

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020712.D
 Acq On : 04 Jun 2019 20:38
 Operator : HP/JU
 Sample : PB119943BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Manual Integrations
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mohammad
 6/5/2019 3:41:38 PM

Quant Time: Jun 05 03:56:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	369260	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1441423	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	739648	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1366882	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1007852	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1109409	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2913673	138.80	ng	0.00
7) Phenol-d6	6.99	99	3789928	122.61	ng	0.00
23) Nitrobenzene-d5	8.99	82	2309954	83.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1225037	133.68	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	5022021	90.27	ng	0.00
79) Terphenyl-d14	19.83	244	5184706	86.05	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.36	88	348236	40.518 ng	98
3) Pyridine	3.75	79	985460	36.039 ng	97
4) n-Nitrosodimethylamine	3.66	42	456699	38.744 ng	95
6) Aniline	7.16	93	1330771	29.755 ng	99
8) 2-Chlorophenol	7.39	128	1137038	43.540 ng	98
9) Benzaldehyde	6.97	77	346241	15.573 ng	97
10) Phenol	7.02	94	1379483	41.413 ng	98
11) bis(2-Chloroethyl)ether	7.26	93	1028823	38.756 ng	98
12) 1,3-Dichlorobenzene	7.71	146	1180819	39.343 ng	99
13) 1,4-Dichlorobenzene	7.86	146	1213057	39.757 ng	98
14) 1,2-Dichlorobenzene	8.17	146	1151189	38.770 ng	100
15) Benzyl Alcohol	8.07	79	1015975	37.154 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1436234	35.043 ng	100
17) 2-Methylphenol	8.26	107	927625	39.603 ng	97
18) Hexachloroethane	8.90	117	442950	37.918 ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	850563	34.233 ng	96
20) 3+4-Methylphenols	8.59	107	1211537	38.017 ng	100
22) Acetophenone	8.65	105	1574011	42.985 ng	# 96
24) Nitrobenzene	9.03	77	1239055	43.627 ng	99
25) Isophorone	9.55	82	2197009	39.700 ng	100
26) 2-Nitrophenol	9.73	139	542193	51.223 ng	98
27) 2,4-Dimethylphenol	9.79	122	985679	49.696 ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1365088	40.797 ng	100
29) 2,4-Dichlorophenol	10.26	162	1014936	46.251 ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1117478	44.287 ng	99
31) Naphthalene	10.67	128	3249587	43.841 ng	100
32) Benzoic acid	9.93	122	545402m	44.149 ng	
33) 4-Chloroaniline	10.78	127	435298	12.619 ng	97
34) Hexachlorobutadiene	10.94	225	658406	43.488 ng	99
35) Caprolactam	11.57	113	270835m	35.527 ng	
36) 4-Chloro-3-methylphenol	11.90	107	1014994	39.782 ng	100
37) 2-Methylnaphthalene	12.28	142	2332137	42.448 ng	99
38) 1-Methylnaphthalene	12.50	142	2206100	42.170 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1199249	49.476 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1567702	108.142	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	748245	47.958	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	778402	48.325	ng	96
46) 1,1'-Biphenyl	13.29	154	2860422	46.305	ng	99
47) 2-Chloronaphthalene	13.33	162	2208837	44.304	ng	99
48) 2-Nitroaniline	13.54	65	605757	38.711	ng	91
49) Acenaphthylene	14.19	152	3406437	43.790	ng	99
50) Dimethylphthalate	13.93	163	2550935	40.368	ng	100
51) 2,6-Dinitrotoluene	14.04	165	552698	43.075	ng	88
52) Acenaphthene	14.53	154	1986116	42.843	ng	100
53) 3-Nitroaniline	14.37	138	313730	21.906	ng	94
54) 2,4-Dinitrophenol	14.58	184	460356	83.089	ng	89
55) Dibenzofuran	14.86	168	3078681	42.759	ng	98
56) 4-Nitrophenol	14.67	139	833702	78.996	ng	94
57) 2,4-Dinitrotoluene	14.83	165	709853	41.318	ng	96
58) Fluorene	15.51	166	2430569	41.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	640818	45.656	ng	98
60) Diethylphthalate	15.29	149	2476170	37.994	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1289009	41.116	ng	97
62) 4-Nitroaniline	15.54	138	501744	33.033	ng	95
63) Azobenzene	15.80	77	2374807	38.008	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	272362	44.565	ng	96
66) n-Nitrosodiphenylamine	15.72	169	2066540	47.228	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	741376	46.066	ng	97
68) Hexachlorobenzene	16.50	284	837460	44.563	ng	98
69) Atrazine	16.67	200	636553	48.742	ng	100
70) Pentachlorophenol	16.85	266	922959	102.948	ng	98
71) Phenanthrene	17.25	178	3338978	43.095	ng	100
72) Anthracene	17.34	178	3412367	44.004	ng	99
73) Carbazole	17.61	167	2851878	40.526	ng	99
74) Di-n-butylphthalate	18.17	149	3661188	40.078	ng	100
75) Fluoranthene	19.26	202	3379521	39.222	ng	100
77) Benzidine	19.45	184	1397556	45.763	ng	99
78) Pyrene	19.62	202	3365668	43.517	ng	99
80) Butylbenzylphthalate	20.53	149	1361625	41.660	ng	94
81) Benzo(a)anthracene	21.36	228	2950355	42.037	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	873005	33.967	ng	98
83) Chrysene	21.42	228	2885652	43.253	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1956424	41.185	ng	100
85) Di-n-octyl phthalate	22.19	149	3132008	41.529	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3797939	55.645	ng	99
88) Benzo(b)fluoranthene	22.98	252	3134684	42.750	ng	99
89) Benzo(k)fluoranthene	23.02	252	2937116	40.988	ng	100
90) Benzo(a)pyrene	23.57	252	3015218	45.335	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3209959	49.747	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3089989	51.556	ng	99

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

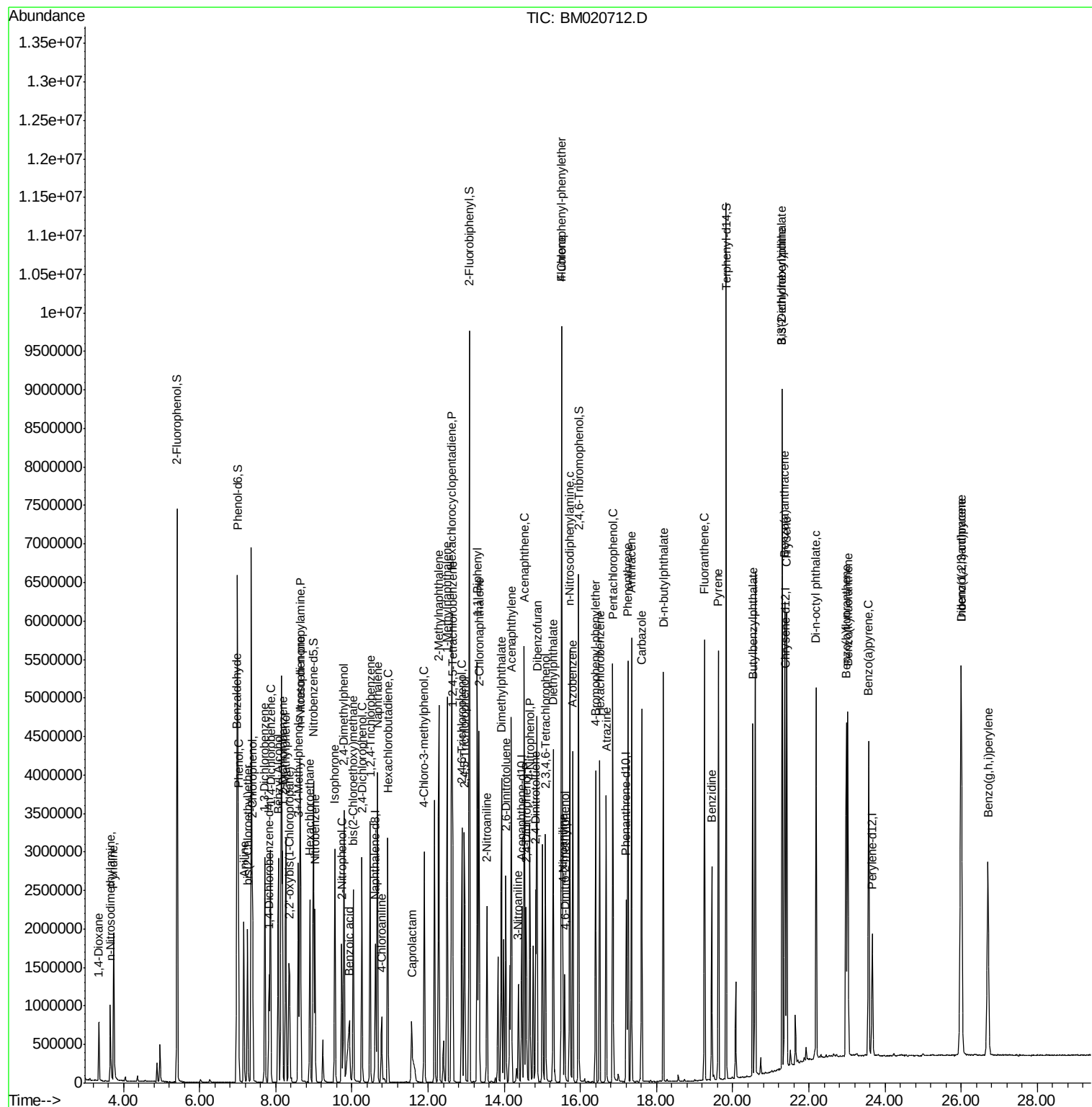
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
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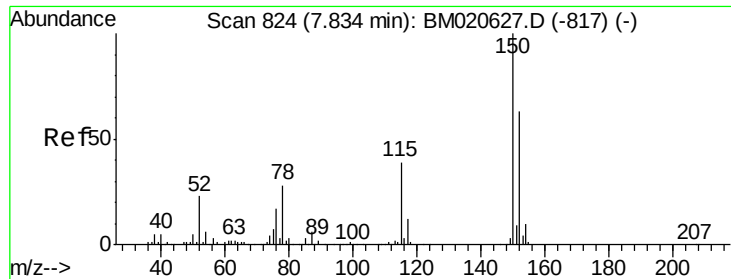
Instrument :
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#1

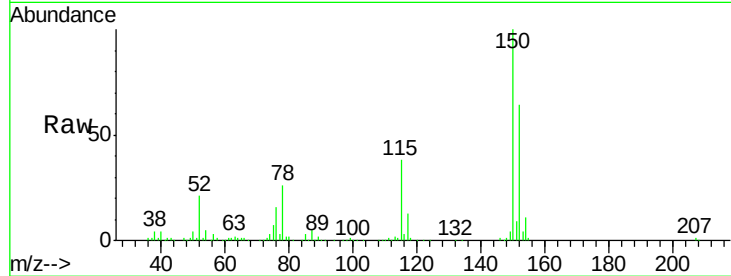
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

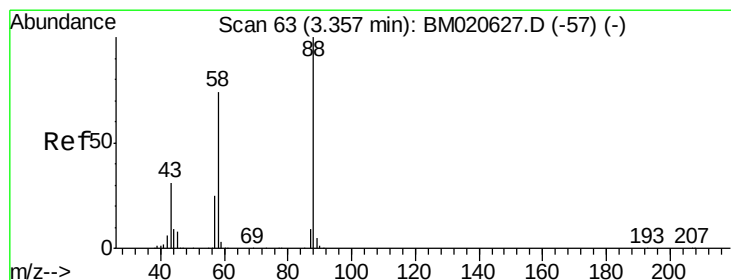
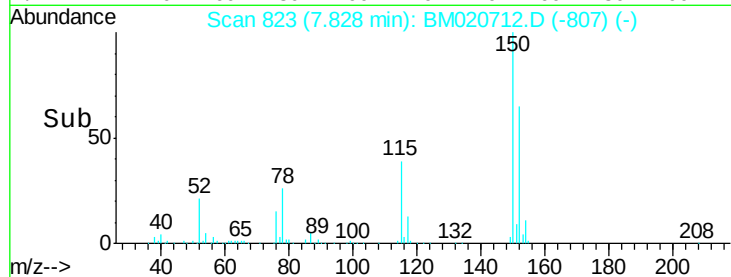
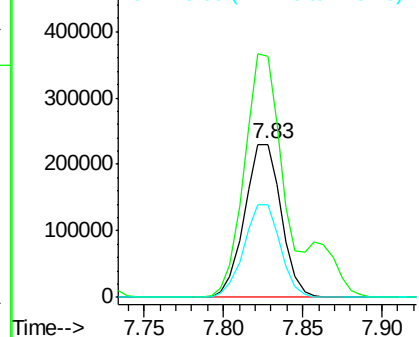
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.0	189.0
115	60.3	49.6	74.4

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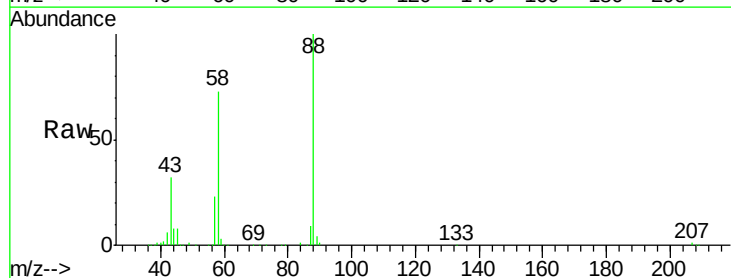
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



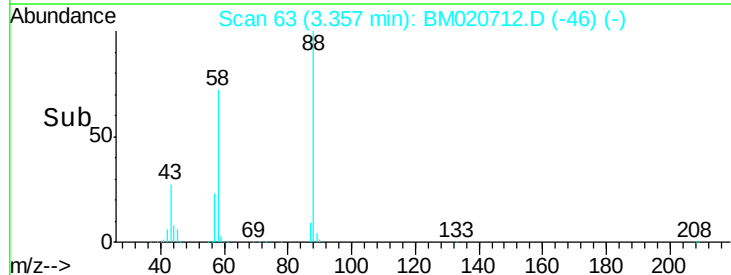
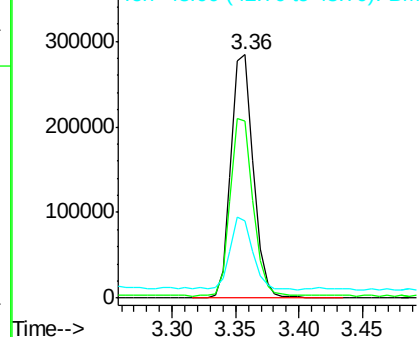
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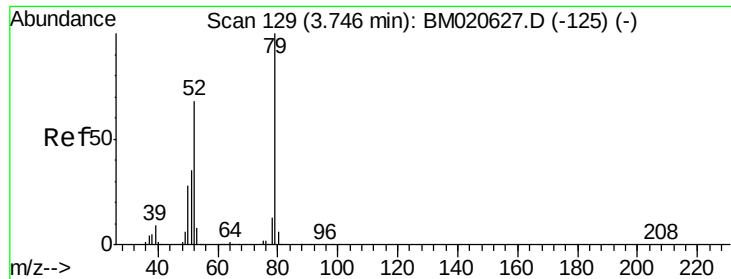
1,4-Dioxane
Concen: 40.518 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	60.2	90.4
43	29.4	25.3	37.9



Abundance Ion 88.00 (87.70 to 88.70): BMC
Ion 58.00 (57.70 to 58.70): BMC
Ion 43.00 (42.70 to 43.70): BMC





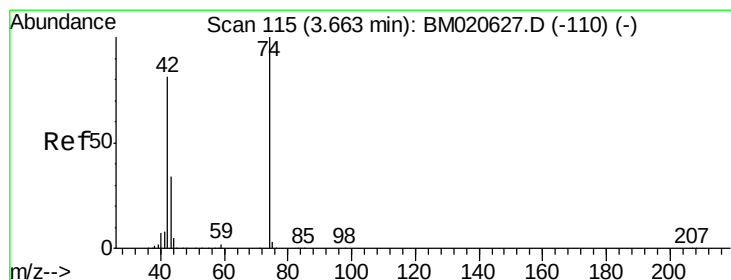
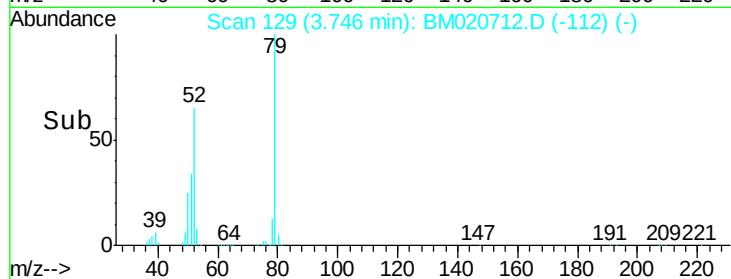
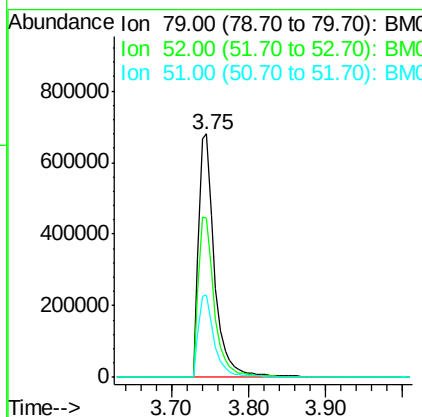
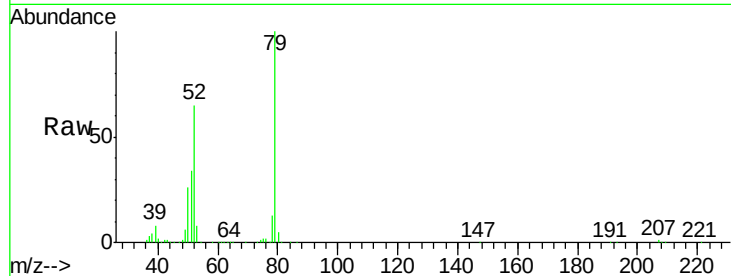
#3
 Pyridine
 Concen: 36.039 ng
 RT: 3.75 min Scan# 129
 Delta R.T. -0.00 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.3	54.1	81.1
51	33.8	28.6	42.8

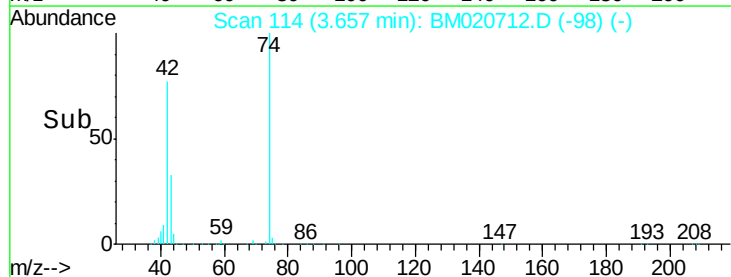
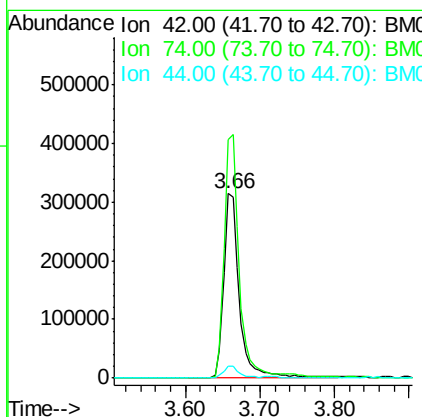
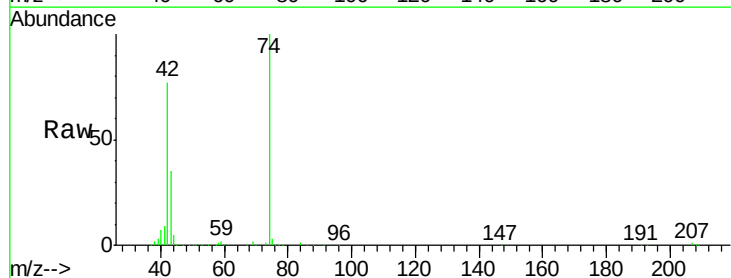
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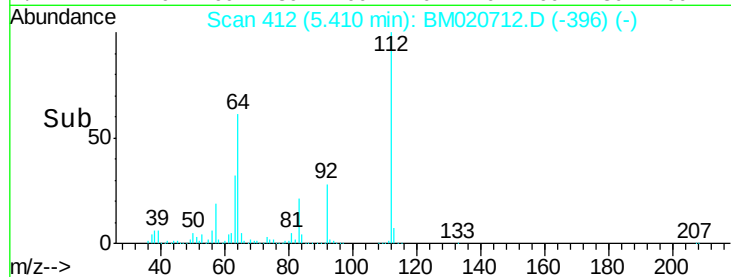
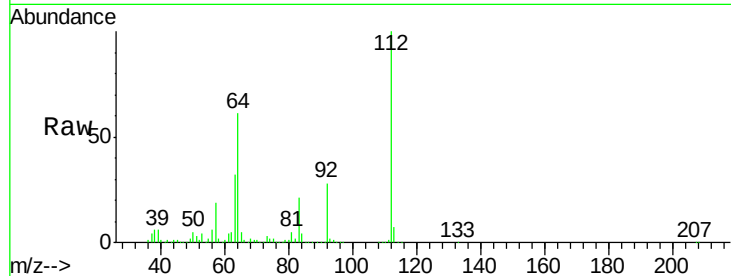
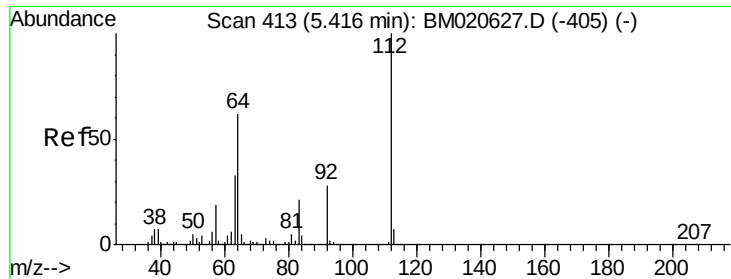
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#4
 n-Nitrosodimethylamine
 Concen: 38.744 ng
 RT: 3.66 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.7	99.4	149.0
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 138.800 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion:	112	Resp:	2913673
Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.7	74.5
63	32.4	26.4	39.6

Instrument :

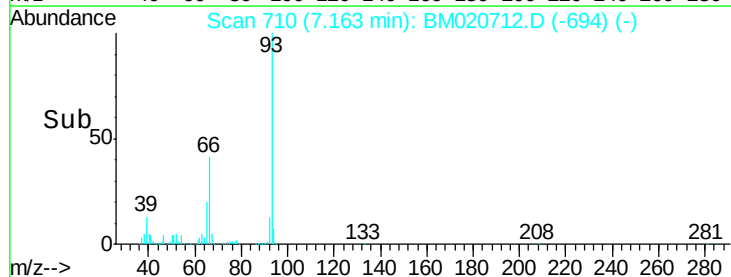
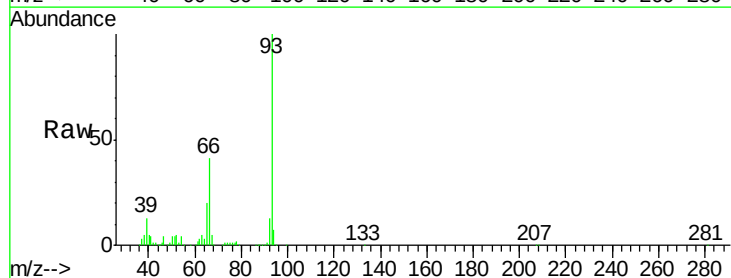
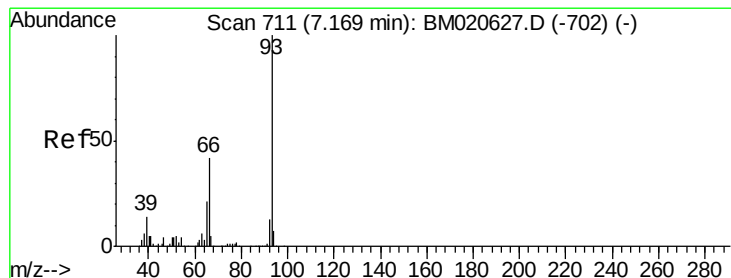
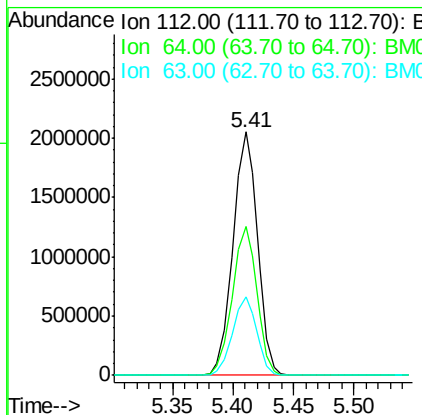
BNA_M

ClientSampleId :

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#6

Aniline

Concen: 29.755 ng

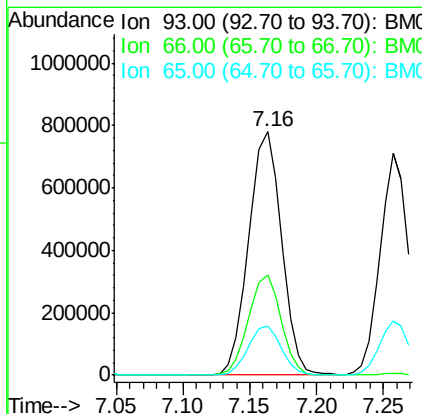
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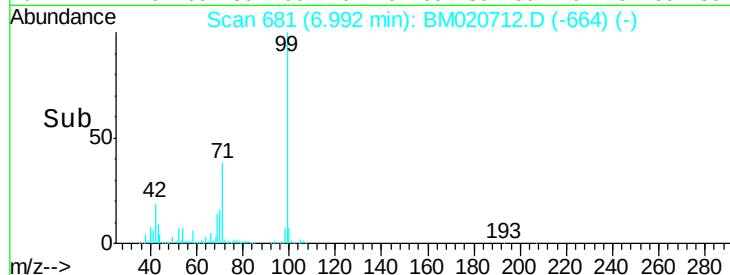
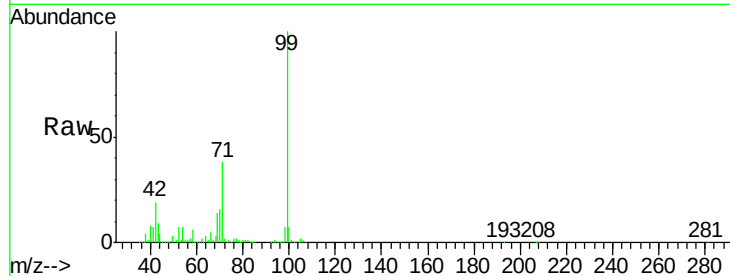
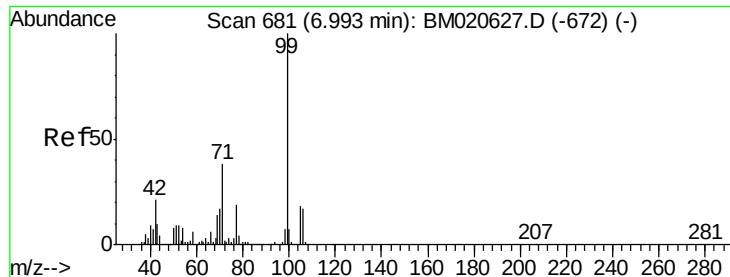
Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion:	93	Resp:	1330771
Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.6	50.4
65	20.2	16.7	25.1





#7

Phenol-d6

Concen: 122.613 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion: 99 Resp: 3789928

Ion Ratio Lower Upper

99 100

42 18.9 16.5 24.7

71 37.7 30.7 46.1

Instrument :

BNA_M

ClientSampleId :

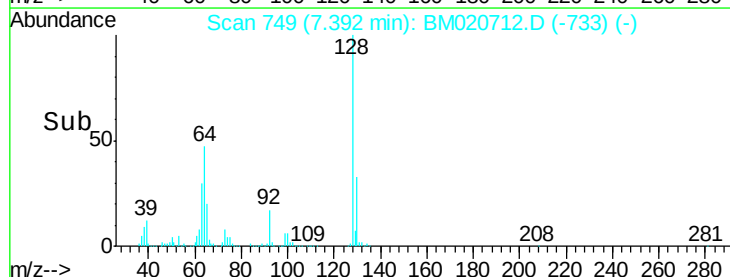
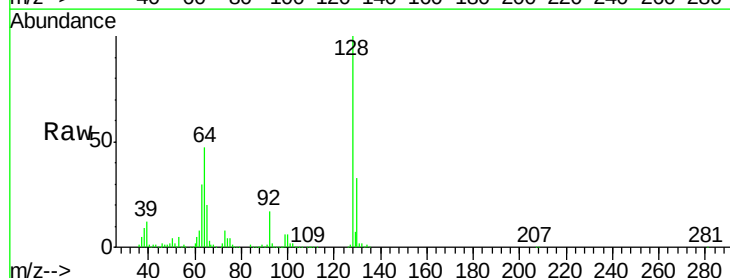
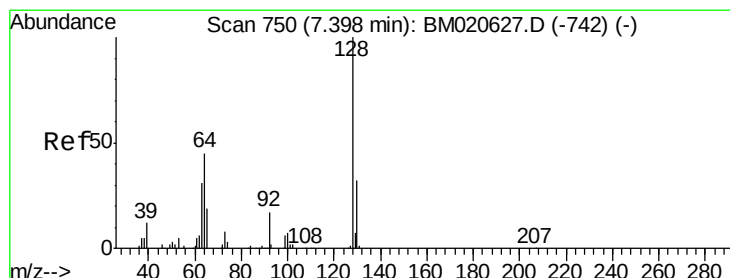
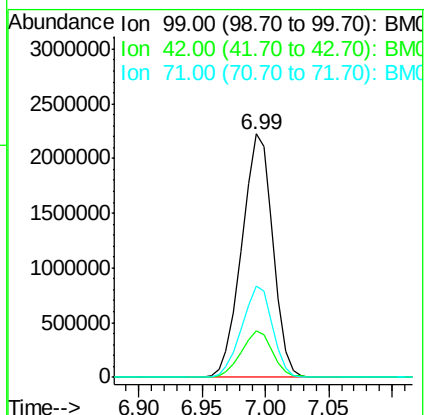
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#8

2-Chlorophenol

Concen: 43.540 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

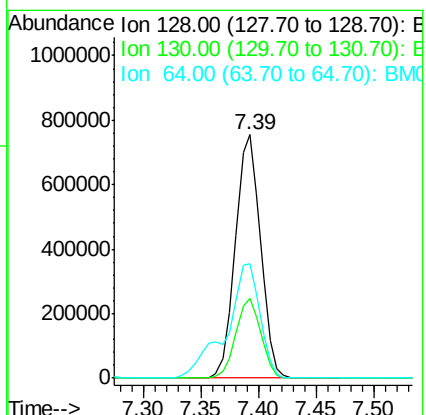
Tgt Ion: 128 Resp: 1137038

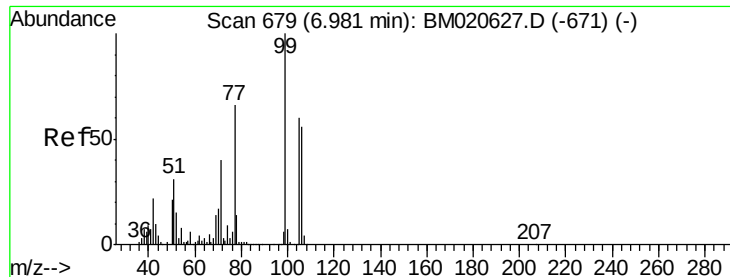
Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

64 46.9 29.1 69.1





#9

Benzaldehyde

Concen: 15.573 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

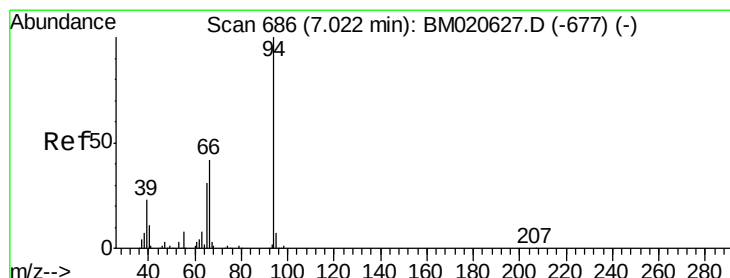
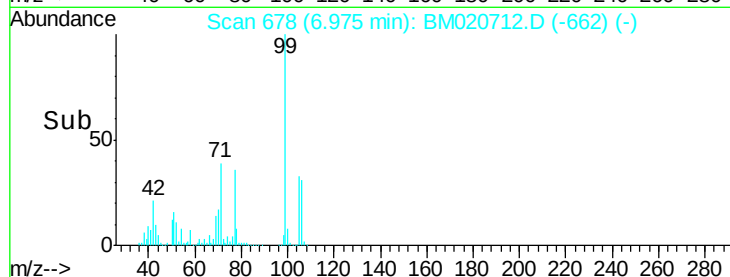
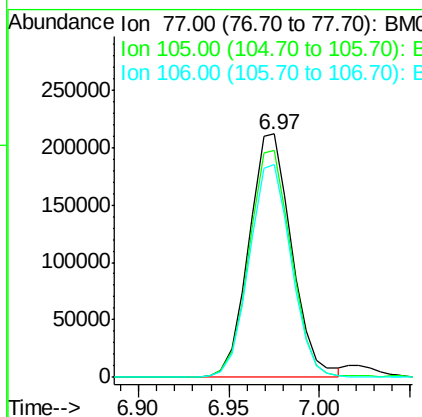
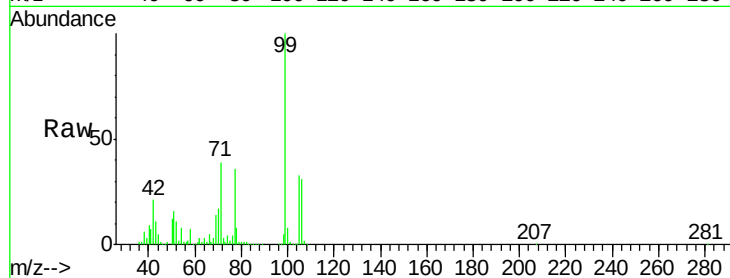
ClientSampleId :

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Tgt Ion:	77	Resp:	346241
Ion	Ratio	Lower	Upper
77	100		
105	93.4	70.6	110.6
106	87.6	64.9	104.9

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#10

Phenol

Concen: 41.413 ng

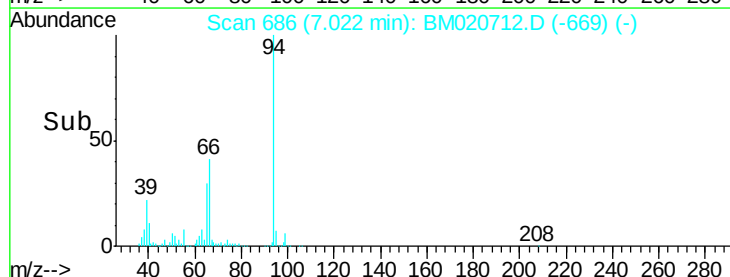
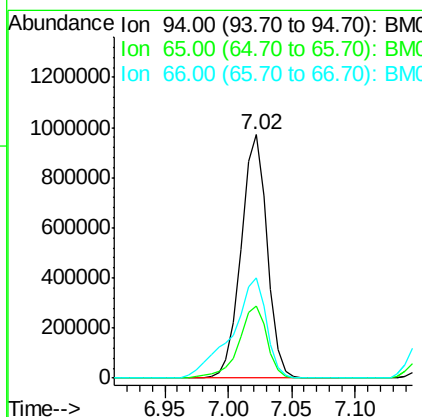
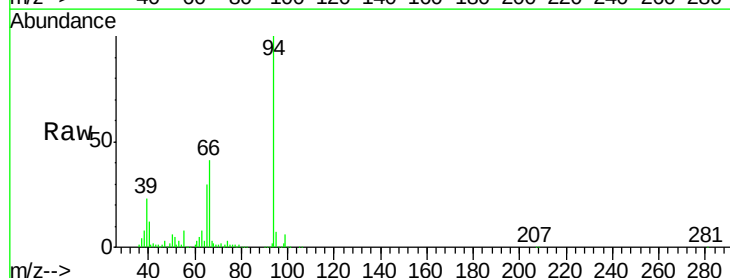
RT: 7.02 min Scan# 686

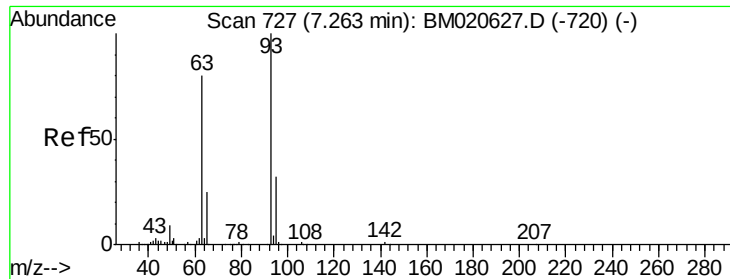
Delta R.T. -0.00 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion:	94	Resp:	1379483
Ion	Ratio	Lower	Upper
94	100		
65	29.6	10.7	50.7
66	41.0	22.3	62.3





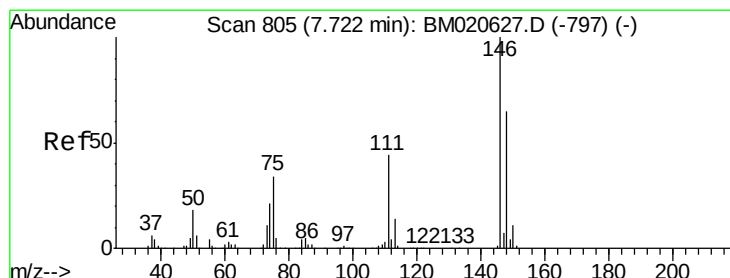
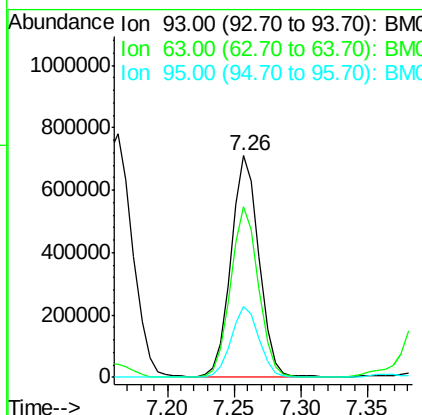
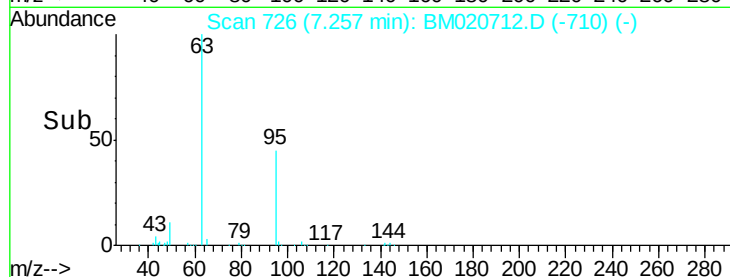
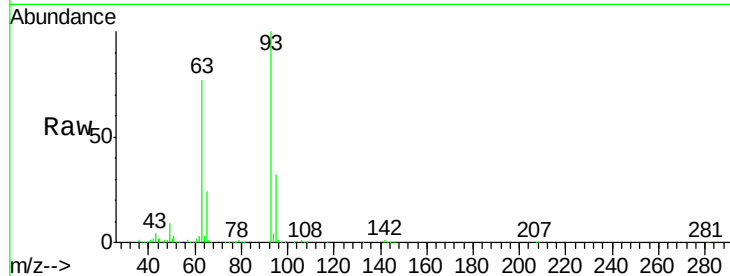
#11
bis(2-Chloroethyl)ether
Concen: 38.756 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion: 93 Resp: 1028823
Ion Ratio Lower Upper
93 100
63 77.1 60.0 100.0
95 32.1 12.2 52.2

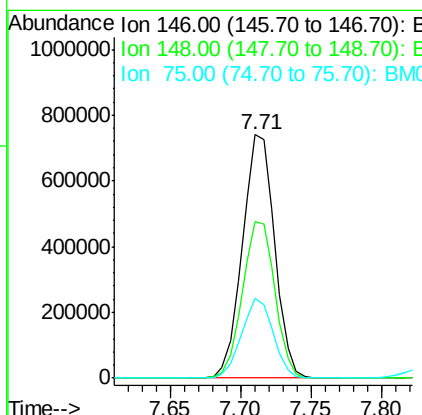
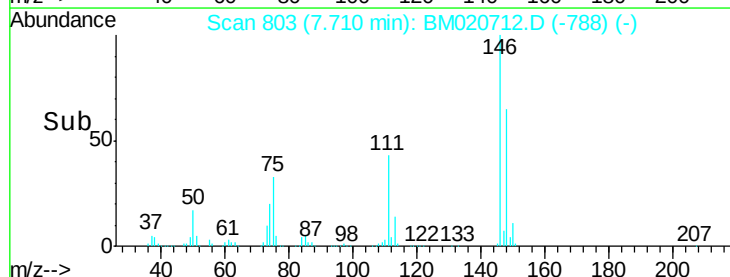
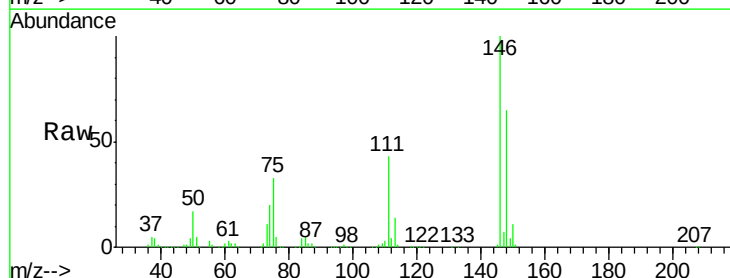
Manual Integrations
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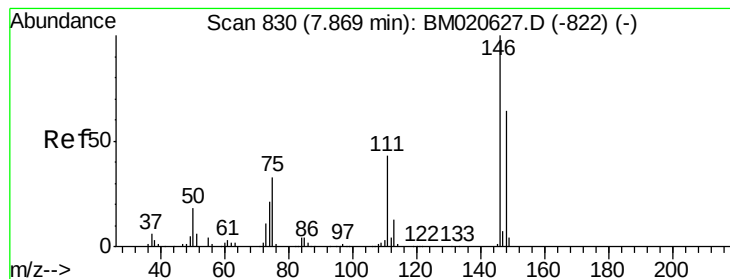
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.343 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion: 146 Resp: 1180819
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
75 32.7 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 39.757 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion:146 Resp: 1213057

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

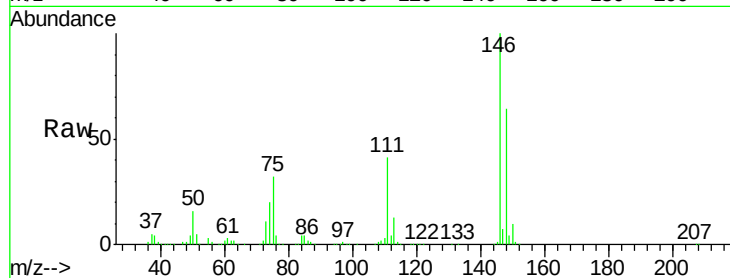
111 40.8 34.4 51.6

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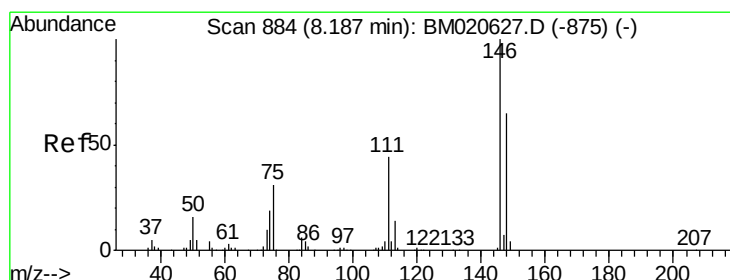
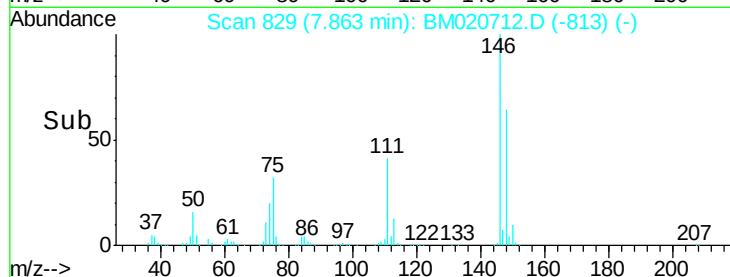
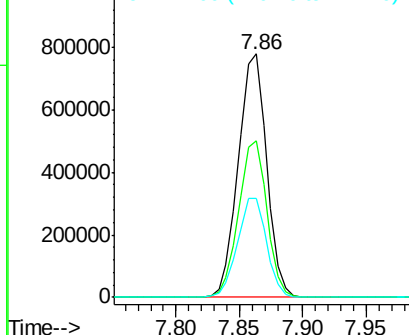
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.770 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

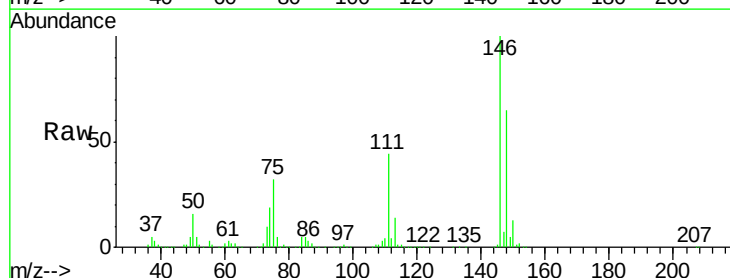
Tgt Ion:146 Resp: 1151189

Ion Ratio Lower Upper

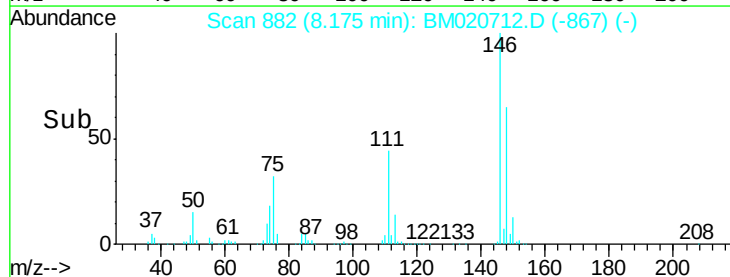
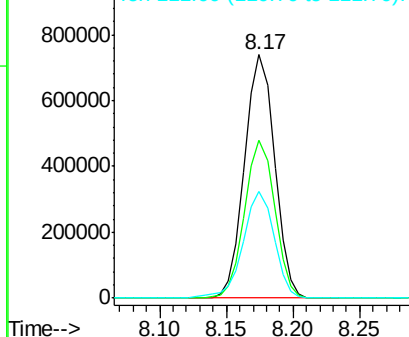
146 100

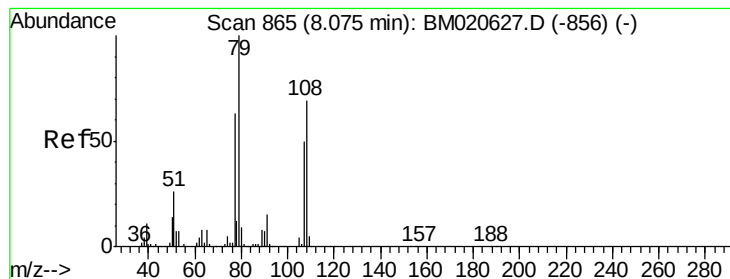
148 65.1 51.8 77.8

111 43.6 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.154 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion: 79 Resp: 1015975

Ion Ratio Lower Upper

79 100

108 72.4 54.9 82.3

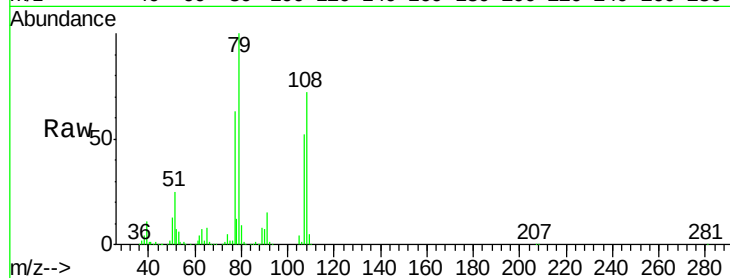
77 63.1 50.2 75.4

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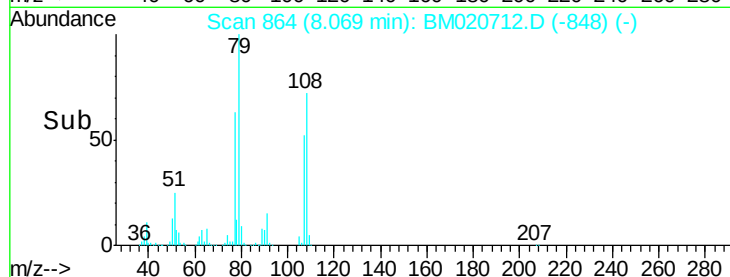


Abundance Ion 79.00 (78.70 to 79.70): BM020712.D (-848) (-)

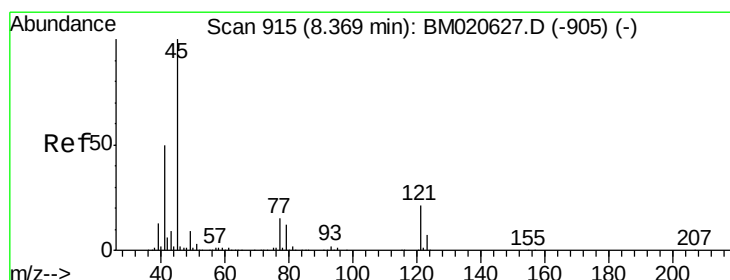
Ion 108.00 (107.70 to 108.70): BM020712.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM020712.D (-848) (-)

Time-->



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.043 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

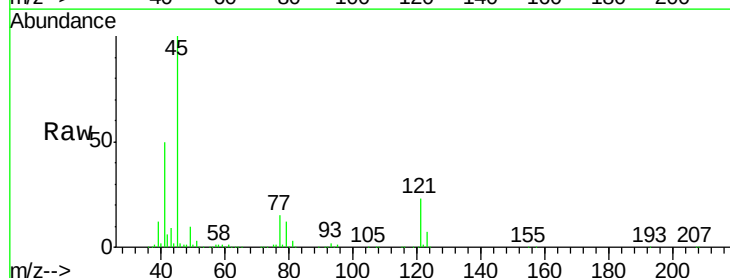
Tgt Ion: 45 Resp: 1436234

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.9

79 12.0 0.0 31.8

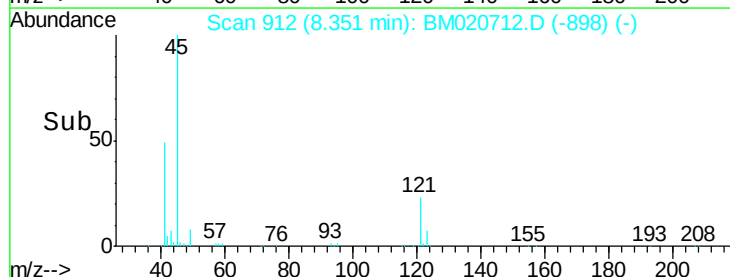


Abundance Ion 45.00 (44.70 to 45.70): BM020712.D (-898) (-)

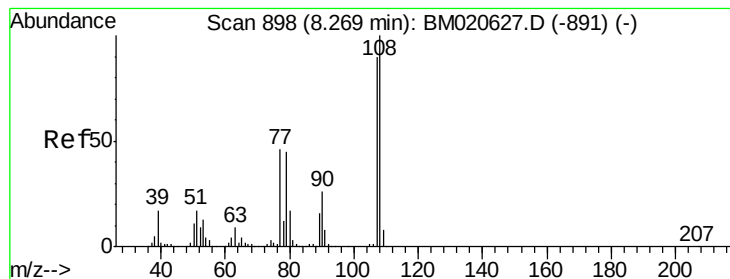
Ion 77.00 (76.70 to 77.70): BM020712.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020712.D (-898) (-)

Time-->



Time-->



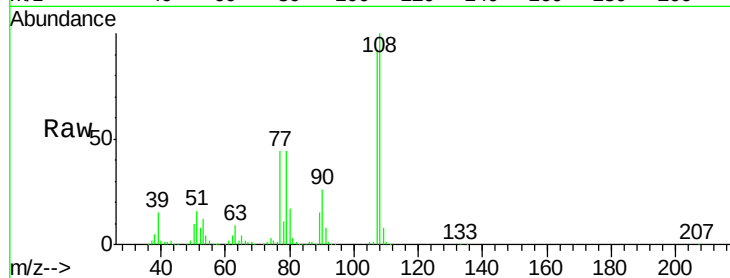
#17
2-Methylphenol
Concen: 39.603 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	109.2	88.6	133.0
77	47.9	40.6	61.0
79	47.6	39.9	59.9

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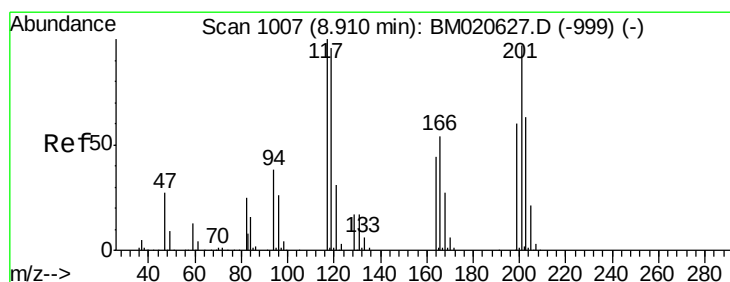
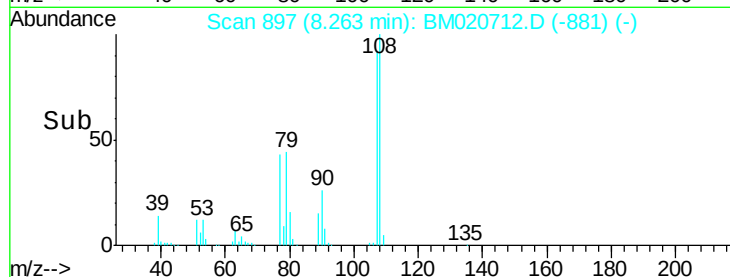
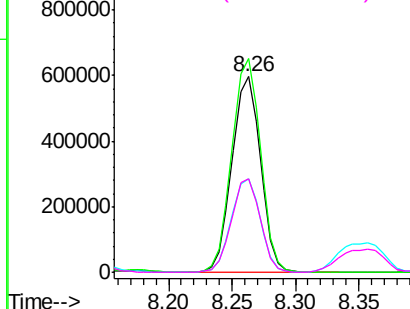
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 37.918 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

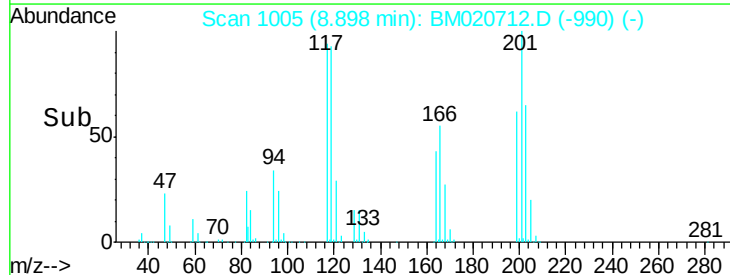
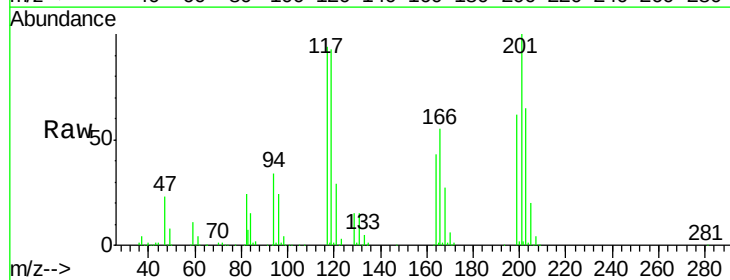
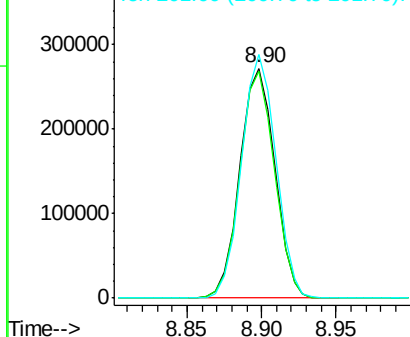
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.6	76.7	115.1
201	105.9	77.9	116.9

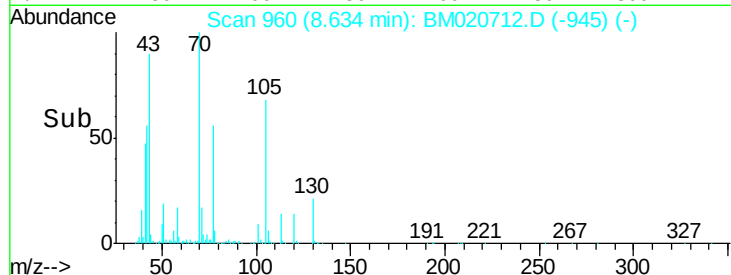
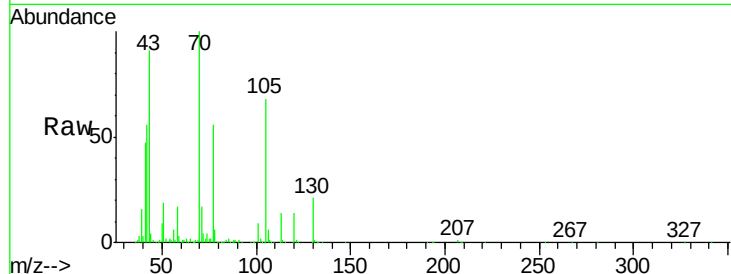
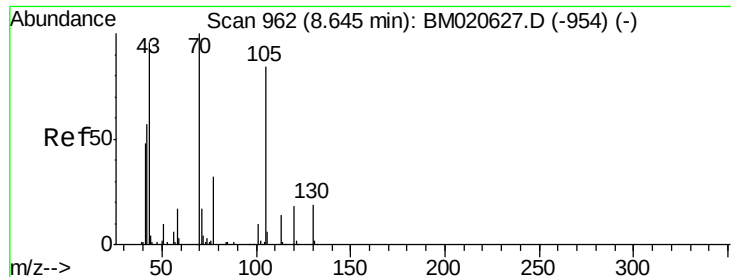
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





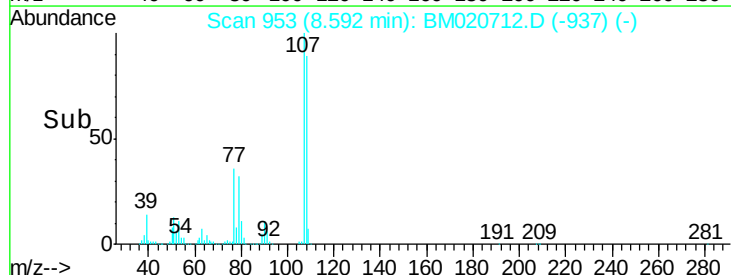
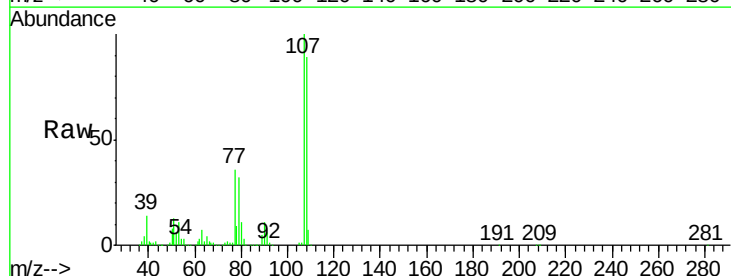
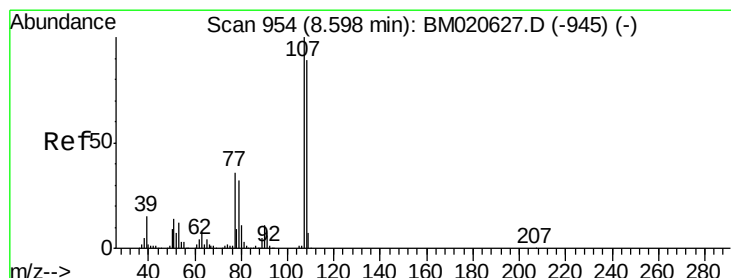
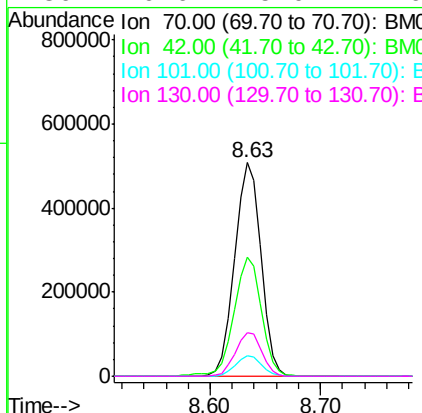
#19
n-Nitroso-di-n-propylamine
Concen: 34.233 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

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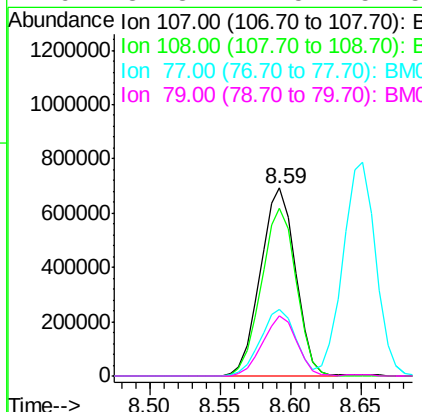
mohammad
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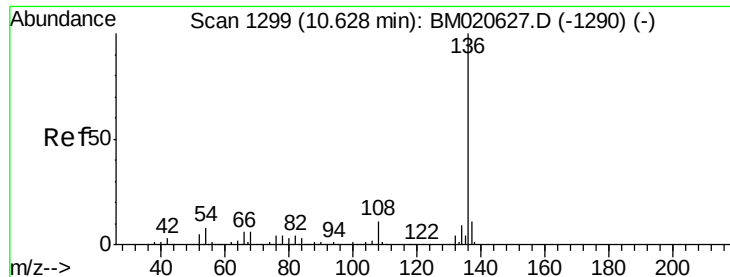
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.8	70.2
101	9.4	7.8	11.6
130	20.6	15.0	22.6



#20
3+4-Methylphenols
Concen: 38.017 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.2	109.2
77	35.7	16.2	56.2
79	32.3	12.5	52.5





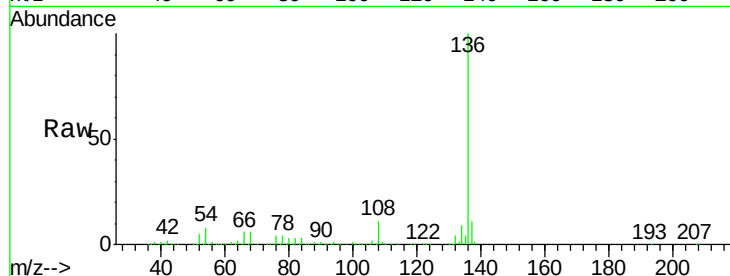
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

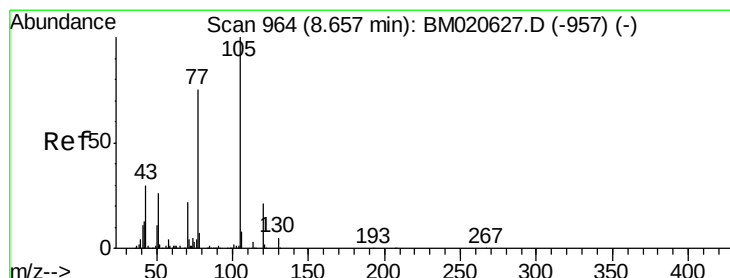
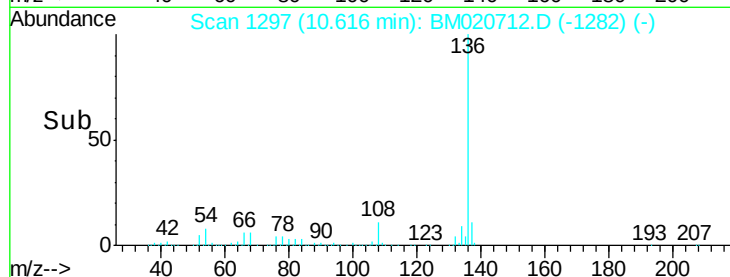
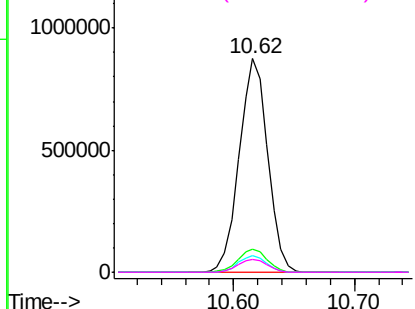
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.6	10.0
68	5.9	5.1	7.7

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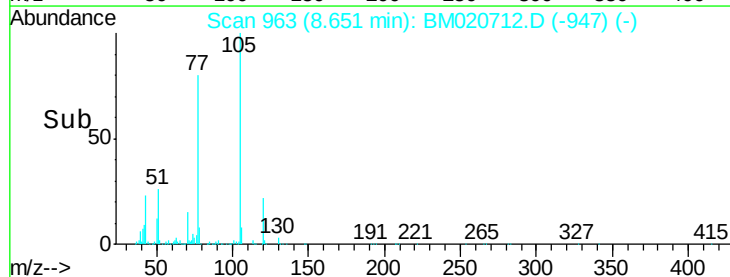
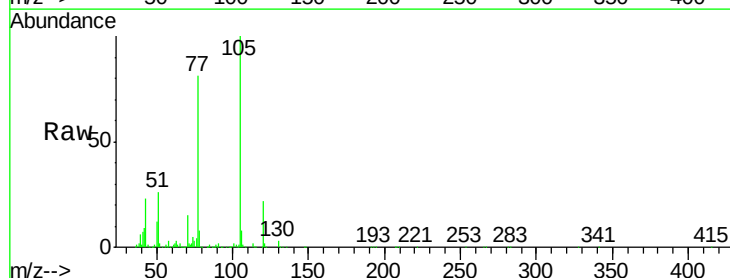
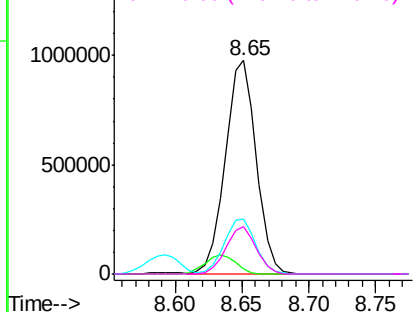
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

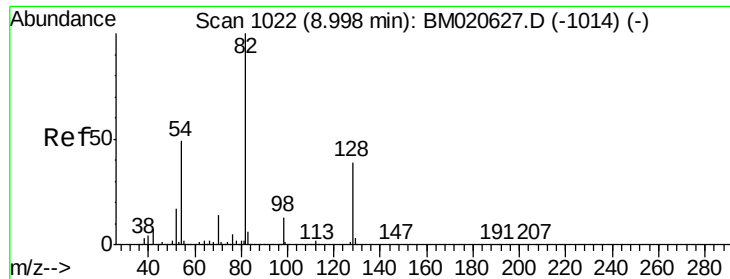


#22
Acetophenone
Concen: 42.985 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.2	4.8#
51	25.7	22.8	34.2
120	22.0	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





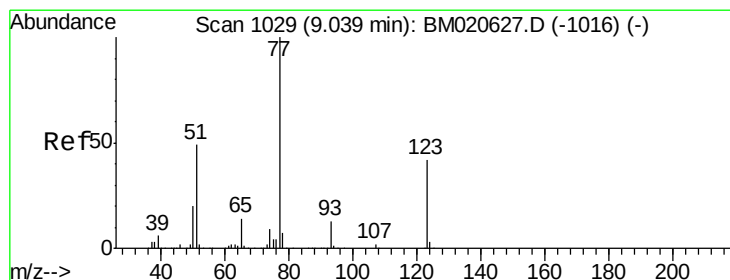
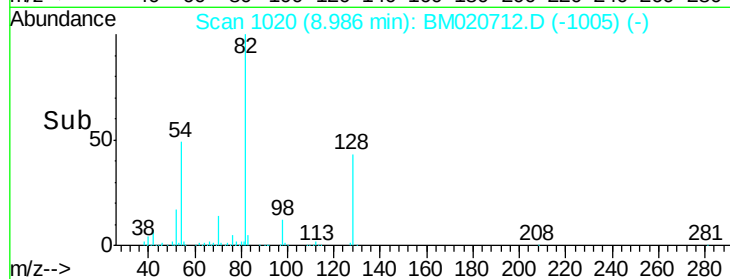
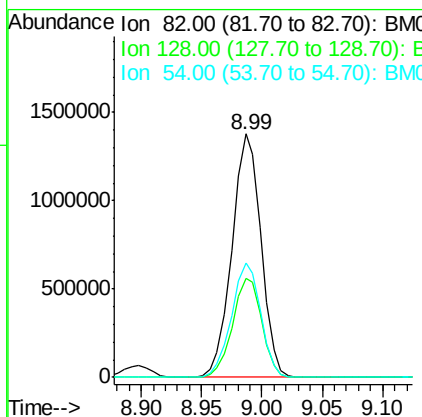
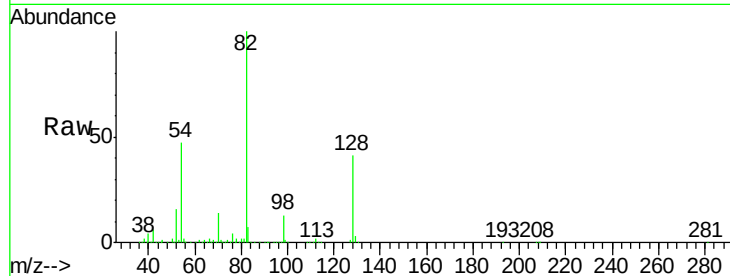
#23
 Nitrobenzene-d5
 Concen: 83.031 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.5	47.3
54	46.9	39.4	59.0

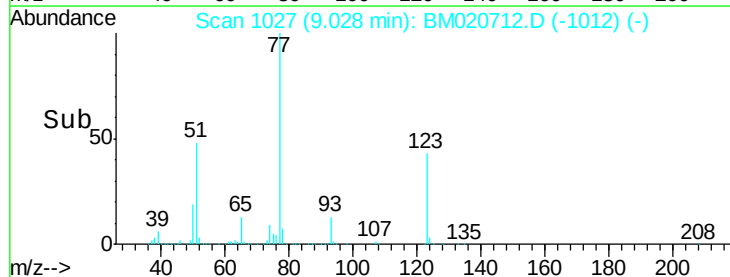
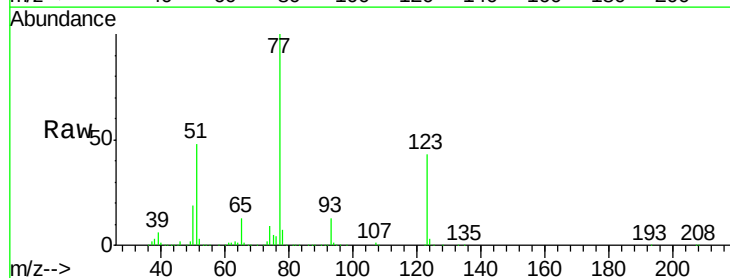
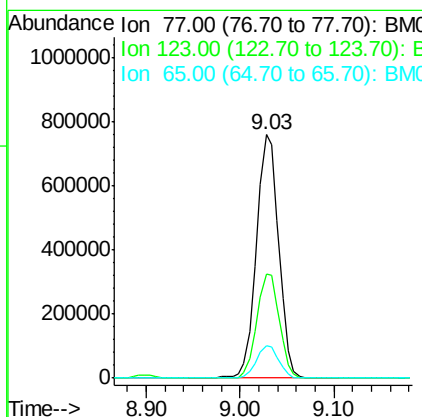
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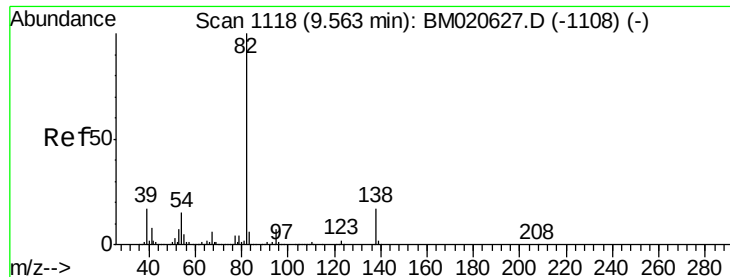
mohammad
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#24
 Nitrobenzene
 Concen: 43.627 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	33.7	50.5
65	13.3	11.0	16.6





#25

Isophorone

Concen: 39.700 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion: 82 Resp: 2197009

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

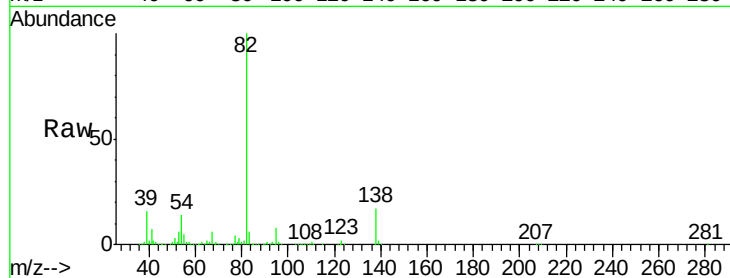
138 17.2 13.8 20.8

Manual Integrations

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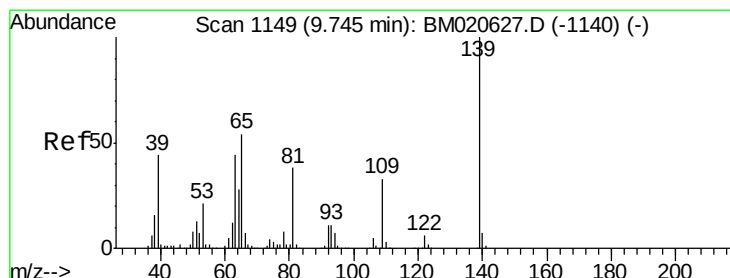
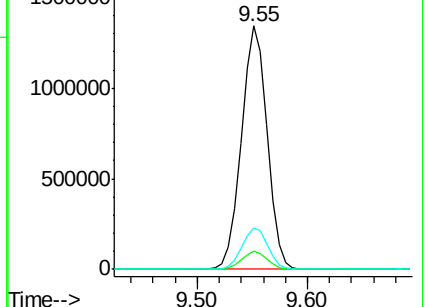
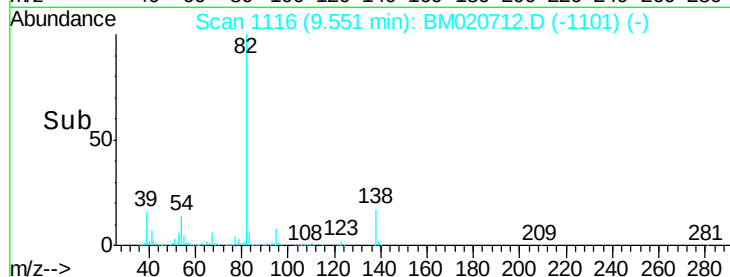
6/5/2019 3:41:38 PM



Abundance Ion 82.00 (81.70 to 82.70): BM020712.D (-1101) (-)

Ion 95.00 (94.70 to 95.70): BM020712.D (-1101) (-)

Ion 138.00 (137.70 to 138.70): BM020712.D (-1101) (-)



#26

2-Nitrophenol

Concen: 51.223 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

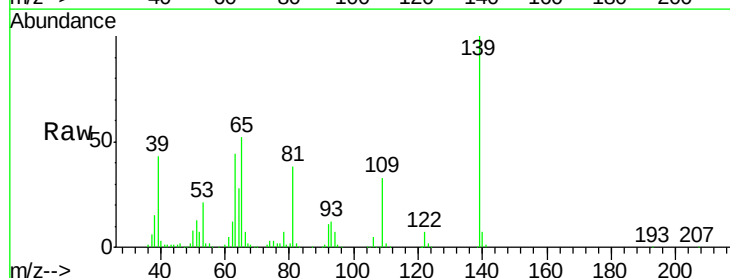
Tgt Ion: 139 Resp: 542193

Ion Ratio Lower Upper

139 100

109 33.4 26.1 39.1

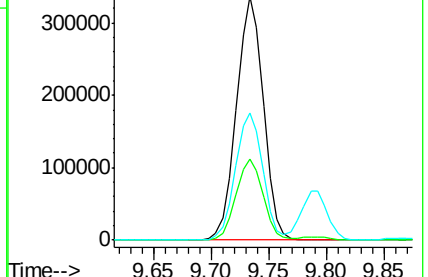
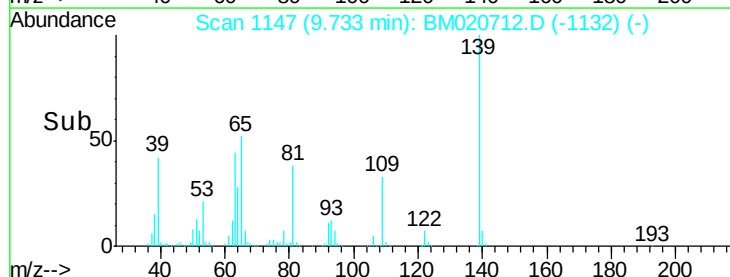
65 52.3 43.4 65.0

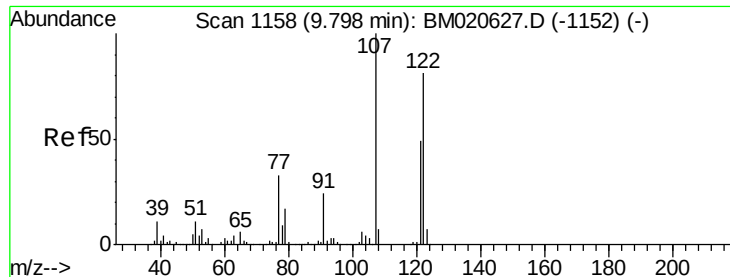


Abundance Ion 139.00 (138.70 to 139.70): BM020712.D (-1132) (-)

Ion 109.00 (108.70 to 109.70): BM020712.D (-1132) (-)

Ion 65.00 (64.70 to 65.70): BM020712.D (-1132) (-)





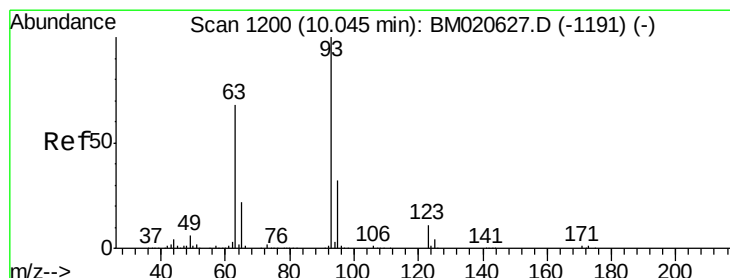
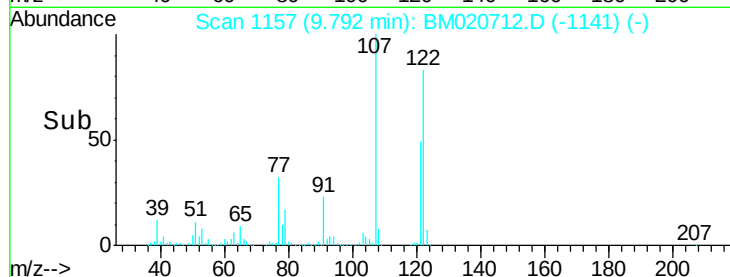
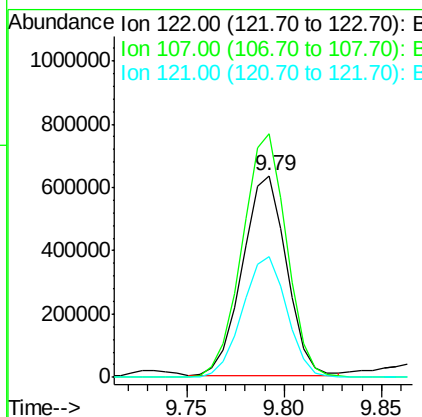
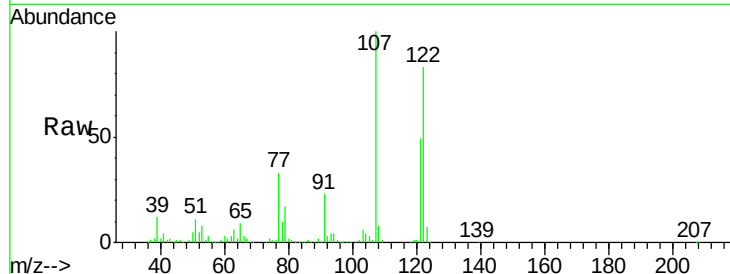
#27
2,4-Dimethylphenol
Concen: 49.696 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	985679		
107	120.7	98.0	147.0	
121	59.7	48.2	72.4	

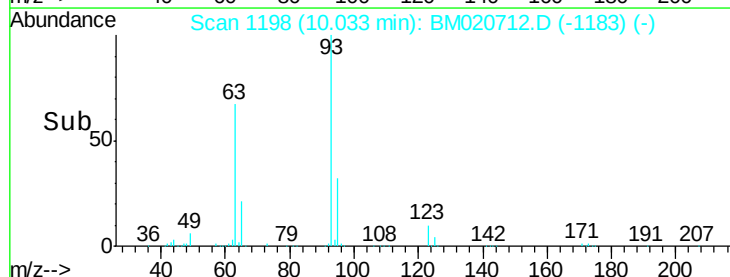
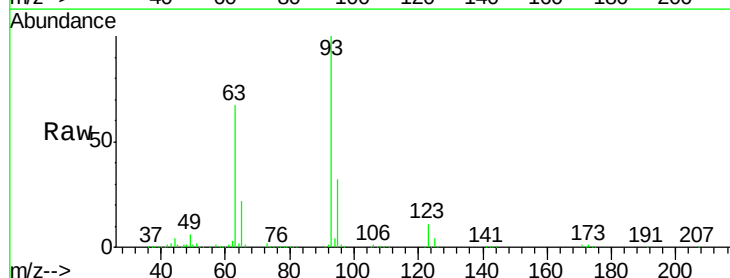
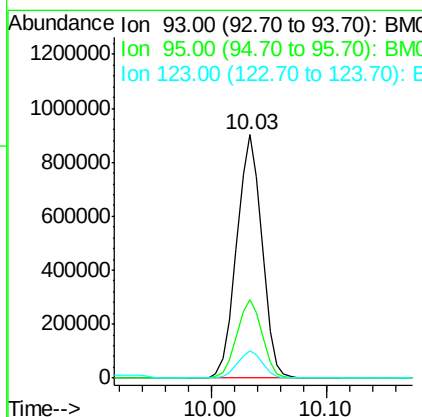
Manual Integrations
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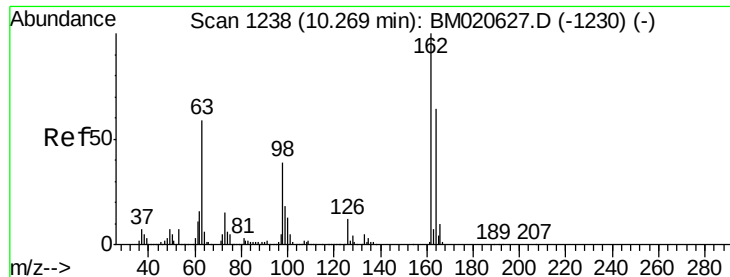
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.797 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1365088		
95	32.5	25.8	38.6	
123	11.2	9.0	13.6	





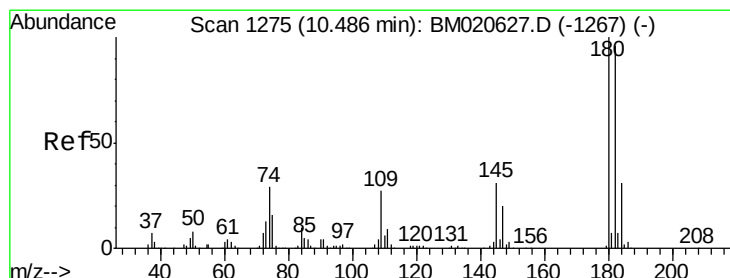
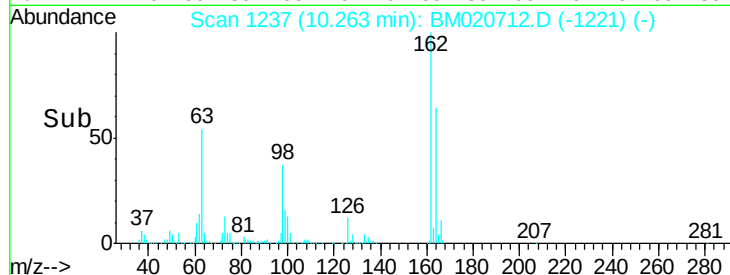
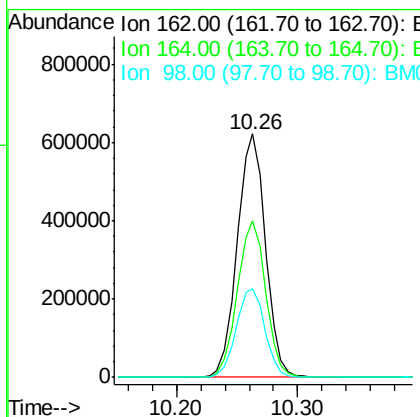
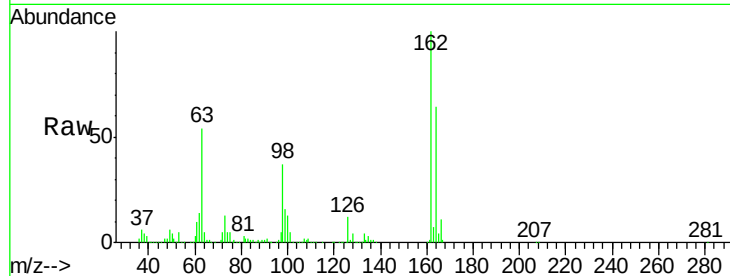
#29
 2,4-Dichlorophenol
 Concen: 46.251 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.8	83.8
98	36.6	19.1	59.1

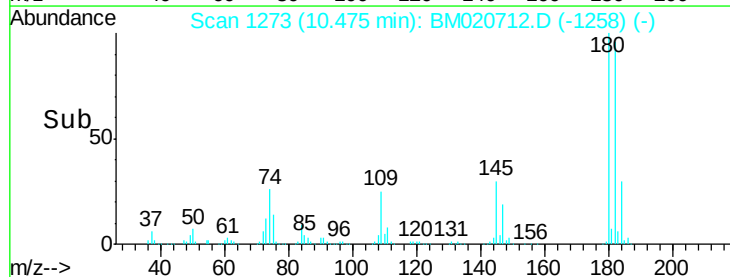
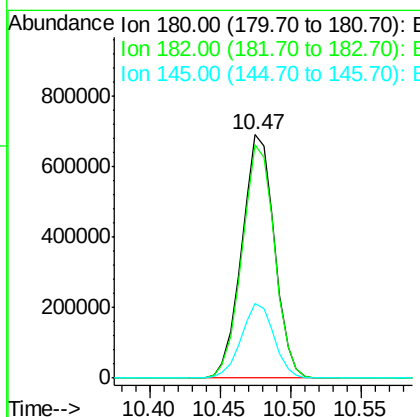
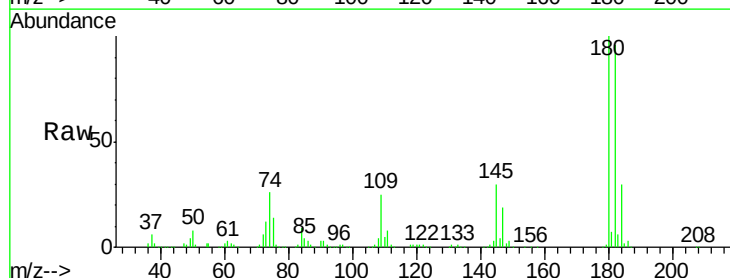
Manual Integrations
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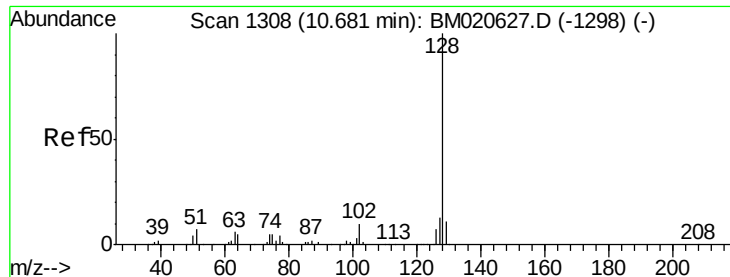
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.287 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.6
145	30.5	25.0	37.4





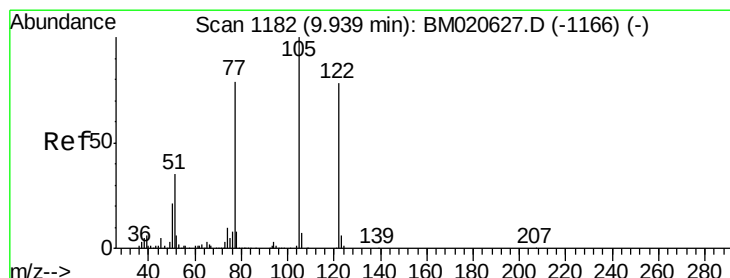
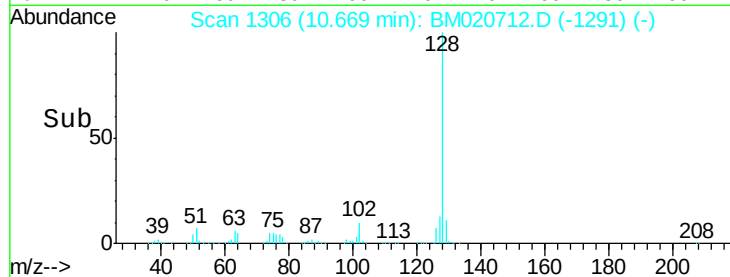
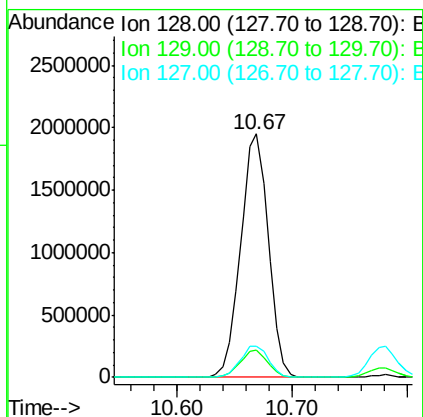
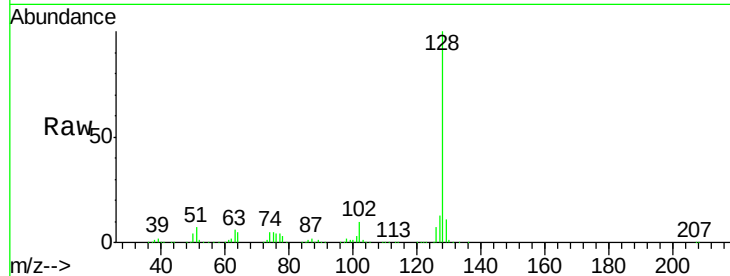
#31
Naphthalene
Concen: 43.841 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:128 Resp: 3249587
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.3 15.5

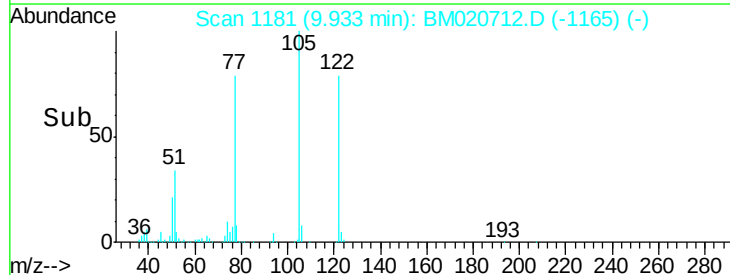
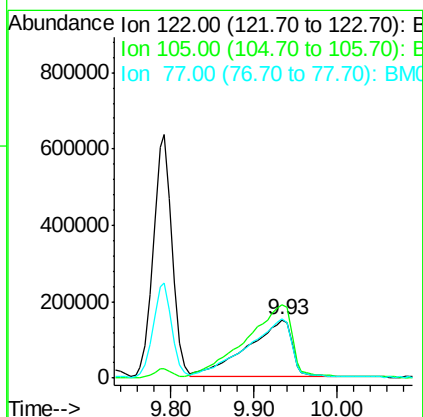
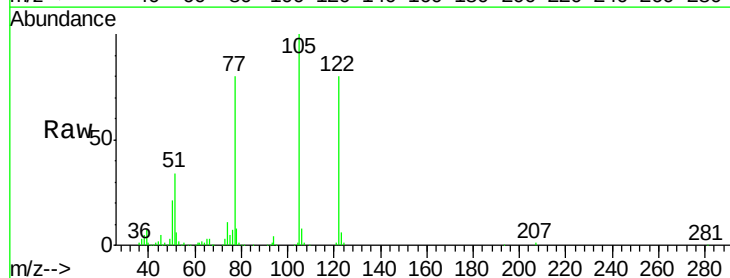
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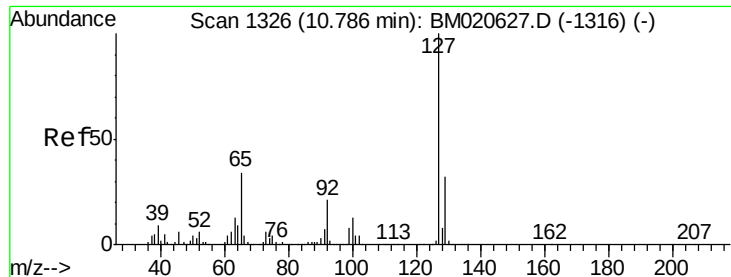
mohammad
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#32
Benzoic acid
Concen: 44.149 ng m
RT: 9.93 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:122 Resp: 545402
Ion Ratio Lower Upper
122 100
105 125.7 107.0 147.0
77 100.8 80.9 120.9





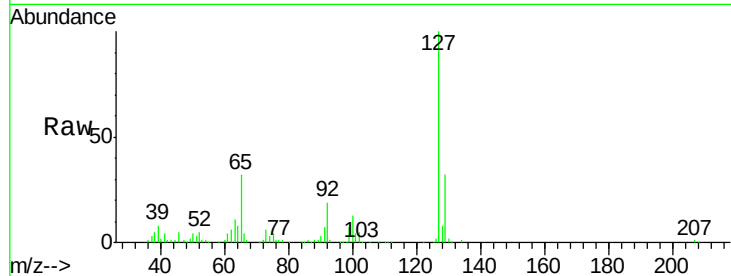
#33
4-Chloroaniline
Concen: 12.619 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

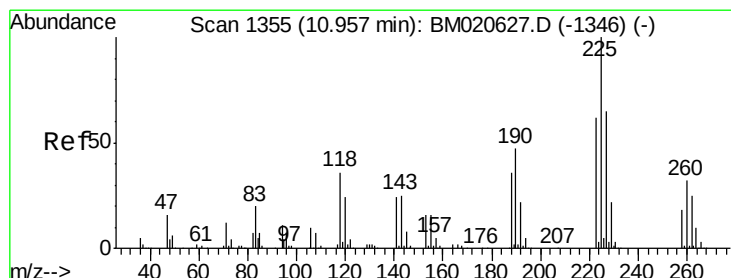
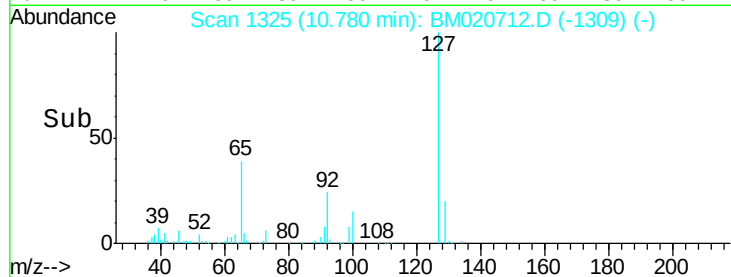
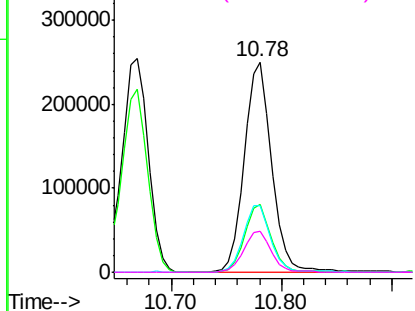
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	435298		
129	32.1	25.7	38.5	
65	31.8	27.4	41.0	
92	19.5	17.0	25.6	

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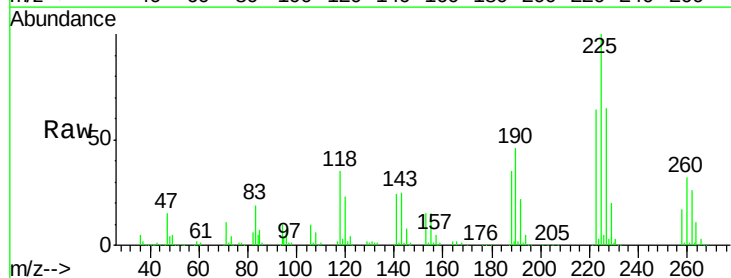


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

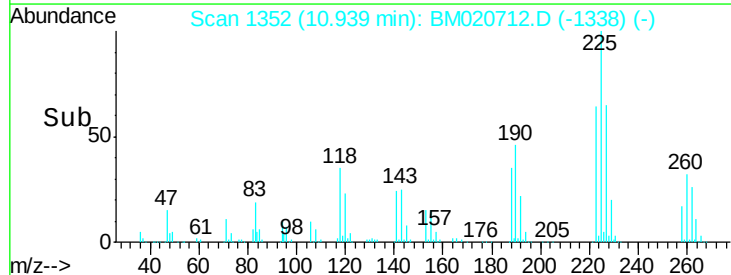
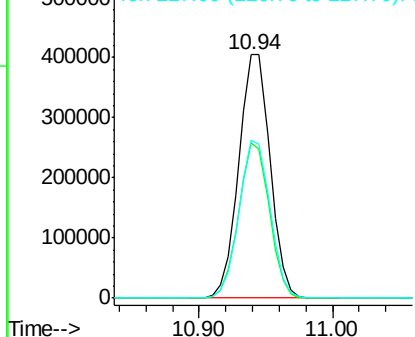


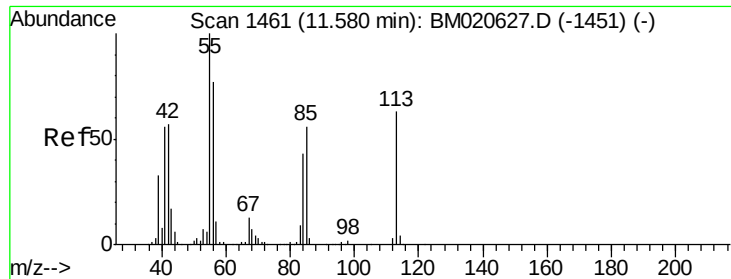
#34
Hexachlorobutadiene
Concen: 43.488 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	658406		
223	63.5	49.7	74.5	
227	64.7	51.8	77.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.527 ng m

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion:113 Resp: 270835

Ion Ratio Lower Upper

113 100

55 154.3 138.6 178.6

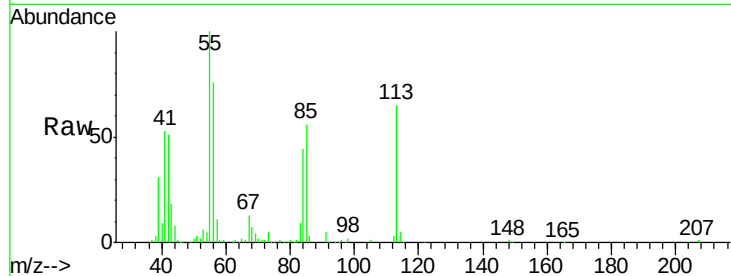
56 117.3 102.3 142.3

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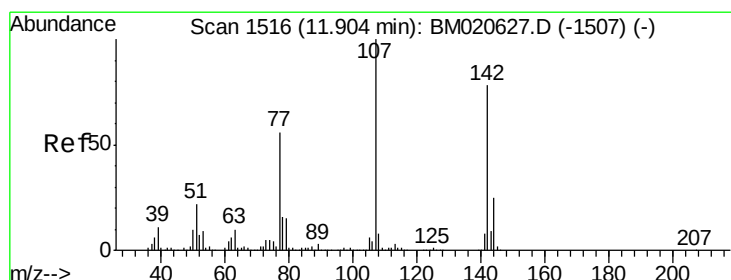
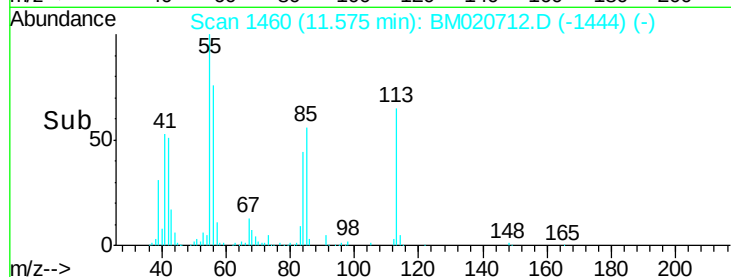
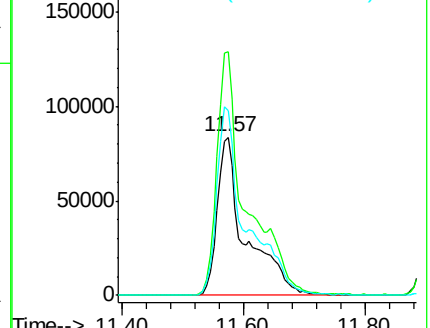
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.782 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

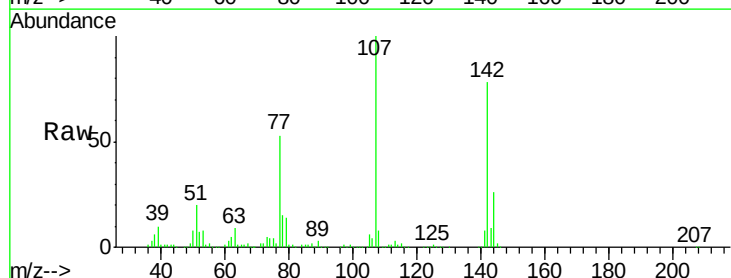
Tgt Ion:107 Resp: 1014994

Ion Ratio Lower Upper

107 100

144 25.6 20.3 30.5

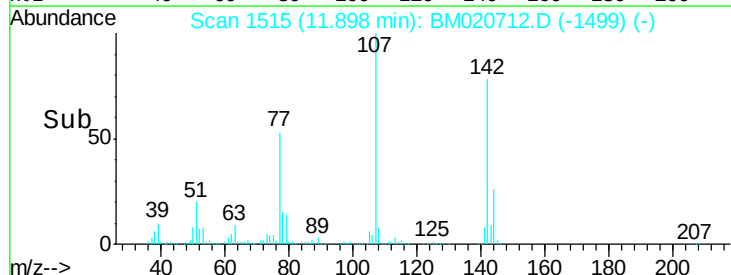
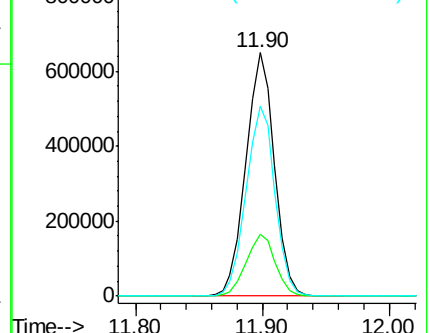
142 77.9 62.6 93.8

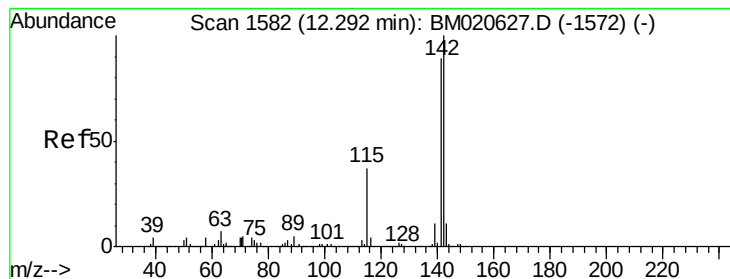


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





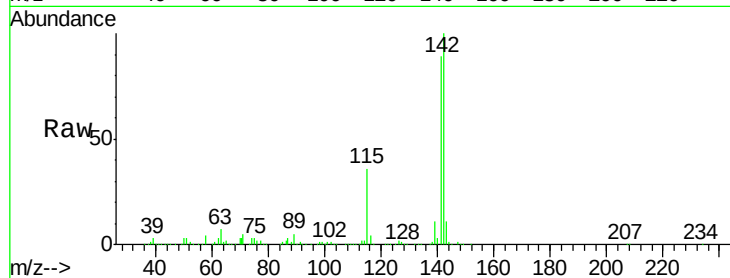
#37
2-Methylnaphthalene
Concen: 42.448 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

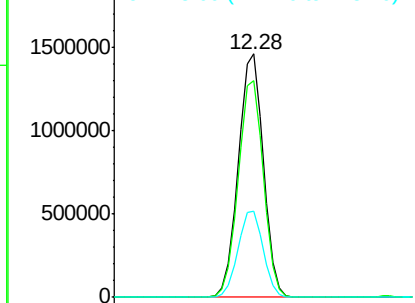
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	35.6	29.6	44.4

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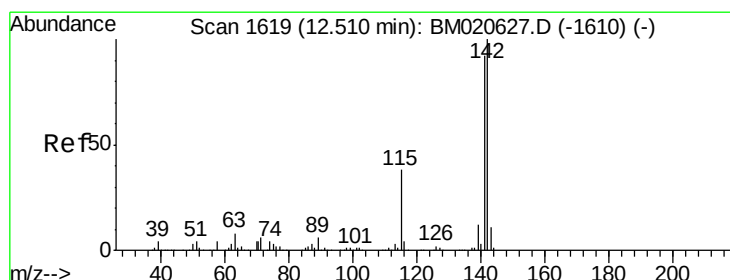
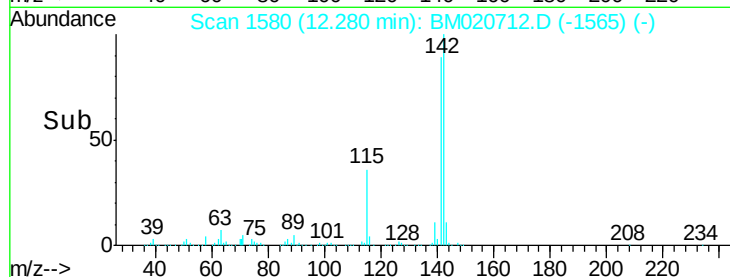
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Abundance Ion 142.00 (141.70 to 142.70): E
2000000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

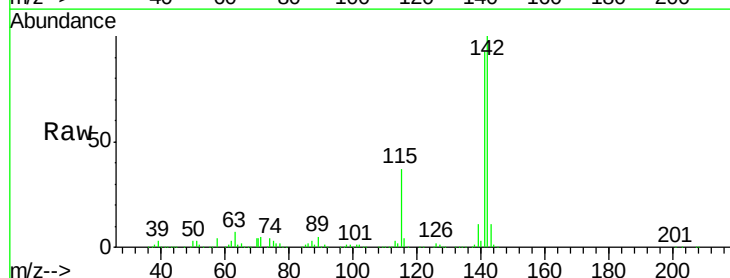


Time-->

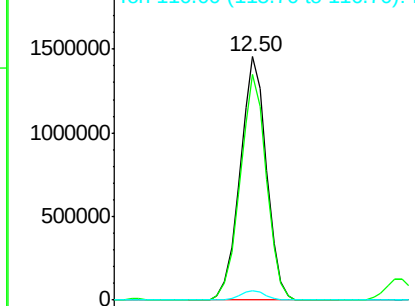


#38
1-Methylnaphthalene
Concen: 42.170 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

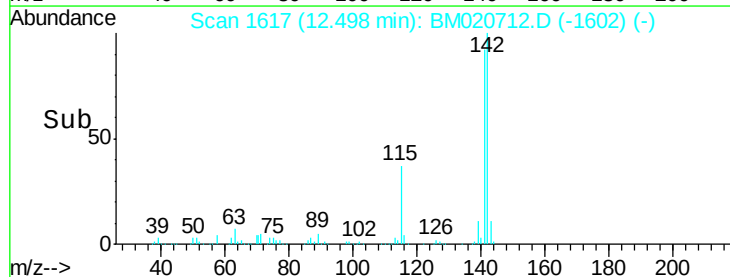
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	4.0	3.2	4.8

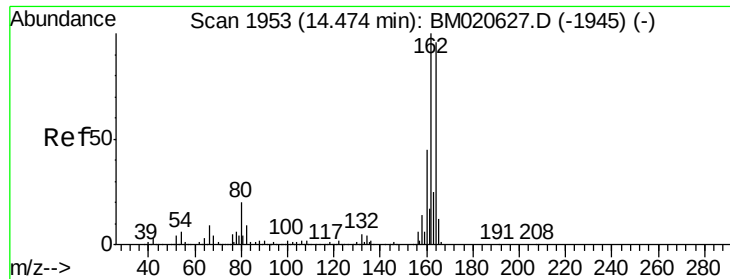


Abundance Ion 142.00 (141.70 to 142.70): E
2000000
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time-->





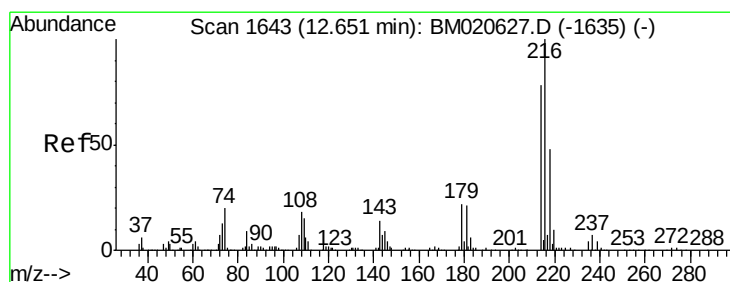
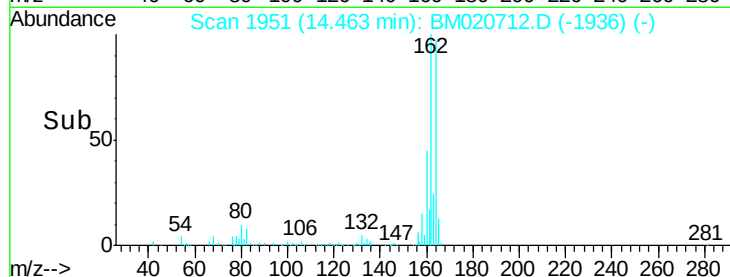
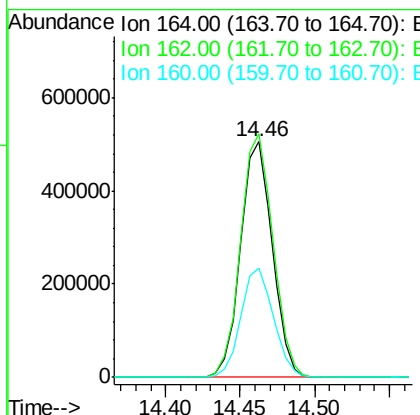
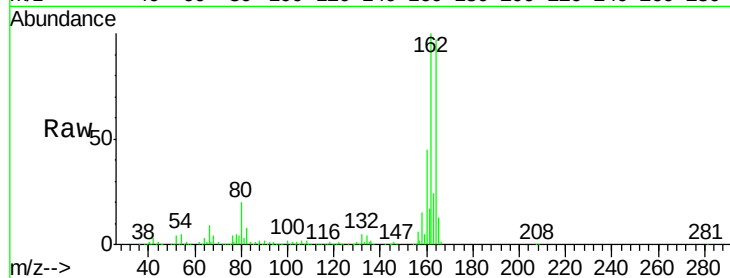
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.2	124.8
160	46.4	37.5	56.3

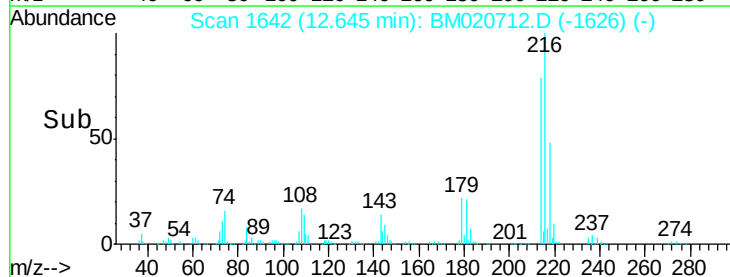
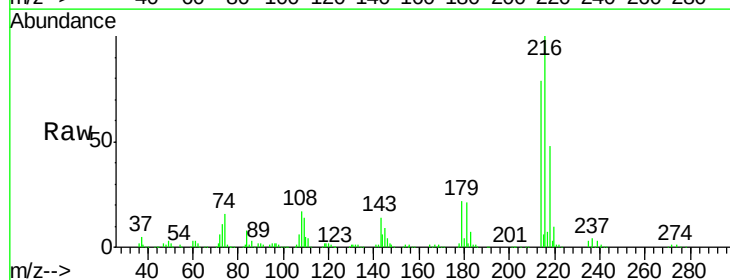
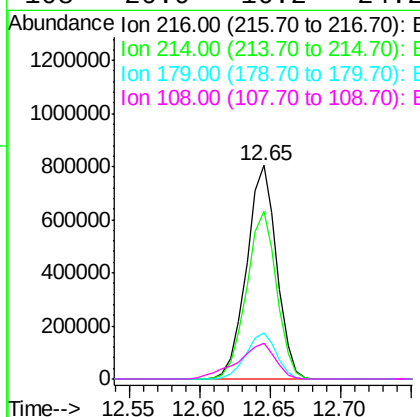
Manual Integrations
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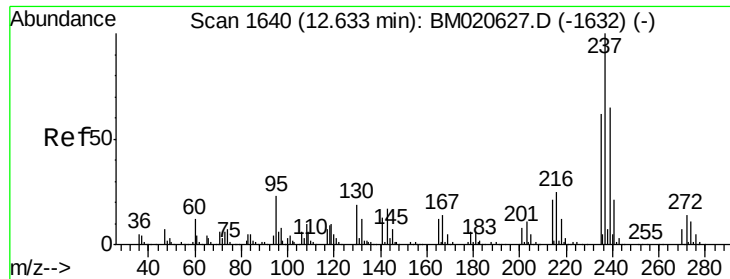
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.476 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.9	17.9	26.9
108	20.9	16.2	24.2





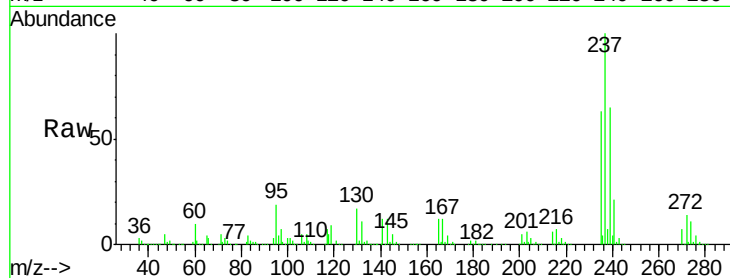
#41
Hexachlorocyclopentadiene
Concen: 108.142 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

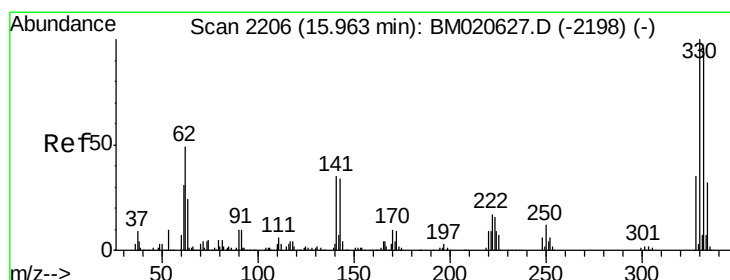
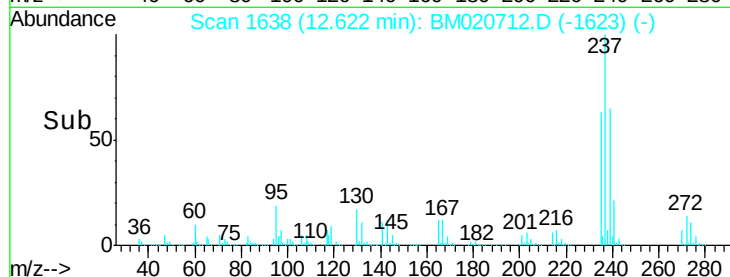
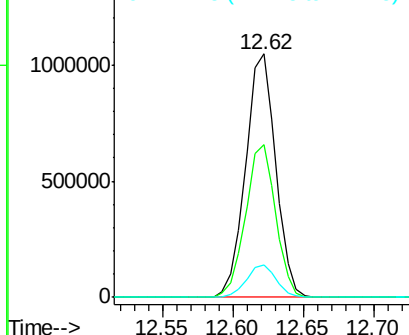
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.1	82.1
272	13.5	0.0	33.5

Manual Integrations
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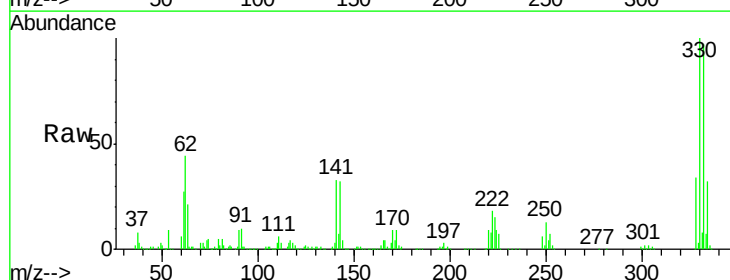


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

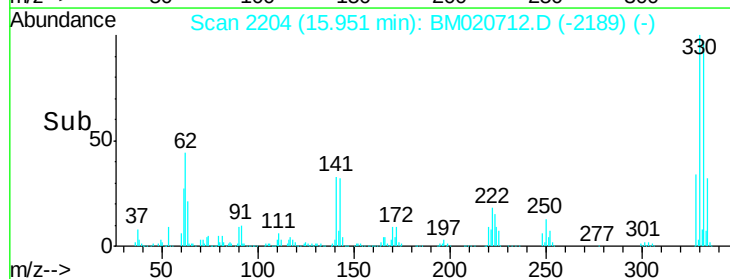
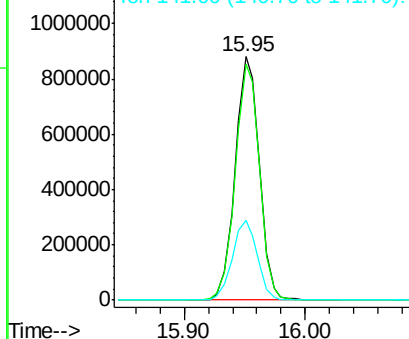


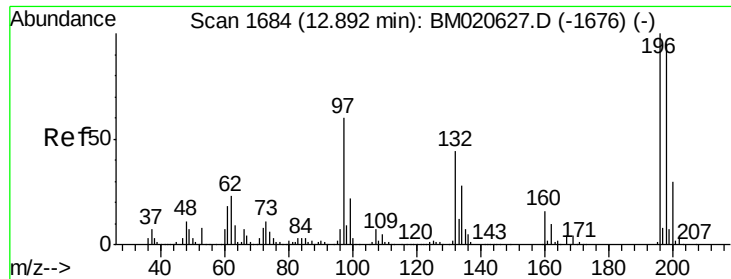
#42
2,4,6-Tribromophenol
Concen: 133.677 ng
RT: 15.95 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	33.8	30.4	45.6



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





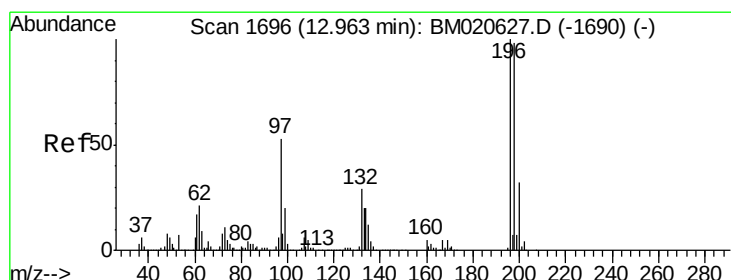
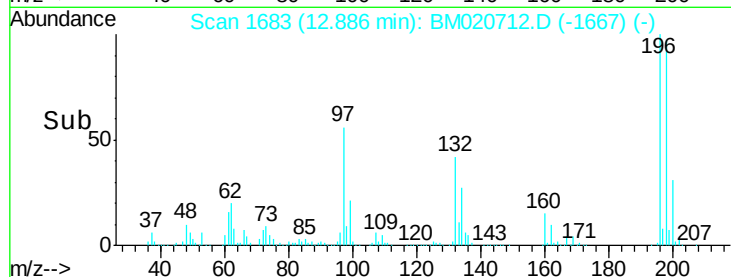
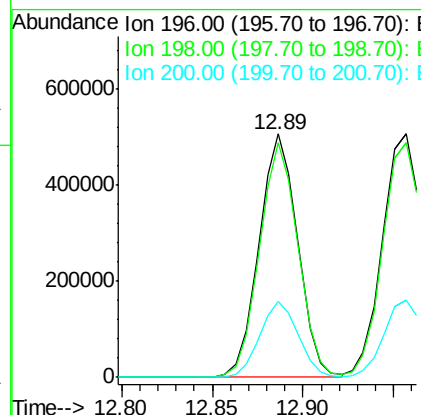
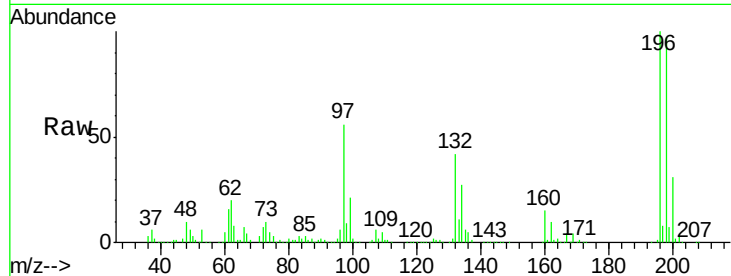
#43
 2,4,6-Trichlorophenol
 Concen: 47.958 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	748245		
198	96.5	75.7	113.5	
200	31.4	23.9	35.9	

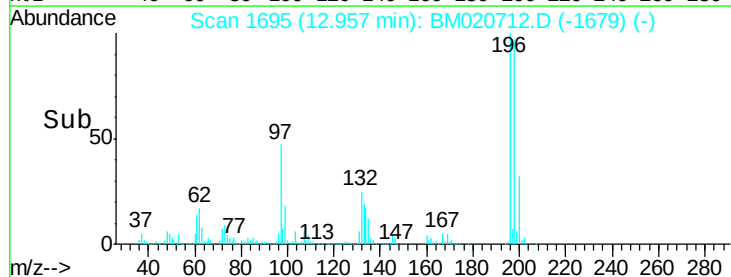
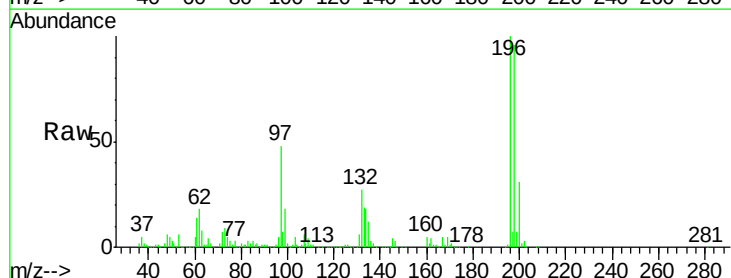
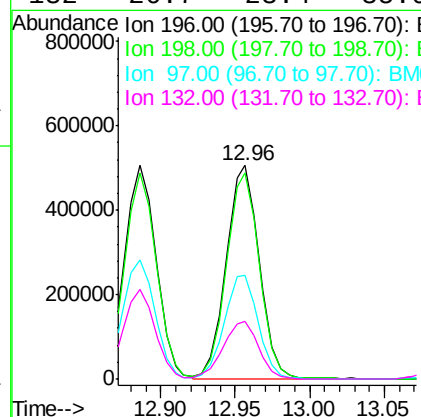
Manual Integrations
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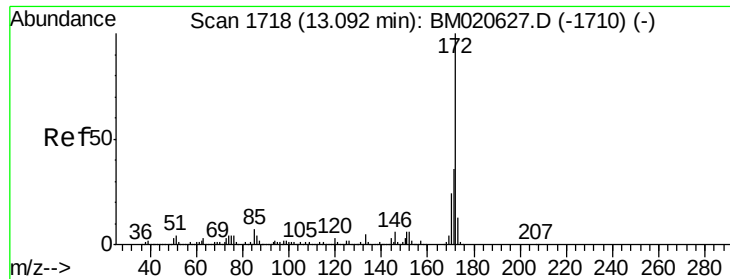
mohammad
 6/5/2019 3:41:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.325 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	778402		
198	96.4	78.6	117.8	
97	48.3	42.7	64.1	
132	26.7	23.4	35.0	





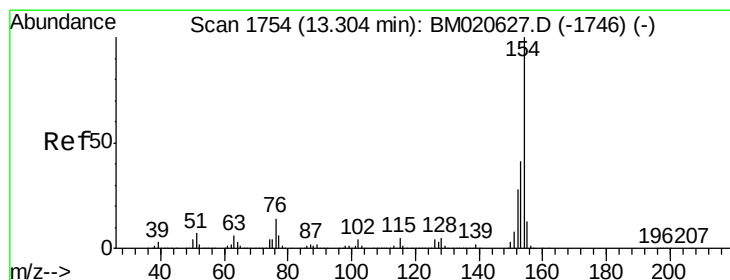
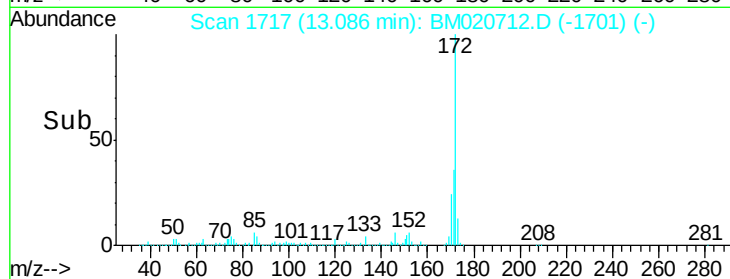
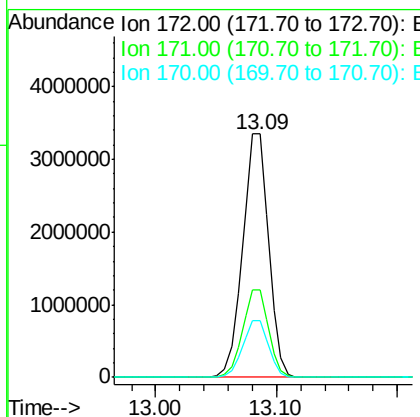
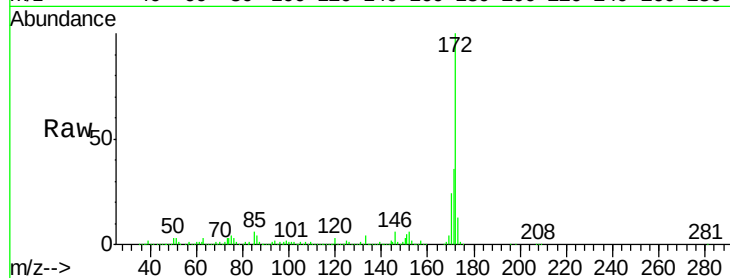
#45
2-Fluorobiphenyl
Concen: 90.266 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:172 Resp: 5022021
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 18.9 28.3

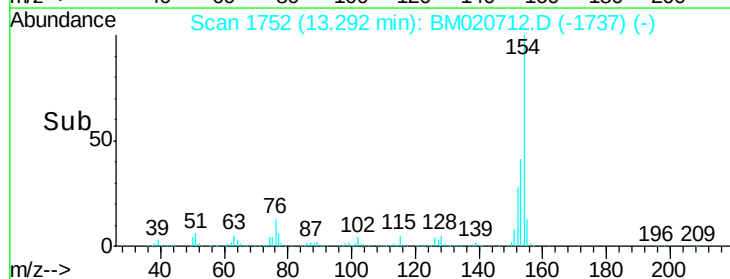
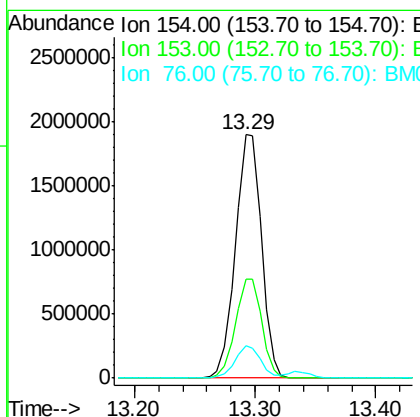
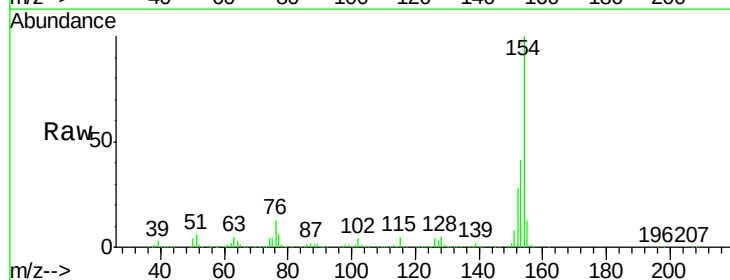
Manual Integrations
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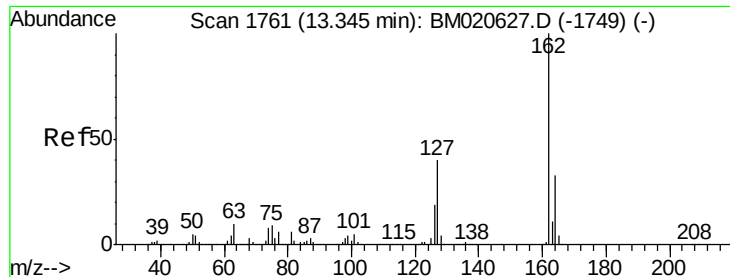
mohammad
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#46
1,1'-Biphenyl
Concen: 46.305 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:154 Resp: 2860422
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 13.2 0.0 34.0





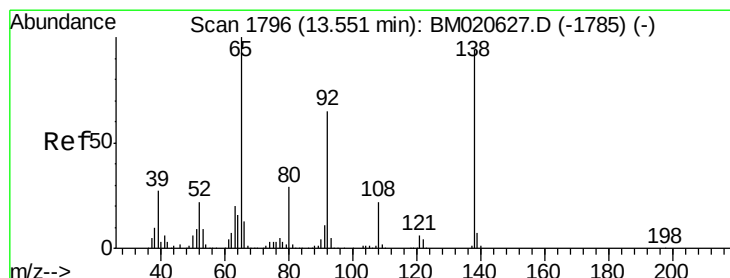
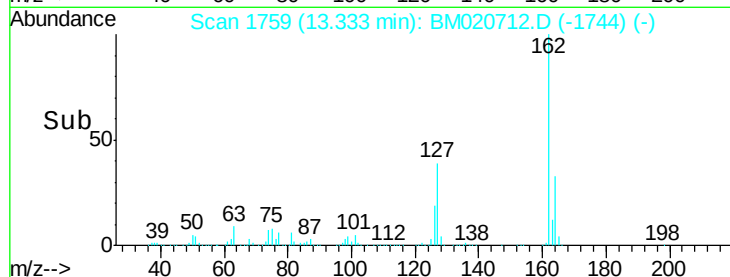
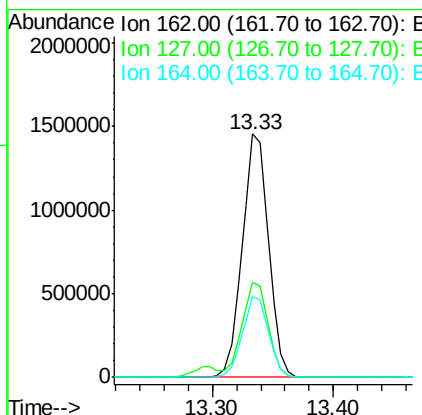
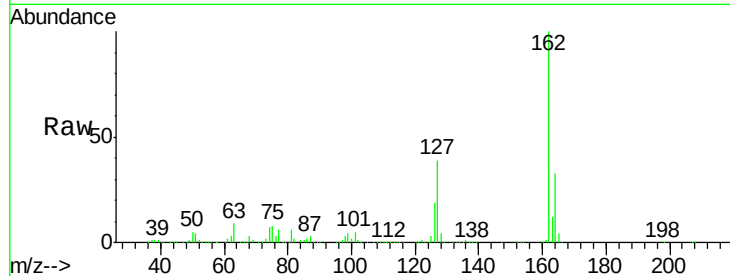
#47
 2-Chloronaphthalene
 Concen: 44.304 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.1	48.1
164	33.1	26.6	39.8

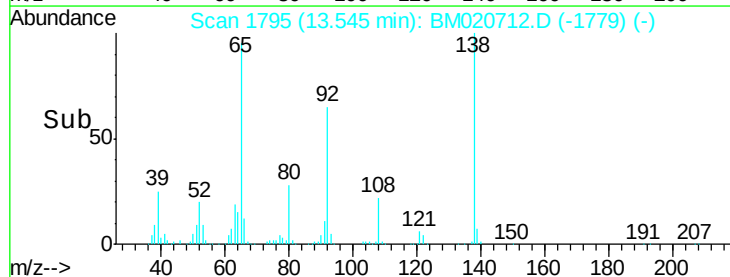
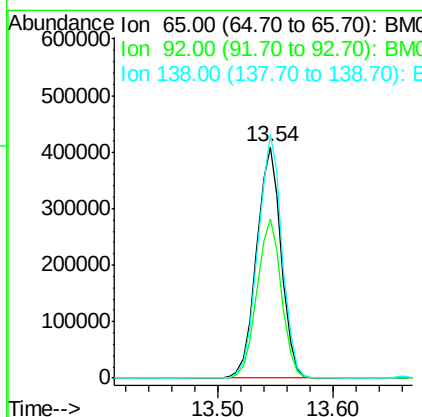
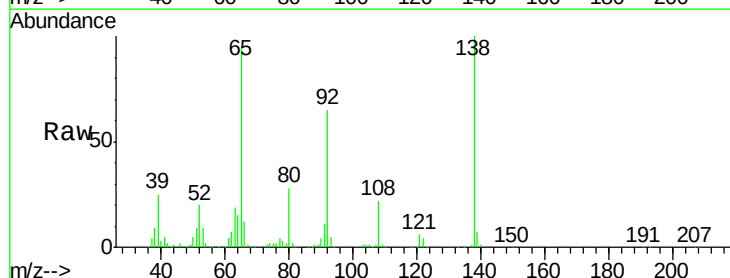
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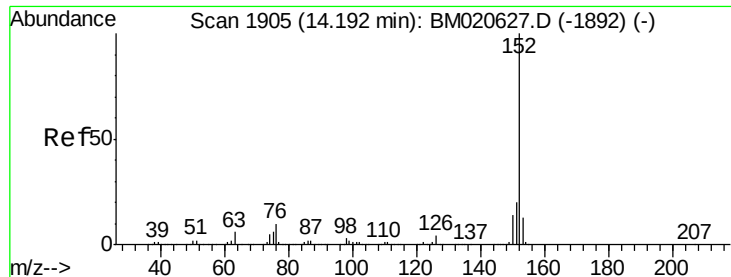
mohammad
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#48
 2-Nitroaniline
 Concen: 38.711 ng
 RT: 13.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	52.2	78.4
138	105.3	75.4	113.0





#49

Acenaphthylene

Concen: 43.790 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

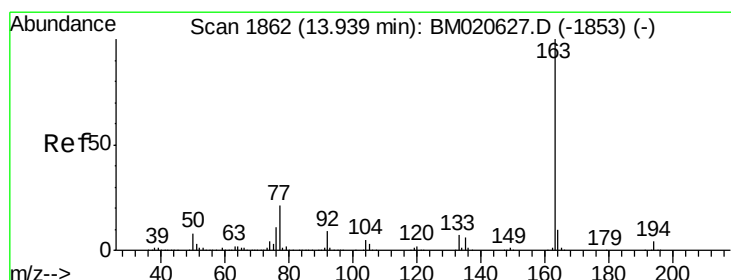
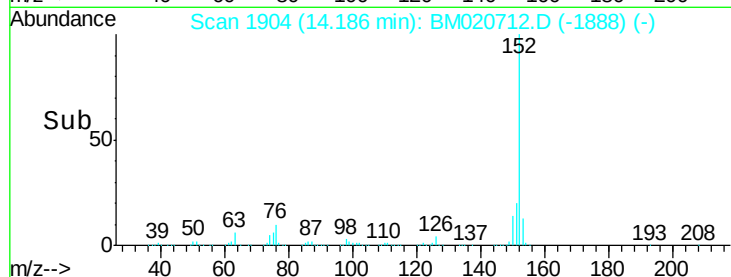
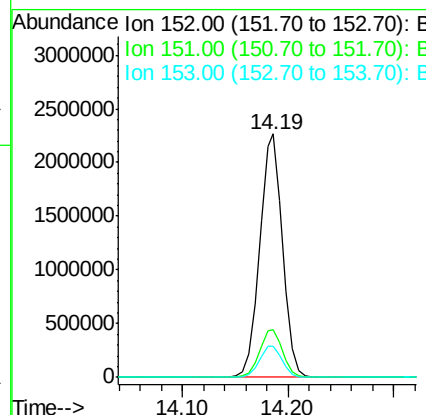
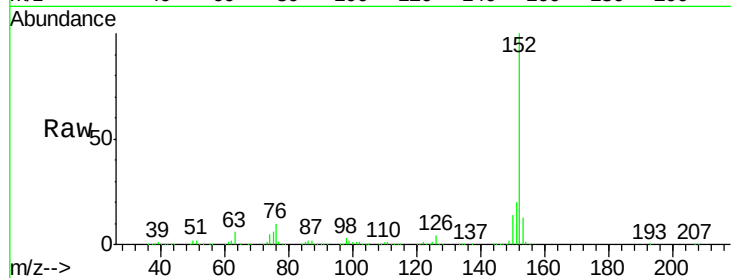
ClientSampleId :

PB119943BSD

Tgt Ion:	152	Resp:	3406437
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	12.9	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.368 ng

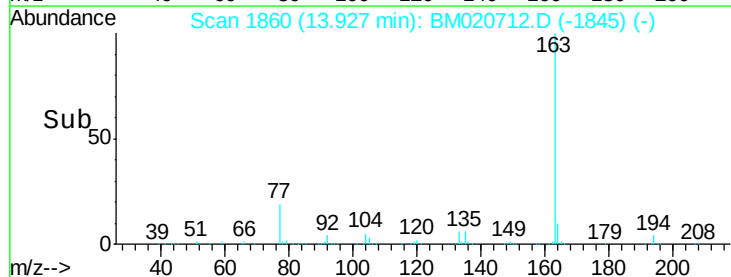
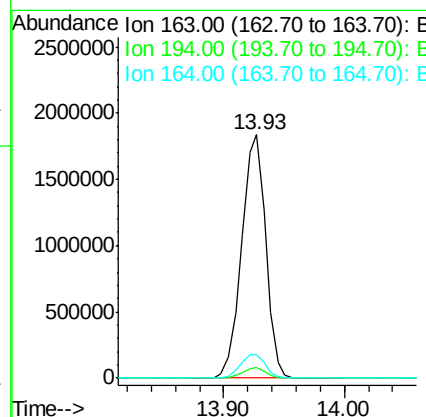
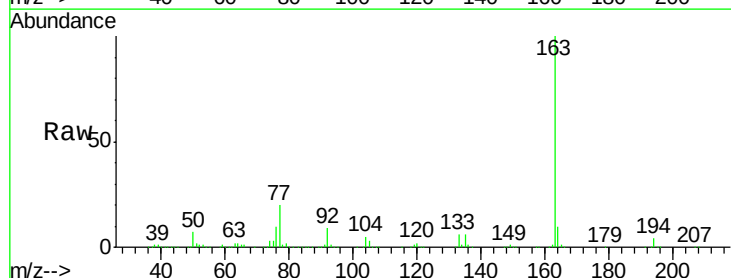
RT: 13.93 min Scan# 1860

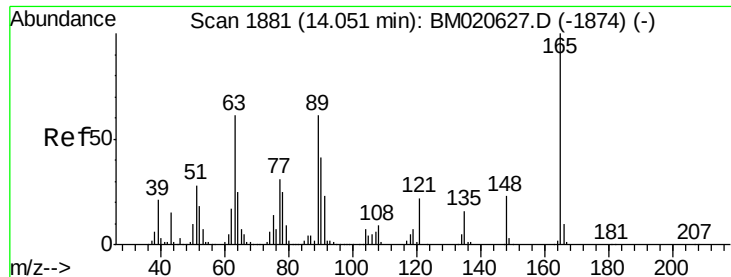
Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt Ion:	163	Resp:	2550935
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	7.9	11.9





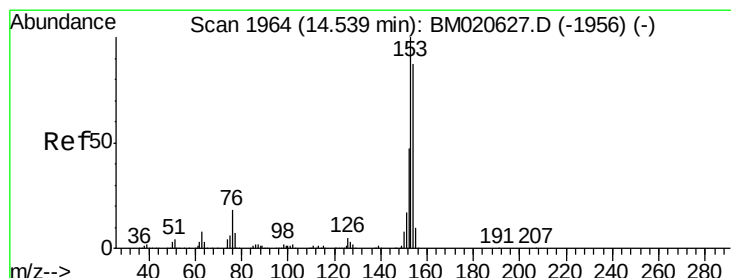
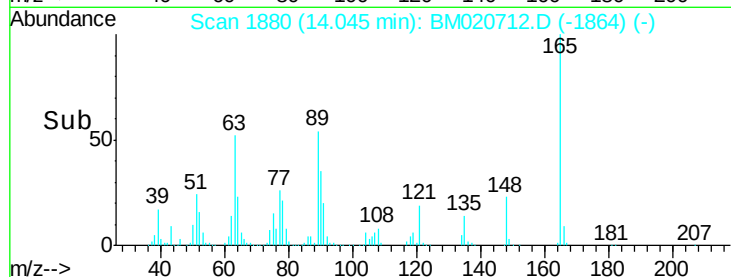
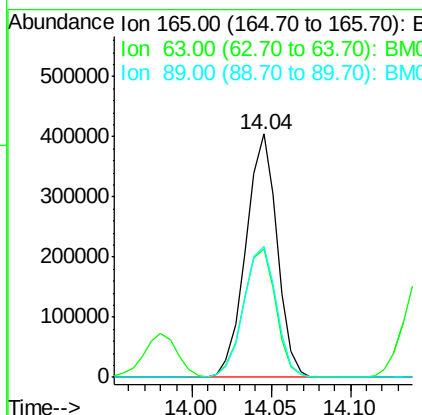
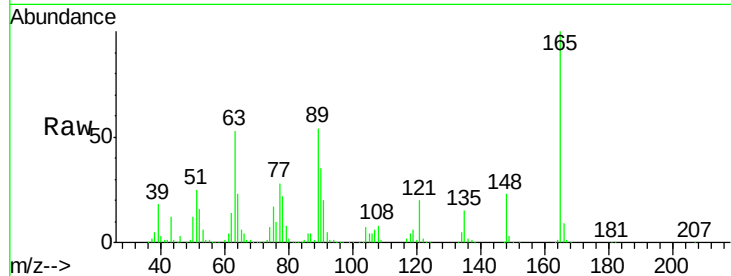
#51
2,6-Dinitrotoluene
Concen: 43.075 ng
RT: 14.04 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	552698		
63	52.6		50.4	75.6
89	53.9		49.1	73.7

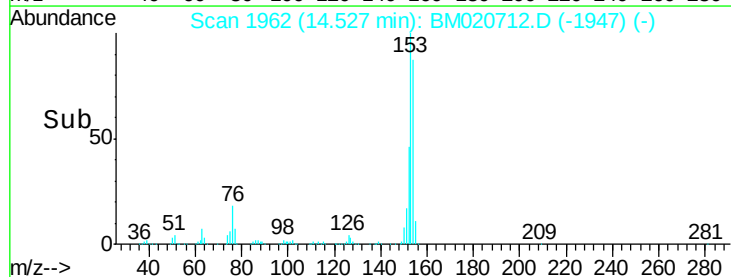
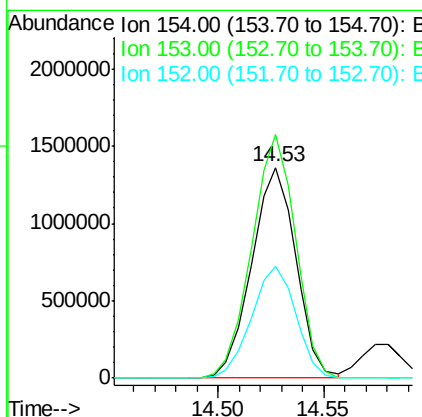
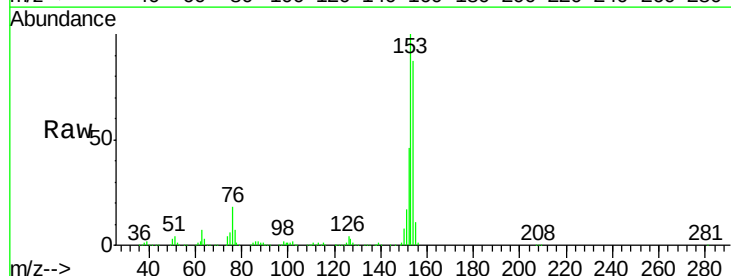
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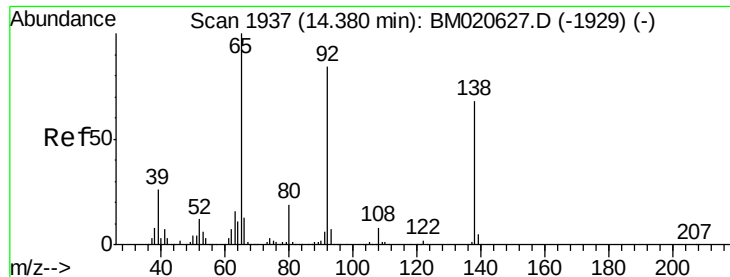
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#52
Acenaphthene
Concen: 42.843 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1986116		
153	115.5		92.4	138.6
152	53.3		43.4	65.0





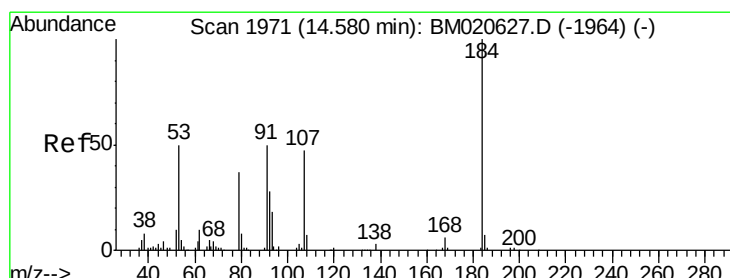
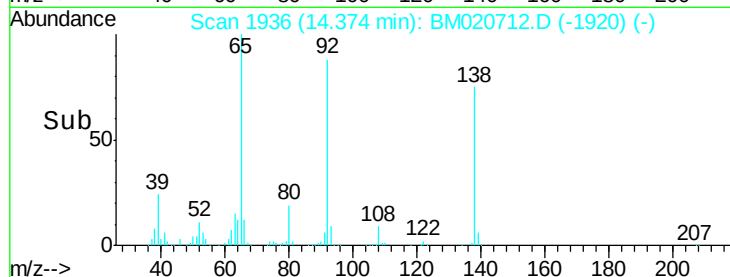
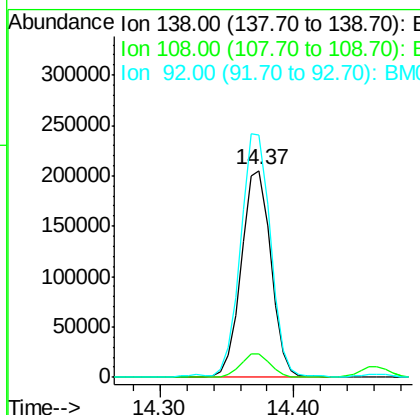
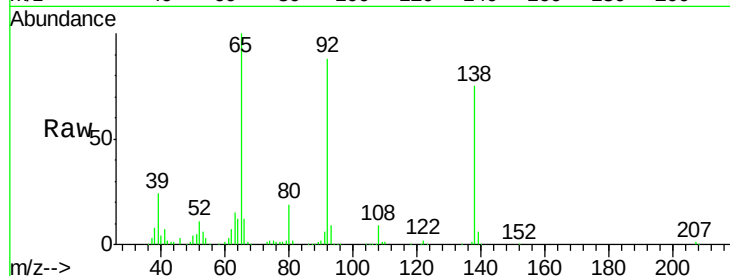
#53
 3-Nitroaniline
 Concen: 21.906 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	313730		
108	11.3	9.5	14.3	
92	117.2	99.6	149.4	

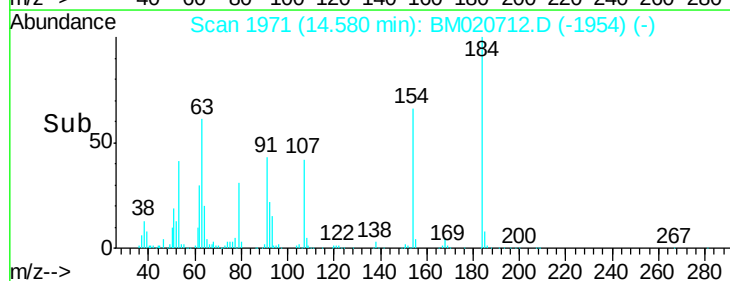
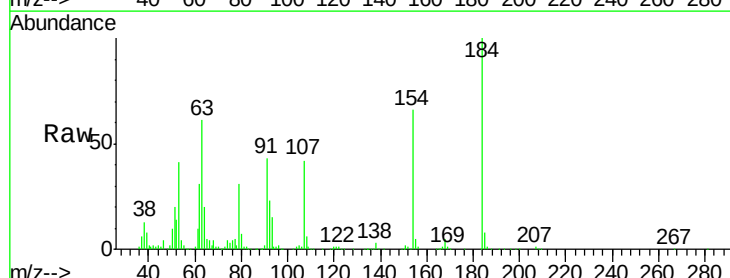
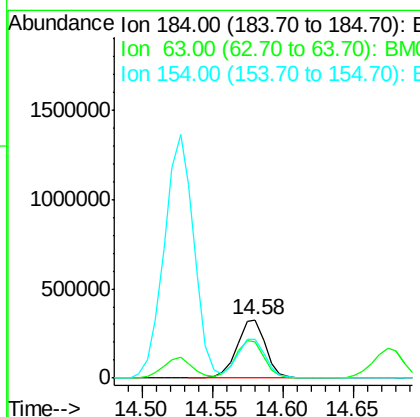
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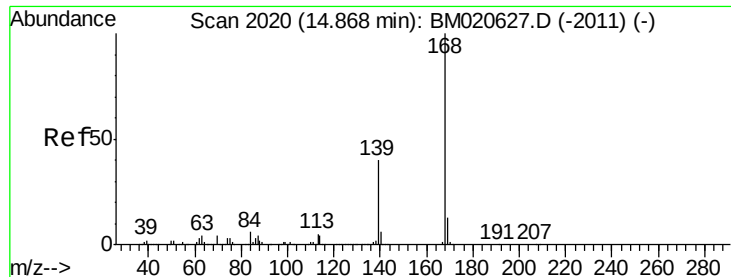
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#54
 2,4-Dinitrophenol
 Concen: 83.089 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	460356		
63	61.4	59.3	88.9	
154	65.8	56.5	84.7	





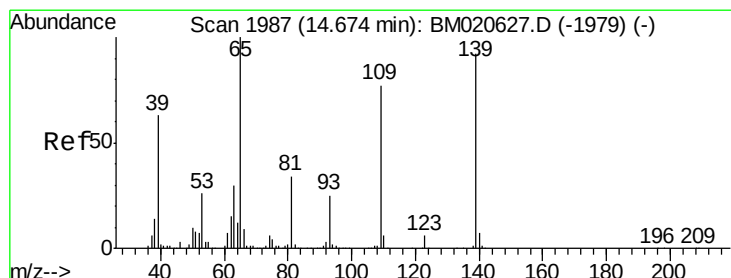
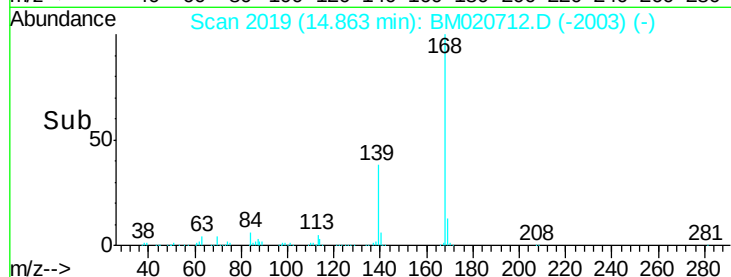
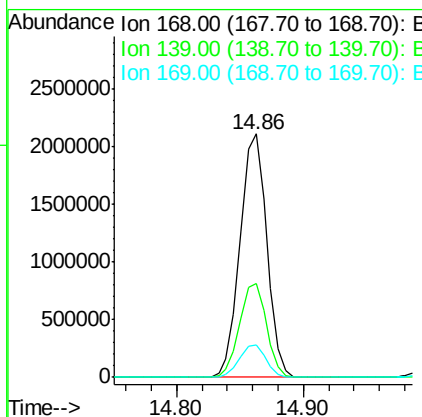
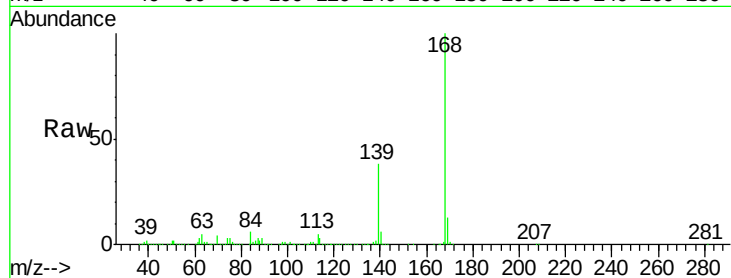
#55
Dibenzenofuran
Concen: 42.759 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.9	47.9
169	13.2	10.7	16.1

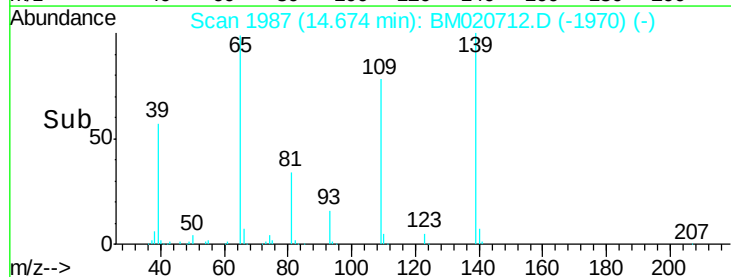
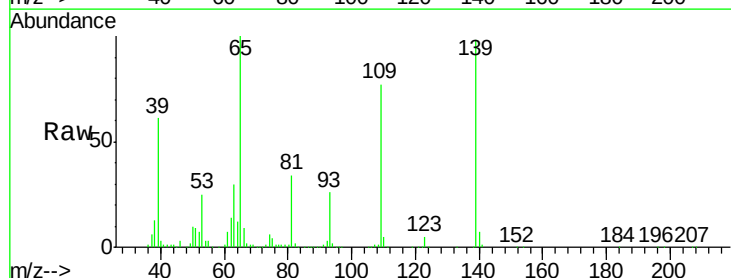
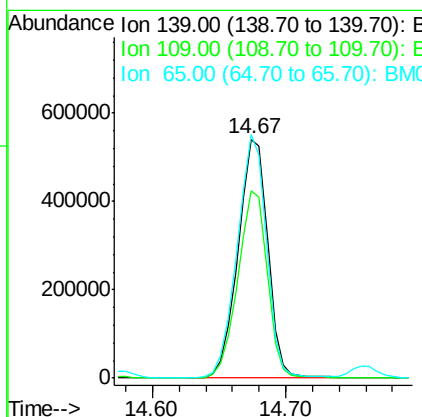
Manual Integrations
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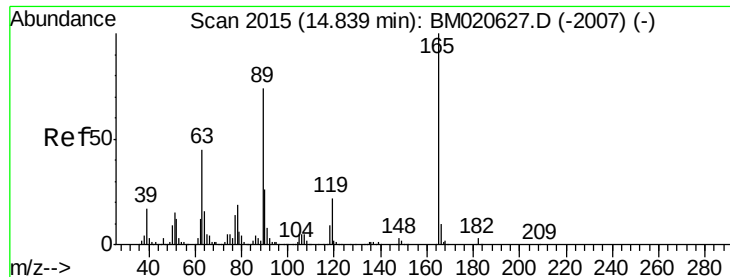
mohammad
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#56
4-Nitrophenol
Concen: 78.996 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	62.7	102.7
65	102.0	88.3	128.3





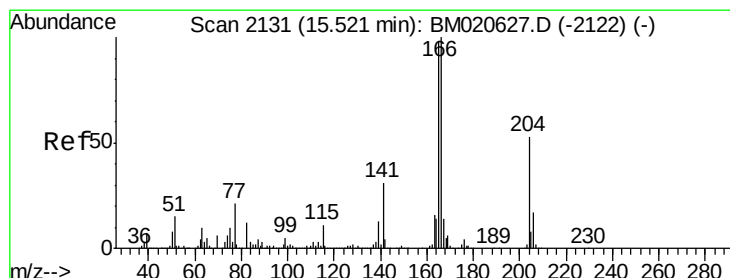
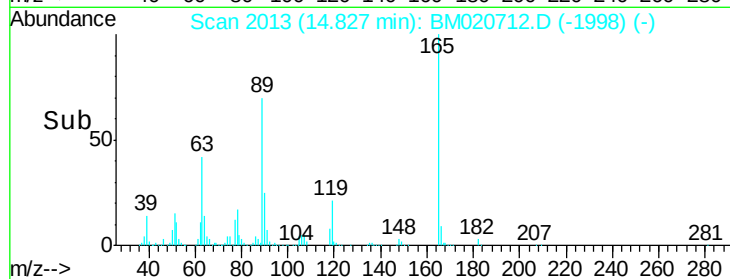
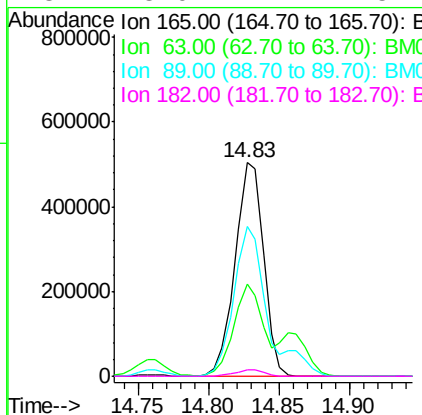
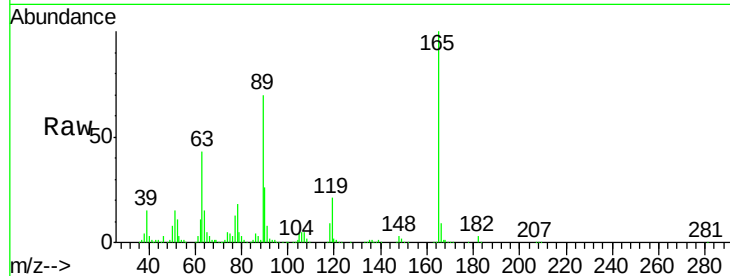
#57
2,4-Dinitrotoluene
Concen: 41.318 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	709853		
63	43.2	36.3	54.5	
89	70.3	59.0	88.6	
182	3.0	2.2	3.4	

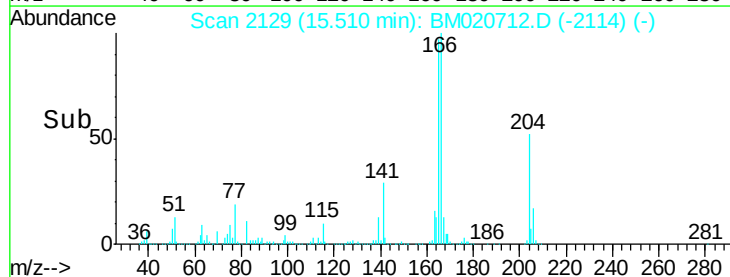
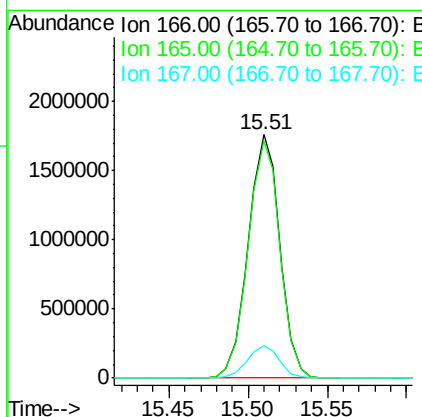
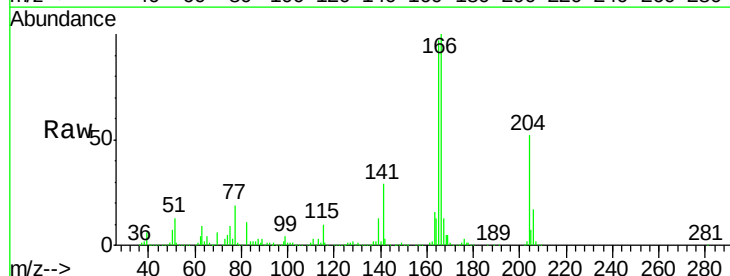
Manual Integrations
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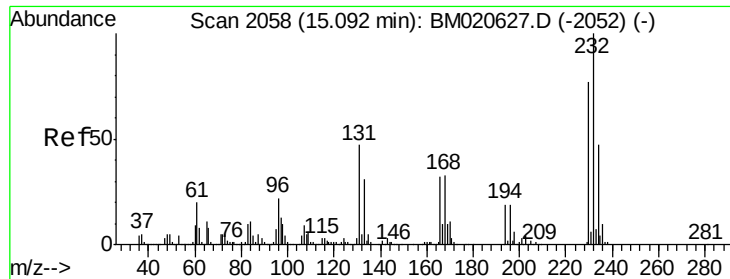
mohammad
6/5/2019 3:41:38 PM



#58
Fluorene
Concen: 41.050 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2430569		
165	97.2	78.6	117.8	
167	13.3	11.0	16.4	





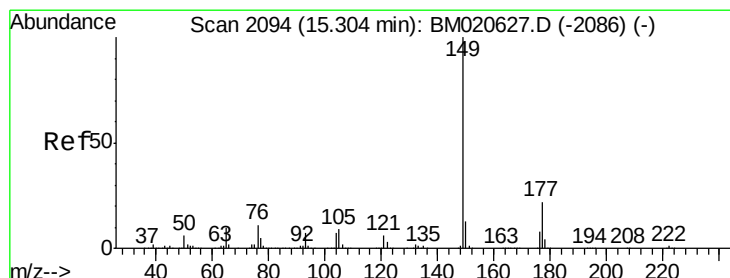
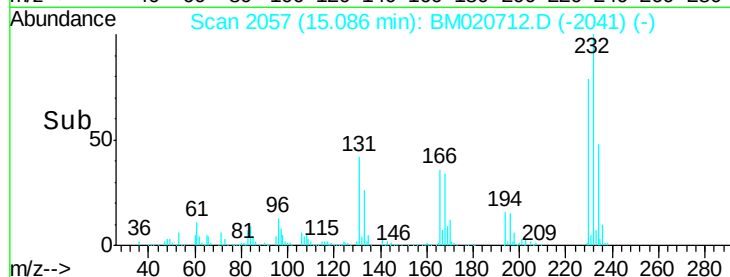
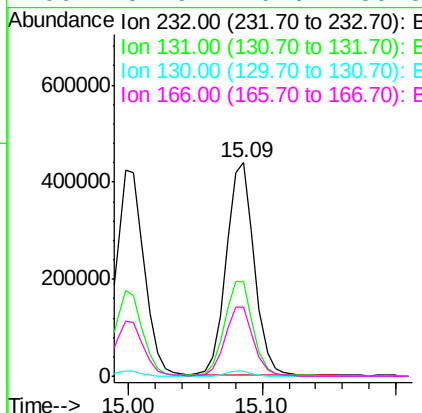
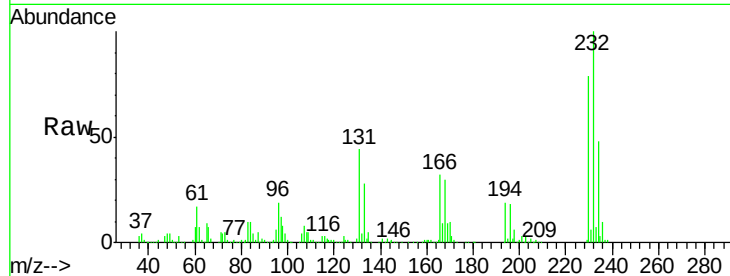
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.656 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:	232	Resp:	640818
Ion Ratio	Lower	Upper	
232	100		
131	45.6	38.6	57.8
130	2.5	2.2	3.2
166	32.9	26.6	39.8

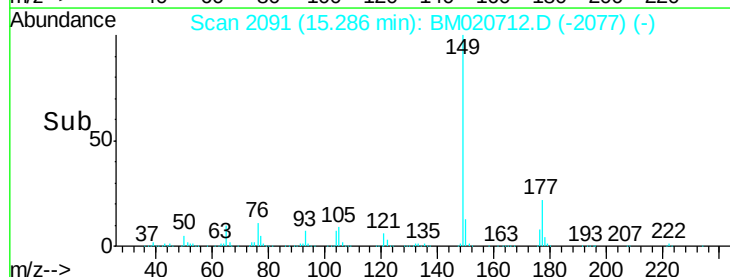
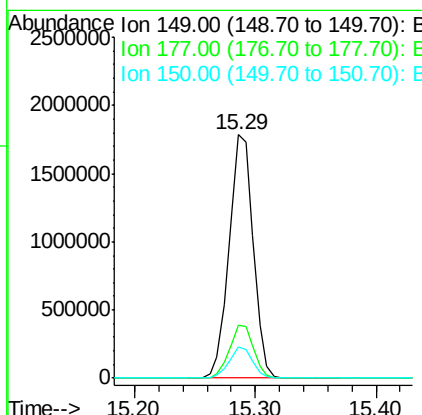
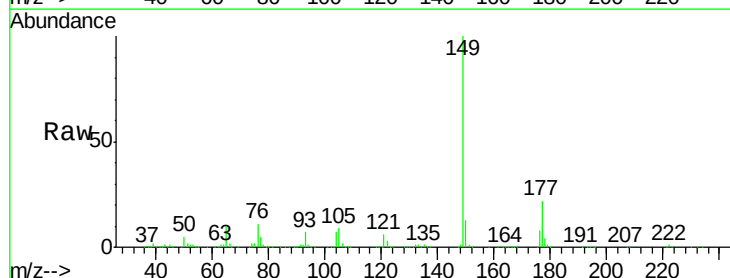
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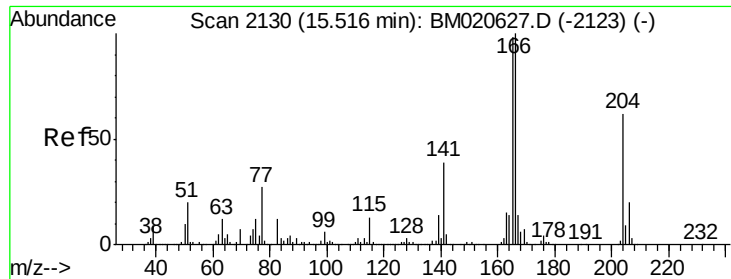
mohammad
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#60
Diethylphthalate
Concen: 37.994 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:	149	Resp:	2476170
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.2	25.8
150	12.7	10.1	15.1





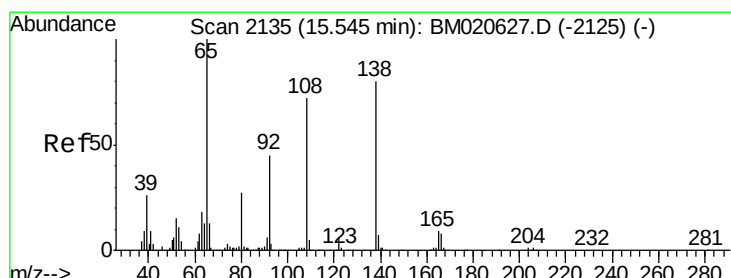
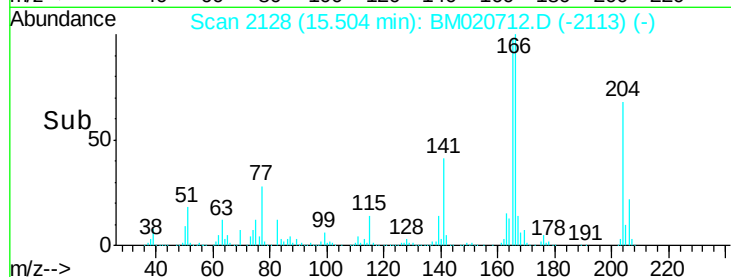
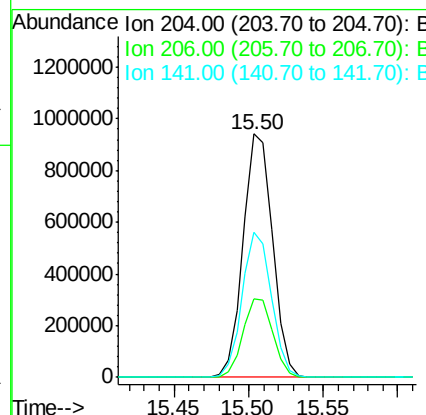
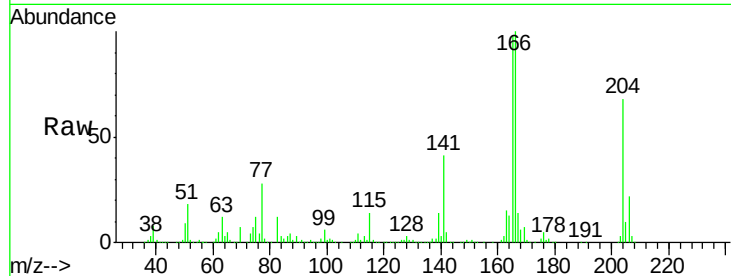
#61
 4-Chlorophenyl-phenylether
 Concen: 41.116 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion:204 Resp: 1289009
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.8 38.8
 141 59.8 50.2 75.4

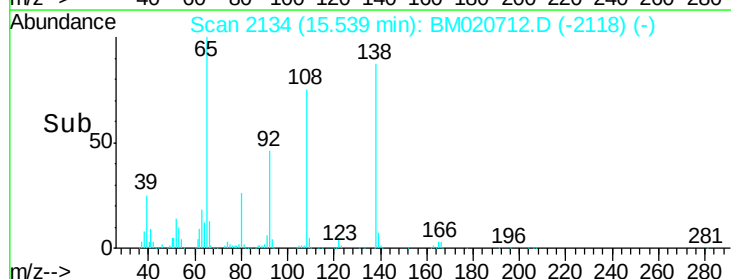
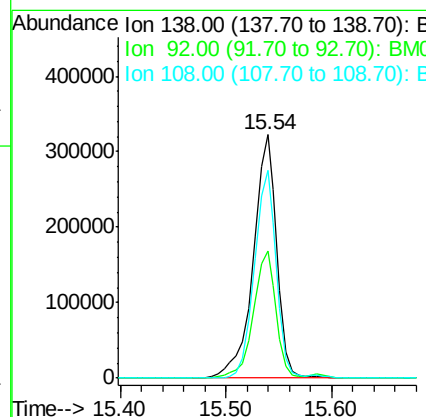
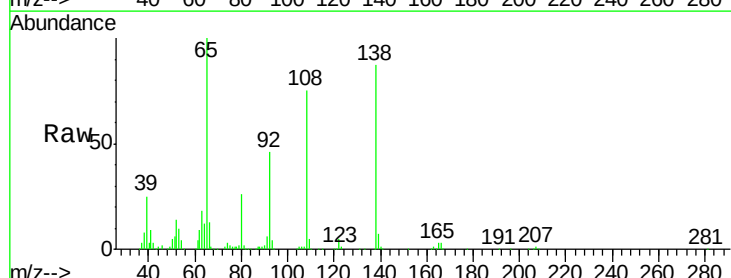
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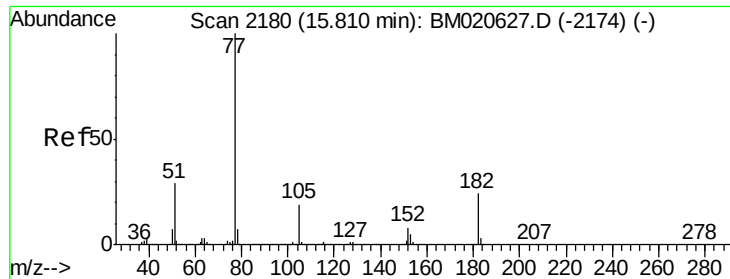
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#62
 4-Nitroaniline
 Concen: 33.033 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:138 Resp: 501744
 Ion Ratio Lower Upper
 138 100
 92 52.5 36.7 76.7
 108 85.4 70.3 110.3





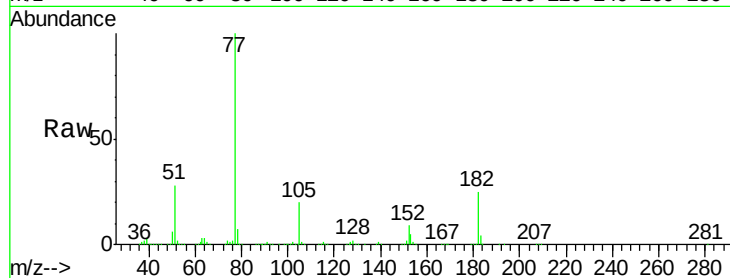
#63
Azobenzene
Concen: 38.008 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	3.6	43.6
105	19.7	0.0	39.4
51	27.9	9.5	49.5

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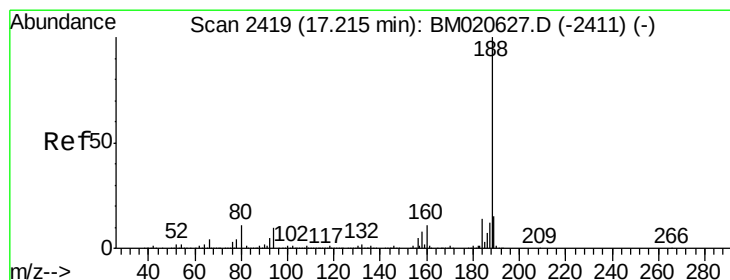
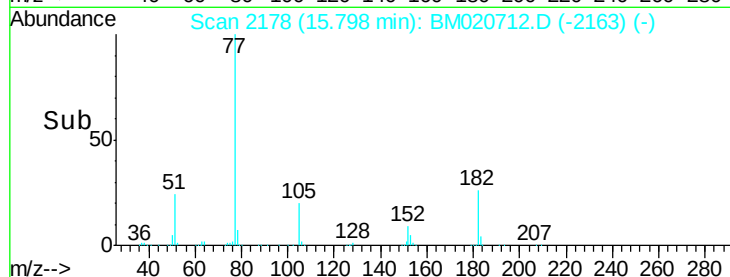
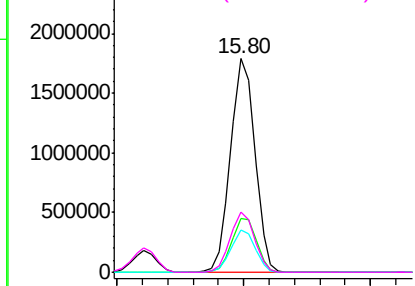


Abundance Ion 77.00 (76.70 to 77.70): BM020712.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): BM020712.D (-2163) (-)

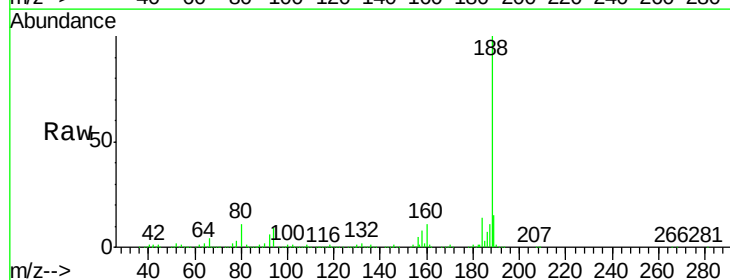
Ion 105.00 (104.70 to 105.70): BM020712.D (-2163) (-)

Ion 51.00 (50.70 to 51.70): BM020712.D (-2163) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

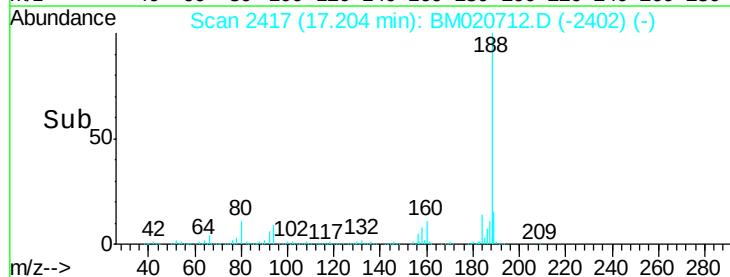
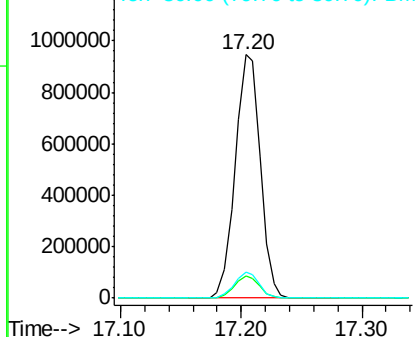
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.8
80	10.8	9.0	13.6

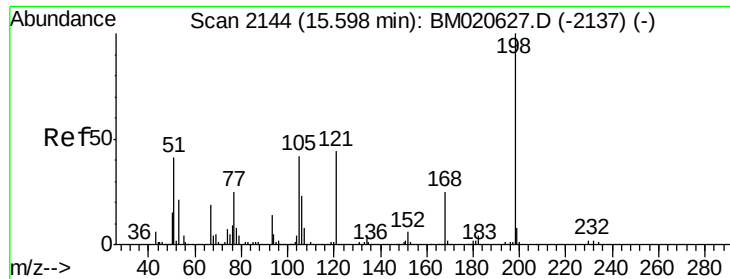


Abundance Ion 188.00 (187.70 to 188.70): BM020712.D (-2402) (-)

Ion 94.00 (93.70 to 94.70): BM020712.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020712.D (-2402) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.565 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion:198 Resp: 272362

Ion Ratio Lower Upper

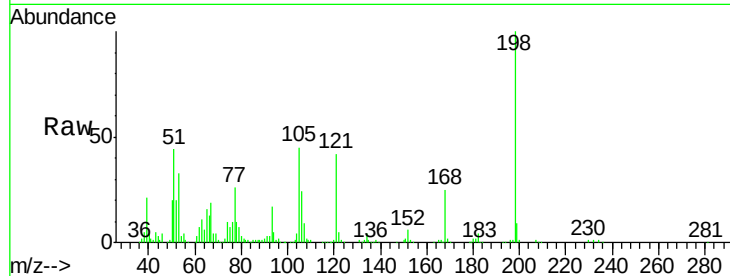
198 100

51 43.9 27.7 67.7

105 44.9 23.8 63.8

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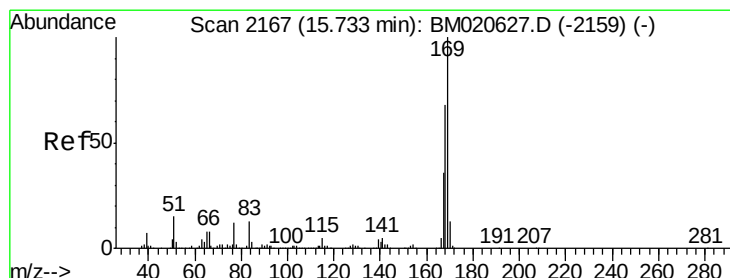
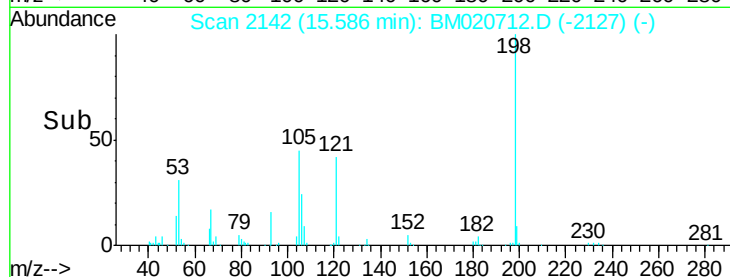
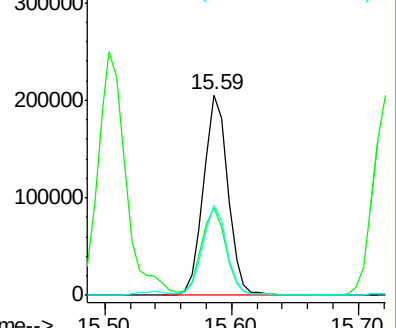
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.228 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

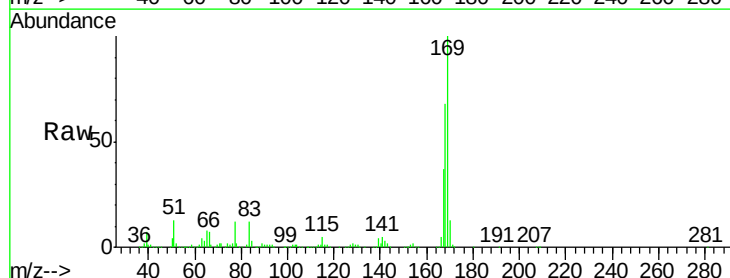
Tgt Ion:169 Resp: 2066540

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

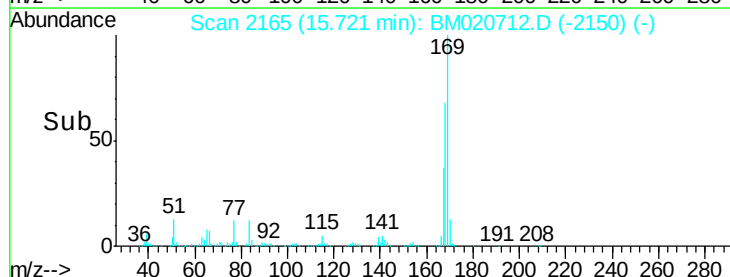
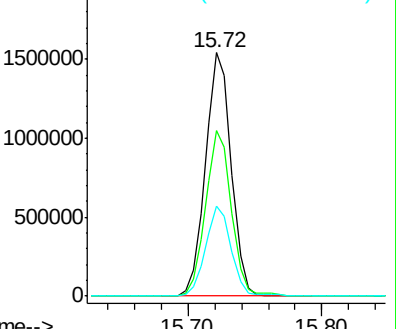
167 36.8 29.1 43.7

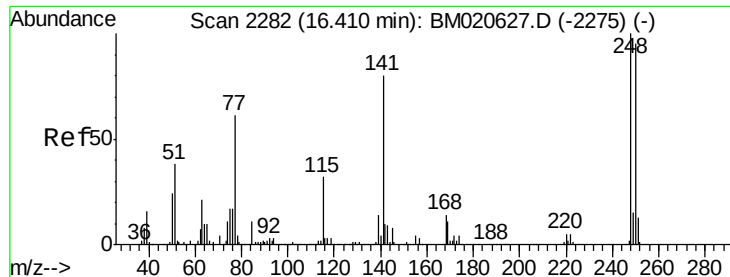


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





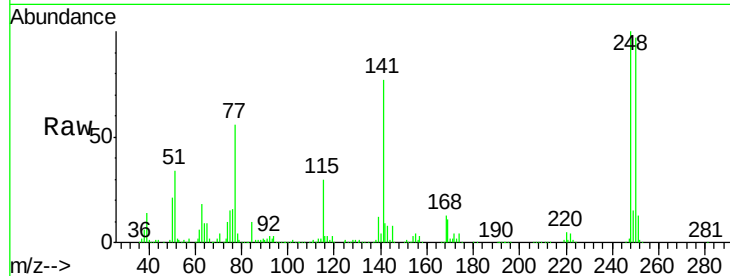
#67
4-Bromophenyl-phenylether
Concen: 46.066 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

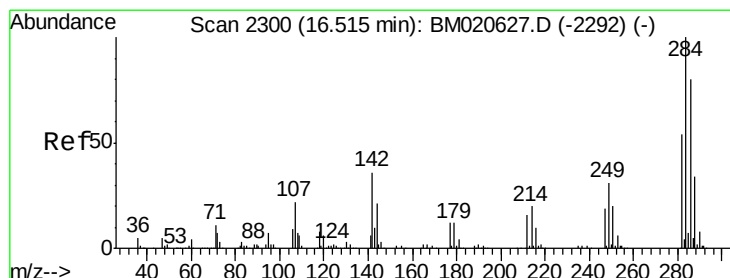
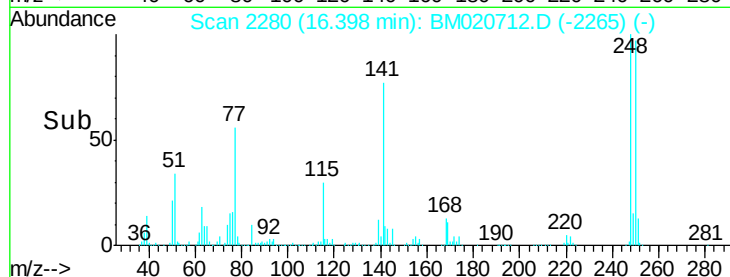
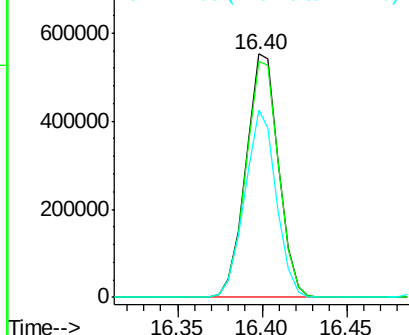
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.3	114.5
141	76.9	64.2	96.2

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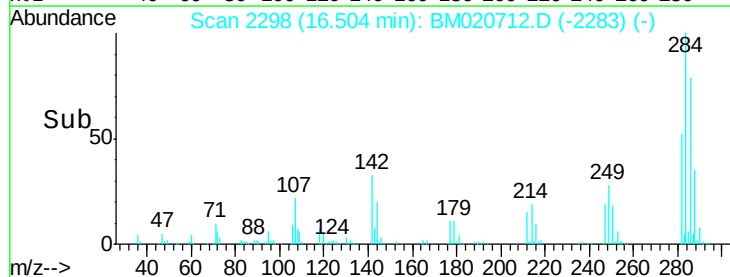
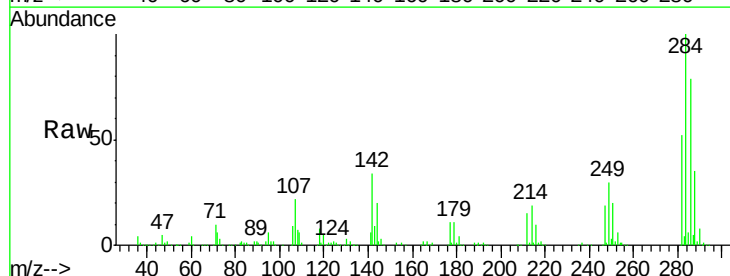
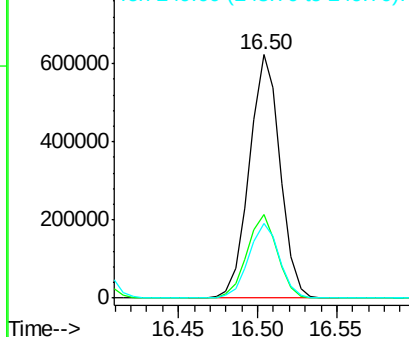
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

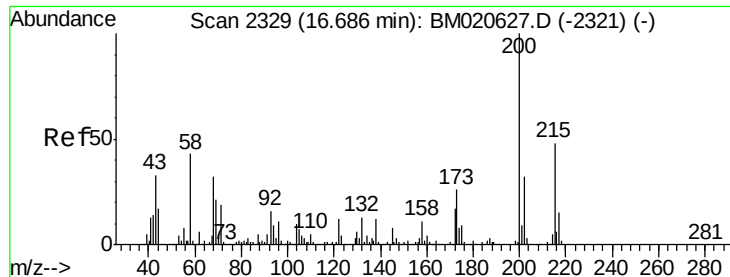


#68
Hexachlorobenzene
Concen: 44.563 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.6	42.8
249	30.4	25.0	37.4

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





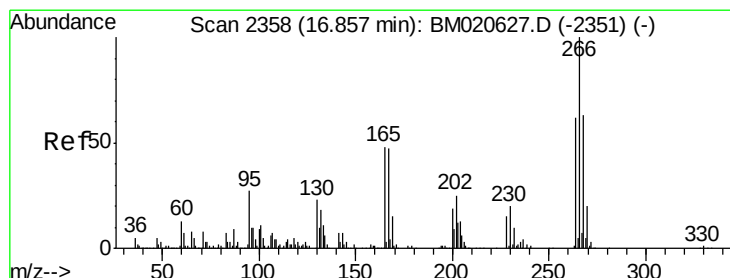
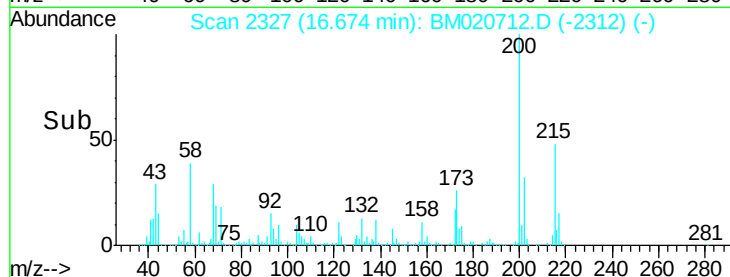
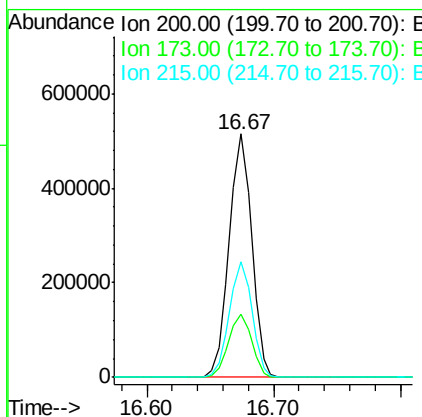
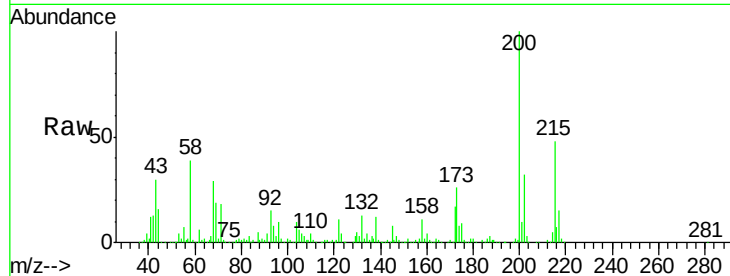
#69
Atrazine
Concen: 48.742 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	636553		
173	25.9	6.2	46.2	
215	47.6	27.7	67.7	

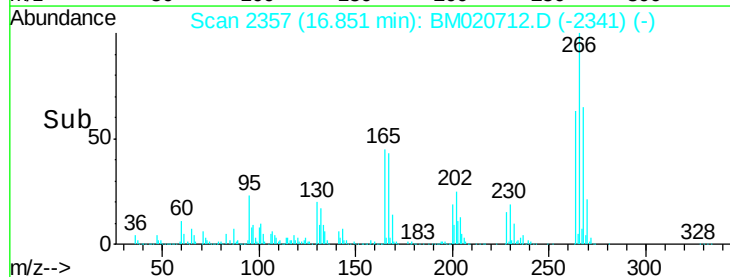
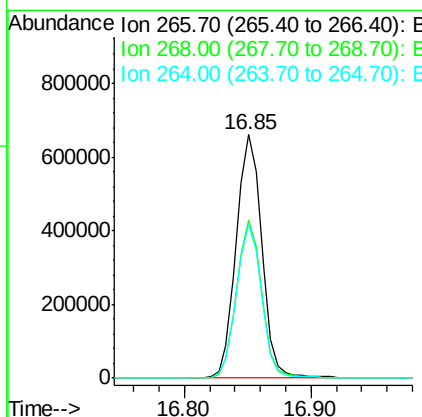
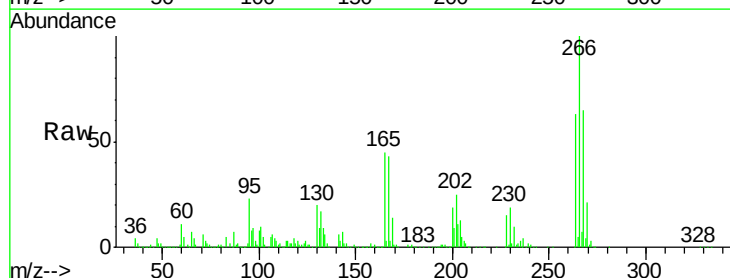
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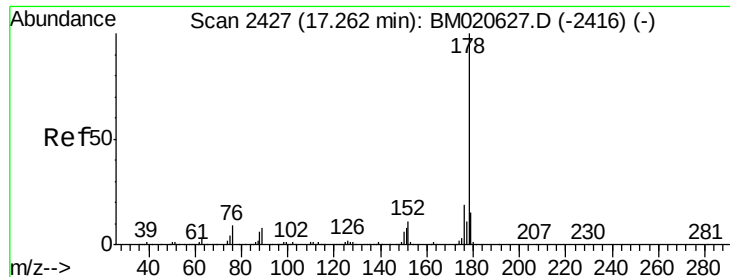
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#70
Pentachlorophenol
Concen: 102.948 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	922959		
268	64.8	50.6	75.8	
264	63.3	49.6	74.4	





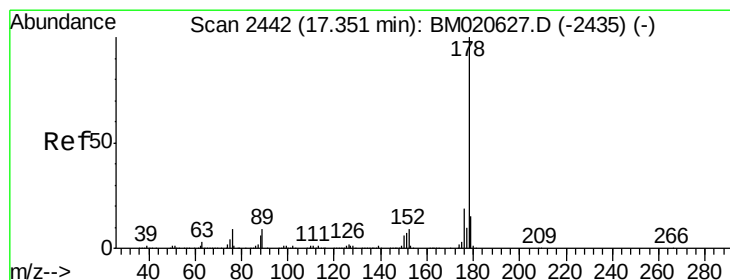
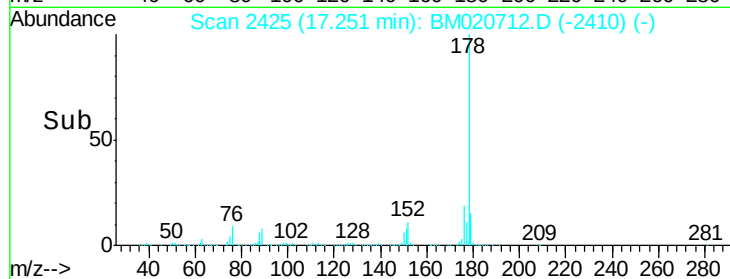
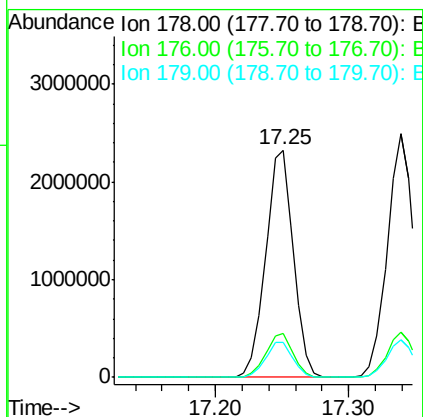
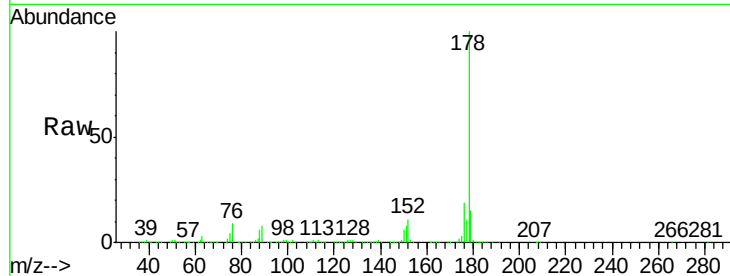
#71
Phenanthrene
Concen: 43.095 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion:178 Resp: 3338978
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.2 18.4

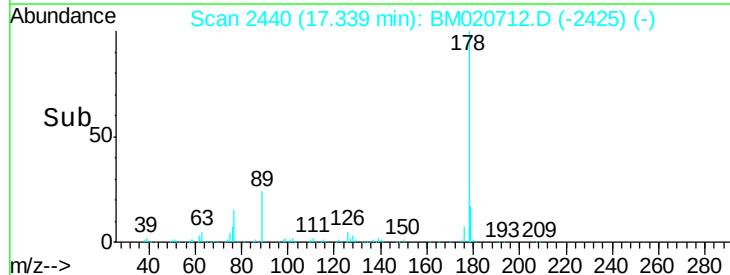
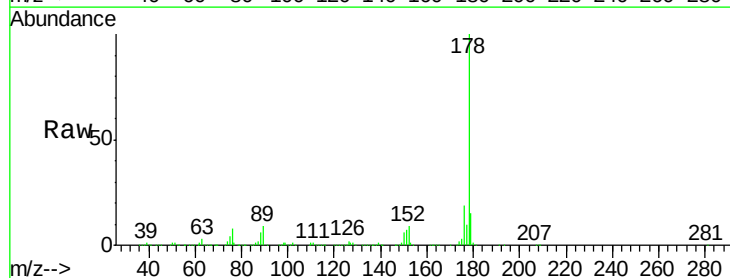
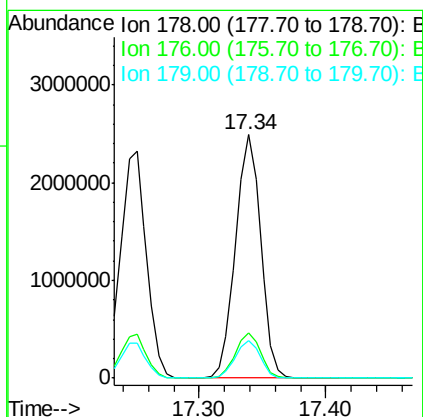
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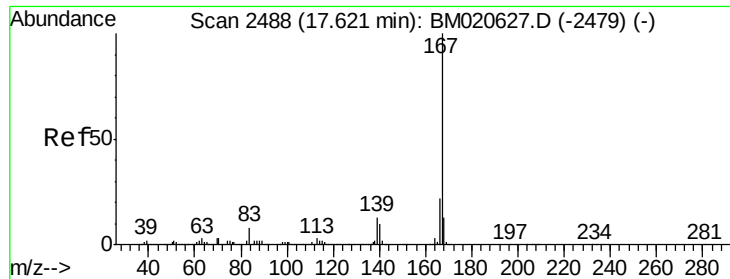
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#72
Anthracene
Concen: 44.004 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion:178 Resp: 3412367
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.3 12.3 18.5





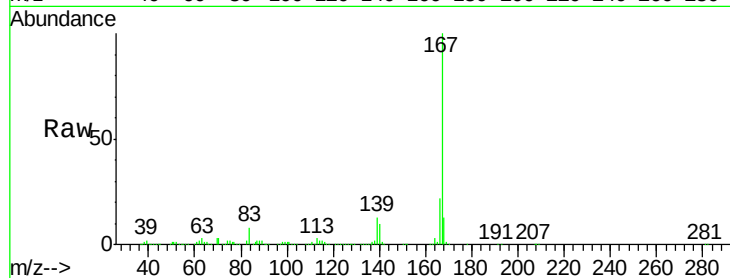
#73
 Carbazole
 Concen: 40.526 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

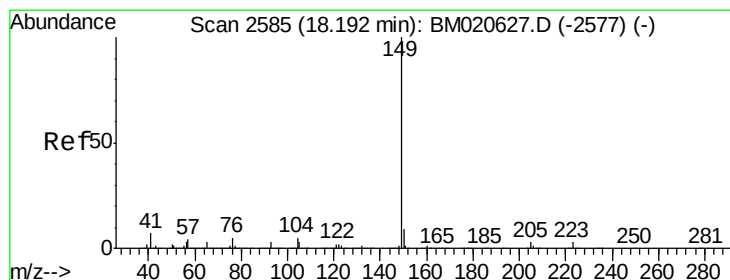
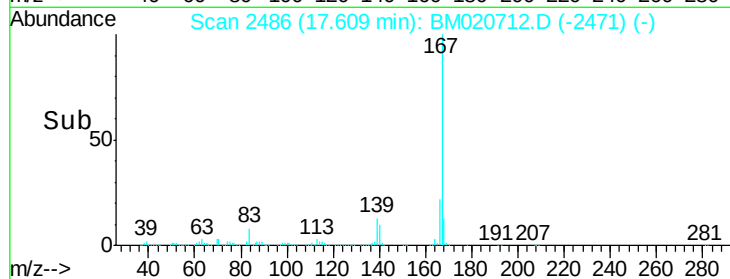
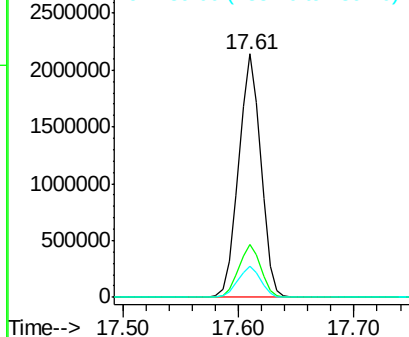
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	12.8	10.6	15.8

Manual Integrations
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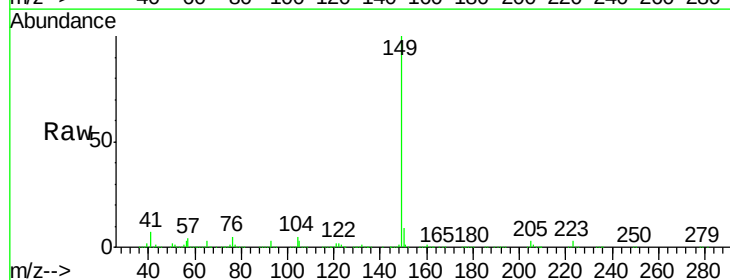


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

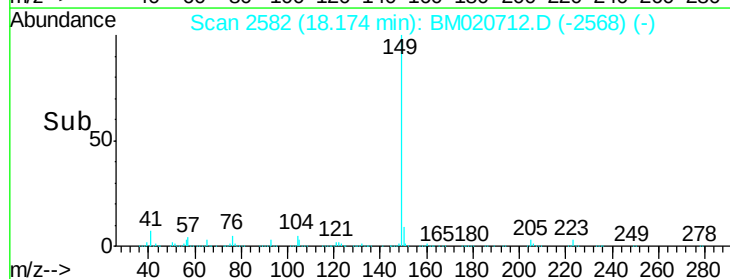
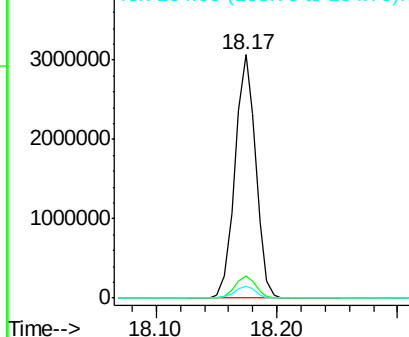


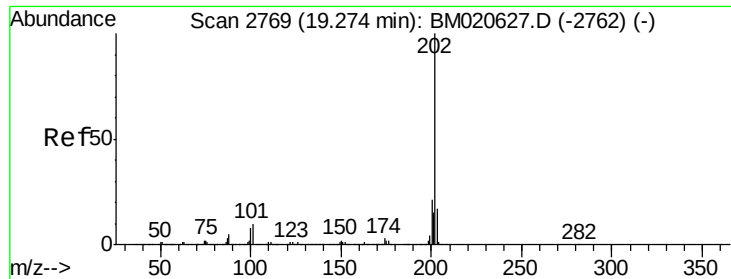
#74
 Di-n-butylphthalate
 Concen: 40.078 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.2	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.222 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

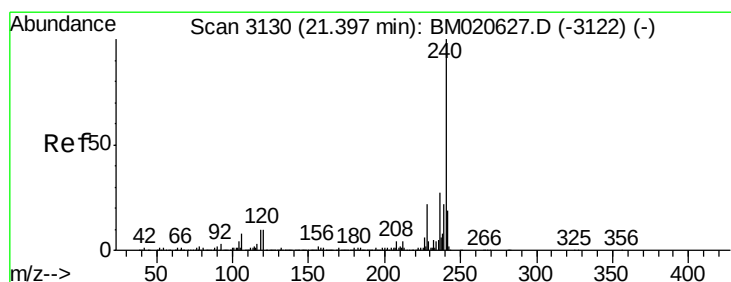
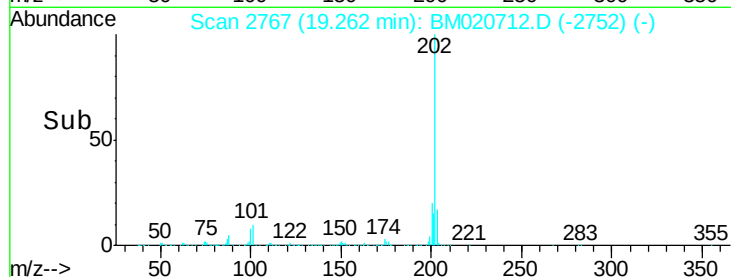
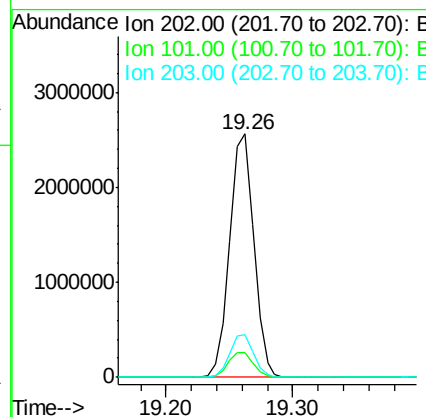
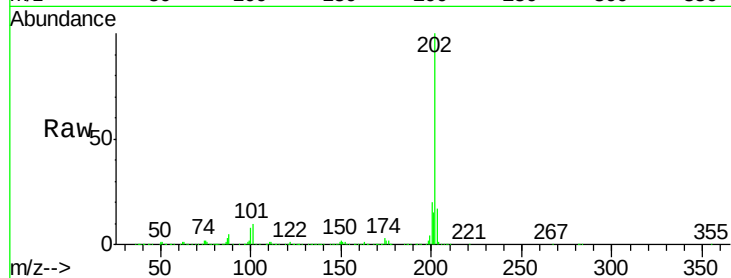
ClientSampleId :

PB119943BSD

Tgt	Ion	Ratio	Lower	Upper
202	100			
101	10.3	0.0	30.4	
203	17.3	0.0	37.3	

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#76

Chrysene-d12

Concen: 20.000 ng

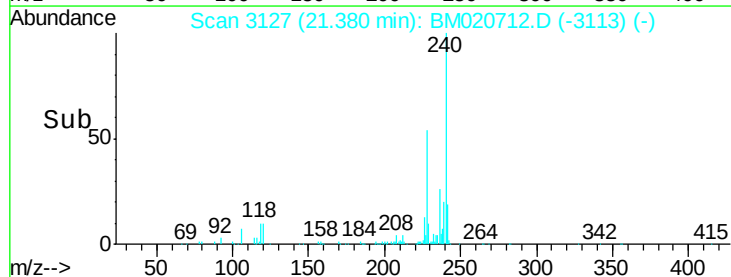
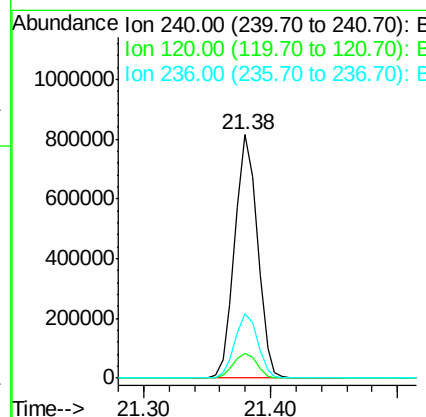
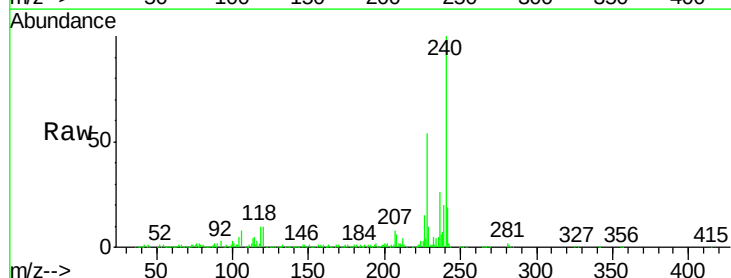
RT: 21.38 min Scan# 3127

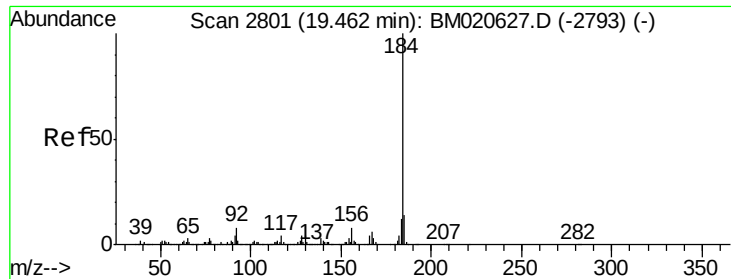
Delta R.T. -0.02 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Tgt	Ion	Ratio	Lower	Upper
240	100			
120	10.4	8.2	12.2	
236	26.4	21.2	31.8	





#77

Benzidine

Concen: 45.763 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

Instrument :

BNA_M

ClientSampleId :

PB119943BSD

Tgt Ion:184 Resp: 1397556

Ion Ratio Lower Upper

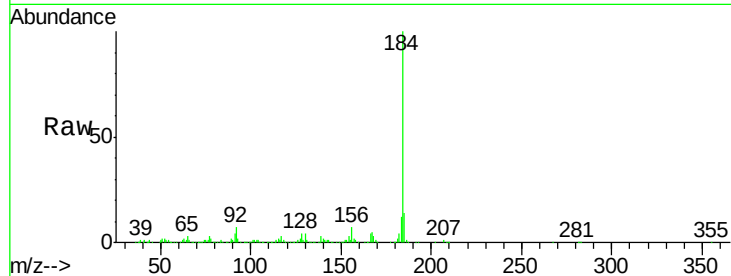
184 100

185 14.4 11.3 16.9

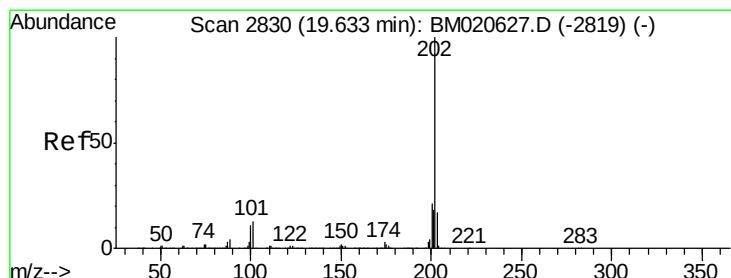
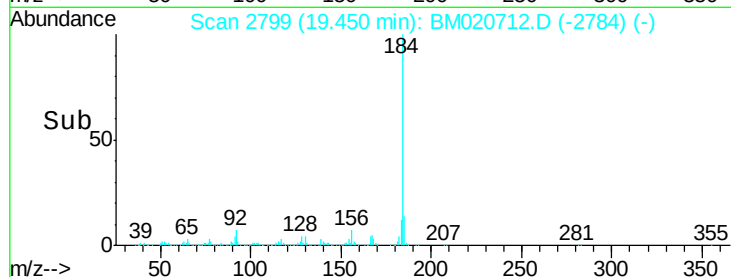
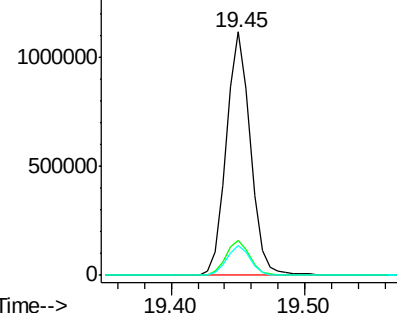
183 12.1 9.8 14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.517 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020712.D

Acq: 04 Jun 2019 20:38

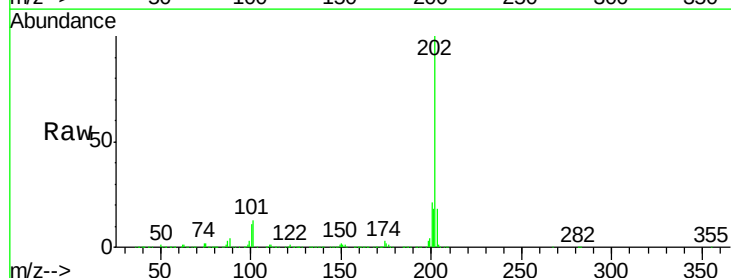
Tgt Ion:202 Resp: 3365668

Ion Ratio Lower Upper

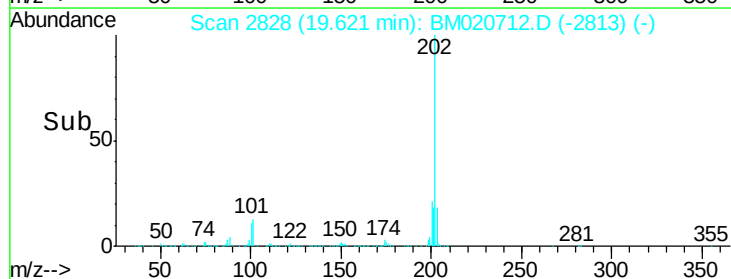
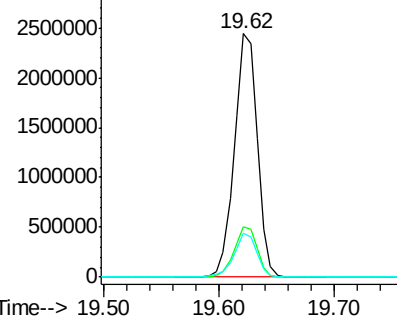
202 100

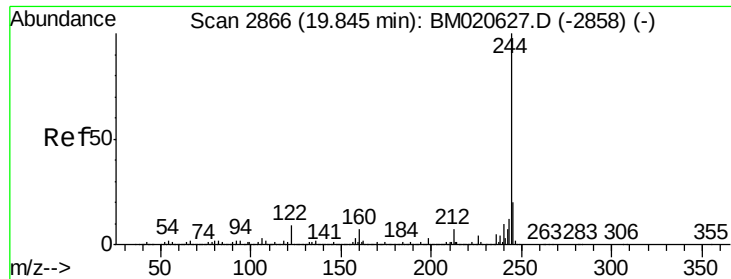
200 20.6 16.8 25.2

203 17.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
3000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





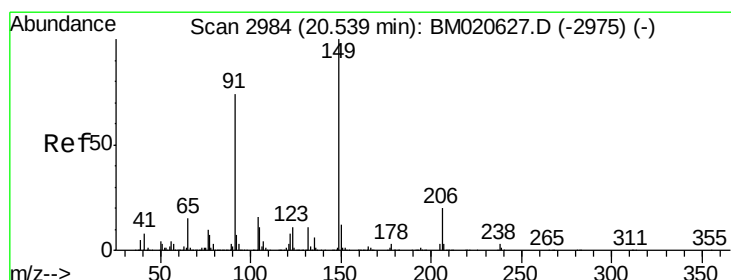
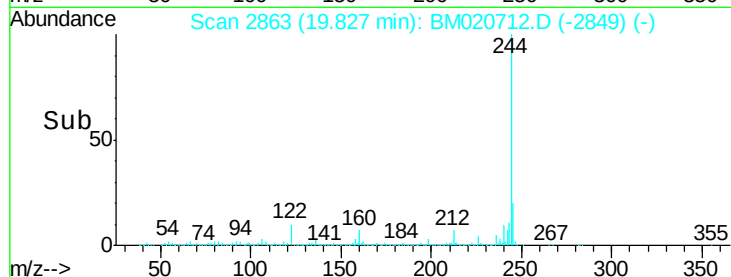
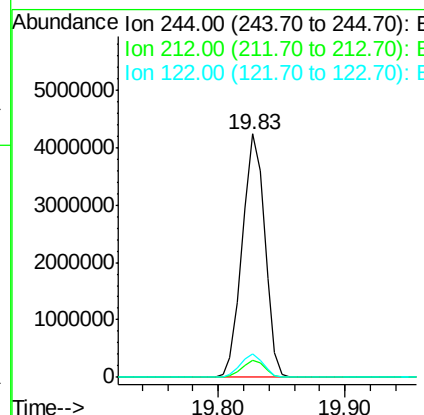
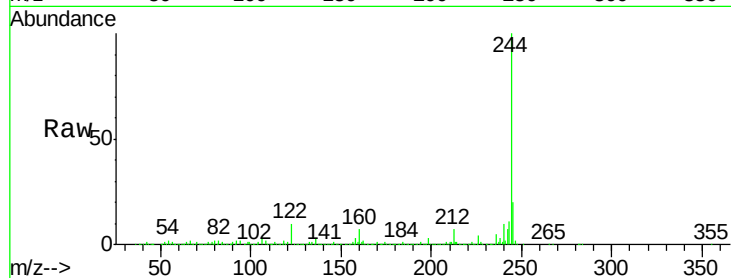
#79
 Terphenyl-d14
 Concen: 86.046 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampled :
 PB119943BSD

Tgt Ion:244 Resp: 5184706
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.5 7.2 10.8

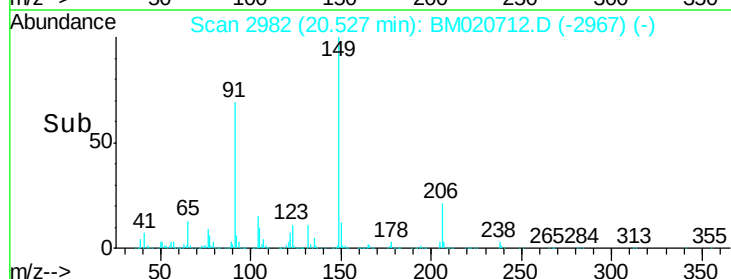
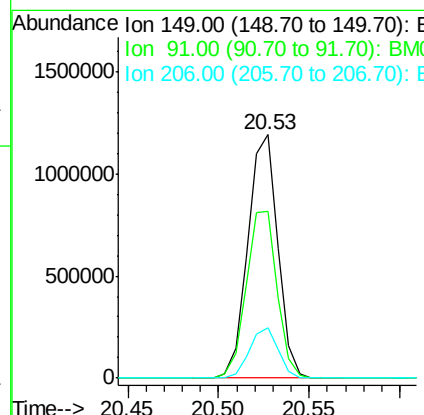
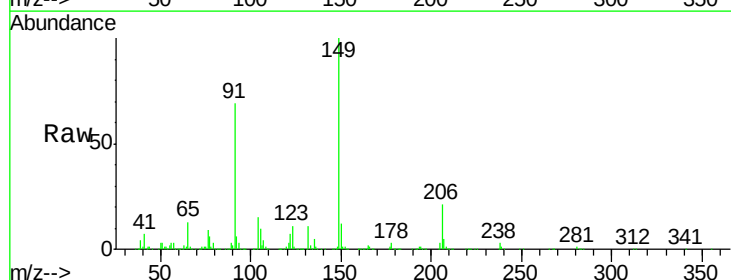
Manual Integrations
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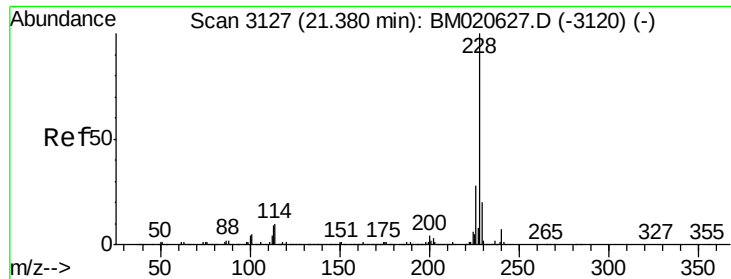
mohammad
 6/5/2019 3:41:38 PM



#80
 Butylbenzylphthalate
 Concen: 41.660 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion:149 Resp: 1361625
 Ion Ratio Lower Upper
 149 100
 91 68.7 59.6 89.4
 206 20.9 15.7 23.5





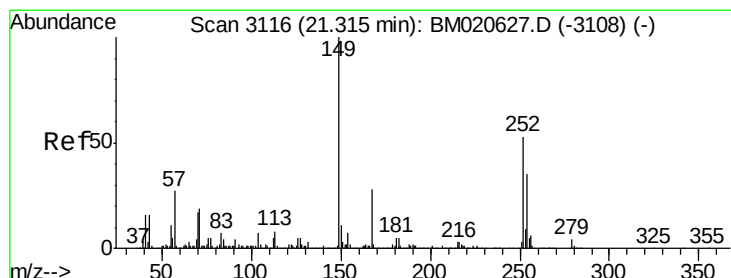
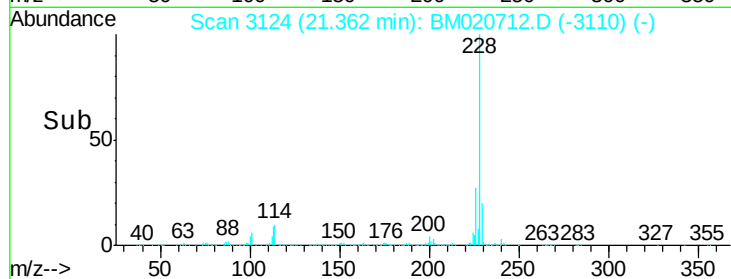
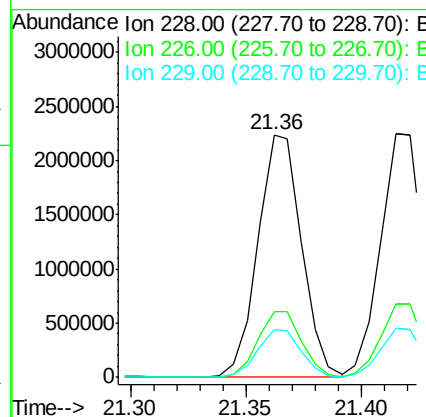
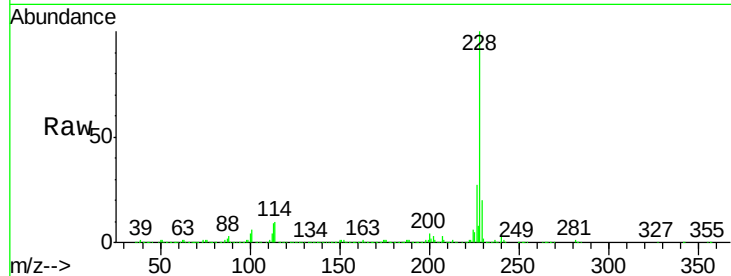
#81
Benzo(a)anthracene
Concen: 42.037 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.9	15.9	23.9

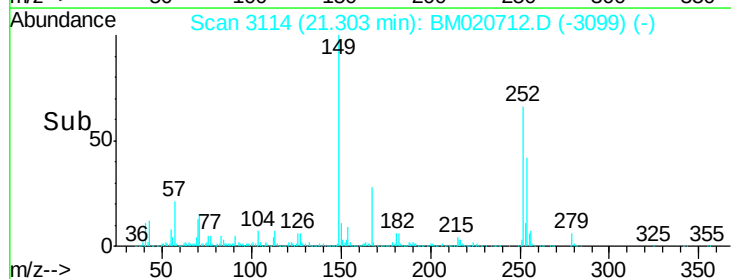
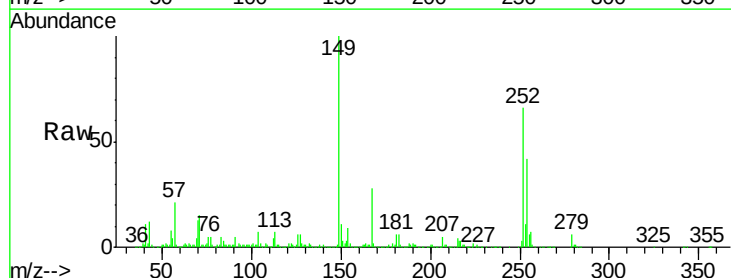
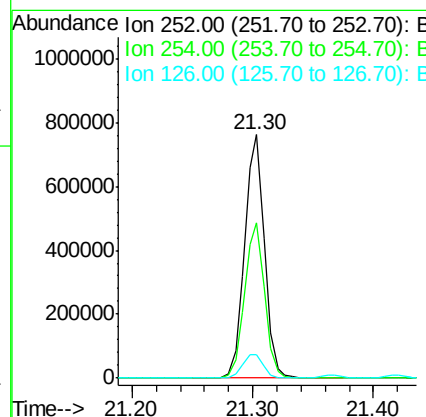
Manual Integrations
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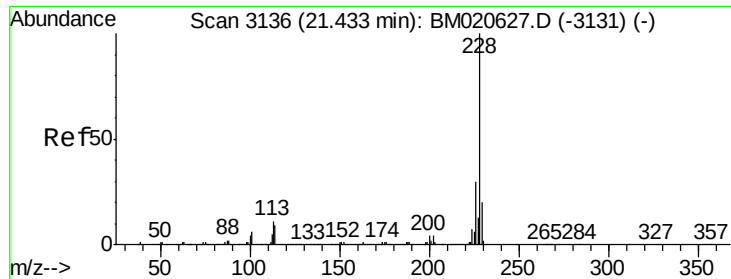
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.967 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	9.7	8.0	12.0





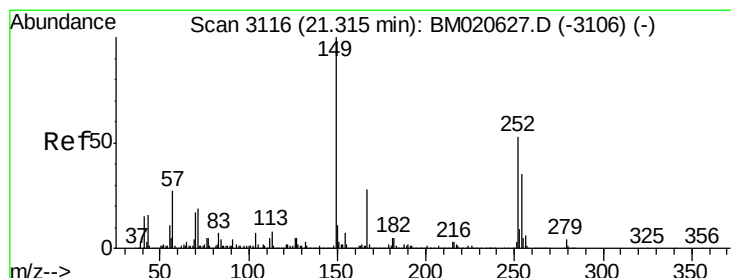
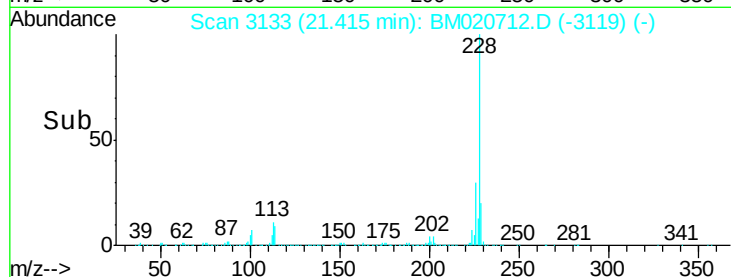
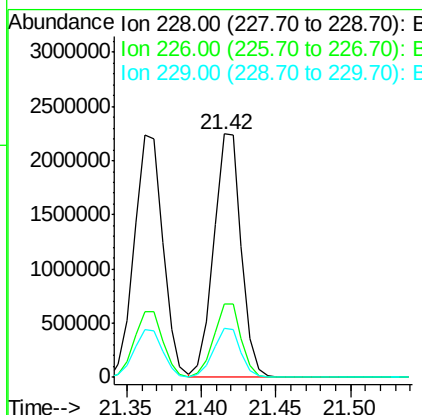
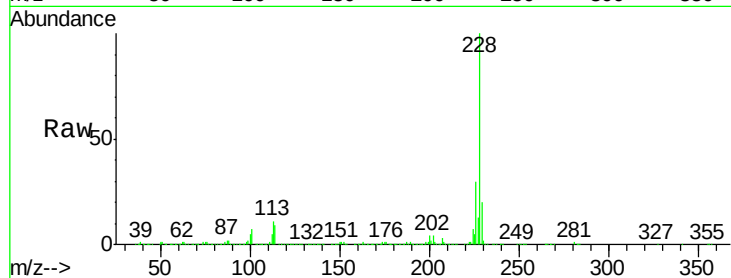
#83
Chrysene
 Concen: 43.253 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Instrument :
 BNA_M
 ClientSampleId :
 PB119943BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.9	15.8	23.6

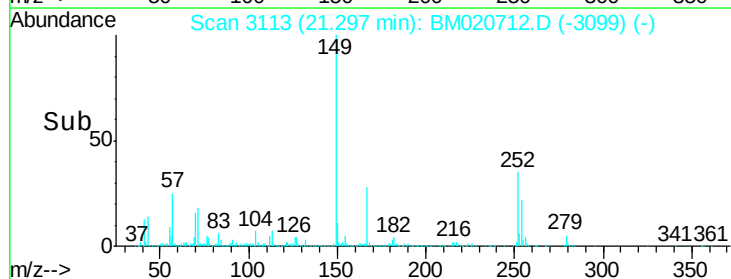
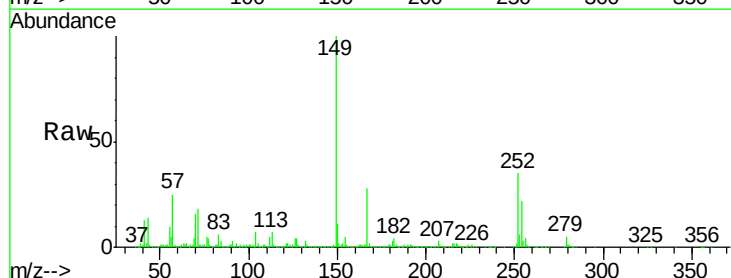
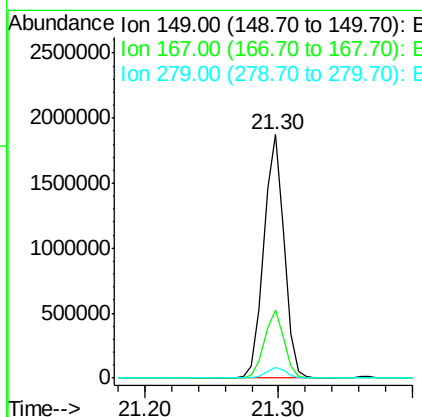
Manual Integrations
APPROVED

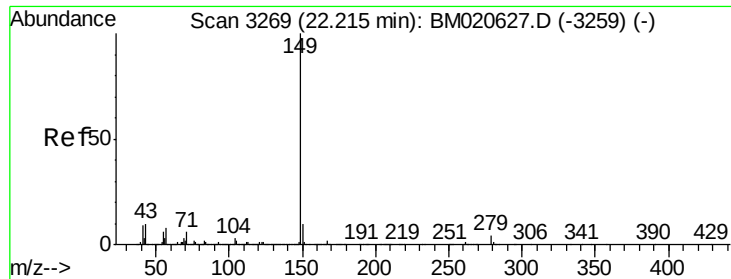
mohammad
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.185 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020712.D
 Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.6	3.4	5.0





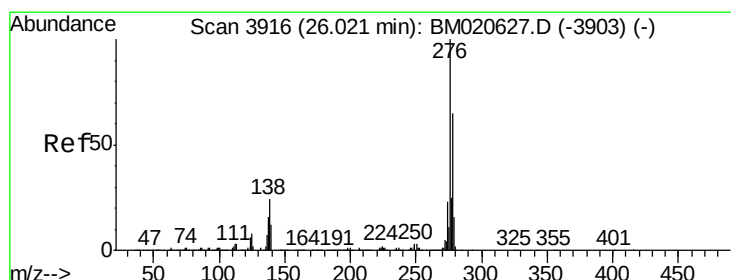
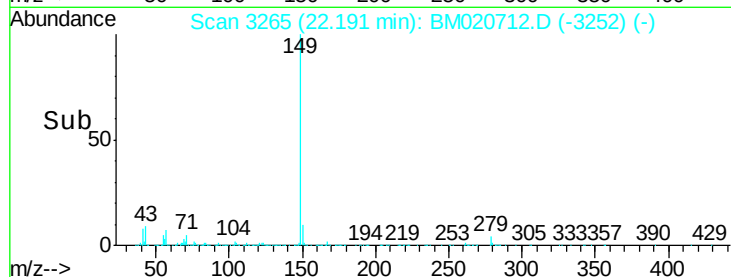
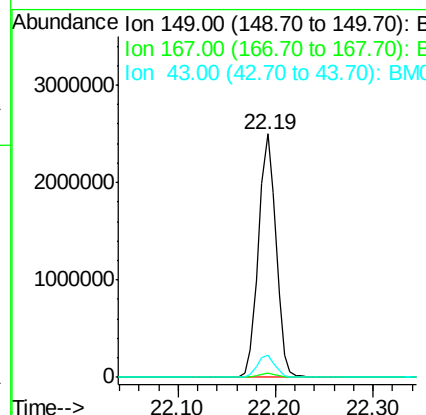
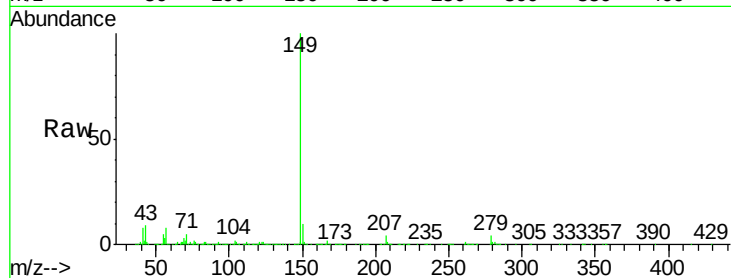
#85
Di-n-octyl phthalate
Concen: 41.529 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	8.2	12.4

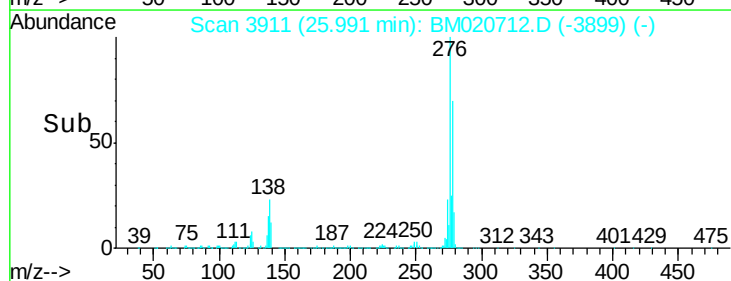
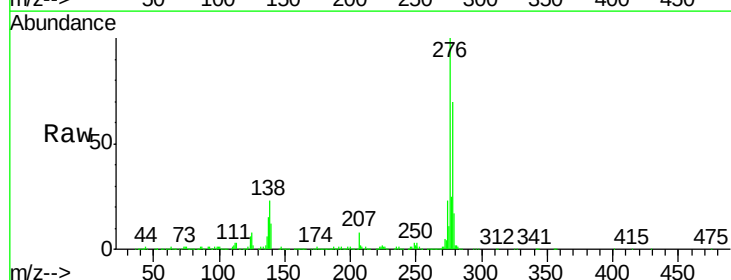
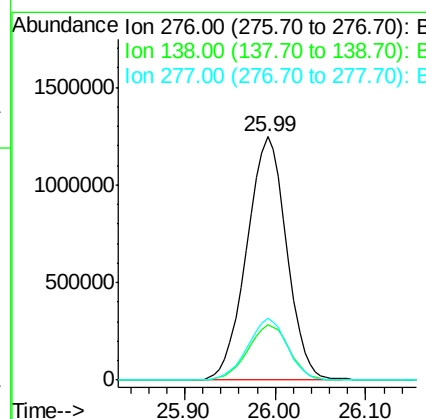
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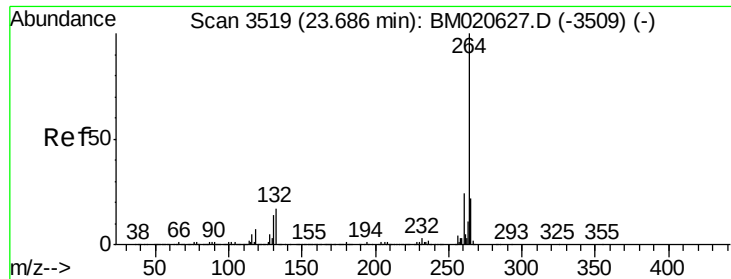
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 55.645 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.8	29.8
277	25.4	20.2	30.4





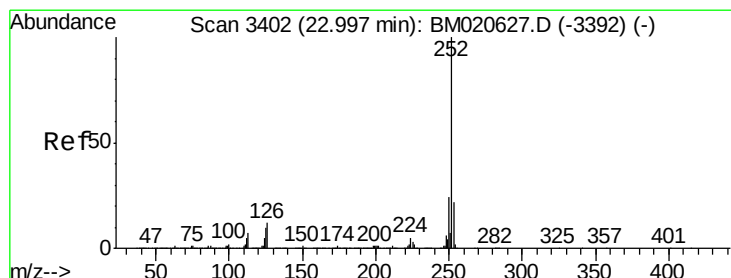
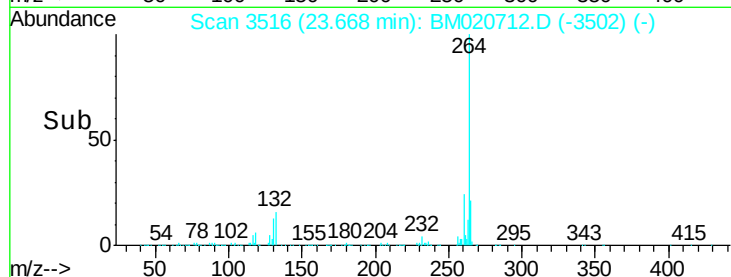
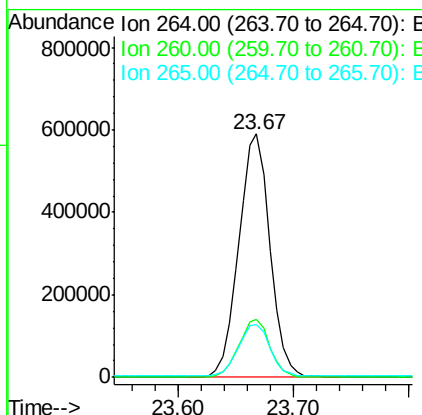
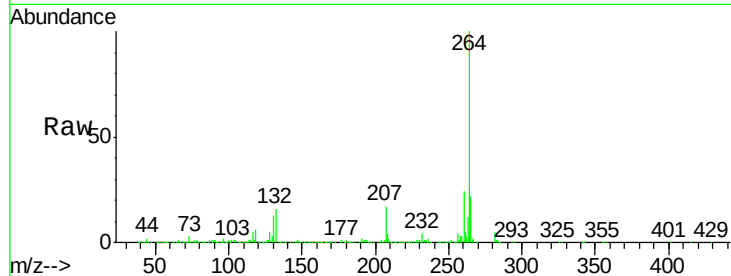
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.6	26.4

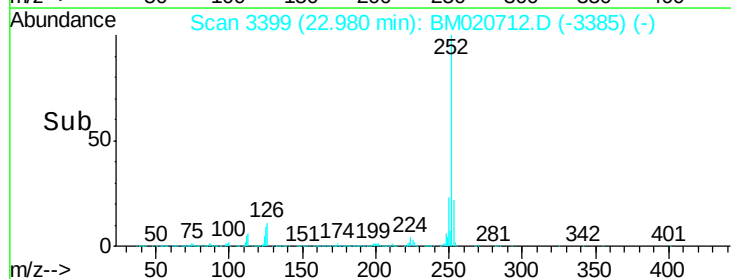
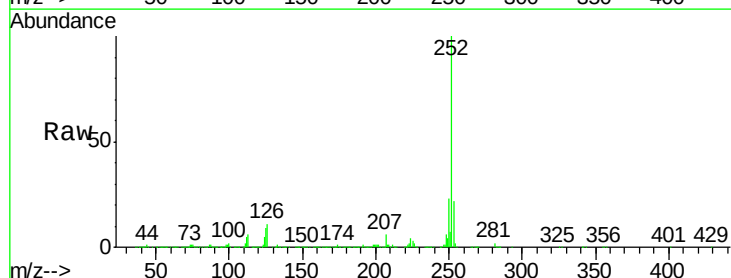
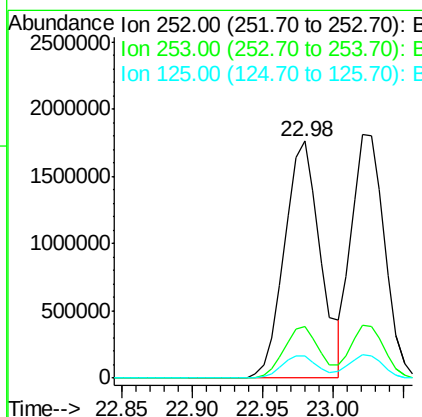
Manual Integrations
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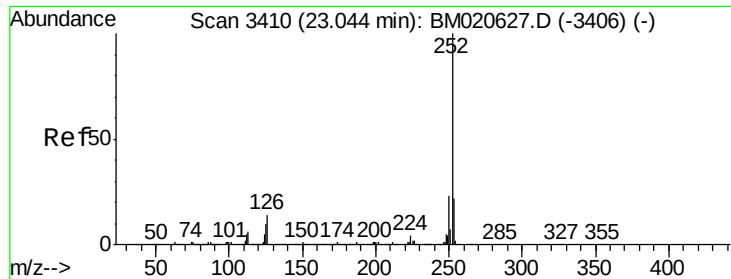
mohammad
6/5/2019 3:41:38 PM



#88
Benzo(b)fluoranthene
Concen: 42.750 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.5	7.8	11.8





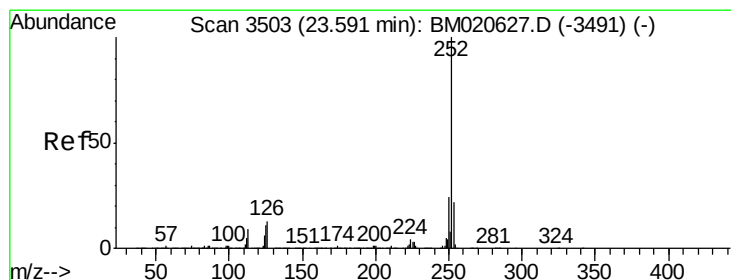
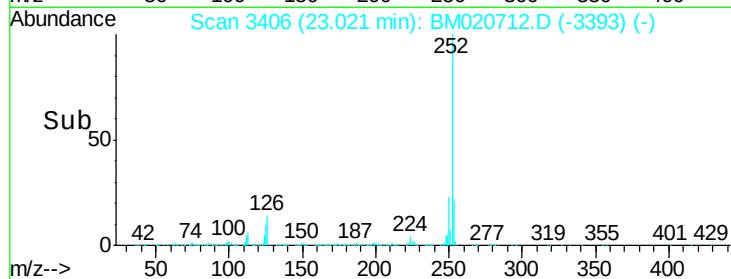
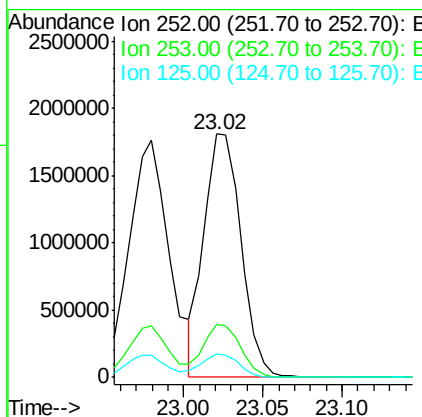
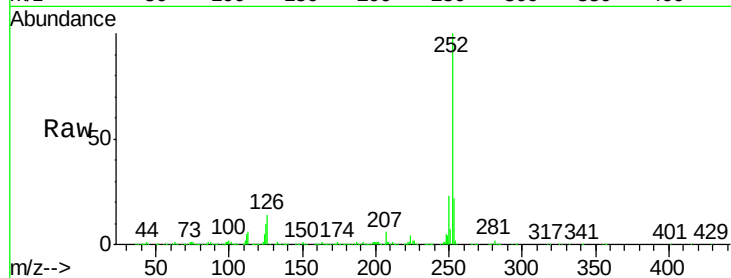
#89
Benzo(k)fluoranthene
Concen: 40.988 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion: 252 Resp: 2937116
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.8 7.8 11.8

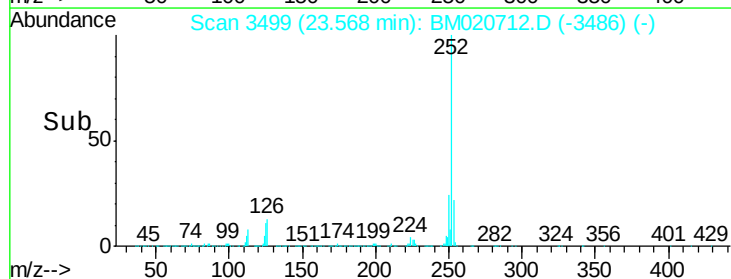
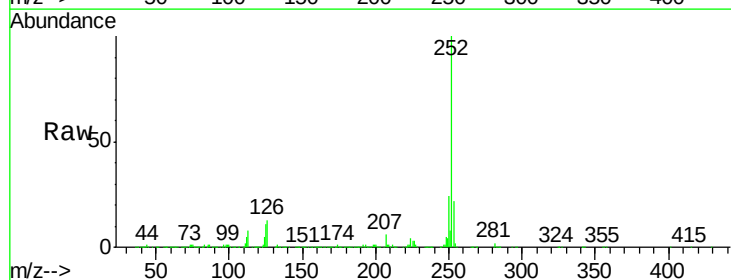
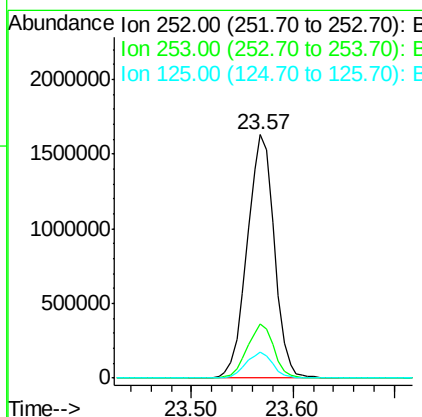
Manual Integrations
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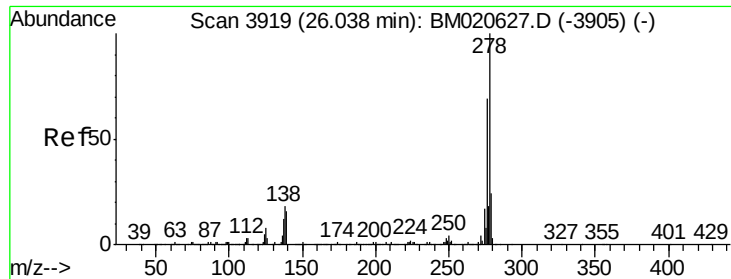
mohammad
6/5/2019 3:41:38 PM



#90
Benzo(a)pyrene
Concen: 45.335 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion: 252 Resp: 3015218
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.6 8.6 13.0





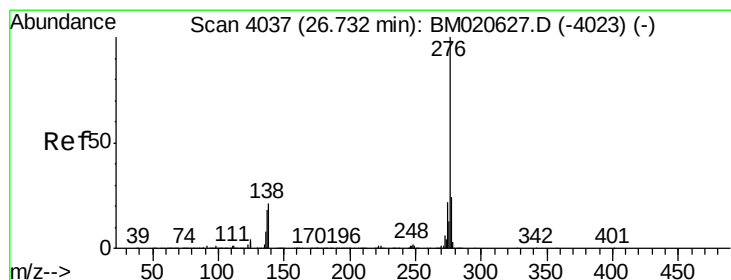
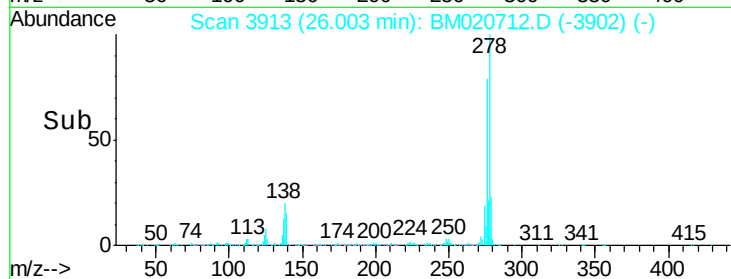
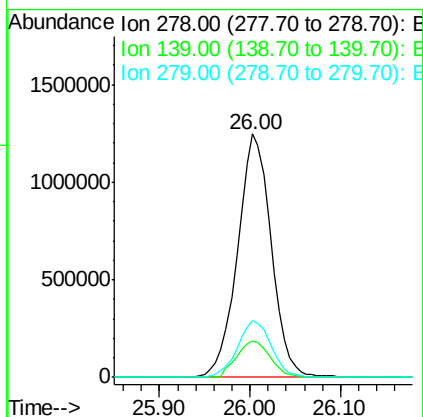
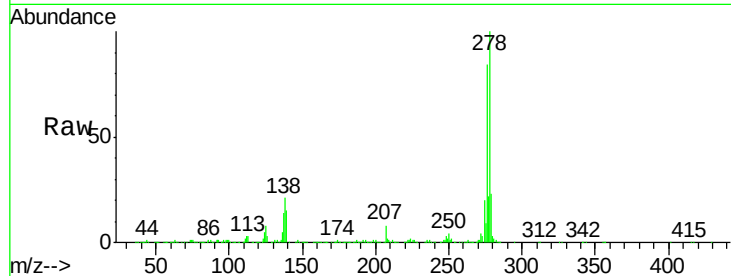
#91
Dibenzo(a,h)anthracene
Concen: 49.747 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Instrument :
BNA_M
ClientSampleId :
PB119943BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	23.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 3:41:38 PM



#92
Benzo(g,h,i)perylene
Concen: 51.556 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020712.D
Acq: 04 Jun 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.6	17.0	25.4

