

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020087.D
 Acq On : 01 May 2019 13:12
 Operator : JU/SJ
 Sample : PB119042BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Manual Integrations
 APPROVED

Sohil
 5/2/2019 2:19:55 AM

Quant Time: May 02 01:51:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	145989	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	549544	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	331115	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	732298	20.00	ng	0.00
76) Chrysene-d12	21.36	240	622298	20.00	ng	0.00
87) Perylene-d12	23.65	264	518631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1260894	141.18	ng	0.00
7) Phenol-d6	6.96	99	1688083	138.35	ng	0.00
23) Nitrobenzene-d5	8.96	82	1064811	76.50	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	673862	131.11	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2047678	76.09	ng	0.00
79) Terphenyl-d14	19.80	244	3042184	85.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	148841	33.979	ng	96
3) Pyridine	3.70	79	380194	33.937	ng	98
4) n-Nitrosodimethylamine	3.62	42	141802	39.473	ng	93
6) Aniline	7.13	93	502997	32.749	ng	99
8) 2-Chlorophenol	7.36	128	379503	39.024	ng	99
9) Benzaldehyde	6.94	77	289910	31.393	ng	97
10) Phenol	6.98	94	514832	39.195	ng	99
11) bis(2-Chloroethyl)ether	7.23	93	363130	38.037	ng	98
12) 1,3-Dichlorobenzene	7.67	146	412529	36.460	ng	96
13) 1,4-Dichlorobenzene	7.83	146	424352	37.126	ng	95
14) 1,2-Dichlorobenzene	8.14	146	408979	37.557	ng	97
15) Benzyl Alcohol	8.03	79	448482	38.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	300287	37.933	ng	99
17) 2-Methylphenol	8.22	107	333205	39.407	ng	98
18) Hexachloroethane	8.86	117	171005	35.881	ng	97
19) n-Nitroso-di-n-propylamine	8.60	70	381533	36.549	ng	97
20) 3+4-Methylphenols	8.55	107	437742	38.953	ng	99
22) Acetophenone	8.62	105	617834	41.137	ng	98
24) Nitrobenzene	9.00	77	563847	39.069	ng	98
25) Isophorone	9.52	82	931256	38.796	ng	99
26) 2-Nitrophenol	9.70	139	180351	41.393	ng	97
27) 2,4-Dimethylphenol	9.76	122	339294	46.774	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	510260	39.030	ng	100
29) 2,4-Dichlorophenol	10.23	162	380542	41.603	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	450362	40.015	ng	98
31) Naphthalene	10.63	128	1126022	39.485	ng	99
32) Benzoic acid	9.89	122	176491	36.097	ng	98
33) 4-Chloroaniline	10.75	127	244034	20.791	ng	97
34) Hexachlorobutadiene	10.90	225	301003	37.806	ng	99
35) Caprolactam	11.54	113	98279m	35.933	ng	
36) 4-Chloro-3-methylphenol	11.86	107	414811	38.591	ng	97
37) 2-Methylnaphthalene	12.25	142	826780	39.767	ng	99
38) 1-Methylnaphthalene	12.47	142	785986	38.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	523427	40.405	ng	99

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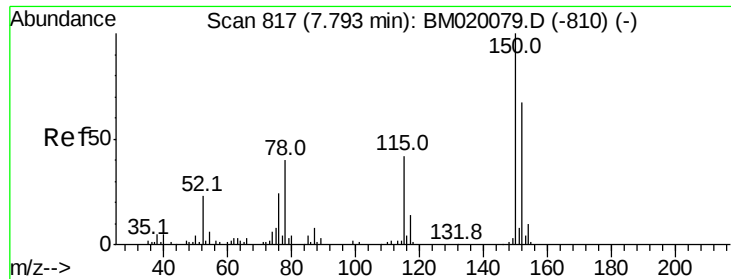
Manual Integrations
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 5/2/2019 2:19:55 AM

Quant Time: May 02 01:51:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.59	237	710049	93.089	ng	98
43) 2,4,6-Trichlorophenol	12.86	196	319277	43.366	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	340934	41.452	ng	95
46) 1,1'-Biphenyl	13.26	154	1086375	39.861	ng	99
47) 2-Chloronaphthalene	13.31	162	863340	39.675	ng	99
48) 2-Nitroaniline	13.52	65	299535	38.665	ng	98
49) Acenaphthylene	14.16	152	1301522	37.373	ng	100
50) Dimethylphthalate	13.90	163	1057639	37.582	ng	99
51) 2,6-Dinitrotoluene	14.02	165	222966	37.617	ng	94
52) Acenaphthene	14.50	154	763393	38.226	ng	98
53) 3-Nitroaniline	14.35	138	134897	24.521	ng	97
54) 2,4-Dinitrophenol	14.55	184	235050	79.256	ng	97
55) Dibenzofuran	14.83	168	1289458	38.279	ng	98
56) 4-Nitrophenol	14.65	139	348845	74.321	ng	99
57) 2,4-Dinitrotoluene	14.80	165	301504	37.435	ng	97
58) Fluorene	15.48	166	1022654	36.966	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	311574	39.863	ng	100
60) Diethylphthalate	15.26	149	1036851	36.569	ng	99
61) 4-Chlorophenyl-phenylether	15.48	204	597774	38.135	ng	95
62) 4-Nitroaniline	15.52	138	202757	33.397	ng	99
63) Azobenzene	15.77	77	1223042	36.565	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	143936	40.305	ng	96
66) n-Nitrosodiphenylamine	15.70	169	889937	41.300	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	360875	40.187	ng	97
68) Hexachlorobenzene	16.47	284	413973	40.061	ng	97
69) Atrazine	16.64	200	318093	37.774	ng	97
70) Pentachlorophenol	16.82	266	488675	82.652	ng	98
71) Phenanthrene	17.22	178	1562255	38.647	ng	99
72) Anthracene	17.31	178	1580874	39.115	ng	99
73) Carbazole	17.59	167	1326944	36.386	ng	99
74) Di-n-butylphthalate	18.14	149	1609661	36.677	ng	98
75) Fluoranthene	19.24	202	1798753	35.169	ng	99
77) Benzidine	19.43	184	589711	29.641	ng	99
78) Pyrene	19.60	202	1817982	43.513	ng	100
80) Butylbenzylphthalate	20.50	149	639605	42.097	ng	97
81) Benzo(a)anthracene	21.35	228	1630844	37.369	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	526073	31.584	ng	100
83) Chrysene	21.40	228	1614159	38.137	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	907671	38.499	ng	100
85) Di-n-octyl phthalate	22.17	149	1437895	36.695	ng	99
86) Indeno(1,2,3-cd)pyrene	25.98	276	1662632	33.025	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1532828	44.757	ng	100
89) Benzo(k)fluoranthene	23.00	252	1544295	49.433	ng	99
90) Benzo(a)pyrene	23.55	252	1469746	47.247	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1440934	44.541	ng	99
92) Benzo(g,h,i)perylene	26.69	276	1390793	45.282	ng	98

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



#1

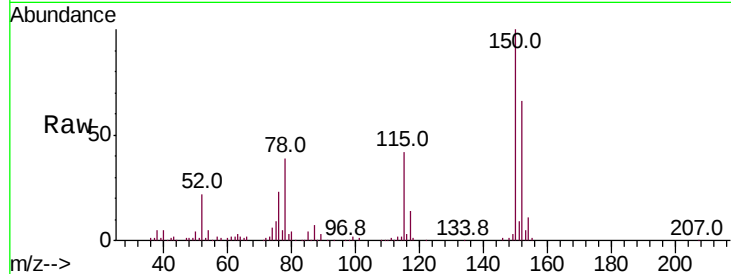
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.8	179.8
115	64.4	50.8	76.2

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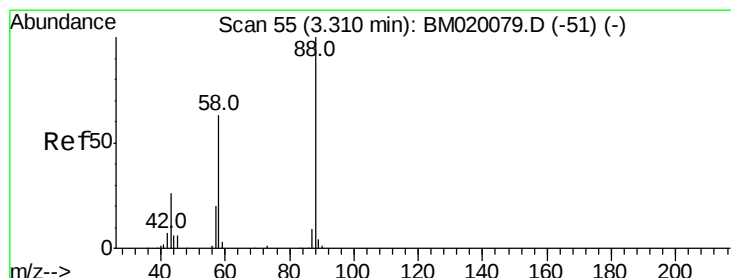
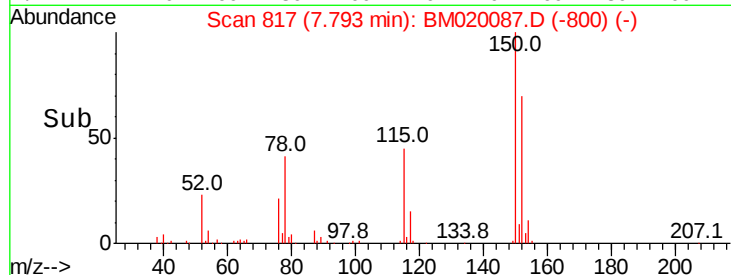
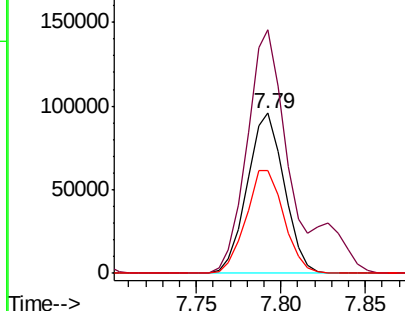


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

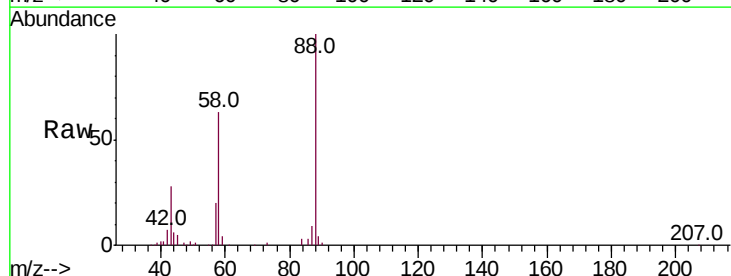
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.979 ng
RT: 3.31 min Scan# 55
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	51.8	77.6
43	24.1	20.3	30.5

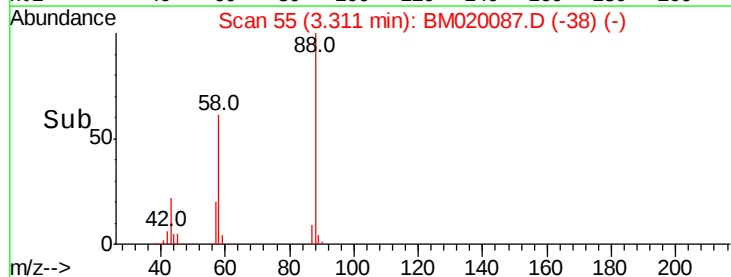
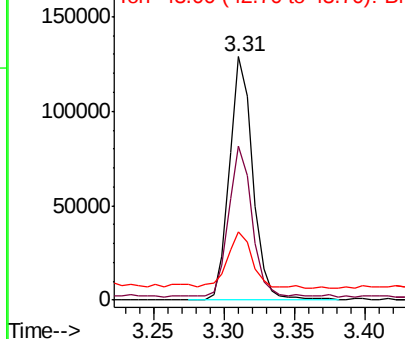


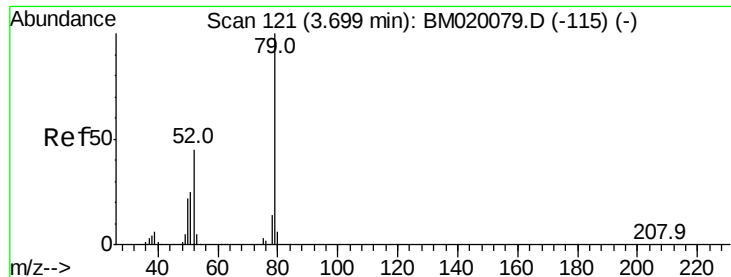
Abundance

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: 33.937 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

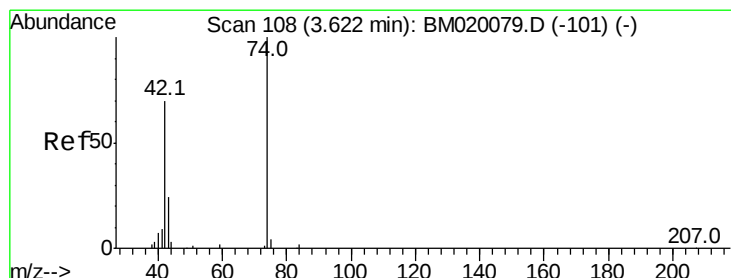
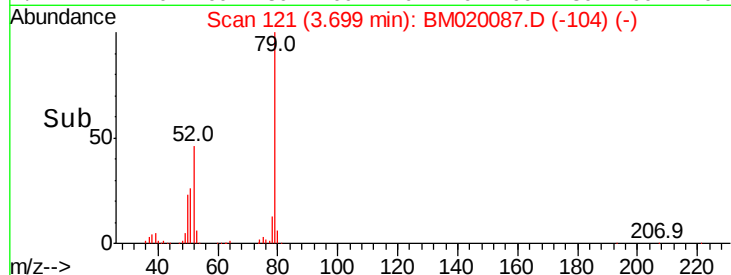
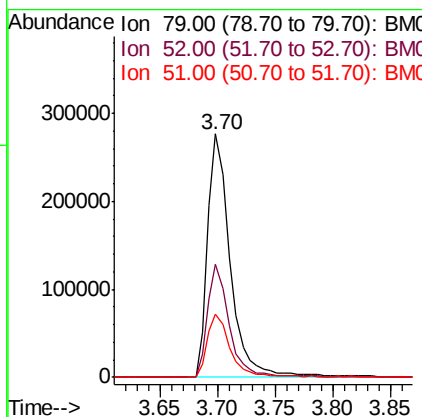
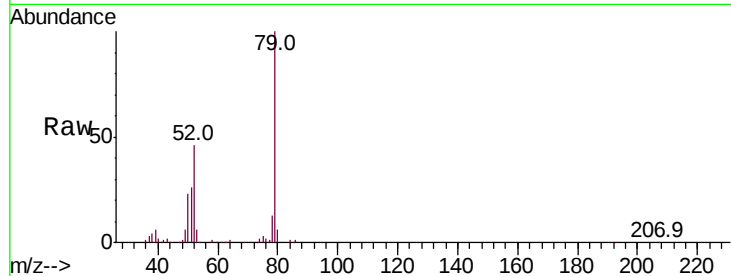
ClientSampleId :

PB119042BS

Tot Ion:	79	Resp:	380194
Ion Ratio	Lower	Upper	
79	100		
52	46.3	35.7	53.5
51	25.8	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 39.473 ng

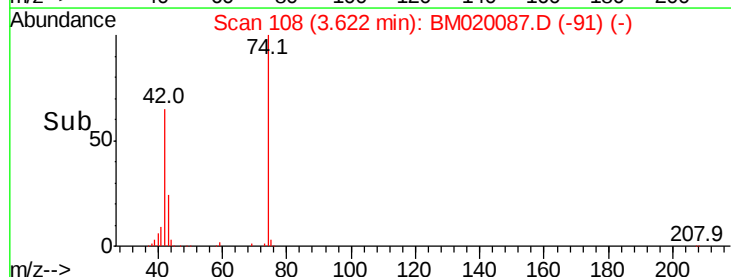
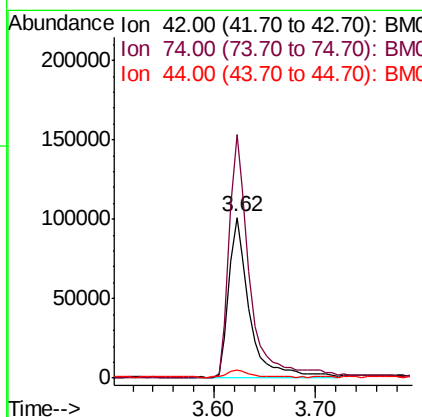
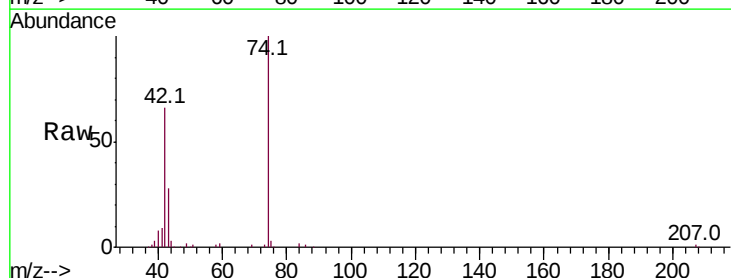
RT: 3.62 min Scan# 108

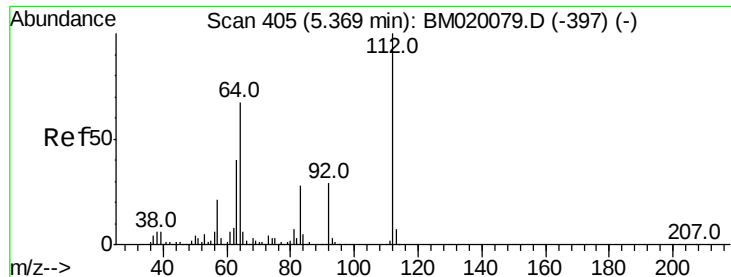
Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:	42	Resp:	141802
Ion Ratio	Lower	Upper	
42	100		
74	151.6	113.7	170.5
44	4.8	3.9	5.9





#5

2-Fluorophenol

Concen: 141.178 ng

RT: 5.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion:112 Resp: 1260894

Ion Ratio Lower Upper

112 100

64 69.3 53.8 80.6

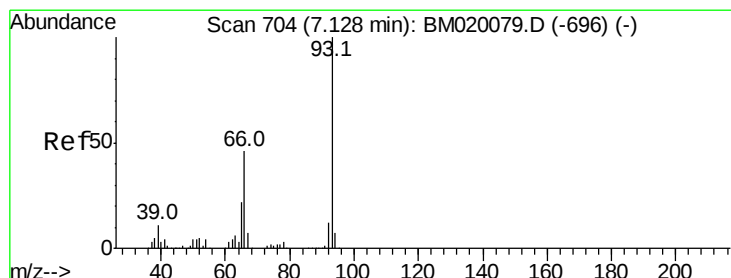
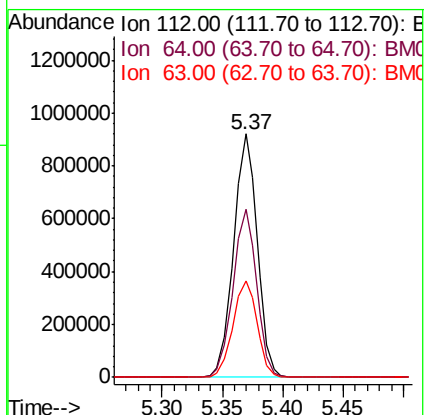
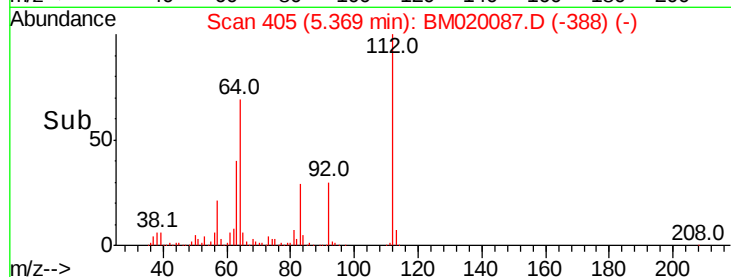
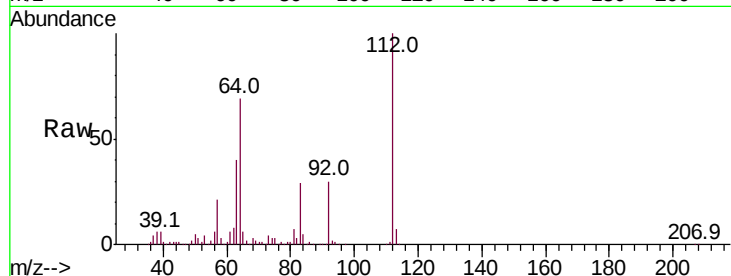
63 39.5 32.3 48.5

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#6

Aniline

Concen: 32.749 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

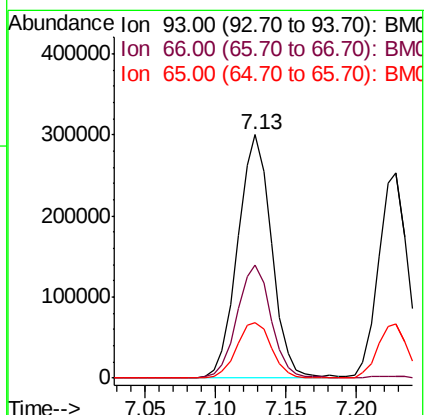
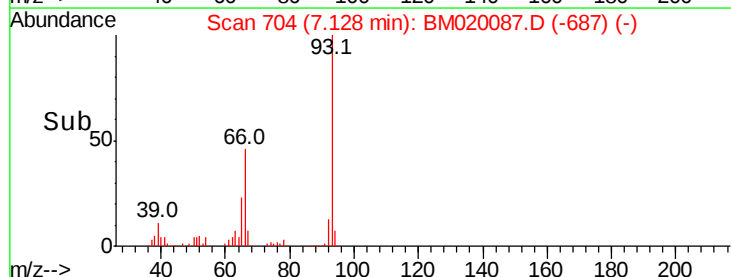
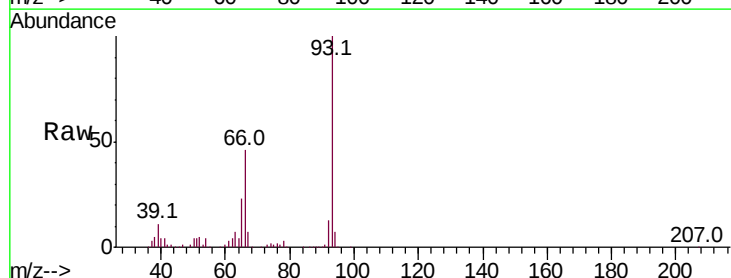
Tgt Ion: 93 Resp: 502997

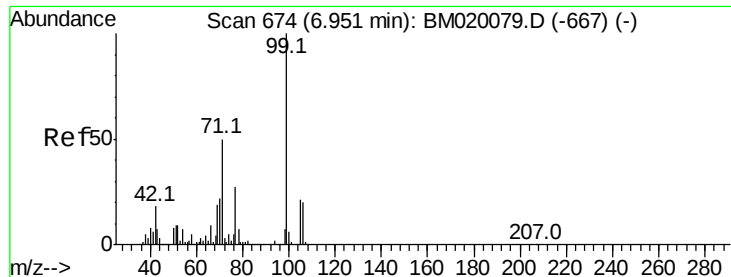
Ion Ratio Lower Upper

93 100

66 46.4 36.6 54.8

65 23.0 17.8 26.6





#7

Phenol-d6

Concen: 138.353 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion: 99 Resp: 1688083

Ion Ratio Lower Upper

99 100

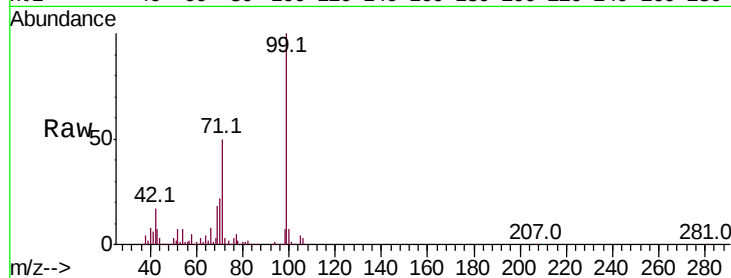
42 16.7 14.2 21.2

71 50.5 40.3 60.5

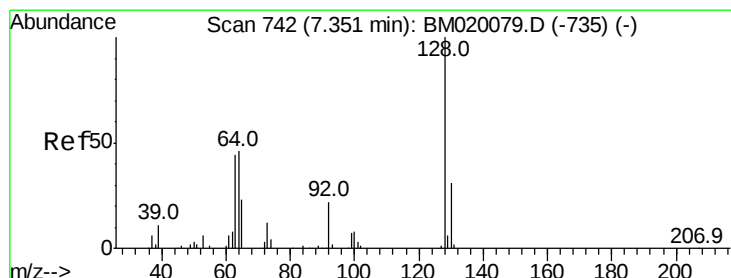
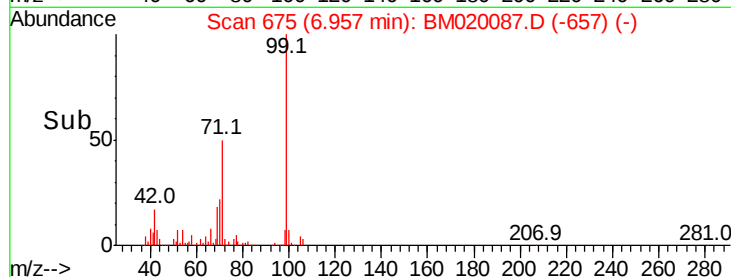
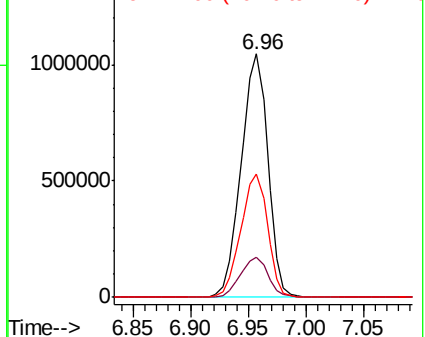
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Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 39.024 ng

RT: 7.36 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

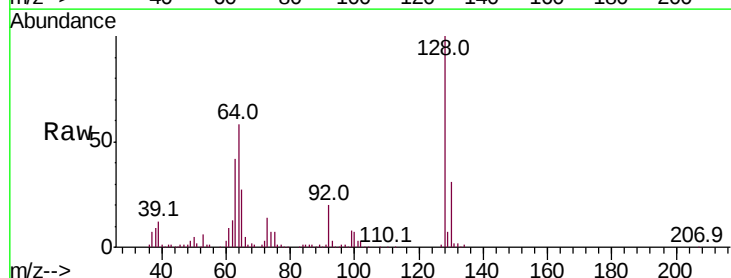
Tgt Ion:128 Resp: 379503

Ion Ratio Lower Upper

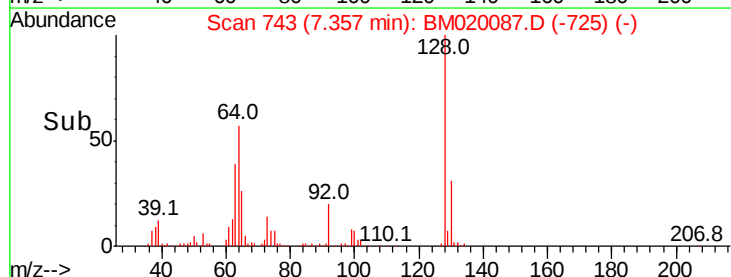
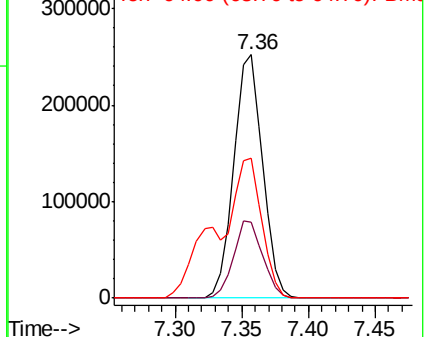
128 100

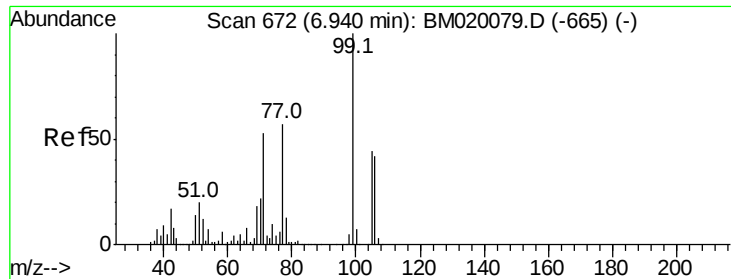
130 31.1 10.8 50.8

64 57.6 36.5 76.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 31.393 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

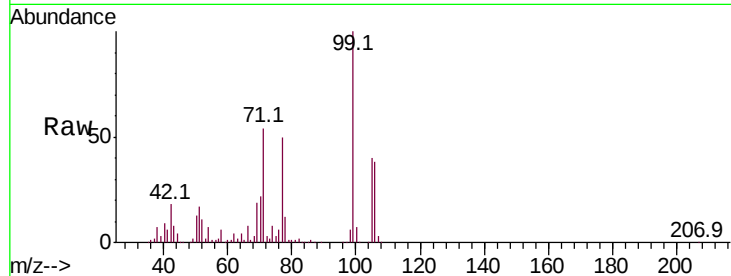
ClientSampleID :

PB119042BS

Tot Ion:	77	Resp:	289910
Ion Ratio	Lower	Upper	
77	100		
105	80.2	57.8	97.8
106	75.9	53.6	93.6

Manual Integrations
APPROVED

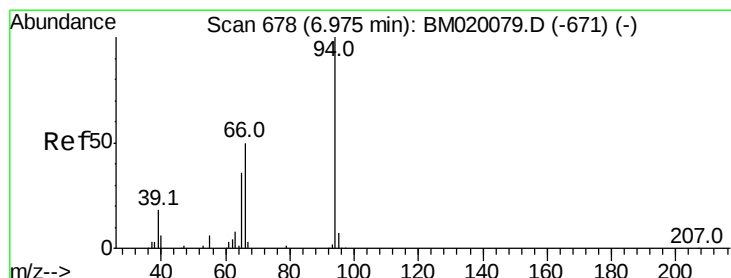
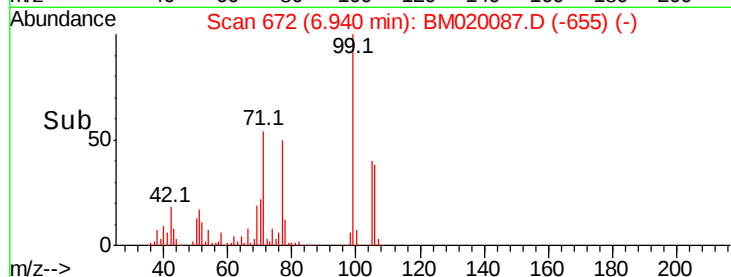
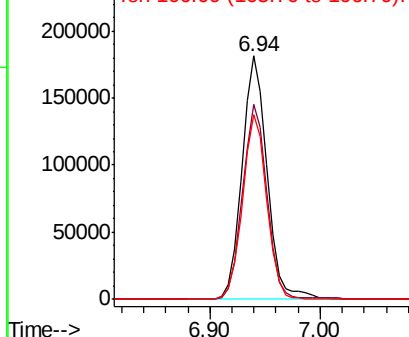
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Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020079.D (-665) (-)



#10

Phenol

Concen: 39.195 ng

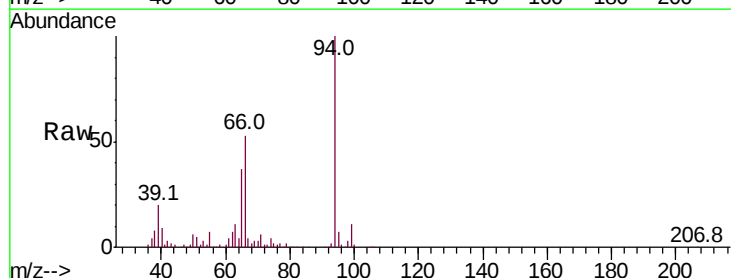
RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

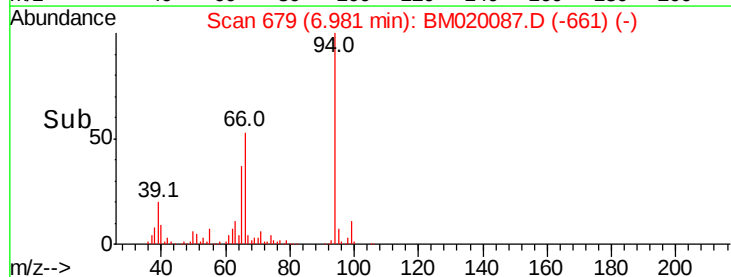
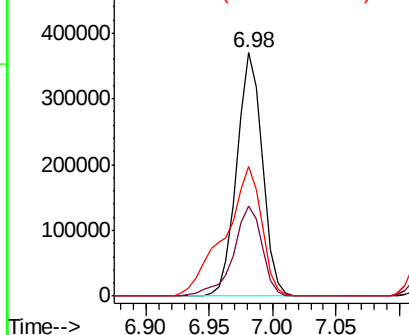
Tgt Ion:	94	Resp:	514832
Ion Ratio	Lower	Upper	
94	100		
65	37.2	17.0	57.0
66	53.2	34.5	74.5

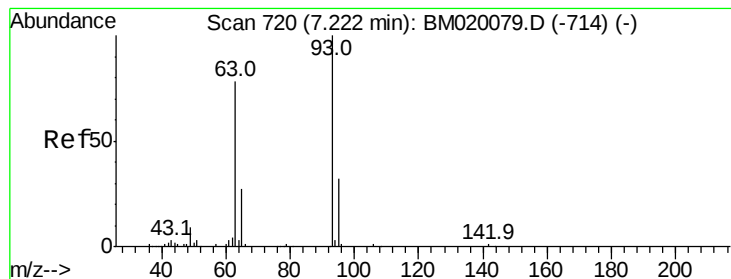


Abundance Ion 94.00 (93.70 to 94.70): BM020079.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM020079.D (-671) (-)





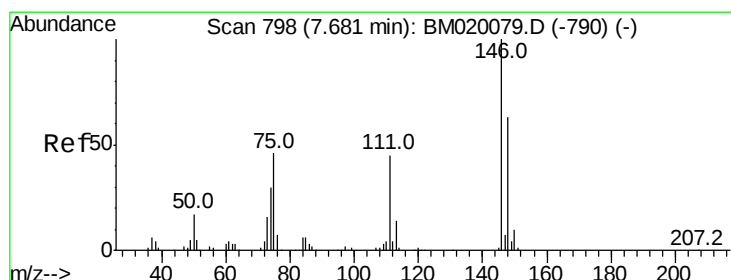
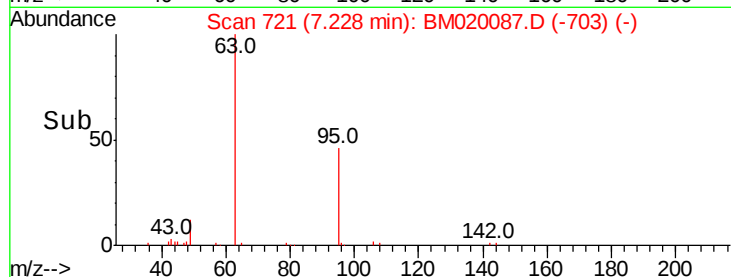
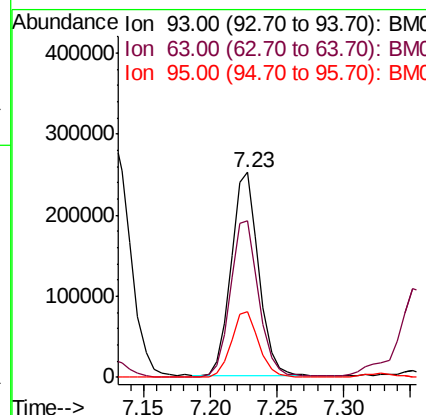
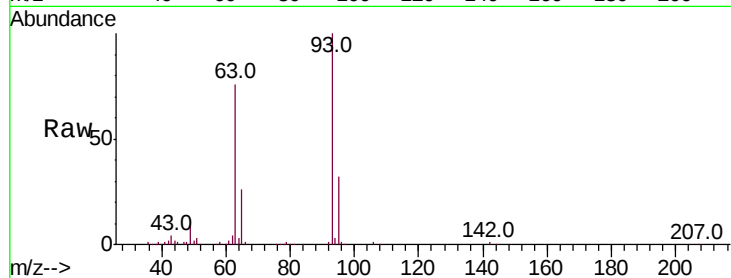
#11
bis(2-Chloroethyl)ether
Concen: 38.037 ng
RT: 7.23 min Scan# 721
Delta R.T. 0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	363130		
63	76.2	57.9	97.9	
95	32.0	11.3	51.3	

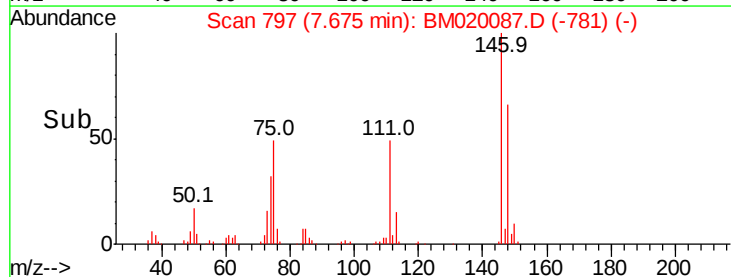
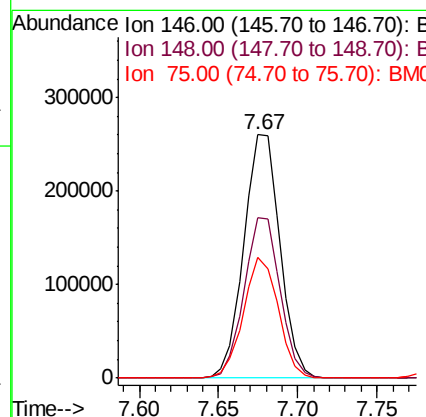
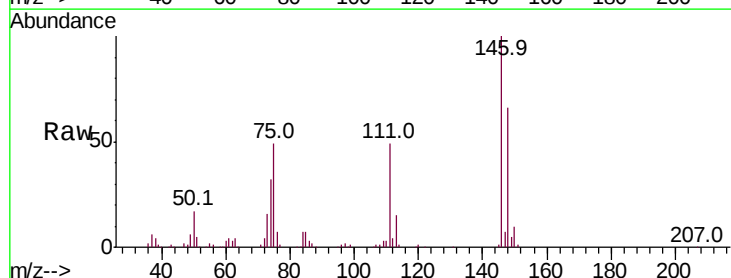
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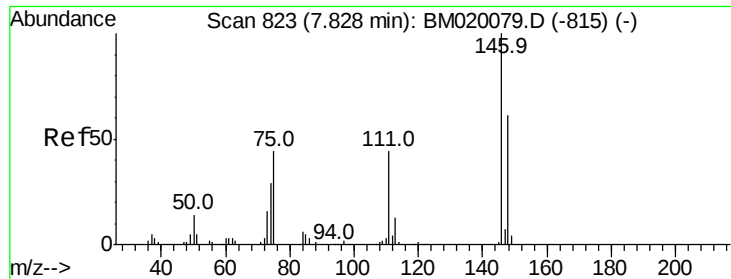
Sohil
5/2/2019 2:19:55 AM



#12
1,3-Dichlorobenzene
Concen: 36.460 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	412529		
148	65.7	50.1	75.1	
75	49.4	37.2	55.8	





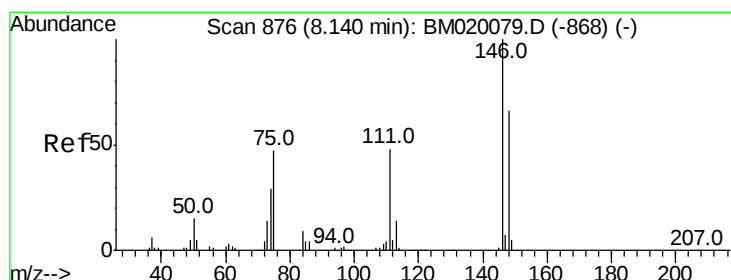
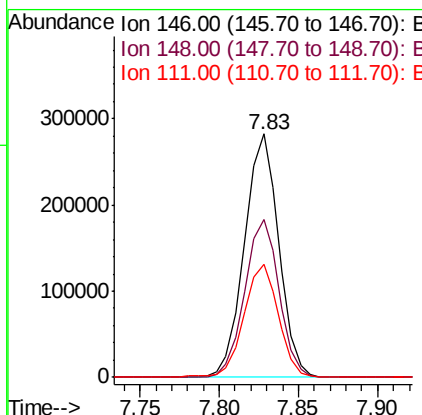
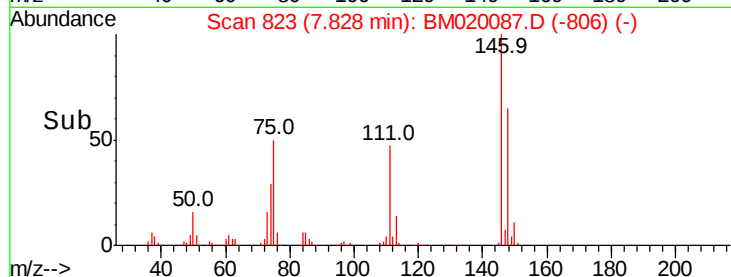
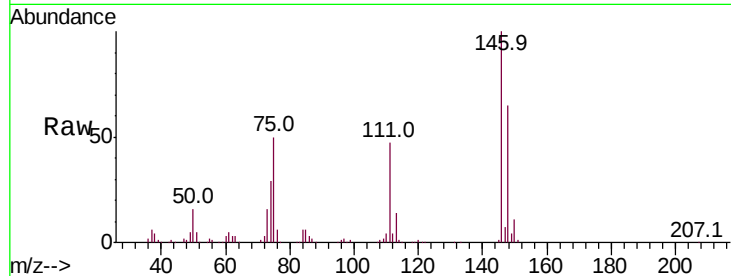
#13
1,4-Dichlorobenzene
Concen: 37.126 ng
RT: 7.83 min Scan# 823
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	48.5	72.7
111	46.6	35.7	53.5

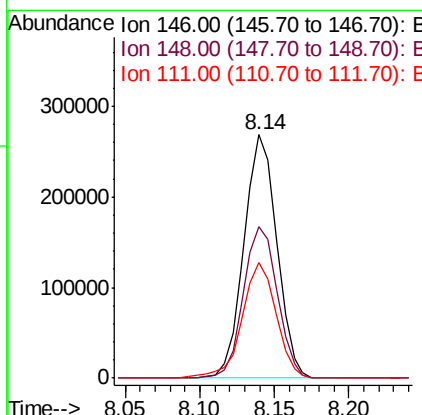
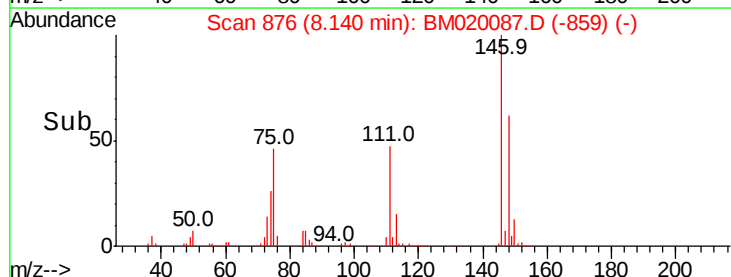
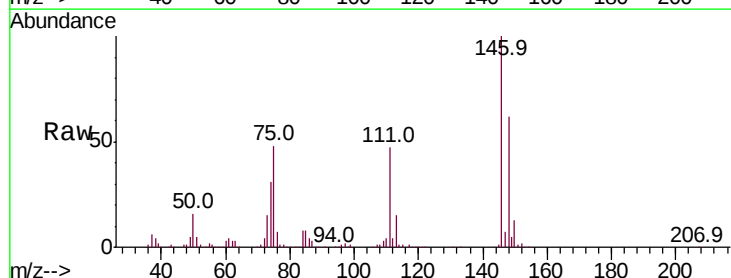
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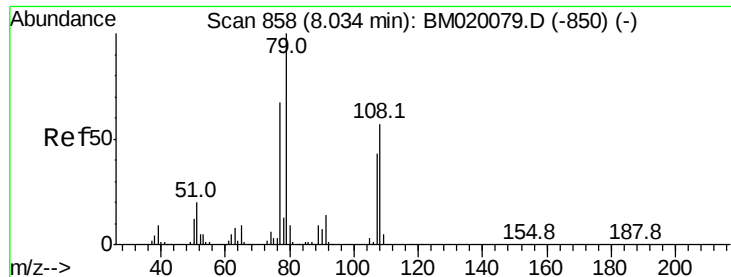
Sohil
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#14
1,2-Dichlorobenzene
Concen: 37.557 ng
RT: 8.14 min Scan# 876
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.6	79.0
111	47.5	39.0	58.4





#15

Benzyl Alcohol

Concen: 38.119 ng

RT: 8.03 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

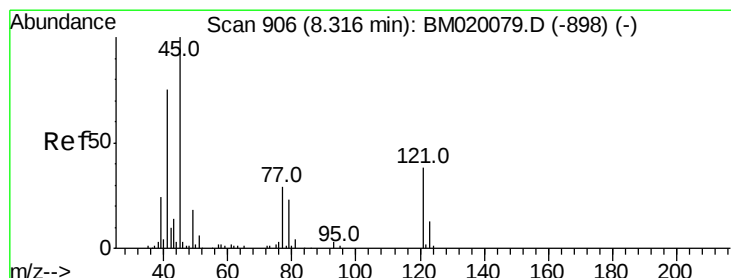
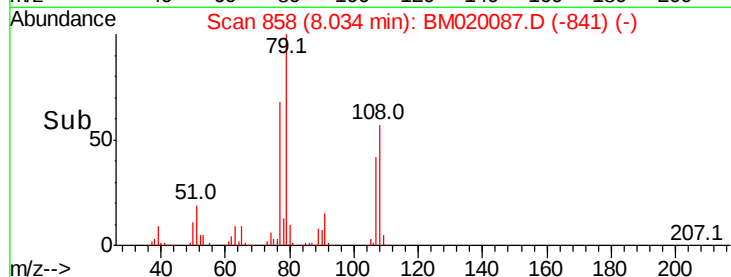
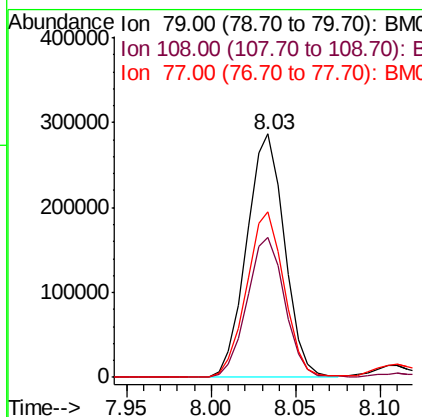
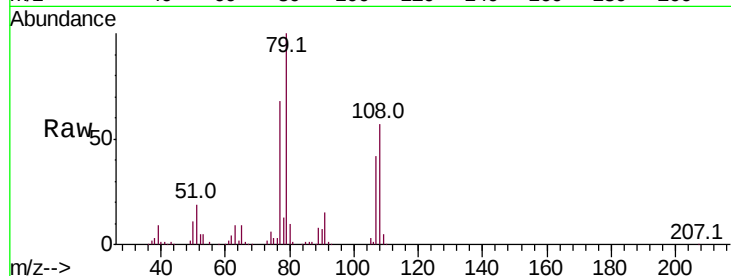
ClientSampleId :

PB119042BS

Tot Ion:	79	Resp:	448482
Ion Ratio	Lower	Upper	
79	100		
108	57.5	46.0	69.0
77	68.2	53.8	80.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.933 ng

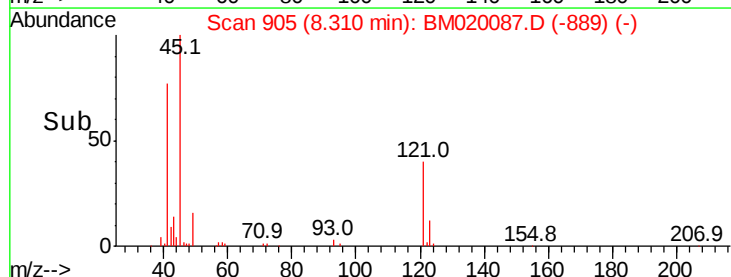
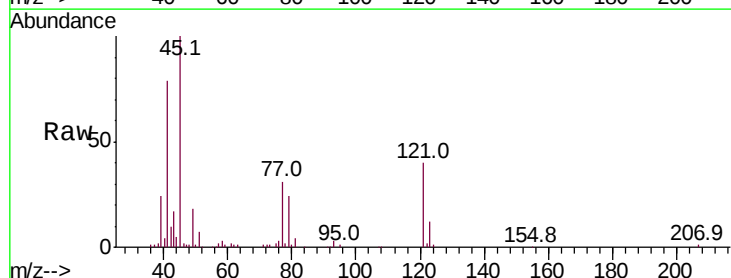
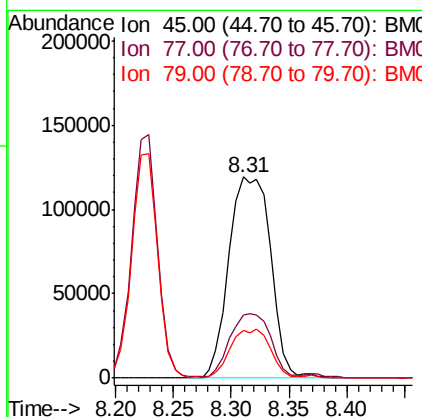
RT: 8.31 min Scan# 905

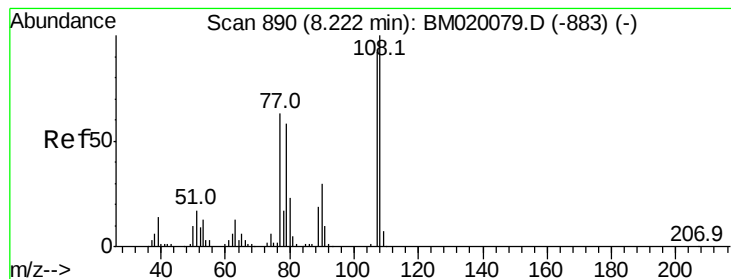
Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:	45	Resp:	300287
Ion Ratio	Lower	Upper	
45	100		
77	31.1	10.5	50.5
79	23.6	3.3	43.3





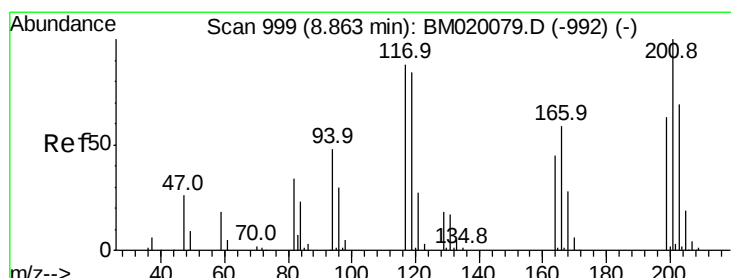
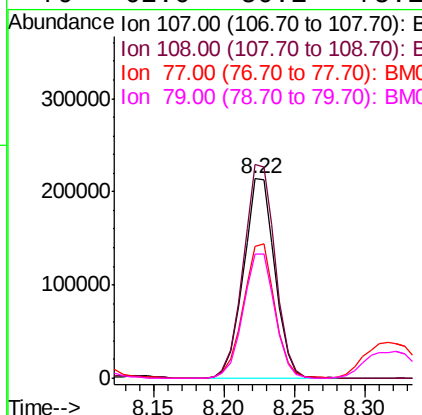
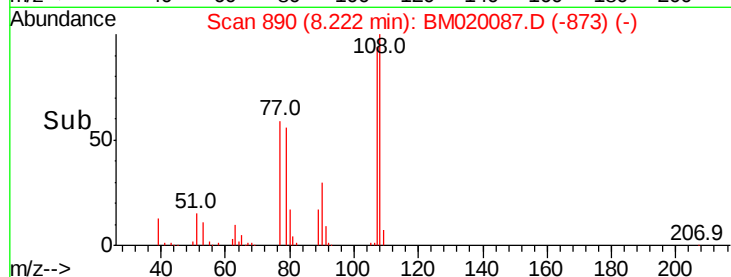
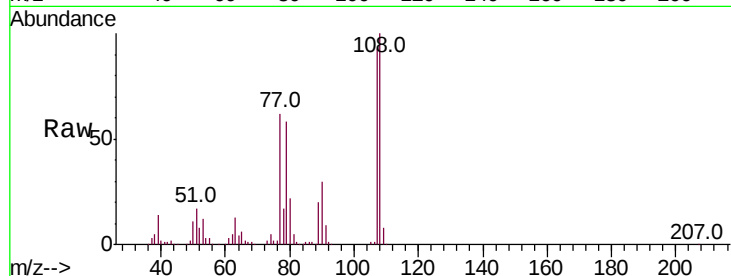
#17
2-Methylphenol
Concen: 39.407 ng
RT: 8.22 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	87.0	130.4	
77	66.1	54.7	82.1	
79	62.0	50.1	75.1	

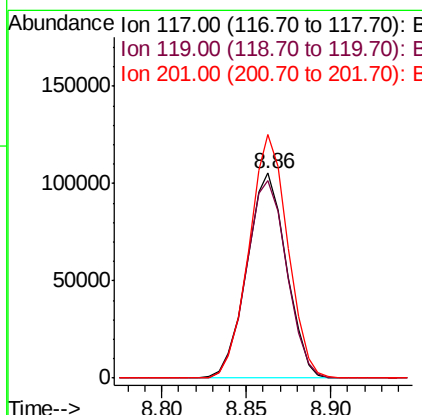
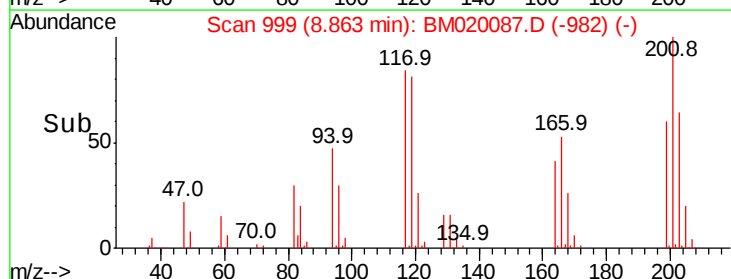
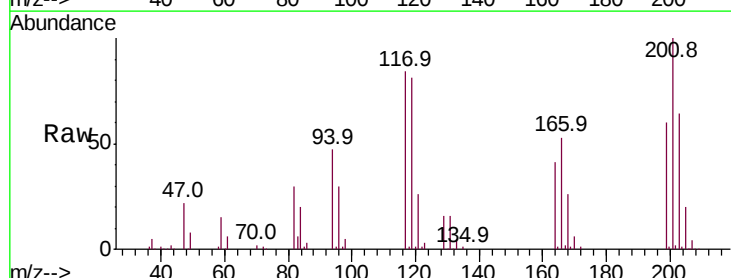
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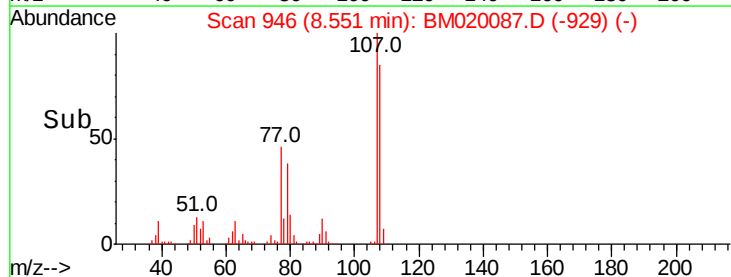
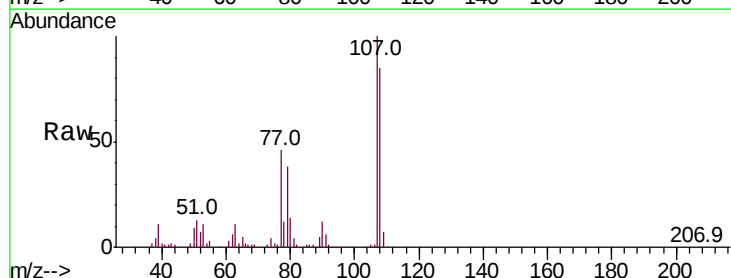
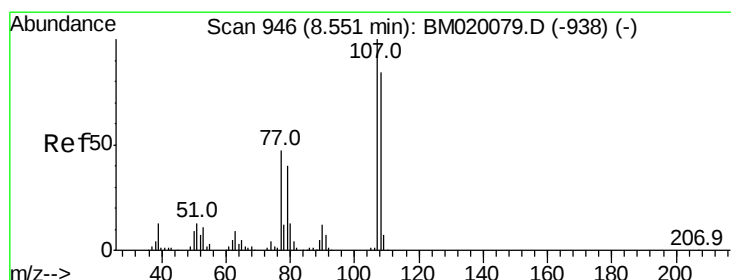
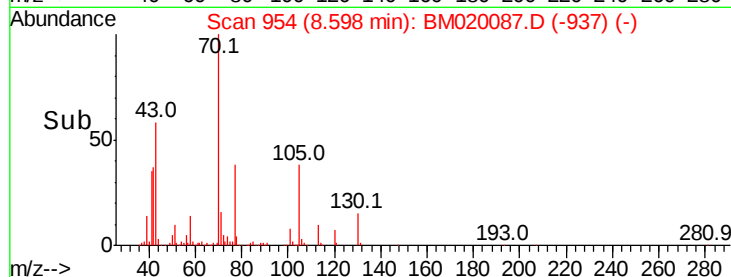
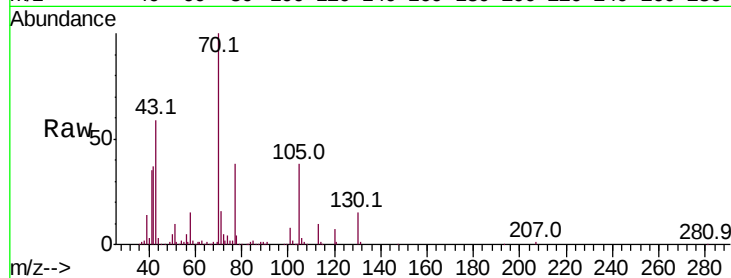
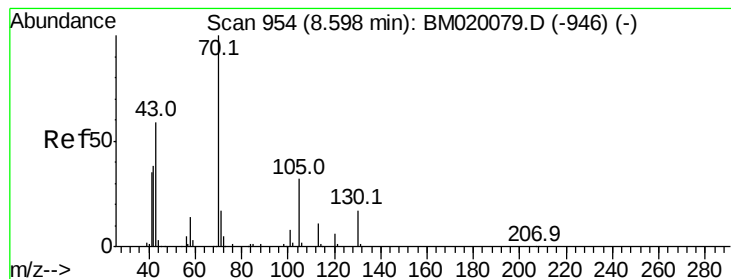
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#18
Hexachloroethane
Concen: 35.881 ng
RT: 8.86 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.6	114.8	
201	119.0	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 36.549 ng

RT: 8.60 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion: 70 Resp: 381533

Ion Ratio Lower Upper

70 100

42 37.2 31.0 46.4

101 8.3 6.2 9.2

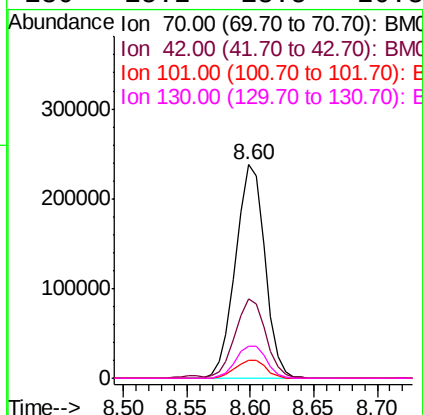
130 15.2 13.5 20.3

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#20

3+4-Methylphenols

Concen: 38.953 ng

RT: 8.55 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion: 107 Resp: 437742

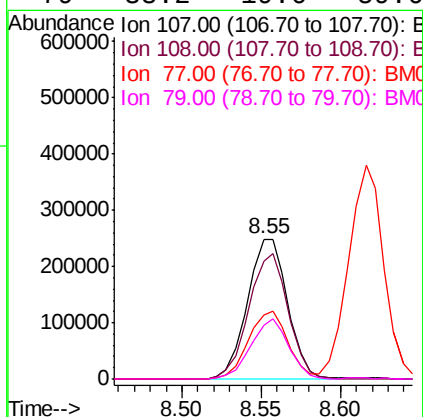
Ion Ratio Lower Upper

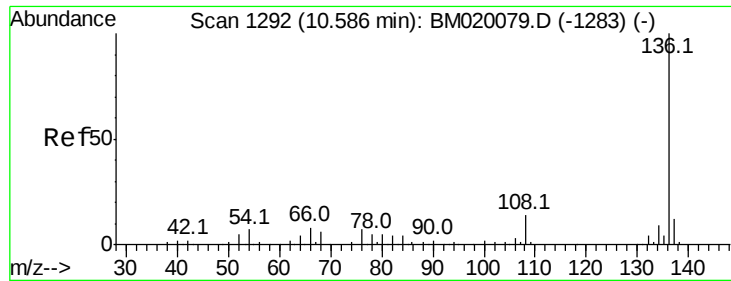
107 100

108 84.5 64.4 104.4

77 46.0 27.2 67.2

79 38.2 19.6 59.6





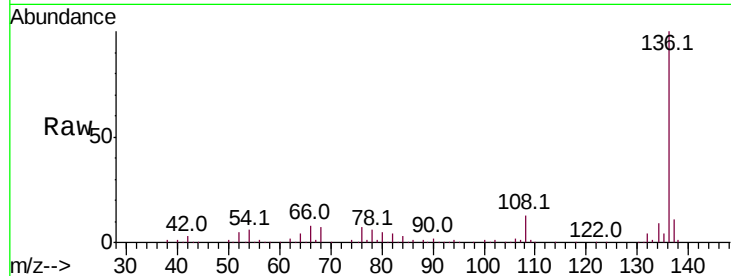
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	549544		
137	10.7		9.6	14.4
54	6.5		5.5	8.3
68	6.8		4.6	6.8

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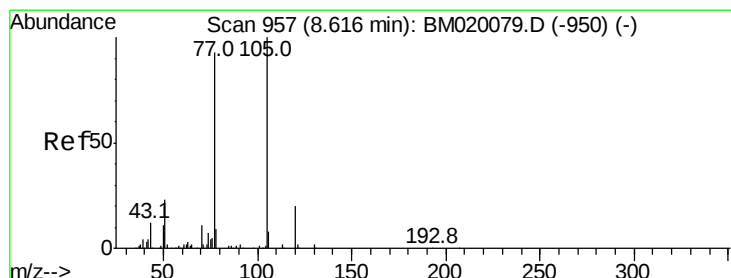
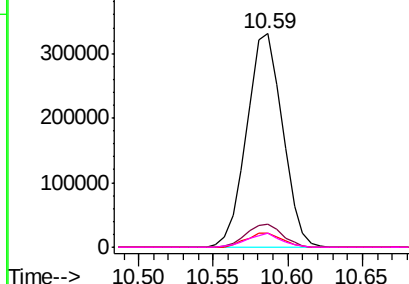
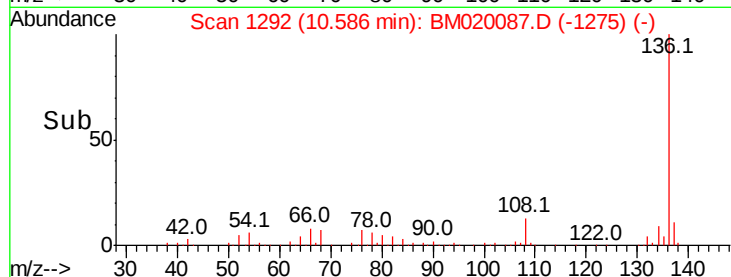
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

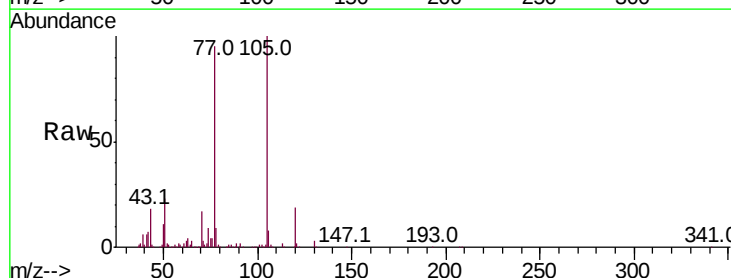
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 41.137 ng
RT: 8.62 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617834		
71	2.7		2.2	3.2
51	23.4		19.3	28.9
120	19.3		16.2	24.4



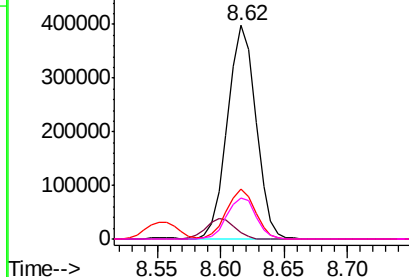
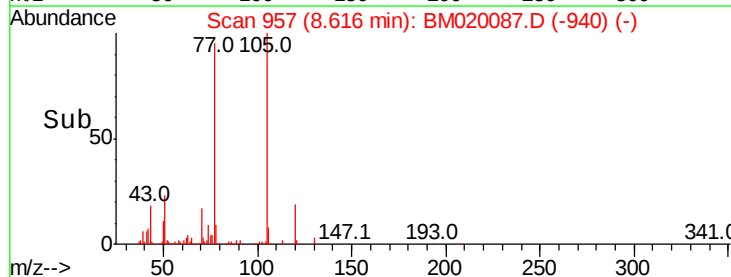
Abundance

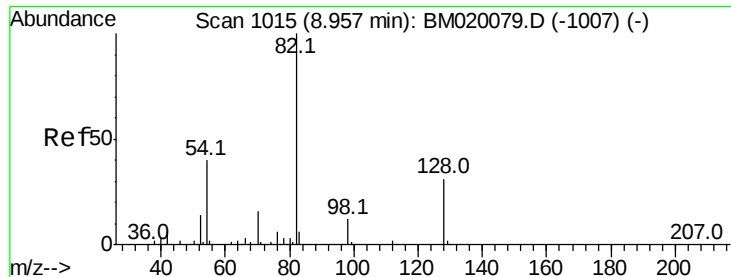
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





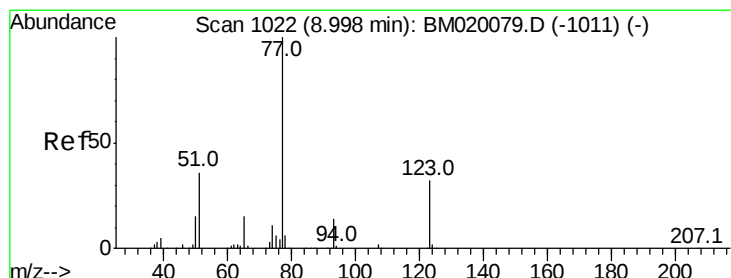
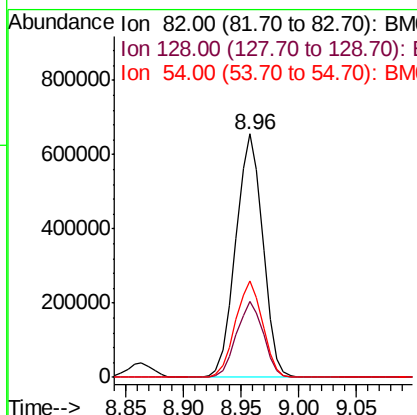
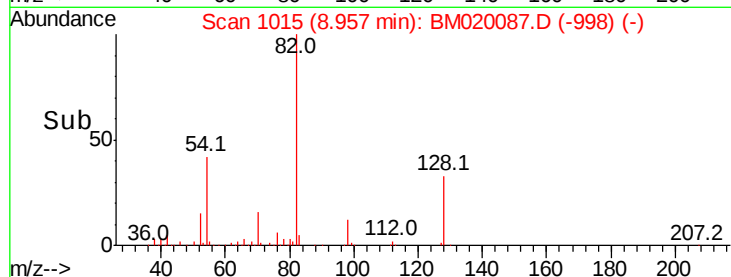
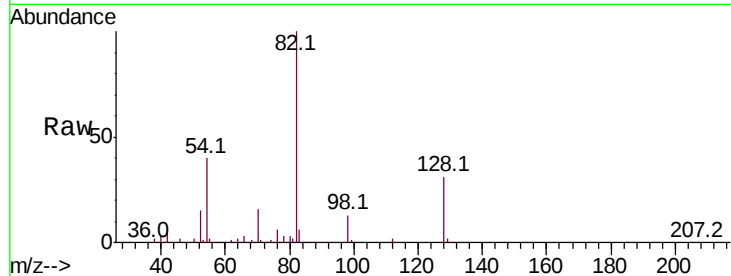
#23
 Nitrobenzene-d5
 Concen: 76.498 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.2	37.8
54	39.7	31.9	47.9

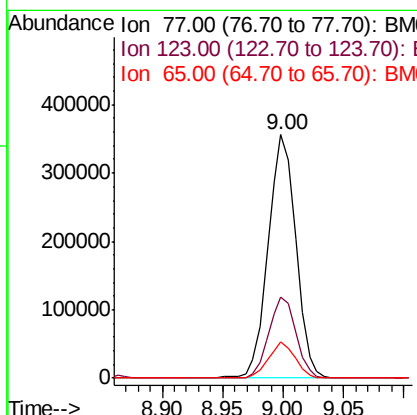
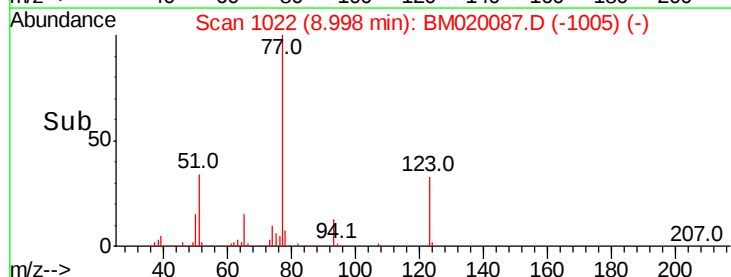
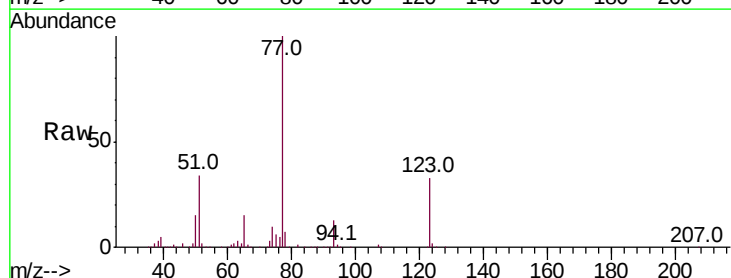
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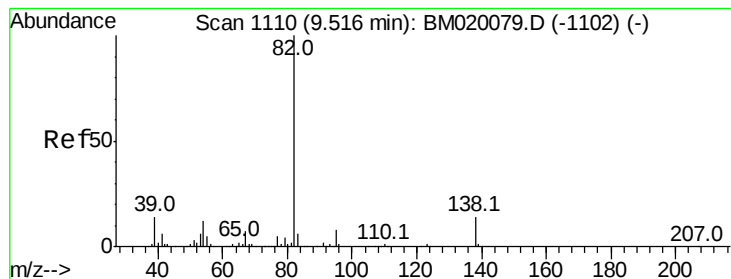
Sohil
 5/2/2019 2:19:55 AM



#24
 Nitrobenzene
 Concen: 39.069 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.2	25.5	38.3
65	15.1	11.8	17.6





#25

Isophorone

Concen: 38.796 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

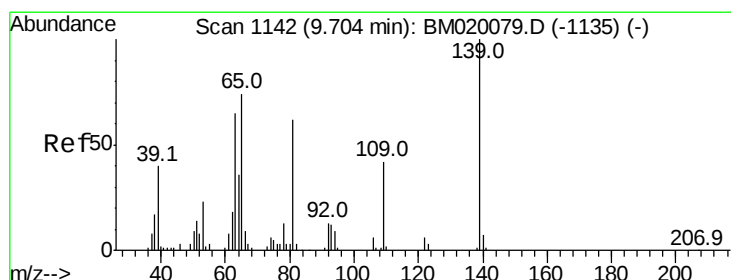
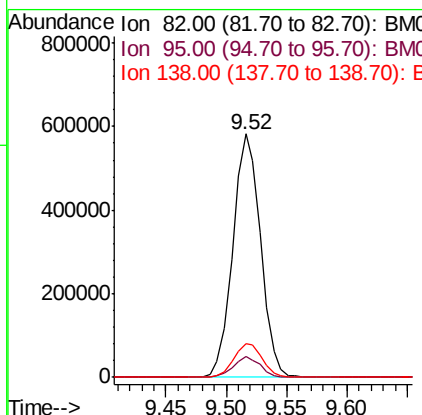
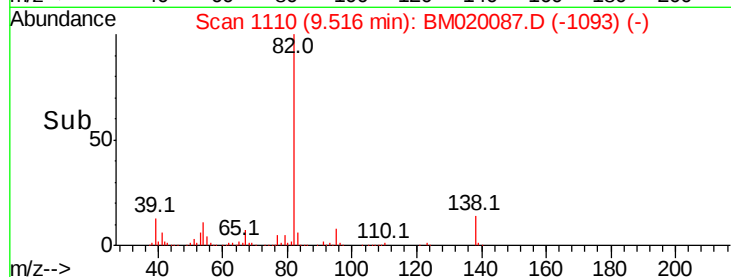
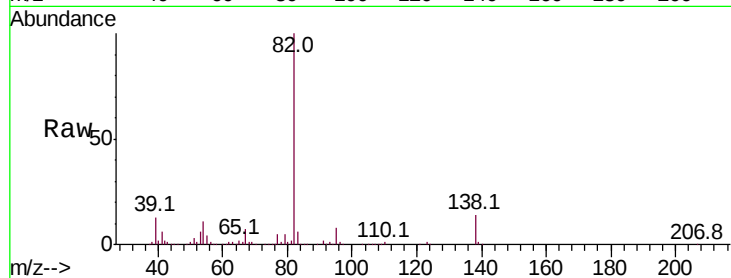
ClientSampleId :

PB119042BS

Tot Ion	82	Resp	931256
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.4	9.6
138	13.6	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.393 ng

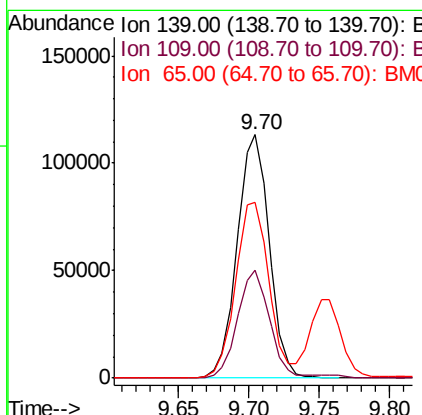
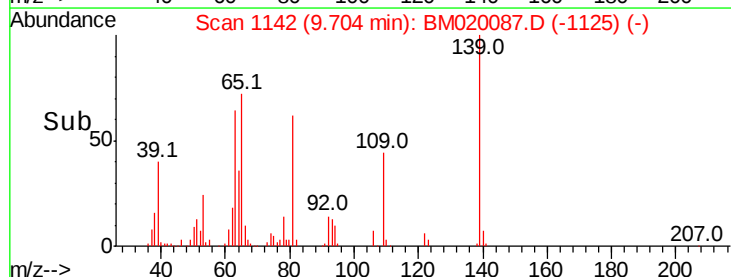
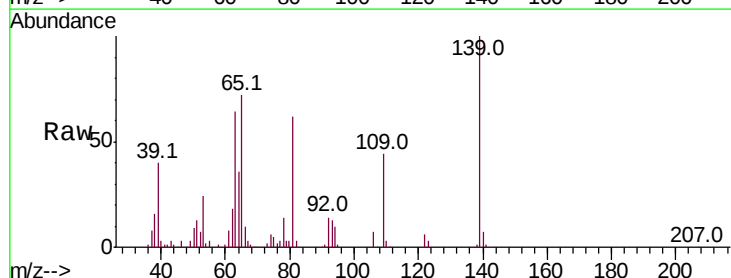
RT: 9.70 min Scan# 1142

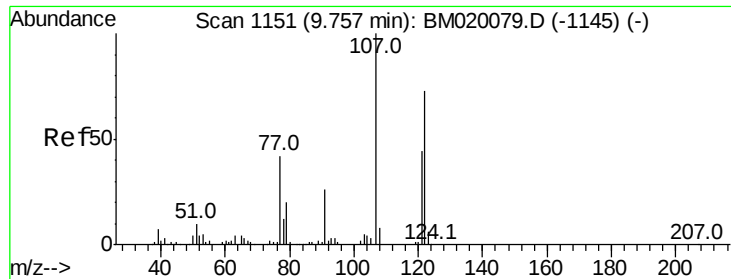
Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion	139	Resp	180351
Ion Ratio	Lower	Upper	
139	100		
109	44.3	33.7	50.5
65	72.3	59.5	89.3





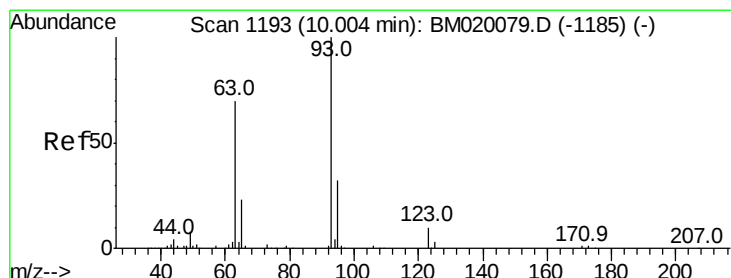
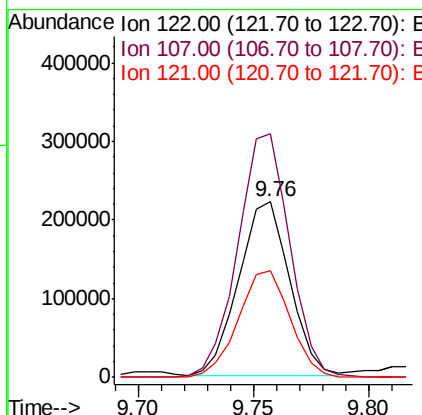
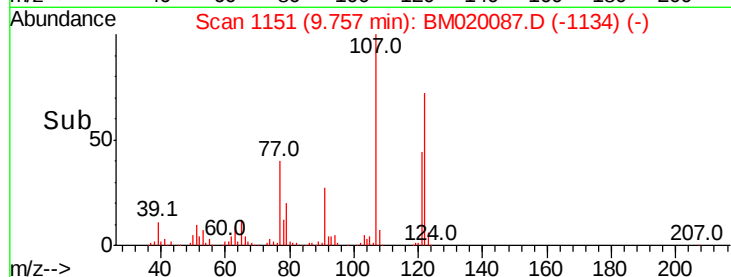
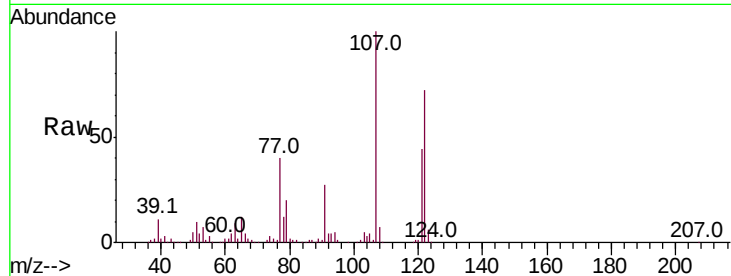
#27
 2,4-Dimethylphenol
 Concen: 46.774 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.6	108.6	162.8
121	60.9	47.4	71.2

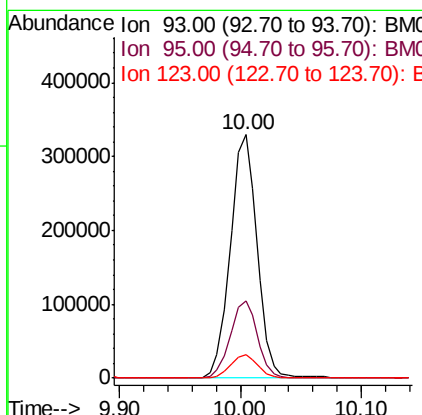
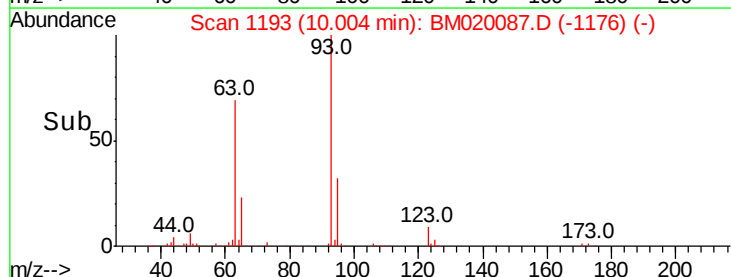
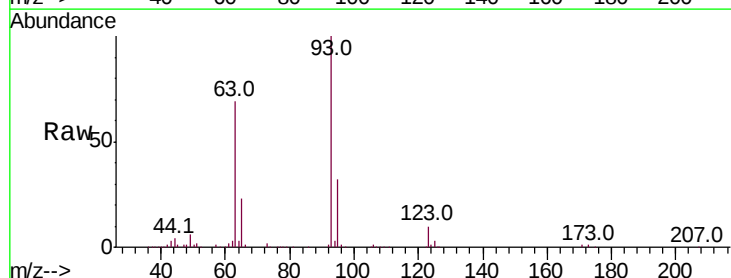
Manual Integrations
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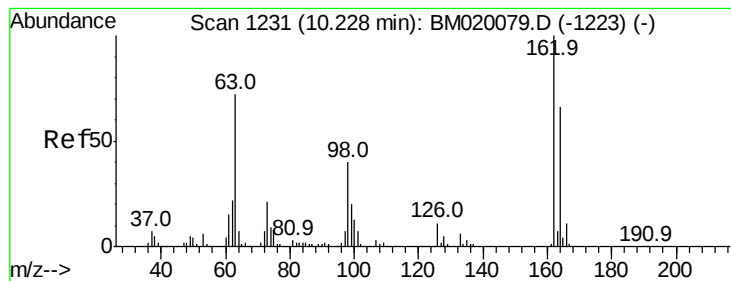
Sohil
 5/2/2019 2:19:55 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.030 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.5	38.3
123	9.6	7.6	11.4





#29

2,4-Dichlorophenol

Concen: 41.603 ng

RT: 10.23 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion:162 Resp: 380542

Ion Ratio Lower Upper

162 100

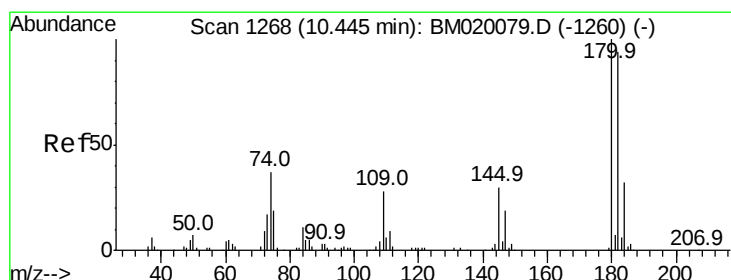
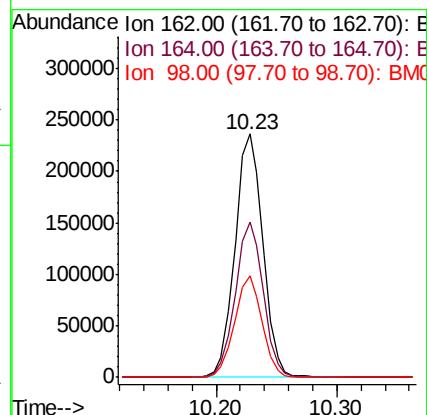
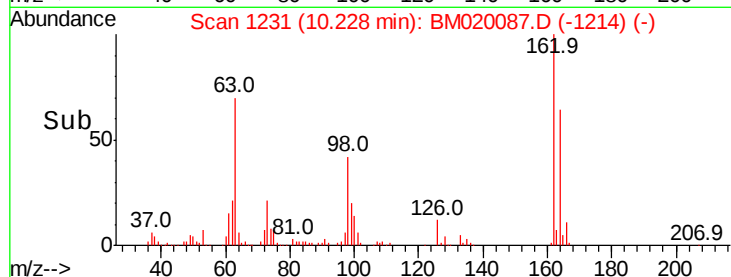
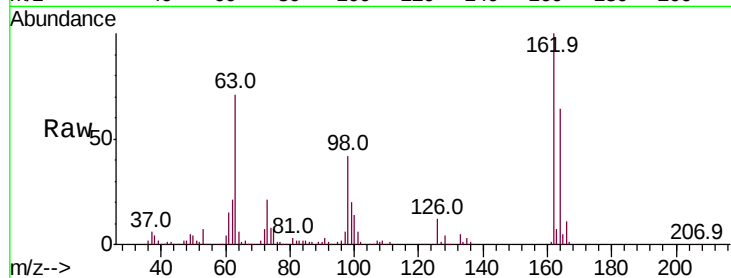
164 63.9 45.6 85.6

98 41.5 20.4 60.4

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#30

1,2,4-Trichlorobenzene

Concen: 40.015 ng

RT: 10.45 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

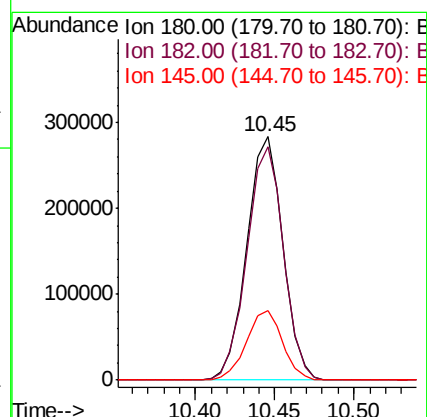
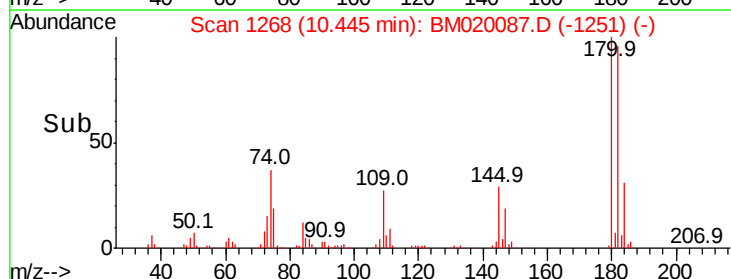
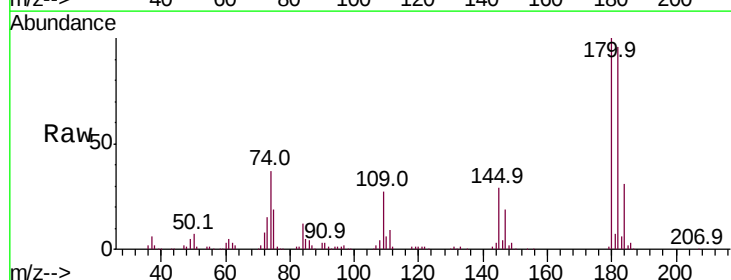
Tgt Ion:180 Resp: 450362

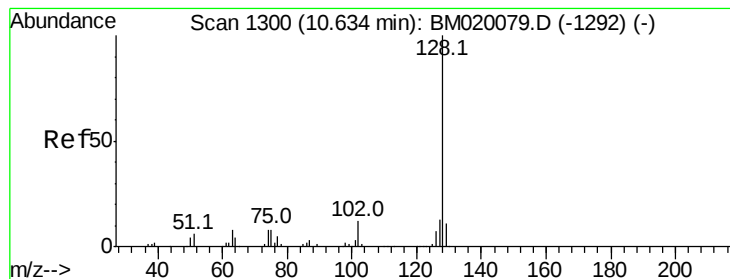
Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

145 28.7 23.8 35.8





#31

Naphthalene

Concen: 39.485 ng

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion:128 Resp: 1126022

Ion Ratio Lower Upper

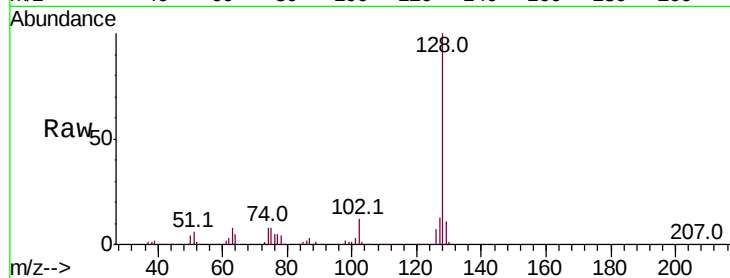
128 100

129 10.6 9.0 13.4

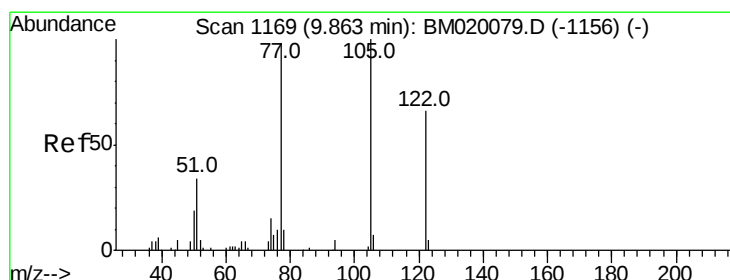
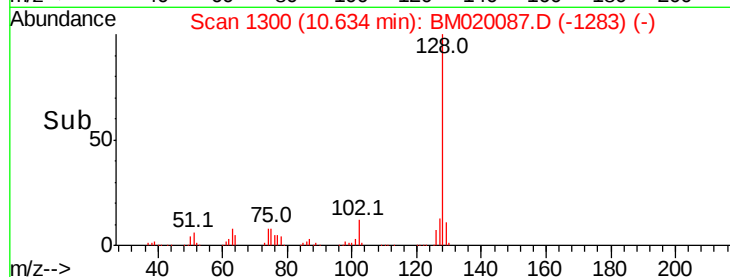
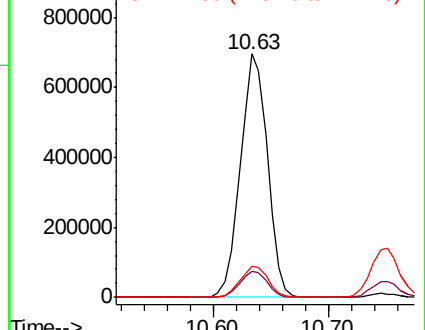
127 12.9 10.4 15.6

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.097 ng

RT: 9.89 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

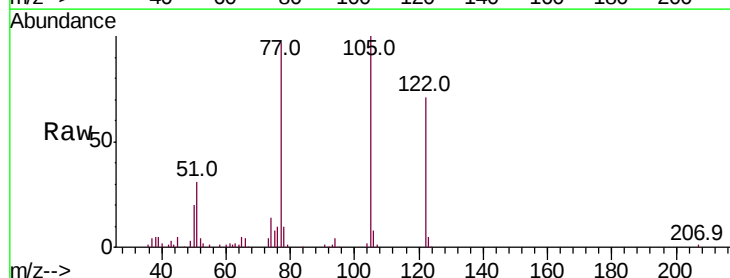
Tgt Ion:122 Resp: 176491

Ion Ratio Lower Upper

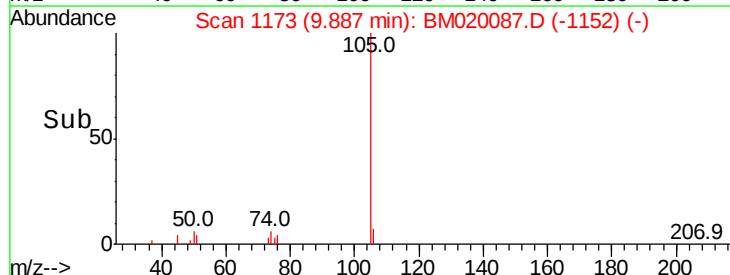
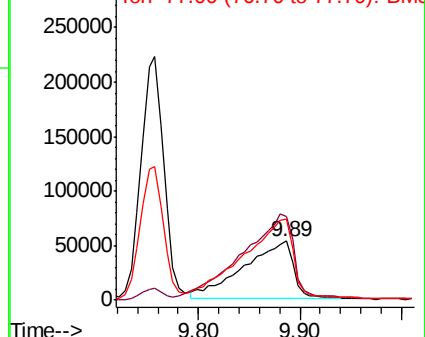
122 100

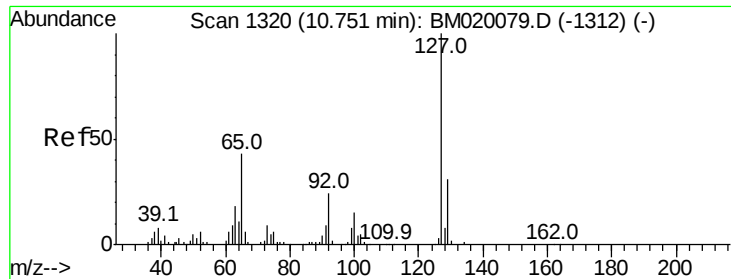
105 141.8 122.5 162.5

77 138.1 123.3 163.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E





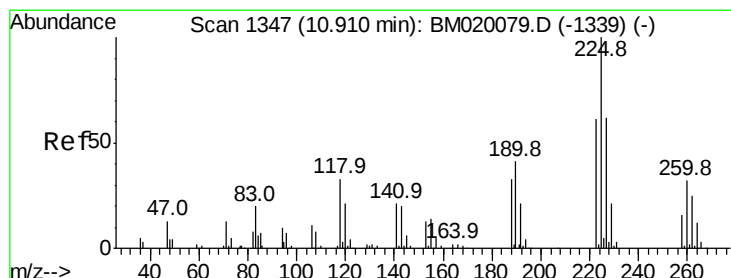
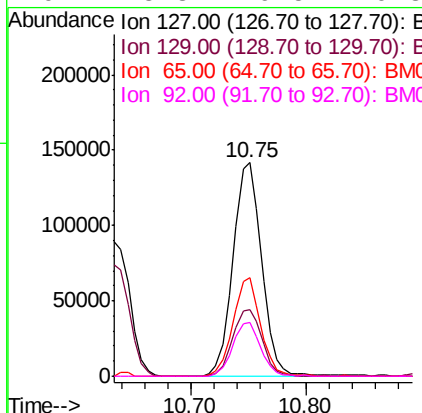
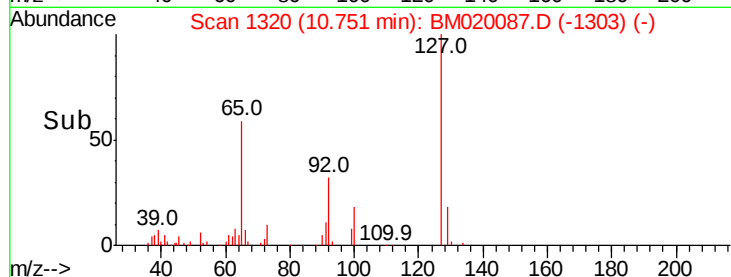
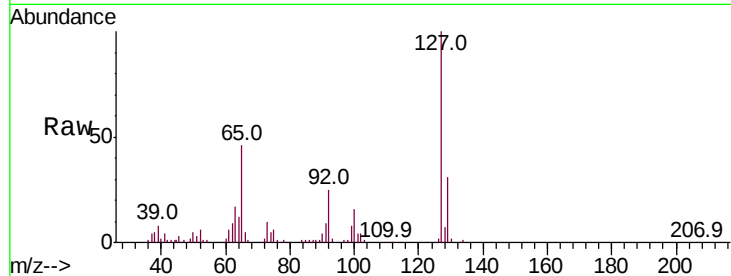
#33
4-Chloroaniline
Concen: 20.791 ng
RT: 10.75 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	24.7	37.1	
65	46.2	34.6	52.0	
92	25.3	19.5	29.3	

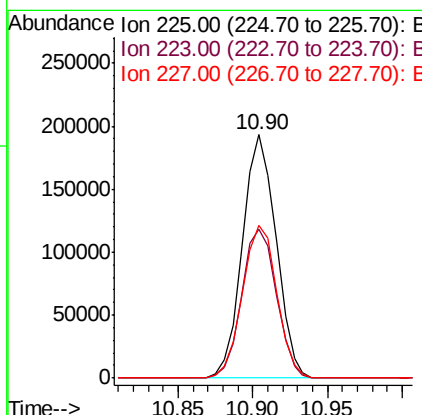
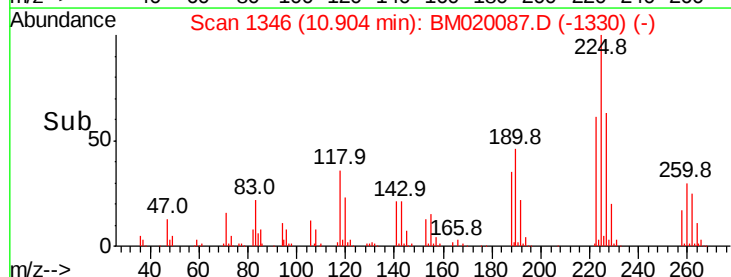
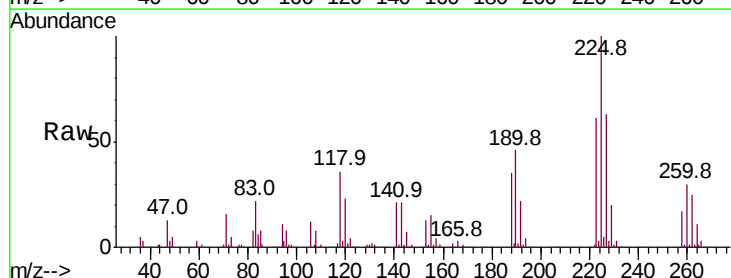
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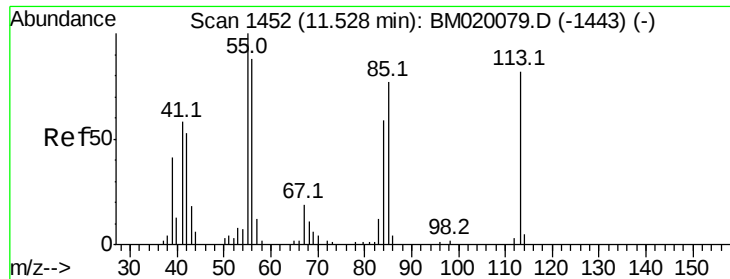
Sohil
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#34
Hexachlorobutadiene
Concen: 37.806 ng
RT: 10.90 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	48.9	73.3	
227	62.9	49.6	74.4	





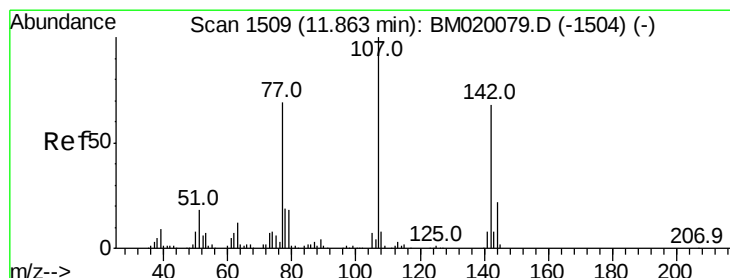
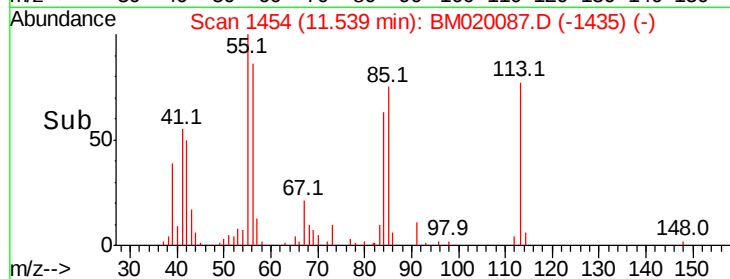
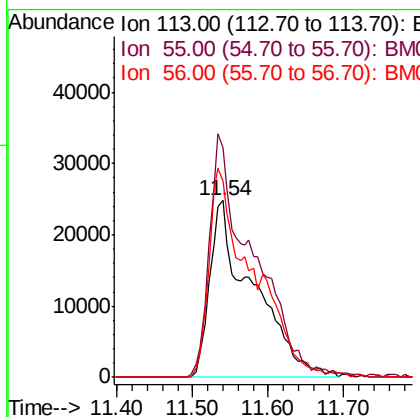
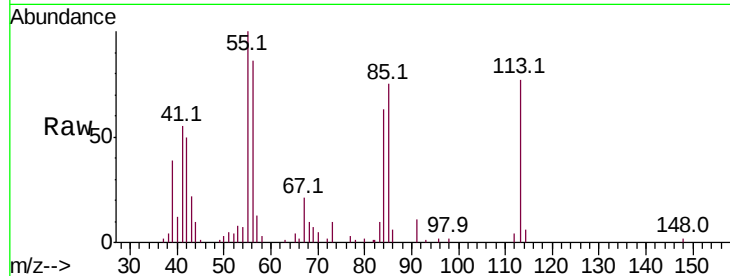
#35
Caprolactam
Concen: 35.933 ng/ml
RT: 11.54 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion:113 Resp: 98279
Ion Ratio Lower Upper
113 100
55 129.7 102.5 142.5
56 110.9 87.7 127.7

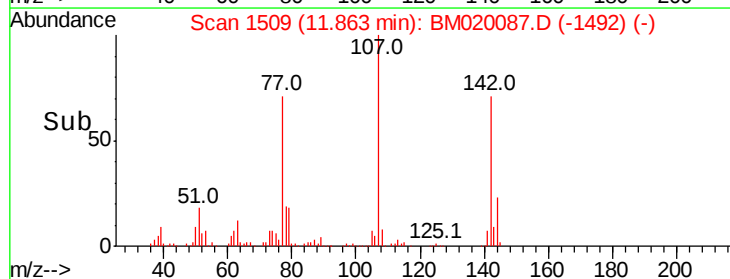
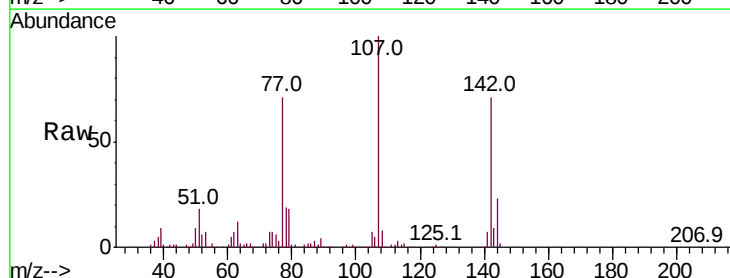
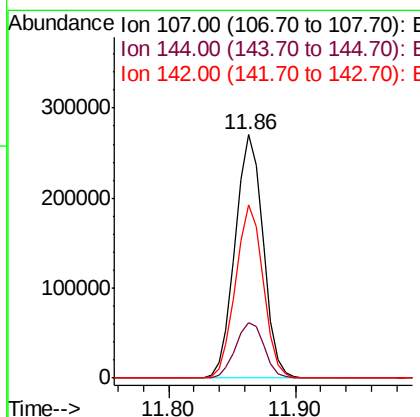
Manual Integrations
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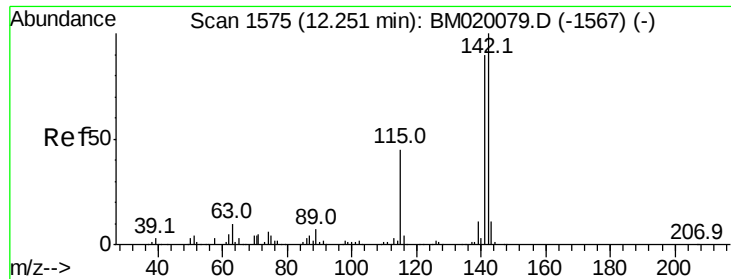
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 38.591 ng/ml
RT: 11.86 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:107 Resp: 414811
Ion Ratio Lower Upper
107 100
144 22.6 17.6 26.4
142 71.3 54.6 82.0





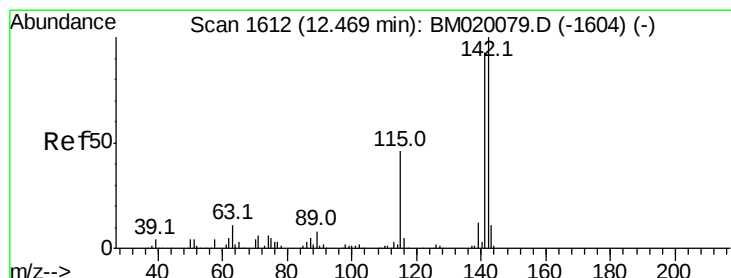
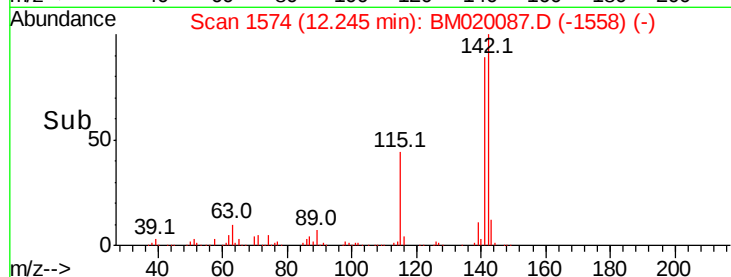
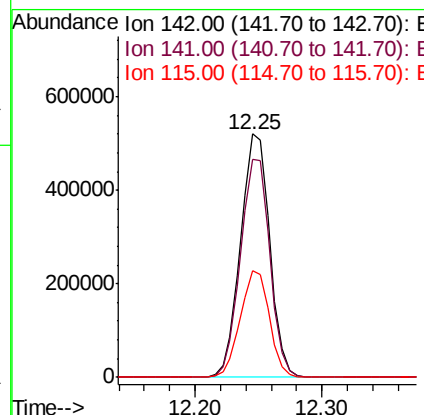
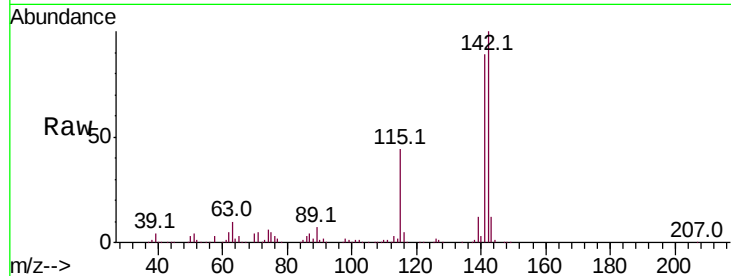
#37
2-Methylnaphthalene
Concen: 39.767 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	826780		
141	89.4	71.6	107.4	
115	43.8	35.8	53.6	

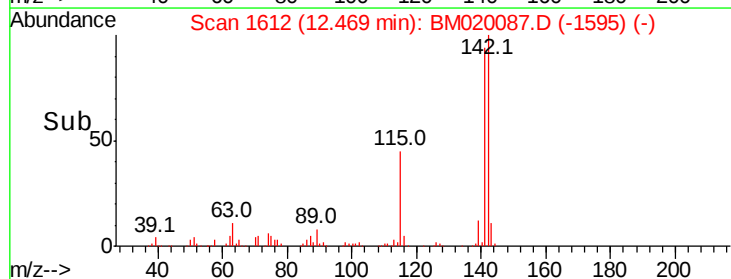
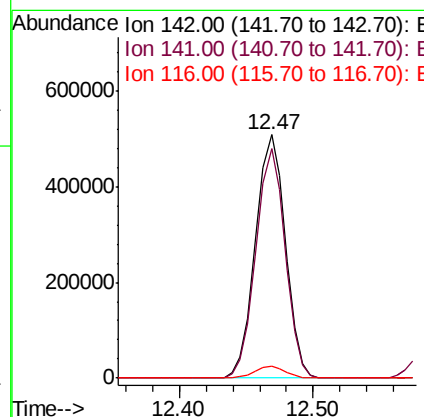
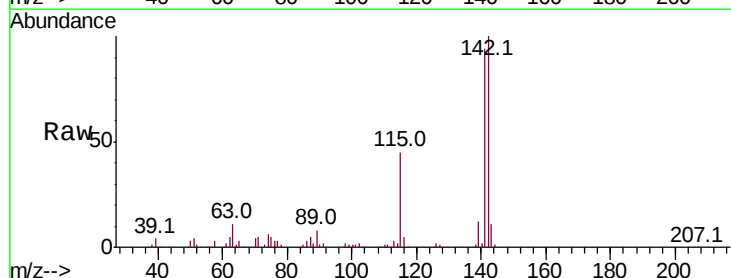
Manual Integrations
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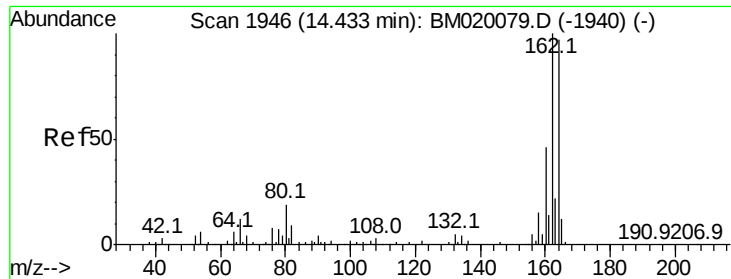
Sohil
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#38
1-Methylnaphthalene
Concen: 38.661 ng
RT: 12.47 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	785986		
141	94.1	74.8	112.2	
116	4.9	3.9	5.9	





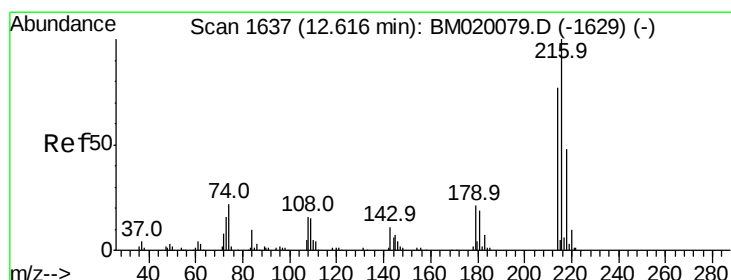
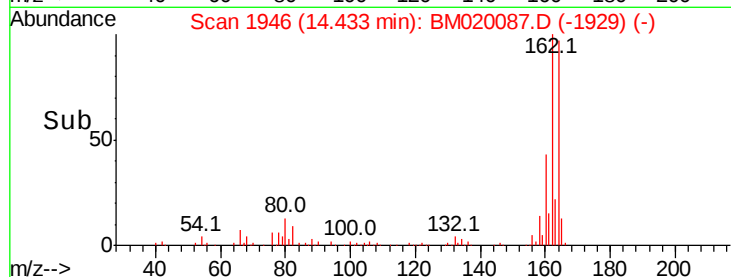
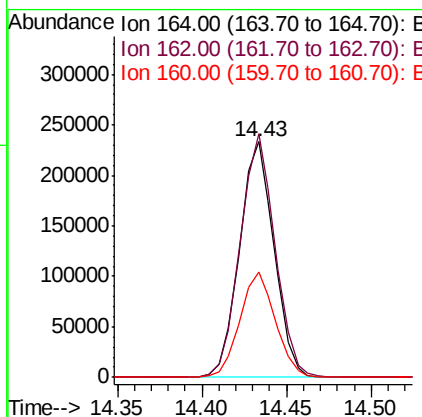
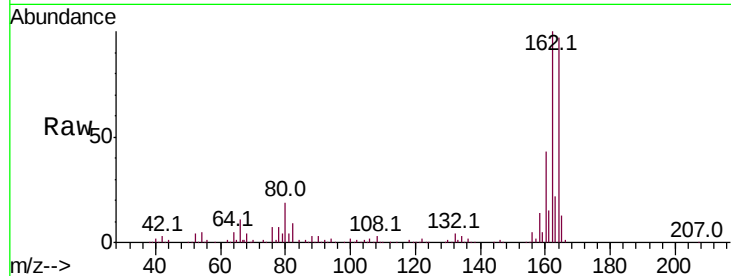
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	82.2	123.2	
160	44.9	37.6	56.4	

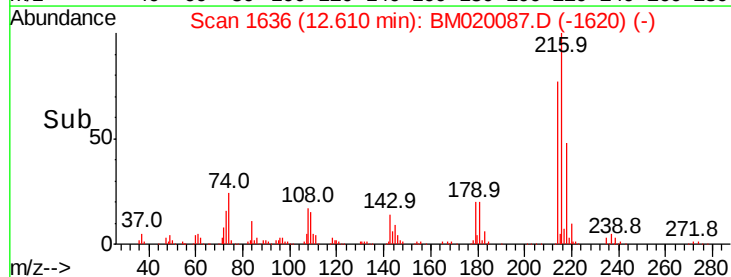
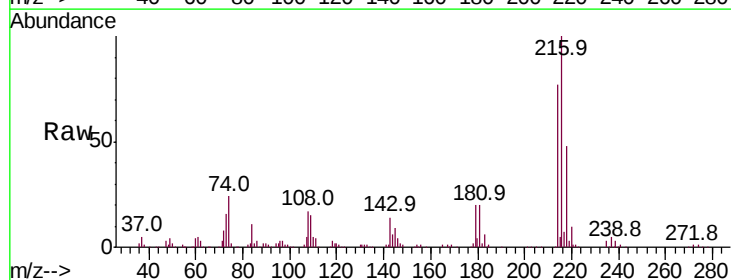
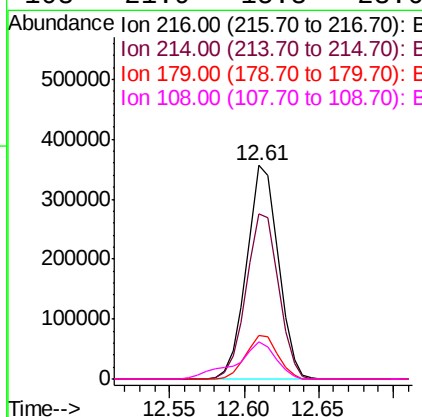
Manual Integrations
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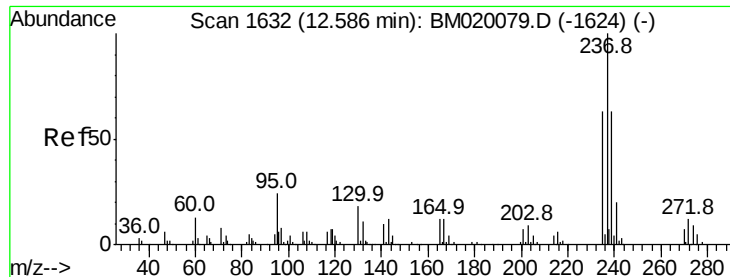
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.405 ng
RT: 12.61 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	62.6	94.0	
179	20.8	17.1	25.7	
108	21.9	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 93.089 ng

RT: 12.59 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

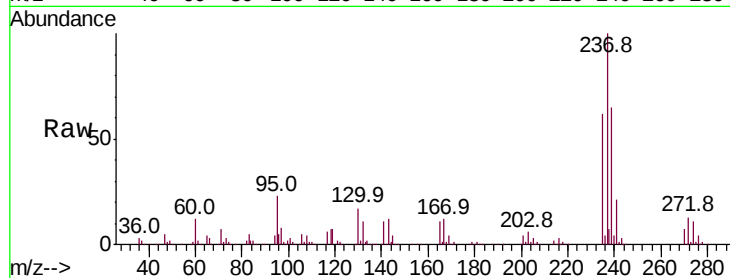
ClientSampleId :

PB119042BS

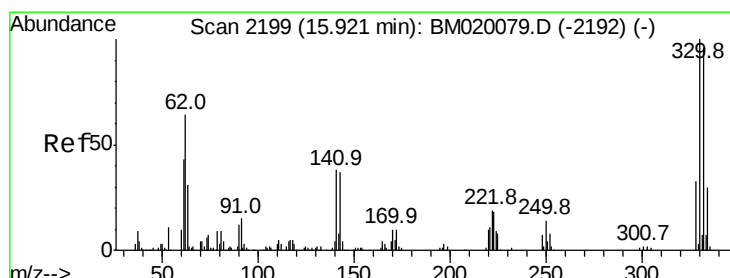
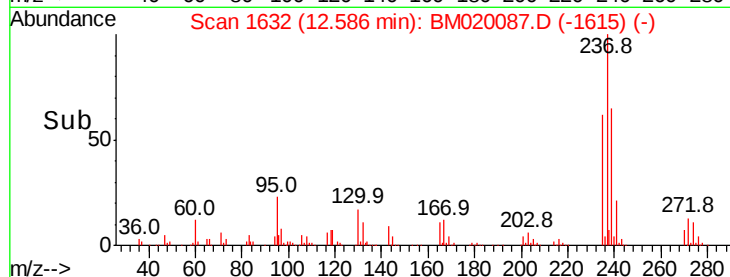
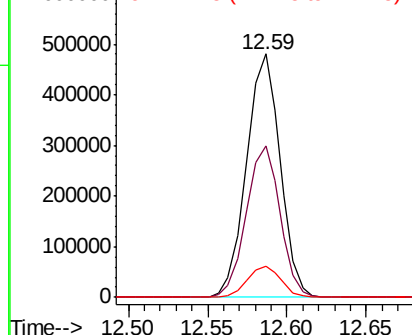
Tot Ion:	237	Resp:	710049
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.4	83.4
272	12.6	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 131.114 ng

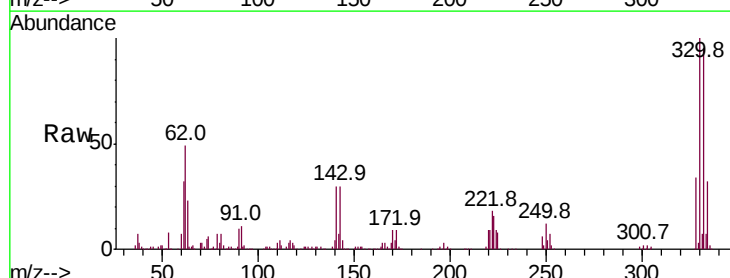
RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

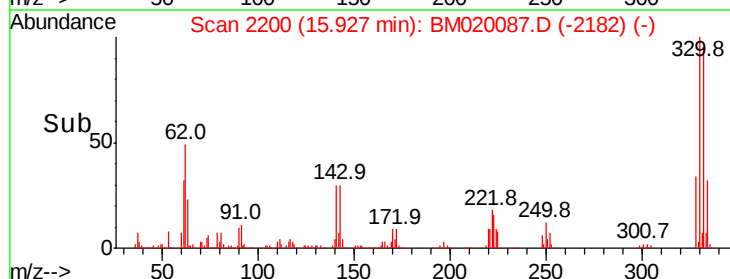
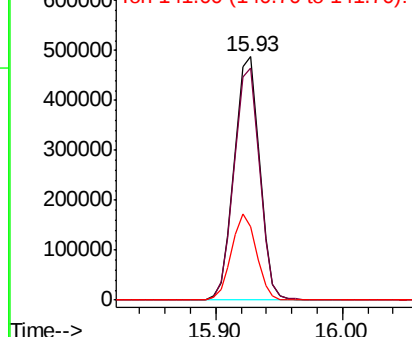
Lab File: BM020087.D

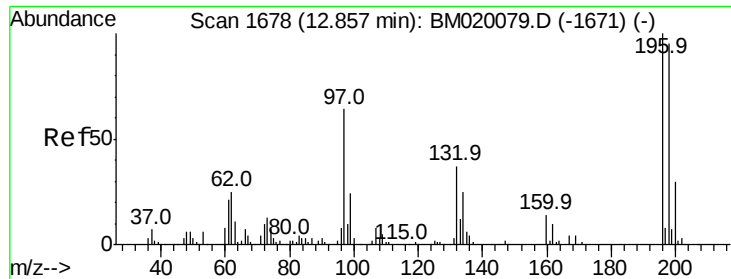
Acq: 01 May 2019 13:12

Tgt Ion:	330	Resp:	673862
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.8	115.2
141	35.0	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





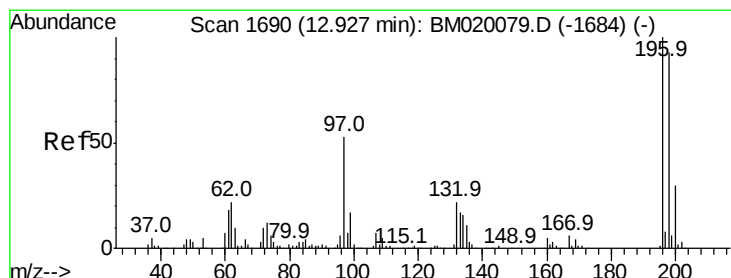
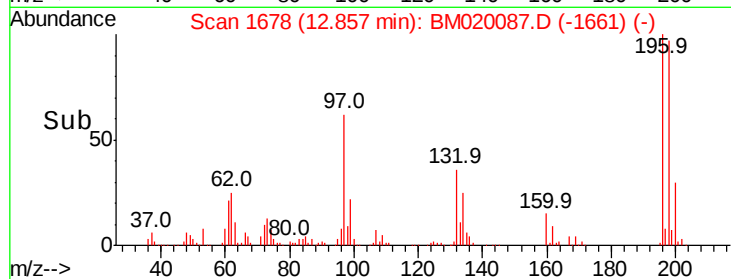
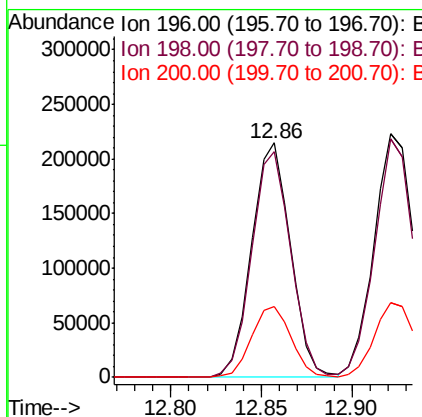
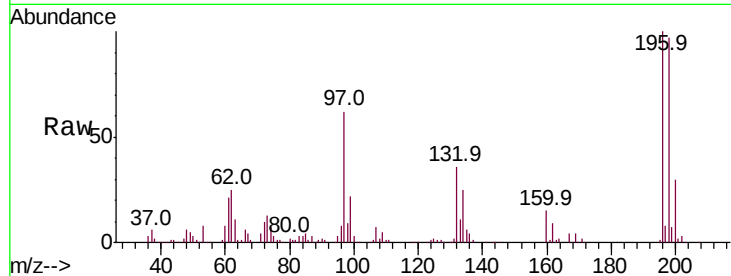
#43
 2,4,6-Trichlorophenol
 Concen: 43.366 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	319277		
198	96.6	76.2	114.2	
200	30.5	24.3	36.5	

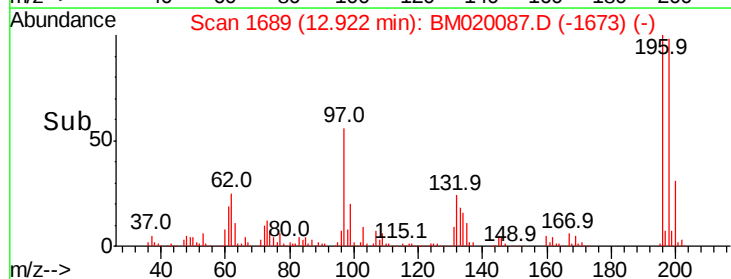
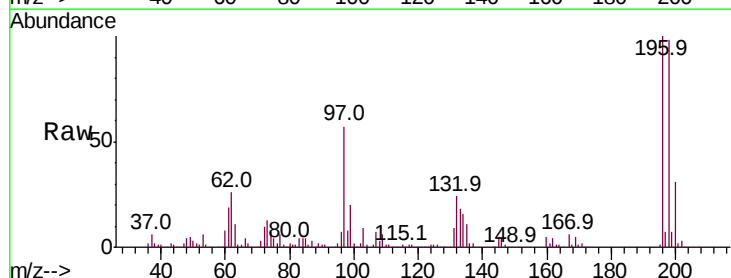
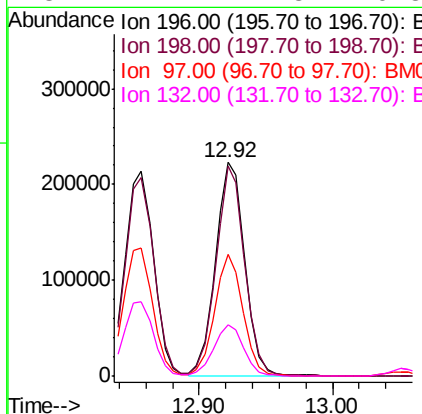
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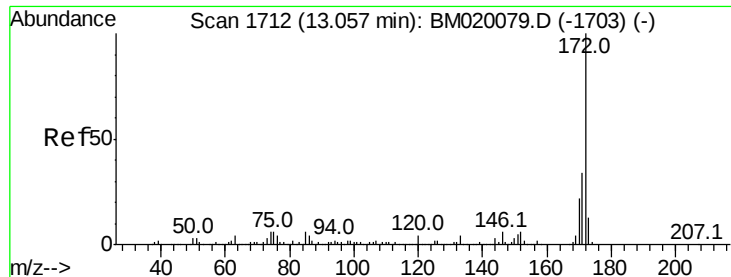
Sohil
 5/2/2019 2:19:55 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.452 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	340934		
198	98.2	74.7	112.1	
97	56.9	42.2	63.4	
132	24.2	17.8	26.8	





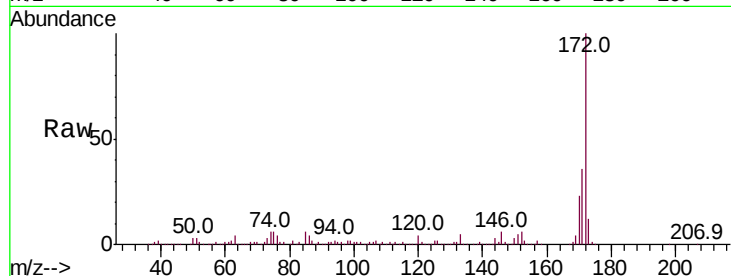
#45
2-Fluorobiphenyl
Concen: 76.088 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.0	17.9	26.9

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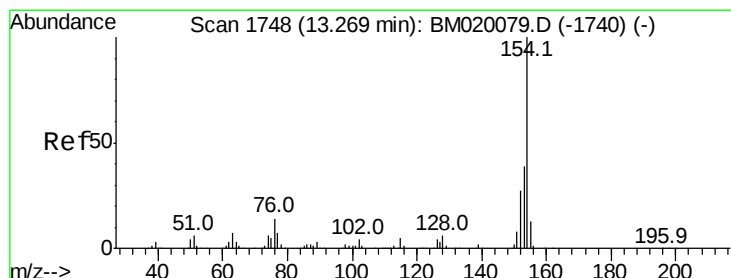
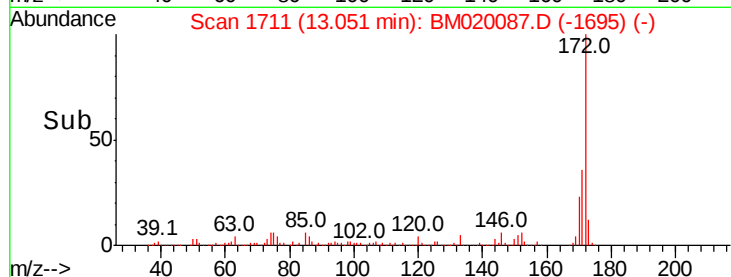
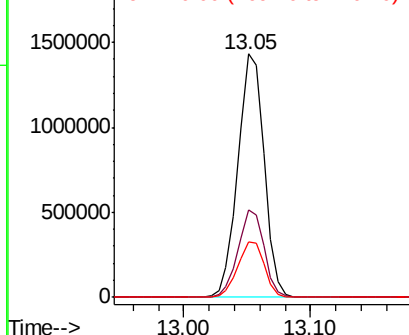


Abundance

Ion 172.00 (171.70 to 172.70): E

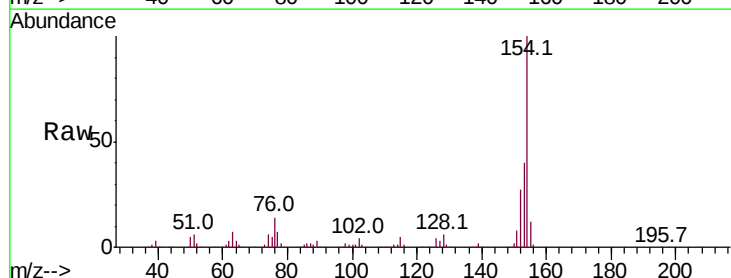
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.861 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.4	59.4
76	14.5	0.0	34.5

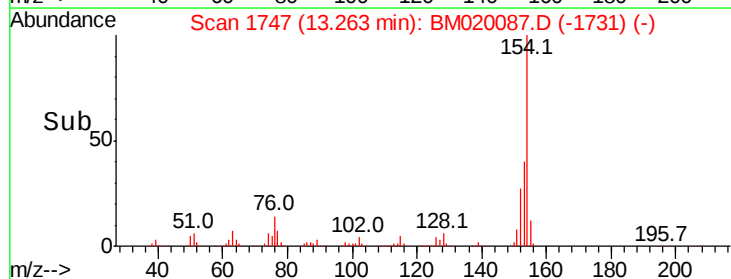
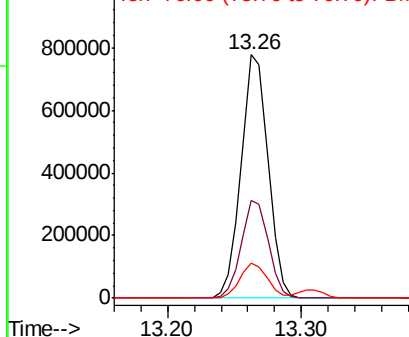


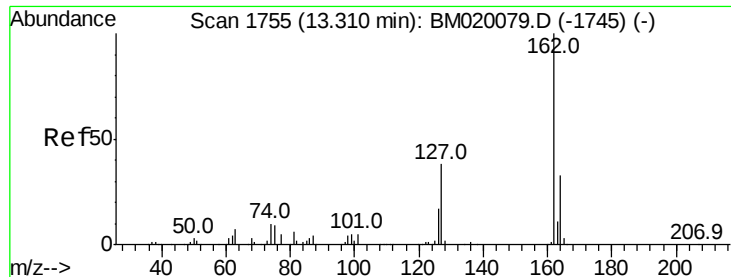
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





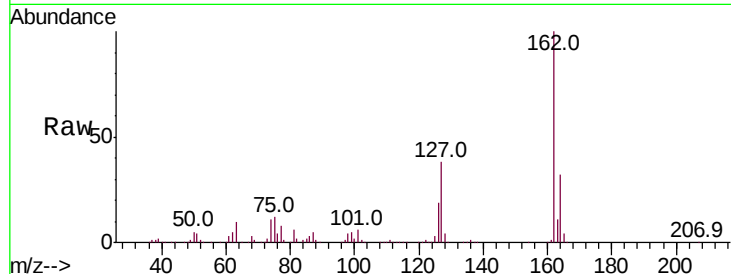
#47
 2-Chloronaphthalene
 Concen: 39.675 ng
 RT: 13.31 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

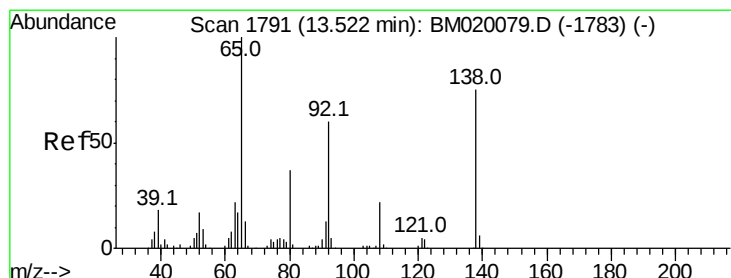
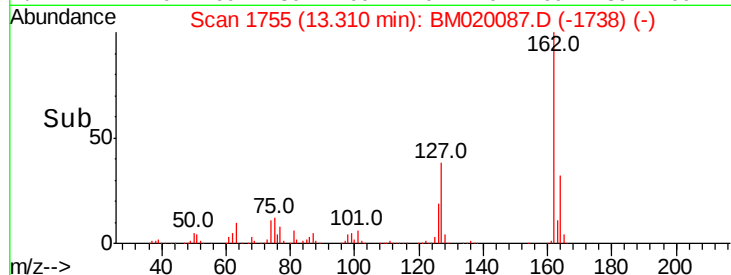
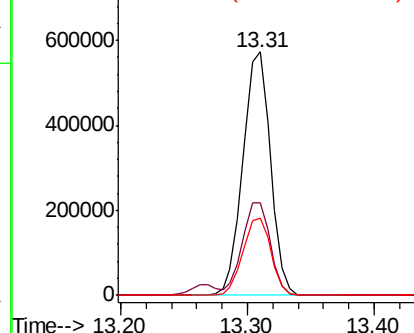
Tot Ion	Ratio	Resp	Lower	Upper
162	100	863340		
127	38.0		31.0	46.4
164	32.0		26.2	39.2

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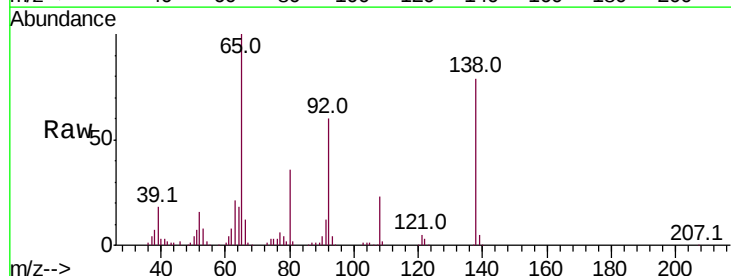


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

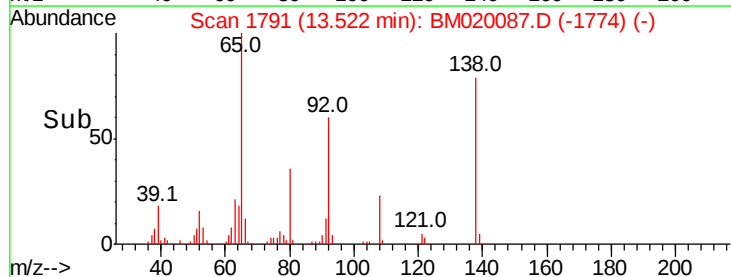
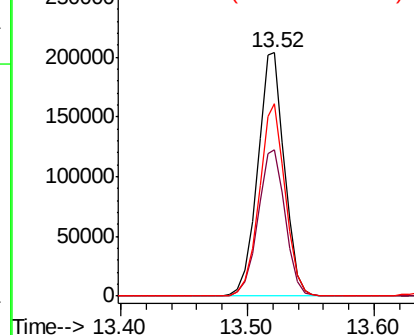


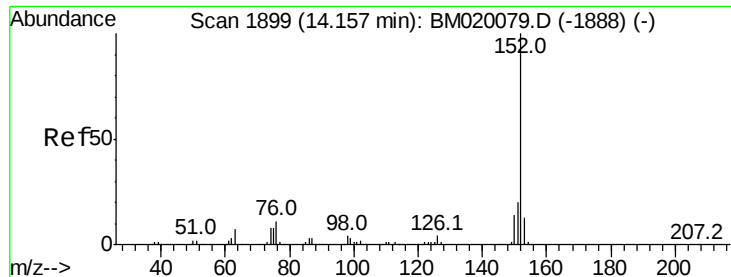
#48
 2-Nitroaniline
 Concen: 38.665 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	299535		
92	60.1		48.2	72.4
138	78.8		60.3	90.5



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





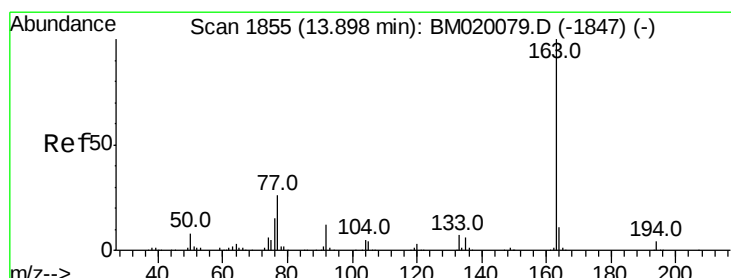
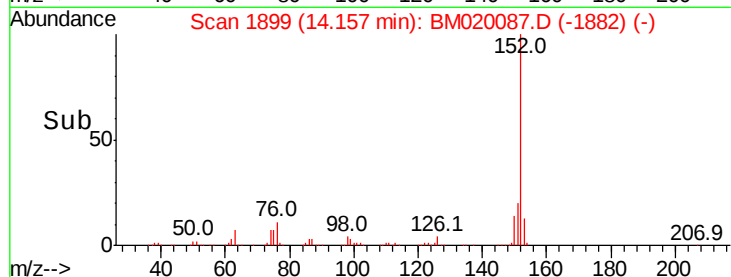
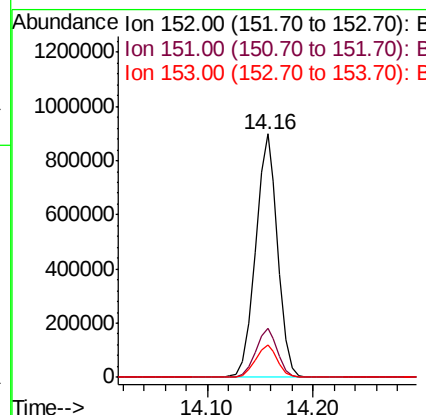
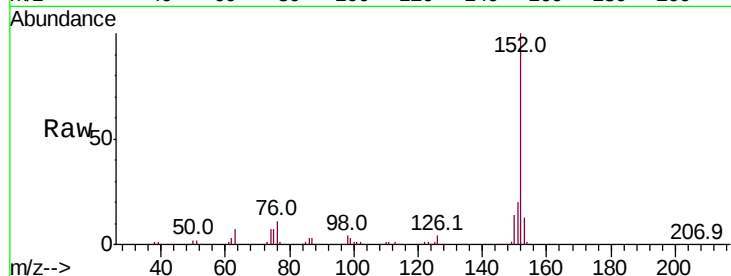
#49
Acenaphthylene
Concen: 37.373 ng
RT: 14.16 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.1	10.6	16.0

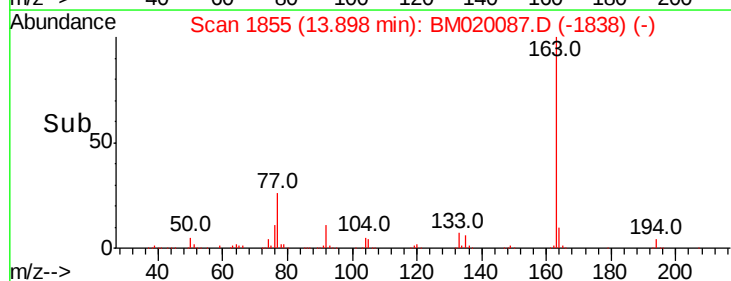
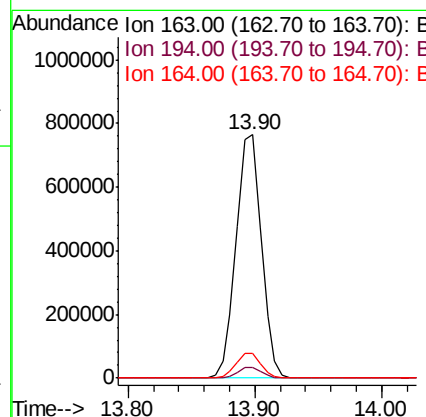
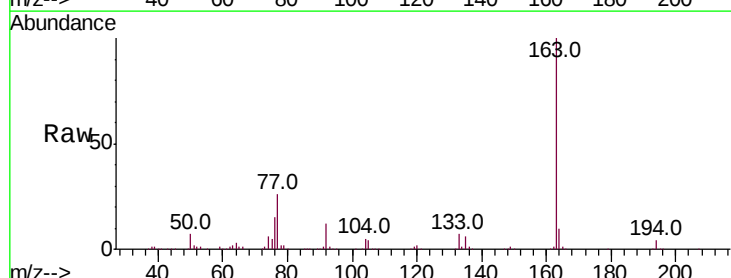
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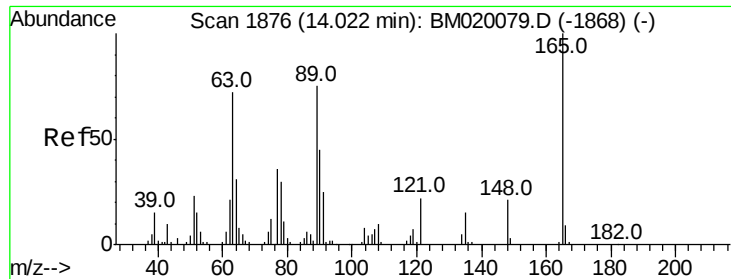
Sohil
5/2/2019 2:19:55 AM



#50
Dimethylphthalate
Concen: 37.582 ng
RT: 13.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.0	8.4	12.6





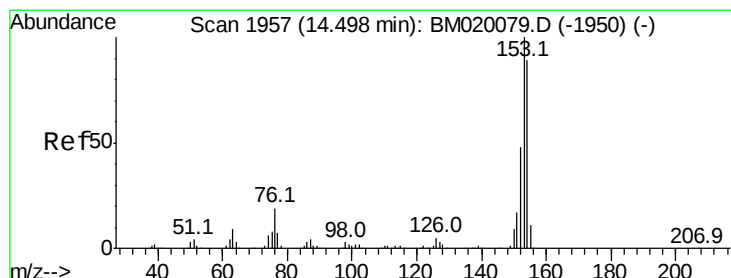
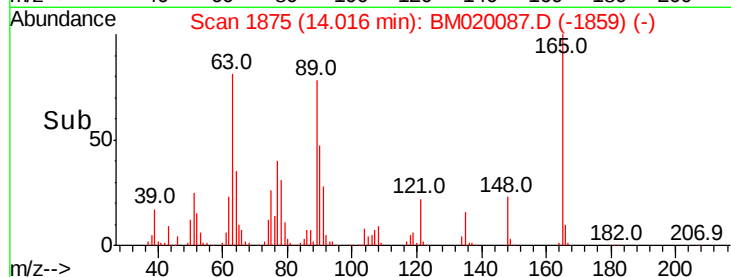
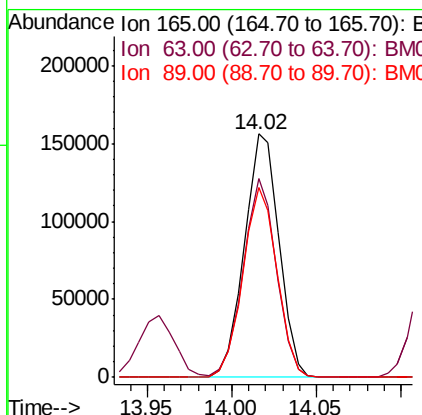
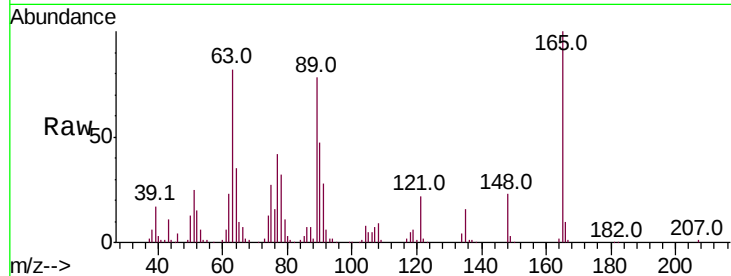
#51
 2,6-Dinitrotoluene
 Concen: 37.617 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222966		
63	81.7	60.3	90.5	
89	77.9	59.8	89.6	

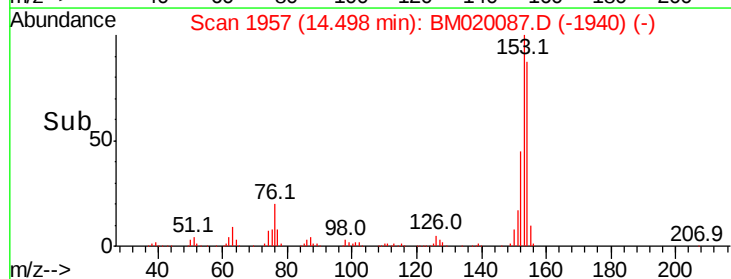
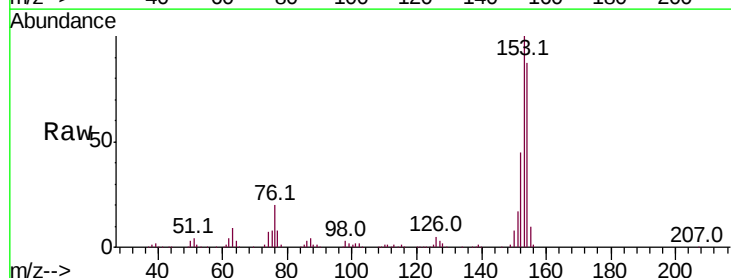
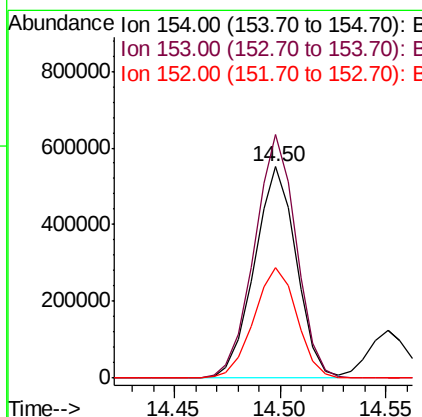
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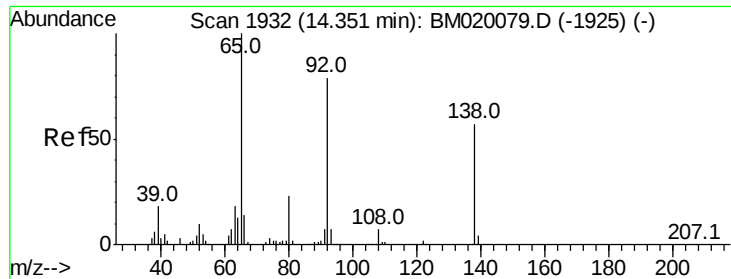
Sohil
 5/2/2019 2:19:55 AM



#52
 Acenaphthene
 Concen: 38.226 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	763393		
153	115.2	90.2	135.2	
152	52.3	43.0	64.4	





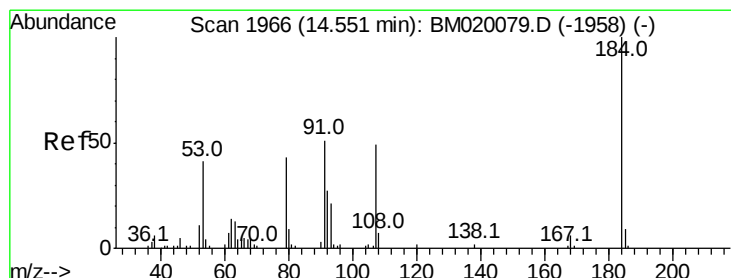
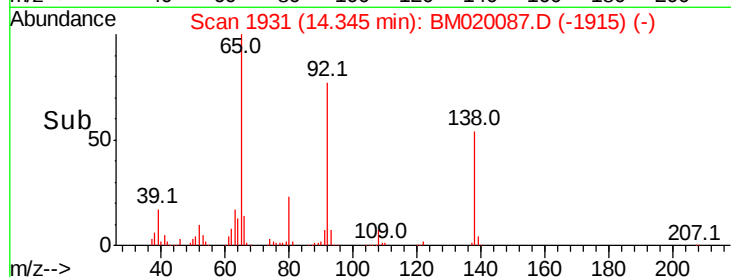
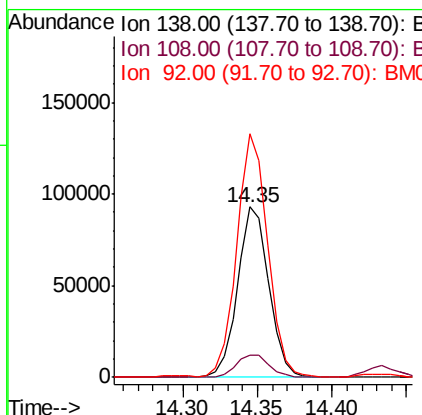
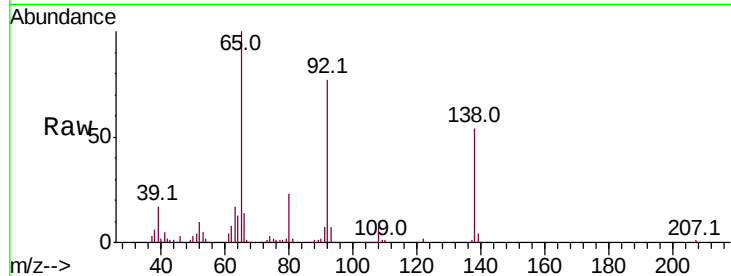
#53
3-Nitroaniline
Concen: 24.521 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion:138 Resp: 134897
Ion Ratio Lower Upper
138 100
108 13.1 10.4 15.6
92 142.9 111.3 166.9

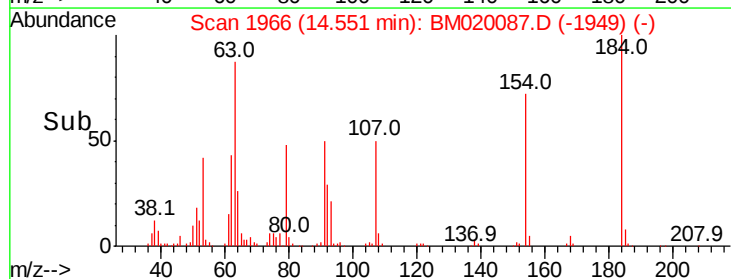
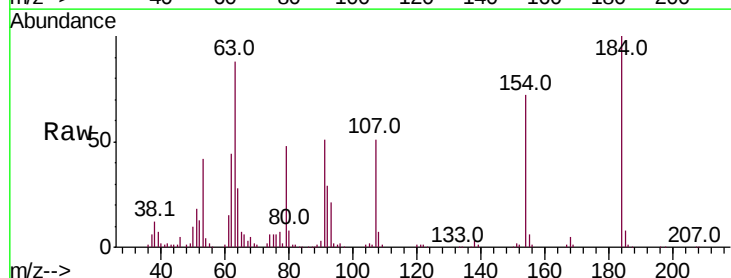
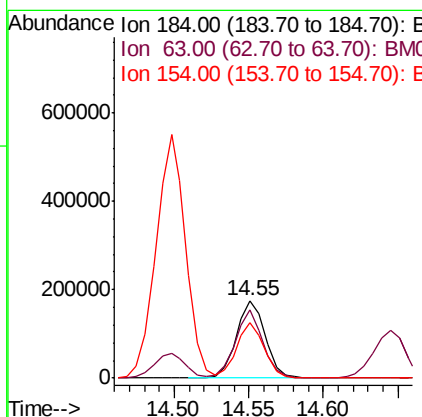
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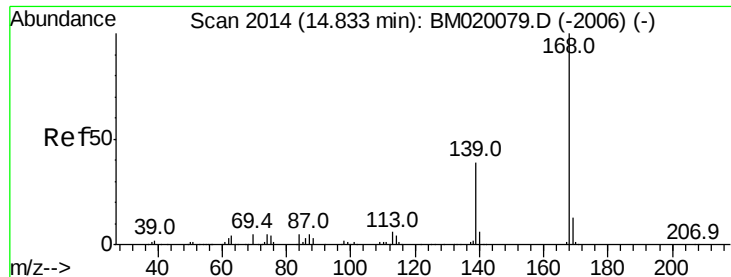
Sohil
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#54
2,4-Dinitrophenol
Concen: 79.256 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion:184 Resp: 235050
Ion Ratio Lower Upper
184 100
63 87.7 68.9 103.3
154 71.8 54.4 81.6





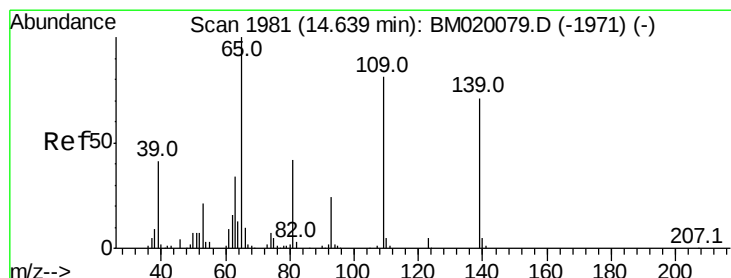
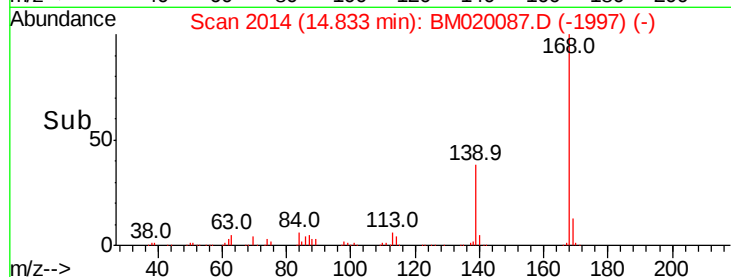
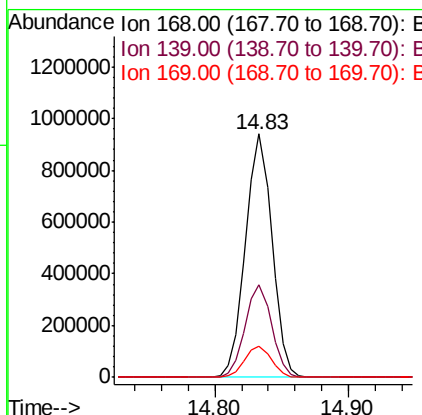
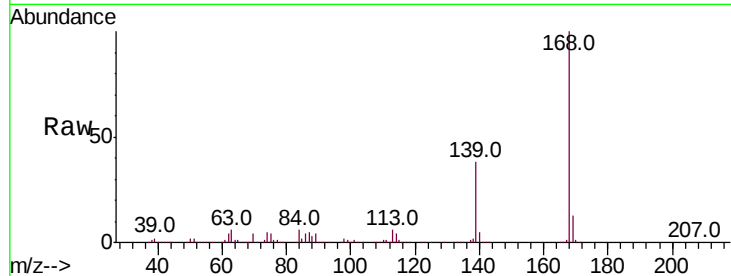
#55
Dibenzofuran
Concen: 38.279 ng
RT: 14.83 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.1	46.7
169	12.8	10.6	16.0

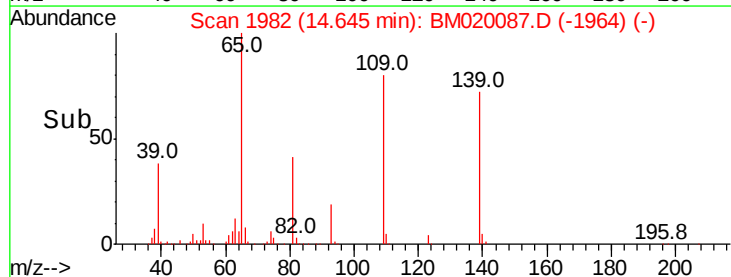
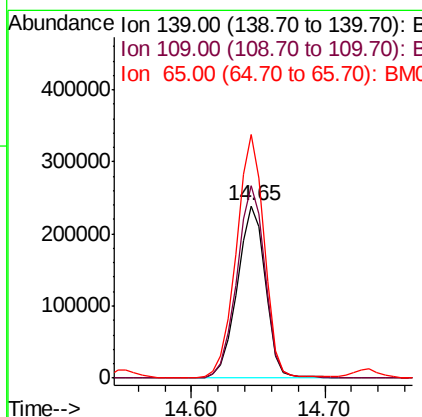
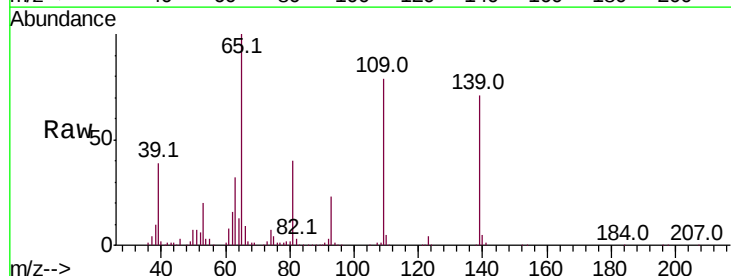
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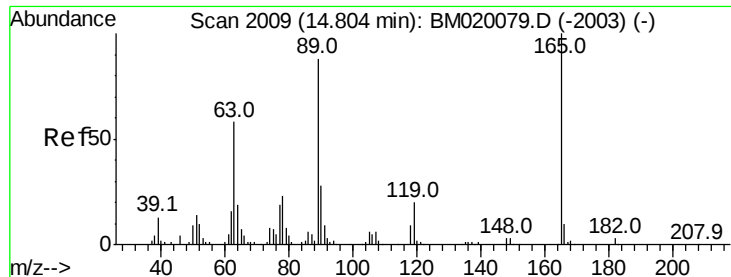
Sohil
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#56
4-Nitrophenol
Concen: 74.321 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.6	94.1	134.1
65	141.6	120.9	160.9





#57

2,4-Dinitrotoluene

Concen: 37.435 ng

RT: 14.80 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

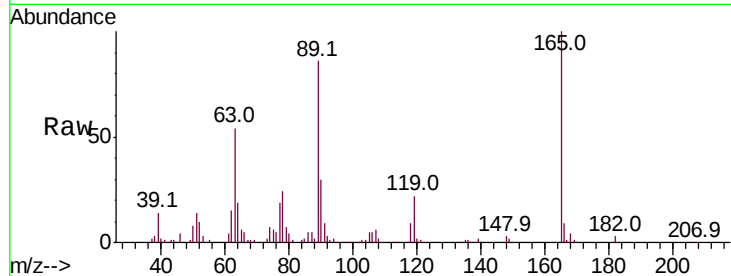
ClientSampleId :

PB119042BS

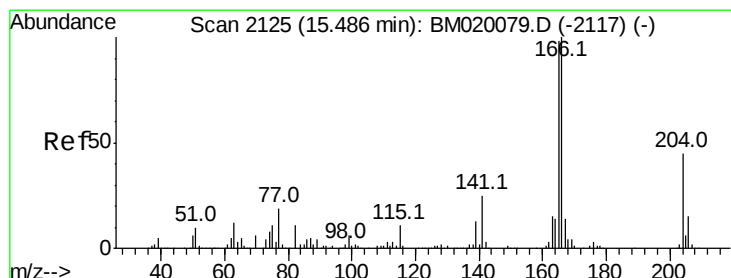
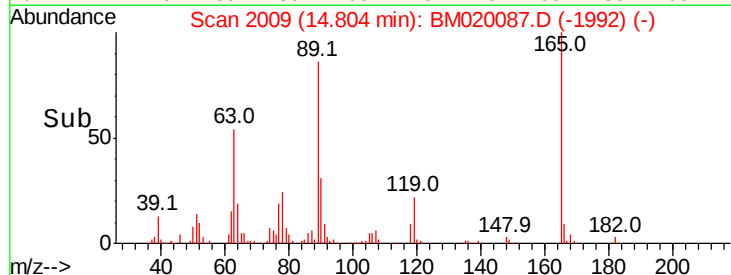
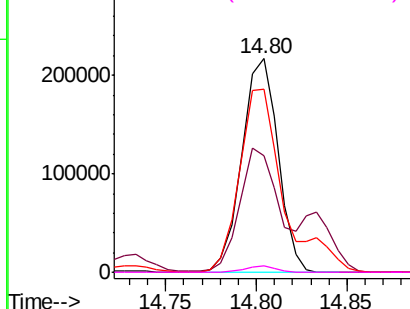
Tot Ion:	165	Resp:	301504
Ion Ratio	Lower	Upper	
165	100		
63	54.3	46.2	69.2
89	85.9	70.6	105.8
182	3.2	2.2	3.2

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



#58

Fluorene

Concen: 36.966 ng

RT: 15.48 min Scan# 2124

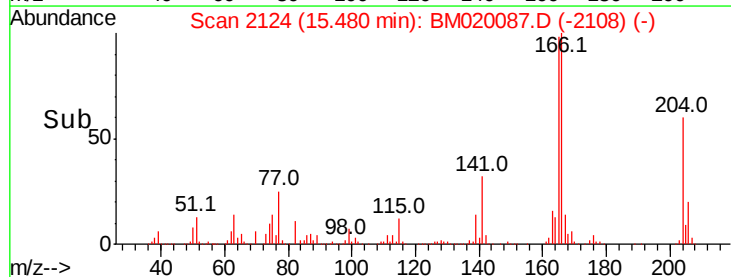
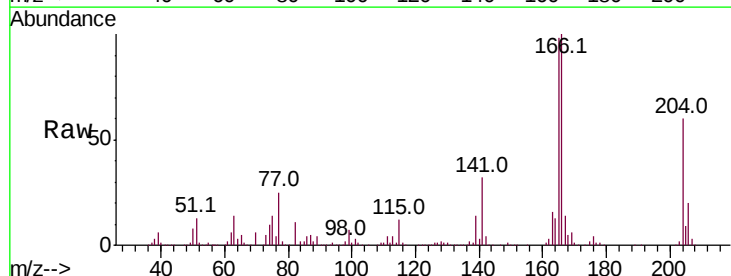
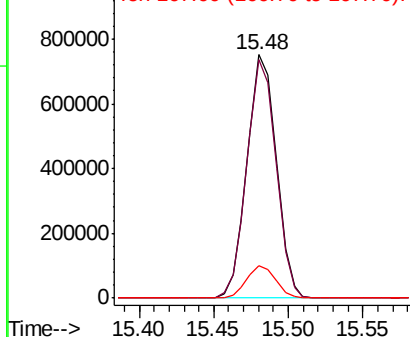
Delta R.T. -0.01 min

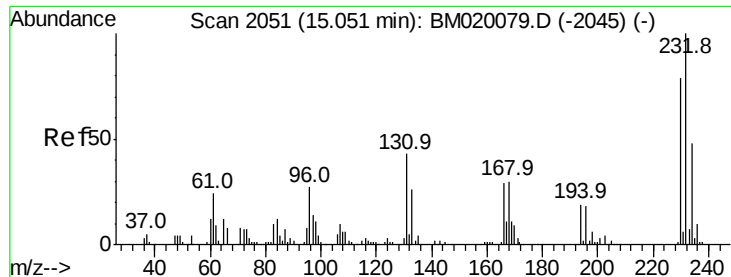
Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:	166	Resp:	1022654
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.2	117.2
167	13.5	11.0	16.4

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





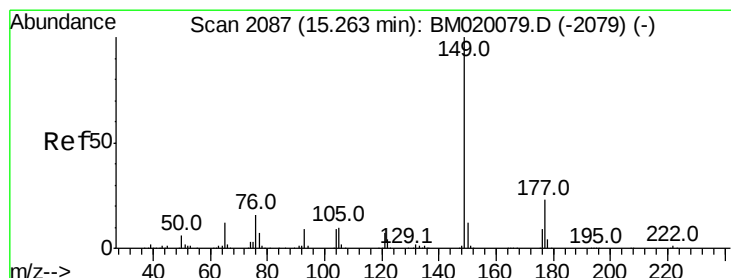
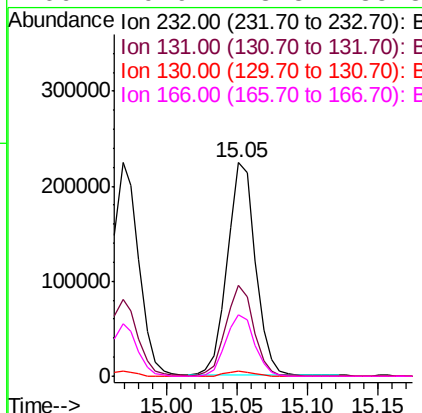
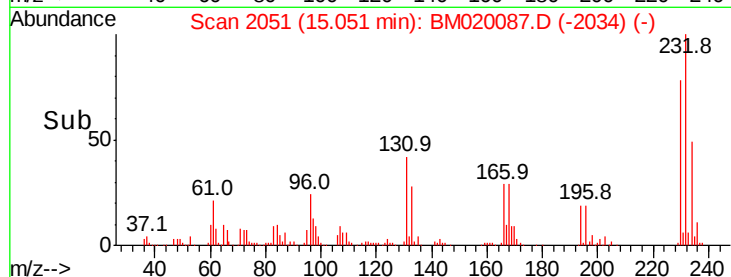
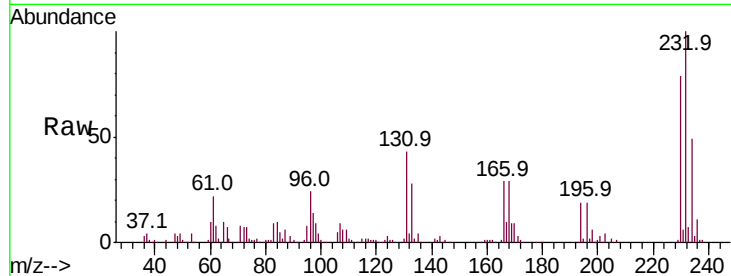
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.863 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	311574		
131	42.8		34.2	51.4
130	2.4		2.0	3.0
166	29.9		23.8	35.8

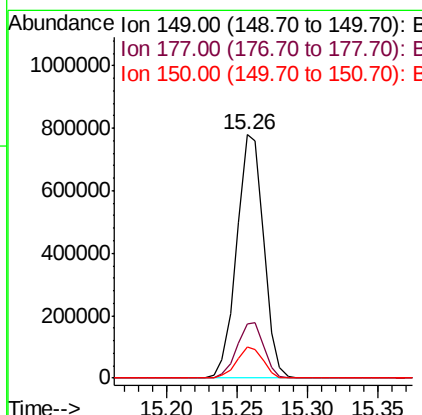
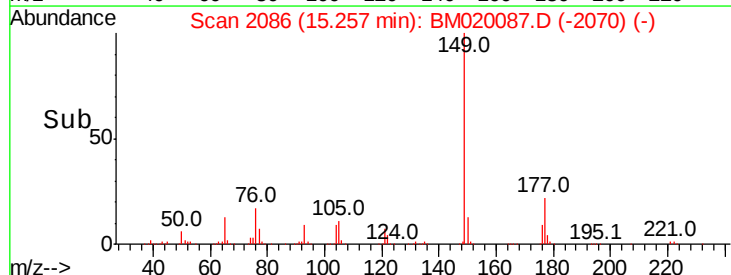
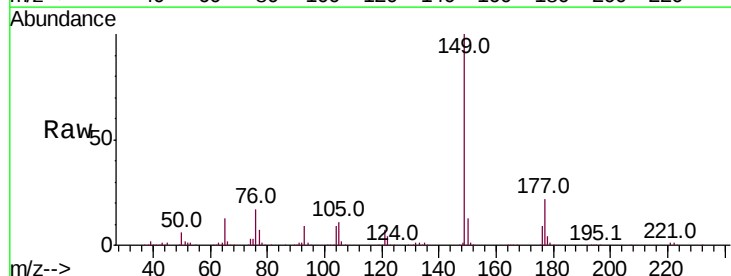
Manual Integrations
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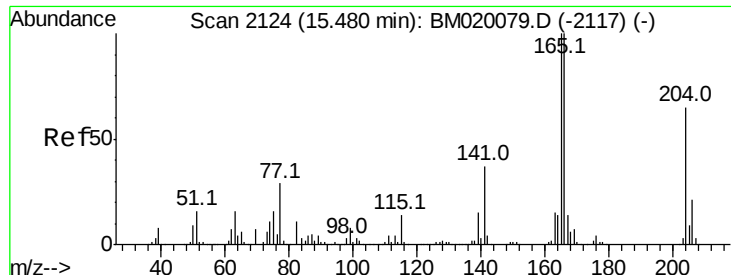
Sohil
 5/2/2019 2:19:55 AM



#60
 Diethylphthalate
 Concen: 36.569 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1036851		
177	22.2		18.2	27.4
150	12.6		9.9	14.9





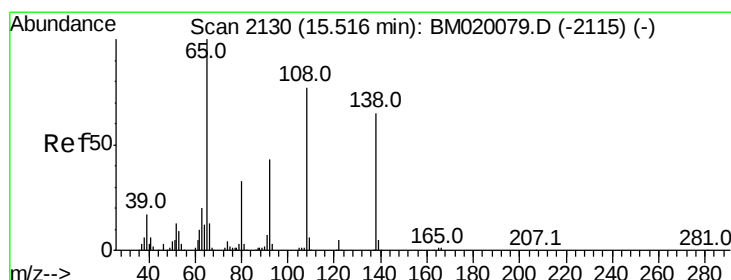
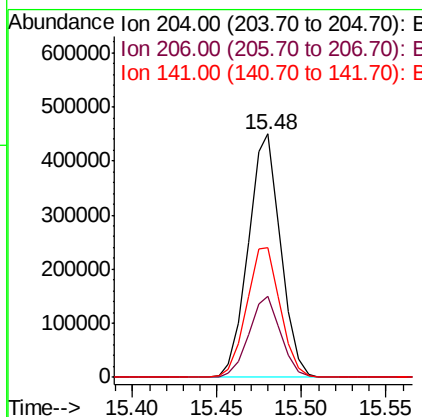
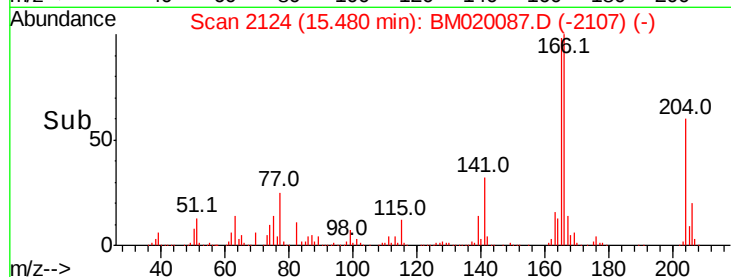
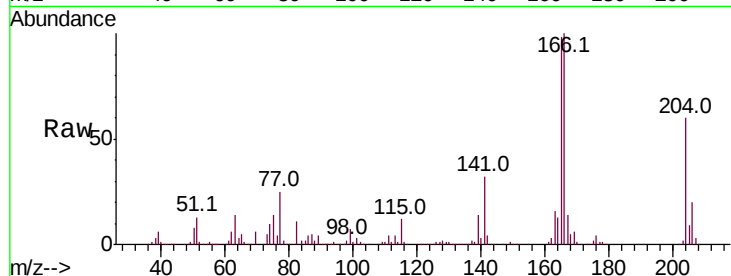
#61
 4-Chlorophenyl-phenylether
 Concen: 38.135 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion:	204	Resp:	597774
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.6	38.4
141	53.2	46.1	69.1

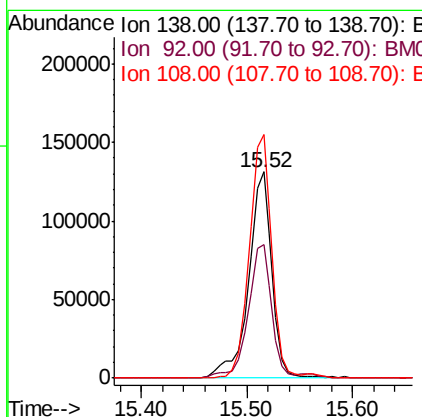
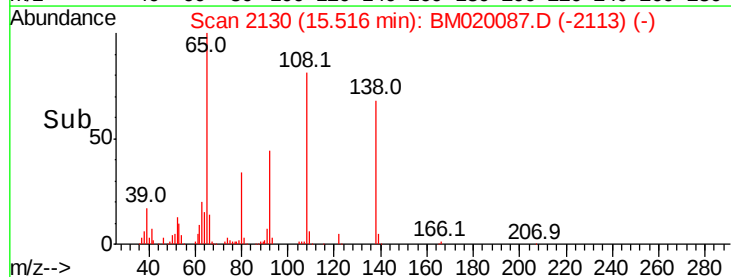
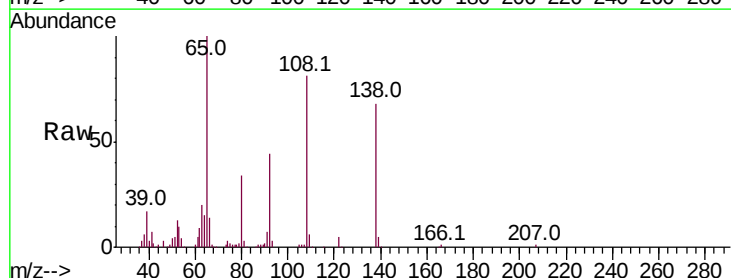
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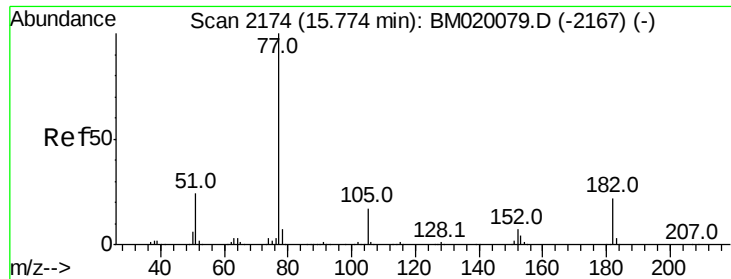
Sohil
 5/2/2019 2:19:55 AM



#62
 4-Nitroaniline
 Concen: 33.397 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion:	138	Resp:	202757
Ion Ratio	Lower	Upper	
138	100		
92	64.8	45.9	85.9
108	118.0	97.7	137.7





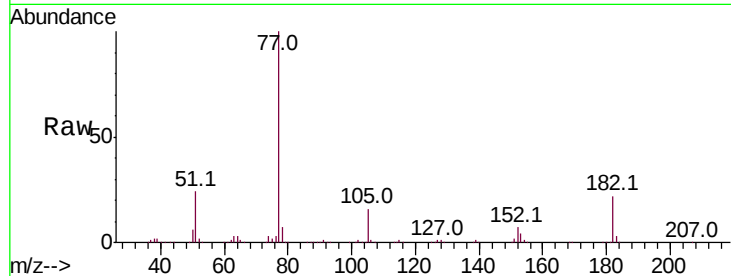
#63
Azobenzene
Concen: 36.565 ng
RT: 15.77 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.4	2.1	42.1
105	16.1	0.0	36.8
51	23.8	3.8	43.8

Manual Integrations
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Sohil
5/2/2019 2:19:55 AM

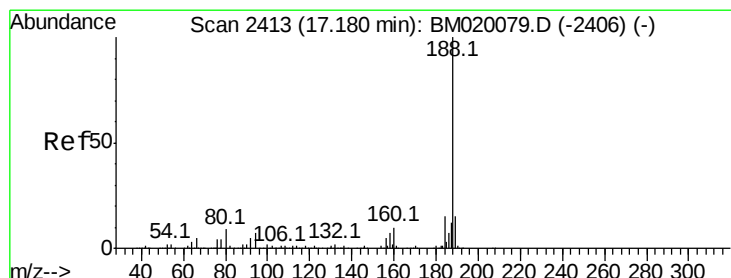
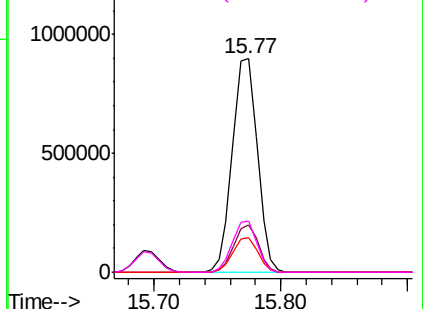
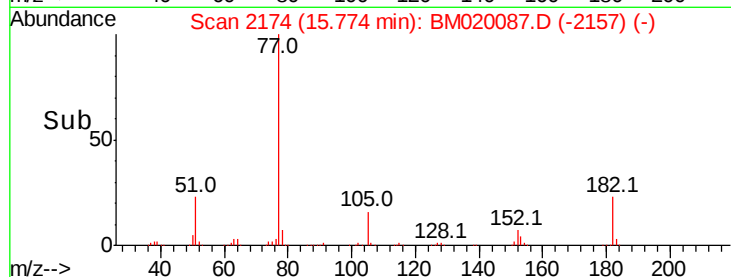


Abundance Ion 77.00 (76.70 to 77.70): BM020087.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020087.D (-2157) (-)

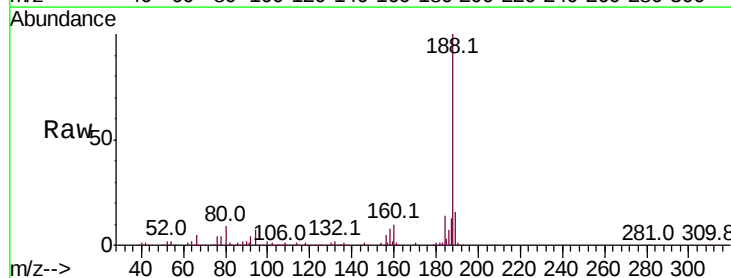
Ion 105.00 (104.70 to 105.70): BM020087.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020087.D (-2157) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

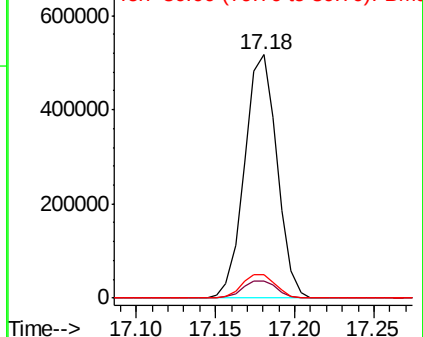
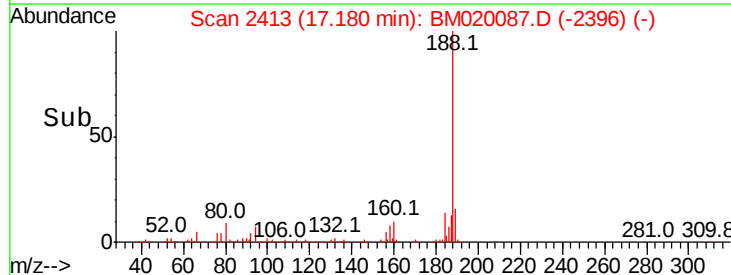
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	9.5	7.4	11.2

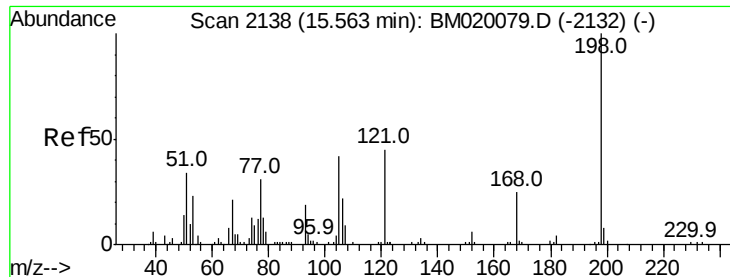


Abundance Ion 188.00 (187.70 to 188.70): BM020087.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020087.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020087.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.305 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion:198 Resp: 143936

Ion Ratio Lower Upper

198 100

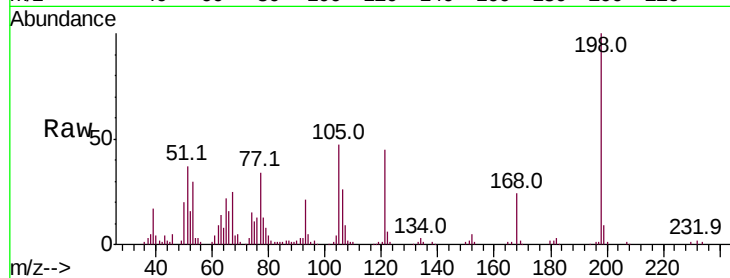
51 37.4 16.5 56.5

105 46.9 22.8 62.8

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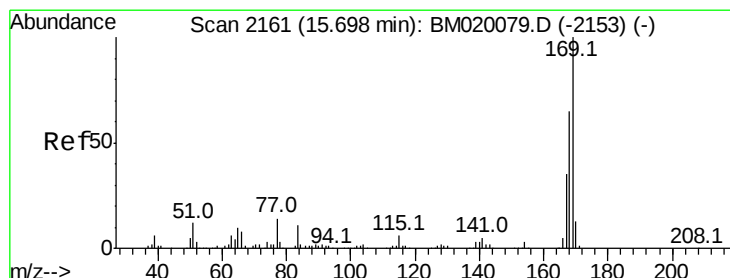
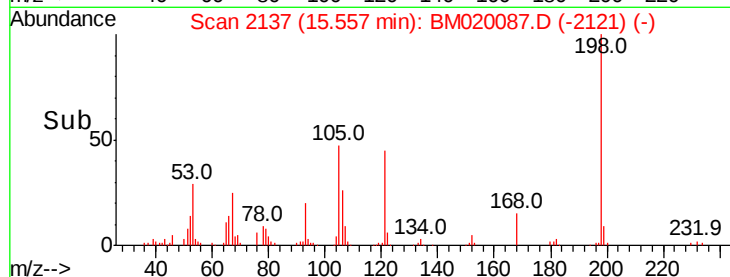
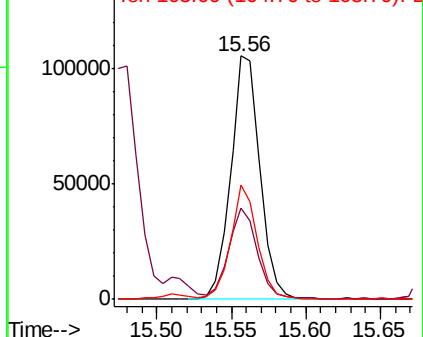
5/2/2019 2:19:55 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM020087.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.300 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

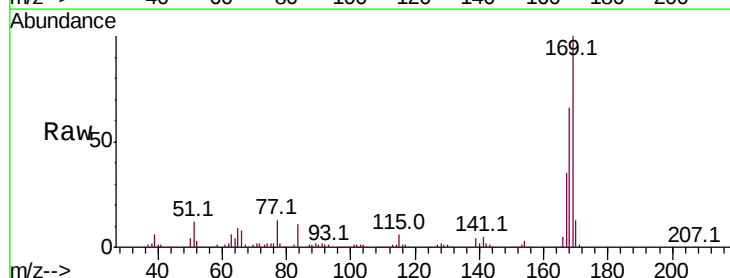
Tgt Ion:169 Resp: 889937

Ion Ratio Lower Upper

169 100

168 65.6 51.9 77.9

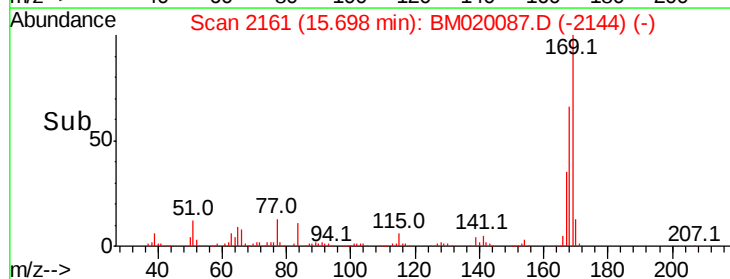
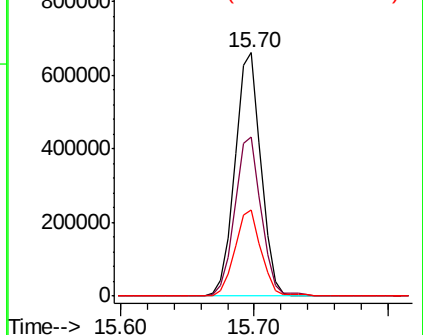
167 35.2 27.8 41.6

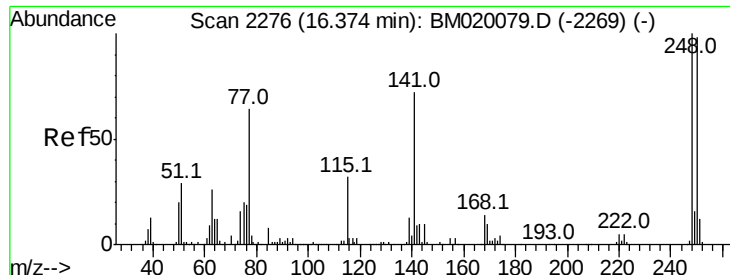


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





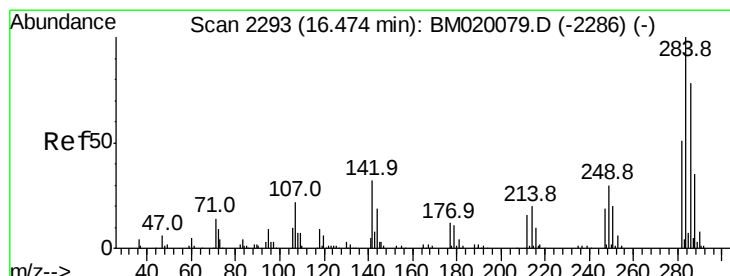
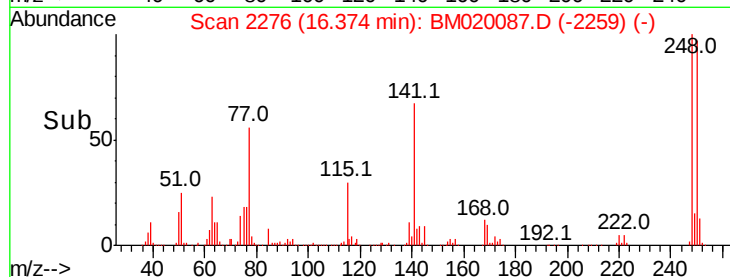
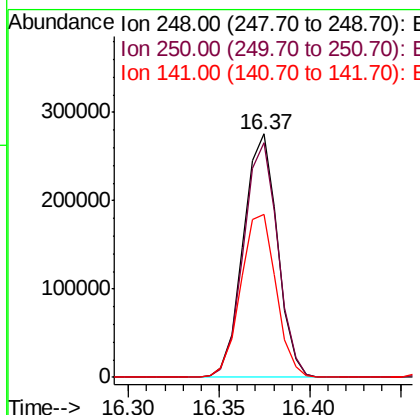
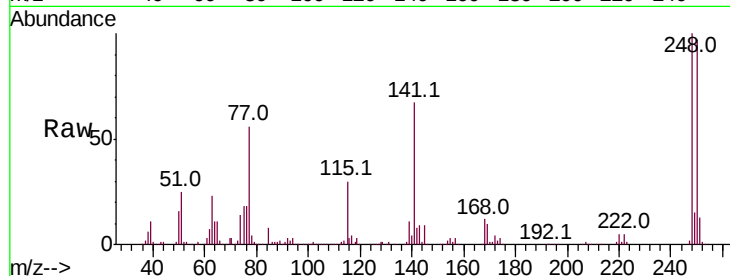
#67
 4-Bromophenyl-phenylether
 Concen: 40.187 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	360875		
250	96.6		78.4	117.6
141	66.9		57.4	86.2

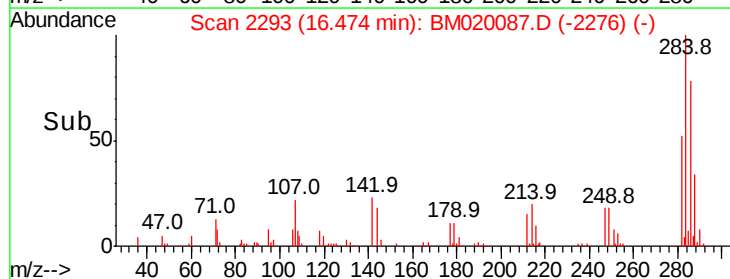
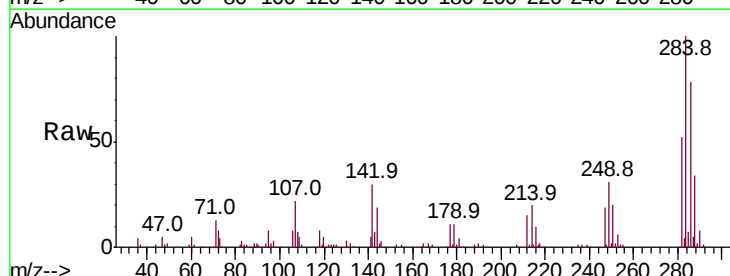
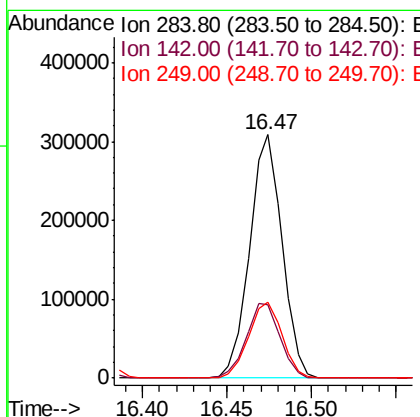
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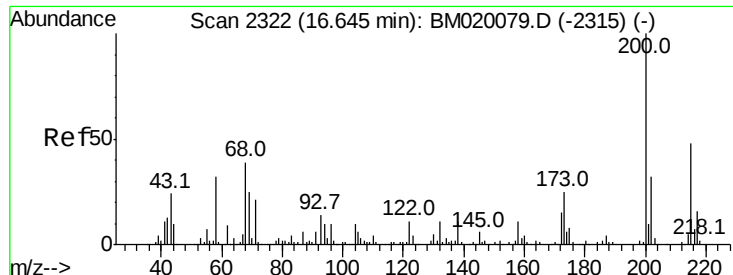
Sohil
 5/2/2019 2:19:55 AM



#68
 Hexachlorobenzene
 Concen: 40.061 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	413973		
142	29.9		25.2	37.8
249	31.4		23.6	35.4





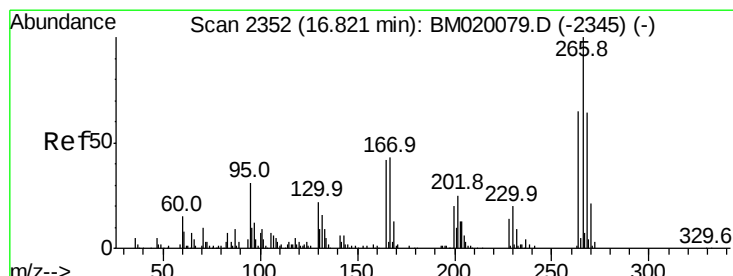
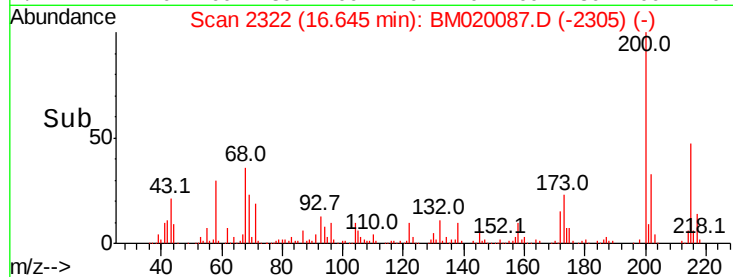
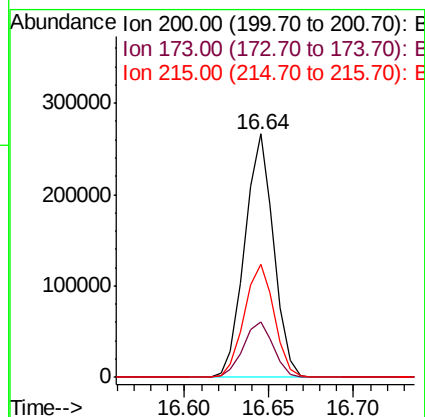
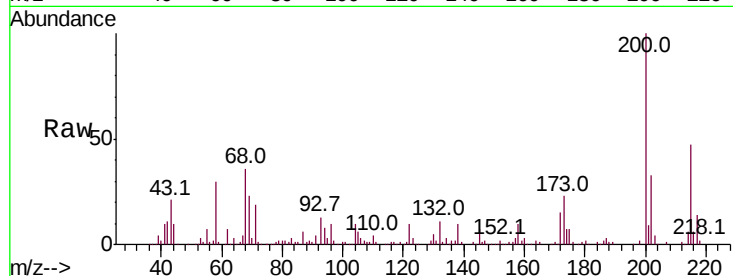
#69
Atrazine
Concen: 37.774 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.9	4.6	44.6
215	46.6	28.0	68.0

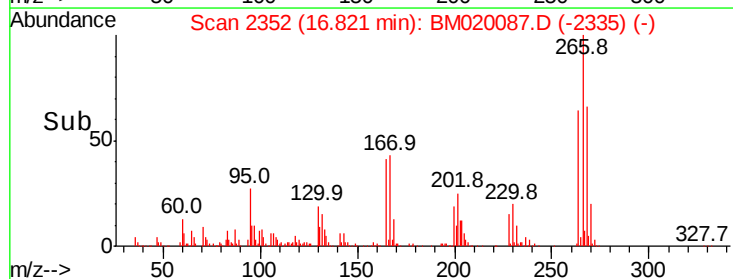
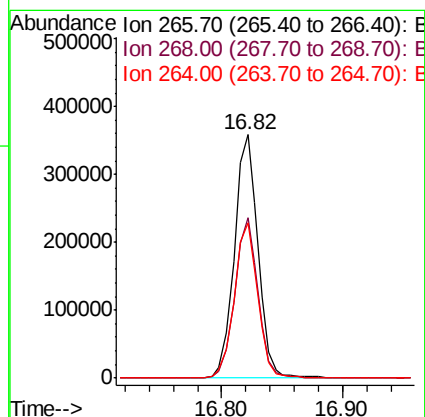
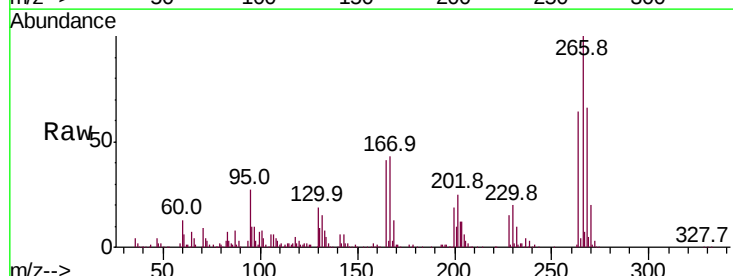
Manual Integrations
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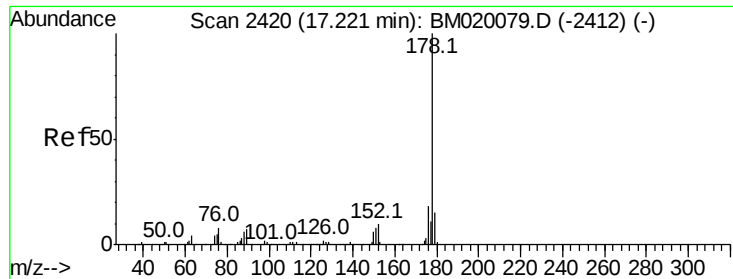
Sohil
5/2/2019 2:19:55 AM



#70
Pentachlorophenol
Concen: 82.652 ng
RT: 16.82 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.9	51.4	77.0
264	63.9	52.0	78.0





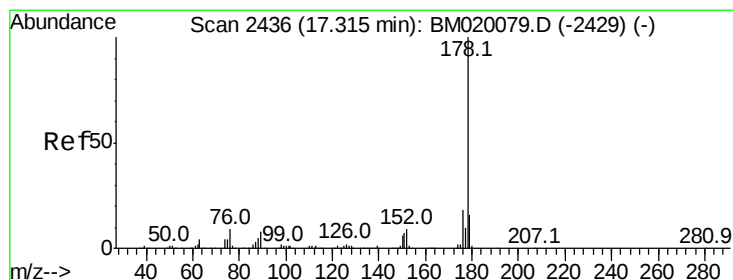
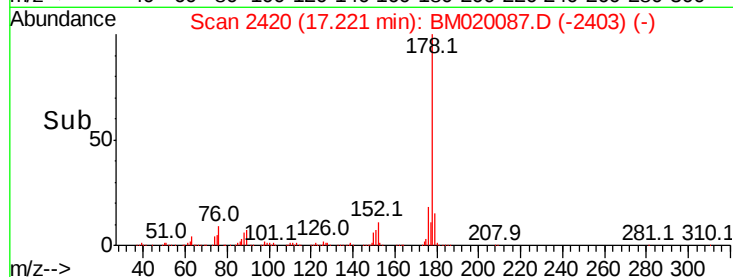
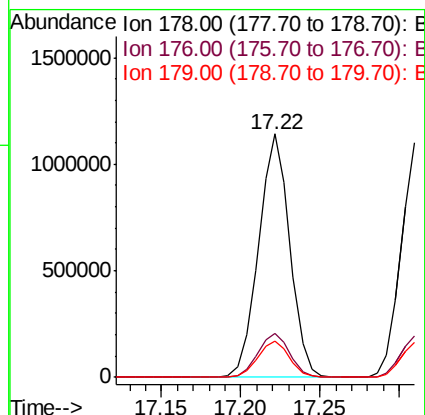
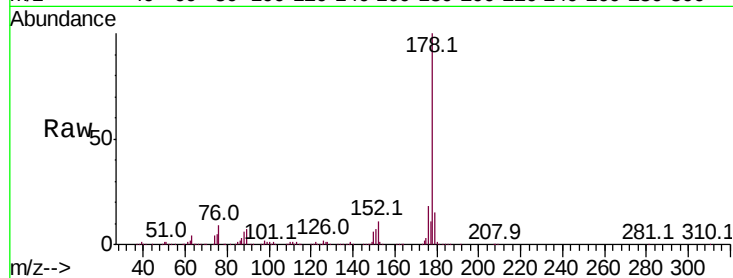
#71
Phenanthrene
Concen: 38.647 ng
RT: 17.22 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	14.9	12.4	18.6

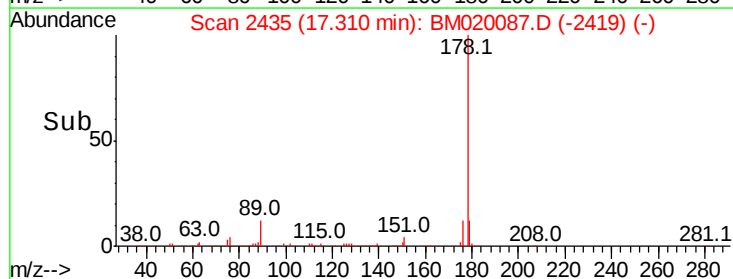
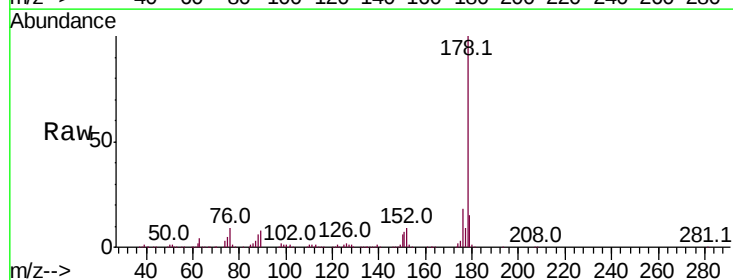
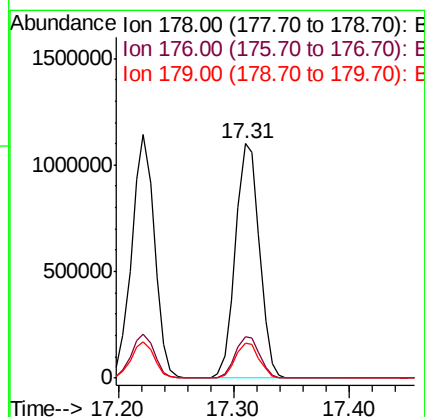
Manual Integrations
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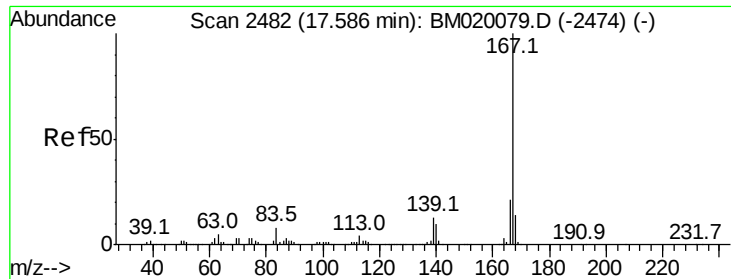
Sohil
5/2/2019 2:19:55 AM



#72
Anthracene
Concen: 39.115 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.2	12.4	18.6





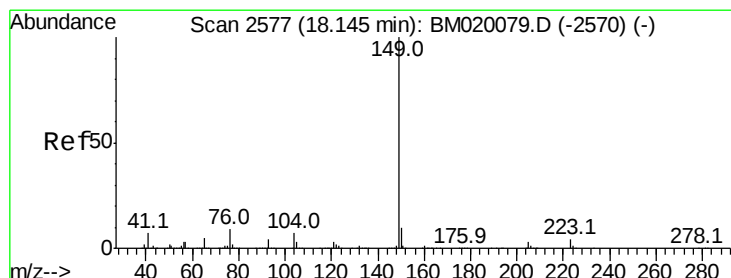
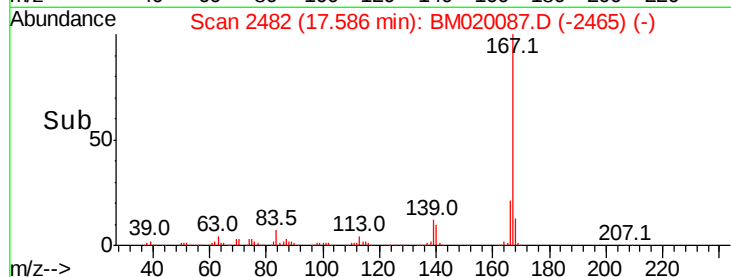
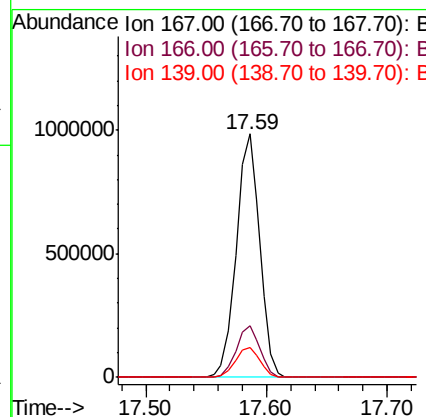
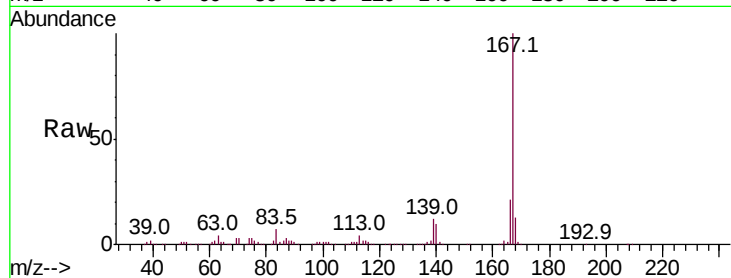
#73
 Carbazole
 Concen: 36.386 ng
 RT: 17.59 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.4	10.6	16.0

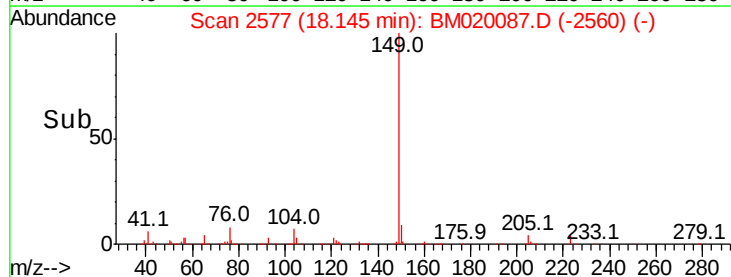
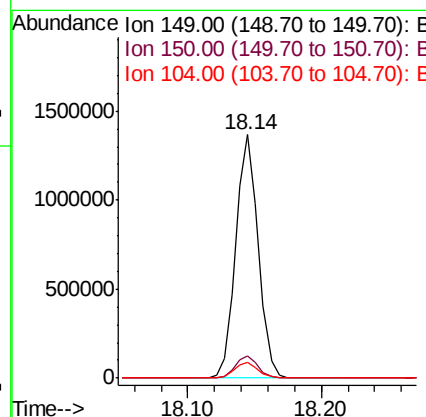
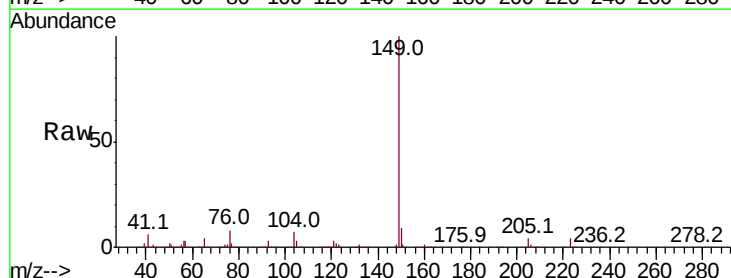
Manual Integrations
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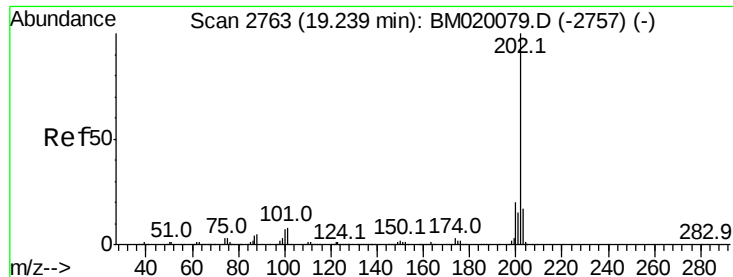
Sohil
 5/2/2019 2:19:55 AM



#74
 Di-n-butylphthalate
 Concen: 36.677 ng
 RT: 18.14 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.6
104	6.7	5.7	8.5





#75

Fluoranthene

Concen: 35.169 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion:202 Resp: 1798753

Ion Ratio Lower Upper

202 100

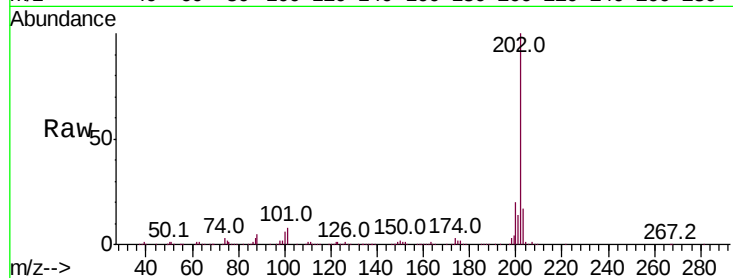
101 7.9 0.0 28.4

203 17.2 0.0 37.4

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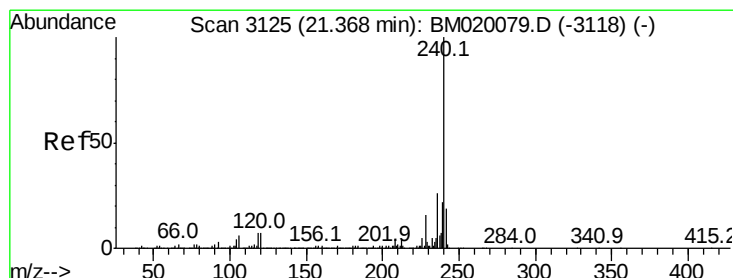
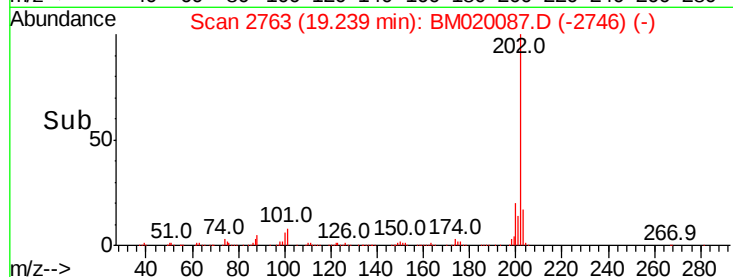
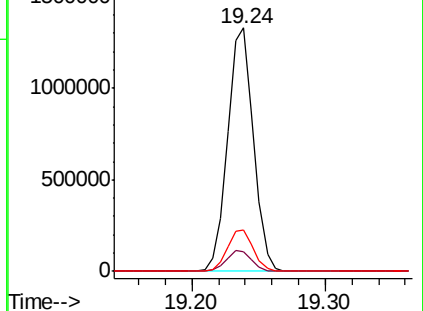
5/2/2019 2:19:55 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

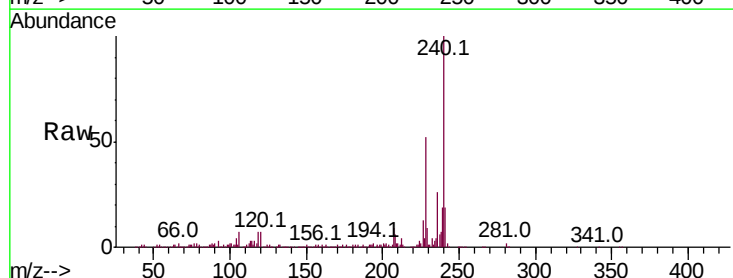
Tgt Ion:240 Resp: 622298

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

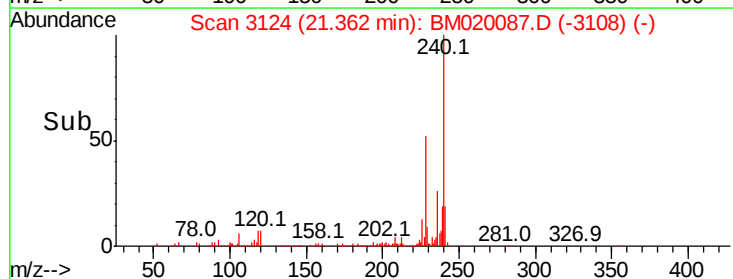
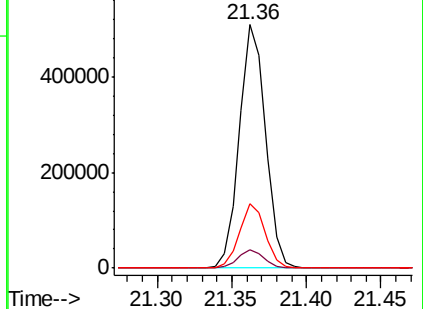
236 26.3 20.9 31.3

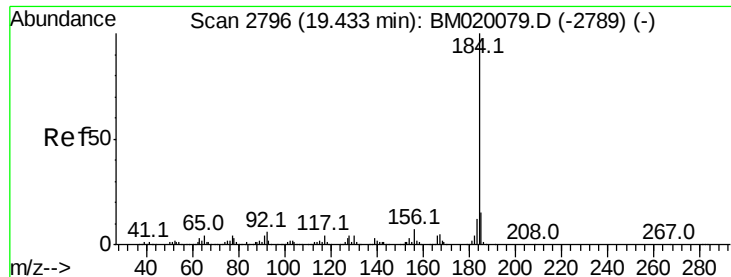


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.641 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

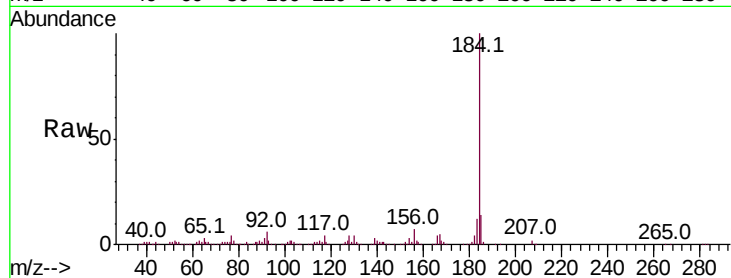
ClientSampleId :

PB119042BS

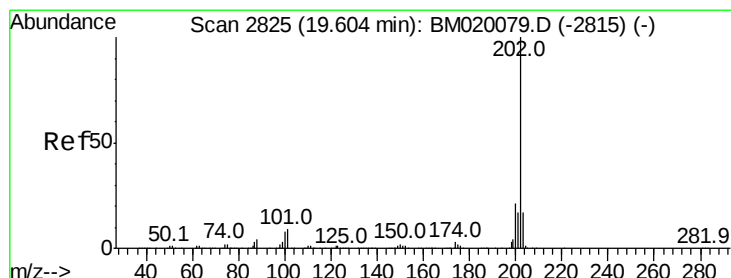
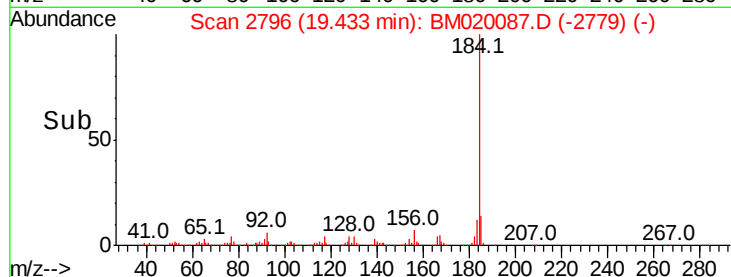
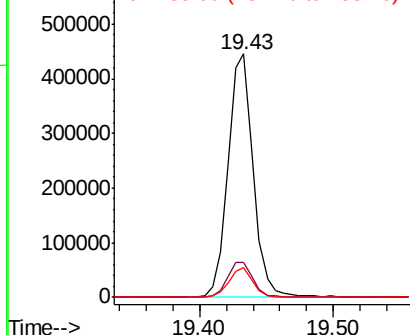
Tot Ion:	184	Resp:	589711
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	12.4	9.5	14.3

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



#78

Pyrene

Concen: 43.513 ng

RT: 19.60 min Scan# 2825

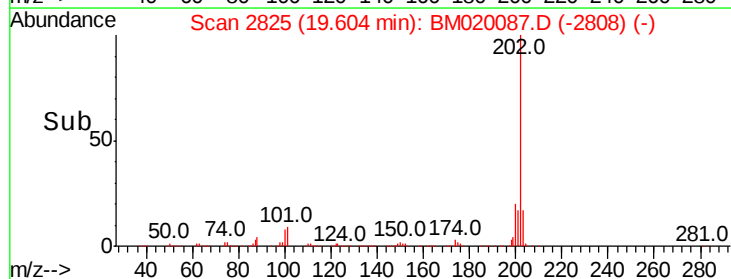
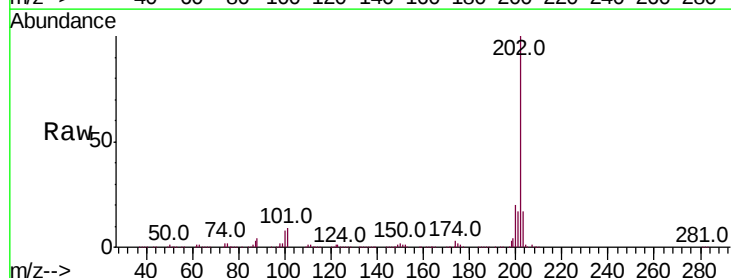
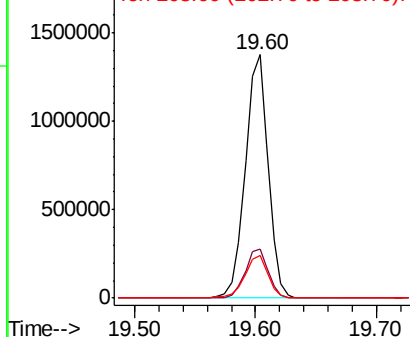
Delta R.T. 0.00 min

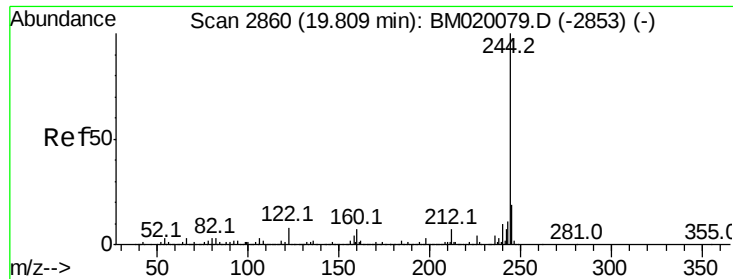
Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:	202	Resp:	1817982
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.5	24.7
203	17.3	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





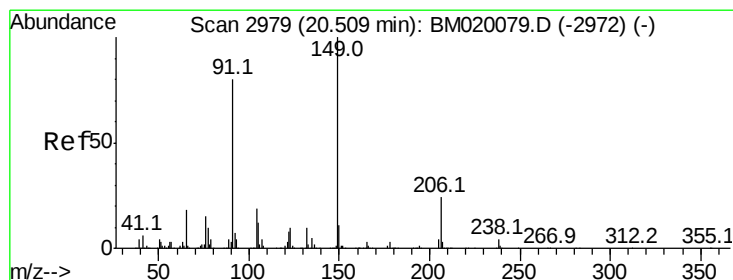
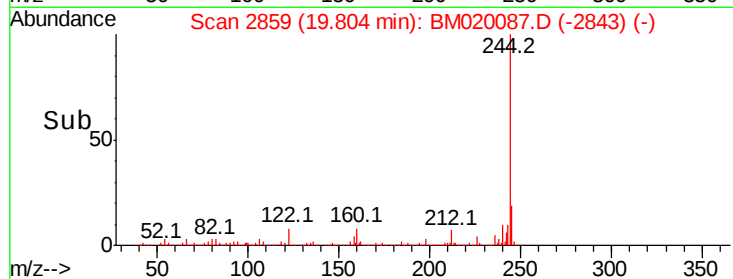
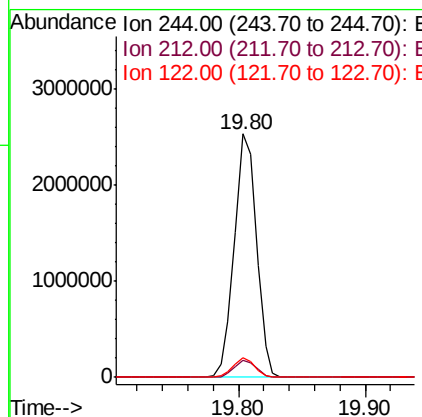
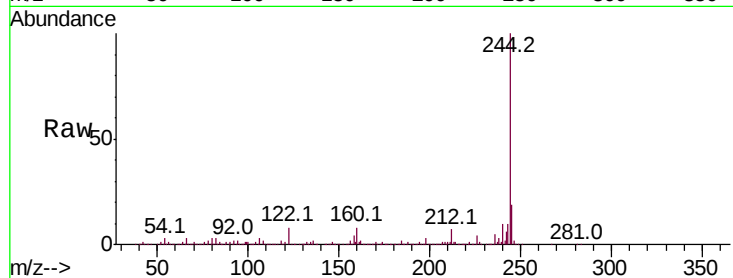
#79
 Terphenyl-d14
 Concen: 85.268 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Instrument :
 BNA_M
 ClientSampleId :
 PB119042BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.1	6.2	9.2

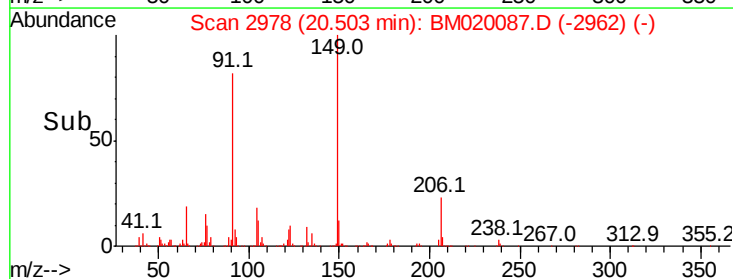
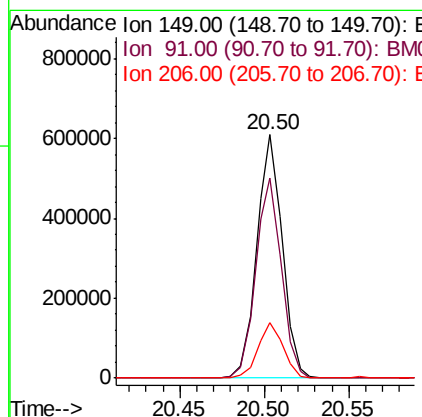
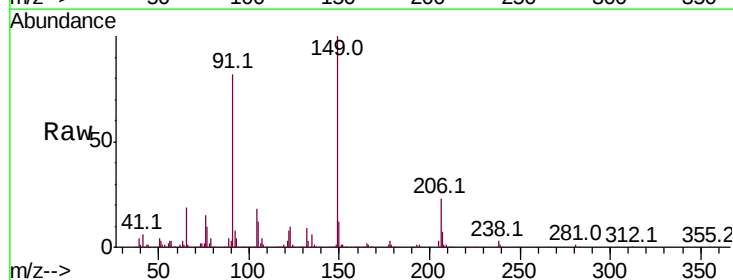
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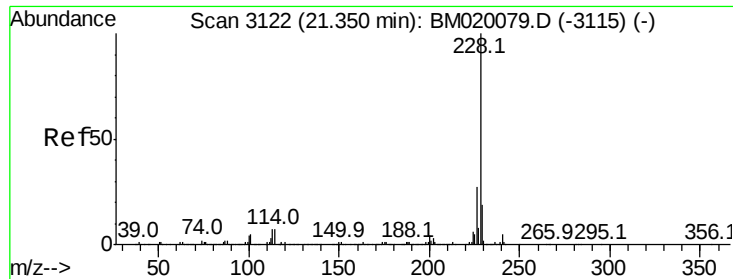
Sohil
 5/2/2019 2:19:55 AM



#80
 Butylbenzylphthalate
 Concen: 42.097 ng
 RT: 20.50 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BM020087.D
 Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.4	63.8	95.8
206	22.9	18.9	28.3





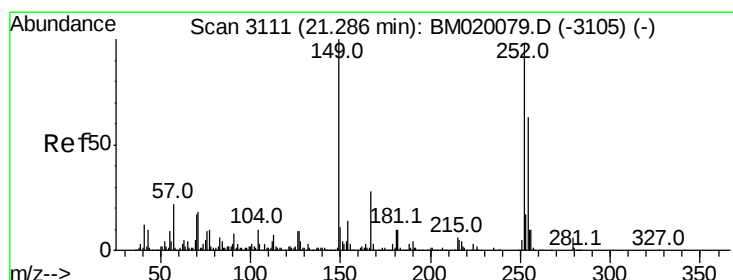
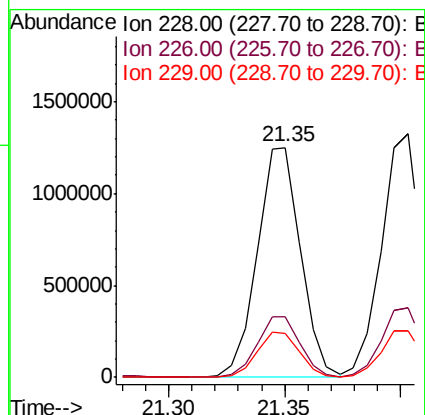
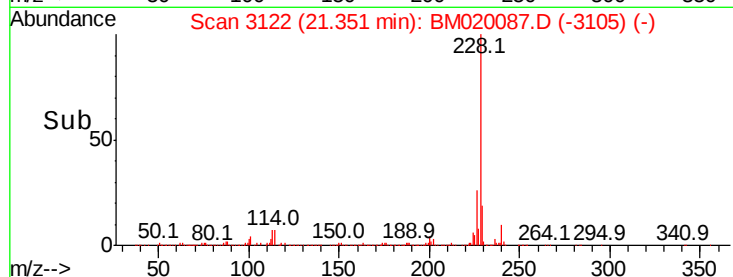
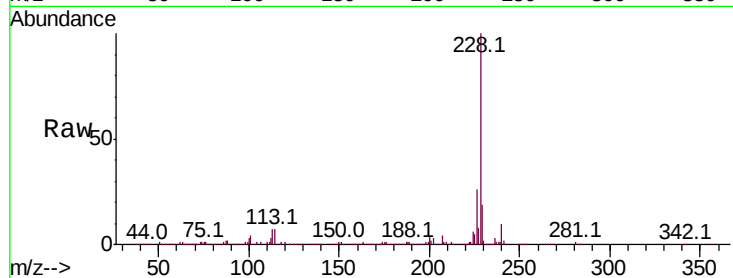
#81
Benzo(a)anthracene
Concen: 37.369 ng
RT: 21.35 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.1	15.5	23.3

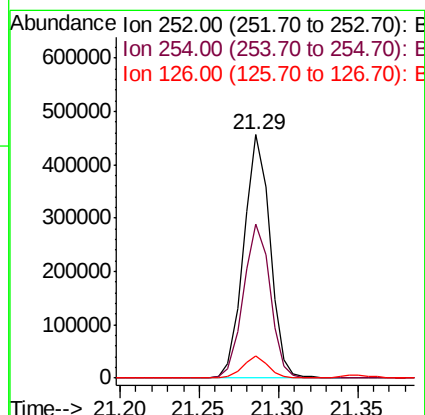
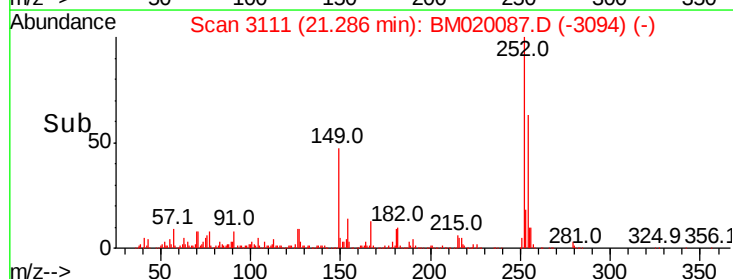
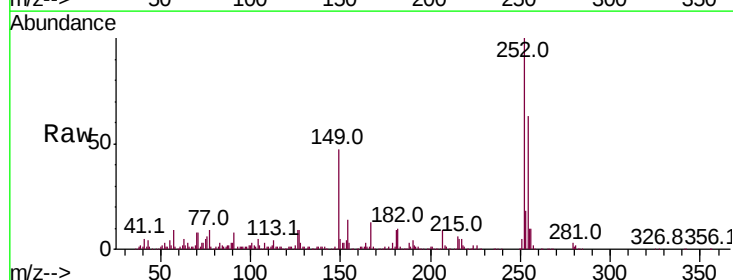
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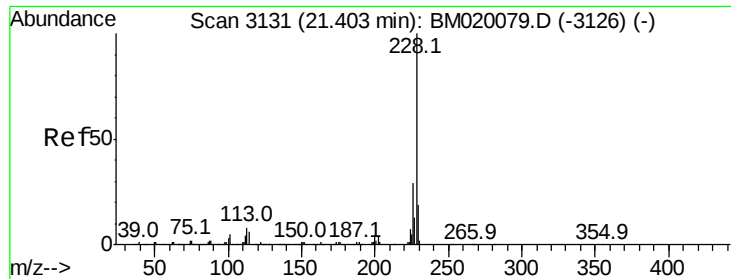
Sohil
5/2/2019 2:19:55 AM



#82
3,3'-Dichlorobenzidine
Concen: 31.584 ng
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.1	76.7
126	9.0	7.1	10.7





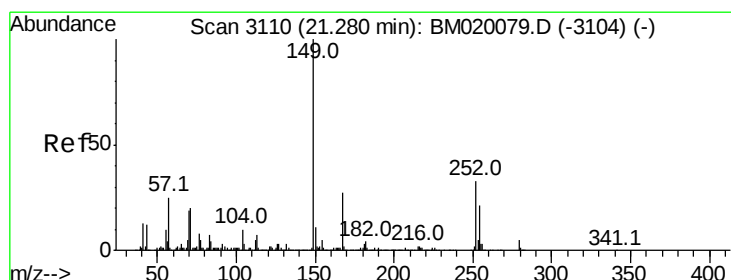
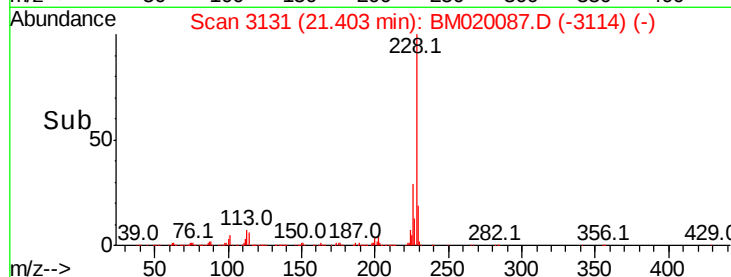
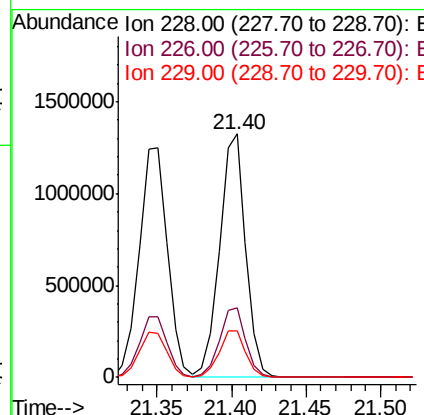
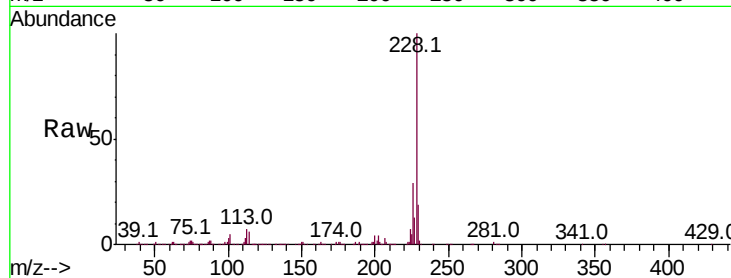
#83
Chrysene
Concen: 38.137 ng
RT: 21.40 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	18.9	15.5	23.3

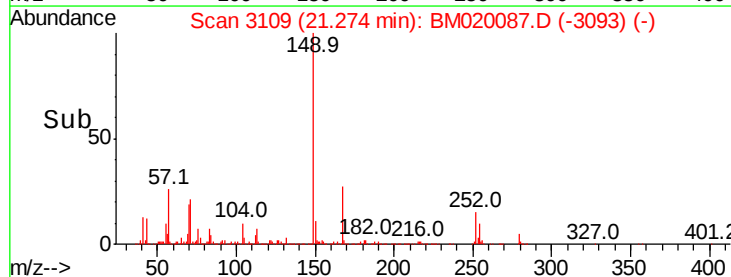
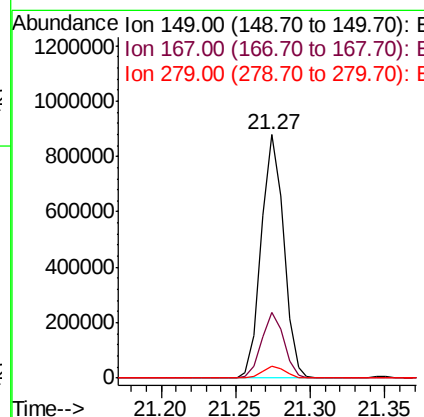
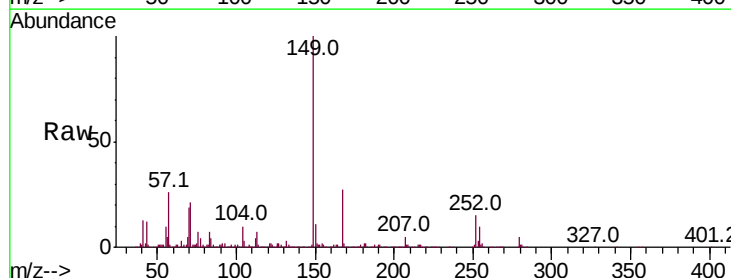
Manual Integrations
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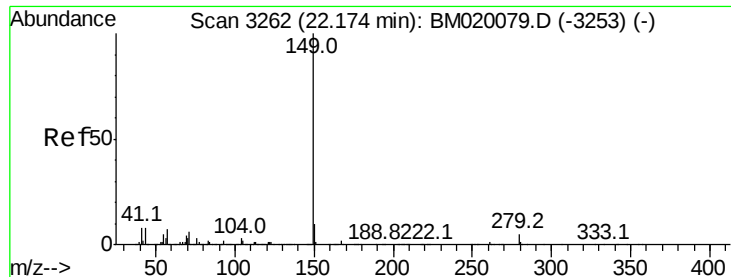
Sohil
5/2/2019 2:19:55 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.499 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	5.0	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 36.695 ng

RT: 22.17 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

ClientSampleId :

PB119042BS

Tot Ion:149 Resp: 1437895

Ion Ratio Lower Upper

149 100

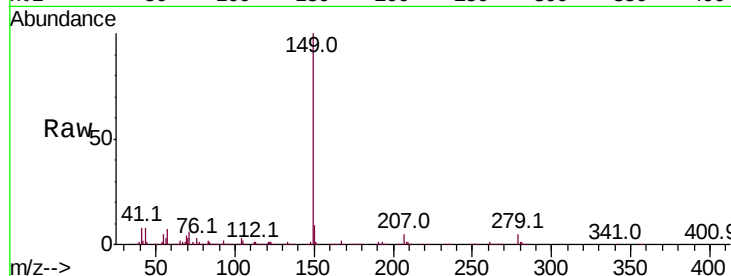
167 1.6 1.3 1.9

43 7.8 6.5 9.7

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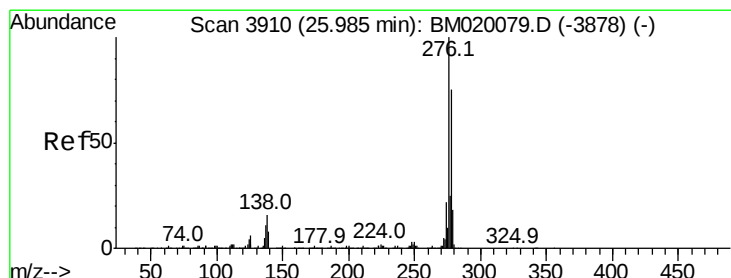
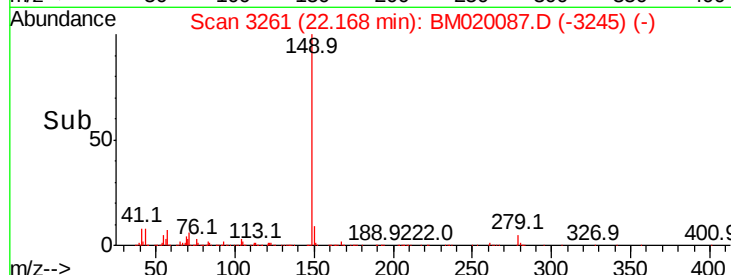
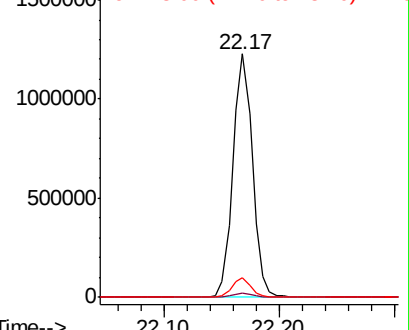
5/2/2019 2:19:55 AM



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: 33.025 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

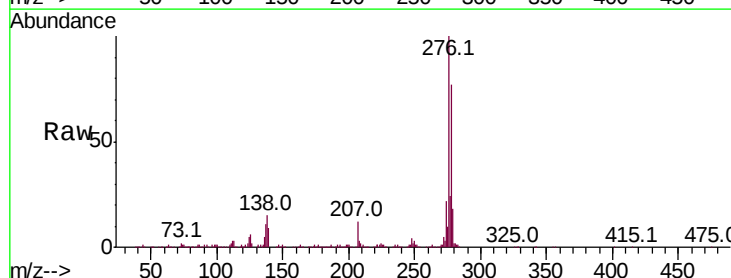
Tgt Ion:276 Resp: 1662632

Ion Ratio Lower Upper

276 100

138 16.9 0.0 0.0#

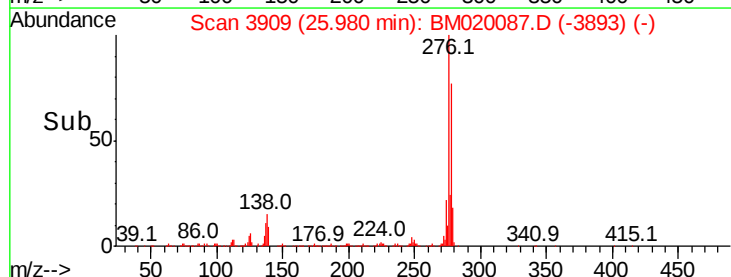
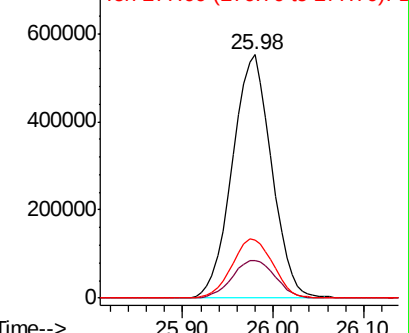
277 25.4 0.0 0.0#

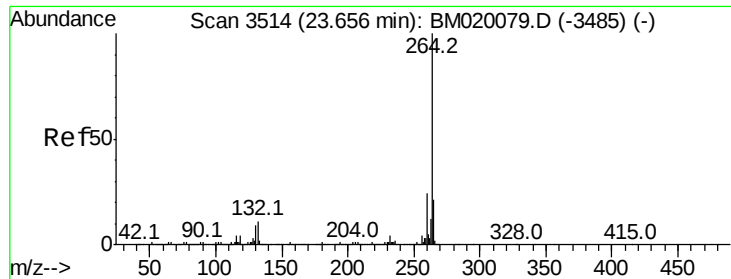


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Instrument :

BNA_M

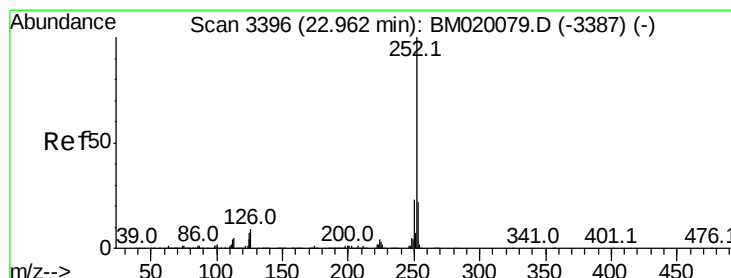
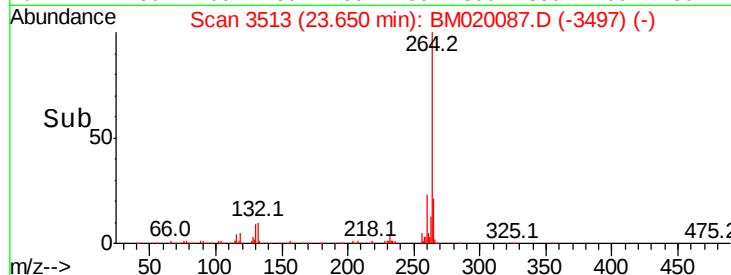
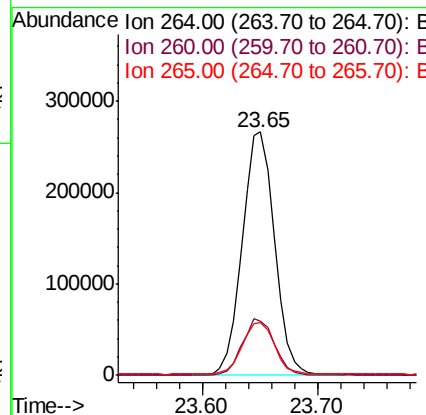
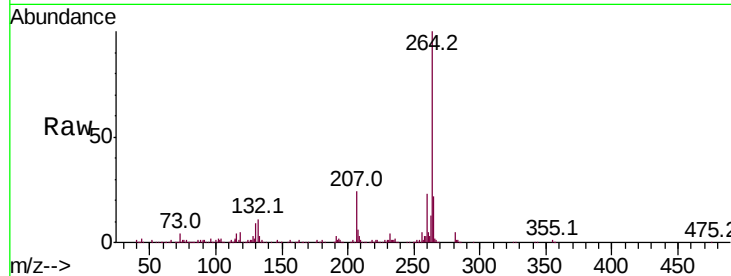
ClientSampleId :

PB119042BS

Tot Ion:	264	Resp:	518631
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	21.9	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.757 ng

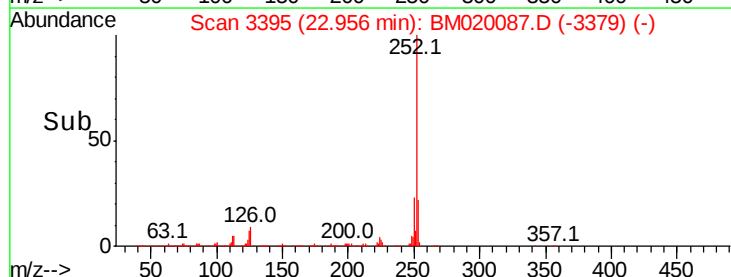
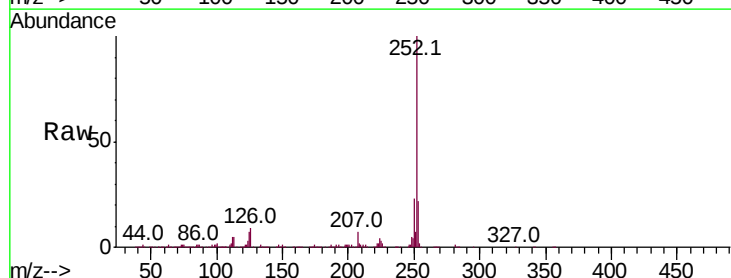
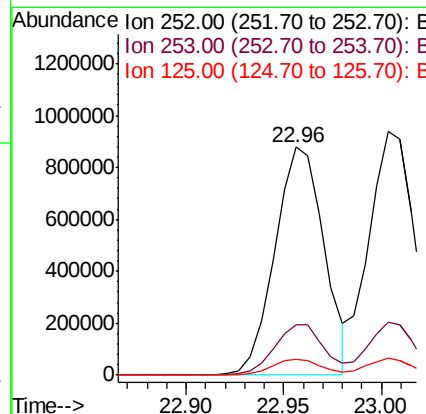
RT: 22.96 min Scan# 3395

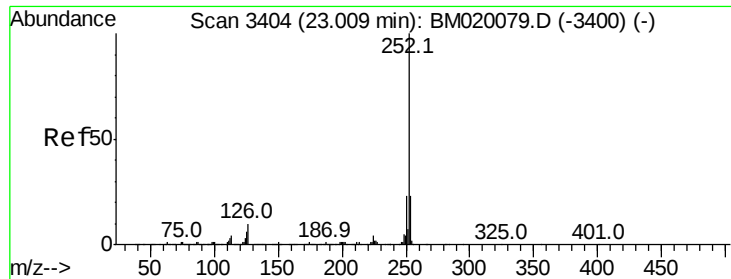
Delta R.T. -0.01 min

Lab File: BM020087.D

Acq: 01 May 2019 13:12

Tgt Ion:	252	Resp:	1532828
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	7.0	5.4	8.2





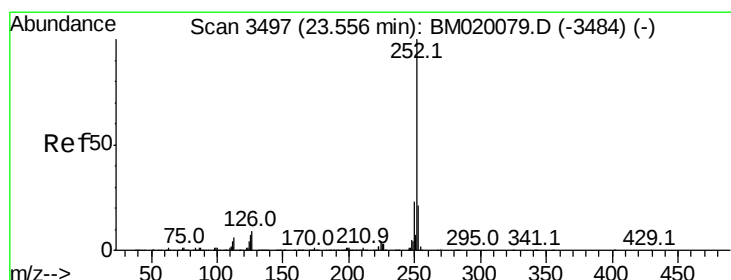
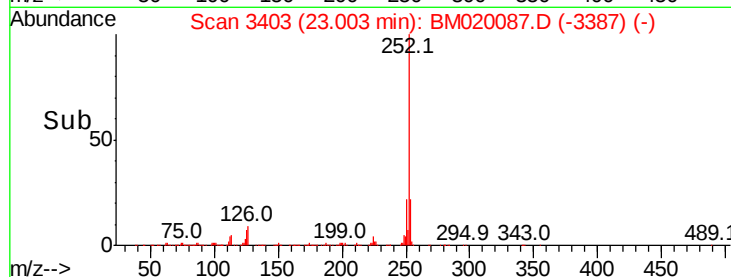
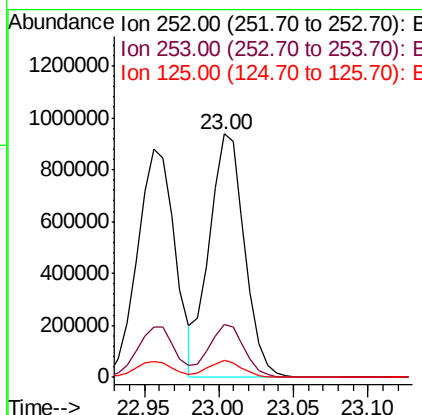
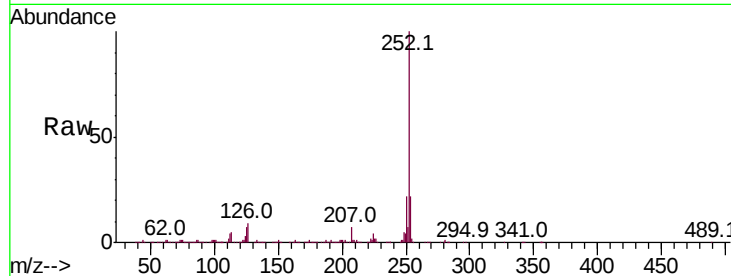
#89
Benzo(k)fluoranthene
Concen: 49.433 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	7.0	5.4	8.0

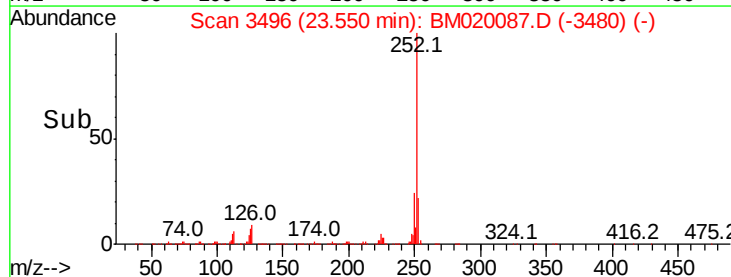
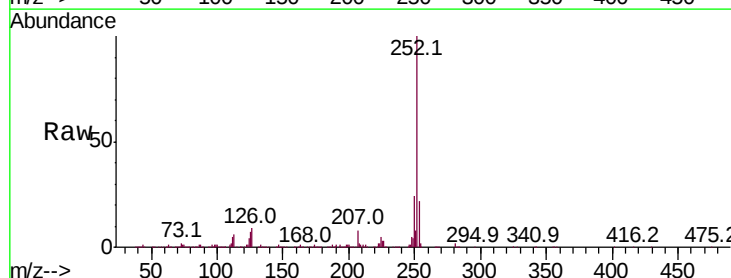
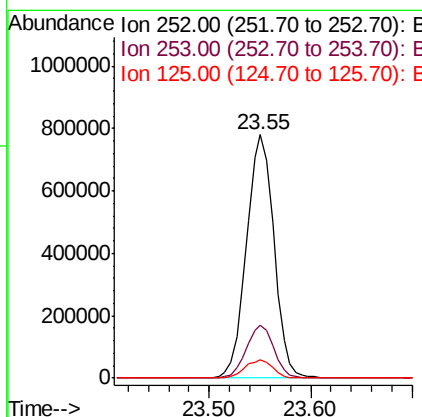
Manual Integrations
APPROVED

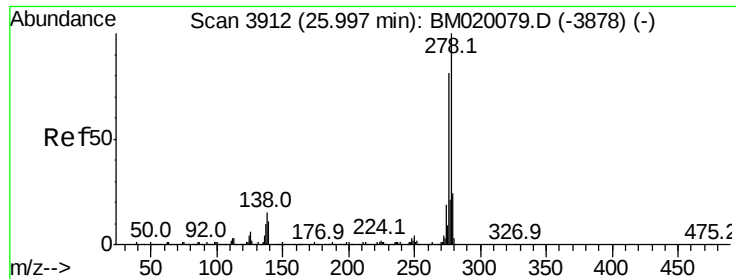
Sohil
5/2/2019 2:19:55 AM



#90
Benzo(a)pyrene
Concen: 47.247 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.4	5.5	8.3





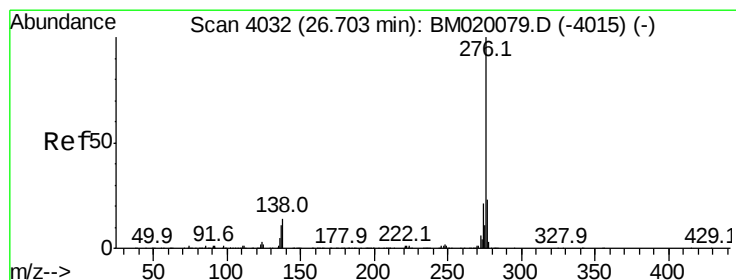
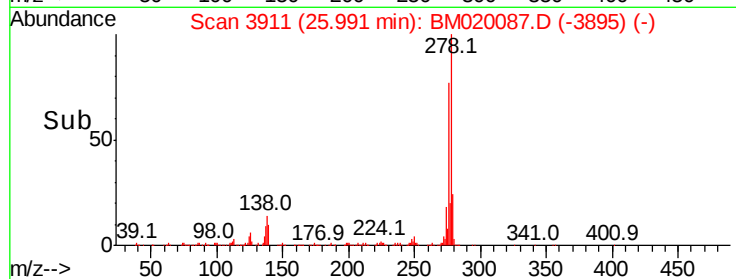
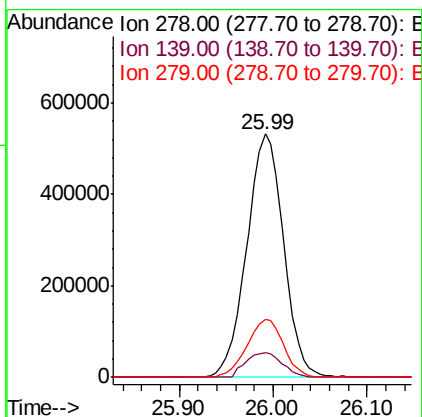
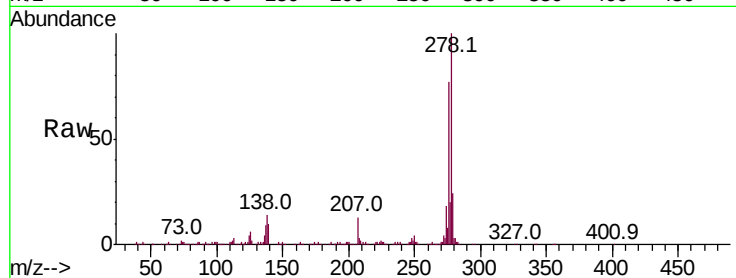
#91
Dibenzo(a,h)anthracene
Concen: 44.541 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Instrument :
BNA_M
ClientSampleId :
PB119042BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.6	13.0
279	23.6	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/2/2019 2:19:55 AM



#92
Benzo(g,h,i)perylene
Concen: 45.282 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020087.D
Acq: 01 May 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	14.2	11.1	16.7

