

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020193.D
 Acq On : 08 May 2019 14:05
 Operator : JU/SJ
 Sample : PB119288BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:45:26 PM

Quant Time: May 08 15:41:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1738174	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	6406284	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	3673496	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	7770668	20.00	ng	0.00
76) Chrysene-d12	21.37	240	7076992	20.00	ng	0.00
87) Perylene-d12	23.68	264	8515902	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1334317	12.55	ng	0.00
7) Phenol-d6	6.96	99	1770289	12.19	ng	0.01
23) Nitrobenzene-d5	8.96	82	1096792	6.76	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	686803	12.05	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2089219	7.00	ng	0.00
79) Terphenyl-d14	19.80	244	2897001	7.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	153348	2.940	ng	94
3) Pyridine	3.70	79	401452	3.010	ng	95
4) n-Nitrosodimethylamine	3.62	42	142934	3.342	ng	# 73
6) Aniline	7.12	93	489684	2.678	ng	98
8) 2-Chlorophenol	7.35	128	410359	3.544	ng	99
9) Benzaldehyde	6.94	77	178034	1.619	ng	99
10) Phenol	6.99	94	547982	3.504	ng	93
11) bis(2-Chloroethyl)ether	7.22	93	413006	3.633	ng	96
12) 1,3-Dichlorobenzene	7.67	146	468894	3.481	ng	96
13) 1,4-Dichlorobenzene	7.82	146	479001	3.520	ng	95
14) 1,2-Dichlorobenzene	8.13	146	455080	3.510	ng	96
15) Benzyl Alcohol	8.03	79	455588	3.252	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	303907	3.224	ng	95
17) 2-Methylphenol	8.23	107	352671	3.503	ng	95
18) Hexachloroethane	8.86	117	192371	3.390	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	398502	3.206	ng	94
20) 3+4-Methylphenols	8.56	107	460197	3.439	ng	97
22) Acetophenone	8.62	105	641619	3.665	ng	# 96
24) Nitrobenzene	9.00	77	573366	3.408	ng	95
25) Isophorone	9.52	82	979358	3.500	ng	98
26) 2-Nitrophenol	9.70	139	221581	4.362	ng	93
27) 2,4-Dimethylphenol	9.76	122	351000	4.151	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	543081	3.563	ng	99
29) 2,4-Dichlorophenol	10.23	162	390522	3.662	ng	95
30) 1,2,4-Trichlorobenzene	10.45	180	485970	3.704	ng	97
31) Naphthalene	10.63	128	1185248	3.565	ng	99
32) Benzoic acid	9.90	122	215736	9.702	ng	88
33) 4-Chloroaniline	10.75	127	279427	2.042	ng	96
34) Hexachlorobutadiene	10.90	225	325708	3.509	ng	95
35) Caprolactam	11.56	113	103855m	3.257	ng	
36) 4-Chloro-3-methylphenol	11.87	107	406096	3.241	ng	98
37) 2-Methylnaphthalene	12.24	142	865462	3.571	ng	97
38) 1-Methylnaphthalene	12.47	142	811442	3.424	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	550077	3.827	ng	99

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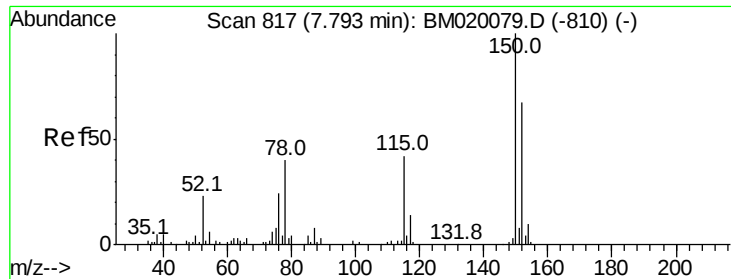
Manual Integrations
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 5/9/2019 6:45:26 PM

Quant Time: May 08 15:41:09 2019
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 QLast Update : Wed May 01 03:58:37 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	642881	7.597	ng	99
43) 2,4,6-Trichlorophenol	12.86	196	333658	4.085	ng	98
44) 2,4,5-Trichlorophenol	12.93	196	341776	3.746	ng	95
46) 1,1'-Biphenyl	13.26	154	1103398	3.649	ng	98
47) 2-Chloronaphthalene	13.31	162	882065	3.654	ng	100
48) 2-Nitroaniline	13.52	65	283992	3.304	ng	93
49) Acenaphthylene	14.16	152	1303200	3.373	ng	99
50) Dimethylphthalate	13.89	163	1035715	3.317	ng	99
51) 2,6-Dinitrotoluene	14.02	165	225404	3.428	ng	86
52) Acenaphthene	14.50	154	756332	3.414	ng	99
53) 3-Nitroaniline	14.35	138	148293	2.430	ng	91
54) 2,4-Dinitrophenol	14.56	184	261080	15.558	ng	89
55) Dibenzofuran	14.83	168	1262246	3.378	ng	97
56) 4-Nitrophenol	14.66	139	326320	6.266	ng	# 85
57) 2,4-Dinitrotoluene	14.81	165	300727	3.366	ng	# 92
58) Fluorene	15.48	166	991093	3.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	308751	3.561	ng	96
60) Diethylphthalate	15.25	149	991077	3.151	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	583234	3.354	ng	95
62) 4-Nitroaniline	15.52	138	192037	2.851	ng	89
63) Azobenzene	15.77	77	1112998	2.999	ng	97
65) 4,6-Dinitro-2-methylphenol	15.57	198	159609	10.625	ng	96
66) n-Nitrosodiphenylamine	15.69	169	847914	3.708	ng	97
67) 4-Bromophenyl-phenylether	16.37	248	351088	3.684	ng	95
68) Hexachlorobenzene	16.47	284	397525	3.625	ng	97
69) Atrazine	16.64	200	291886	3.266	ng	99
70) Pentachlorophenol	16.83	266	469077	7.477	ng	97
71) Phenanthrene	17.23	178	1479858	3.450	ng	99
72) Anthracene	17.32	178	1493551	3.483	ng	99
73) Carbazole	17.59	167	1252578	3.237	ng	99
74) Di-n-butylphthalate	18.14	149	1582445	3.398	ng	98
75) Fluoranthene	19.24	202	1720863	3.171	ng	100
77) Benzidine	19.43	184	575745	2.545	ng	97
78) Pyrene	19.60	202	1745215	3.673	ng	99
80) Butylbenzylphthalate	20.50	149	676248	3.914	ng	98
81) Benzo(a)anthracene	21.36	228	1693940	3.413	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	642705	3.393	ng	99
83) Chrysene	21.41	228	1633523	3.394	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	977083	3.644	ng	98
85) Di-n-octyl phthalate	22.16	149	1681403	3.773	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	2323392	4.058	ng	# 100
88) Benzo(b)fluoranthene	22.97	252	1872458	3.330	ng	100
89) Benzo(k)fluoranthene	23.01	252	1733877	3.380	ng	99
90) Benzo(a)pyrene	23.56	252	1806108	3.536	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2015027	3.793	ng	99
92) Benzo(g,h,i)perylene	26.72	276	1927460	3.822	ng	99

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



#1

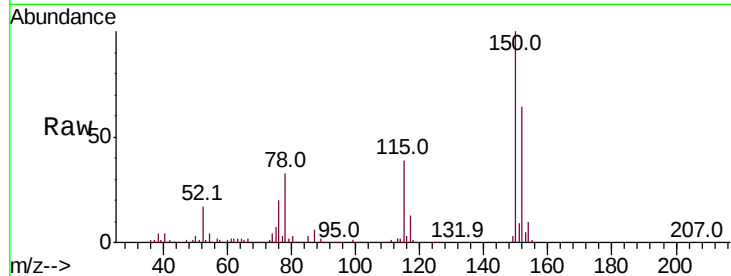
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.8	179.8
115	61.2	50.8	76.2

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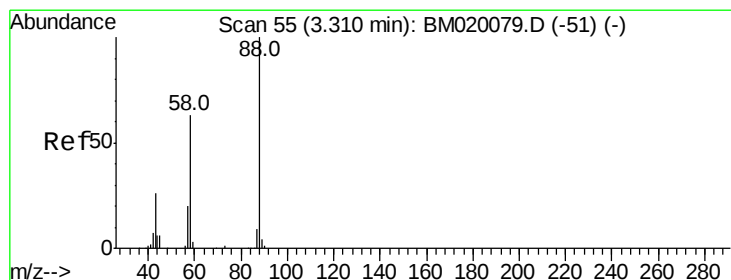
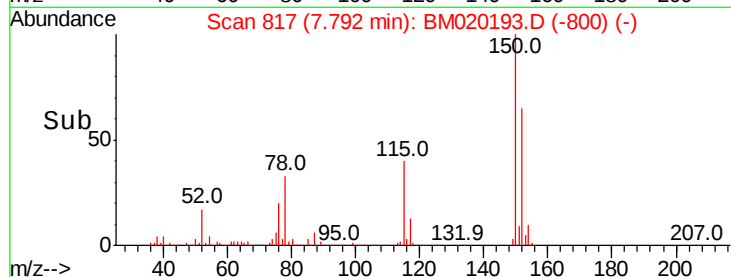
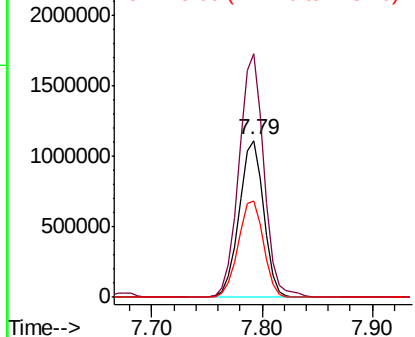


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

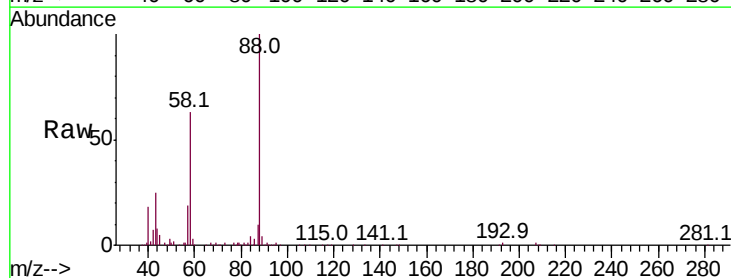
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.940 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.3	51.8	77.6
43	22.8	20.3	30.5

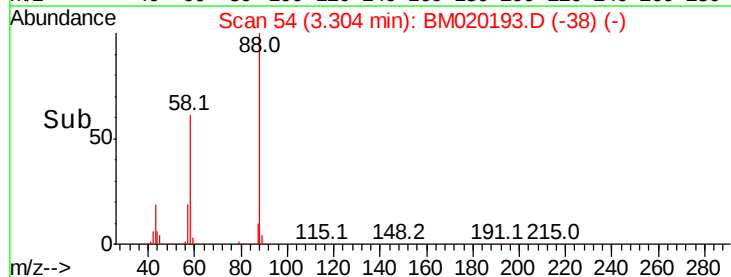
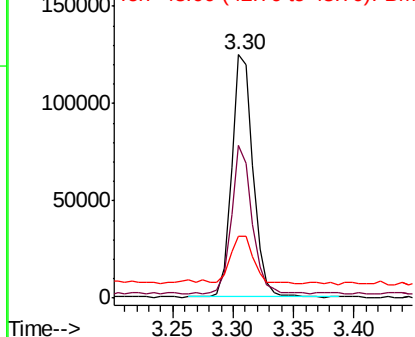


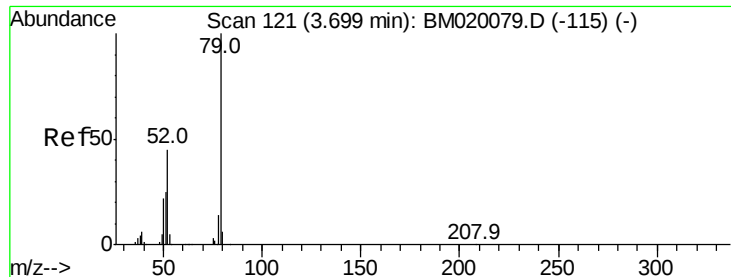
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 3.010 ng

RT: 3.70 min Scan# 122

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

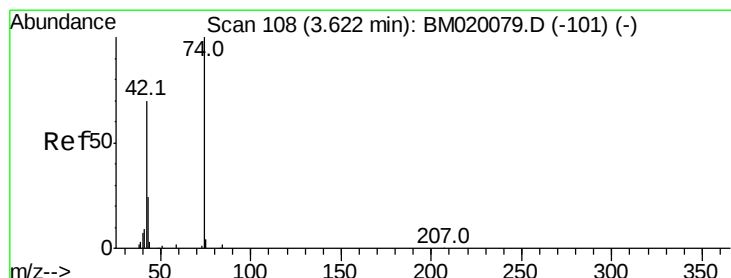
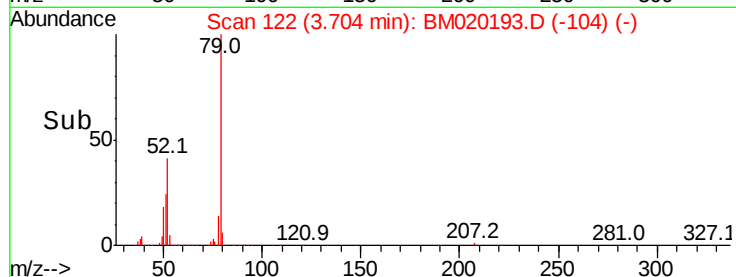
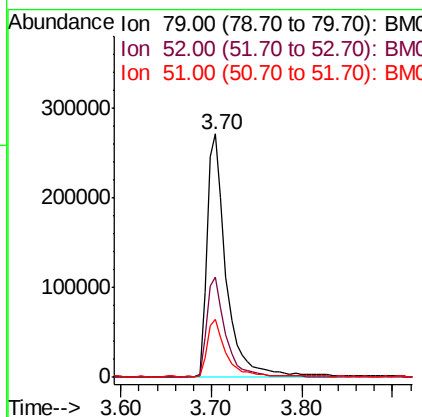
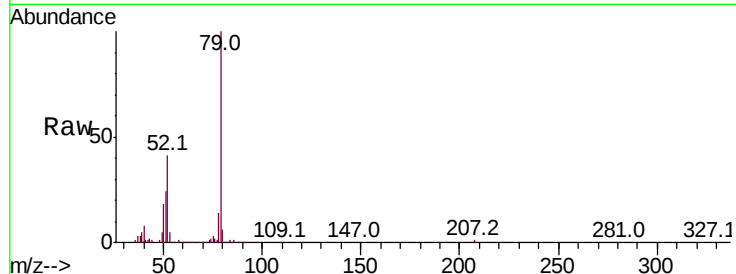
ClientSampleId :

PB119288BS

Tot Ion:	79	Resp:	401452
Ion Ratio	Lower	Upper	
79	100		
52	41.1	35.7	53.5
51	24.0	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 3.342 ng

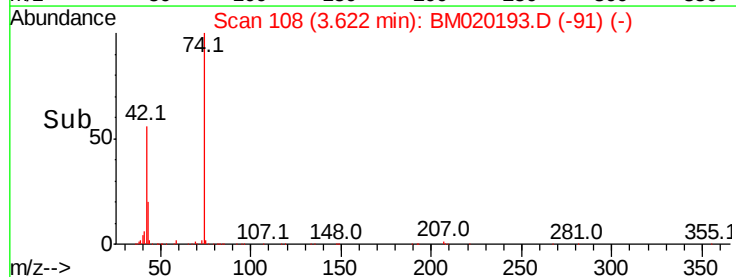
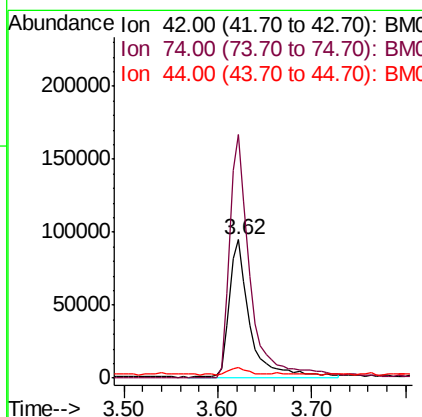
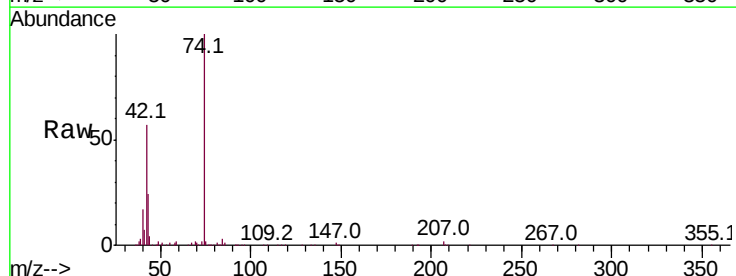
RT: 3.62 min Scan# 108

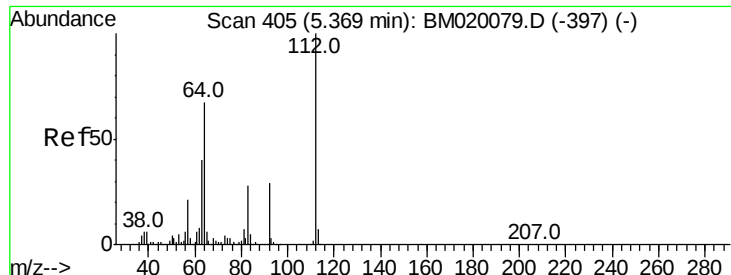
Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Tgt Ion:	42	Resp:	142934
Ion Ratio	Lower	Upper	
42	100		
74	176.3	113.7	170.5#
44	7.4	3.9	5.9#





#5

2-Fluorophenol

Concen: 12.548 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:112 Resp: 1334317

Ion Ratio Lower Upper

112 100

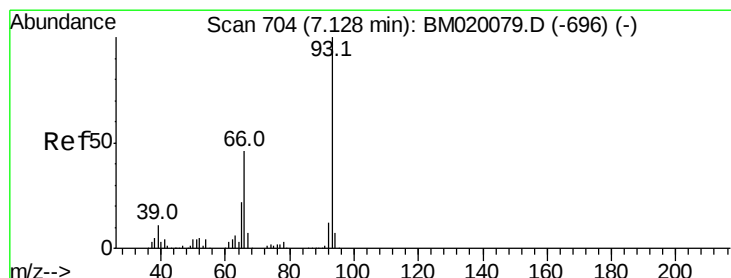
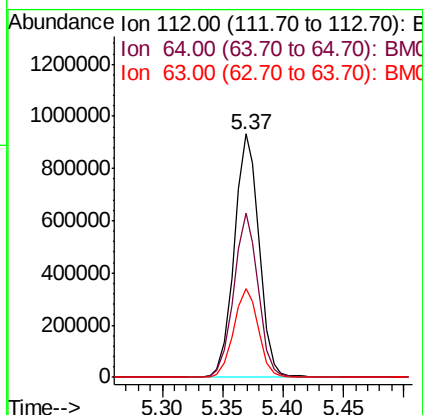
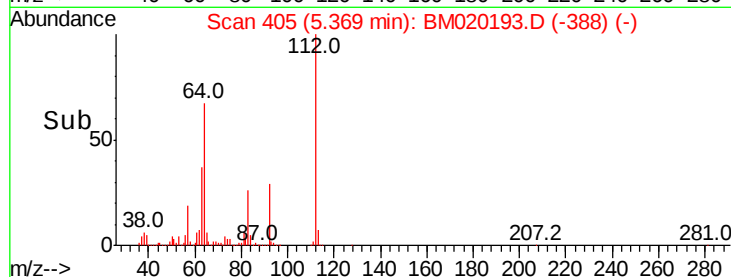
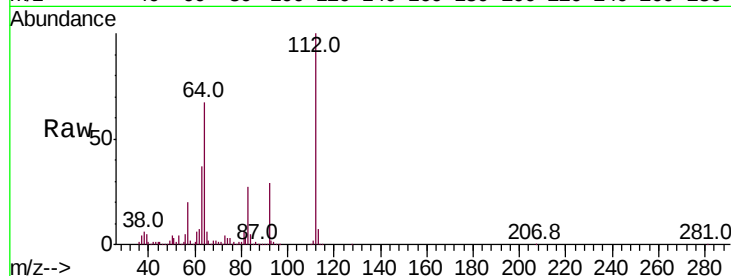
64 67.2 53.8 80.6

63 36.6 32.3 48.5

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#6

Aniline

Concen: 2.678 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

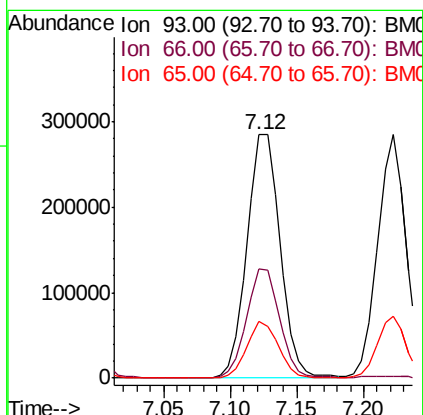
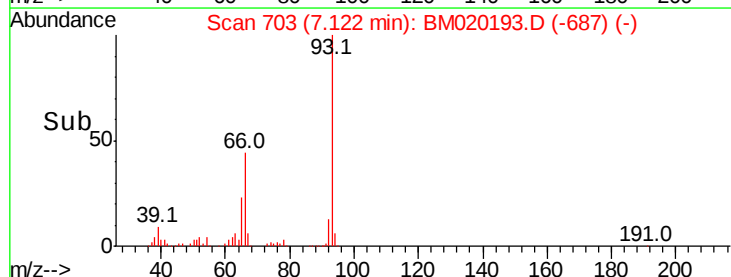
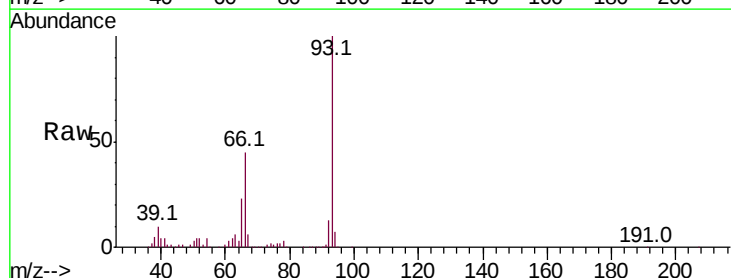
Tgt Ion: 93 Resp: 489684

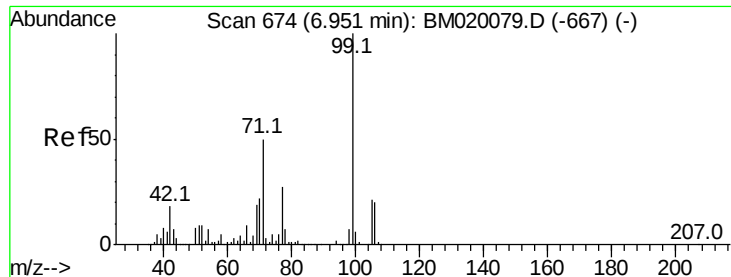
Ion Ratio Lower Upper

93 100

66 44.7 36.6 54.8

65 23.3 17.8 26.6





#7

Phenol-d6

Concen: 12.186 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampled :

PB119288BS

Tot Ion: 99 Resp: 1770289

Ion Ratio Lower Upper

99 100

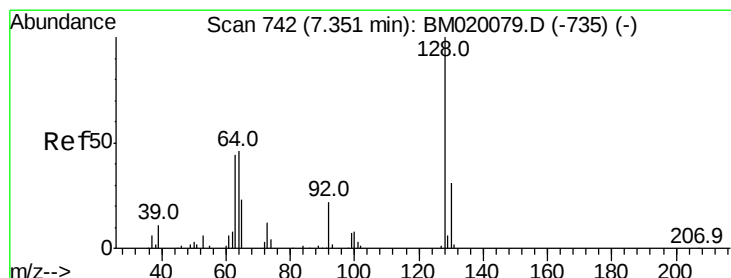
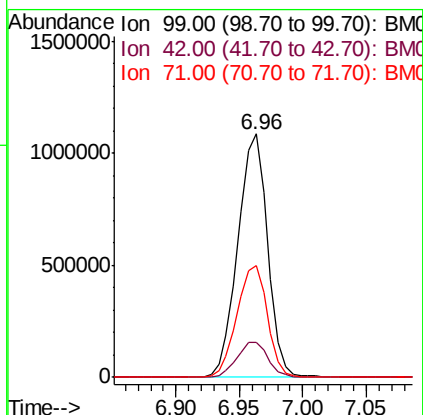
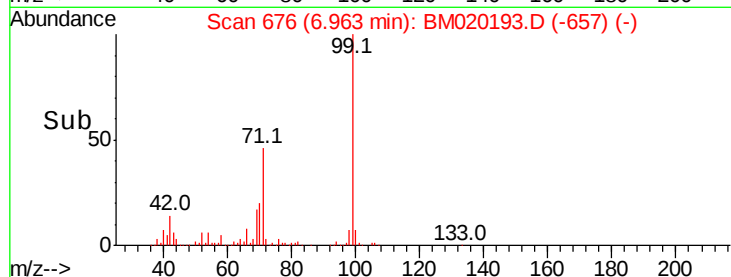
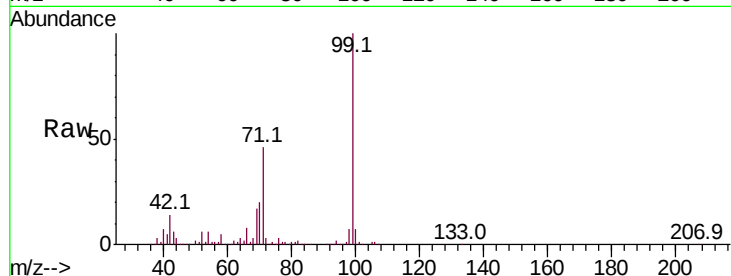
42 14.3 14.2 21.2

71 46.1 40.3 60.5

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#8

2-Chlorophenol

Concen: 3.544 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

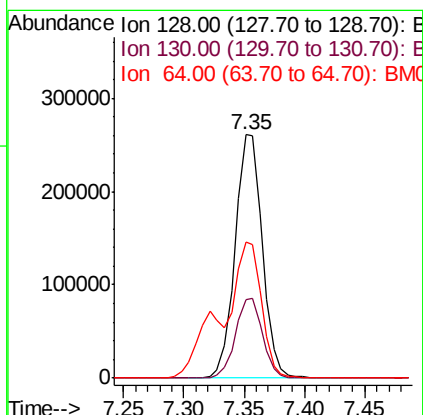
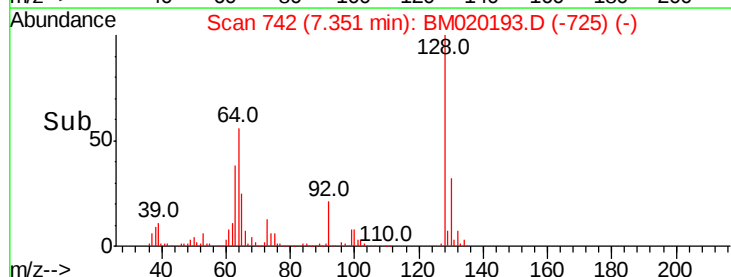
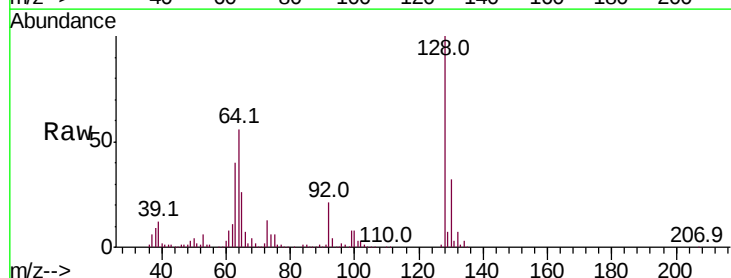
Tgt Ion: 128 Resp: 410359

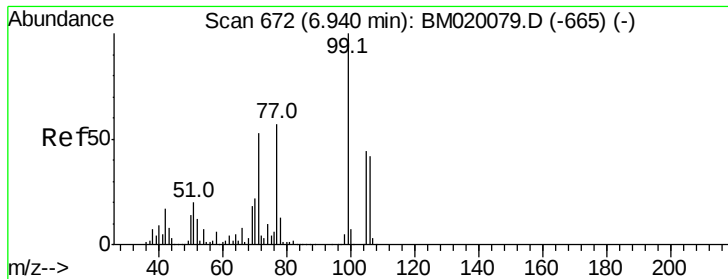
Ion Ratio Lower Upper

128 100

130 32.4 10.8 50.8

64 56.1 36.5 76.5





#9

Benzaldehyde

Concen: 1.619 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

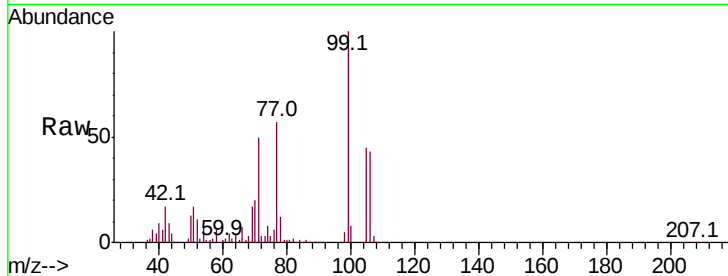
ClientSampled :

PB119288BS

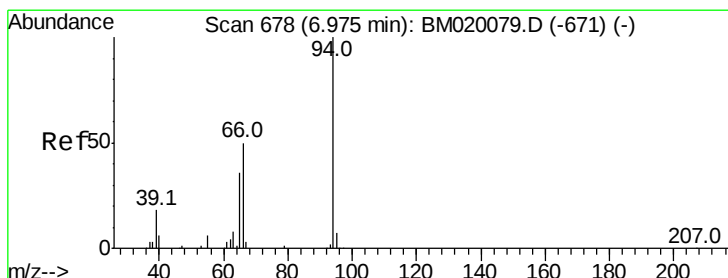
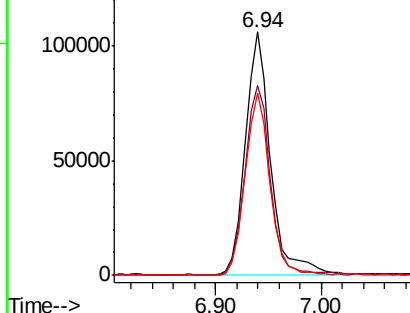
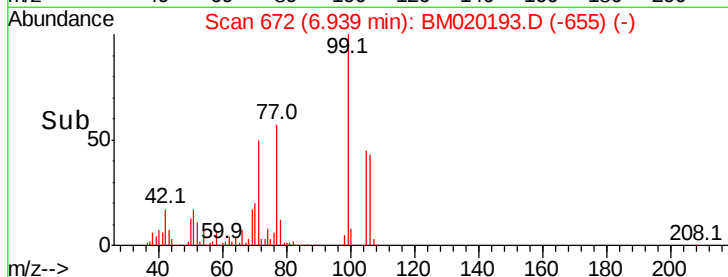
Tot Ion:	77	Resp:	178034
Ion Ratio	Lower	Upper	
77	100		
105	78.2	57.8	97.8
106	75.0	53.6	93.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BM020193.D (-655) (-)



#10

Phenol

Concen: 3.504 ng

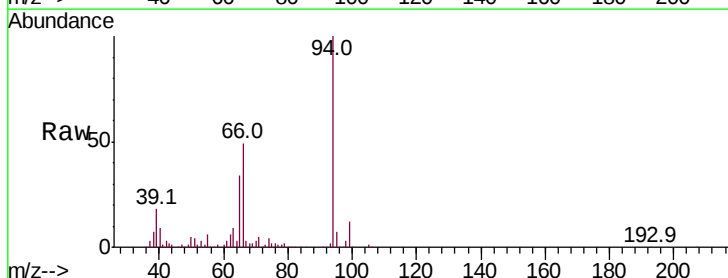
RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

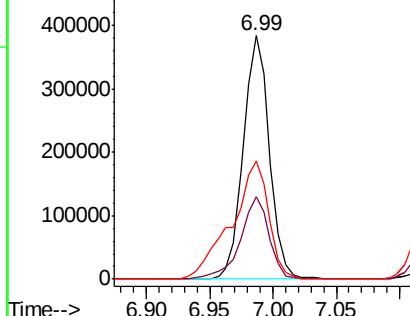
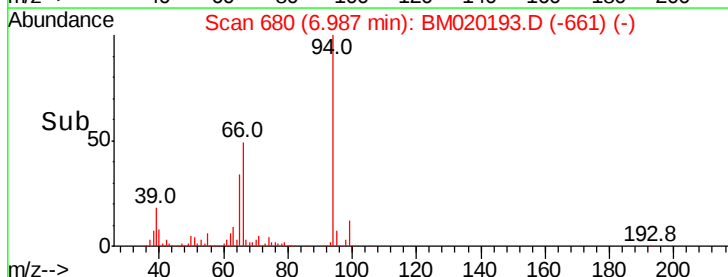
Lab File: BM020193.D

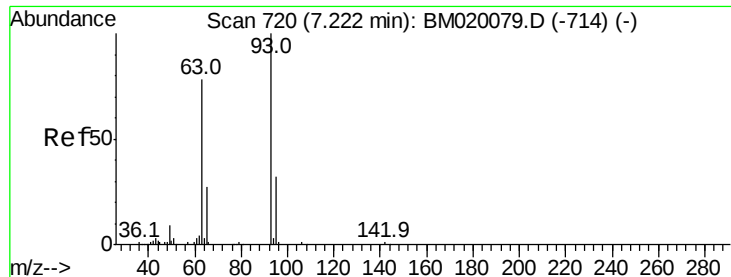
Acq: 08 May 2019 14:05

Tgt Ion:	94	Resp:	547982
Ion Ratio	Lower	Upper	
94	100		
65	33.6	17.0	57.0
66	48.6	34.5	74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020193.D (-661) (-)





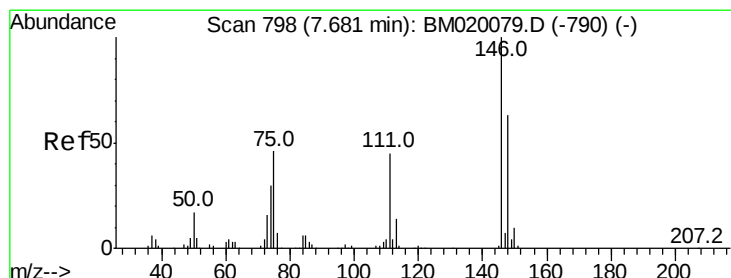
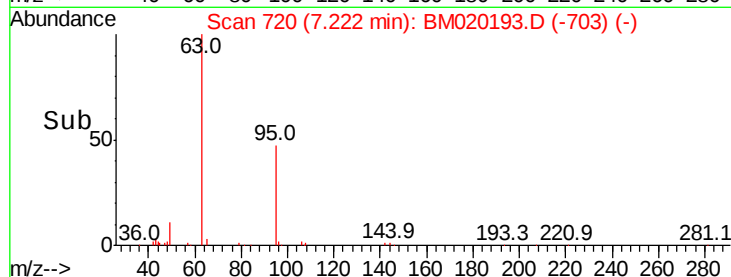
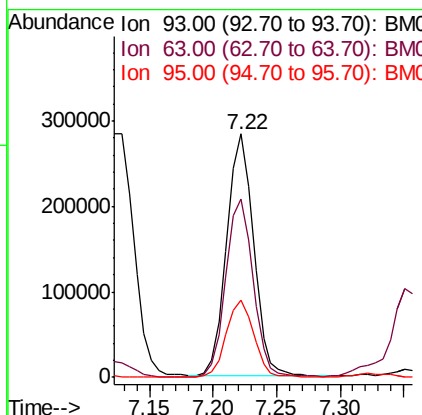
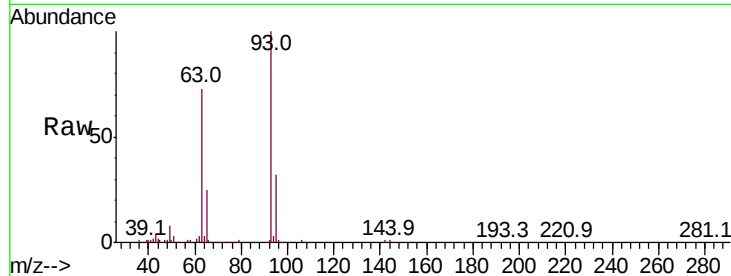
#11
bis(2-Chloroethyl)ether
Concen: 3.633 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:	93	Resp:	413006
Ion Ratio	Lower	Upper	
93	100		
63	73.3	57.9	97.9
95	32.0	11.3	51.3

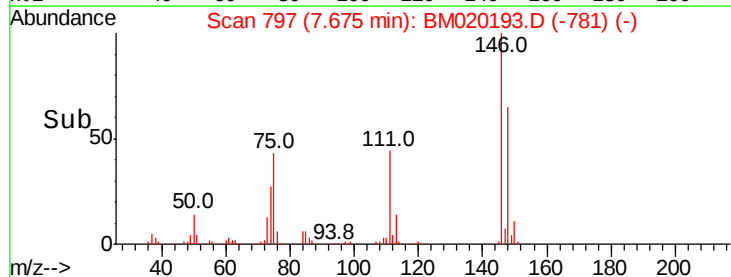
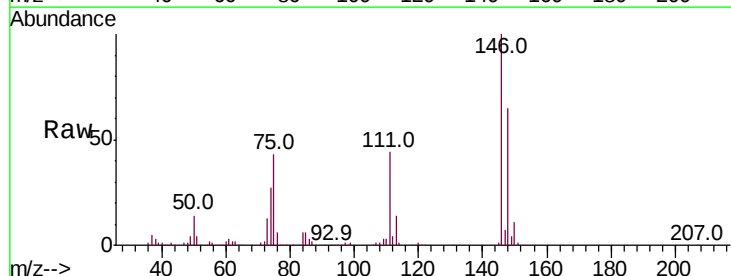
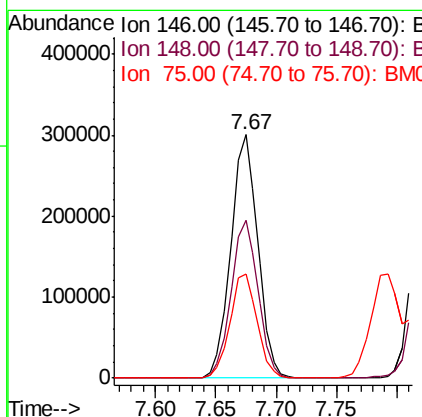
Manual Integrations
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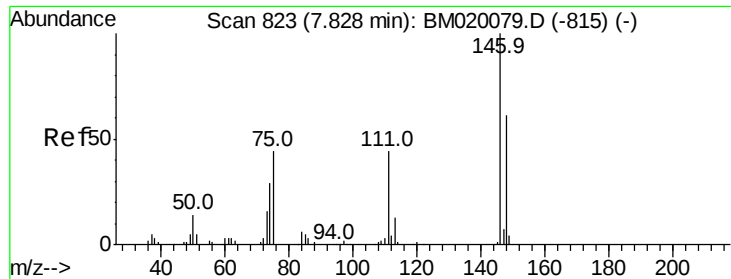
Sohil
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#12
1,3-Dichlorobenzene
Concen: 3.481 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion:	146	Resp:	468894
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.1	75.1
75	43.0	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 3.520 ng

RT: 7.82 min Scan# 822

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:146 Resp: 479001

Ion Ratio Lower Upper

146 100

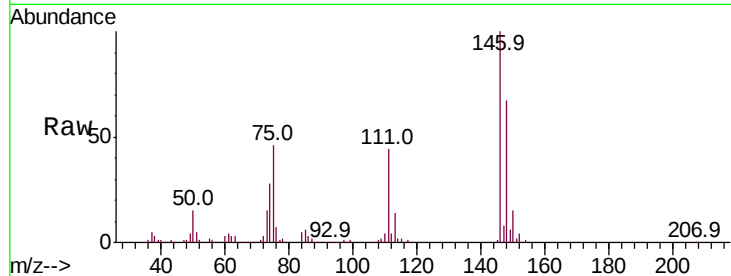
148 66.5 48.5 72.7

111 44.3 35.7 53.5

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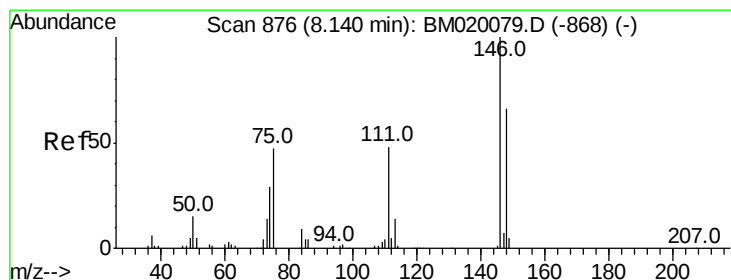
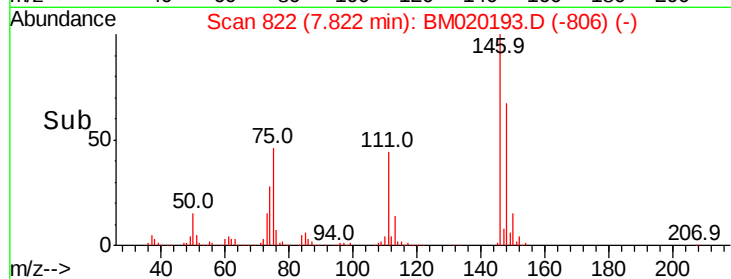
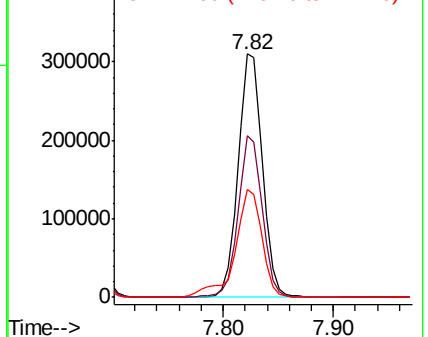


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 3.510 ng

RT: 8.13 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

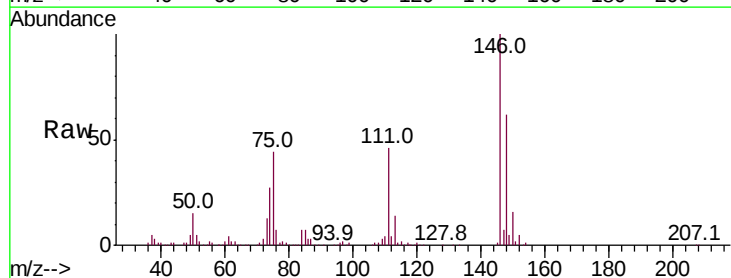
Tgt Ion:146 Resp: 455080

Ion Ratio Lower Upper

146 100

148 62.2 52.6 79.0

111 46.4 39.0 58.4

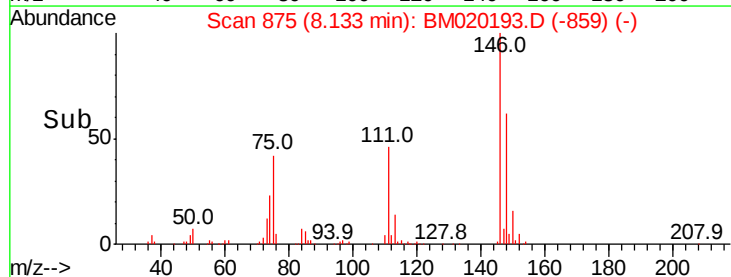
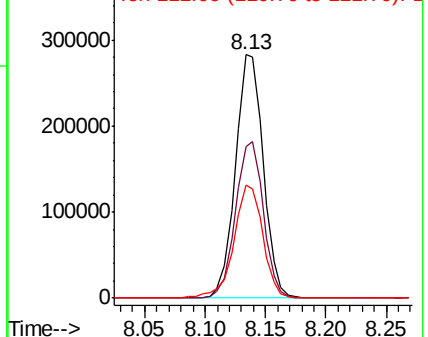


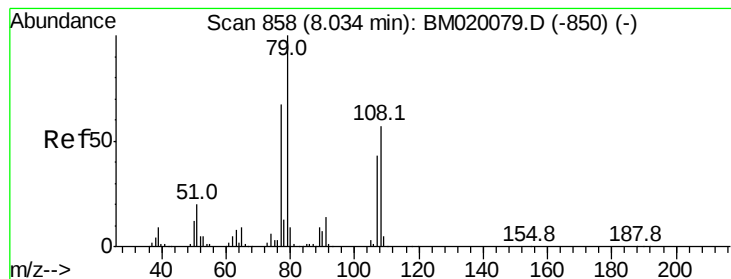
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.252 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

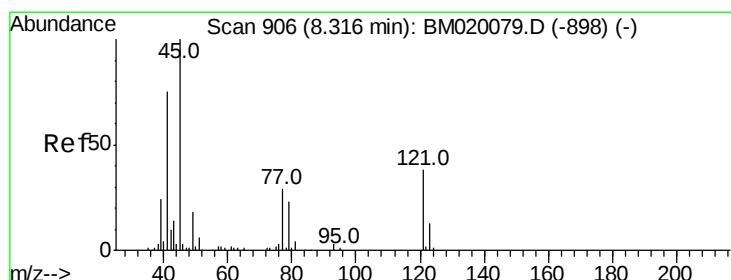
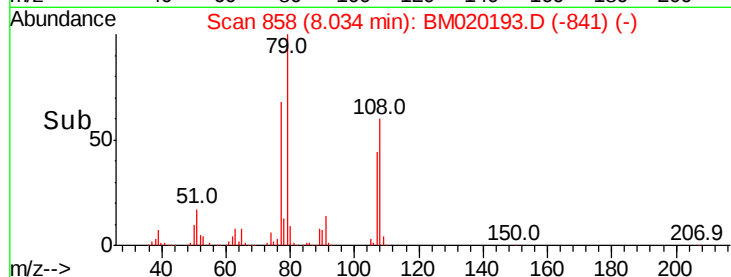
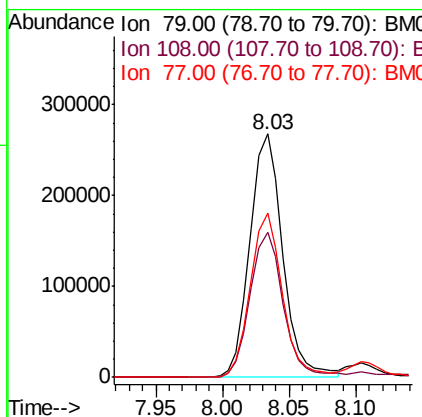
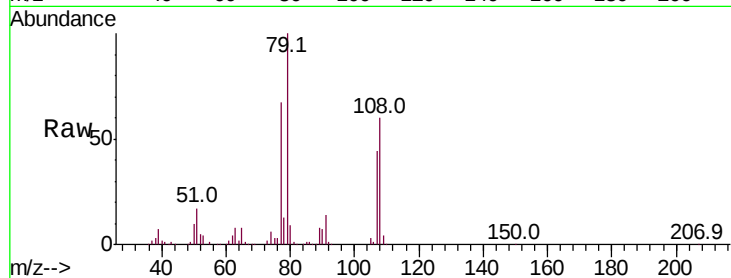
ClientSampleId :

PB119288BS

Tot Ion:	79	Resp:	455588
Ion Ratio	Lower	Upper	
79	100		
108	59.5	46.0	69.0
77	67.4	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 3.224 ng

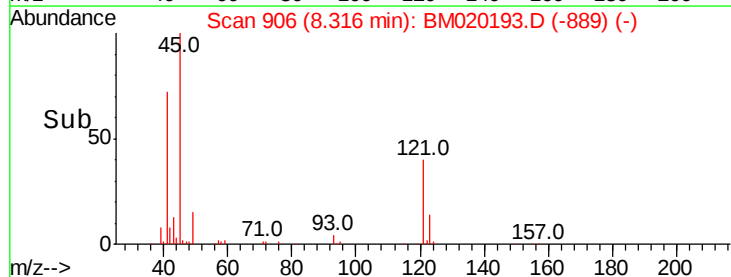
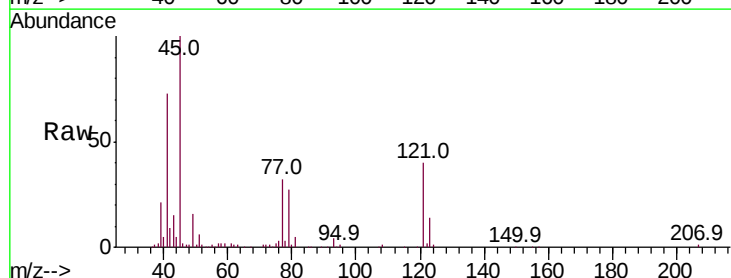
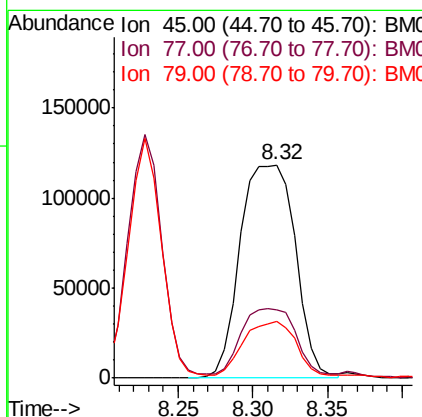
RT: 8.32 min Scan# 906

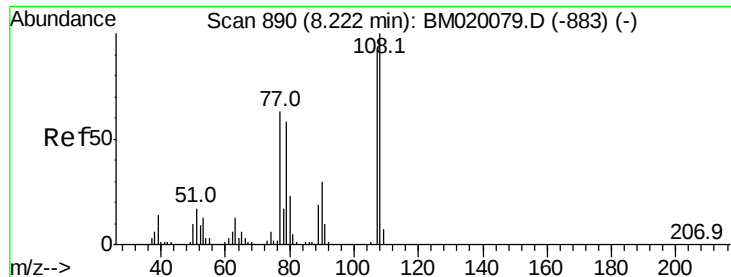
Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Tgt Ion:	45	Resp:	303907
Ion Ratio	Lower	Upper	
45	100		
77	32.2	10.5	50.5
79	26.5	3.3	43.3





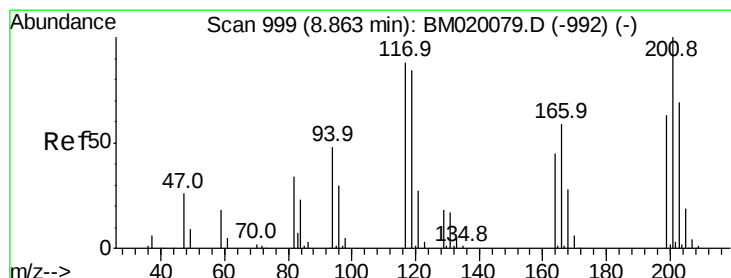
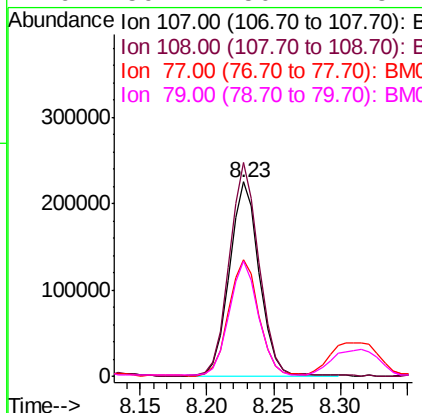
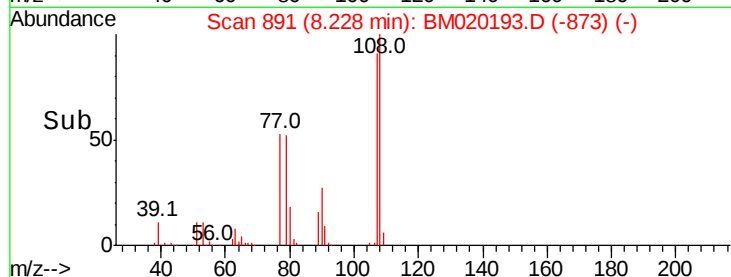
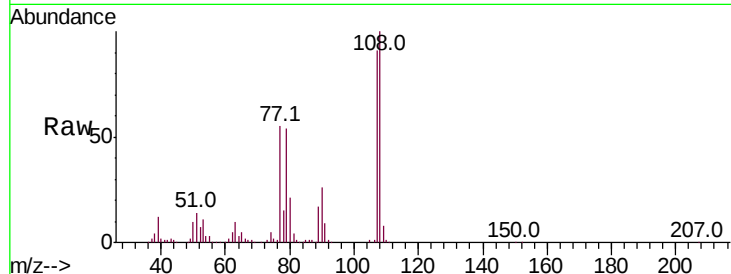
#17
2-Methylphenol
Concen: 3.503 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	87.0	130.4	
77	60.1	54.7	82.1	
79	59.1	50.1	75.1	

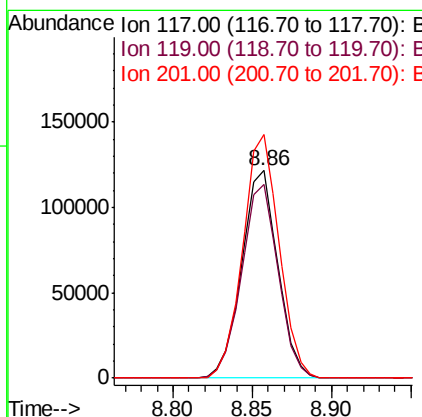
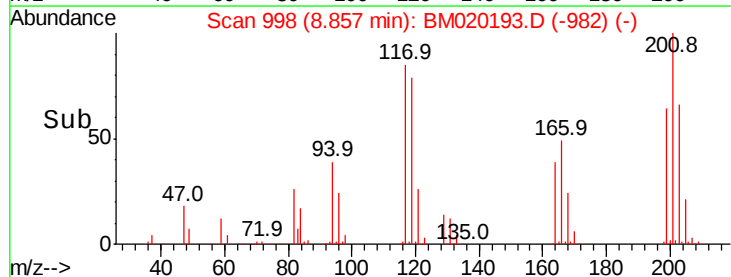
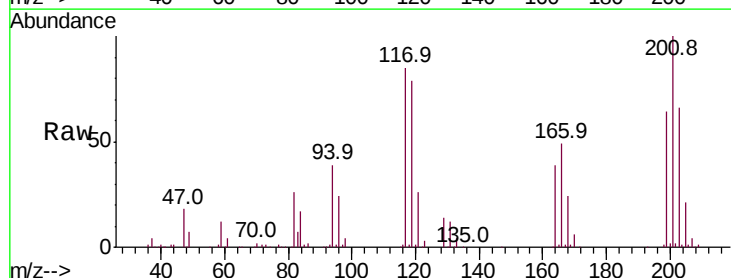
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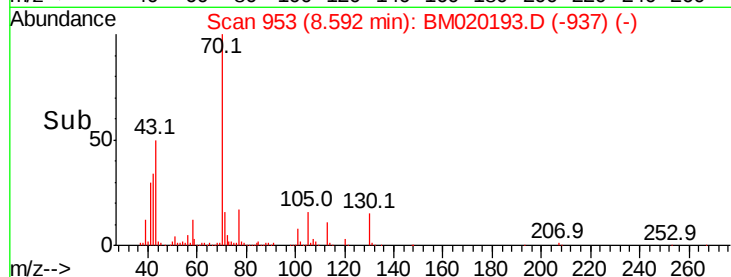
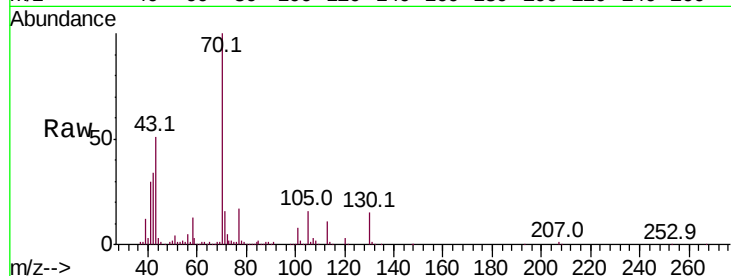
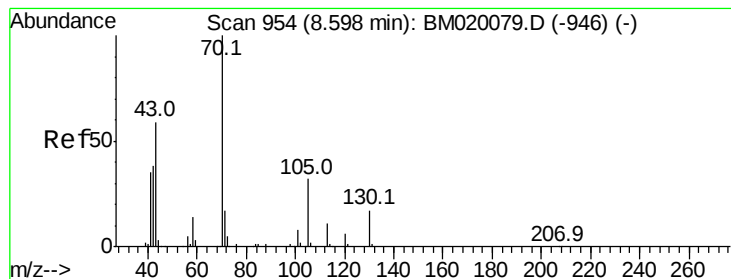
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#18
Hexachloroethane
Concen: 3.390 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	76.6	114.8	
201	117.3	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 3.206 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion: 70 Resp: 398502

Ion Ratio Lower Upper

70 100

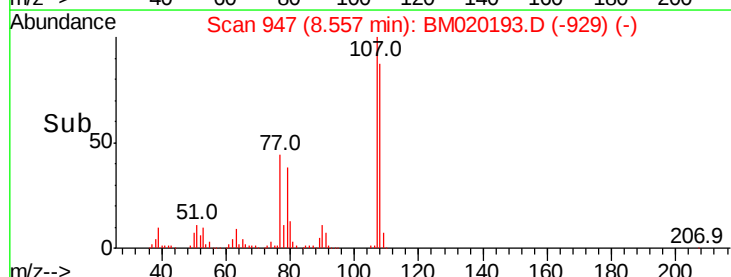
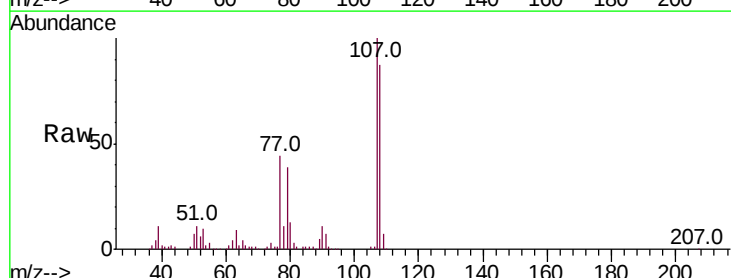
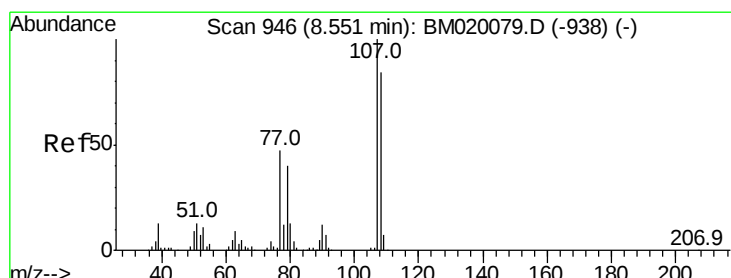
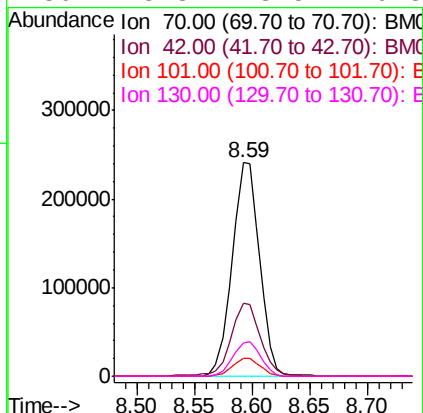
42 33.9 31.0 46.4

101 8.4 6.2 9.2

130 15.3 13.5 20.3

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#20

3+4-Methylphenols

Concen: 3.439 ng

RT: 8.56 min Scan# 947

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Tgt Ion: 107 Resp: 460197

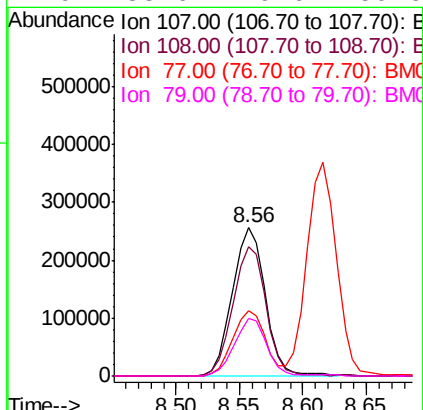
Ion Ratio Lower Upper

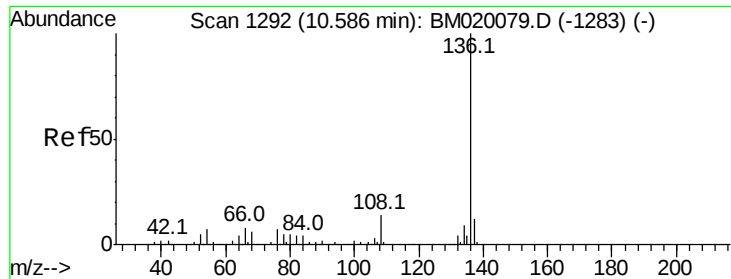
107 100

108 86.8 64.4 104.4

77 44.0 27.2 67.2

79 38.6 19.6 59.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:136 Resp: 6406284

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	6.2	5.5	8.3
68	6.8	4.6	6.8

136 100

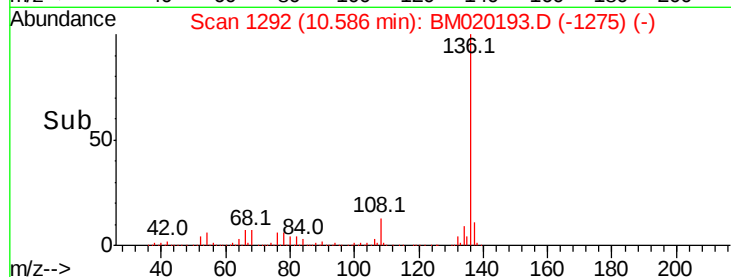
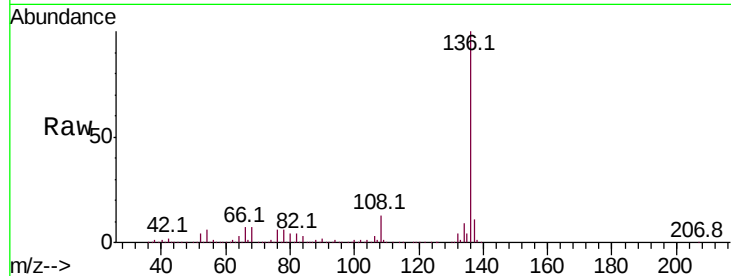
137 11.2 9.6 14.4

54 6.2 5.5 8.3

68 6.8 4.6 6.8

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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

6000000

5000000

4000000

3000000

2000000

1000000

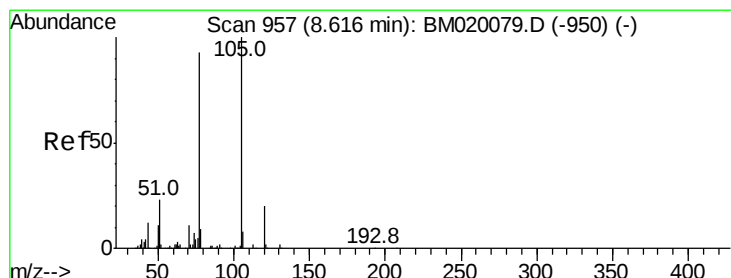
0

10.50

10.60

10.70

Time-->



#22

Acetophenone

Concen: 3.665 ng

RT: 8.62 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Tgt Ion:105 Resp: 641619

Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.2	3.2#
51	20.1	19.3	28.9
120	20.4	16.2	24.4

105 100

71 1.5 2.2 3.2#

51 20.1 19.3 28.9

120 20.4 16.2 24.4

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

600000

500000

400000

300000

200000

100000

0

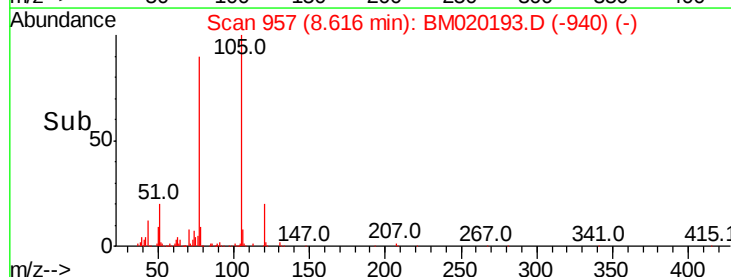
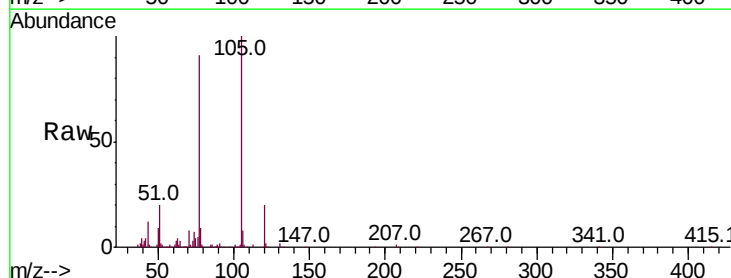
8.55

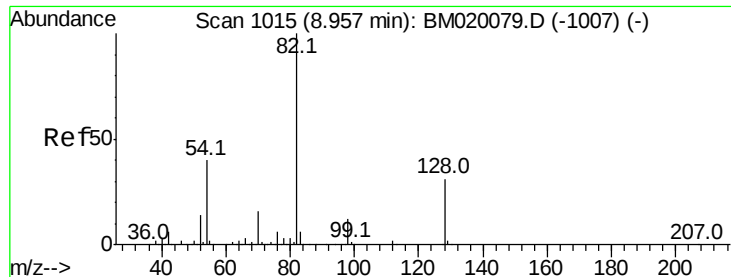
8.60

8.65

8.70

Time-->





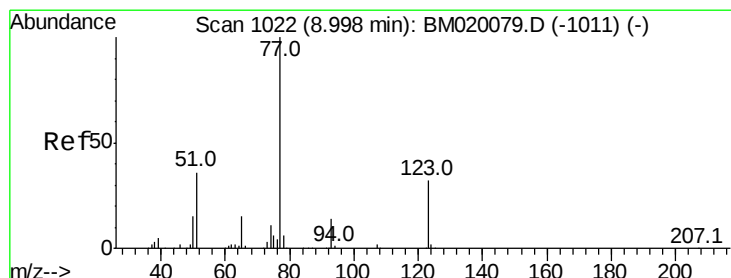
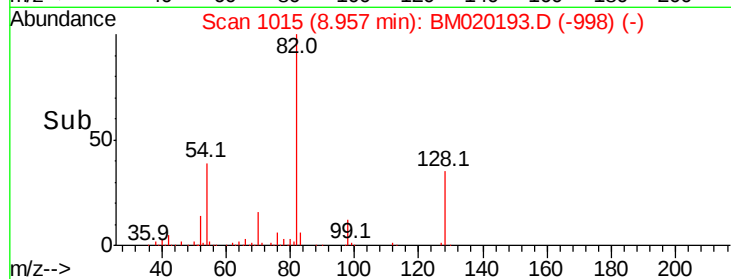
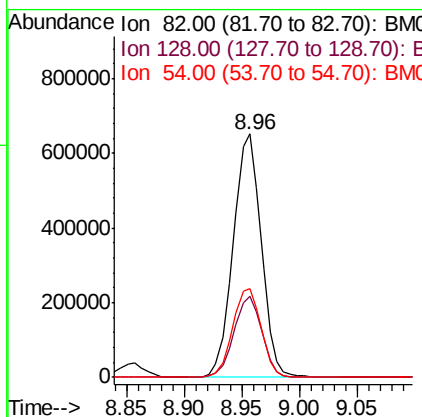
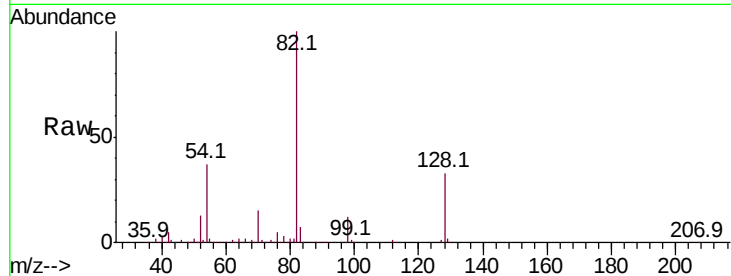
#23
Nitrobenzene-d5
Concen: 6.759 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.2	37.8
54	36.6	31.9	47.9

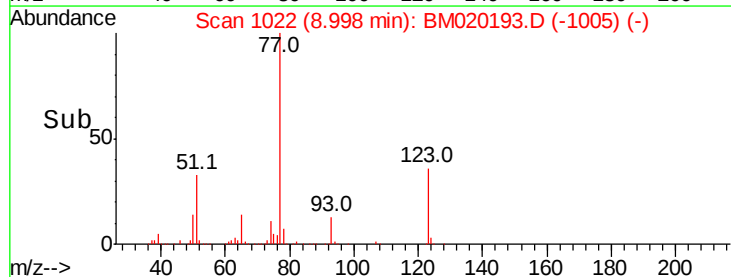
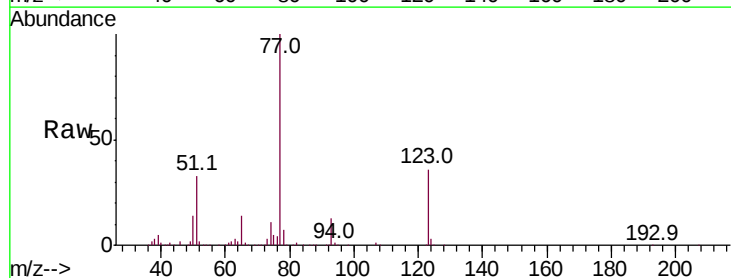
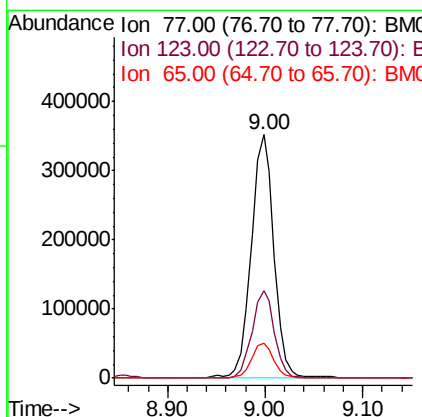
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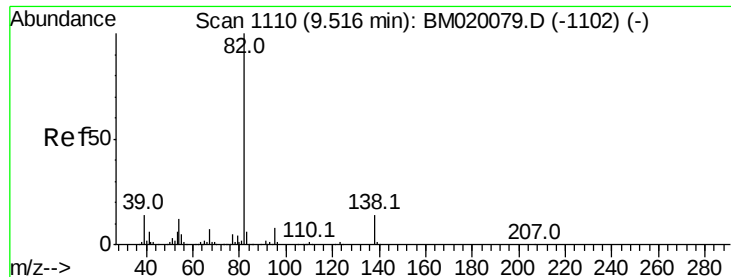
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#24
Nitrobenzene
Concen: 3.408 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	25.5	38.3
65	14.4	11.8	17.6





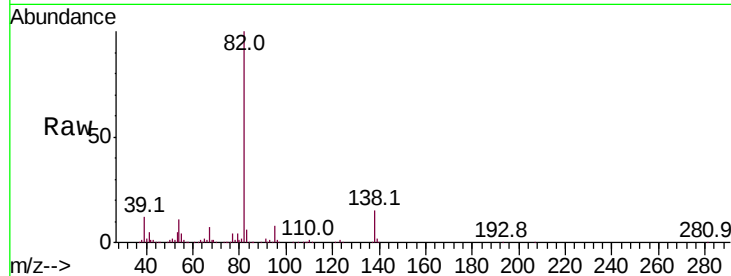
#25
Isophorone
Concen: 3.500 ng
RT: 9.52 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

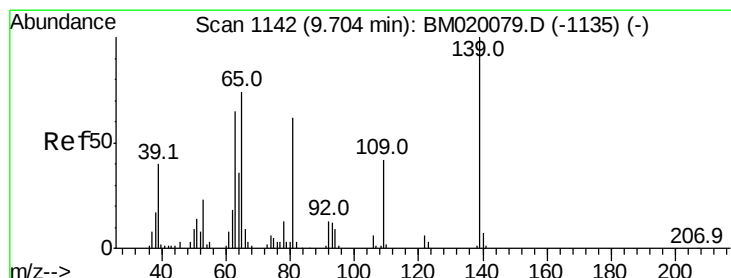
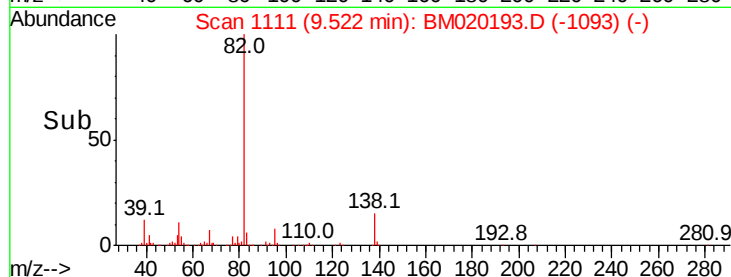
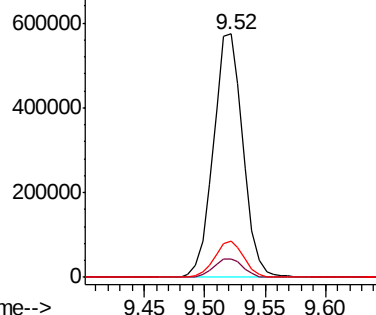
Tot Ion	82	Resp	979358
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.4	9.6
138	15.1	11.1	16.7

Manual Integrations
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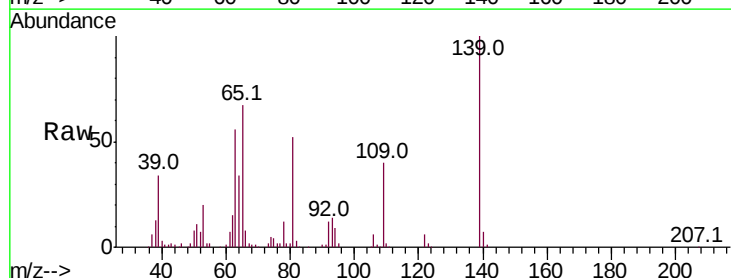


Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)
Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)
Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)

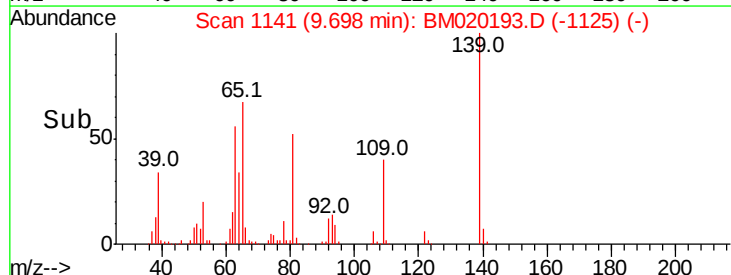
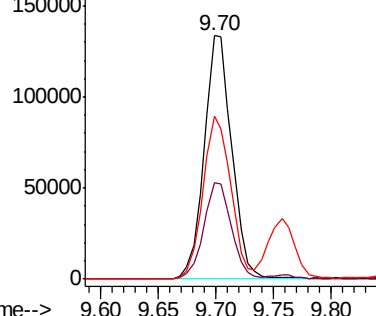


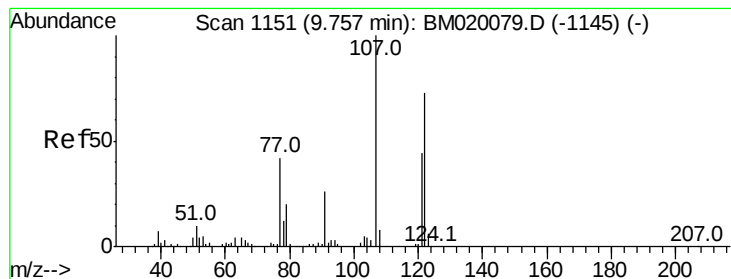
#26
2-Nitrophenol
Concen: 4.362 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	139	Resp	221581
Ion Ratio	Lower	Upper	
139	100		
109	39.8	33.7	50.5
65	67.1	59.5	89.3



Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)
Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)
Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)





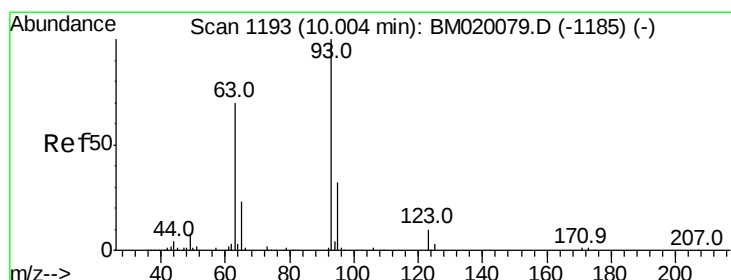
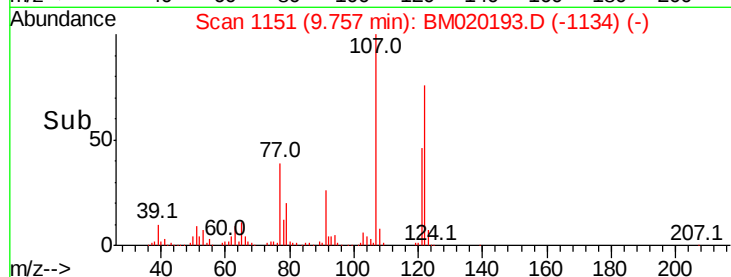
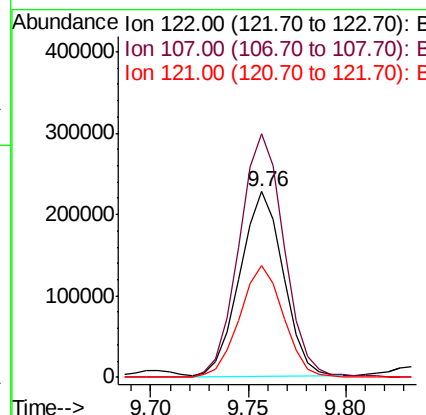
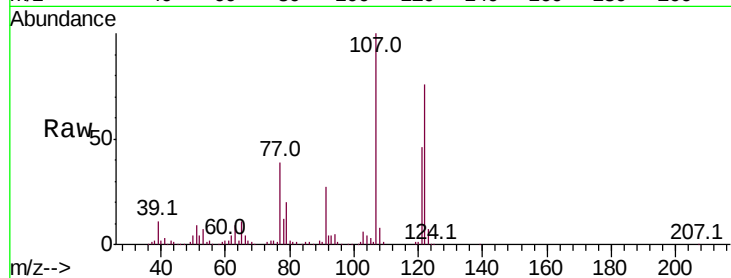
#27
 2,4-Dimethylphenol
 Concen: 4.151 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.0	108.6	162.8
121	60.5	47.4	71.2

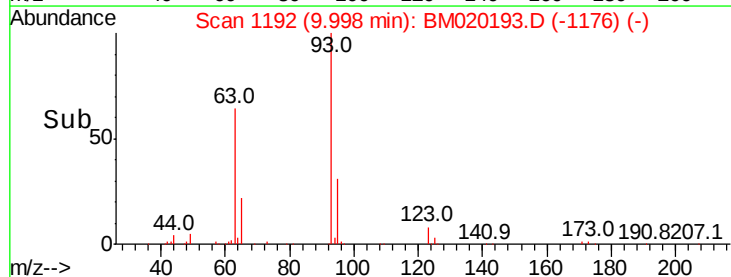
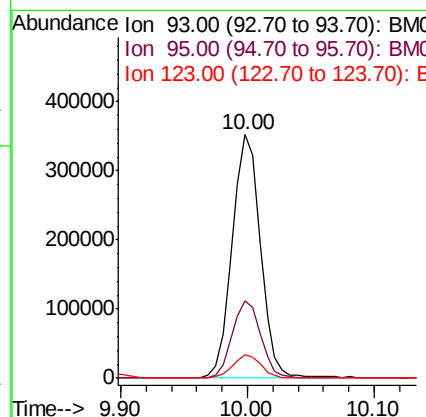
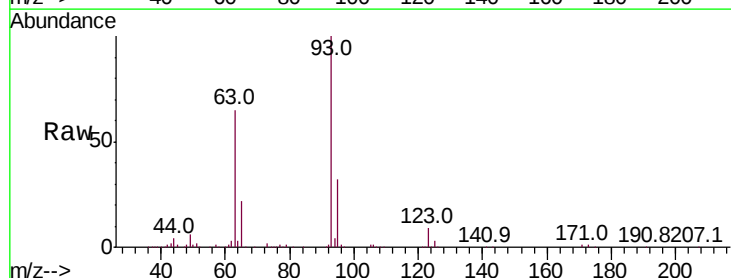
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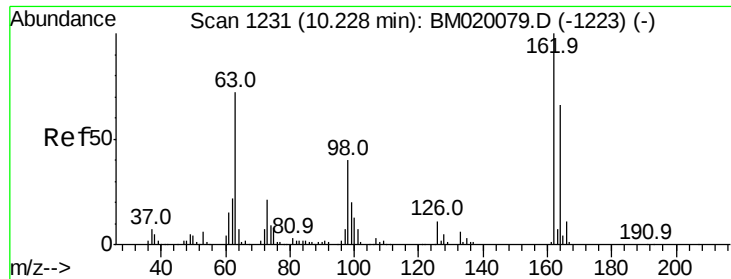
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 3.563 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	9.4	7.6	11.4





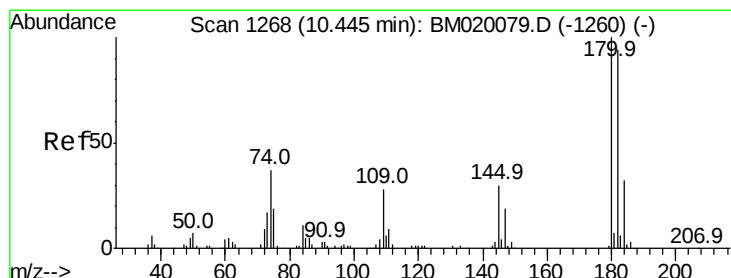
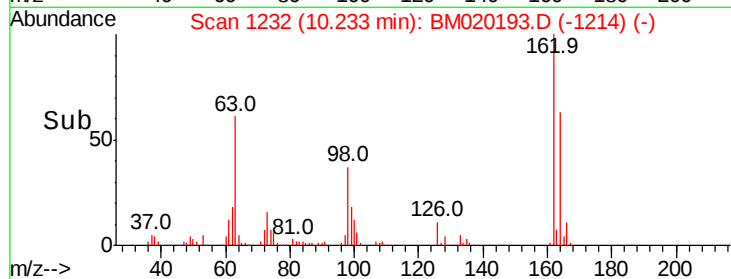
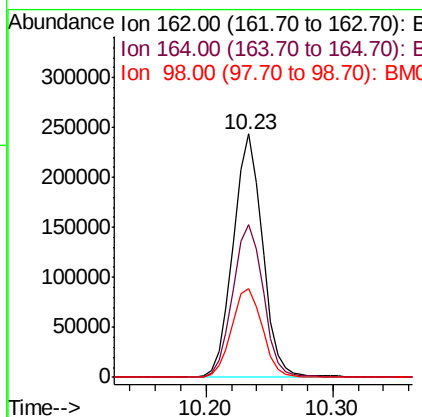
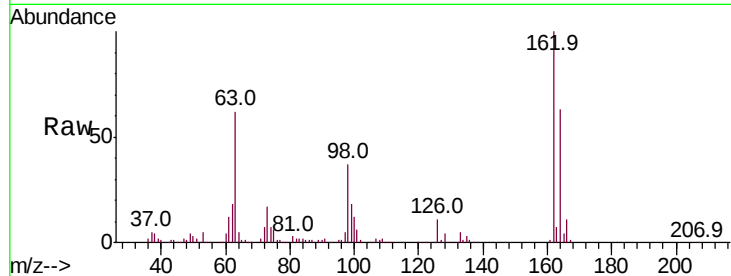
#29
2,4-Dichlorophenol
Concen: 3.662 ng
RT: 10.23 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	390522		
164	62.6		45.6	85.6
98	36.6		20.4	60.4

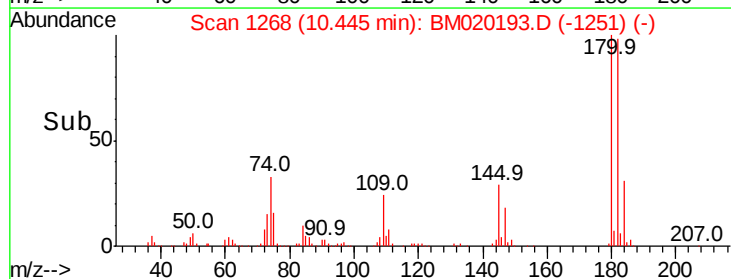
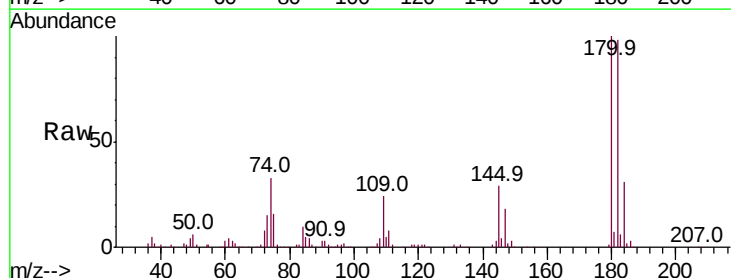
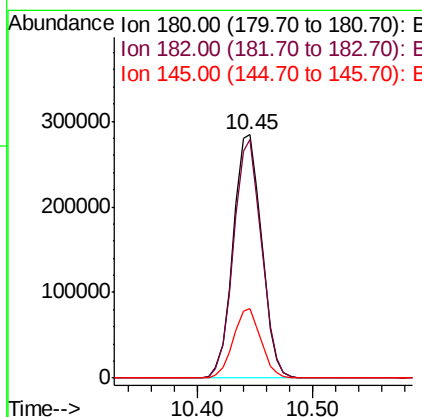
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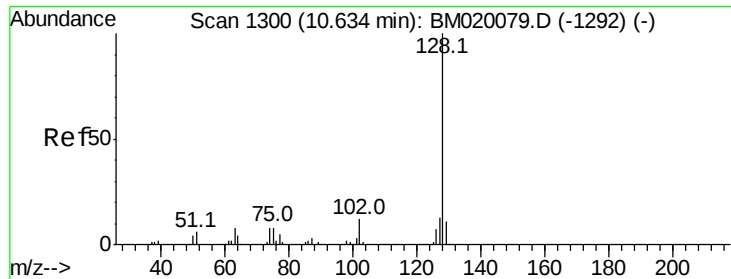
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#30
1,2,4-Trichlorobenzene
Concen: 3.704 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	485970		
182	97.9		75.4	113.0
145	28.5		23.8	35.8





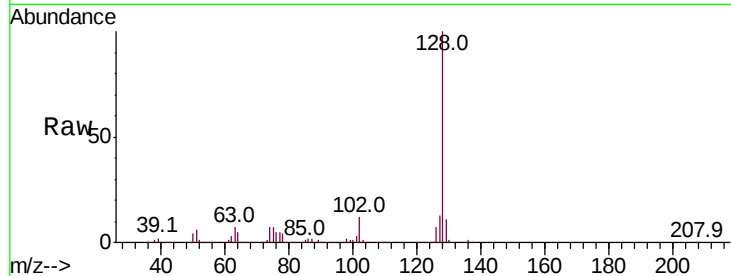
#31
Naphthalene
Concen: 3.565 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.4	10.4	15.6

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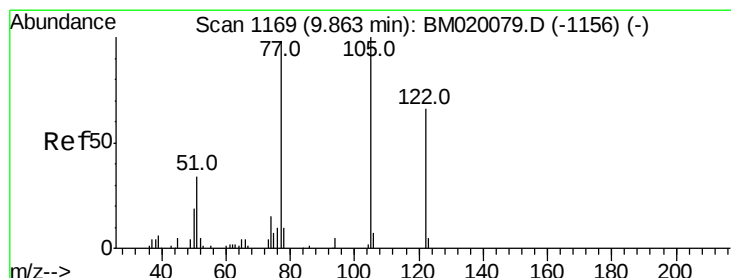
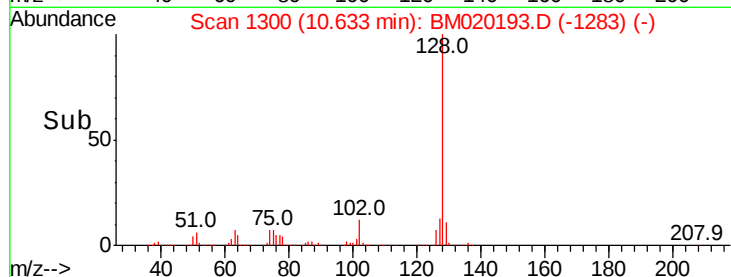
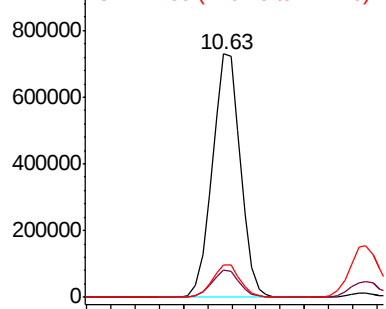


Abundance

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: 9.702 ng
RT: 9.90 min Scan# 1175
Delta R.T. 0.04 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

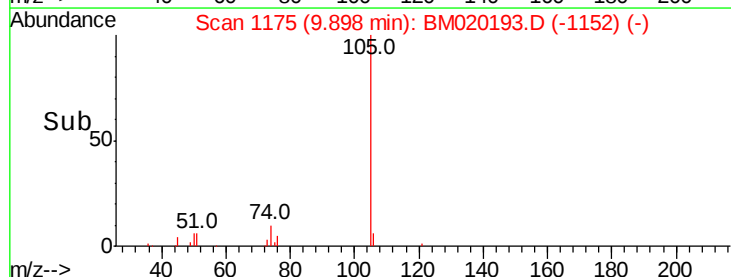
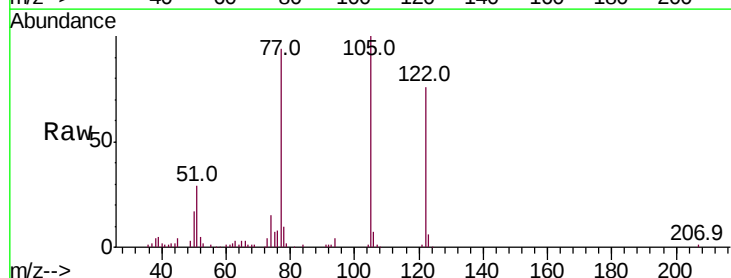
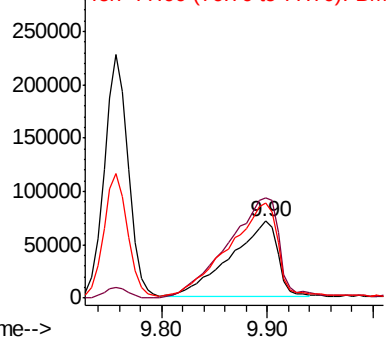
Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	122.5	162.5
77	123.6	123.3	163.3

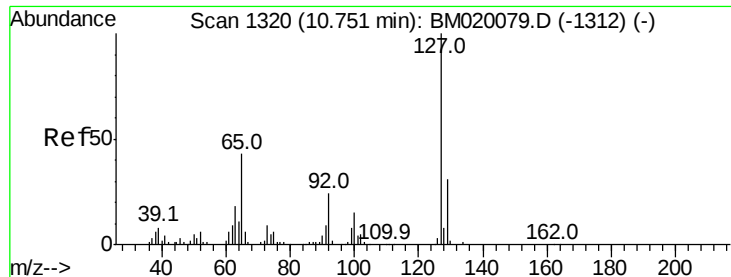
Abundance

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





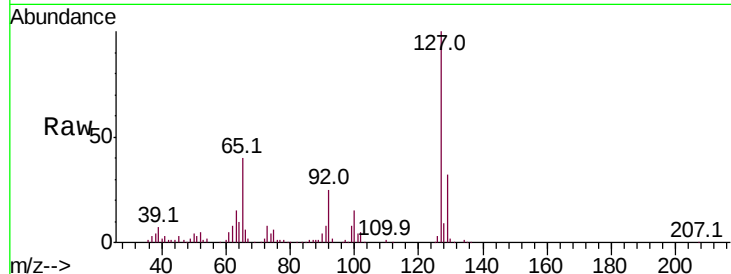
#33
4-Chloroaniline
Concen: 2.042 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	24.7	37.1	
65	39.9	34.6	52.0	
92	25.4	19.5	29.3	

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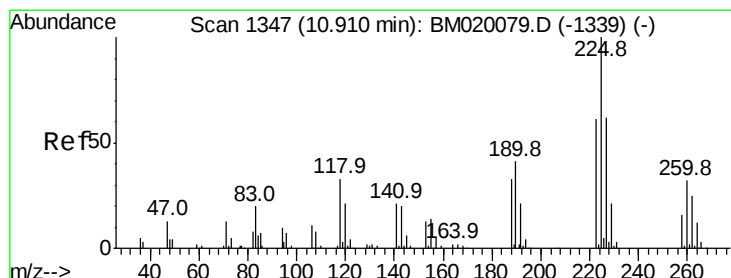
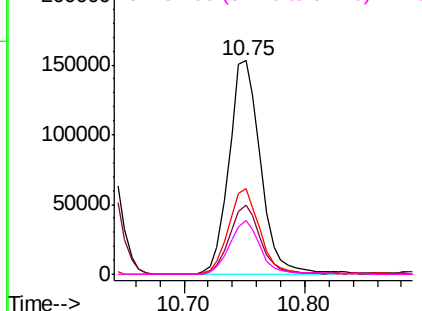
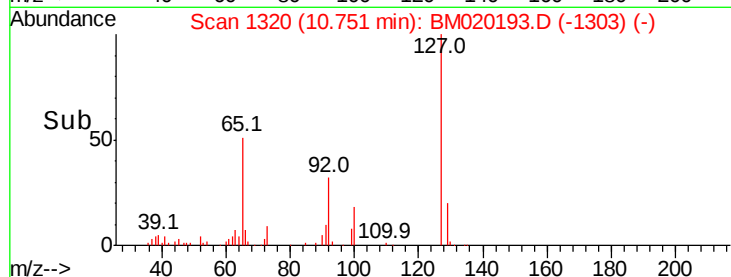
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

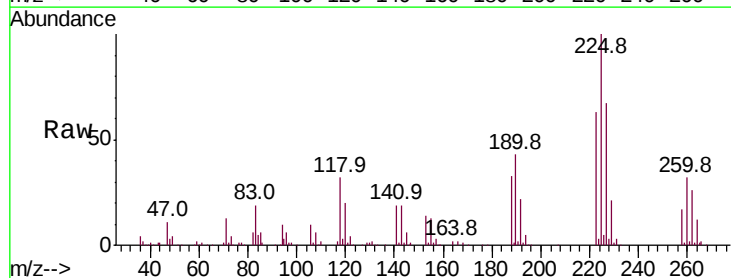
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 3.509 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	48.9	73.3	
227	67.5	49.6	74.4	

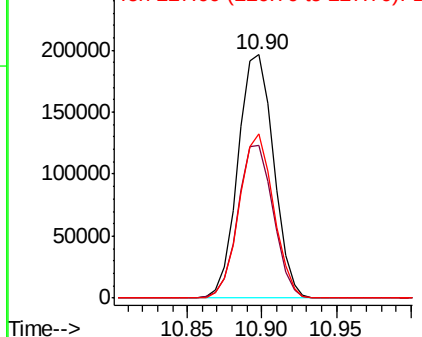
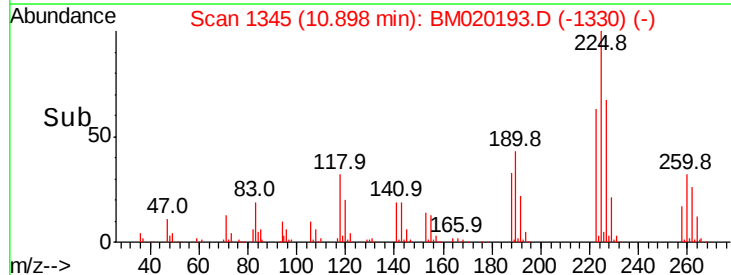


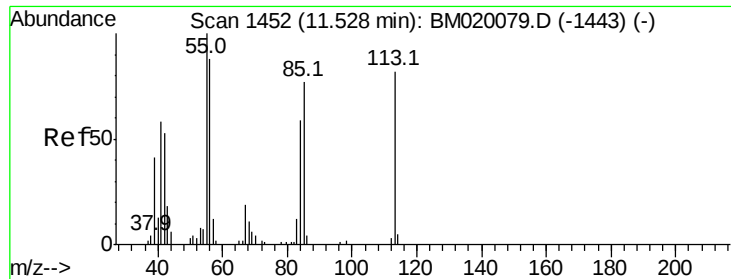
Abundance

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: 3.257 ng/mL

RT: 11.56 min Scan# 1457

Delta R.T. 0.03 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:113 Resp: 103855

Ion Ratio Lower Upper

113 100

55 123.6 102.5 142.5

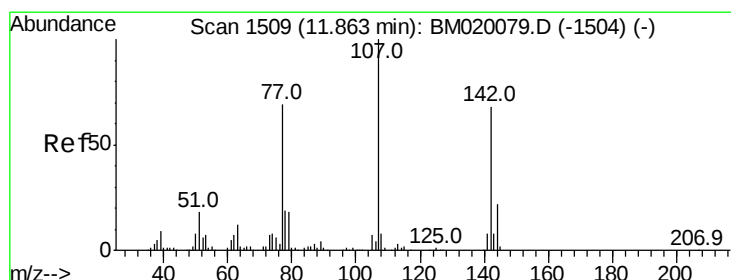
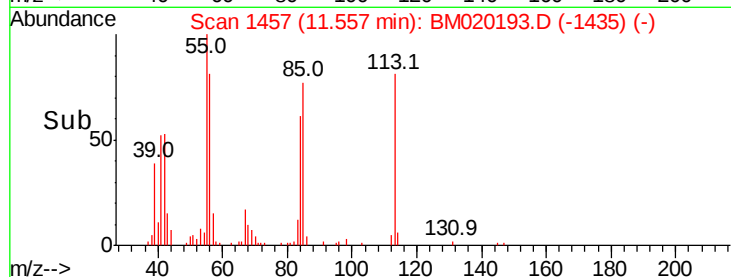
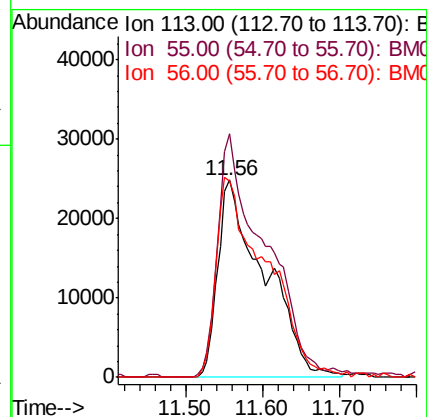
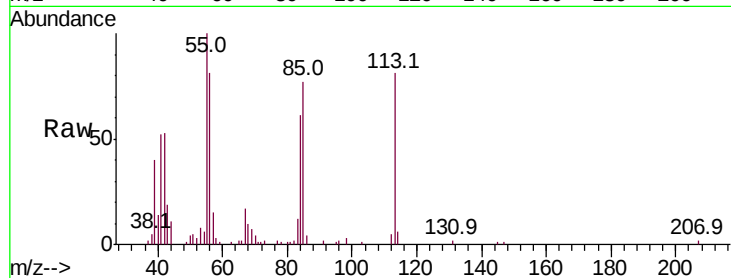
56 99.7 87.7 127.7

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#36

4-Chloro-3-methylphenol

Concen: 3.241 ng/mL

RT: 11.87 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

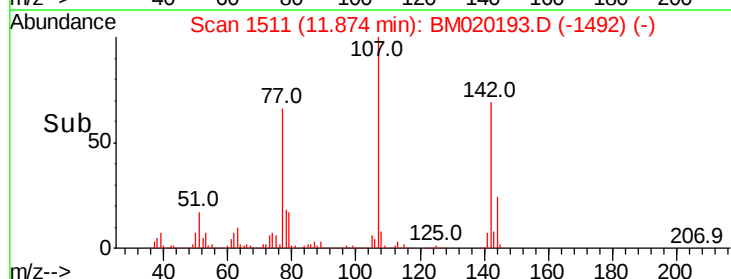
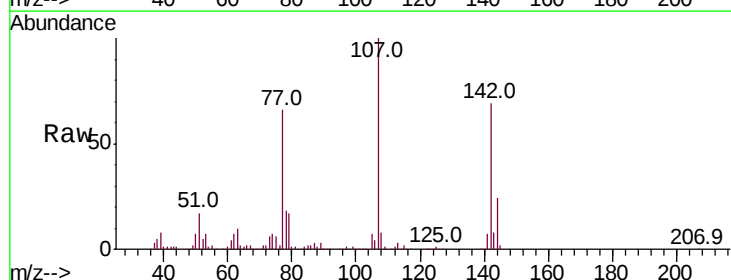
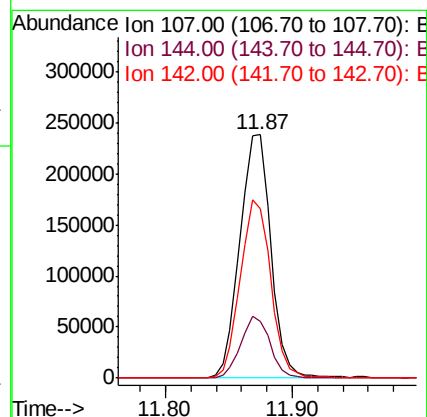
Tgt Ion:107 Resp: 406096

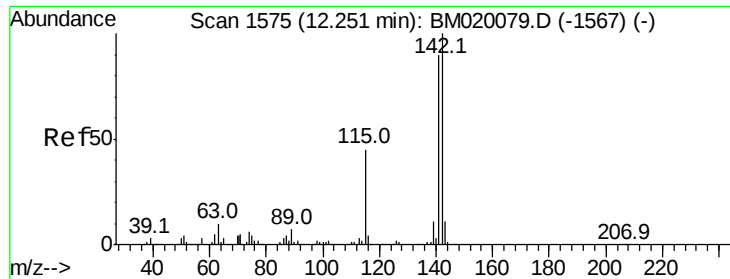
Ion Ratio Lower Upper

107 100

144 23.6 17.6 26.4

142 69.4 54.6 82.0





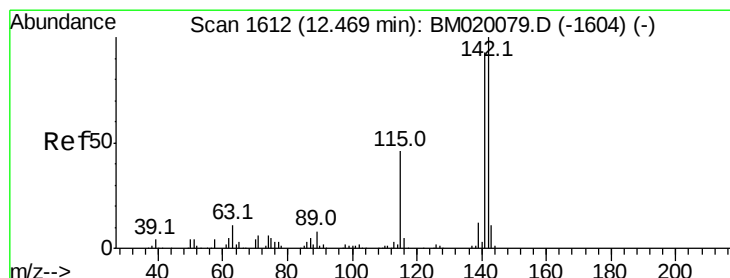
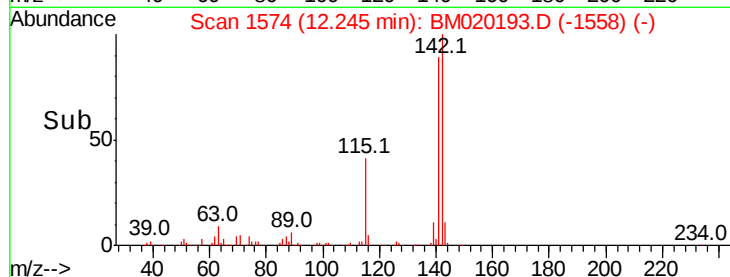
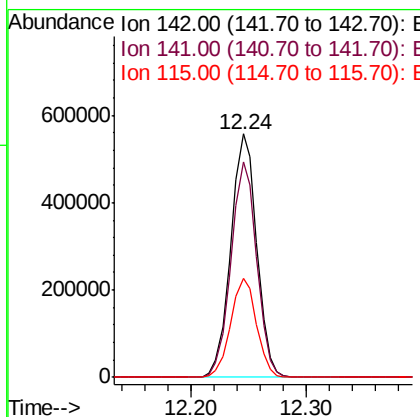
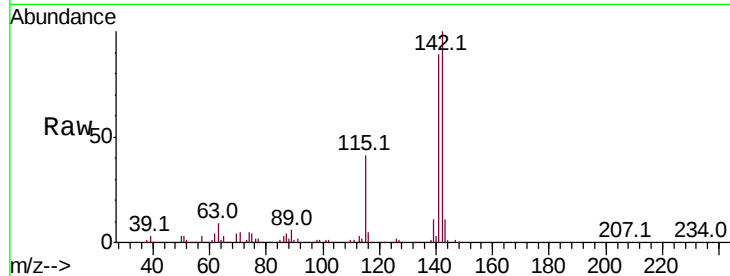
#37
2-Methylnaphthalene
Concen: 3.571 ng
RT: 12.24 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	40.7	35.8	53.6

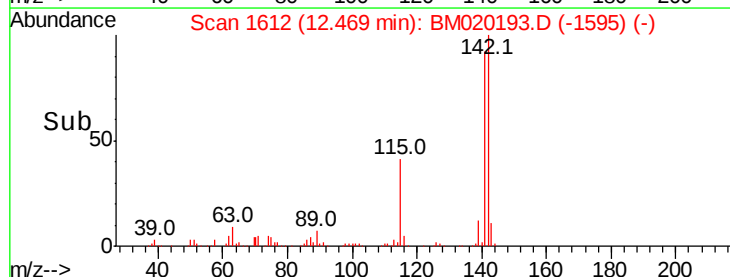
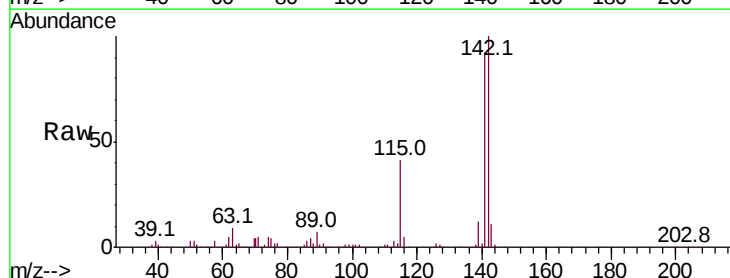
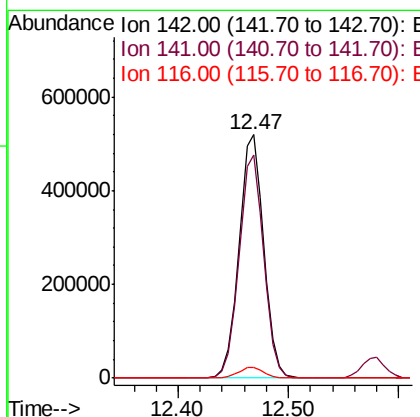
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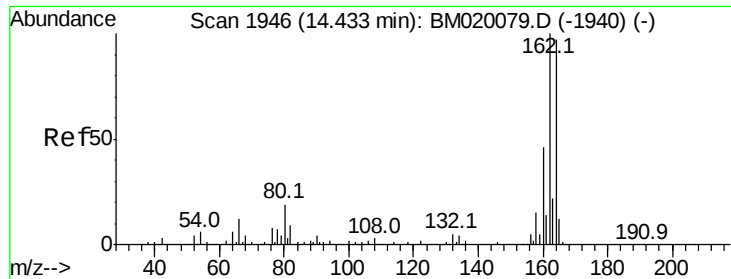
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#38
1-Methylnaphthalene
Concen: 3.424 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.8	112.2
116	4.6	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:164 Resp: 3673496

Ion Ratio Lower Upper

164 100

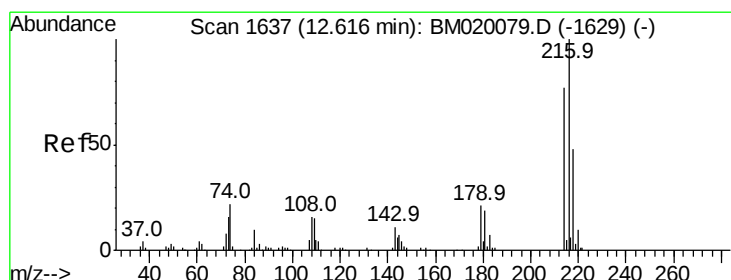
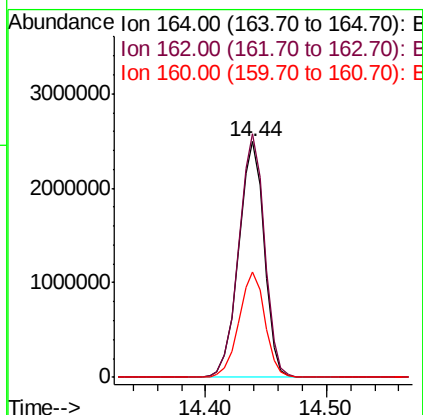
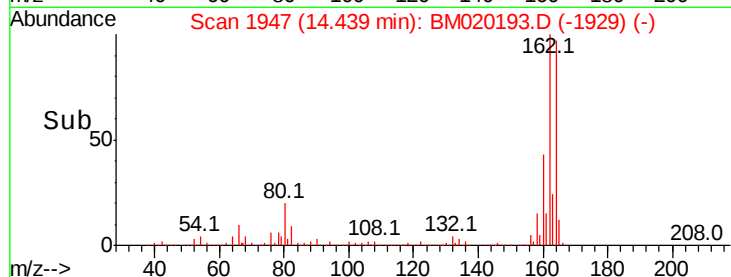
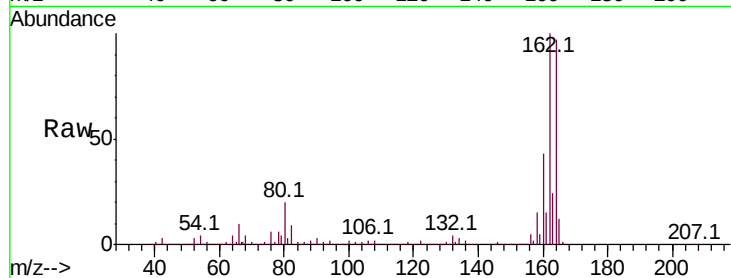
162 103.2 82.2 123.2

160 44.5 37.6 56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.827 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Tgt Ion:216 Resp: 550077

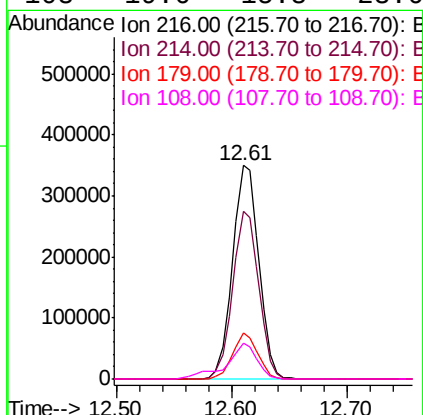
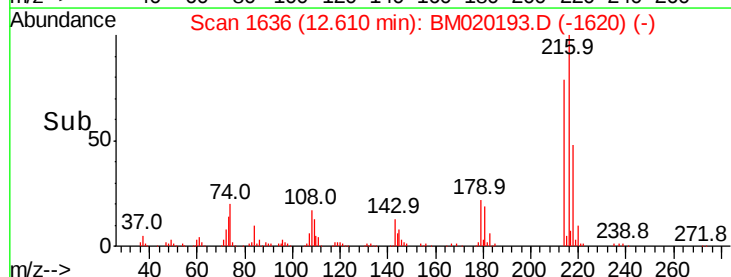
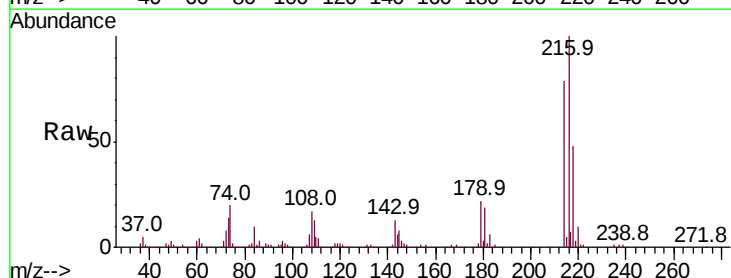
Ion Ratio Lower Upper

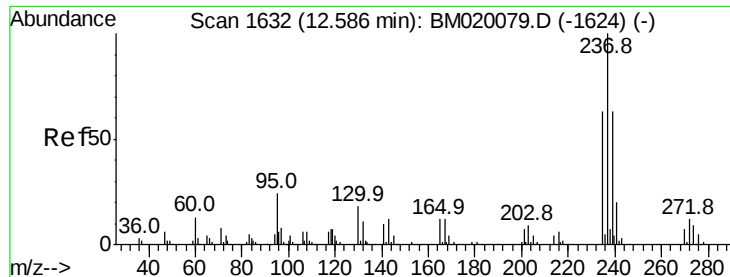
216 100

214 77.7 62.6 94.0

179 20.4 17.1 25.7

108 19.6 15.8 23.6





#41

Hexachlorocyclopentadiene

Concen: 7.597 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

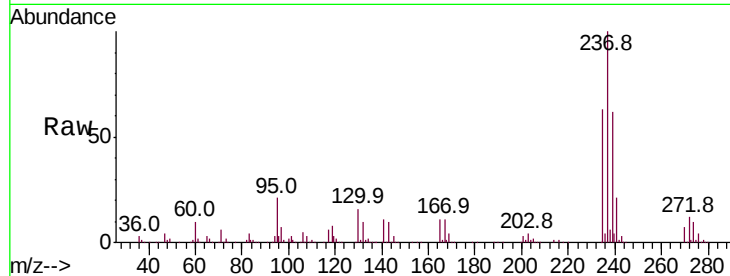
ClientSampleId :

PB119288BS

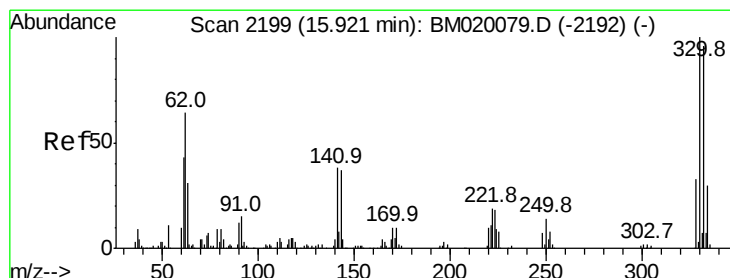
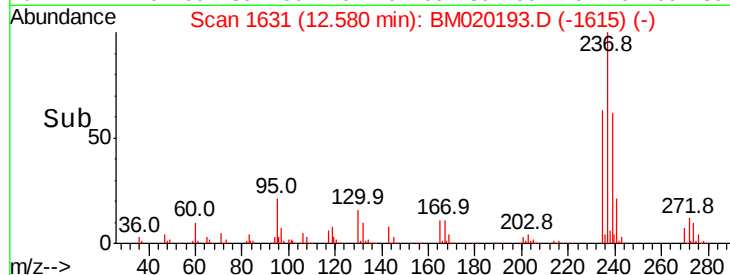
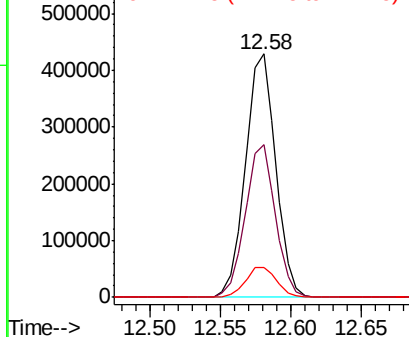
Tot Ion:	237	Resp:	642881
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.4	83.4
272	12.4	0.0	31.7

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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: 12.045 ng

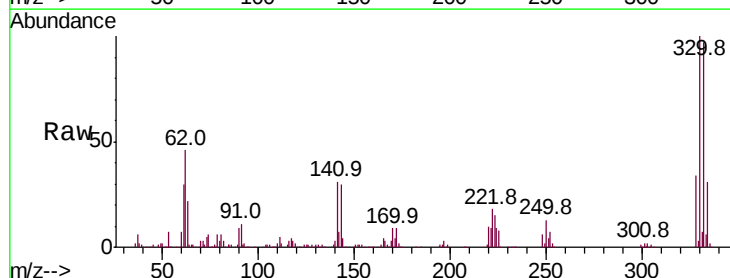
RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

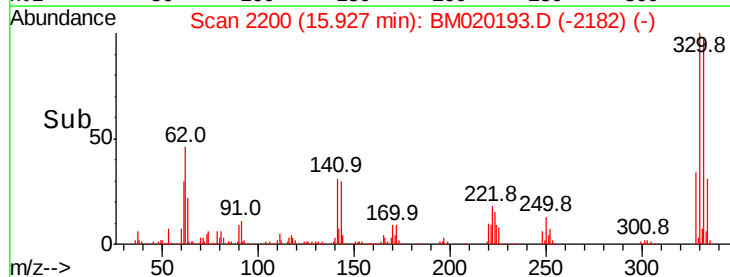
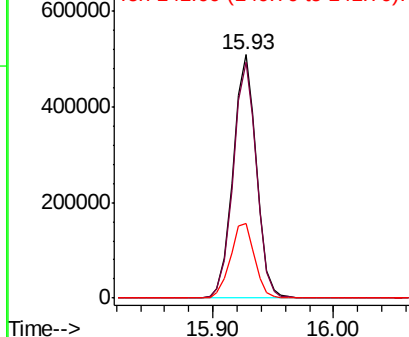
Lab File: BM020193.D

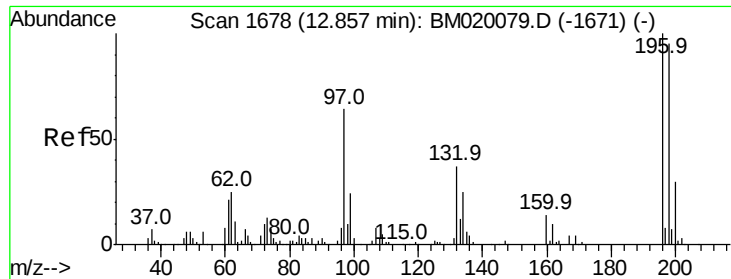
Acq: 08 May 2019 14:05

Tgt Ion:	330	Resp:	686803
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.8	115.2
141	31.9	29.2	43.8



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





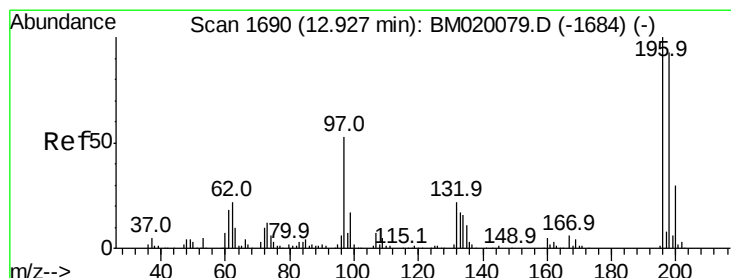
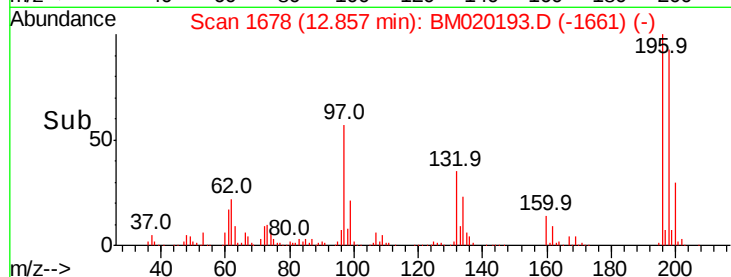
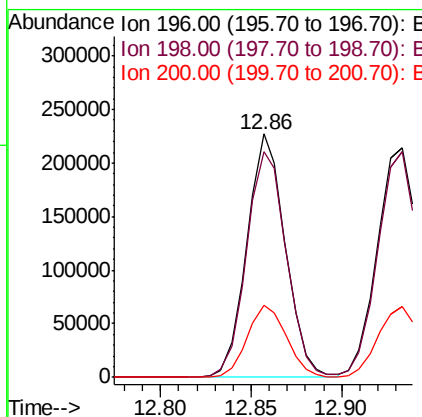
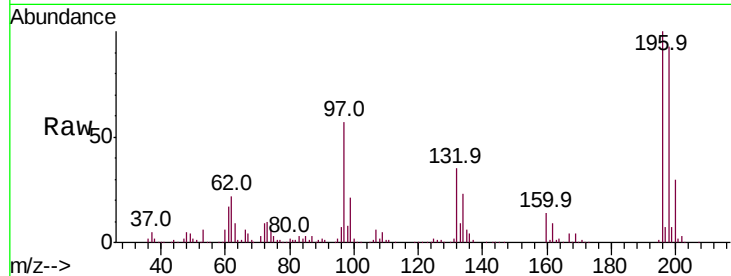
#43
 2,4,6-Trichlorophenol
 Concen: 4.085 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	333658		
198	92.8	76.2	114.2	
200	29.8	24.3	36.5	

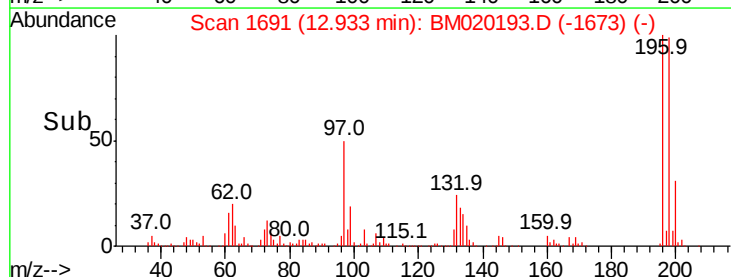
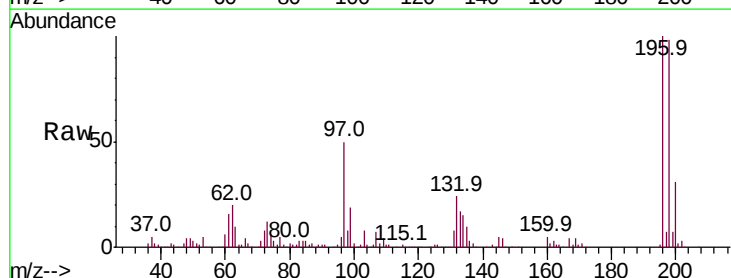
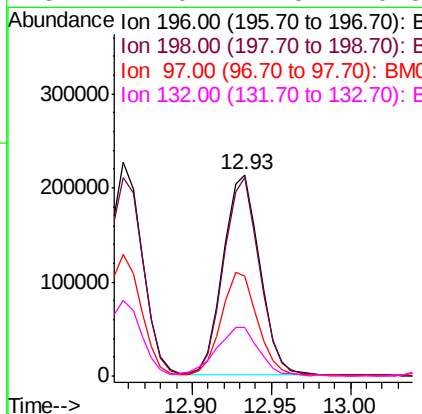
Manual Integrations
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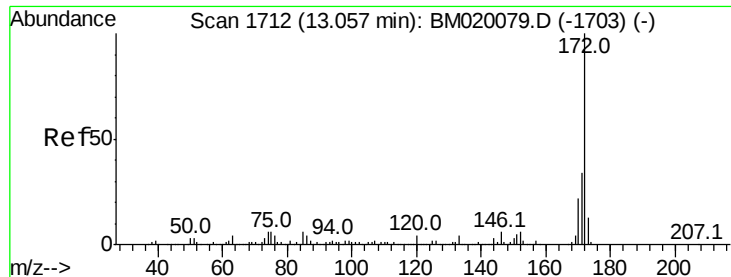
Sohil
 5/9/2019 6:45:26 PM



#44
 2,4,5-Trichlorophenol
 Concen: 3.746 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. 0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341776		
198	98.5	74.7	112.1	
97	49.8	42.2	63.4	
132	24.0	17.8	26.8	





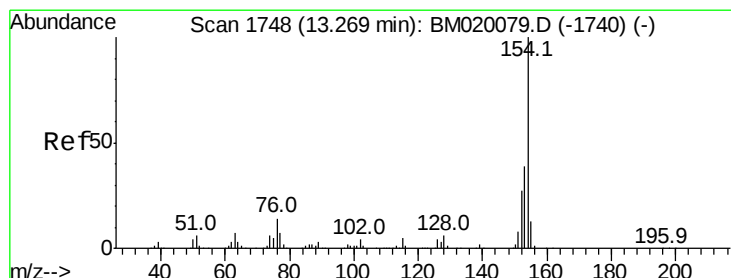
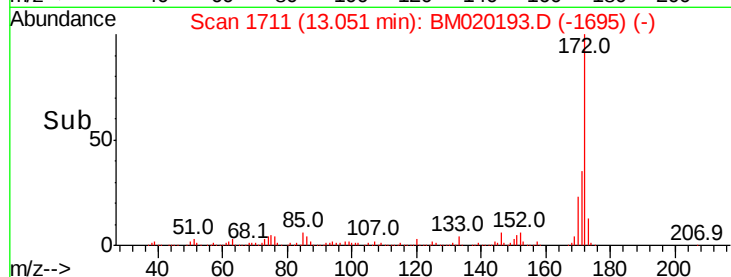
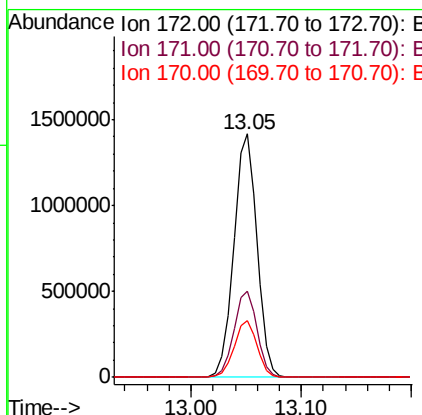
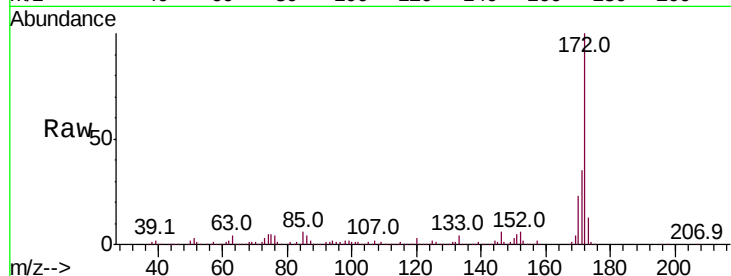
#45
2-Fluorobiphenyl
Concen: 6.997 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.2	17.9	26.9

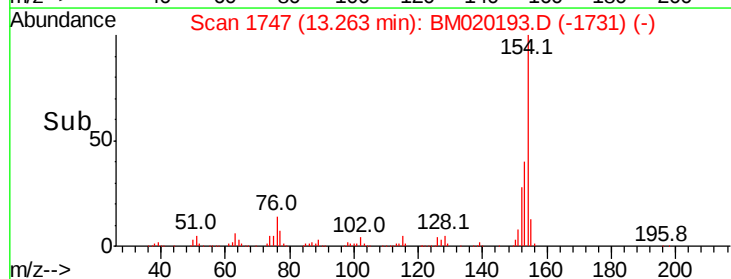
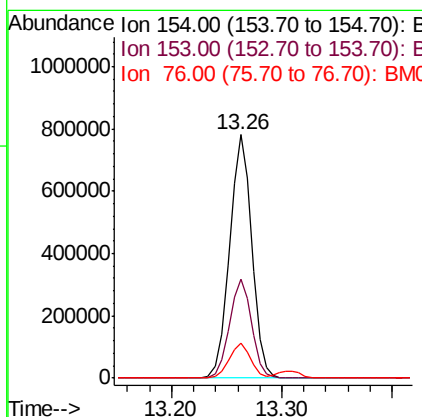
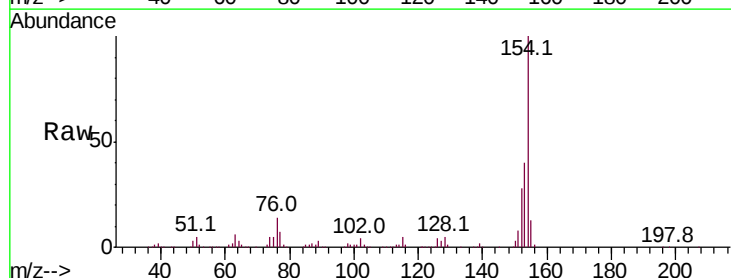
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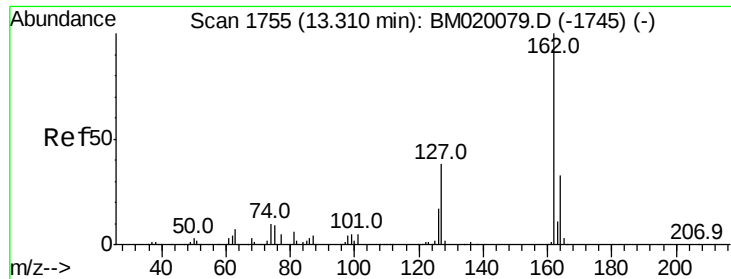
Sohil
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#46
1,1'-Biphenyl
Concen: 3.649 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.4	59.4
76	14.1	0.0	34.5





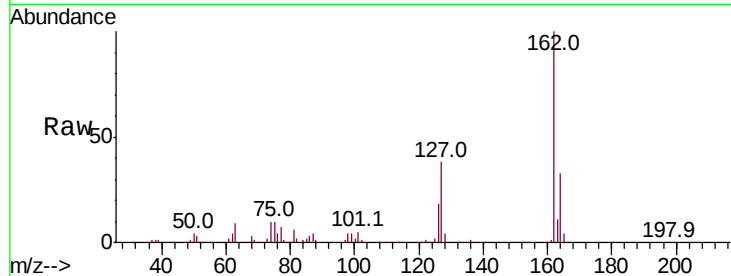
#47
2-Chloronaphthalene
Concen: 3.654 ng
RT: 13.31 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

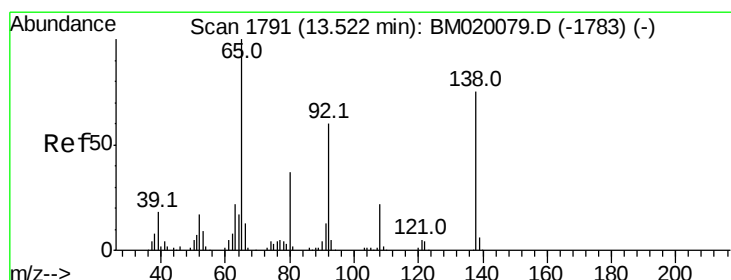
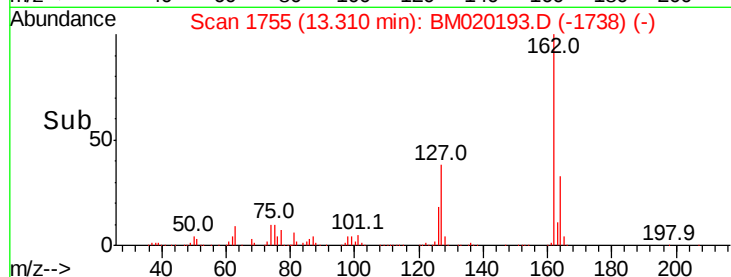
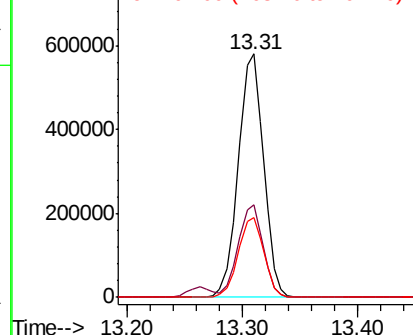
Tot Ion	Ratio	Resp	Lower	Upper
162	100	882065		
127	38.2	31.0	46.4	
164	32.6	26.2	39.2	

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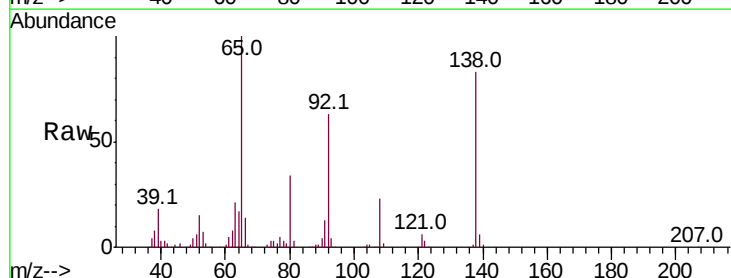


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

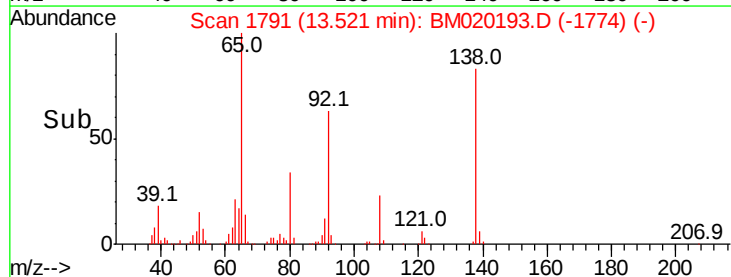
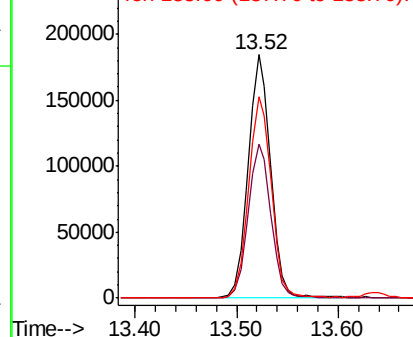


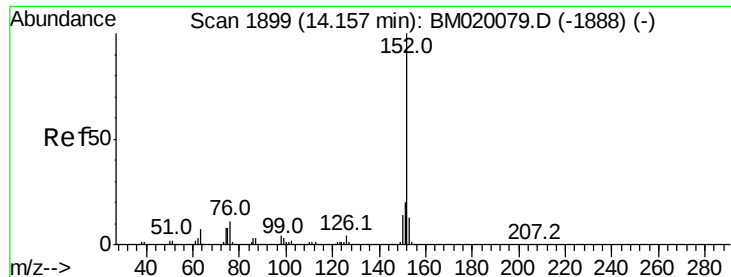
#48
2-Nitroaniline
Concen: 3.304 ng
RT: 13.52 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	283992		
92	63.2	48.2	72.4	
138	82.8	60.3	90.5	



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 3.373 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:152 Resp: 1303200

Ion Ratio Lower Upper

152 100

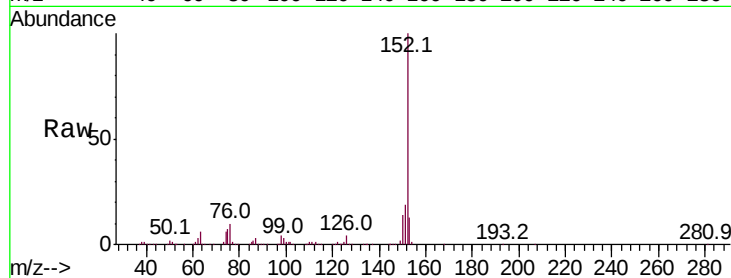
151 19.5 16.2 24.2

153 12.8 10.6 16.0

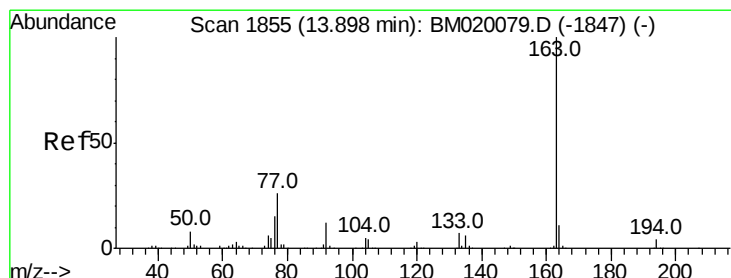
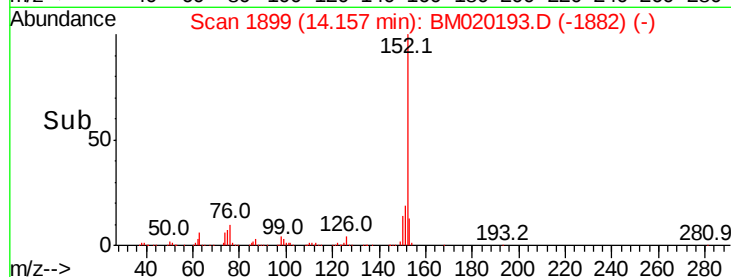
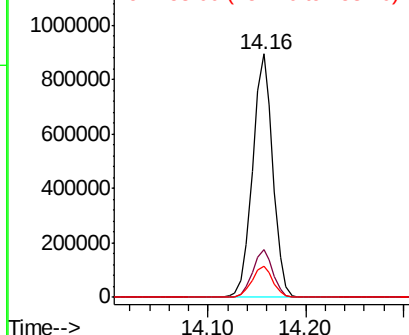
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 3.317 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

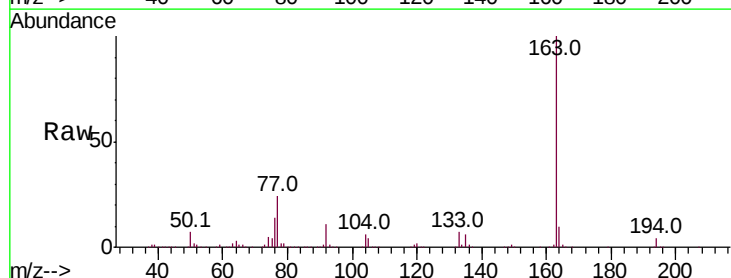
Tgt Ion:163 Resp: 1035715

Ion Ratio Lower Upper

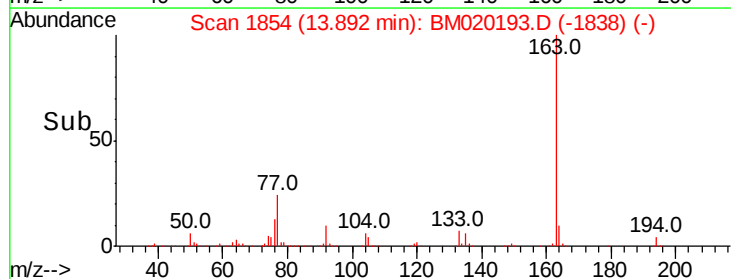
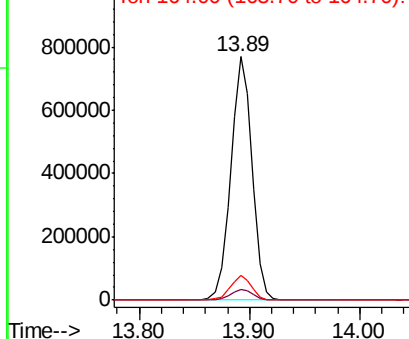
163 100

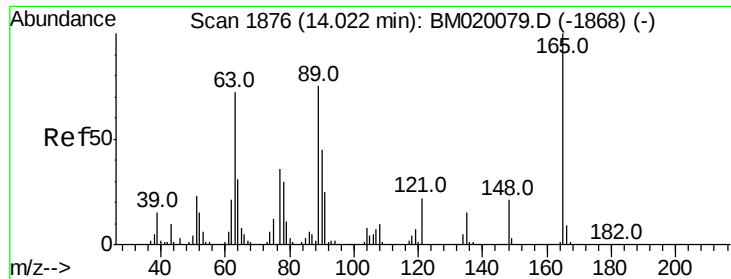
194 4.3 3.6 5.4

164 10.2 8.4 12.6



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





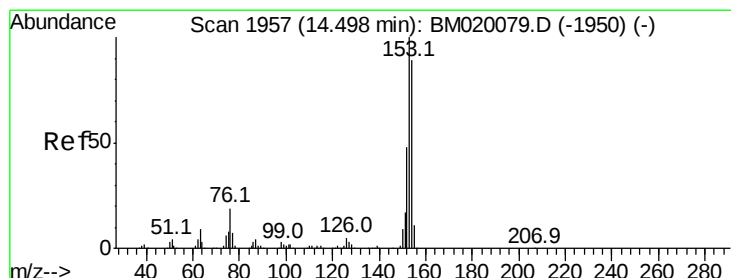
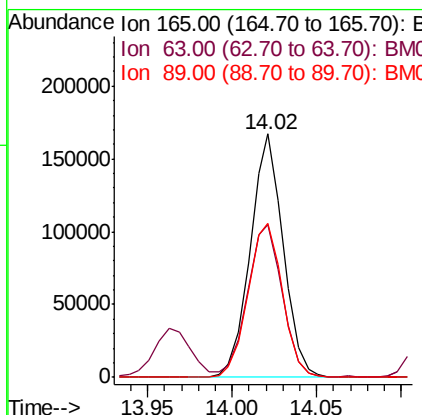
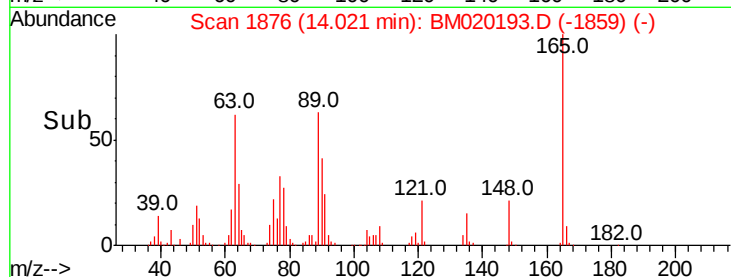
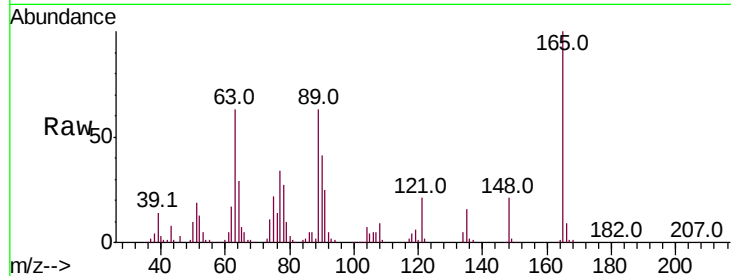
#51
2,6-Dinitrotoluene
Concen: 3.428 ng
RT: 14.02 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	225404		
63	62.7	60.3	90.5	
89	63.5	59.8	89.6	

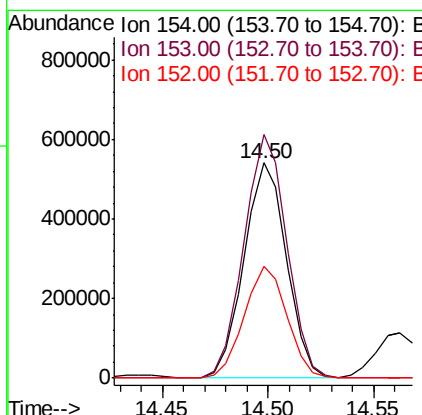
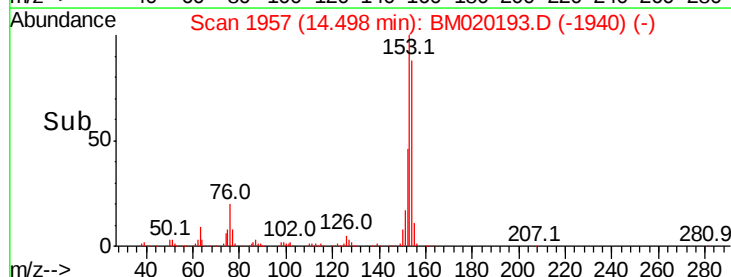
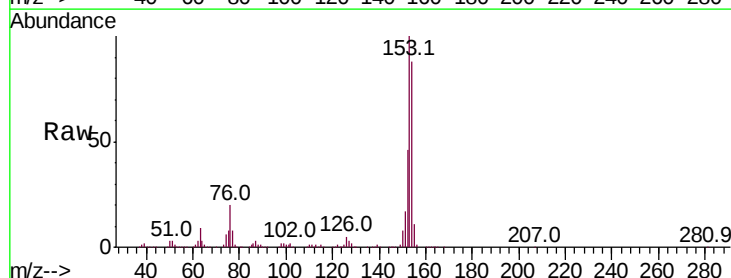
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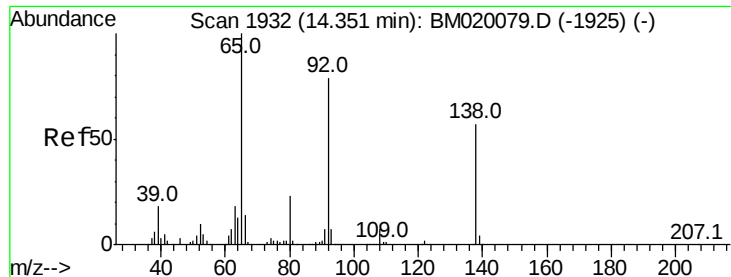
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#52
Acenaphthene
Concen: 3.414 ng
RT: 14.50 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	756332		
153	113.2	90.2	135.2	
152	52.0	43.0	64.4	





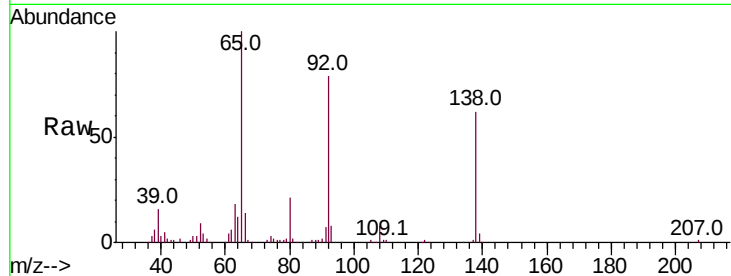
#53
3-Nitroaniline
Concen: 2.430 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.4	15.6
92	127.9	111.3	166.9

Manual Integrations
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5/9/2019 6:45:26 PM

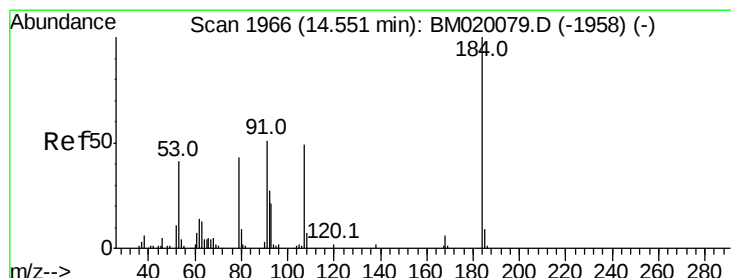
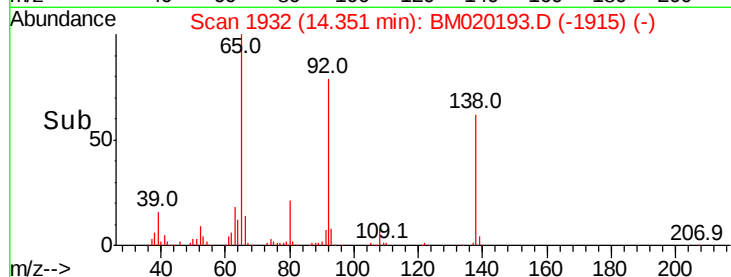
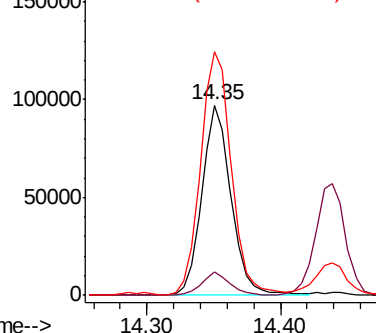


Abundance

Ion 138.00 (137.70 to 138.70): E

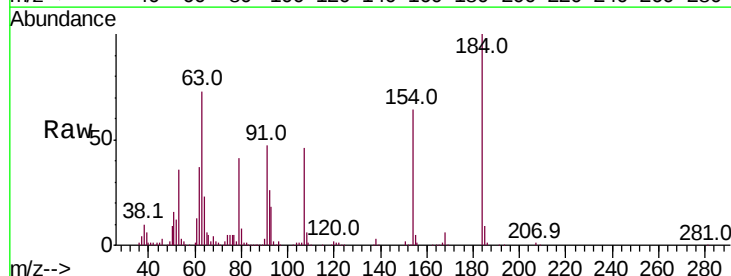
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54
2,4-Dinitrophenol
Concen: 15.558 ng
RT: 14.56 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.6	68.9	103.3
154	63.6	54.4	81.6

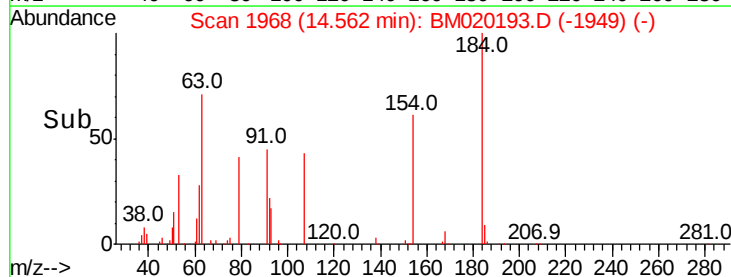
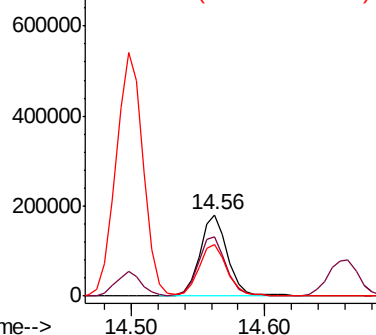


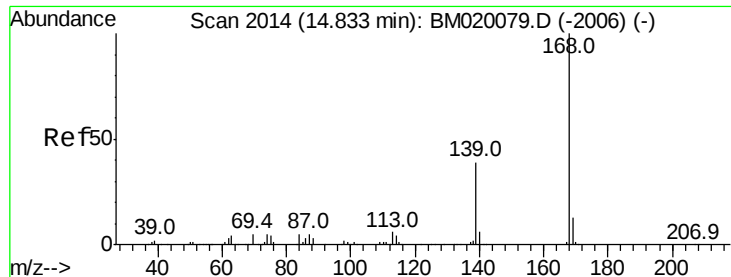
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





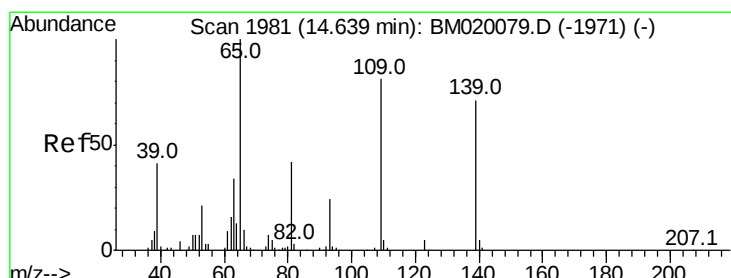
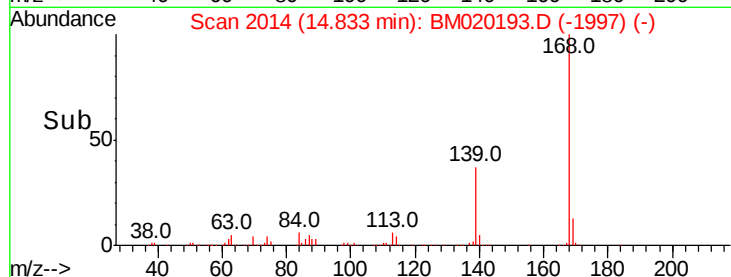
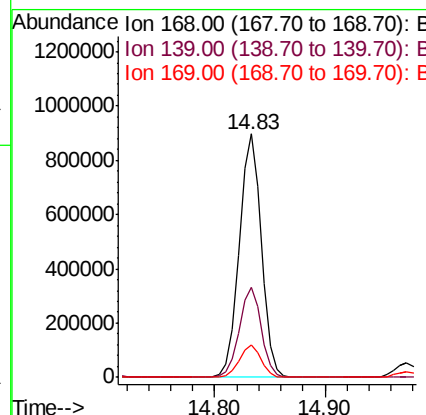
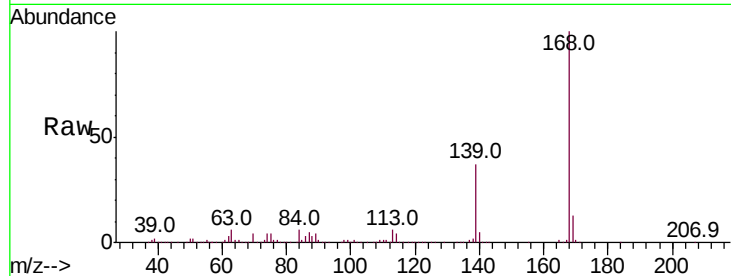
#55
Dibenzenofuran
Concen: 3.378 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	13.4	10.6	16.0

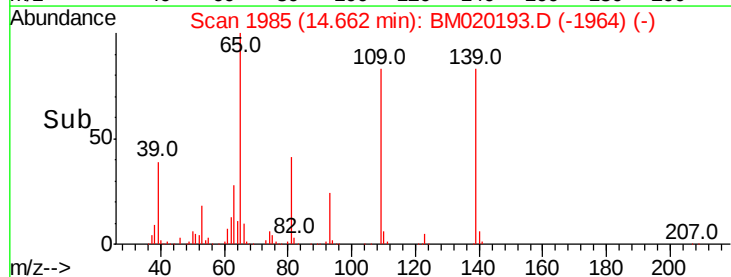
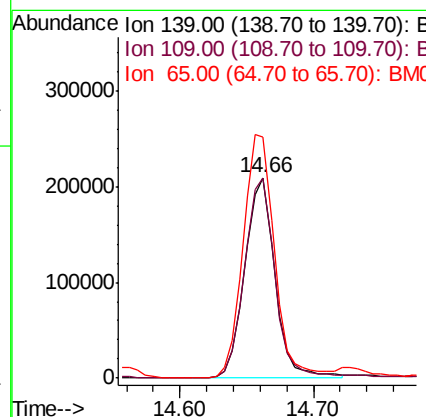
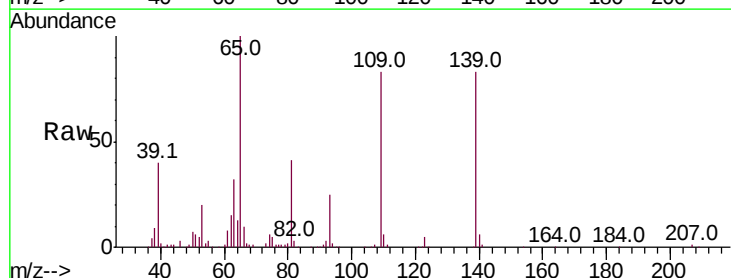
Manual Integrations
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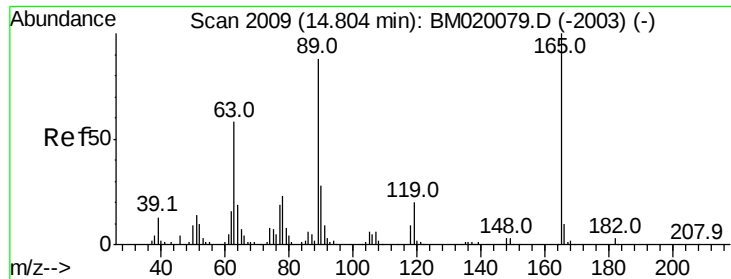
Sohil
5/9/2019 6:45:26 PM



#56
4-Nitrophenol
Concen: 6.266 ng
RT: 14.66 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.7	94.1	134.1
65	120.5	120.9	160.9#





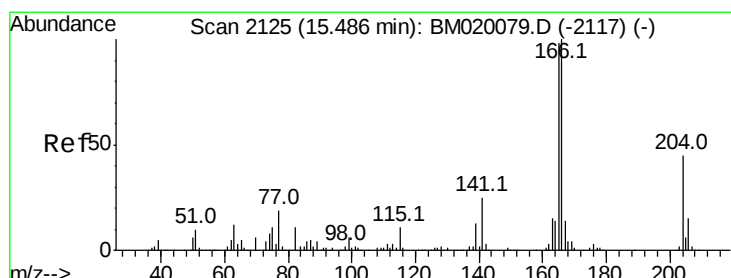
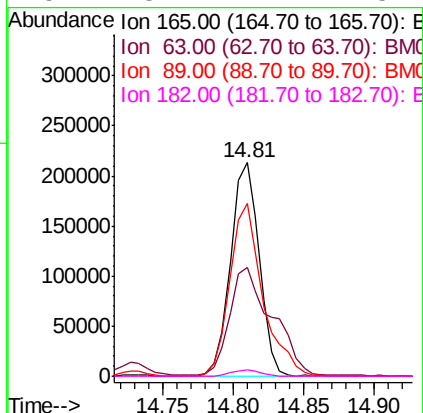
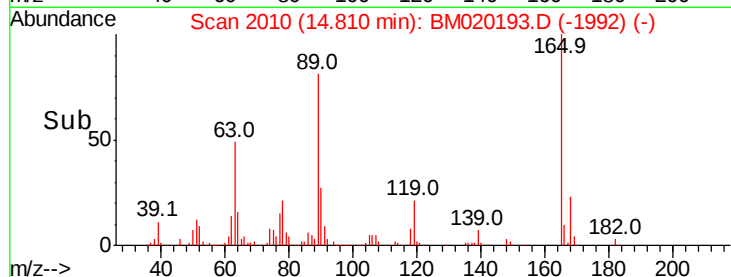
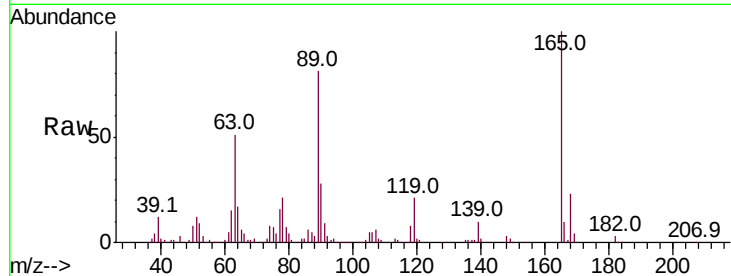
#57
2,4-Dinitrotoluene
Concen: 3.366 ng
RT: 14.81 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	300727		
63	50.8	46.2	69.2	
89	80.9	70.6	105.8	
182	3.2	2.2	3.2#	

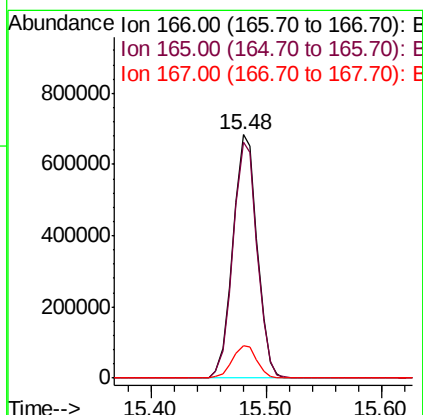
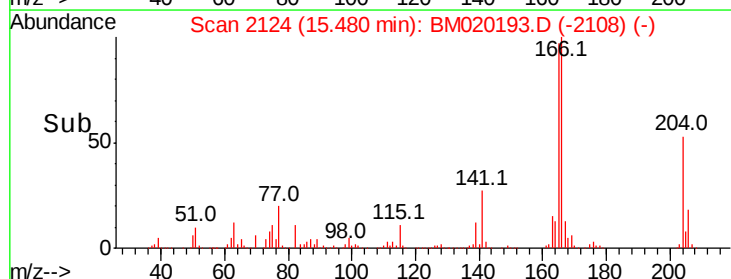
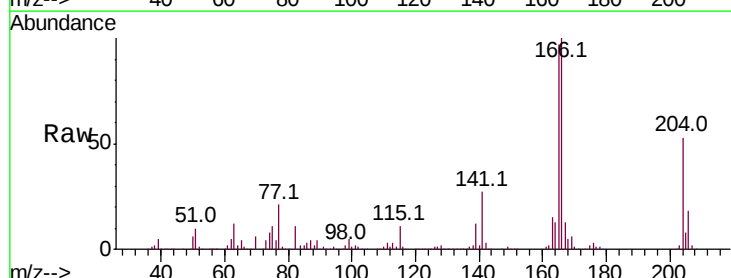
Manual Integrations
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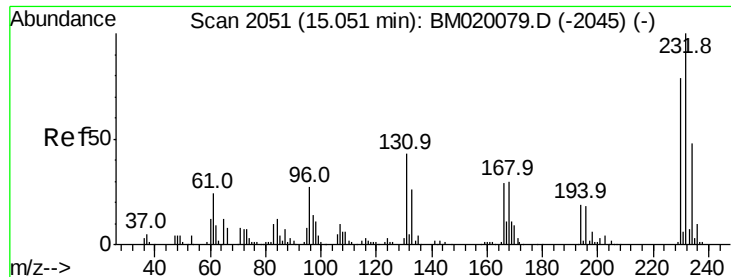
Sohil
5/9/2019 6:45:26 PM



#58
Fluorene
Concen: 3.229 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	991093		
165	96.7	78.2	117.2	
167	13.4	11.0	16.4	





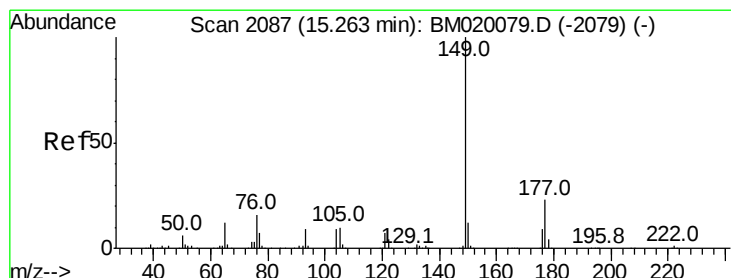
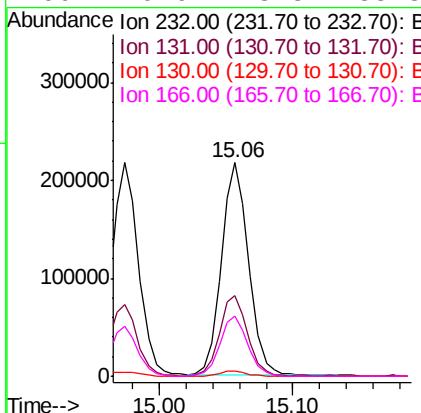
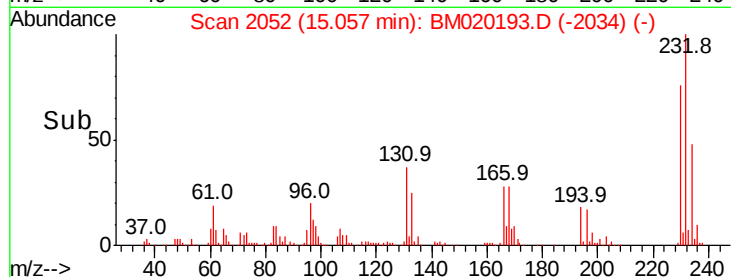
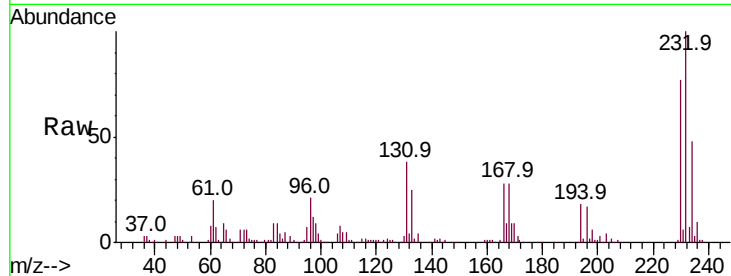
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.561 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	308751		
131	38.5		34.2	51.4
130	2.5		2.0	3.0
166	29.6		23.8	35.8

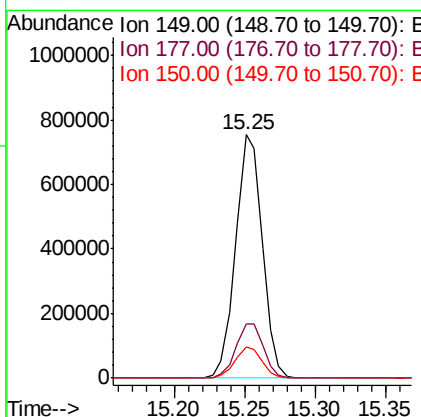
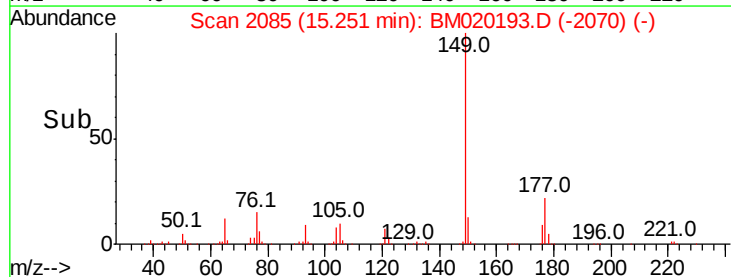
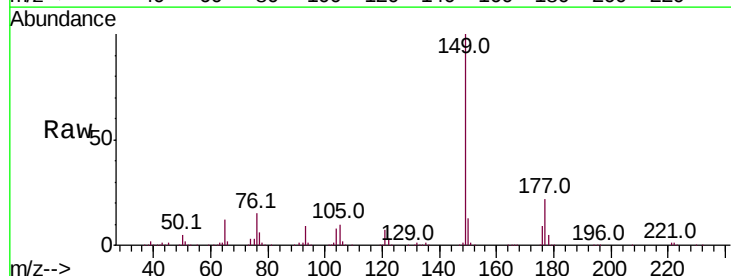
Manual Integrations
 APPROVED

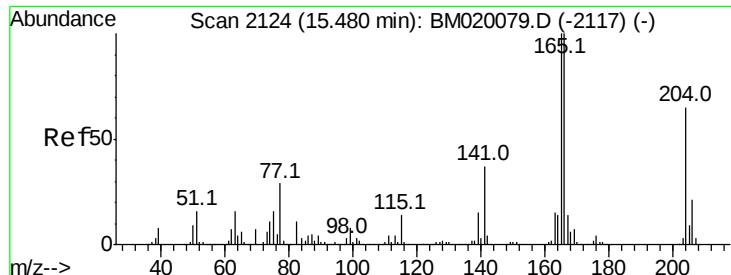
Sohil
 5/9/2019 6:45:26 PM



#60
 Diethylphthalate
 Concen: 3.151 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	991077		
177	22.5		18.2	27.4
150	12.6		9.9	14.9





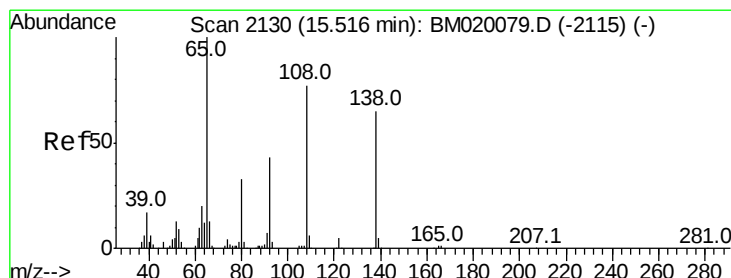
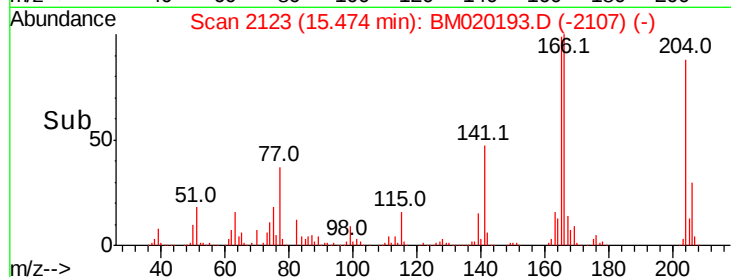
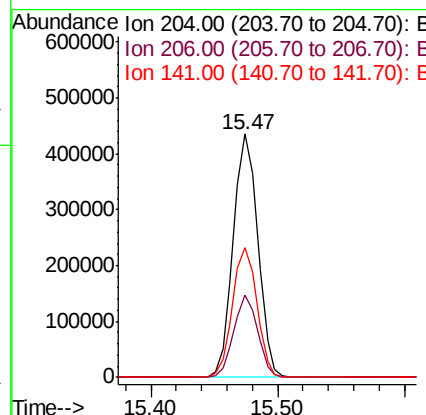
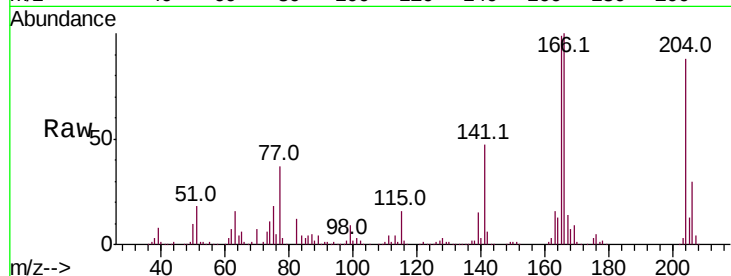
#61
4-Chlorophenyl-phenylether
Concen: 3.354 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampled :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	583234		
206	33.7	25.6	38.4	
141	53.2	46.1	69.1	

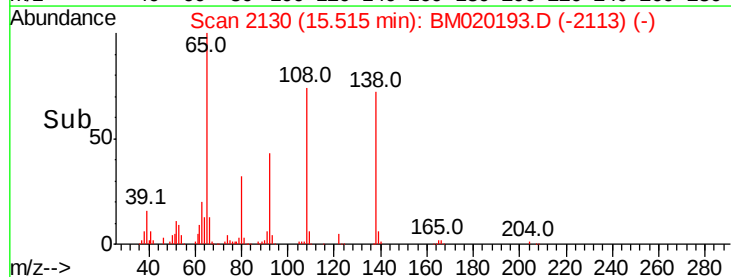
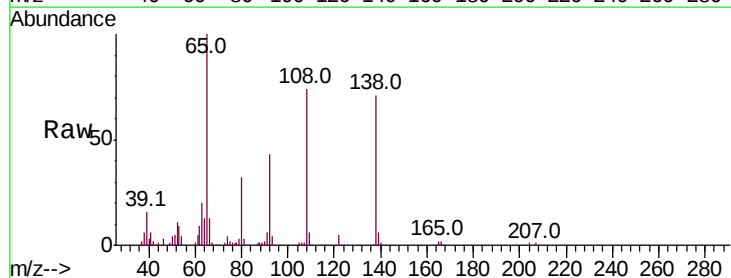
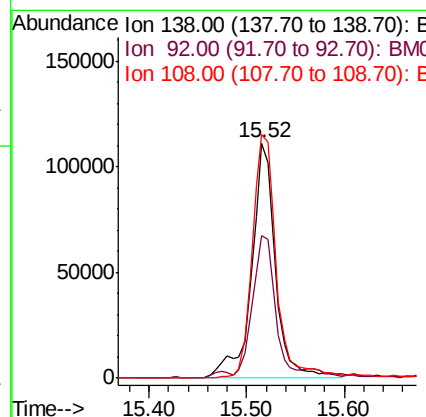
Manual Integrations
APPROVED

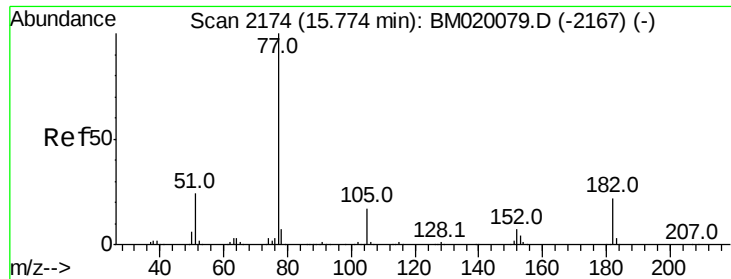
Sohil
5/9/2019 6:45:26 PM



#62
4-Nitroaniline
Concen: 2.851 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	192037		
92	60.5	45.9	85.9	
108	103.7	97.7	137.7	





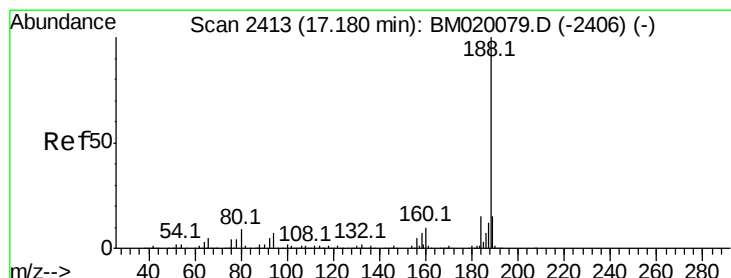
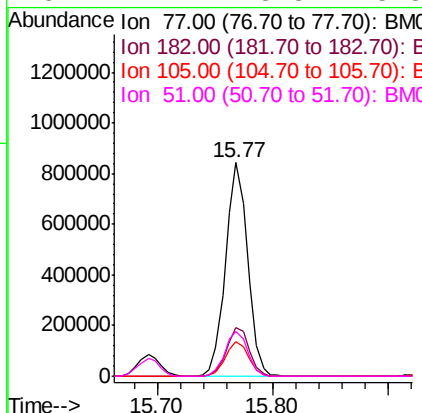
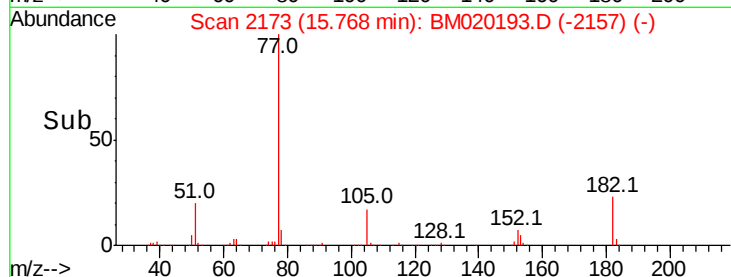
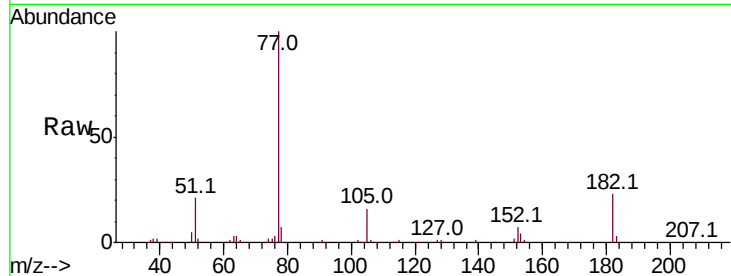
#63
Azobenzene
Concen: 2.999 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.9	2.1	42.1	
105	16.4	0.0	36.8	
51	21.1	3.8	43.8	

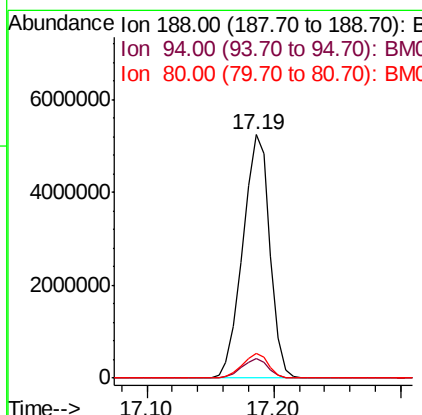
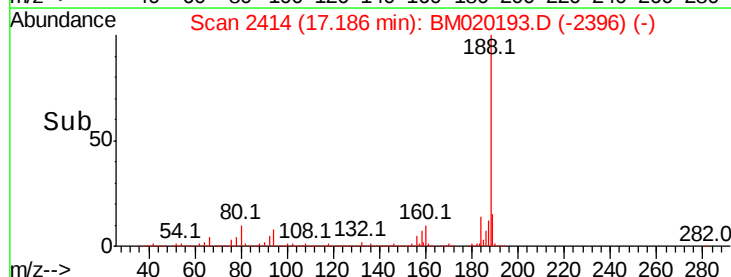
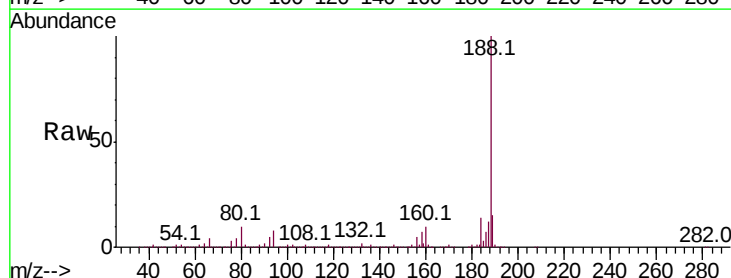
Manual Integrations
APPROVED

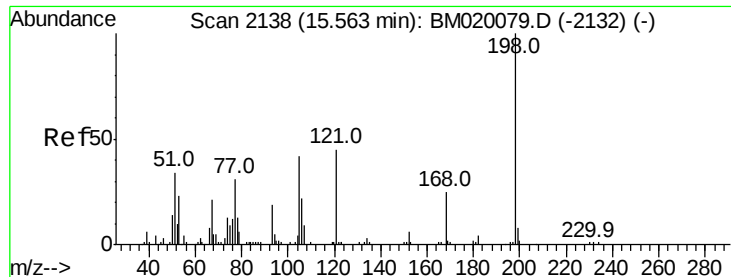
Sohil
5/9/2019 6:45:26 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	5.8	8.6	
80	10.2	7.4	11.2	





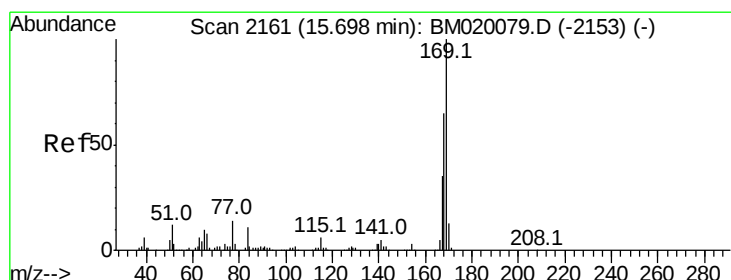
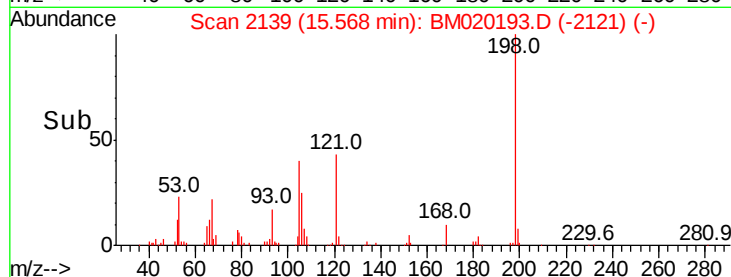
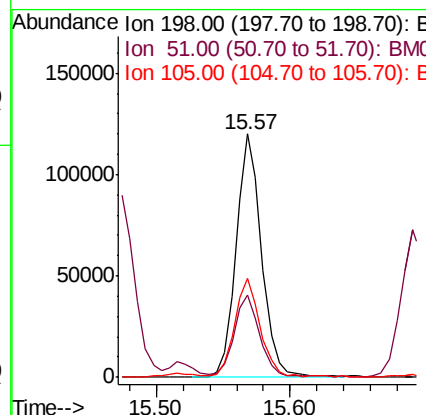
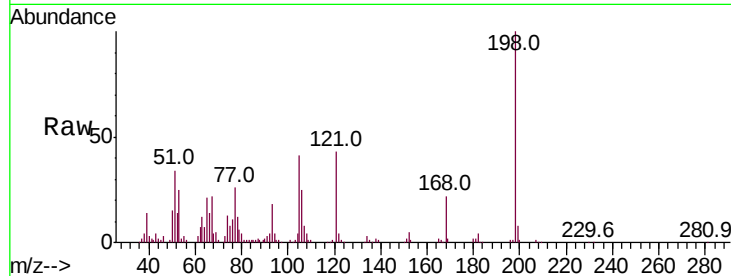
#65
4,6-Dinitro-2-methylphenol
Concen: 10.625 ng
RT: 15.57 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	159609		
51	33.7	16.5	56.5	
105	40.6	22.8	62.8	

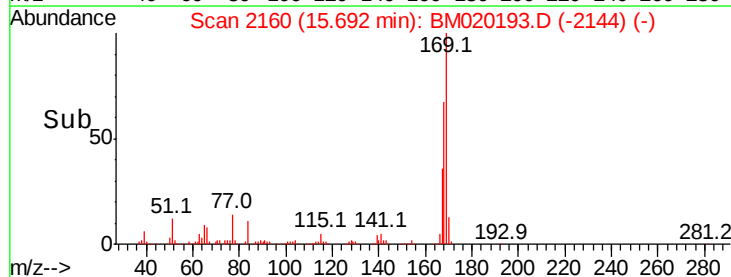
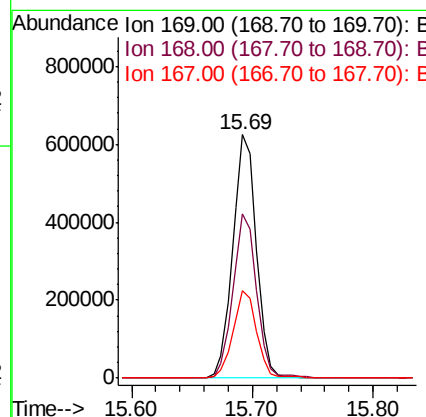
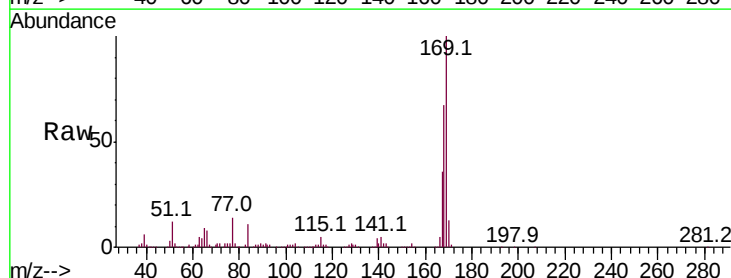
Manual Integrations
APPROVED

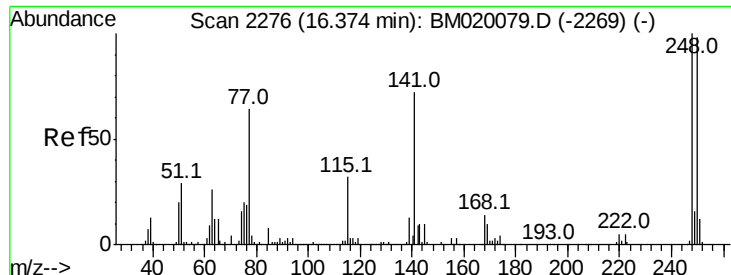
Sohil
5/9/2019 6:45:26 PM



#66
n-Nitrosodiphenylamine
Concen: 3.708 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	847914		
168	67.2	51.9	77.9	
167	35.9	27.8	41.6	





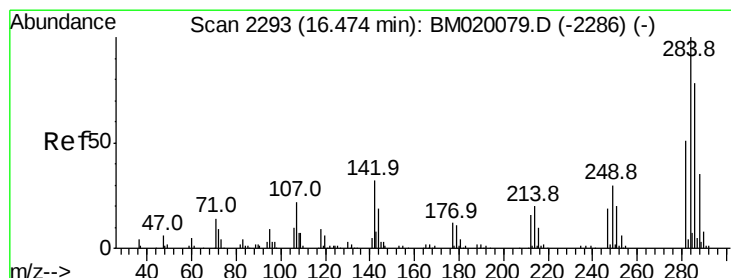
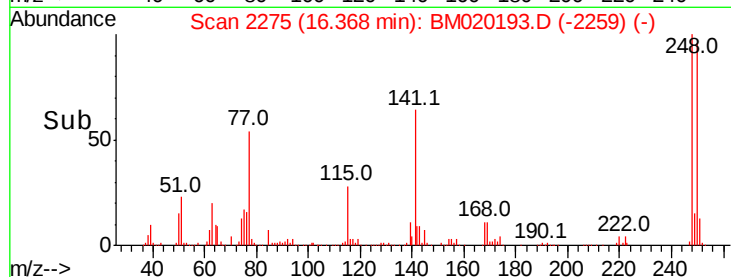
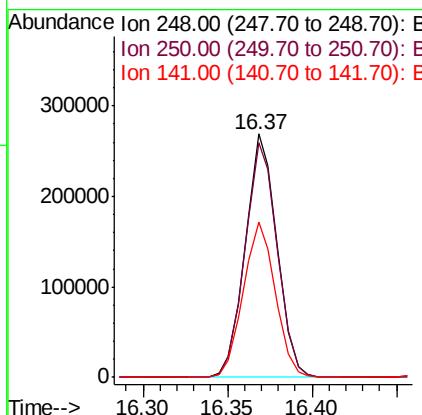
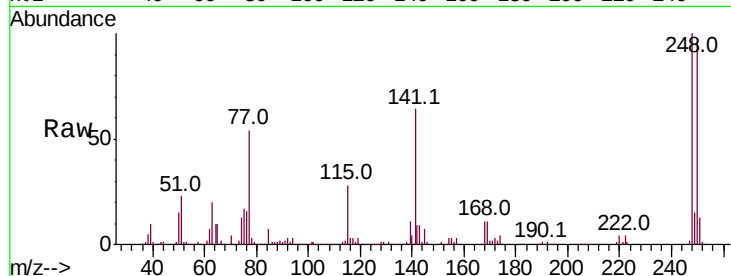
#67
4-Bromophenyl-phenylether
Concen: 3.684 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.4	117.6
141	63.8	57.4	86.2

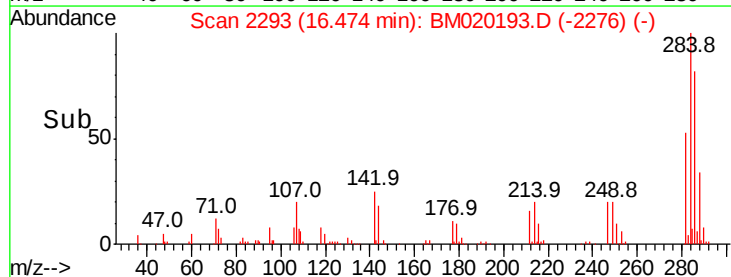
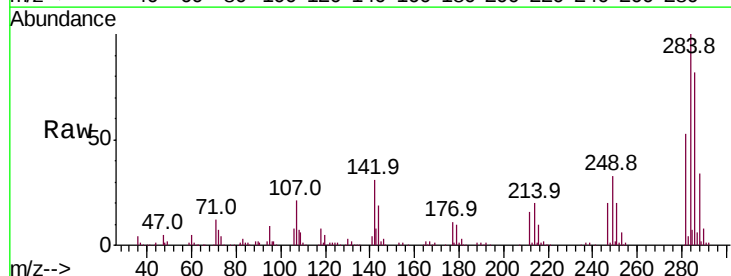
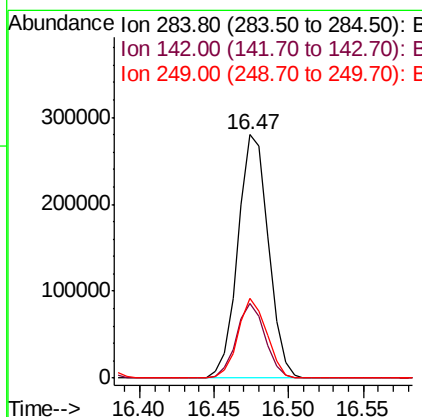
Manual Integrations
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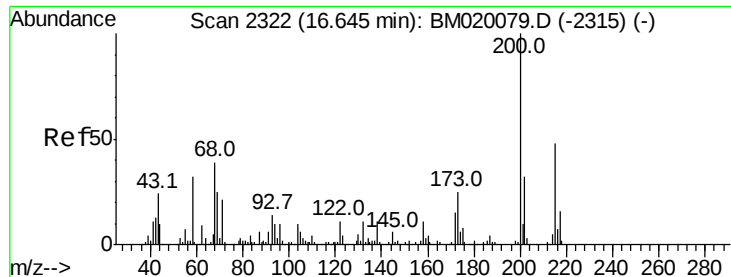
Sohil
5/9/2019 6:45:26 PM



#68
Hexachlorobenzene
Concen: 3.625 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.2	37.8
249	32.5	23.6	35.4





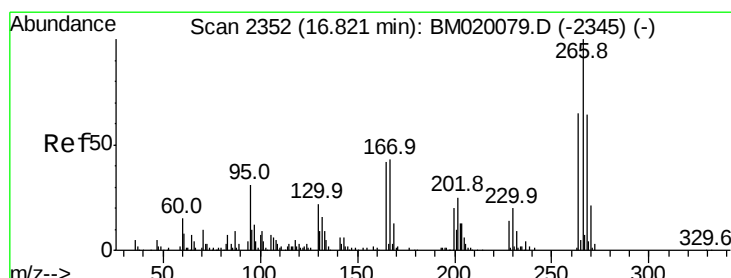
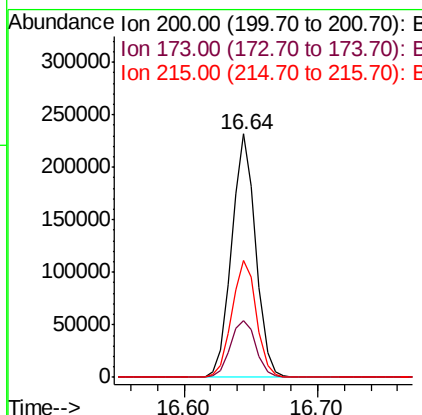
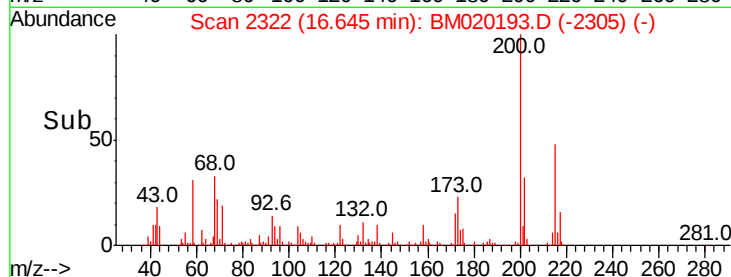
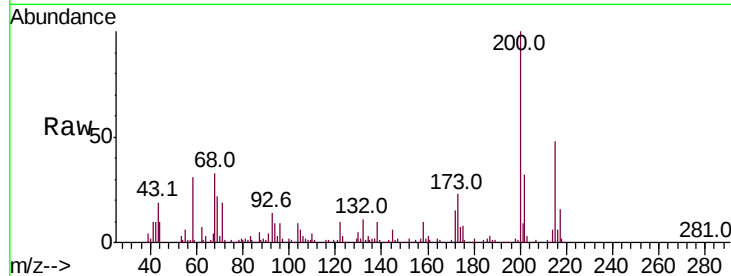
#69
Atrazine
Concen: 3.266 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	291886		
173	23.3	4.6	44.6	
215	48.2	28.0	68.0	

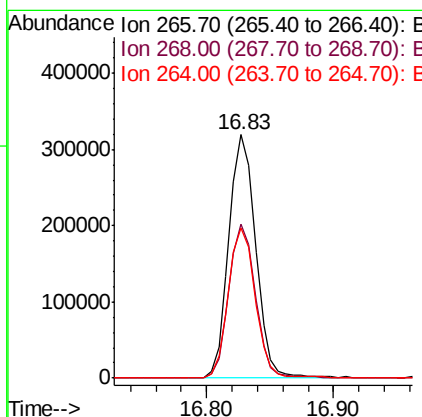
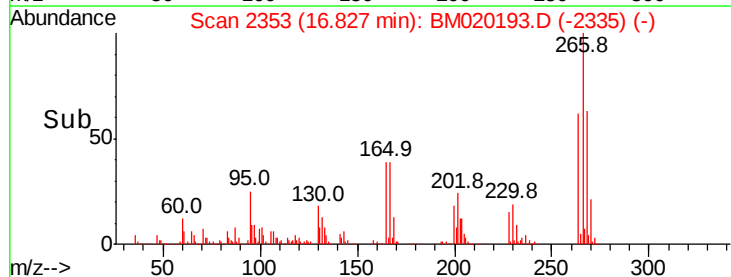
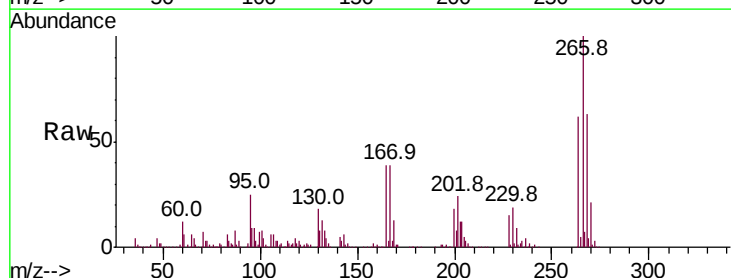
Manual Integrations
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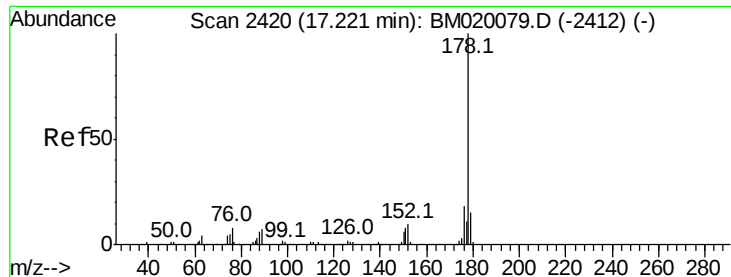
Sohil
5/9/2019 6:45:26 PM



#70
Pentachlorophenol
Concen: 7.477 ng
RT: 16.83 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	469077		
268	63.4	51.4	77.0	
264	61.8	52.0	78.0	





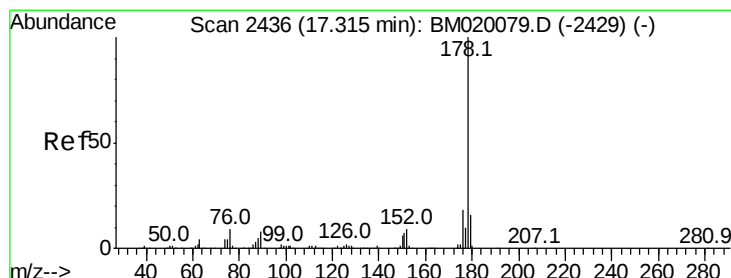
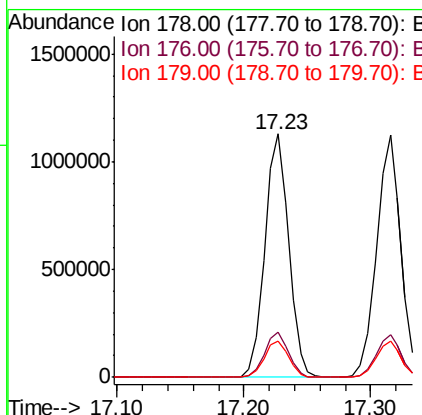
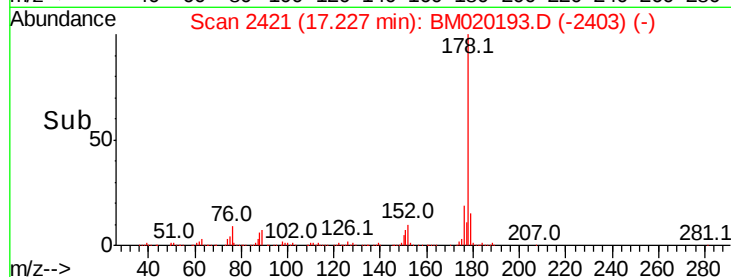
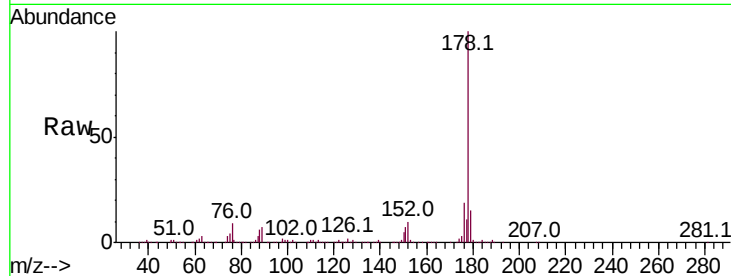
#71
Phenanthrene
Concen: 3.450 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampled :
PB119288BS

Tot Ion:178 Resp: 1479858
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 14.7 12.4 18.6

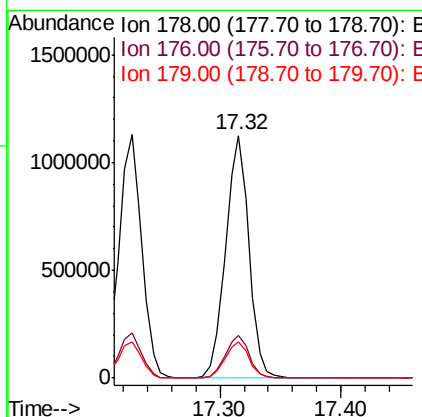
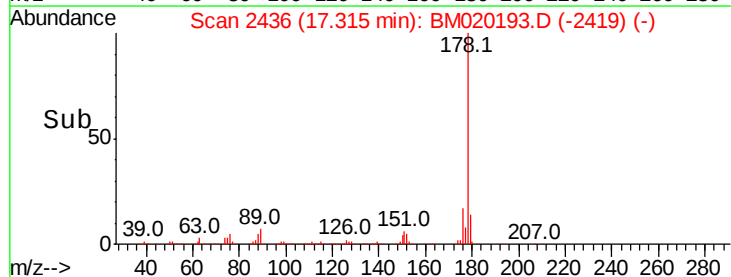
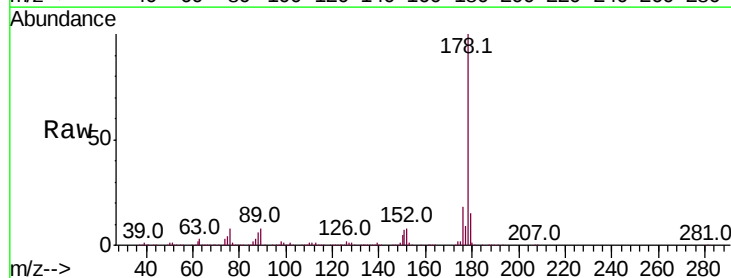
Manual Integrations
APPROVED

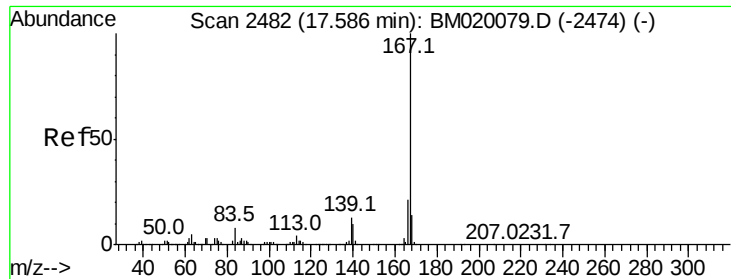
Sohil
5/9/2019 6:45:26 PM



#72
Anthracene
Concen: 3.483 ng
RT: 17.32 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion:178 Resp: 1493551
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.0 12.4 18.6





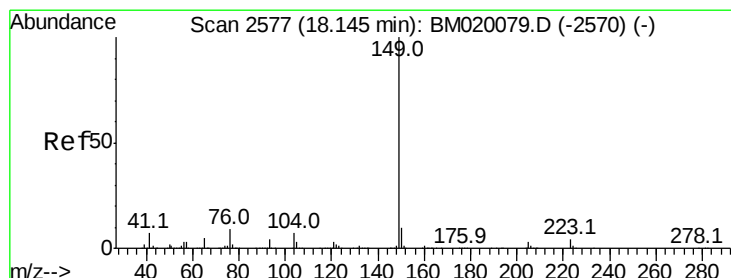
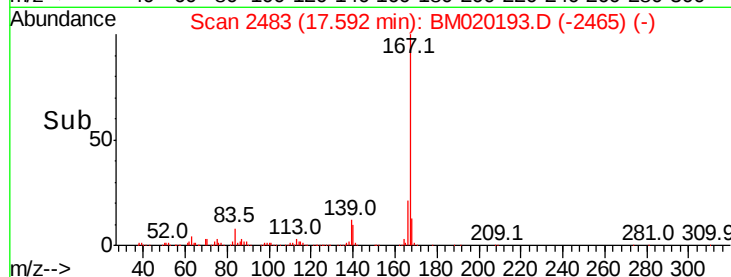
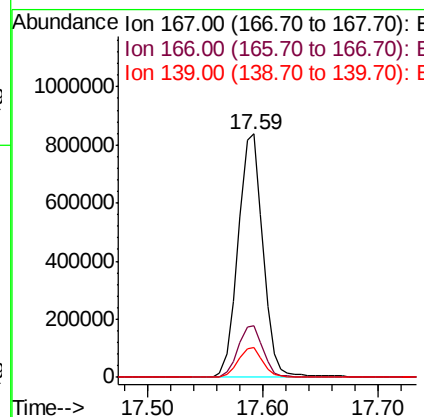
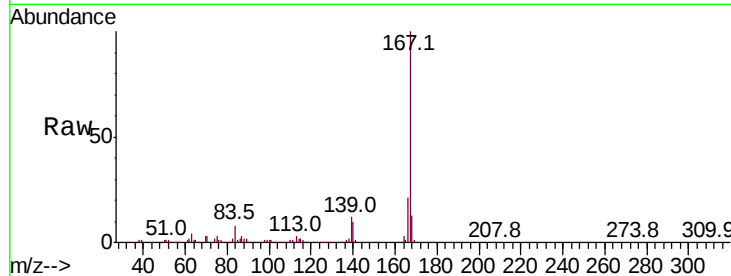
#73
 Carbazole
 Concen: 3.237 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.4	10.6	16.0

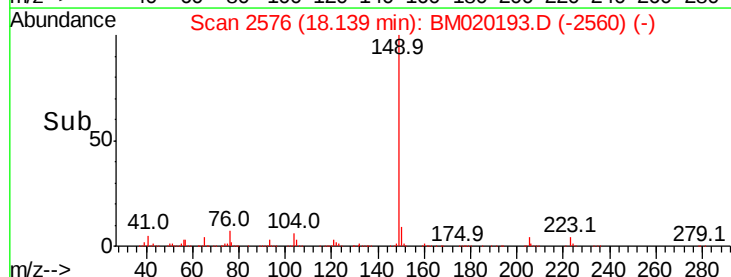
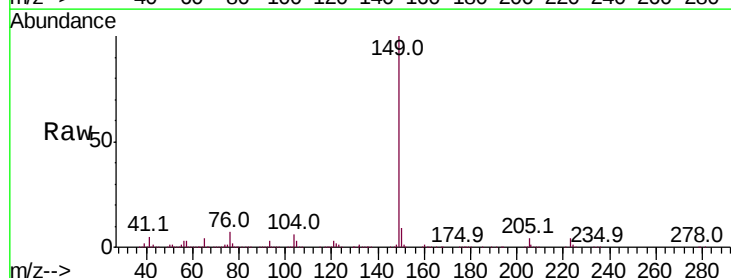
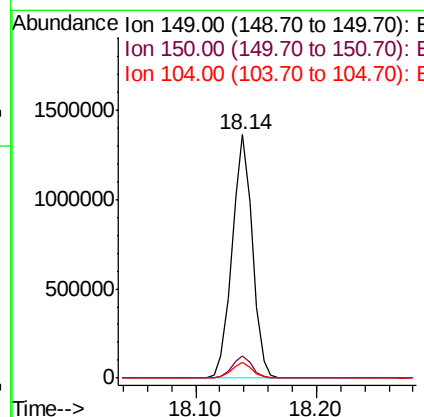
Manual Integrations
 APPROVED

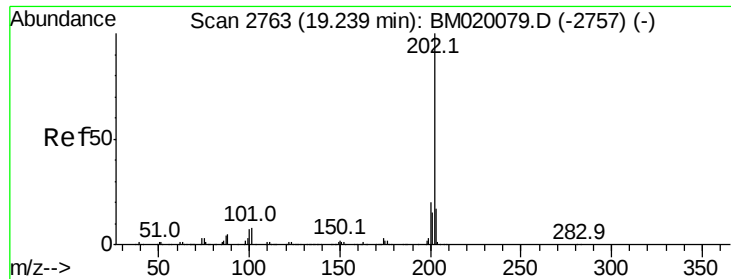
Sohil
 5/9/2019 6:45:26 PM



#74
 Di-n-butylphthalate
 Concen: 3.398 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	6.3	5.7	8.5





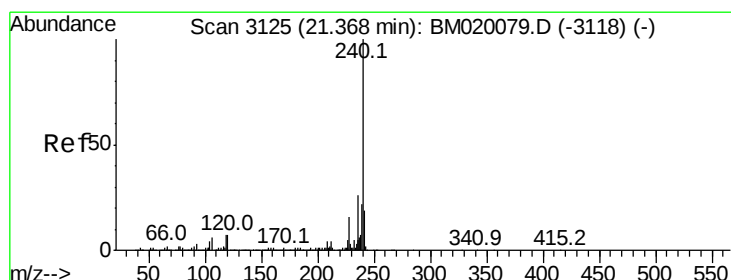
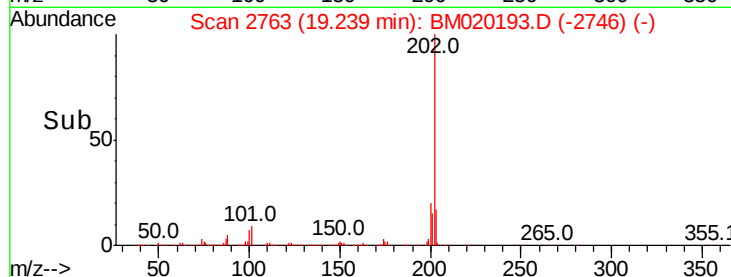
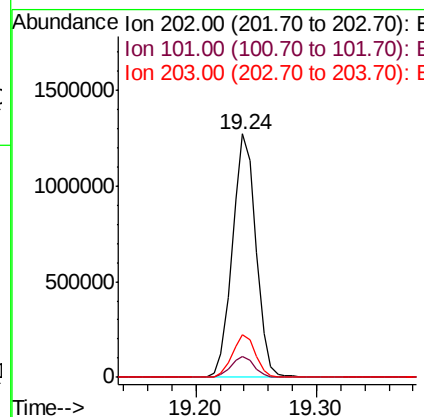
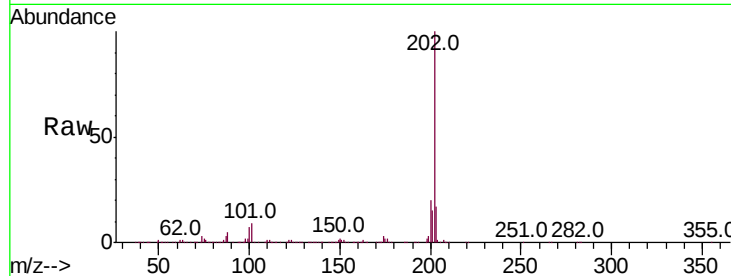
#75
 Fluoranthene
 Concen: 3.171 ng
 RT: 19.24 min Scan# 2763
 Delta R.T. -0.00 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.4
203	17.4	0.0	37.4

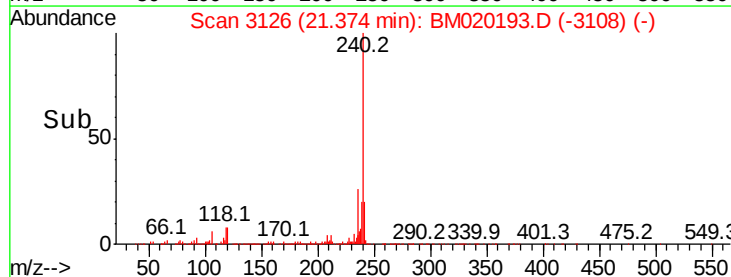
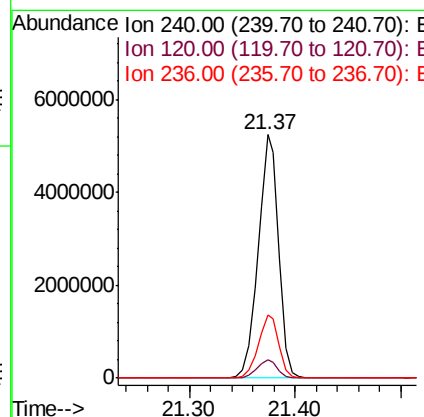
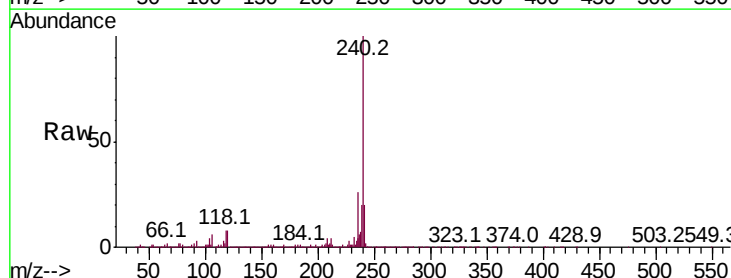
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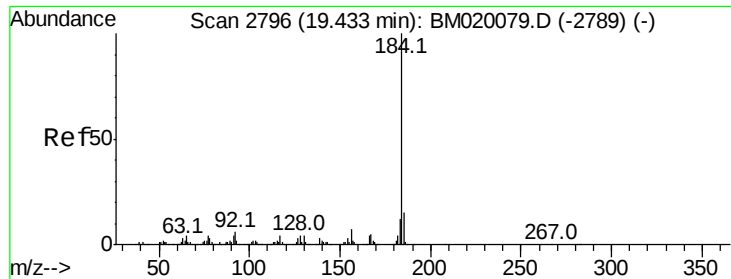
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.37 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.6	8.4
236	25.9	20.9	31.3





#77

Benzidine

Concen: 2.545 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

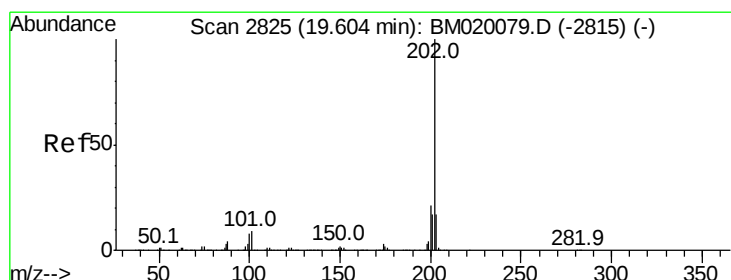
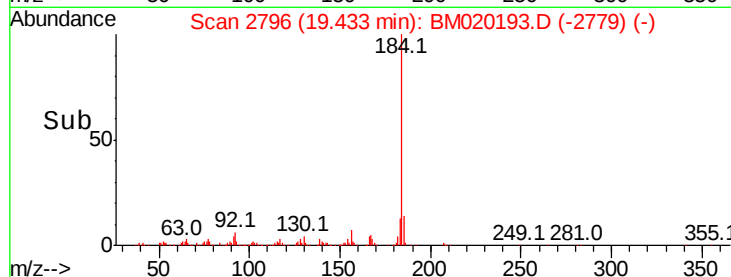
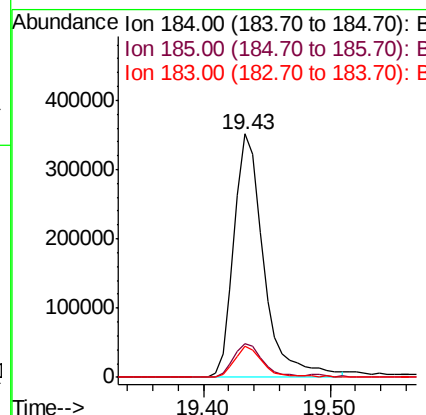
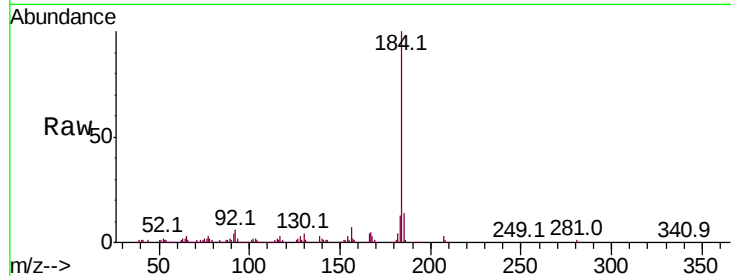
ClientSampleId :

PB119288BS

Tot Ion:	184	Resp:	575745
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.0	18.0
183	12.8	9.5	14.3

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#78

Pyrene

Concen: 3.673 ng

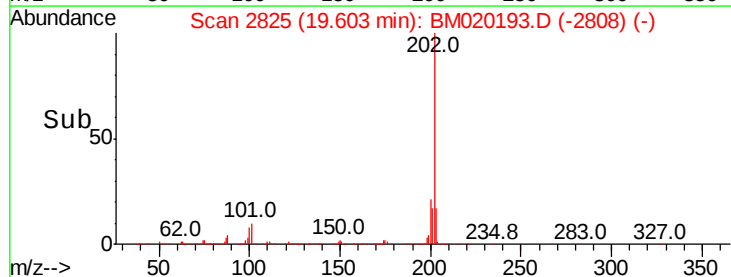
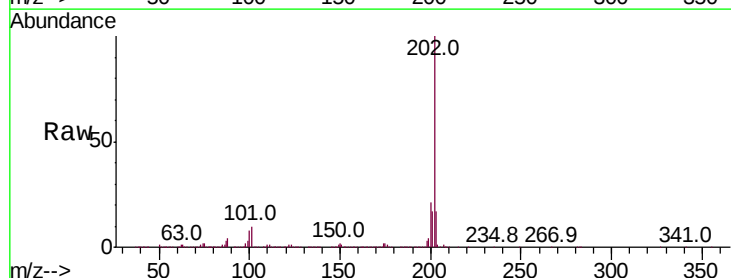
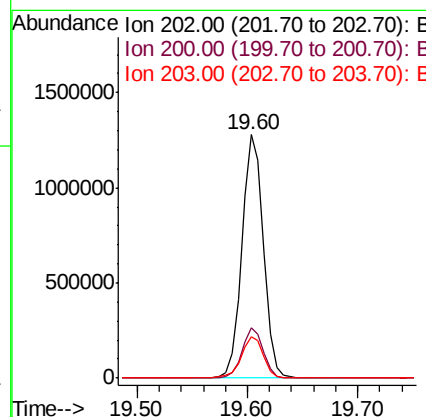
RT: 19.60 min Scan# 2825

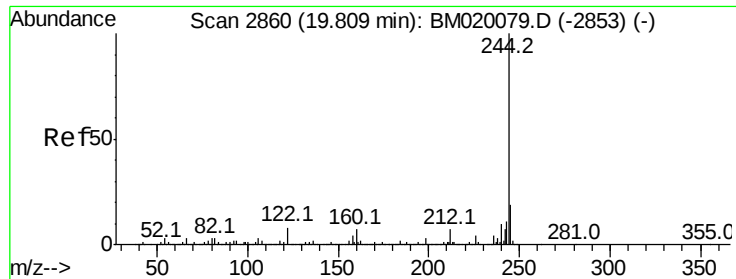
Delta R.T. -0.00 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Tgt Ion:	202	Resp:	1745215
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.5	24.7
203	16.9	13.9	20.9





#79

Terphenyl-d14

Concen: 7.140 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:244 Resp: 2897001

Ion Ratio Lower Upper

244 100

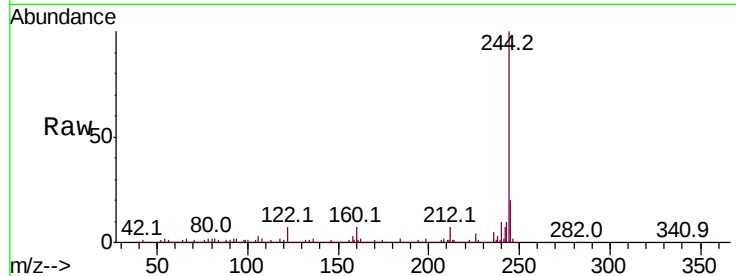
212 7.0 5.7 8.5

122 7.5 6.2 9.2

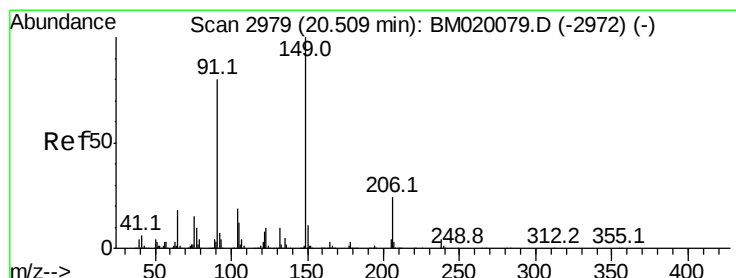
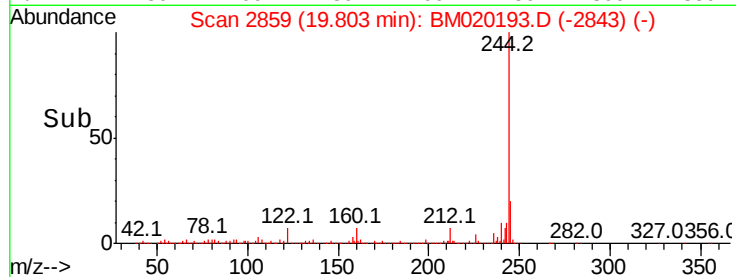
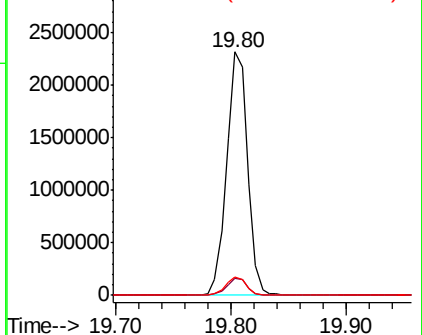
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.914 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

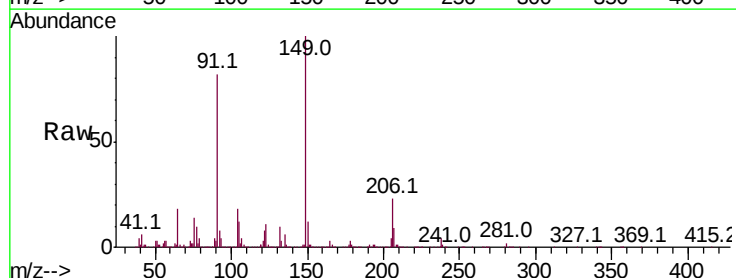
Tgt Ion:149 Resp: 676248

Ion Ratio Lower Upper

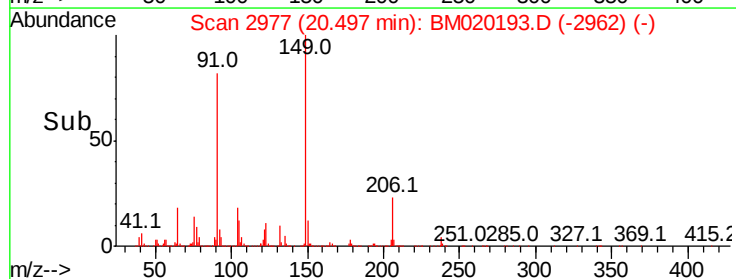
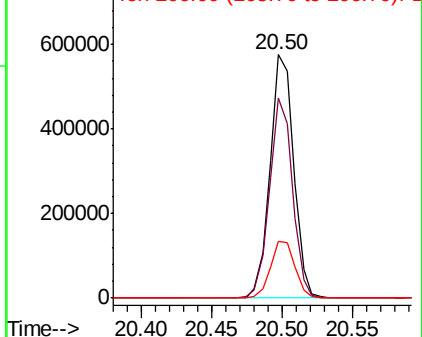
149 100

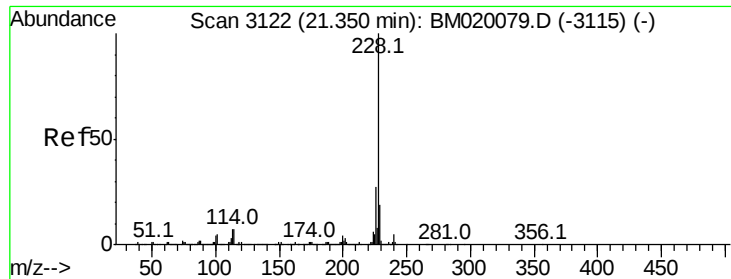
91 82.0 63.8 95.8

206 23.3 18.9 28.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.413 ng

RT: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:228 Resp: 1693940

Ion Ratio Lower Upper

228 100

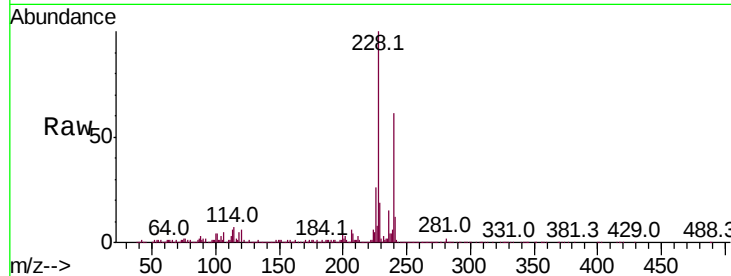
226 26.0 21.3 31.9

229 19.2 15.5 23.3

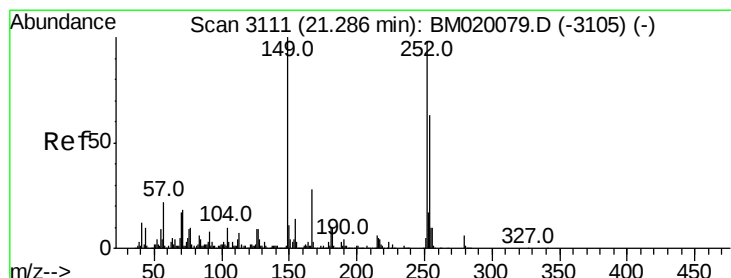
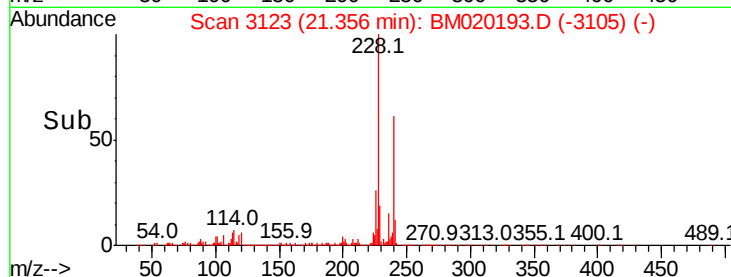
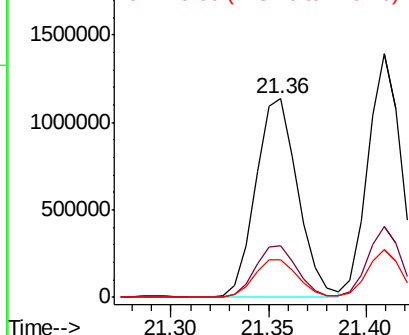
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.393 ng

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

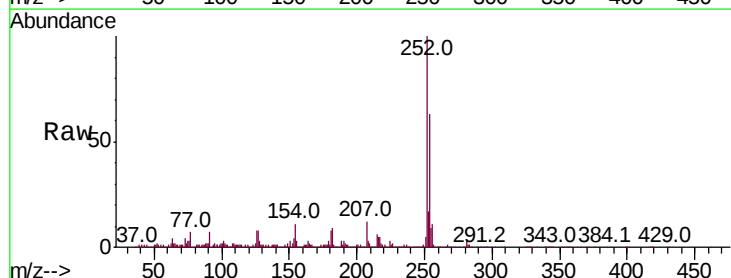
Tgt Ion:252 Resp: 642705

Ion Ratio Lower Upper

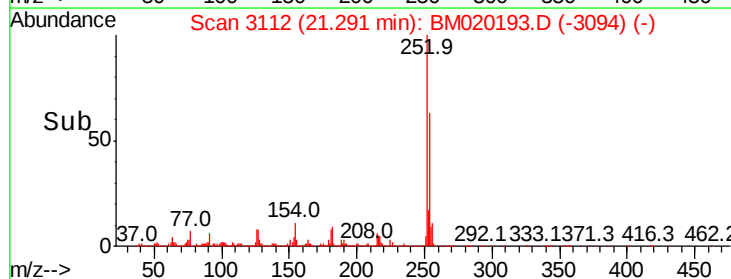
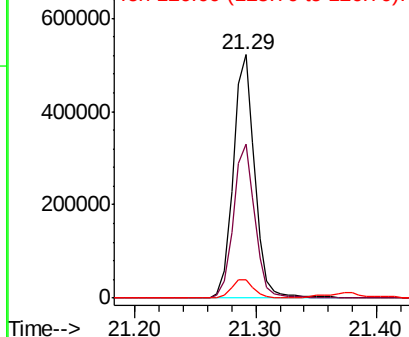
252 100

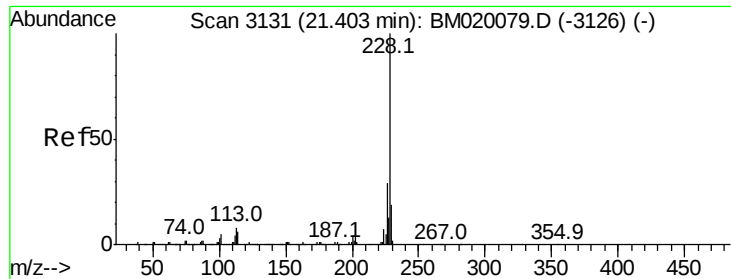
254 63.1 51.1 76.7

126 7.7 7.1 10.7



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





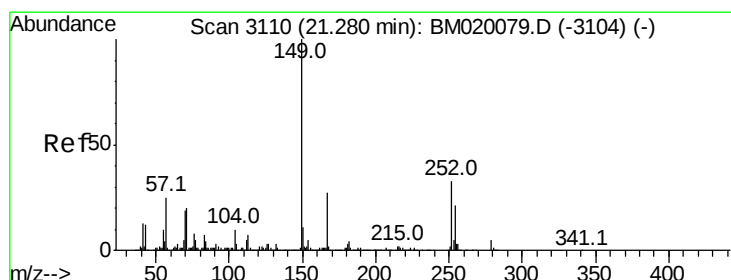
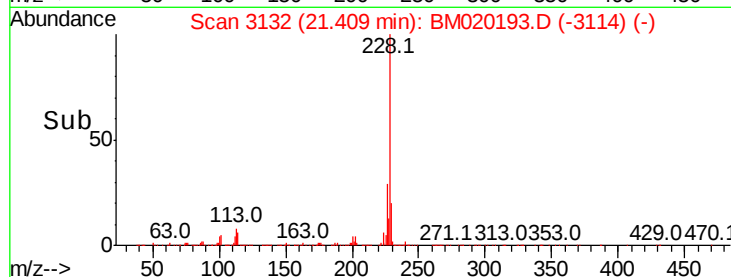
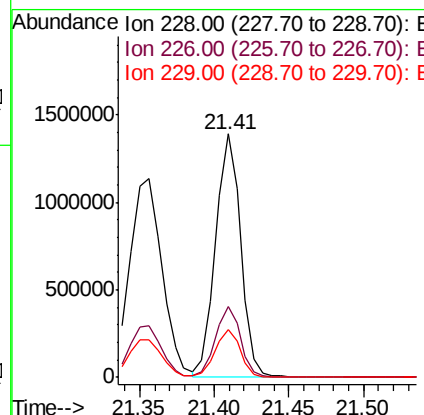
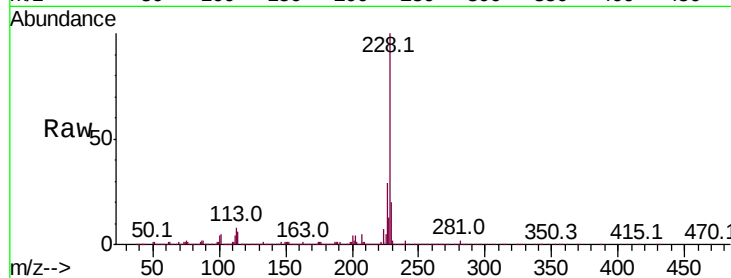
#83
 Chrysene
 Concen: 3.394 ng
 RT: 21.41 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	19.6	15.5	23.3

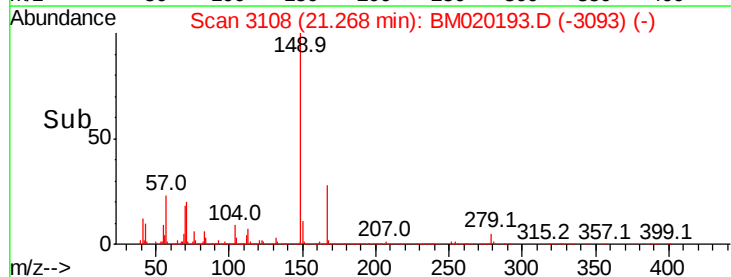
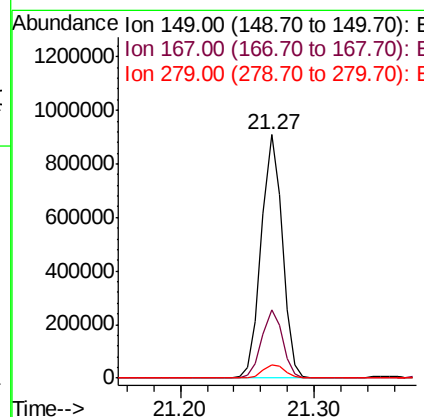
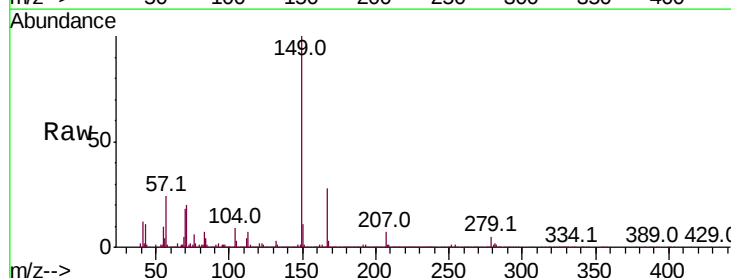
Manual Integrations
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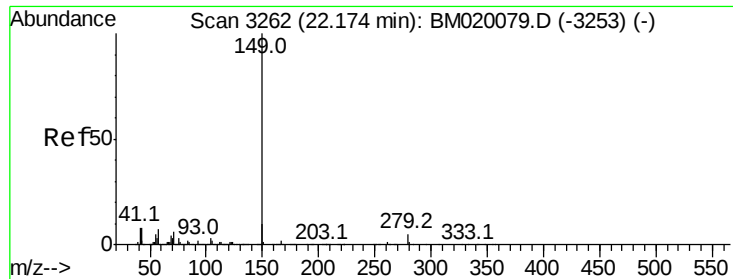
Sohil
 5/9/2019 6:45:26 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.644 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM020193.D
 Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	5.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 3.773 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:149 Resp: 1681403

Ion Ratio Lower Upper

149 100

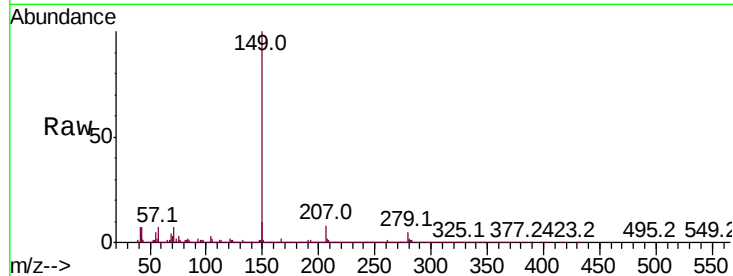
167 1.7 1.3 1.9

43 7.0 6.5 9.7

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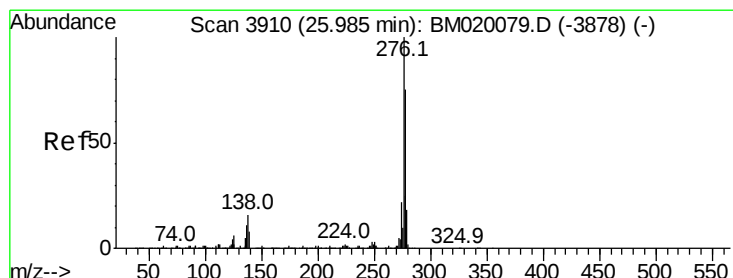
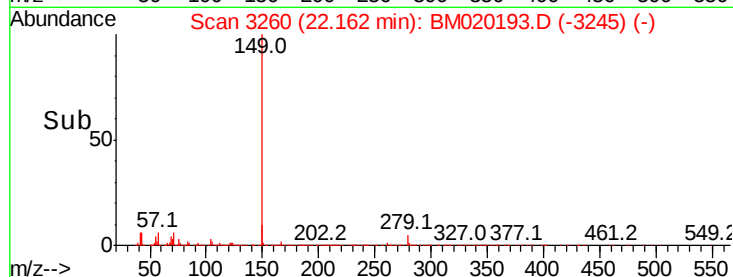
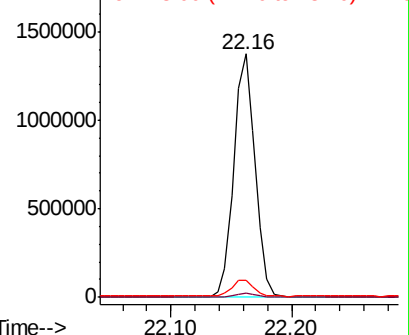
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 4.058 ng

RT: 26.00 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

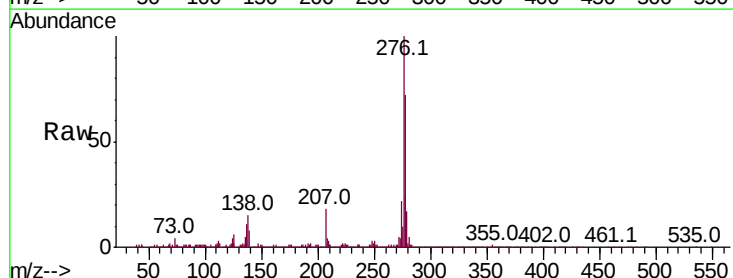
Tgt Ion:276 Resp: 2323392

Ion Ratio Lower Upper

276 100

138 16.0 0.0 0.0#

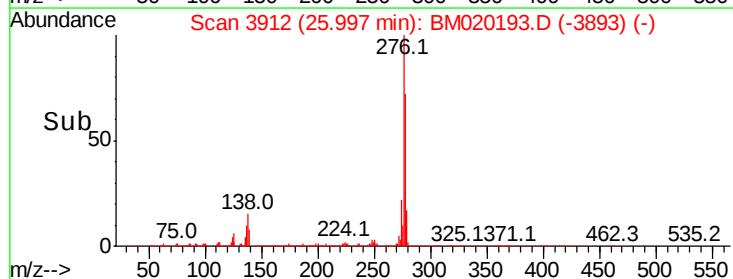
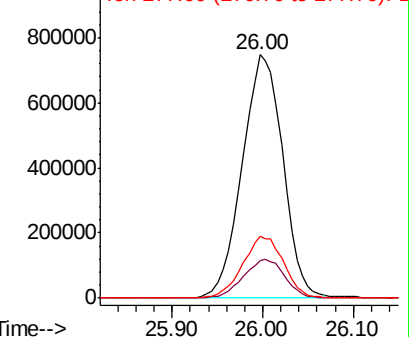
277 25.5 0.0 0.0#

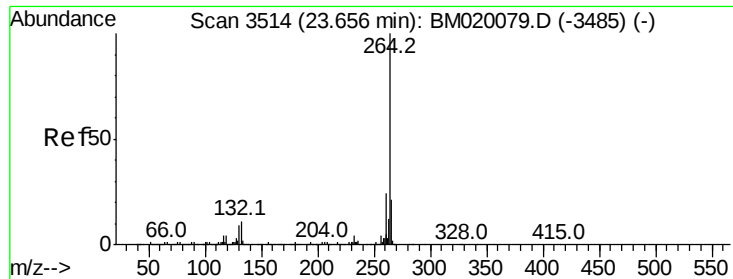


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.68 min Scan# 3518

Delta R.T. 0.02 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

Instrument :

BNA_M

ClientSampled :

PB119288BS

Tot Ion:264 Resp: 8515902

Ion Ratio Lower Upper

264 100

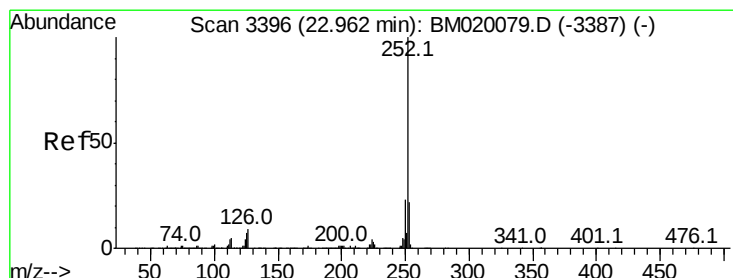
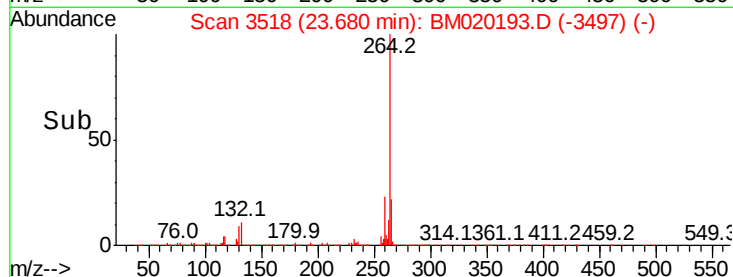
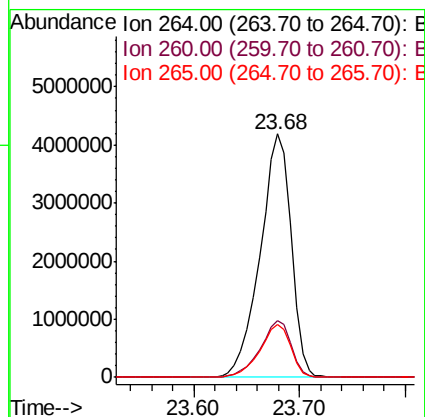
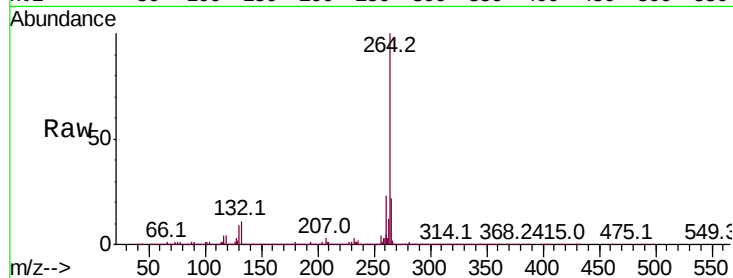
260 23.2 19.2 28.8

265 21.8 16.9 25.3

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#88

Benzo(b)fluoranthene

Concen: 3.330 ng

RT: 22.97 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BM020193.D

Acq: 08 May 2019 14:05

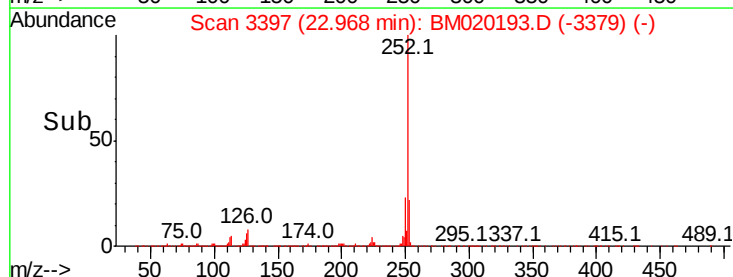
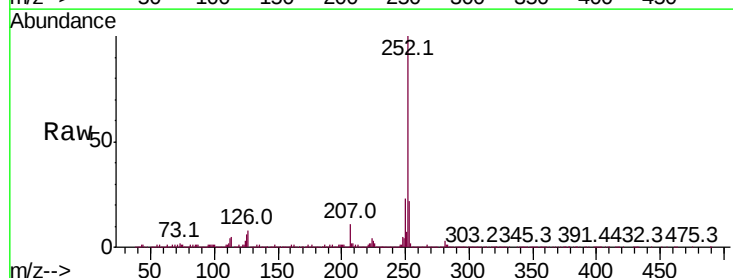
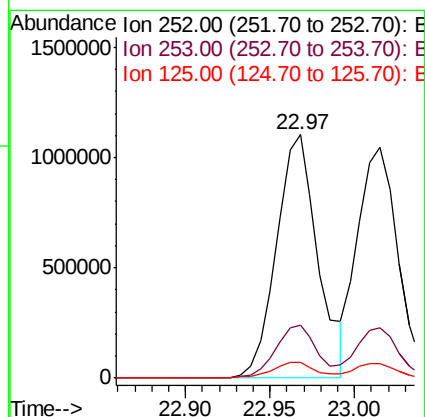
Tgt Ion:252 Resp: 1872458

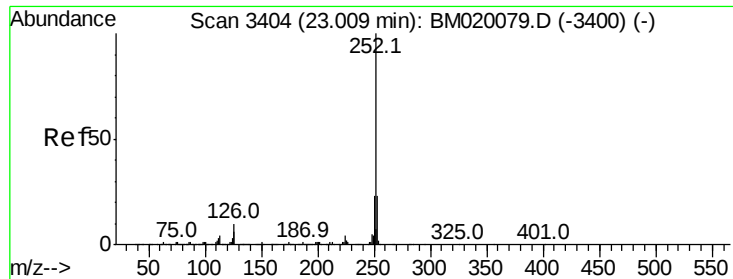
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 6.3 5.4 8.2





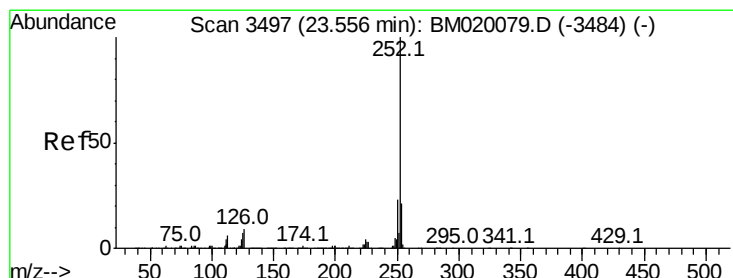
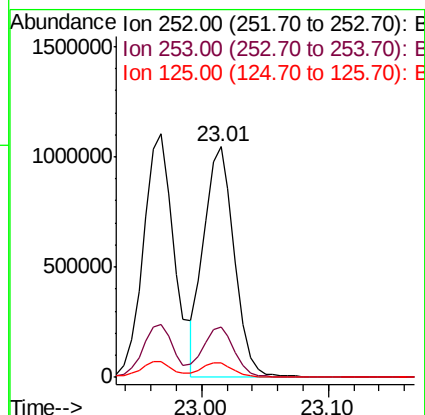
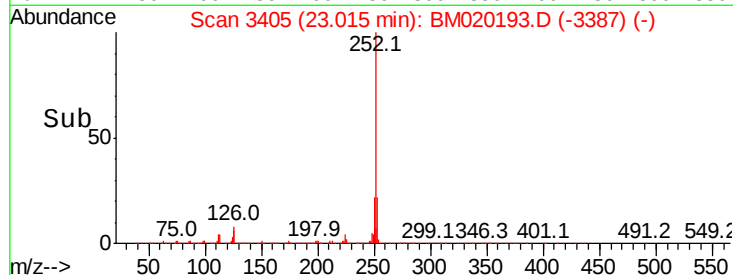
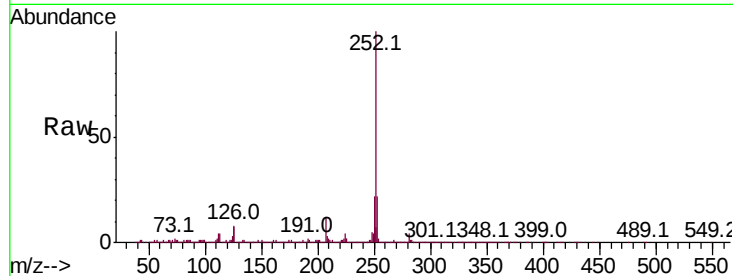
#89
Benzo(k)fluoranthene
Concen: 3.380 ng
RT: 23.01 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	6.6	5.4	8.0

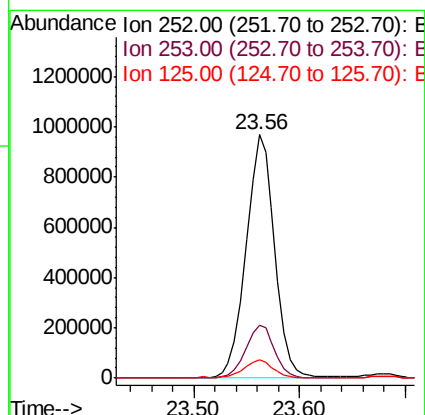
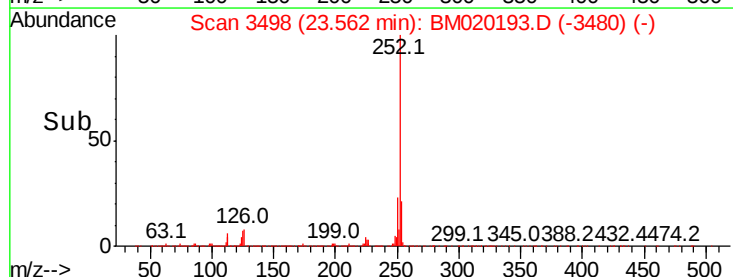
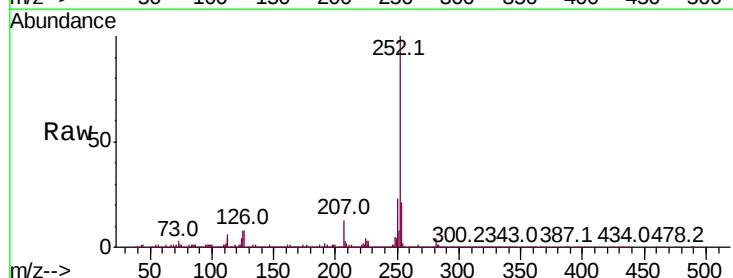
Manual Integrations
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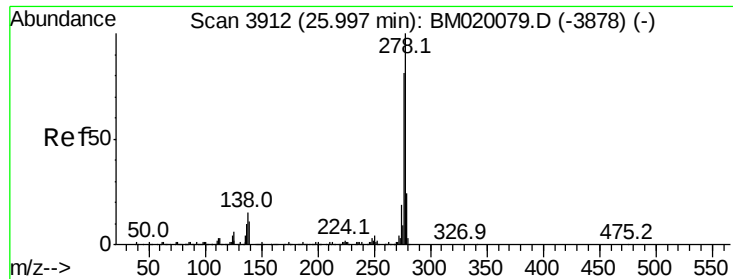
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#90
Benzo(a)pyrene
Concen: 3.536 ng
RT: 23.56 min Scan# 3498
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	7.6	5.5	8.3





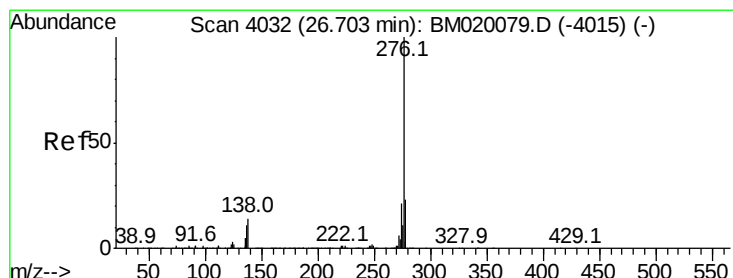
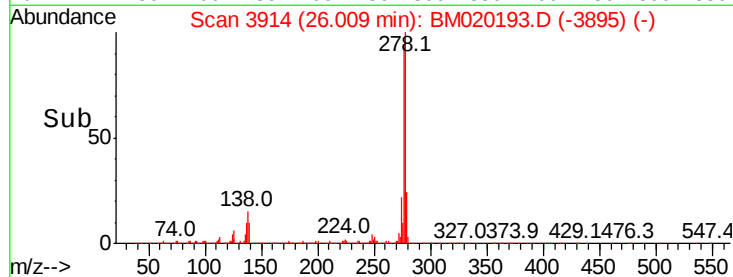
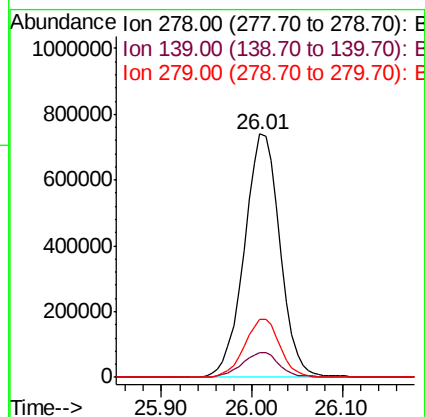
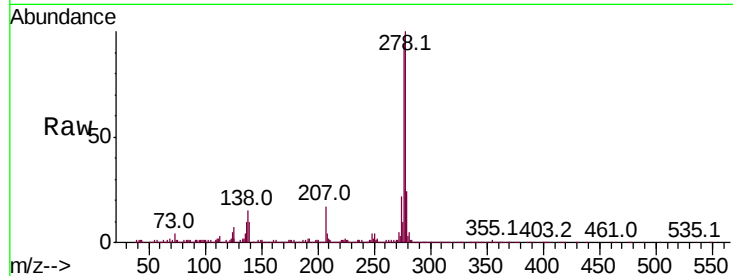
#91
Dibenzo(a,h)anthracene
Concen: 3.793 ng
RT: 26.01 min Scan# 3914
Delta R.T. 0.01 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:278 Resp: 2015027
Ion Ratio Lower Upper
278 100
139 10.4 8.6 13.0
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:45:26 PM



#92
Benzo(g,h,i)perylene
Concen: 3.822 ng
RT: 26.72 min Scan# 4035
Delta R.T. 0.02 min
Lab File: BM020193.D
Acq: 08 May 2019 14:05

Tgt Ion:276 Resp: 1927460
Ion Ratio Lower Upper
276 100
277 23.2 18.4 27.6
138 13.7 11.1 16.7

