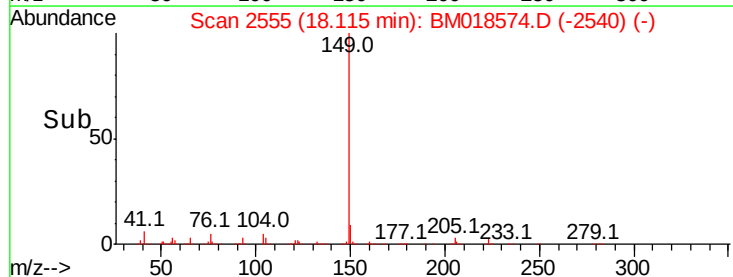
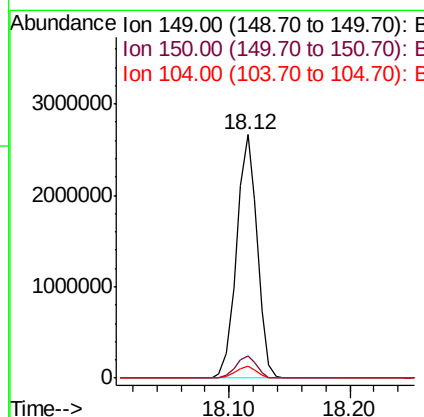
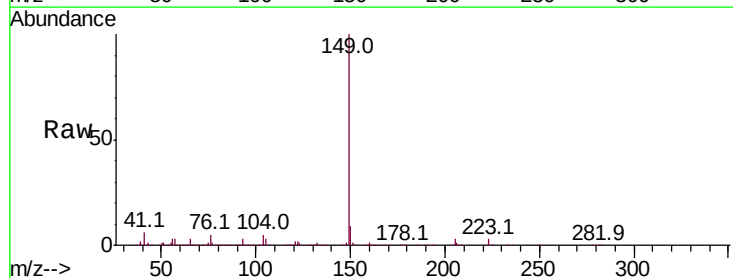
Tgt Ion:149 Resp: 3158276

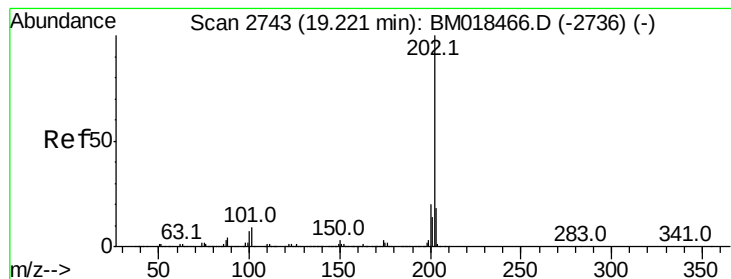
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.9 4.2 6.4





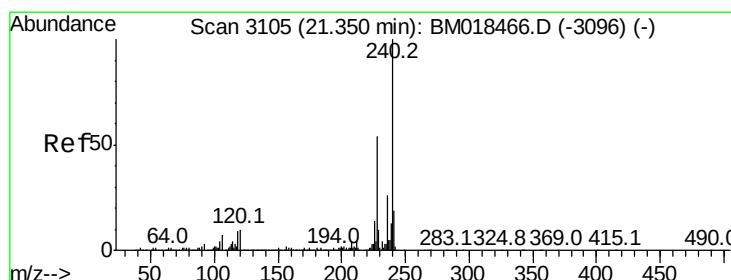
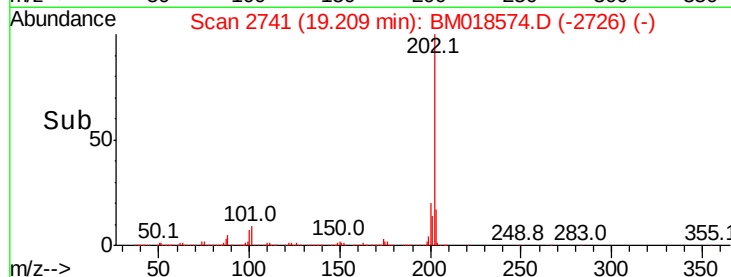
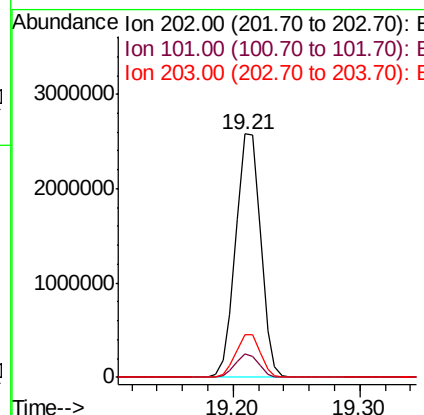
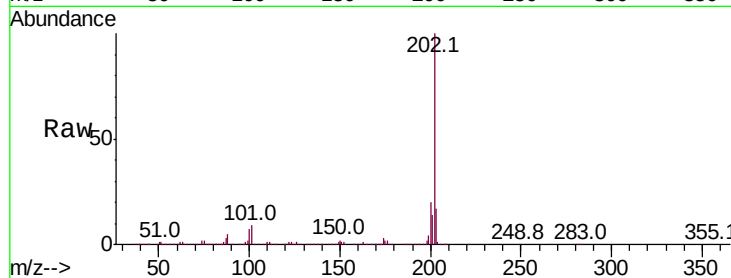
#75
 Fluoranthene
 Concen: 41.667 ng
 RT: 19.21 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.9
203	17.4	0.0	37.4

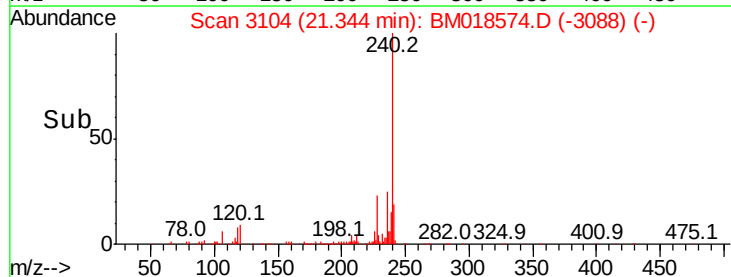
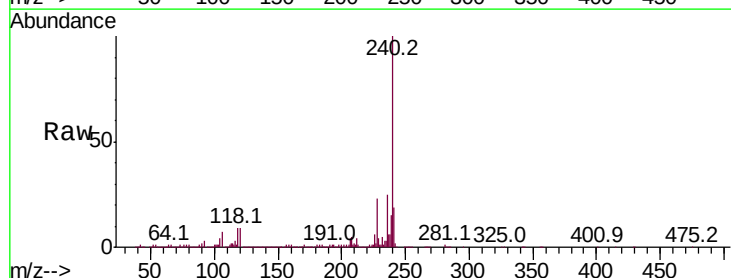
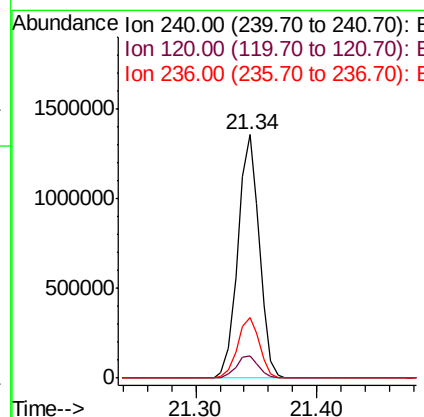
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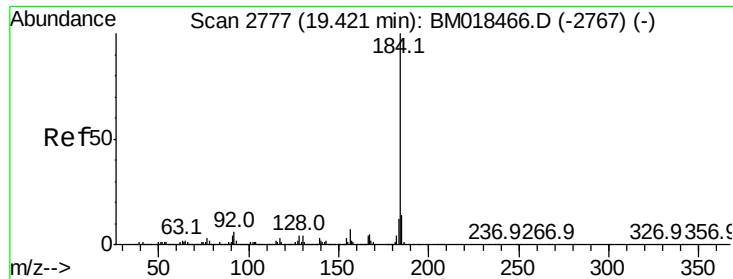
Sohil
 1/16/2019 2:07:33 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM018574.D
 Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	25.1	20.7	31.1





#77

Benzidine

Concen: 28.373 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:184 Resp: 1172072

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

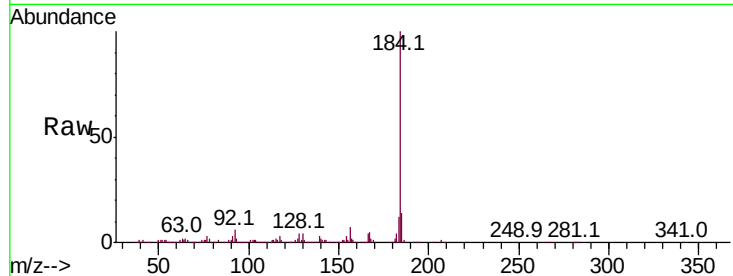
183 12.0 9.5 14.3

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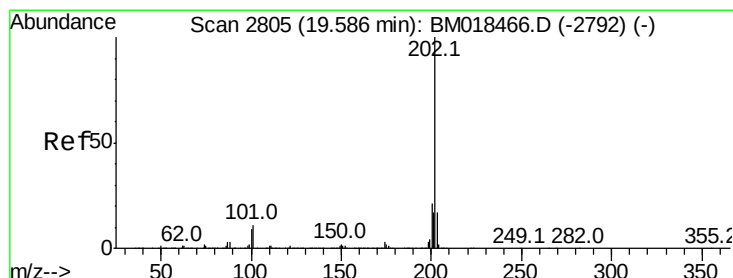
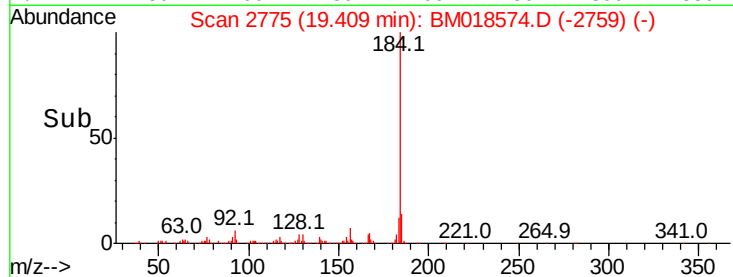
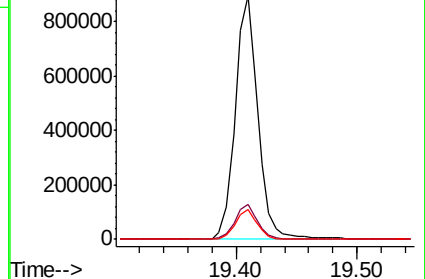
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.303 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

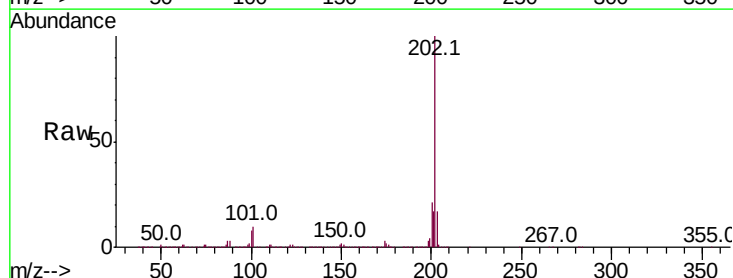
Tgt Ion:202 Resp: 3600047

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

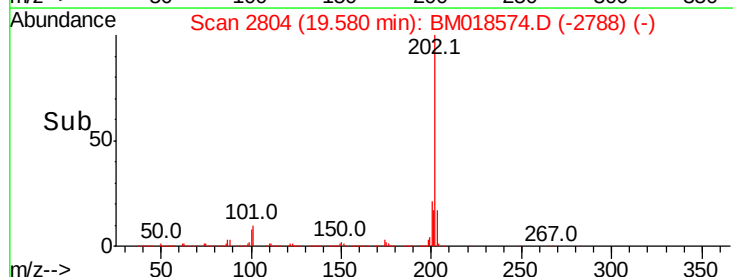
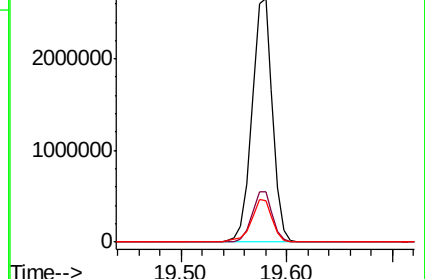
203 17.1 13.8 20.8

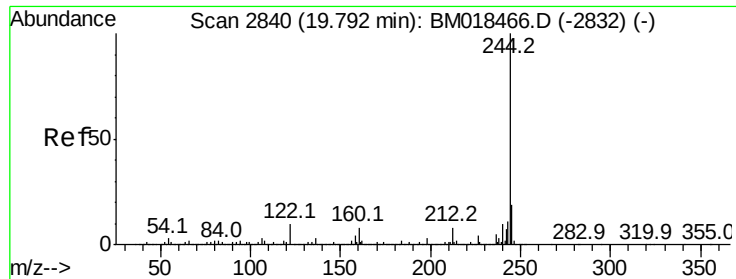


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.016 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:244 Resp: 5397928

Ion Ratio Lower Upper

244 100

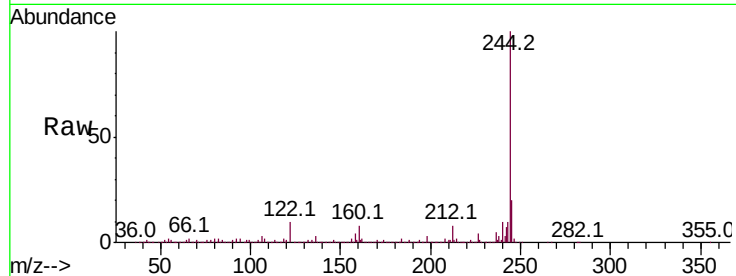
212 7.6 5.9 8.9

122 9.7 9.0 13.4

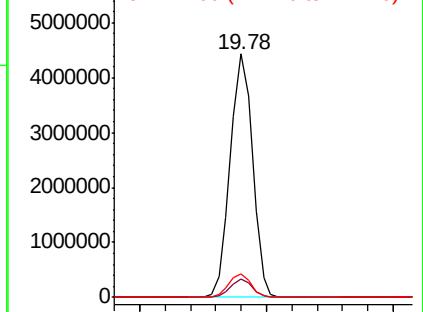
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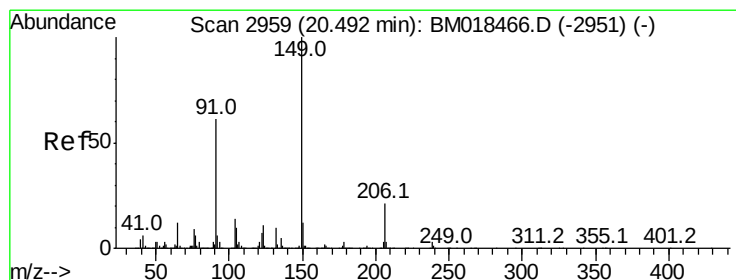
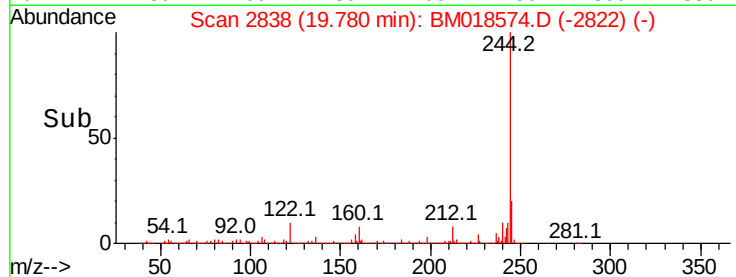
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Abundance Ion 244.00 (243.70 to 244.70): E
6000000
Ion 212.00 (211.70 to 212.70): E
5000000
Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 38.375 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

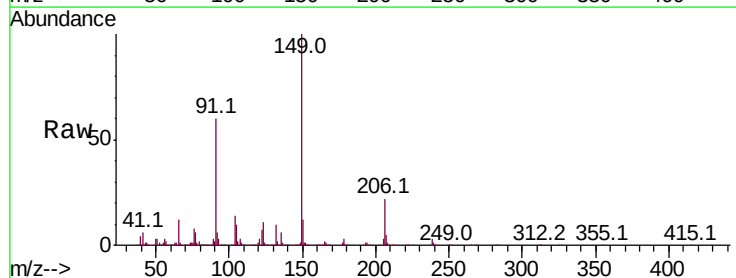
Tgt Ion:149 Resp: 1623842

Ion Ratio Lower Upper

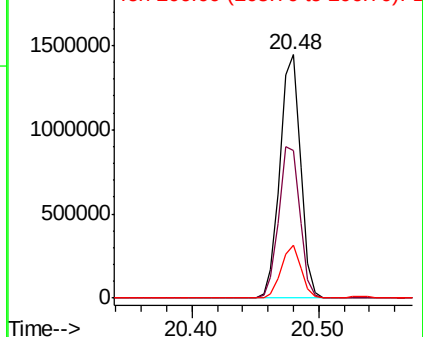
149 100

91 60.4 53.1 79.7

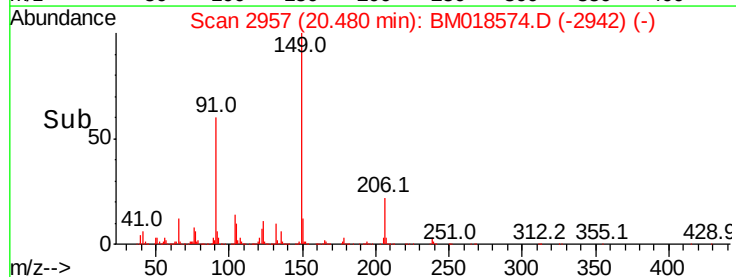
206 21.9 16.2 24.4

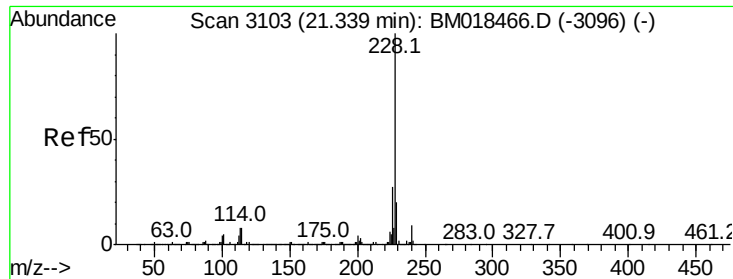


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 91.00 (90.70 to 91.70): BM
1500000
Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 38.902 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:228 Resp: 3834181

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.7	15.8	23.8

228 100

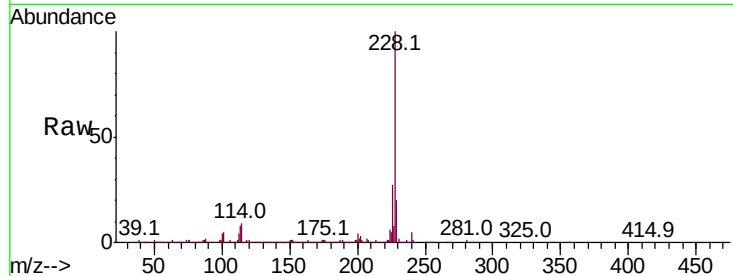
226 27.1 21.8 32.6

229 19.7 15.8 23.8

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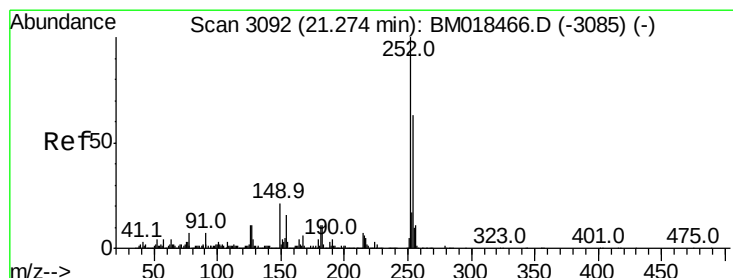
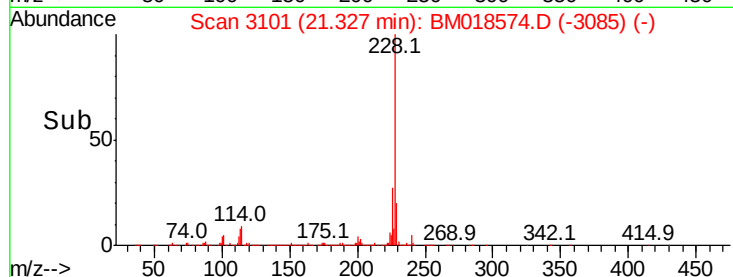
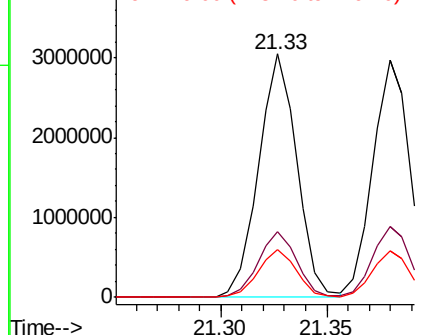


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.871 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

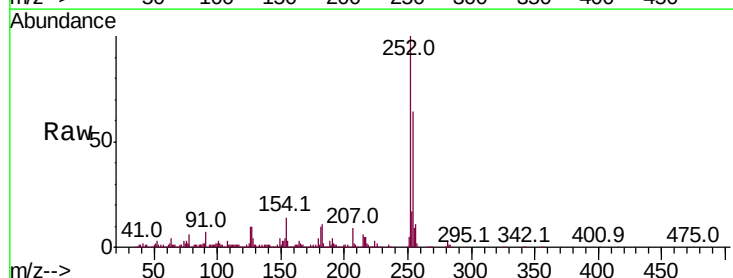
Tgt Ion:252 Resp: 703329

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	10.3	8.7	13.1

252 100

254 64.2 51.4 77.0

126 10.3 8.7 13.1

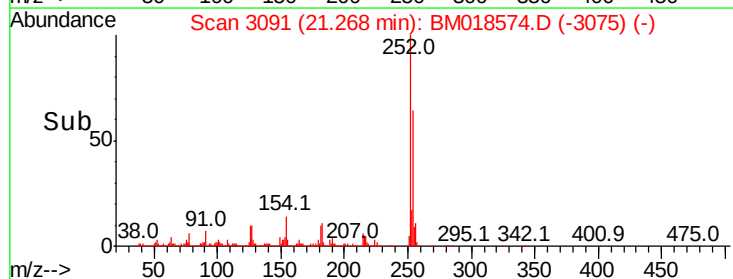
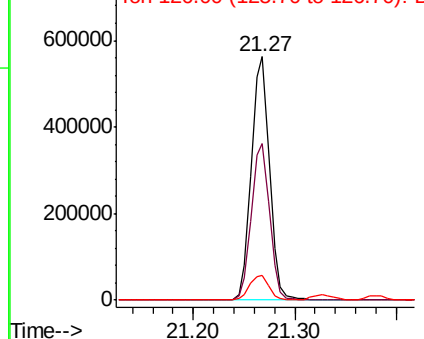


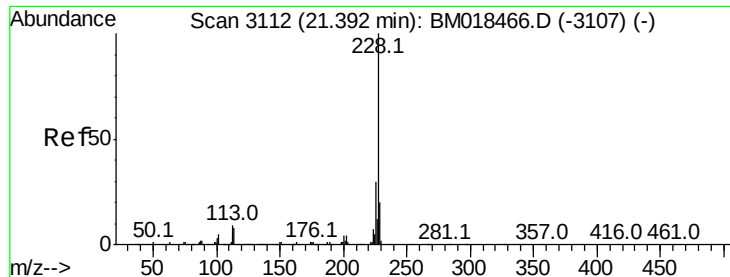
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.982 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:228 Resp: 3614841

Ion Ratio Lower Upper

228 100

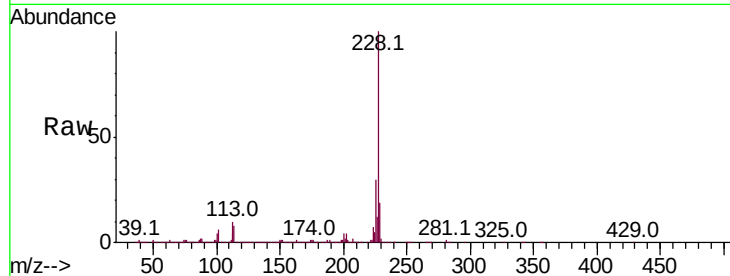
226 30.1 24.2 36.2

229 19.4 15.6 23.4

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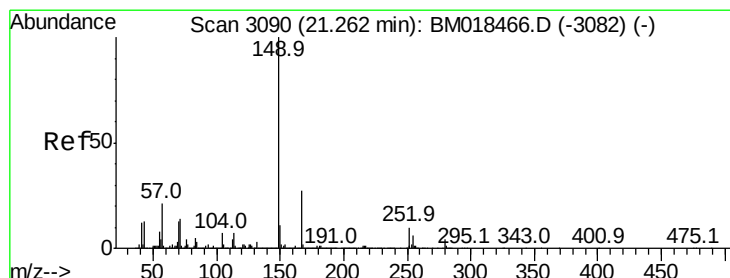
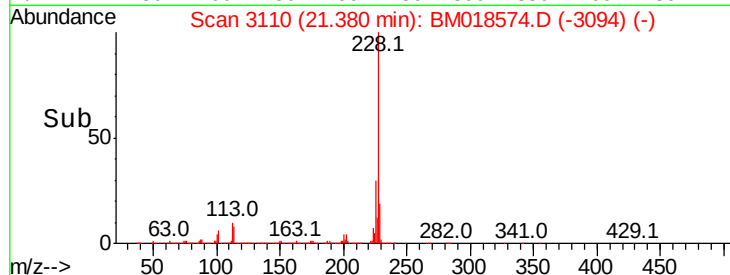
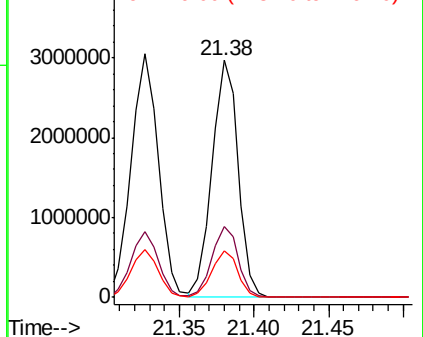


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.667 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

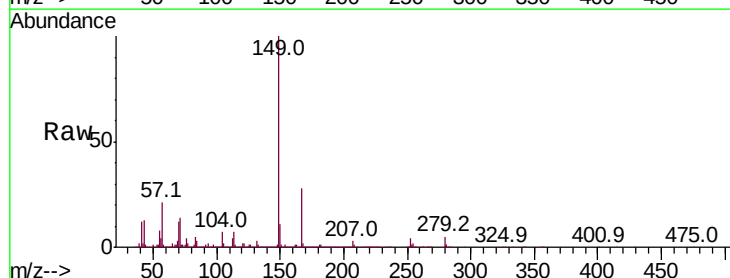
Tgt Ion:149 Resp: 2301623

Ion Ratio Lower Upper

149 100

167 27.8 21.6 32.4

279 4.5 3.3 4.9

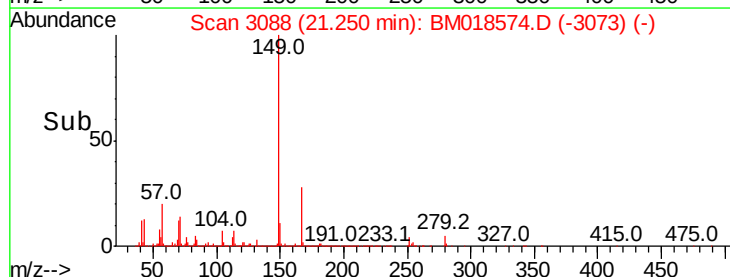
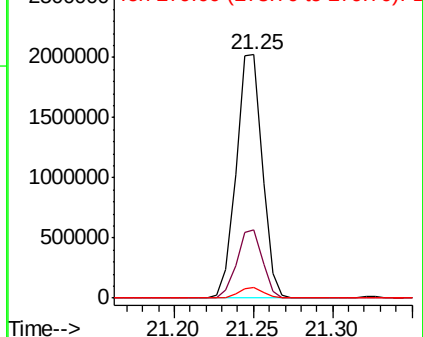


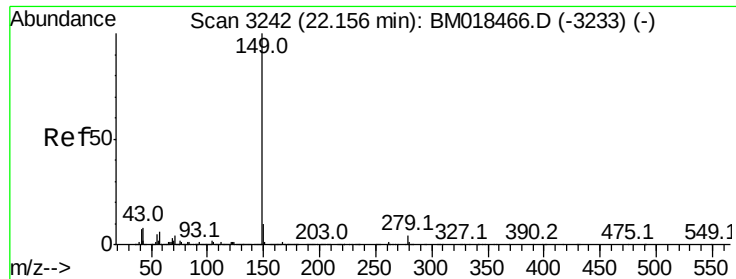
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.604 ng

RT: 22.14 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

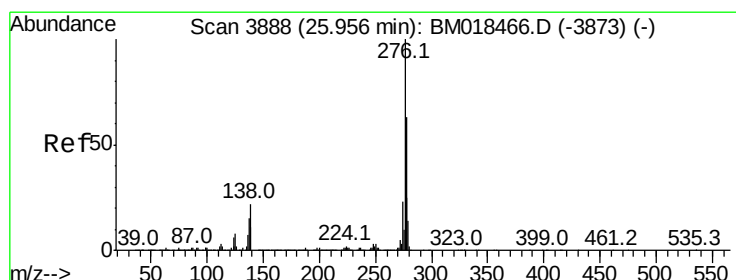
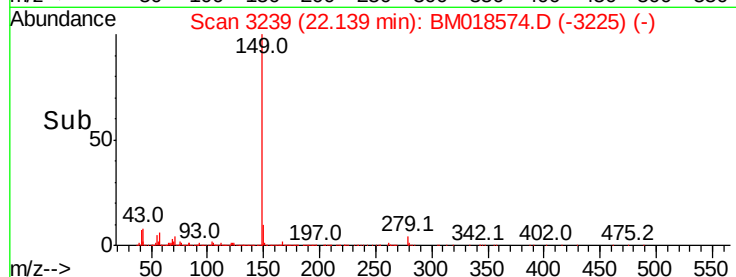
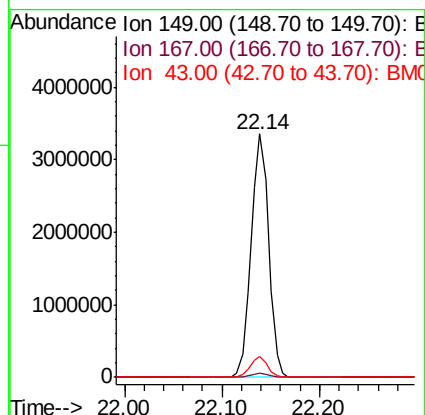
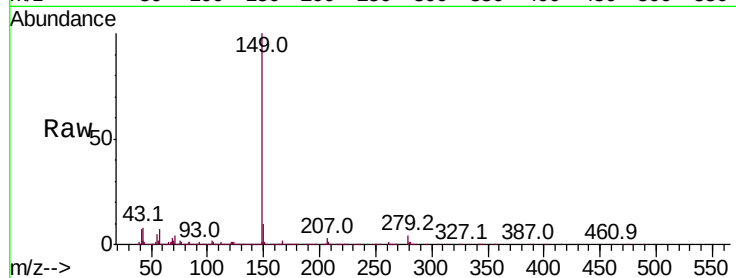
ClientSampleId :

QD-01-011019MSD

Tot Ion:	149	Resp:	4172920
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.406 ng

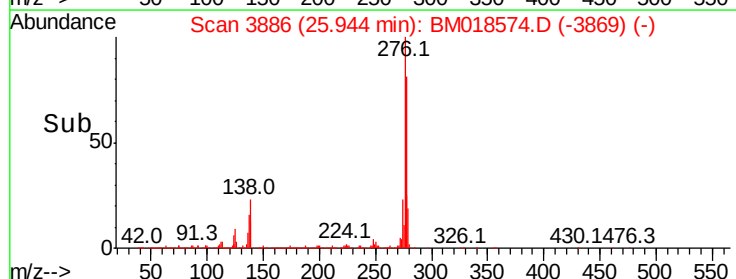
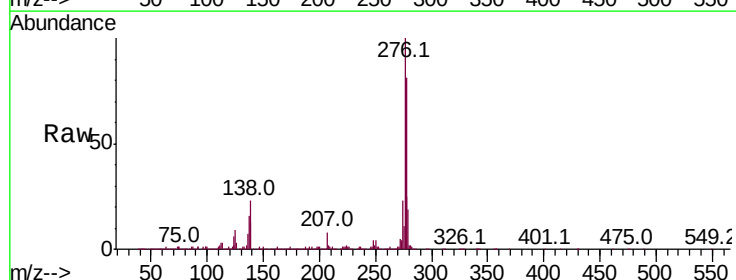
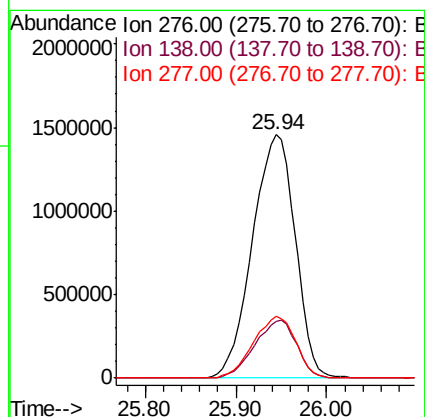
RT: 25.94 min Scan# 3886

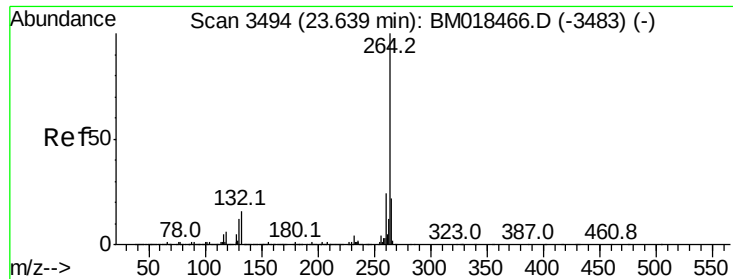
Delta R.T. -0.00 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Tgt Ion:	276	Resp:	4763614
Ion Ratio	Lower	Upper	
276	100		
138	23.4	21.5	32.3
277	25.3	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:264 Resp: 1847982

Ion Ratio Lower Upper

264 100

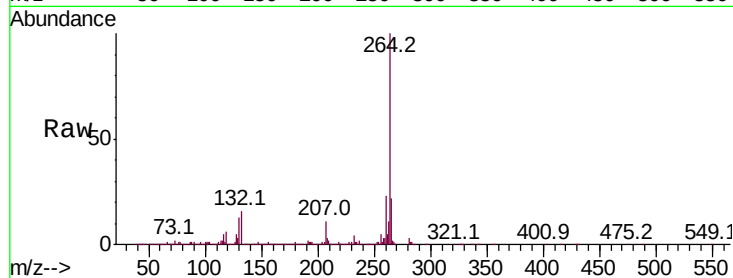
260 23.3 18.9 28.3

265 21.8 16.8 25.2

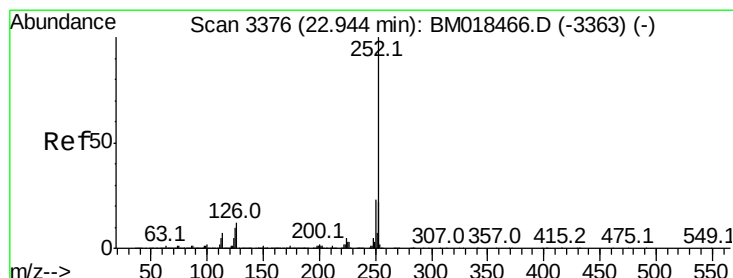
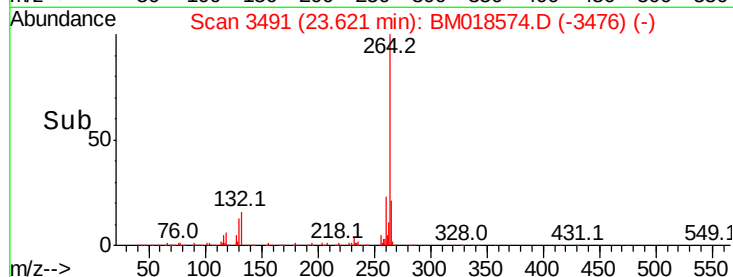
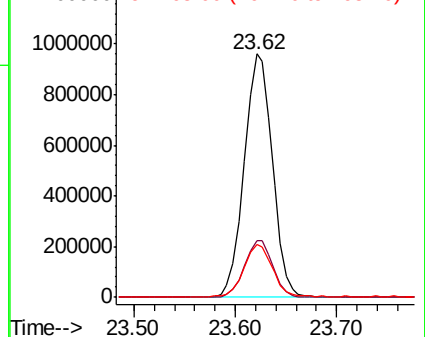
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.188 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

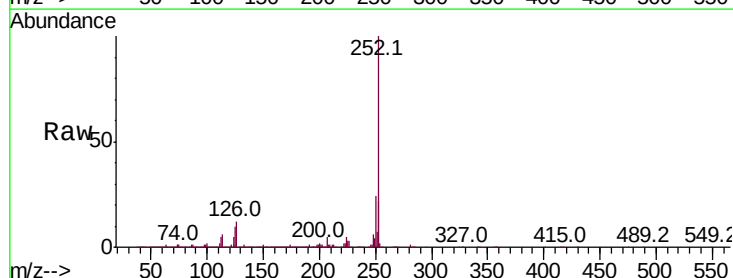
Tgt Ion:252 Resp: 4006462

Ion Ratio Lower Upper

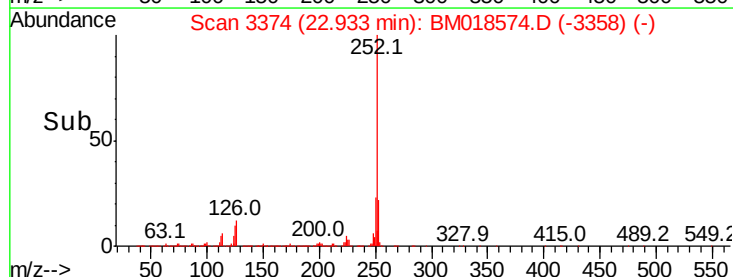
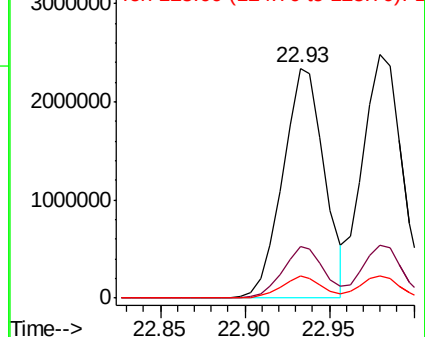
252 100

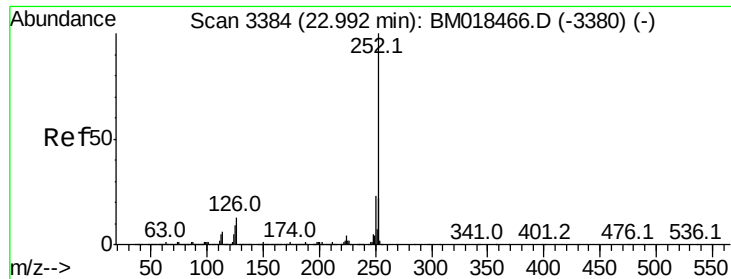
253 22.3 17.6 26.4

125 9.6 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





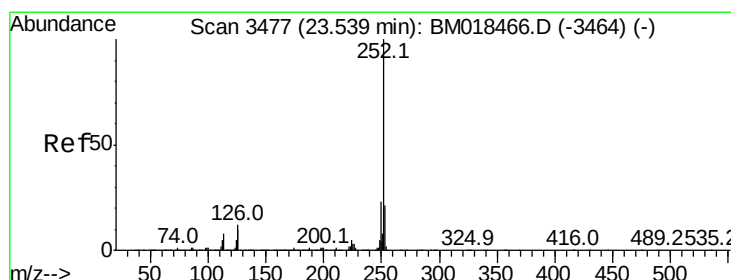
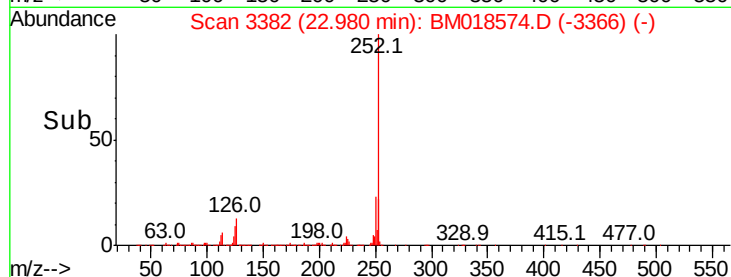
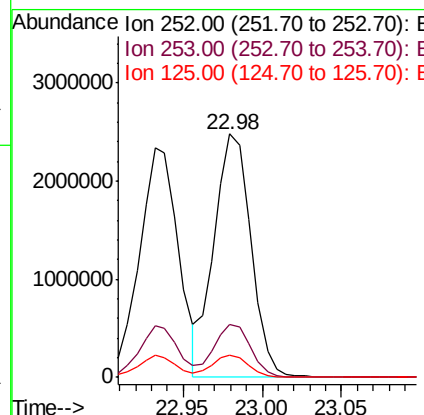
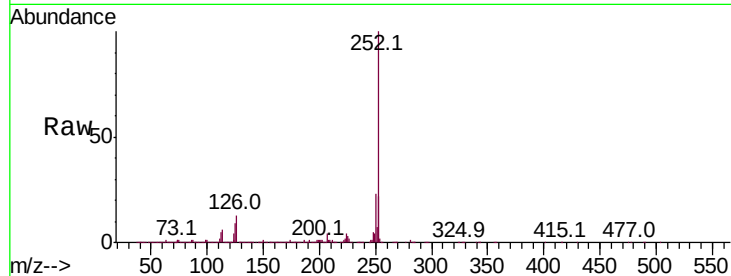
#89
Benzo(k)fluoranthene
Concen: 37.912 ng
RT: 22.98 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.2	8.6	12.8

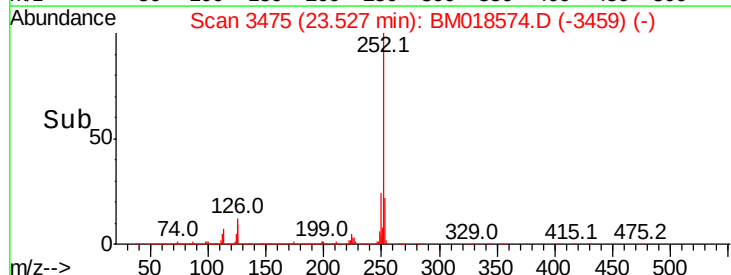
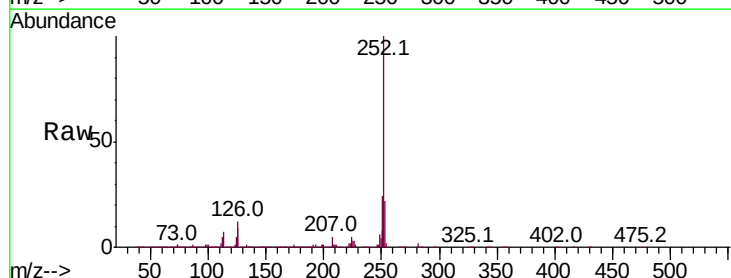
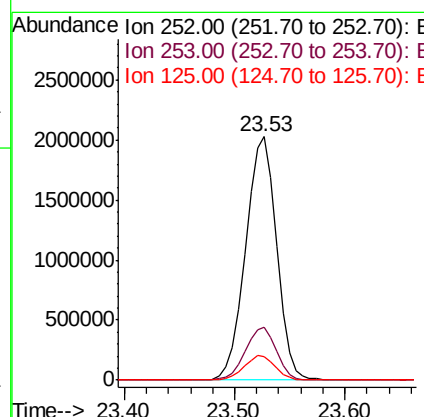
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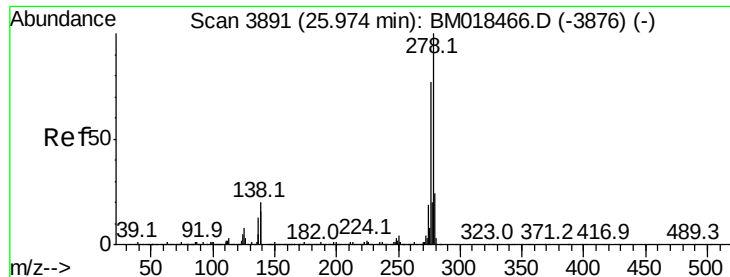
Sohil
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#90
Benzo(a)pyrene
Concen: 39.814 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM018574.D
Acq: 15 Jan 2019 23:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.5	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 39.469 ng

RT: 25.96 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MSD

Tot Ion:278 Resp: 4016771

Ion Ratio Lower Upper

278 100

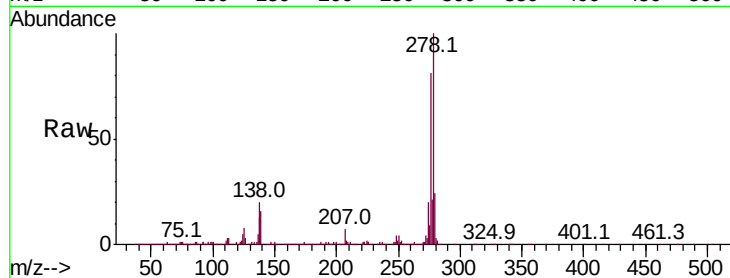
139 15.6 13.2 19.8

279 23.8 19.0 28.4

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1/16/2019 2:07:33 PM

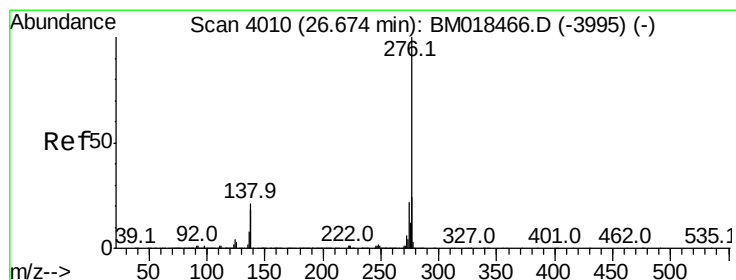
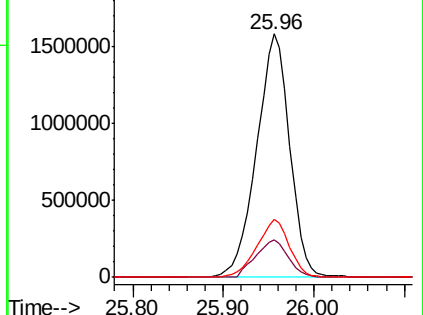
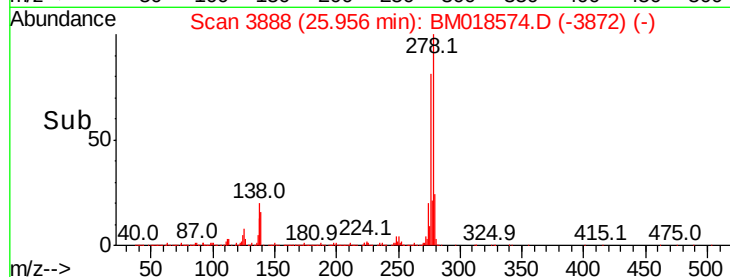


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.947 ng

RT: 26.66 min Scan# 4007

Delta R.T. -0.00 min

Lab File: BM018574.D

Acq: 15 Jan 2019 23:05

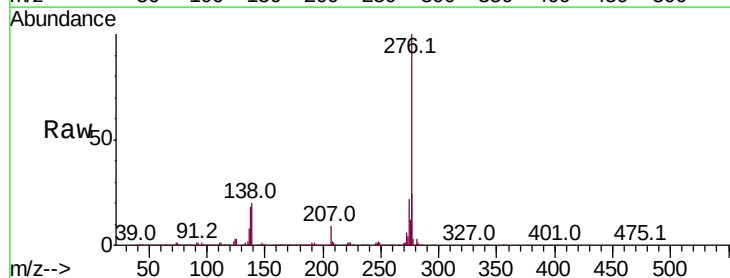
Tgt Ion:276 Resp: 3956199

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.1 18.1 27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

