

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020180.D
 Acq On : 08 May 2019 00:21
 Operator : JU/SJ
 Sample : K2704-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:44:29 PM

Quant Time: May 08 05:10:08 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	110413	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	394773	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	231319	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	548040	20.00	ng	0.00
76) Chrysene-d12	21.36	240	607248	20.00	ng	0.00
87) Perylene-d12	23.64	264	720561	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1057248	156.52	ng	0.00
7) Phenol-d6	6.96	99	1443345	156.41	ng	0.00
23) Nitrobenzene-d5	8.95	82	1024644	102.47	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	624165	173.84	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1767318	94.00	ng	0.00
79) Terphenyl-d14	19.80	244	2804211	80.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	137436	41.485	ng	95
3) Pyridine	3.70	79	384203	45.346	ng	95
4) n-Nitrosodimethylamine	3.62	42	130873	48.169	ng	# 76
6) Aniline	7.12	93	312668	26.916	ng	98
8) 2-Chlorophenol	7.35	128	354164	48.153	ng	99
9) Benzaldehyde	6.94	77	243102	34.807	ng	95
10) Phenol	6.98	94	486446	48.967	ng	94
11) bis(2-Chloroethyl)ether	7.22	93	362224	50.167	ng	95
12) 1,3-Dichlorobenzene	7.67	146	403209	47.118	ng	96
13) 1,4-Dichlorobenzene	7.82	146	403540	46.681	ng	95
14) 1,2-Dichlorobenzene	8.13	146	384255	46.656	ng	98
15) Benzyl Alcohol	8.03	79	403665	45.365	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	269989	45.095	ng	96
17) 2-Methylphenol	8.23	107	314198	49.132	ng	95
18) Hexachloroethane	8.86	117	161876	44.910	ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	347557	44.022	ng	94
20) 3+4-Methylphenols	8.56	107	410395	48.286	ng	96
22) Acetophenone	8.62	105	557699	51.690	ng	# 96
24) Nitrobenzene	9.00	77	498990	48.130	ng	98
25) Isophorone	9.52	82	865073	50.168	ng	99
26) 2-Nitrophenol	9.70	139	194337	62.089	ng	94
27) 2,4-Dimethylphenol	9.76	122	304950	58.521	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	474087	50.480	ng	99
29) 2,4-Dichlorophenol	10.23	162	347119	52.827	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	409614	50.663	ng	98
31) Naphthalene	10.63	128	1026672	50.115	ng	99
32) Benzoic acid	9.82	122	22817	11.917	ng	# 85
33) 4-Chloroaniline	10.75	127	154408	18.312	ng	98
34) Hexachlorobutadiene	10.90	225	273846	47.880	ng	94
35) Caprolactam	11.55	113	105408m	53.649	ng	
36) 4-Chloro-3-methylphenol	11.87	107	378454	49.012	ng	98
37) 2-Methylnaphthalene	12.25	142	757765	50.737	ng	97
38) 1-Methylnaphthalene	12.47	142	718358	49.187	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	469961	51.929	ng	99

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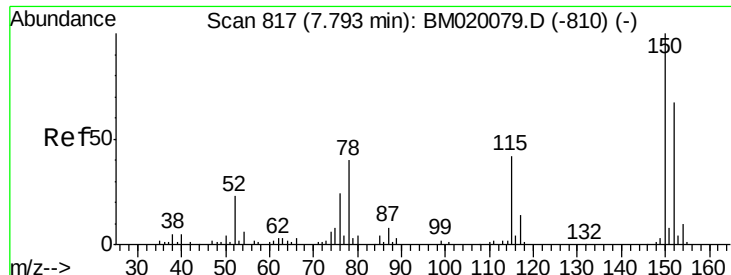
Manual Integrations
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Quant Time: May 08 05:10:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	470087	88.218	nq	99
43) 2,4,6-Trichlorophenol	12.86	196	305395	59.376	nq	99
44) 2,4,5-Trichlorophenol	12.93	196	319926	55.679	nq	97
46) 1,1'-Biphenyl	13.26	154	964153	50.639	nq	99
47) 2-Chloronaphthalene	13.30	162	771959	50.781	nq	100
48) 2-Nitroaniline	13.52	65	279741	51.689	nq	89
49) Acenaphthylene	14.16	152	1188273	48.842	nq	99
50) Dimethylphthalate	13.89	163	1127696	57.359	nq	99
51) 2,6-Dinitrotoluene	14.02	165	209881	50.685	nq	92
52) Acenaphthene	14.49	154	702880	50.380	nq	98
53) 3-Nitroaniline	14.35	138	130742	34.019	nq	98
54) 2,4-Dinitrophenol	14.56	184	56243	32.716	nq	96
55) Dibenzofuran	14.83	168	1160679	49.322	nq	98
56) 4-Nitrophenol	14.66	139	321682	98.101	nq	91
57) 2,4-Dinitrotoluene	14.80	165	296961	52.777	nq	93
58) Fluorene	15.48	166	948127	49.057	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.06	232	304395	55.747	nq	98
60) Diethylphthalate	15.25	149	954752	48.202	nq	100
61) 4-Chlorophenyl-phenylether	15.47	204	530661	48.459	nq	95
62) 4-Nitroaniline	15.52	138	203696	48.026	nq	94
63) Azobenzene	15.77	77	1057753	45.266	nq	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	118095	43.497	nq	97
66) n-Nitrosodiphenylamine	15.69	169	817312	50.682	nq	97
67) 4-Bromophenyl-phenylether	16.37	248	331868	49.382	nq	95
68) Hexachlorobenzene	16.47	284	387938	50.164	nq	97
69) Atrazine	16.64	200	319659	50.722	nq	98
70) Pentachlorophenol	16.82	266	501268	113.287	nq	98
71) Phenanthrene	17.22	178	1615036	53.386	nq	100
72) Anthracene	17.31	178	1589868	52.563	nq	99
73) Carbazole	17.59	167	1371700	50.260	nq	99
74) Di-n-butylphthalate	18.14	149	1629082	49.599	nq	97
75) Fluoranthene	19.24	202	2172395	56.755	nq	99
77) Benzidine	19.43	184	872614	44.947	nq	99
78) Pyrene	19.60	202	2191930	53.763	nq	100
80) Butylbenzylphthalate	20.50	149	799111	53.899	nq	100
81) Benzo(a)anthracene	21.34	228	2122201	49.833	nq	99
82) 3,3'-Dichlorobenzidine	21.28	252	622958	38.327	nq	99
83) Chrysene	21.40	228	2059131	49.856	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1156586	50.273	nq	99
85) Di-n-octyl phthalate	22.15	149	2043607	53.445	nq	97
86) Indeno(1,2,3-cd)pyrene	25.98	276	2706487	55.092	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	2292989	48.190	nq	99
89) Benzo(k)fluoranthene	23.00	252	2181096	50.251	nq	99
90) Benzo(a)pyrene	23.55	252	2235866	51.732	nq	98
91) Dibenzo(a,h)anthracene	25.99	278	2285588	50.851	nq	100
92) Benzo(g,h,i)perylene	26.70	276	2240525	52.505	nq	99

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



#1

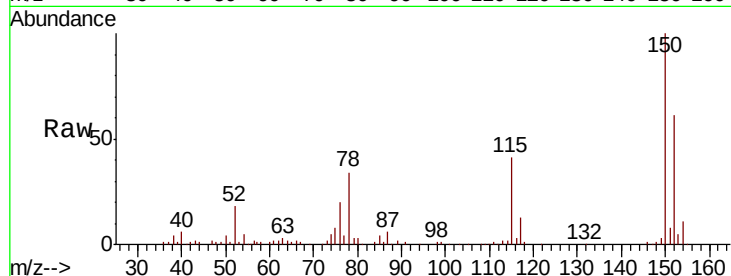
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	119.8	179.8
115	66.9	50.8	76.2

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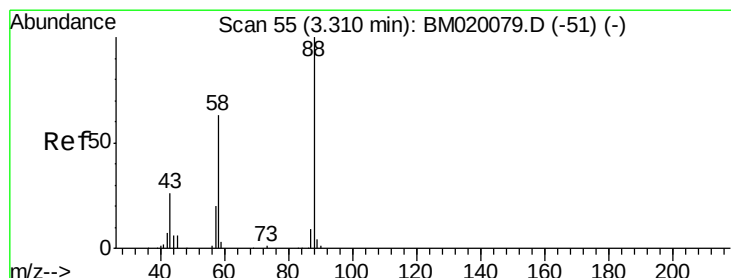
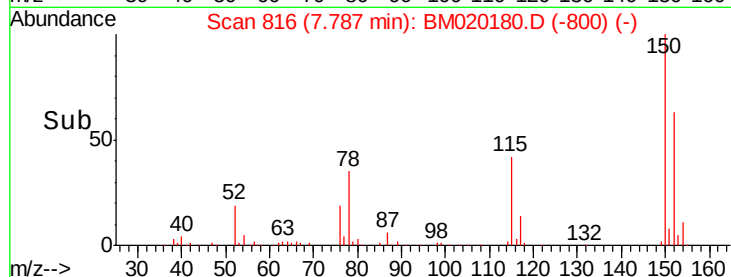
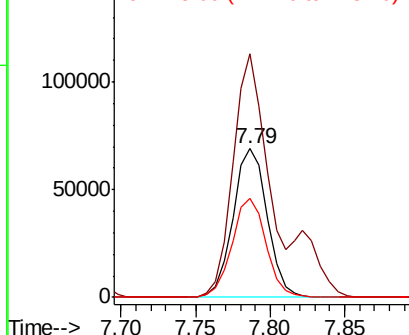


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

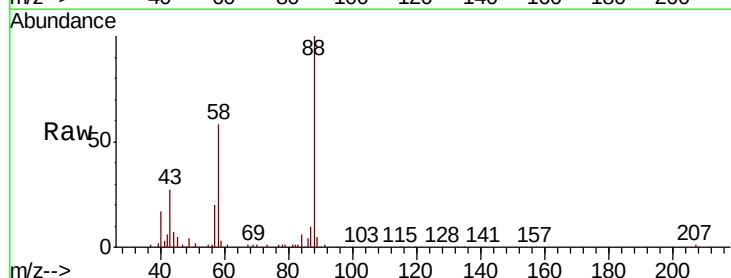
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.485 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.4	51.8	77.6
43	24.0	20.3	30.5

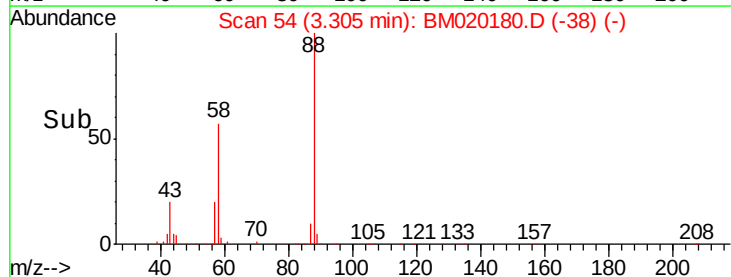
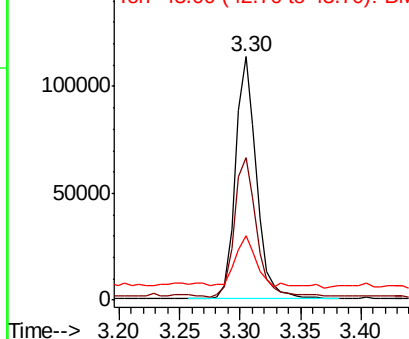


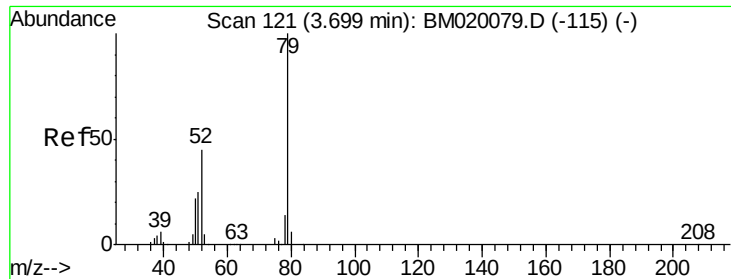
Abundance

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: 45.346 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

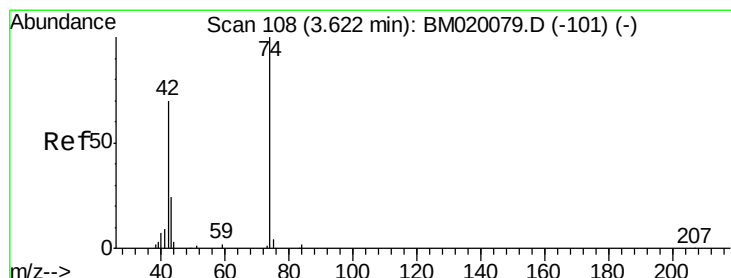
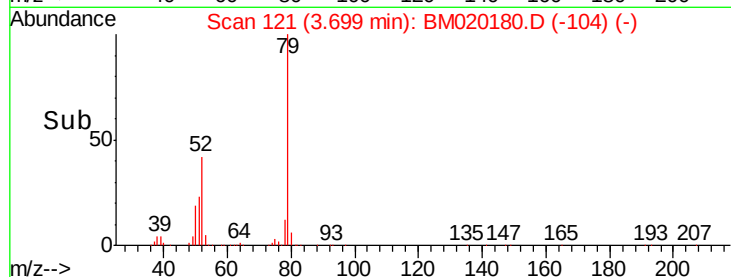
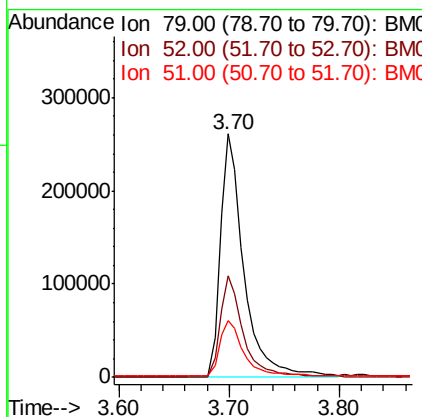
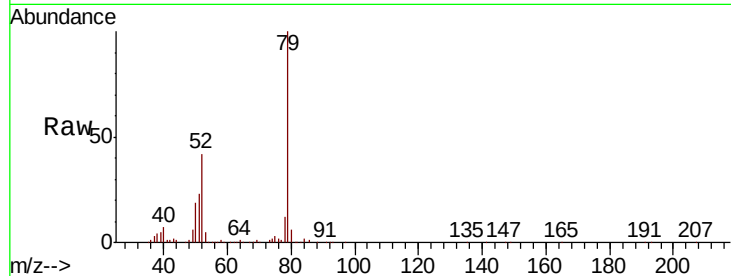
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:	79	Resp:	384203
Ion	Ratio	Lower	Upper
79	100		
52	41.5	35.7	53.5
51	23.3	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 48.169 ng

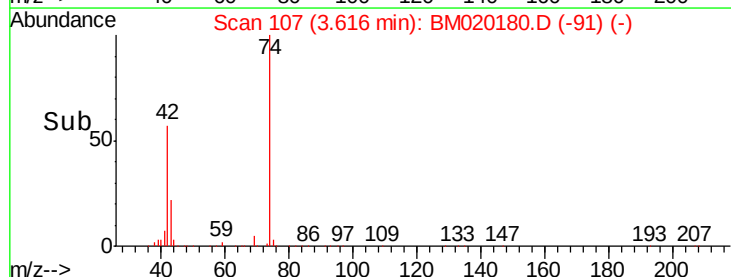
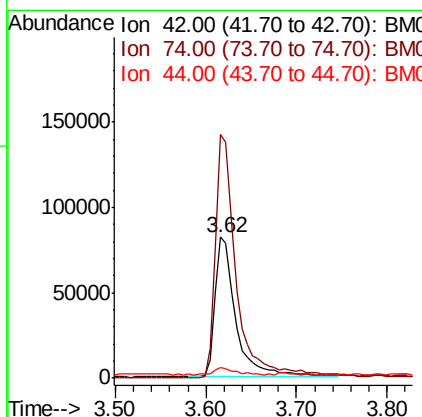
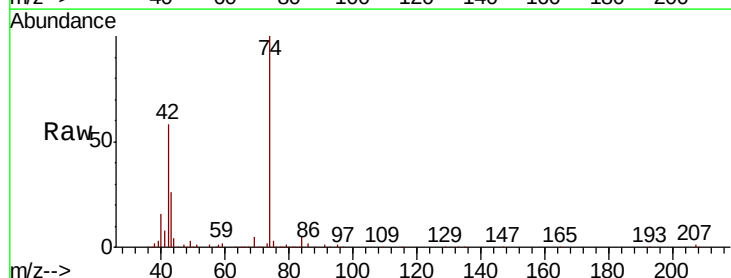
RT: 3.62 min Scan# 107

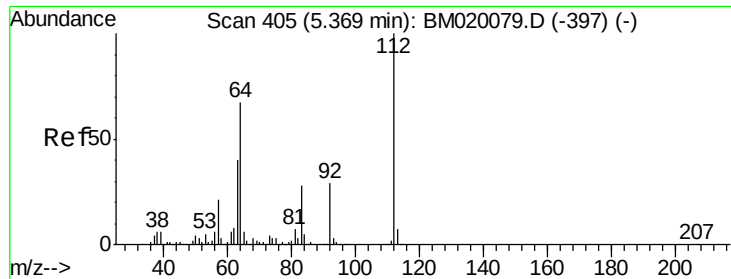
Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion:	42	Resp:	130873
Ion	Ratio	Lower	Upper
42	100		
74	172.9	113.7	170.5#
44	7.2	3.9	5.9#





#5

2-Fluorophenol

Concen: 156.519 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:112 Resp: 1057248

Ion Ratio Lower Upper

112 100

64 66.6 53.8 80.6

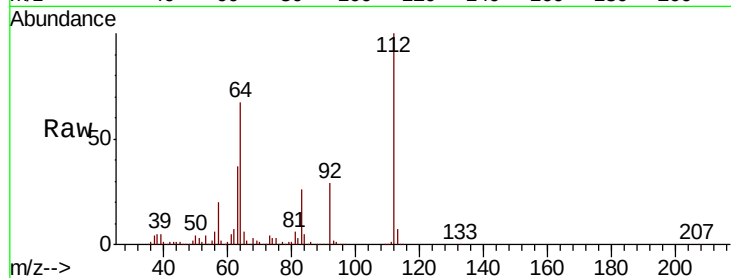
63 36.9 32.3 48.5

Manual Integrations

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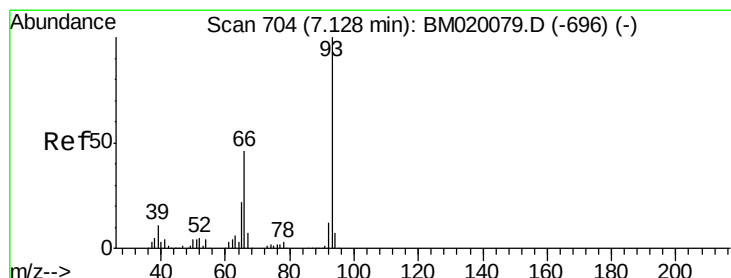
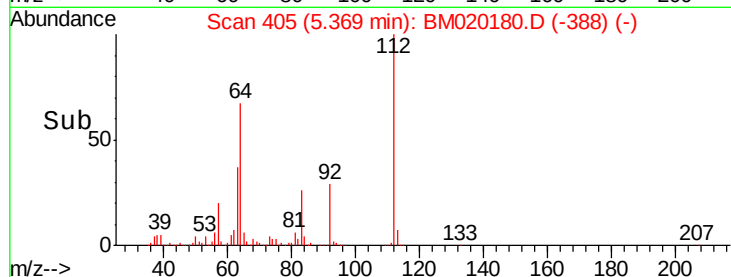
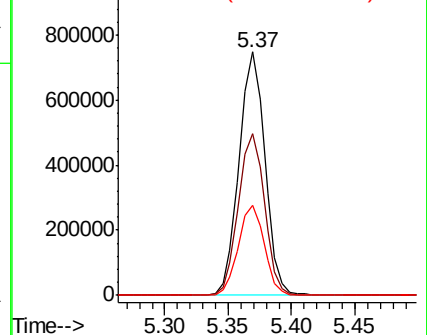
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 26.916 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

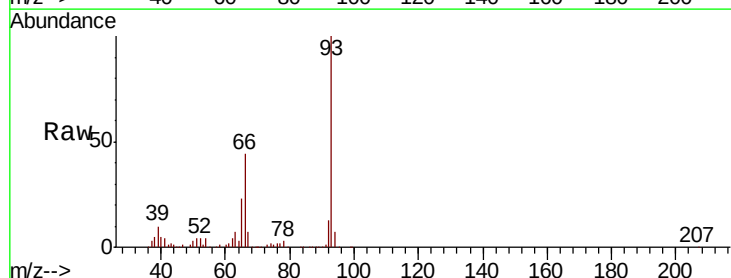
Tgt Ion: 93 Resp: 312668

Ion Ratio Lower Upper

93 100

66 44.1 36.6 54.8

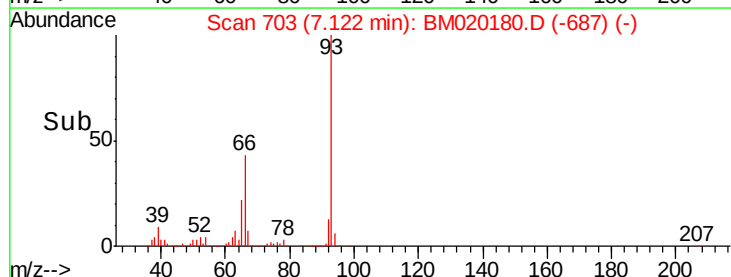
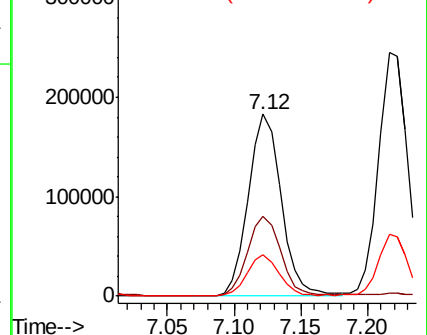
65 22.8 17.8 26.6

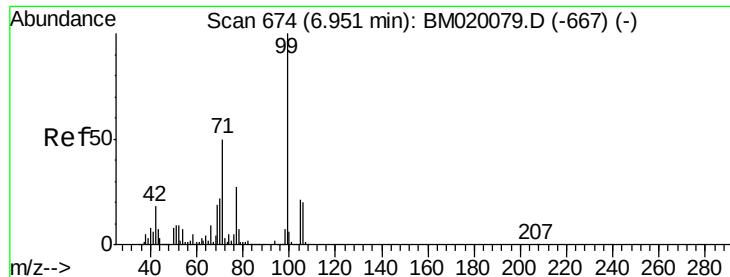


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 156.410 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion: 99 Resp: 1443345

Ion Ratio Lower Upper

99 100

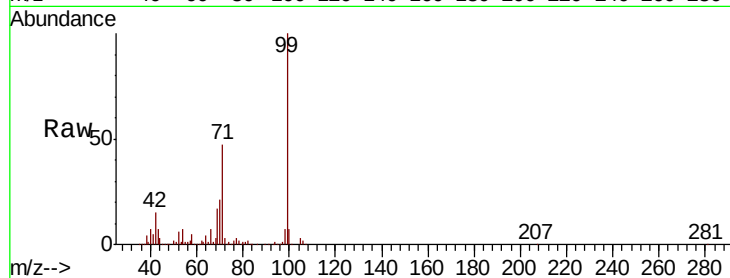
42 15.2 14.2 21.2

71 46.8 40.3 60.5

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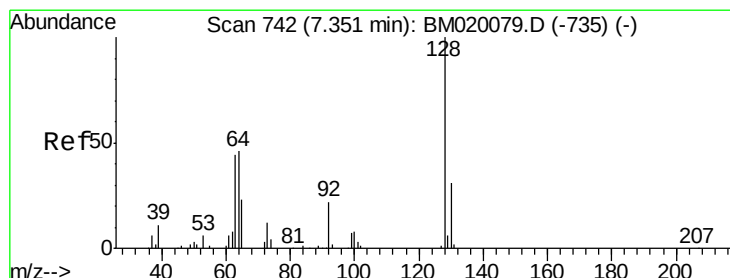
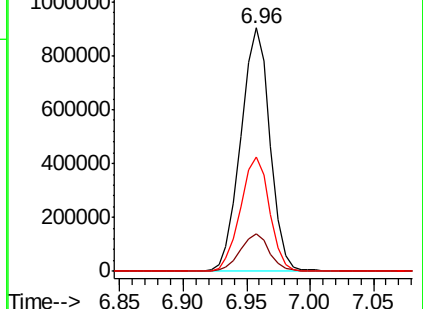
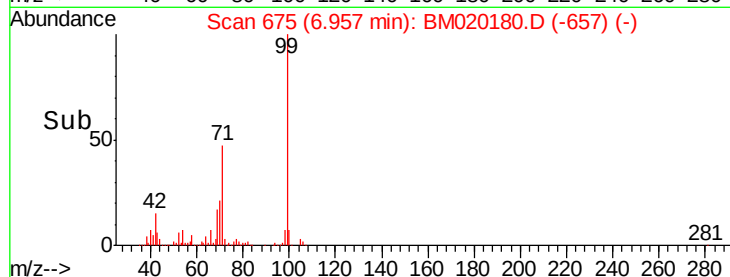
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Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 48.153 ng

RT: 7.35 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

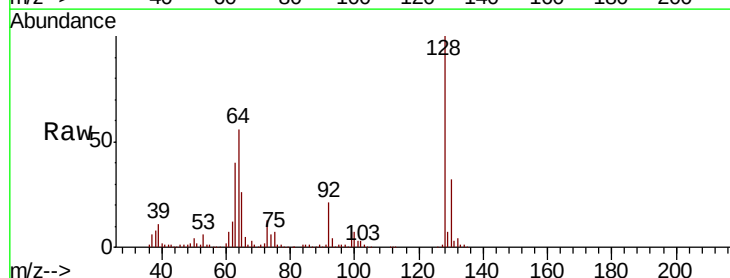
Tgt Ion: 128 Resp: 354164

Ion Ratio Lower Upper

128 100

130 32.4 10.8 50.8

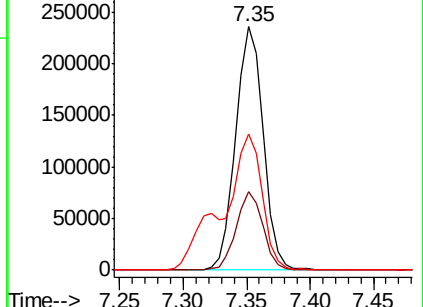
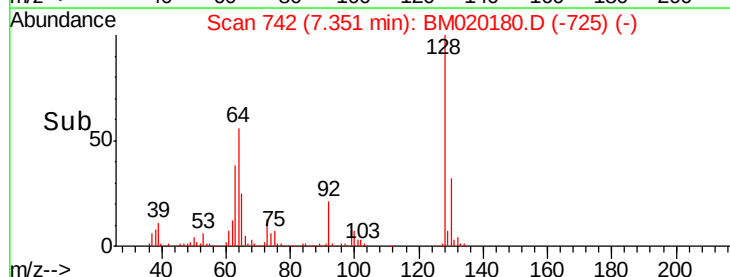
64 56.1 36.5 76.5

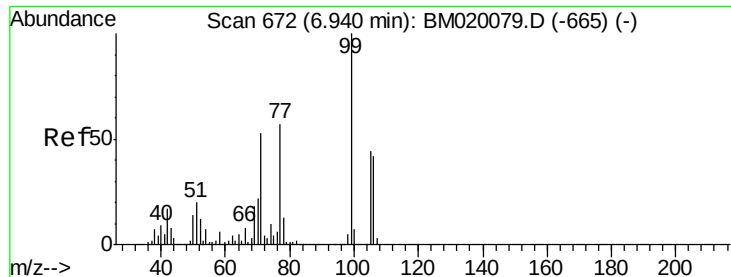


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)





#9

Benzaldehyde

Concen: 34.807 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

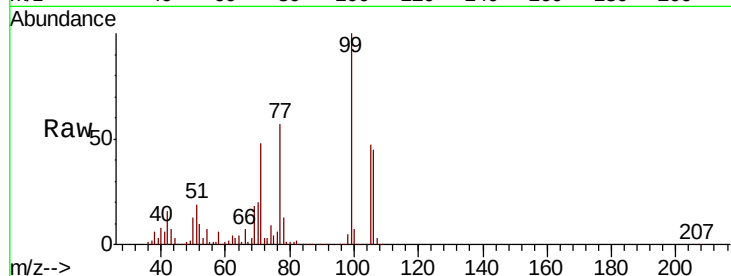
ClientSampleId :

SB-2(33.5-35.5)MSD

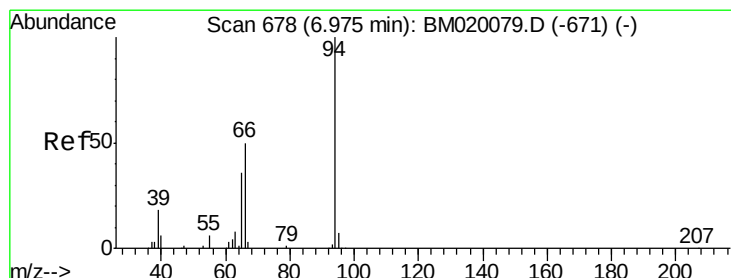
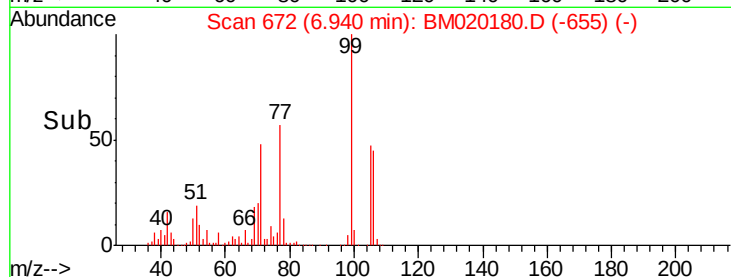
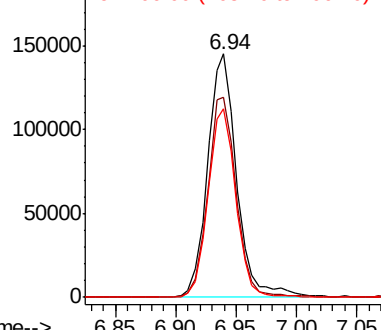
Tot Ion:	77	Resp:	243102
Ion Ratio	Lower	Upper	
77	100		
105	82.3	57.8	97.8
106	77.7	53.6	93.6

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 48.967 ng

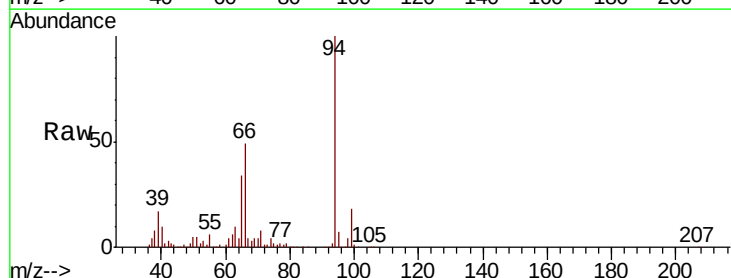
RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

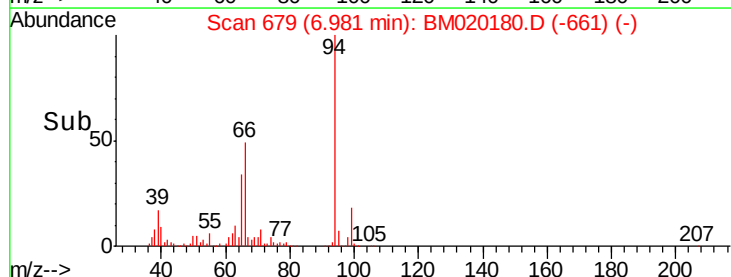
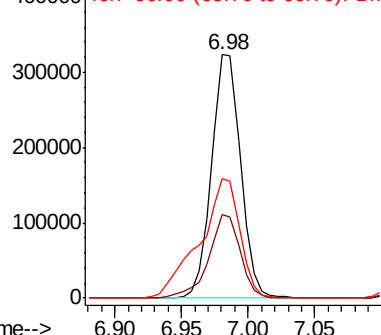
Lab File: BM020180.D

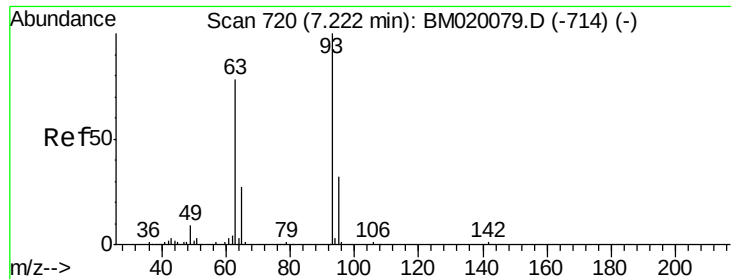
Acq: 08 May 2019 00:21

Tgt Ion:	94	Resp:	486446
Ion Ratio	Lower	Upper	
94	100		
65	34.3	17.0	57.0
66	49.3	34.5	74.5



Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)





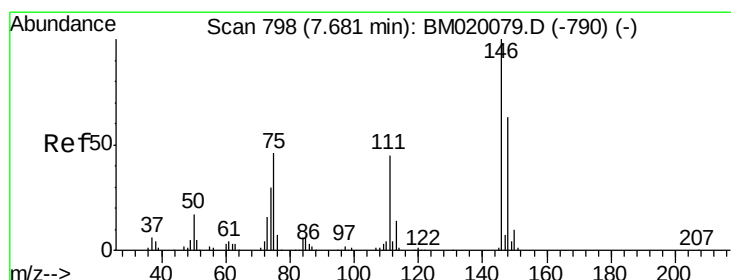
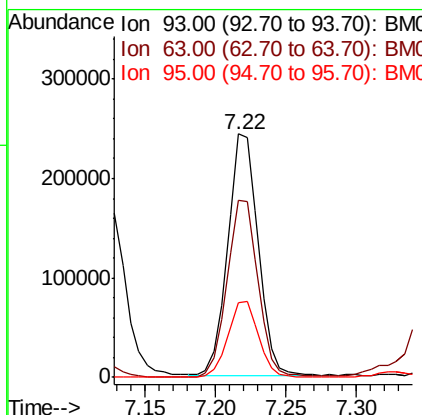
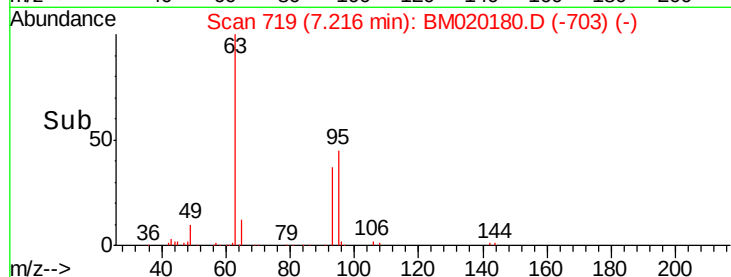
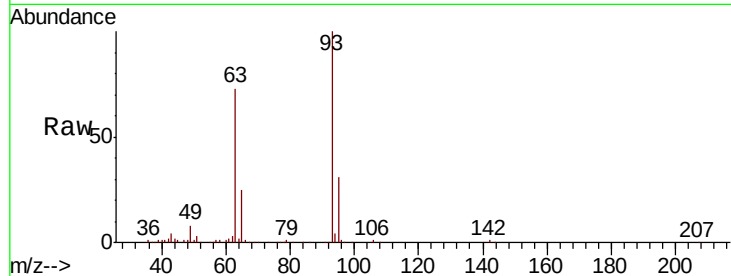
#11
bis(2-Chloroethyl)ether
Concen: 50.167 ng
RT: 7.22 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion:	93	Resp:	362224
Ion	Ratio	Lower	Upper
93	100		
63	72.7	57.9	97.9
95	30.7	11.3	51.3

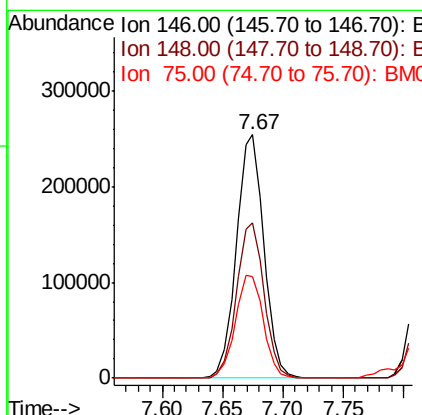
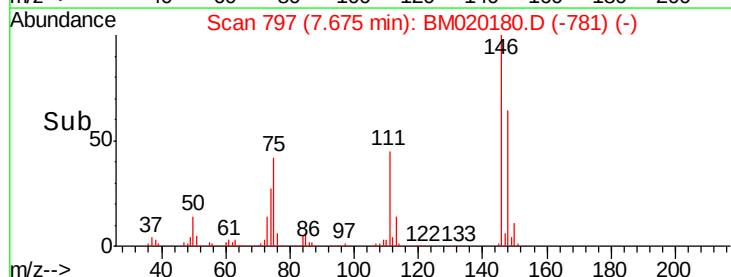
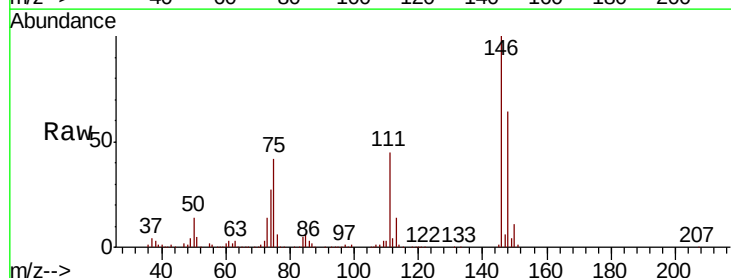
Manual Integrations
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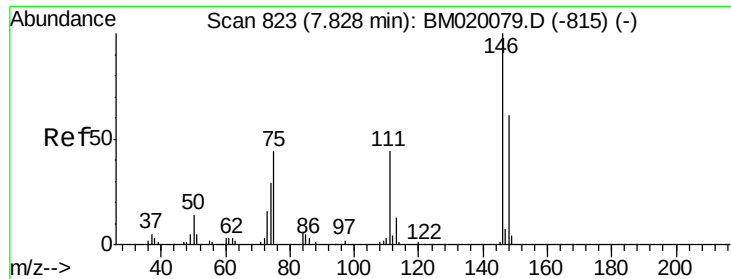
Sohil
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#12
1,3-Dichlorobenzene
Concen: 47.118 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion:	146	Resp:	403209
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.1	75.1
75	41.6	37.2	55.8





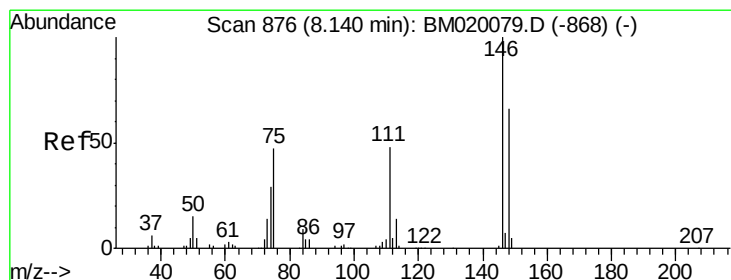
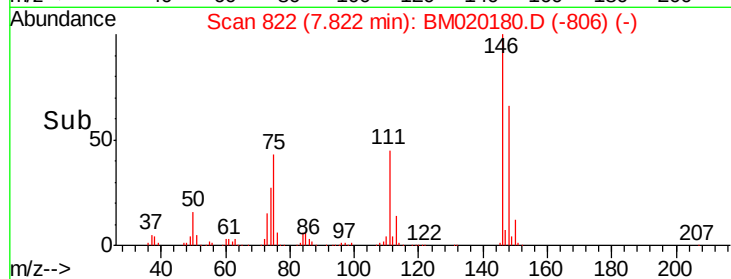
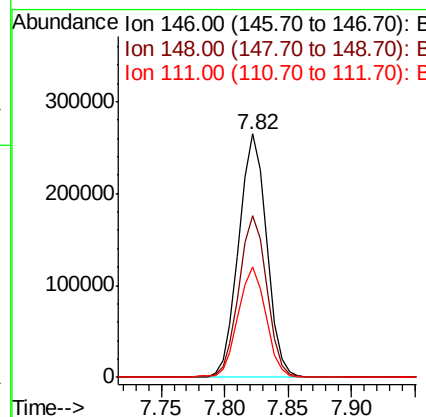
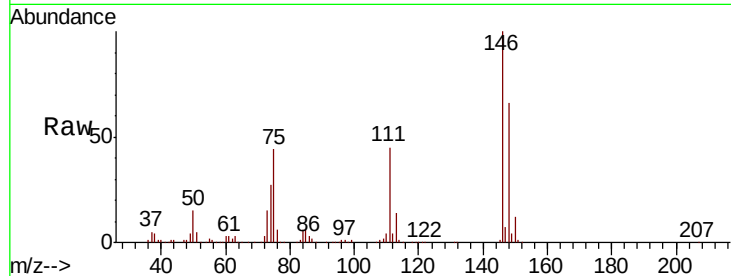
#13
 1,4-Dichlorobenzene
 Concen: 46.681 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	48.5	72.7
111	45.4	35.7	53.5

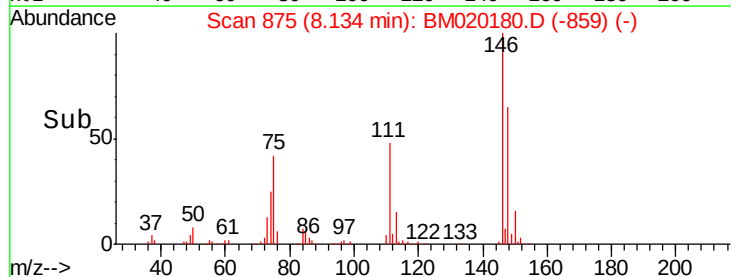
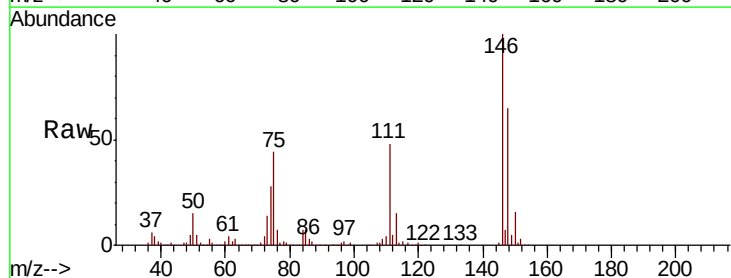
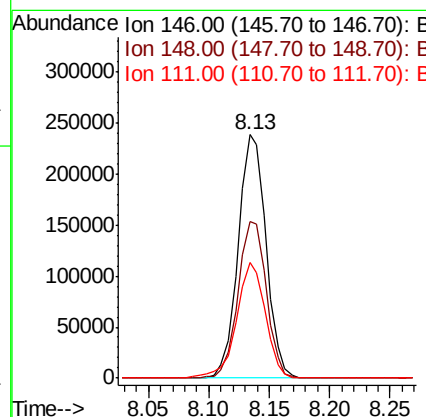
Manual Integrations
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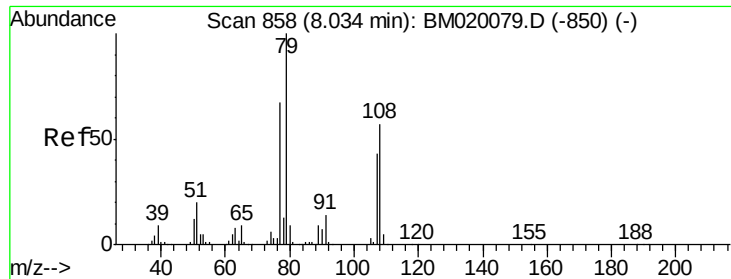
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 46.656 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	79.0
111	47.6	39.0	58.4





#15

Benzyl Alcohol

Concen: 45.365 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

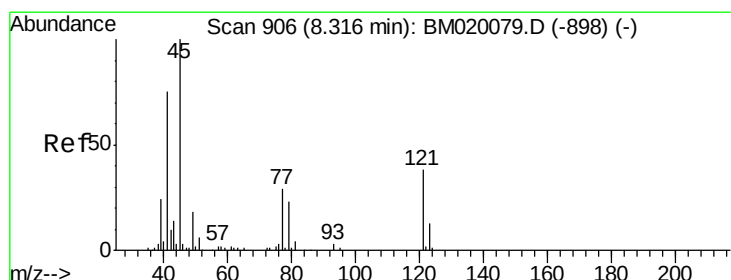
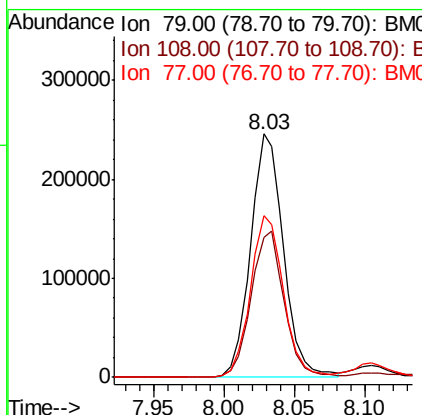
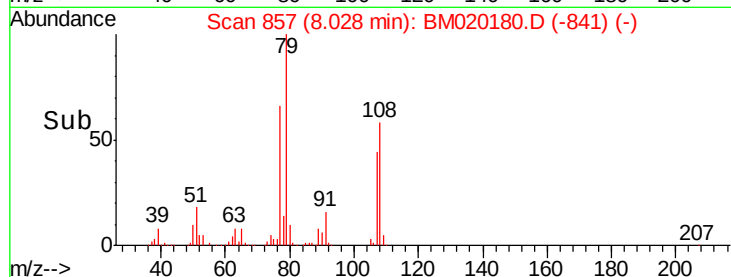
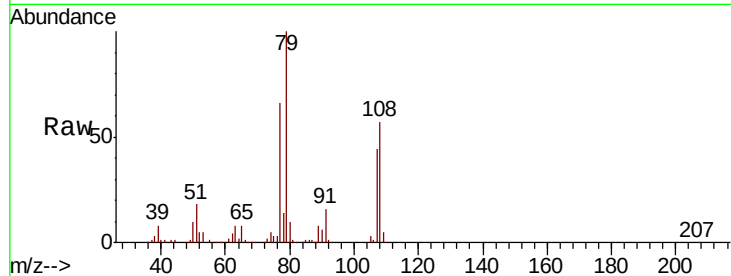
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:	79	Resp:	403665
Ion Ratio	Lower	Upper	
79	100		
108	57.5	46.0	69.0
77	66.4	53.8	80.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.095 ng

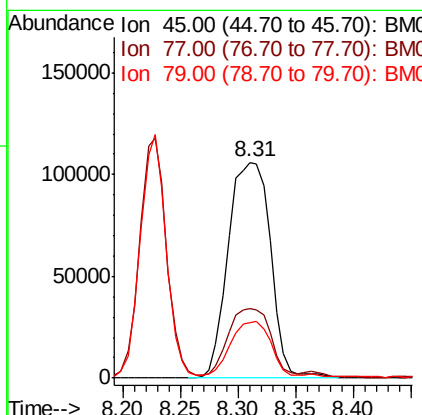
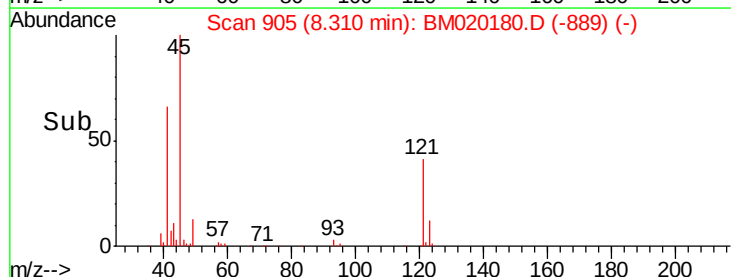
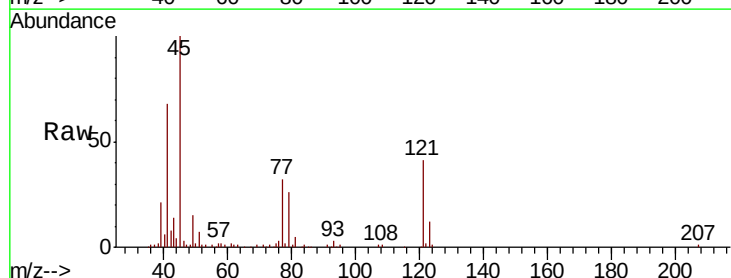
RT: 8.31 min Scan# 905

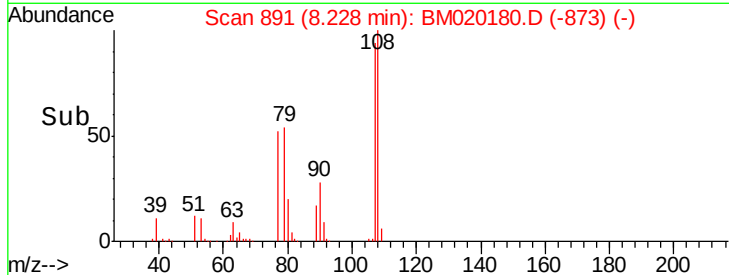
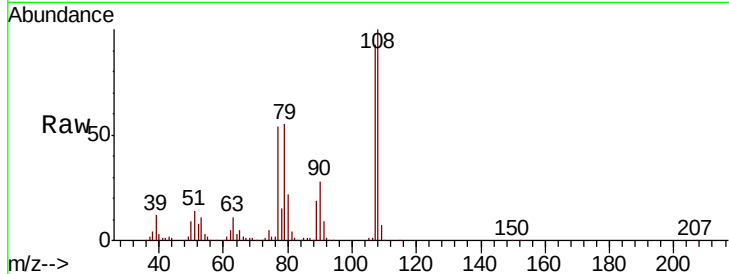
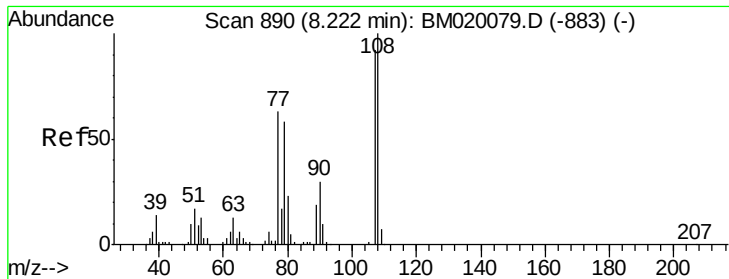
Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion:	45	Resp:	269989
Ion Ratio	Lower	Upper	
45	100		
77	32.4	10.5	50.5
79	26.0	3.3	43.3





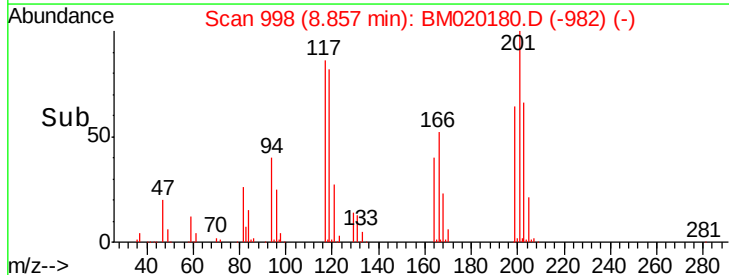
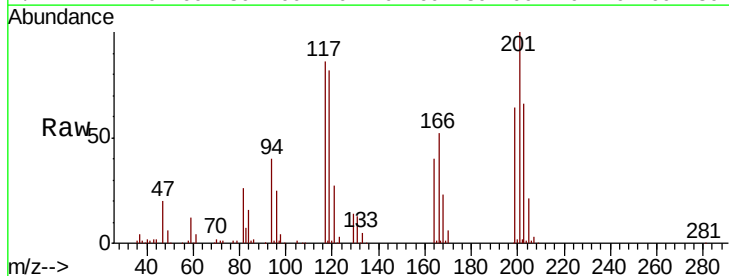
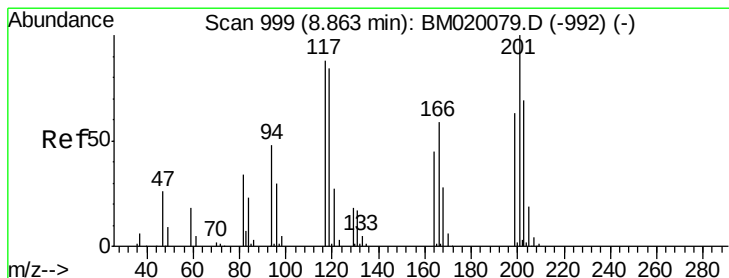
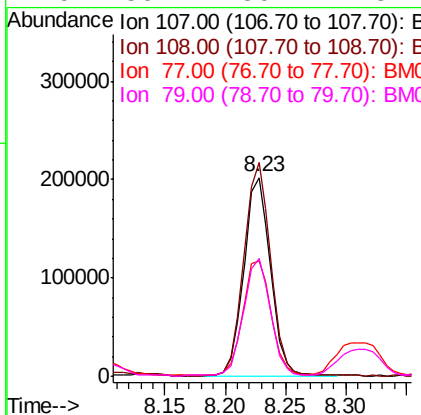
#17
2-Methylphenol
Concen: 49.132 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tot Ion	107	Resp	314198
Ion Ratio	Lower	Upper	
107	100		
108	107.5	87.0	130.4
77	58.2	54.7	82.1
79	59.2	50.1	75.1

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

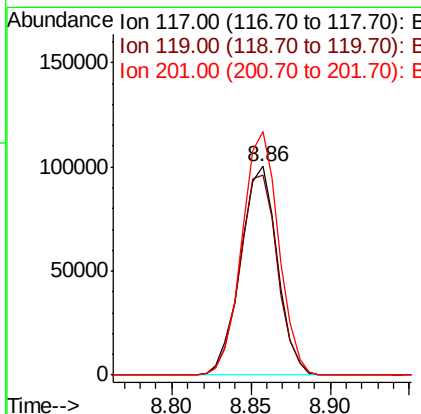
Manual Integrations
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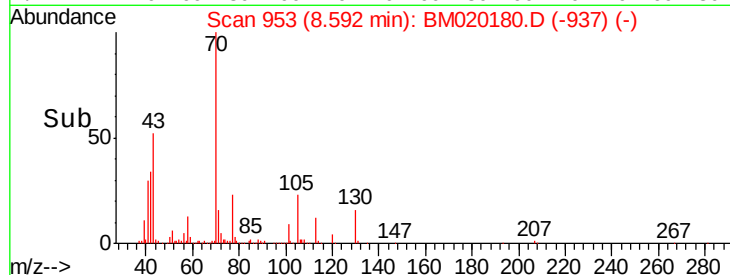
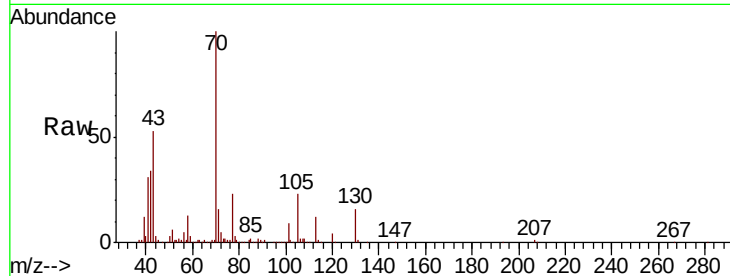
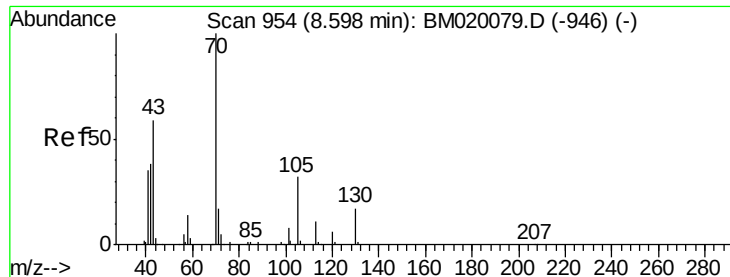
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#18
Hexachloroethane
Concen: 44.910 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	117	Resp	161876
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.6	114.8
201	116.7	90.7	136.1





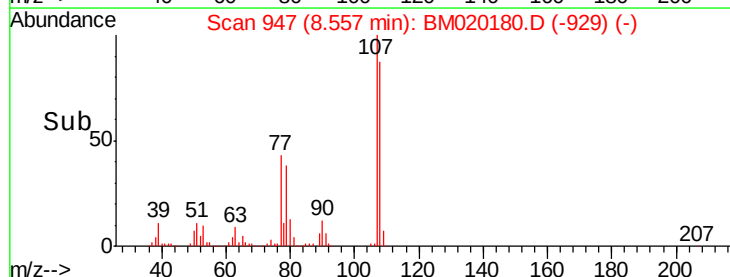
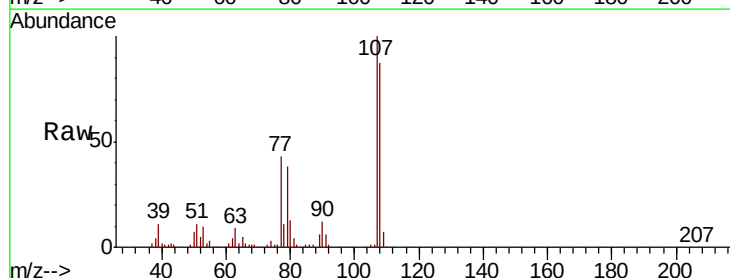
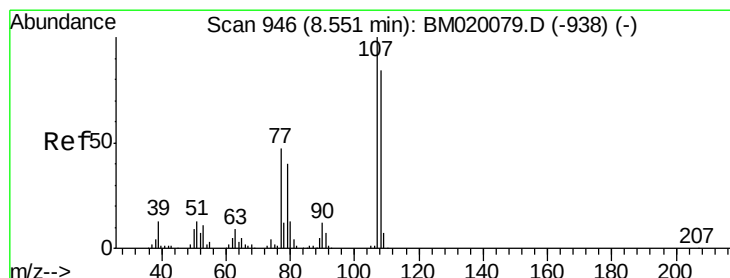
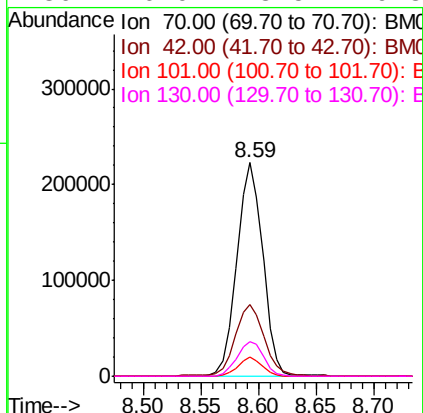
#19
n-Nitroso-di-n-propylamine
Concen: 44.022 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.9	31.0	46.4
101	8.9	6.2	9.2
130	16.0	13.5	20.3

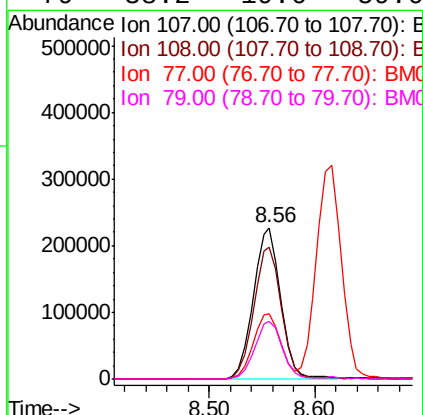
Manual Integrations
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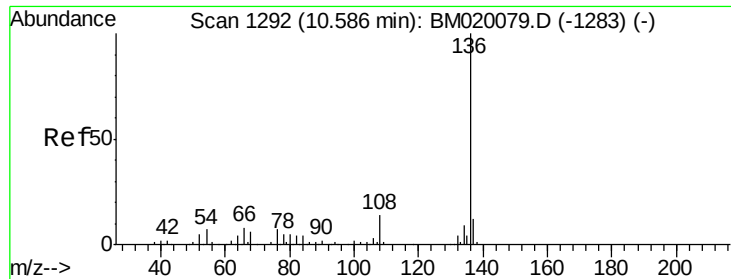
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#20
3+4-Methylphenols
Concen: 48.286 ng
RT: 8.56 min Scan# 947
Delta R.T. 0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	64.4	104.4
77	43.4	27.2	67.2
79	38.2	19.6	59.6





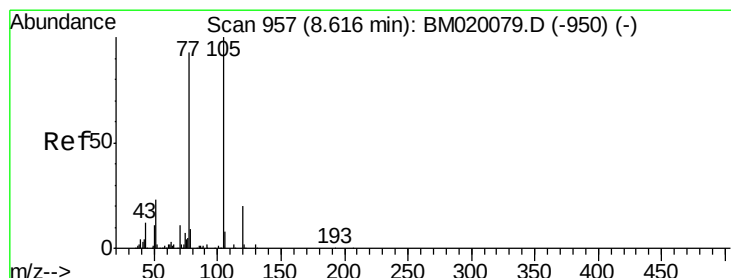
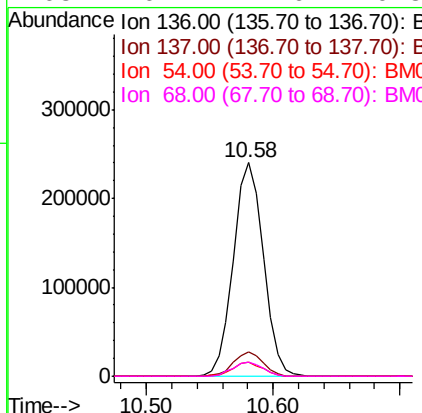
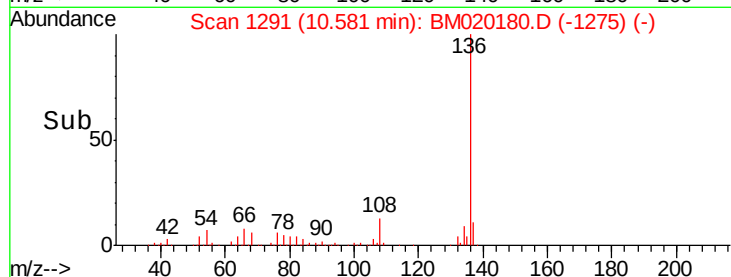
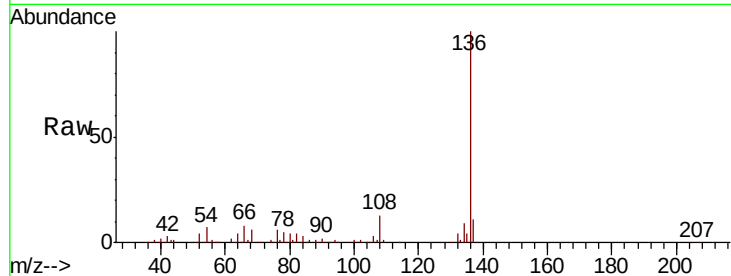
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	394773		
137	11.4		9.6	14.4
54	6.9		5.5	8.3
68	6.4		4.6	6.8

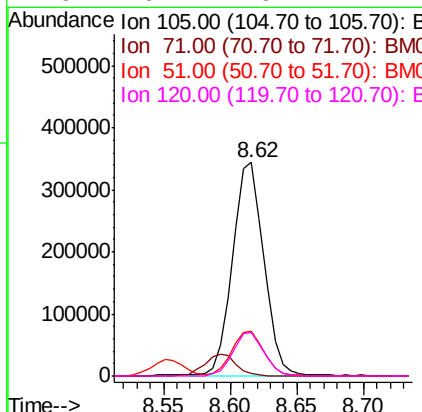
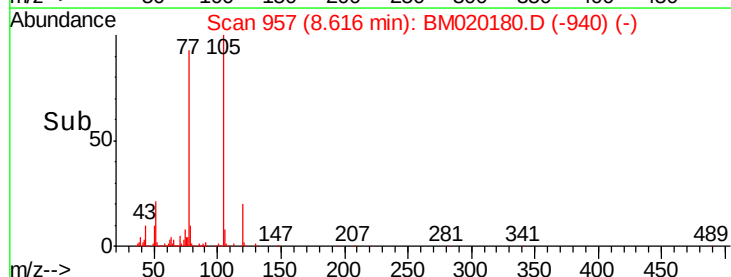
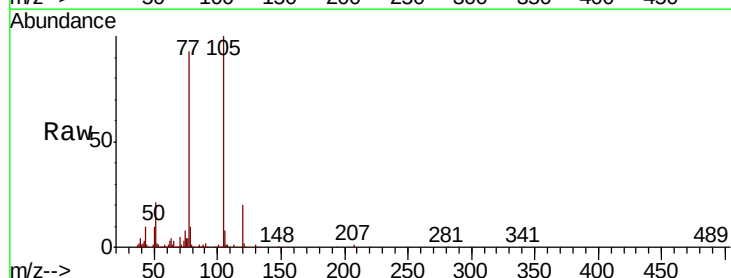
Manual Integrations
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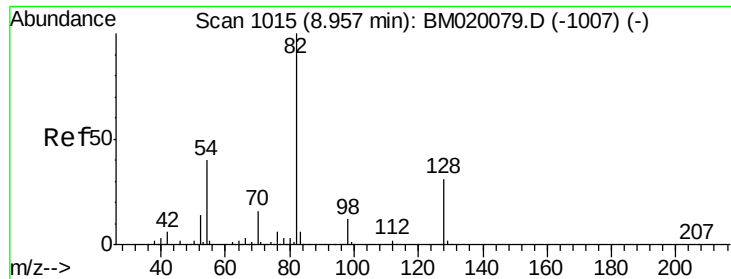
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#22
Acetophenone
Concen: 51.690 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	557699		
71	1.0		2.2	3.2#
51	20.8		19.3	28.9
120	20.4		16.2	24.4





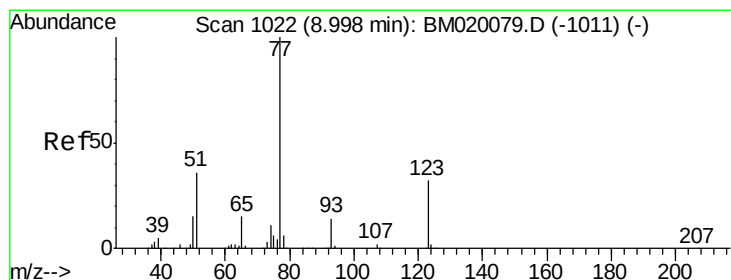
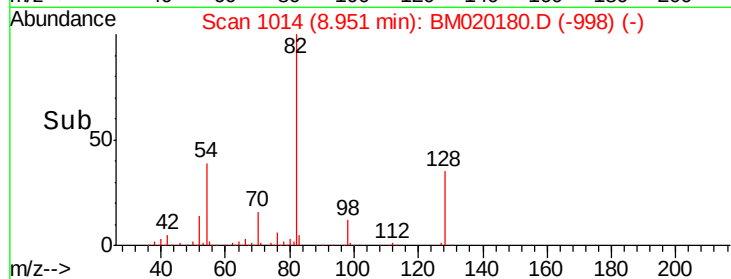
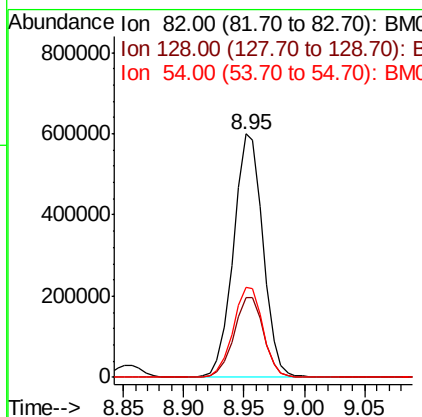
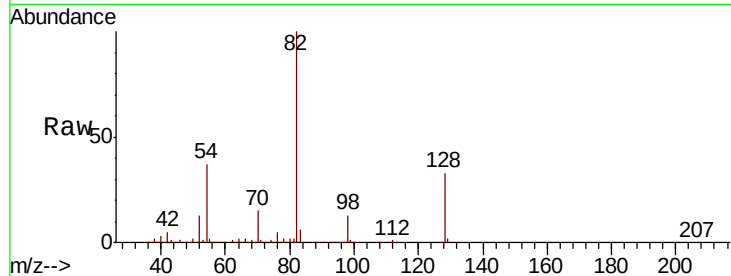
#23
Nitrobenzene-d5
Concen: 102.472 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.2	37.8
54	37.1	31.9	47.9

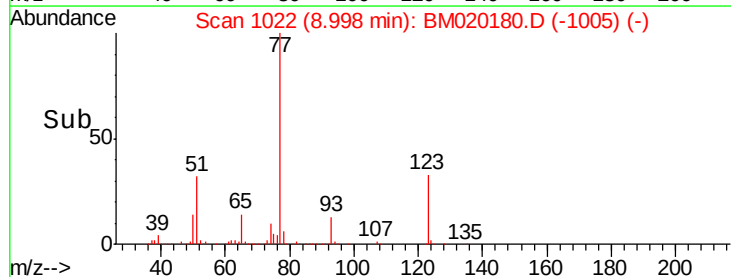
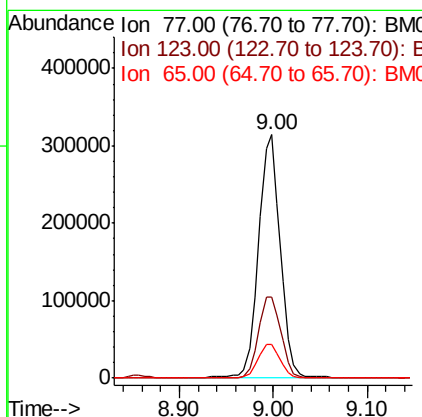
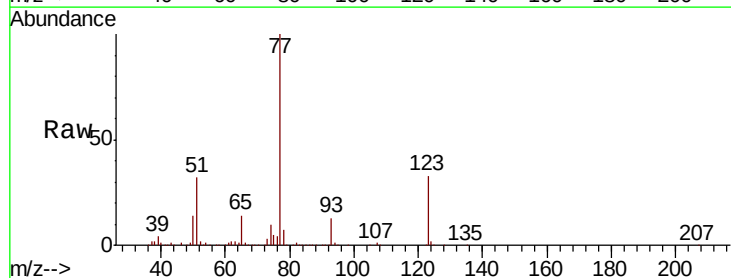
Manual Integrations
APPROVED

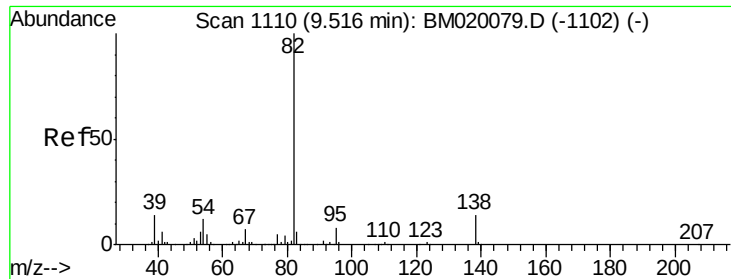
Sohil
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#24
Nitrobenzene
Concen: 48.130 ng
RT: 9.00 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.0	25.5	38.3
65	13.6	11.8	17.6





#25

Isophorone

Concen: 50.168 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

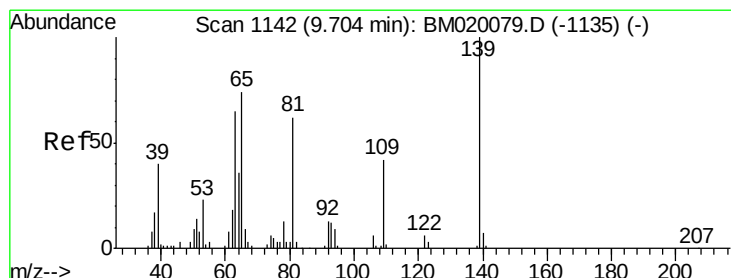
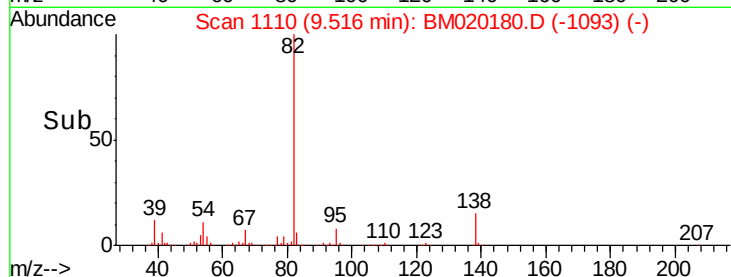
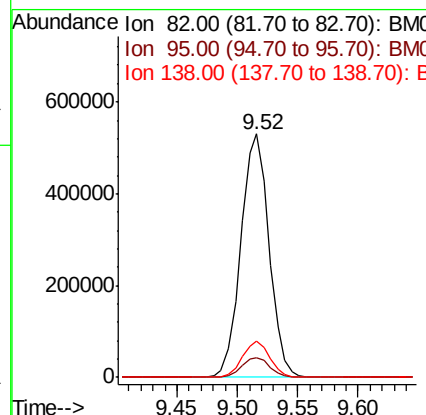
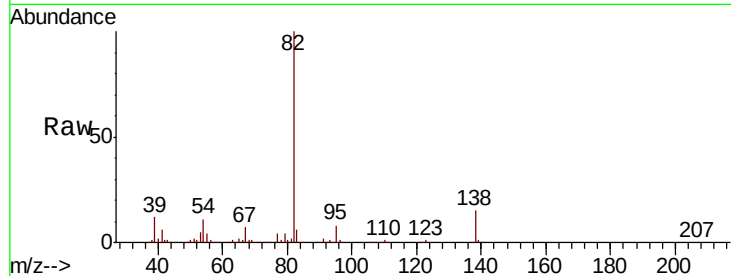
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion	82	Resp	865073
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	14.7	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 62.089 ng

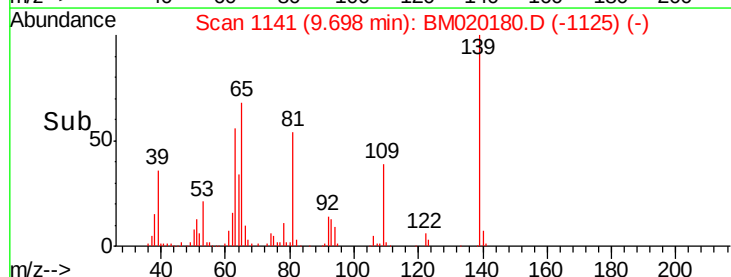
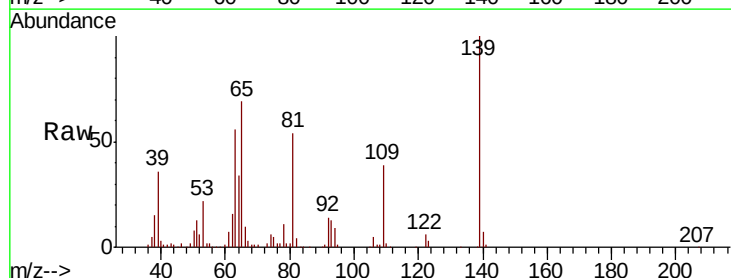
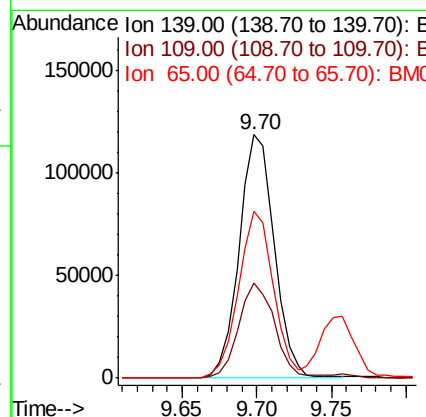
RT: 9.70 min Scan# 1141

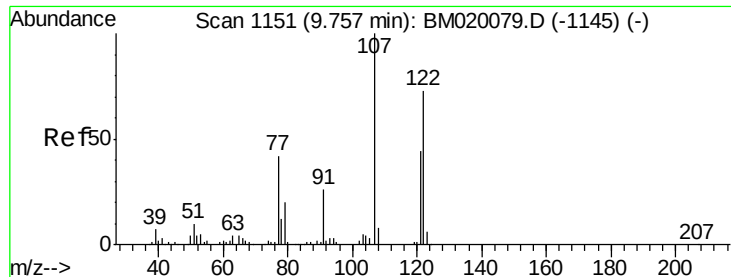
Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion	139	Resp	194337
Ion Ratio	Lower	Upper	
139	100		
109	38.9	33.7	50.5
65	68.6	59.5	89.3





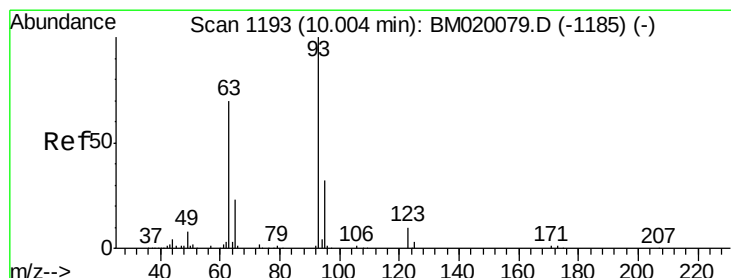
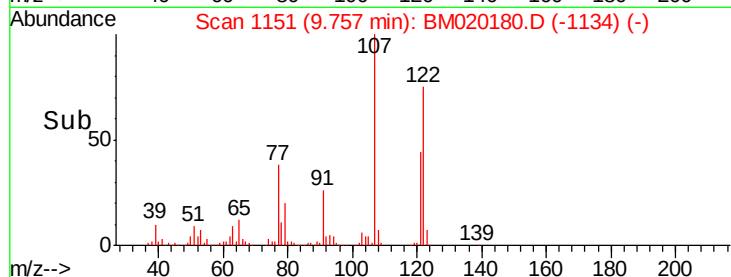
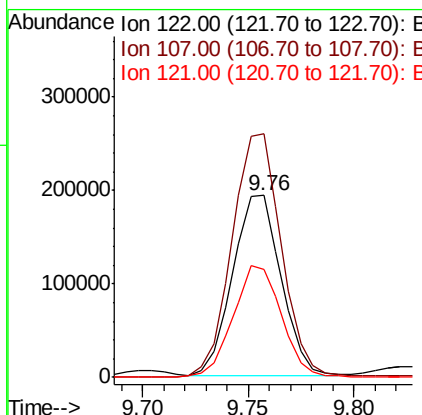
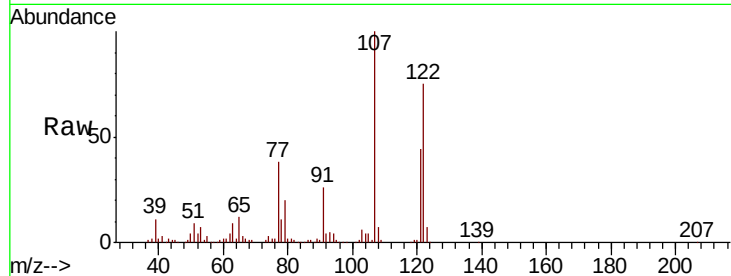
#27
 2,4-Dimethylphenol
 Concen: 58.521 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.9	108.6	162.8
121	59.5	47.4	71.2

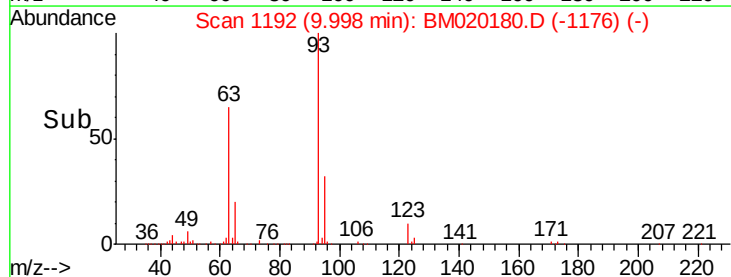
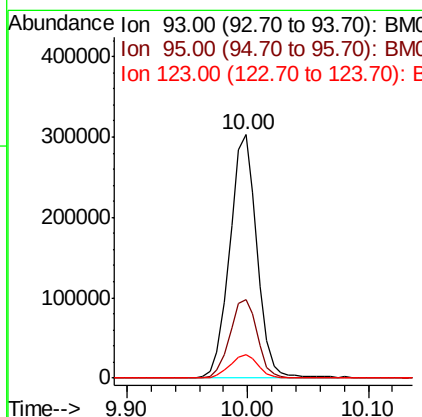
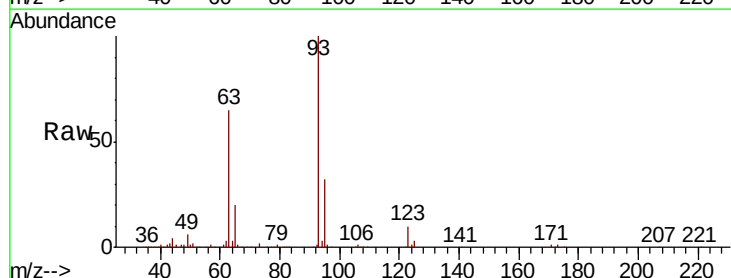
Manual Integrations
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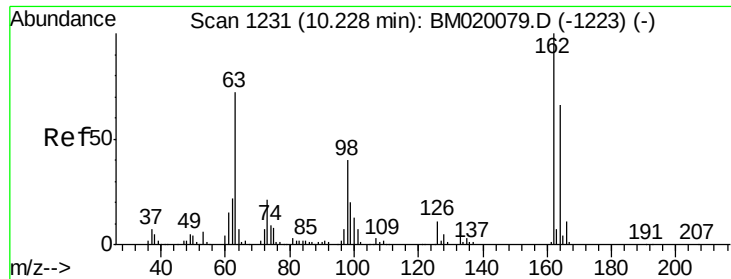
Sohil
 5/9/2019 6:44:29 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.480 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	9.7	7.6	11.4





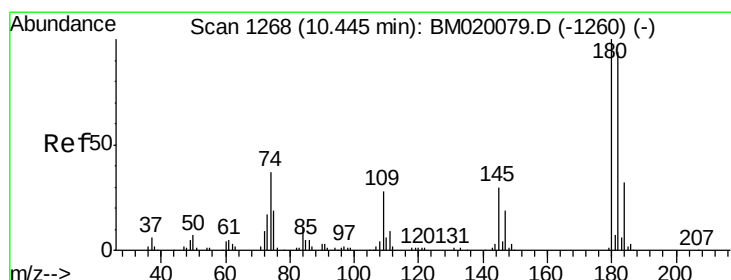
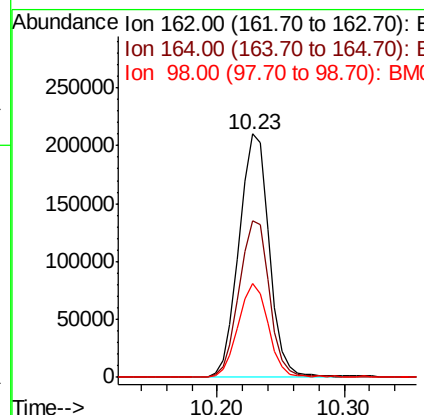
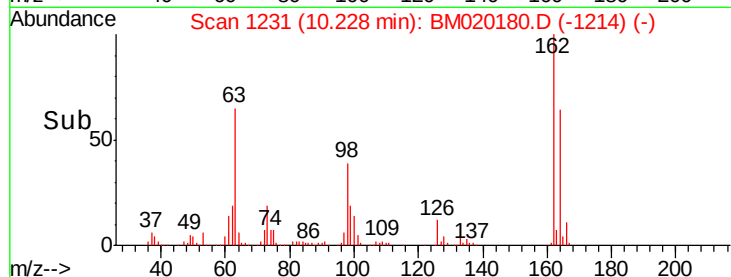
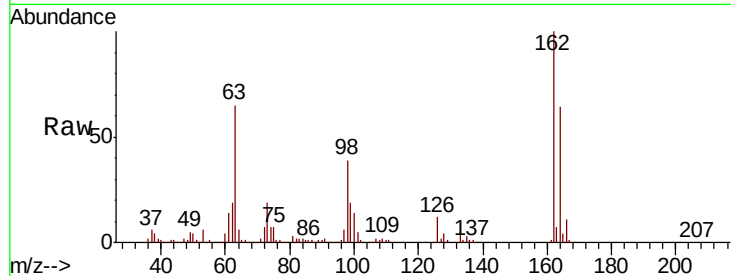
#29
2,4-Dichlorophenol
Concen: 52.827 ng
RT: 10.23 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	347119		
164	64.2	45.6	85.6	
98	38.5	20.4	60.4	

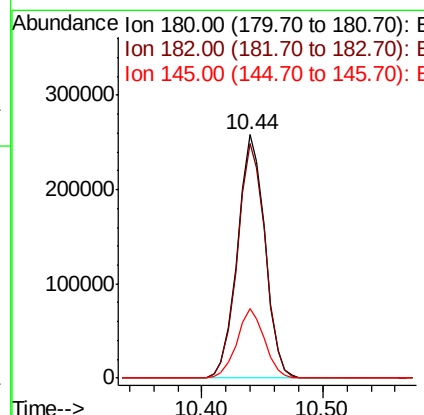
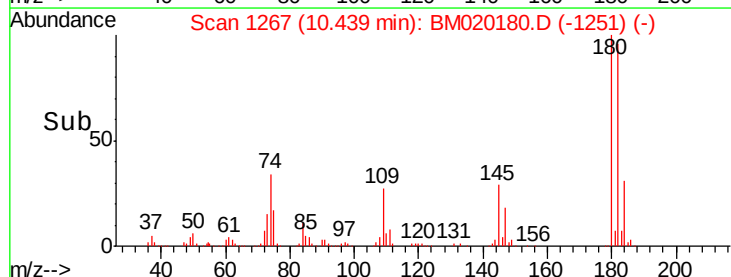
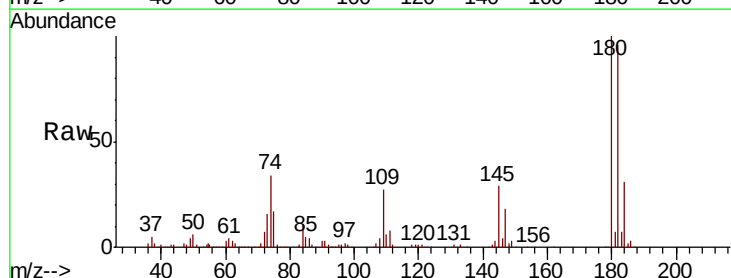
Manual Integrations
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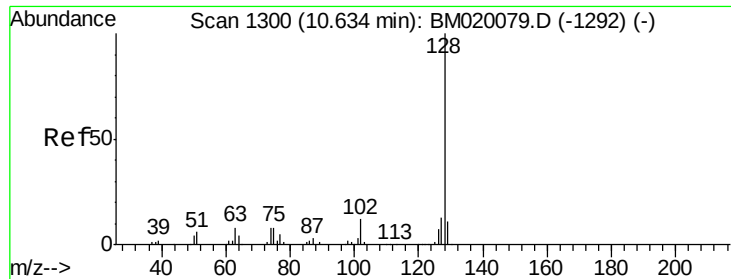
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 50.663 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409614		
182	96.3	75.4	113.0	
145	28.5	23.8	35.8	





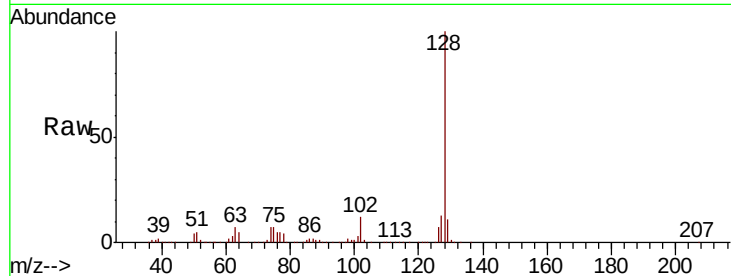
#31
Naphthalene
Concen: 50.115 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.4
127	12.8	10.4	15.6

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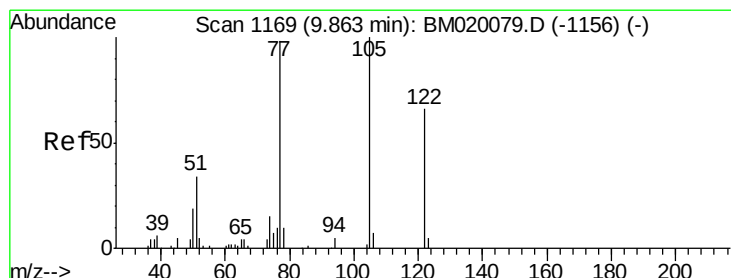
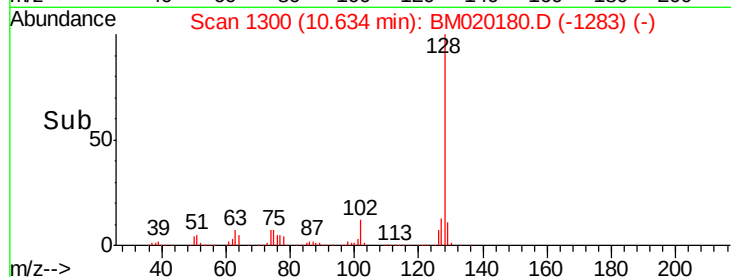
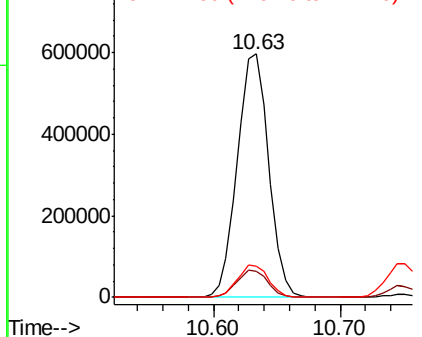


Abundance

Ion 128.00 (127.70 to 128.70): E

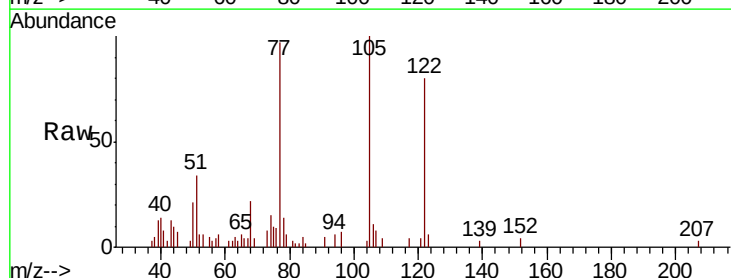
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 11.917 ng
RT: 9.82 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	122.5	162.5
77	122.4	123.3	163.3

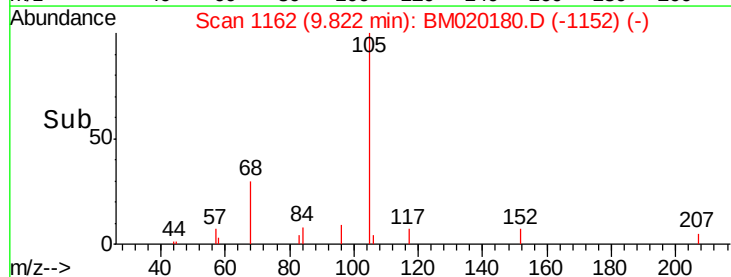
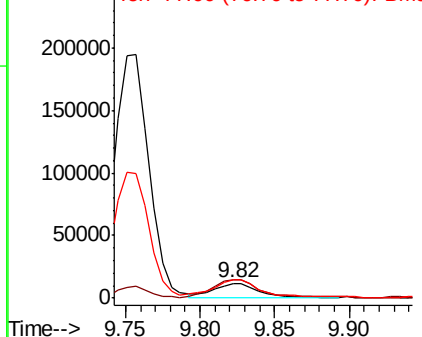


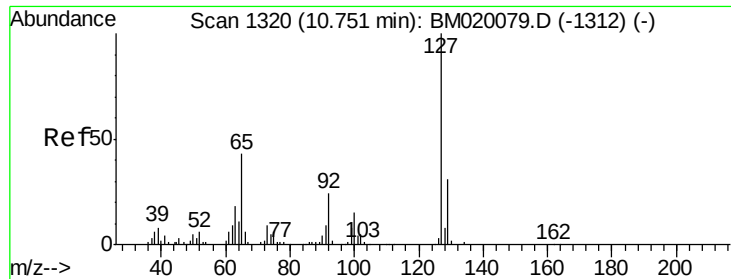
Abundance

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





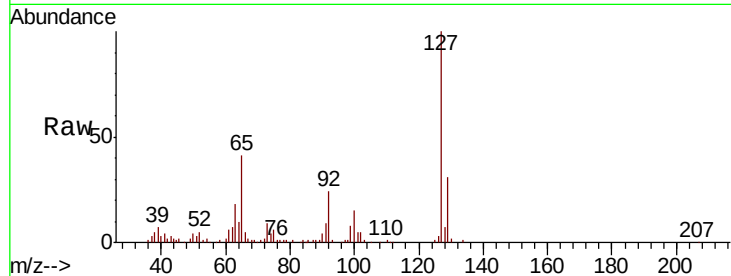
#33
4-Chloroaniline
Concen: 18.312 ng
RT: 10.75 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	24.7	37.1		
65	40.6	34.6	52.0		
92	23.9	19.5	29.3		

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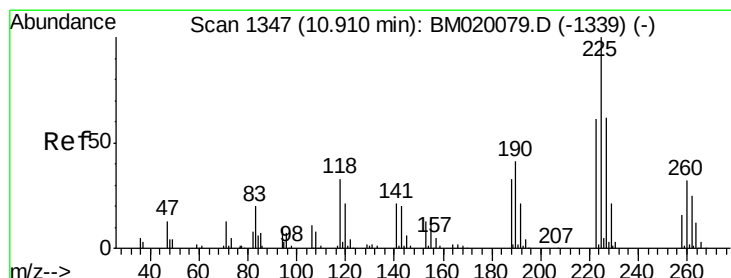
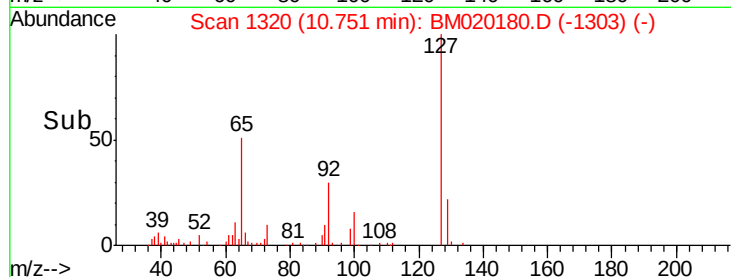
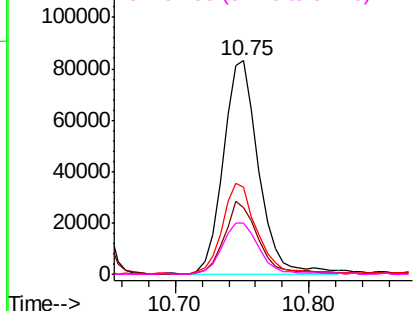
Abundance

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: 47.880 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

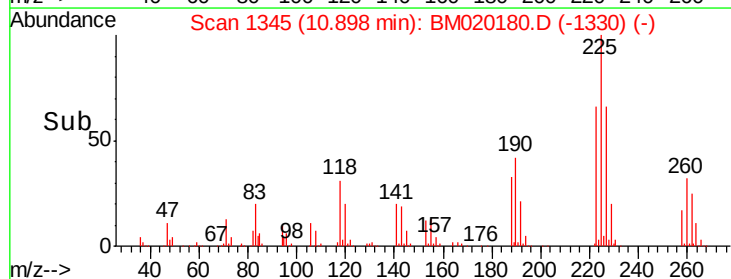
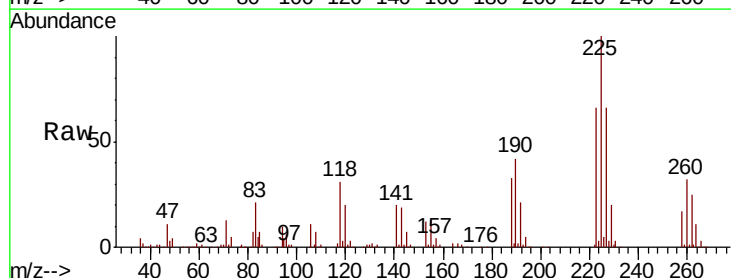
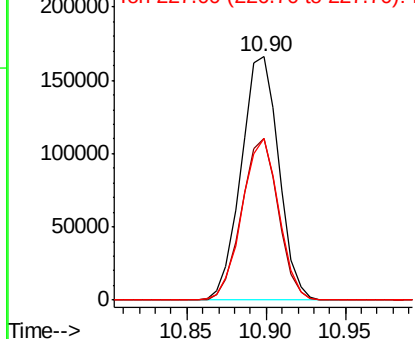
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.2	48.9	73.3		
227	66.4	49.6	74.4		

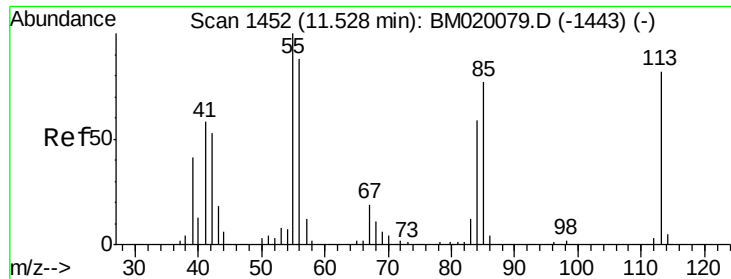
Abundance

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





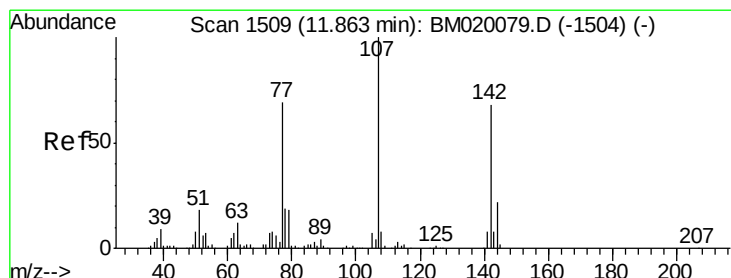
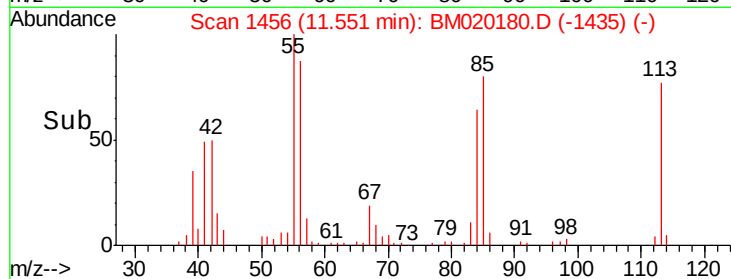
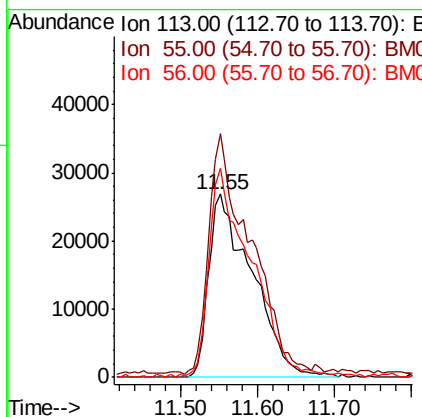
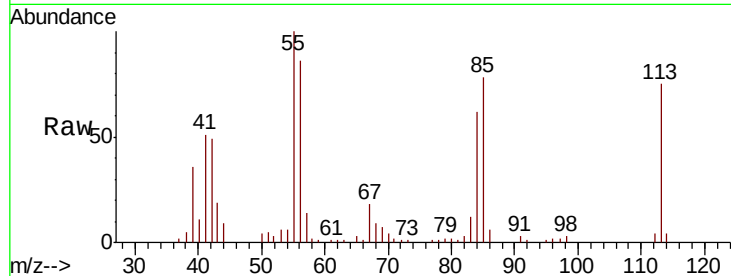
#35
 Caprolactam
 Concen: 53.649 ng/ml
 RT: 11.55 min Scan# 1456
 Delta R.T. 0.02 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.9	102.5	142.5
56	114.3	87.7	127.7

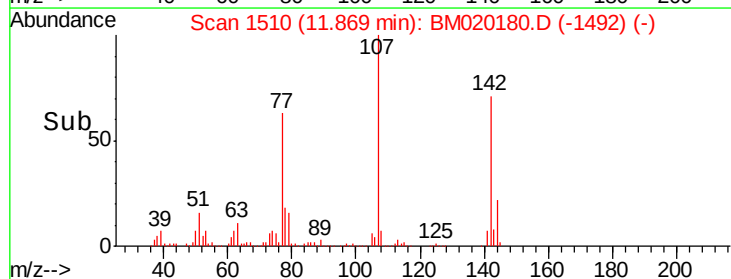
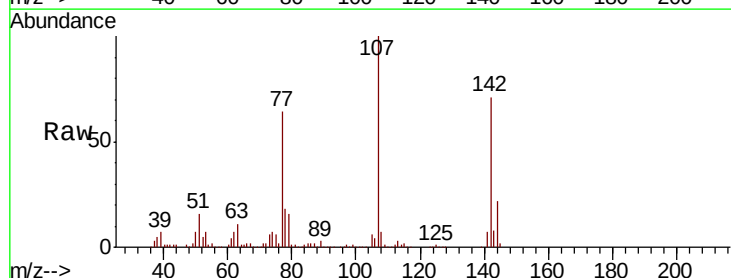
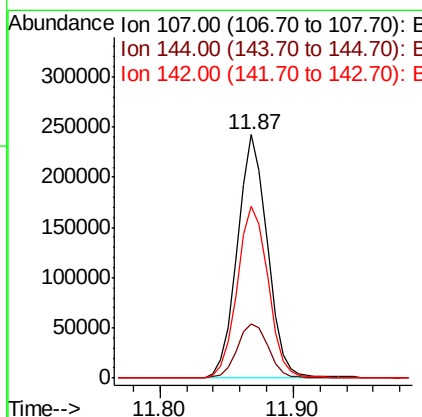
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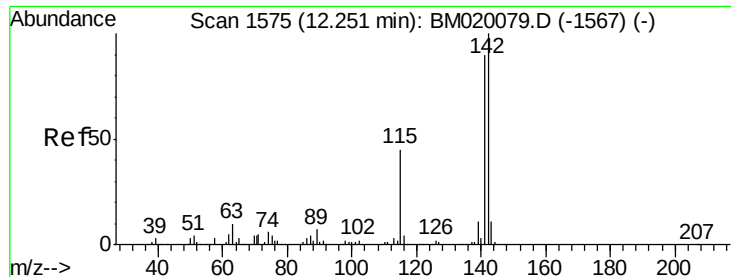
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#36
 4-Chloro-3-methylphenol
 Concen: 49.012 ng/ml
 RT: 11.87 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	17.6	26.4
142	70.5	54.6	82.0





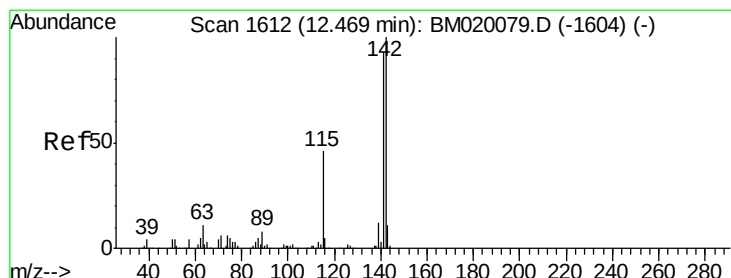
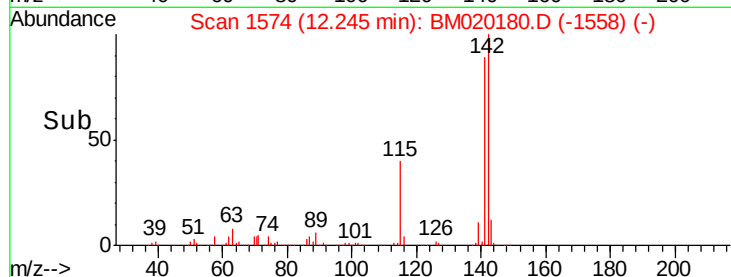
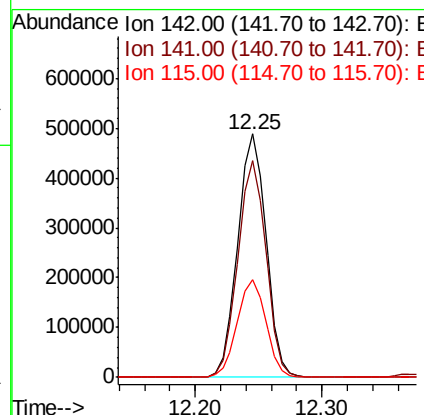
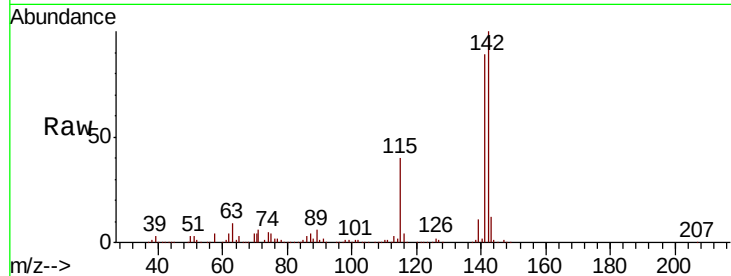
#37
2-Methylnaphthalene
Concen: 50.737 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.6	107.4
115	40.2	35.8	53.6

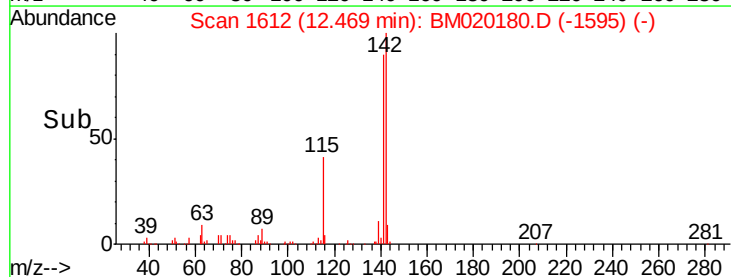
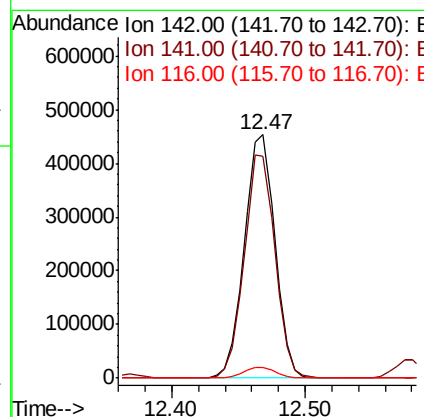
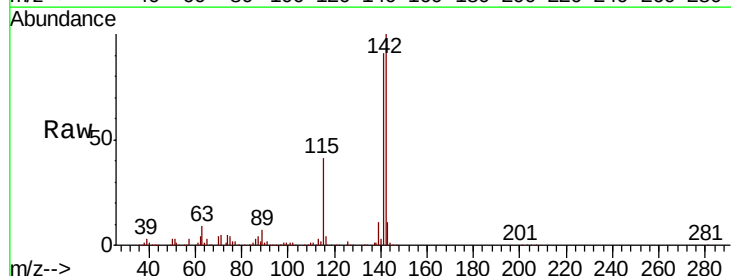
Manual Integrations
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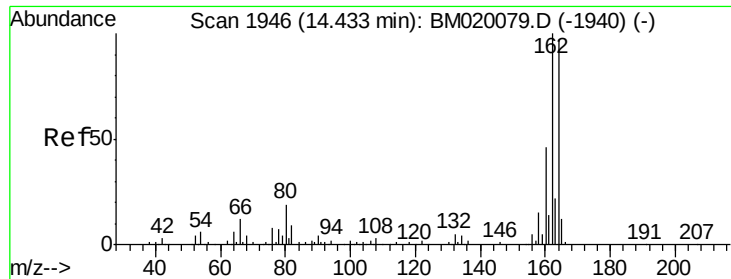
Sohil
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#38
1-Methylnaphthalene
Concen: 49.187 ng
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.8	112.2
116	4.2	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

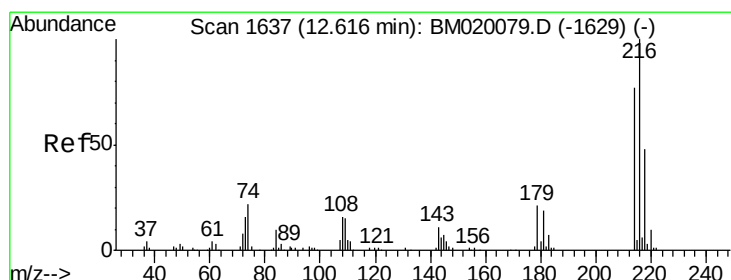
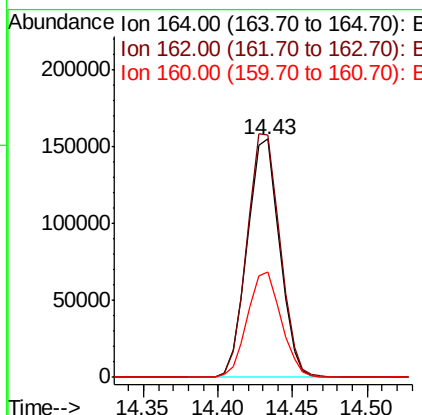
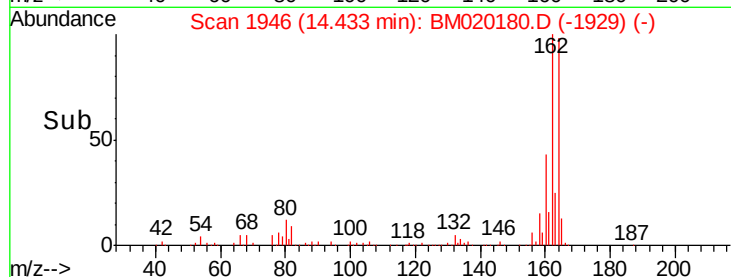
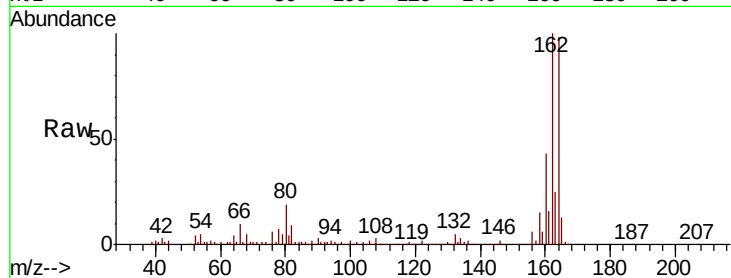
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:	164	Resp:	231319
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.2	123.2
160	44.0	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.929 ng

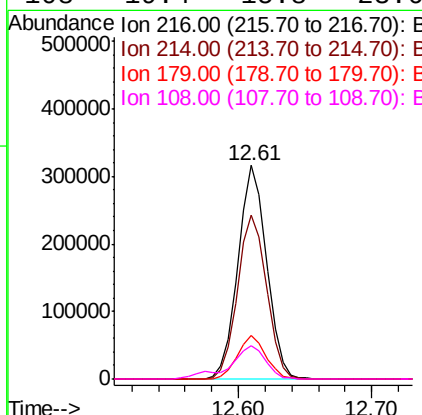
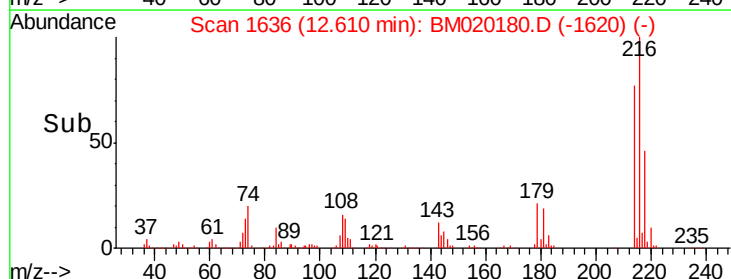
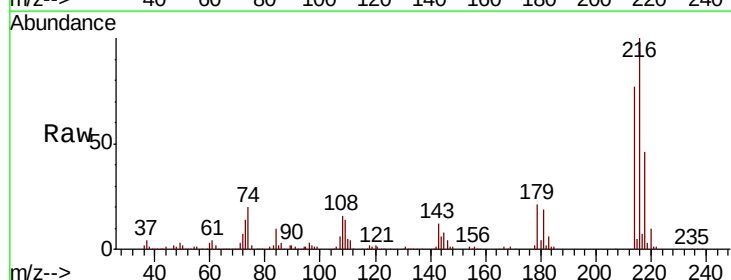
RT: 12.61 min Scan# 1636

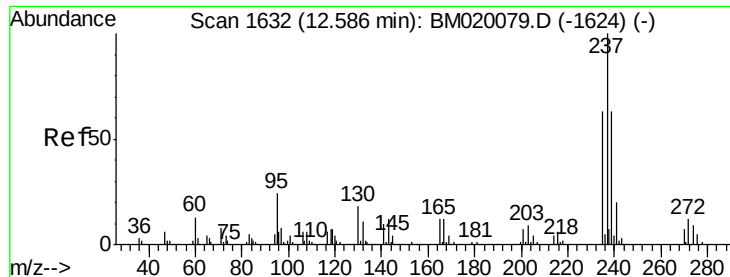
Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion:	216	Resp:	469961
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.6	94.0
179	20.2	17.1	25.7
108	19.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 88.218 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

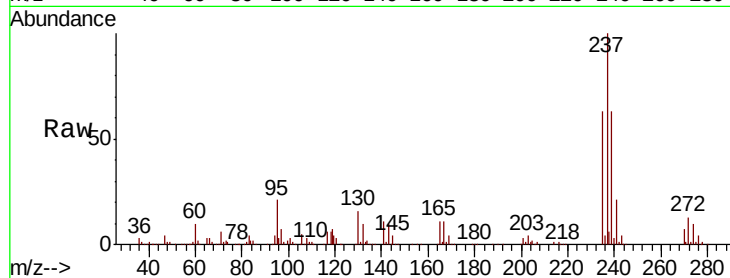
ClientSampleId :

SB-2(33.5-35.5)MSD

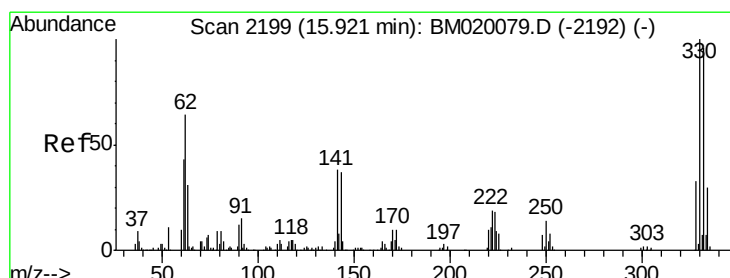
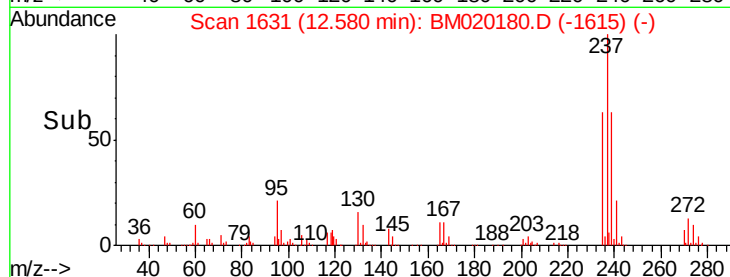
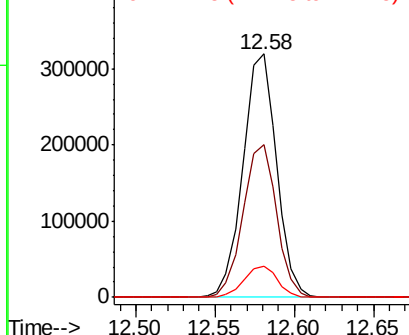
Tot Ion:	237	Resp:	470087
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.4	83.4
272	12.9	0.0	31.7

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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: 173.838 ng

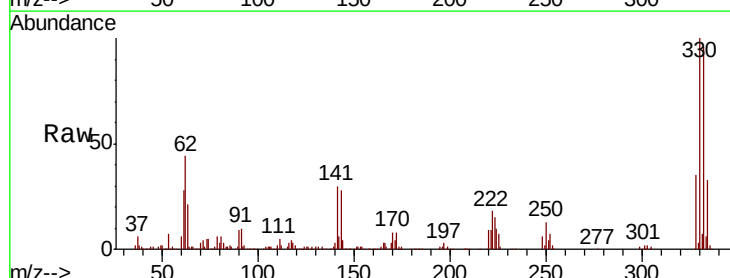
RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

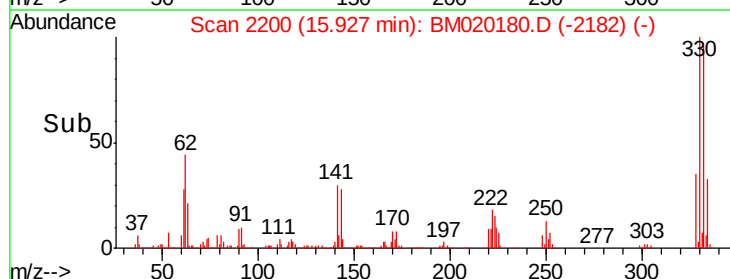
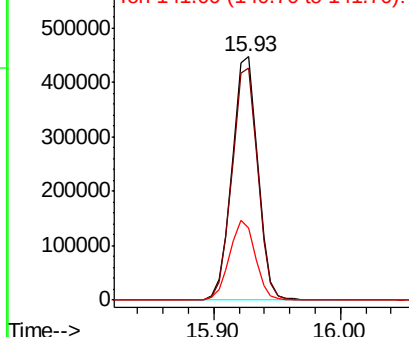
Lab File: BM020180.D

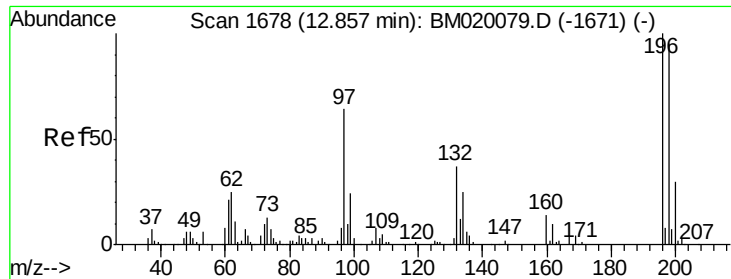
Acq: 08 May 2019 00:21

Tgt Ion:	330	Resp:	624165
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.8	115.2
141	32.7	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





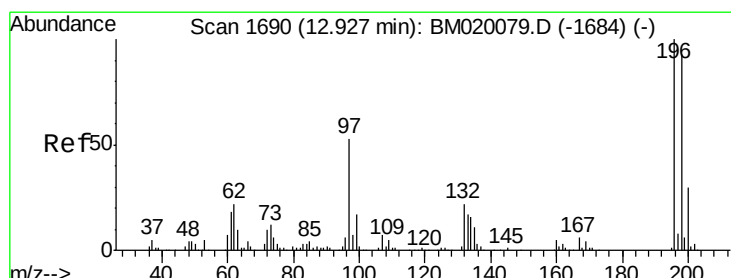
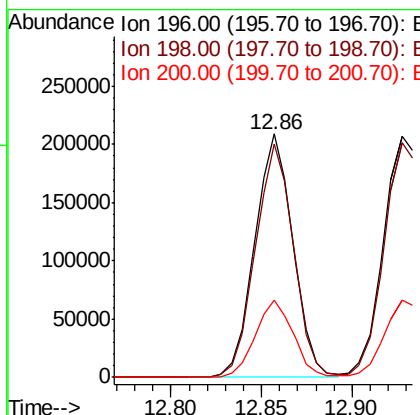
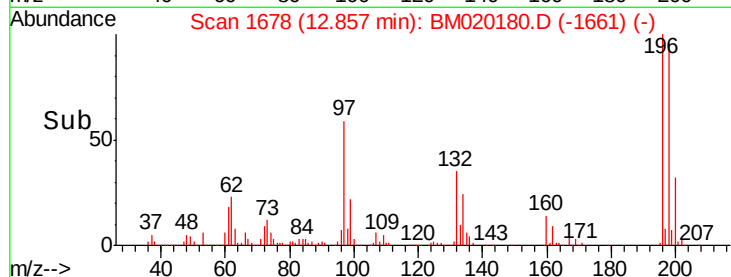
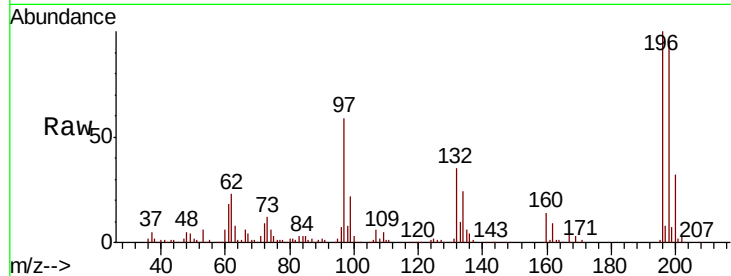
#43
 2,4,6-Trichlorophenol
 Concen: 59.376 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	305395		
198	96.1	76.2	114.2	
200	31.8	24.3	36.5	

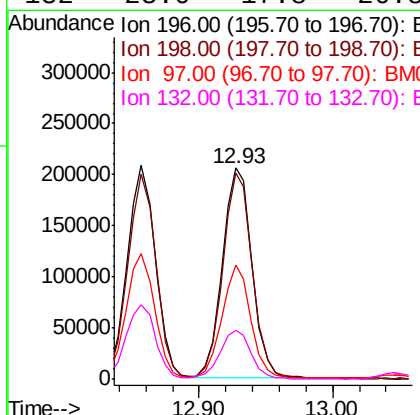
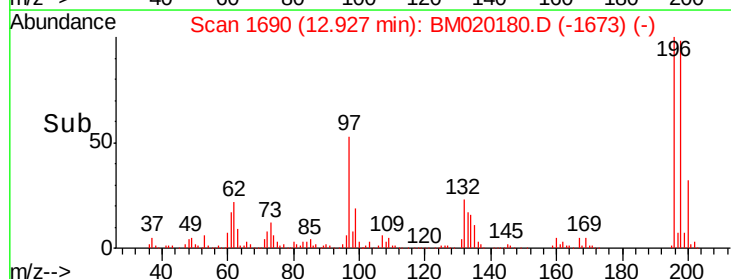
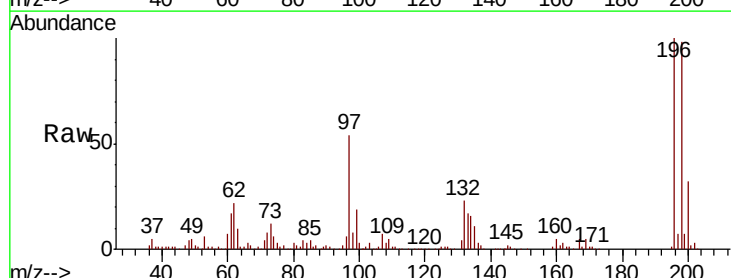
Manual Integrations
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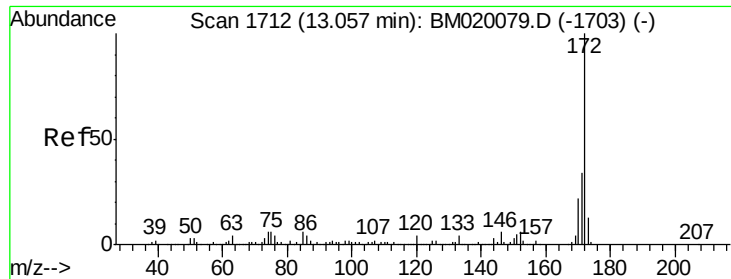
Sohil
 5/9/2019 6:44:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 55.679 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319926		
198	97.6	74.7	112.1	
97	53.9	42.2	63.4	
132	23.0	17.8	26.8	





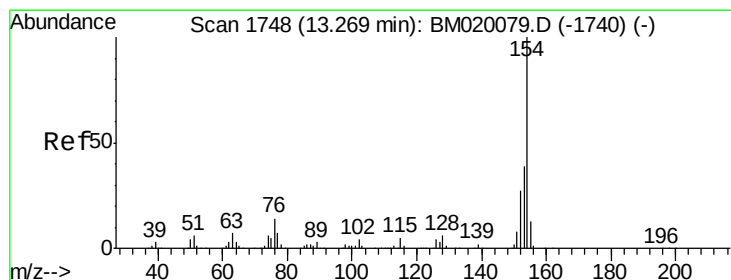
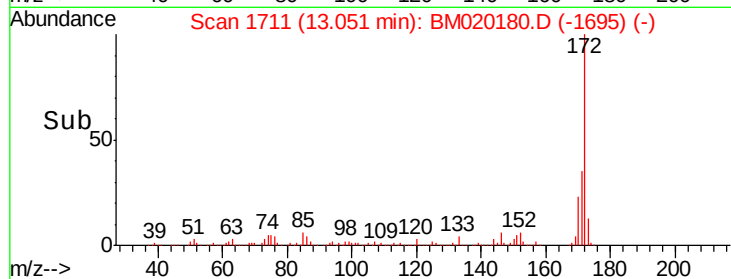
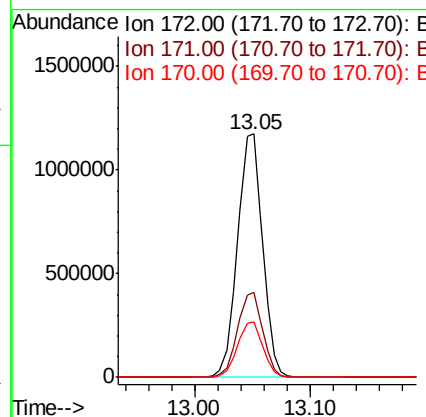
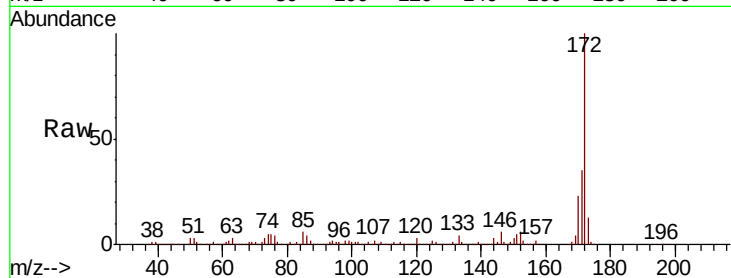
#45
2-Fluorobiphenyl
Concen: 94.002 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	22.9	17.9	26.9

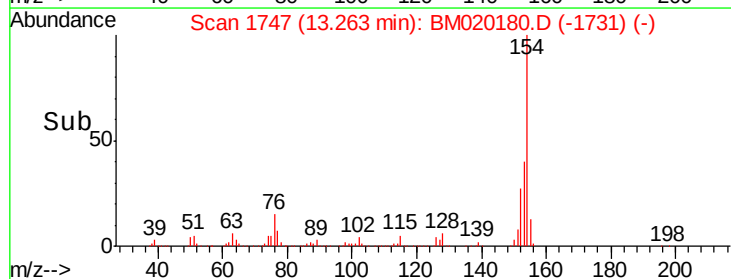
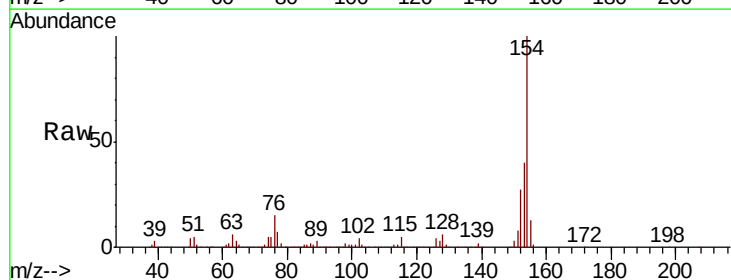
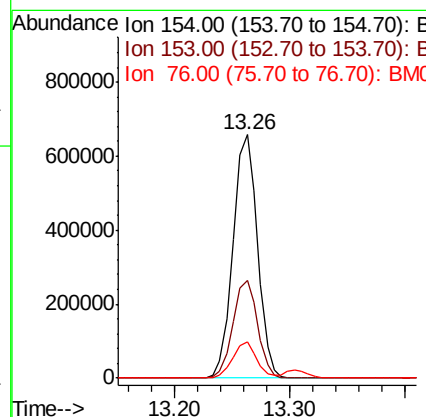
Manual Integrations
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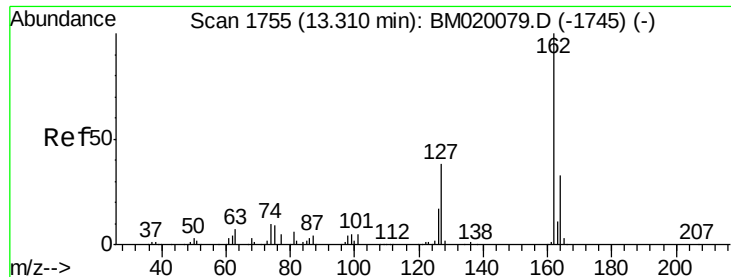
Sohil
5/9/2019 6:44:29 PM



#46
1,1'-Biphenyl
Concen: 50.639 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.4	59.4
76	14.7	0.0	34.5





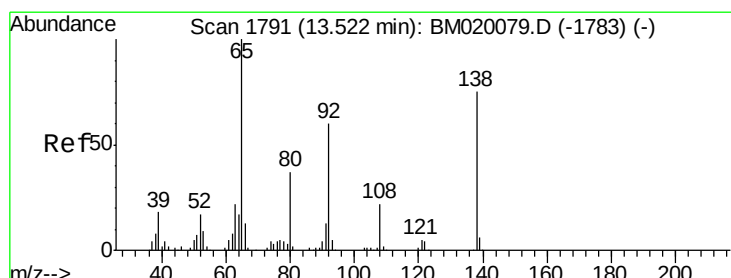
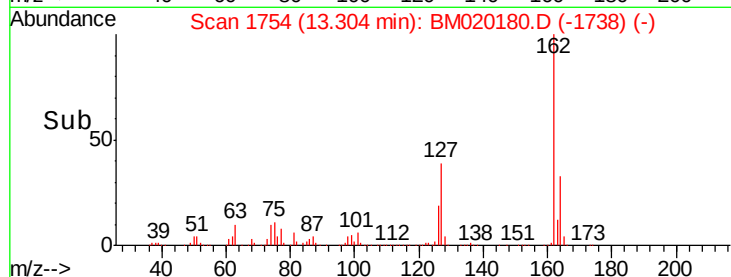
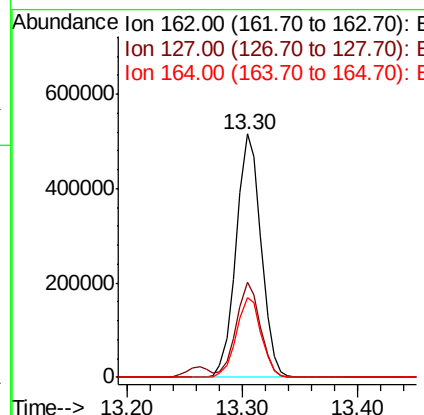
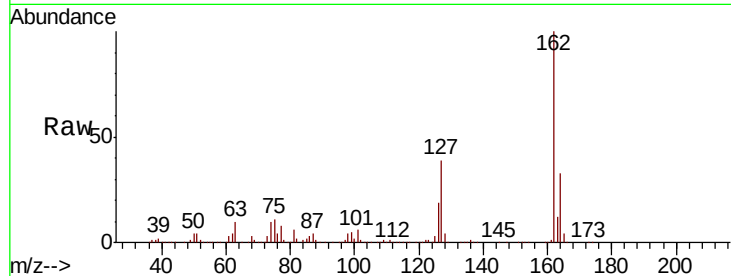
#47
 2-Chloronaphthalene
 Concen: 50.781 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.4
164	32.8	26.2	39.2

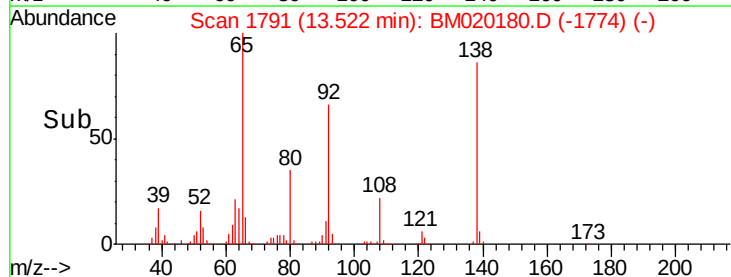
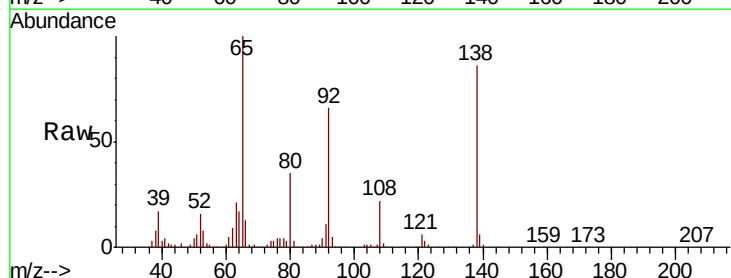
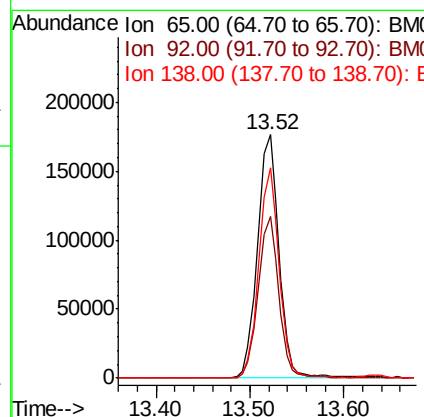
Manual Integrations
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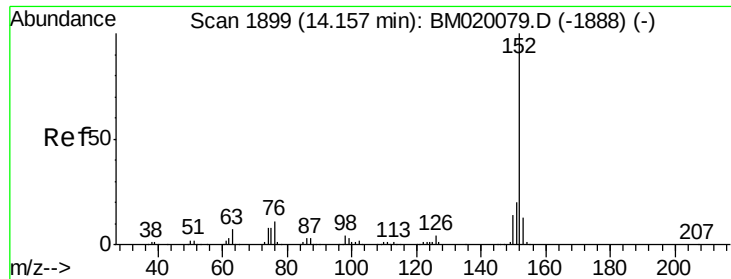
Sohil
 5/9/2019 6:44:29 PM



#48
 2-Nitroaniline
 Concen: 51.689 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	48.2	72.4
138	86.4	60.3	90.5





#49

Acenaphthylene

Concen: 48.842 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:152 Resp: 1188273

Ion Ratio Lower Upper

152 100

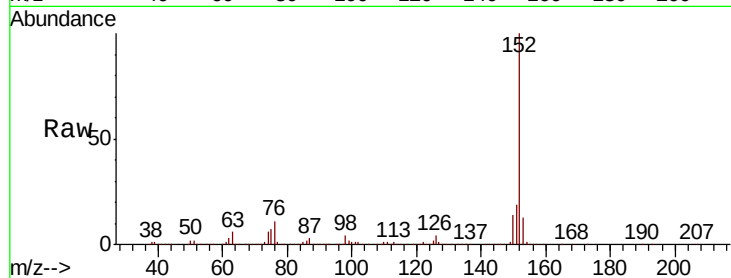
151 19.4 16.2 24.2

153 13.3 10.6 16.0

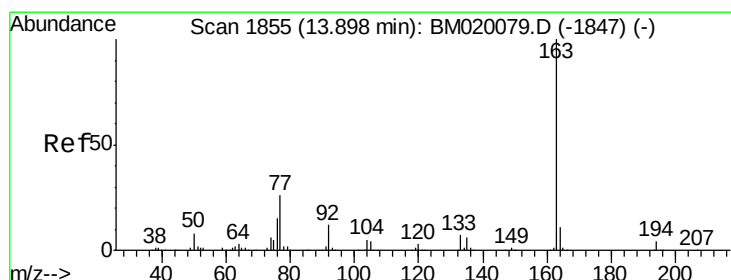
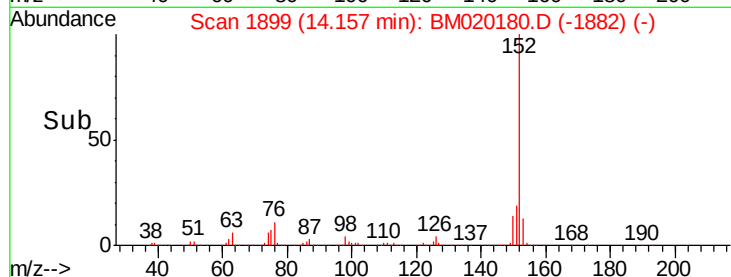
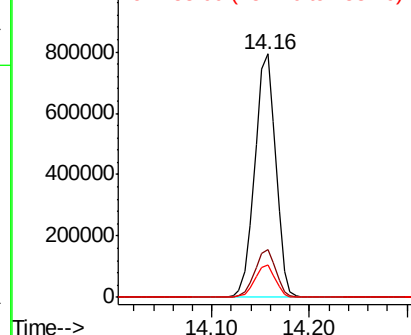
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.359 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

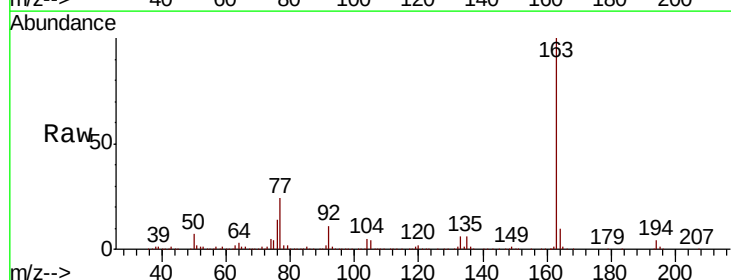
Tgt Ion:163 Resp: 1127696

Ion Ratio Lower Upper

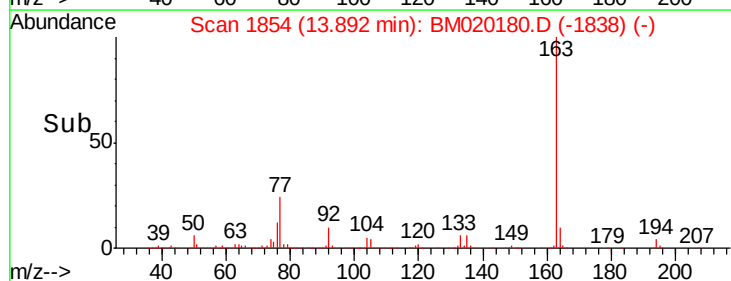
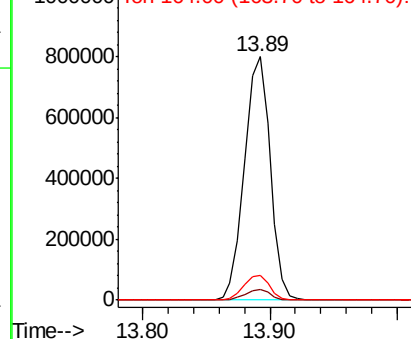
163 100

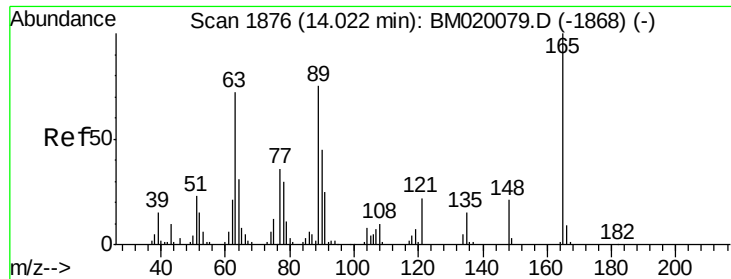
194 4.4 3.6 5.4

164 10.0 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





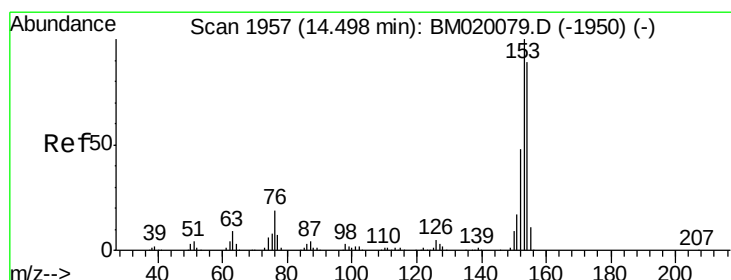
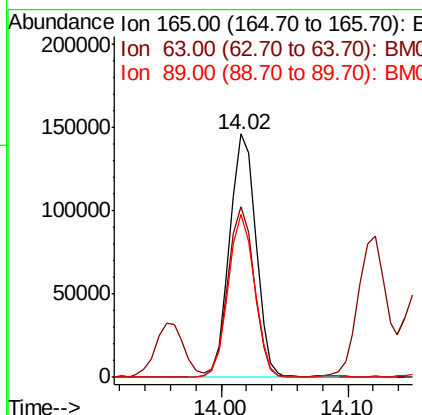
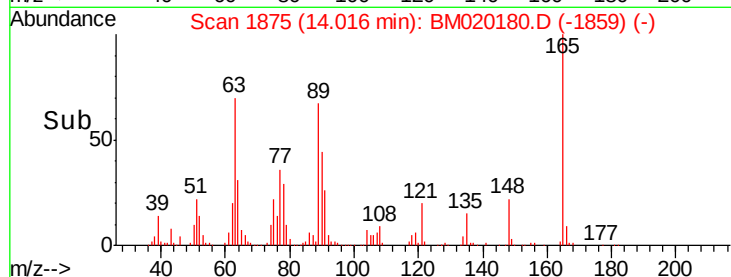
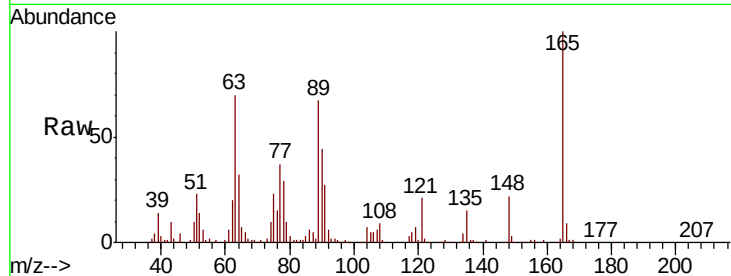
#51
 2,6-Dinitrotoluene
 Concen: 50.685 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209881		
63	70.1	60.3	90.5	
89	67.0	59.8	89.6	

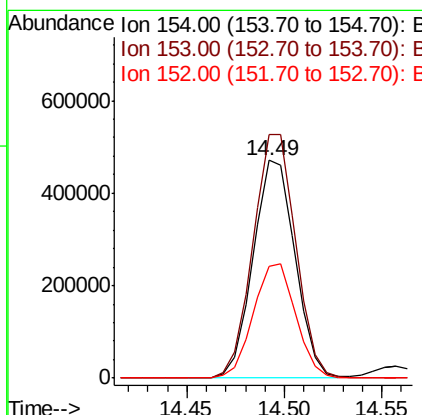
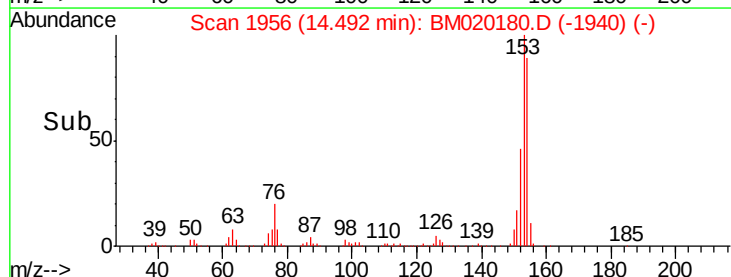
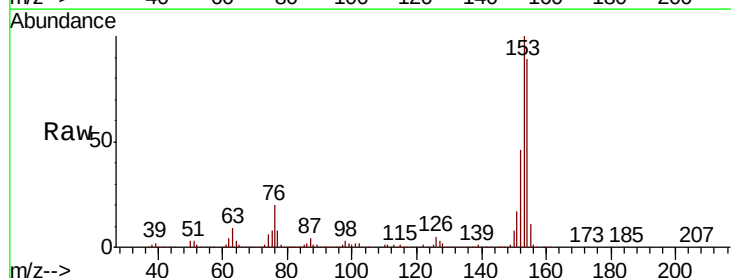
Manual Integrations
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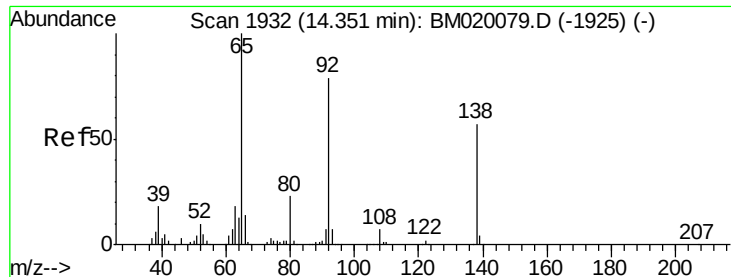
Sohil
 5/9/2019 6:44:29 PM



#52
 Acenaphthene
 Concen: 50.380 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	702880		
153	111.9	90.2	135.2	
152	51.2	43.0	64.4	





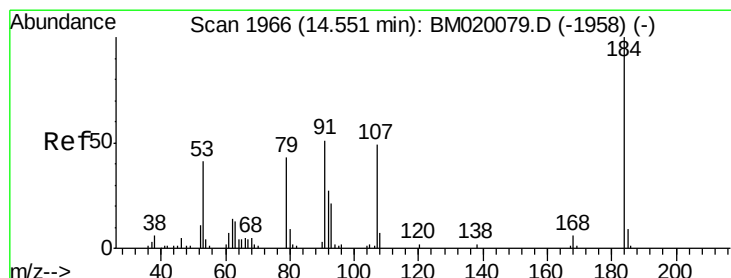
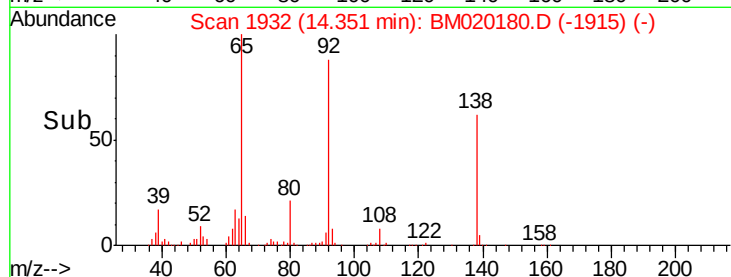
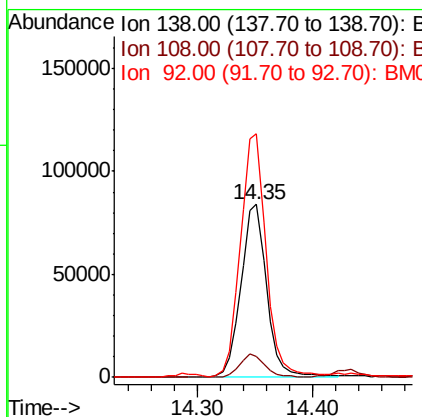
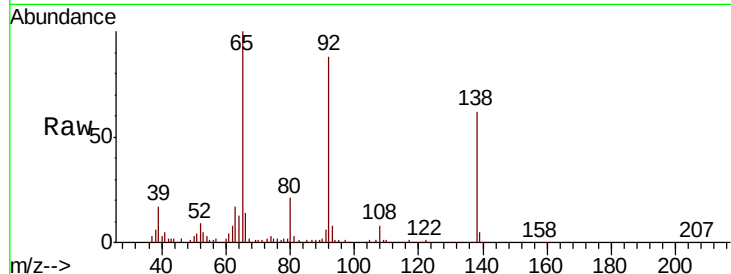
#53
3-Nitroaniline
Concen: 34.019 ng
RT: 14.35 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	10.4	15.6
92	141.0	111.3	166.9

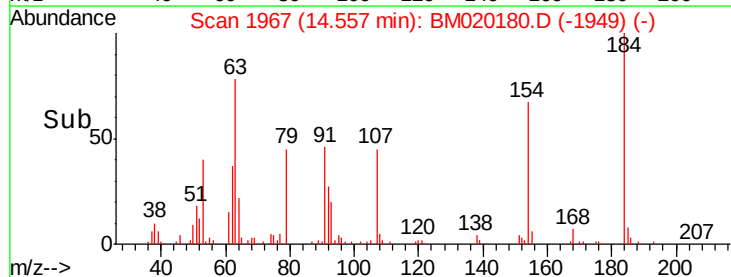
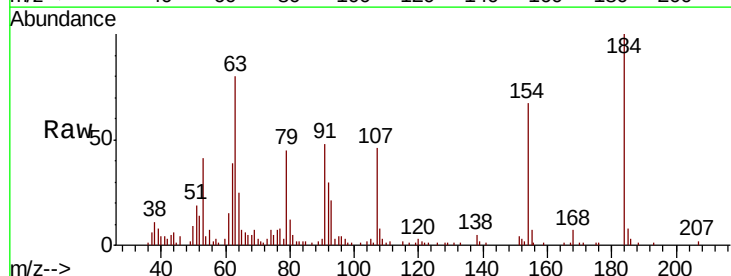
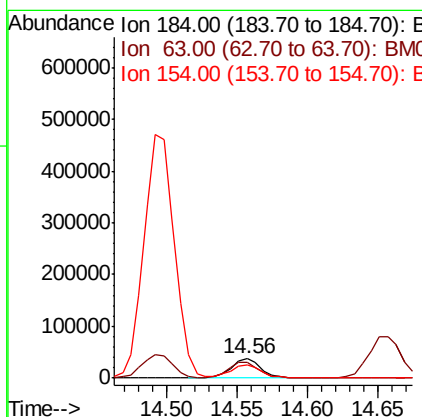
Manual Integrations
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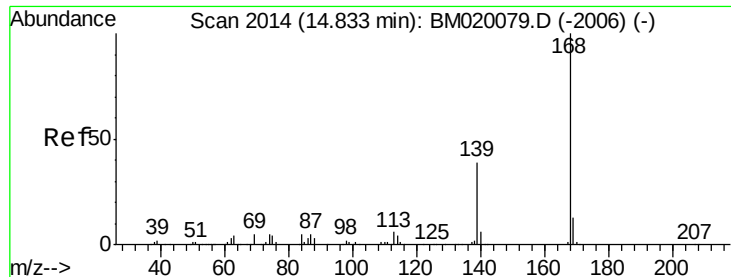
Sohil
5/9/2019 6:44:29 PM



#54
2,4-Dinitrophenol
Concen: 32.716 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.2	68.9	103.3
154	66.8	54.4	81.6





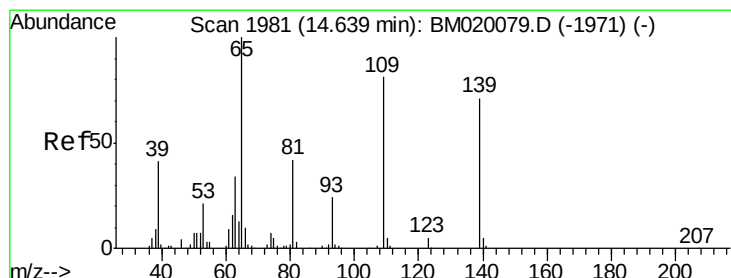
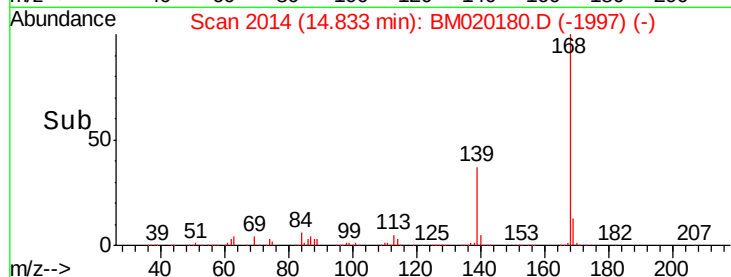
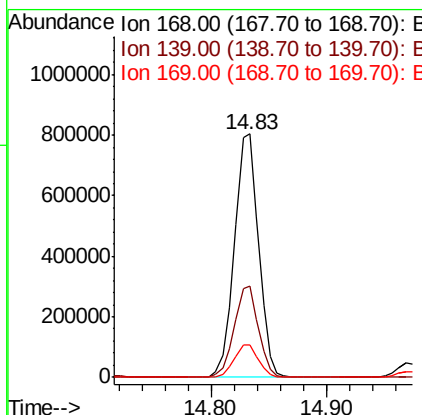
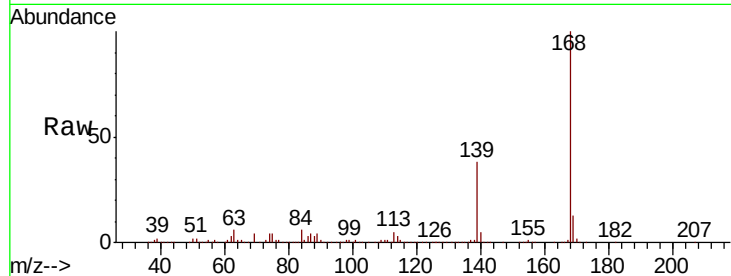
#55
Dibenzofuran
Concen: 49.322 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion:168 Resp: 1160679
Ion Ratio Lower Upper
168 100
139 37.6 31.1 46.7
169 13.4 10.6 16.0

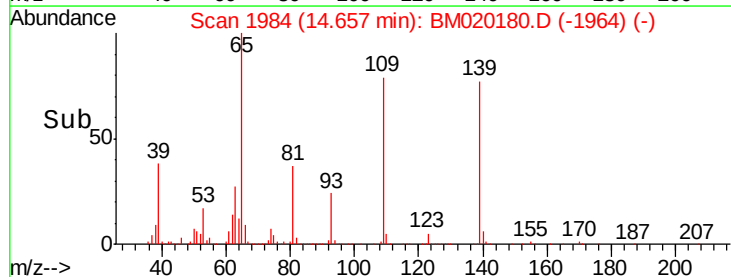
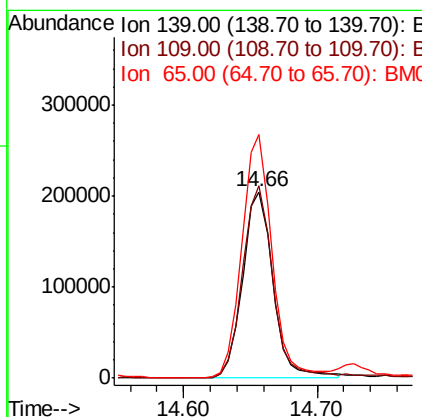
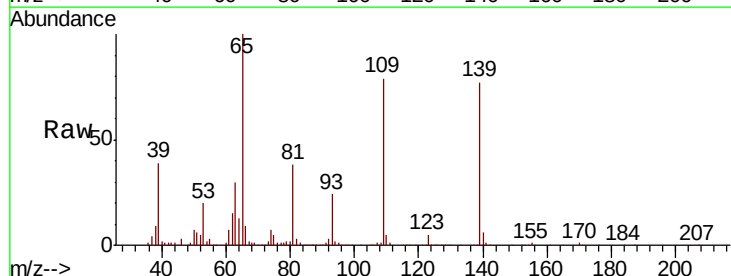
Manual Integrations
APPROVED

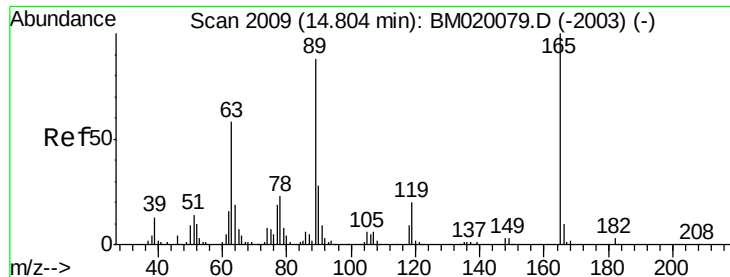
Sohil
5/9/2019 6:44:29 PM



#56
4-Nitrophenol
Concen: 98.101 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion:139 Resp: 321682
Ion Ratio Lower Upper
139 100
109 103.5 94.1 134.1
65 130.6 120.9 160.9





#57

2,4-Dinitrotoluene

Concen: 52.777 ng

RT: 14.80 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

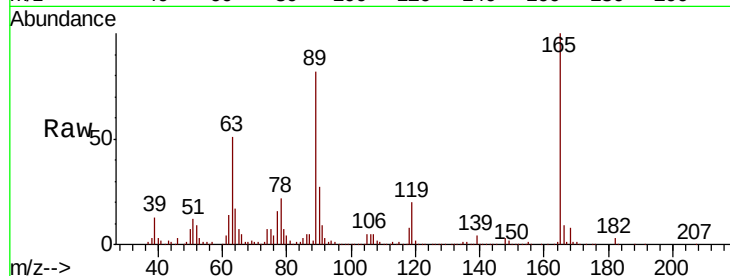
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		296961		
63	51.3	46.2	69.2		
89	81.8	70.6	105.8		
182	3.1	2.2	3.2		

Manual Integrations
APPROVED

Sohil
5/9/2019 6:44:29 PM

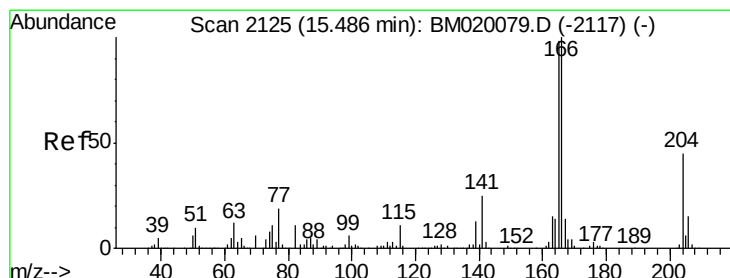
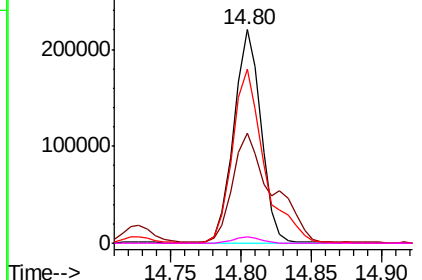
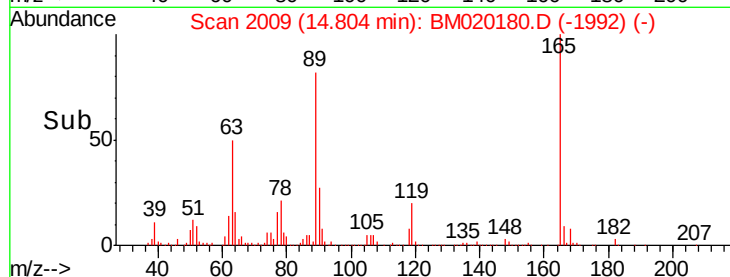


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.057 ng

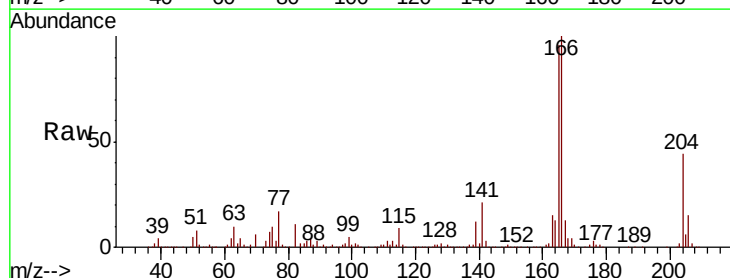
RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

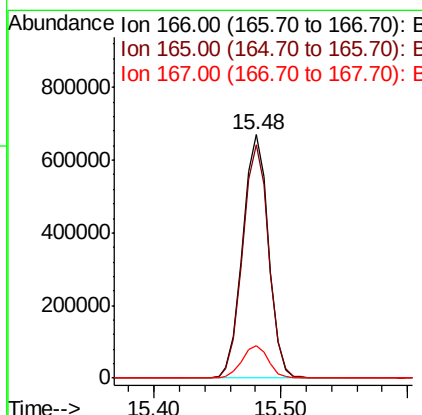
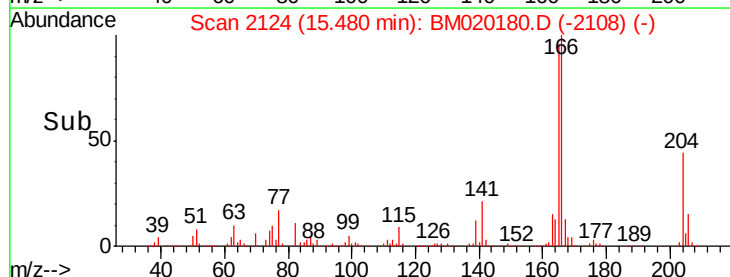
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		948127		
165	96.1	78.2	117.2		
167	13.3	11.0	16.4		

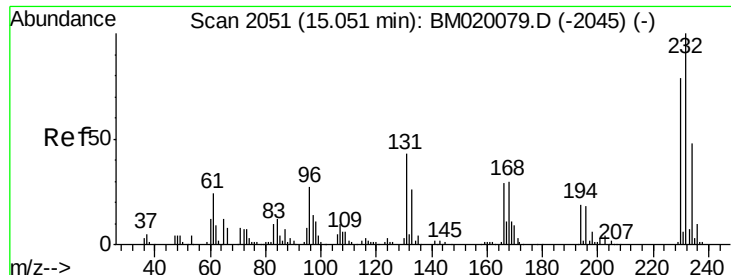


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





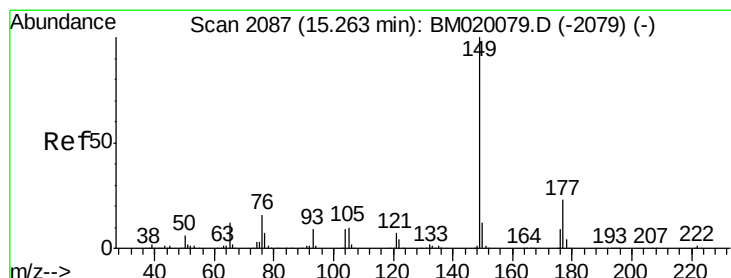
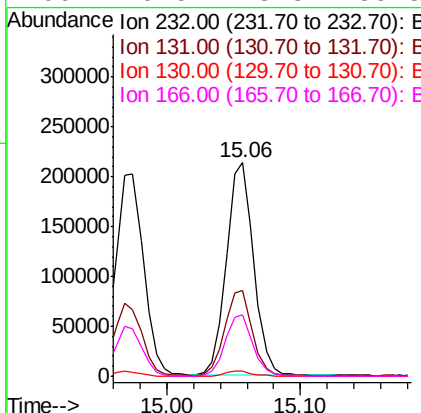
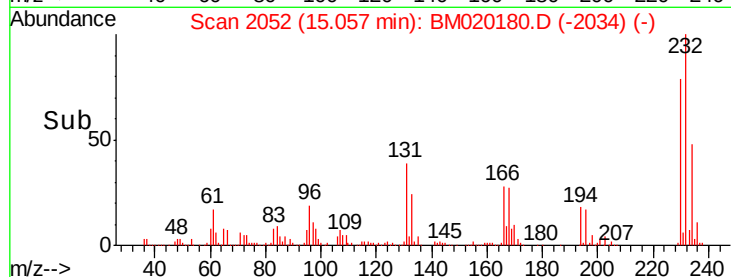
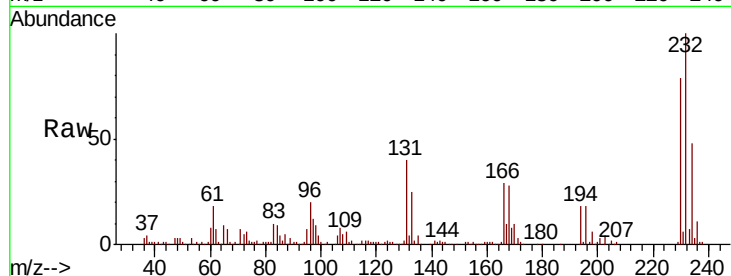
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.747 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	304395		
131	40.3		34.2	51.4
130	2.4		2.0	3.0
166	29.5		23.8	35.8

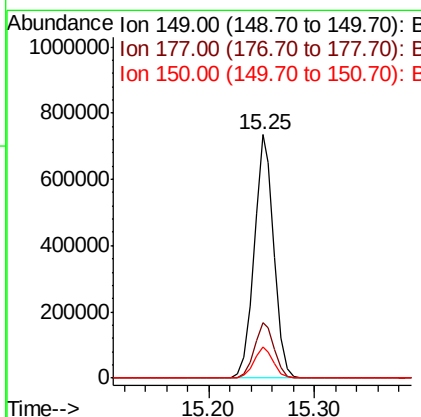
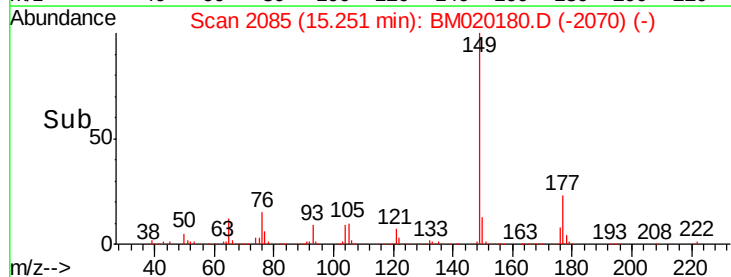
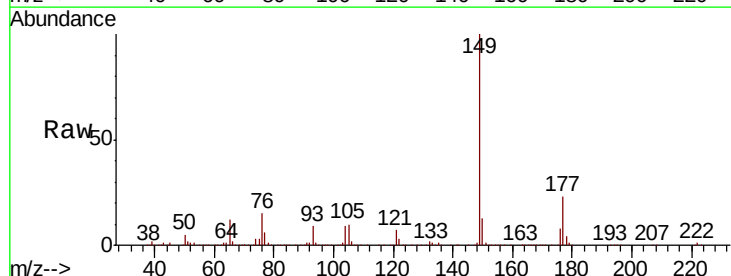
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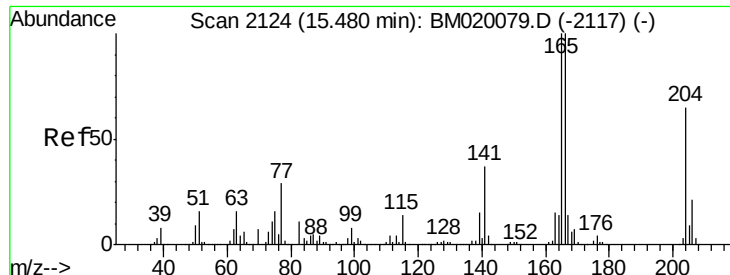
Sohil
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#60
 Diethylphthalate
 Concen: 48.202 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	954752		
177	22.9		18.2	27.4
150	12.8		9.9	14.9





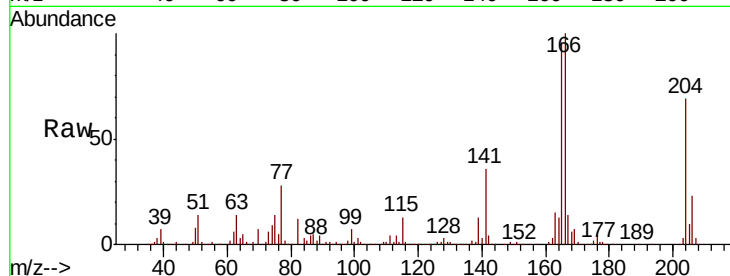
#61
4-Chlorophenyl-phenylether
Concen: 48.459 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.6	38.4
141	52.9	46.1	69.1

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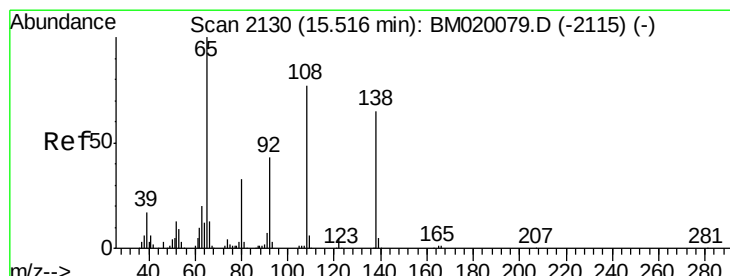
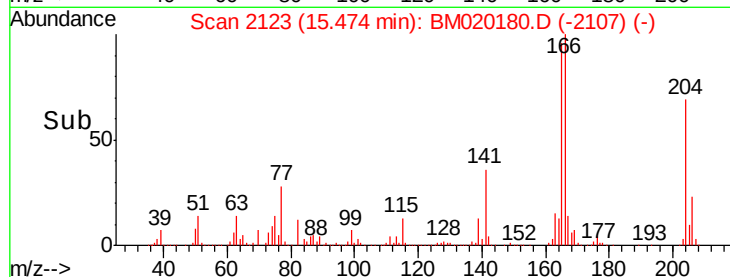
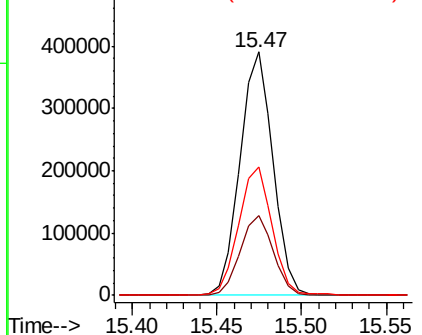


Abundance

Ion 204.00 (203.70 to 204.70): E

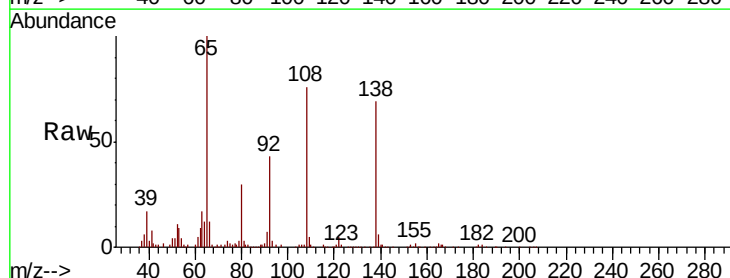
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.026 ng
RT: 15.52 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.3	45.9	85.9
108	110.1	97.7	137.7

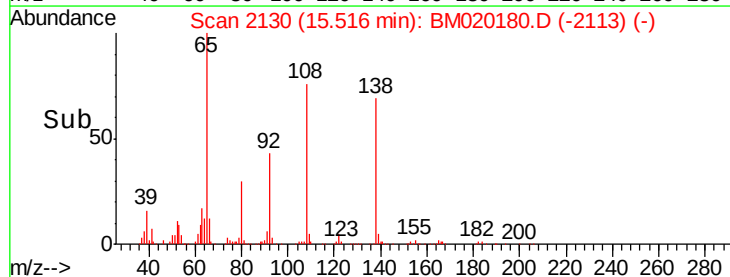
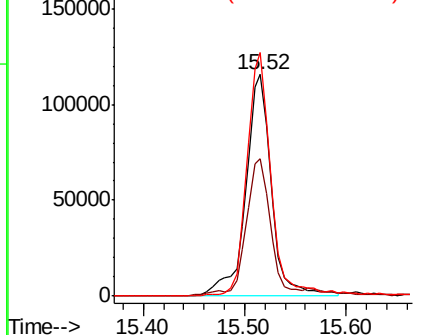


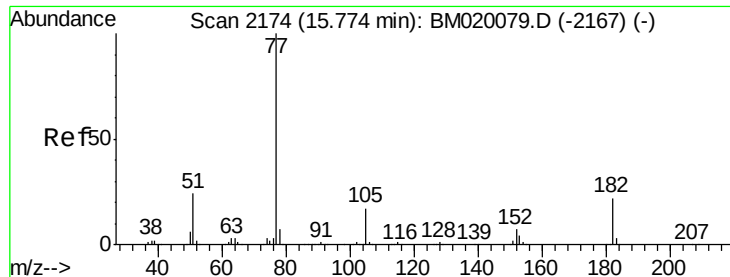
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





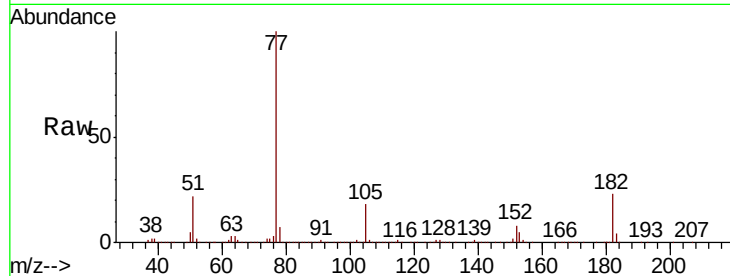
#63
Azobenzene
Concen: 45.266 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.4	2.1	42.1	
105	17.5	0.0	36.8	
51	22.3	3.8	43.8	

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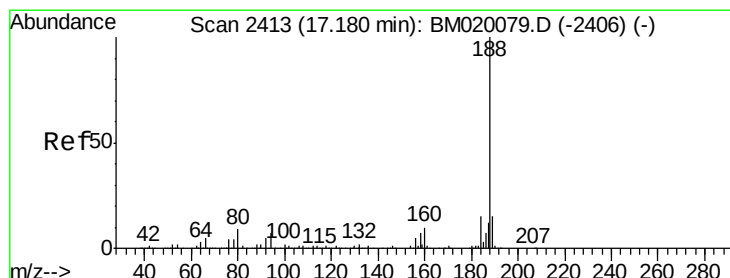
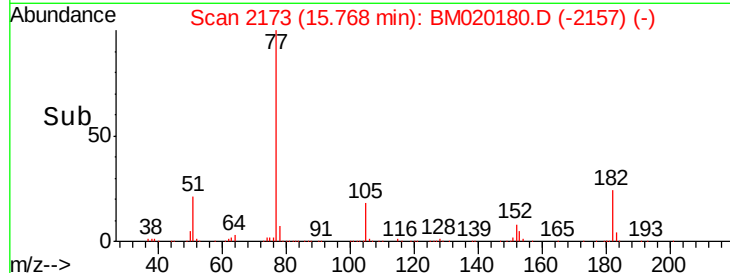
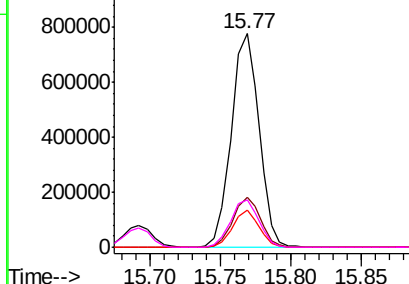


Abundance Ion 77.00 (76.70 to 77.70): BM020180.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020180.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): BM020180.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020180.D (-2157) (-)



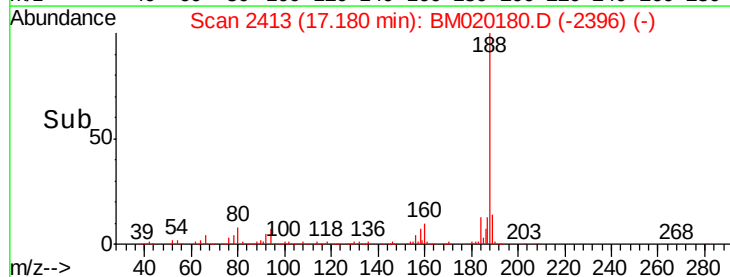
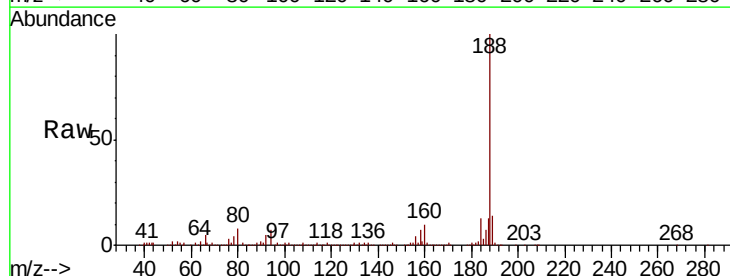
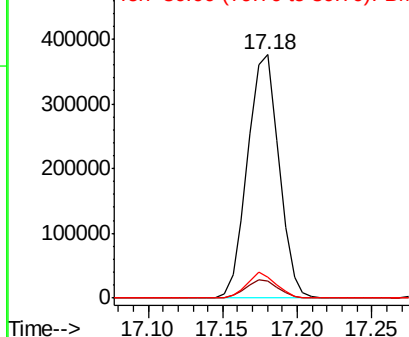
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

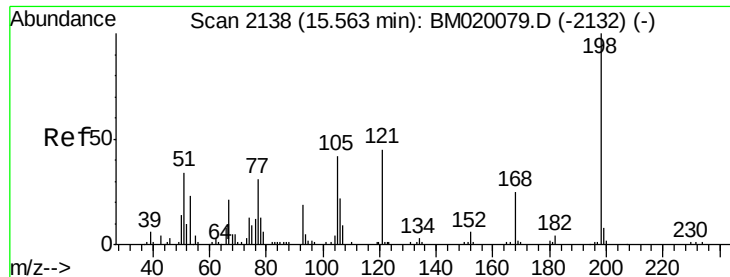
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.2	5.8	8.6	
80	8.4	7.4	11.2	

Abundance Ion 188.00 (187.70 to 188.70): BM020180.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020180.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020180.D (-2396) (-)





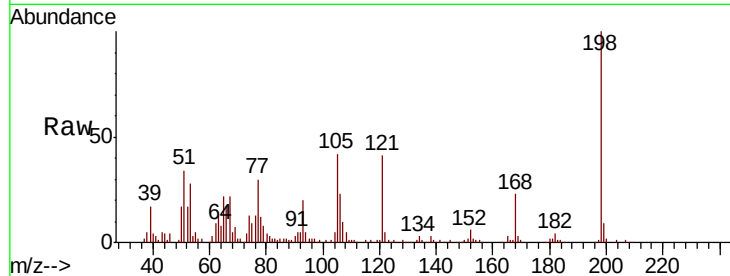
#65
4,6-Dinitro-2-methylphenol
Concen: 43.497 ng
RT: 15.56 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.9	16.5	56.5
105	42.2	22.8	62.8

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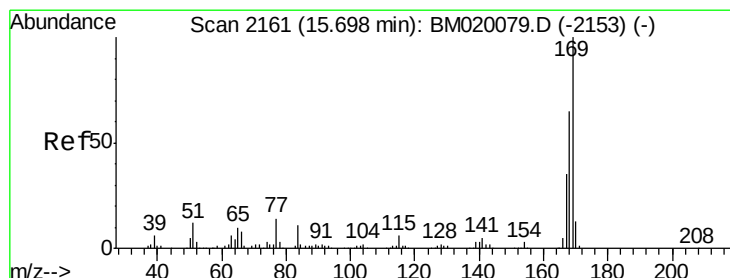
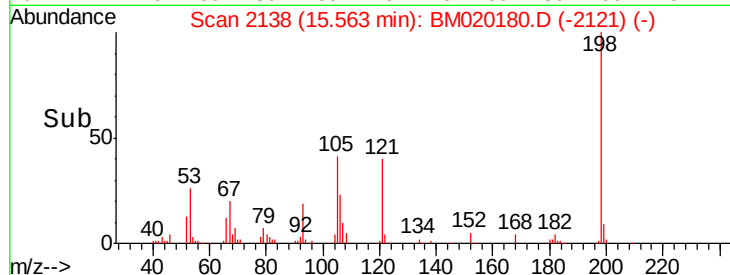
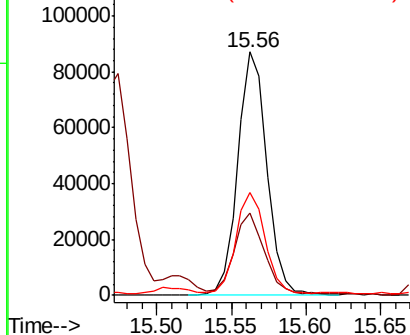


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 50.682 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

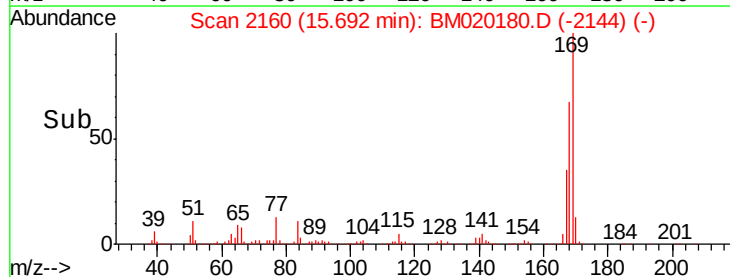
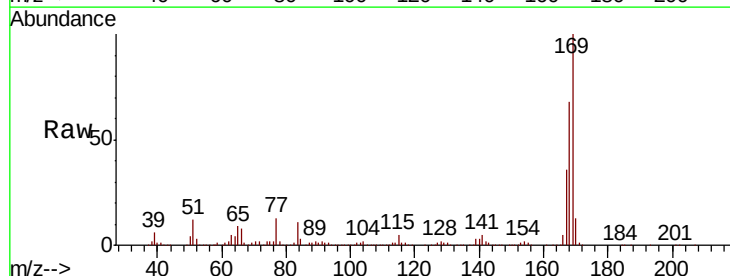
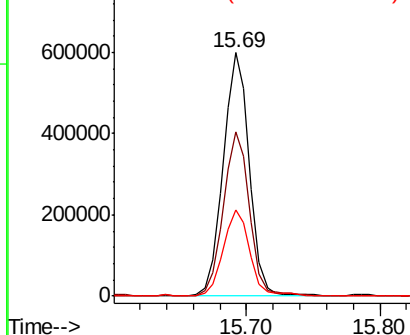
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	51.9	77.9
167	35.7	27.8	41.6

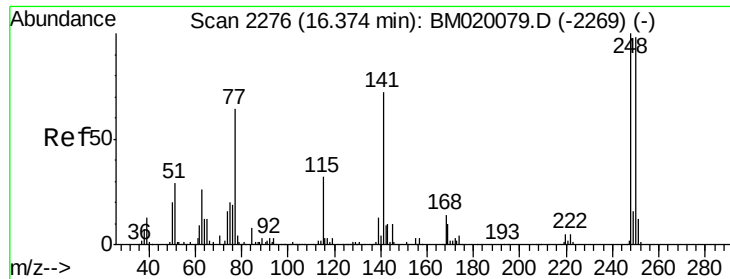
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





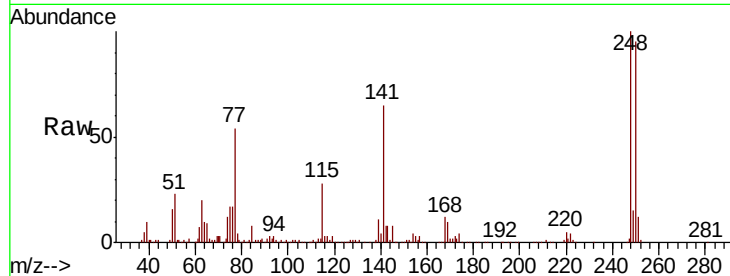
#67
4-Bromophenyl-phenylether
Concen: 49.382 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	78.4	117.6
141	65.5	57.4	86.2

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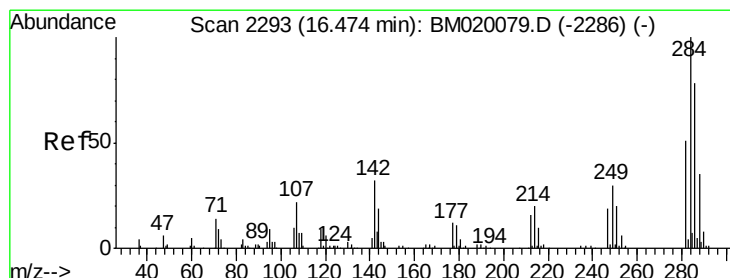
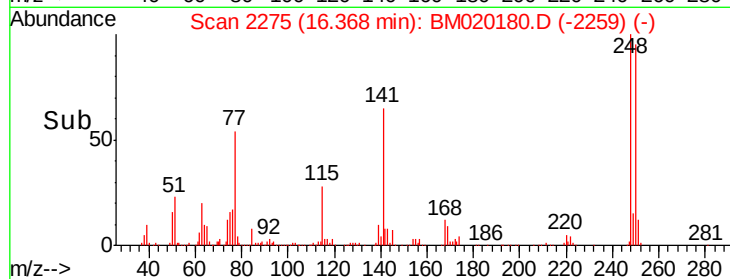
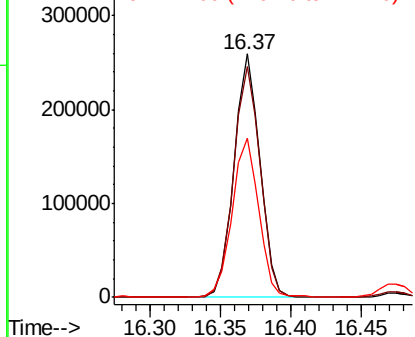


Abundance

Ion 248.00 (247.70 to 248.70): E

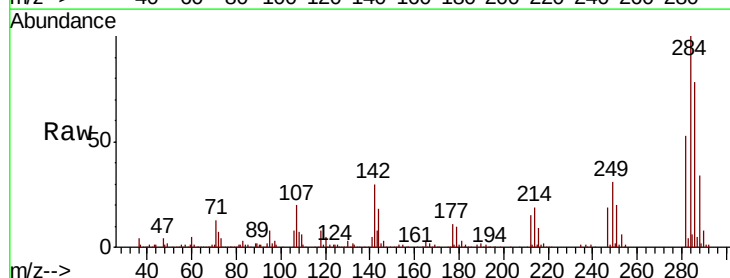
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 50.164 ng
RT: 16.47 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.2	37.8
249	30.9	23.6	35.4

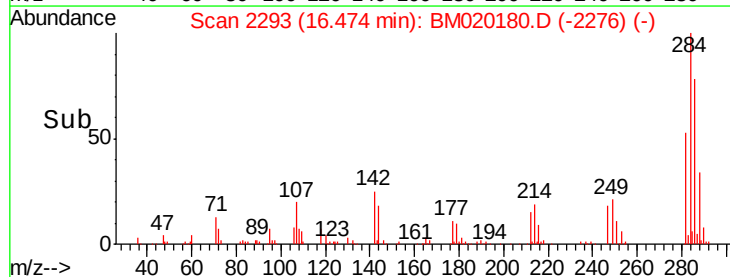
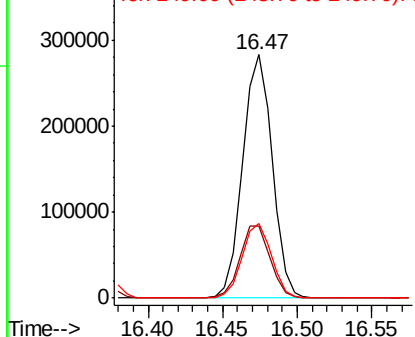


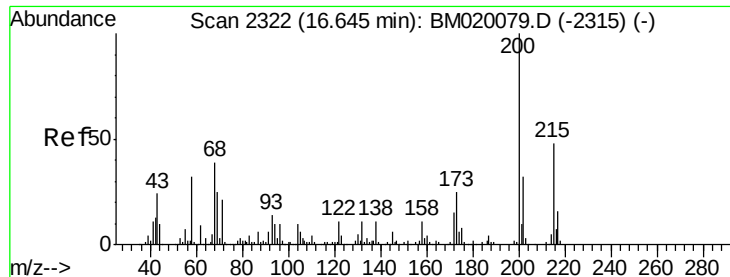
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.722 ng

RT: 16.64 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

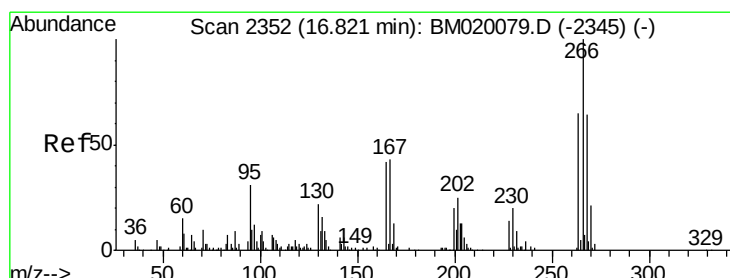
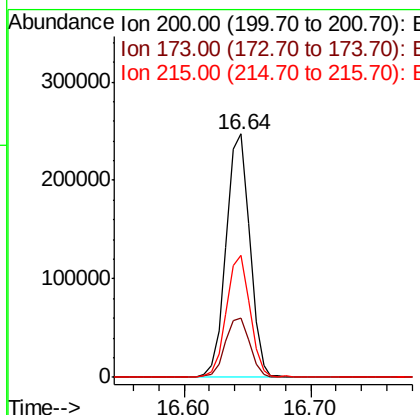
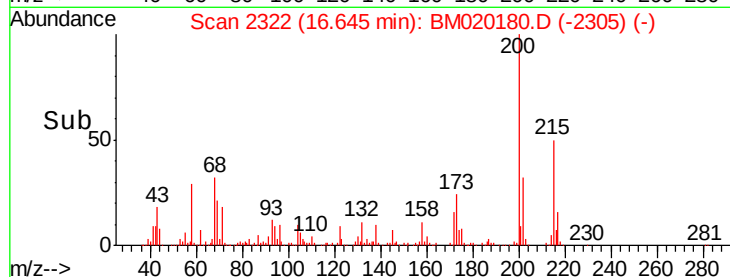
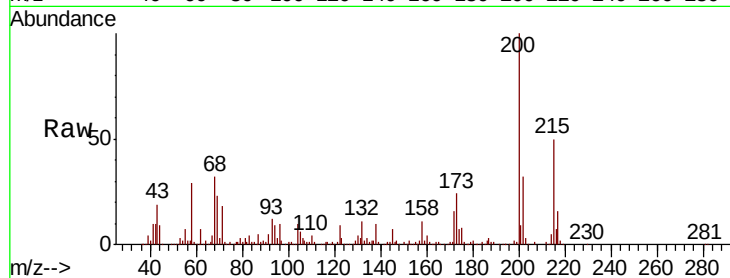
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:	200	Resp:	319659
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.6	44.6
215	49.9	28.0	68.0

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#70

Pentachlorophenol

Concen: 113.287 ng

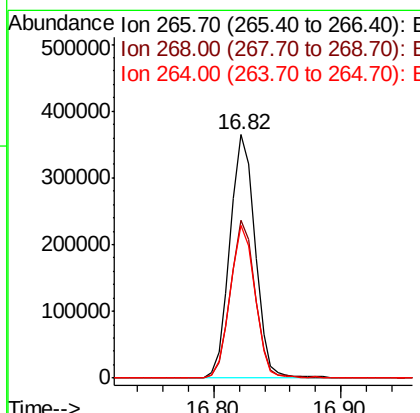
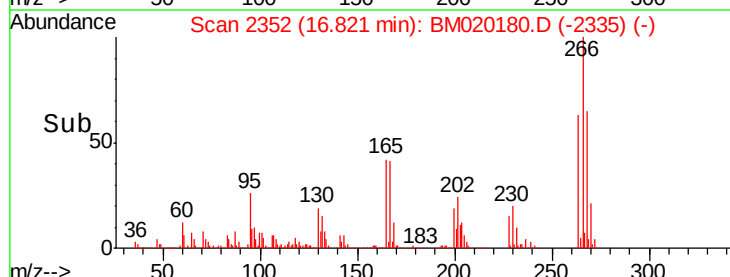
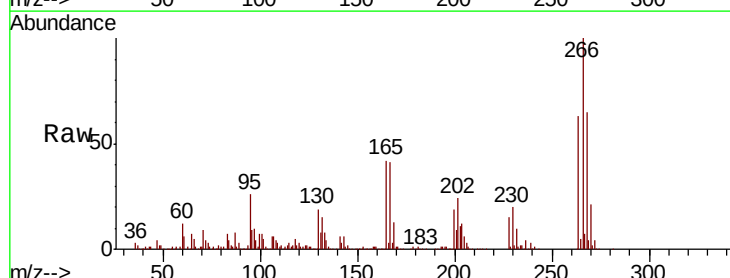
RT: 16.82 min Scan# 2352

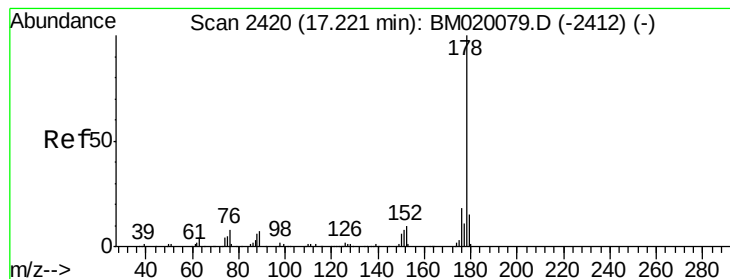
Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion:	266	Resp:	501268
Ion Ratio	Lower	Upper	
266	100		
268	64.8	51.4	77.0
264	63.0	52.0	78.0





#71

Phenanthrene

Concen: 53.386 ng

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:178 Resp: 1615036

Ion Ratio Lower Upper

178 100

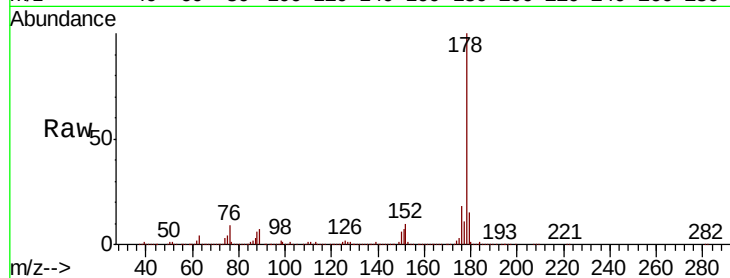
176 18.1 14.6 21.8

179 15.3 12.4 18.6

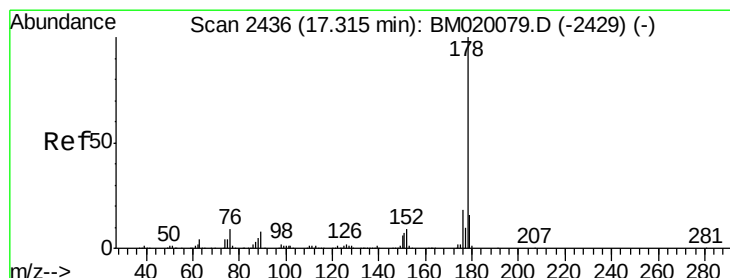
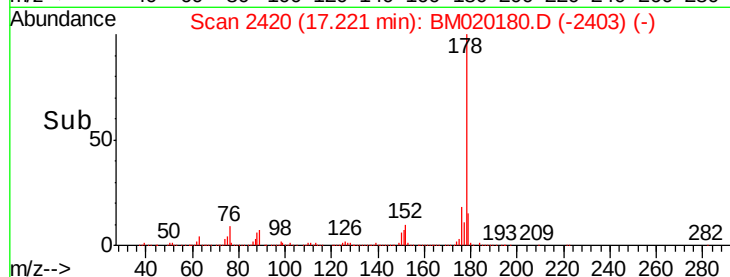
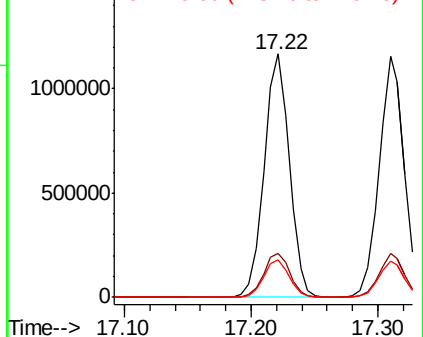
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.563 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion:178 Resp: 1589868

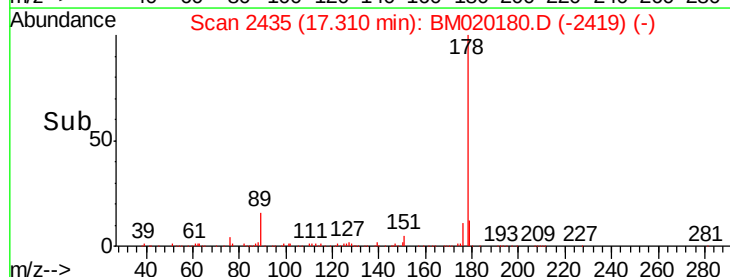
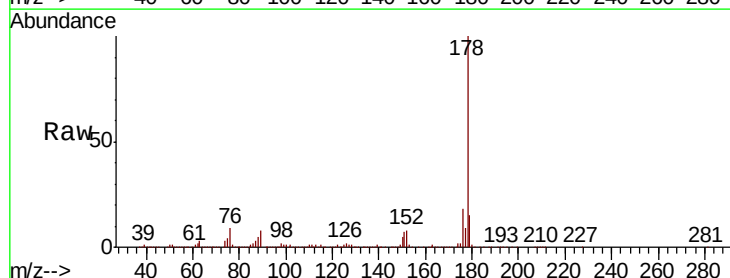
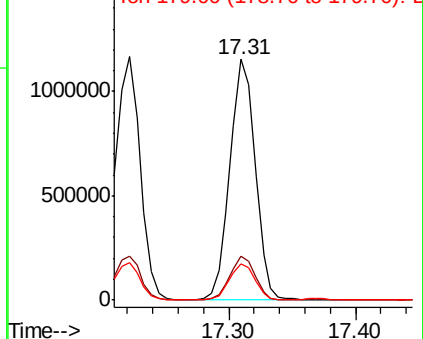
Ion Ratio Lower Upper

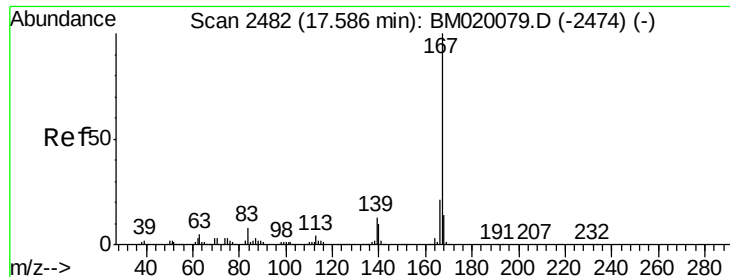
178 100

176 18.1 14.6 22.0

179 15.2 12.4 18.6

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





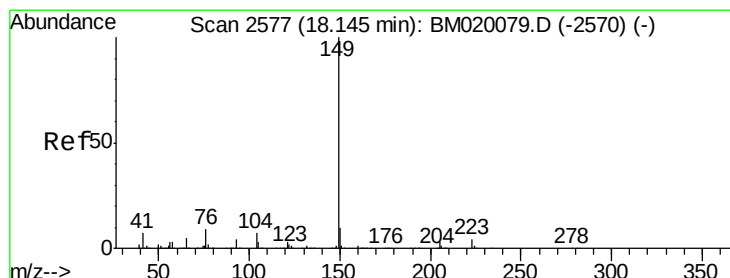
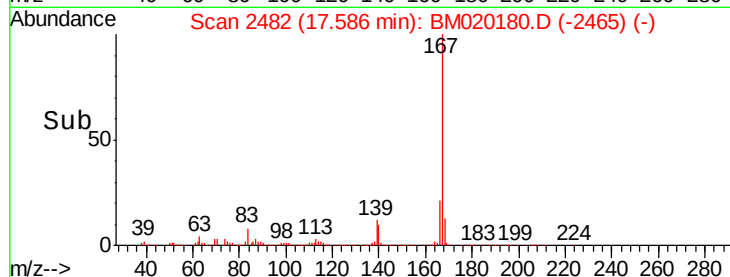
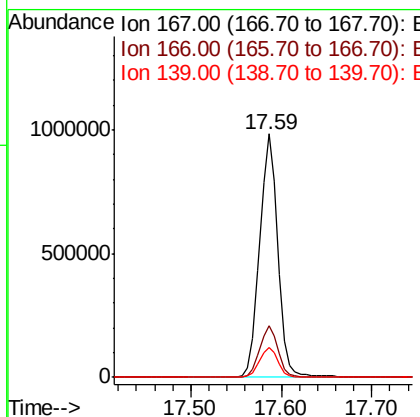
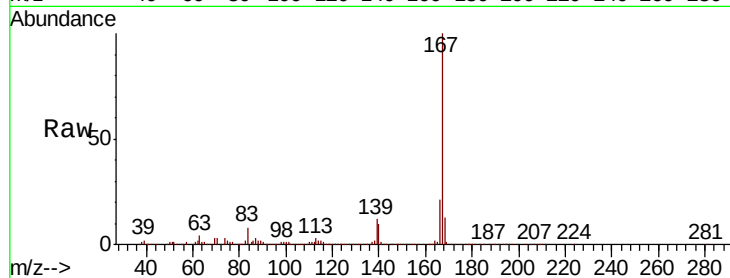
#73
 Carbazole
 Concen: 50.260 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	12.3	10.6	16.0

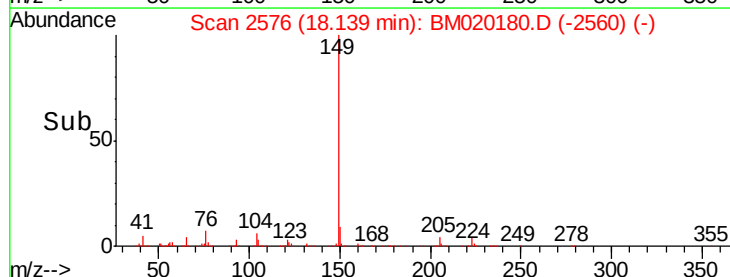
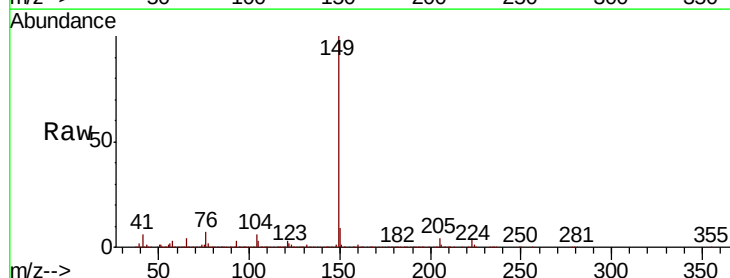
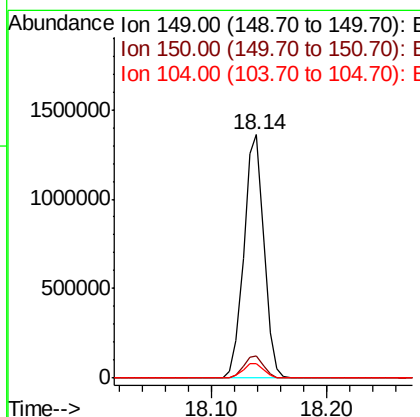
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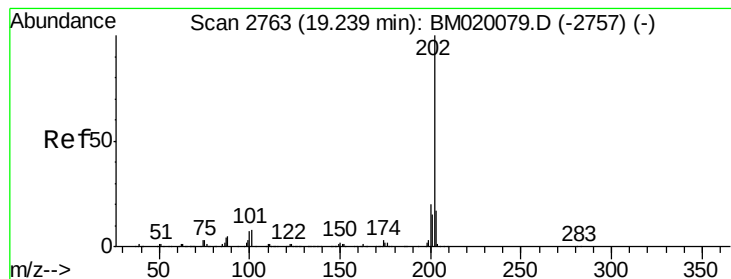
Sohil
 5/9/2019 6:44:29 PM



#74
 Di-n-butylphthalate
 Concen: 49.599 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.6
104	6.0	5.7	8.5





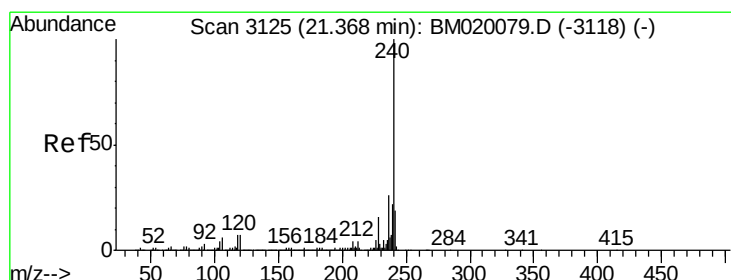
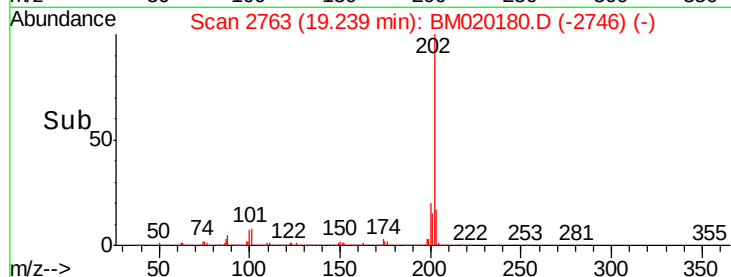
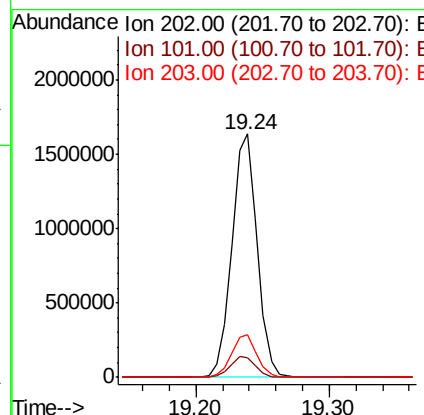
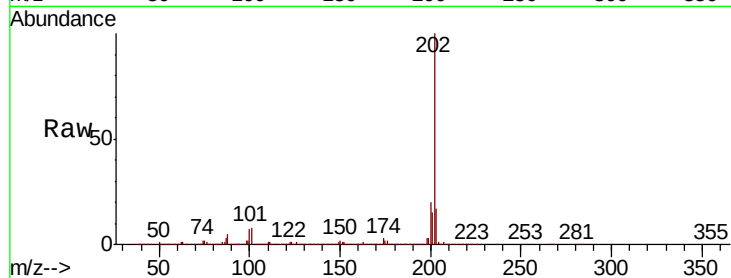
#75
 Fluoranthene
 Concen: 56.755 ng
 RT: 19.24 min Scan# 2763
 Delta R.T. 0.00 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2172395		
101	7.9		0.0	28.4
203	17.4		0.0	37.4

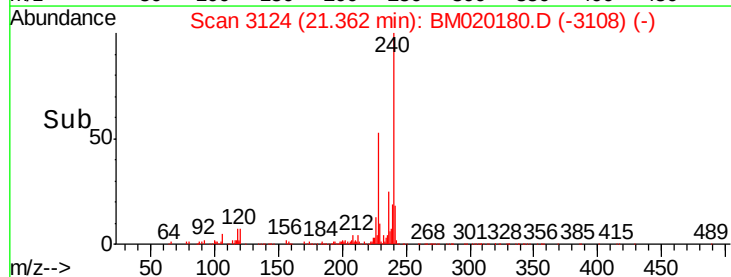
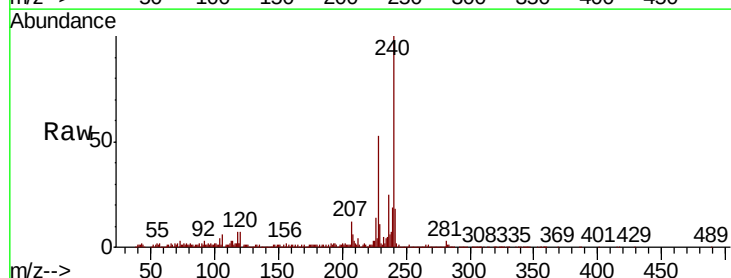
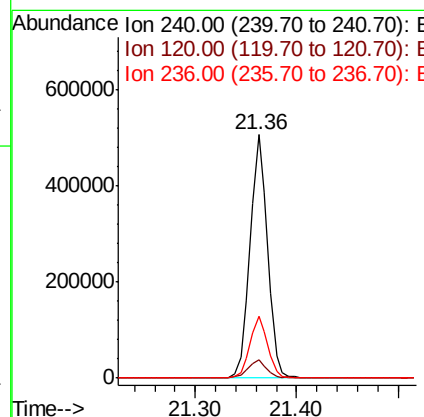
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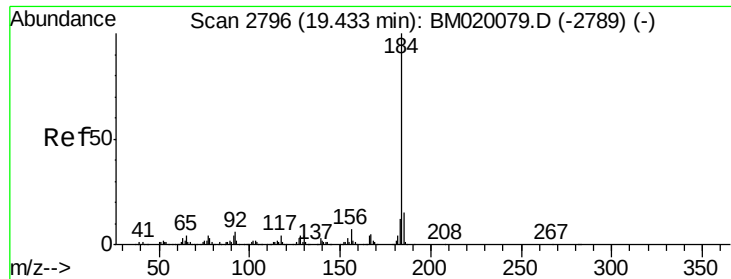
Sohil
 5/9/2019 6:44:29 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	607248		
120	7.5		5.6	8.4
236	25.4		20.9	31.3





#77

Benzidine

Concen: 44.947 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

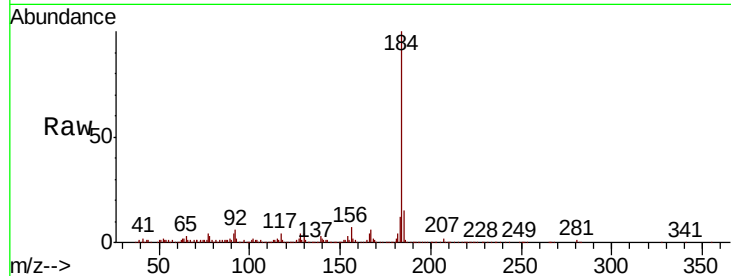
ClientSampleId :

SB-2(33.5-35.5)MSD

Tot Ion:	184	Resp:	872614
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	12.2	9.5	14.3

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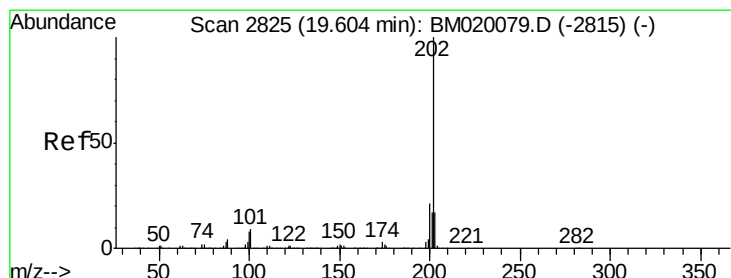
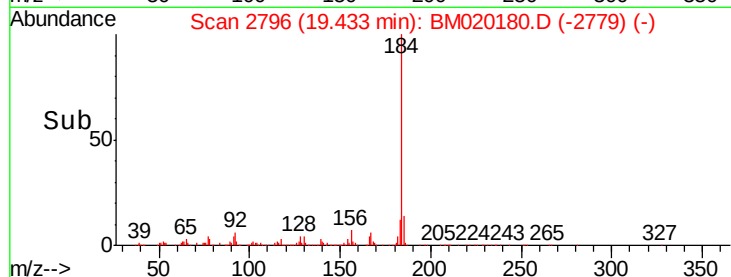
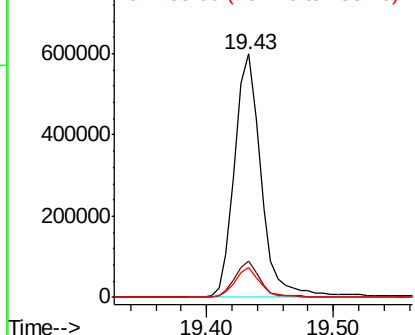


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.763 ng

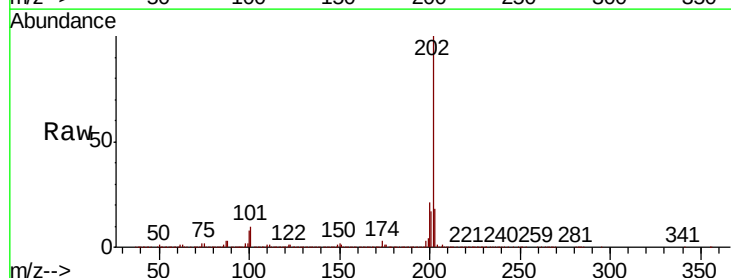
RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Tgt Ion:	202	Resp:	2191930
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.5	24.7
203	17.7	13.9	20.9

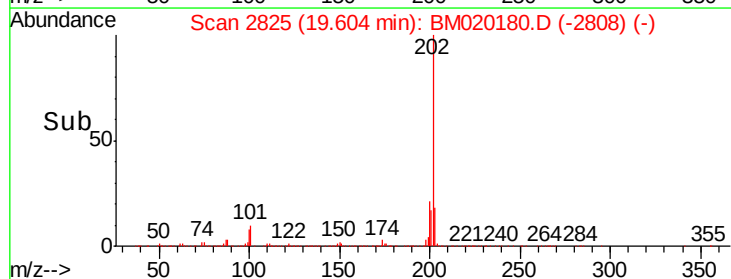
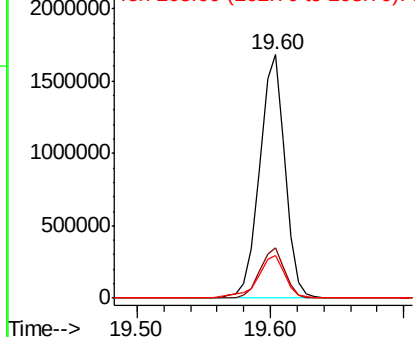


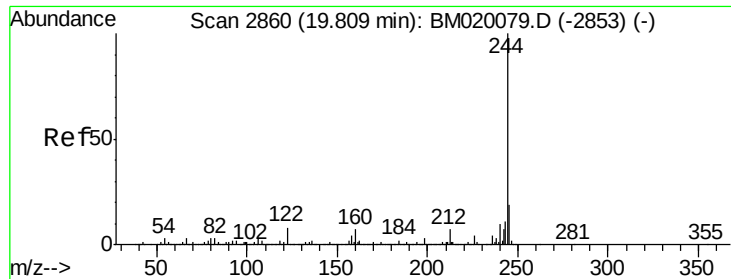
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





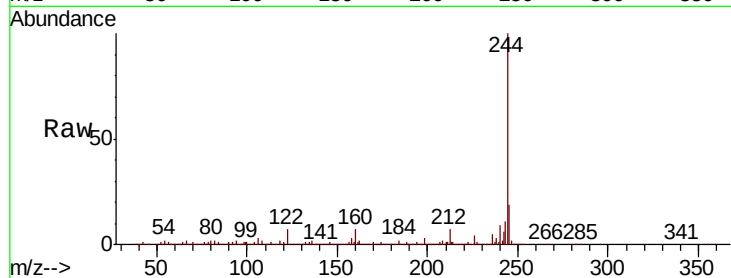
#79
 Terphenyl-d14
 Concen: 80.546 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Instrument :
 BNA_M
 ClientSampleId :
 SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.1	6.2	9.2

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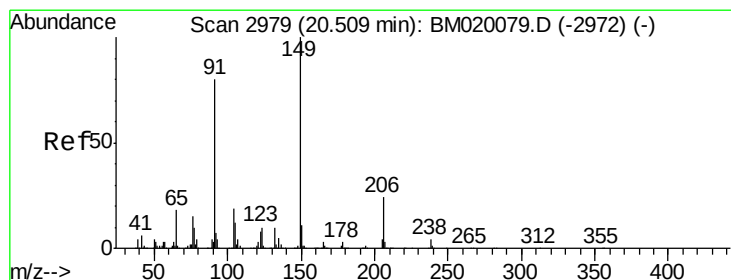
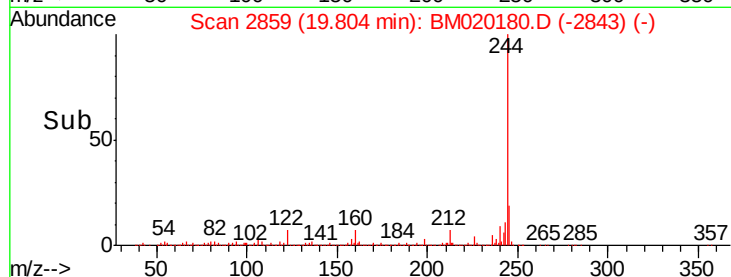
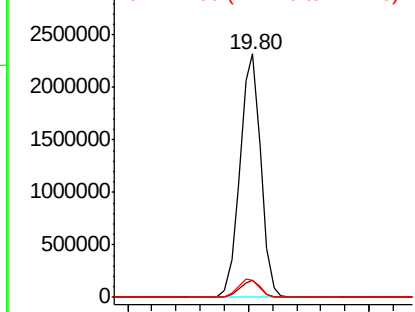


Abundance

Ion 244.00 (243.70 to 244.70): E

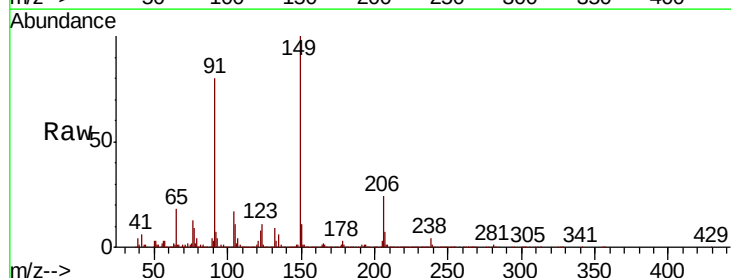
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 53.899 ng
 RT: 20.50 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BM020180.D
 Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.7	63.8	95.8
206	24.0	18.9	28.3

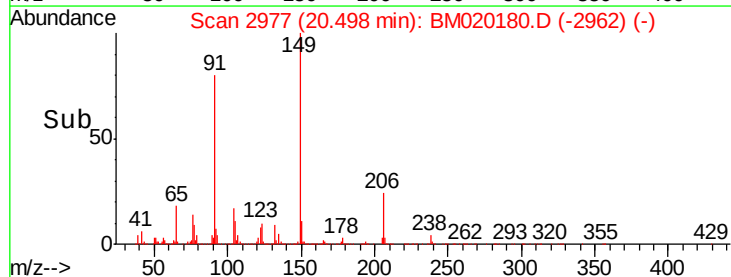
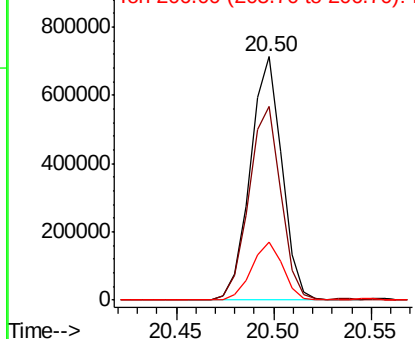


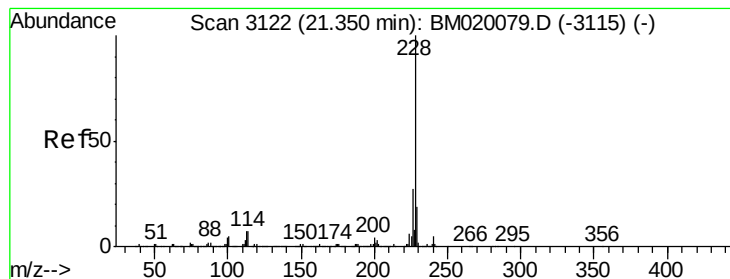
Abundance

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: 49.833 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020180.D

Acq: 08 May 2019 00:21

Instrument :

BNA_M

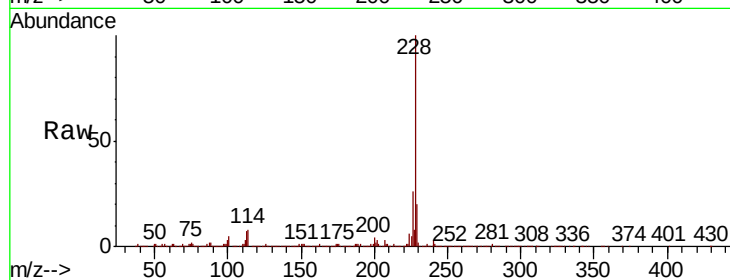
ClientSampleId :

SB-2(33.5-35.5)MSD

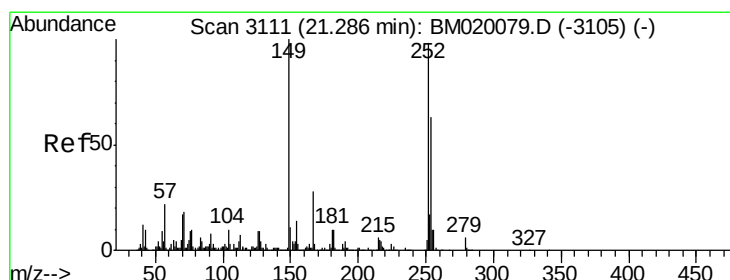
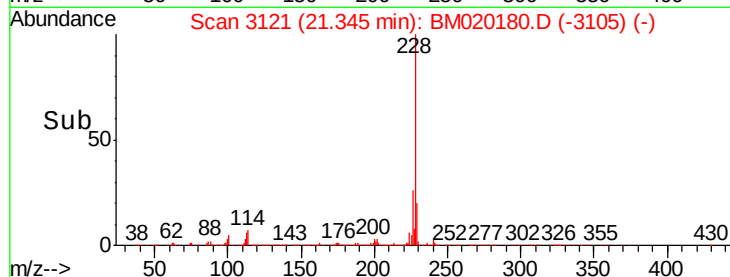
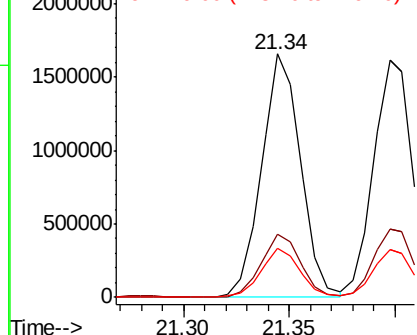
Tot Ion:	228	Resp:	2122201
Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.3	15.5	23.3

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



#82

3,3'-Dichlorobenzidine

Concen: 38.327 ng

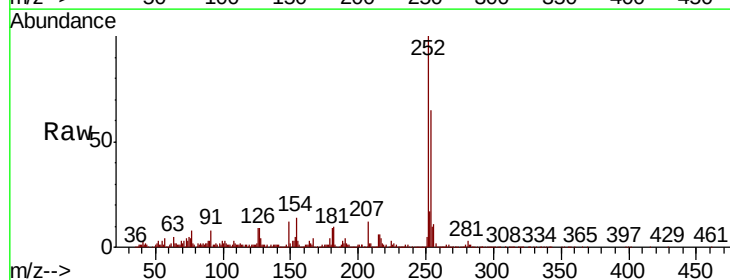
RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

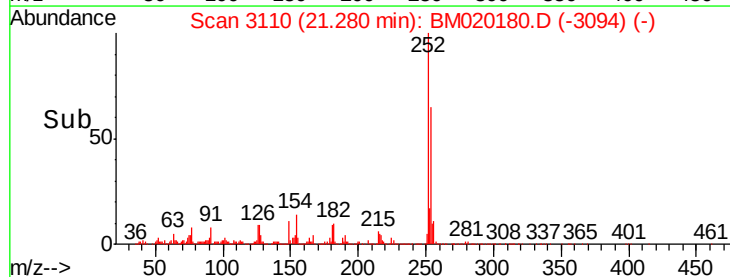
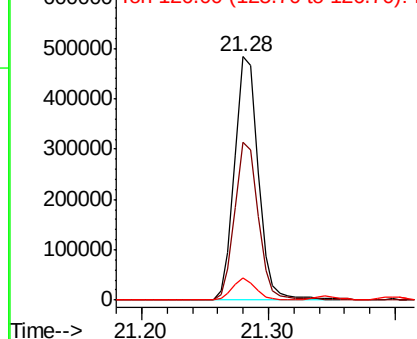
Lab File: BM020180.D

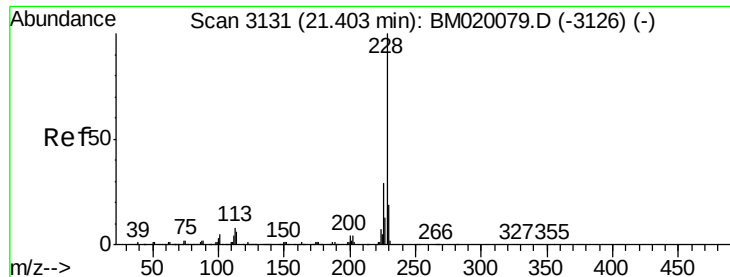
Acq: 08 May 2019 00:21

Tgt Ion:	252	Resp:	622958
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.1	76.7
126	8.9	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





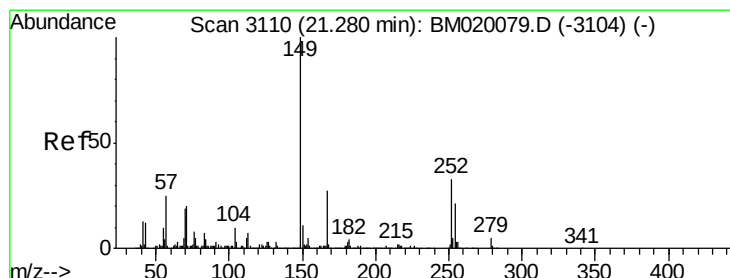
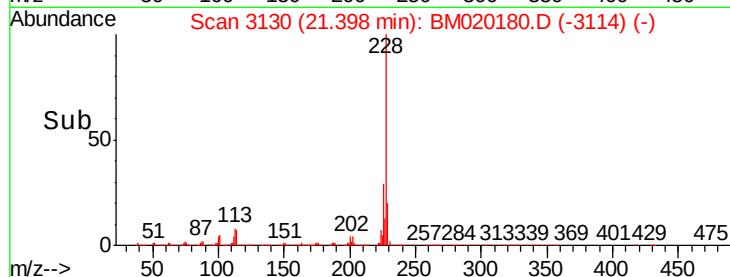
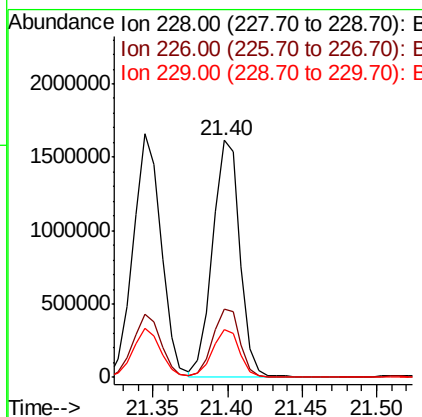
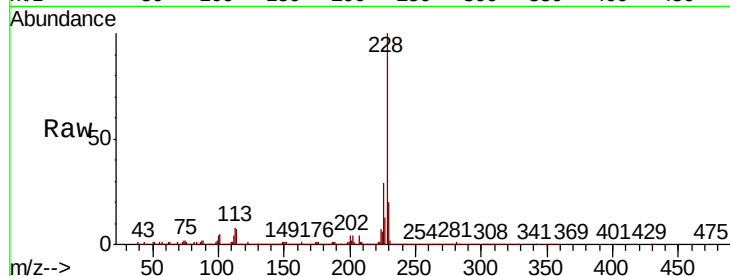
#83
Chrysene
Concen: 49.856 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.2	15.5	23.3

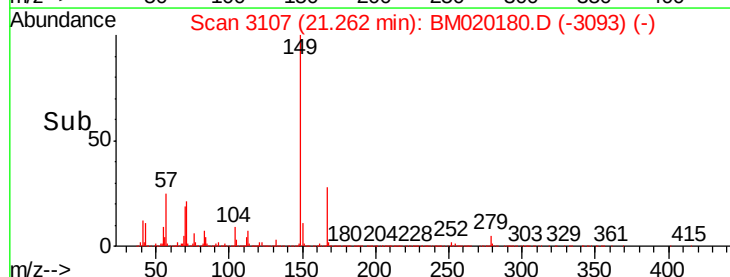
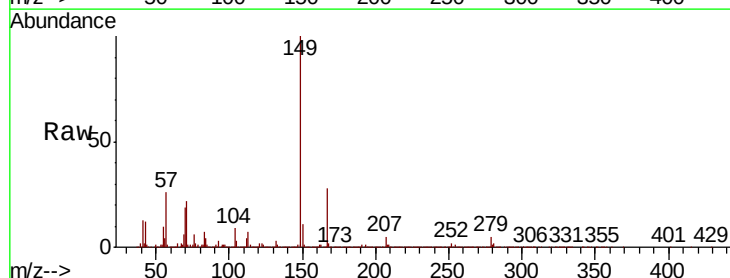
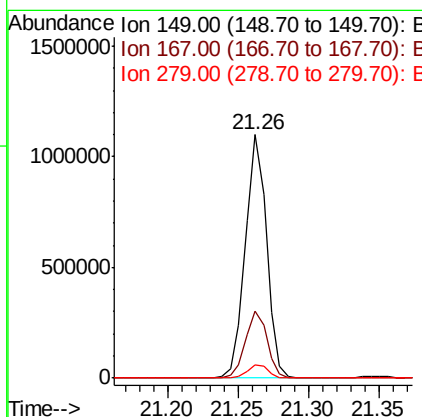
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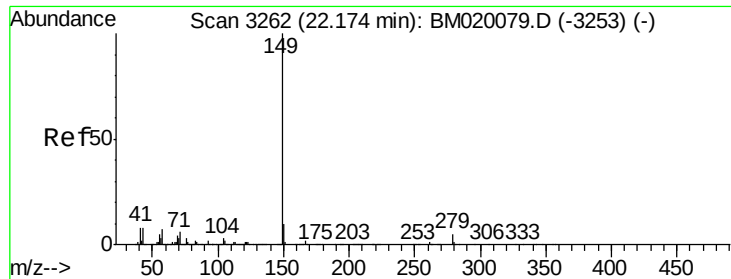
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.273 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	5.5	4.2	6.2





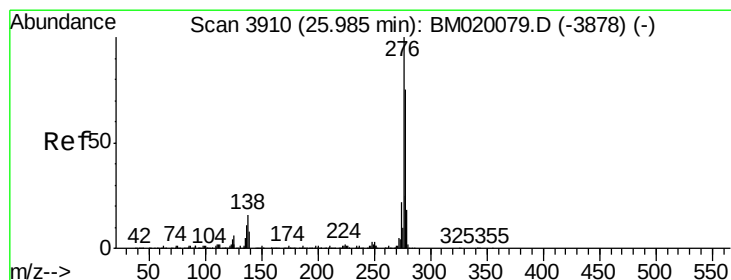
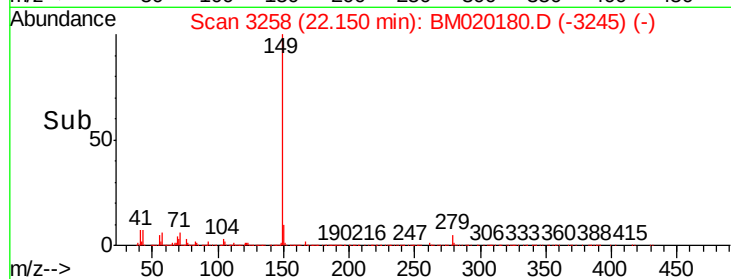
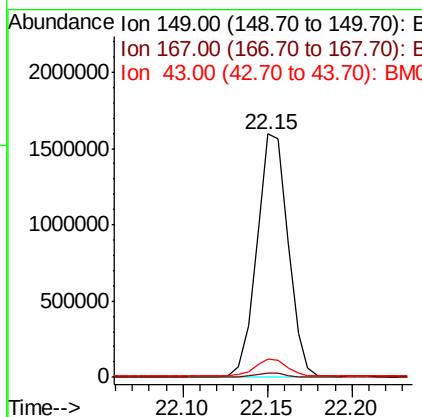
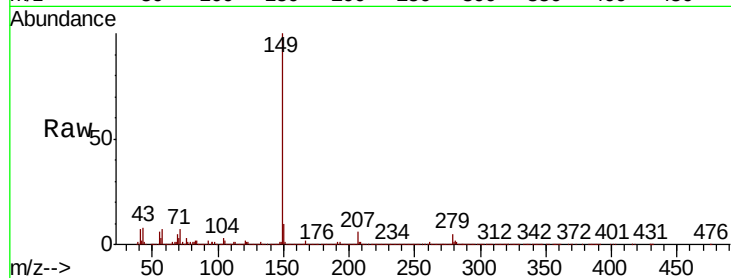
#85
Di-n-octyl phthalate
Concen: 53.445 ng
RT: 22.15 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.0	6.5	9.7

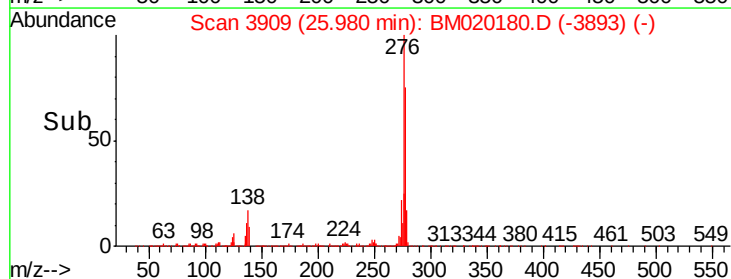
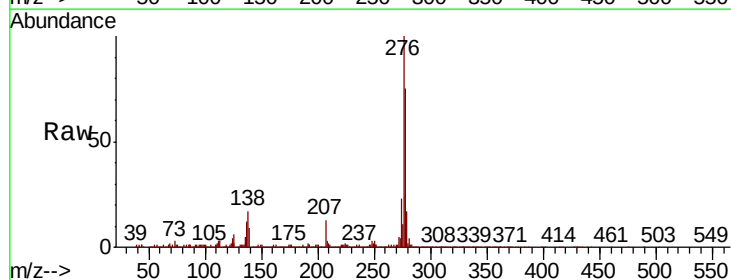
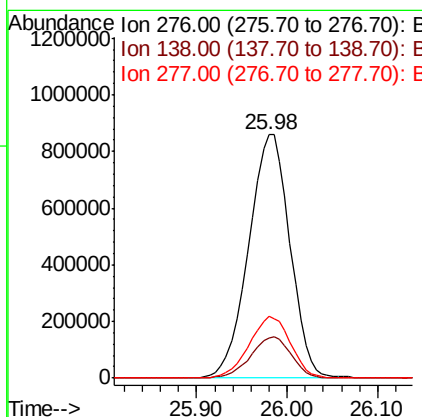
Manual Integrations
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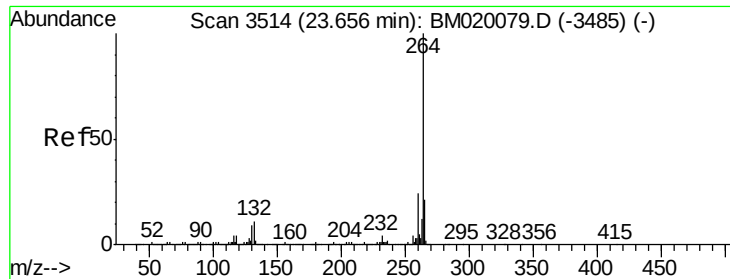
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.092 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	0.0	0.0#
277	25.2	0.0	0.0#





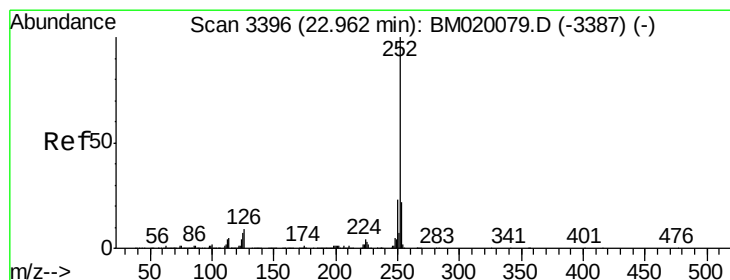
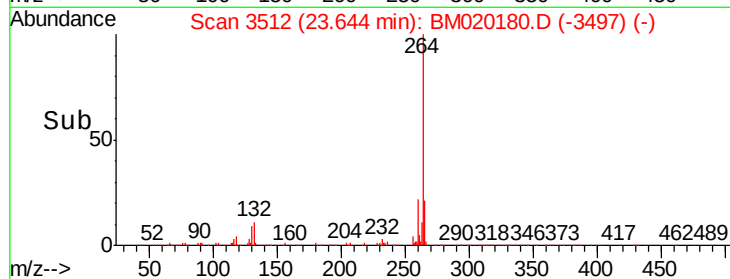
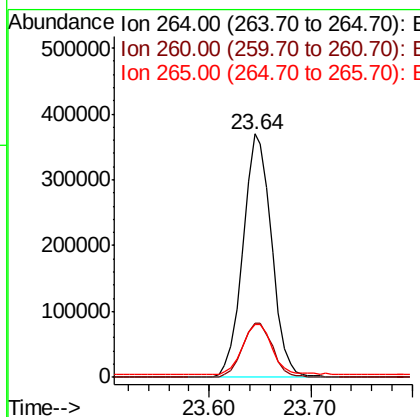
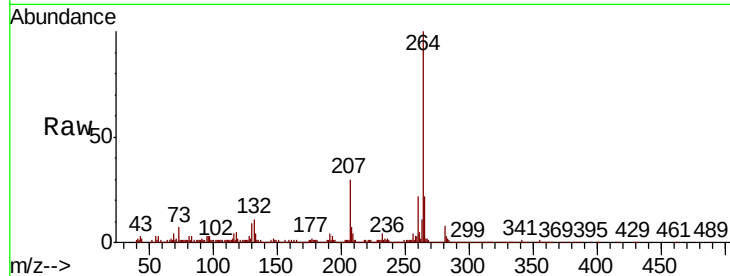
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion:	264	Resp:	720561
Ion Ratio	Lower	Upper	
264	100		
260	22.1	19.2	28.8
265	21.7	16.9	25.3

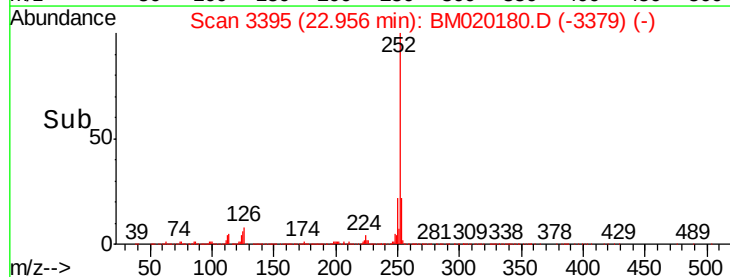
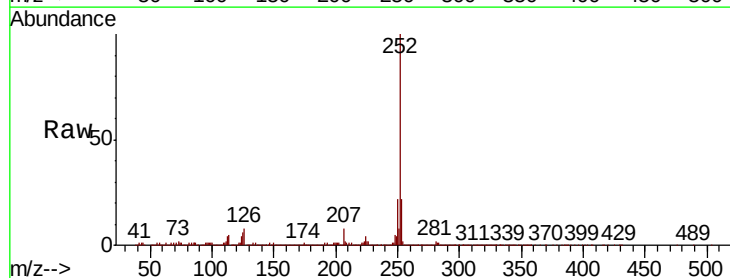
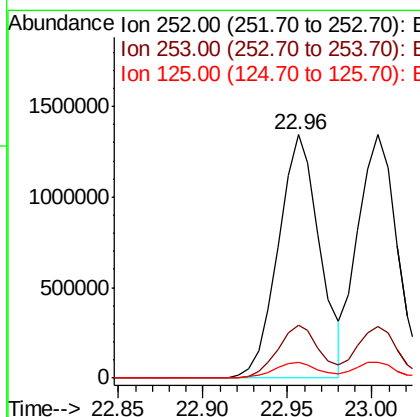
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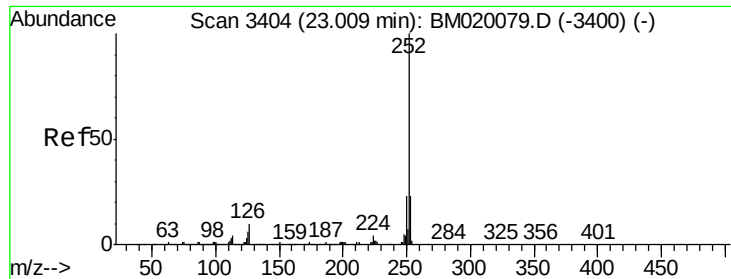
Sohil
5/9/2019 6:44:29 PM



#88
Benzo(b)fluoranthene
Concen: 48.190 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion:	252	Resp:	2292989
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	6.4	5.4	8.2





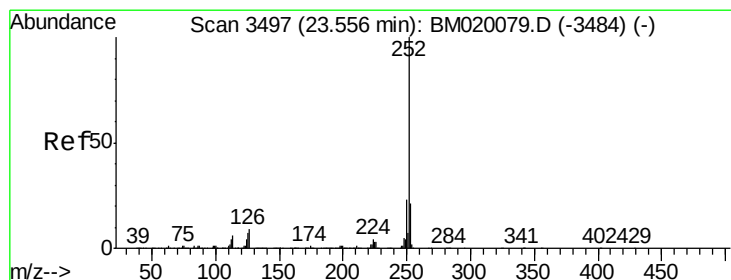
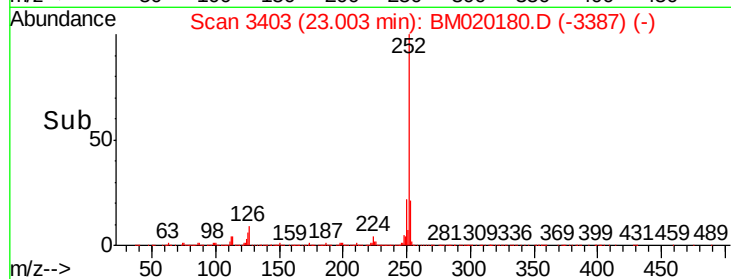
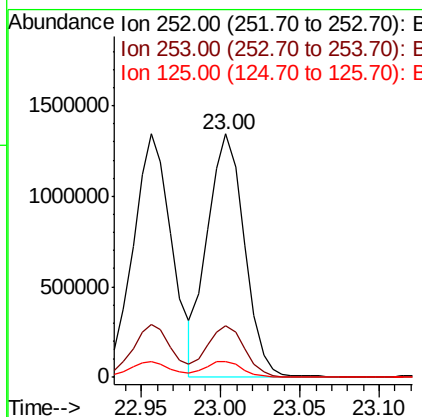
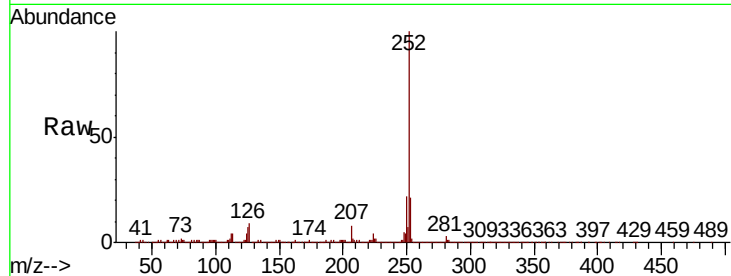
#89
Benzo(k)fluoranthene
Concen: 50.251 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	6.6	5.4	8.0

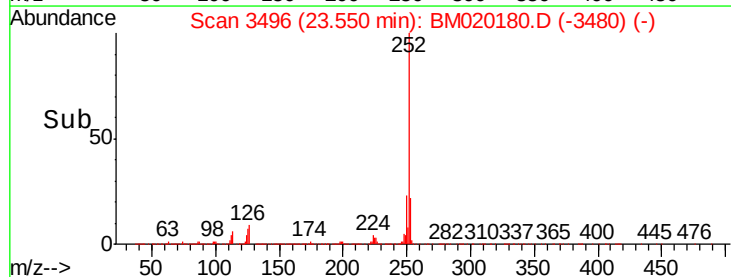
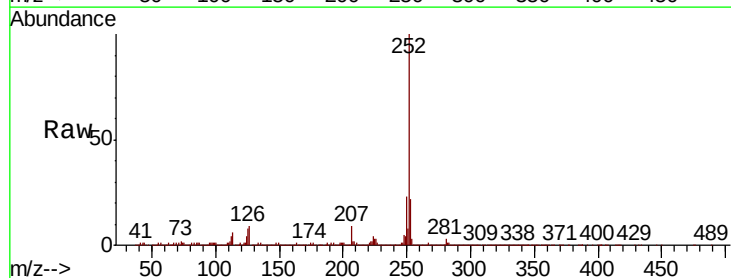
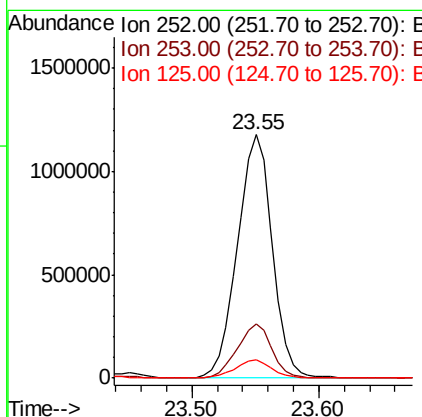
Manual Integrations
APPROVED

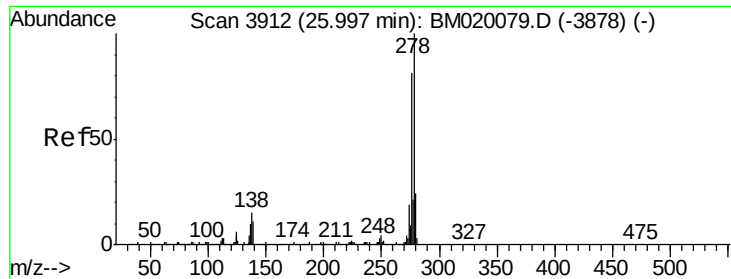
Sohil
5/9/2019 6:44:29 PM



#90
Benzo(a)pyrene
Concen: 51.732 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	7.7	5.5	8.3





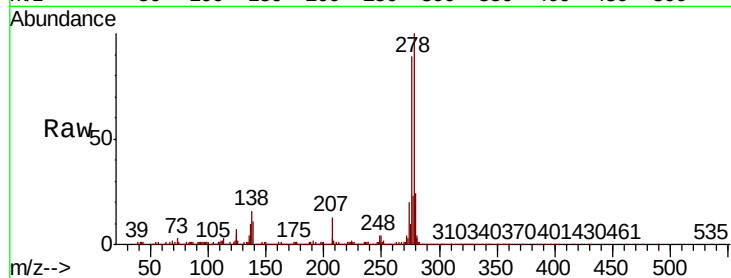
#91
Dibenzo(a,h)anthracene
Concen: 50.851 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Instrument :
BNA_M
ClientSampleId :
SB-2(33.5-35.5)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.6	13.0
279	23.6	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/9/2019 6:44:29 PM

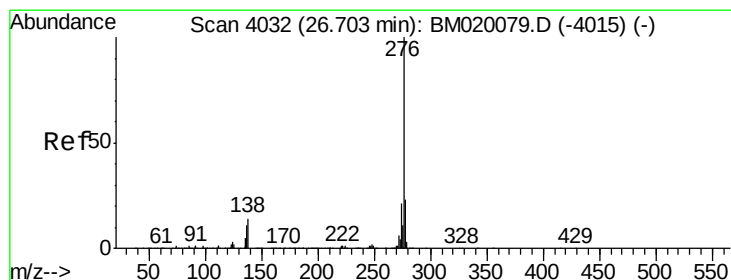
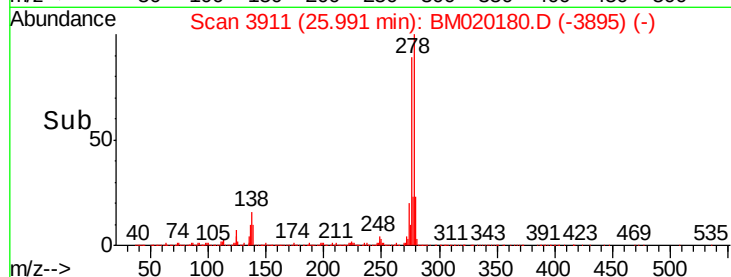
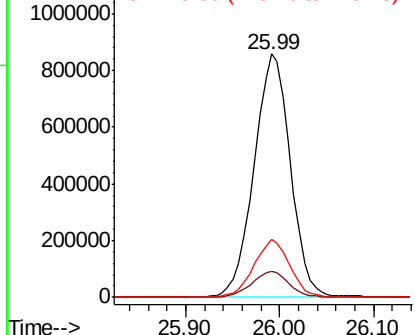


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.505 ng
RT: 26.70 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM020180.D
Acq: 08 May 2019 00:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	13.7	11.1	16.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

