

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020526.D
 Acq On : 23 May 2019 21:22
 Operator : JU/SJ
 Sample : K2642-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Manual Integrations
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Sohil
 5/24/2019 5:01:40 PM

Quant Time: May 24 03:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	60152	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	201097	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	123514	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	313493	20.00	ng	0.00
76) Chrysene-d12	21.28	240	354953	20.00	ng	0.00
87) Perylene-d12	23.52	264	404174	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	457170	124.23	ng	0.00
7) Phenol-d6	6.85	99	534078	106.24	ng	0.00
23) Nitrobenzene-d5	8.84	82	441523	86.68	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	315859	164.75	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	878530	87.51	ng	0.00
79) Terphenyl-d14	19.72	244	1750916	86.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	61882	34.287	ng	# 50
3) Pyridine	3.59	79	134478	29.134	ng	# 88
4) n-Nitrosodimethylamine	3.50	42	43976	29.710	ng	# 51
6) Aniline	7.01	93	90748	14.340	ng	94
8) 2-Chlorophenol	7.23	128	158095	39.456	ng	95
9) Benzaldehyde	6.83	77	104866	27.560	ng	90
10) Phenol	6.87	94	178005	32.890	ng	89
11) bis(2-Chloroethyl)ether	7.10	93	159677	40.593	ng	92
12) 1,3-Dichlorobenzene	7.55	146	165620	35.526	ng	93
13) 1,4-Dichlorobenzene	7.70	146	170477	36.198	ng	96
14) 1,2-Dichlorobenzene	8.02	146	163766	36.499	ng	96
15) Benzyl Alcohol	7.92	79	151302	31.211	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	99879	30.621	ng	87
17) 2-Methylphenol	8.12	107	126840	36.407	ng	95
18) Hexachloroethane	8.73	117	63296	32.233	ng	88
19) n-Nitroso-di-n-propylamine	8.48	70	140091	32.571	ng	92
20) 3+4-Methylphenols	8.45	107	164086	35.437	ng	95
22) Acetophenone	8.50	105	247541	45.040	ng	# 94
24) Nitrobenzene	8.88	77	216634	41.019	ng	96
25) Isophorone	9.40	82	360355	41.025	ng	98
26) 2-Nitrophenol	9.59	139	76322	47.869	ng	93
27) 2,4-Dimethylphenol	9.65	122	126215	47.548	ng	97
28) bis(2-Chloroethoxy)methane	9.89	93	193917	40.534	ng	100
29) 2,4-Dichlorophenol	10.12	162	151831	45.361	ng	97
30) 1,2,4-Trichlorobenzene	10.32	180	185305	44.993	ng	94
31) Naphthalene	10.51	128	435987	41.778	ng	99
32) Benzoic acid	9.78	122	48890m	28.932	ng	
33) 4-Chloroaniline	10.65	127	25641	5.970	ng	97
34) Hexachlorobutadiene	10.77	225	130643	44.841	ng	98
35) Caprolactam	11.45	113	29046m	29.021	ng	
36) 4-Chloro-3-methylphenol	11.76	107	153103	38.923	ng	94
37) 2-Methylnaphthalene	12.13	142	323316	42.497	ng	97
38) 1-Methylnaphthalene	12.35	142	310833	41.781	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	238090	49.270	ng	# 96

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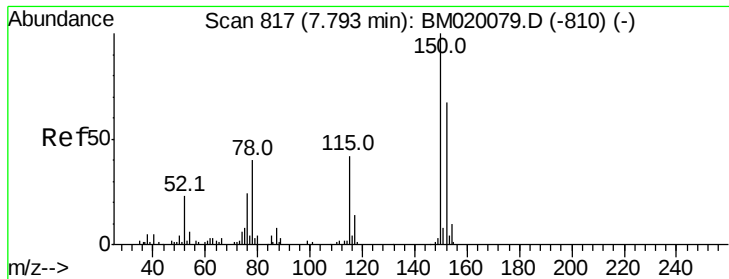
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	196103	68.922	ng	97
43) 2,4,6-Trichlorophenol	12.75	196	142135	51.754	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	149478	48.721	ng	96
46) 1,1'-Biphenyl	13.16	154	435206	42.808	ng	99
47) 2-Chloronaphthalene	13.20	162	351847	43.347	ng	98
48) 2-Nitroaniline	13.43	65	94692	32.768	ng	93
49) Acenaphthylene	14.05	152	527331	40.594	ng	99
50) Dimethylphthalate	13.79	163	442684	42.170	ng	99
51) 2,6-Dinitrotoluene	13.93	165	94863	42.904	ng	90
52) Acenaphthene	14.39	154	313207	42.044	ng	99
53) 3-Nitroaniline	14.26	138	30441	14.834	ng	98
54) 2,4-Dinitrophenol	14.48	184	87293	78.944	ng	86
55) Dibenzofuran	14.73	168	557030	44.330	ng	97
56) 4-Nitrophenol	14.57	139	113053	64.569	ng	90
57) 2,4-Dinitrotoluene	14.72	165	133997	44.600	ng	97
58) Fluorene	15.38	166	440618	42.697	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	148349	50.882	ng	# 91
60) Diethylphthalate	15.16	149	430617	40.715	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	274093	46.876	ng	92
62) 4-Nitroaniline	15.43	138	67822m	29.948	ng	
63) Azobenzene	15.67	77	467014	37.430	ng	97
65) 4,6-Dinitro-2-methylphenol	15.49	198	65300	42.285	ng	88
66) n-Nitrosodiphenylamine	15.60	169	383866	41.613	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	174889	45.494	ng	# 89
68) Hexachlorobenzene	16.38	284	206331	46.642	ng	# 93
69) Atrazine	16.55	200	147044	40.789	ng	99
70) Pentachlorophenol	16.73	266	232000	91.660	ng	96
71) Phenanthrene	17.13	178	737903	42.641	ng	99
72) Anthracene	17.22	178	736793	42.584	ng	99
73) Carbazole	17.50	167	627411	40.188	ng	99
74) Di-n-butylphthalate	18.04	149	715761	38.097	ng	99
75) Fluoranthene	19.15	202	977502	44.644	ng	98
77) Benzidine	19.35	184	12166	1.072	ng	# 95
78) Pyrene	19.52	202	989824	41.535	ng	99
80) Butylbenzylphthalate	20.41	149	319667	36.886	ng	99
81) Benzo(a)anthracene	21.26	228	1012880	40.690	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	190821	20.085	ng	# 98
83) Chrysene	21.31	228	1010792	41.869	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	473184	35.187	ng	# 97
85) Di-n-octyl phthalate	22.06	149	852392	38.137	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.80	276	1349599	46.998	ng	# 100
88) Benzo(b)fluoranthene	22.84	252	1100068	41.217	ng	99
89) Benzo(k)fluoranthene	22.89	252	1098512m	45.121	ng	
90) Benzo(a)pyrene	23.43	252	1053742	43.466	ng	98
91) Dibenzo(a,h)anthracene	25.81	278	1162929	46.127	ng	# 98
92) Benzo(g,h,i)perylene	26.50	276	1135245	47.429	ng	96

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



#1

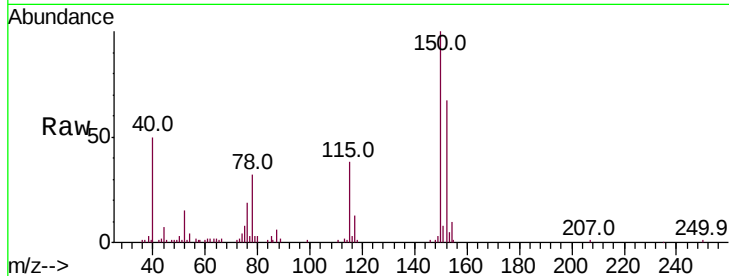
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
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OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.8	179.8
115	57.2	50.8	76.2

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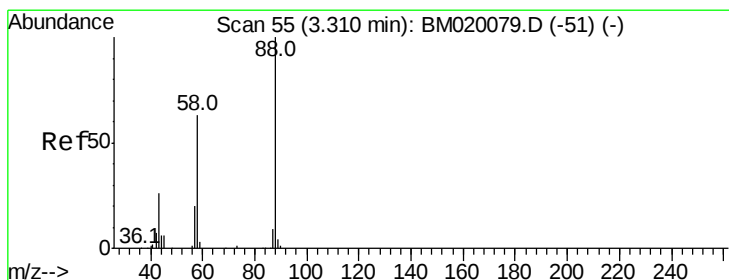
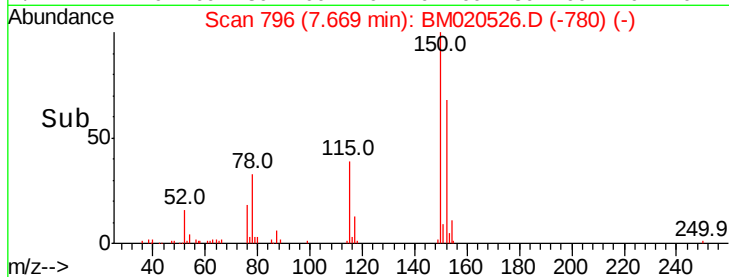
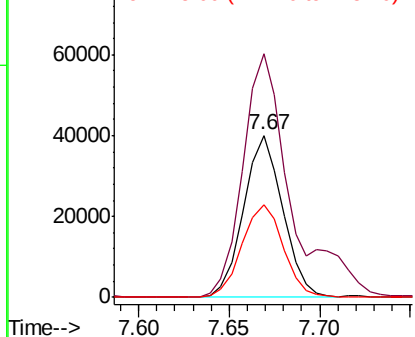


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

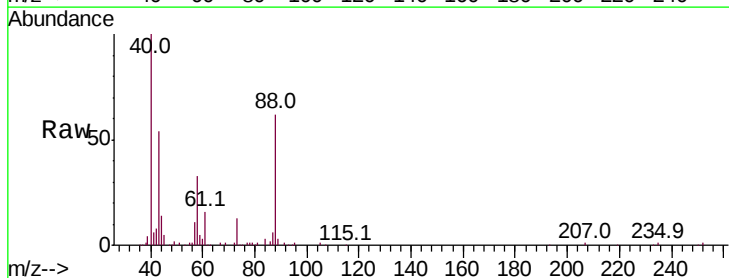
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.287 ng
RT: 3.19 min Scan# 34
Delta R.T. 0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.6	51.8	77.6#
43	92.7	20.3	30.5#

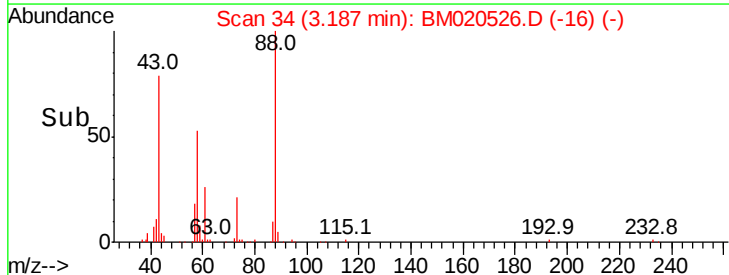
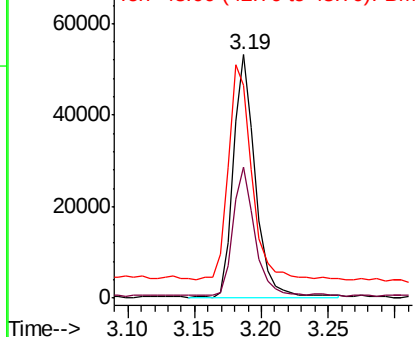


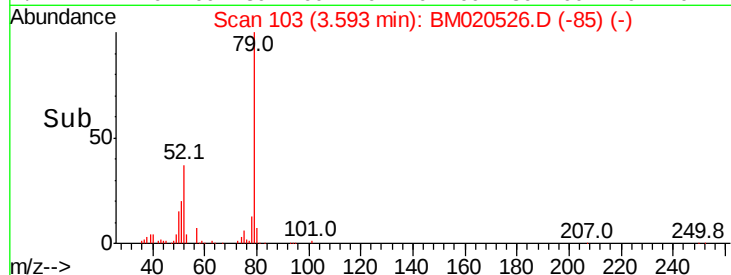
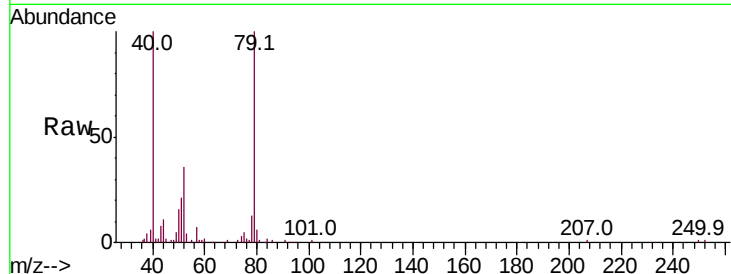
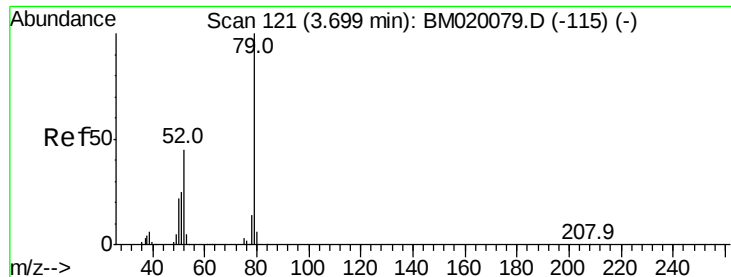
Abundance

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: 29.134 ng

RT: 3.59 min Scan# 103

Delta R.T. 0.01 min

Lab File: BM020526.D

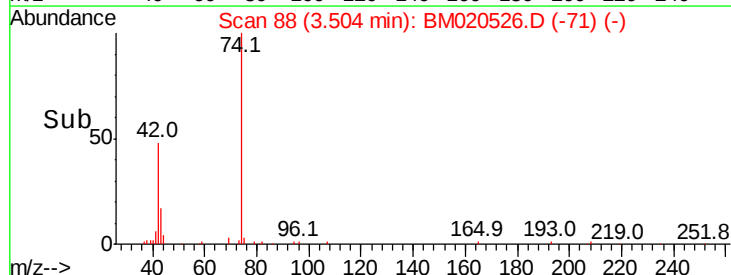
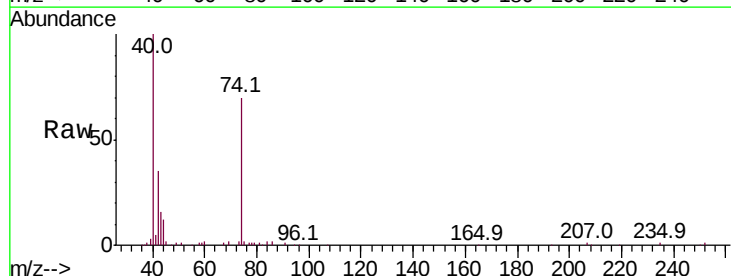
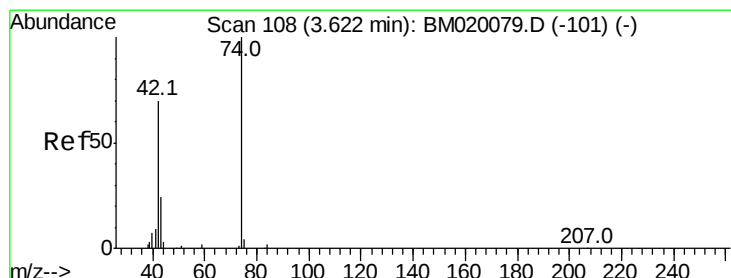
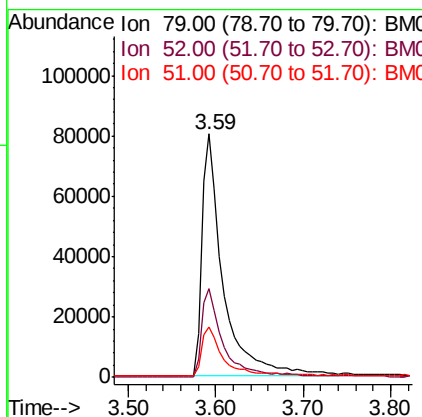
Acq: 23 May 2019 21:22

Tot Ion	Ratio	Lower	Upper
79	100		
52	36.3	35.7	53.5
51	20.6	20.8	31.2#

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#4

n-Nitrosodimethylamine

Concen: 29.710 ng

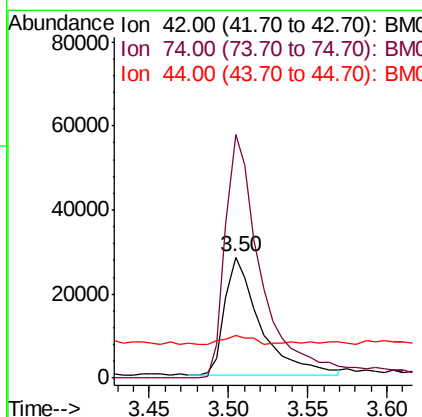
RT: 3.50 min Scan# 88

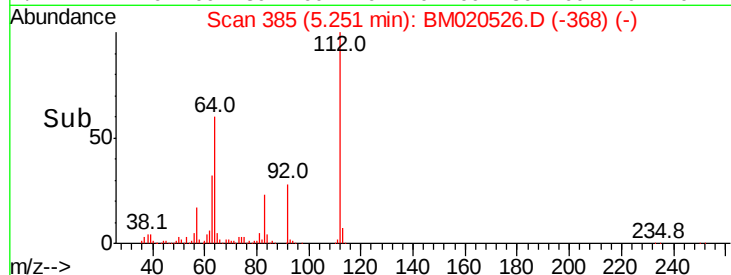
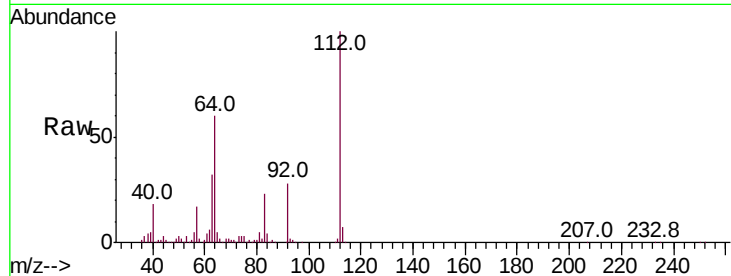
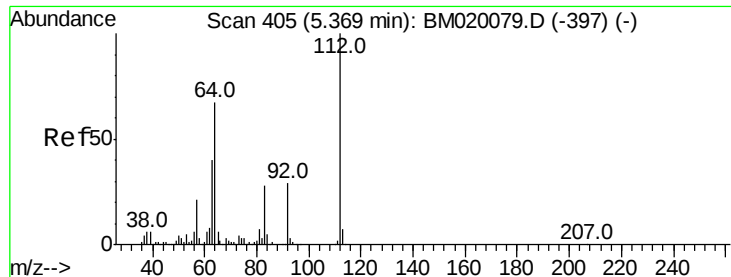
Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	200.9	113.7	170.5#
44	35.4	3.9	5.9#





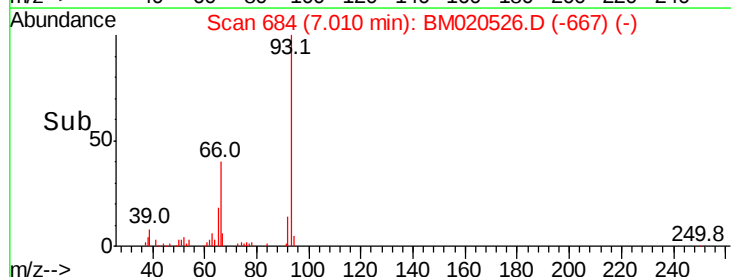
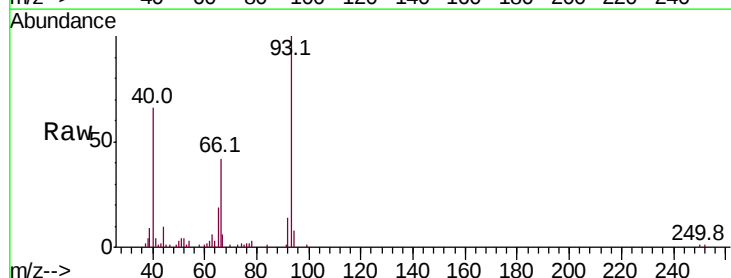
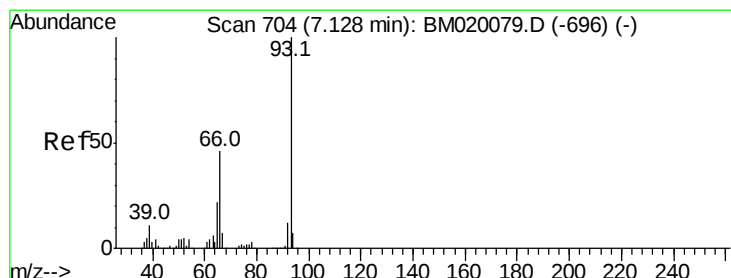
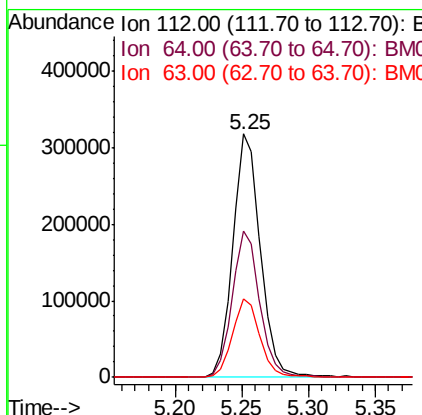
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2-Fluorophenol
Concen: 124.233 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.1	53.8	80.6
63	32.3	32.3	48.5

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

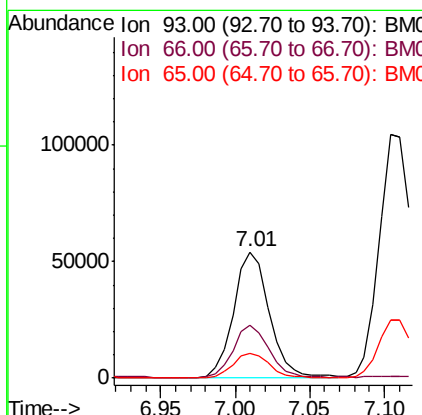
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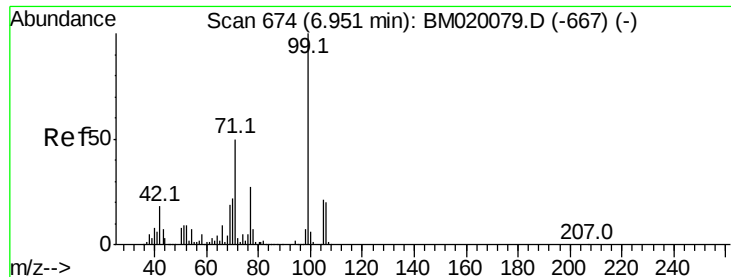
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#6
Aniline
Concen: 14.340 ng
RT: 7.01 min Scan# 684
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.8	36.6	54.8
65	19.3	17.8	26.6





#7

Phenol-d6

Concen: 106.235 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

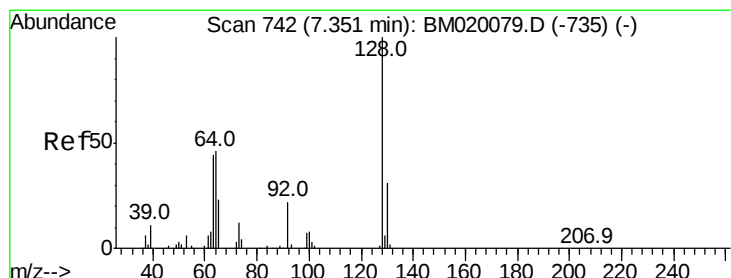
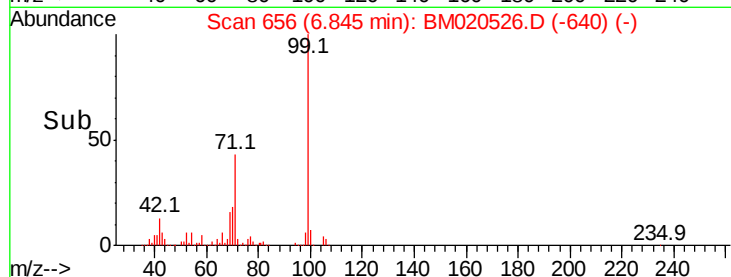
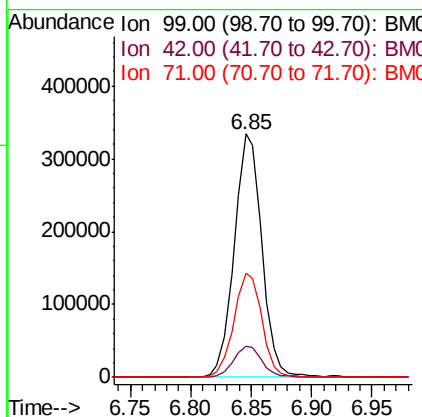
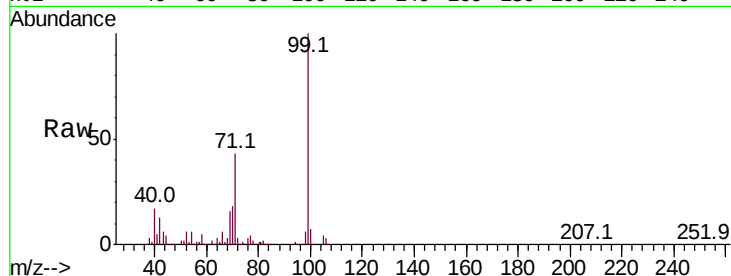
ClientSampleId :

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Tot Ion:	99	Resp:	534078
Ion Ratio	Lower	Upper	
99	100		
42	12.6	14.2	21.2#
71	43.0	40.3	60.5

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#8

2-Chlorophenol

Concen: 39.456 ng

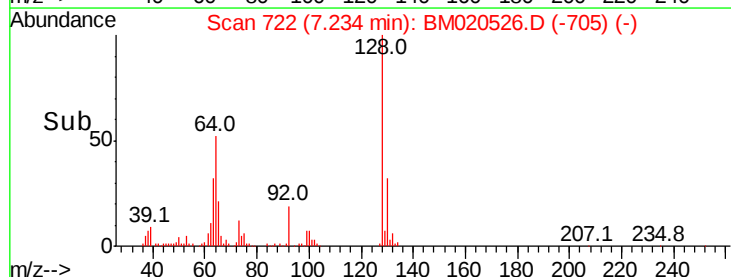
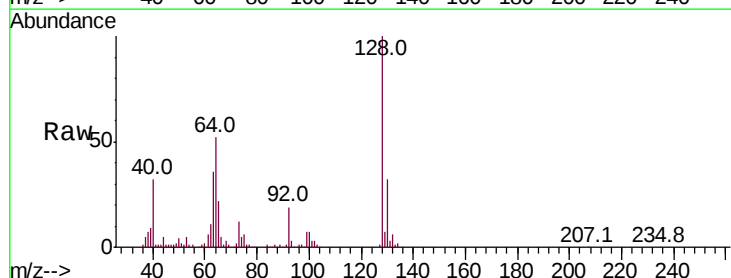
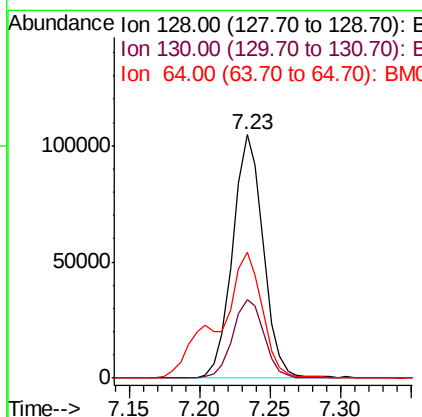
RT: 7.23 min Scan# 722

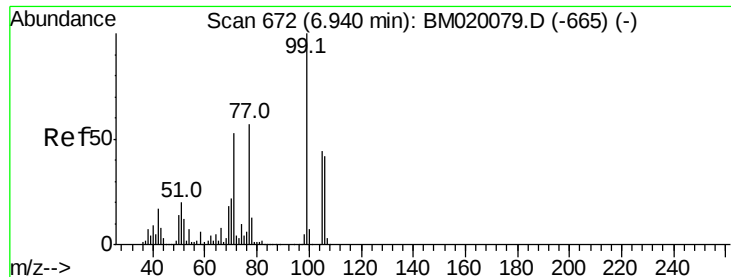
Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	128	Resp:	158095
Ion Ratio	Lower	Upper	
128	100		
130	32.1	10.8	50.8
64	51.7	36.5	76.5





#9

Benzaldehyde

Concen: 27.560 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

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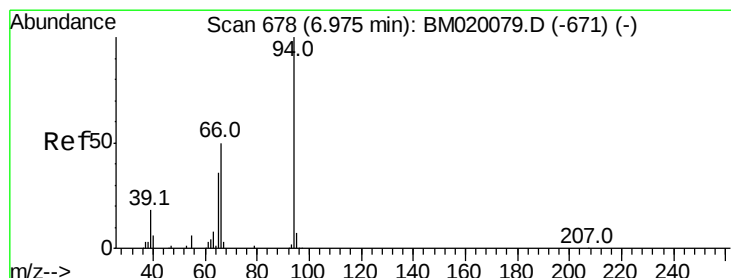
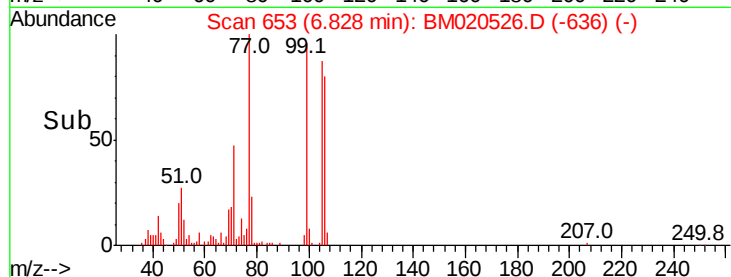
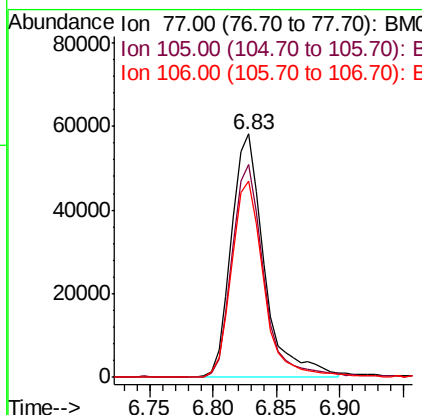
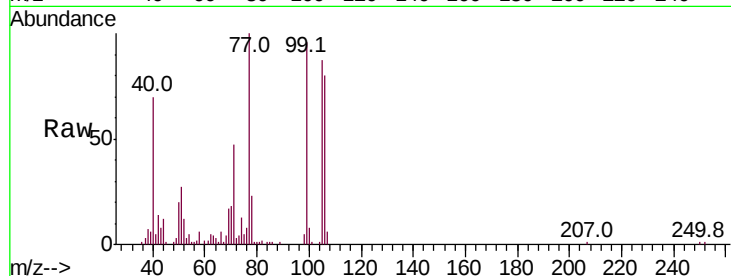
ClientSampleId :

OK-01-052119MS

Tot Ion:	77	Resp:	104866
Ion	Ratio	Lower	Upper
77	100		
105	87.4	57.8	97.8
106	80.5	53.6	93.6

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#10

Phenol

Concen: 32.890 ng

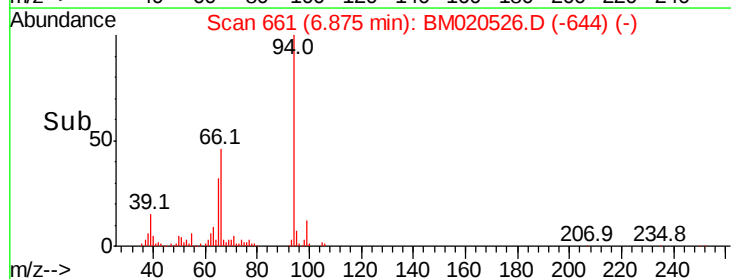
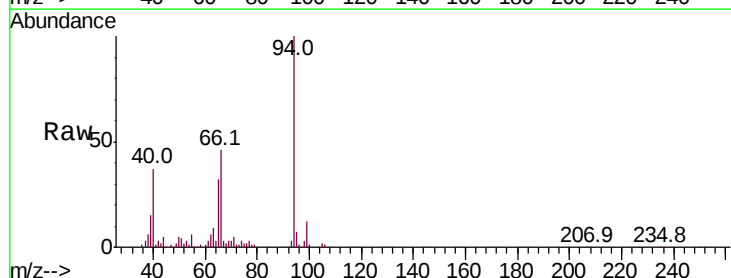
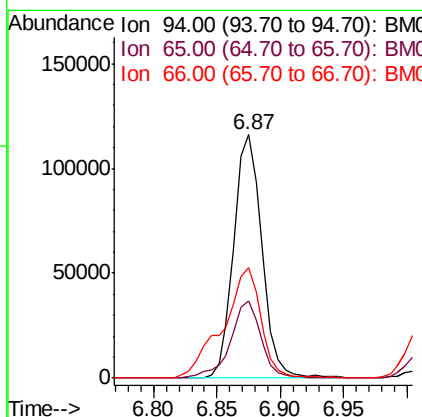
RT: 6.87 min Scan# 661

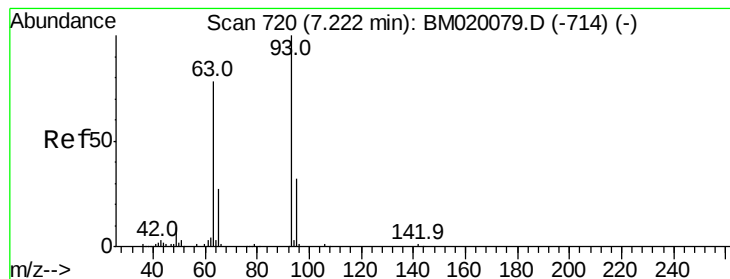
Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	94	Resp:	178005
Ion	Ratio	Lower	Upper
94	100		
65	31.7	17.0	57.0
66	45.6	34.5	74.5





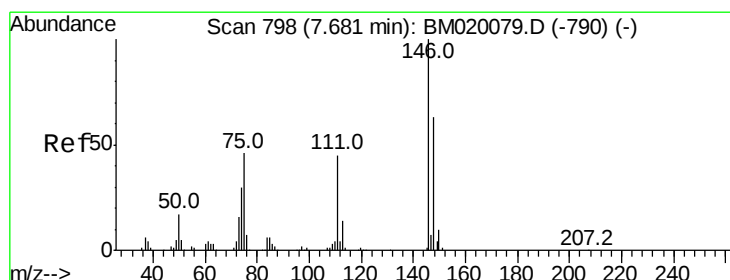
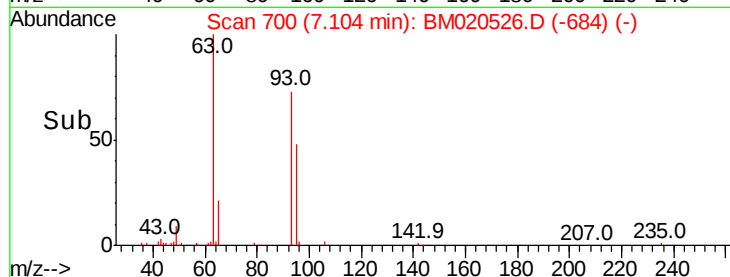
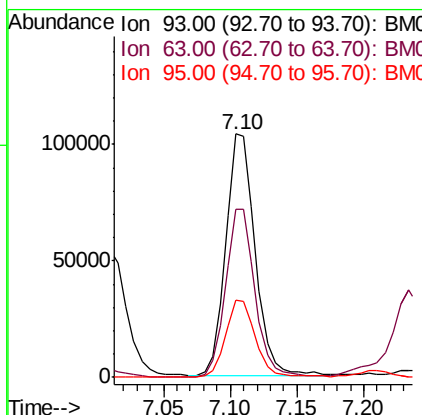
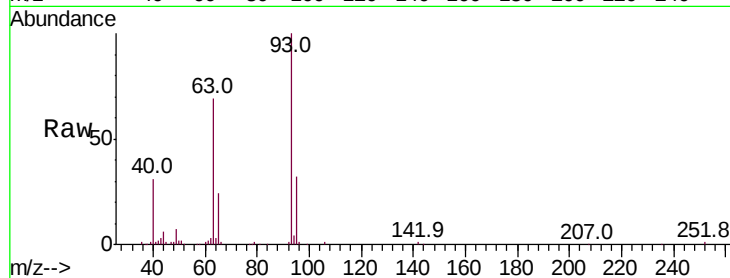
#11
bis(2-Chloroethyl)ether
Concen: 40.593 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	159677		
63	68.9	57.9	97.9	
95	32.0	11.3	51.3	

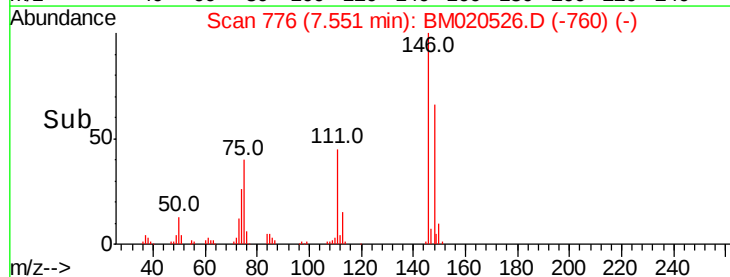
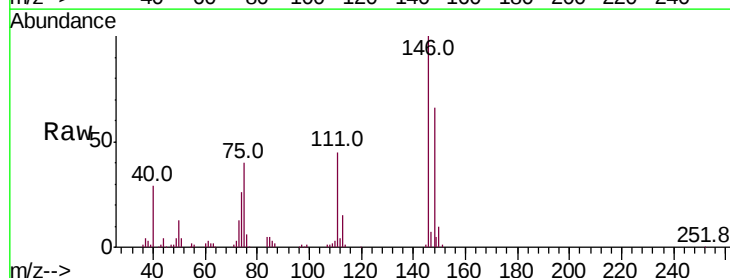
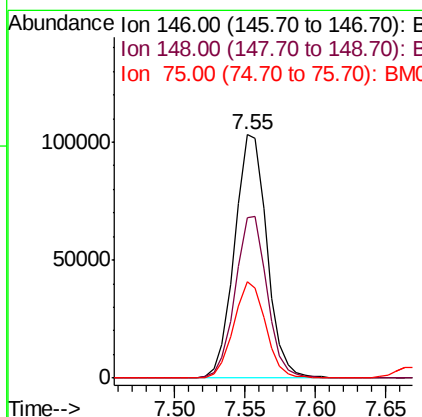
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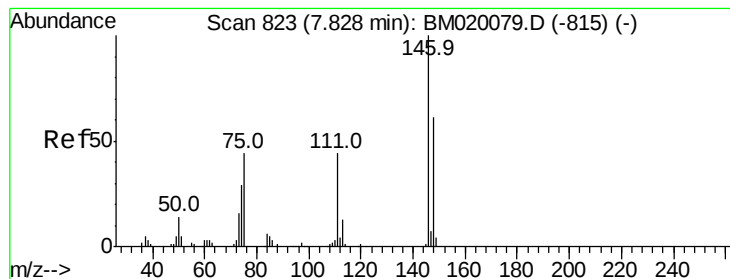
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.526 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	165620		
148	65.8	50.1	75.1	
75	39.5	37.2	55.8	





#13

1,4-Dichlorobenzene

Concen: 36.198 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

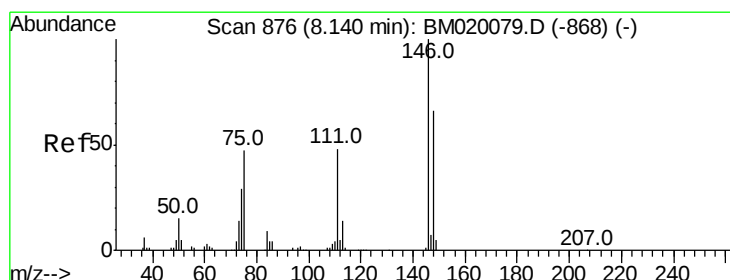
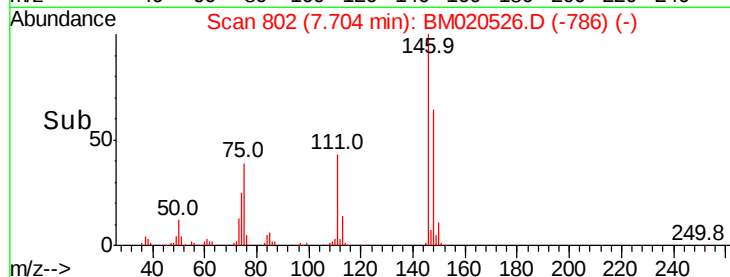
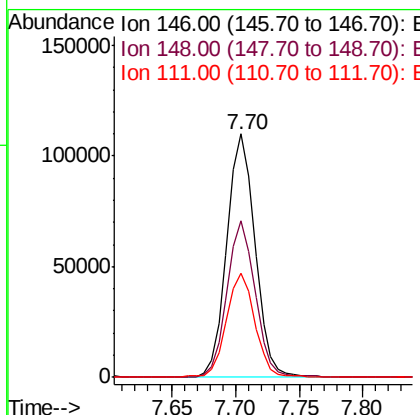
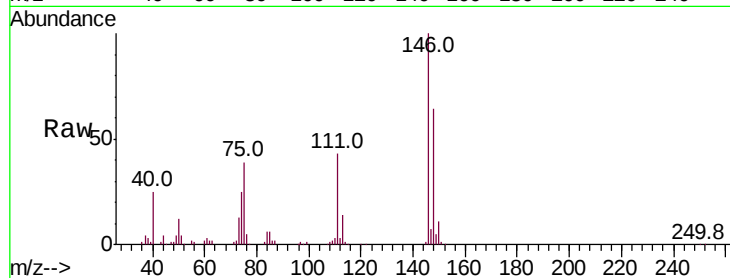
ClientSampled :

OK-01-052119MS

Tot Ion:	146	Resp:	170477
Ion Ratio	Lower	Upper	
146	100		
148	64.2	48.5	72.7
111	43.0	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 36.499 ng

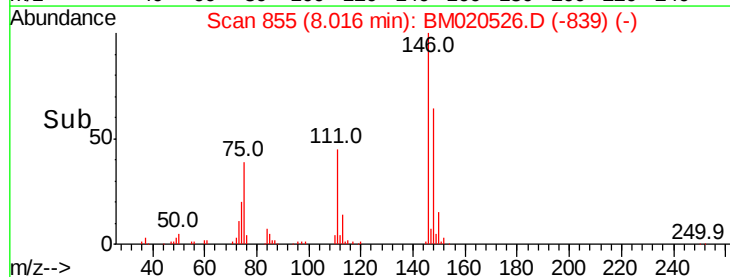
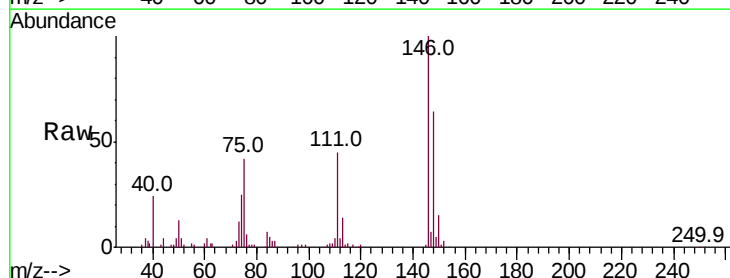
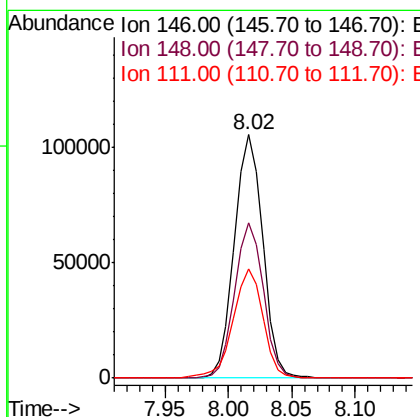
RT: 8.02 min Scan# 855

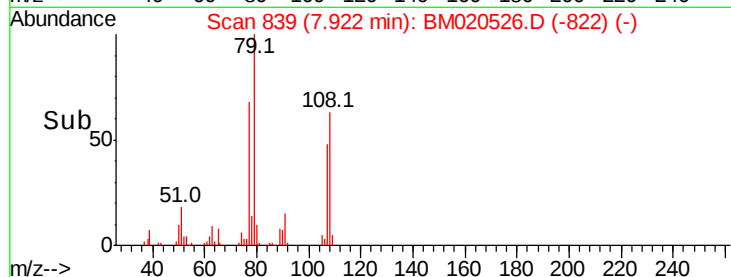
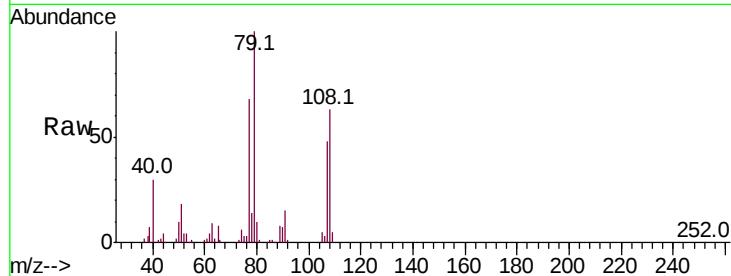
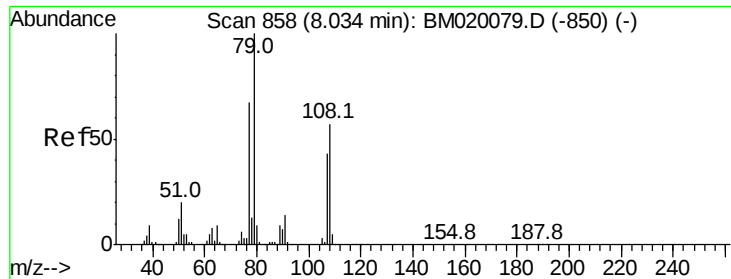
Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	146	Resp:	163766
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.6	79.0
111	45.1	39.0	58.4





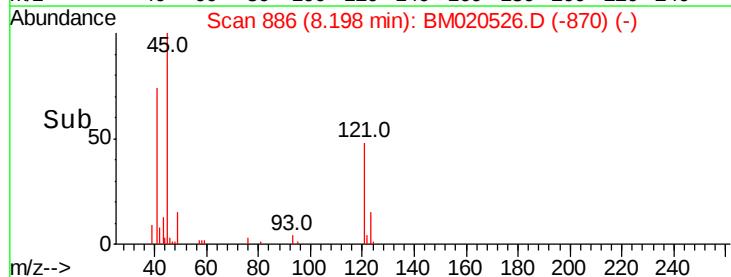
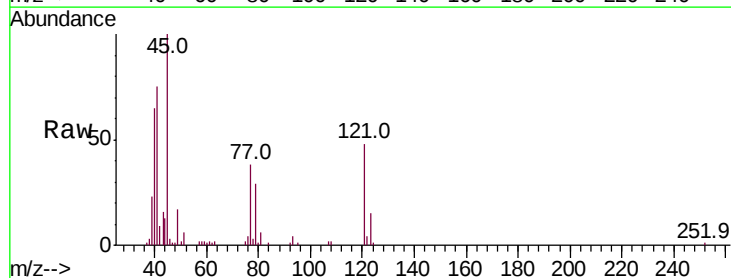
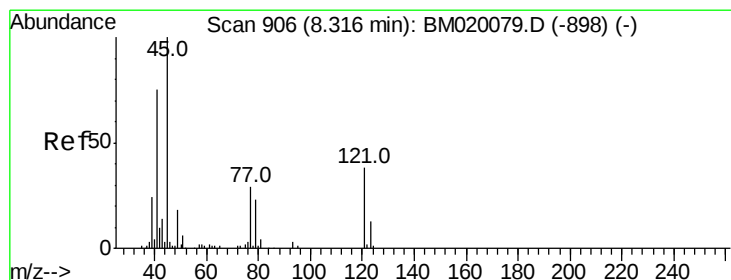
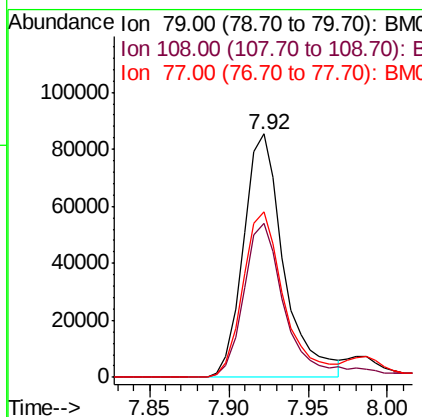
#15
Benzyl Alcohol
Concen: 31.211 ng
RT: 7.92 min Scan# 839
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.5	46.0	69.0
77	67.9	53.8	80.6

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

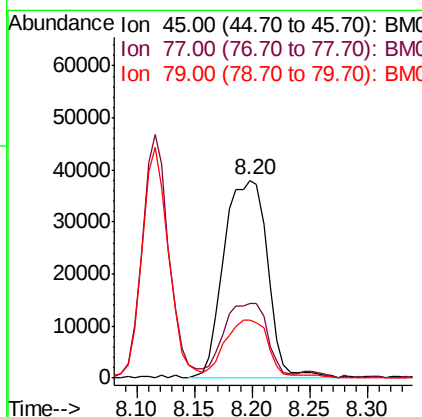
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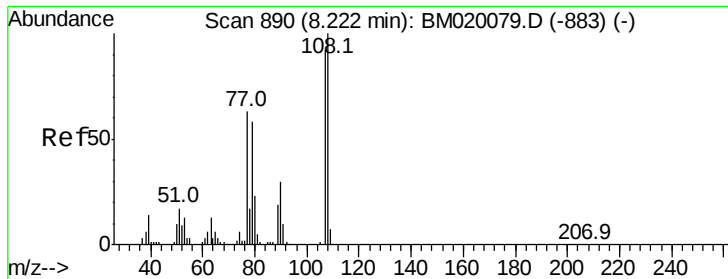
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.621 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.7	10.5	50.5
79	29.1	3.3	43.3





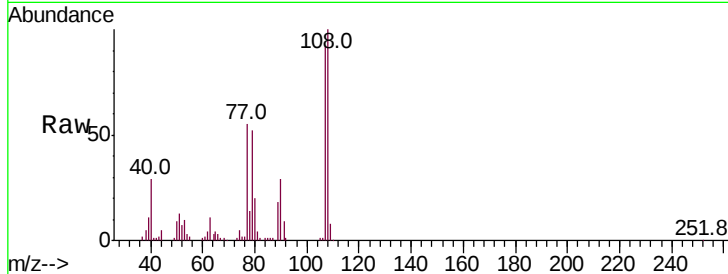
#17
2-Methylphenol
Concen: 36.407 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	87.0	130.4	
77	59.5	54.7	82.1	
79	56.3	50.1	75.1	

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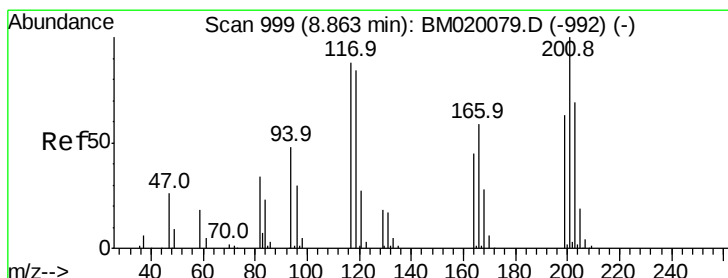
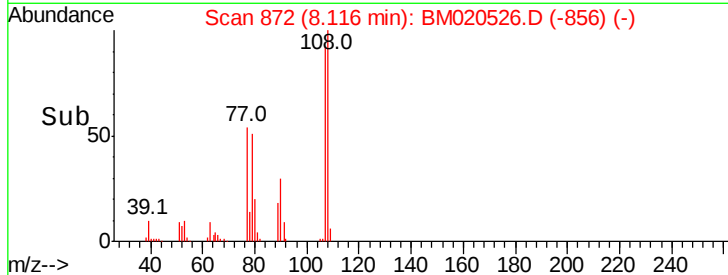
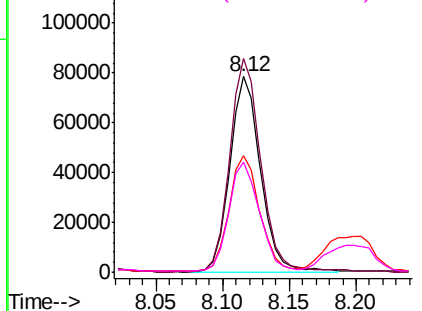
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 32.233 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

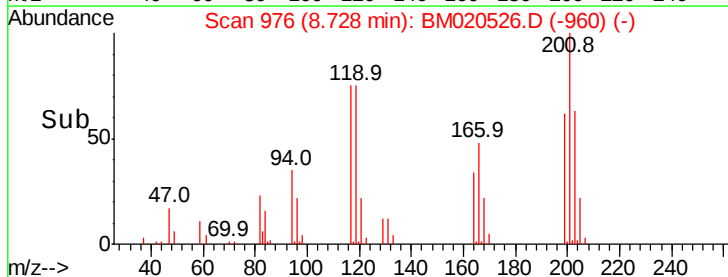
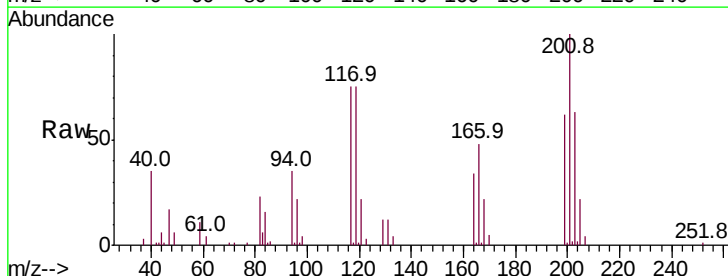
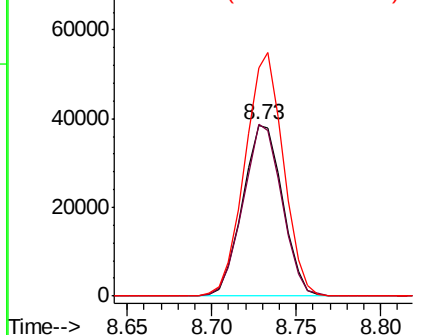
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.6	76.6	114.8	
201	133.4	90.7	136.1	

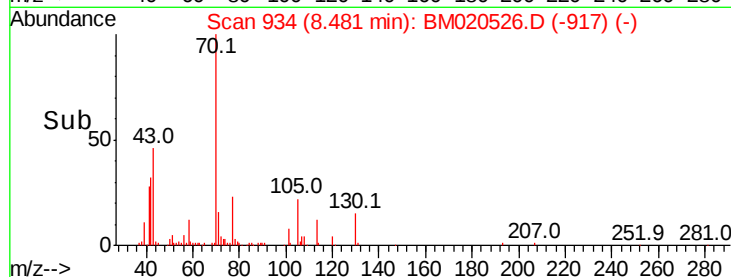
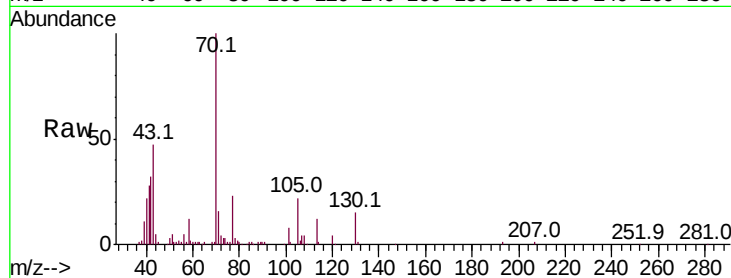
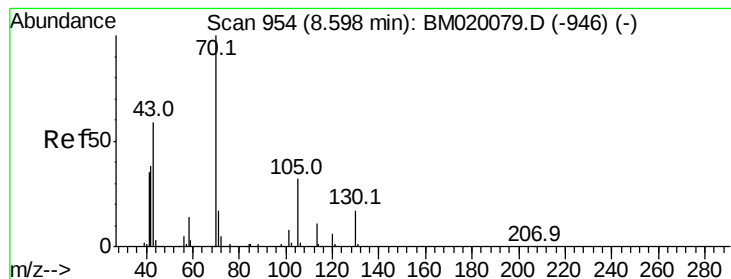
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.571 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

ClientSampleId :

OK-01-052119MS

Tot Ion: 70 Resp: 140091

Ion Ratio Lower Upper

70 100

42 31.8 31.0 46.4

101 8.4 6.2 9.2

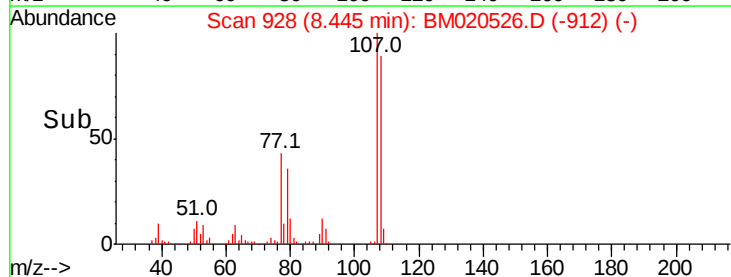
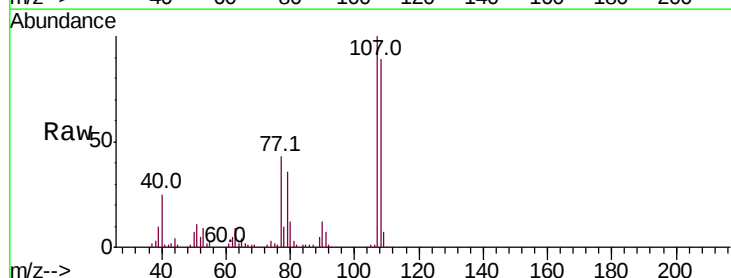
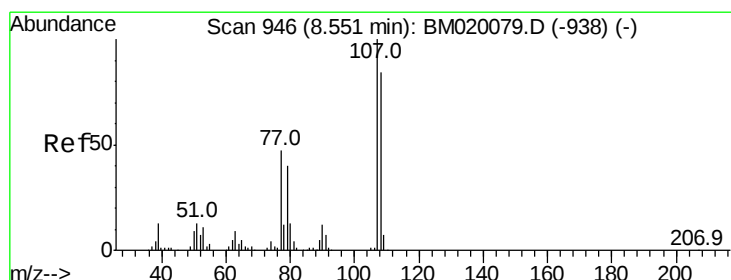
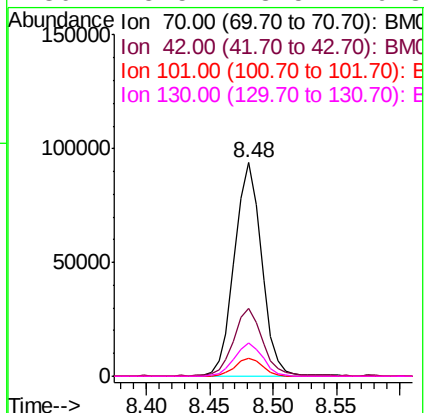
130 15.5 13.5 20.3

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#20

3+4-Methylphenols

Concen: 35.437 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion: 107 Resp: 164086

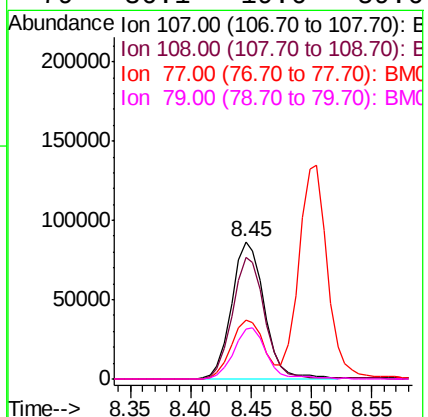
Ion Ratio Lower Upper

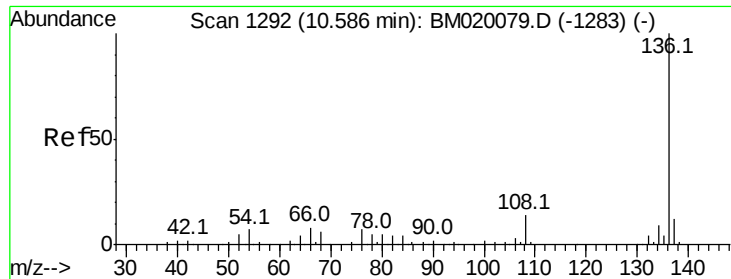
107 100

108 88.8 64.4 104.4

77 43.0 27.2 67.2

79 36.1 19.6 59.6





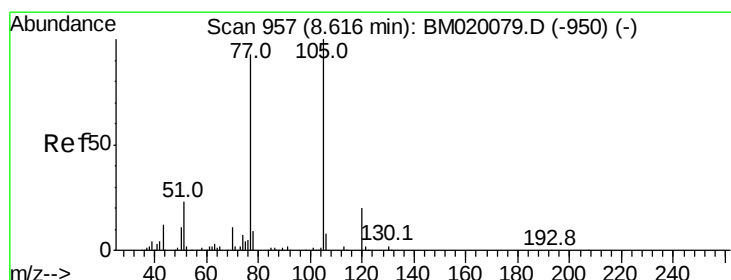
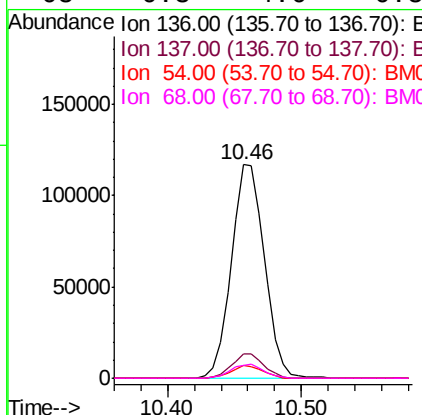
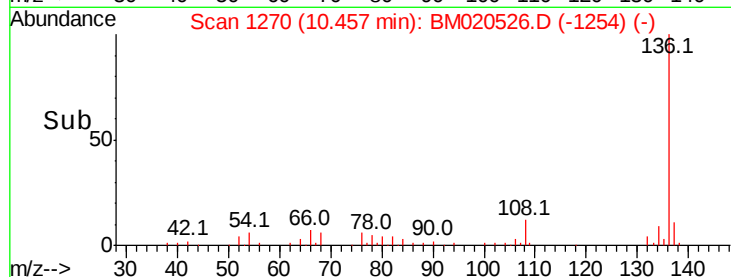
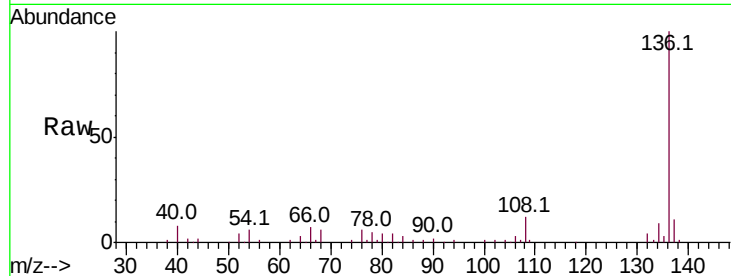
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	201097		
137	11.2		9.6	14.4
54	6.3		5.5	8.3
68	6.3		4.6	6.8

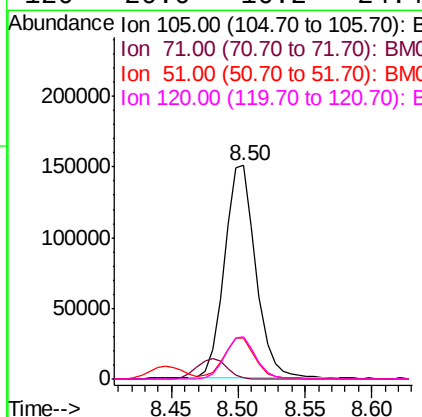
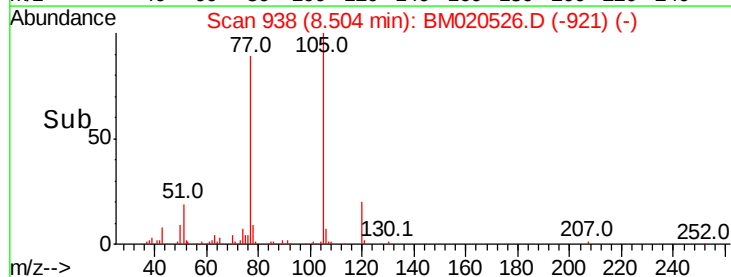
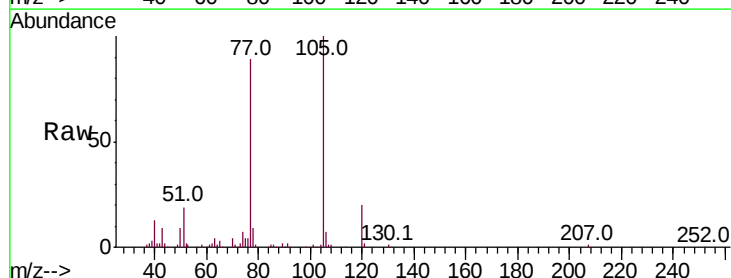
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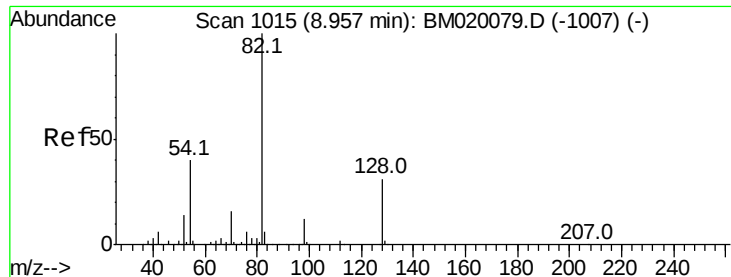
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#22
Acetophenone
Concen: 45.040 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247541		
71	0.6		2.2	3.2#
51	19.1		19.3	28.9#
120	20.0		16.2	24.4





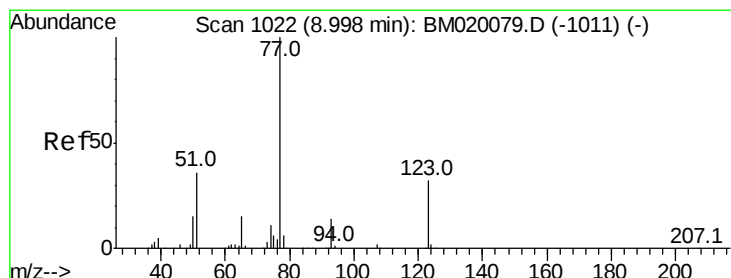
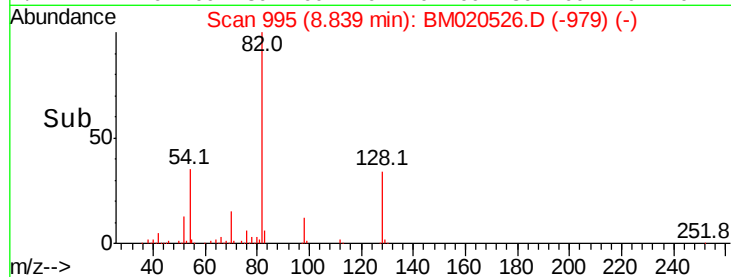
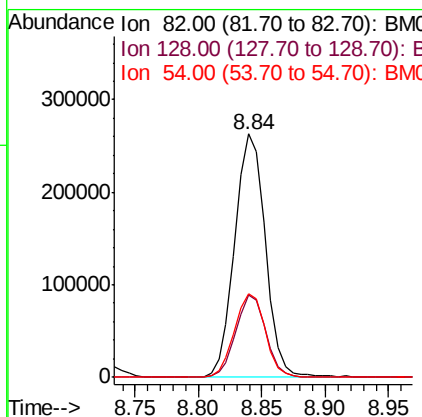
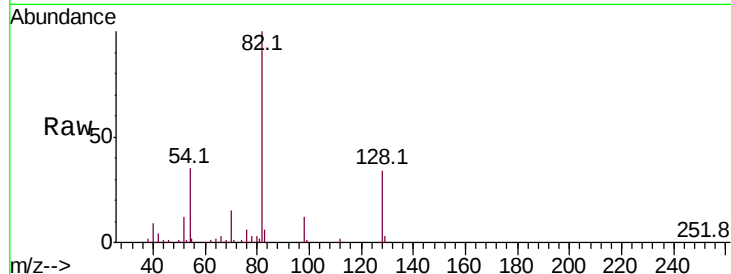
#23
Nitrobenzene-d5
Concen: 86.681 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.2	37.8
54	34.5	31.9	47.9

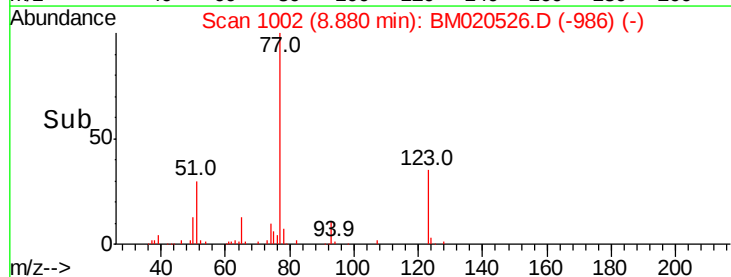
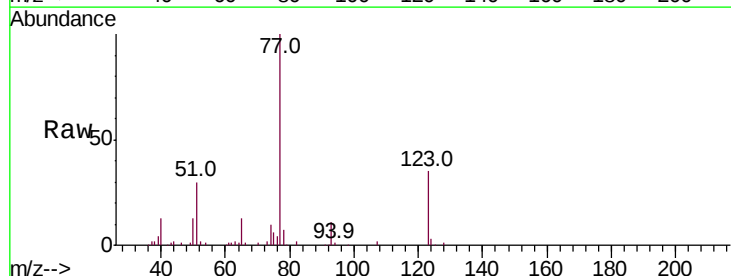
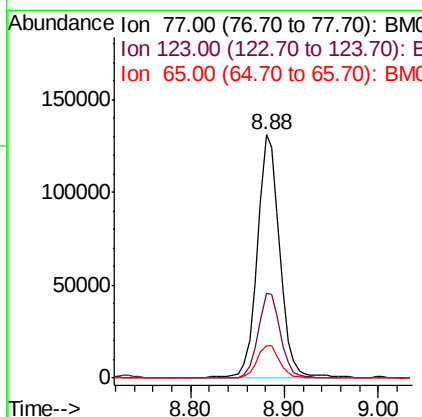
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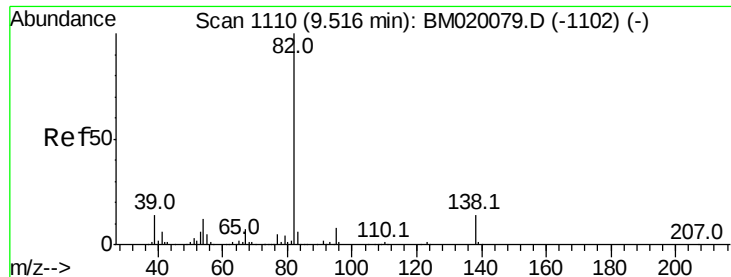
Sohil
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#24
Nitrobenzene
Concen: 41.019 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.7	25.5	38.3
65	13.4	11.8	17.6





#25

Isophorone

Concen: 41.025 ng

RT: 9.40 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

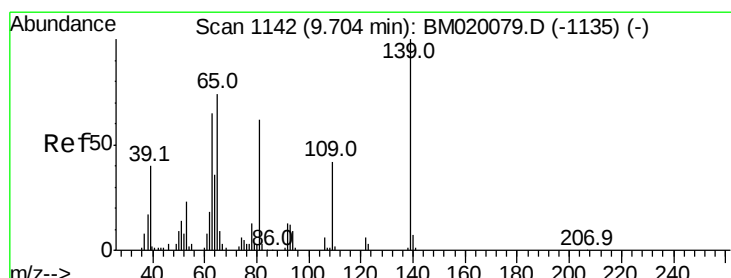
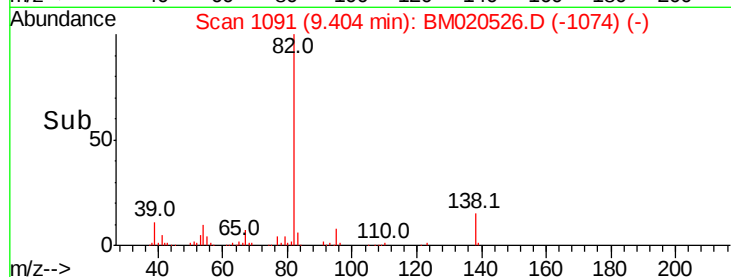
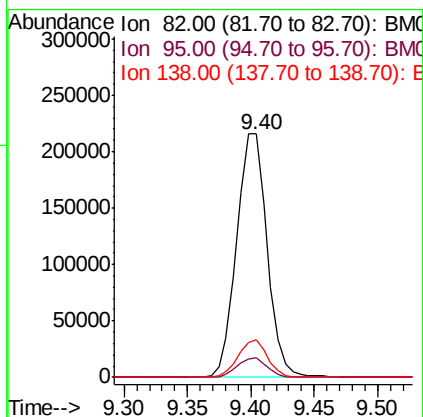
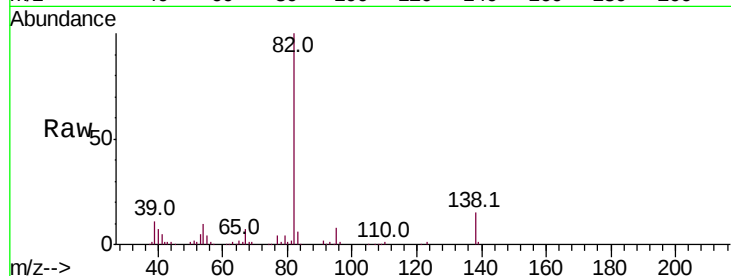
ClientSampleId :

OK-01-052119MS

Tot Ion:	82	Resp:	360355
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.4	9.6
138	15.2	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.869 ng

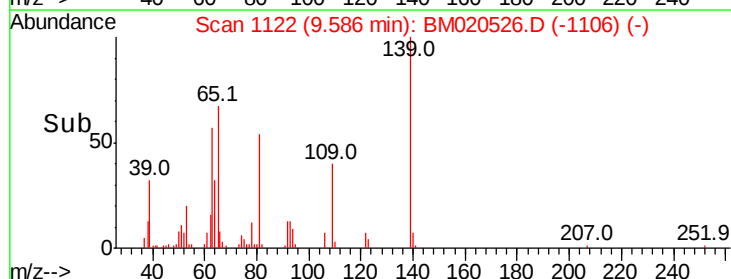
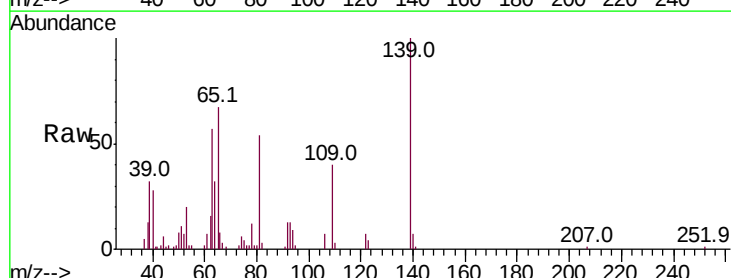
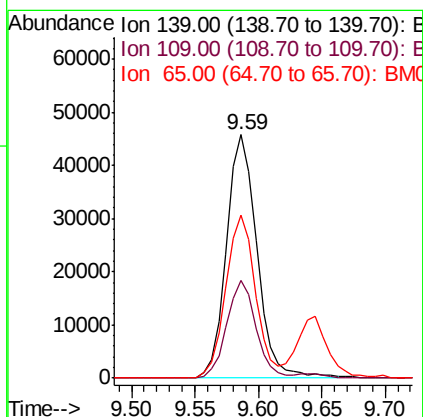
RT: 9.59 min Scan# 1122

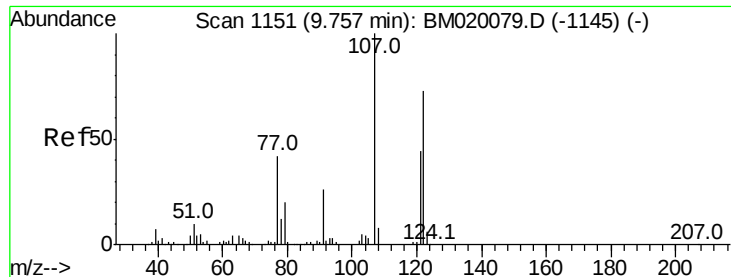
Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	139	Resp:	76322
Ion Ratio	Lower	Upper	
139	100		
109	40.0	33.7	50.5
65	67.2	59.5	89.3





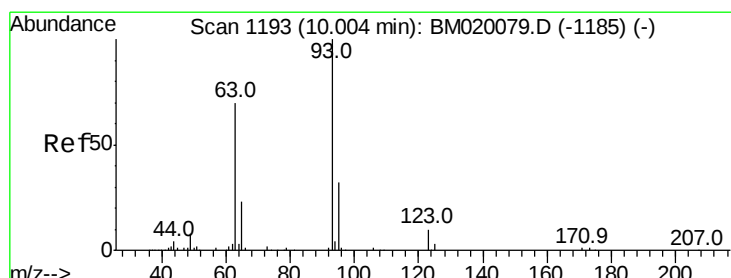
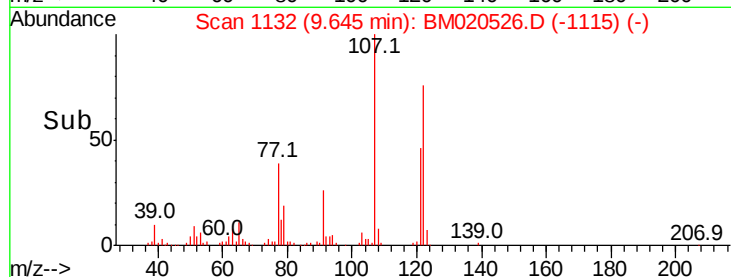
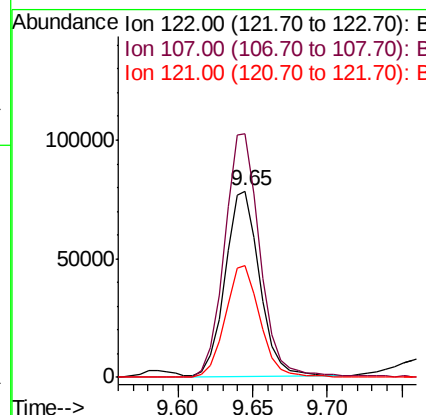
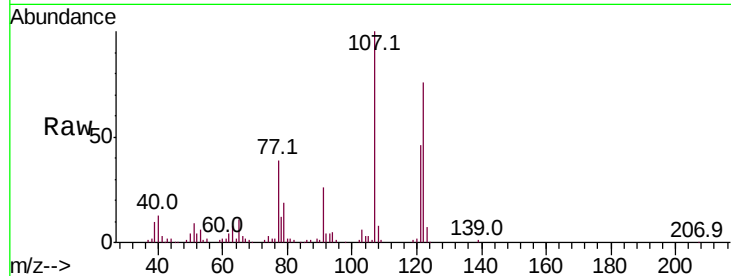
#27
2,4-Dimethylphenol
Concen: 47.548 ng
RT: 9.65 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.8	108.6	162.8
121	59.9	47.4	71.2

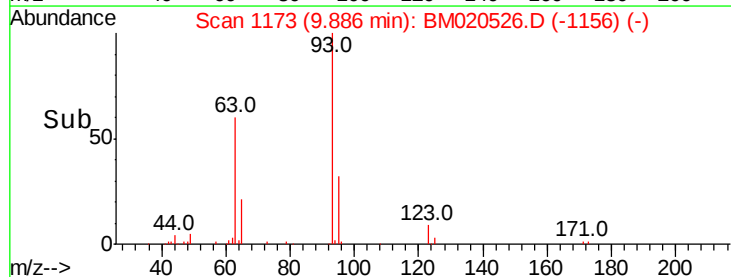
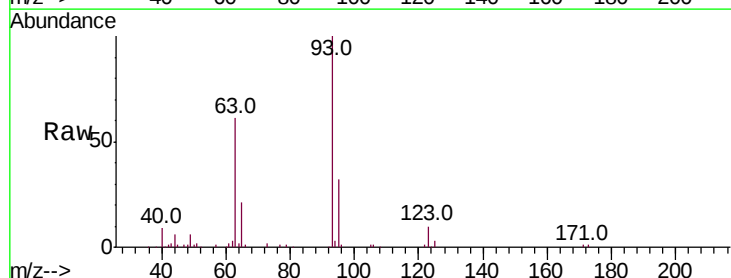
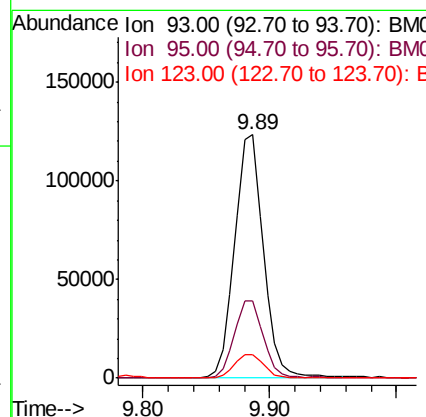
Manual Integrations
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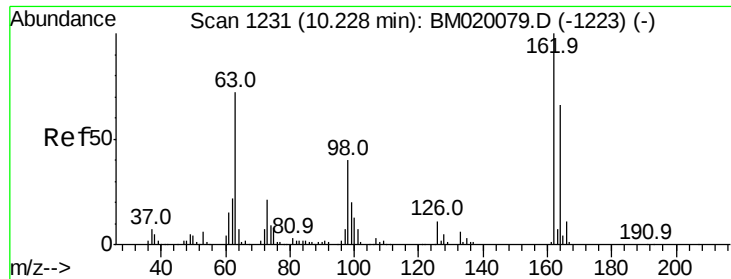
Sohil
5/24/2019 5:01:40 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.534 ng
RT: 9.89 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	9.8	7.6	11.4





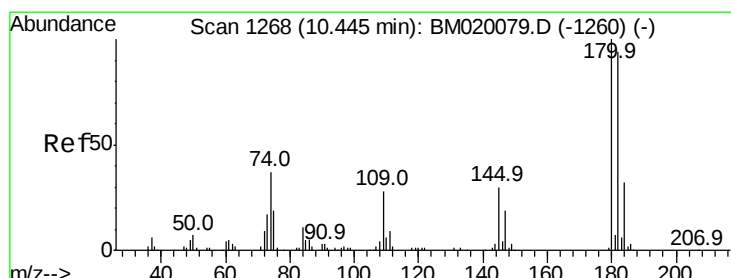
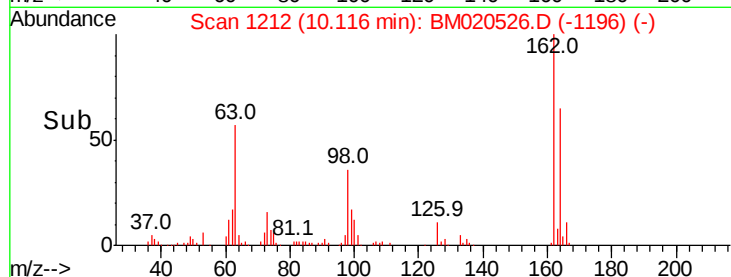
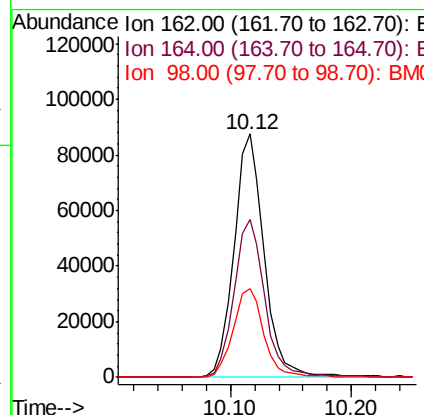
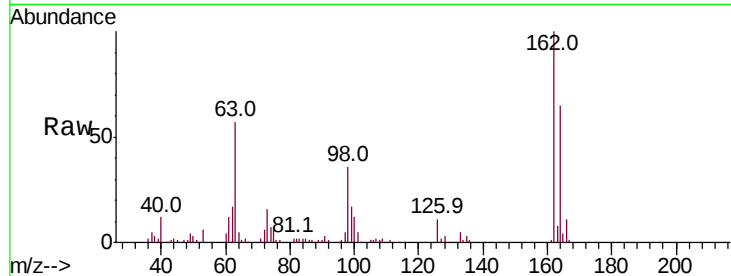
#29
2,4-Dichlorophenol
Concen: 45.361 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	151831		
164	65.1	45.6	85.6	
98	36.4	20.4	60.4	

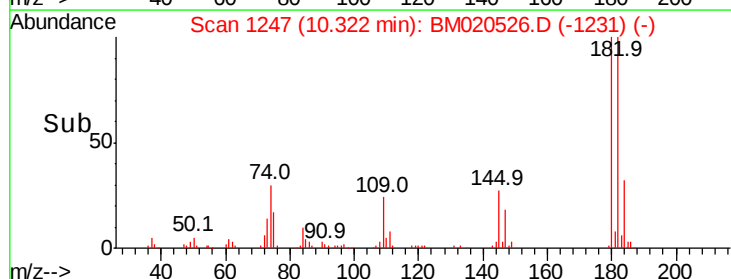
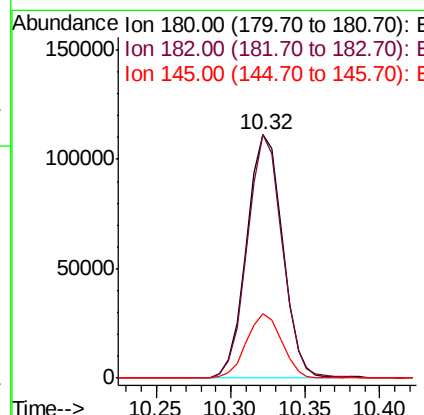
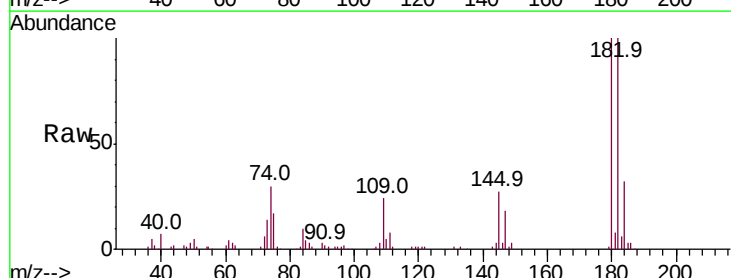
Manual Integrations
APPROVED

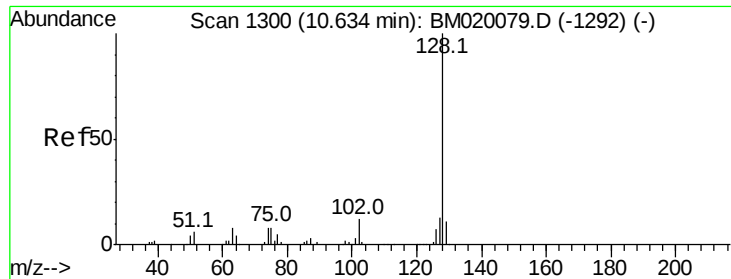
Sohil
5/24/2019 5:01:40 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.993 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	185305		
182	100.2	75.4	113.0	
145	26.7	23.8	35.8	





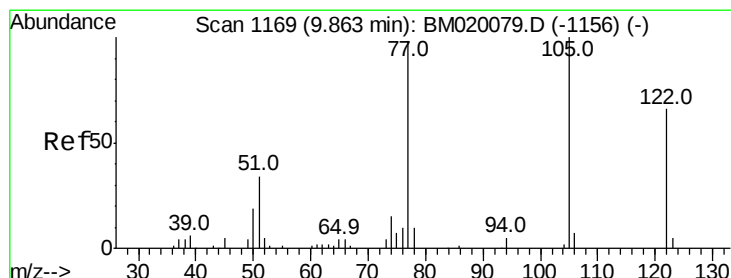
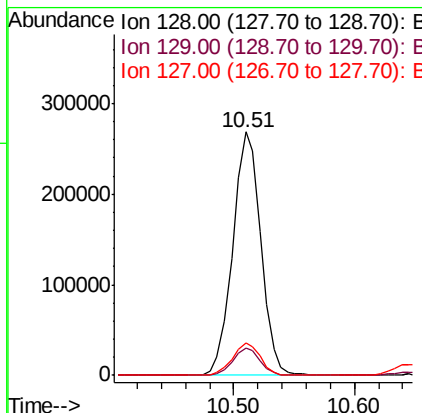
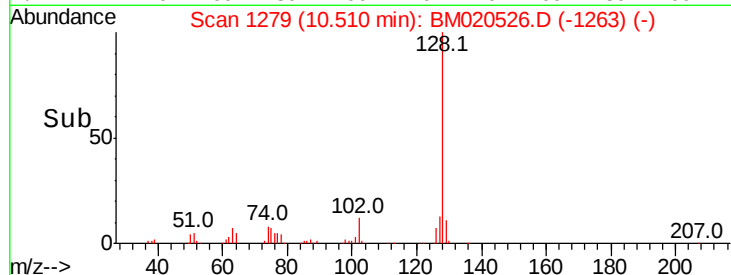
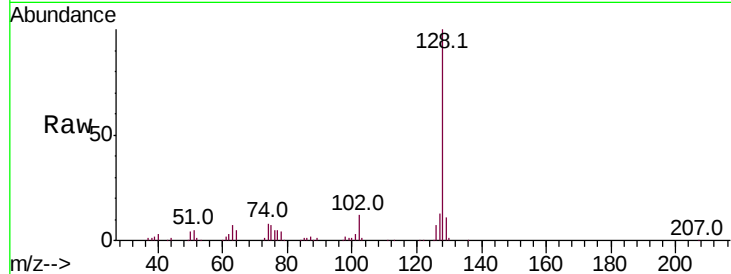
#31
Naphthalene
Concen: 41.778 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.4	15.6

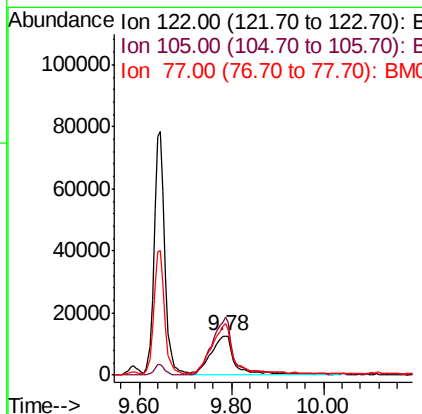
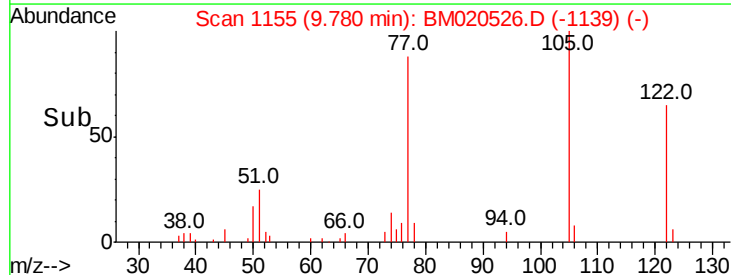
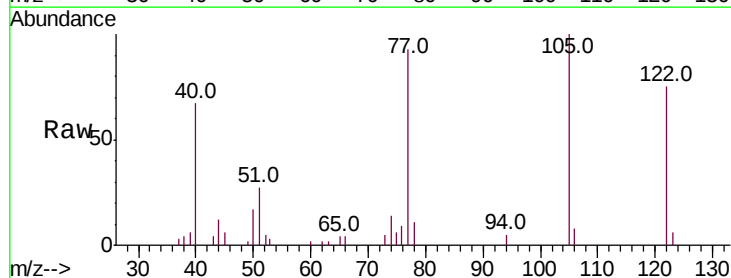
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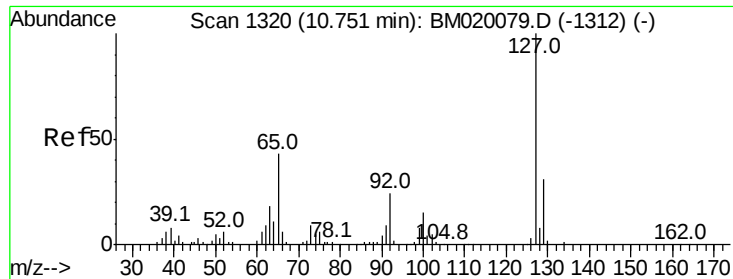
Sohil
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#32
Benzoic acid
Concen: 28.932 ng m
RT: 9.78 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.0	122.5	162.5
77	125.1	123.3	163.3





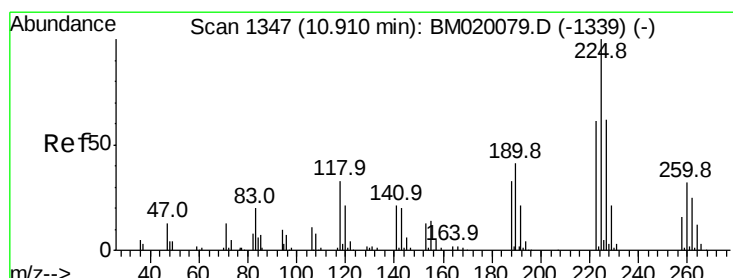
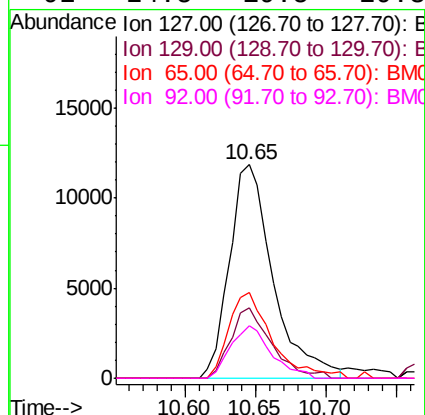
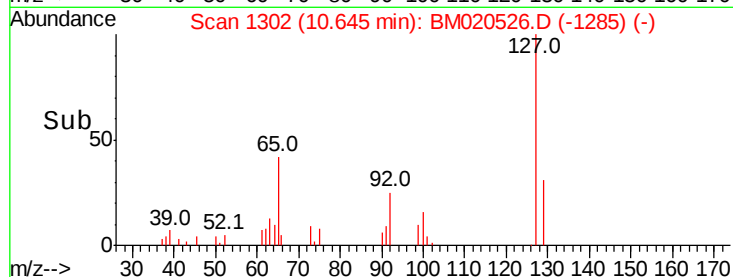
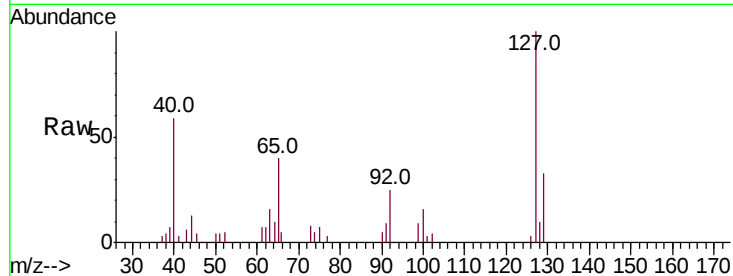
#33
4-Chloroaniline
Concen: 5.970 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.7	37.1
65	40.3	34.6	52.0
92	24.5	19.5	29.3

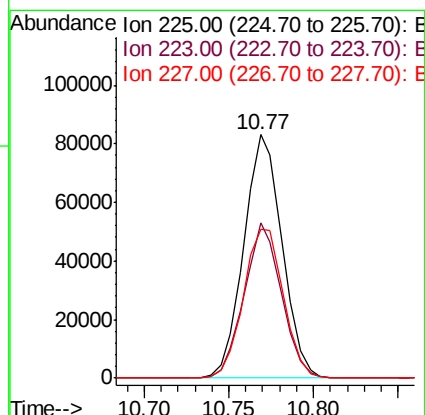
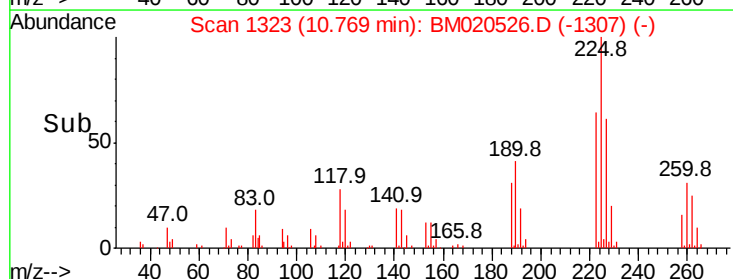
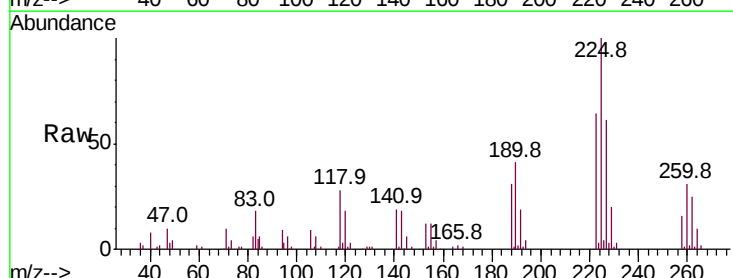
Manual Integrations
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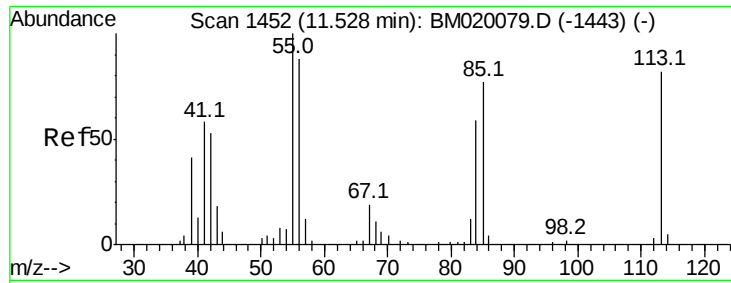
Sohil
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#34
Hexachlorobutadiene
Concen: 44.841 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.9	73.3
227	61.0	49.6	74.4





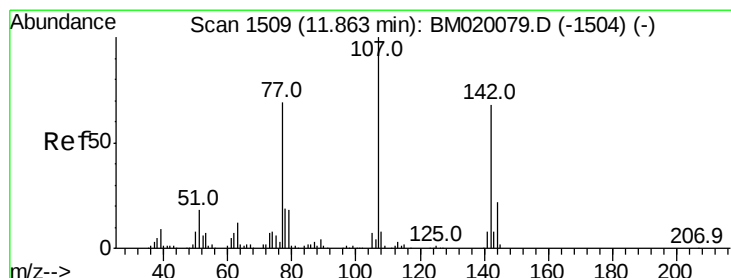
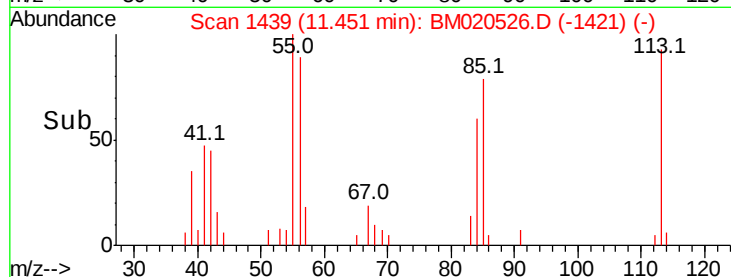
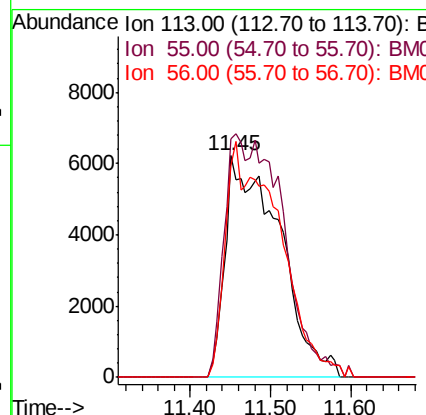
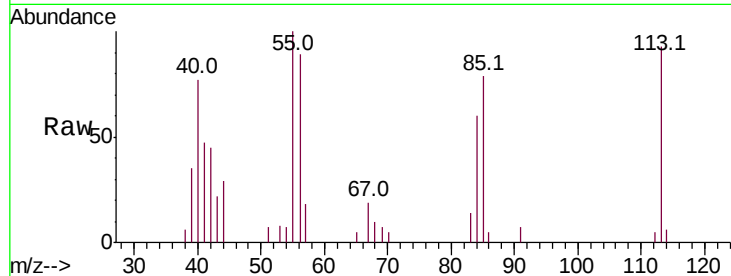
#35
 Caprolactam
 Concen: 29.021 ng/ml
 RT: 11.45 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	107.8	102.5	142.5	
56	95.6	87.7	127.7	

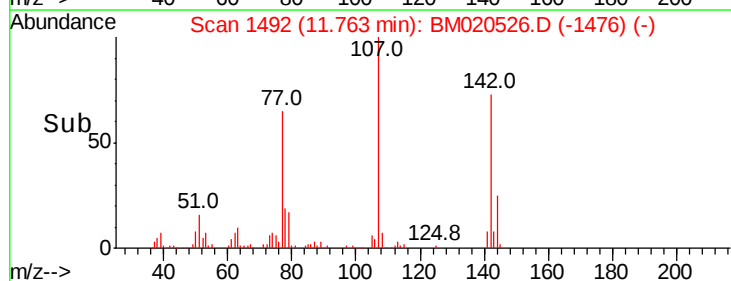
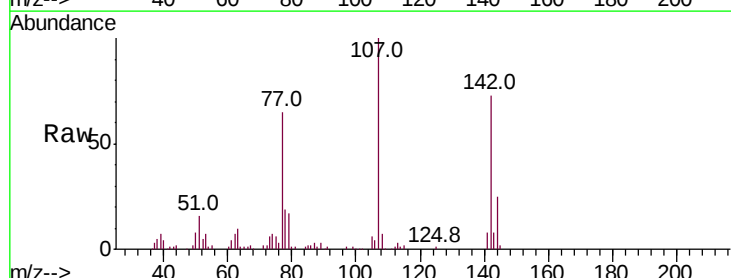
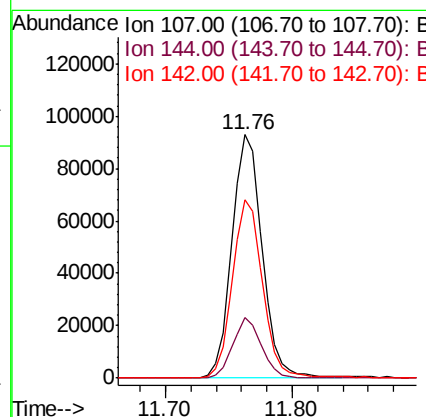
Manual Integrations
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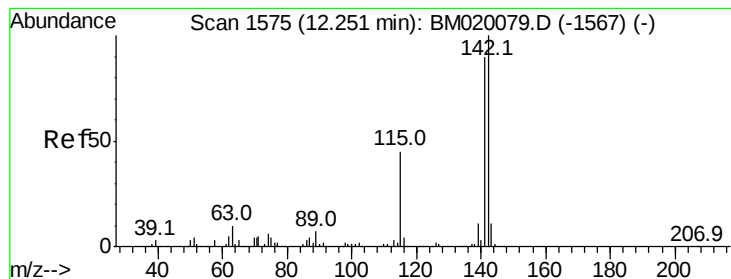
Sohil
 5/24/2019 5:01:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.923 ng/ml
 RT: 11.76 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.7	17.6	26.4	
142	73.1	54.6	82.0	





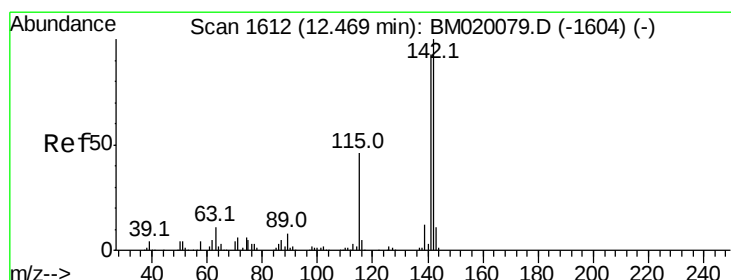
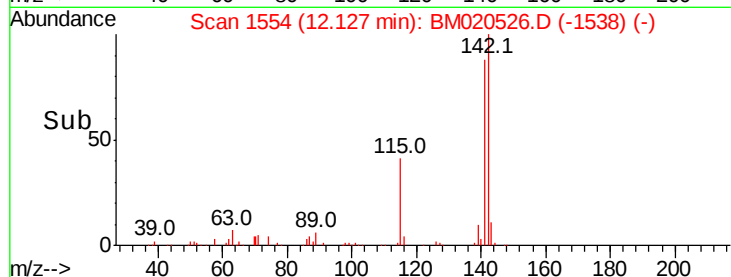
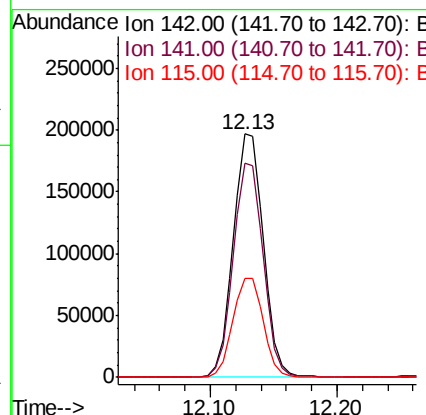
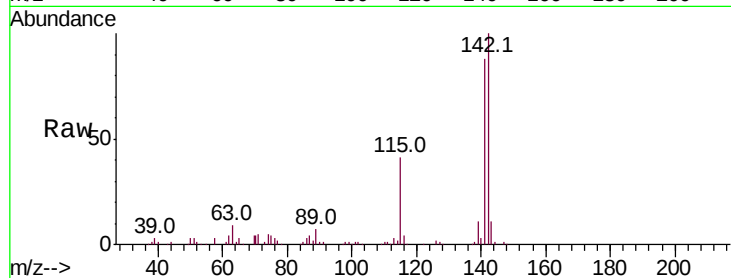
#37
2-Methylnaphthalene
Concen: 42.497 ng
RT: 12.13 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	40.9	35.8	53.6

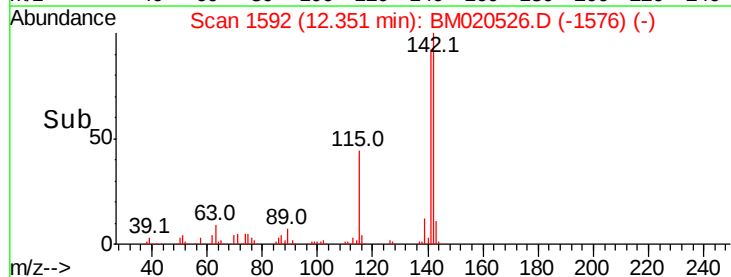
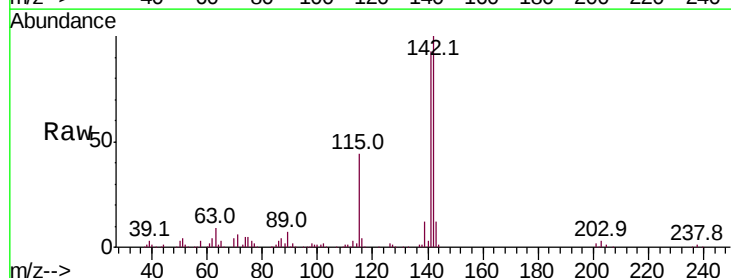
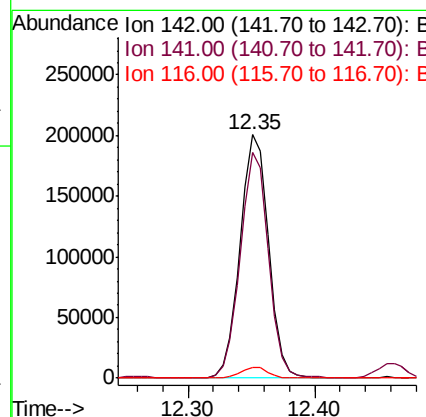
Manual Integrations
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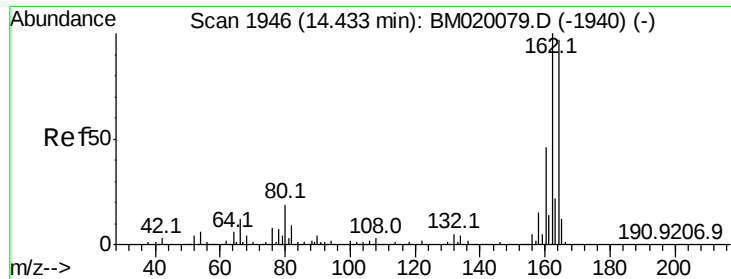
Sohil
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#38
1-Methylnaphthalene
Concen: 41.781 ng
RT: 12.35 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.8	112.2
116	4.4	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

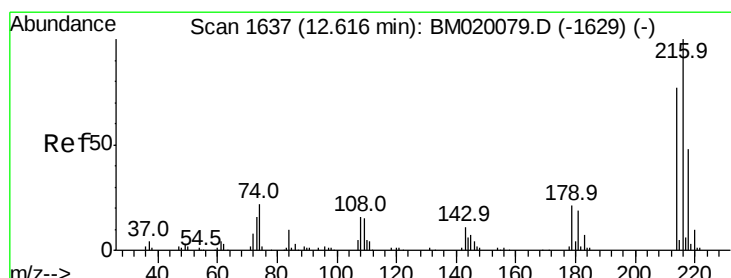
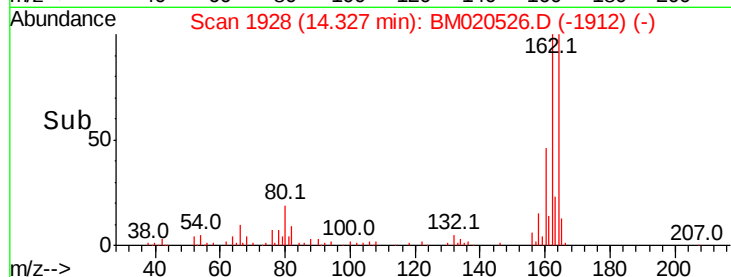
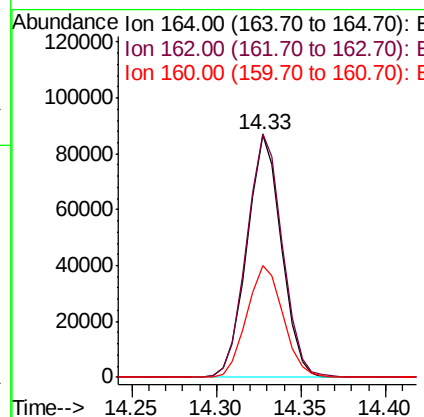
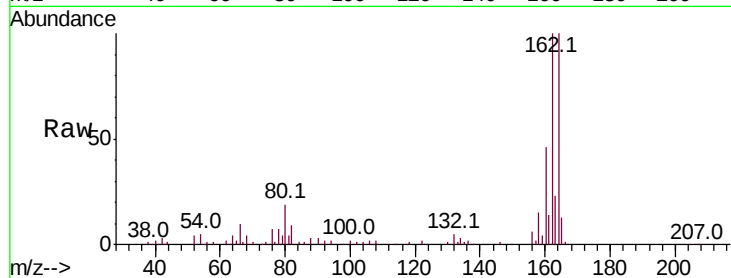
ClientSampleId :

OK-01-052119MS

Tot Ion:	164	Resp:	123514
Ion Ratio	Lower	Upper	
164	100		
162	100.4	82.2	123.2
160	46.0	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.270 ng

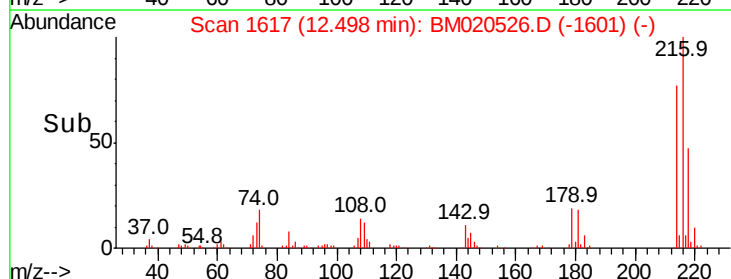
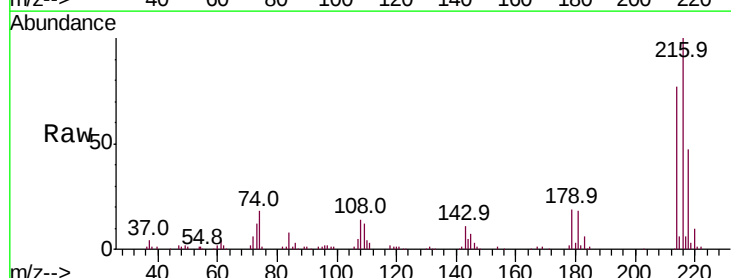
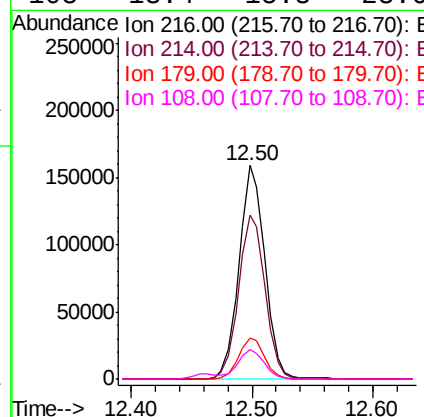
RT: 12.50 min Scan# 1617

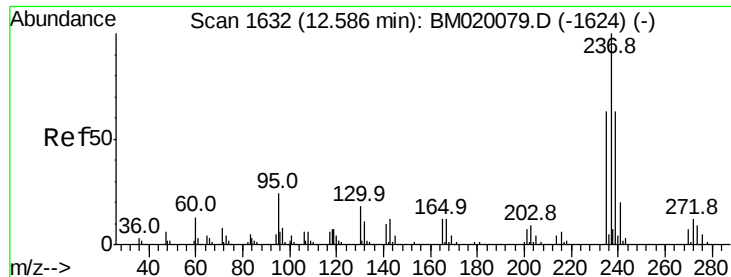
Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	216	Resp:	238090
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	94.0
179	19.0	17.1	25.7
108	13.4	15.8	23.6#





#41

Hexachlorocyclopentadiene

Concen: 68.922 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

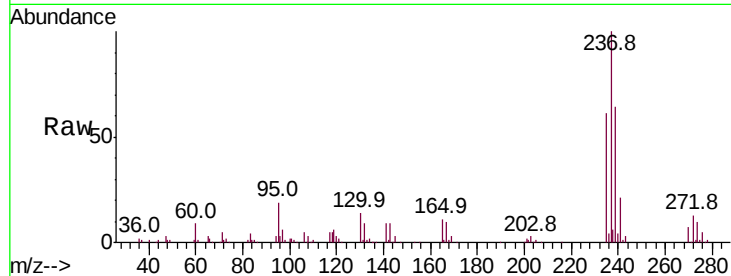
ClientSampleId :

OK-01-052119MS

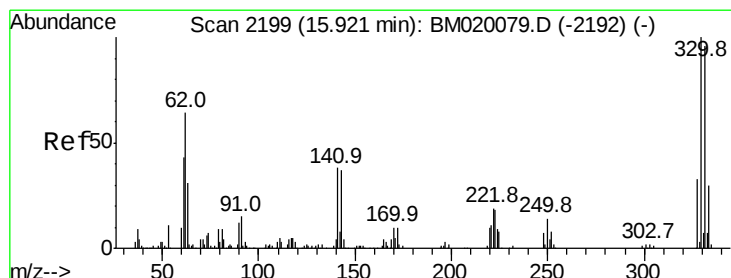
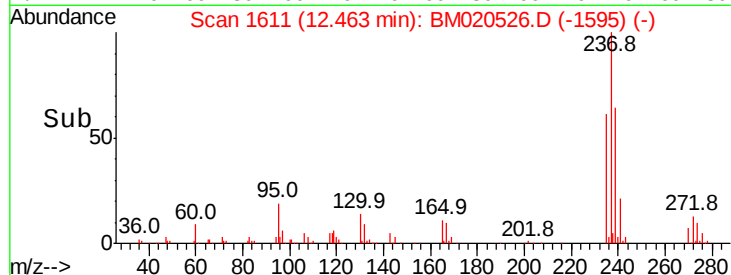
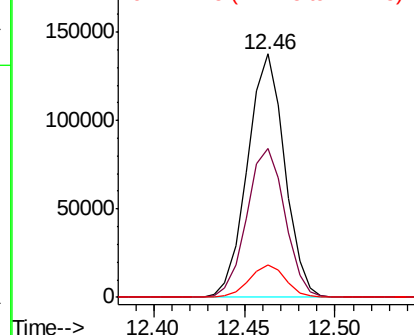
Tot Ion:	237	Resp:	196103
Ion Ratio		Lower	Upper
237	100		
235	61.1	43.4	83.4
272	13.4	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 164.753 ng

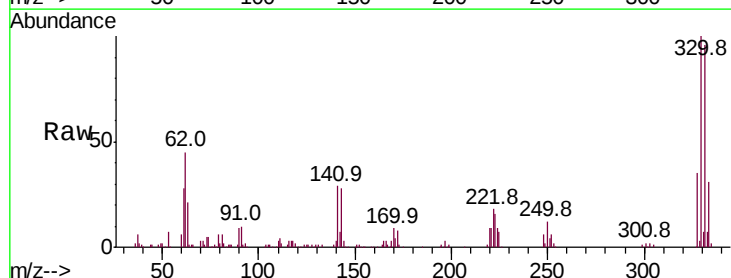
RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

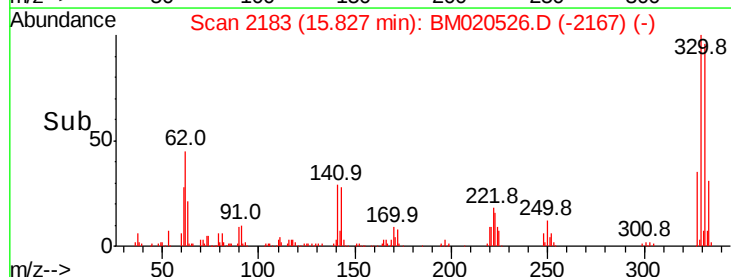
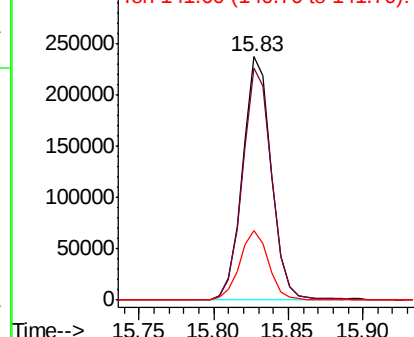
Lab File: BM020526.D

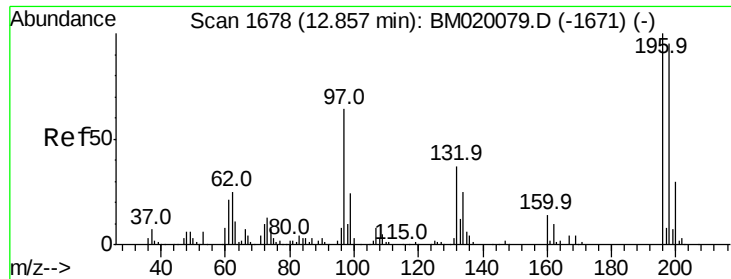
Acq: 23 May 2019 21:22

Tgt Ion:	330	Resp:	315859
Ion Ratio		Lower	Upper
330	100		
332	97.3	76.8	115.2
141	28.7	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





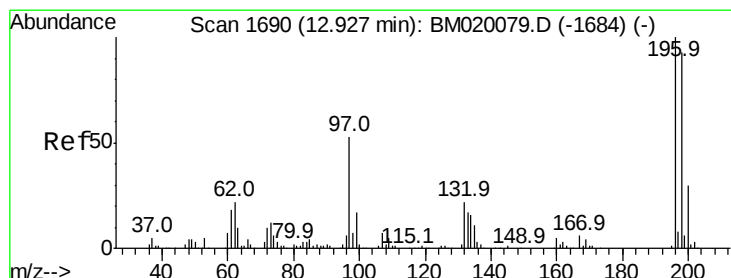
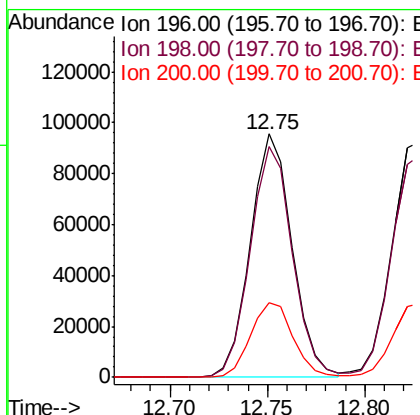
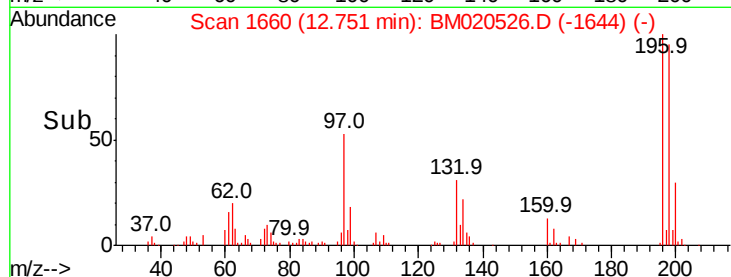
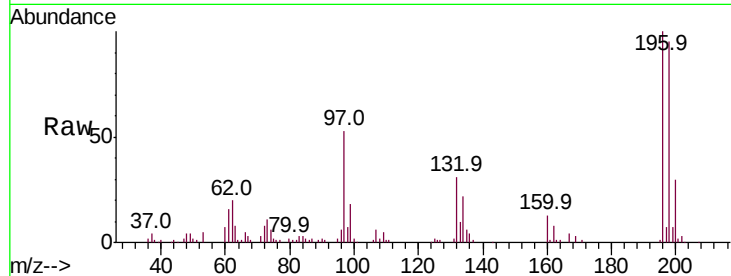
#43
 2,4,6-Trichlorophenol
 Concen: 51.754 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	142135		
198	95.0	76.2	114.2	
200	30.4	24.3	36.5	

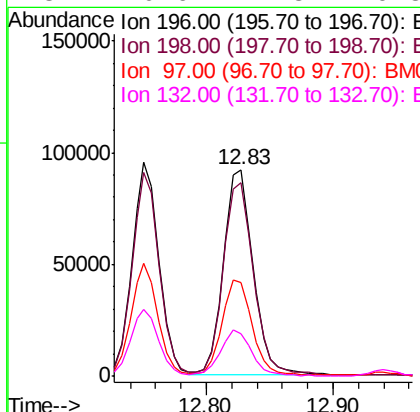
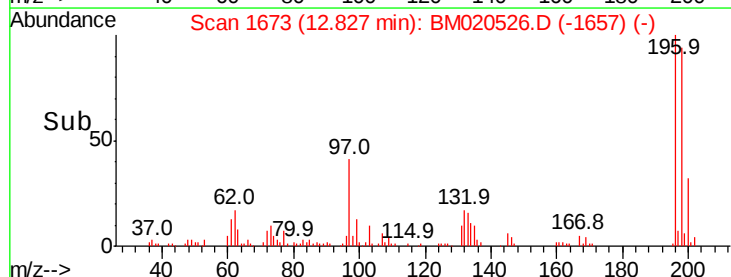
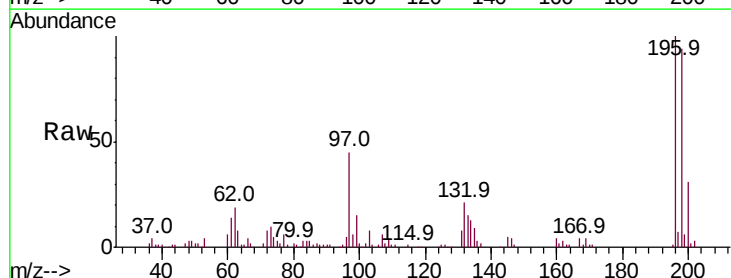
Manual Integrations
 APPROVED

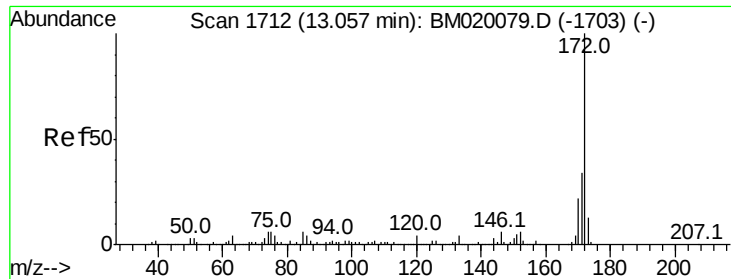
Sohil
 5/24/2019 5:01:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.721 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	149478		
198	93.9	74.7	112.1	
97	45.0	42.2	63.4	
132	20.6	17.8	26.8	





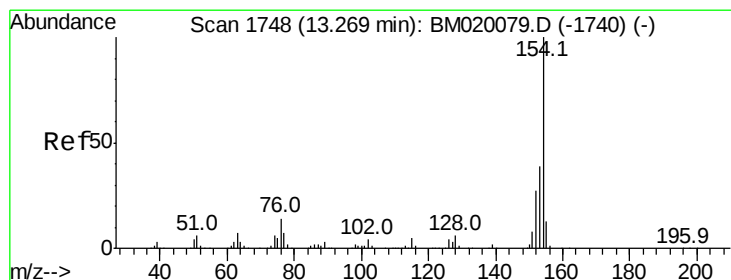
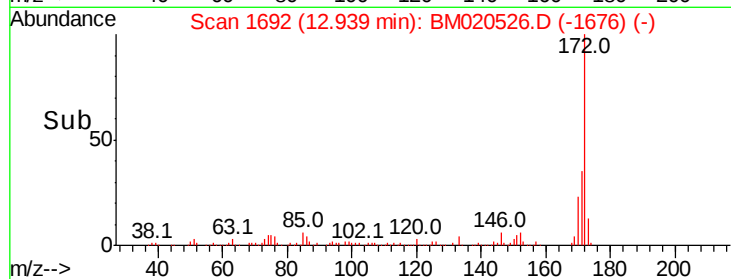
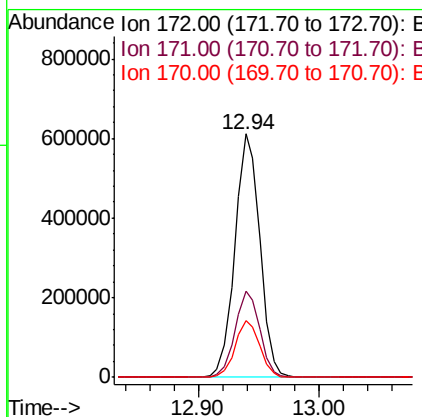
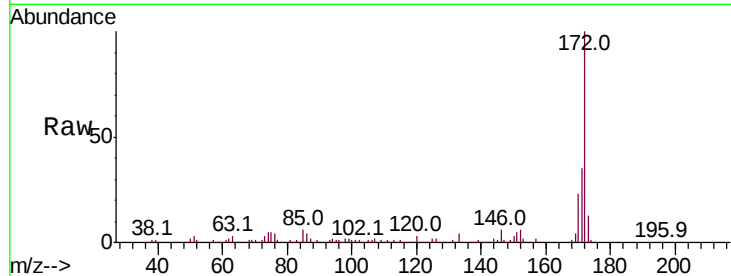
#45
2-Fluorobiphenyl
Concen: 87.513 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.3	17.9	26.9

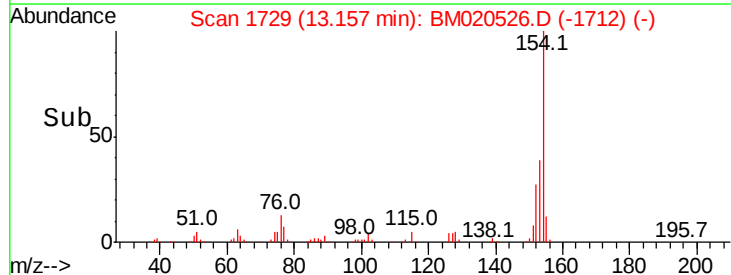
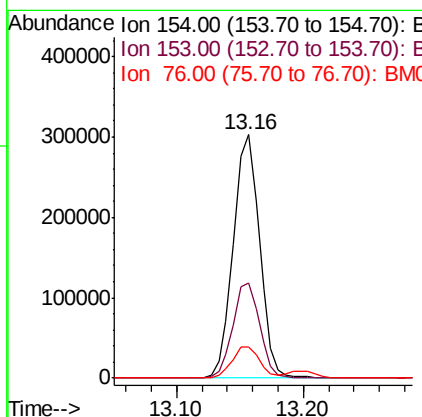
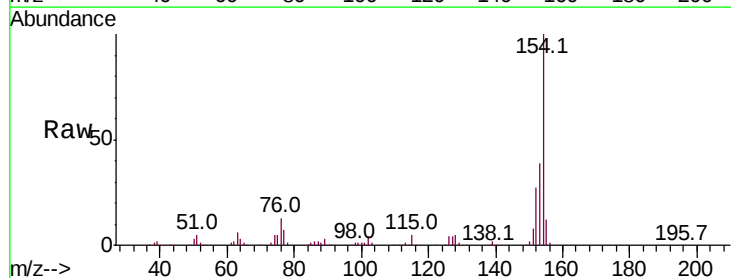
Manual Integrations
APPROVED

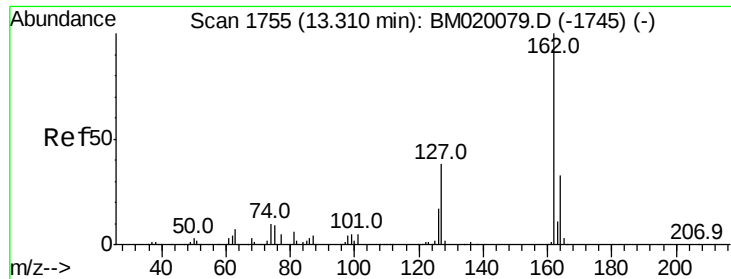
Sohil
5/24/2019 5:01:40 PM



#46
1,1'-Biphenyl
Concen: 42.808 ng
RT: 13.16 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.4	59.4
76	12.9	0.0	34.5





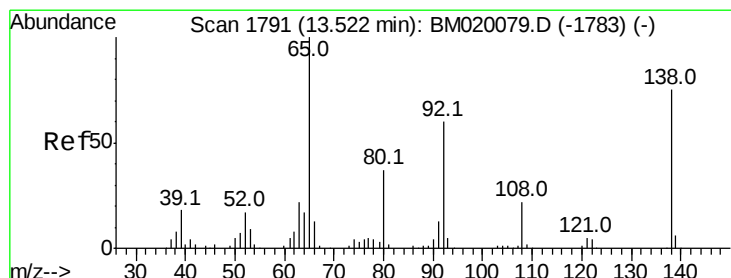
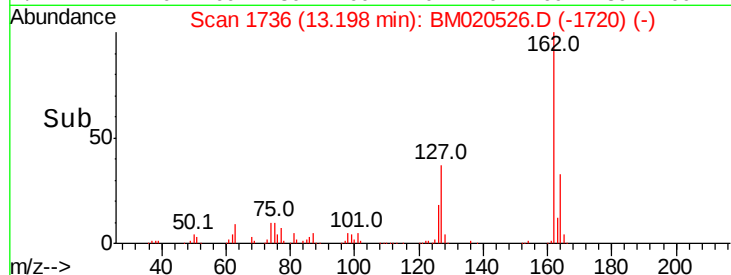
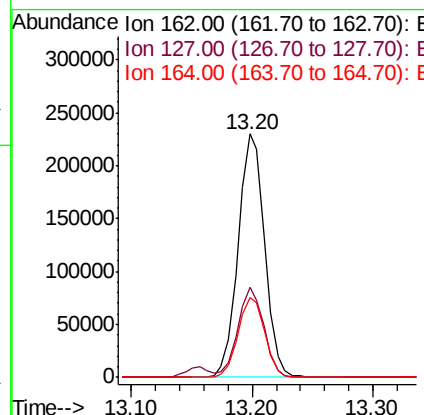
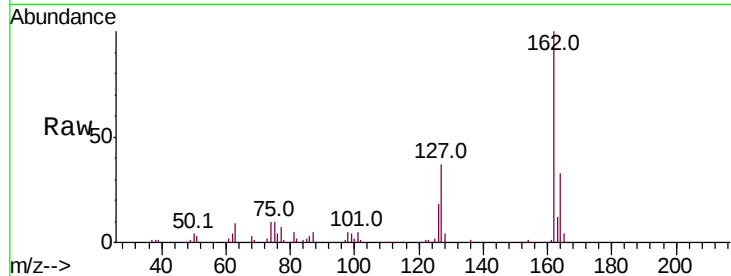
#47
2-Chloronaphthalene
Concen: 43.347 ng
RT: 13.20 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.9	31.0	46.4	
164	32.7	26.2	39.2	

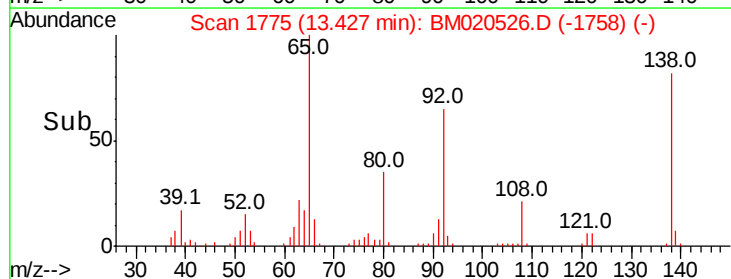
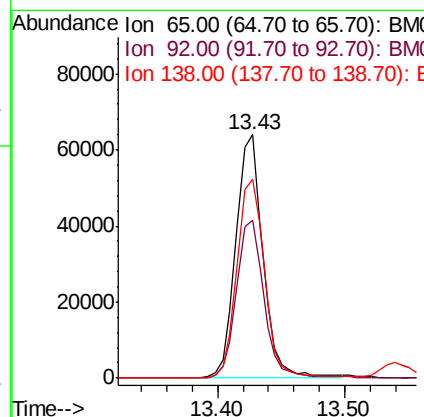
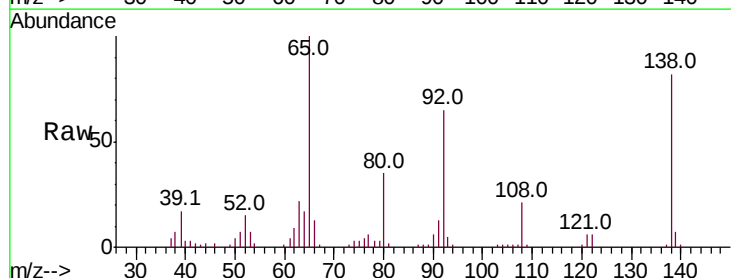
Manual Integrations
APPROVED

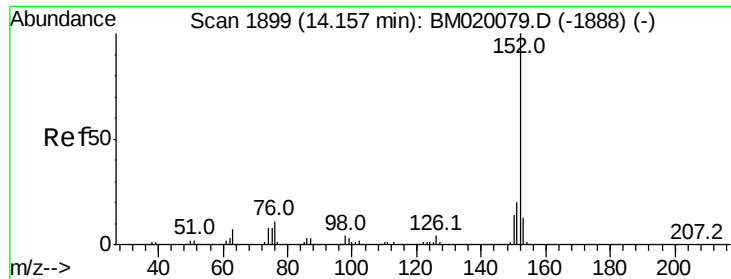
Sohil
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#48
2-Nitroaniline
Concen: 32.768 ng
RT: 13.43 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.6	48.2	72.4	
138	81.9	60.3	90.5	





#49

Acenaphthylene

Concen: 40.594 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

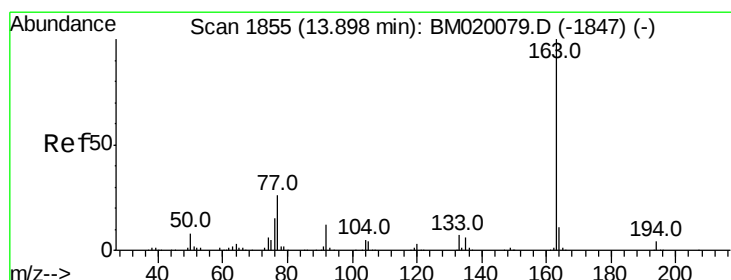
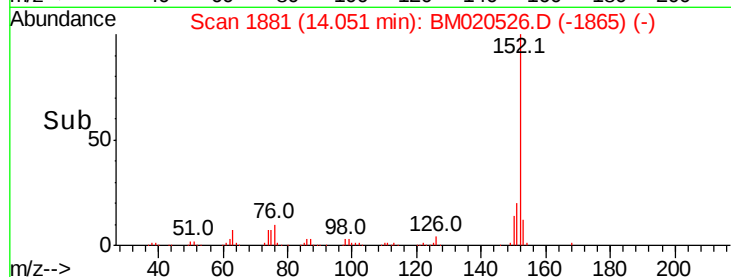
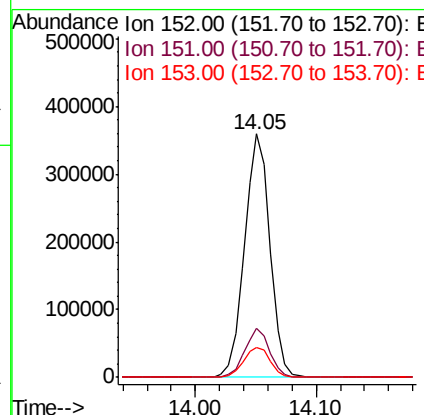
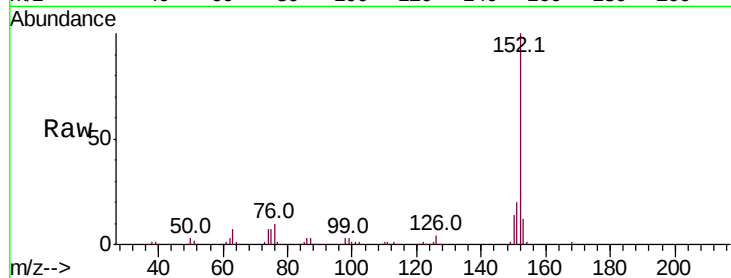
ClientSampleId :

OK-01-052119MS

Tot Ion:	152	Resp:	527331
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	12.3	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.170 ng

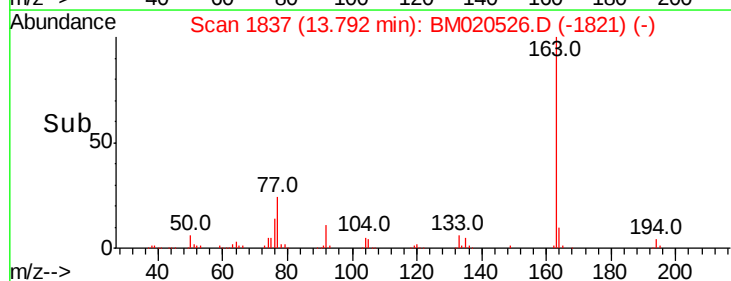
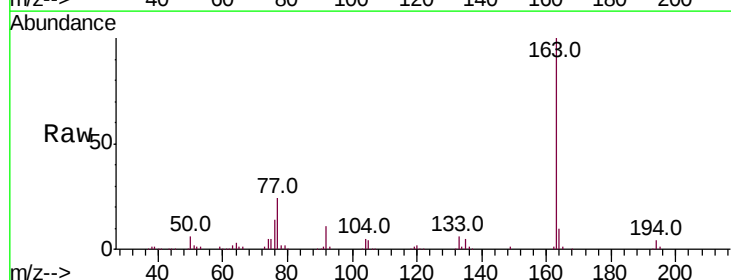
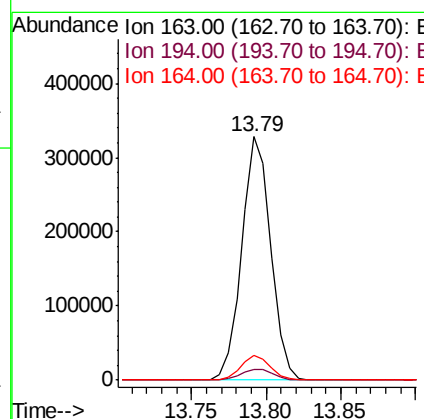
RT: 13.79 min Scan# 1837

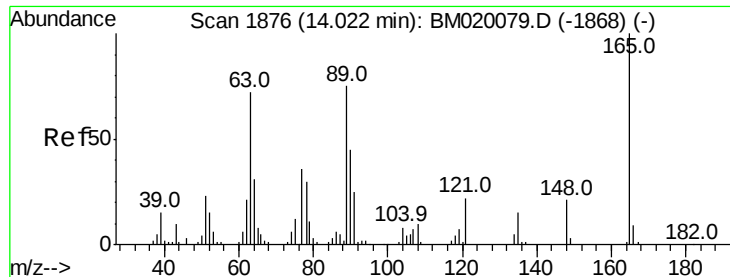
Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	163	Resp:	442684
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.0	8.4	12.6





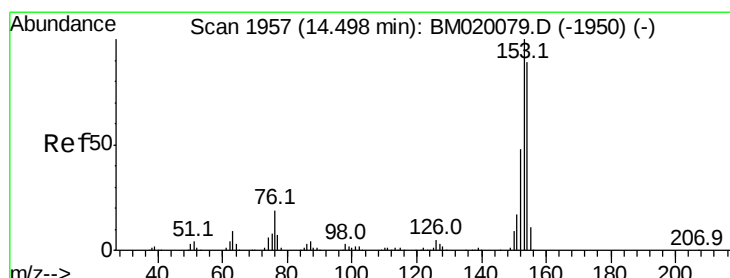
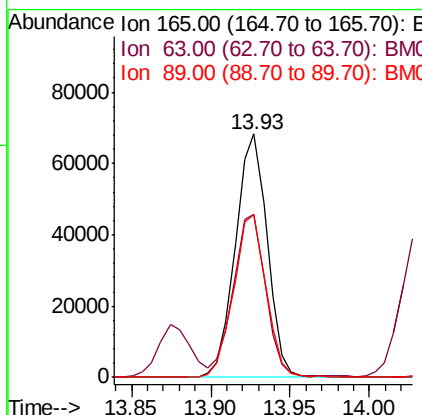
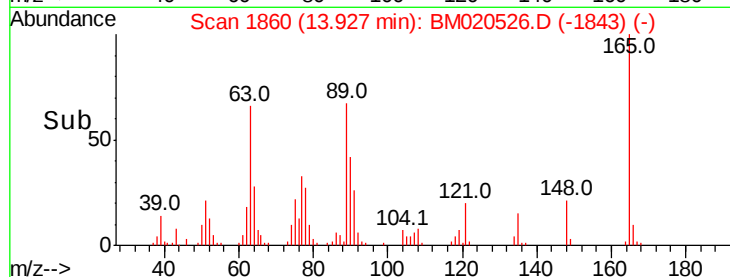
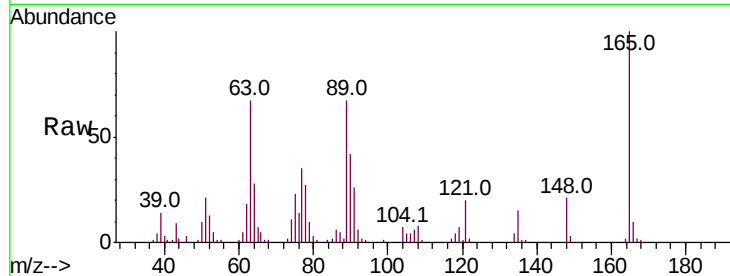
#51
2,6-Dinitrotoluene
Concen: 42.904 ng
RT: 13.93 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.7	60.3	90.5
89	67.0	59.8	89.6

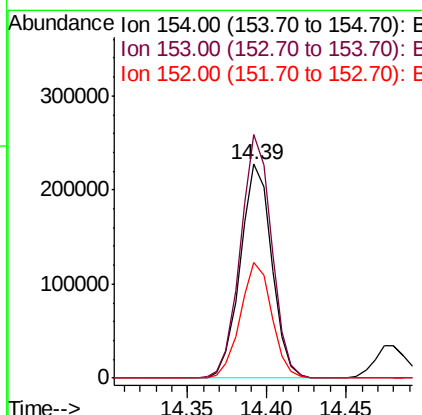
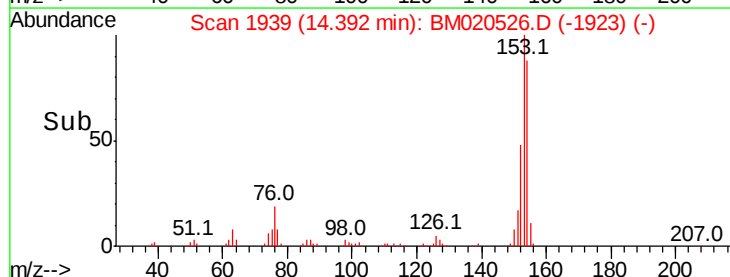
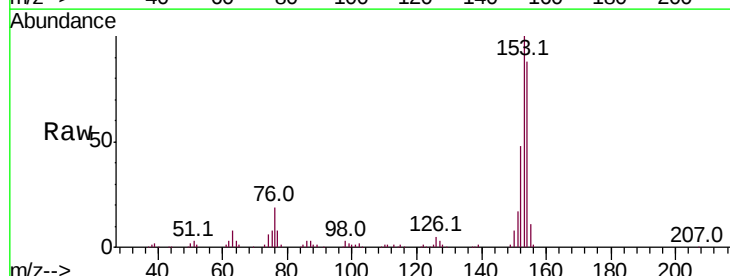
Manual Integrations
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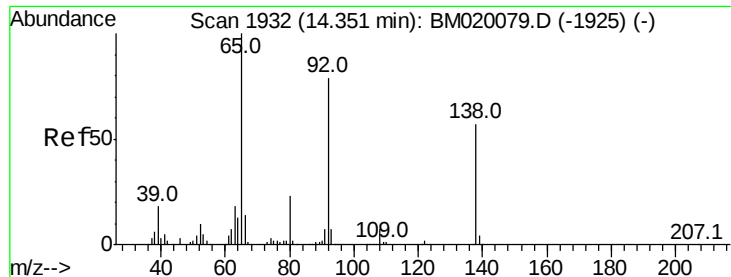
Sohil
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#52
Acenaphthene
Concen: 42.044 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.2	135.2
152	54.4	43.0	64.4





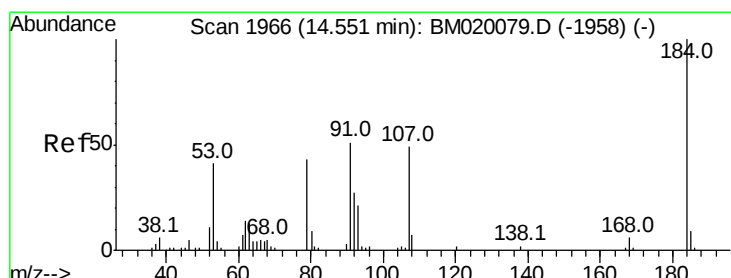
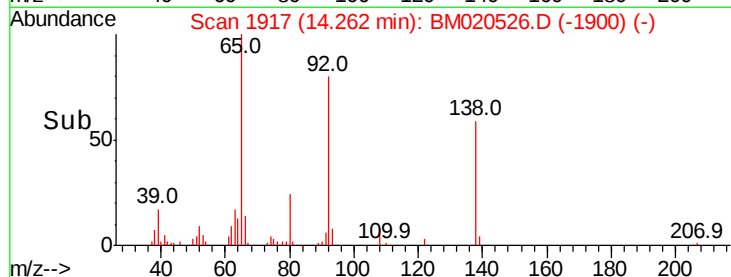
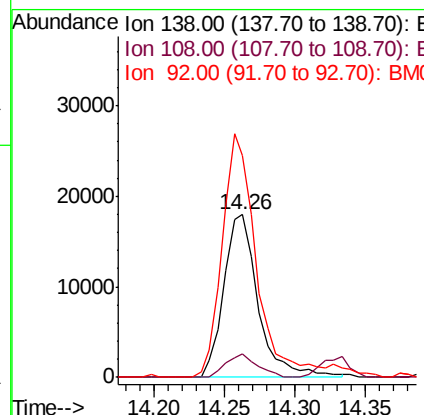
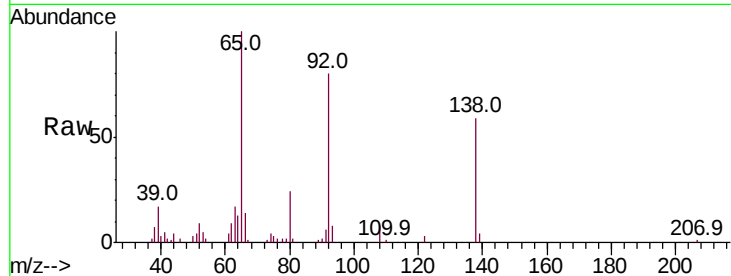
#53
3-Nitroaniline
Concen: 14.834 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.0	10.4	15.6
92	136.1	111.3	166.9

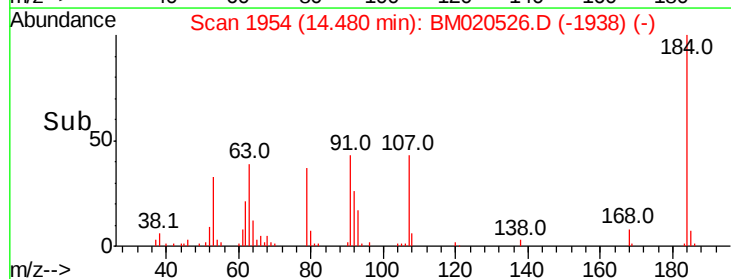
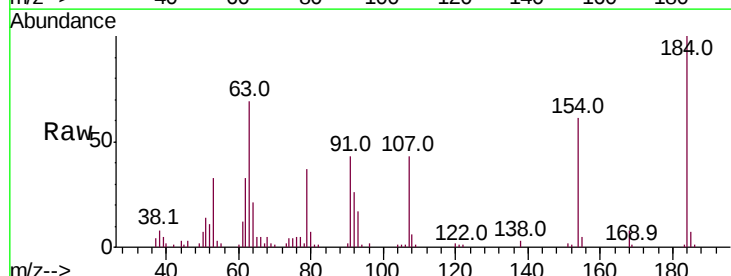
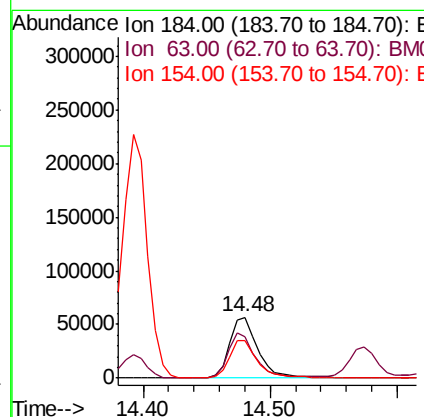
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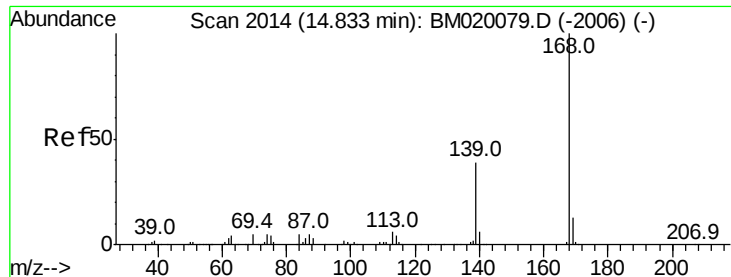
Sohil
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#54
2,4-Dinitrophenol
Concen: 78.944 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.3	68.9	103.3
154	61.1	54.4	81.6





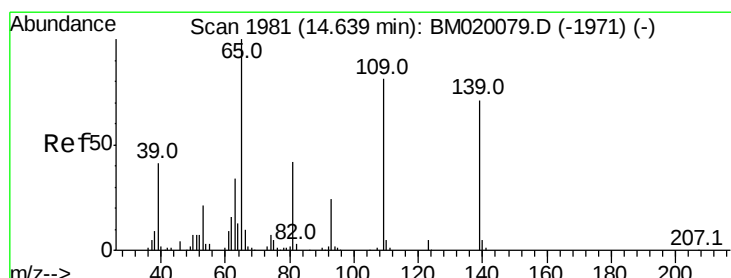
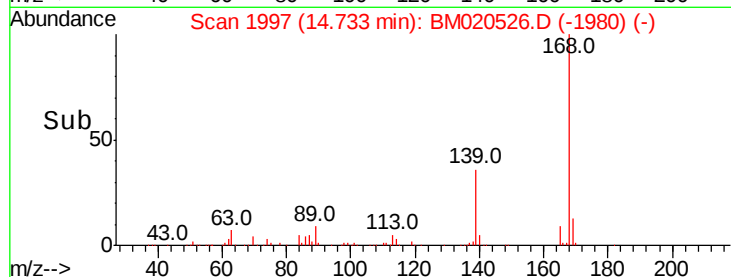
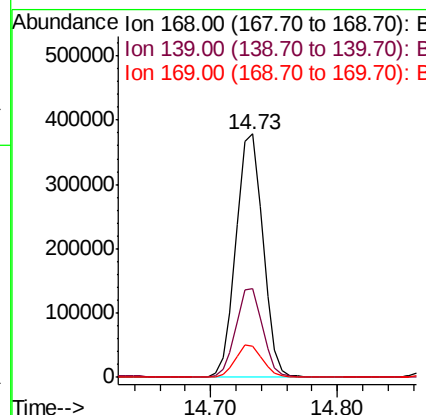
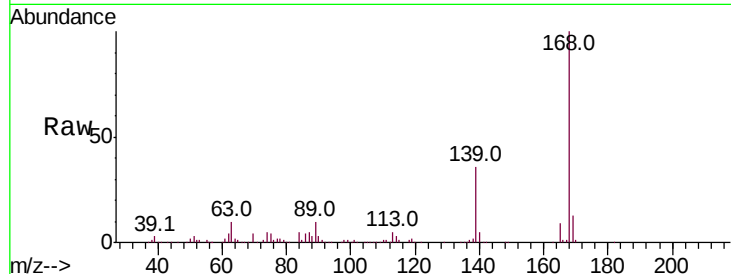
#55
Dibenzofuran
Concen: 44.330 ng
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	31.1	46.7
169	12.9	10.6	16.0

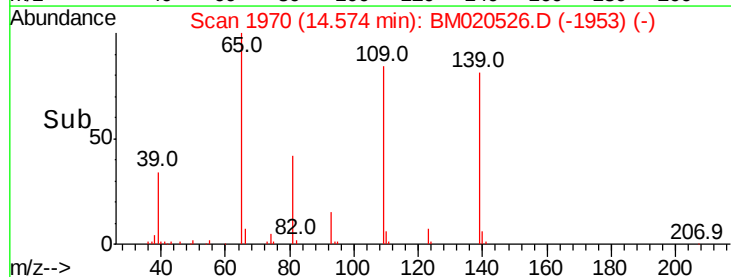
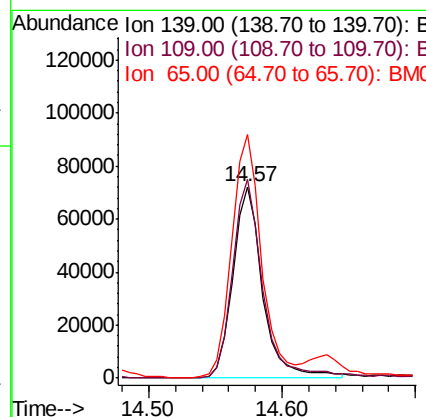
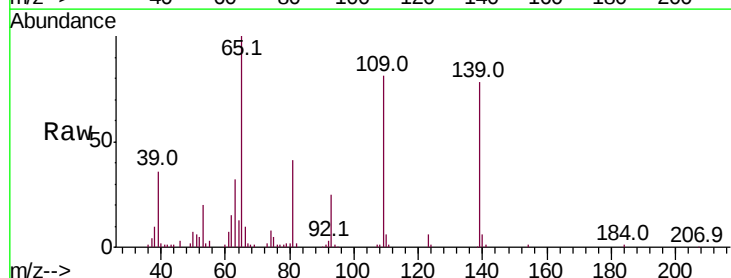
Manual Integrations
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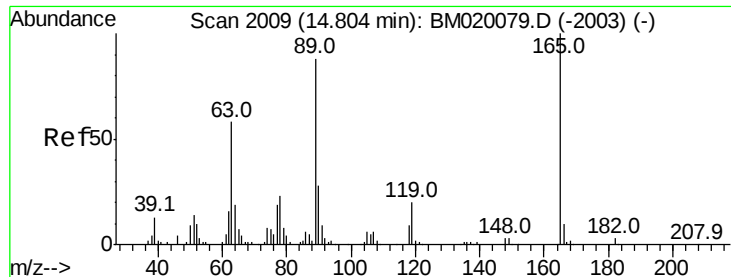
Sohil
5/24/2019 5:01:40 PM



#56
4-Nitrophenol
Concen: 64.569 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.8	94.1	134.1
65	127.4	120.9	160.9





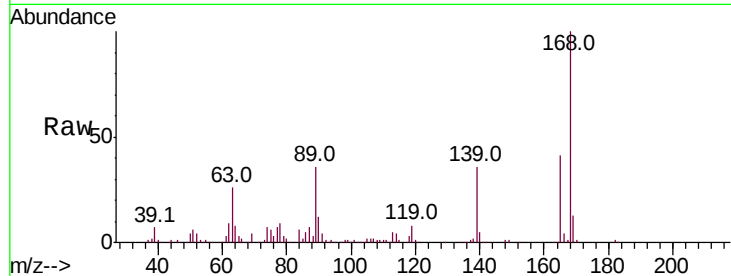
#57
 2,4-Dinitrotoluene
 Concen: 44.600 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

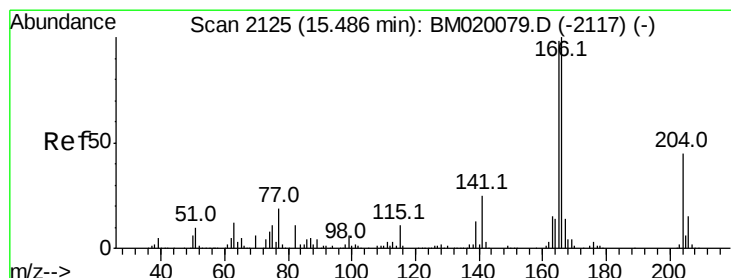
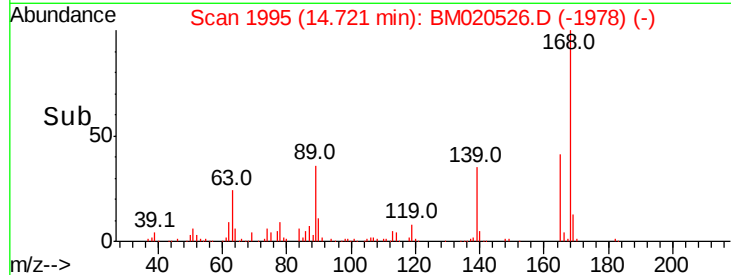
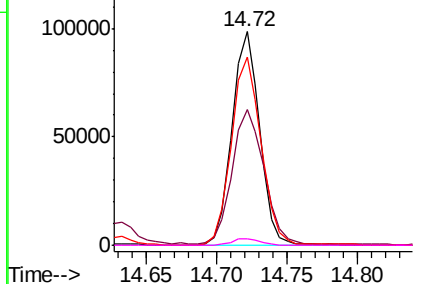
Tot Ion:	165	Resp:	133997
Ion Ratio	Lower	Upper	
165	100		
63	63.8	46.2	69.2
89	87.8	70.6	105.8
182	2.9	2.2	3.2

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 5/24/2019 5:01:40 PM



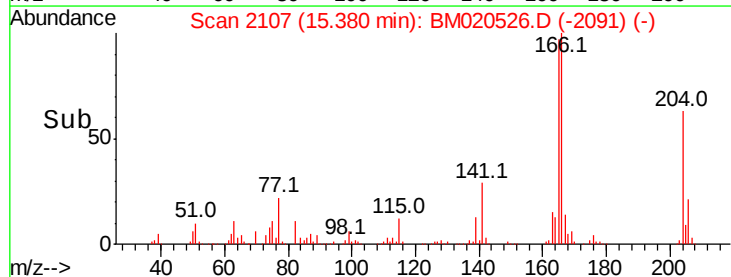
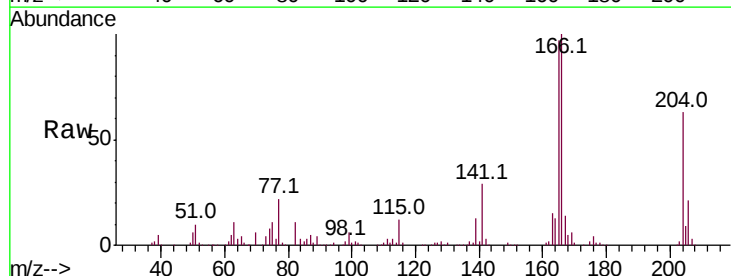
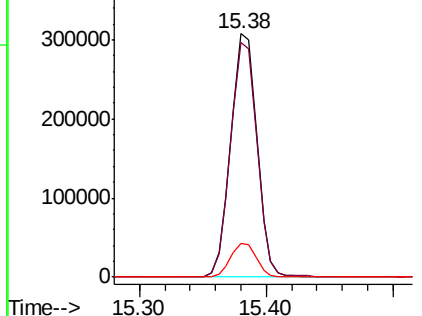
Abundance Ion 165.00 (164.70 to 165.70): E
 150000 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

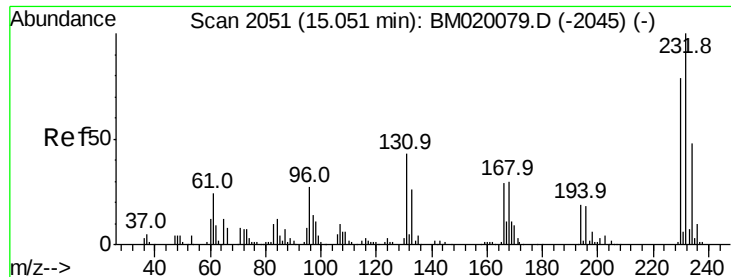


#58
 Fluorene
 Concen: 42.697 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion:	166	Resp:	440618
Ion Ratio	Lower	Upper	
166	100		
165	96.5	78.2	117.2
167	13.6	11.0	16.4

Abundance Ion 166.00 (165.70 to 166.70): E
 400000 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





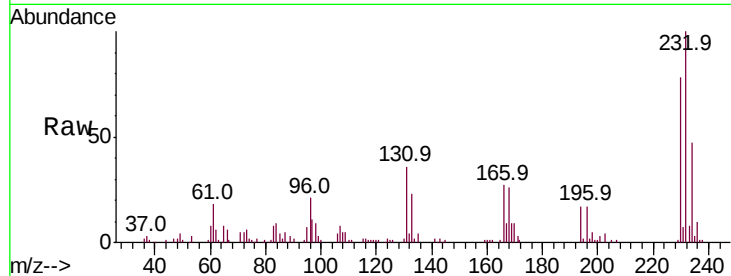
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.882 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	148349		
131	35.6		34.2	51.4
130	1.9		2.0	3.0
166	26.8		23.8	35.8

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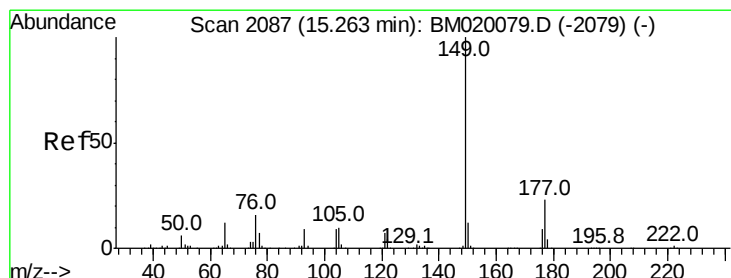
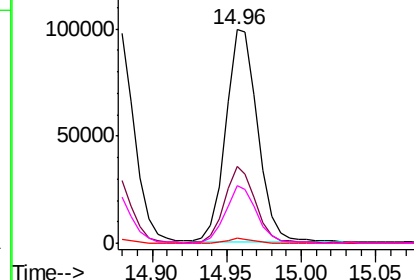
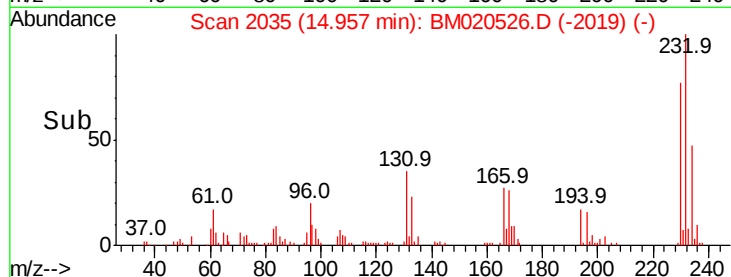
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

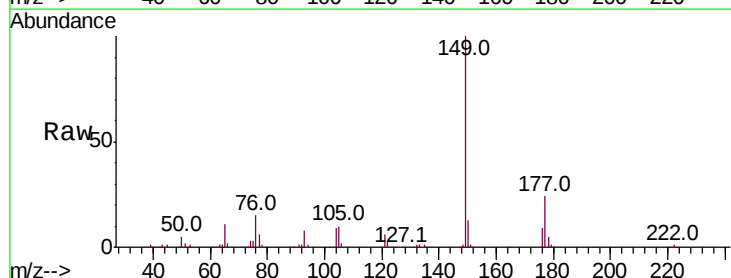
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.715 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	430617		
177	23.9		18.2	27.4
150	12.7		9.9	14.9

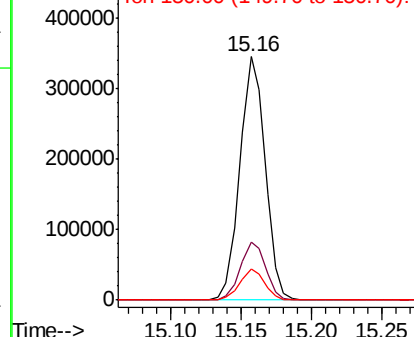
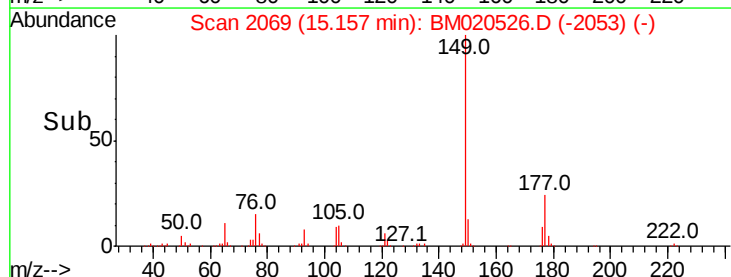


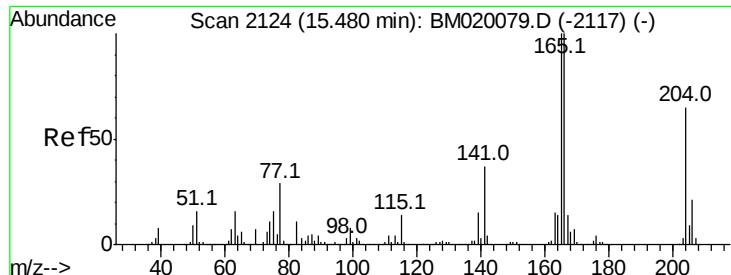
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





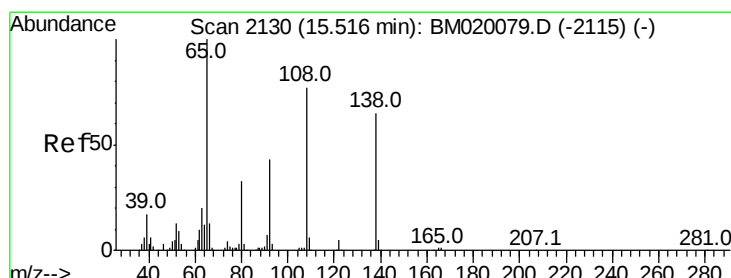
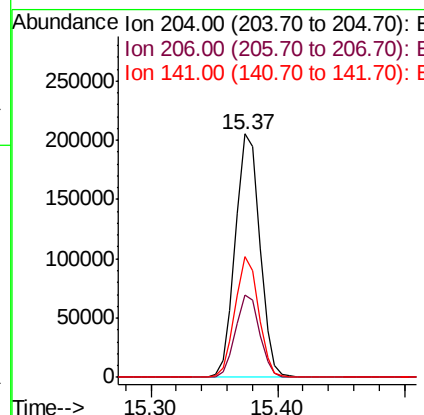
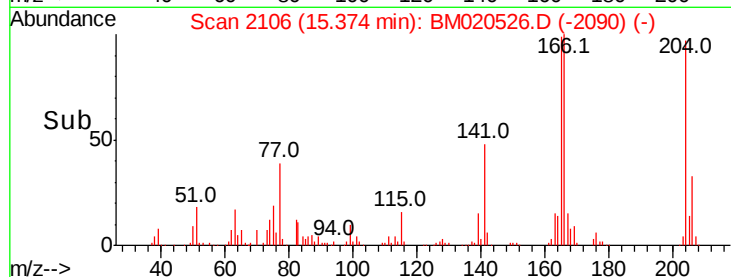
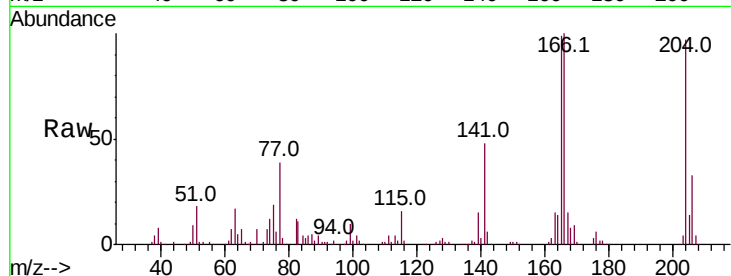
#61
 4-Chlorophenyl-phenylether
 Concen: 46.876 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.6	38.4
141	49.6	46.1	69.1

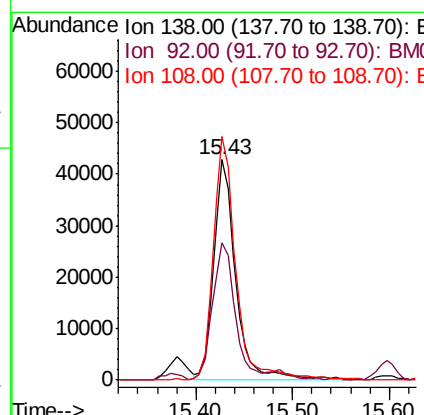
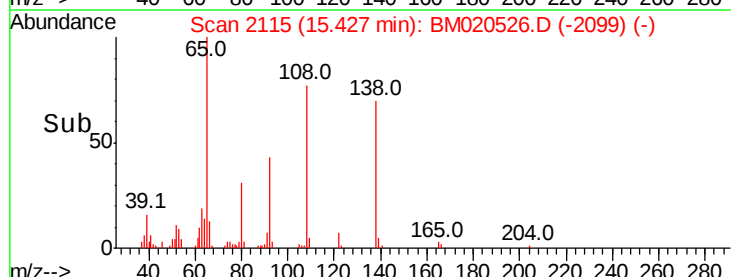
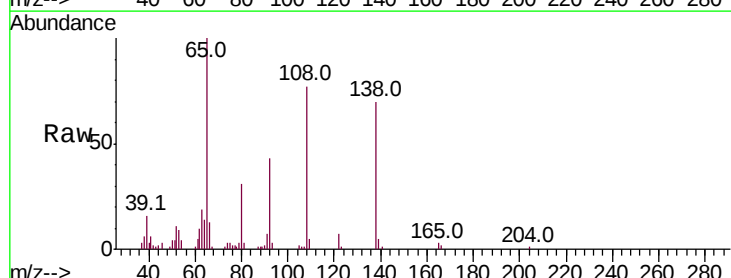
Manual Integrations
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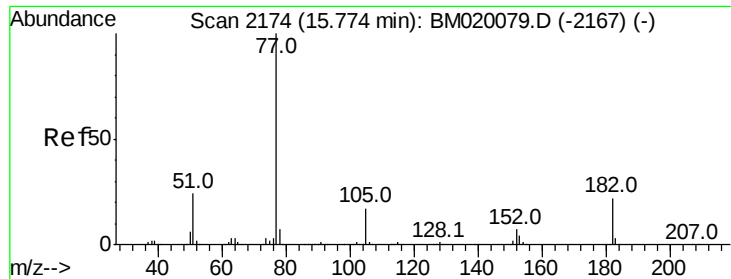
Sohil
 5/24/2019 5:01:40 PM



#62
 4-Nitroaniline
 Concen: 29.948 ng m
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.3	45.9	85.9
108	110.6	97.7	137.7





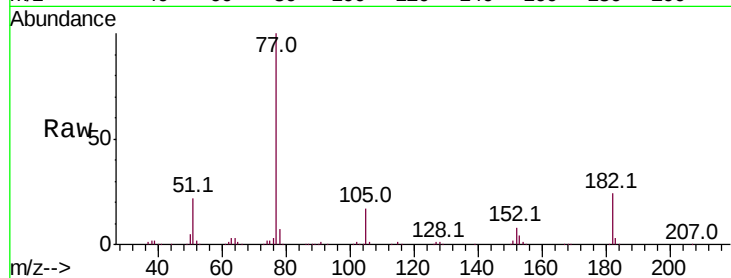
#63
Azobenzene
Concen: 37.430 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	2.1	42.1
105	16.9	0.0	36.8
51	22.0	3.8	43.8

Manual Integrations
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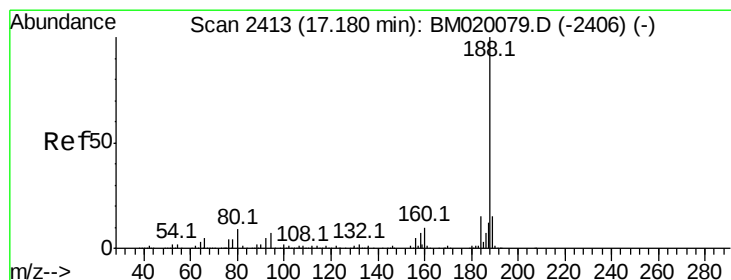
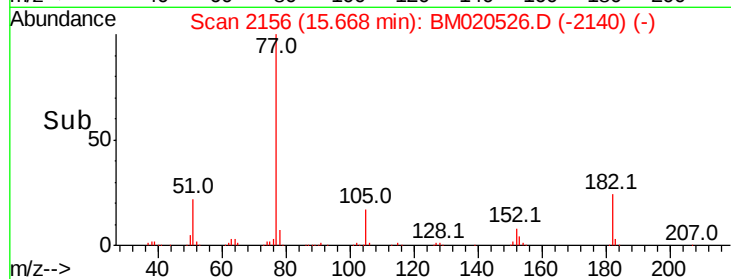
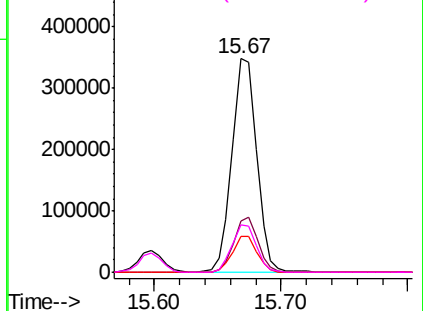


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



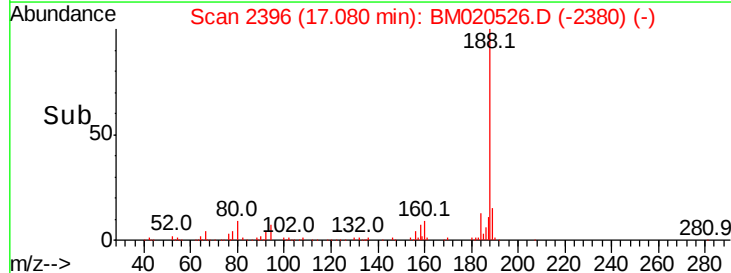
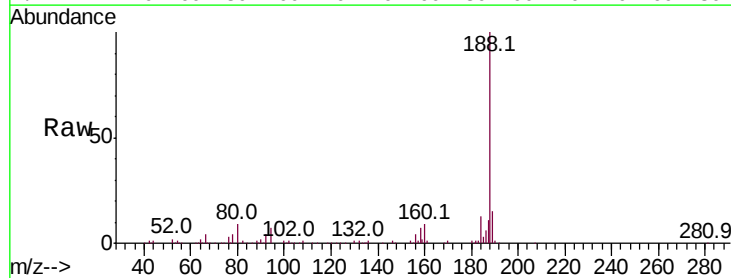
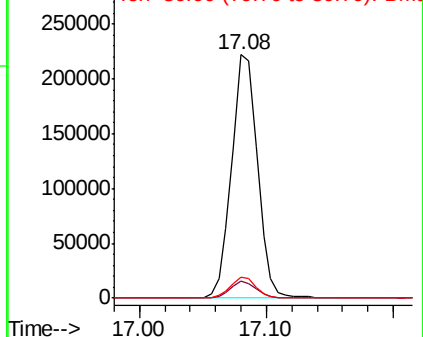
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

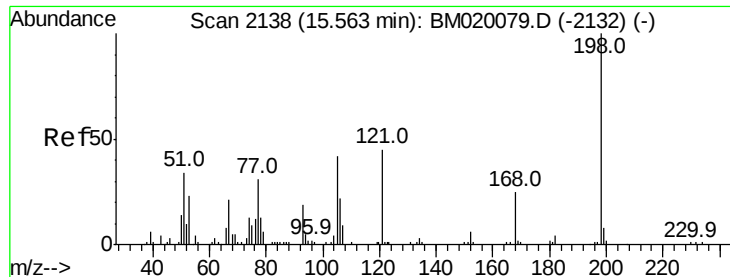
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.6
80	8.6	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





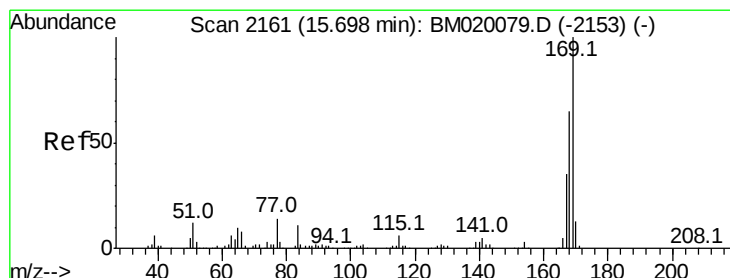
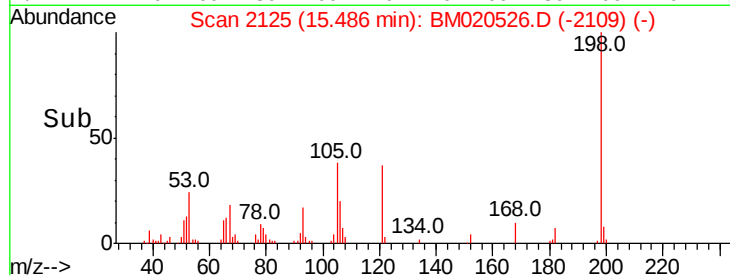
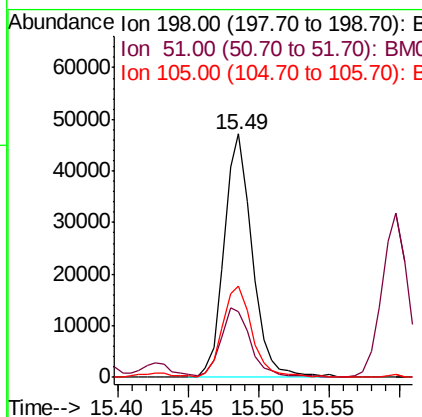
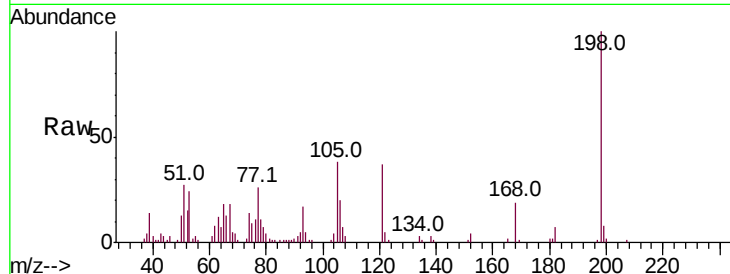
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.285 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	27.0	16.5	56.5
105	37.6	22.8	62.8

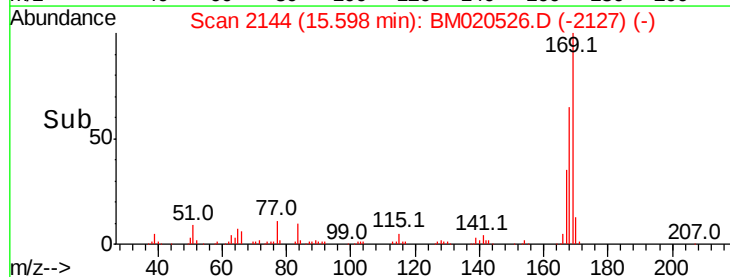
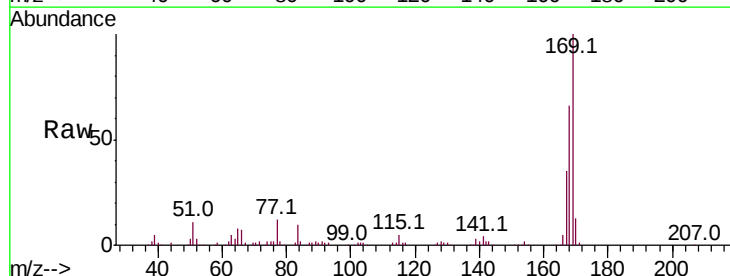
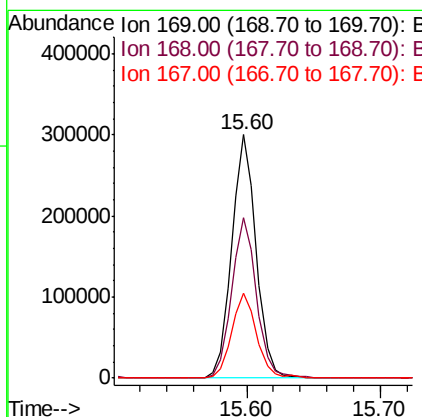
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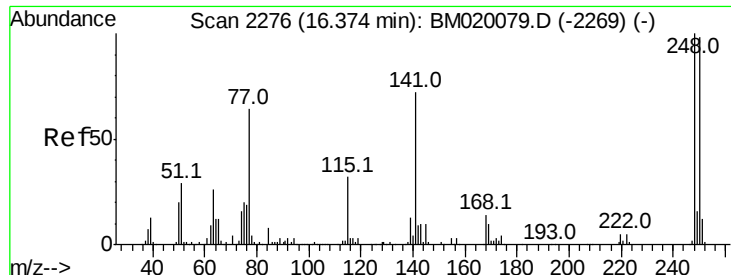
Sohil
 5/24/2019 5:01:40 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.613 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.9	77.9
167	34.9	27.8	41.6





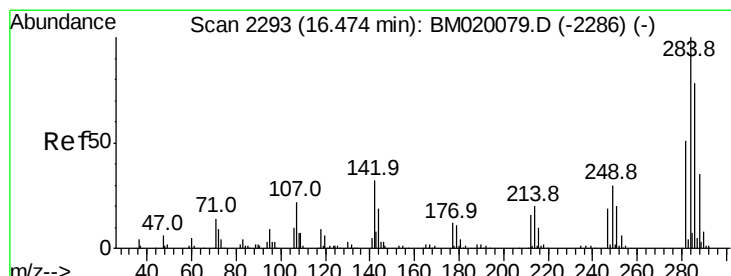
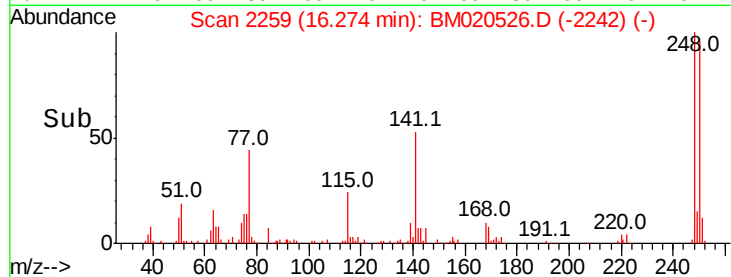
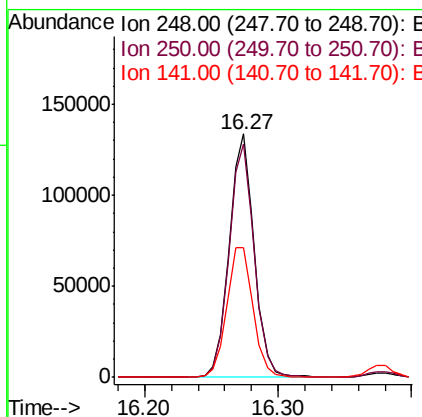
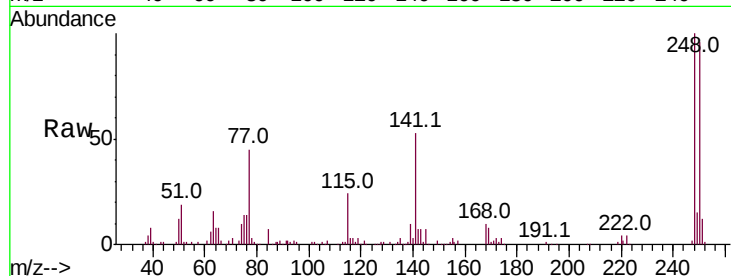
#67
 4-Bromophenyl-phenylether
 Concen: 45.494 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.4	117.6
141	53.4	57.4	86.2

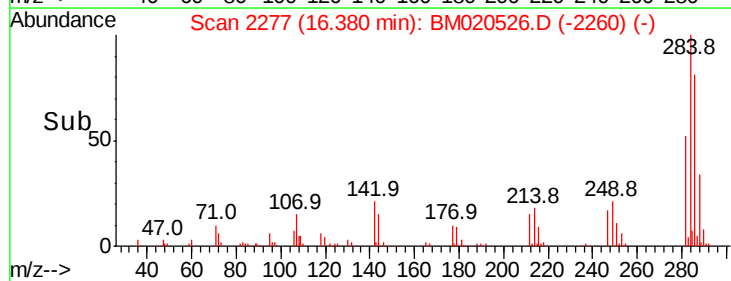
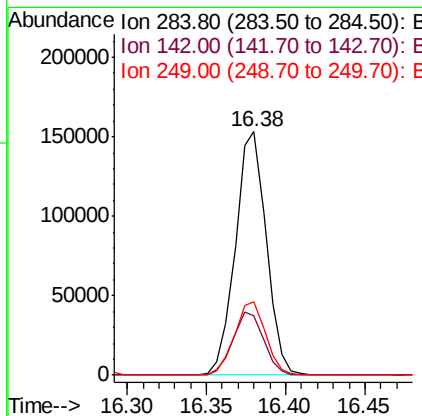
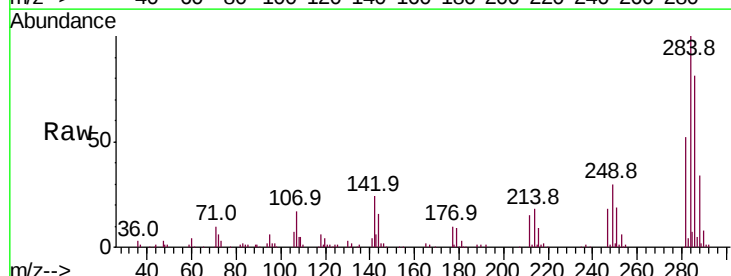
Manual Integrations
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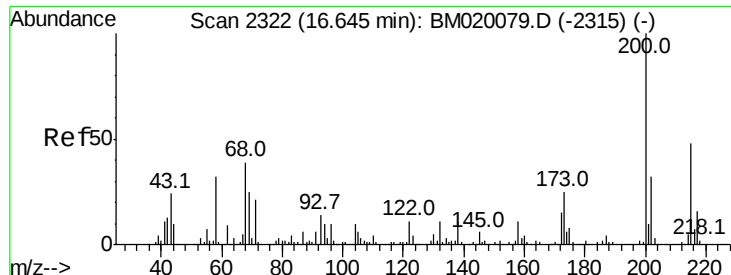
Sohil
 5/24/2019 5:01:40 PM



#68
 Hexachlorobenzene
 Concen: 46.642 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	25.2	37.8
249	30.4	23.6	35.4





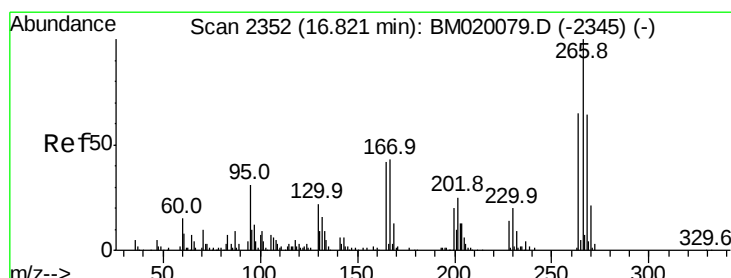
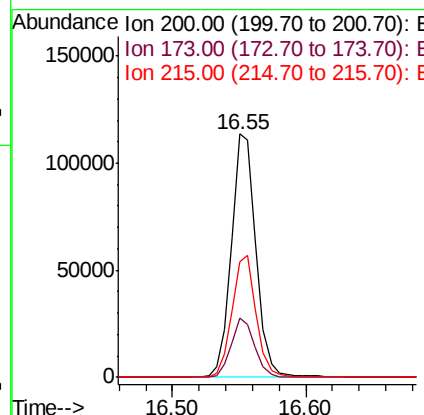
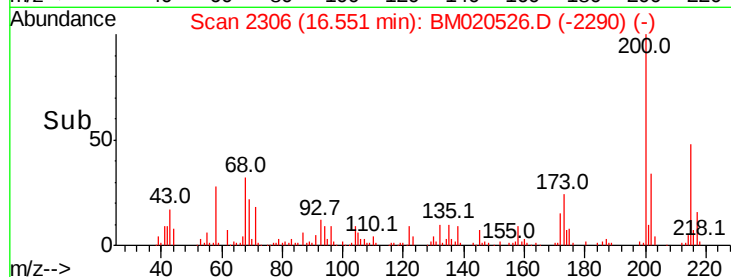
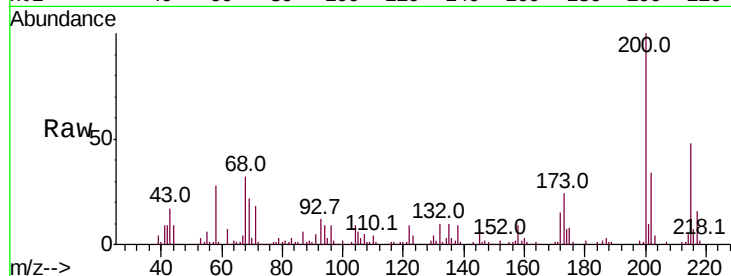
#69
Atrazine
Concen: 40.789 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	147044		
173	24.2	4.6	44.6	
215	47.5	28.0	68.0	

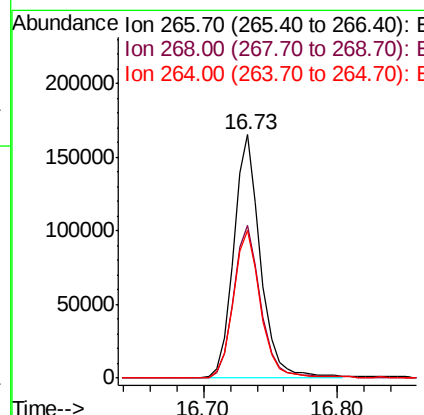
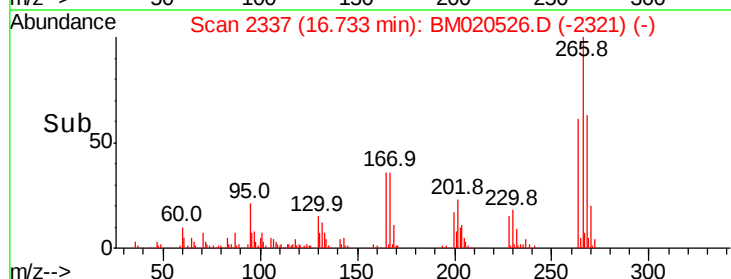
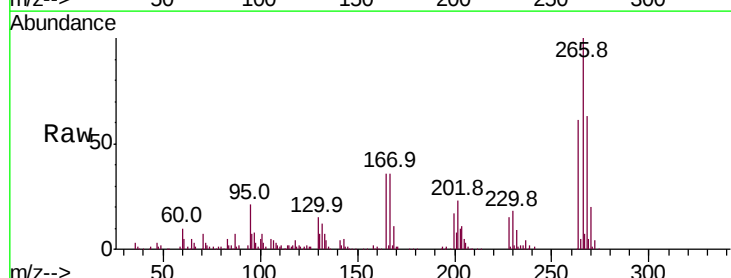
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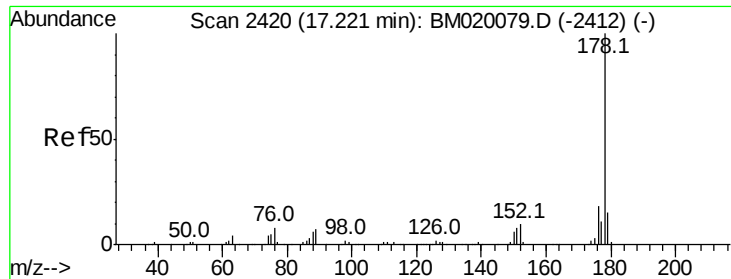
Sohil
5/24/2019 5:01:40 PM



#70
Pentachlorophenol
Concen: 91.660 ng
RT: 16.73 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	232000		
268	62.9	51.4	77.0	
264	60.6	52.0	78.0	





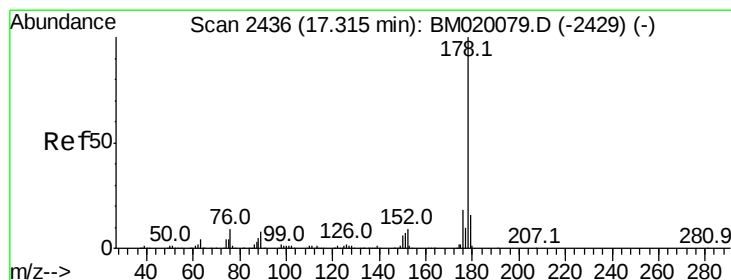
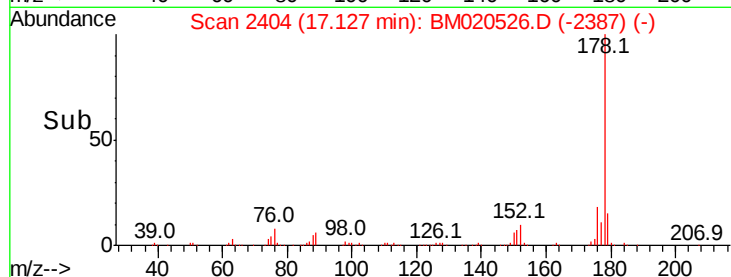
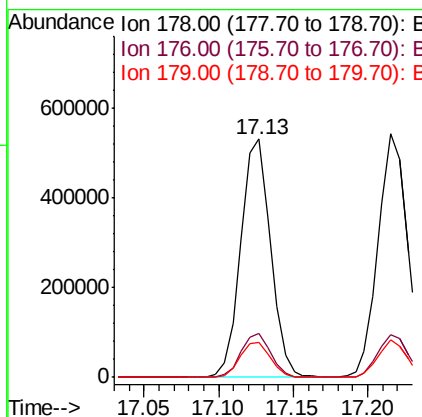
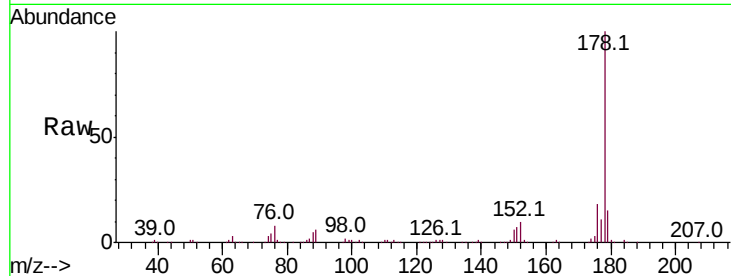
#71
Phenanthrene
Concen: 42.641 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	14.8	12.4	18.6

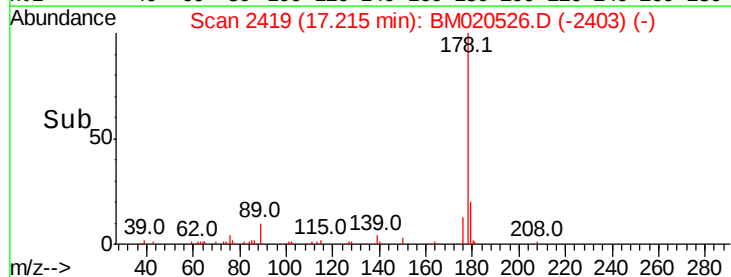
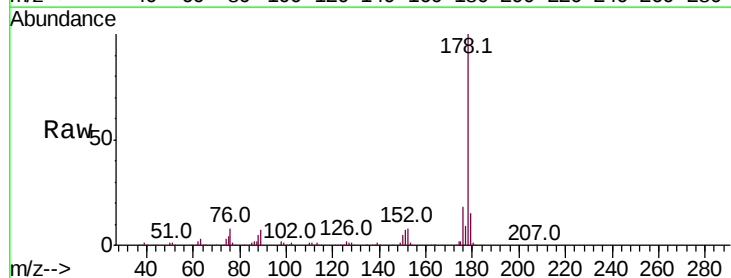
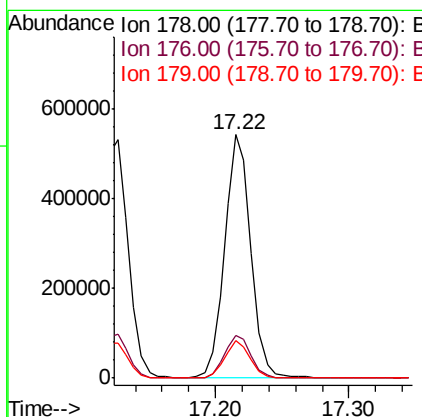
Manual Integrations
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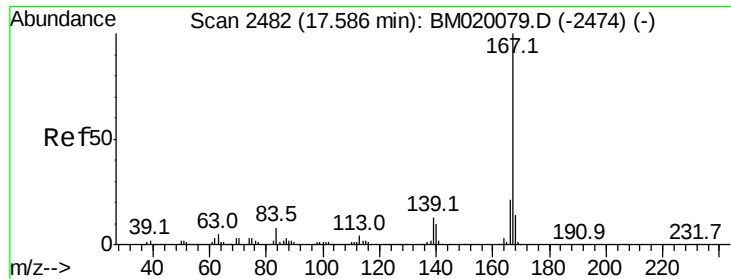
Sohil
5/24/2019 5:01:40 PM



#72
Anthracene
Concen: 42.584 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	22.0
179	15.5	12.4	18.6





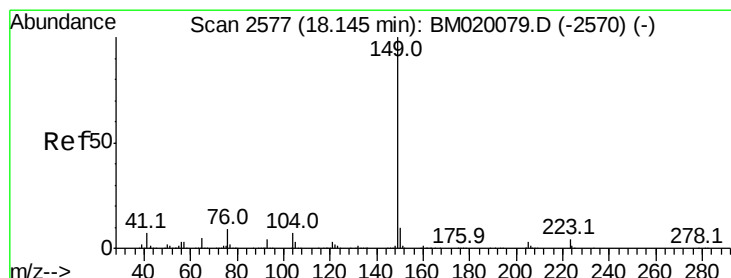
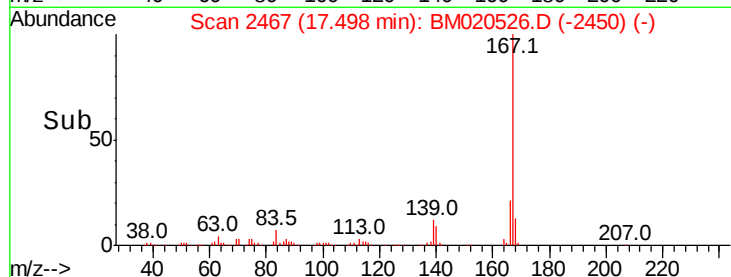
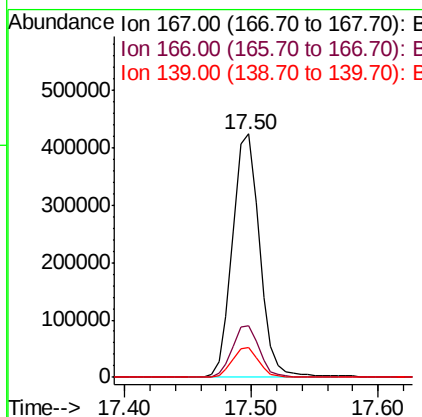
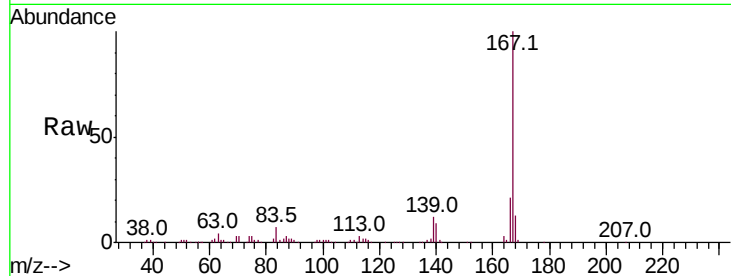
#73
 Carbazole
 Concen: 40.188 ng
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.0	10.6	16.0

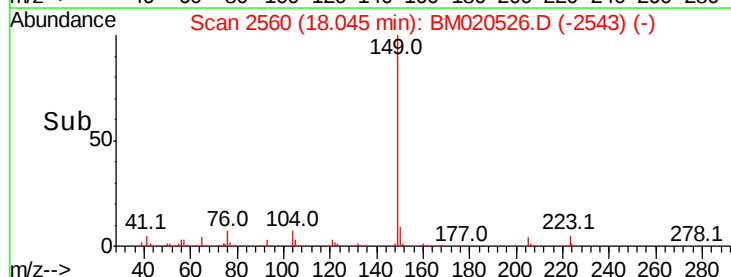
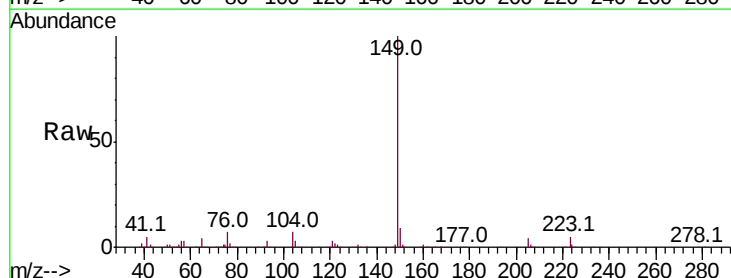
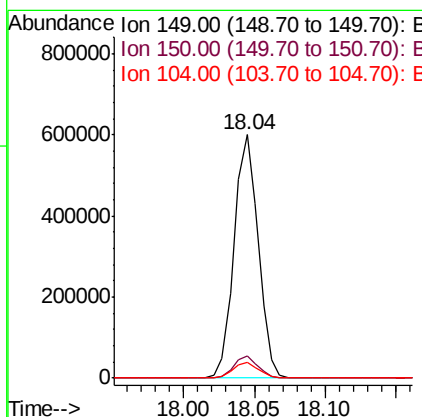
Manual Integrations
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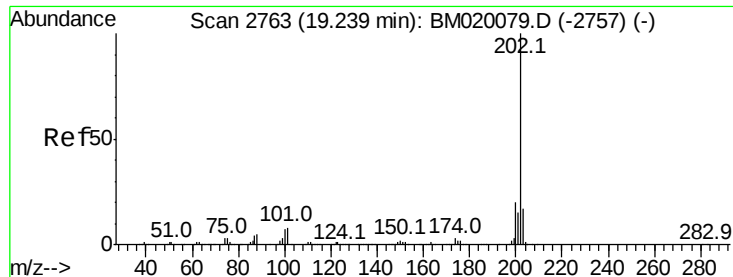
Sohil
 5/24/2019 5:01:40 PM



#74
 Di-n-butylphthalate
 Concen: 38.097 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	6.5	5.7	8.5





#75

Fluoranthene

Concen: 44.644 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

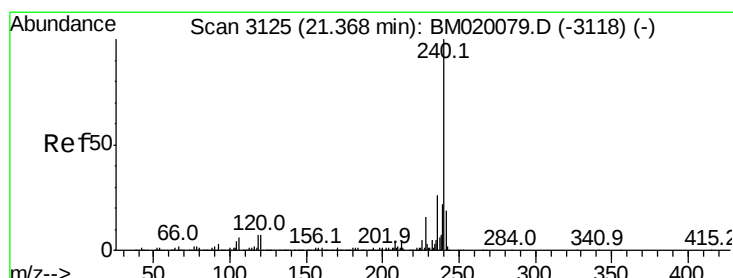
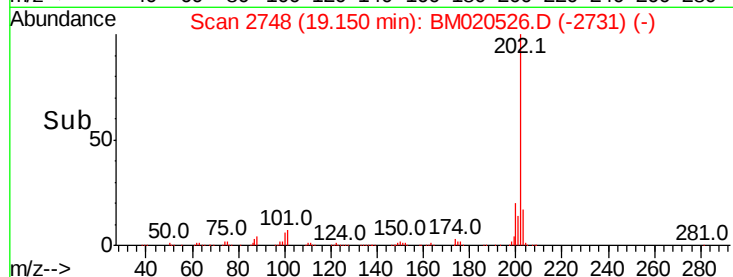
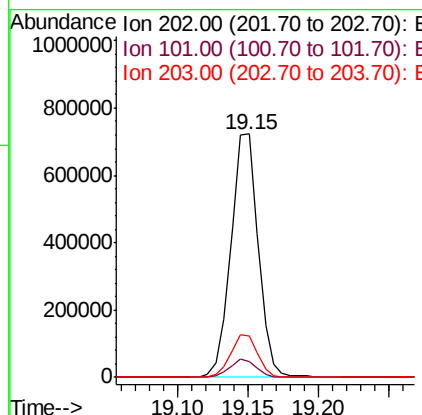
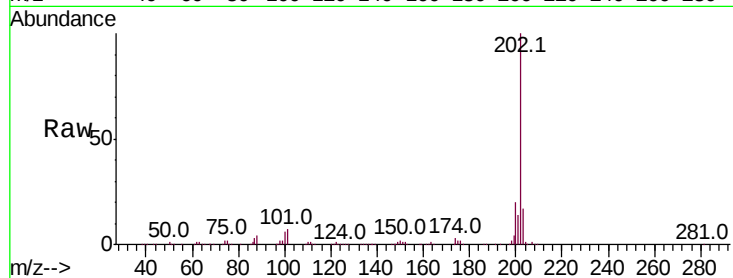
ClientSampleId :

OK-01-052119MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	0.0	28.4
203	17.0	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

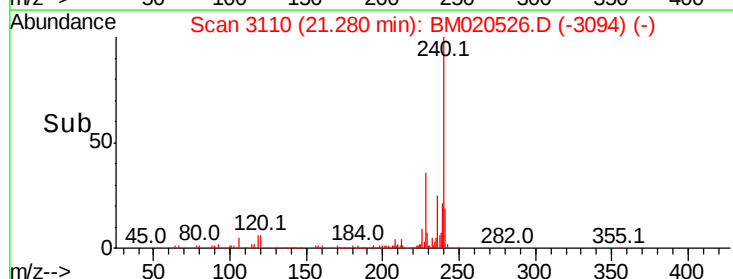
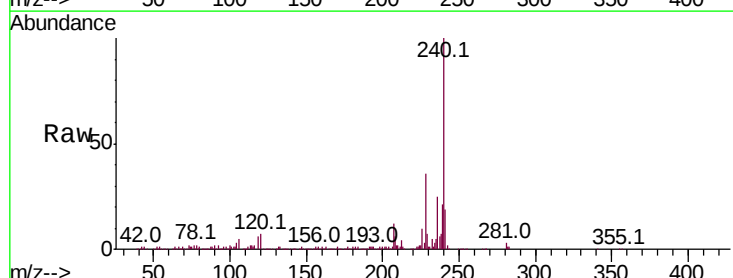
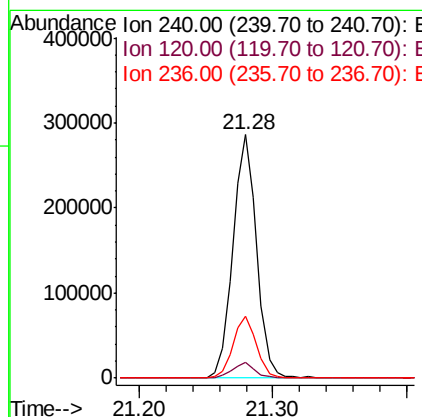
RT: 21.28 min Scan# 3110

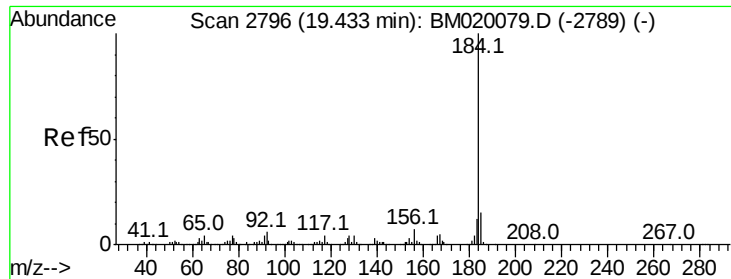
Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.6	5.6	8.4
236	25.5	20.9	31.3





#77

Benzidine

Concen: 1.072 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

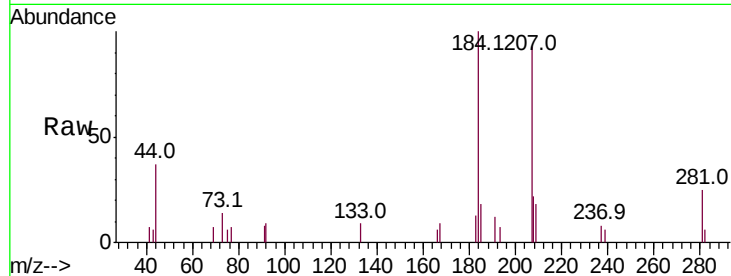
ClientSampleId :

OK-01-052119MS

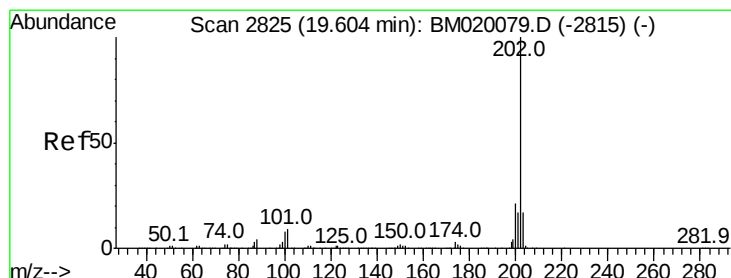
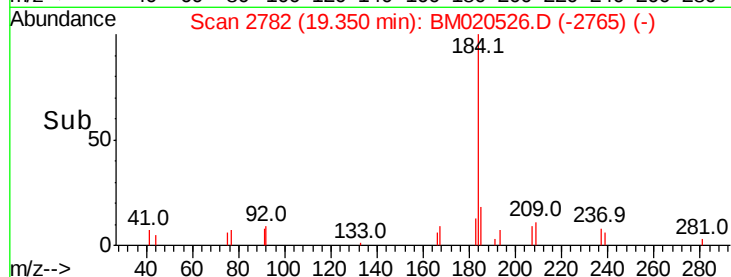
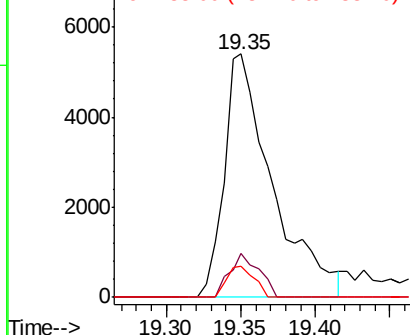
Tot Ion:	184	Resp:	12166
Ion Ratio	Lower	Upper	
184	100		
185	18.1	12.0	18.0#
183	12.9	9.5	14.3

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



#78

Pyrene

Concen: 41.535 ng

RT: 19.52 min Scan# 2810

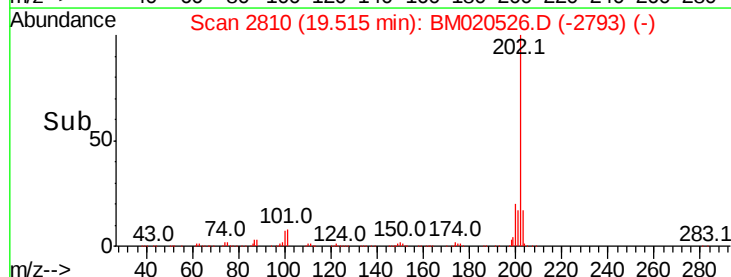
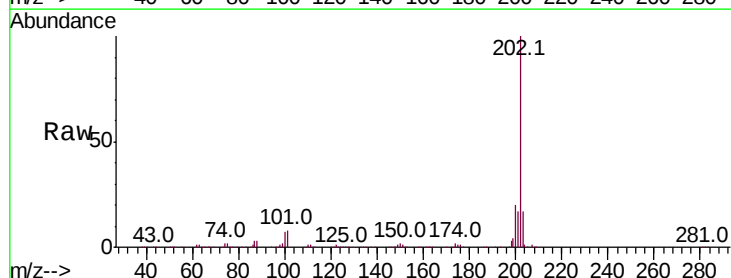
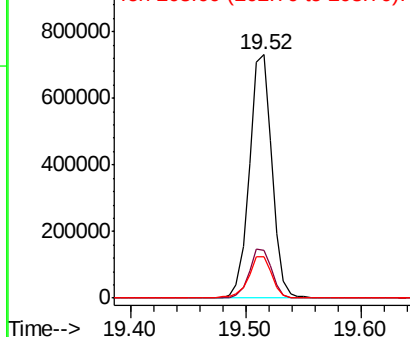
Delta R.T. 0.00 min

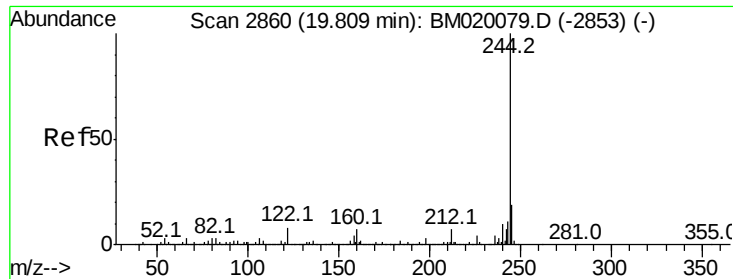
Lab File: BM020526.D

Acq: 23 May 2019 21:22

Tgt Ion:	202	Resp:	989824
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.5	24.7
203	17.2	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





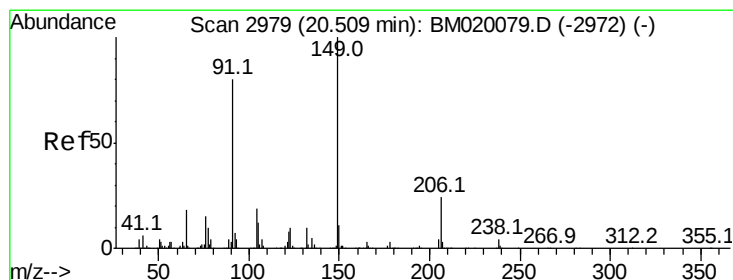
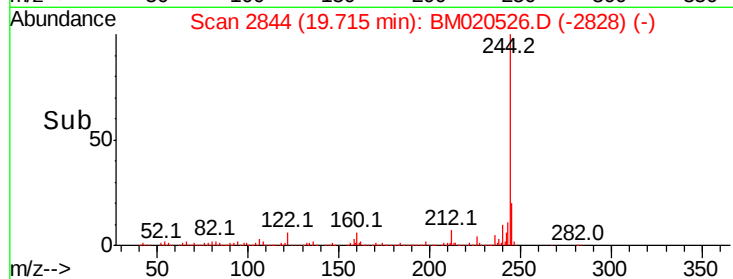
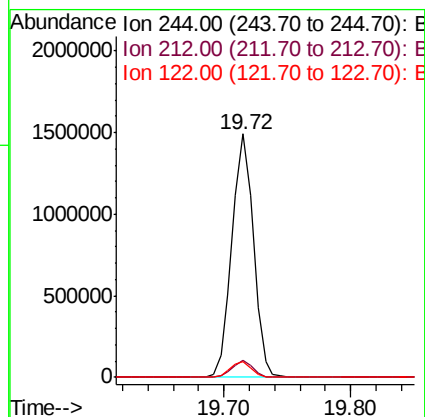
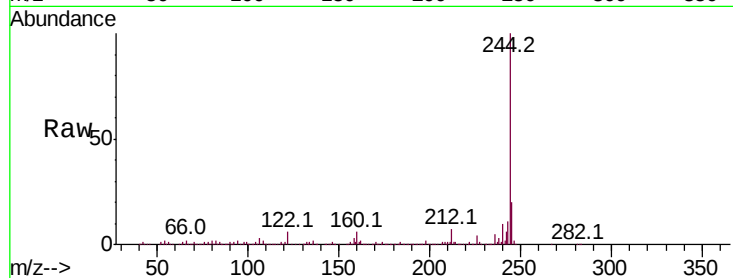
#79
 Terphenyl-d14
 Concen: 86.039 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	6.4	6.2	9.2

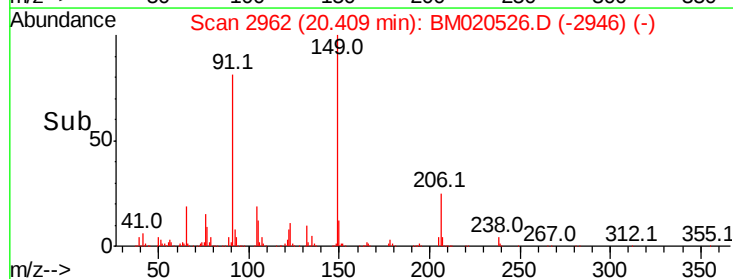
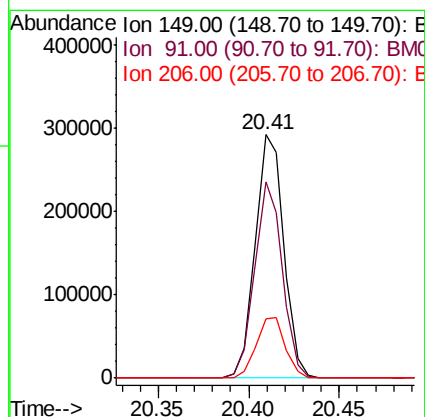
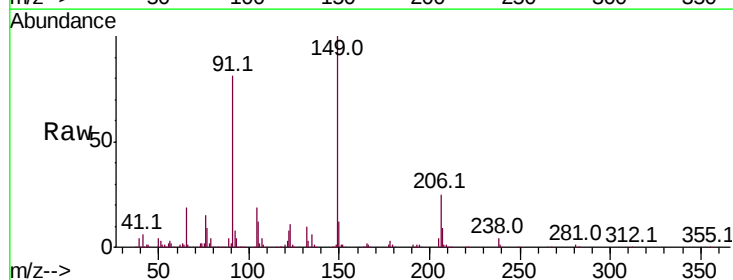
Manual Integrations
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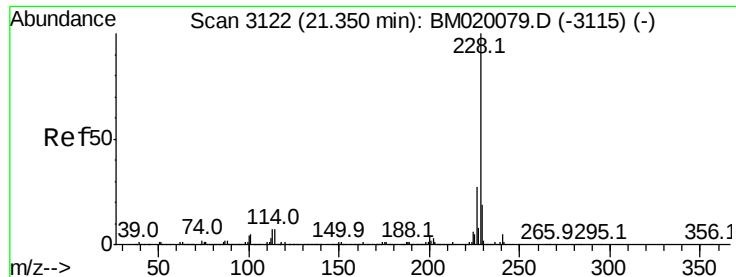
Sohil
 5/24/2019 5:01:40 PM



#80
 Butylbenzylphthalate
 Concen: 36.886 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM020526.D
 Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.6	63.8	95.8
206	24.5	18.9	28.3





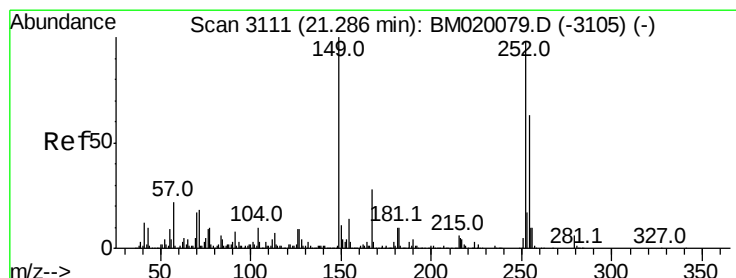
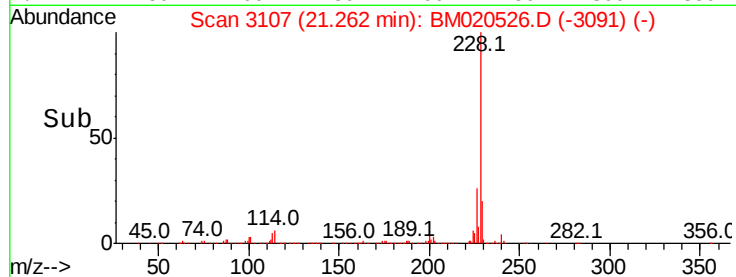
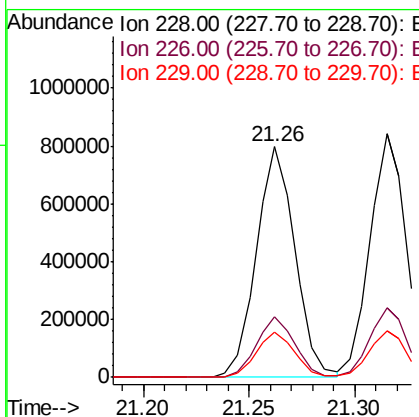
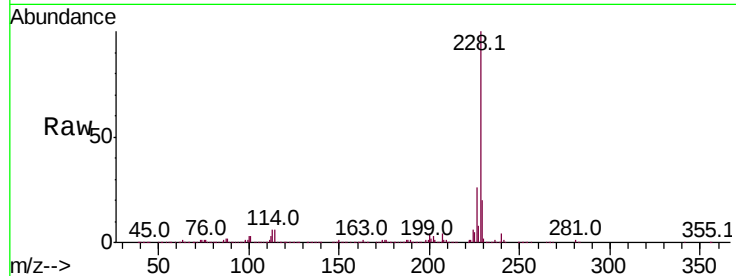
#81
Benzo(a)anthracene
Concen: 40.690 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	19.6	15.5	23.3

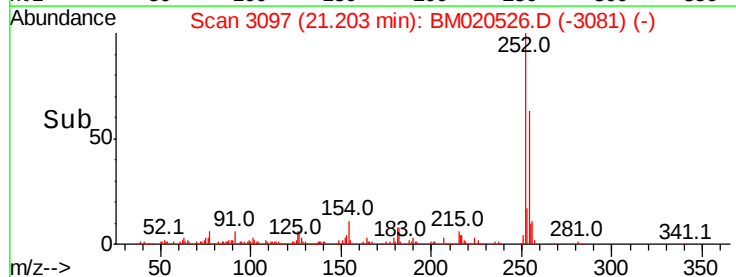
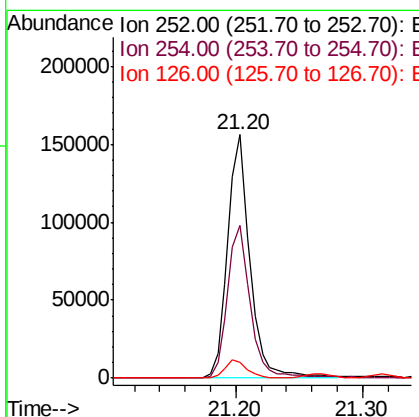
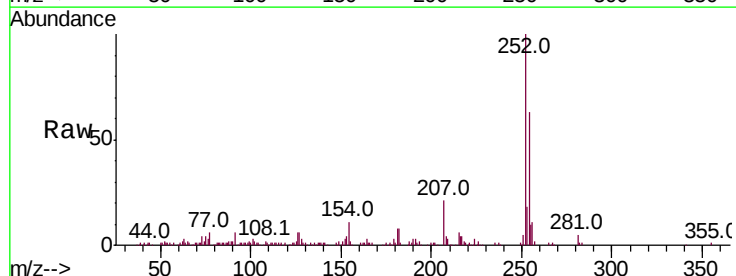
Manual Integrations
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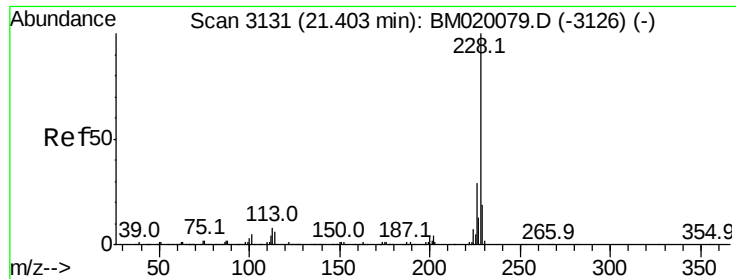
Sohil
5/24/2019 5:01:40 PM



#82
3,3'-Dichlorobenzidine
Concen: 20.085 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.1	76.7
126	6.3	7.1	10.7





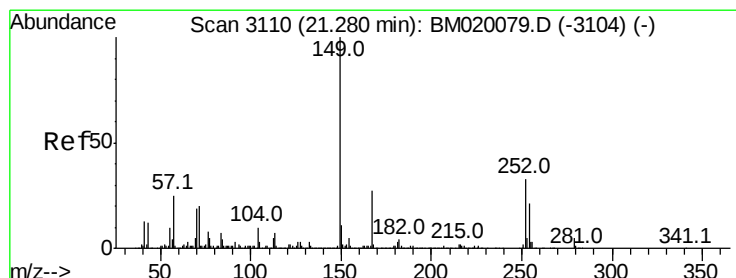
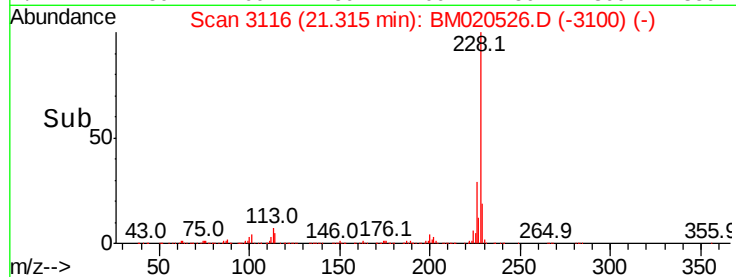
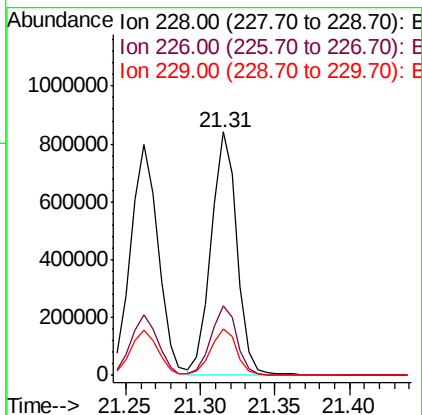
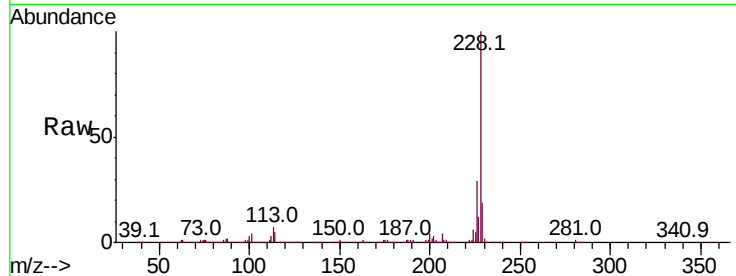
#83
Chrysene
Concen: 41.869 ng
RT: 21.31 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.3	15.5	23.3

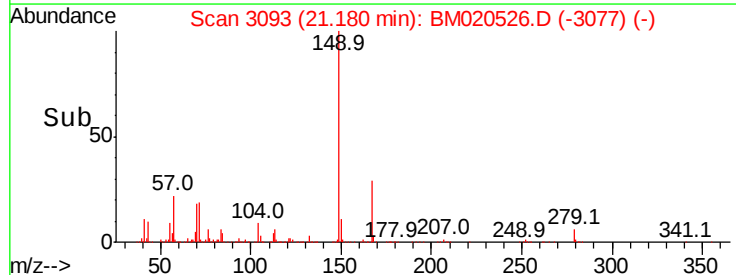
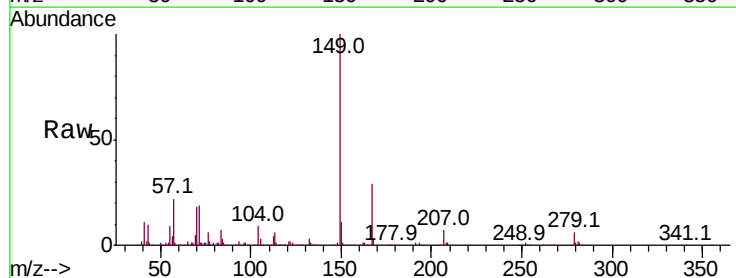
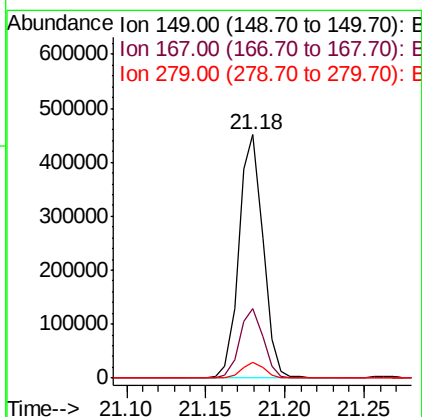
Manual Integrations
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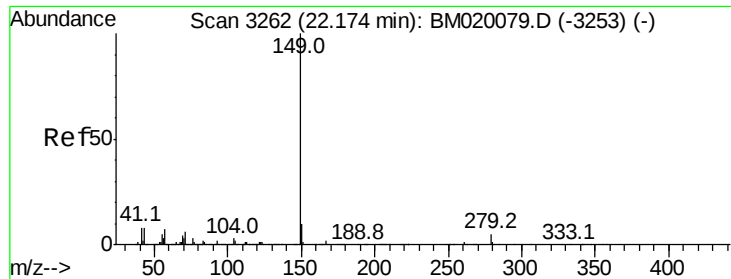
Sohil
5/24/2019 5:01:40 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.187 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.8	32.8
279	6.5	4.2	6.2#





#85

Di-n-octyl phthalate

Concen: 38.137 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM020526.D

Acq: 23 May 2019 21:22

Instrument :

BNA_M

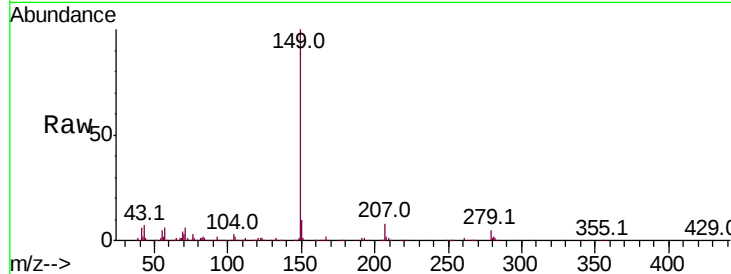
ClientSampleId :

OK-01-052119MS

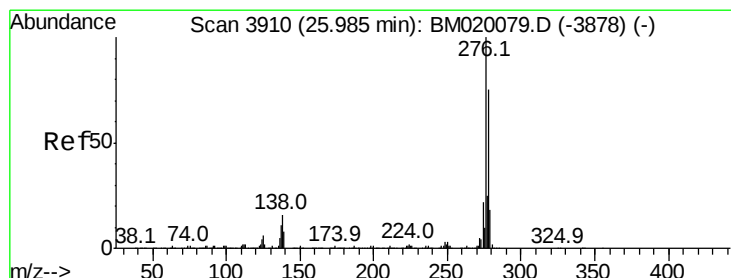
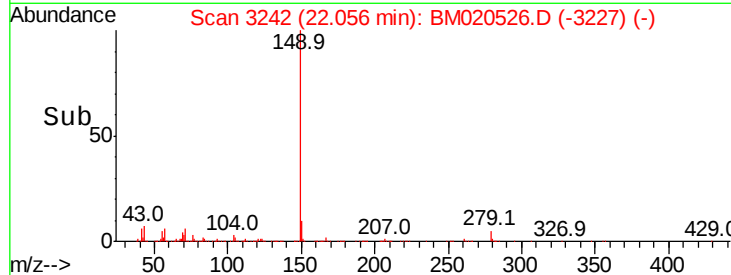
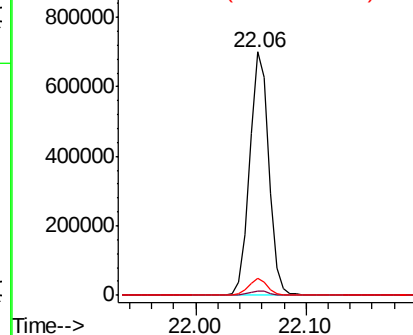
Tot Ion	Ratio	Resp	Lower	Upper
149	100	852392		
167	1.7	1.3	1.9	
43	6.4	6.5	9.7#	

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.998 ng

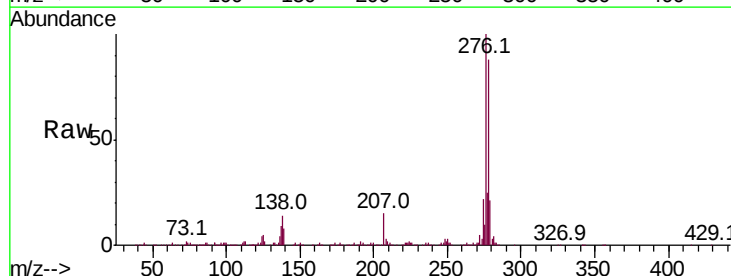
RT: 25.80 min Scan# 3879

Delta R.T. -0.02 min

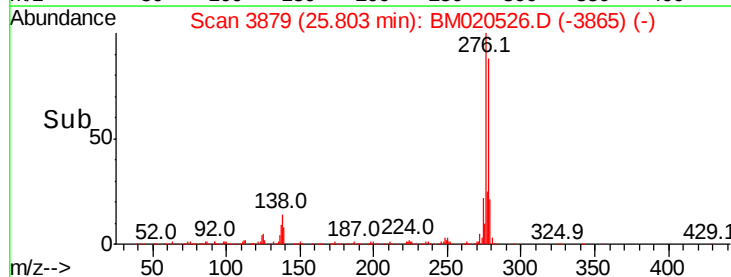
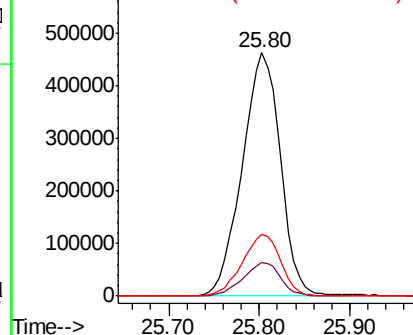
Lab File: BM020526.D

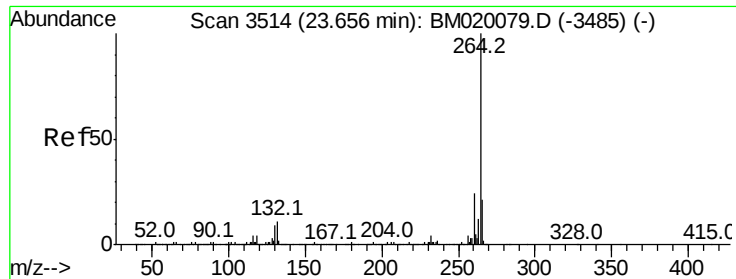
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1349599		
138	13.6	0.0	0.0#	
277	25.6	0.0	0.0#	



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





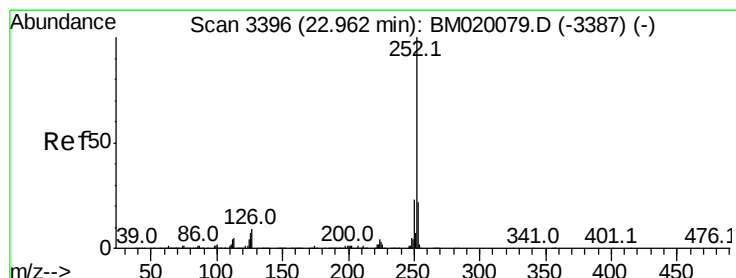
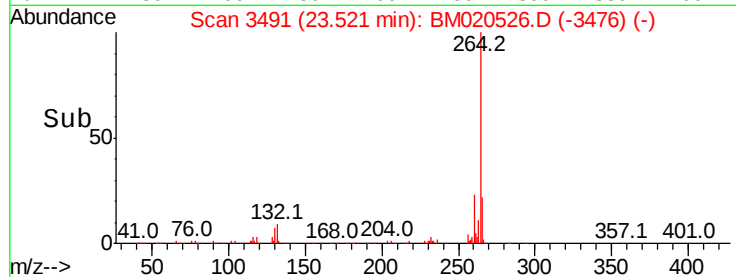
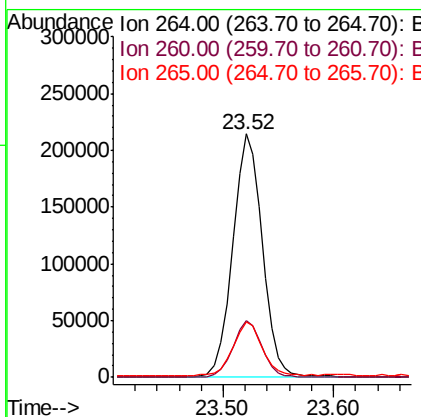
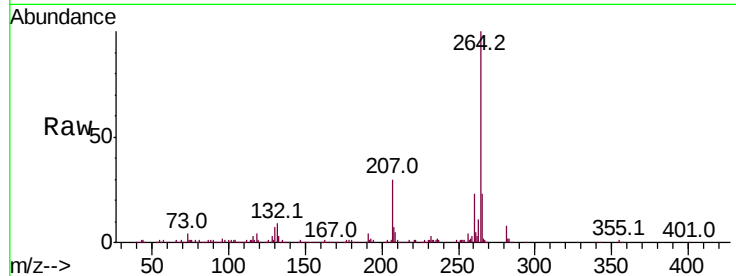
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.52 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion:	264	Resp:	404174
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	22.6	16.9	25.3

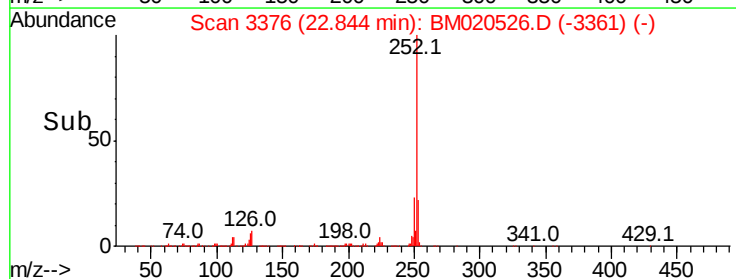
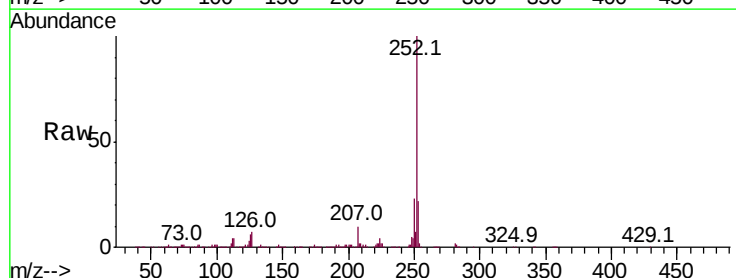
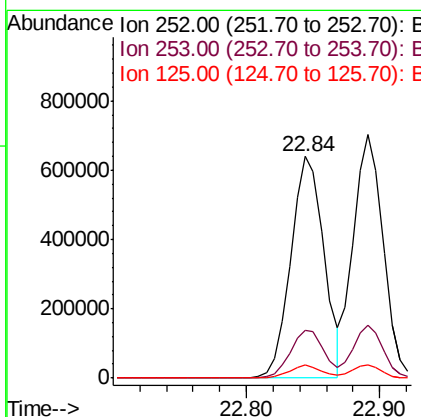
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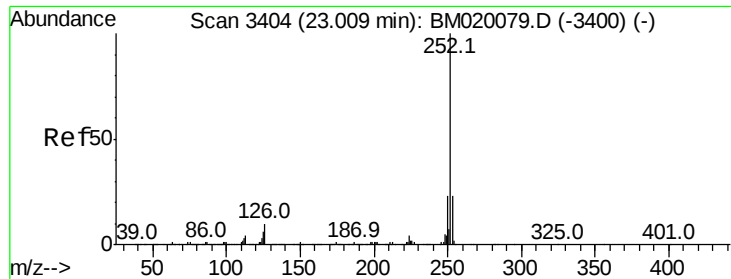
Sohil
5/24/2019 5:01:40 PM



#88
Benzo(b)fluoranthene
Concen: 41.217 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion:	252	Resp:	1100068
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	5.7	5.4	8.2





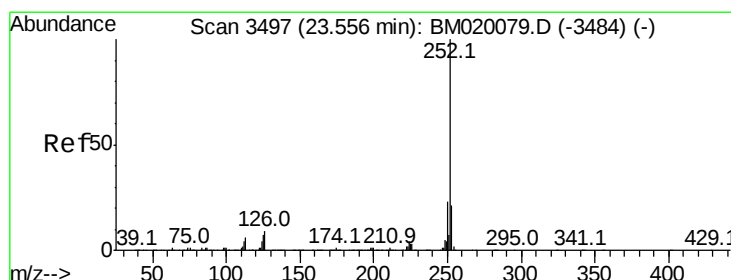
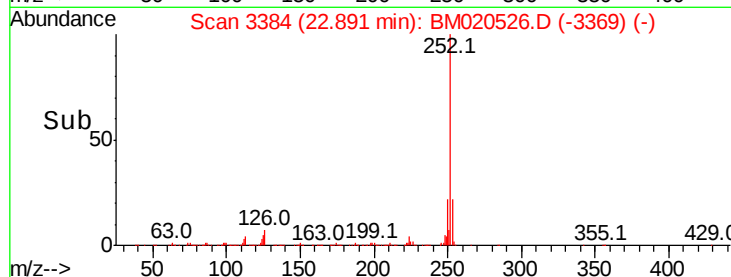
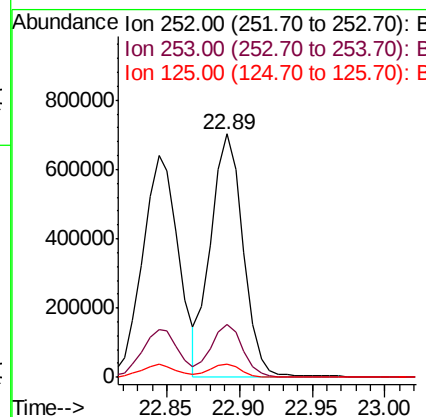
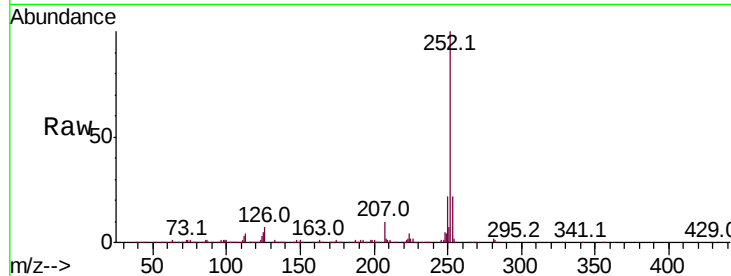
#89
Benzo(k)fluoranthene
Concen: 45.121 ng m
RT: 22.89 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	5.3	5.4	8.0

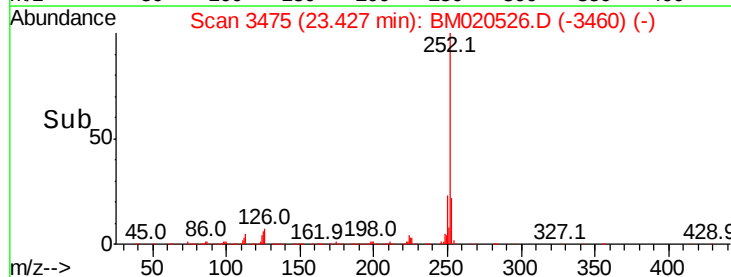
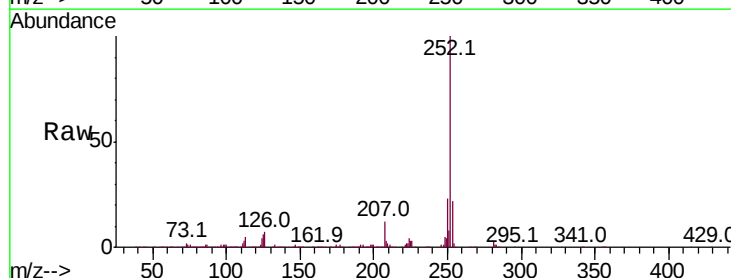
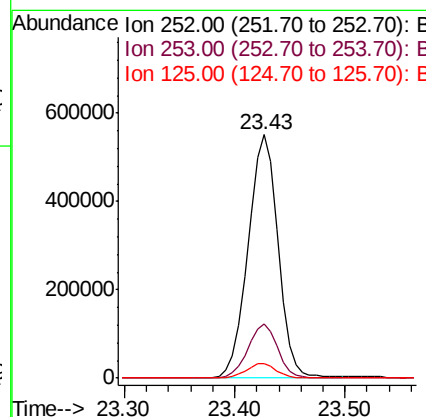
Manual Integrations
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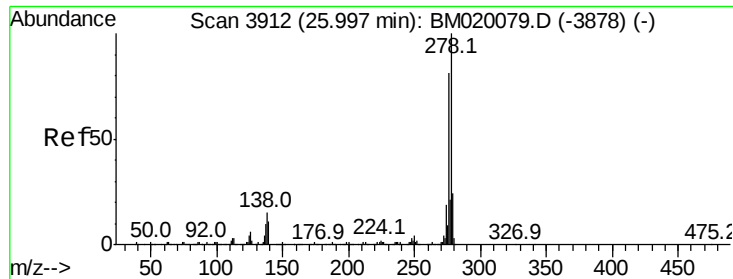
Sohil
5/24/2019 5:01:40 PM



#90
Benzo(a)pyrene
Concen: 43.466 ng
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	6.2	5.5	8.3





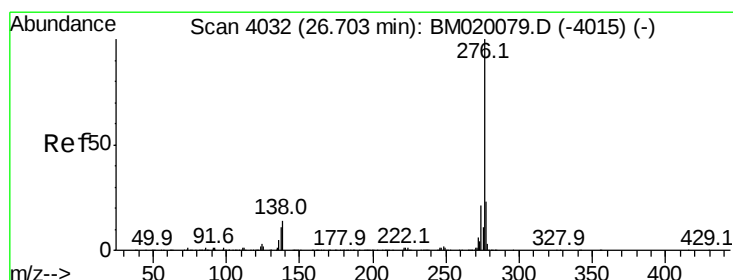
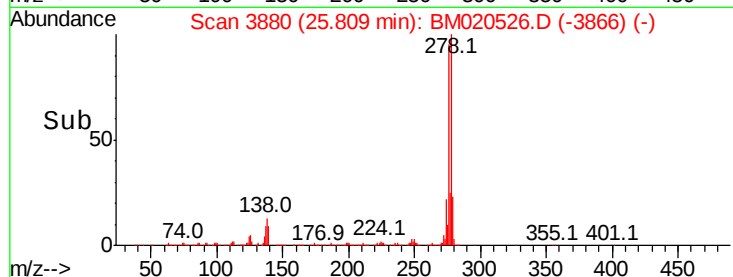
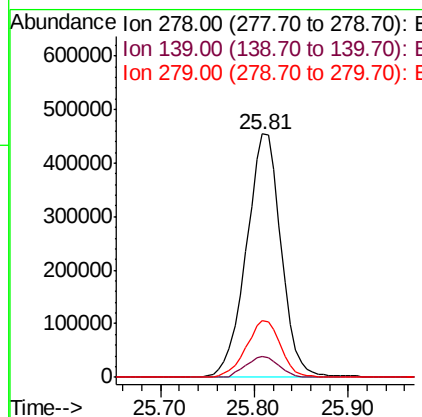
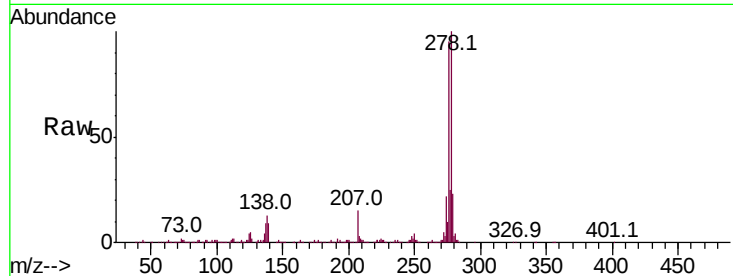
#91
Dibenzo(a,h)anthracene
Concen: 46.127 ng
RT: 25.81 min Scan# 3880
Delta R.T. -0.02 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Instrument :
BNA_M
ClientSampleId :
OK-01-052119MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	8.6	13.0#
279	23.5	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/24/2019 5:01:40 PM



#92
Benzo(g,h,i)perylene
Concen: 47.429 ng
RT: 26.50 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BM020526.D
Acq: 23 May 2019 21:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	11.2	11.1	16.7

