

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018949.D
 Acq On : 27 Feb 2019 14:56
 Operator : JU/SJ
 Sample : PB117349BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:33:21 PM

Quant Time: Feb 28 03:29:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	508107	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	2265805	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	1297192	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	2932169	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	3104686	20.00	ng	0.00
87) Perylene-d12	23.55	264	2360403	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	4222009	136.15	ng	-0.02
7) Phenol-d6	6.88	99	6742865	154.35	ng	0.00
23) Nitrobenzene-d5	8.87	82	3535500	72.15	ng	-0.02
42) 2,4,6-Tribromophenol	15.86	330	3109126	166.28	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	6986916	71.50	ng	-0.02
79) Terphenyl-d14	19.74	244	11751751	78.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	444369	32.900	ng	100
3) Pyridine	3.64	79	1357214	36.838	ng	99
4) n-Nitrosodimethylamine	3.56	42	482279	51.456	ng	90
6) Aniline	7.05	93	2417411	45.162	ng	99
8) 2-Chlorophenol	7.26	128	1513070	44.440	ng	98
9) Benzaldehyde	6.85	77	1001550	42.706	ng	100
10) Phenol	6.91	94	2099511	45.674	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	1537352	43.843	ng	100
12) 1,3-Dichlorobenzene	7.58	146	1554935	40.615	ng	98
13) 1,4-Dichlorobenzene	7.73	146	1612448	41.371	ng	100
14) 1,2-Dichlorobenzene	8.04	146	1582238	42.263	ng	99
15) Benzyl Alcohol	7.95	79	1652887	47.616	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1489702	43.895	ng	99
17) 2-Methylphenol	8.14	107	1360551	46.504	ng	98
18) Hexachloroethane	8.76	117	619514	43.543	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	1534452	45.364	ng	99
20) 3+4-Methylphenols	8.47	107	1878364	46.495	ng	100
22) Acetophenone	8.53	105	2546890	40.932	ng	# 99
24) Nitrobenzene	8.91	77	2146232	42.195	ng	98
25) Isophorone	9.43	82	3874807	49.557	ng	99
26) 2-Nitrophenol	9.61	139	927523	45.790	ng	98
27) 2,4-Dimethylphenol	9.67	122	1344457	45.443	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	2191151	43.337	ng	99
29) 2,4-Dichlorophenol	10.14	162	1512485	44.523	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	1636217	41.707	ng	97
31) Naphthalene	10.53	128	4936791	44.675	ng	100
32) Benzoic acid	9.89	122	1240851m	48.081	ng	
33) 4-Chloroaniline	10.66	127	2135824	43.237	ng	99
34) Hexachlorobutadiene	10.79	225	892553	39.196	ng	99
35) Caprolactam	11.51	113	543646m	39.213	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1776468	43.373	ng	98
37) 2-Methylnaphthalene	12.15	142	3653861	46.963	ng	99
38) 1-Methylnaphthalene	12.37	142	3485538	45.814	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1757064	42.343	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1764538	83.171	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	1218661	44.363	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1301533	45.204	ng	99
46) 1,1'-Biphenyl	13.17	154	4578733	41.006	ng	100
47) 2-Chloronaphthalene	13.22	162	3597089	41.708	ng	100
48) 2-Nitroaniline	13.45	65	1325592	46.279	ng	99
49) Acenaphthylene	14.07	152	5703746	44.415	ng	99
50) Dimethylphthalate	13.82	163	4522547	41.834	ng	99
51) 2,6-Dinitrotoluene	13.95	165	1030071	43.985	ng	96
52) Acenaphthene	14.42	154	3373868	42.846	ng	99
53) 3-Nitroaniline	14.29	138	1110609	41.972	ng	100
54) 2,4-Dinitrophenol	14.49	184	1315784	87.932	ng	97
55) Dibenzofuran	14.75	168	5449562	42.105	ng	99
56) 4-Nitrophenol	14.60	139	1875822	88.806	ng	98
57) 2,4-Dinitrotoluene	14.74	165	1482984	45.961	ng	96
58) Fluorene	15.40	166	4566210	46.116	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1146328	45.042	ng	99
60) Diethylphthalate	15.19	149	4626310	41.485	ng	98
61) 4-Chlorophenyl-phenylether	15.40	204	2253320	40.589	ng	95
62) 4-Nitroaniline	15.46	138	1119720	43.164	ng	97
63) Azobenzene	15.69	77	5037026	42.126	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	827635	40.202	ng	96
66) n-Nitrosodiphenylamine	15.62	169	3903244	42.134	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	1352903	41.221	ng	99
68) Hexachlorobenzene	16.40	284	1591037	41.706	ng	96
69) Atrazine	16.57	200	516288	17.287	ng	99
70) Pentachlorophenol	16.75	266	2012480	81.930	ng	99
71) Phenanthrene	17.14	178	6955781	44.141	ng	99
72) Anthracene	17.24	178	7118974	46.415	ng	99
73) Carbazole	17.52	167	6550904	40.881	ng	99
74) Di-n-butylphthalate	18.07	149	8064498	43.760	ng	100
75) Fluoranthene	19.17	202	8149295	44.770	ng	98
77) Benzidine	19.37	184	5492756	78.556	ng	100
78) Pyrene	19.53	202	8350859	46.312	ng	99
80) Butylbenzylphthalate	20.43	149	4047216	49.250	ng	99
81) Benzo(a)anthracene	21.29	228	8027554	44.356	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	3270940	45.731	ng	98
83) Chrysene	21.34	228	7414473	42.743	ng	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	5835804	48.520	ng	98
85) Di-n-octyl phthalate	22.09	149	9640706	47.691	ng	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	7058040	35.242	ng	100
88) Benzo(b)fluoranthene	22.87	252	7126718	52.772	ng	99
89) Benzo(k)fluoranthene	22.92	252	6896485	51.295	ng	99
90) Benzo(a)pyrene	23.46	252	6520676	50.969	ng	99
91) Dibenzo(a,h)anthracene	25.86	278	6115007	48.245	ng	99
92) Benzo(g,h,i)perylene	26.55	276	5633884	47.745	ng	100

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

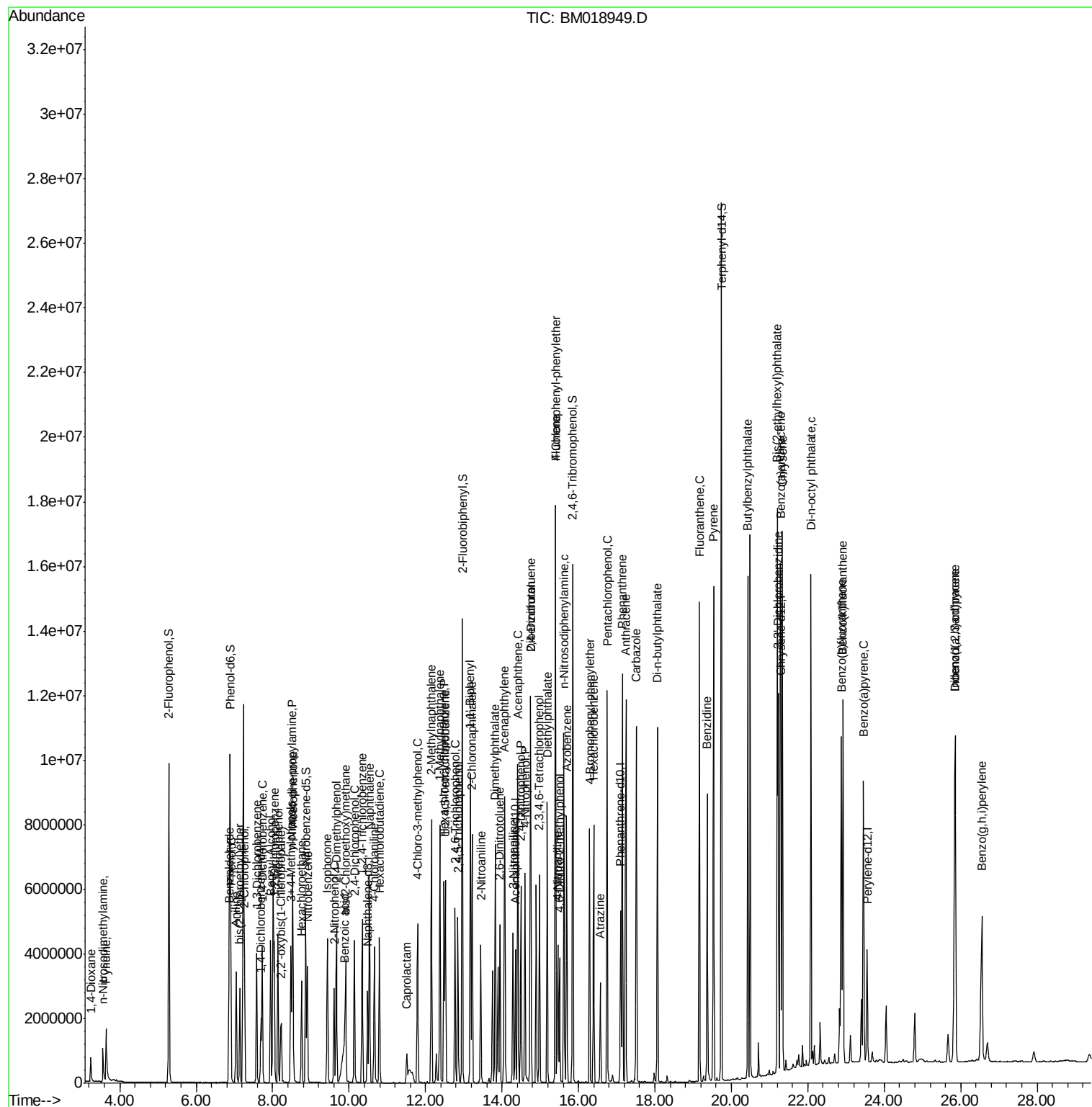
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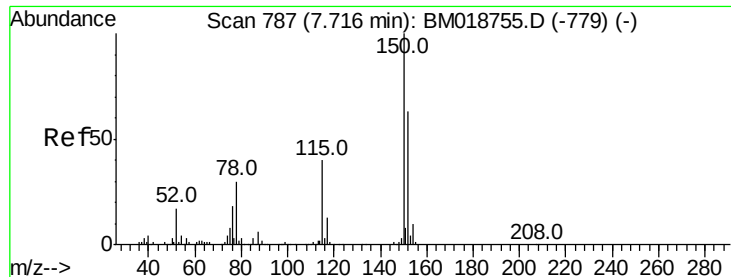
Instrument :
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#1

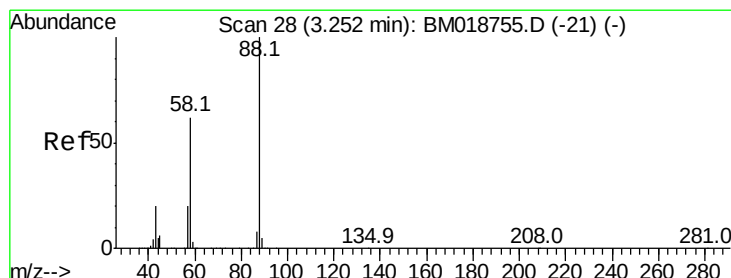
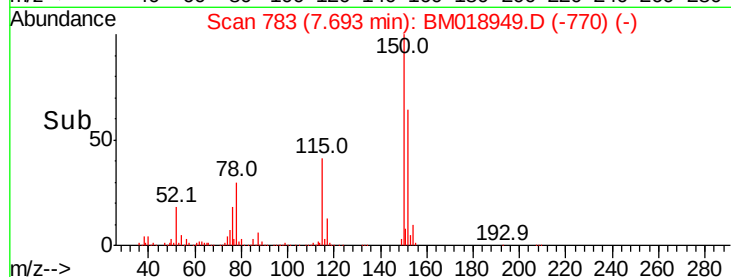
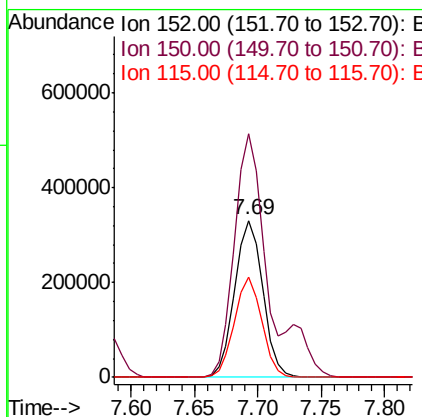
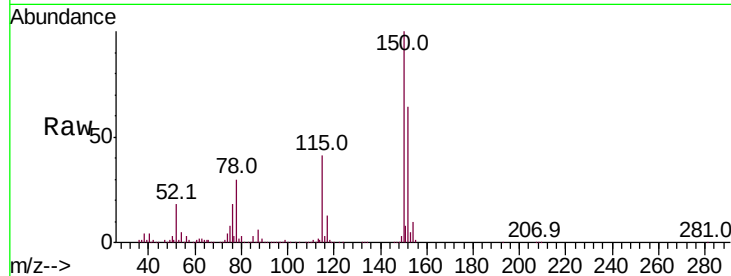
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.3	190.9
115	64.2	50.8	76.2

Manual Integrations
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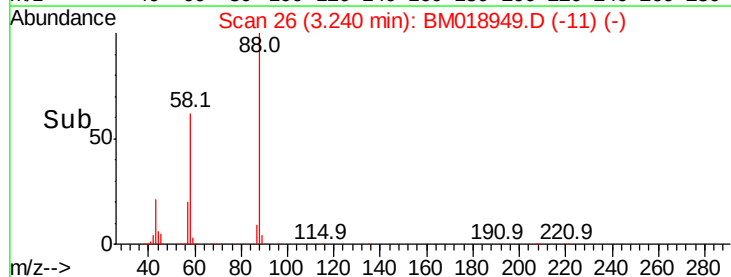
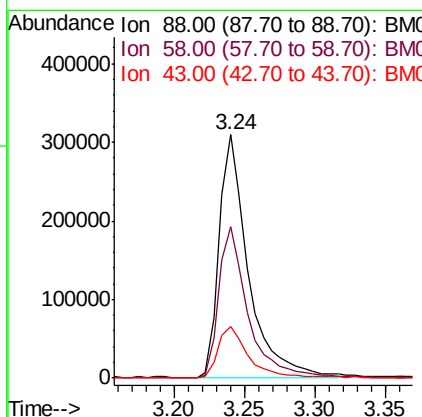
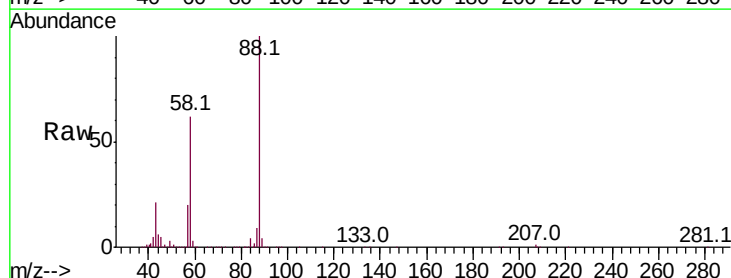
Sohil
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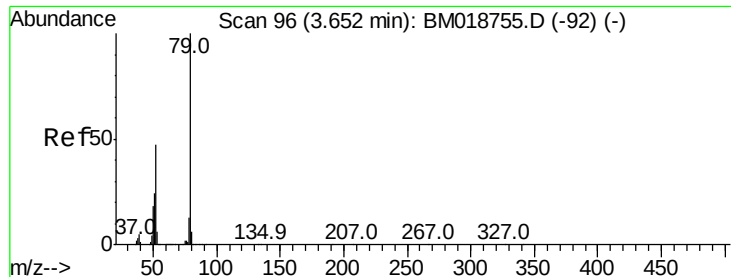


#2

1,4-Dioxane
Concen: 32.900 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.8	74.6
43	21.4	16.7	25.1





#3

Pvridine

Concen: 36.838 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion: 79 Resp: 1357214

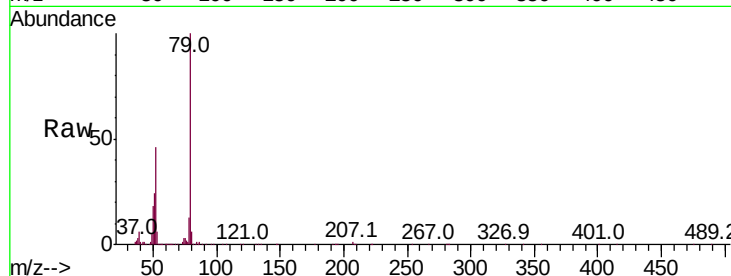
Ion	Ratio	Lower	Upper
79	100		
52	46.1	37.6	56.4
51	23.7	19.7	29.5

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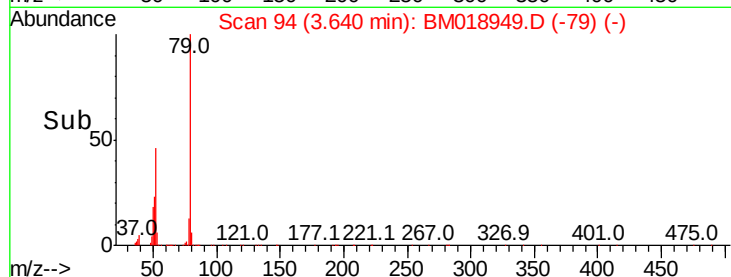
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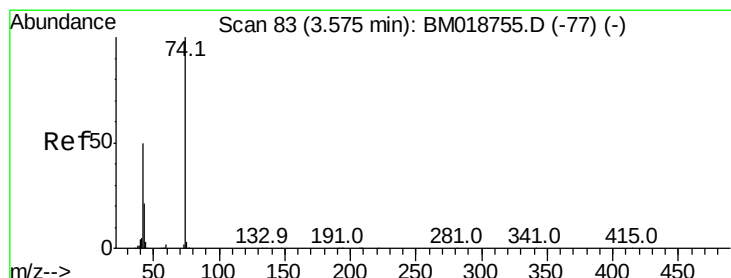
Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

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

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



Time-->



#4

n-Nitrosodimethylamine

Concen: 51.456 ng

RT: 3.56 min Scan# 80

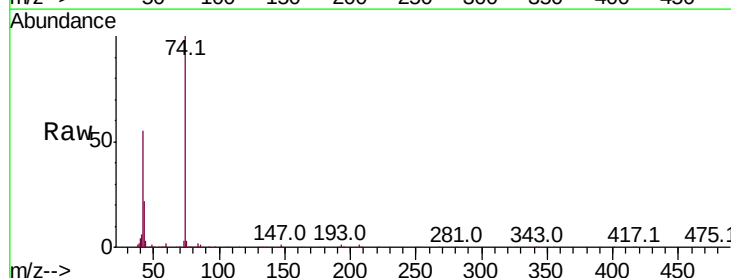
Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion: 42 Resp: 482279

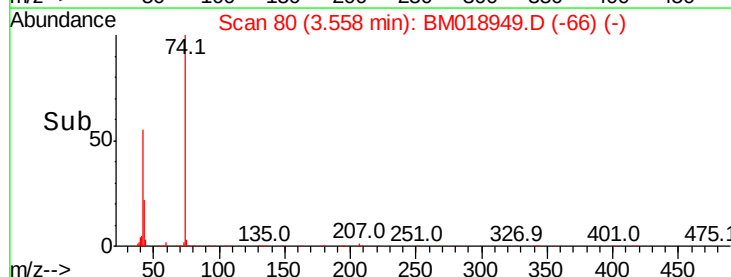
Ion	Ratio	Lower	Upper
42	100		
74	182.9	158.1	237.1
44	5.4	4.9	7.3



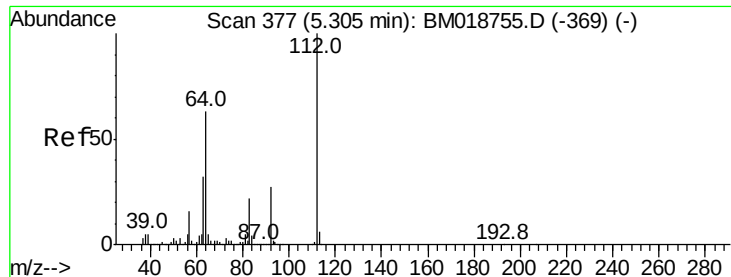
Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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

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



Time-->



#5

2-Fluorophenol

Concen: 136.146 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:112 Resp: 4222009

Ion Ratio Lower Upper

112 100

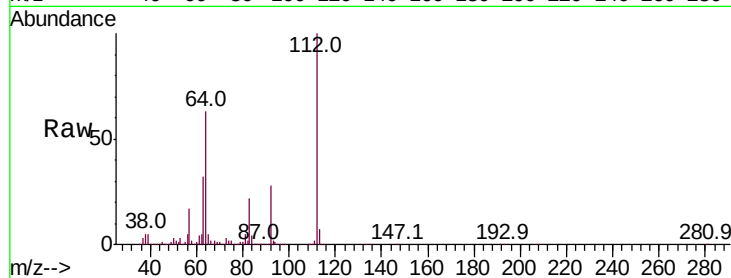
64 63.2 50.6 75.8

63 32.4 25.7 38.5

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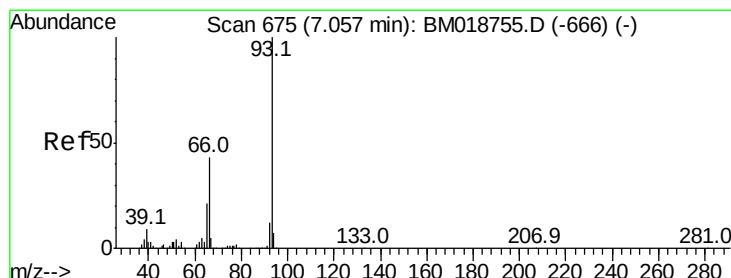
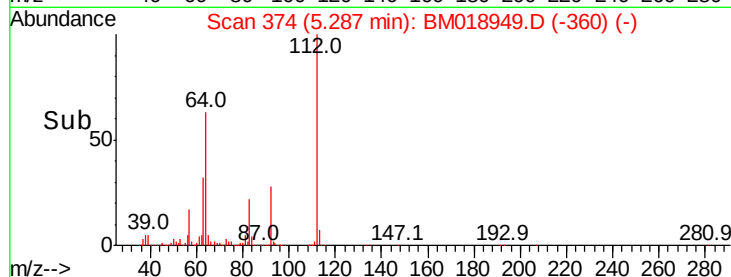
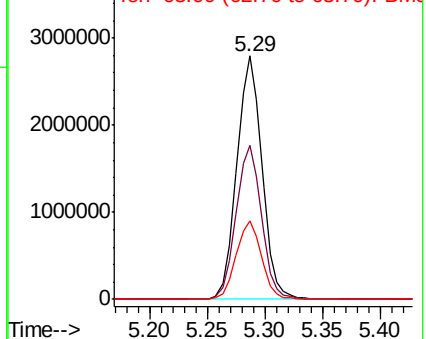
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 45.162 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

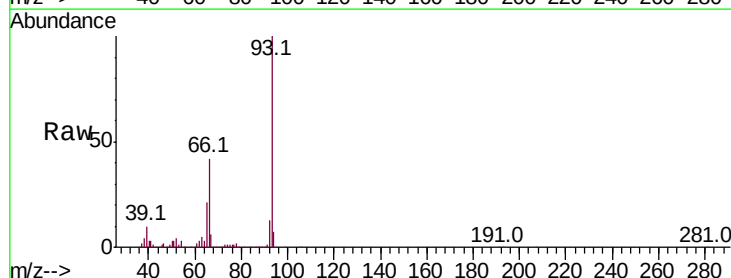
Tgt Ion: 93 Resp: 2417411

Ion Ratio Lower Upper

93 100

66 42.3 34.1 51.1

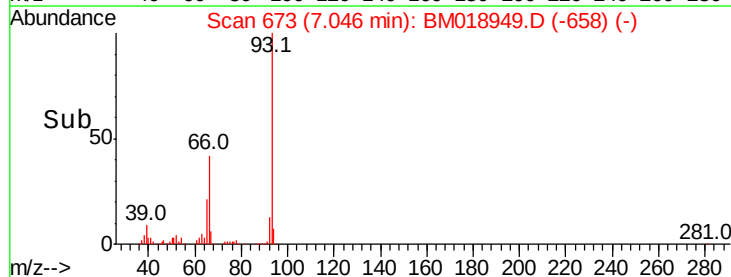
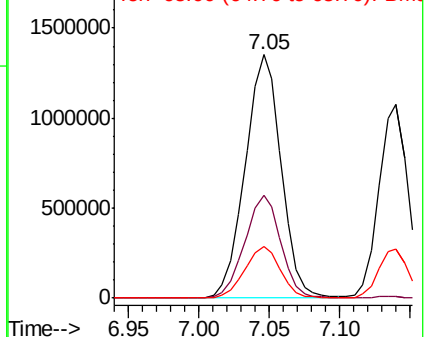
65 21.0 16.6 24.8

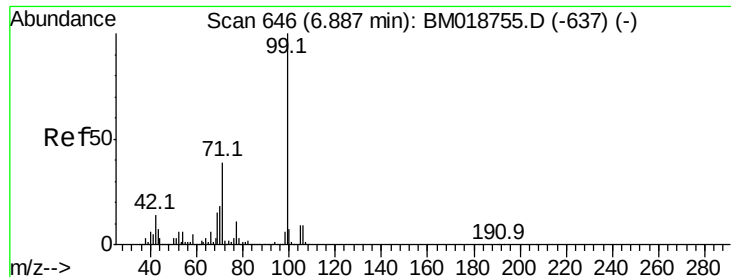


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 154.345 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

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Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion: 99 Resp: 6742865

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.6

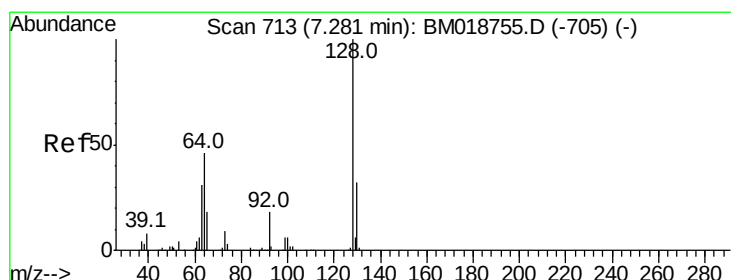
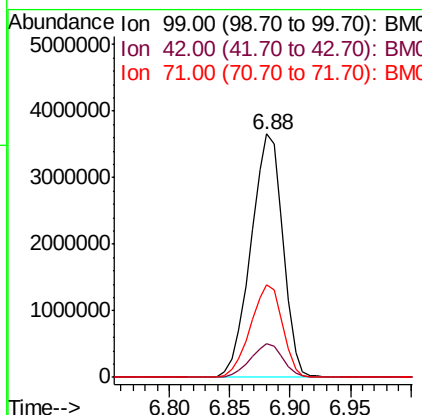
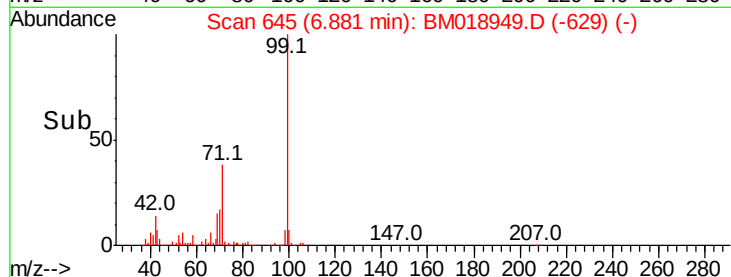
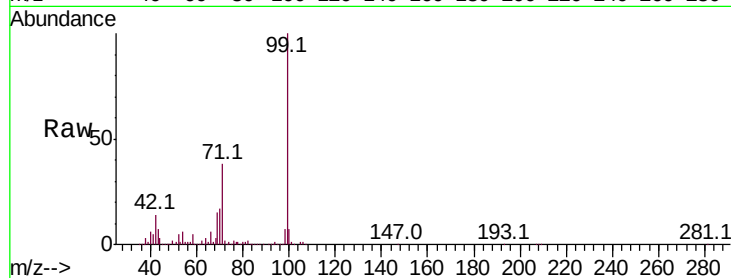
71 38.2 31.3 46.9

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#8

2-Chlorophenol

Concen: 44.440 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

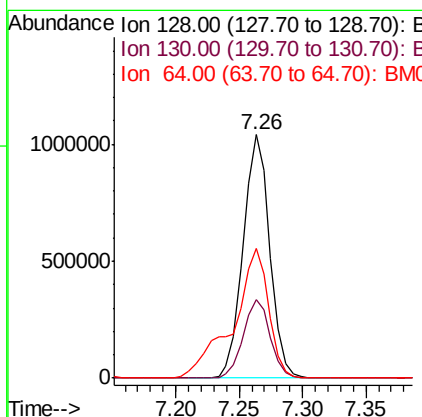
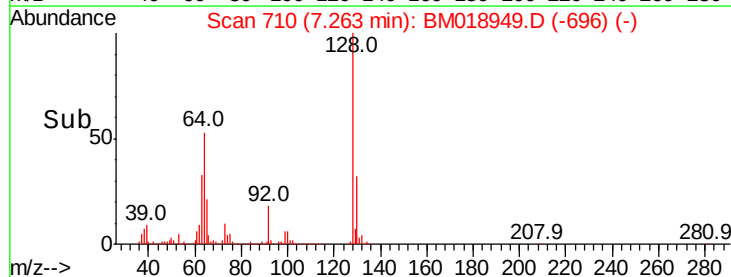
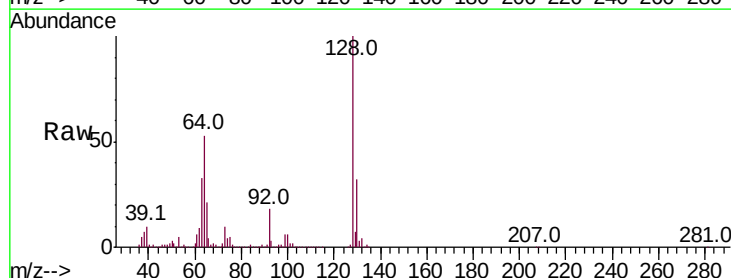
Tgt Ion: 128 Resp: 1513070

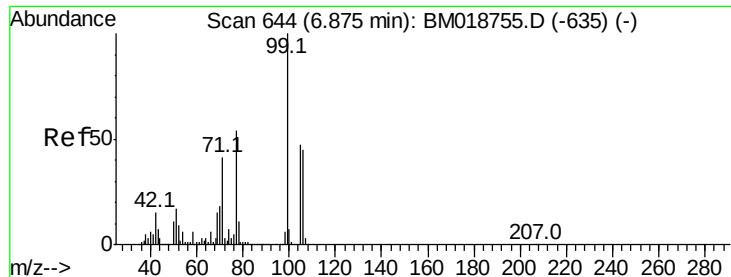
Ion Ratio Lower Upper

128 100

130 32.2 11.7 51.7

64 53.3 31.0 71.0





#9

Benzaldehyde

Concen: 42.706 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018949.D

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Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion: 77 Resp: 1001550

Ion Ratio Lower Upper

77 100

105 86.9 67.3 107.3

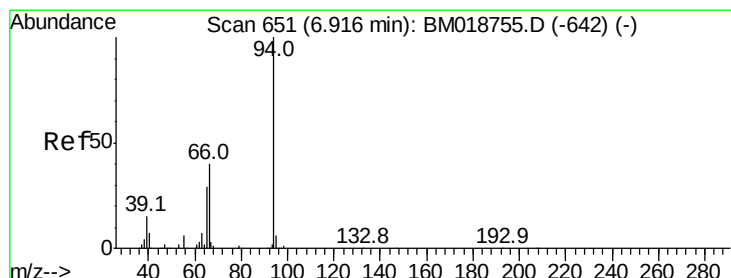
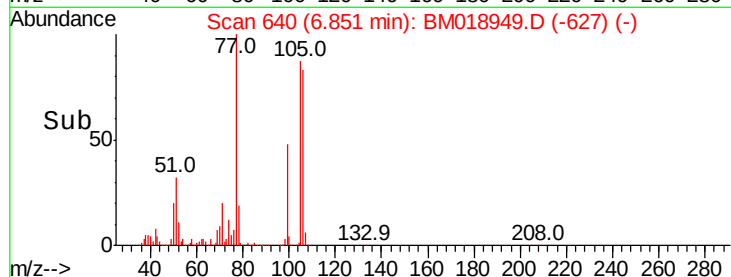
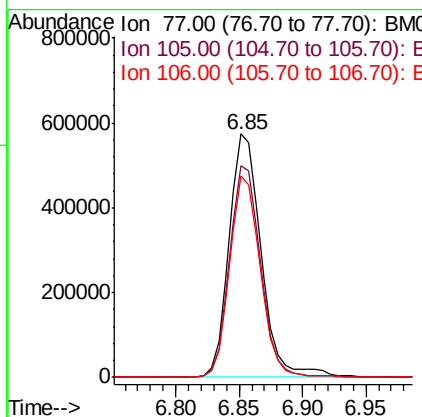
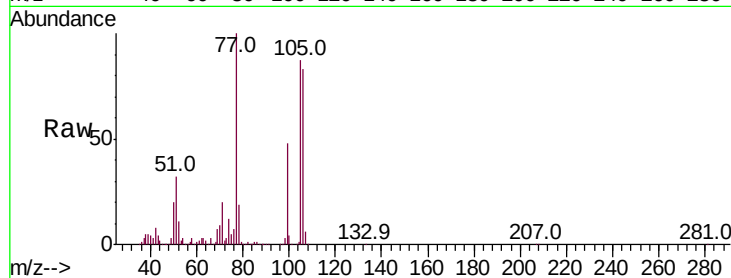
106 82.7 62.9 102.9

Manual Integrations

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#10

Phenol

Concen: 45.674 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

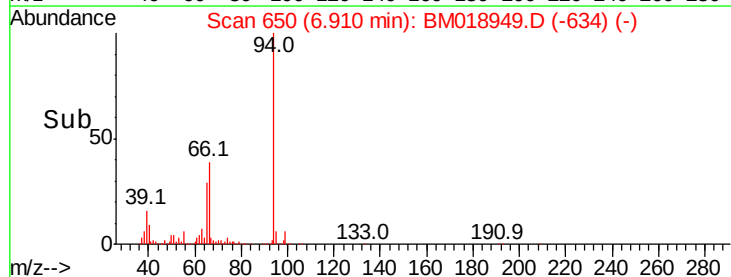
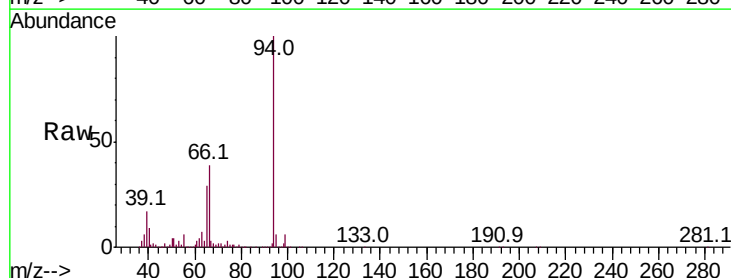
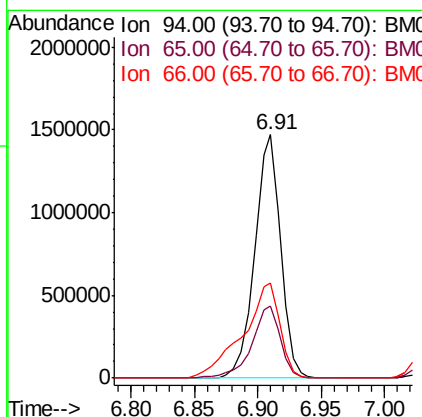
Tgt Ion: 94 Resp: 2099511

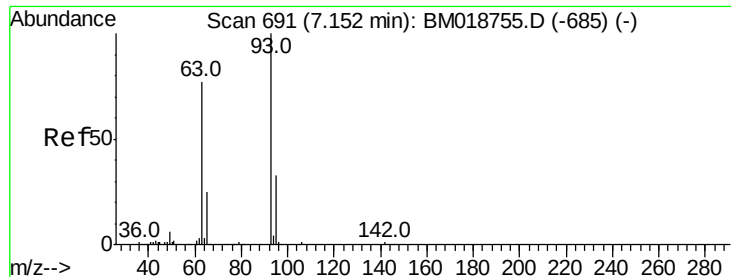
Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

66 39.0 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 43.843 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion: 93 Resp: 1537352

Ion Ratio Lower Upper

93 100

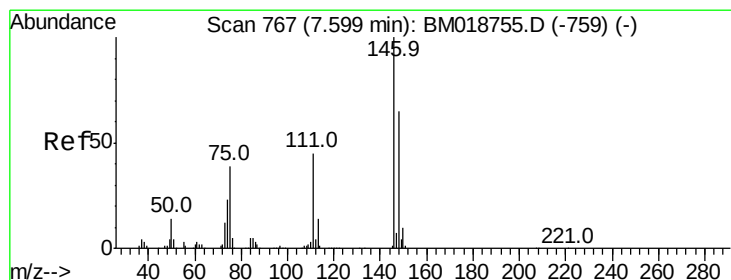
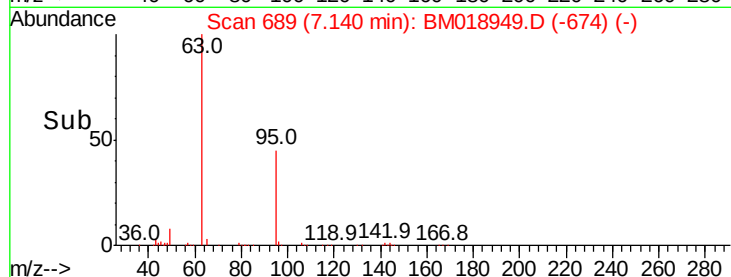
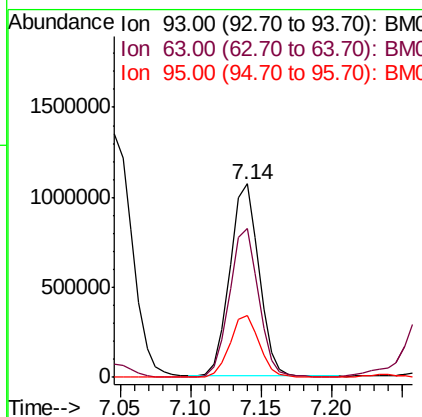
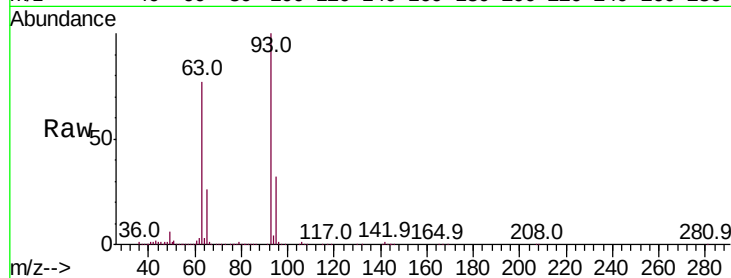
63 76.9 57.0 97.0

95 32.1 12.4 52.4

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#12

1,3-Dichlorobenzene

Concen: 40.615 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

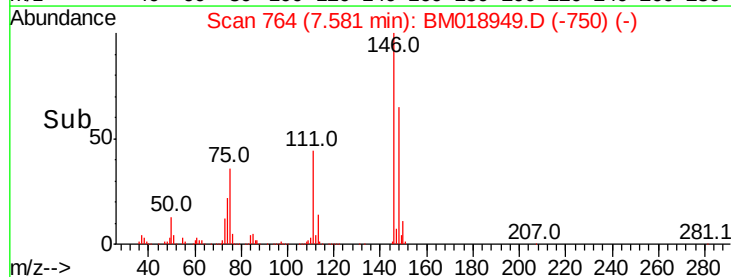
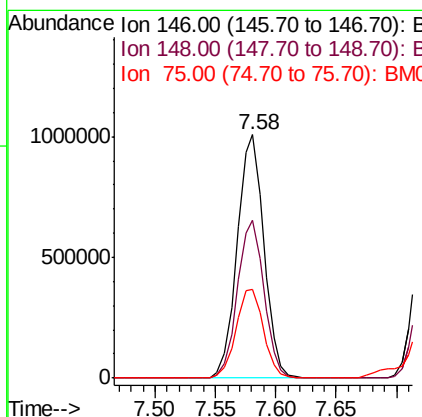
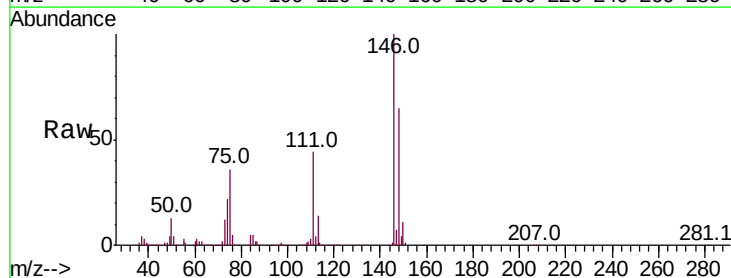
Tgt Ion: 146 Resp: 1554935

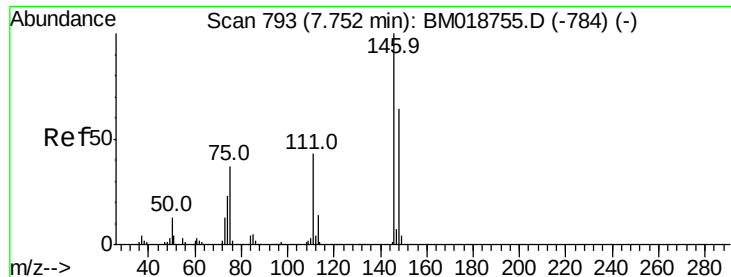
Ion Ratio Lower Upper

146 100

148 65.0 51.7 77.5

75 36.5 31.3 46.9





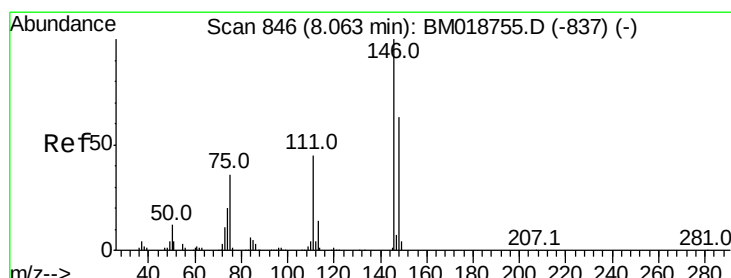
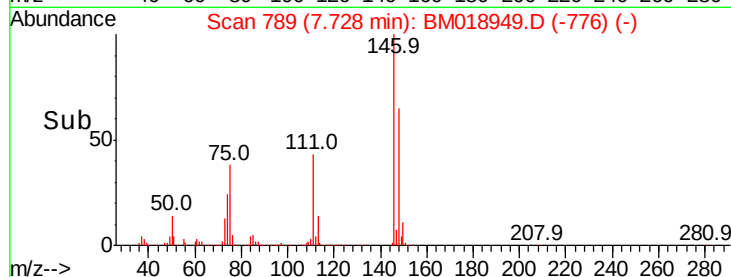
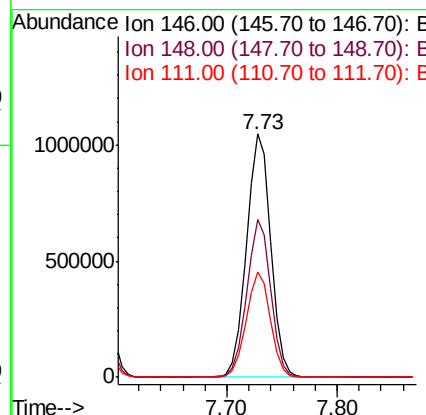
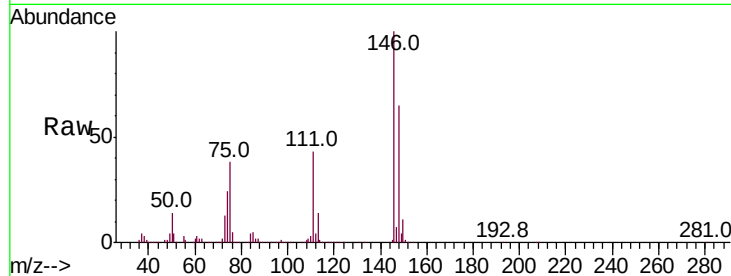
#13
1,4-Dichlorobenzene
Concen: 41.371 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampled :
PB117349BSD

Tot Ion:146 Resp: 1612448
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 43.4 34.6 52.0

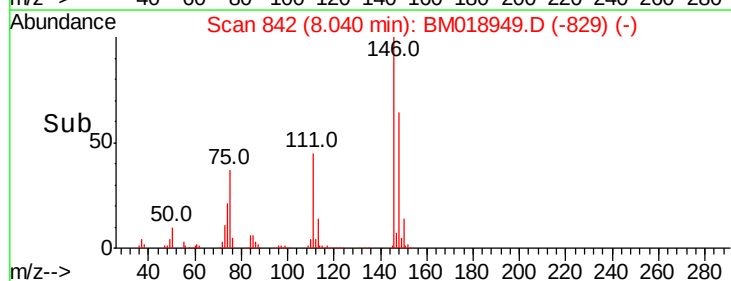
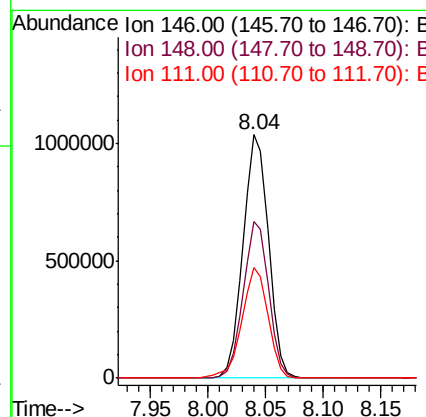
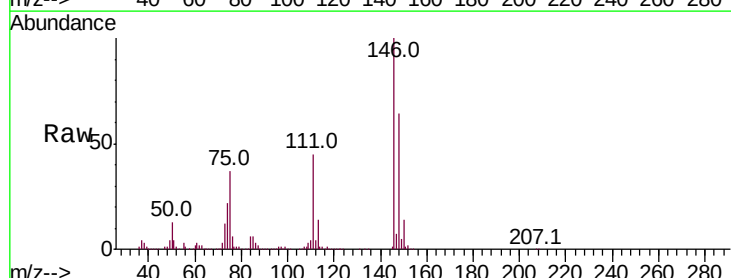
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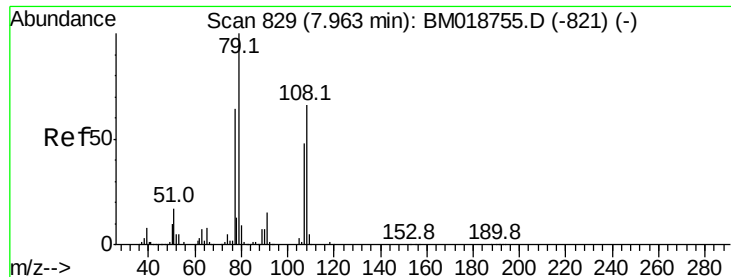
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#14
1,2-Dichlorobenzene
Concen: 42.263 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:146 Resp: 1582238
Ion Ratio Lower Upper
146 100
148 64.5 50.7 76.1
111 45.4 35.9 53.9





#15

Benzyl Alcohol

Concen: 47.616 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampled :

PB117349BSD

Tot Ion: 79 Resp: 1652887

Ion Ratio Lower Upper

79 100

108 68.1 52.7 79.1

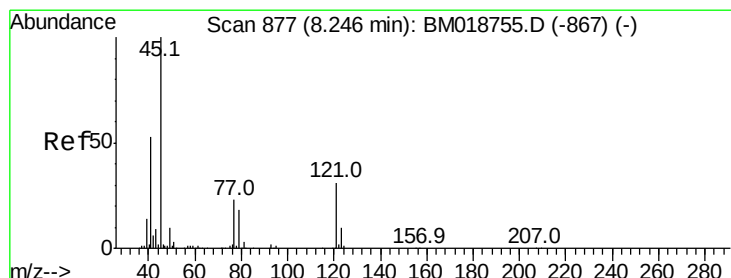
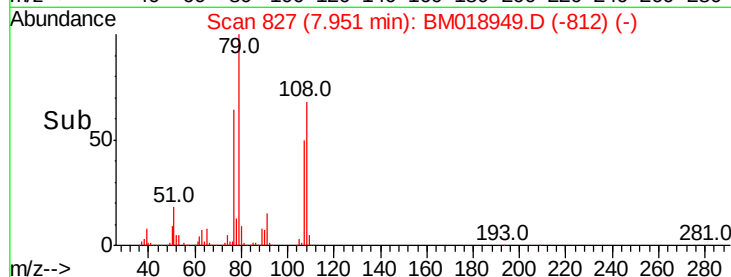
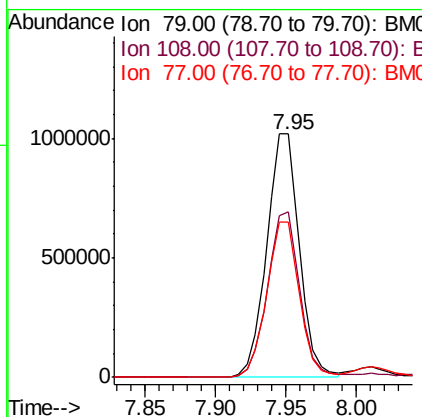
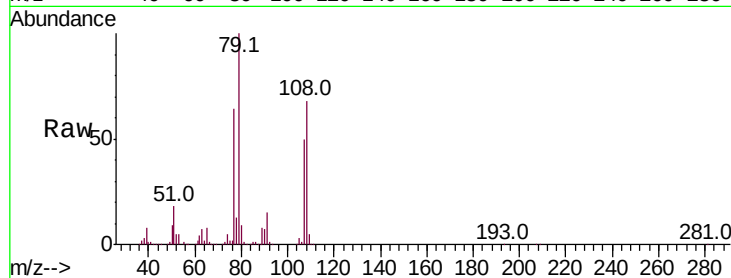
77 63.8 51.0 76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.895 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

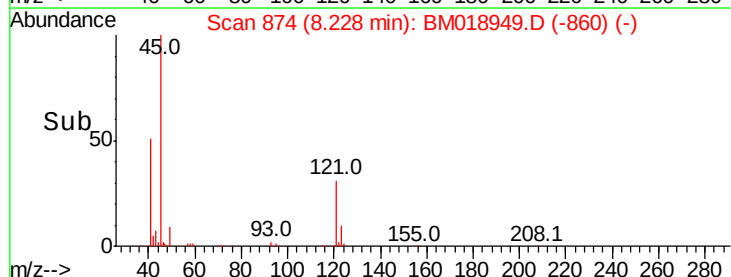
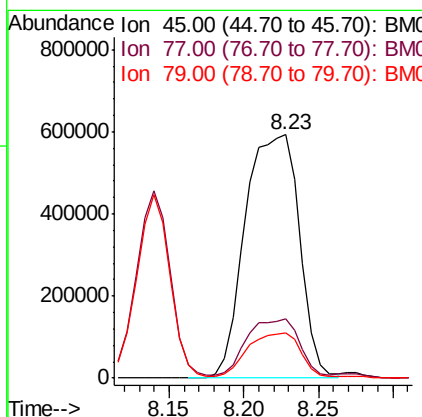
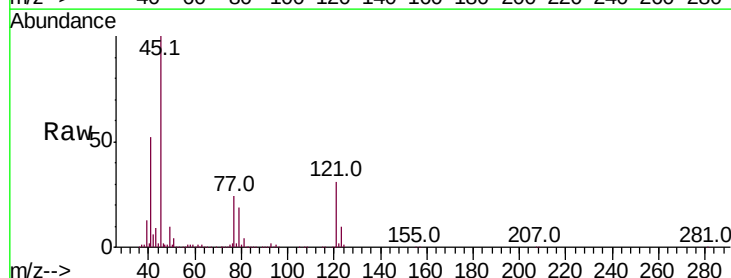
Tgt Ion: 45 Resp: 1489702

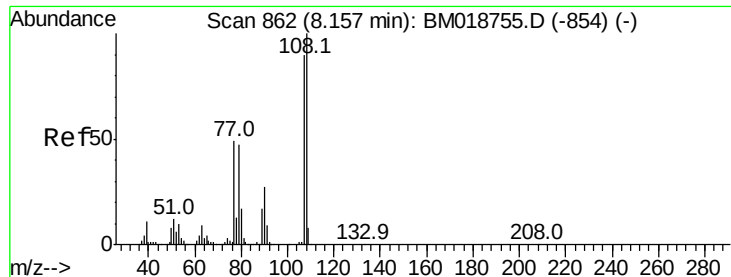
Ion Ratio Lower Upper

45 100

77 24.4 5.0 45.0

79 18.8 0.0 39.3





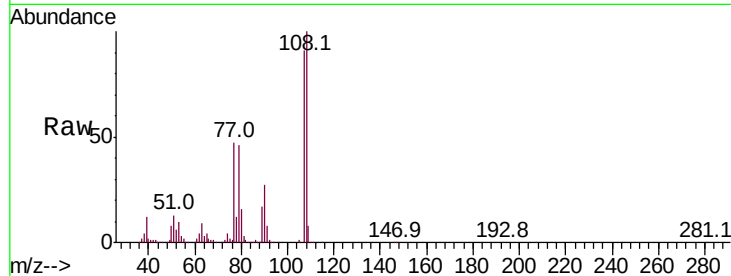
#17
2-Methylphenol
Concen: 46.504 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampled :
PB117349BSD

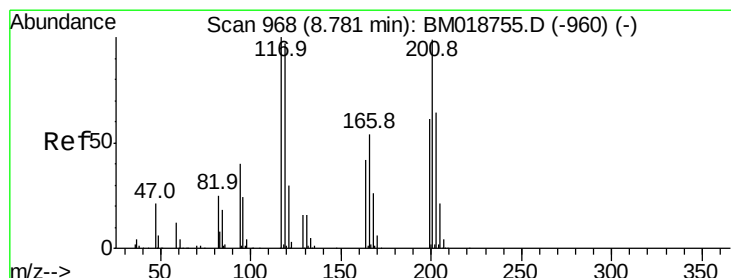
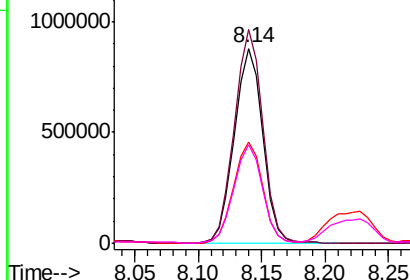
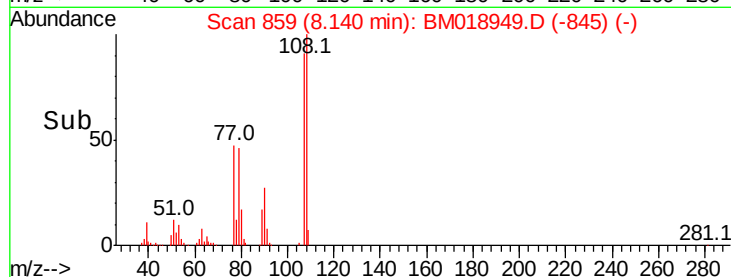
Tot Ion	107	Resp	1360551
Ion Ratio	Lower	Upper	
107	100		
108	109.8	88.8	133.2
77	52.0	44.0	66.0
79	50.8	42.4	63.6

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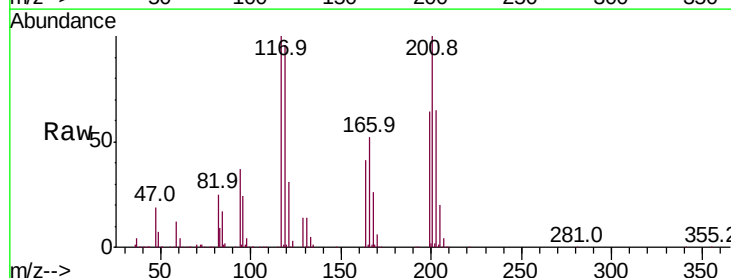


Abundance Ion 107.00 (106.70 to 107.70): E
1500000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

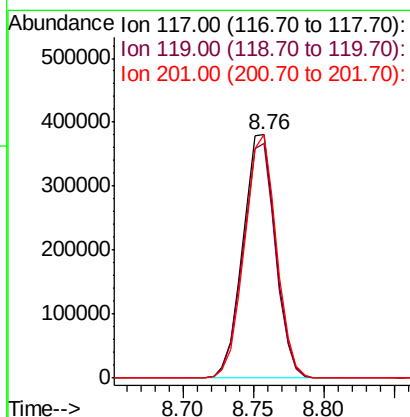
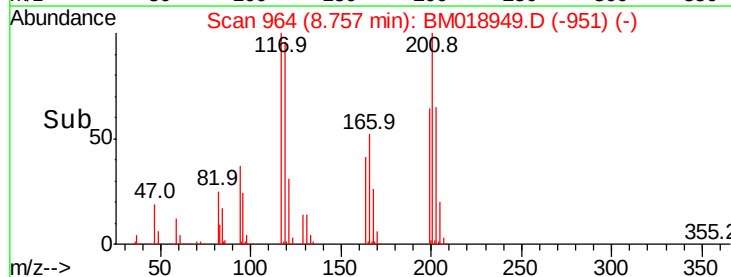


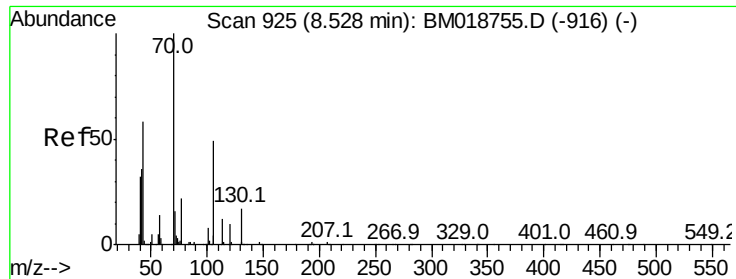
#18
Hexachloroethane
Concen: 43.543 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	117	Resp	619514
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.9	116.9
201	99.8	79.2	118.8



Abundance Ion 117.00 (116.70 to 117.70): E
500000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 45.364 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampled :

PB117349BSD

Tot Ion: 70 Resp: 1534452

Ion Ratio Lower Upper

70 100

42 37.4 29.4 44.0

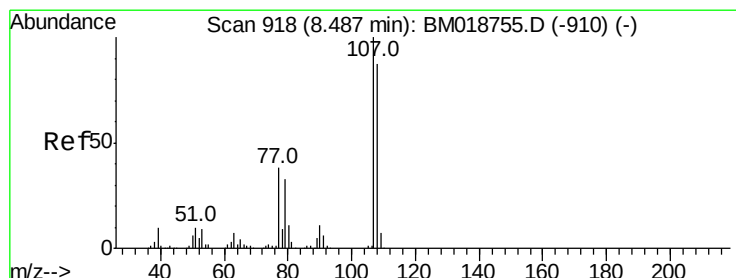
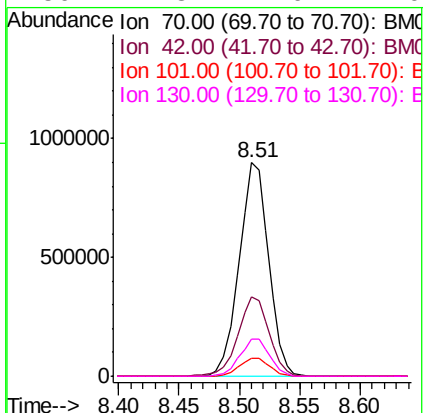
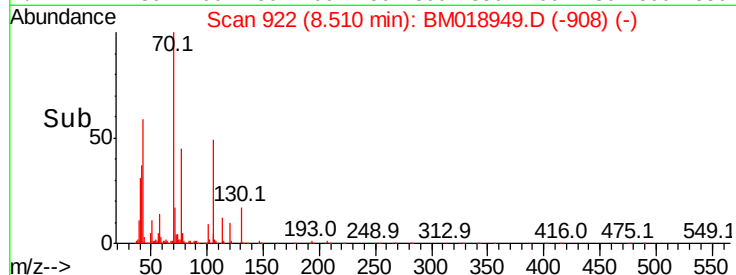
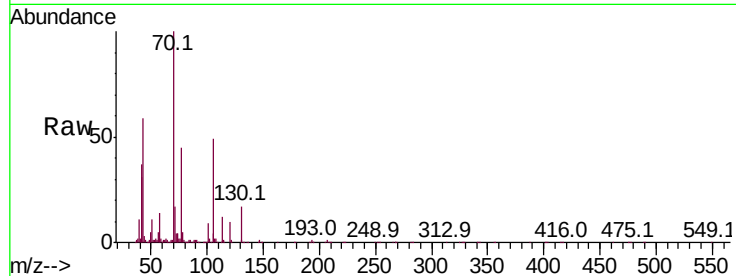
101 8.6 6.7 10.1

130 17.3 14.0 21.0

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#20

3+4-Methylphenols

Concen: 46.495 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion: 107 Resp: 1878364

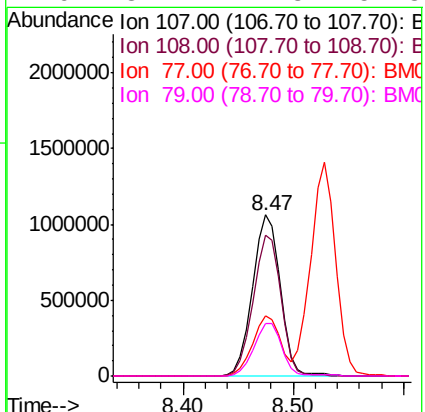
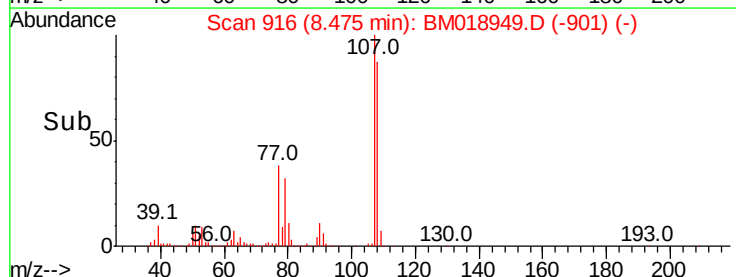
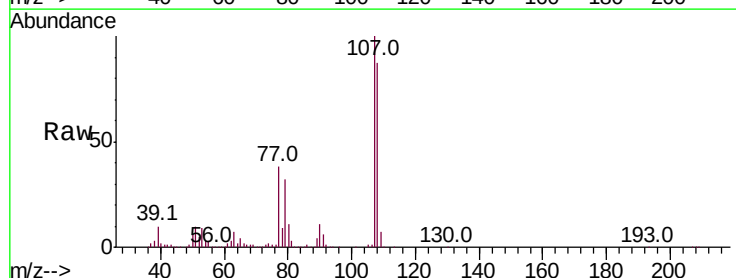
Ion Ratio Lower Upper

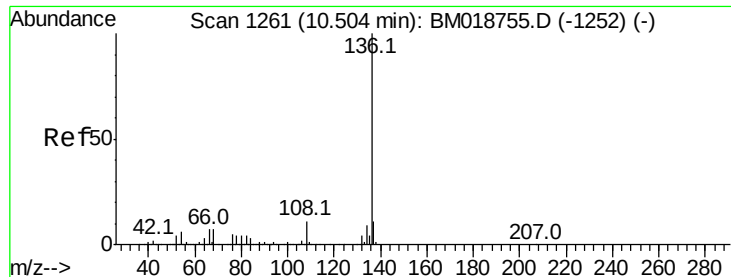
107 100

108 87.4 67.3 107.3

77 37.7 18.0 58.0

79 32.4 12.8 52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:136 Resp: 2265805

Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

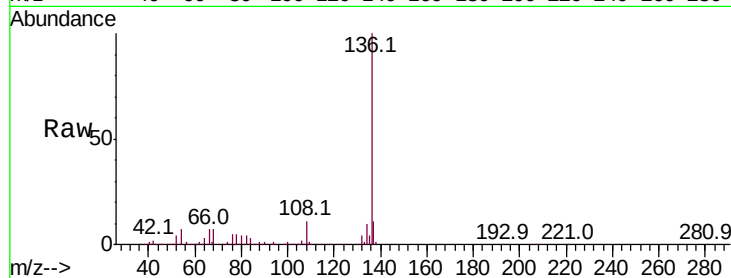
54 6.7 5.0 7.6

68 7.5 5.5 8.3

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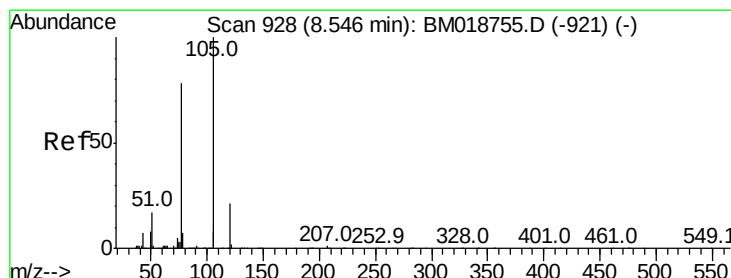
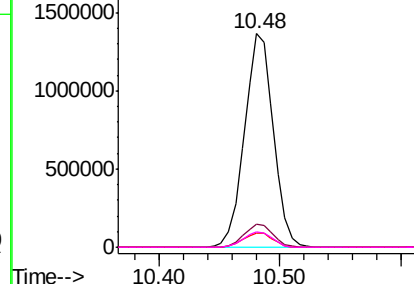
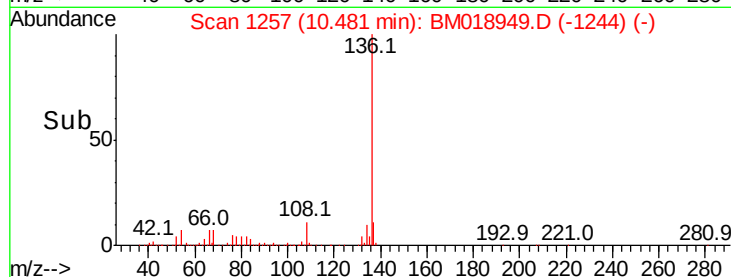
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.932 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion:105 Resp: 2546890

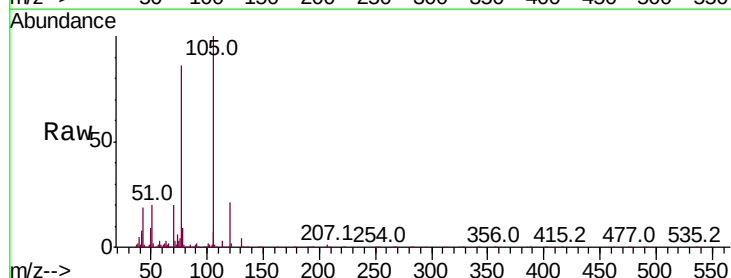
Ion Ratio Lower Upper

105 100

71 3.4 1.1 1.7#

51 19.7 15.5 23.3

120 20.9 17.0 25.4



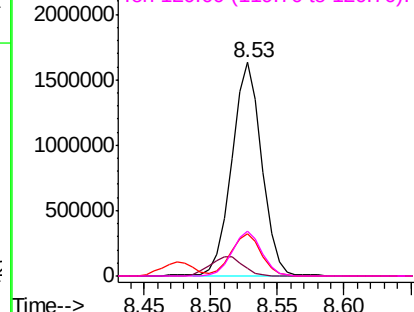
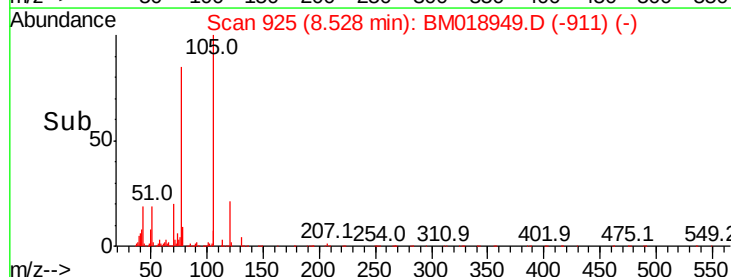
Abundance

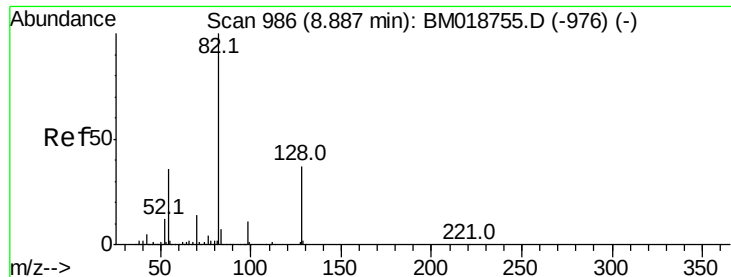
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





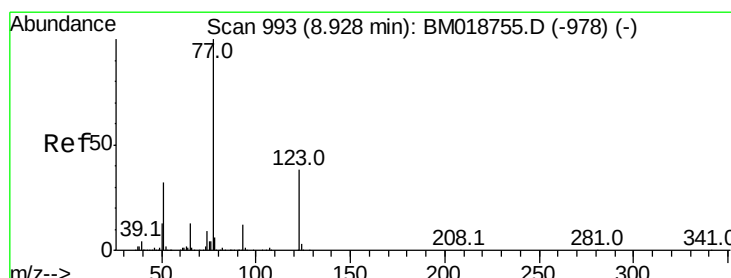
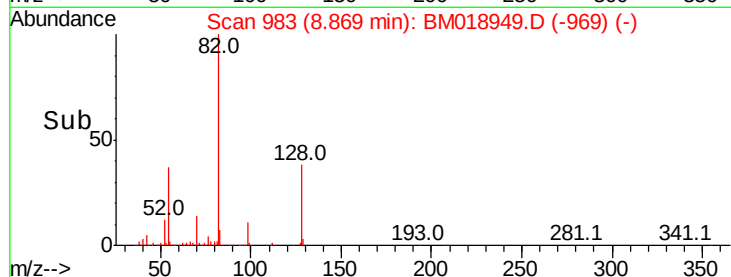
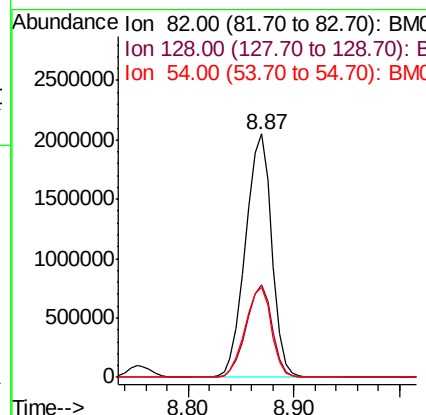
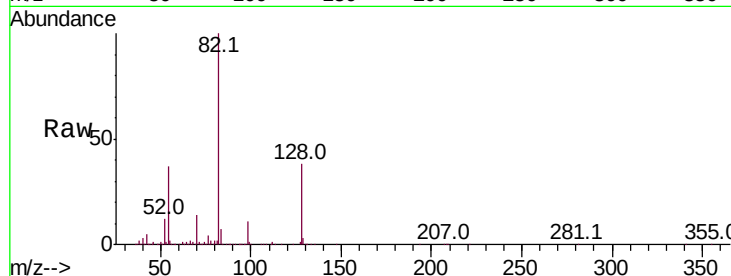
#23
 Nitrobenzene-d5
 Concen: 72.149 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampled :
 PB117349BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.9	44.9
54	36.9	29.1	43.7

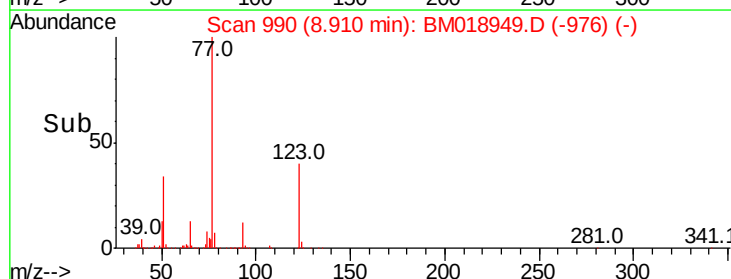
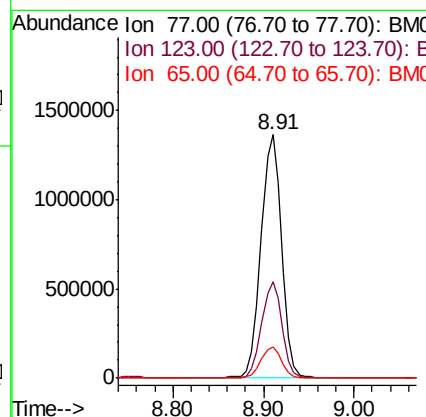
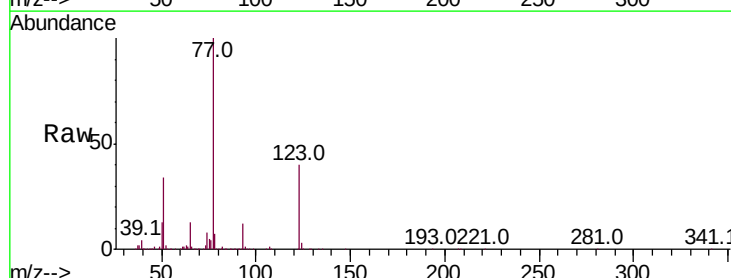
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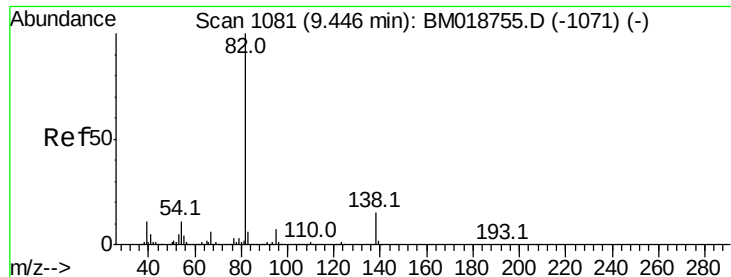
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#24
 Nitrobenzene
 Concen: 42.195 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	30.7	46.1
65	12.9	10.5	15.7





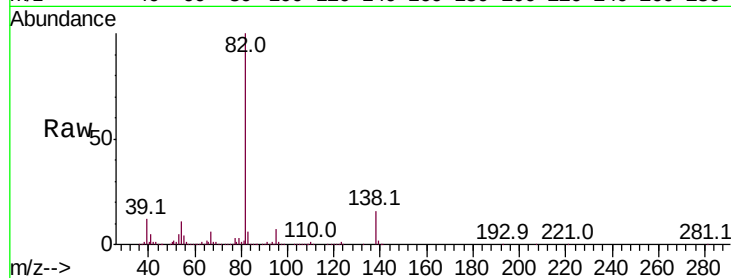
#25
Isophorone
Concen: 49.557 ng
RT: 9.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

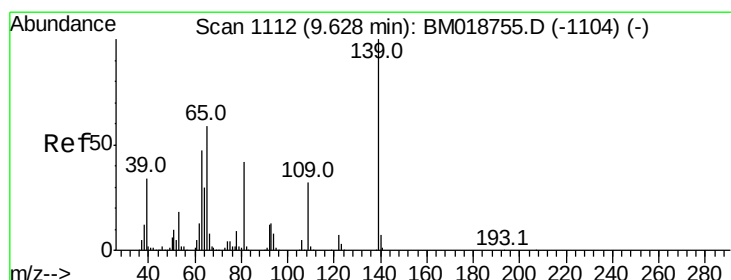
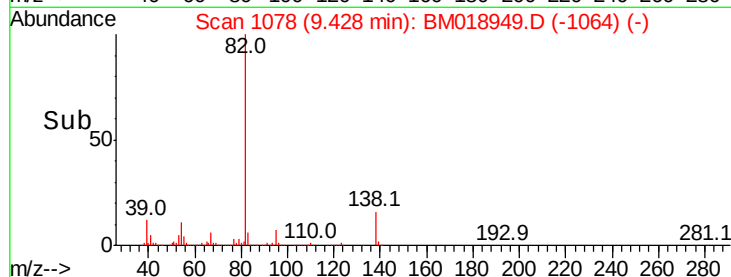
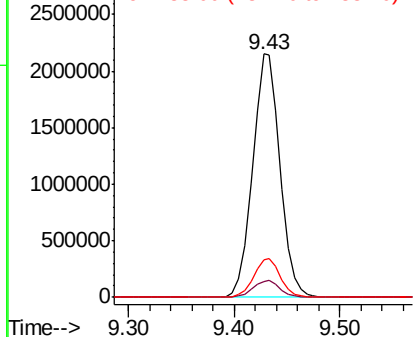
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	15.5	12.3	18.5

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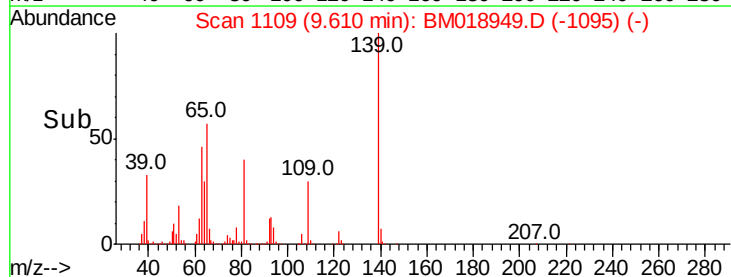
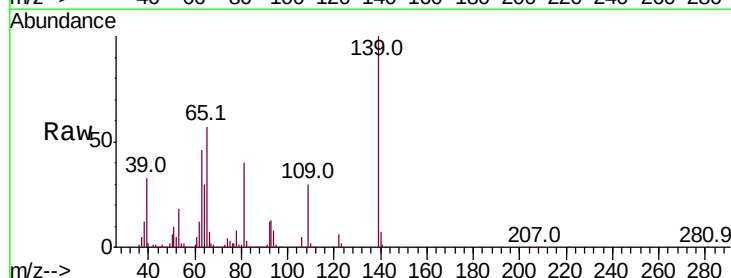
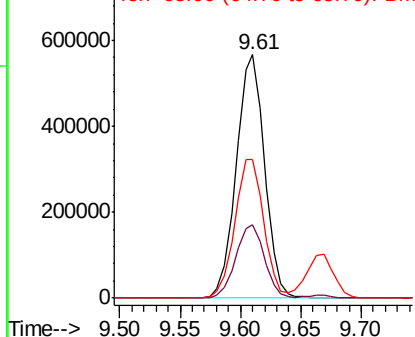
Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)
Ion 95.00 (94.70 to 95.70): BM018949.D (-1064) (-)
Ion 138.00 (137.70 to 138.70): BM018949.D (-1064) (-)

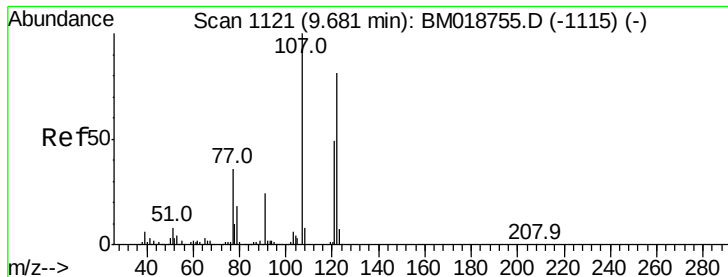


#26
2-Nitrophenol
Concen: 45.790 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.4	25.2	37.8
65	56.7	47.0	70.4

Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)
Ion 109.00 (108.70 to 109.70): BM018949.D (-1095) (-)
Ion 65.00 (64.70 to 65.70): BM018949.D (-1095) (-)





#27

2,4-Dimethylphenol

Concen: 45.443 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

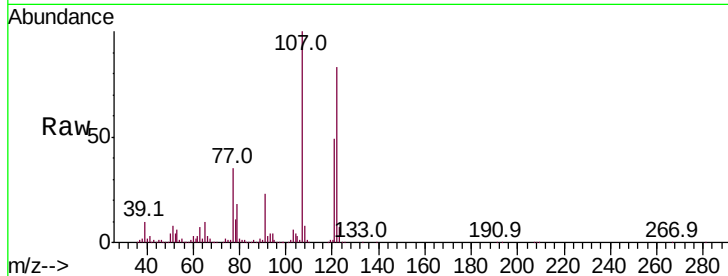
ClientSampled :

PB117349BSD

Tot Ion:	122	Resp:	1344457
Ion	Ratio	Lower	Upper
122	100		
107	120.9	97.6	146.4
121	59.0	47.9	71.9

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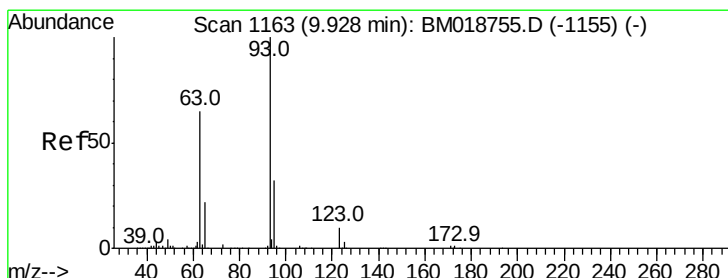
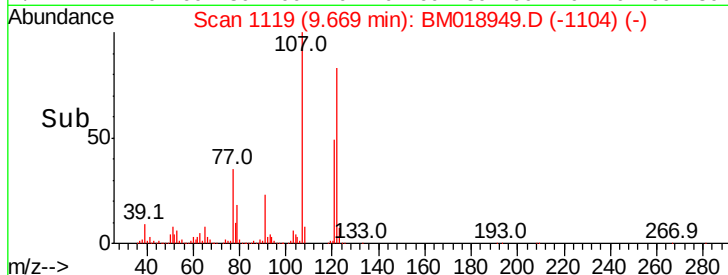
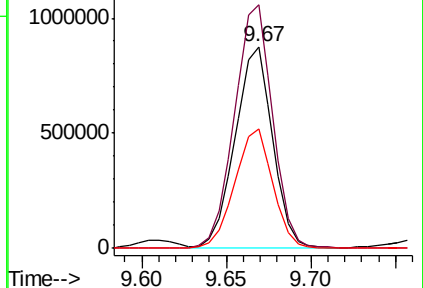
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.337 ng

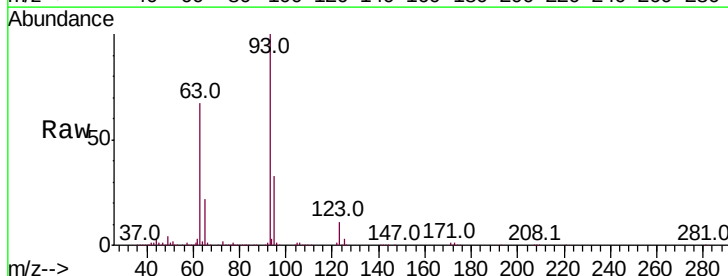
RT: 9.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

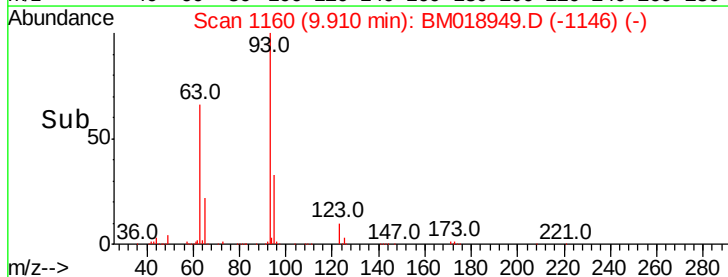
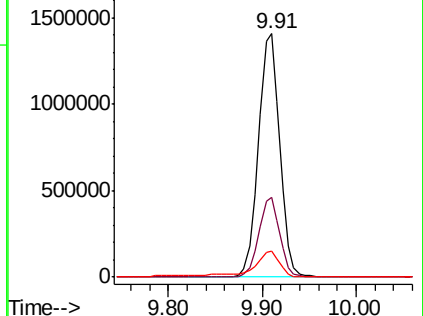
Tgt Ion:	93	Resp:	2191151
Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.6	38.4
123	10.6	8.2	12.4

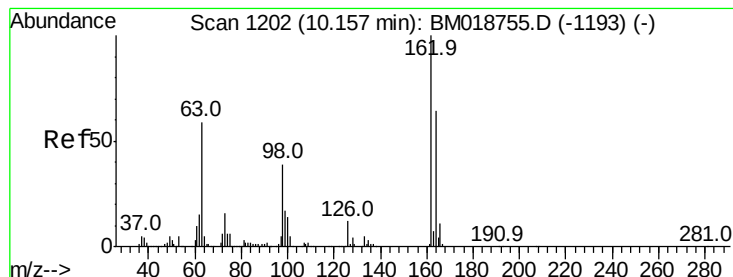


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.523 ng

RT: 10.14 min Scan# 1199

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:162 Resp: 1512485

Ion Ratio Lower Upper

162 100

164 65.2 44.1 84.1

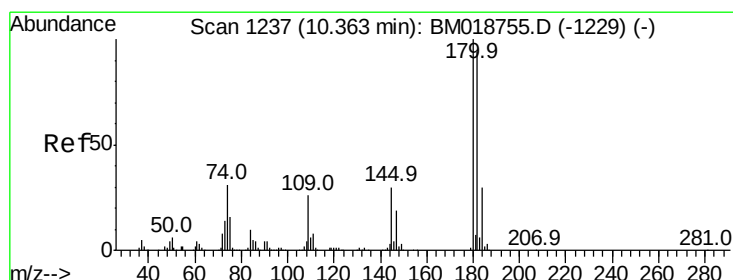
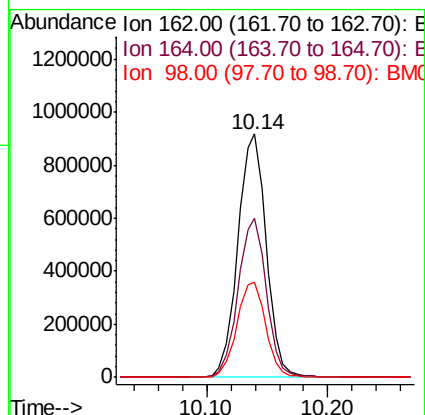
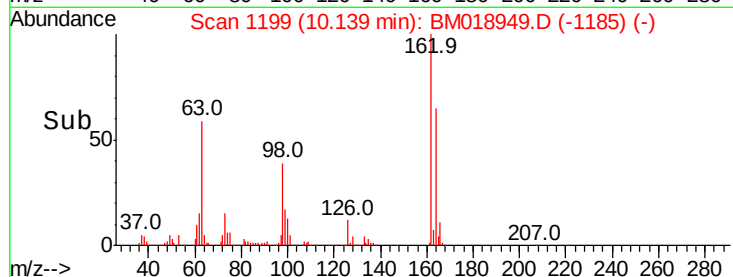
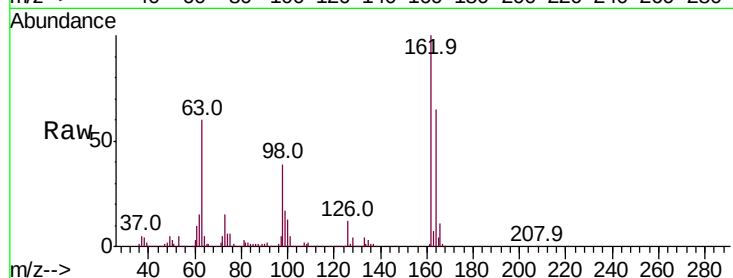
98 39.1 19.4 59.4

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#30

1,2,4-Trichlorobenzene

Concen: 41.707 ng

RT: 10.35 min Scan# 1234

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

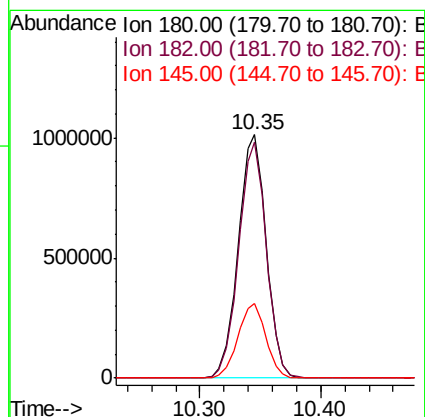
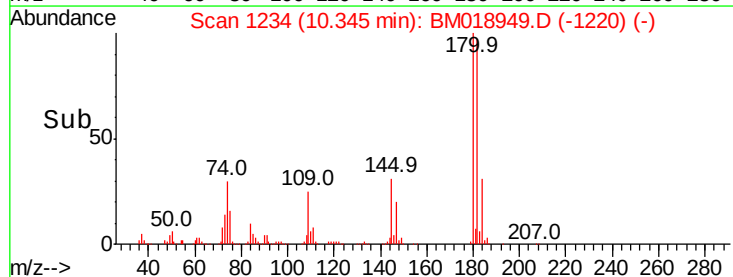
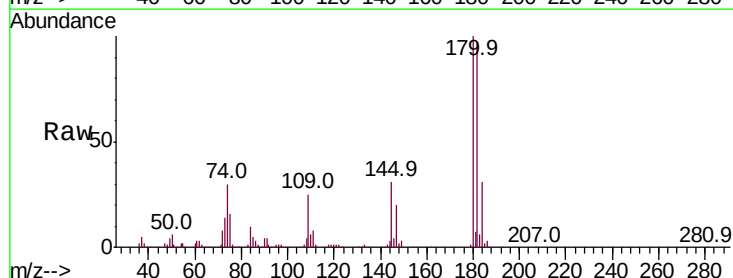
Tgt Ion:180 Resp: 1636217

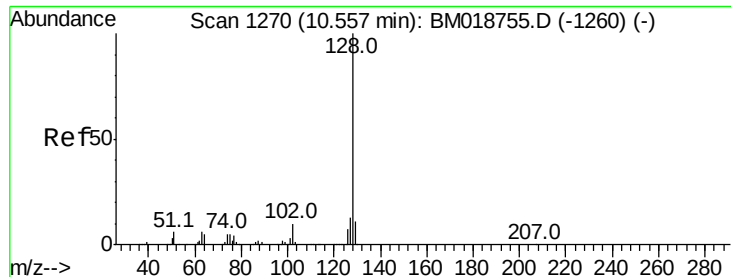
Ion Ratio Lower Upper

180 100

182 96.8 75.0 112.6

145 30.6 24.1 36.1





#31

Naphthalene

Concen: 44.675 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:128 Resp: 4936791

Ion Ratio Lower Upper

128 100

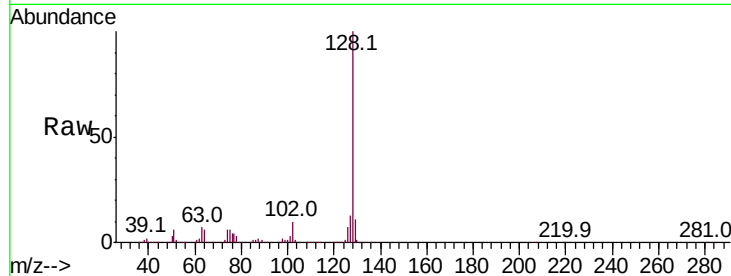
129 11.1 9.0 13.4

127 13.4 10.7 16.1

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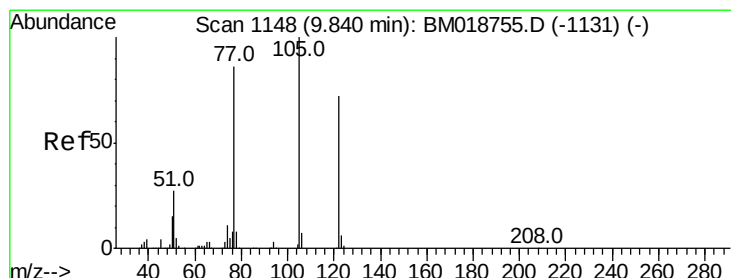
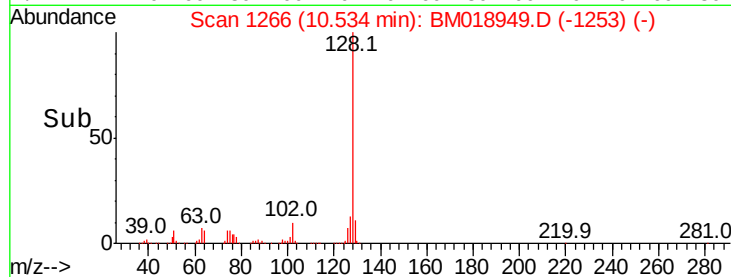
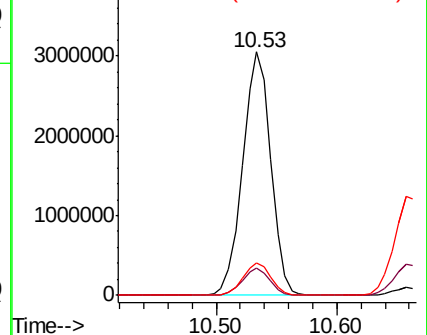


Abundance

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: 48.081 ng m

RT: 9.89 min Scan# 1156

Delta R.T. 0.05 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

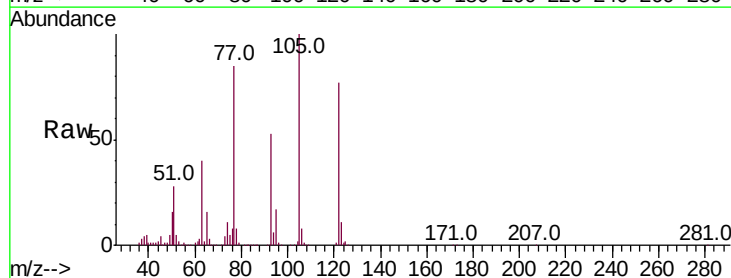
Tgt Ion:122 Resp: 1240851

Ion Ratio Lower Upper

122 100

105 130.1 117.5 157.5

77 110.1 98.5 138.5

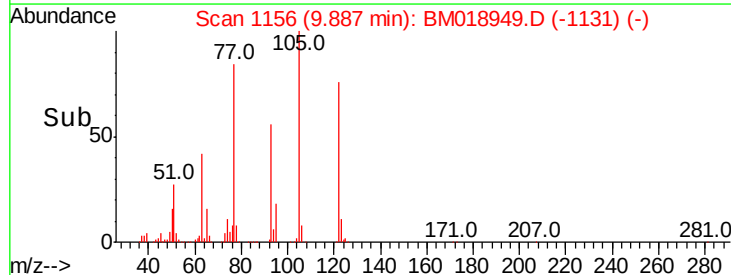
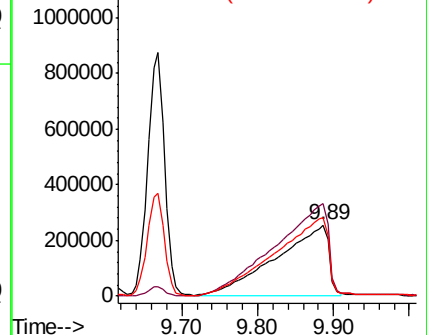


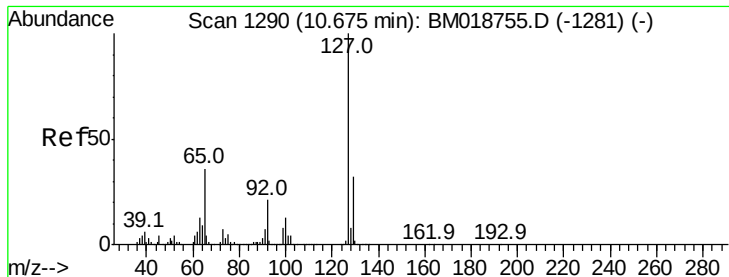
Abundance

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





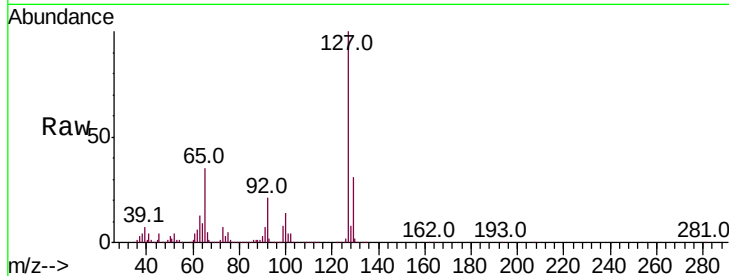
#33
4-Chloroaniline
Concen: 43.237 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	35.1	28.7	43.1
92	20.8	17.0	25.4

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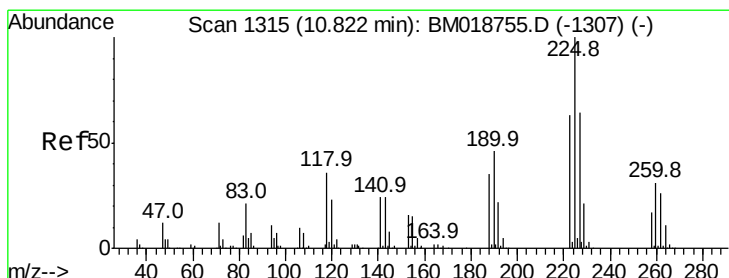
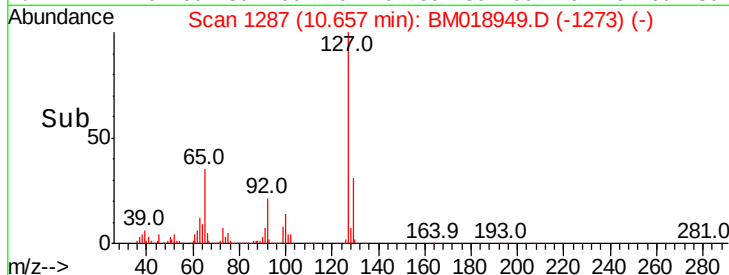
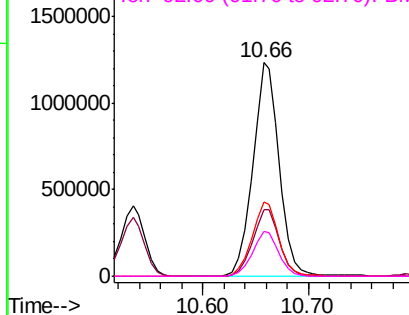
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 39.196 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

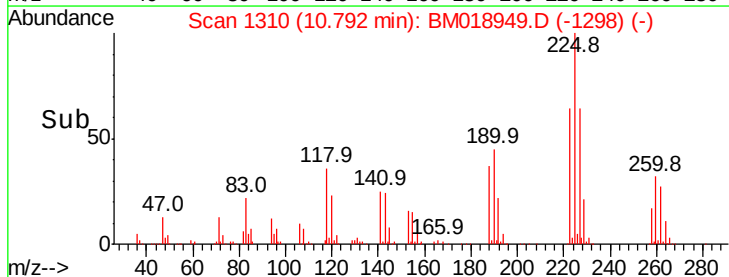
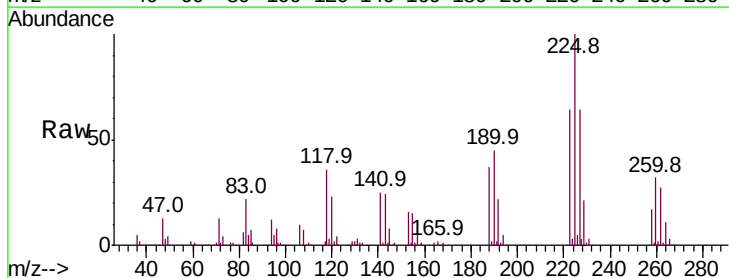
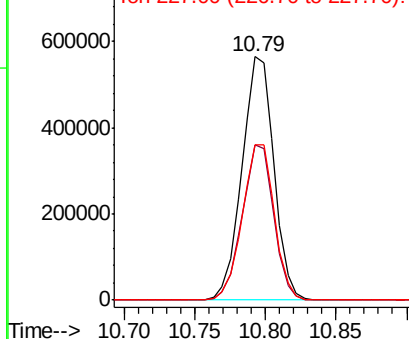
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.1	75.1
227	64.0	51.4	77.0

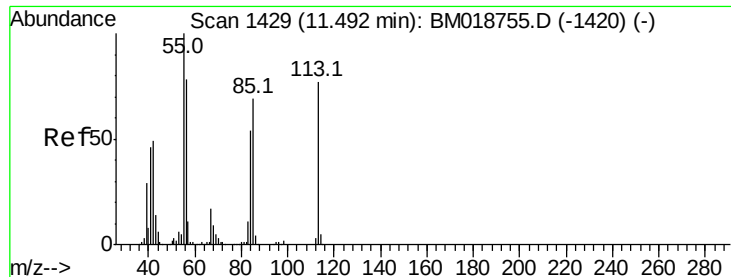
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.213 ng/mL

RT: 11.51 min Scan# 1432

Delta R.T. 0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

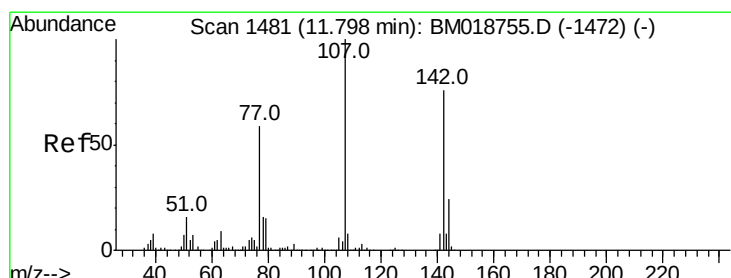
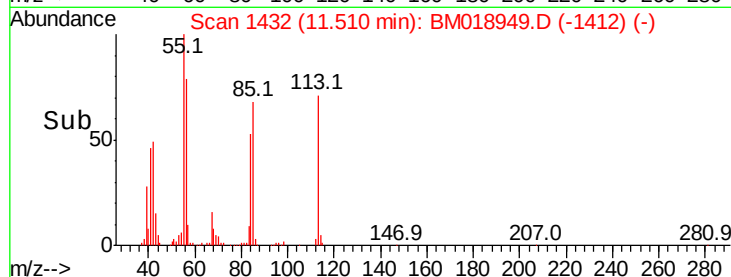
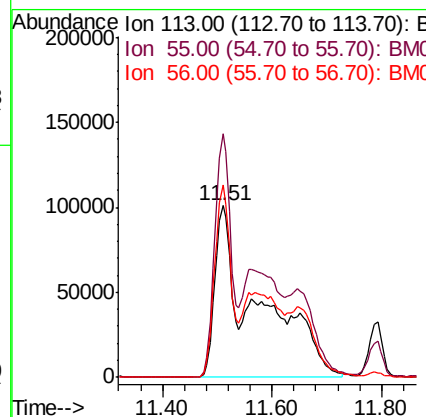
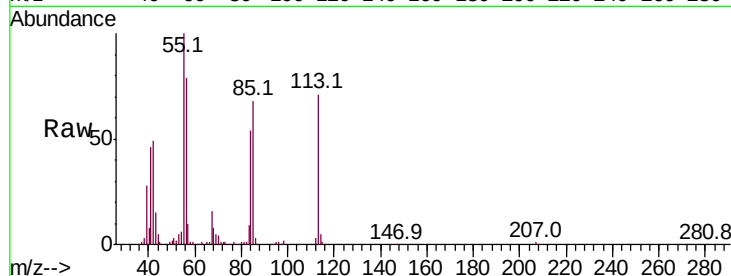
ClientSampleId :

PB117349BSD

Tot Ion:	113	Resp:	543646
Ion Ratio	Lower	Upper	
113	100		
55	141.6	110.7	150.7
56	111.7	82.4	122.4

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#36

4-Chloro-3-methylphenol

Concen: 43.373 ng/mL

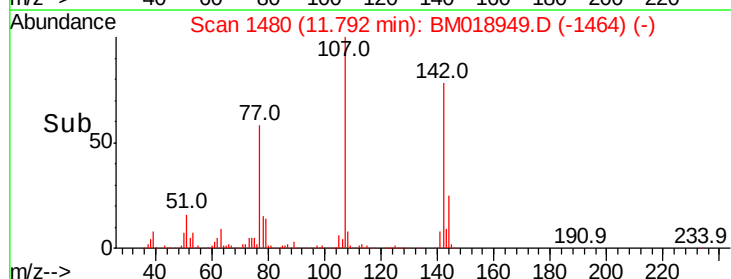
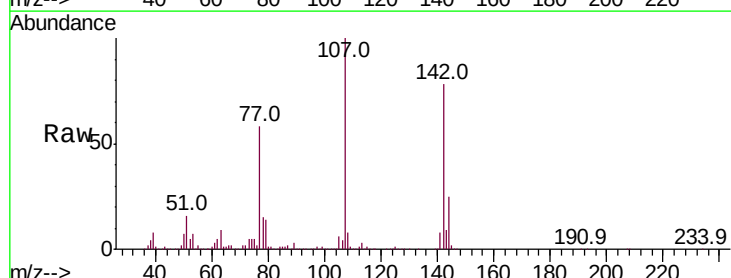
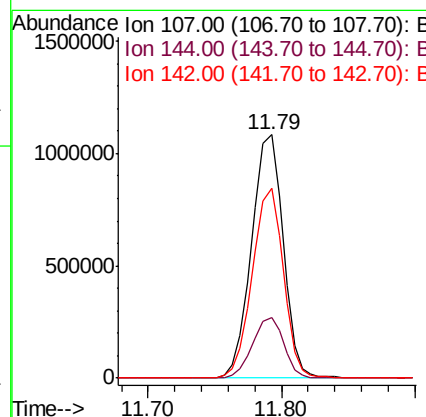
RT: 11.79 min Scan# 1480

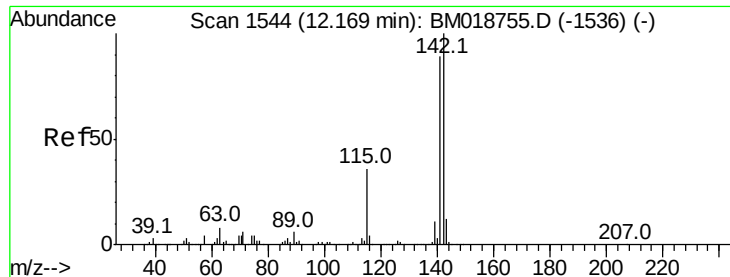
Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion:	107	Resp:	1776468
Ion Ratio	Lower	Upper	
107	100		
144	25.1	19.3	28.9
142	77.8	60.5	90.7





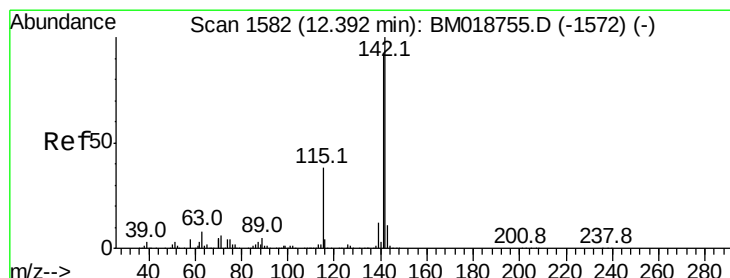
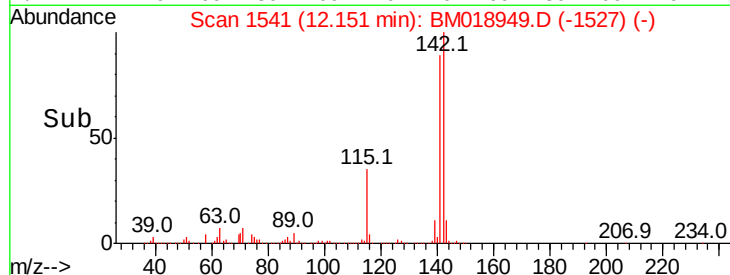
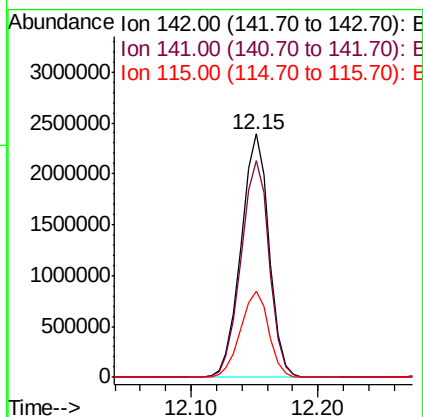
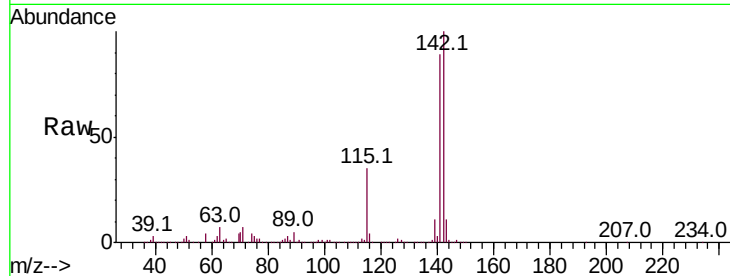
#37
2-Methylnaphthalene
Concen: 46.963 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8
115	35.3	29.1	43.7

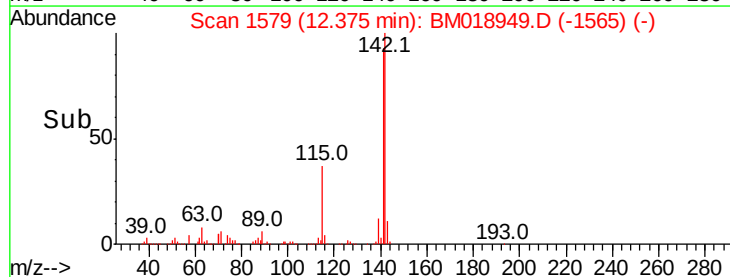
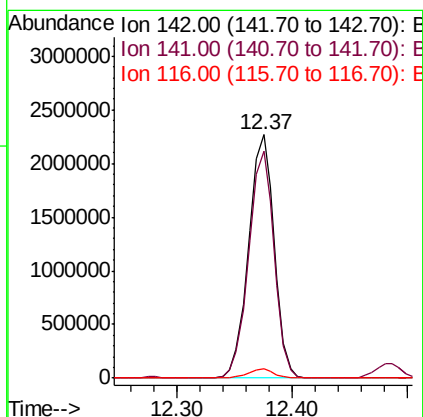
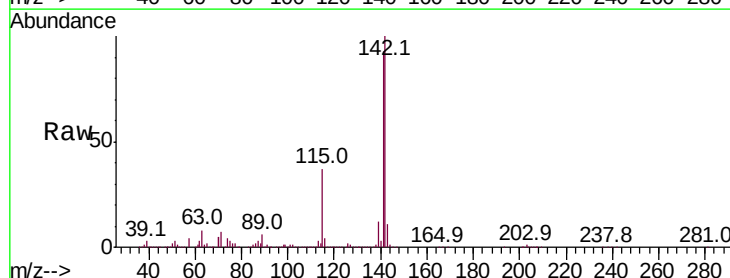
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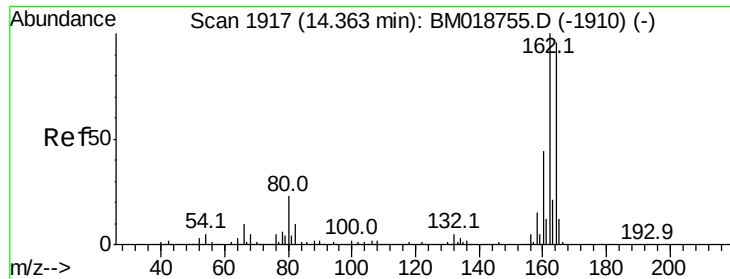
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#38
1-Methylnaphthalene
Concen: 45.814 ng
RT: 12.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:164 Resp: 1297192

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

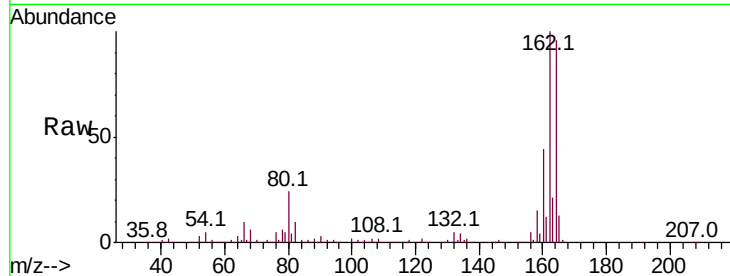
160 45.8 36.6 55.0

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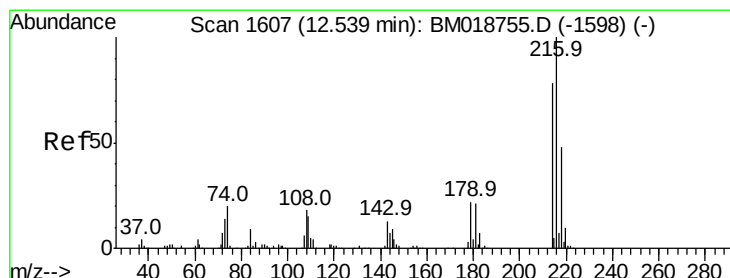
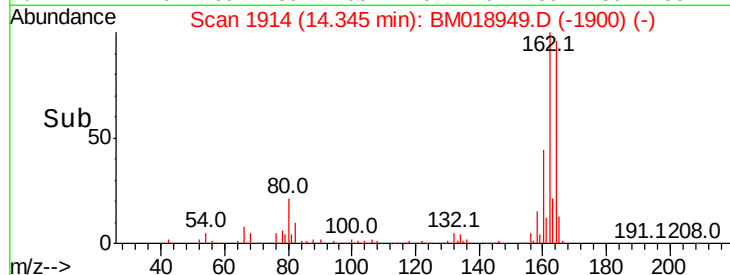
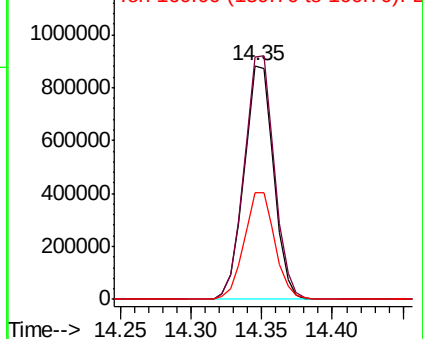


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.343 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion:216 Resp: 1757064

Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 22.6 17.8 26.8

108 21.9 16.4 24.6

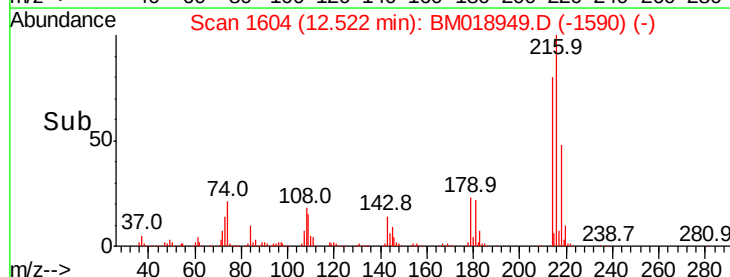
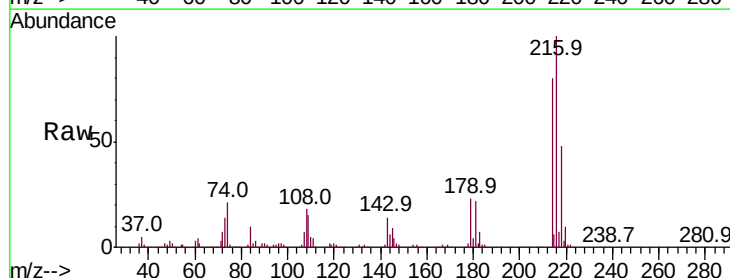
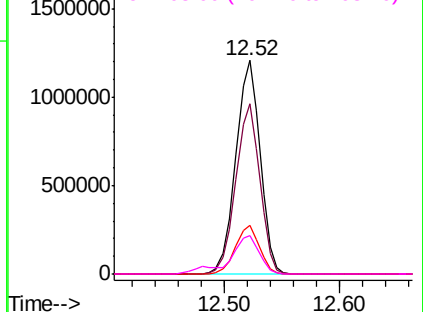
Abundance

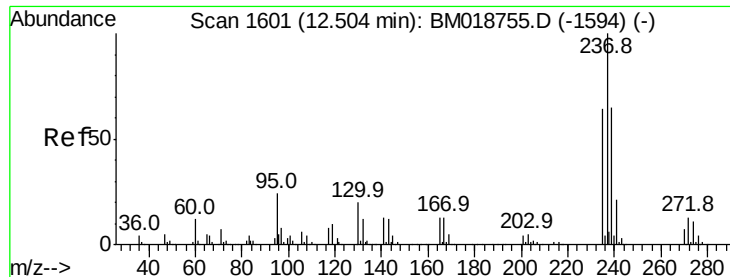
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.171 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:237 Resp: 1764538

Ion Ratio Lower Upper

237 100

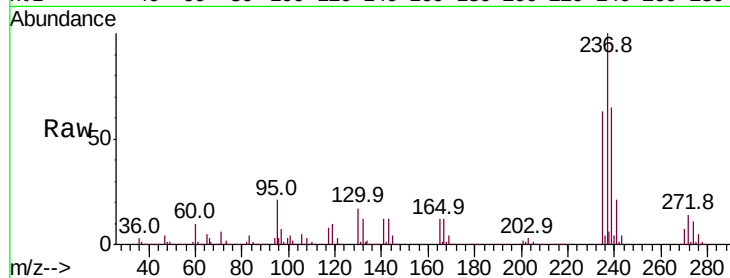
235 62.9 43.7 83.7

272 14.0 0.0 33.3

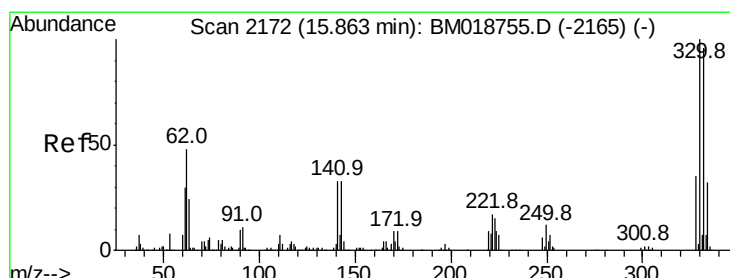
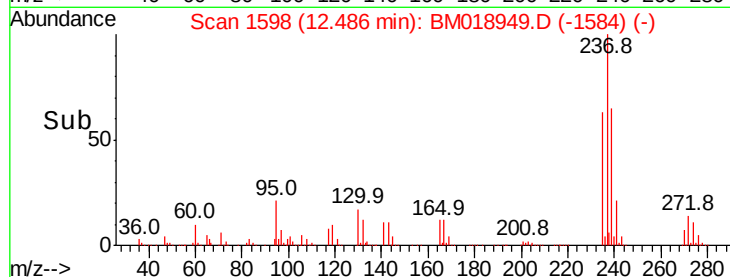
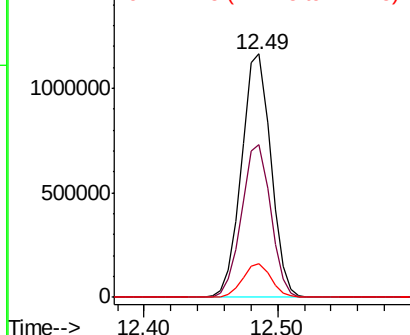
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 166.275 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

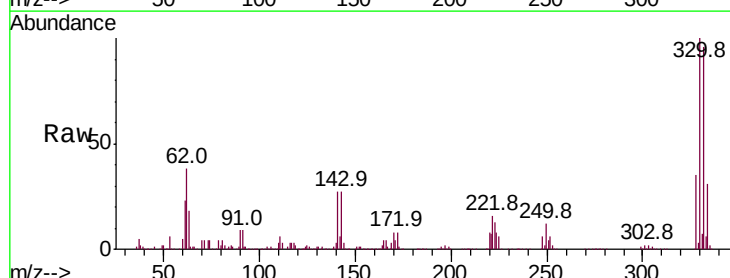
Tgt Ion:330 Resp: 3109126

Ion Ratio Lower Upper

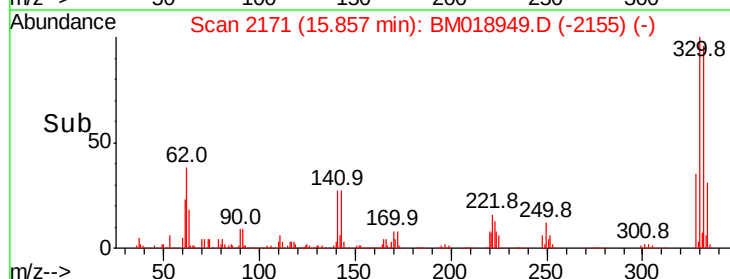
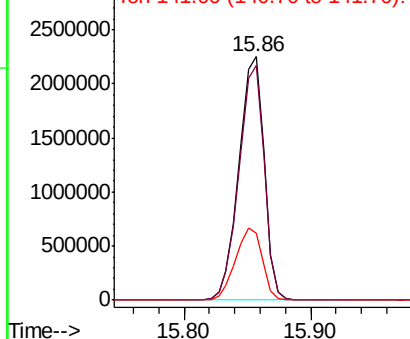
330 100

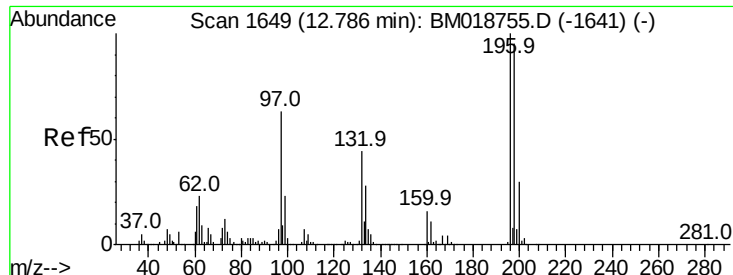
332 96.3 76.9 115.3

141 31.3 28.7 43.1



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





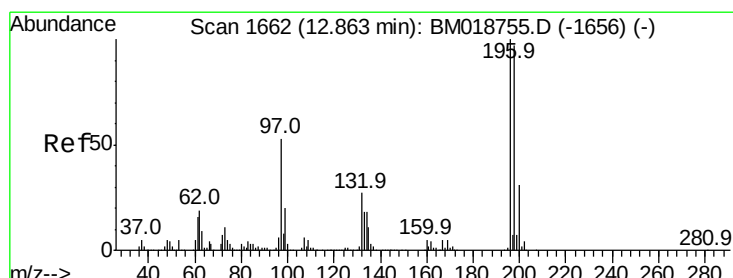
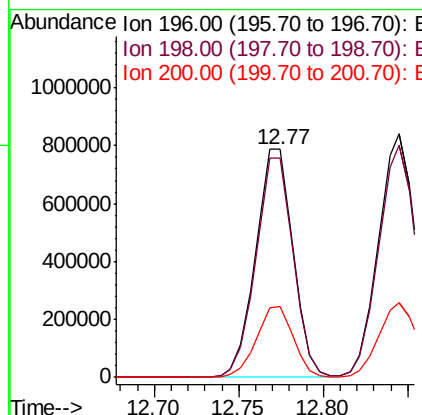
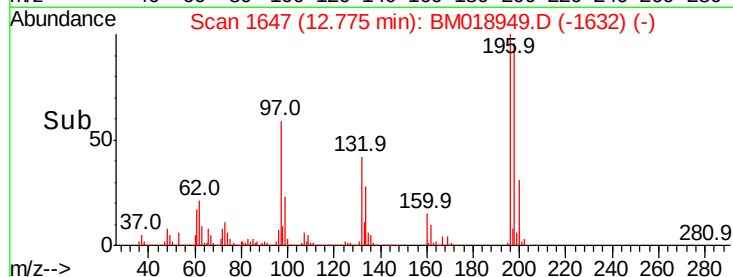
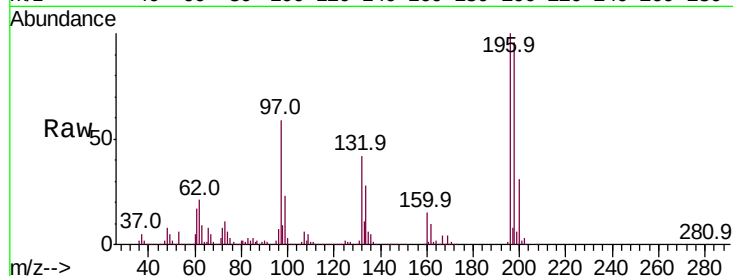
#43
 2,4,6-Trichlorophenol
 Concen: 44.363 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampled :
 PB117349BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
200	31.1	24.2	36.2

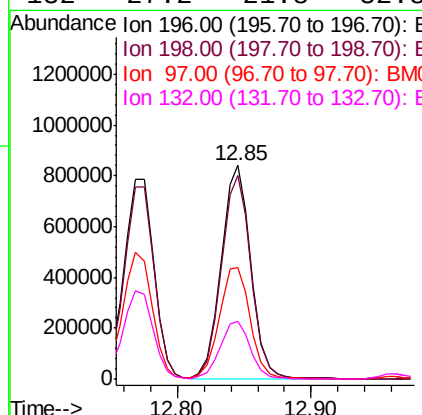
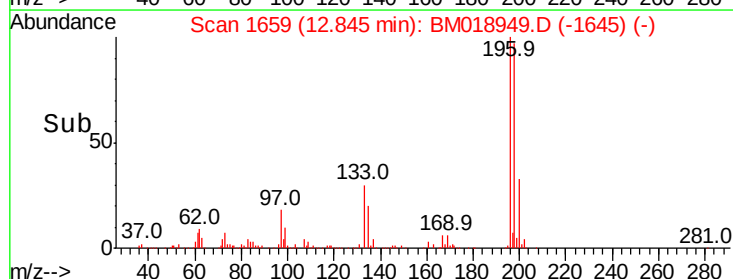
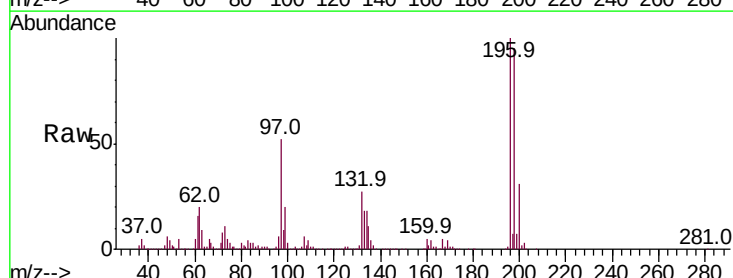
Manual Integrations
 APPROVED

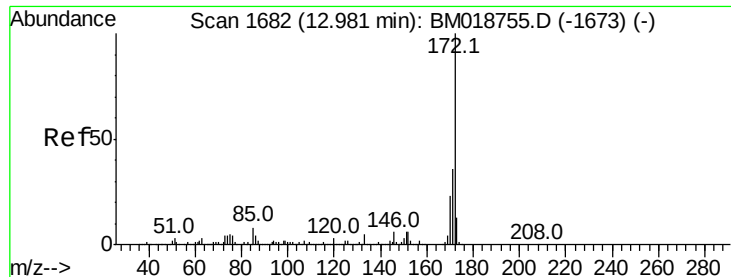
Sohil
 2/28/2019 1:33:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.204 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.6	116.4
97	52.1	42.8	64.2
132	27.2	21.8	32.8





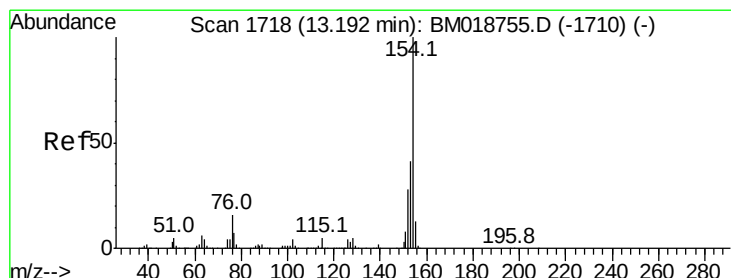
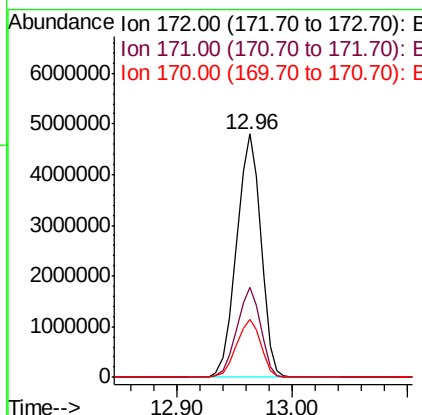
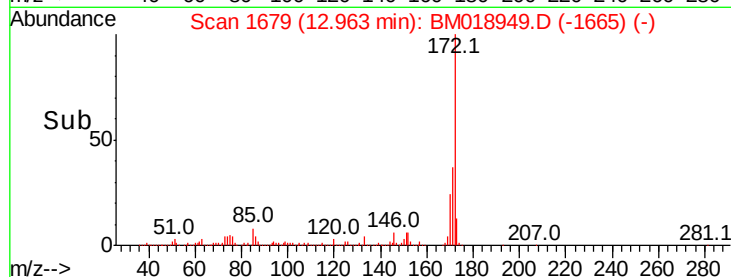
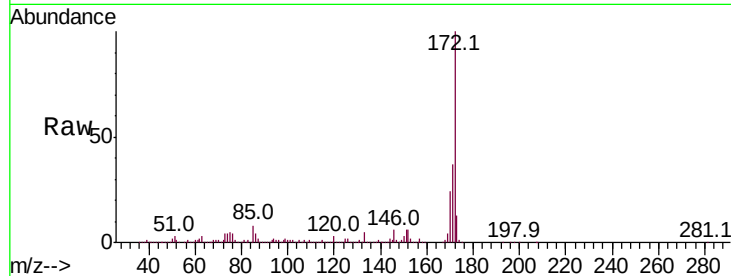
#45
2-Fluorobiphenyl
Concen: 71.500 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion:172 Resp: 6986916
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 23.9 18.6 28.0

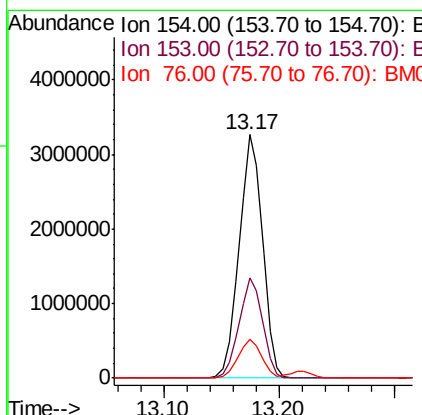
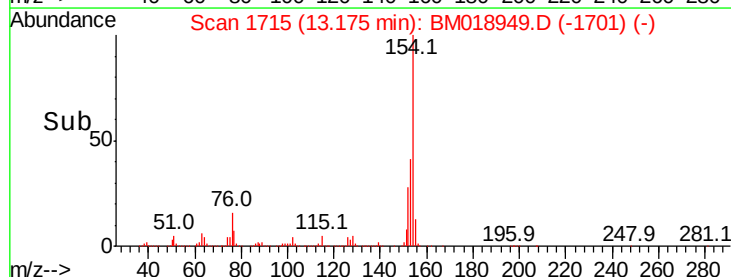
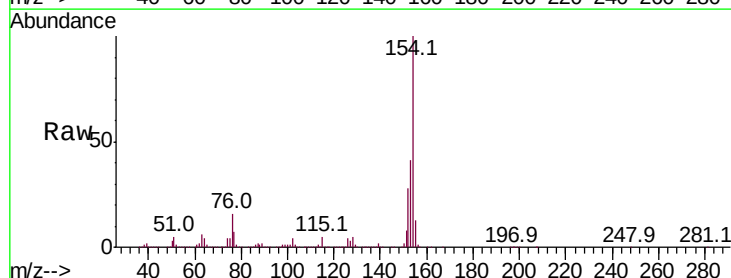
Manual Integrations
APPROVED

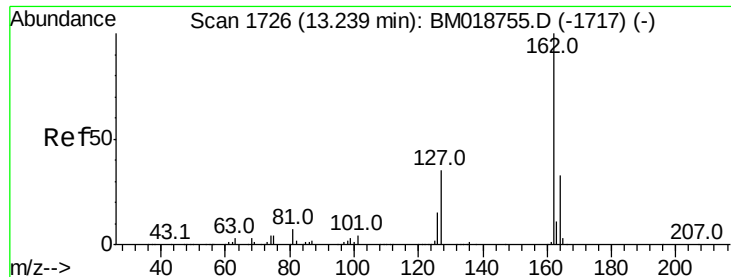
Sohil
2/28/2019 1:33:21 PM



#46
1,1'-Biphenyl
Concen: 41.006 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:154 Resp: 4578733
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 16.2 0.0 35.7





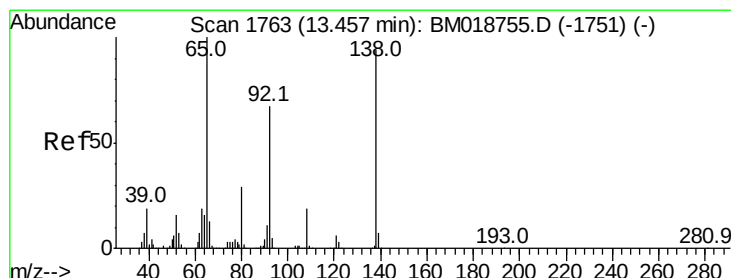
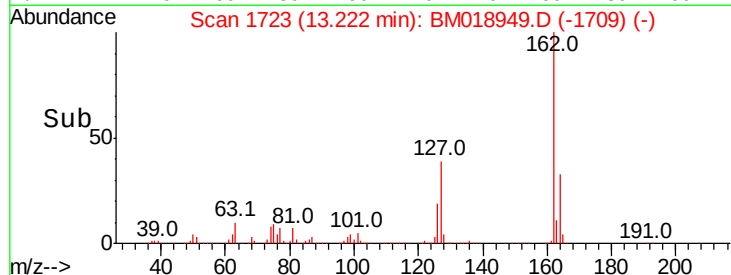
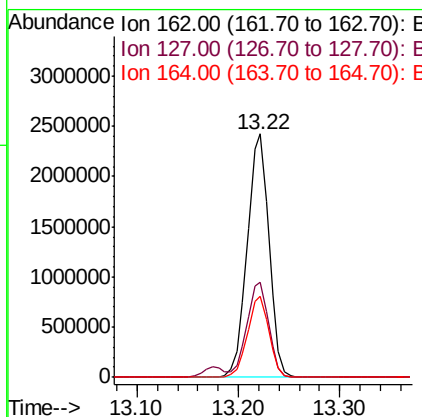
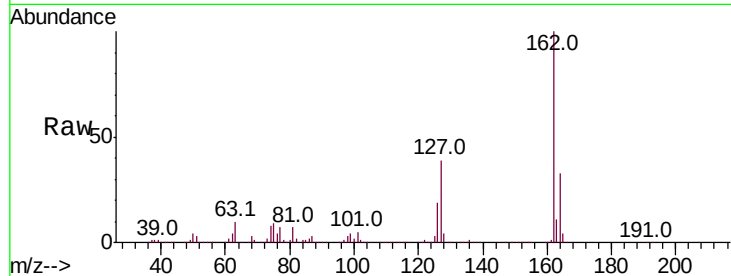
#47
2-Chloronaphthalene
Concen: 41.708 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.1	46.7
164	33.2	26.4	39.6

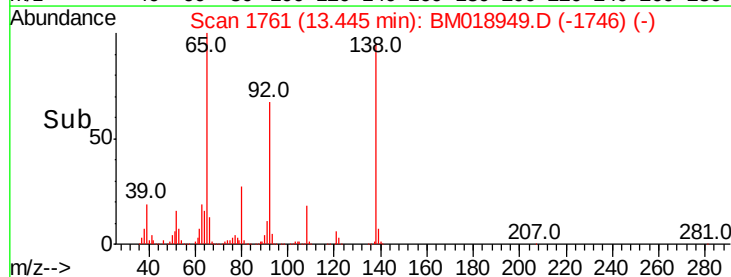
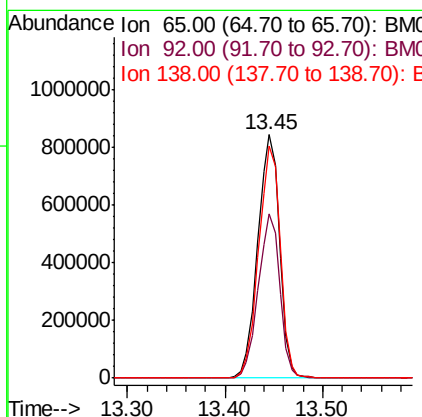
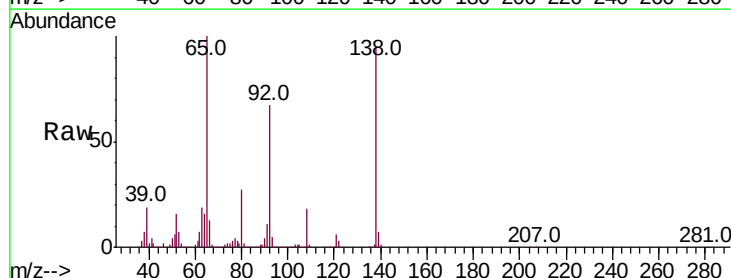
Manual Integrations
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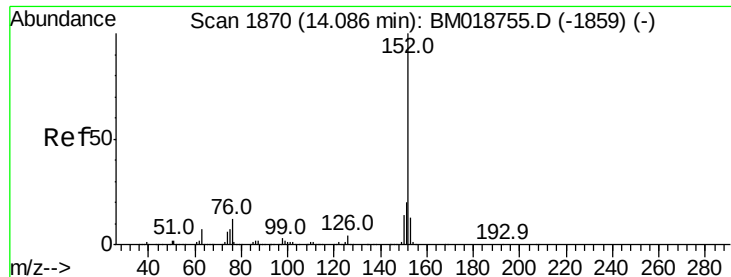
Sohil
2/28/2019 1:33:21 PM



#48
2-Nitroaniline
Concen: 46.279 ng
RT: 13.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.0	81.0
138	95.5	74.9	112.3





#49

Acenaphthylene

Concen: 44.415 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:152 Resp: 5703746

Ion Ratio Lower Upper

152 100

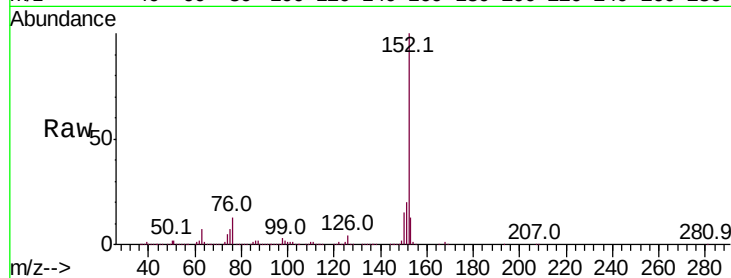
151 20.3 15.8 23.8

153 13.2 10.5 15.7

Manual Integrations
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Sohil

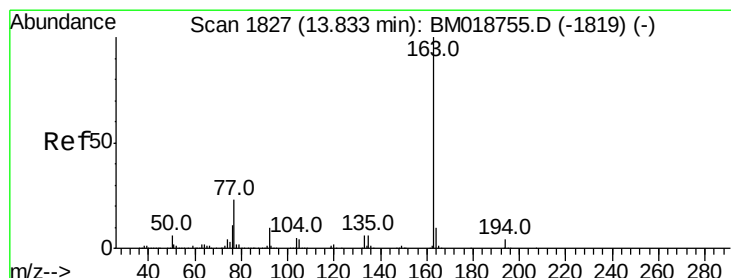
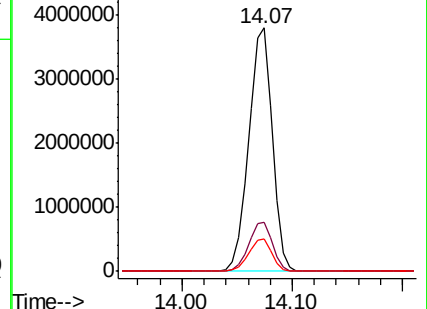
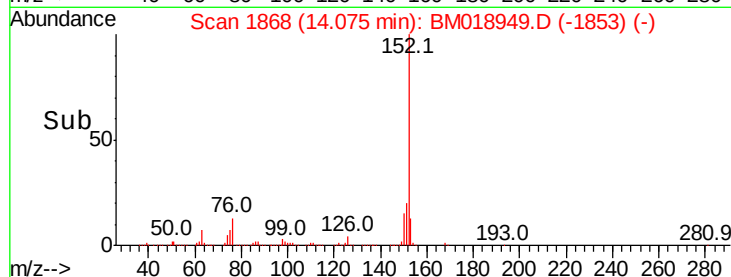
2/28/2019 1:33:21 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.834 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

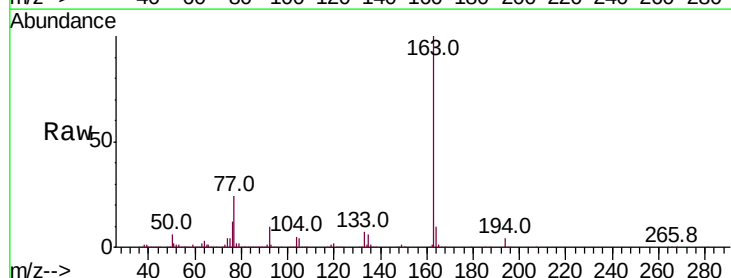
Tgt Ion:163 Resp: 4522547

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

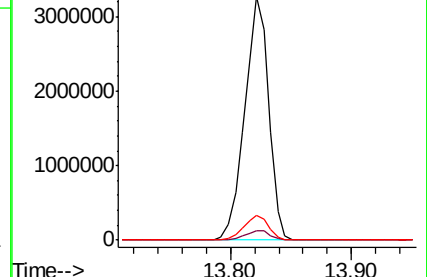
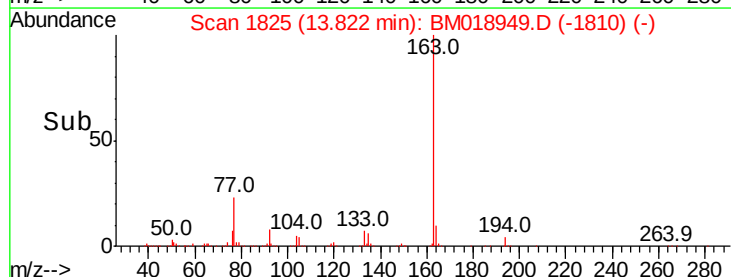
164 10.1 7.8 11.8

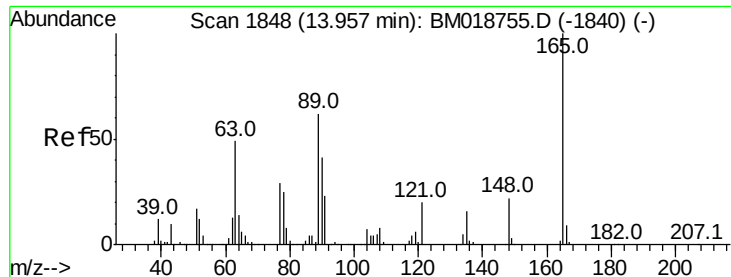


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





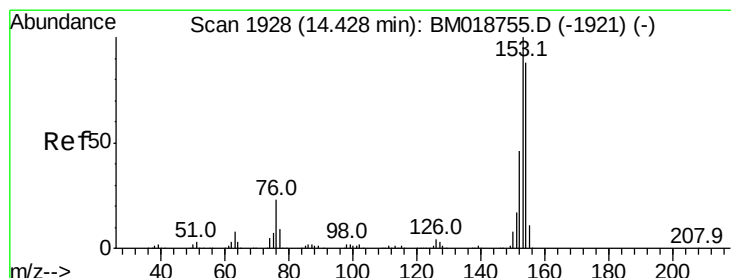
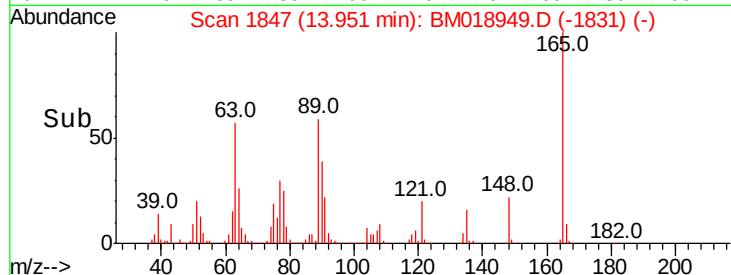
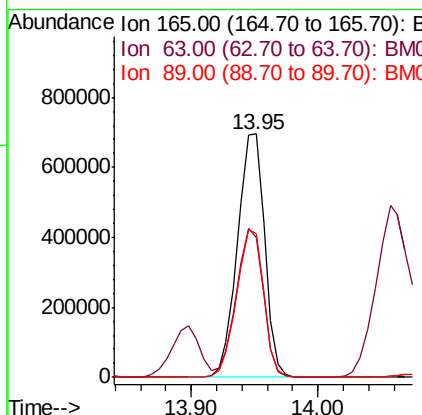
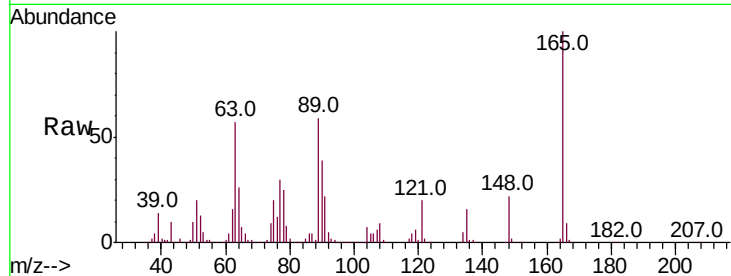
#51
2,6-Dinitrotoluene
Concen: 43.985 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampled :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	48.9	73.3
89	59.1	49.4	74.0

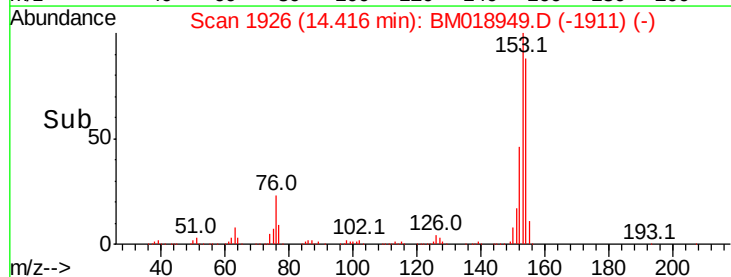
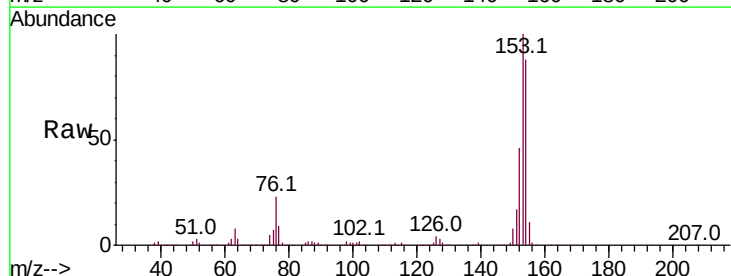
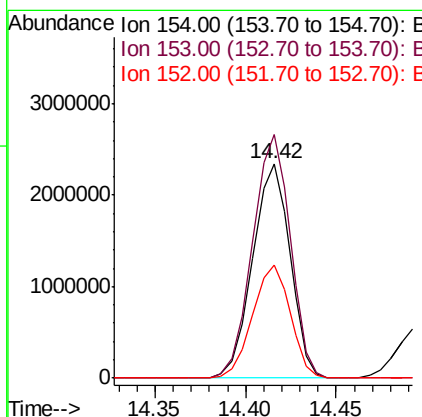
Manual Integrations
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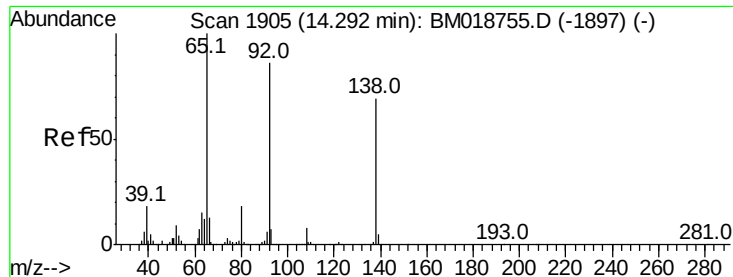
Sohil
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#52
Acenaphthene
Concen: 42.846 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.3	136.9
152	52.4	42.2	63.4





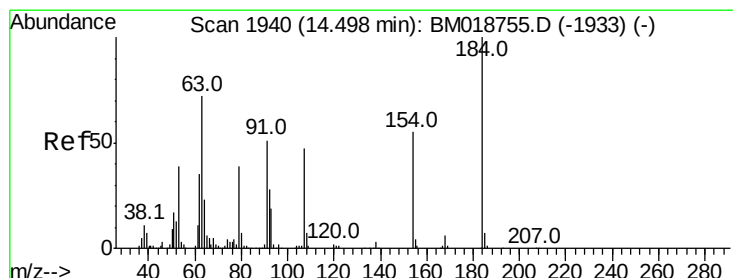
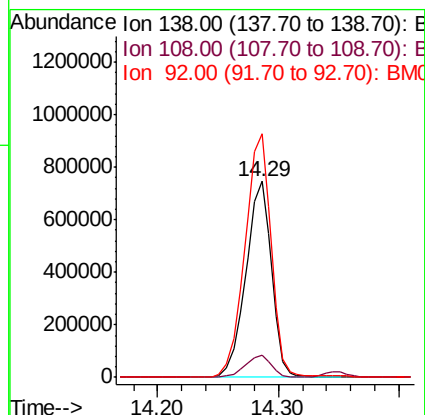
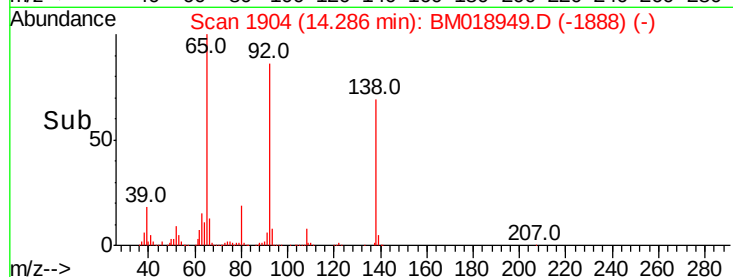
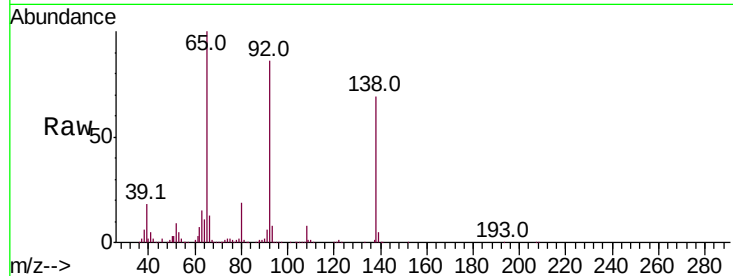
#53
3-Nitroaniline
Concen: 41.972 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion:138 Resp: 1110609
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 124.2 99.7 149.5

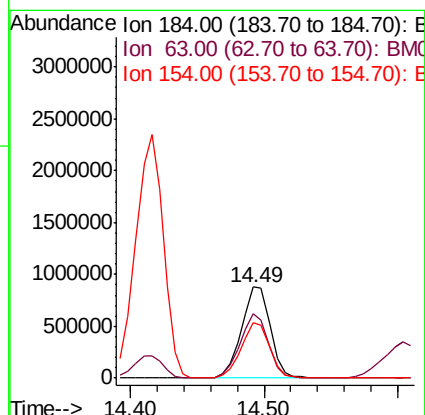
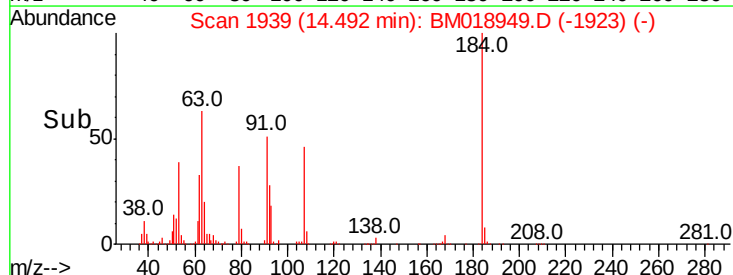
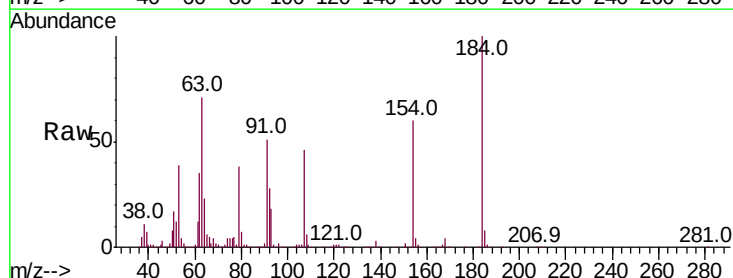
Manual Integrations
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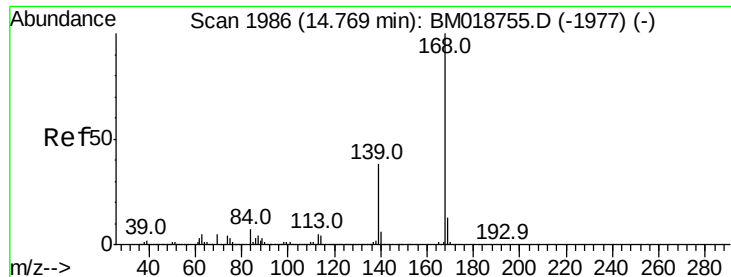
Sohil
2/28/2019 1:33:21 PM



#54
2,4-Dinitrophenol
Concen: 87.932 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:184 Resp: 1315784
Ion Ratio Lower Upper
184 100
63 70.6 58.0 87.0
154 60.5 50.3 75.5





#55

Dibenzofuran

Concen: 42.105 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampled :

PB117349BSD

Tot Ion:168 Resp: 5449562

Ion Ratio Lower Upper

168 100

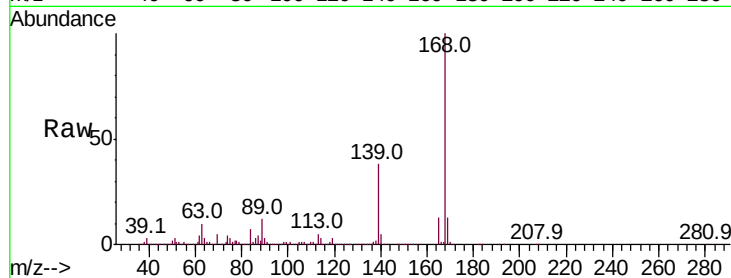
139 37.6 30.7 46.1

169 13.5 10.3 15.5

Manual Integrations
APPROVED

Sohil

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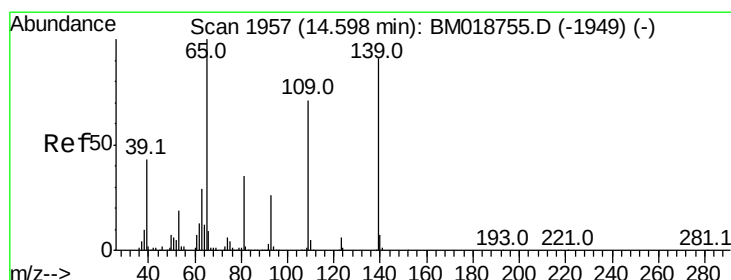
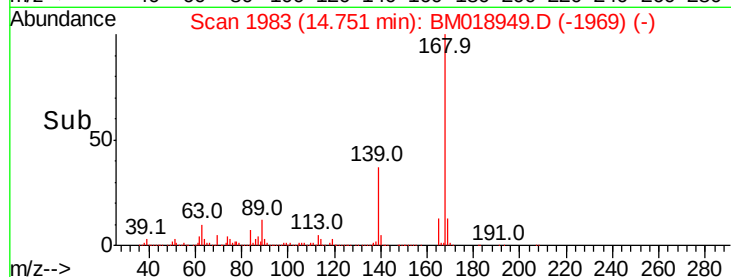
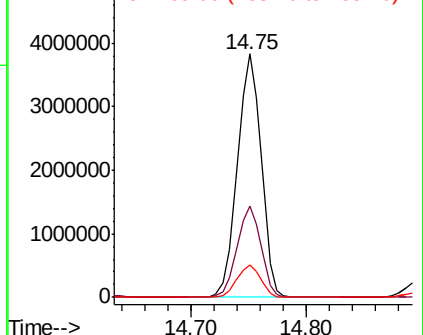


Abundance

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: 88.806 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

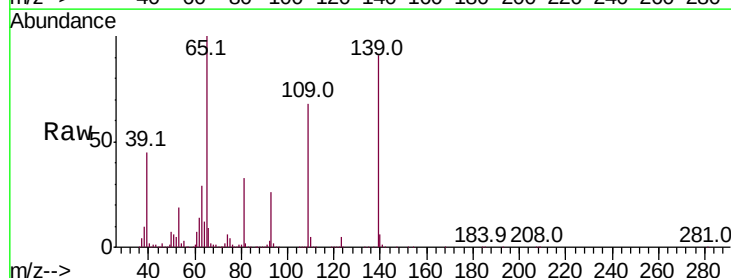
Tgt Ion:139 Resp: 1875822

Ion Ratio Lower Upper

139 100

109 74.9 58.4 98.4

65 109.4 89.8 129.8

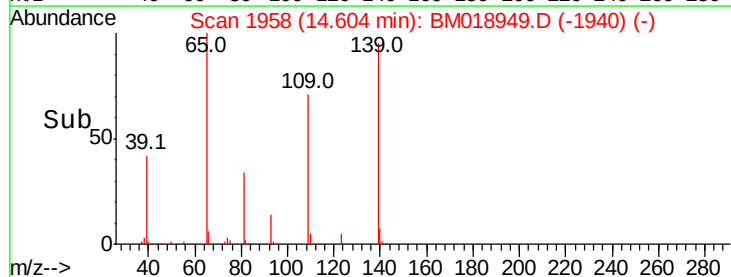
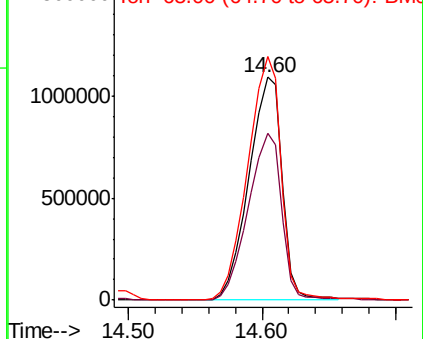


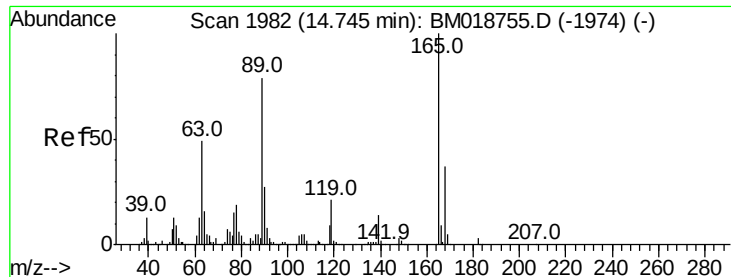
Abundance

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





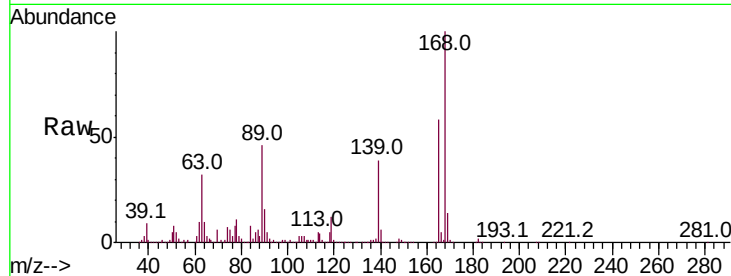
#57
 2,4-Dinitrotoluene
 Concen: 45.961 ng
 RT: 14.74 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	39.6	59.4
89	80.2	63.5	95.3
182	3.0	2.2	3.4

Manual Integrations
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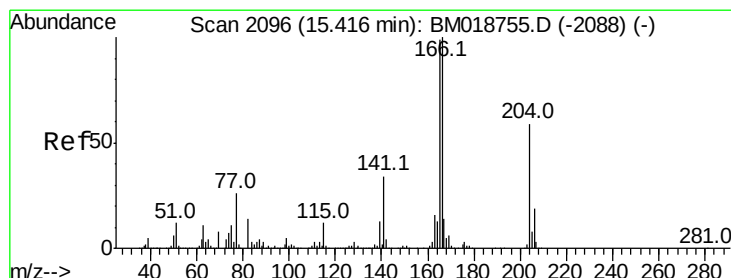
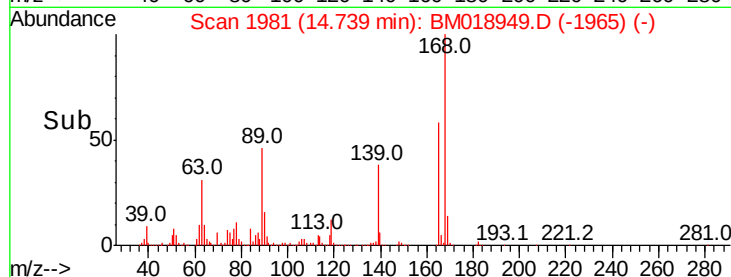
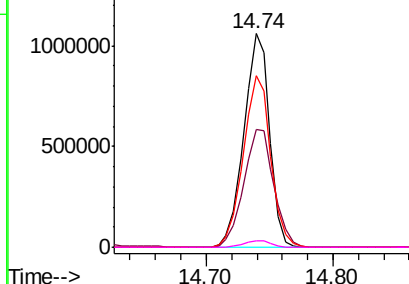
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.116 ng
 RT: 15.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

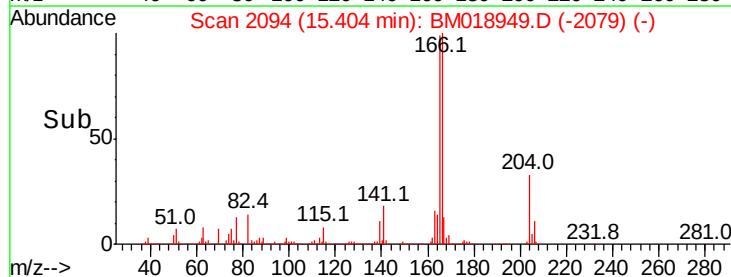
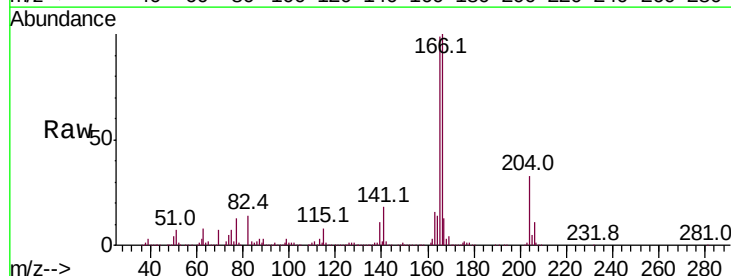
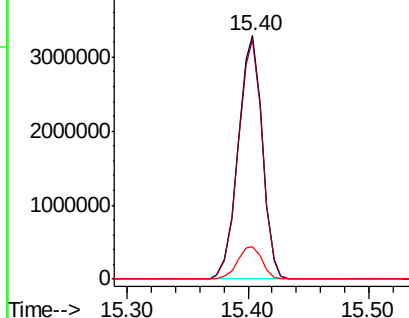
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.4	11.0	16.4

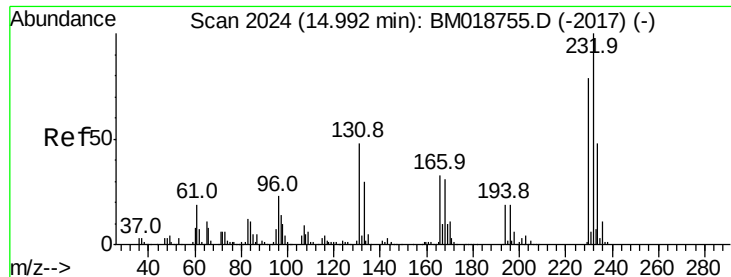
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





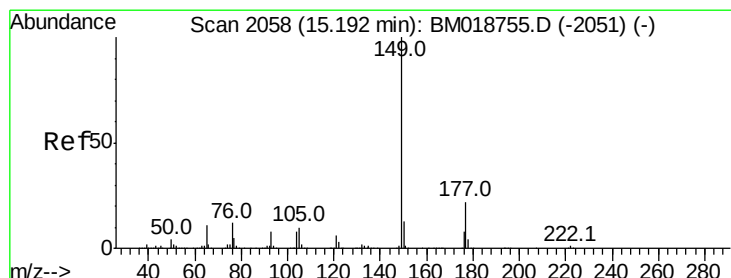
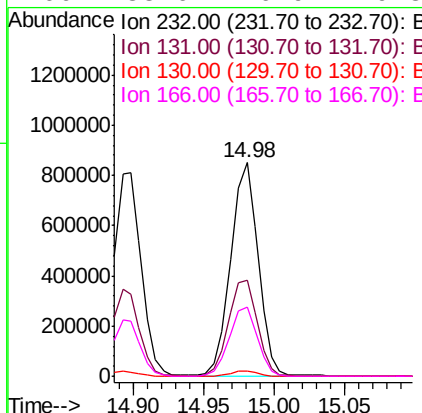
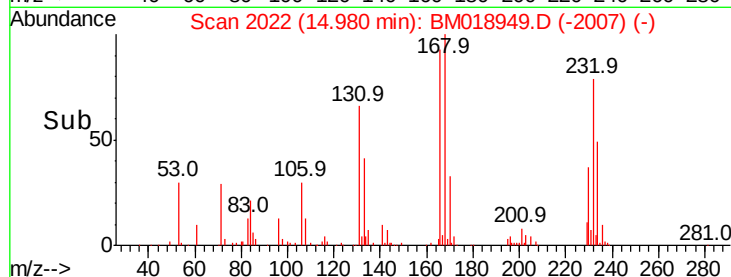
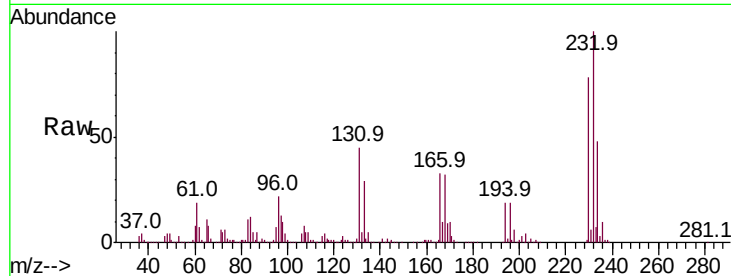
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.042 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion:	232	Resp:	1146328
Ion	Ratio	Lower	Upper
232	100		
131	47.6	38.6	57.8
130	2.5	2.0	3.0
166	33.6	26.9	40.3

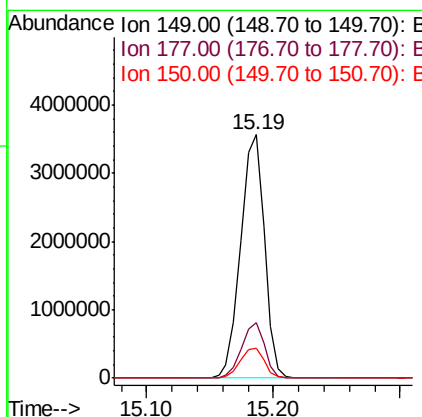
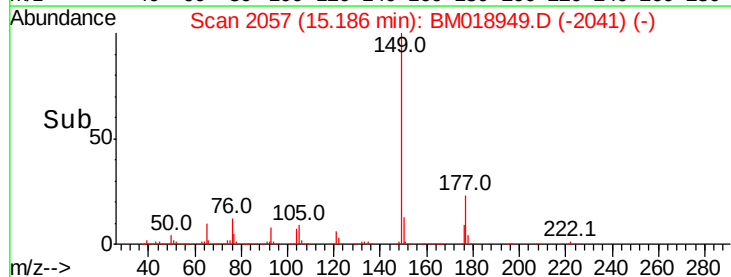
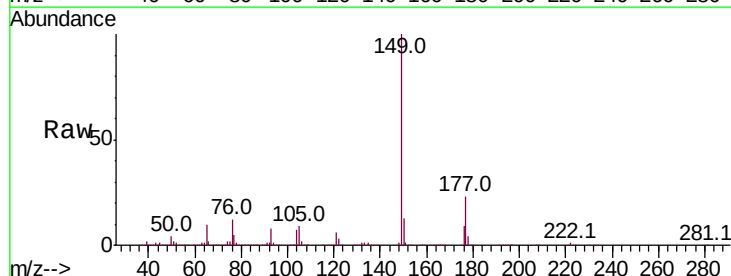
Manual Integrations
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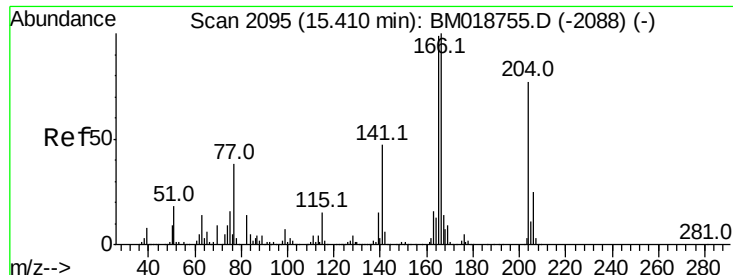
Sohil
2/28/2019 1:33:21 PM



#60
Diethylphthalate
Concen: 41.485 ng
RT: 15.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:	149	Resp:	4626310
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.2	25.8
150	12.5	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 40.589 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampled :

PB117349BSD

Tot Ion:204 Resp: 2253320

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

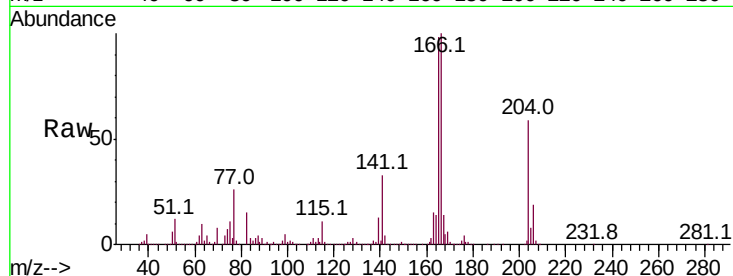
141 56.1 49.2 73.8

Manual Integrations

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Sohil

2/28/2019 1:33:21 PM

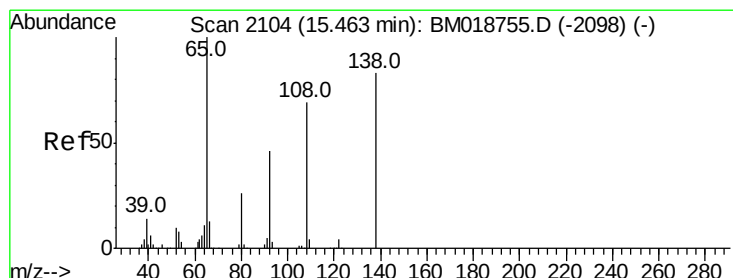
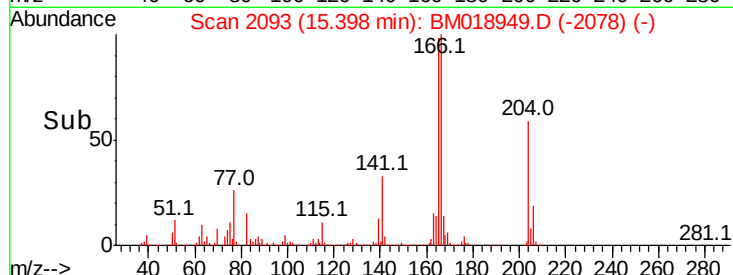
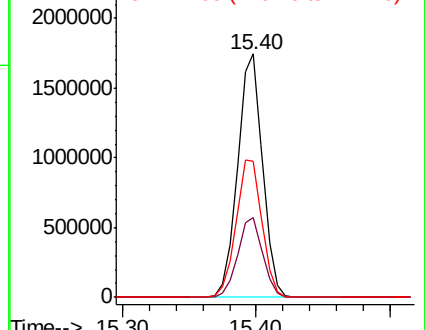


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 43.164 ng

RT: 15.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

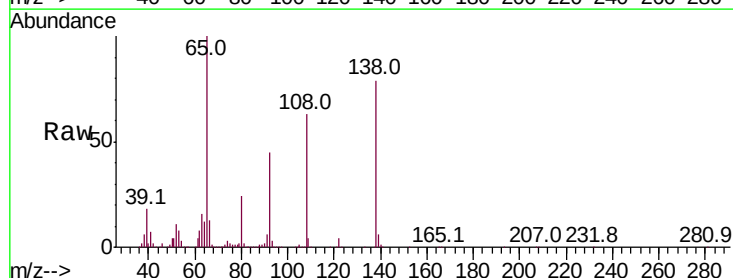
Tgt Ion:138 Resp: 1119720

Ion Ratio Lower Upper

138 100

92 56.4 35.5 75.5

108 79.0 62.4 102.4

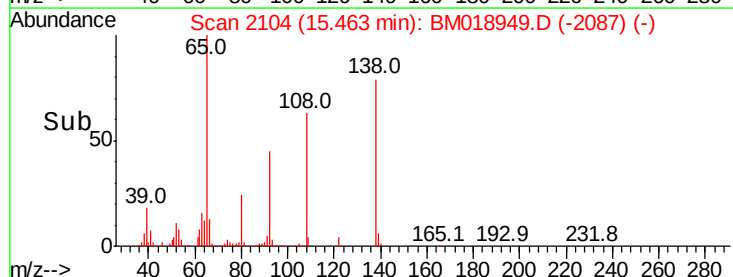
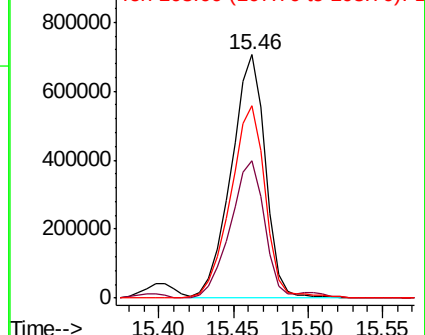


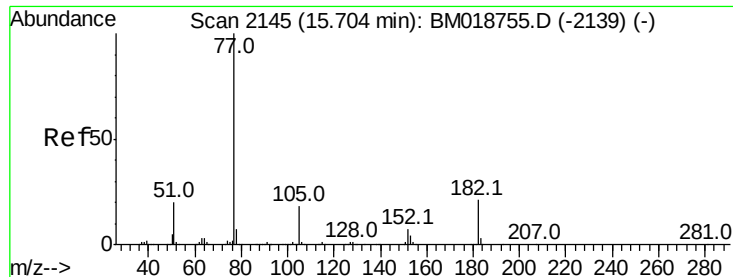
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





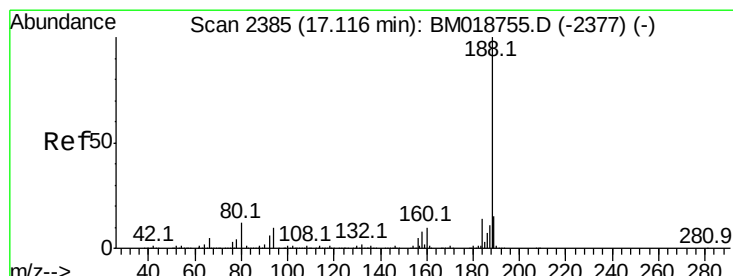
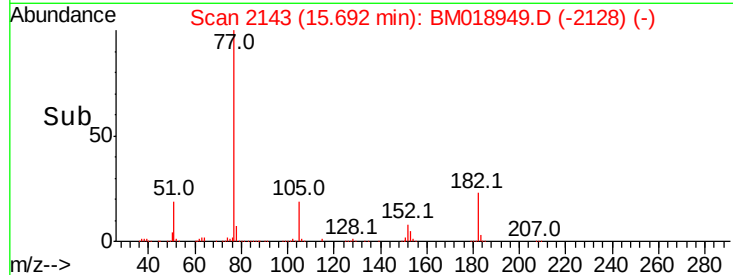
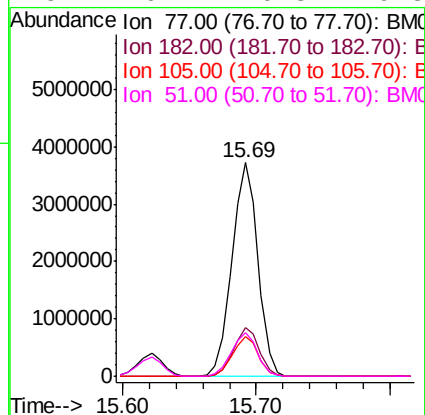
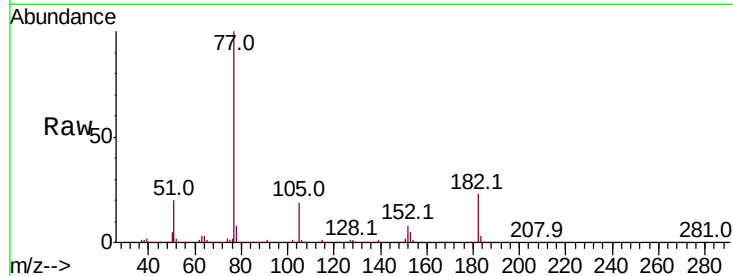
#63
Azobenzene
Concen: 42.126 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.8	1.0	41.0	
105	18.5	0.0	37.7	
51	20.4	0.3	40.3	

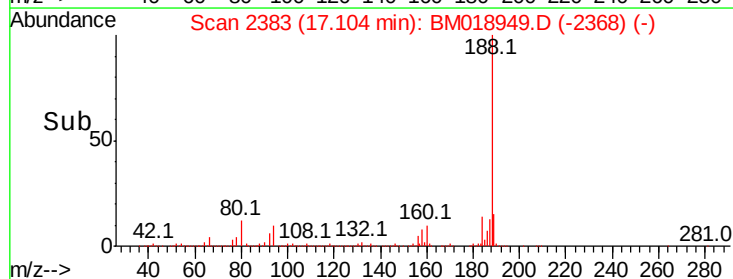
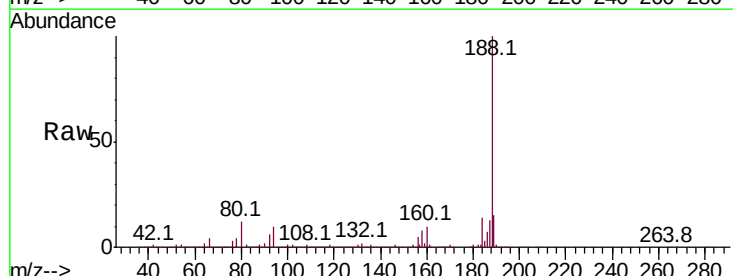
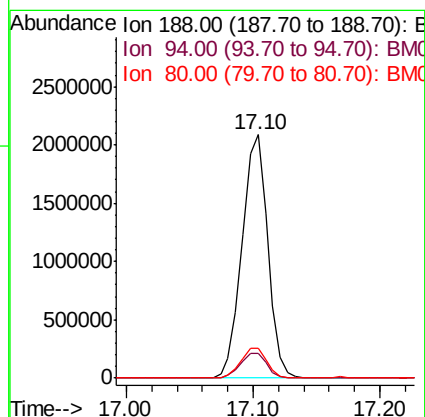
Manual Integrations
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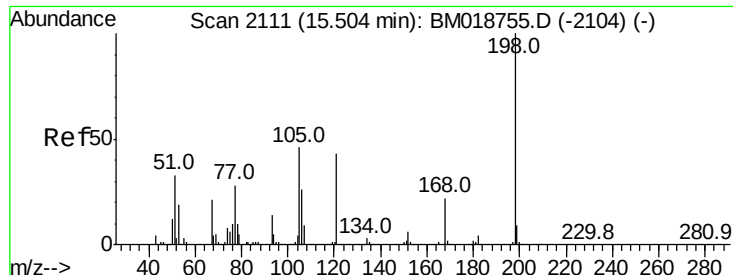
Sohil
2/28/2019 1:33:21 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.2	12.2	
80	12.3	9.7	14.5	





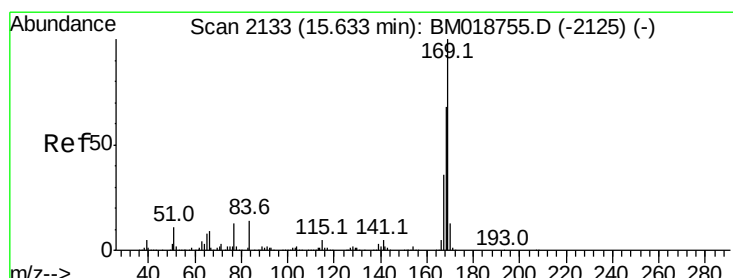
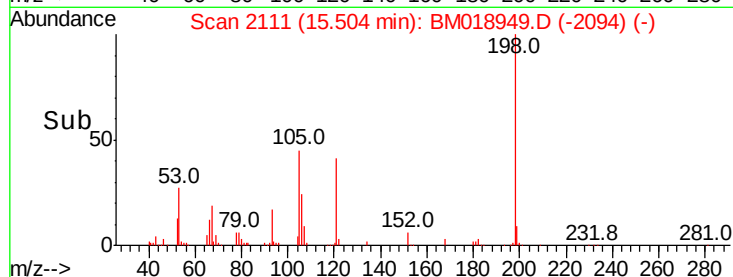
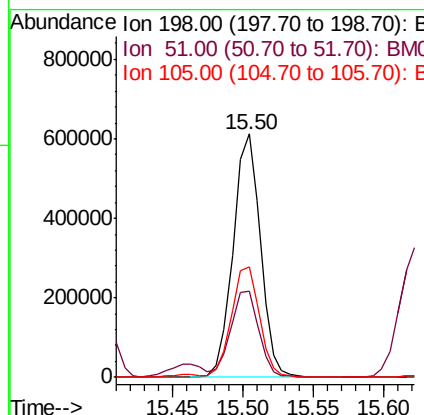
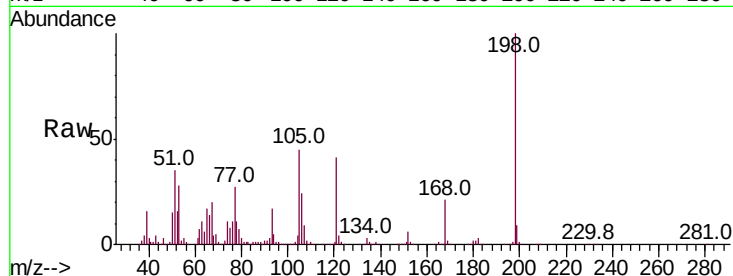
#65
4,6-Dinitro-2-methylphenol
Concen: 40.202 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	827635		
51	35.3	18.4	58.4	
105	45.3	27.2	67.2	

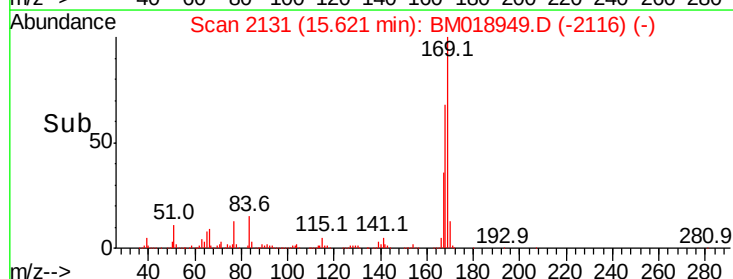
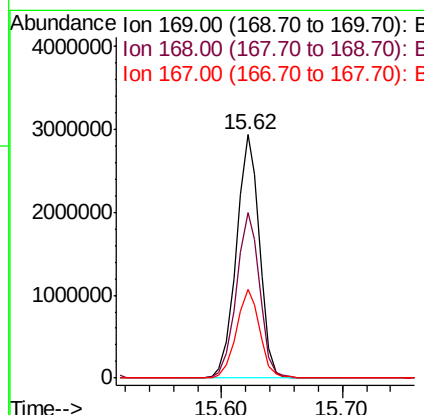
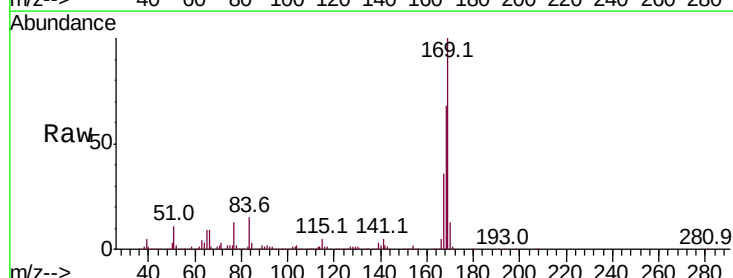
Manual Integrations
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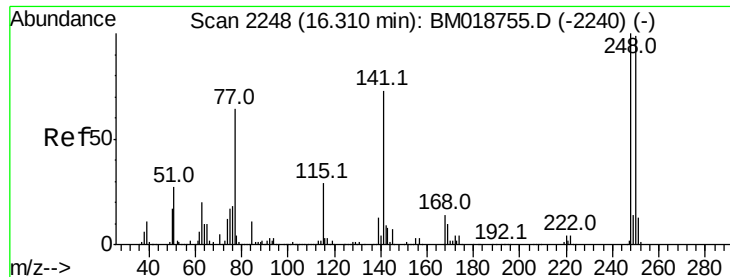
Sohil
2/28/2019 1:33:21 PM



#66
n-Nitrosodiphenylamine
Concen: 42.134 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	3903244		
168	67.9	54.4	81.6	
167	36.4	29.0	43.6	





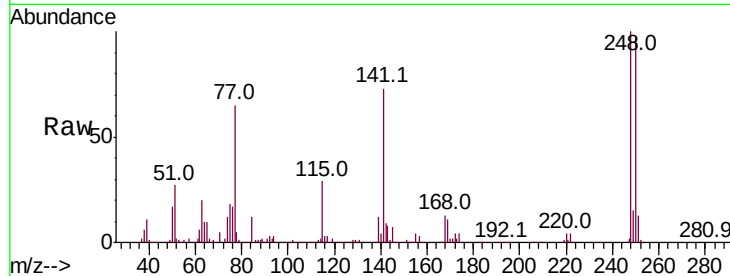
#67
4-Bromophenyl-phenylether
Concen: 41.221 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampled :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.6
141	72.8	58.6	88.0

Manual Integrations
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Sohil
2/28/2019 1:33:21 PM

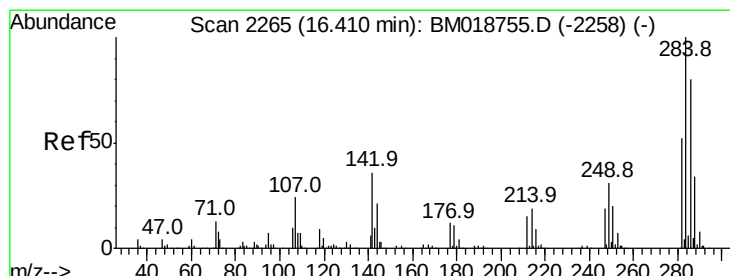
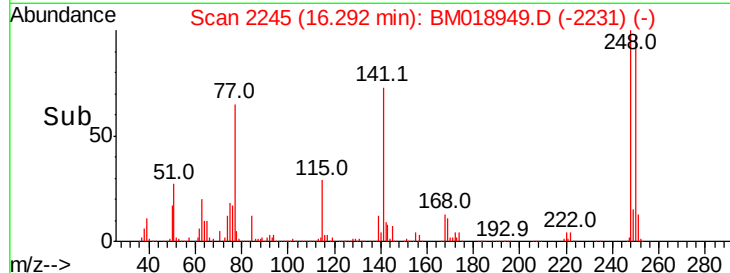
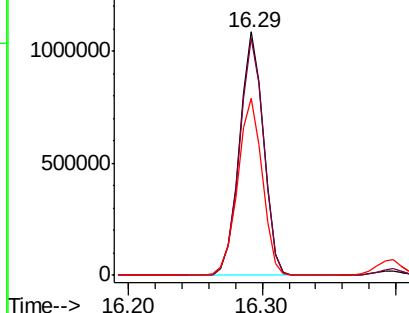


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.706 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

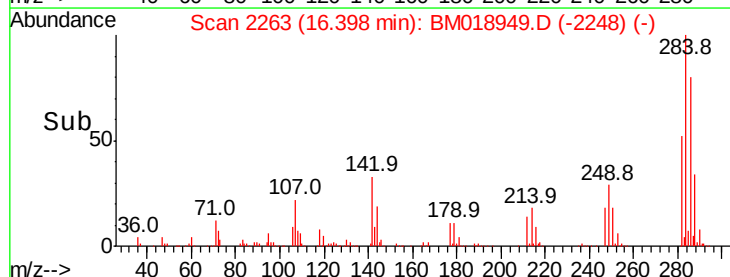
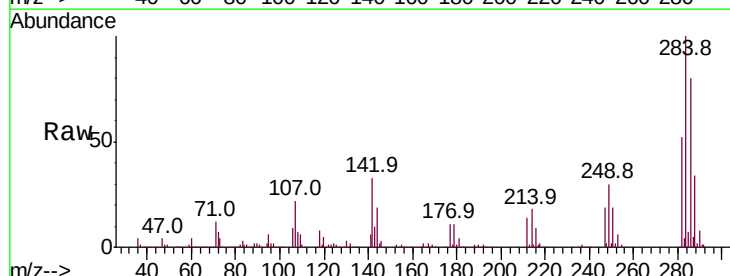
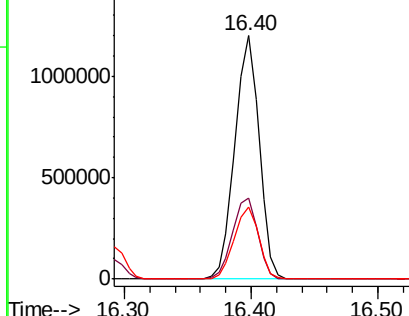
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.9	43.3
249	29.9	24.8	37.2

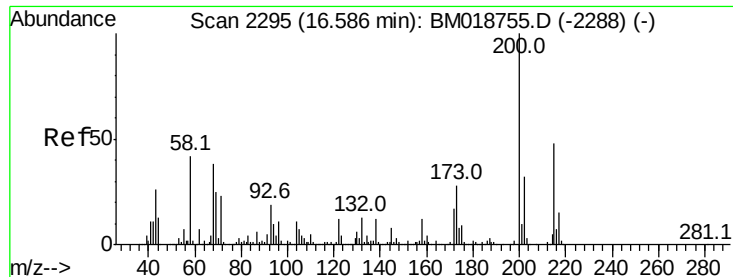
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





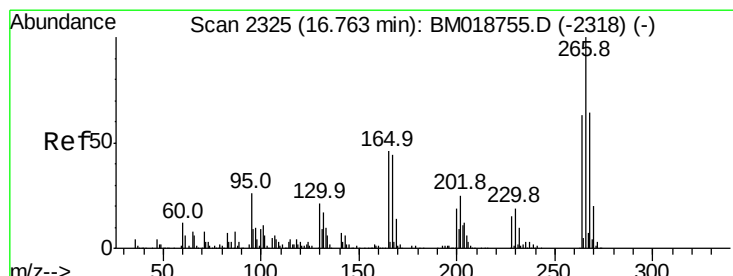
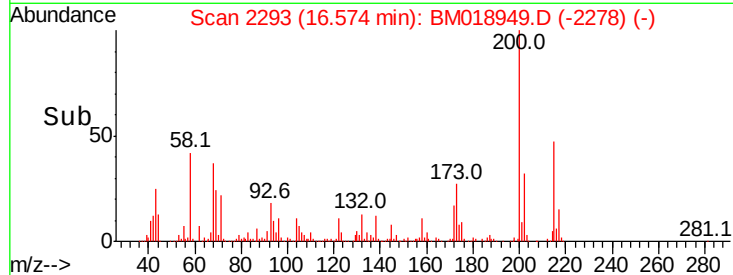
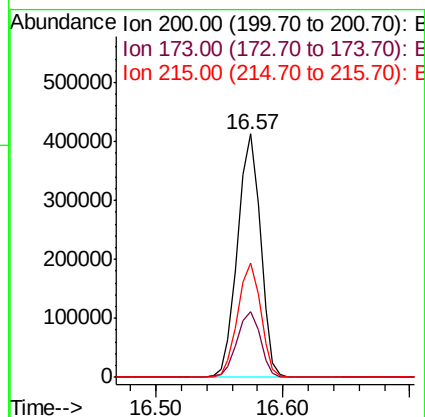
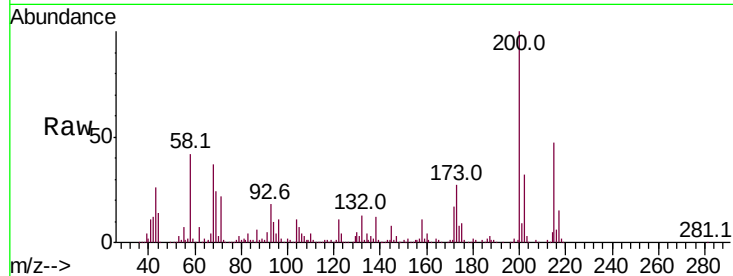
#69
Atrazine
Concen: 17.287 ng
RT: 16.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampled :
PB117349BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.6	47.6
215	46.7	27.6	67.6

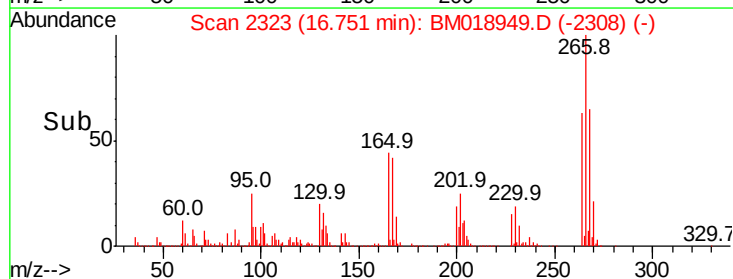
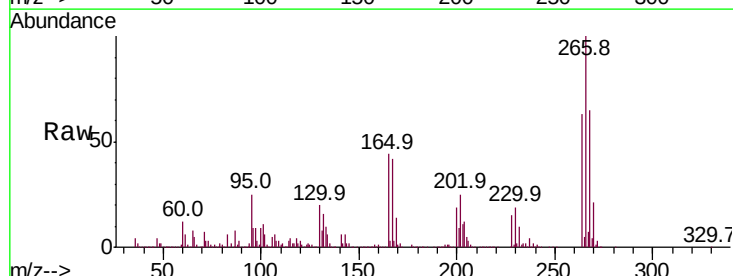
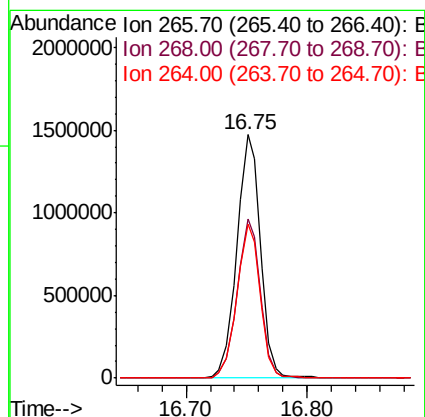
Manual Integrations
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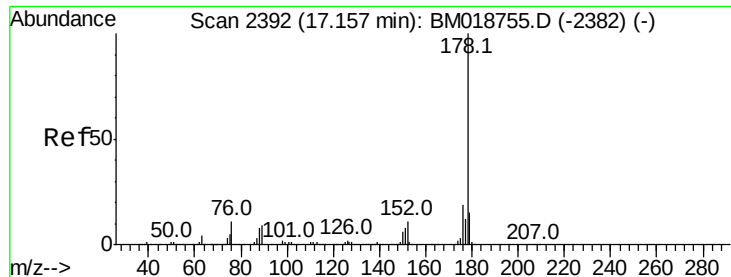
Sohil
2/28/2019 1:33:21 PM



#70
Pentachlorophenol
Concen: 81.930 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.3	76.9
264	63.3	50.6	75.8





#71

Phenanthrene

Concen: 44.141 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:178 Resp: 6955781

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

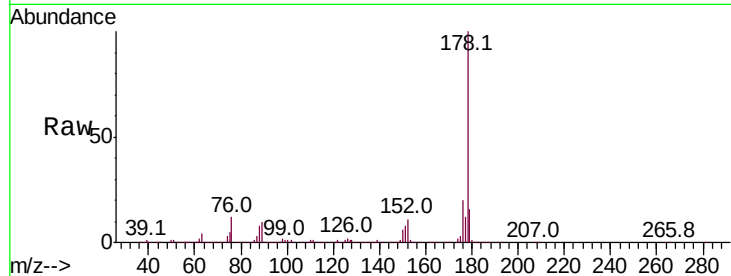
179 15.7 12.3 18.5

Manual Integrations

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Sohil

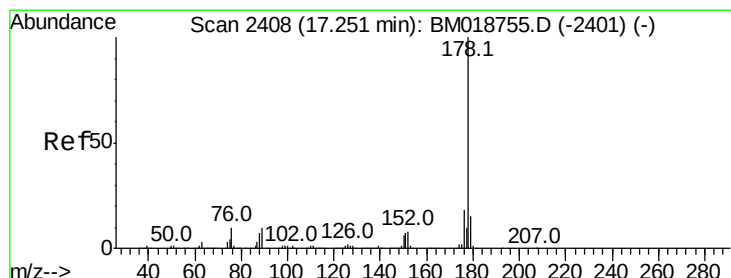
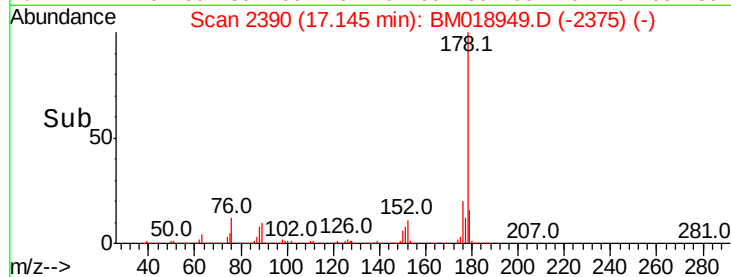
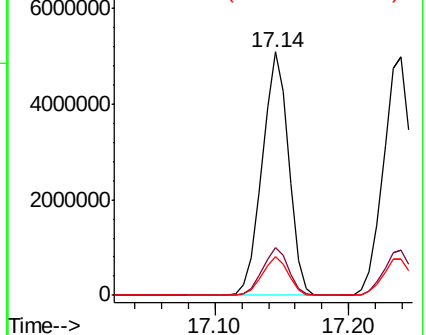
2/28/2019 1:33:21 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.415 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Tgt Ion:178 Resp: 7118974

Ion Ratio Lower Upper

178 100

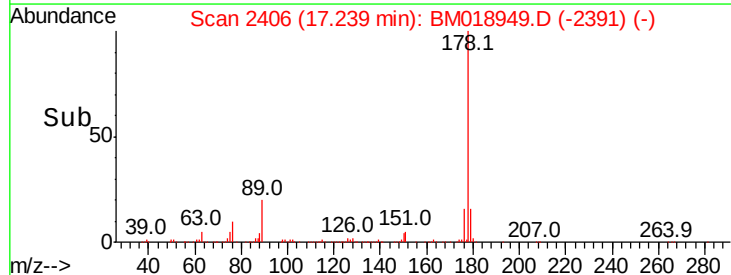
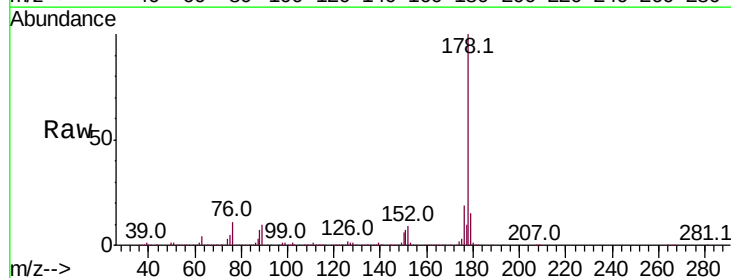
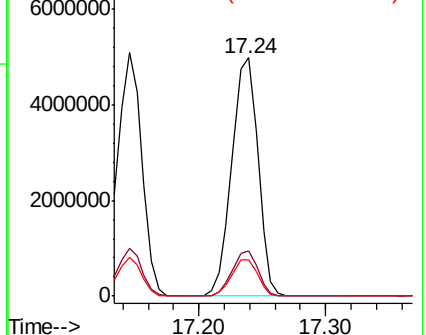
176 19.0 14.8 22.2

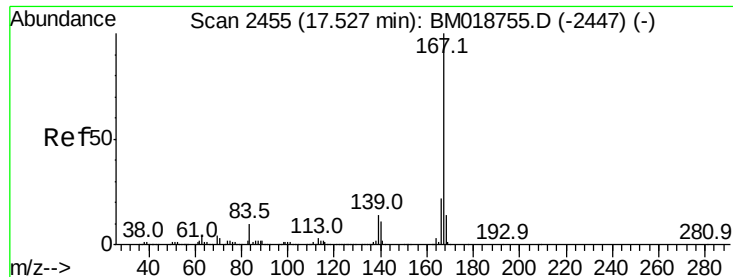
179 15.5 12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





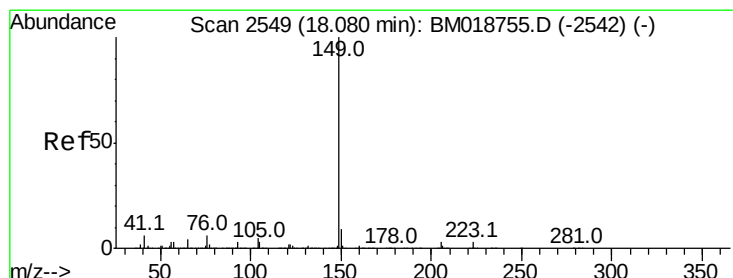
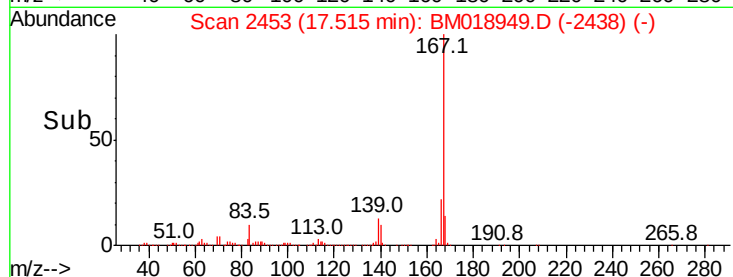
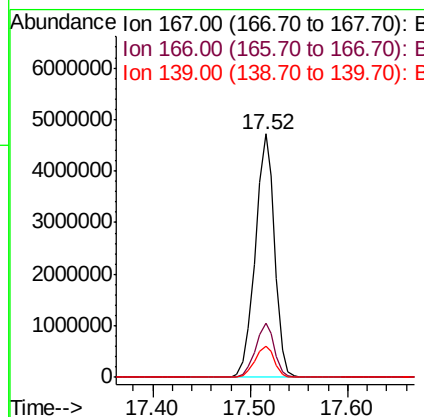
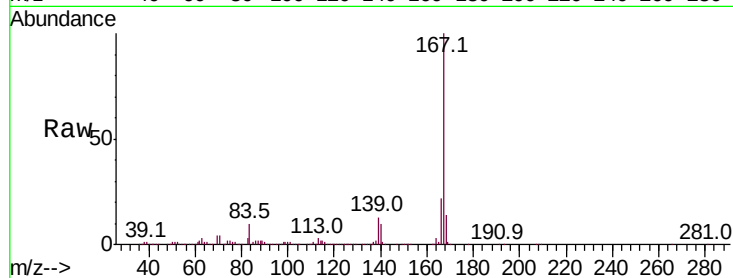
#73
 Carbazole
 Concen: 40.881 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampleId :
 PB117349BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	13.0	10.9	16.3

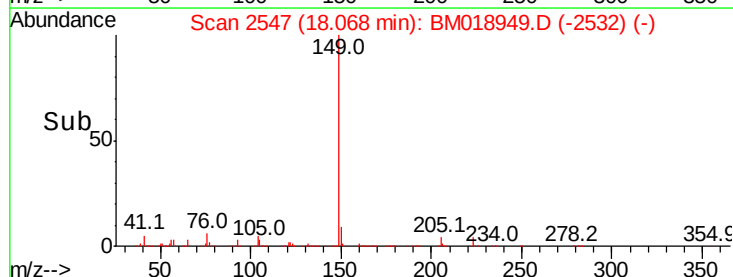
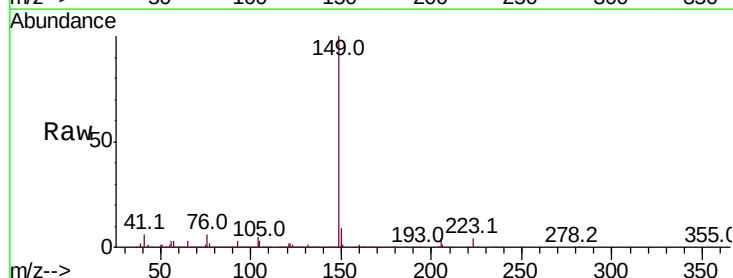
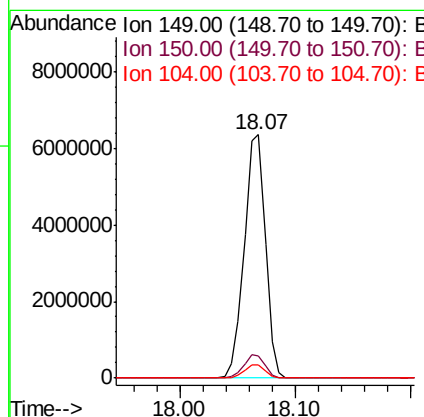
Manual Integrations
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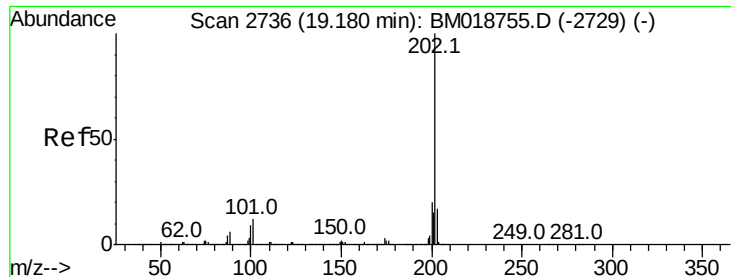
Sohil
 2/28/2019 1:33:21 PM



#74
 Di-n-butylphthalate
 Concen: 43.760 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 44.770 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

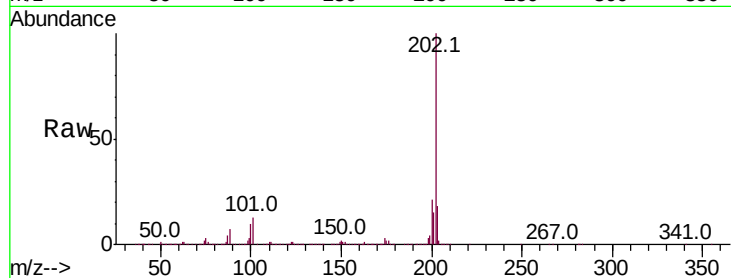
ClientSampleId :

PB117349BSD

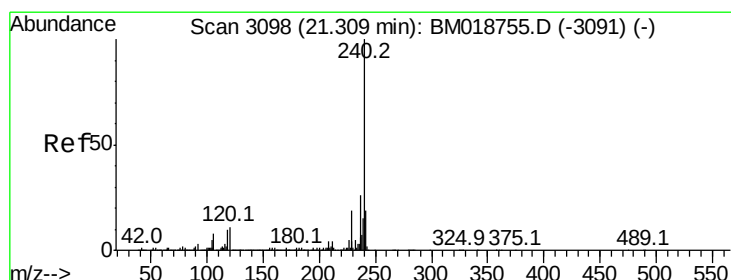
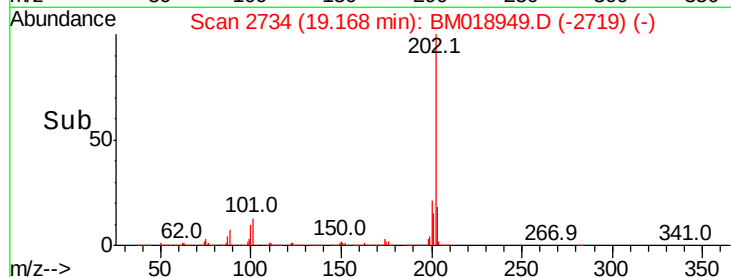
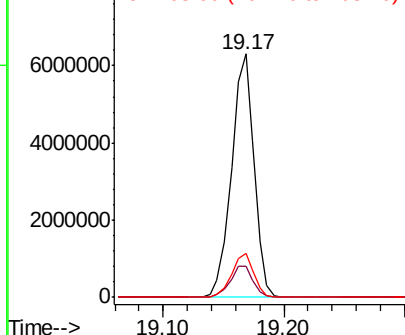
Tot Ion:	202	Resp:	8149295
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.9	0.0	37.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

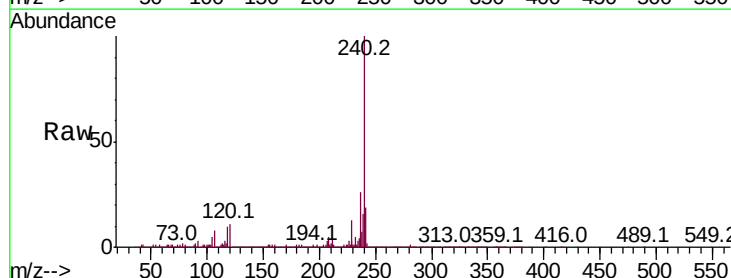
RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

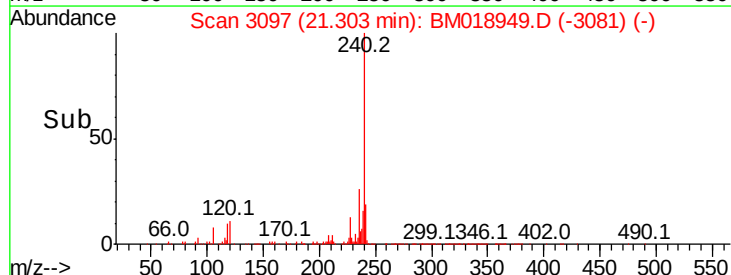
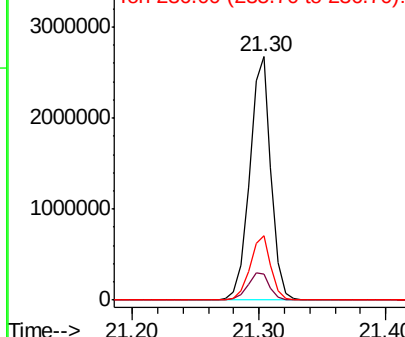
Lab File: BM018949.D

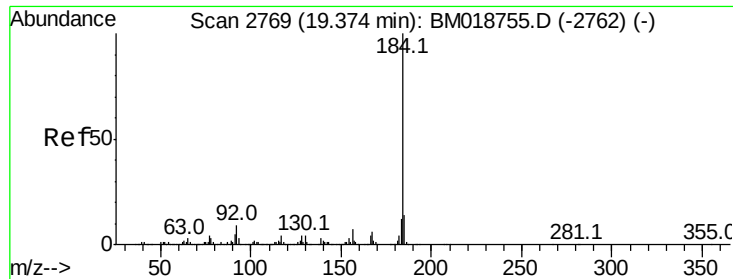
Acq: 27 Feb 2019 14:56

Tgt Ion:	240	Resp:	3104686
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.2	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 78.556 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:184 Resp: 5492756

Ion Ratio Lower Upper

184 100

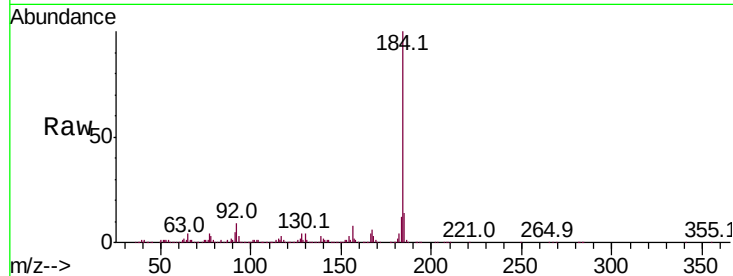
185 14.2 11.2 16.8

183 12.3 9.7 14.5

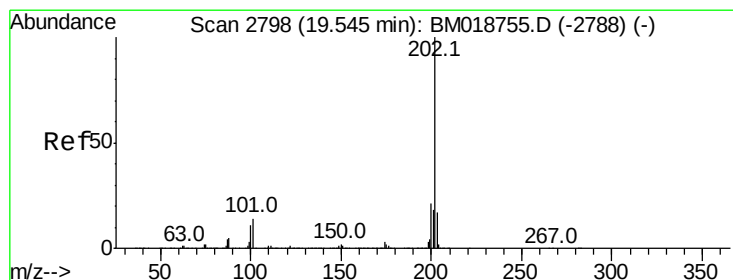
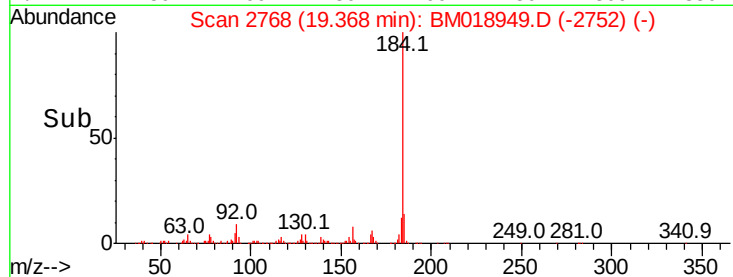
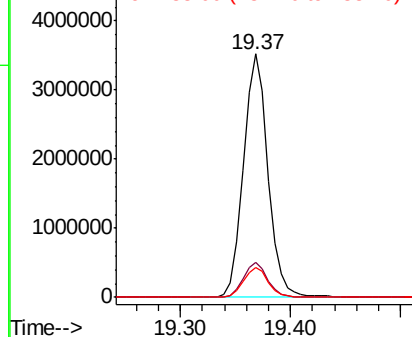
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.312 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

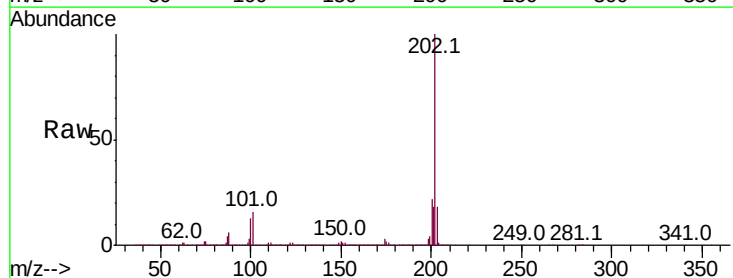
Tgt Ion:202 Resp: 8350859

Ion Ratio Lower Upper

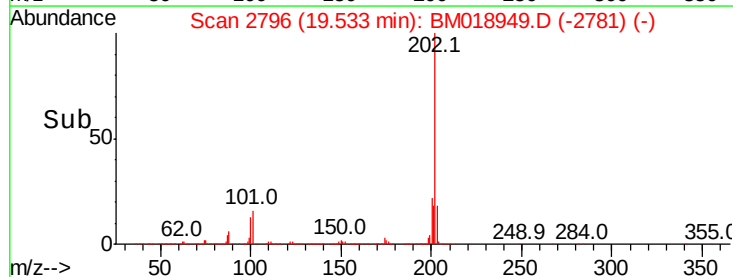
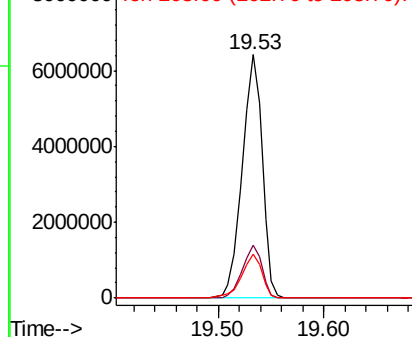
202 100

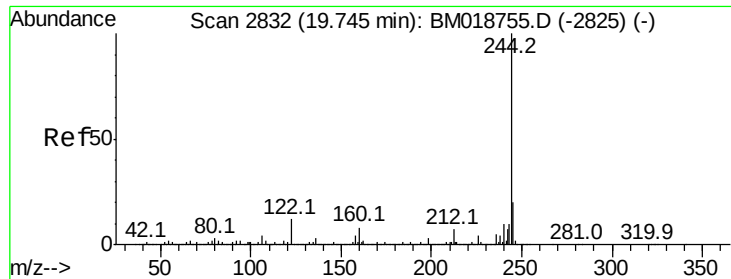
200 21.5 16.9 25.3

203 18.1 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





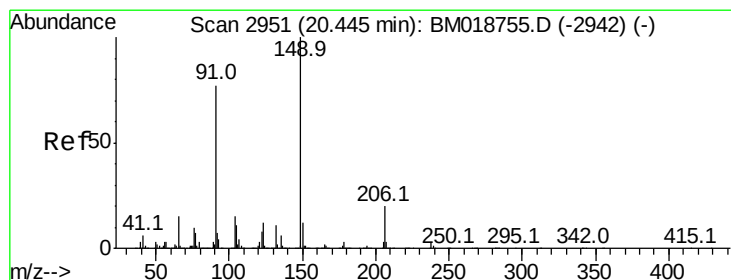
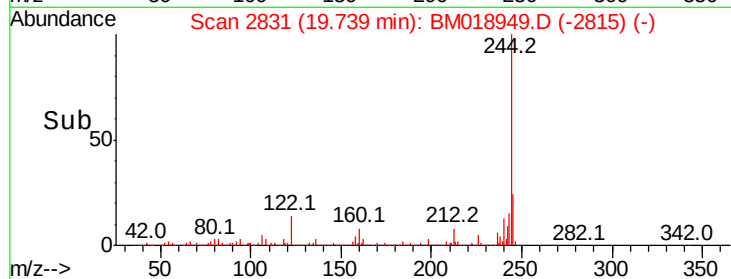
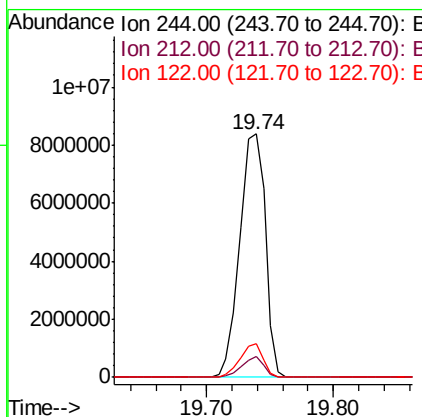
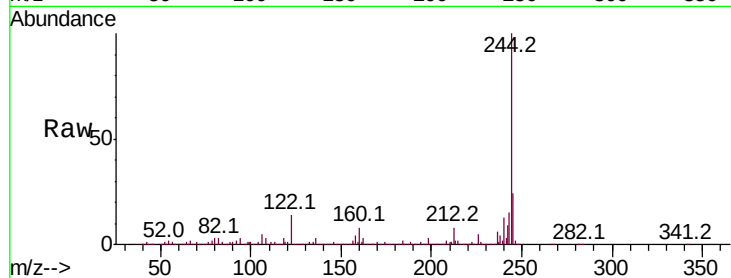
#79
 Terphenyl-d14
 Concen: 78.084 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Instrument :
 BNA_M
 ClientSampled :
 PB117349BSD

Tot Ion:244 Resp:11751751
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.6 8.4
 122 13.7 9.3 13.9

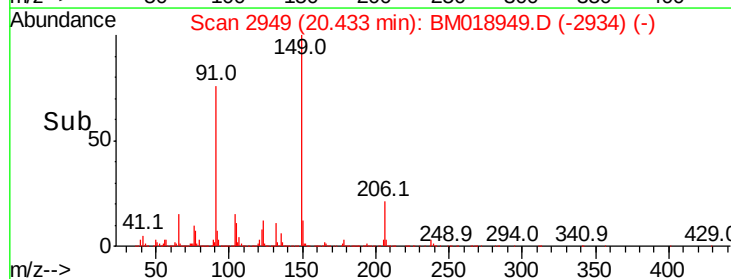
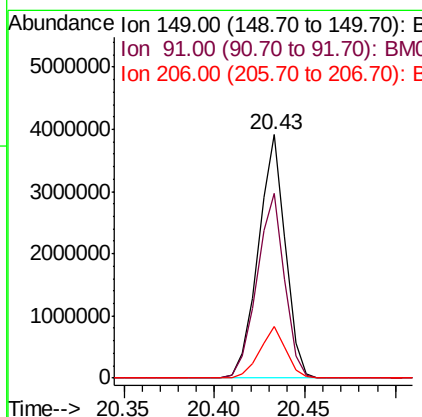
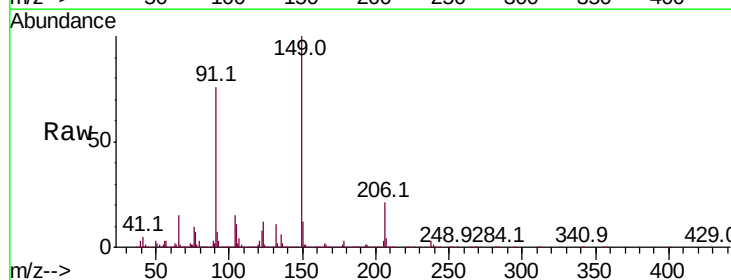
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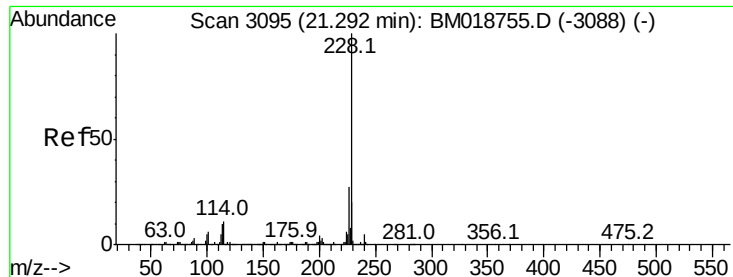
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#80
 Butylbenzylphthalate
 Concen: 49.250 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018949.D
 Acq: 27 Feb 2019 14:56

Tgt Ion:149 Resp: 4047216
 Ion Ratio Lower Upper
 149 100
 91 76.0 61.4 92.0
 206 21.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 44.356 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:228 Resp: 8027554

Ion Ratio Lower Upper

228 100

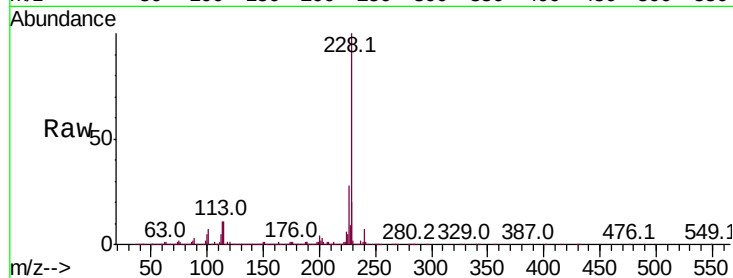
226 28.0 21.9 32.9

229 20.3 15.9 23.9

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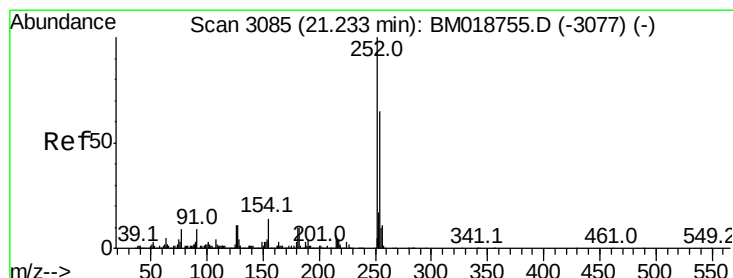
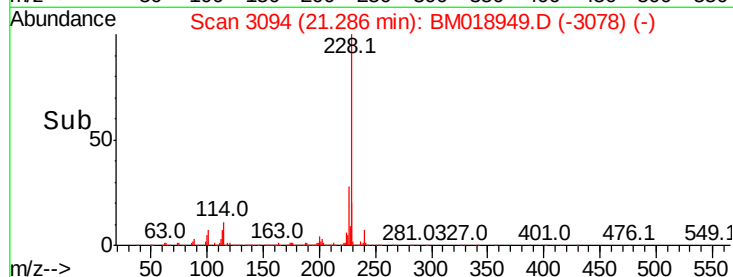
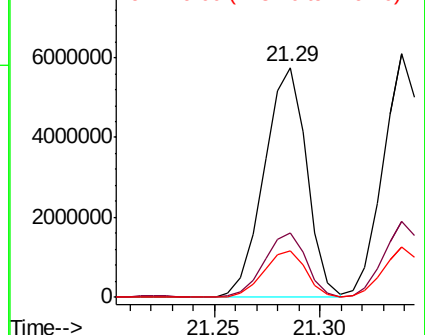


Abundance

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: 45.731 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

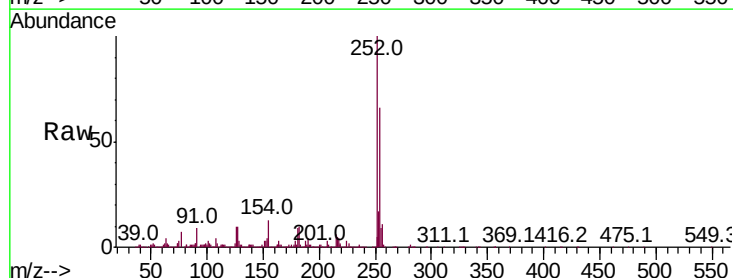
Tgt Ion:252 Resp: 3270940

Ion Ratio Lower Upper

252 100

254 66.1 51.8 77.8

126 10.4 9.1 13.7

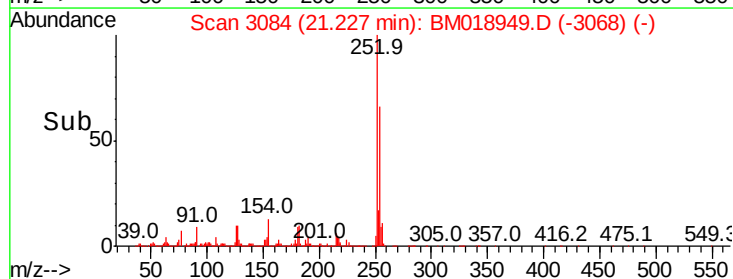
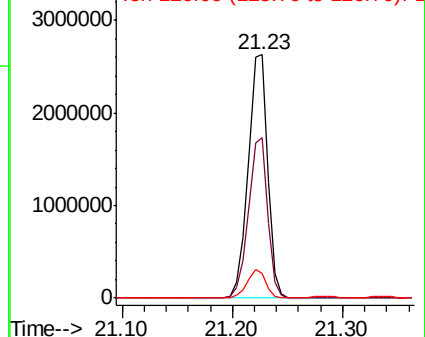


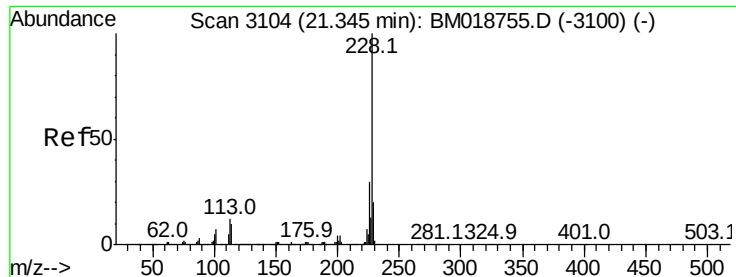
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.743 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:228 Resp: 7414473

Ion Ratio Lower Upper

228 100

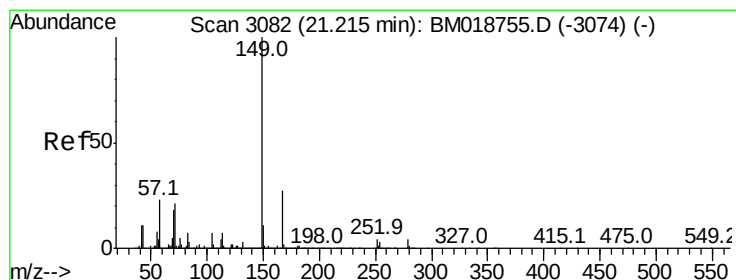
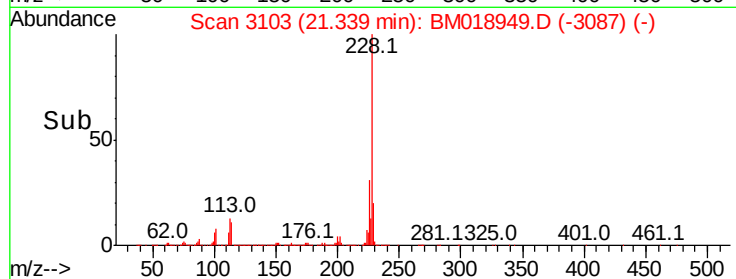
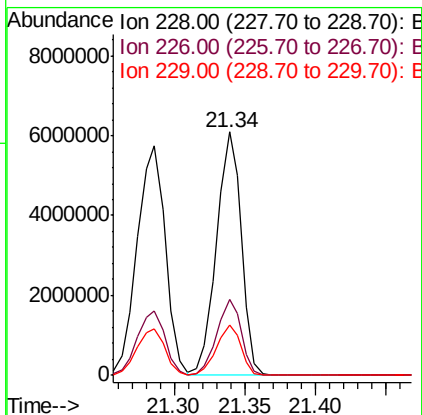
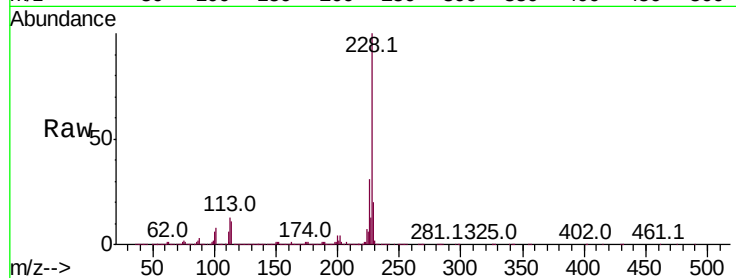
226 31.2 24.1 36.1

229 20.5 16.0 24.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.520 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

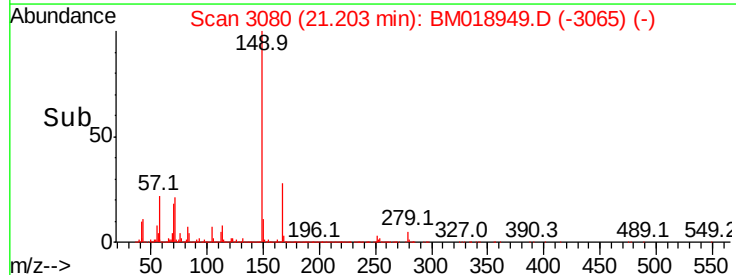
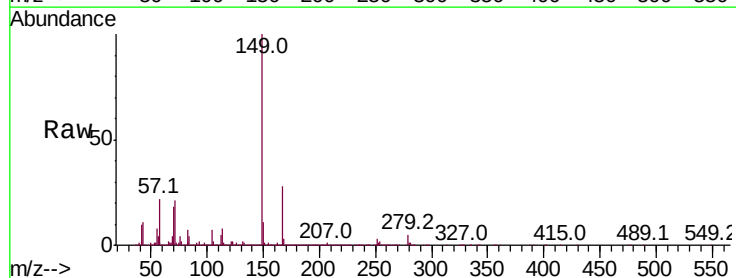
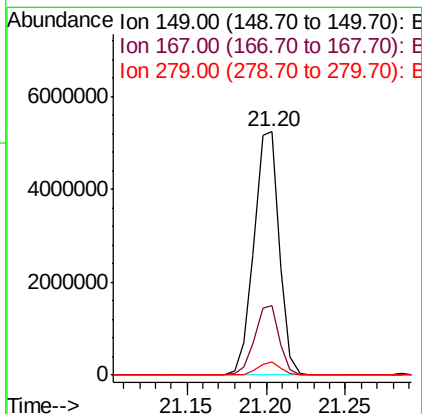
Tgt Ion:149 Resp: 5835804

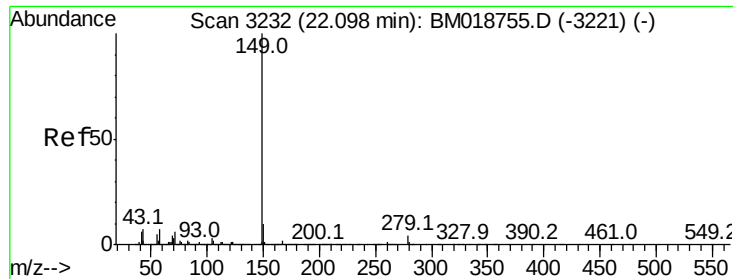
Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.6

279 5.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 47.691 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:149 Resp: 9640706

Ion Ratio Lower Upper

149 100

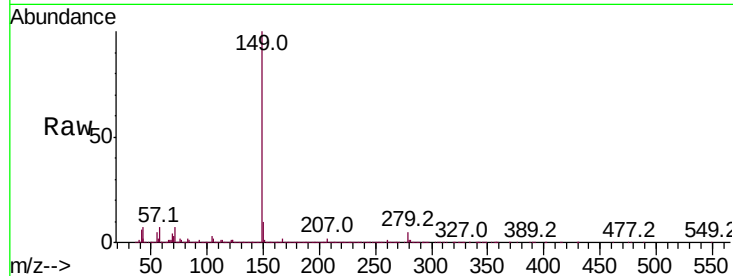
167 1.6 1.3 1.9

43 7.5 6.0 9.0

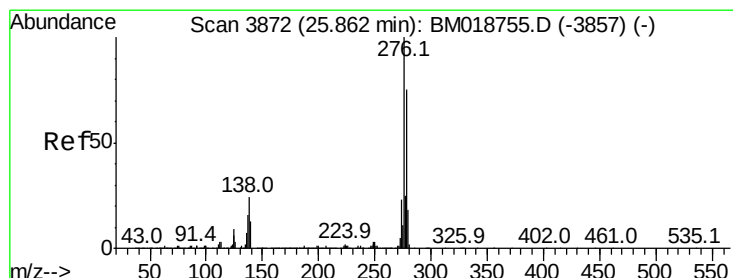
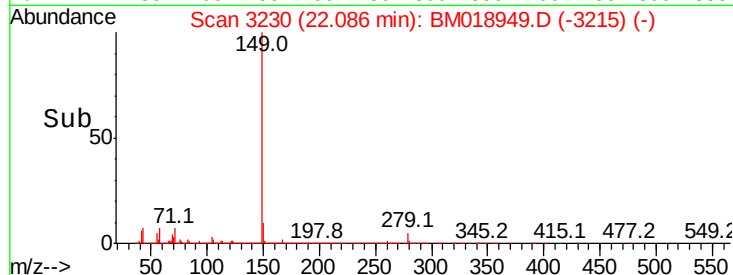
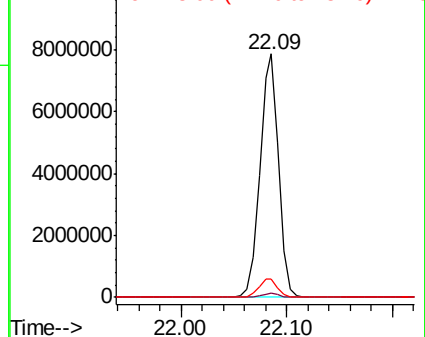
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.242 ng

RT: 25.85 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

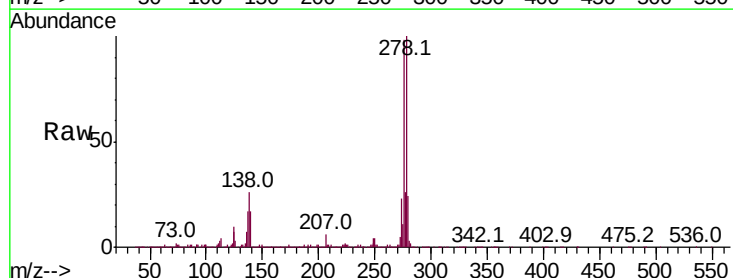
Tgt Ion:276 Resp: 7058040

Ion Ratio Lower Upper

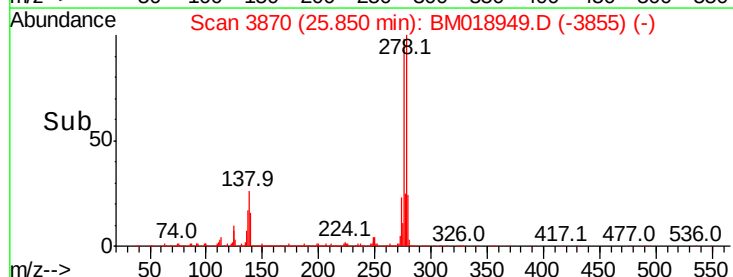
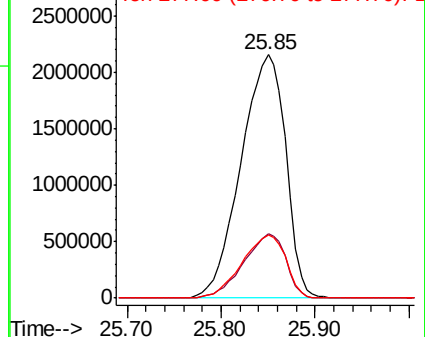
276 100

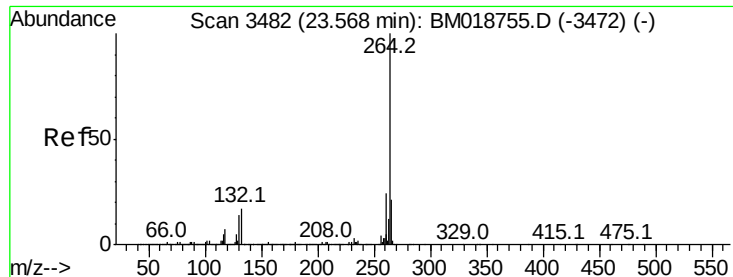
138 25.0 20.2 30.4

277 25.6 20.3 30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

Instrument :

BNA_M

ClientSampleId :

PB117349BSD

Tot Ion:264 Resp: 2360403

Ion Ratio Lower Upper

264 100

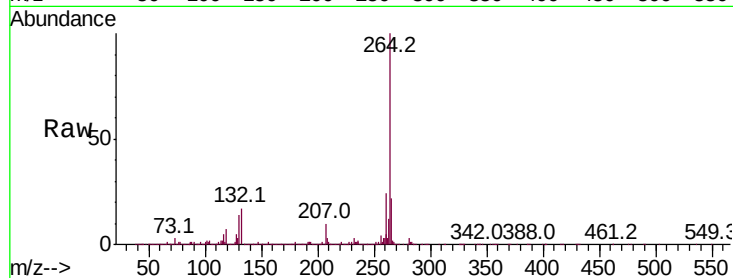
260 23.9 18.9 28.3

265 22.0 17.3 25.9

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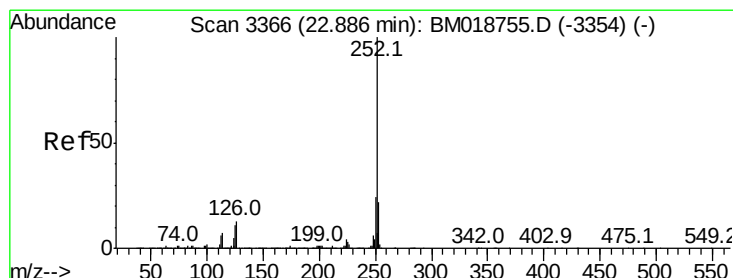
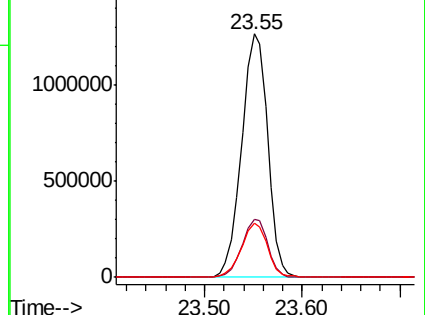
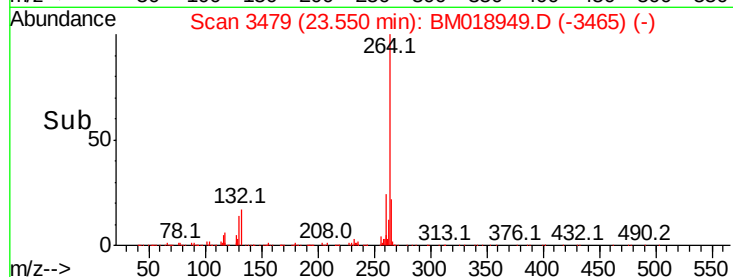
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.772 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM018949.D

Acq: 27 Feb 2019 14:56

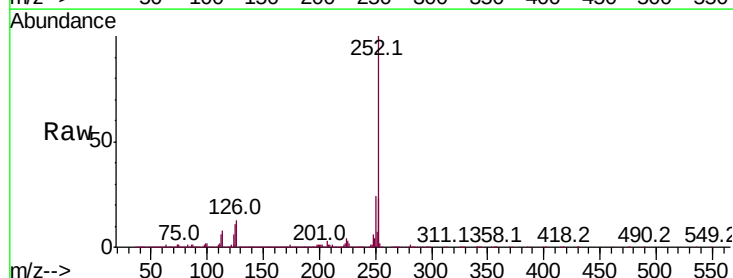
Tgt Ion:252 Resp: 7126718

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

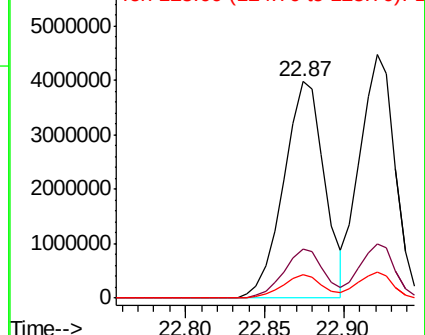
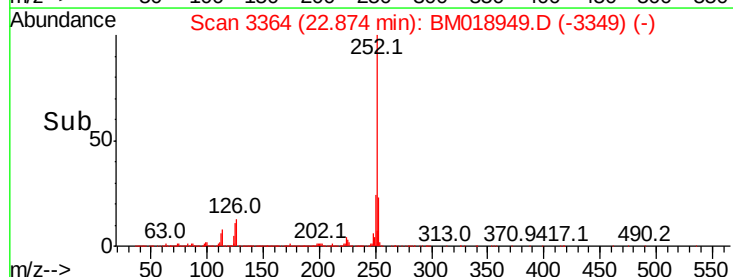
125 10.7 8.6 12.8

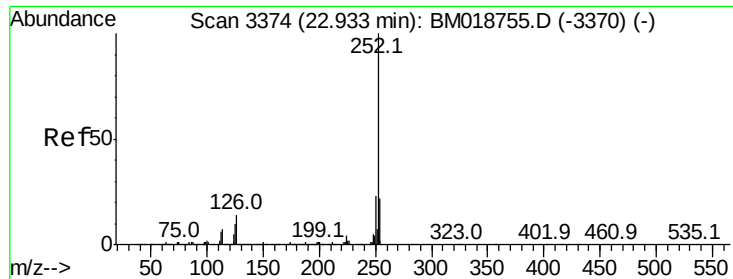


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





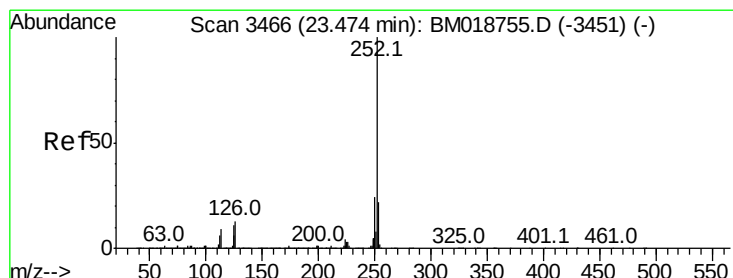
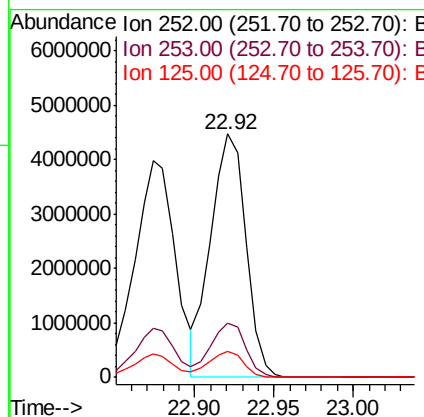
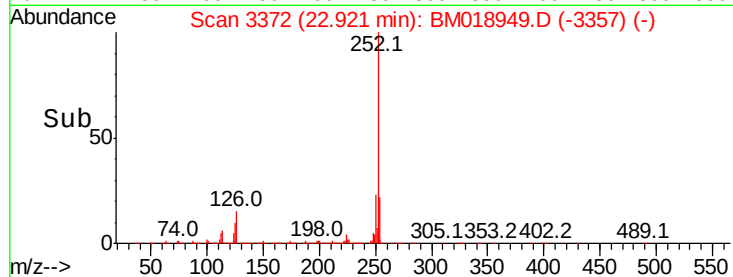
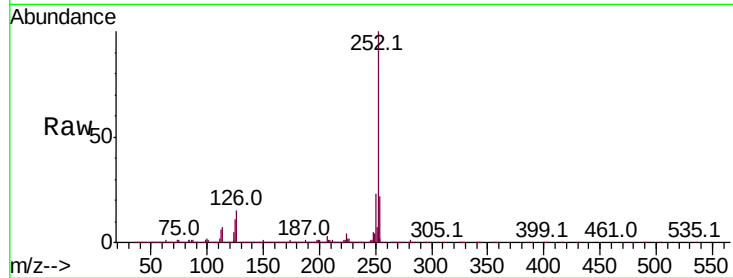
#89
Benzo(k)fluoranthene
Concen: 51.295 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion:252 Resp: 6896485
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.7 8.2 12.4

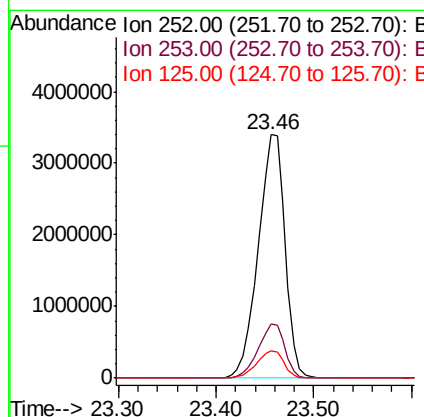
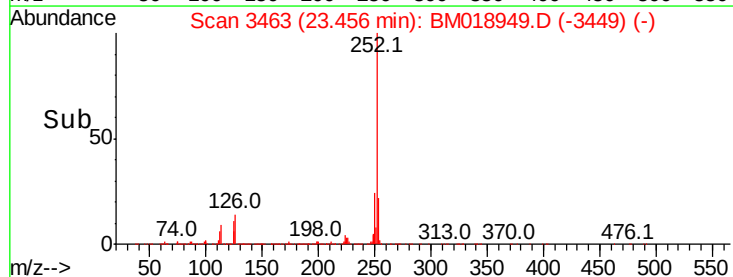
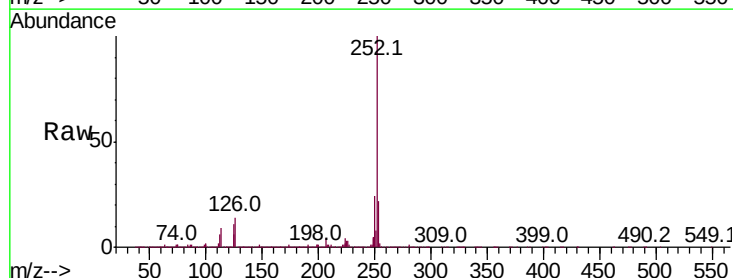
Manual Integrations
APPROVED

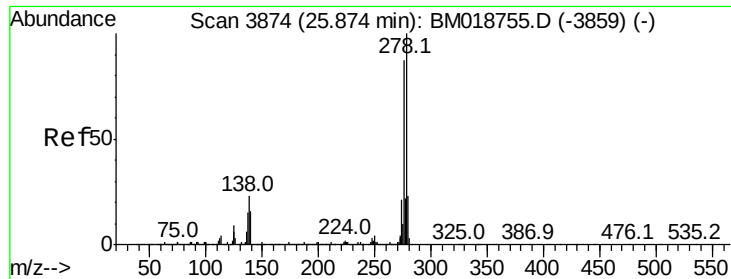
Sohil
2/28/2019 1:33:21 PM



#90
Benzo(a)pyrene
Concen: 50.969 ng
RT: 23.46 min Scan# 3463
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:252 Resp: 6520676
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.4 8.6 13.0





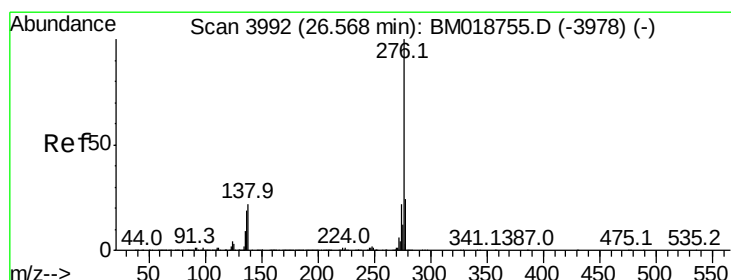
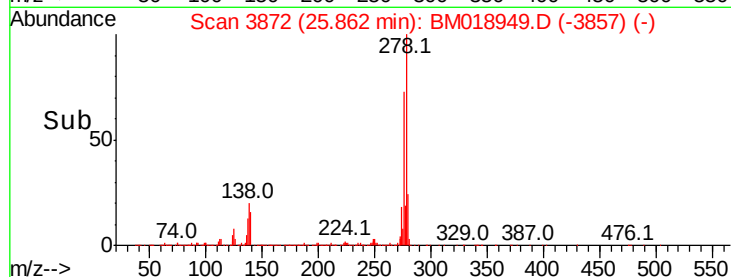
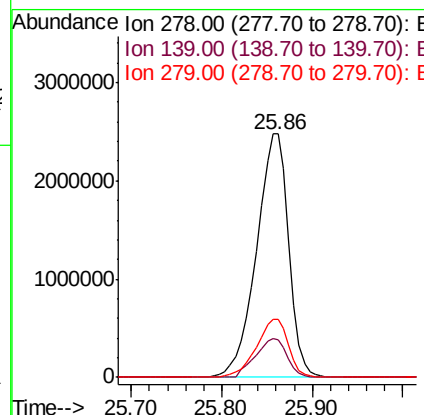
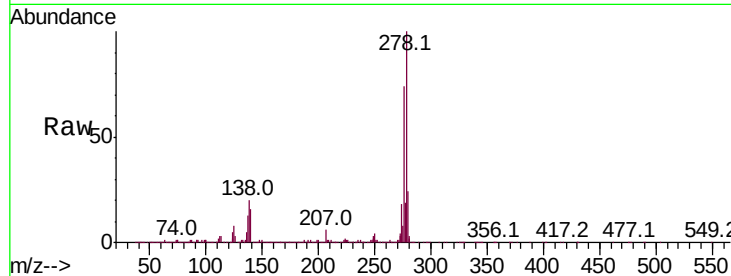
#91
Dibenzo(a,h)anthracene
Concen: 48.245 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Instrument :
BNA_M
ClientSampleId :
PB117349BSD

Tot Ion:278 Resp: 6115007
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 23.9 18.6 28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 47.745 ng
RT: 26.55 min Scan# 3989
Delta R.T. -0.02 min
Lab File: BM018949.D
Acq: 27 Feb 2019 14:56

Tgt Ion:276 Resp: 5633884
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 21.4 17.3 25.9

