

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020741.D
 Acq On : 05 Jun 2019 17:58
 Operator : HP/JU
 Sample : PB120321BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:52 AM

Quant Time: Jun 06 03:24:25 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	7.82	152	300472	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1185869	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	626472	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1187022	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	957310	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1112142	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2342480	137.14	ng	-0.01
7) Phenol-d6	6.99	99	3056459	121.52	ng	0.00
23) Nitrobenzene-d5	8.99	82	1854527	81.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1029940	132.69	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4159339	88.27	ng	-0.01
79) Terphenyl-d14	19.83	244	4517310	78.93	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	303554	43.405	ng	95
3) Pyridine	3.74	79	864952	38.873	ng	96
4) n-Nitrosodimethylamine	3.66	42	375265	39.124	ng	92
6) Aniline	7.16	93	1108299	30.454	ng	98
8) 2-Chlorophenol	7.39	128	991645	46.666	ng	98
9) Benzaldehyde	6.97	77	289251	16.110	ng	97
10) Phenol	7.02	94	1212819	44.745	ng	98
11) bis(2-Chloroethyl)ether	7.25	93	881865	40.825	ng	98
12) 1,3-Dichlorobenzene	7.71	146	1025049	41.972	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1051423	42.349	ng	99
14) 1,2-Dichlorobenzene	8.17	146	1006344	41.651	ng	99
15) Benzyl Alcohol	8.06	79	868295	39.023	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1198708	35.943	ng	98
17) 2-Methylphenol	8.26	107	800188	41.983	ng	98
18) Hexachloroethane	8.89	117	380149	39.992	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	729090	36.061	ng	97
20) 3+4-Methylphenols	8.59	107	1062024	40.954	ng	96
22) Acetophenone	8.65	105	1360990	45.178	ng	# 97
24) Nitrobenzene	9.03	77	1065332	45.594	ng	98
25) Isophorone	9.55	82	1897498	41.677	ng	99
26) 2-Nitrophenol	9.73	139	471694	54.166	ng	98
27) 2,4-Dimethylphenol	9.79	122	859050	52.645	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1171922	42.572	ng	99
29) 2,4-Dichlorophenol	10.26	162	888386	49.208	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	981098	47.261	ng	99
31) Naphthalene	10.66	128	2822087	46.278	ng	100
32) Benzoic acid	9.93	122	462138m	45.316	ng	
33) 4-Chloroaniline	10.77	127	456284	16.078	ng	98
34) Hexachlorobutadiene	10.94	225	575057	46.168	ng	98
35) Caprolactam	11.56	113	240636m	38.367	ng	
36) 4-Chloro-3-methylphenol	11.89	107	892590	42.524	ng	99
37) 2-Methylnaphthalene	12.27	142	2035501	45.032	ng	99
38) 1-Methylnaphthalene	12.50	142	1922978	44.679	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1064075	51.830	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1356581	110.484	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	666968	50.471	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	698589	51.205	ng	97
46) 1,1'-Biphenyl	13.29	154	2532002	48.394	ng	99
47) 2-Chloronaphthalene	13.33	162	1967221	46.586	ng	99
48) 2-Nitroaniline	13.54	65	535867	40.431	ng	93
49) Acenaphthylene	14.18	152	3063409	46.494	ng	100
50) Dimethylphthalate	13.92	163	2293274	42.847	ng	100
51) 2,6-Dinitrotoluene	14.04	165	494111	45.466	ng	91
52) Acenaphthene	14.52	154	1771913	45.127	ng	99
53) 3-Nitroaniline	14.37	138	298773	24.630	ng	97
54) 2,4-Dinitrophenol	14.57	184	398087	84.679	ng	90
55) Dibenzofuran	14.86	168	2765658	45.351	ng	98
56) 4-Nitrophenol	14.67	139	749596	83.858	ng	90
57) 2,4-Dinitrotoluene	14.83	165	644175	44.269	ng	92
58) Fluorene	15.51	166	2184264	43.554	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	583140	49.052	ng	97
60) Diethylphthalate	15.29	149	2227540	40.353	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1146159	43.164	ng	95
62) 4-Nitroaniline	15.53	138	452154	35.146	ng	95
63) Azobenzene	15.80	77	2089656	39.486	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	246991	46.148	ng	93
66) n-Nitrosodiphenylamine	15.72	169	1853082	48.766	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	672154	48.094	ng	95
68) Hexachlorobenzene	16.50	284	775648	47.528	ng	94
69) Atrazine	16.67	200	582324	51.346	ng	100
70) Pentachlorophenol	16.85	266	857403	110.127	ng	100
71) Phenanthrene	17.24	178	3065627	45.562	ng	100
72) Anthracene	17.34	178	3144591	46.695	ng	99
73) Carbazole	17.61	167	2638198	43.170	ng	100
74) Di-n-butylphthalate	18.17	149	3205257	40.404	ng	99
75) Fluoranthene	19.26	202	3184319	42.557	ng	99
77) Benzidine	19.45	184	1301308	44.861	ng	100
78) Pyrene	19.62	202	3212945	43.736	ng	100
80) Butylbenzylphthalate	20.52	149	1214319	39.114	ng	96
81) Benzo(a)anthracene	21.37	228	2922874	43.844	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	856789	35.097	ng	98
83) Chrysene	21.42	228	2909564	45.914	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1683531	37.312	ng	99
85) Di-n-octyl phthalate	22.19	149	2744412	38.311	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4127036	63.659	ng	98
88) Benzo(b)fluoranthene	22.98	252	3214871	43.736	ng	99
89) Benzo(k)fluoranthene	23.03	252	3107183	43.255	ng	99
90) Benzo(a)pyrene	23.57	252	3176356	47.640	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3468604	53.623	ng	98
92) Benzo(g,h,i)perylene	26.70	276	3379393	56.246	ng	98

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

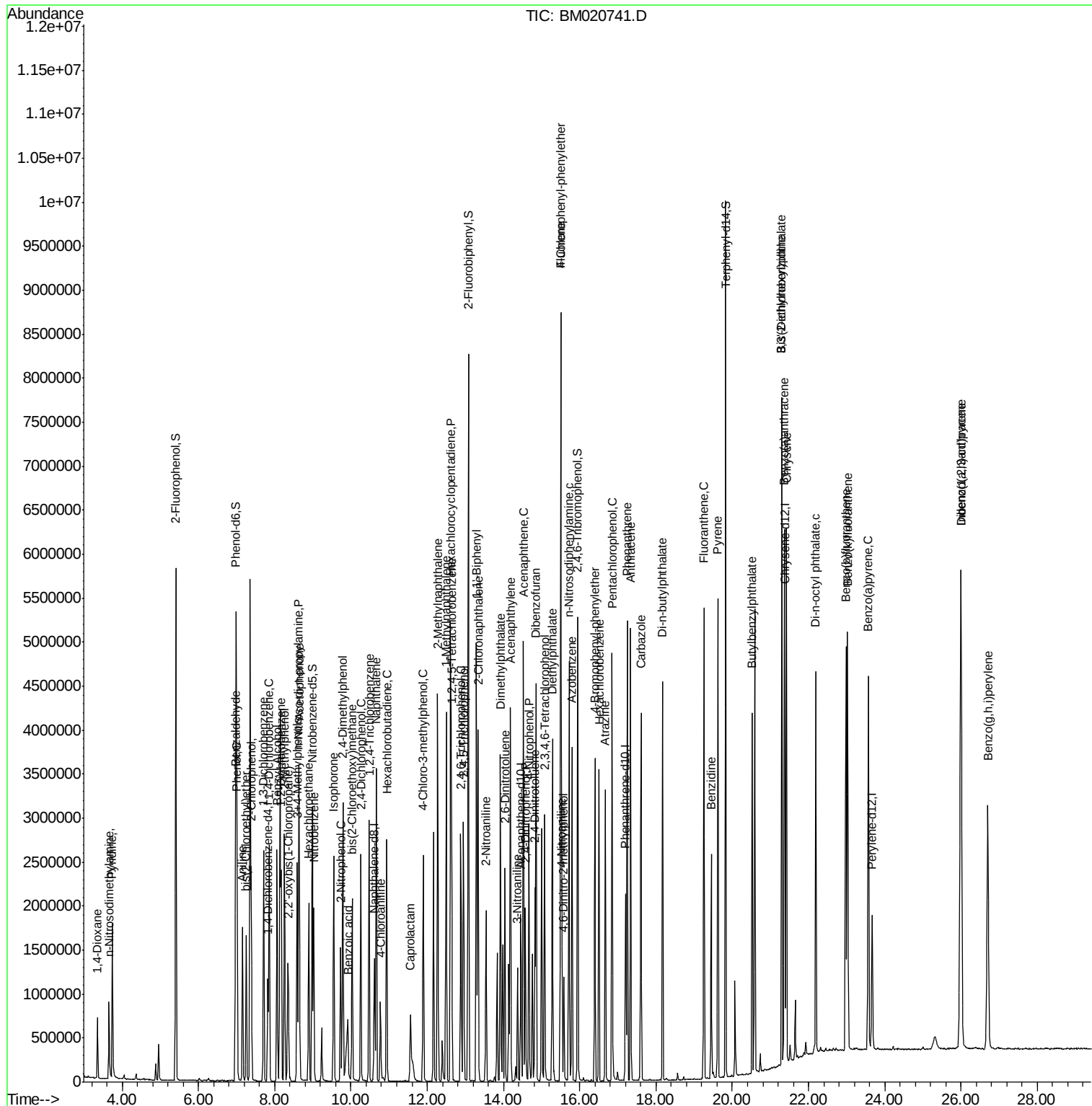
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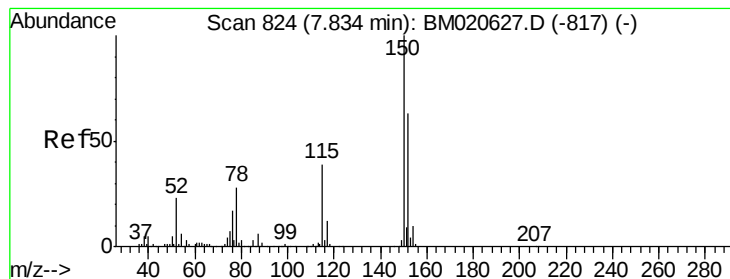
Instrument :
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#1

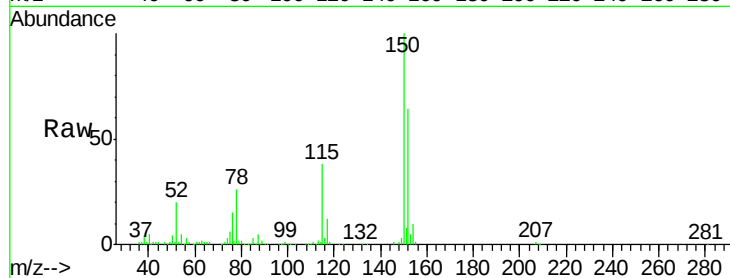
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

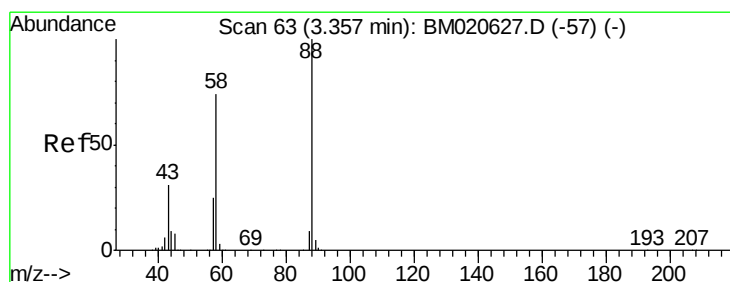
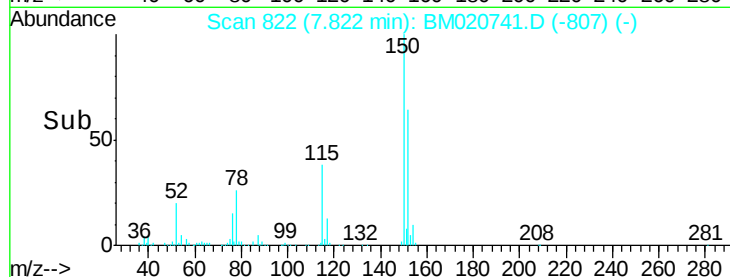
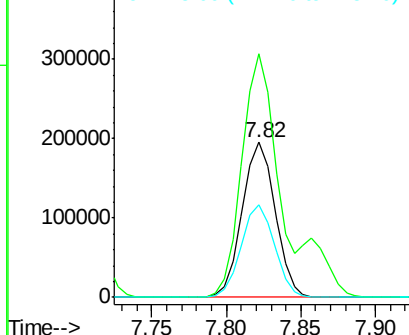
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	59.4	49.6	74.4

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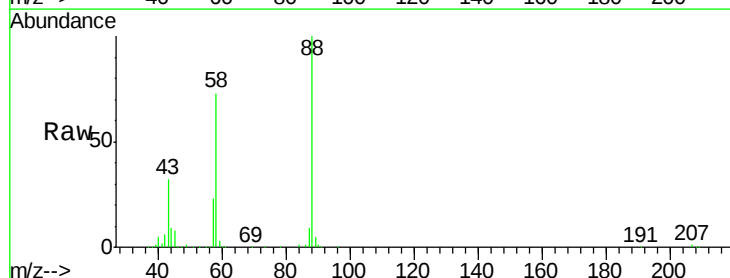
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



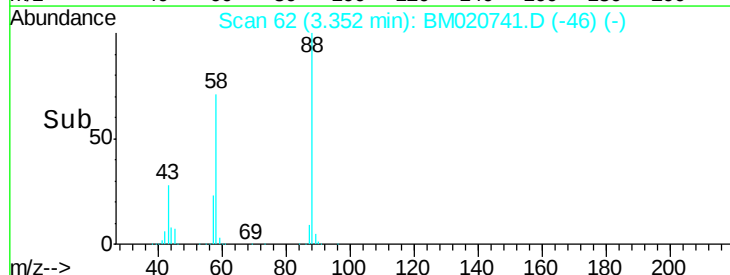
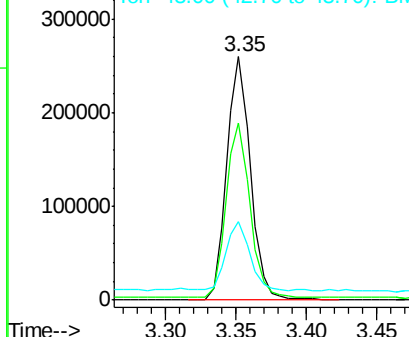
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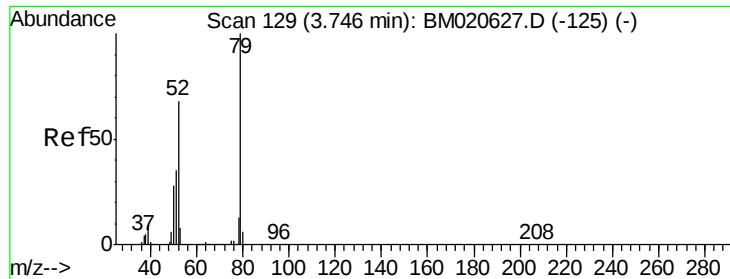
1,4-Dioxane
Concen: 43.405 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	60.2	90.4
43	28.0	25.3	37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 38.873 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

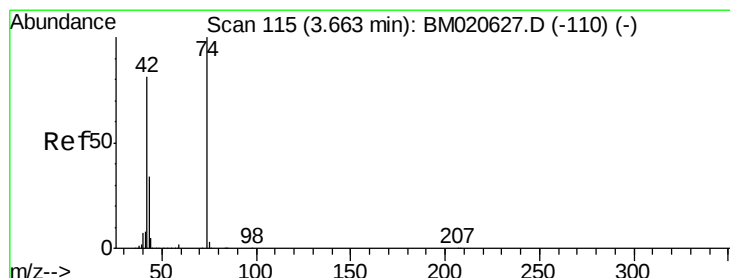
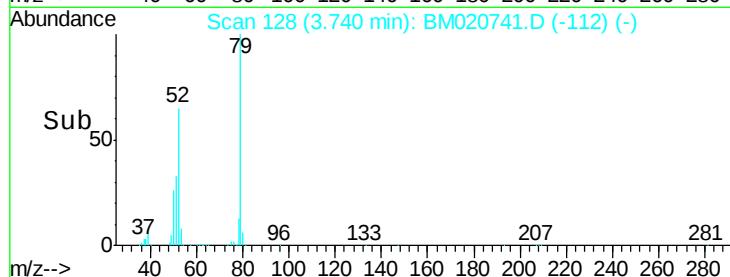
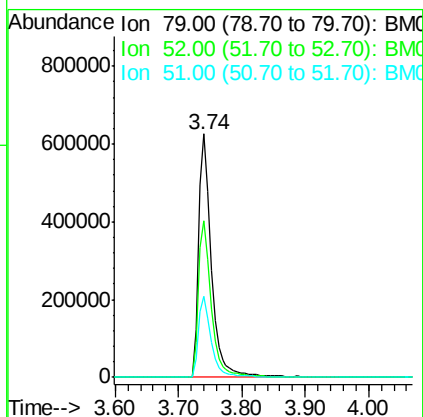
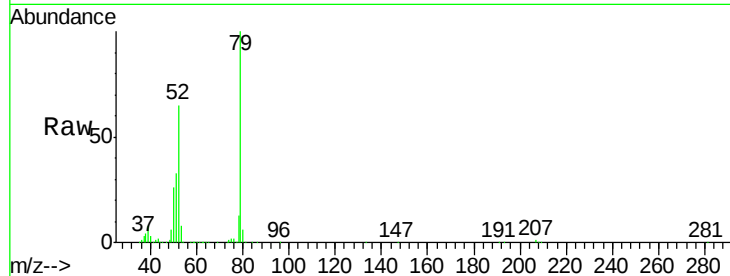
ClientSampleId :

PB120321BS

Tot Ion:	79	Resp:	864952
Ion	Ratio	Lower	Upper
79	100		
52	64.6	54.1	81.1
51	33.1	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 39.124 ng

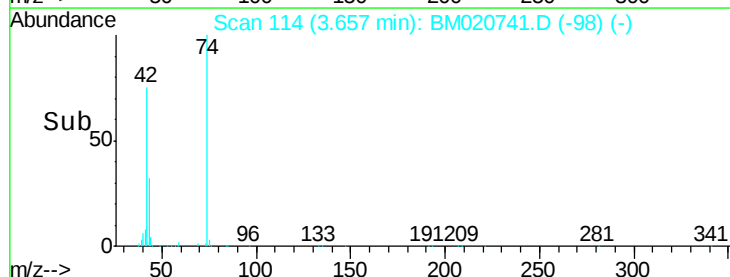
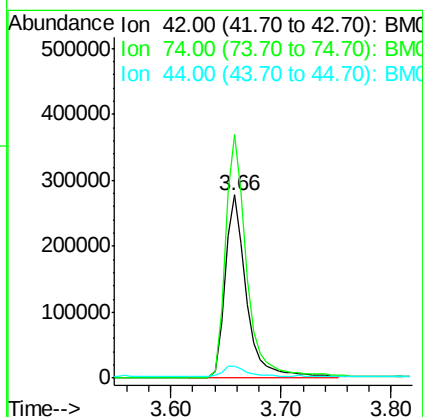
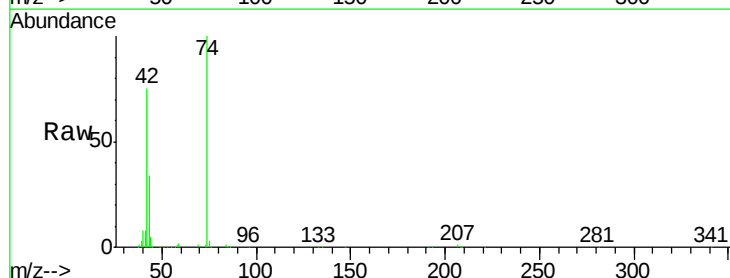
RT: 3.66 min Scan# 114

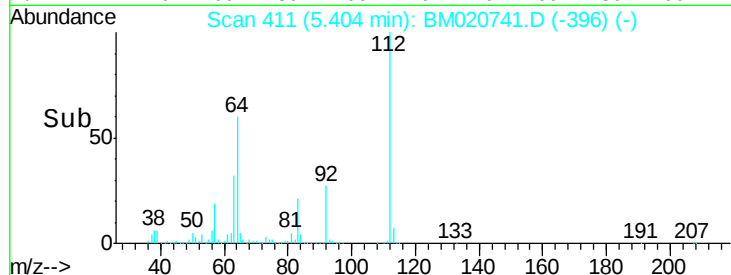
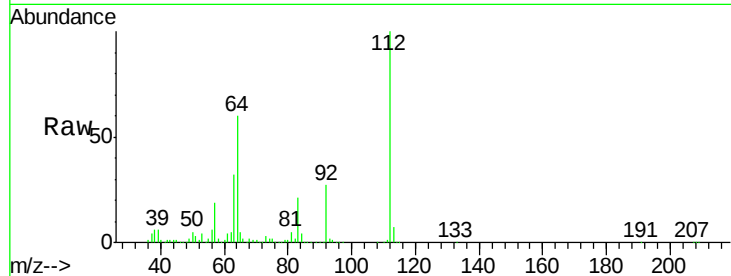
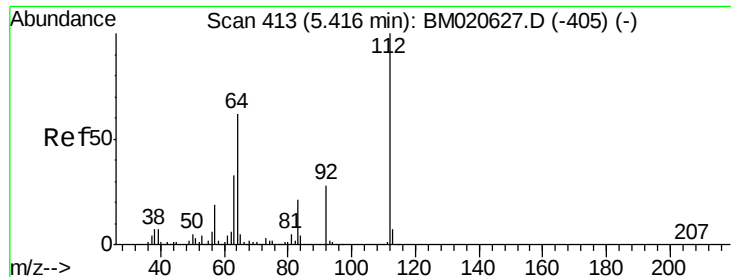
Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:	42	Resp:	375265
Ion	Ratio	Lower	Upper
42	100		
74	133.1	99.4	149.0
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 137.137 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tot Ion:	112	Resp:	2342480
Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.7	74.5
63	32.1	26.4	39.6

Instrument :

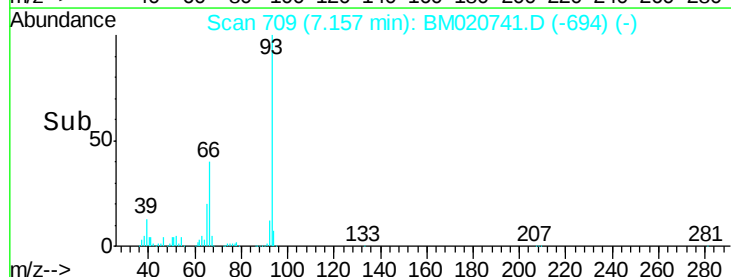
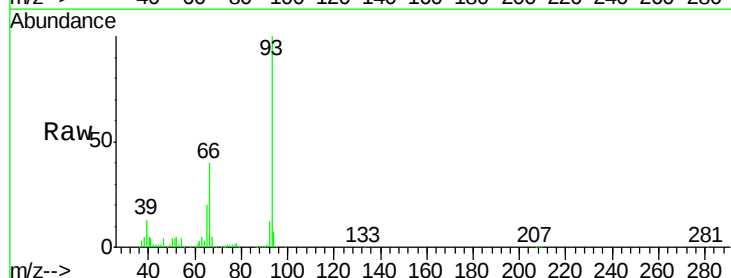
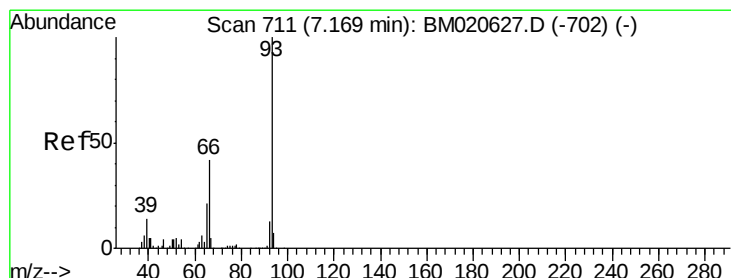
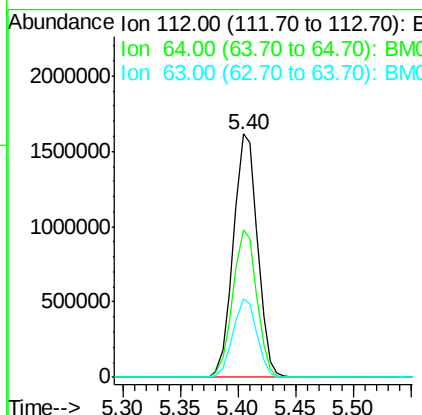
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#6

Aniline

Concen: 30.454 ng

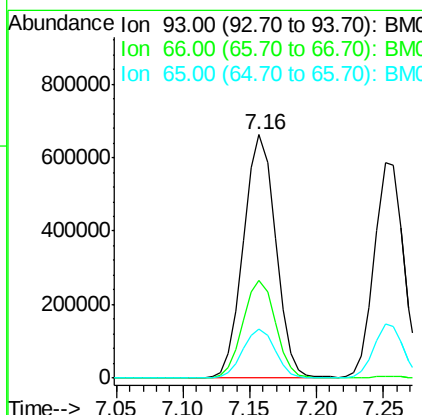
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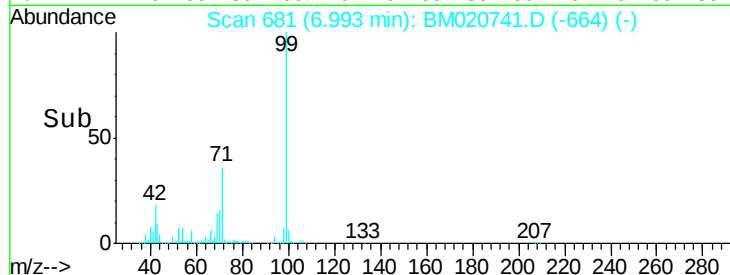
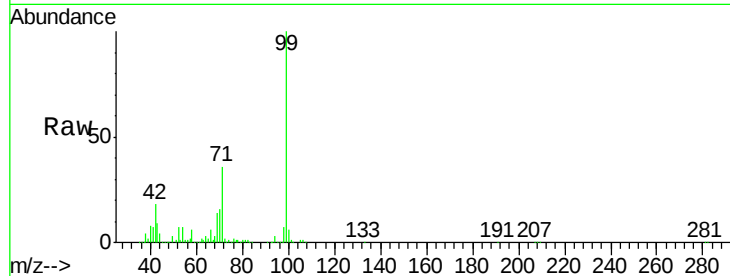
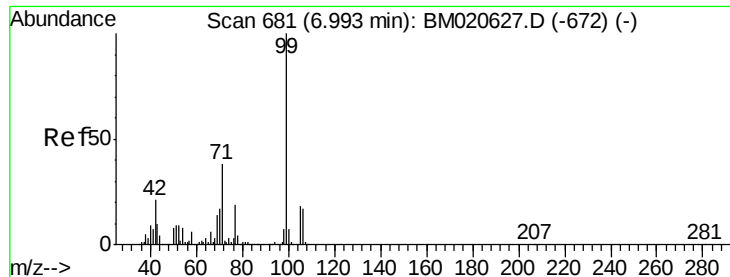
Delta R.T. -0.01 min

Lab File: BM020741.D

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Tgt Ion:	93	Resp:	1108299
Ion	Ratio	Lower	Upper
93	100		
66	40.4	33.6	50.4
65	20.1	16.7	25.1





#7

Phenol-d6

Concen: 121.521 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tot Ion:	99	Resp:	3056459
Ion	Ratio	Lower	Upper
99	100		
42	18.1	16.5	24.7
71	36.3	30.7	46.1

Instrument :

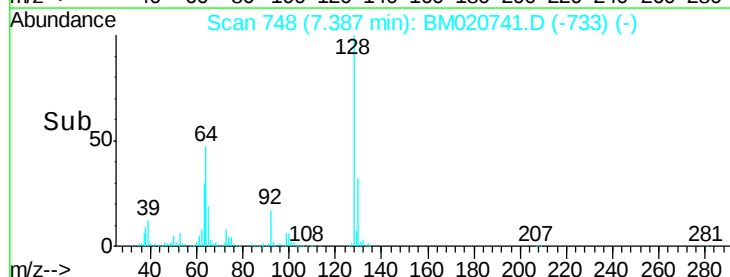
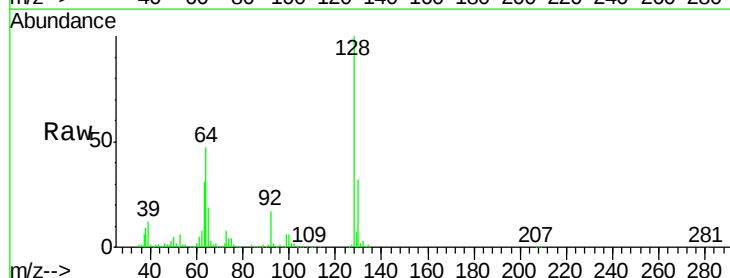
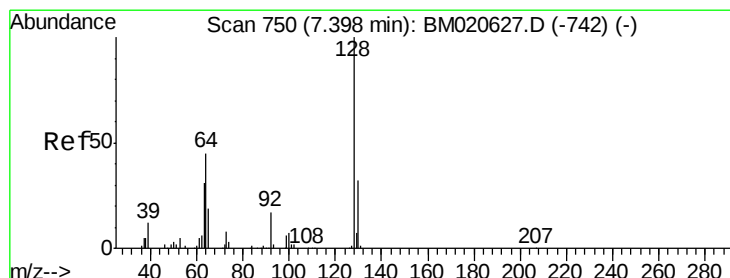
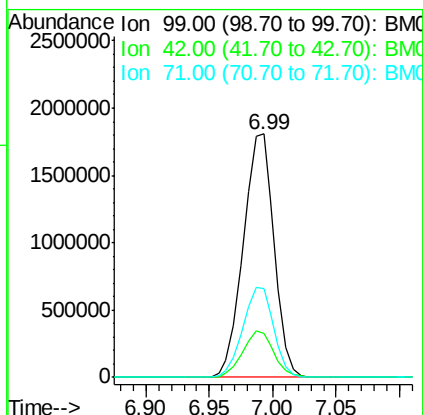
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#8

2-Chlorophenol

Concen: 46.666 ng

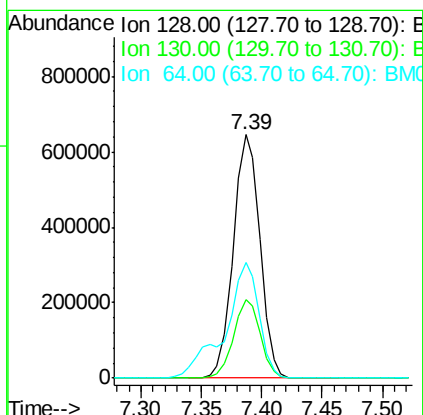
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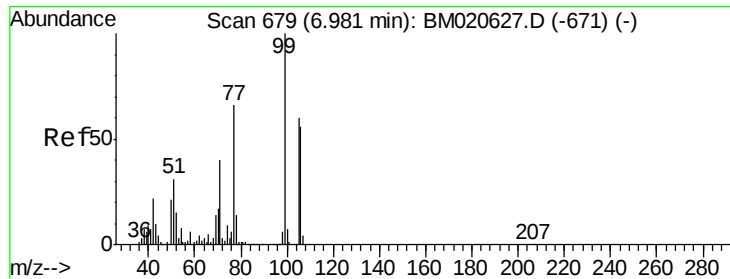
Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:	128	Resp:	991645
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	47.3	29.1	69.1





#9

Benzaldehyde

Concen: 16.110 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

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Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

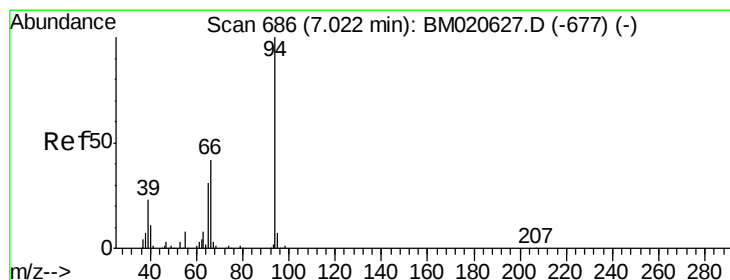
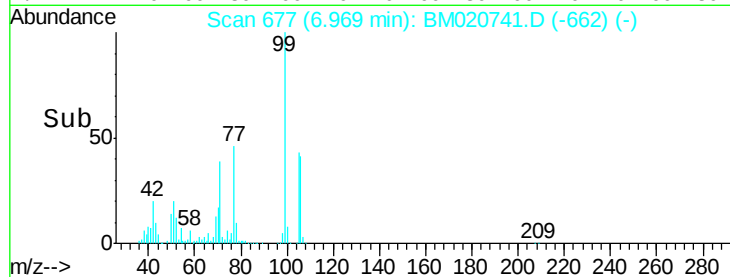
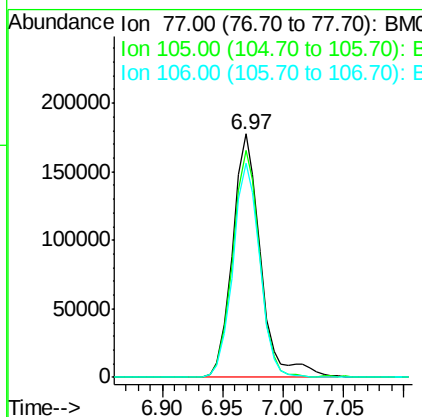
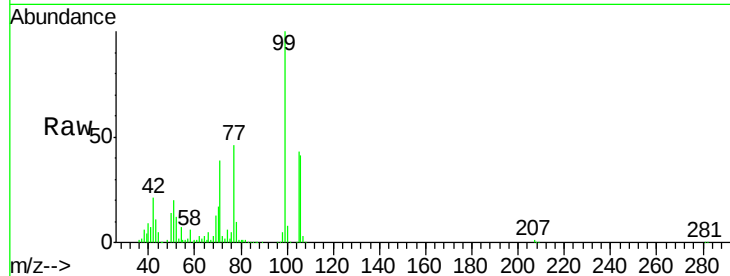
ClientSampleId :

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Tot Ion:	77	Resp:	289251
Ion	Ratio	Lower	Upper
77	100		
105	93.2	70.6	110.6
106	88.1	64.9	104.9

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#10

Phenol

Concen: 44.745 ng

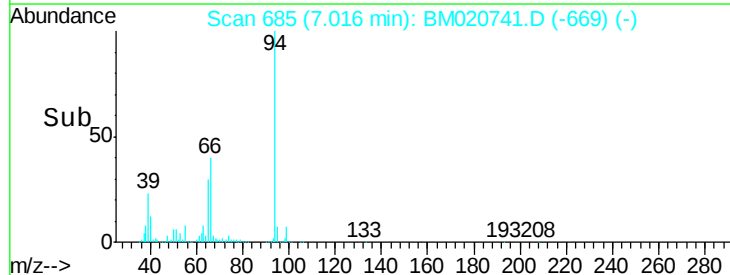
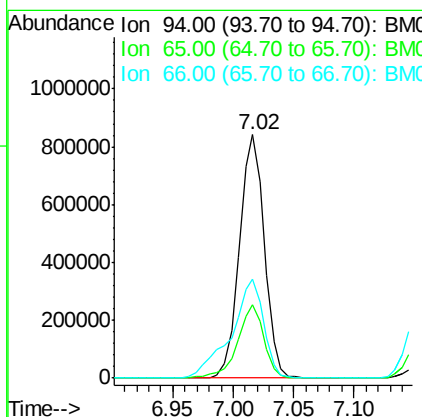
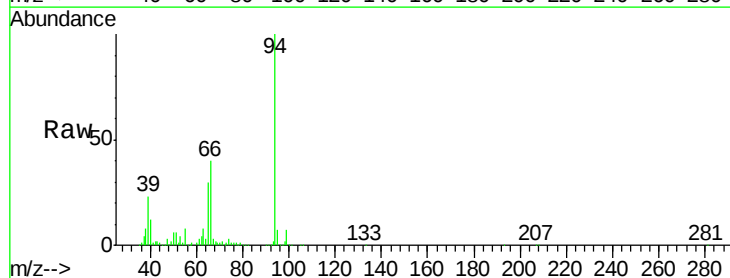
RT: 7.02 min Scan# 685

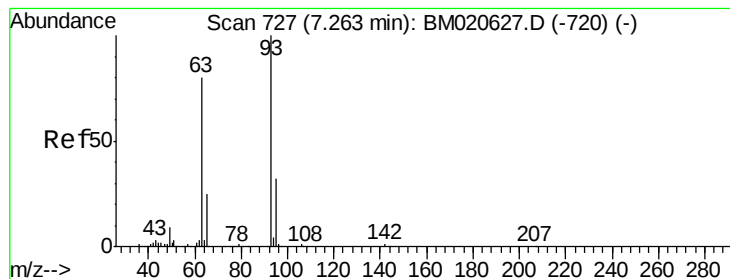
Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:	94	Resp:	1212819
Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.7	50.7
66	40.4	22.3	62.3





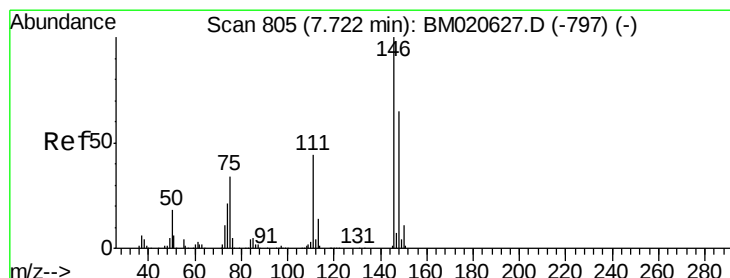
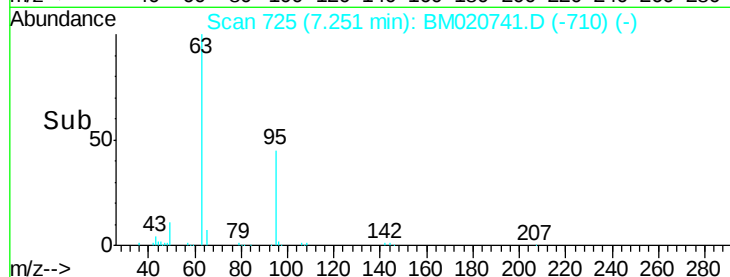
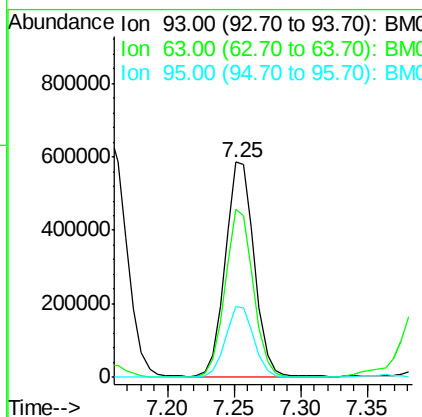
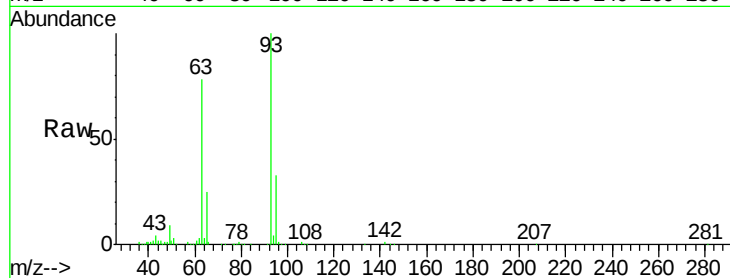
#11
bis(2-Chloroethyl)ether
Concen: 40.825 ng
RT: 7.25 min Scan# 725
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	881865		
63	78.4	60.0	100.0	
95	32.7	12.2	52.2	

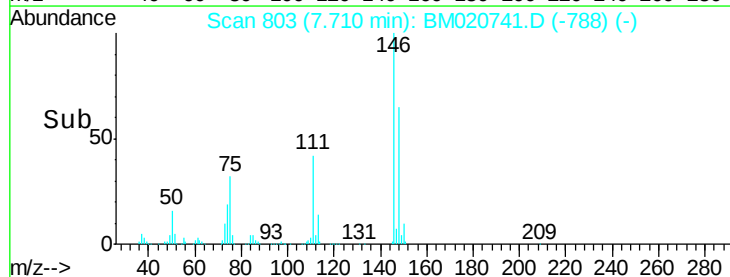
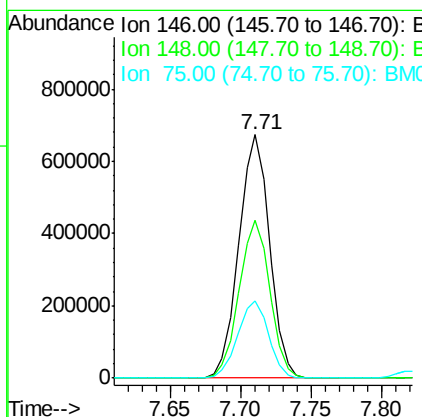
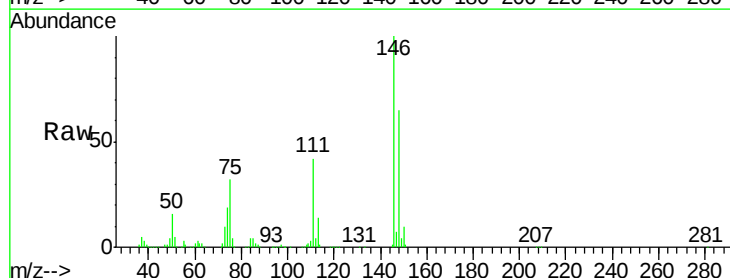
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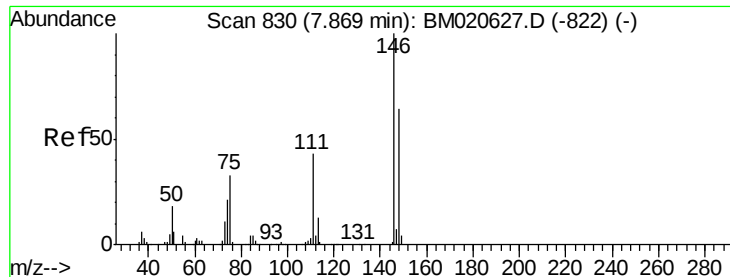
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#12
1,3-Dichlorobenzene
Concen: 41.972 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1025049		
148	64.7	52.0	78.0	
75	31.9	27.0	40.4	





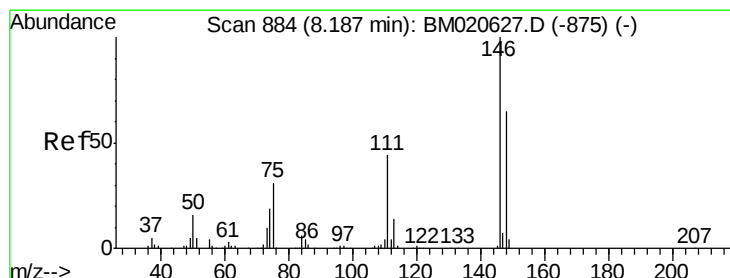
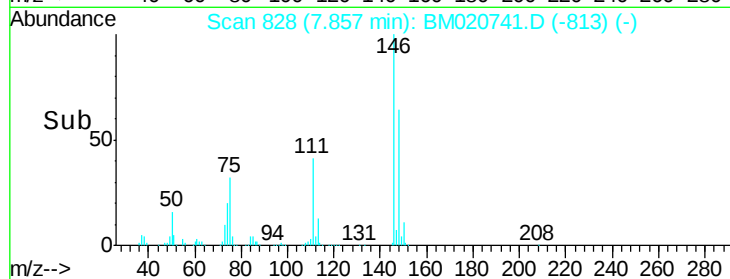
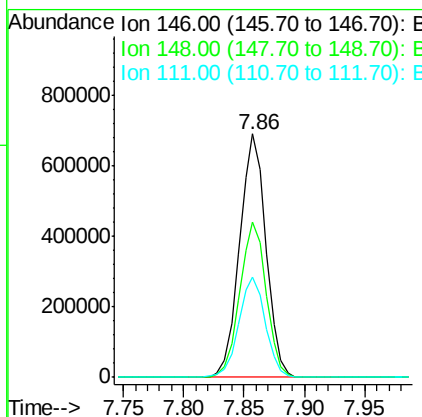
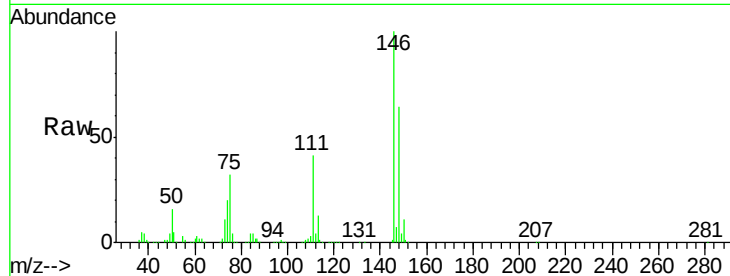
#13
 1,4-Dichlorobenzene
 Concen: 42.349 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
111	41.0	34.4	51.6

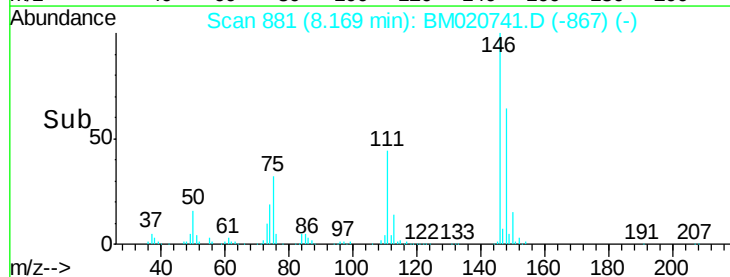
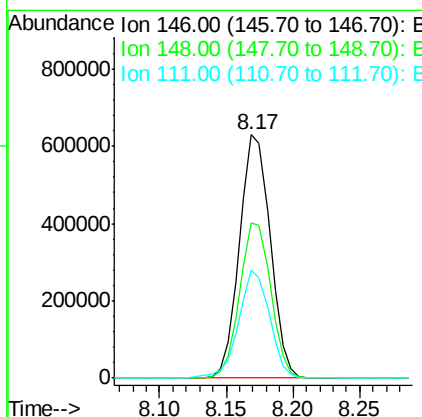
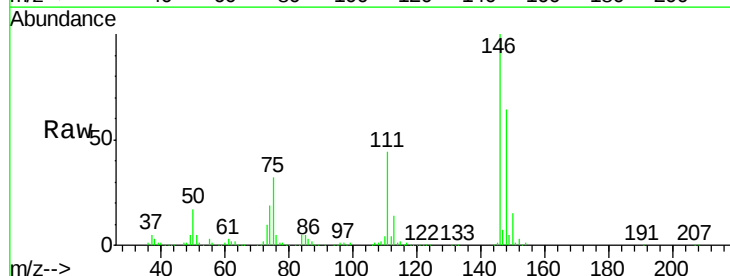
Manual Integrations
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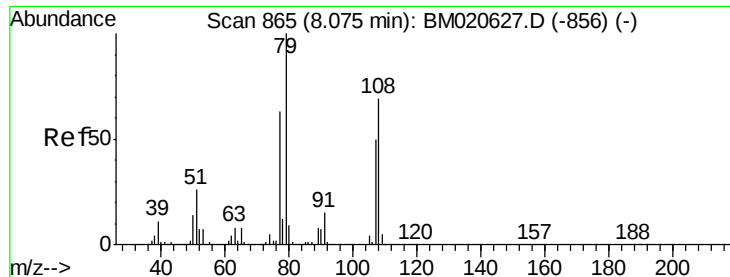
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#14
 1,2-Dichlorobenzene
 Concen: 41.651 ng
 RT: 8.17 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	44.3	35.1	52.7





#15

Benzyl Alcohol

Concen: 39.023 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

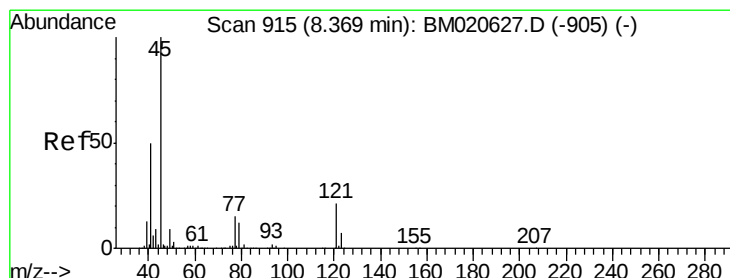
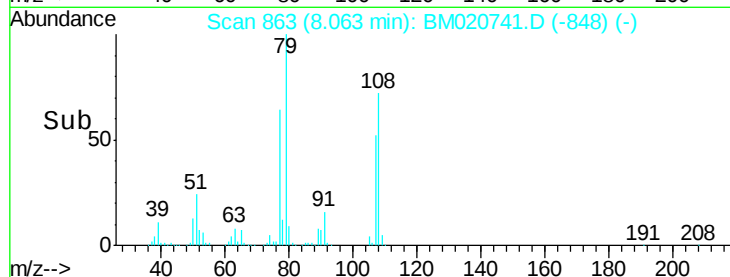
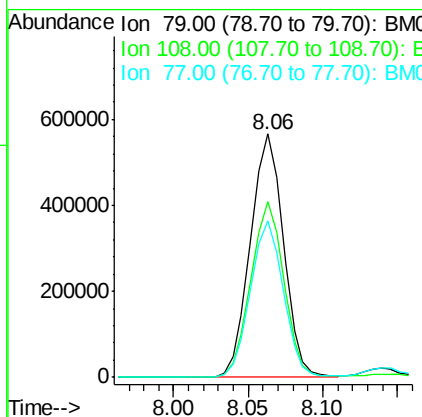
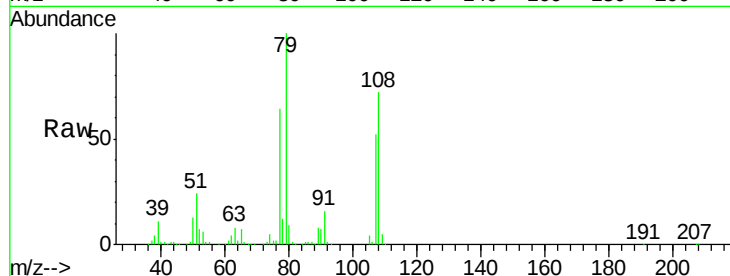
ClientSampleId :

PB120321BS

Tot Ion:	79	Resp:	868295
Ion Ratio	Lower	Upper	
79	100		
108	72.3	54.9	82.3
77	64.1	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.943 ng

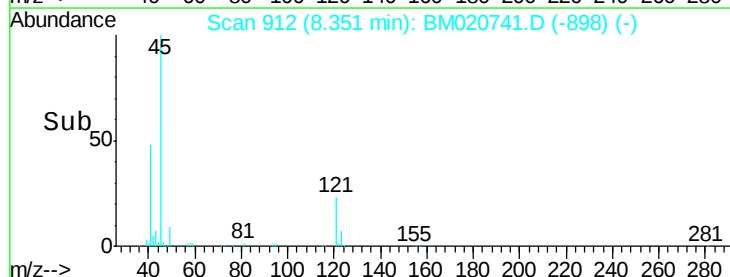
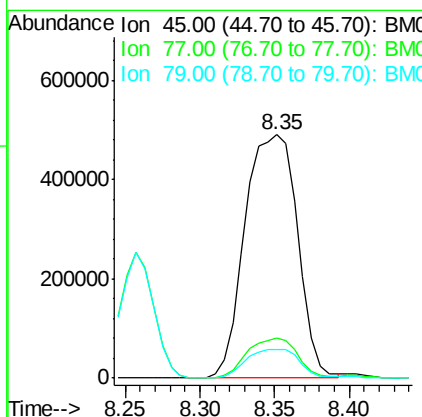
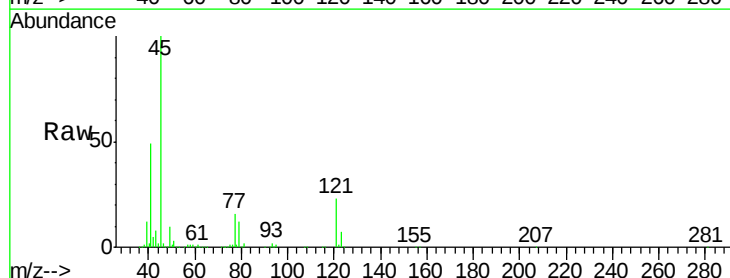
RT: 8.35 min Scan# 912

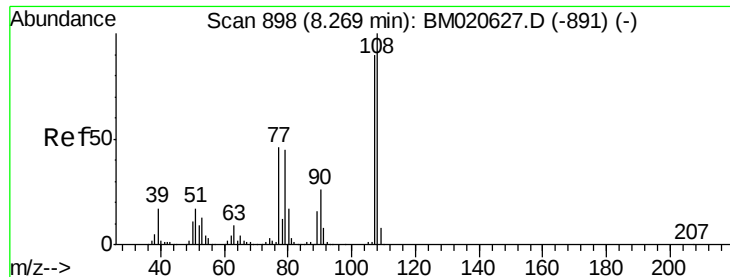
Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:	45	Resp:	1198708
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	34.9
79	11.9	0.0	31.8





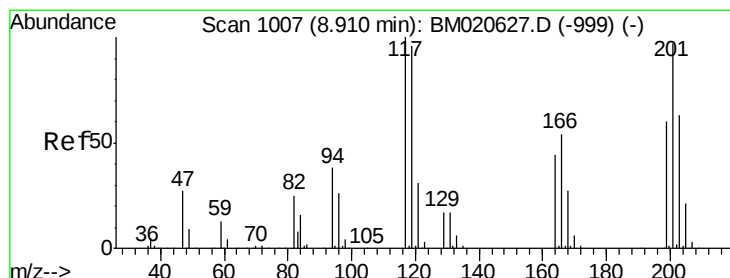
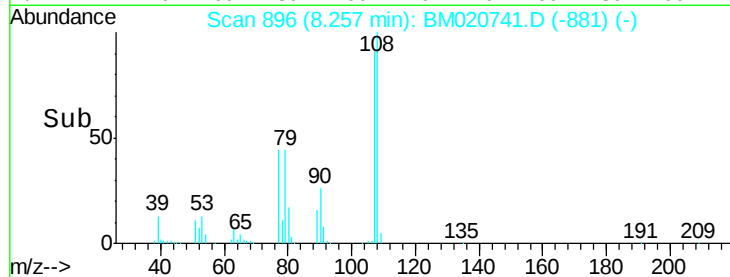
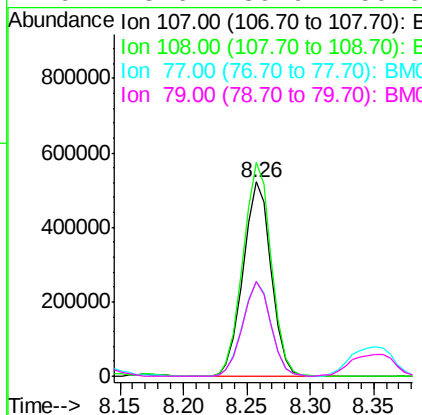
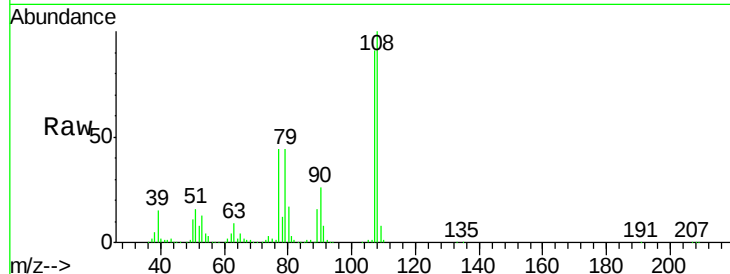
#17
2-Methylphenol
Concen: 41.983 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	800188		
108	110.1	88.6	133.0		
77	48.7	40.6	61.0		
79	48.6	39.9	59.9		

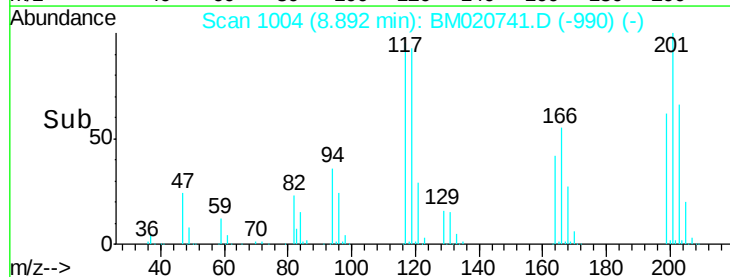
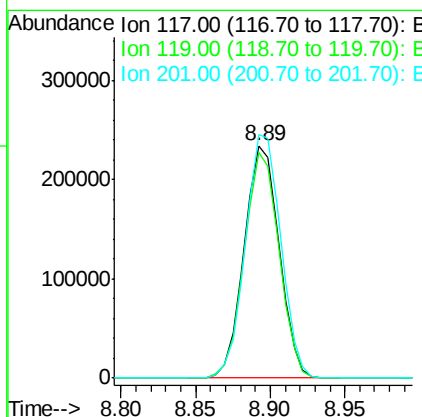
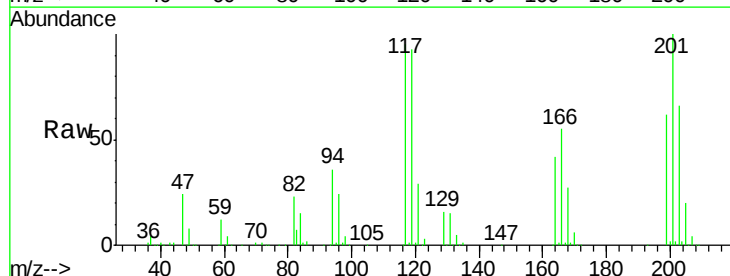
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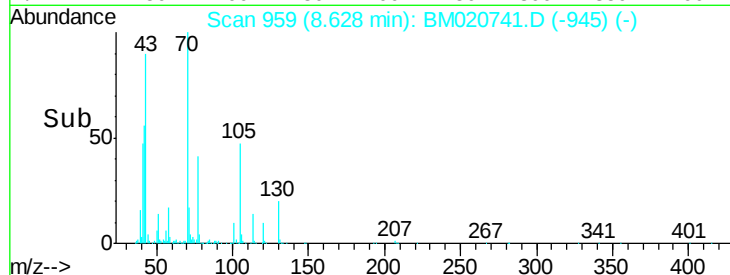
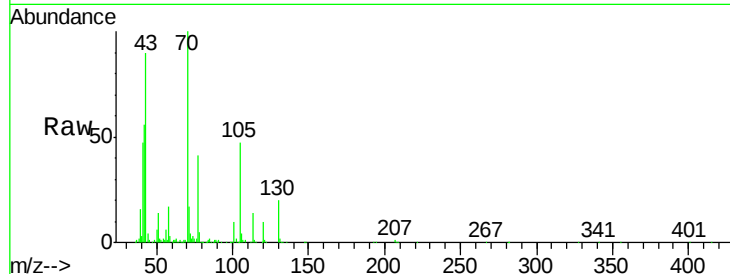
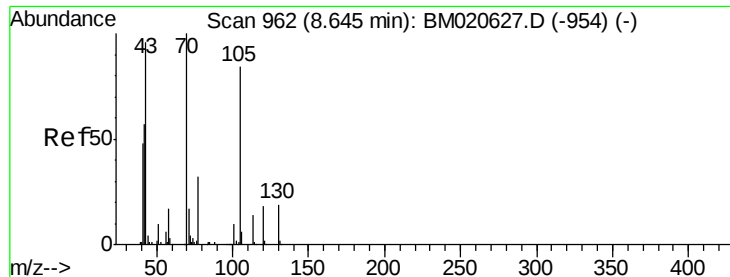
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#18
Hexachloroethane
Concen: 39.992 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	380149		
119	97.3	76.7	115.1		
201	104.9	77.9	116.9		





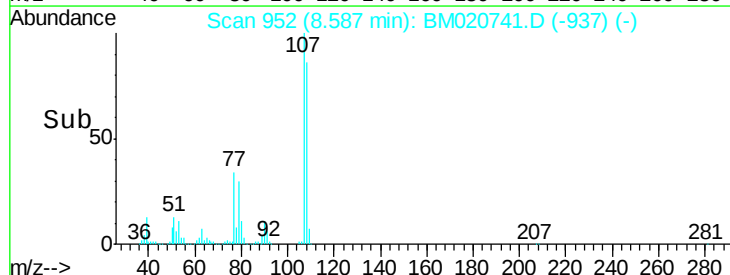
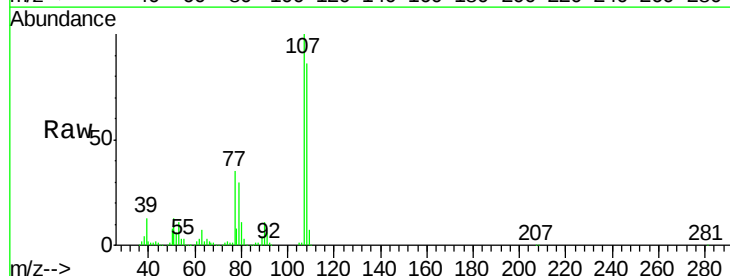
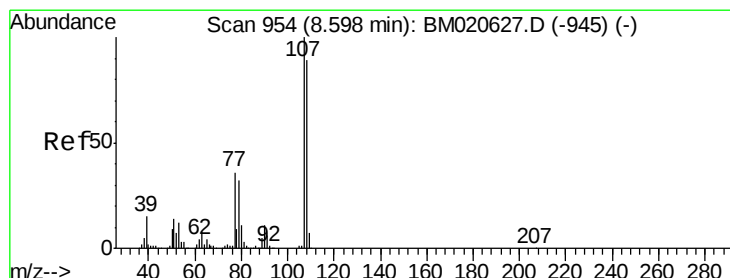
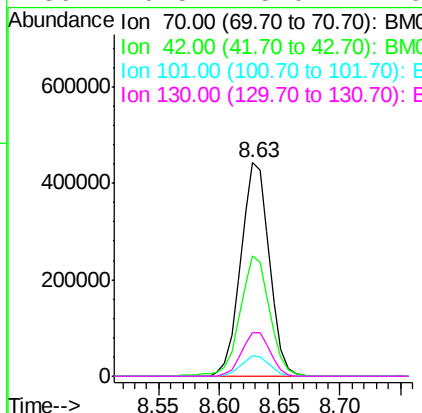
#19
n-Nitroso-di-n-propylamine
Concen: 36.061 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.5	46.8	70.2	
101	9.8	7.8	11.6	
130	20.5	15.0	22.6	

Instrument :
BNA_M
ClientSampleId :
PB120321BS

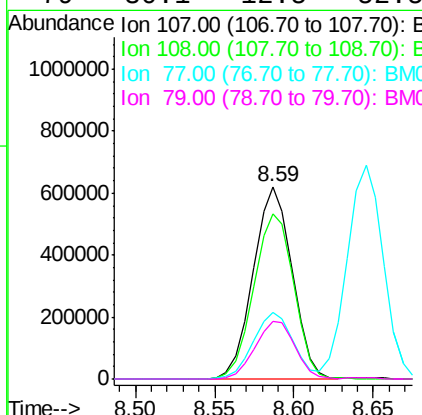
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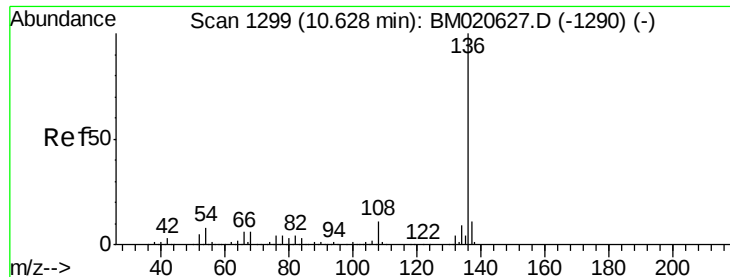
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#20
3+4-Methylphenols
Concen: 40.954 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	69.2	109.2	
77	34.5	16.2	56.2	
79	30.1	12.5	52.5	





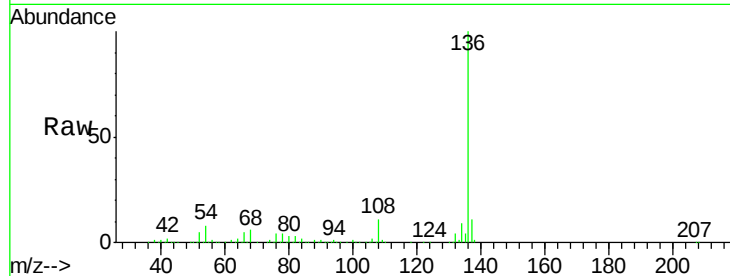
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

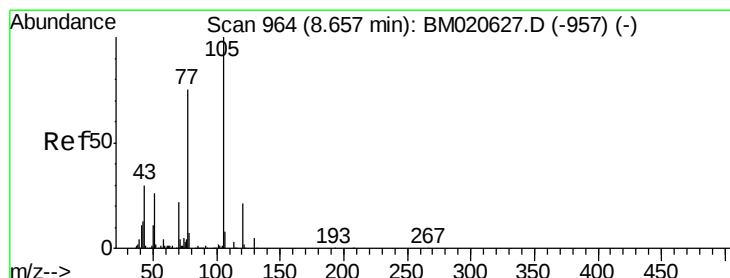
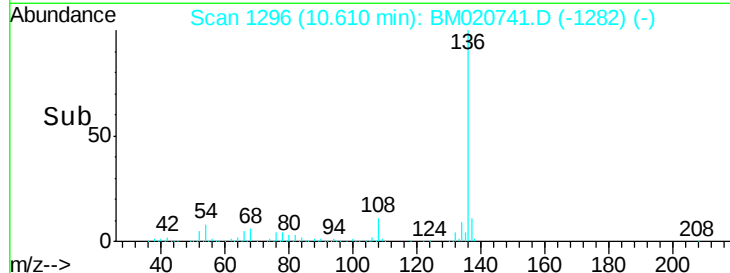
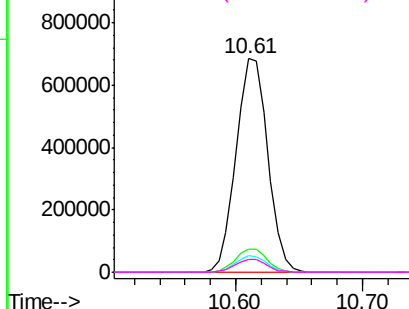
Tot Ion	136	Resp	1185869
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.6	10.0
68	6.2	5.1	7.7

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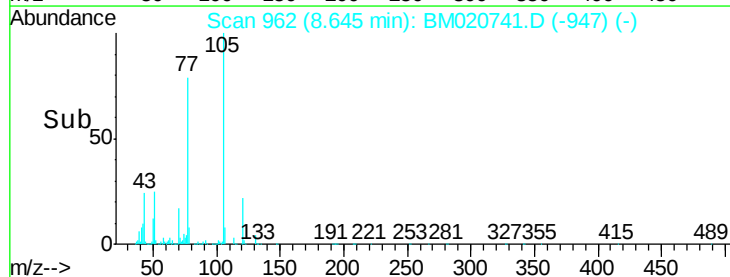
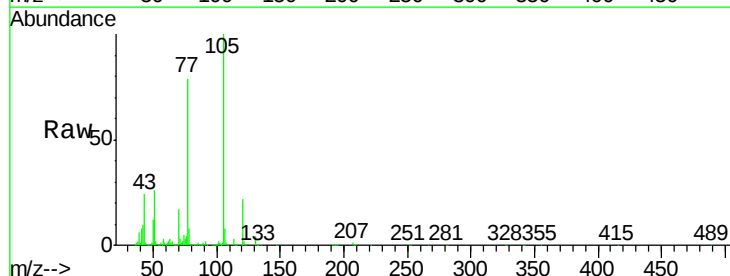
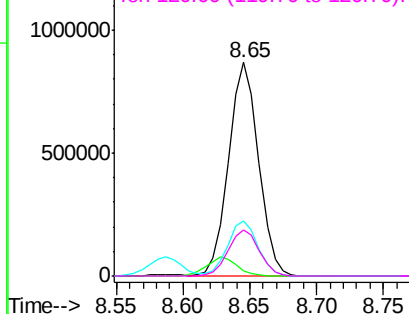
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

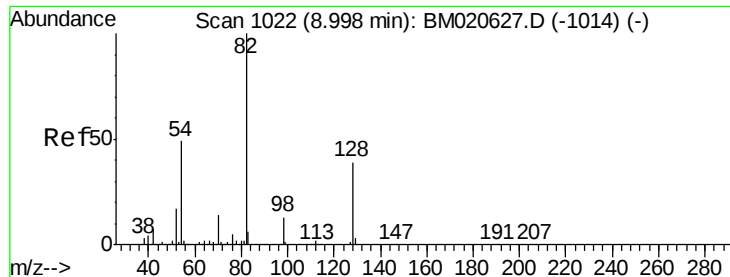


#22
Acetophenone
Concen: 45.178 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	105	Resp	1360990
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.2	4.8#
51	25.8	22.8	34.2
120	21.7	17.0	25.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





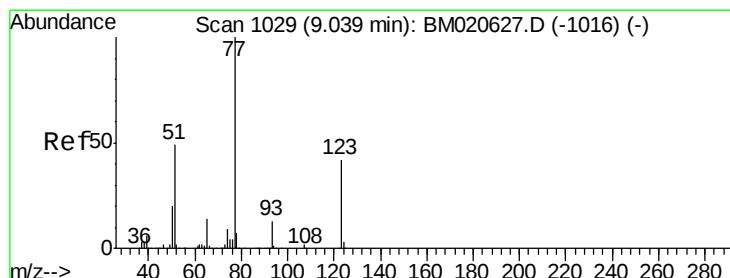
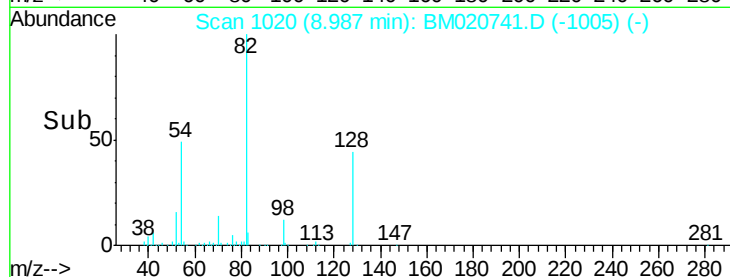
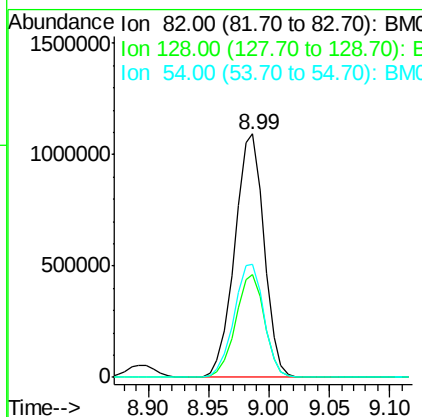
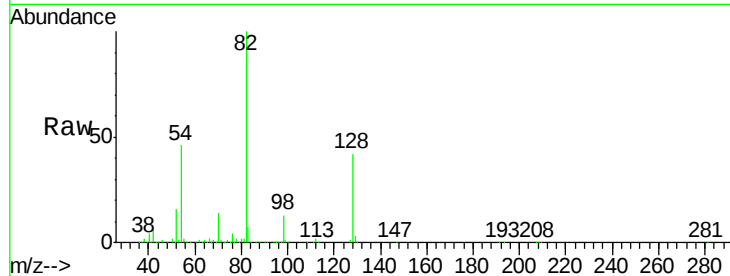
#23
 Nitrobenzene-d5
 Concen: 81.026 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampled :
 PB120321BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.5	47.3
54	46.4	39.4	59.0

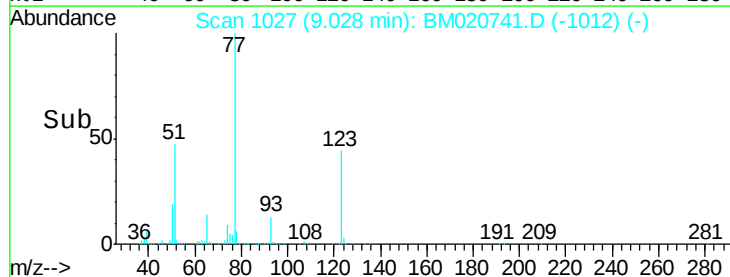
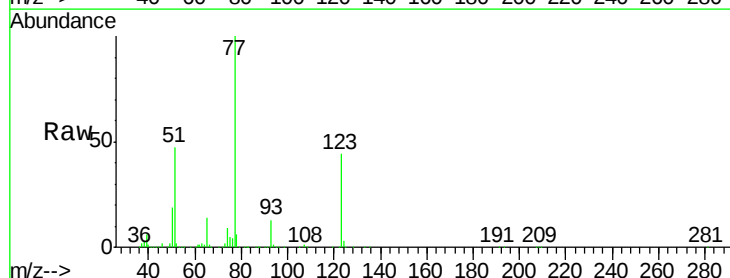
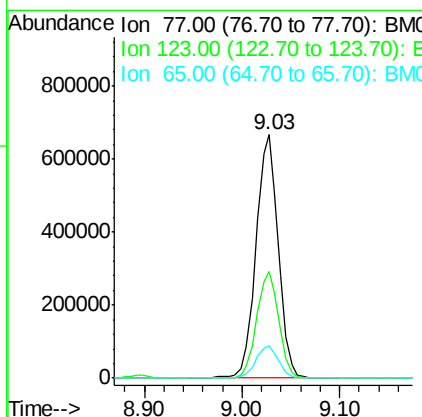
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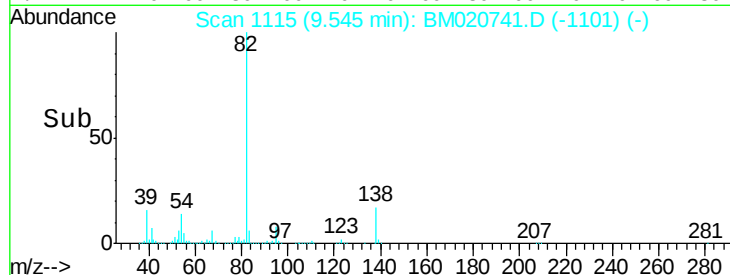
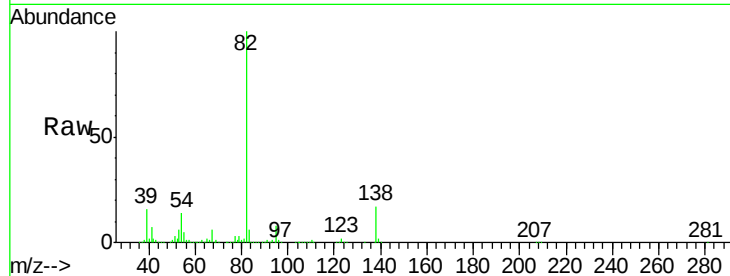
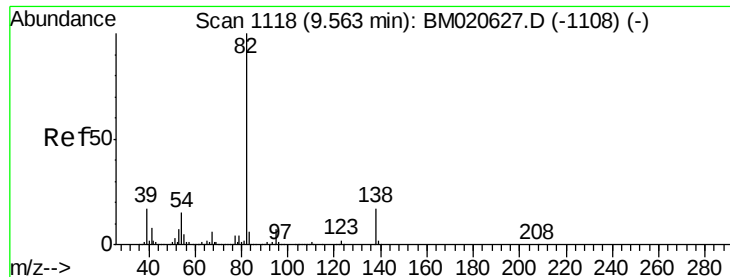
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#24
 Nitrobenzene
 Concen: 45.594 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.7	50.5
65	13.5	11.0	16.6





#25

Isophorone

Concen: 41.677 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tot Ion: 82 Resp: 1897498

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 16.8 13.8 20.8

Instrument :

BNA_M

ClientSampleId :

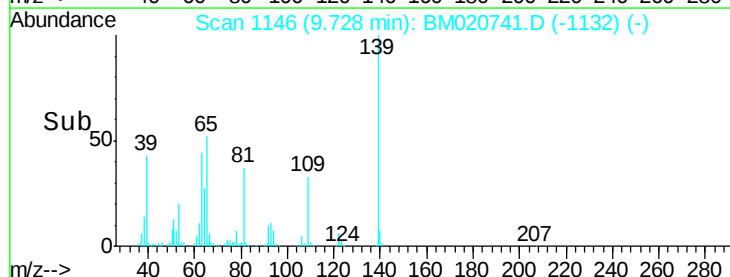
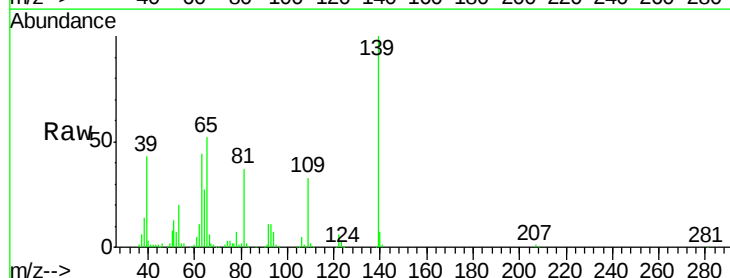
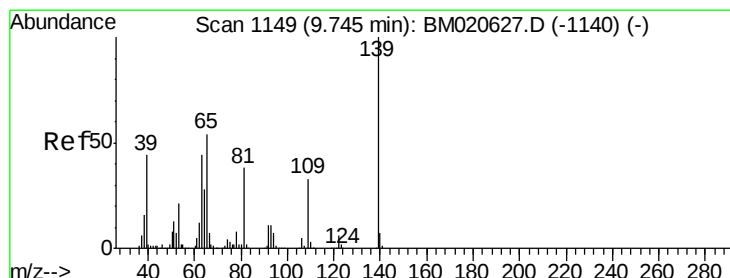
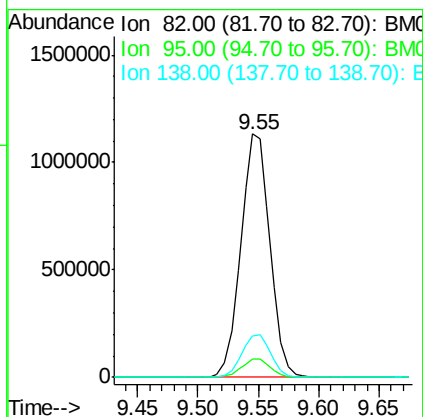
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#26

2-Nitrophenol

Concen: 54.166 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

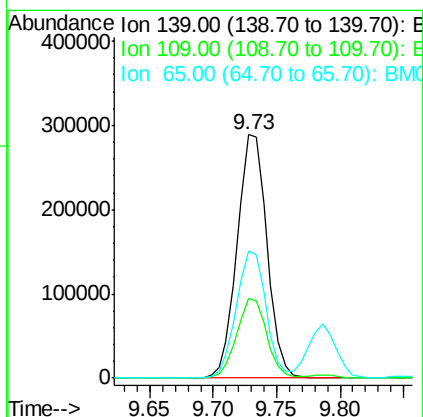
Tgt Ion: 139 Resp: 471694

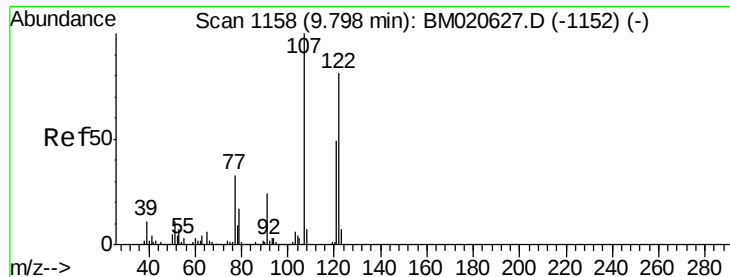
Ion Ratio Lower Upper

139 100

109 32.7 26.1 39.1

65 52.4 43.4 65.0





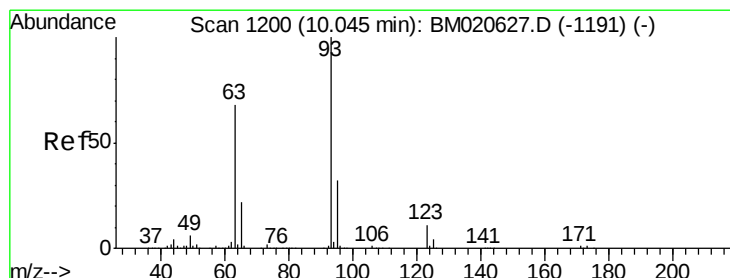
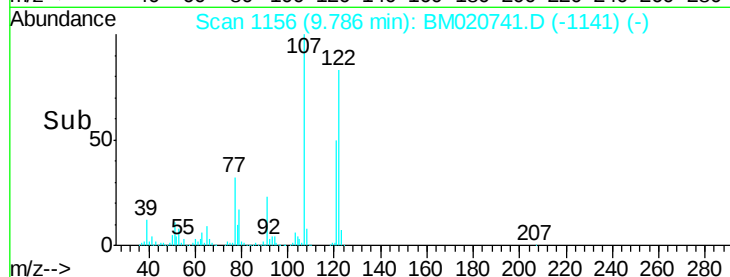
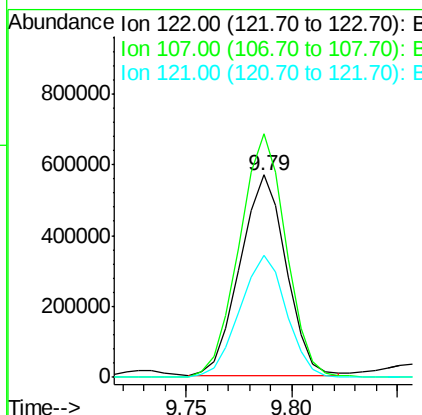
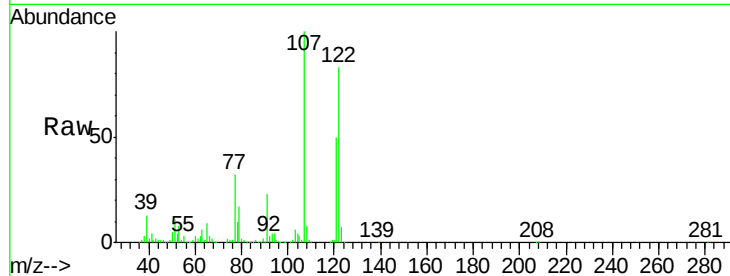
#27
 2,4-Dimethylphenol
 Concen: 52.645 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	98.0	147.0
121	60.3	48.2	72.4

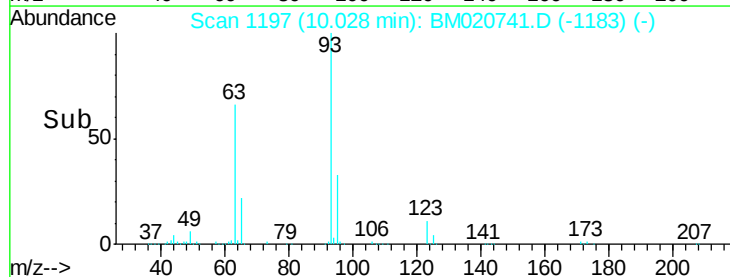
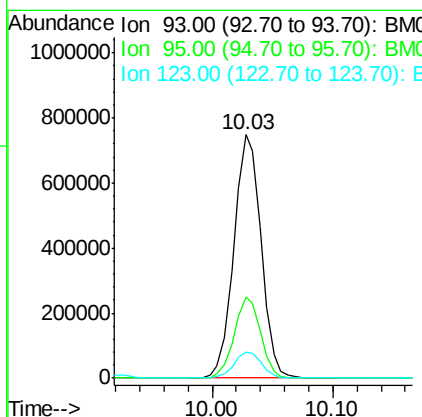
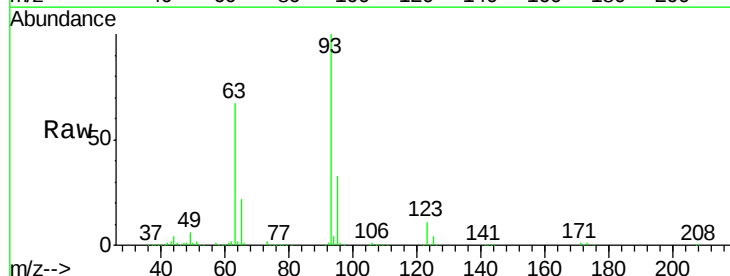
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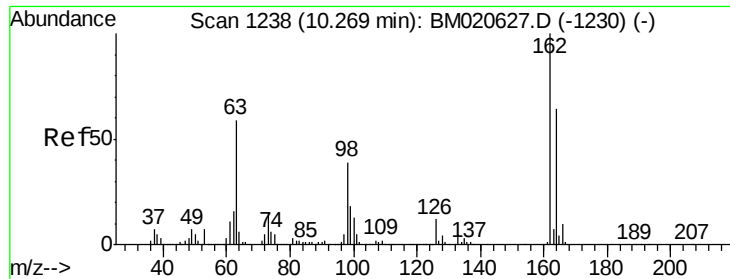
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.572 ng
 RT: 10.03 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.6
123	10.9	9.0	13.6





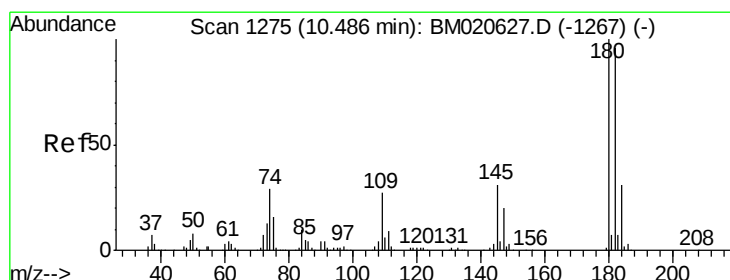
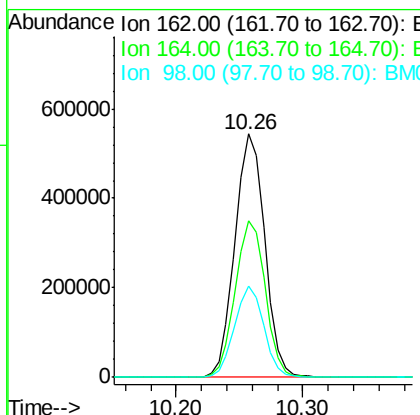
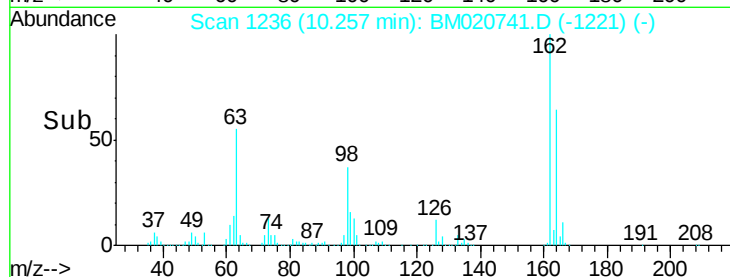
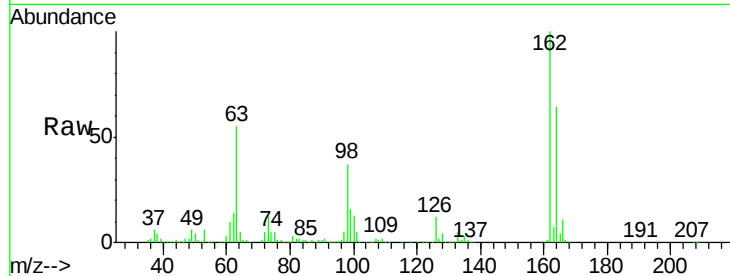
#29
2,4-Dichlorophenol
Concen: 49.208 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	888386		
164	64.3	43.8	83.8	
98	37.4	19.1	59.1	

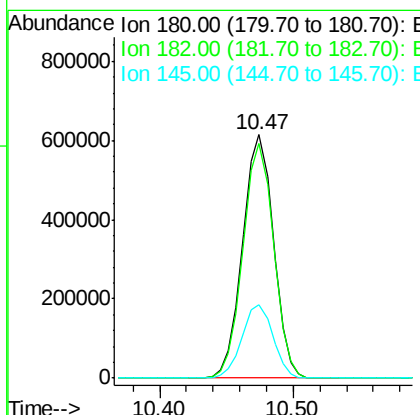
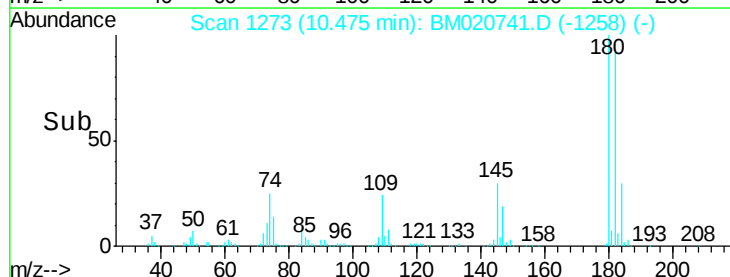
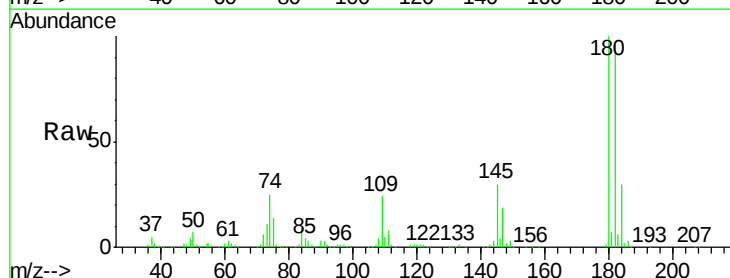
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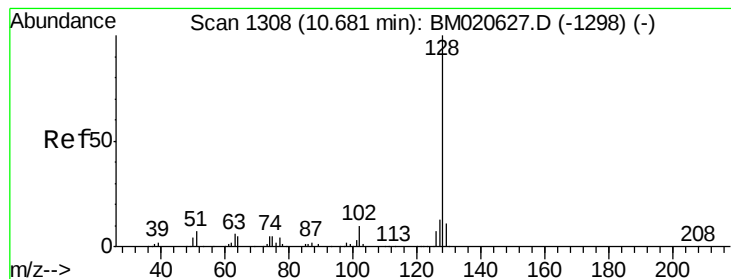
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#30
1,2,4-Trichlorobenzene
Concen: 47.261 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	981098		
182	96.4	77.0	115.6	
145	30.1	25.0	37.4	





#31

Naphthalene

Concen: 46.278 ng

RT: 10.66 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:128 Resp: 2822087

Ion Ratio Lower Upper

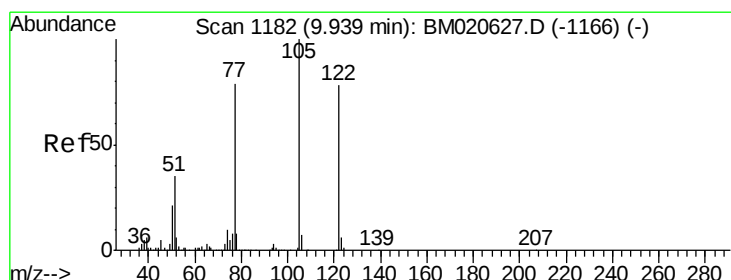
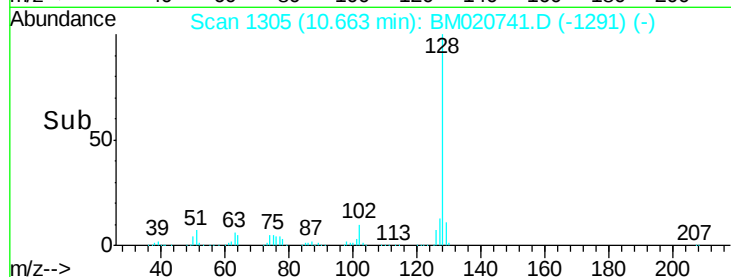
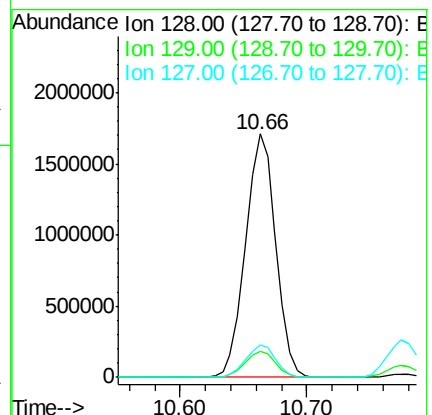
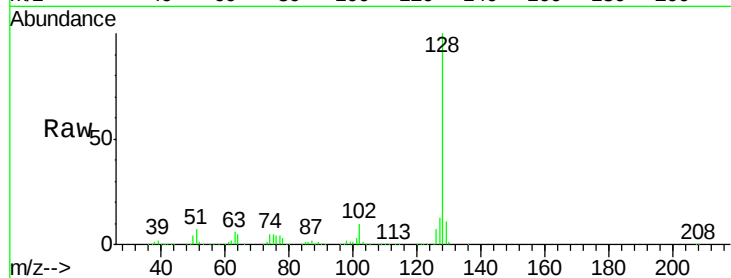
128 100

129 10.9 8.7 13.1

127 13.2 10.3 15.5

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#32

Benzoic acid

Concen: 45.316 ng m

RT: 9.93 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

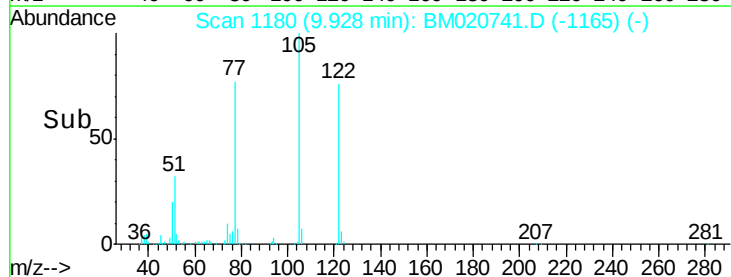
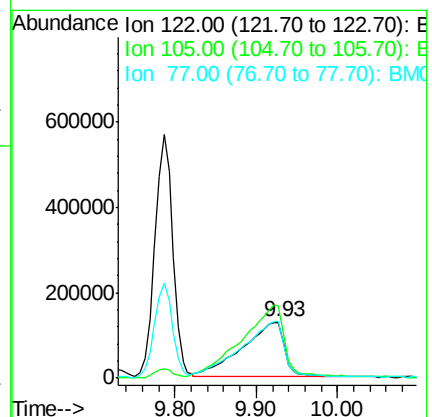
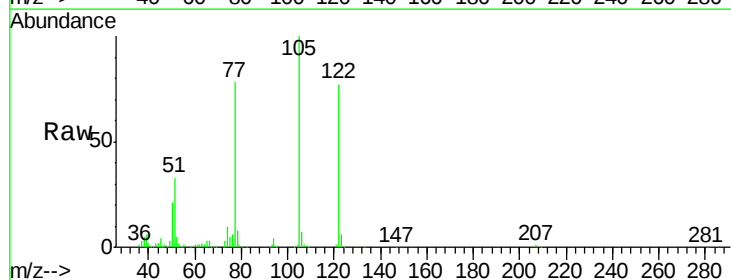
Tgt Ion:122 Resp: 462138

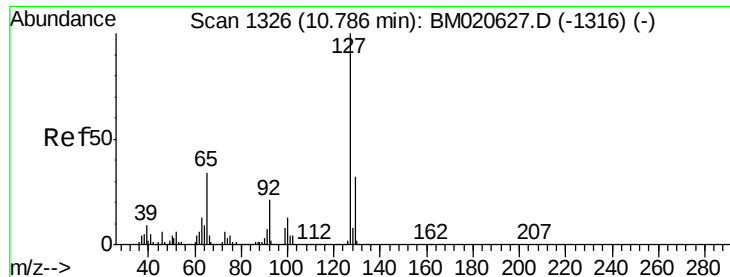
Ion Ratio Lower Upper

122 100

105 129.2 107.0 147.0

77 101.1 80.9 120.9





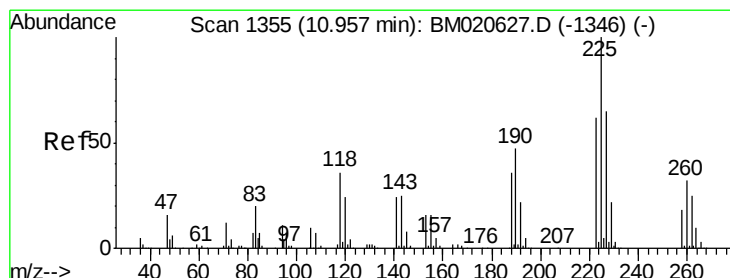
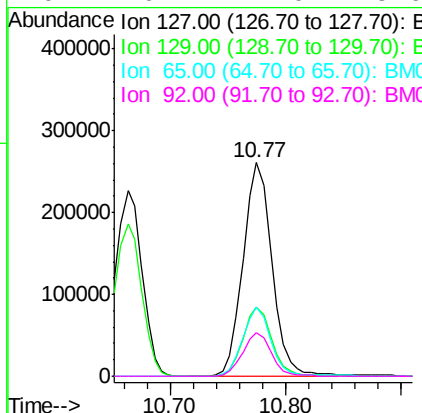
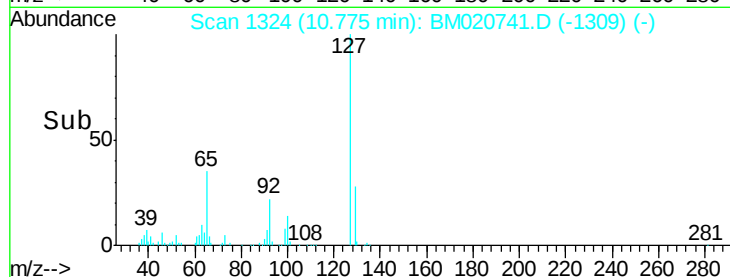
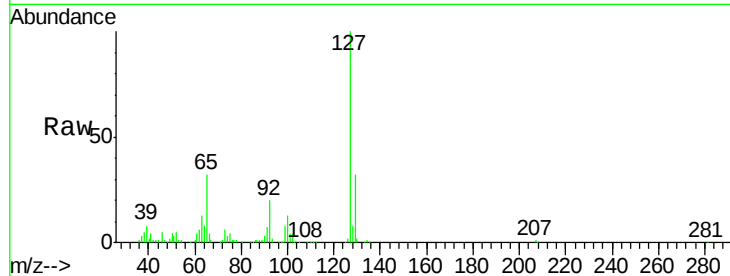
#33
4-Chloroaniline
Concen: 16.078 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.7	38.5	
65	32.3	27.4	41.0	
92	20.4	17.0	25.6	

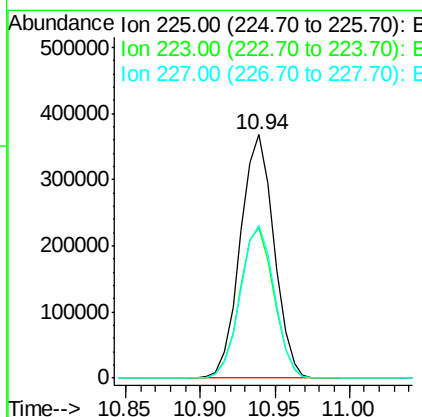
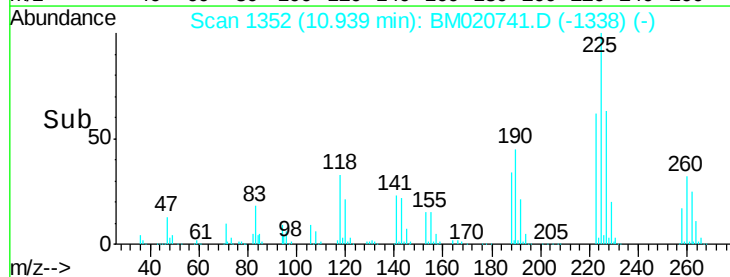
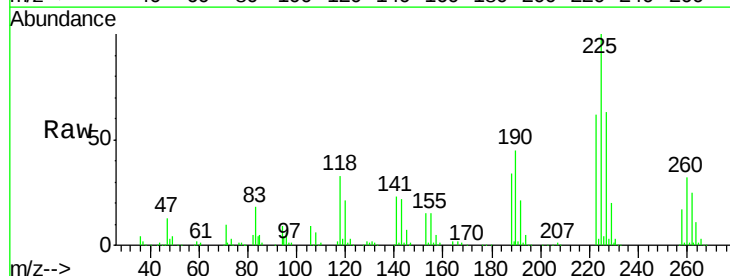
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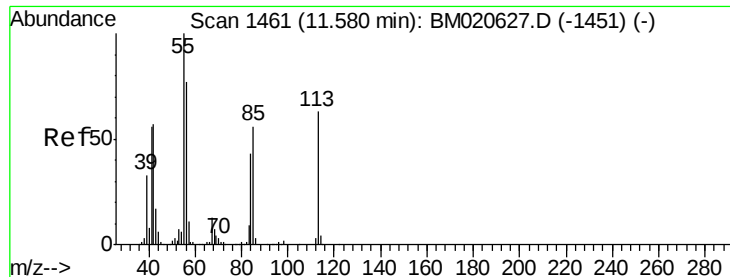
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#34
Hexachlorobutadiene
Concen: 46.168 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	49.7	74.5	
227	62.6	51.8	77.8	





#35

Caprolactam

Concen: 38.367 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

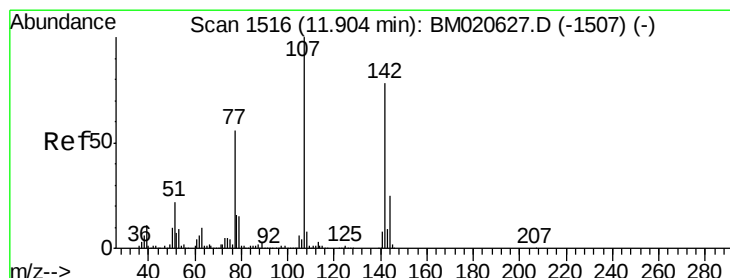
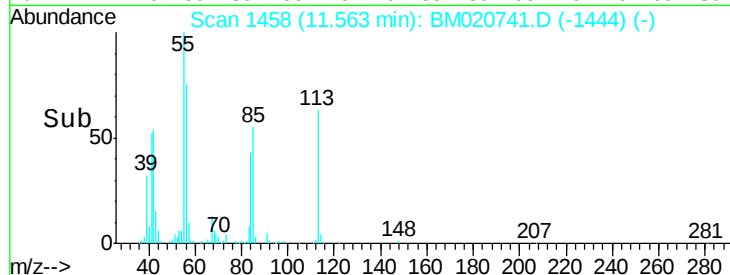
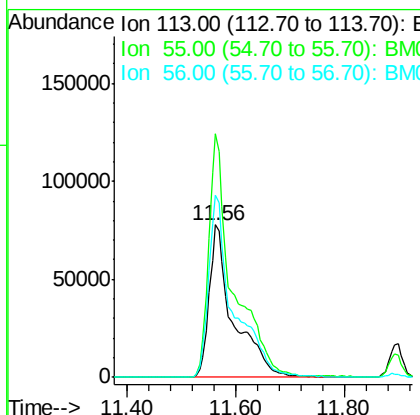
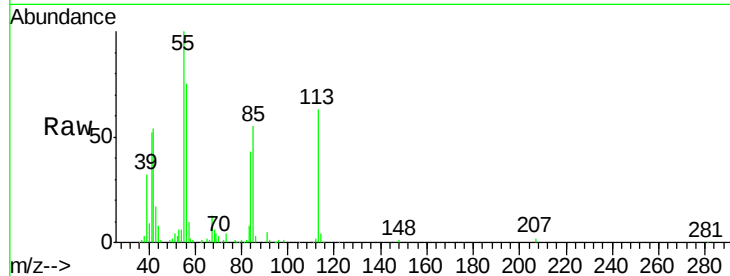
ClientSampleId :

PB120321BS

Tot Ion:	113	Resp:	240636
Ion	Ratio	Lower	Upper
113	100		
55	159.8	138.6	178.6
56	119.6	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 42.524 ng/mL

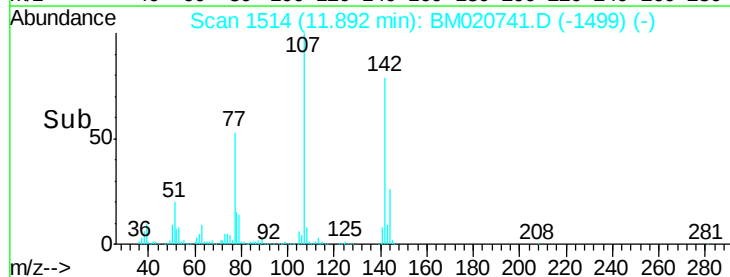
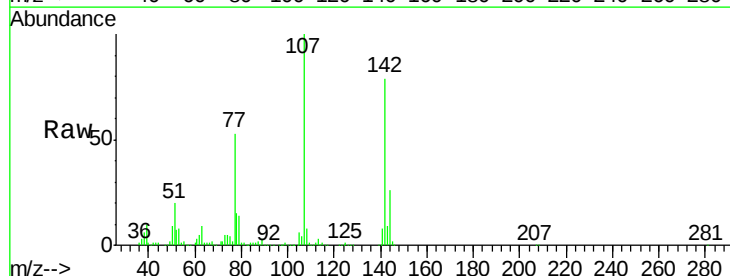
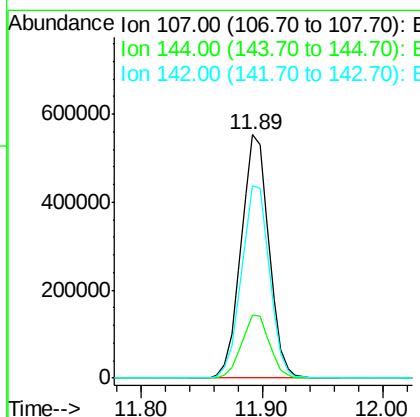
RT: 11.89 min Scan# 1514

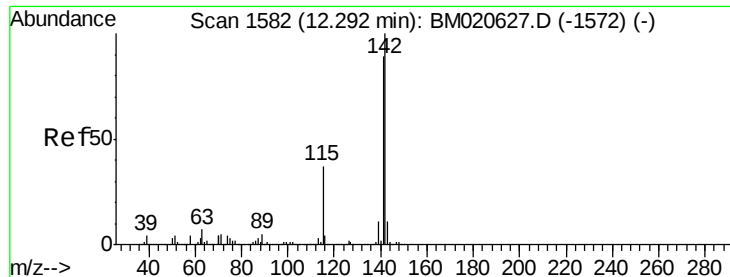
Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Tgt Ion:	107	Resp:	892590
Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.3	30.5
142	79.0	62.6	93.8





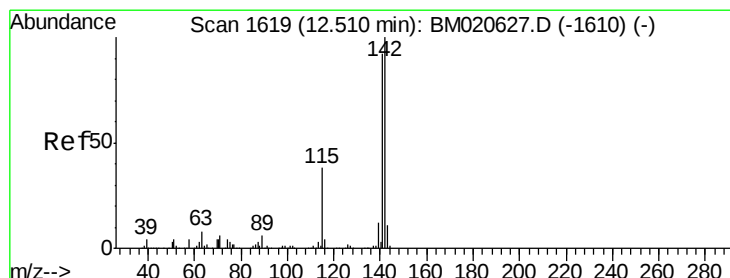
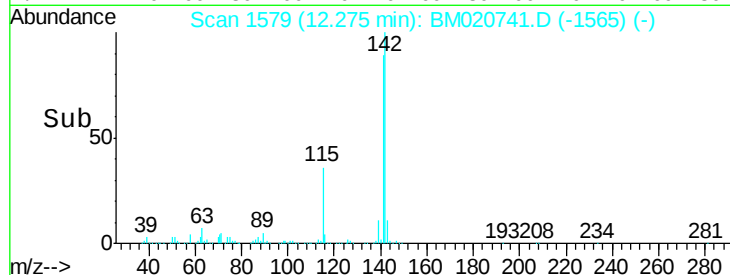
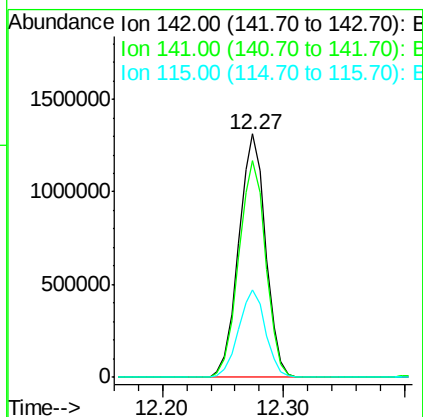
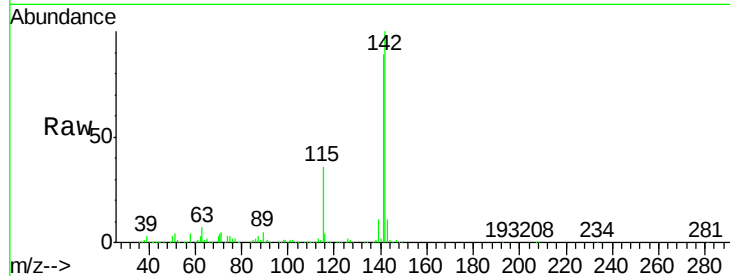
#37
2-Methylnaphthalene
Concen: 45.032 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	35.7	29.6	44.4

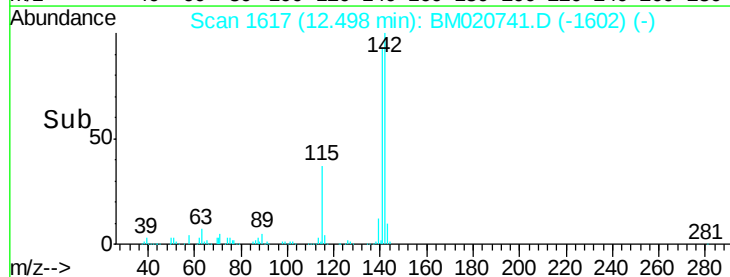
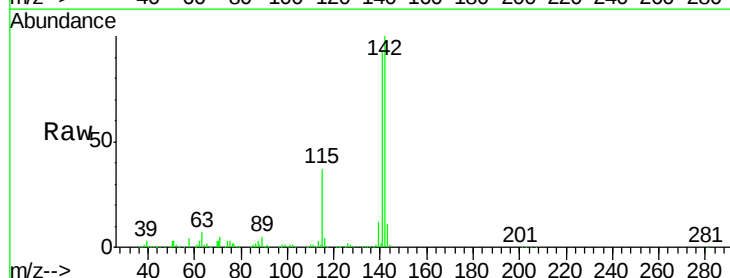
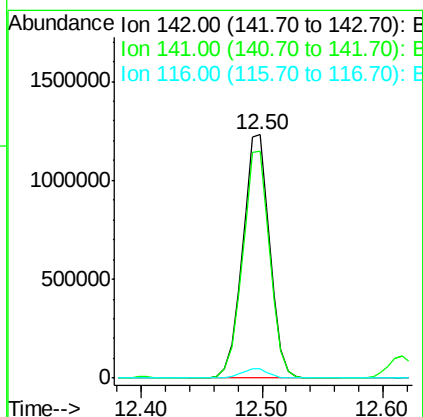
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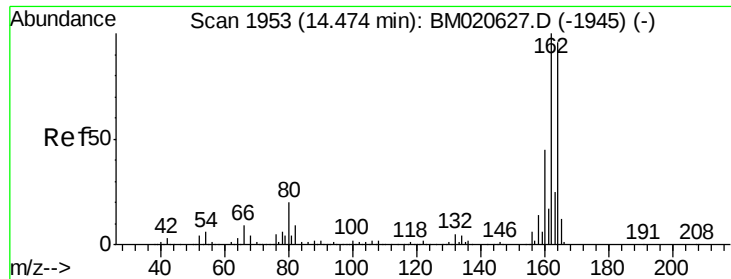
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#38
1-Methylnaphthalene
Concen: 44.679 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	3.8	3.2	4.8





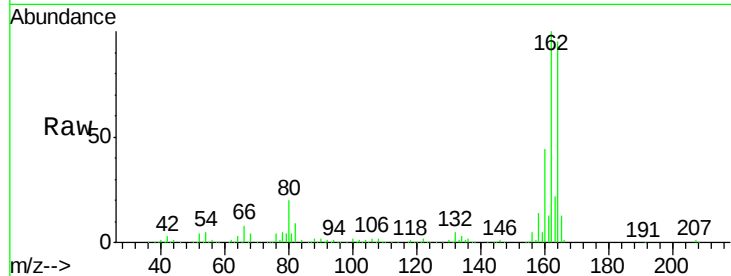
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.2	124.8
160	46.2	37.5	56.3

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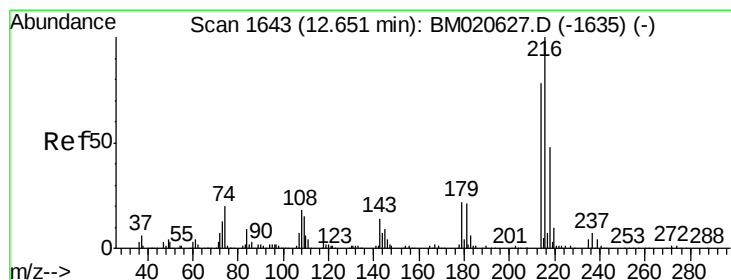
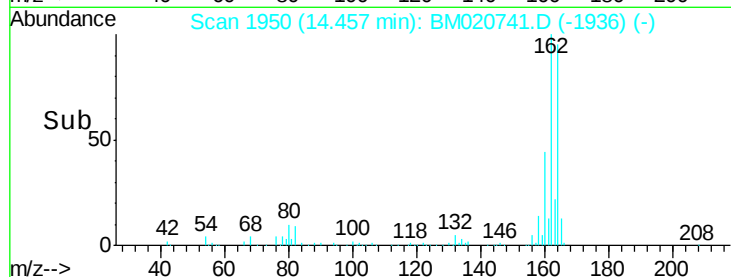
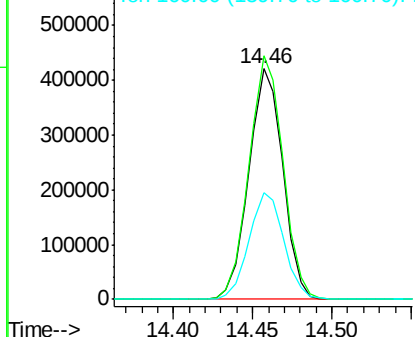


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.830 ng
RT: 12.64 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	21.5	17.9	26.9
108	20.4	16.2	24.2

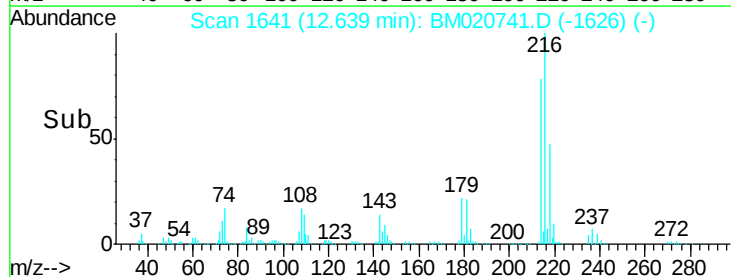
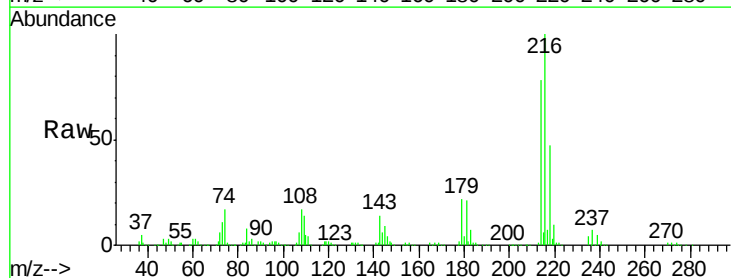
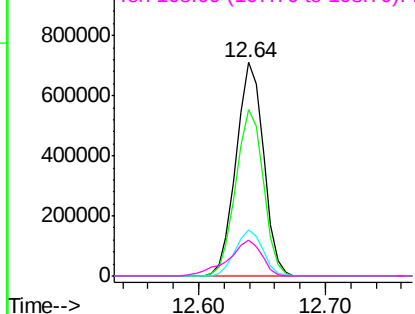
Abundance

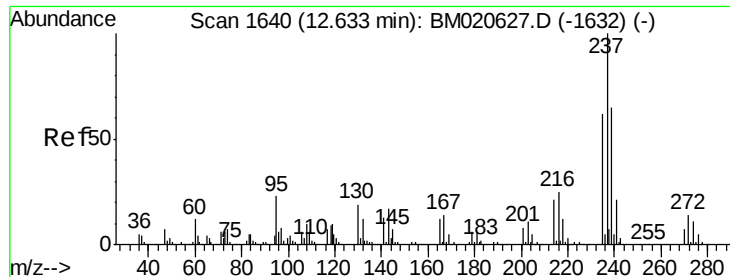
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 110.484 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:237 Resp: 1356581

Ion Ratio Lower Upper

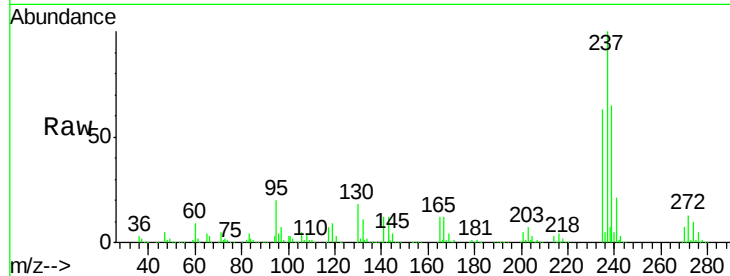
237 100

235 62.9 42.1 82.1

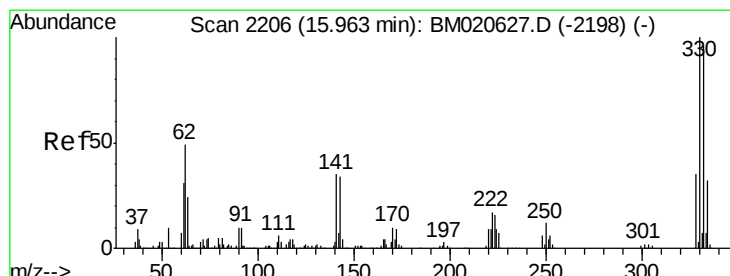
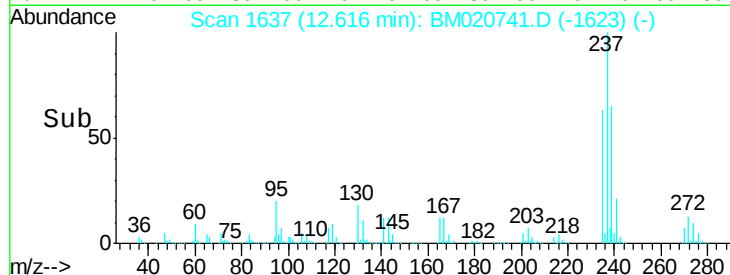
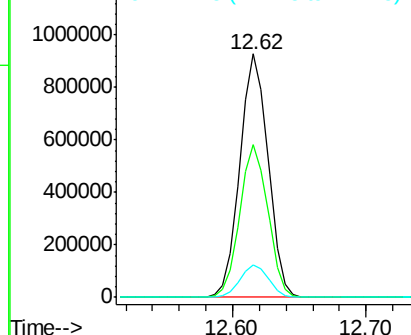
272 13.4 0.0 33.5

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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: 132.691 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

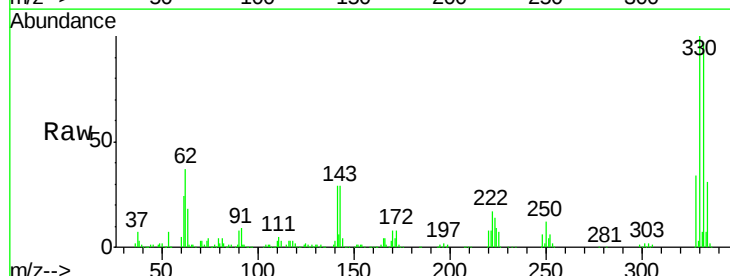
Tgt Ion:330 Resp: 1029940

Ion Ratio Lower Upper

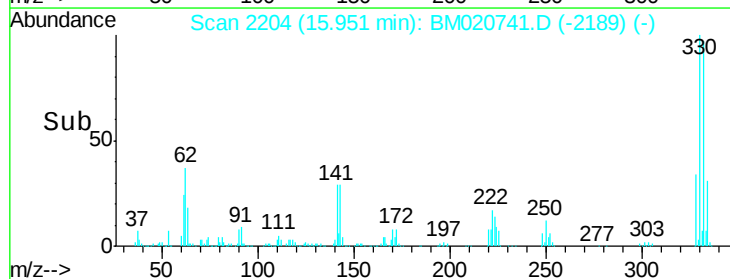
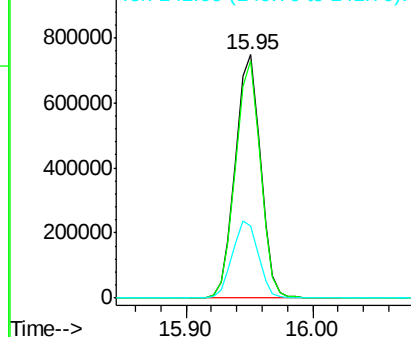
330 100

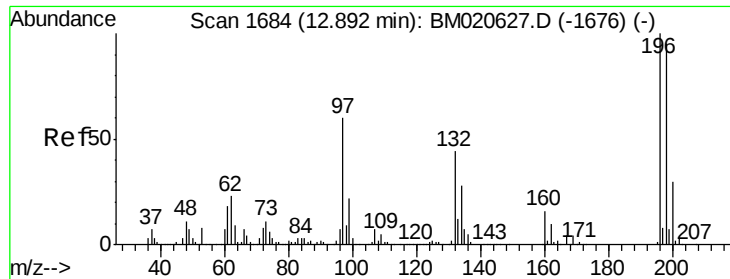
332 96.4 77.4 116.0

141 32.8 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





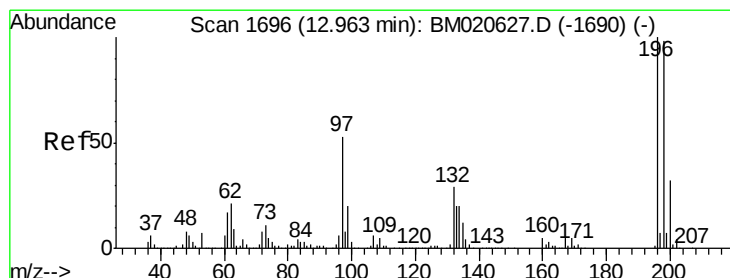
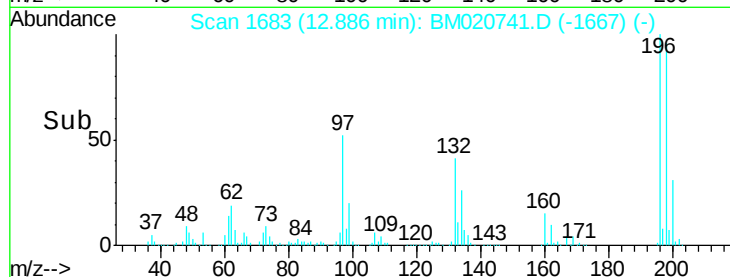
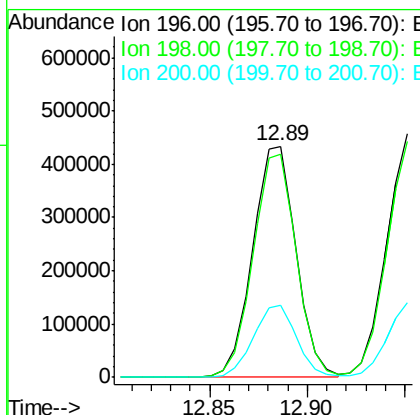
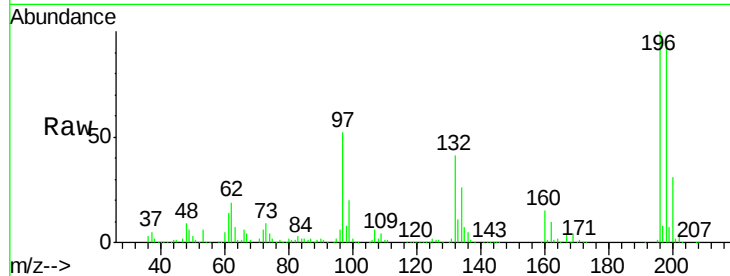
#43
 2,4,6-Trichlorophenol
 Concen: 50.471 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	31.4	23.9	35.9

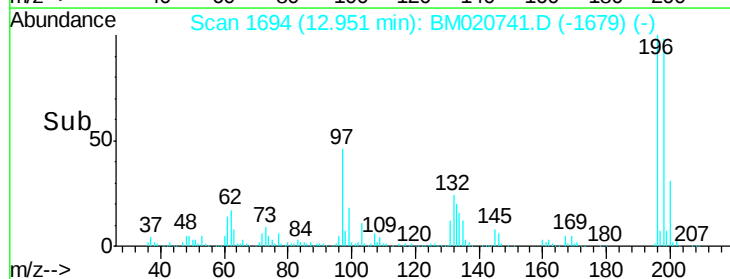
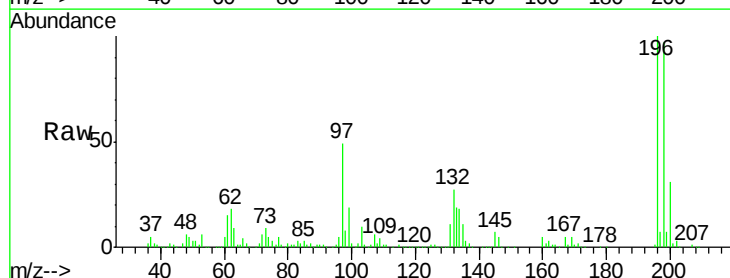
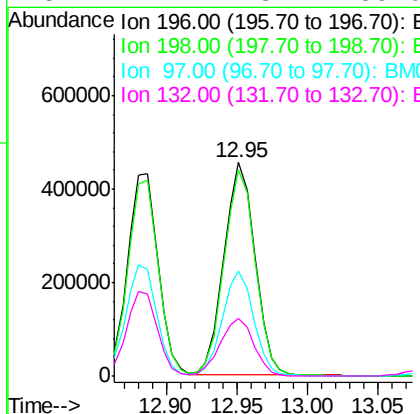
Manual Integrations
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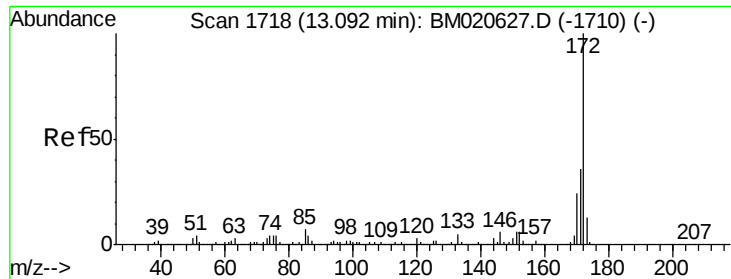
mohammad
 6/6/2019 11:21:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.205 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.6	117.8
97	49.0	42.7	64.1
132	27.1	23.4	35.0





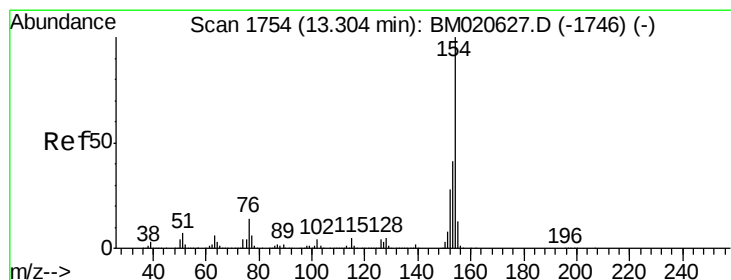
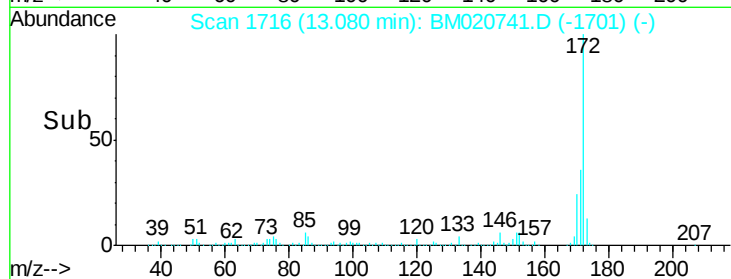
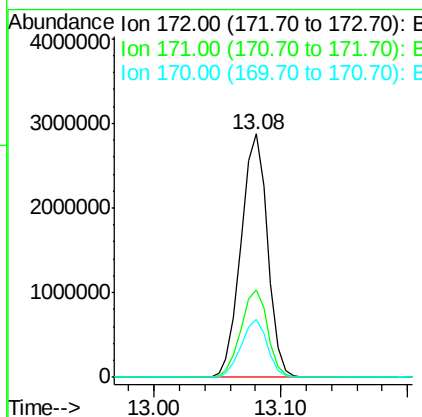
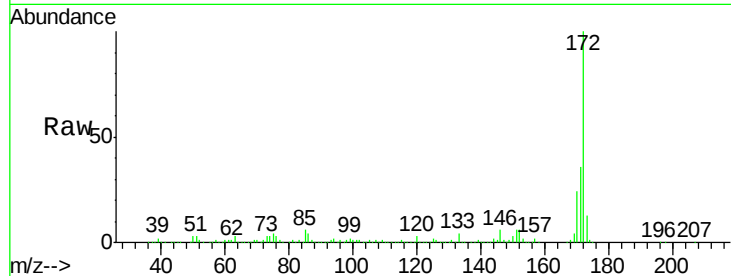
#45
2-Fluorobiphenyl
Concen: 88.266 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.6	18.9	28.3

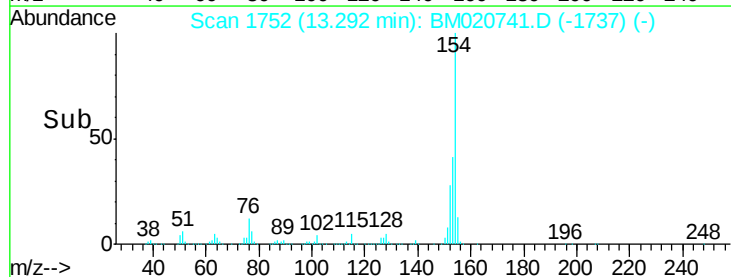
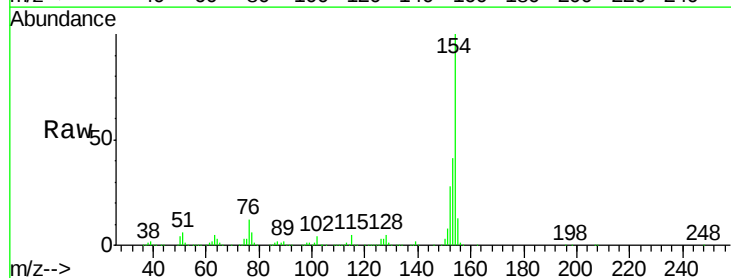
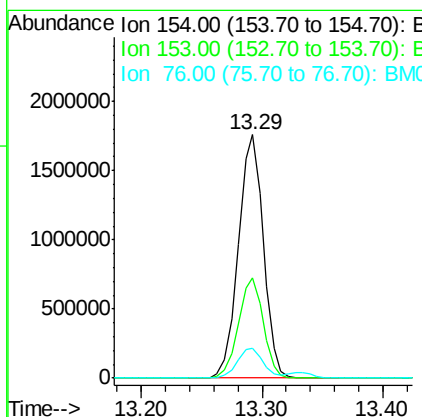
Manual Integrations
APPROVED

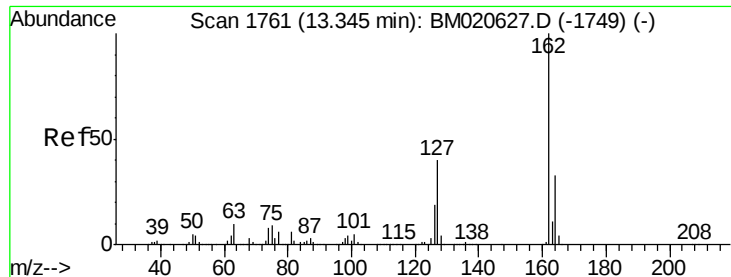
mohammad
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#46
1,1'-Biphenyl
Concen: 48.394 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	12.4	0.0	34.0





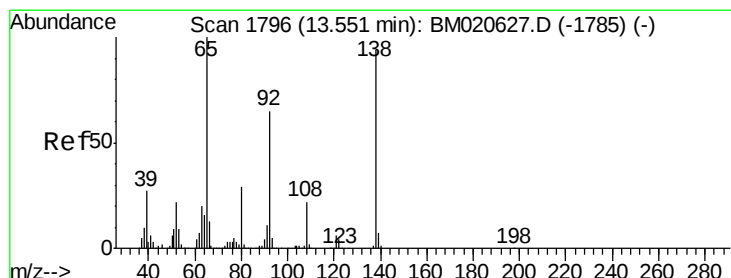
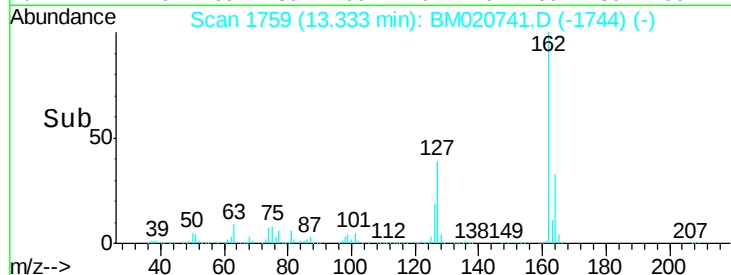
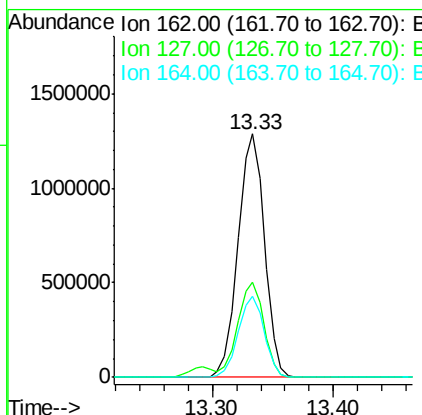
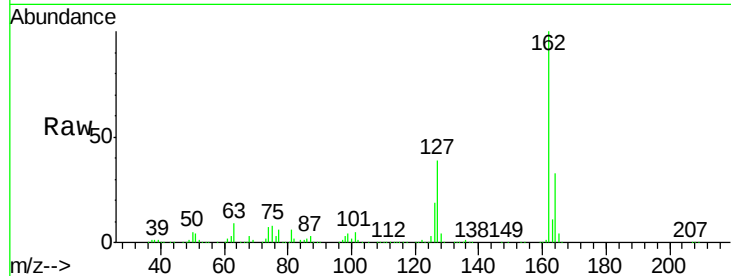
#47
 2-Chloronaphthalene
 Concen: 46.586 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.1	48.1
164	33.3	26.6	39.8

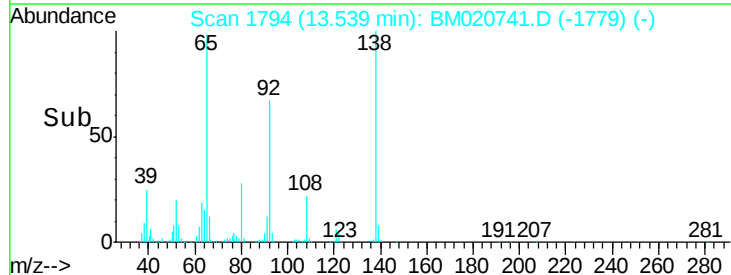
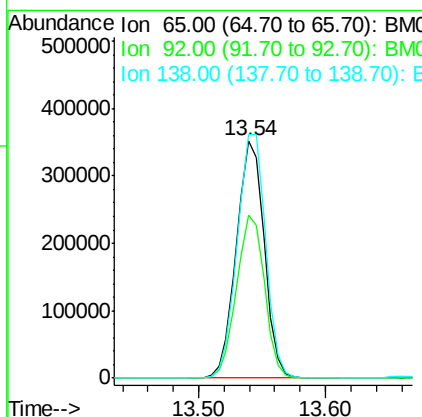
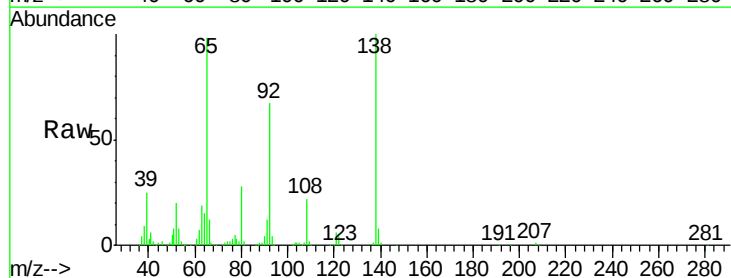
Manual Integrations
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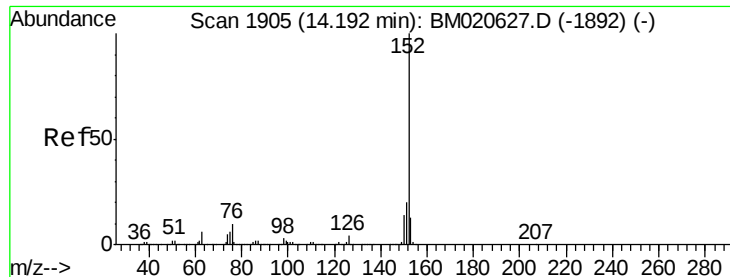
mohammad
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#48
 2-Nitroaniline
 Concen: 40.431 ng
 RT: 13.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	52.2	78.4
138	102.4	75.4	113.0





#49

Acenaphthylene

Concen: 46.494 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:152 Resp: 3063409

Ion Ratio Lower Upper

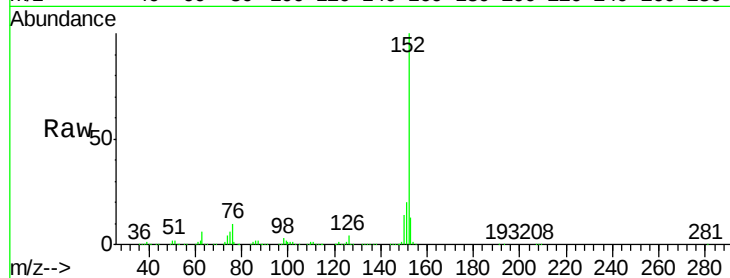
152 100

151 20.2 16.2 24.2

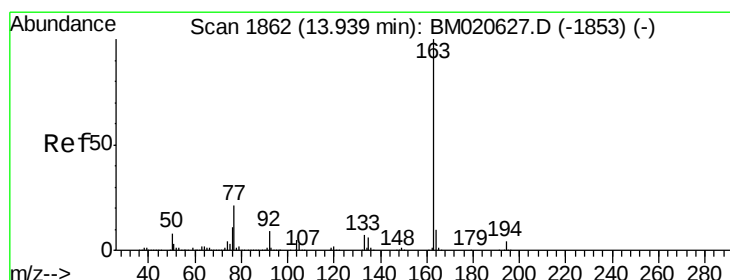
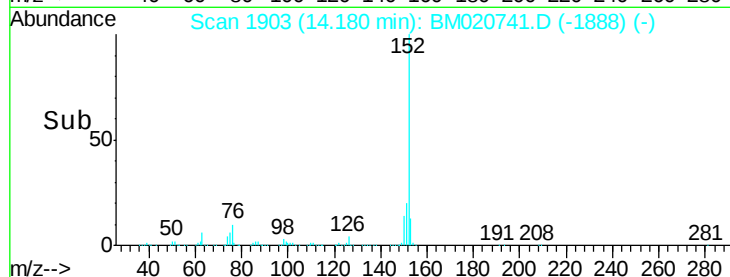
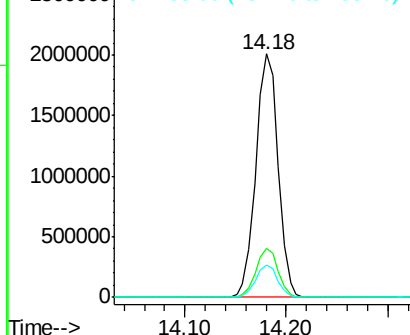
153 13.1 10.6 15.8

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



#50

Dimethylphthalate

Concen: 42.847 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

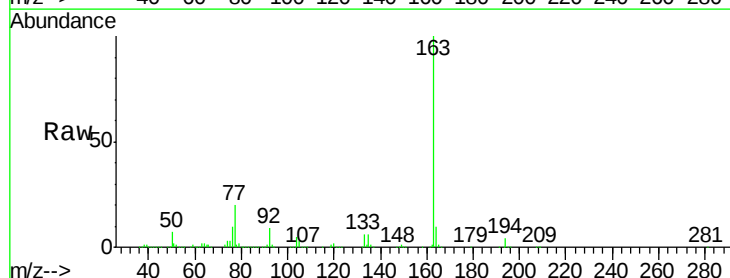
Tgt Ion:163 Resp: 2293274

Ion Ratio Lower Upper

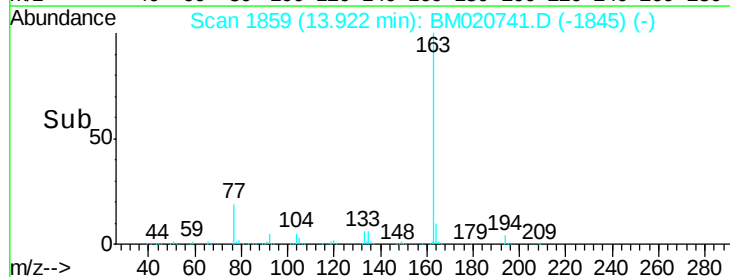
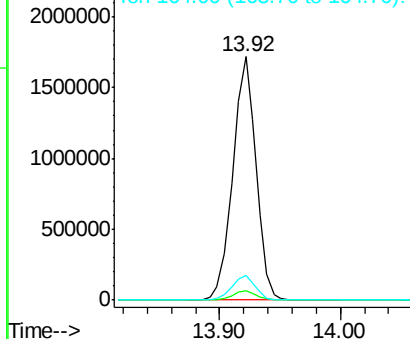
163 100

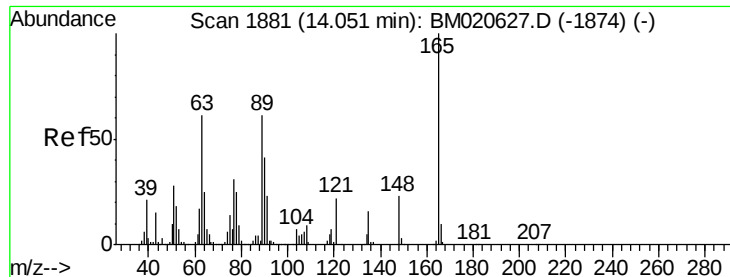
194 4.0 3.2 4.8

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





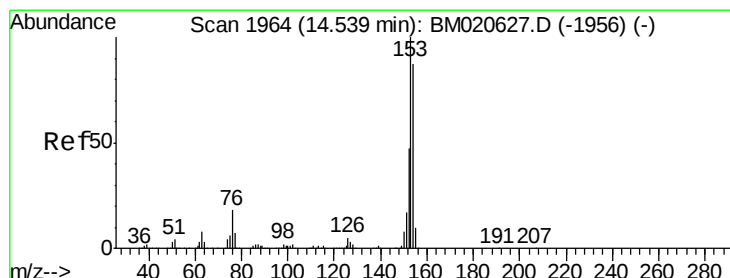
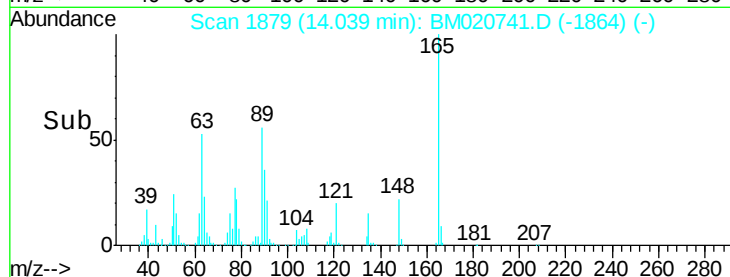
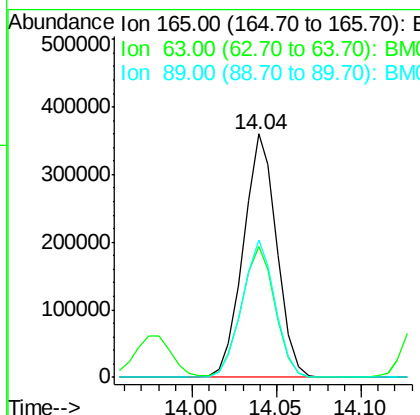
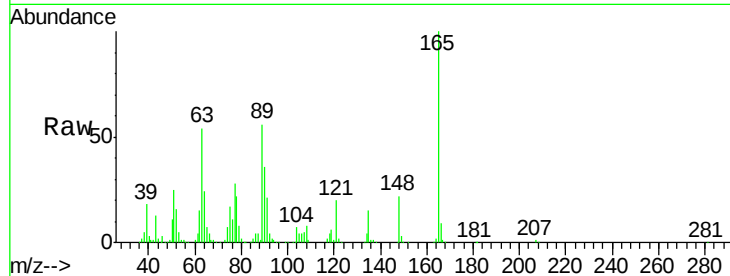
#51
2,6-Dinitrotoluene
Concen: 45.466 ng
RT: 14.04 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	50.4	75.6
89	56.4	49.1	73.7

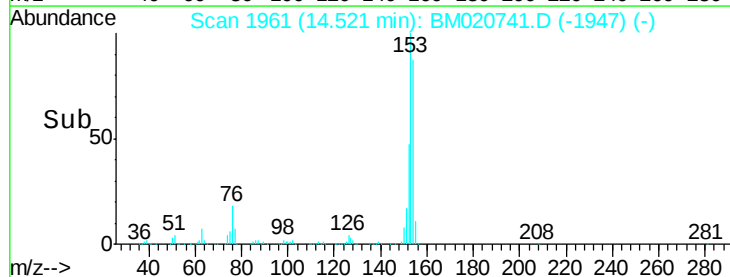
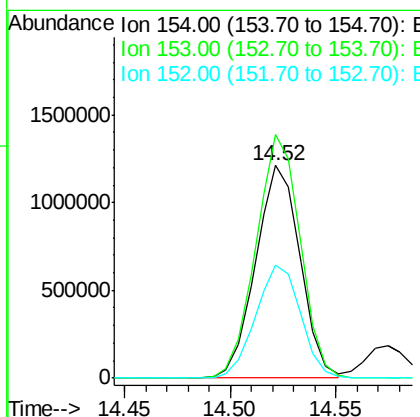
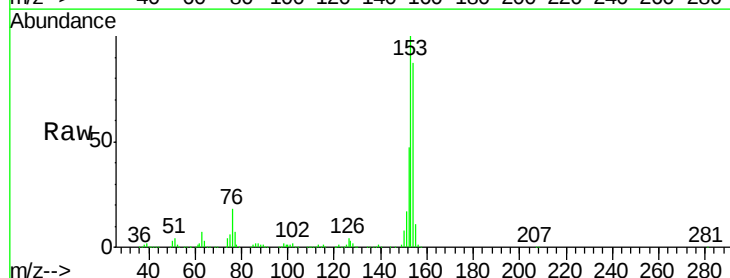
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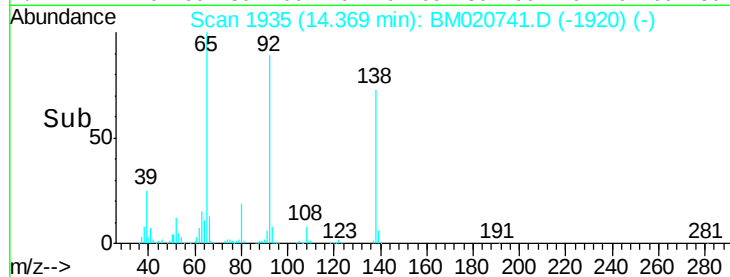
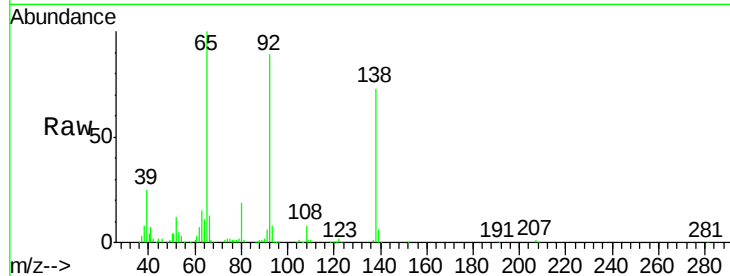
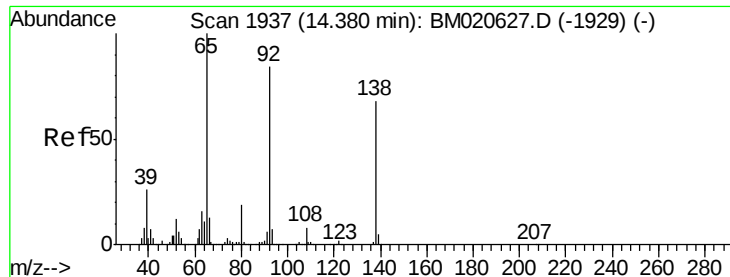
mohammad
6/6/2019 11:21:52 AM



#52
Acenaphthene
Concen: 45.127 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.4	138.6
152	53.5	43.4	65.0





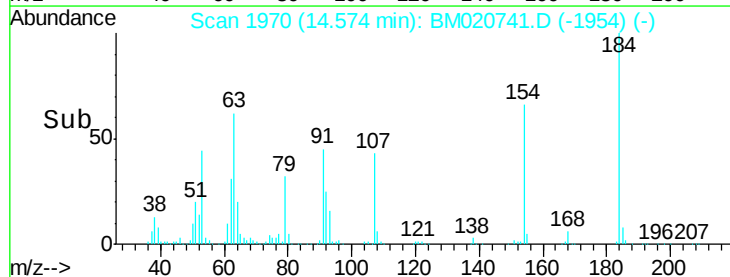
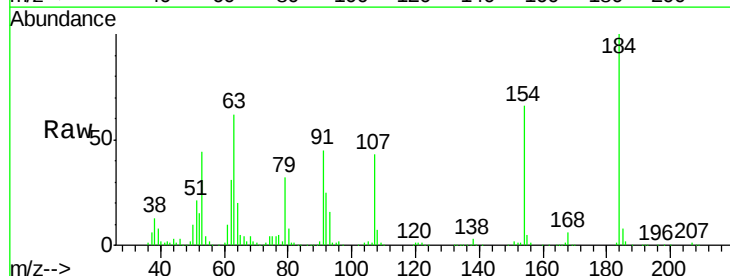
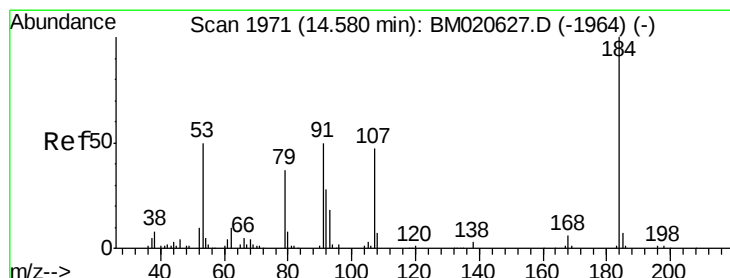
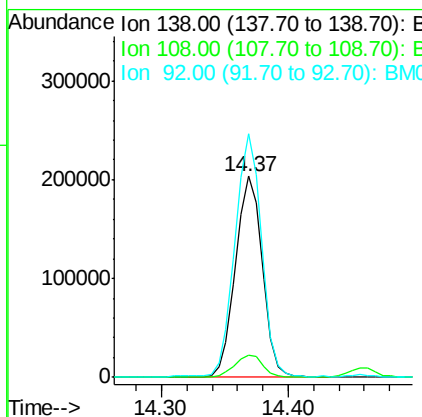
#53
3-Nitroaniline
Concen: 24.630 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.5	14.3
92	121.2	99.6	149.4

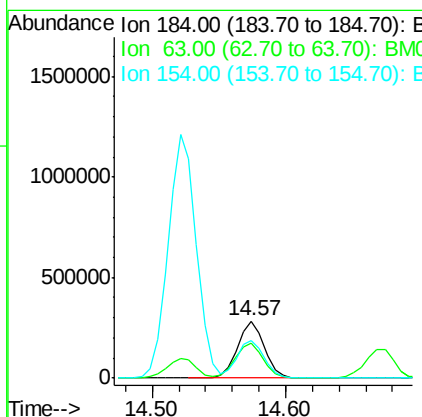
Manual Integrations
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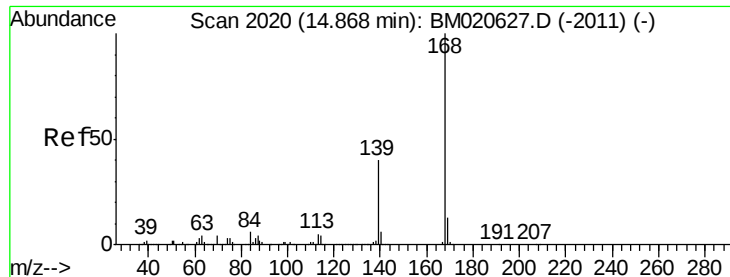
mohammad
6/6/2019 11:21:52 AM



#54
2,4-Dinitrophenol
Concen: 84.679 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	59.3	88.9
154	66.0	56.5	84.7





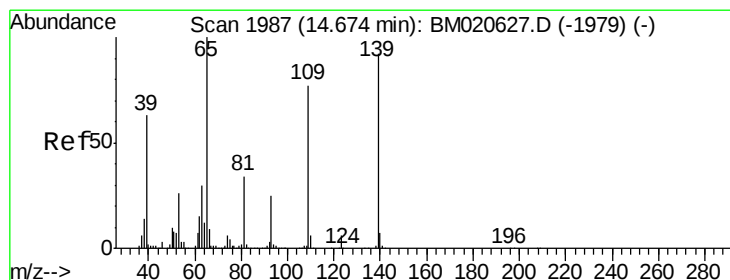
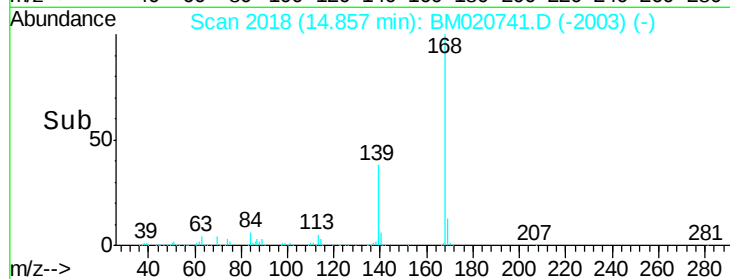
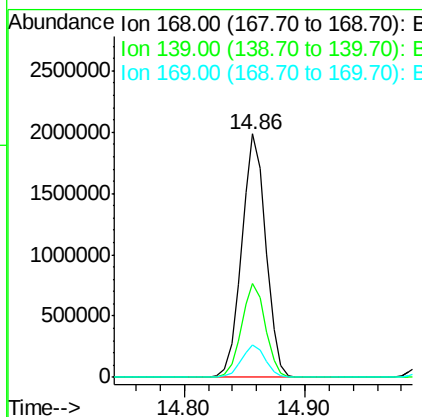
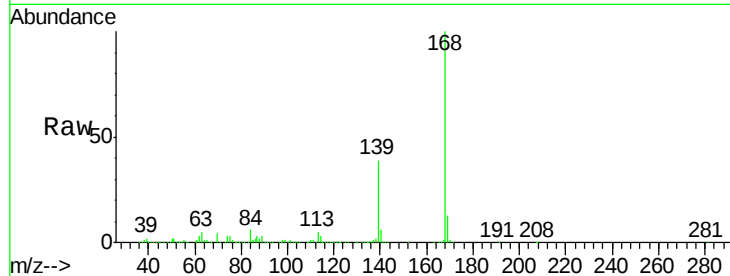
#55
Dibenzofuran
Concen: 45.351 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampled :
PB120321BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.9	47.9
169	13.5	10.7	16.1

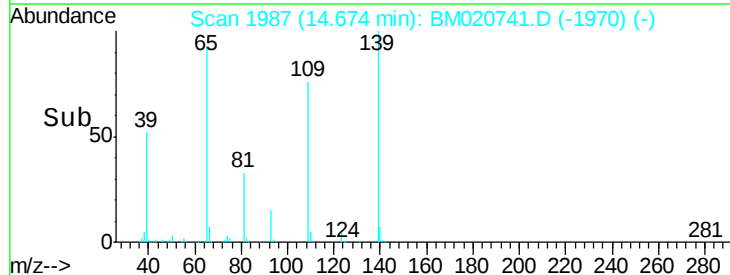
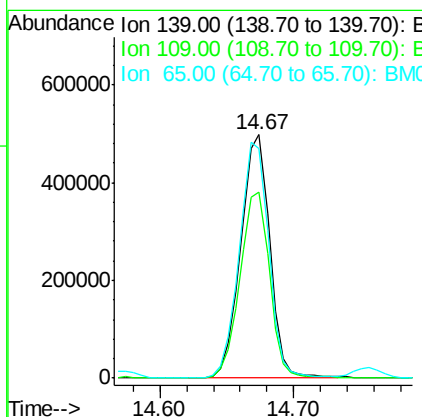
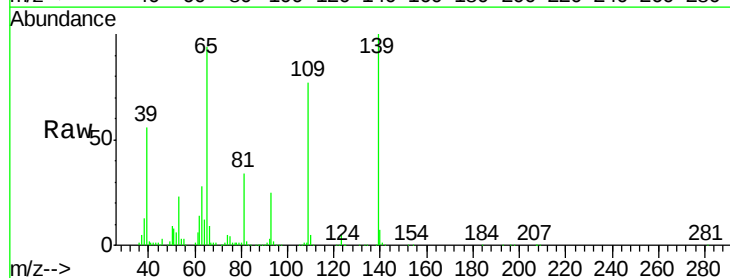
Manual Integrations
APPROVED

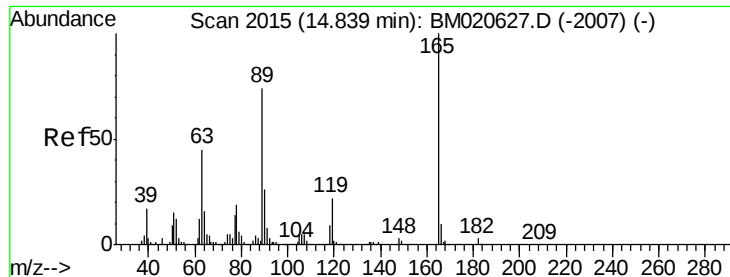
mohammad
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#56
4-Nitrophenol
Concen: 83.858 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.5	62.7	102.7
65	94.4	88.3	128.3





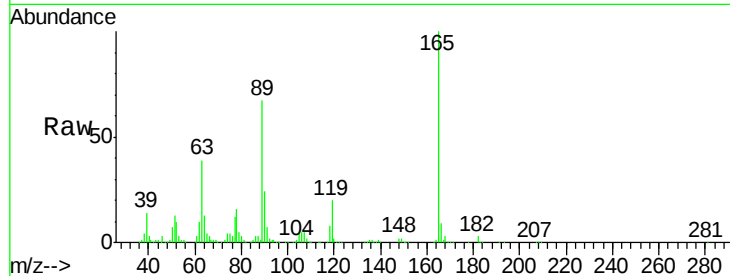
#57
2,4-Dinitrotoluene
Concen: 44.269 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		644175		
63	39.2		36.3	54.5	
89	66.9		59.0	88.6	
182	2.8		2.2	3.4	

Manual Integrations
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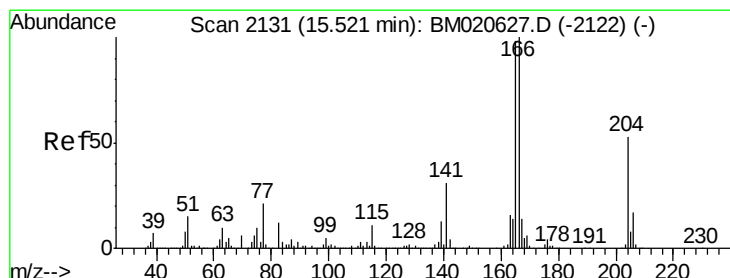
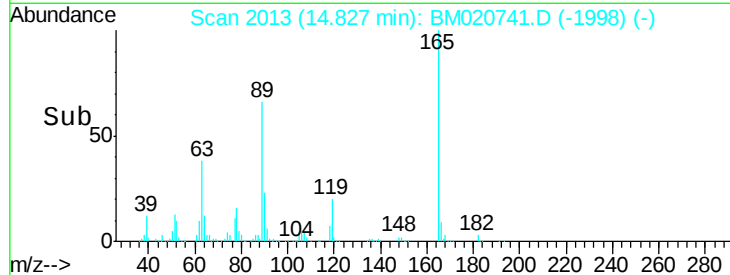
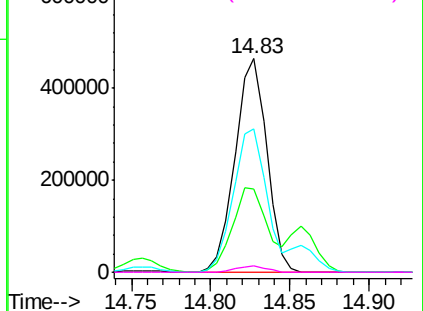


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM020627.D (-2007) (-)

Ion 89.00 (88.70 to 89.70): BM020627.D (-2007) (-)

Ion 182.00 (181.70 to 182.70): E



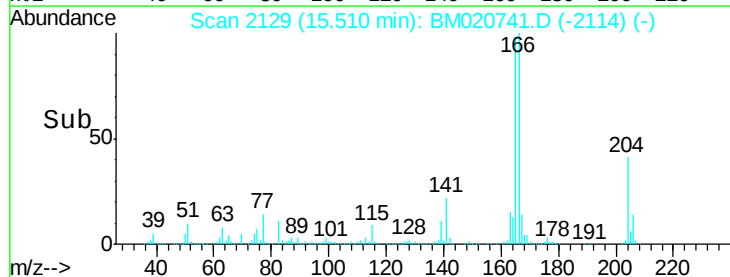
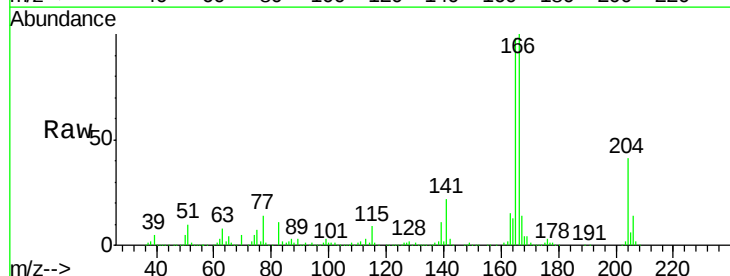
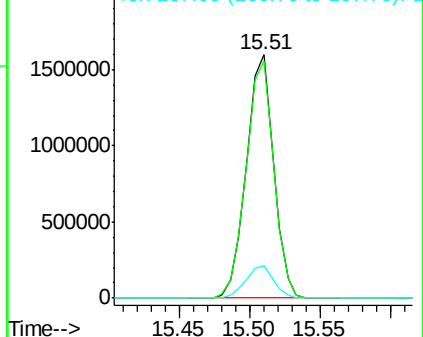
#58
Fluorene
Concen: 43.554 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

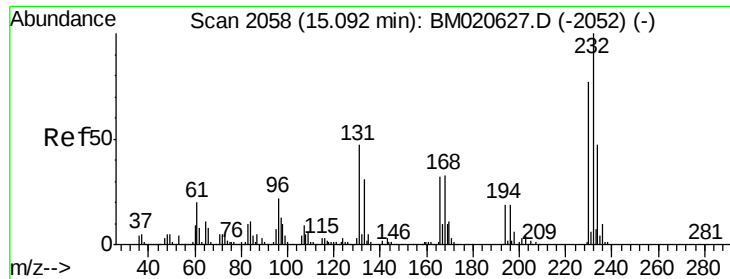
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2184264		
165	97.6		78.6	117.8	
167	13.6		11.0	16.4	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





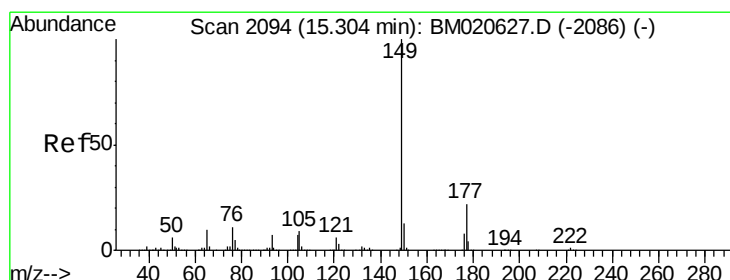
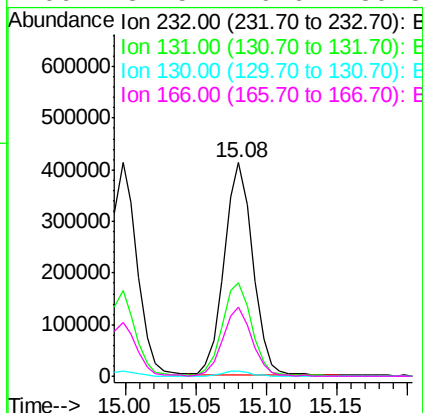
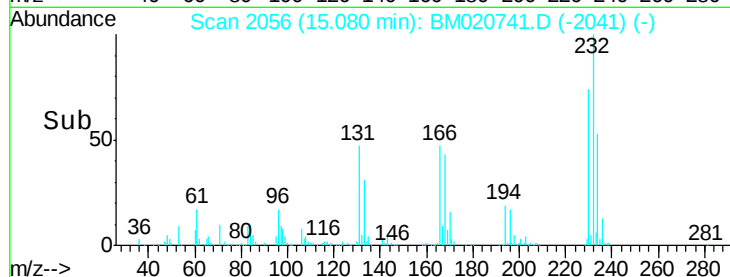
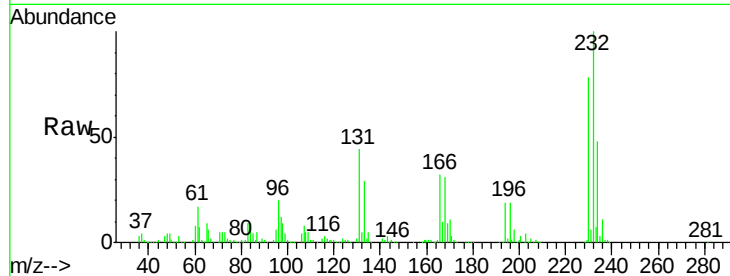
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.052 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion:	232	Resp:	583140
Ion Ratio	Lower	Upper	
232	100		
131	44.8	38.6	57.8
130	2.4	2.2	3.2
166	32.5	26.6	39.8

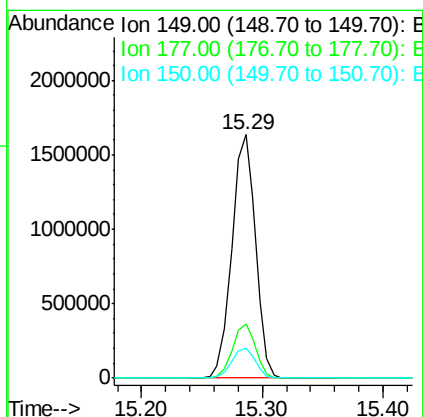
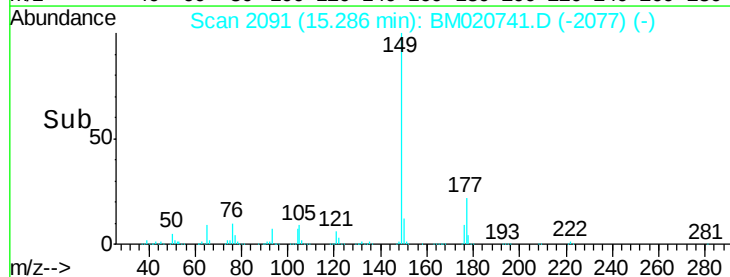
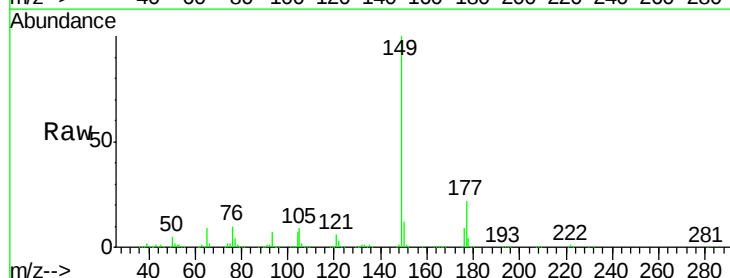
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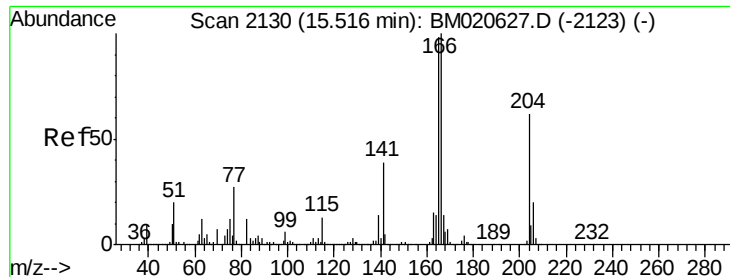
mohammad
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#60
 Diethylphthalate
 Concen: 40.353 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion:	149	Resp:	2227540
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.2	25.8
150	12.4	10.1	15.1





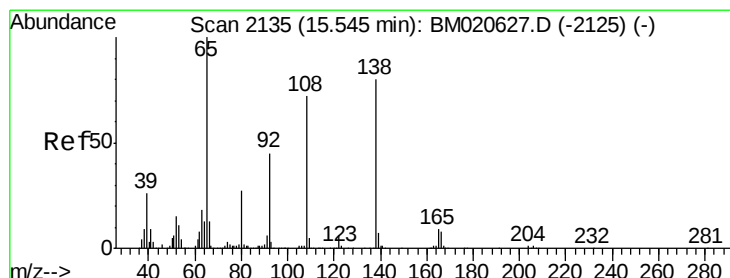
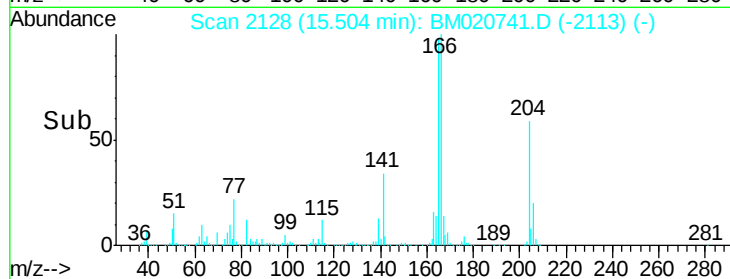
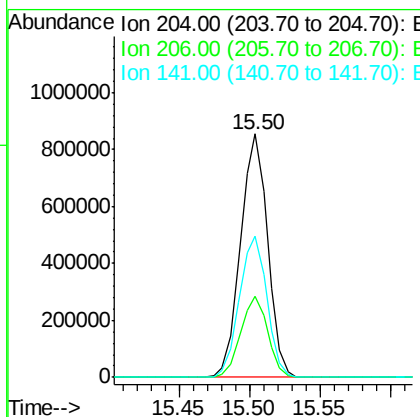
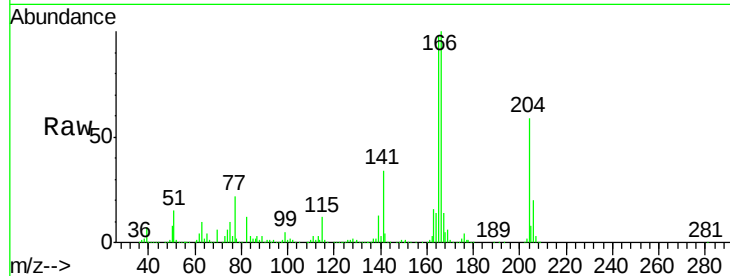
#61
4-Chlorophenyl-phenylether
Concen: 43.164 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampled :
PB120321BS

Tot Ion:204 Resp: 1146159
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.8
141 58.1 50.2 75.4

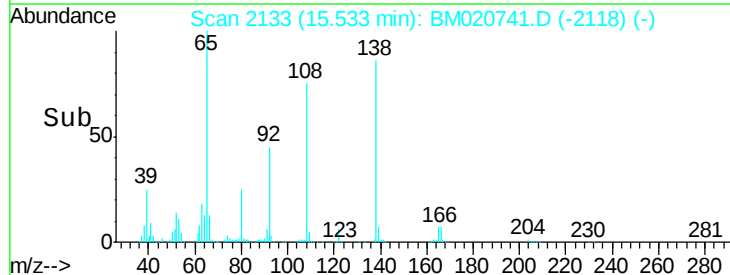
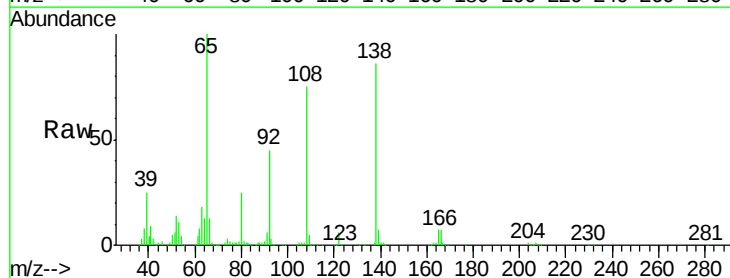
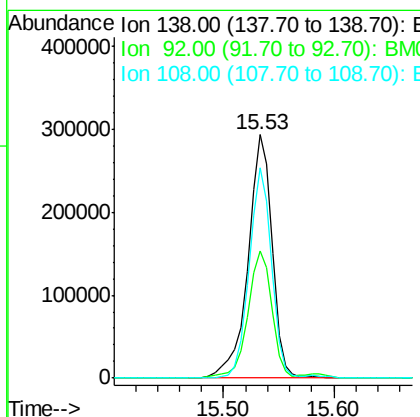
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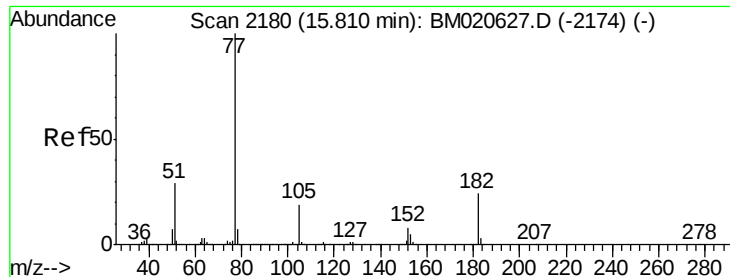
mohammad
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#62
4-Nitroaniline
Concen: 35.146 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:138 Resp: 452154
Ion Ratio Lower Upper
138 100
92 52.4 36.7 76.7
108 86.6 70.3 110.3





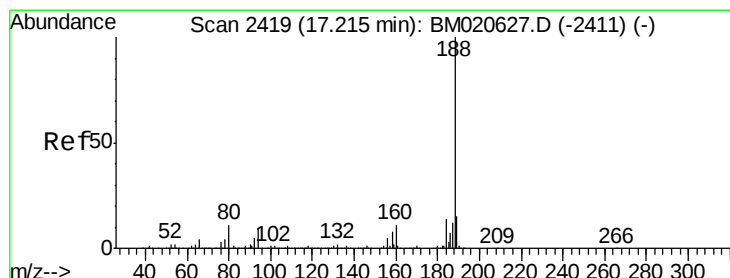
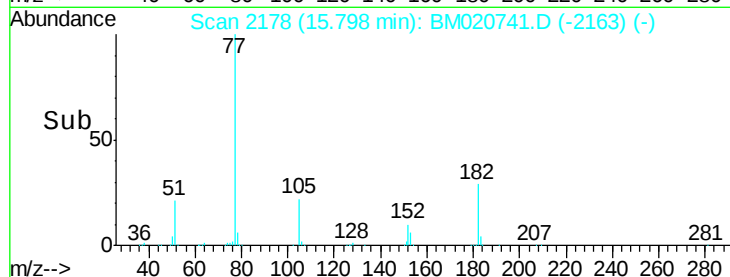
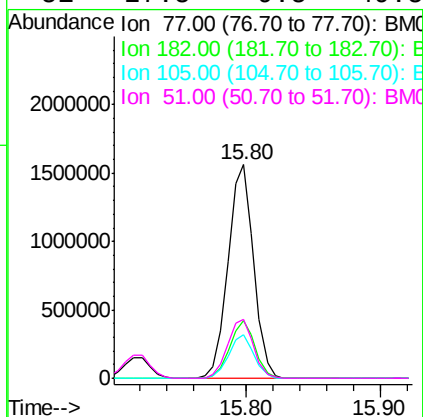
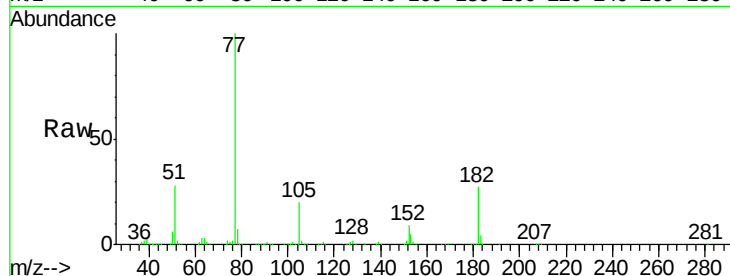
#63
Azobenzene
Concen: 39.486 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	3.6	43.6
105	20.2	0.0	39.4
51	27.5	9.5	49.5

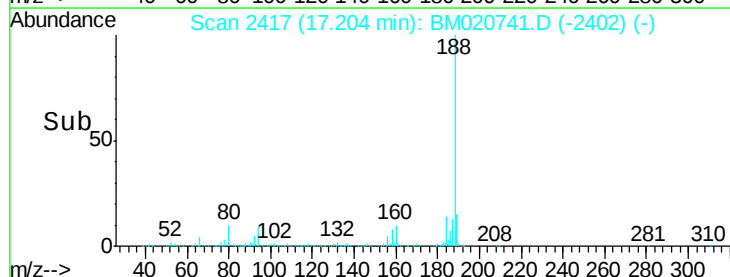
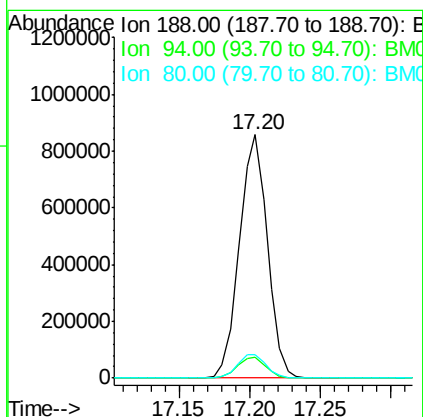
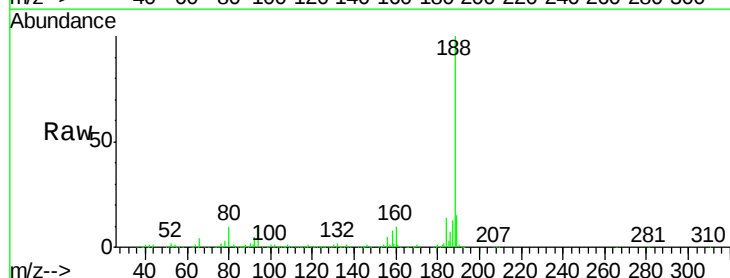
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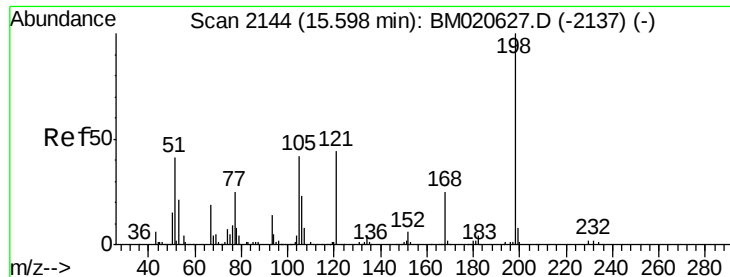
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.8
80	9.8	9.0	13.6





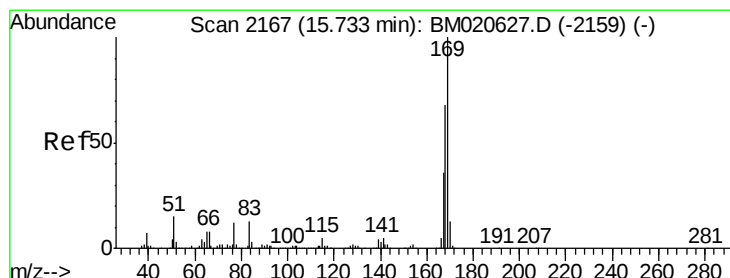
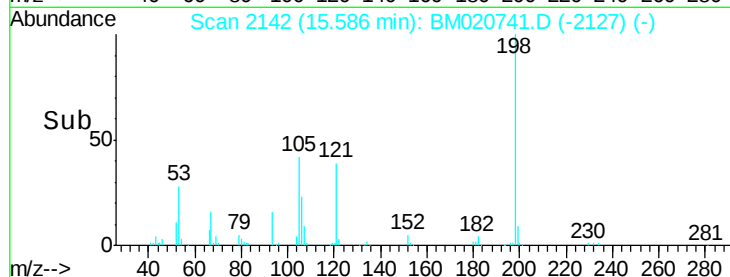
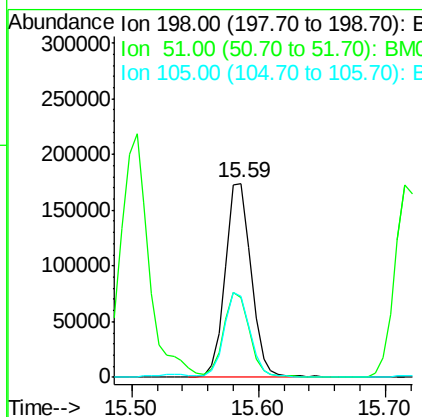
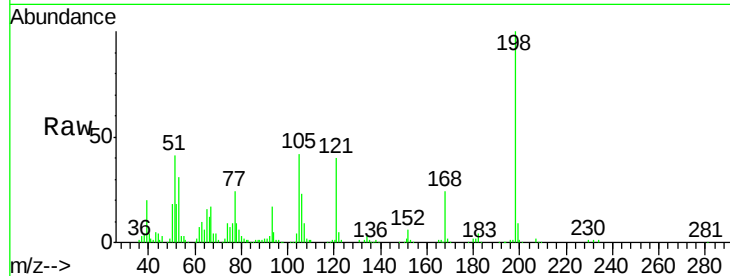
#65
4,6-Dinitro-2-methylphenol
Concen: 46.148 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246991		
51	40.8		27.7	67.7
105	41.9		23.8	63.8

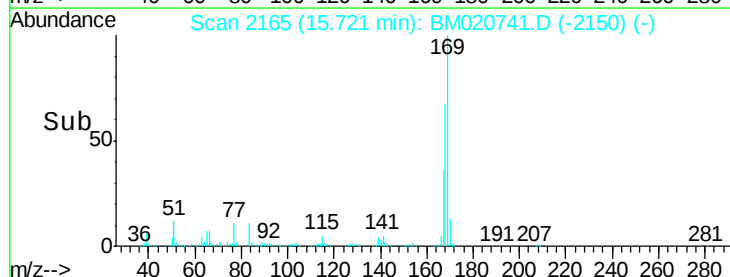
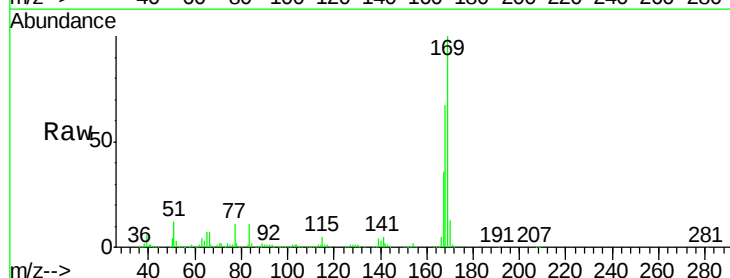
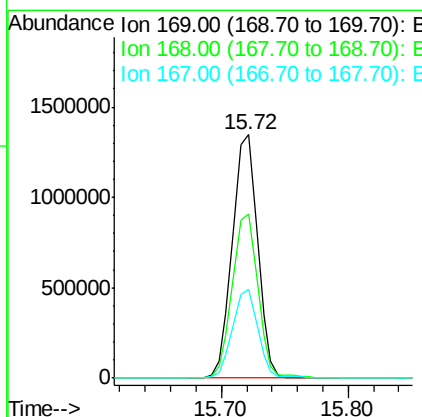
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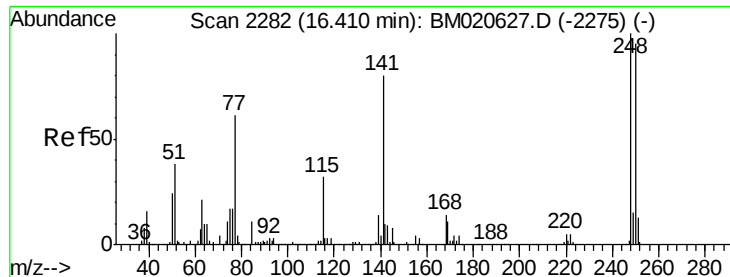
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#66
n-Nitrosodiphenylamine
Concen: 48.766 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1853082		
168	67.5		54.2	81.4
167	36.4		29.1	43.7





#67

4-Bromophenyl-phenylether

Concen: 48.094 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

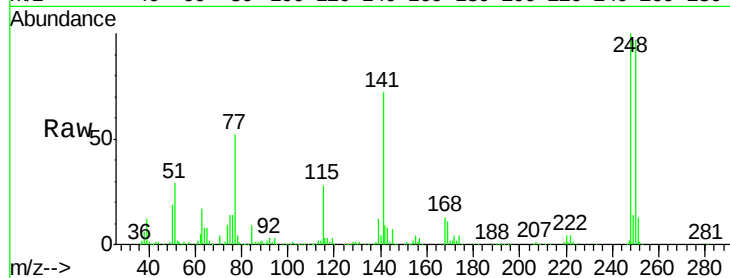
ClientSampleId :

PB120321BS

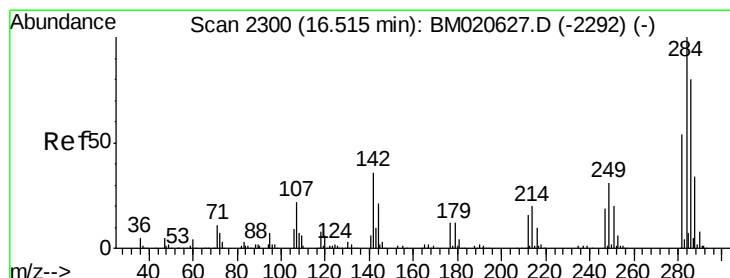
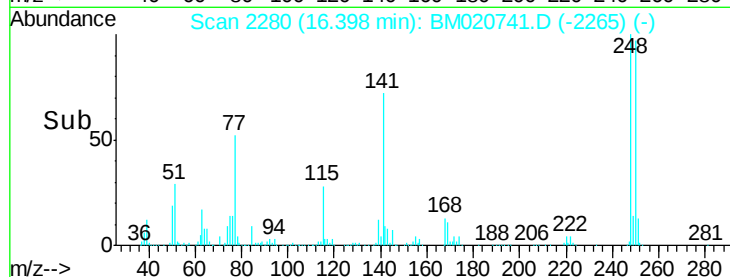
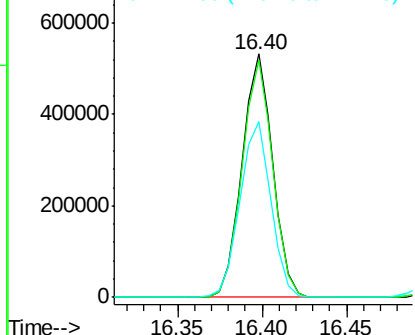
Tot Ion:	248	Resp:	672154
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.3	114.5
141	72.4	64.2	96.2

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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: 47.528 ng

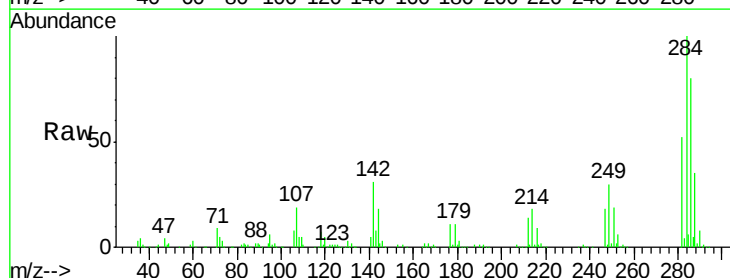
RT: 16.50 min Scan# 2298

Delta R.T. -0.01 min

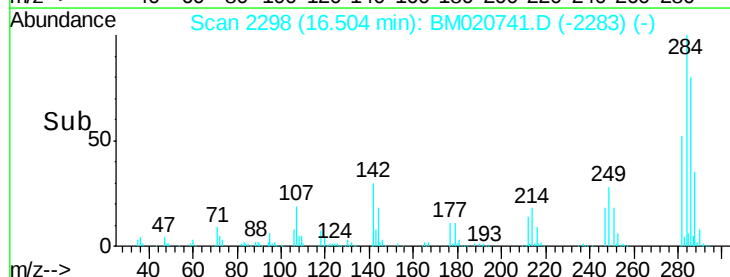
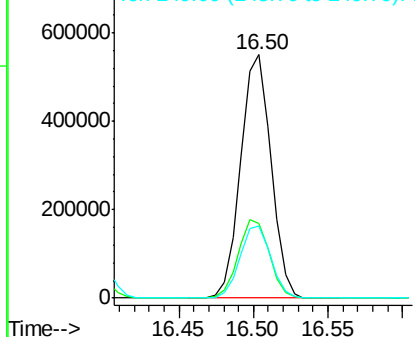
Lab File: BM020741.D

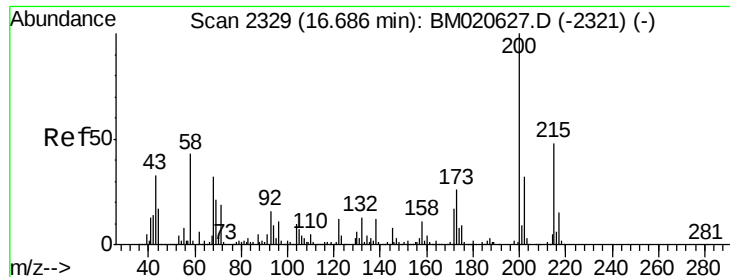
Acq: 05 Jun 2019 17:58

Tgt Ion:	284	Resp:	775648
Ion Ratio	Lower	Upper	
284	100		
142	30.7	28.6	42.8
249	29.7	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





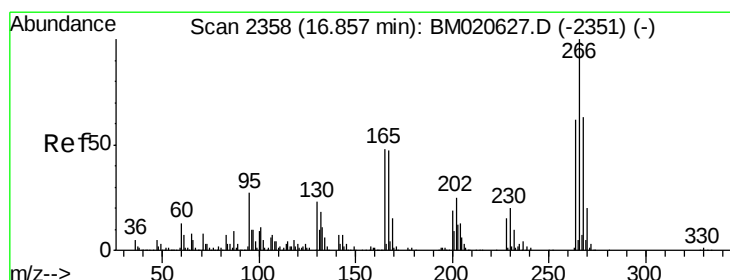
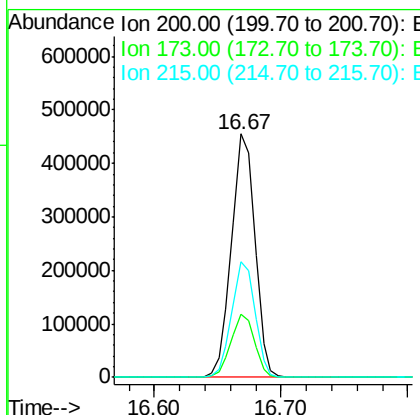
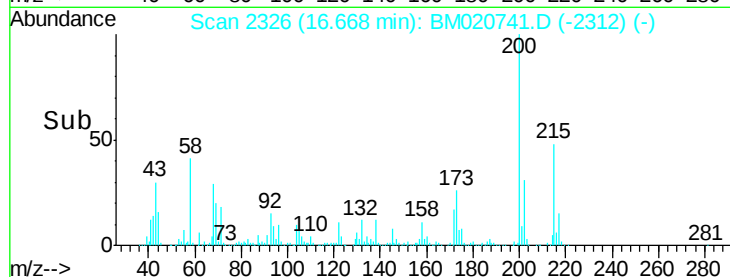
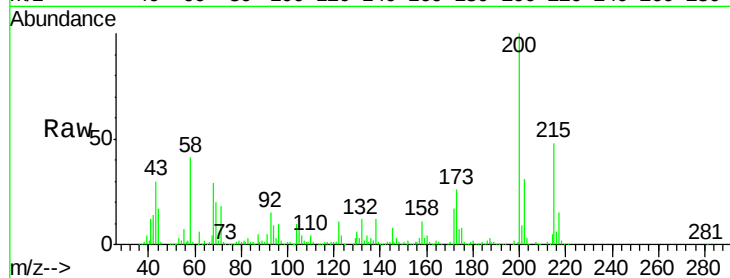
#69
Atrazine
Concen: 51.346 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	6.2	46.2
215	47.5	27.7	67.7

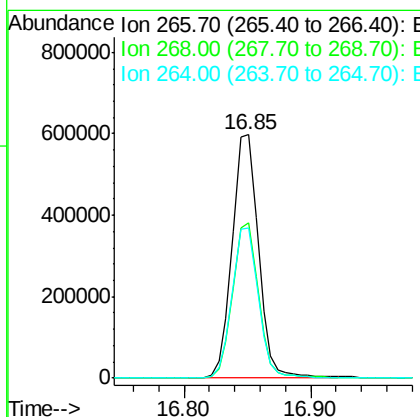
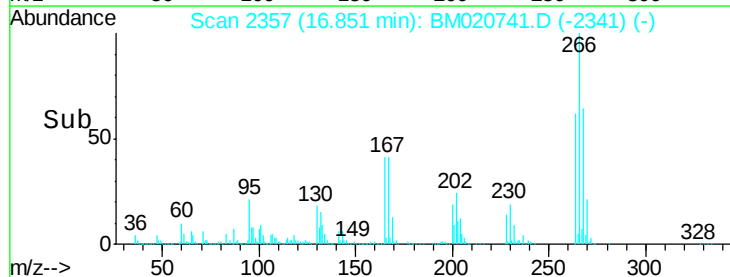
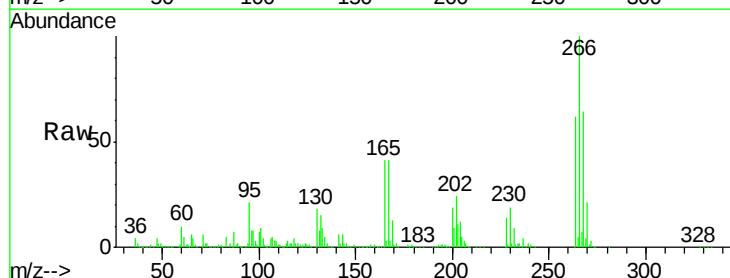
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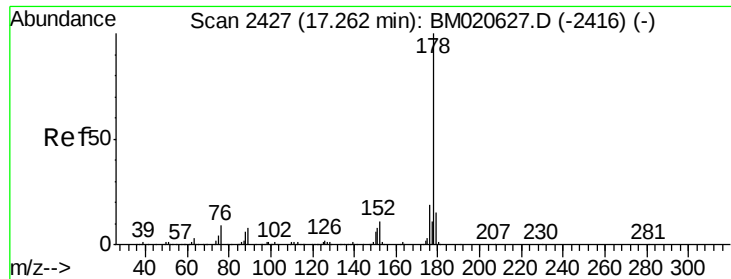
mohammad
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#70
Pentachlorophenol
Concen: 110.127 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	50.6	75.8
264	61.9	49.6	74.4





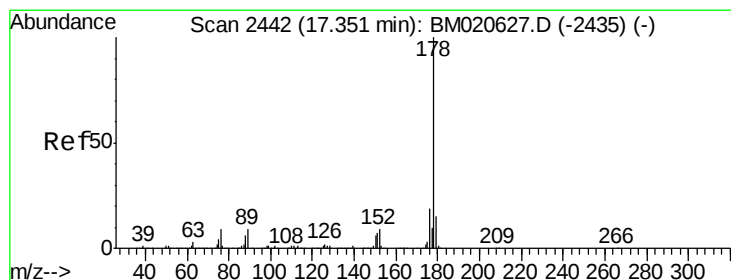
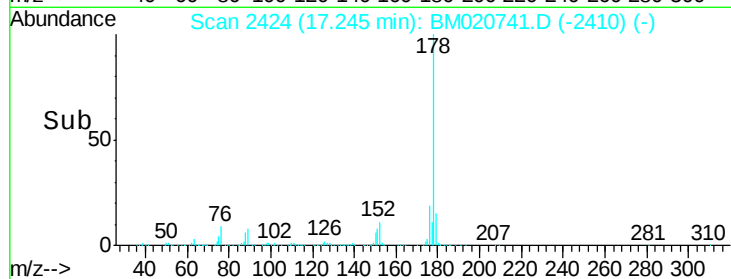
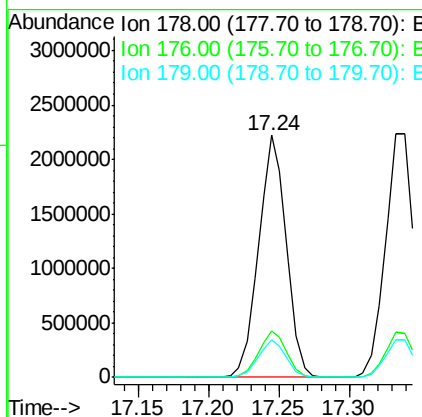
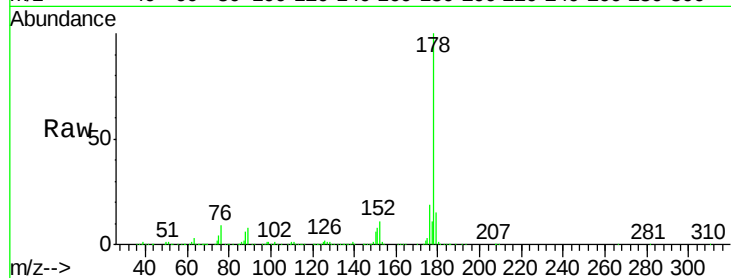
#71
Phenanthrene
Concen: 45.562 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.2	18.4

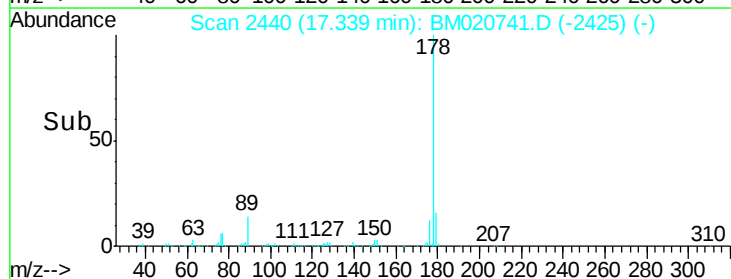
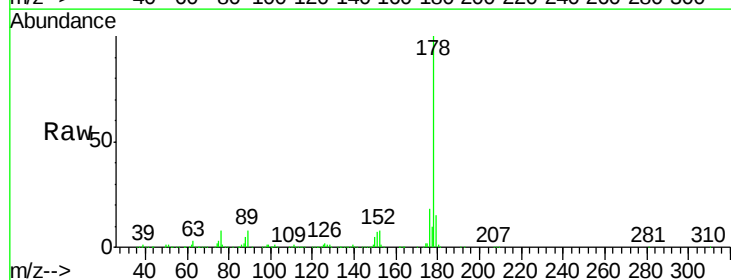
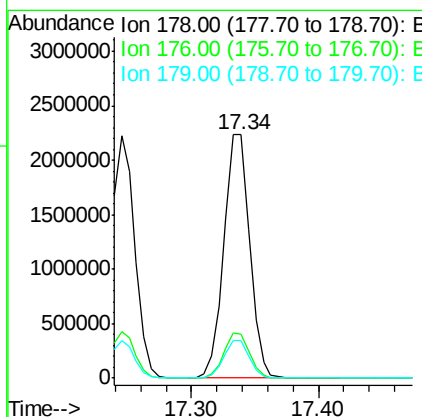
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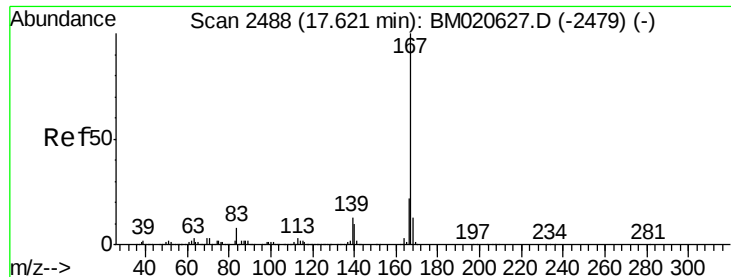
mohammad
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#72
Anthracene
Concen: 46.695 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.2	12.3	18.5





#73

Carbazole

Concen: 43.170 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:167 Resp: 2638198

Ion Ratio Lower Upper

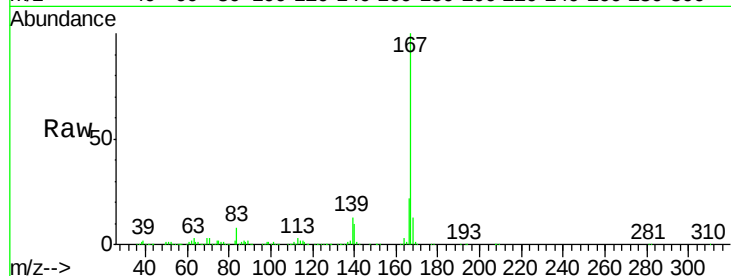
167 100

166 21.8 17.5 26.3

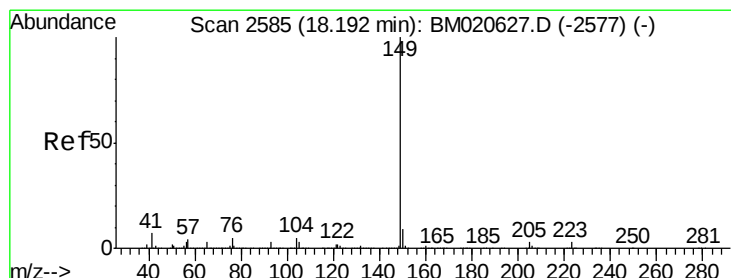
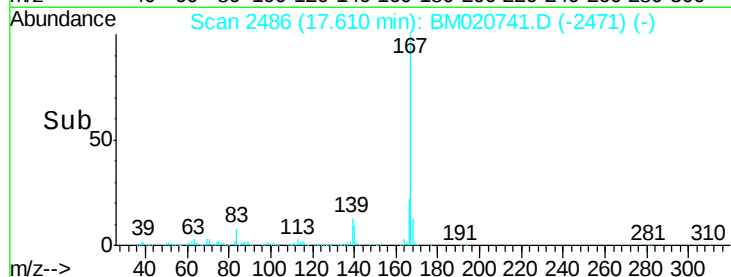
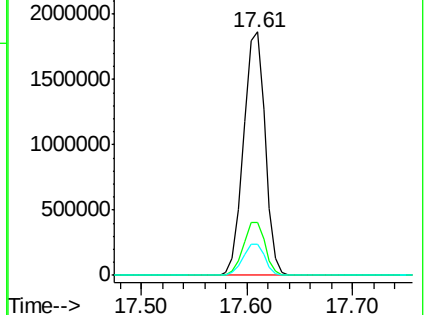
139 12.9 10.6 15.8

Manual Integrations
APPROVED

mohammad
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Abundance Ion 167.00 (166.70 to 167.70): E
2500000
Ion 166.00 (165.70 to 166.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
1500000
1000000
500000
0



#74

Di-n-butylphthalate

Concen: 40.404 ng

RT: 18.17 min Scan# 2581

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

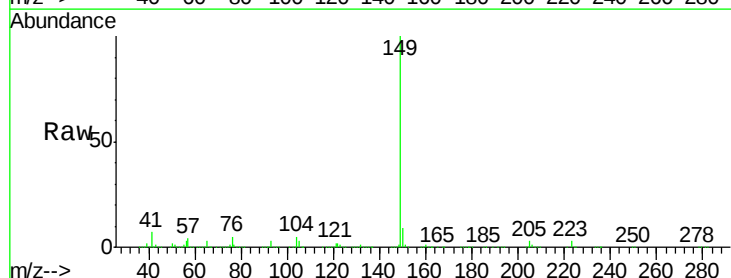
Tgt Ion:149 Resp: 3205257

Ion Ratio Lower Upper

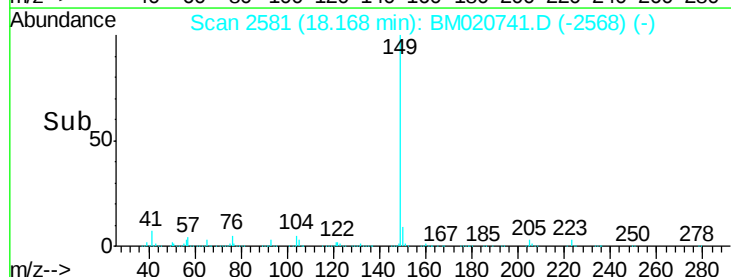
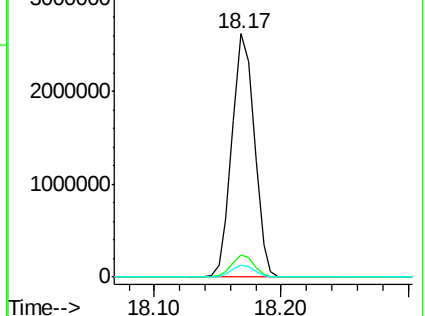
149 100

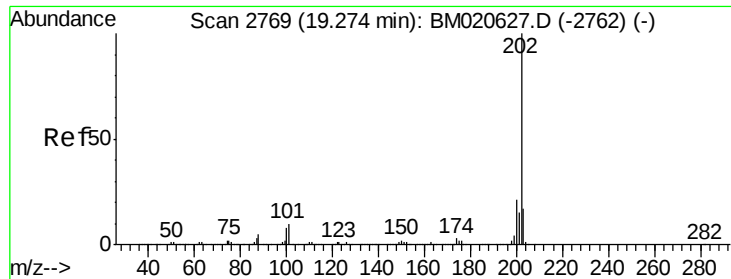
150 9.3 7.2 10.8

104 4.9 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 150.00 (149.70 to 150.70): E
2000000
Ion 104.00 (103.70 to 104.70): E
1000000
0





#75

Fluoranthene

Concen: 42.557 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

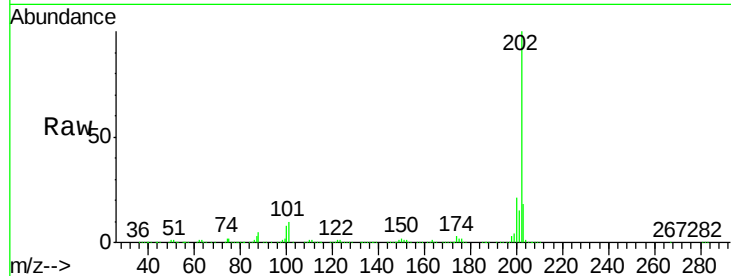
ClientSampleId :

PB120321BS

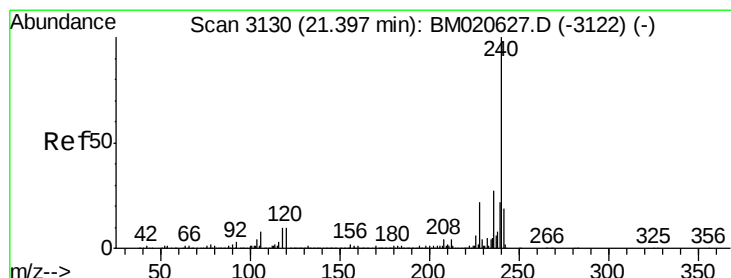
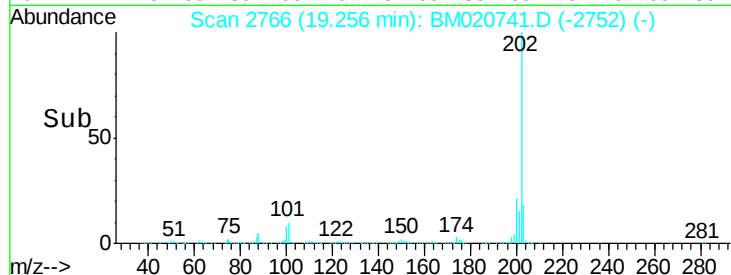
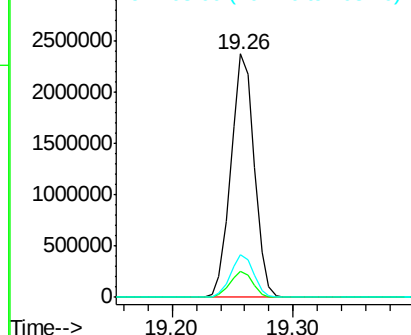
Tot Ion:	202	Resp:	3184319
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.7	0.0	37.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

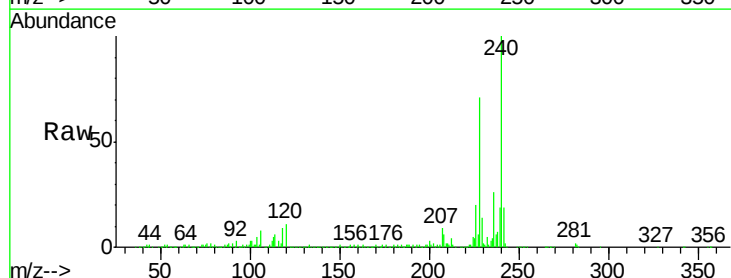
RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

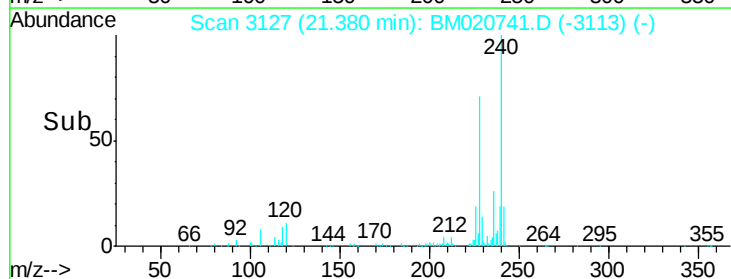
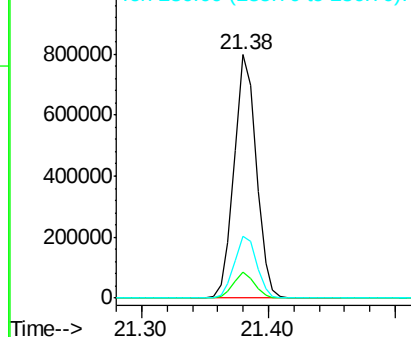
Lab File: BM020741.D

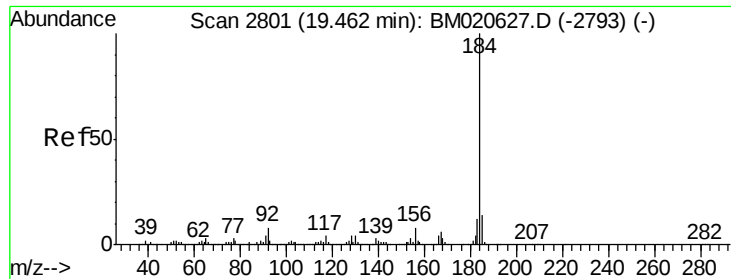
Acq: 05 Jun 2019 17:58

Tgt Ion:	240	Resp:	957310
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.2	12.2
236	25.6	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.861 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:184 Resp: 1301308

Ion Ratio Lower Upper

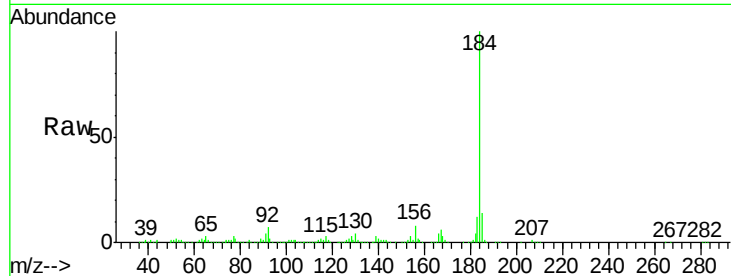
184 100

185 14.3 11.3 16.9

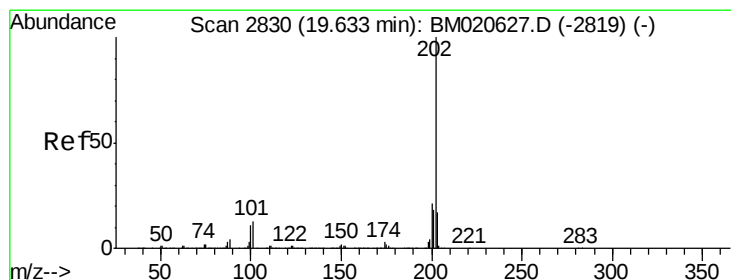
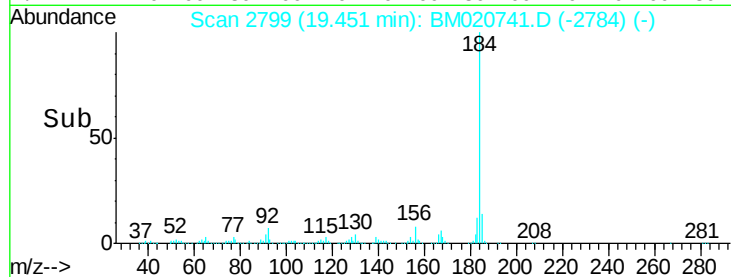
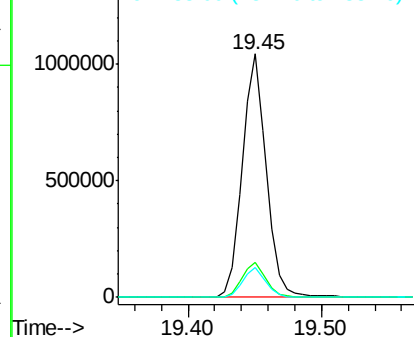
183 12.1 9.8 14.6

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



#78

Pyrene

Concen: 43.736 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

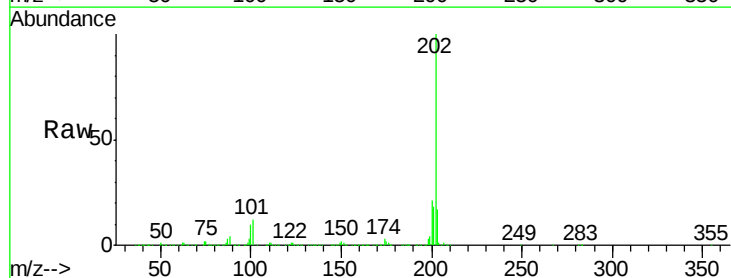
Tgt Ion:202 Resp: 3212945

Ion Ratio Lower Upper

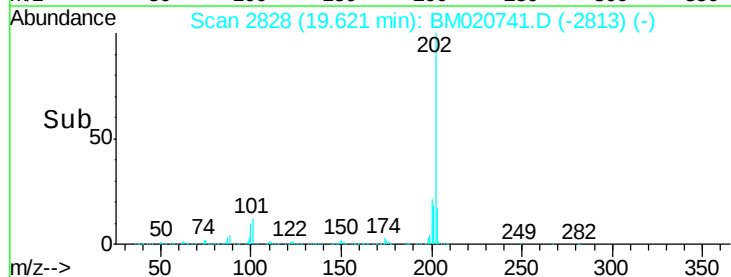
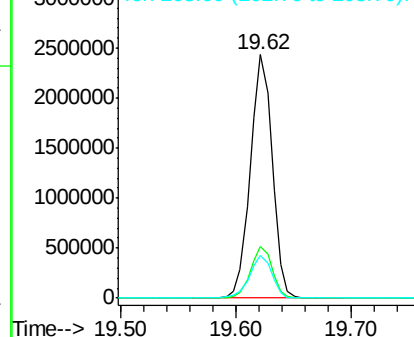
202 100

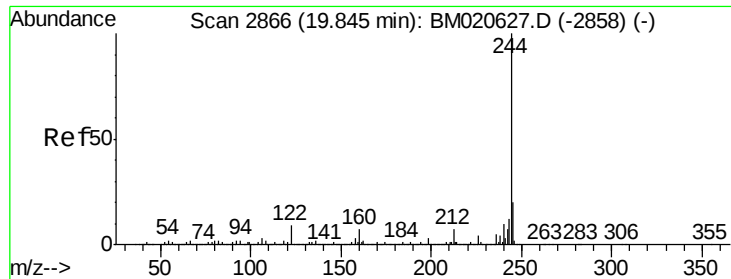
200 21.2 16.8 25.2

203 17.5 13.9 20.9



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





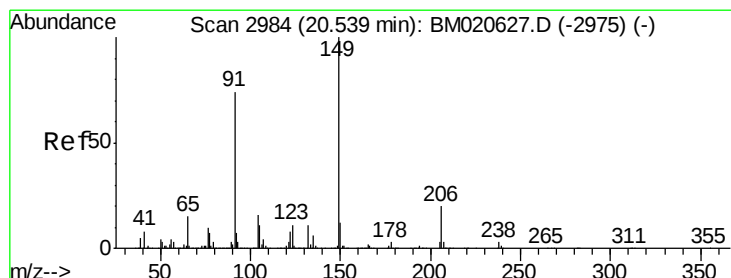
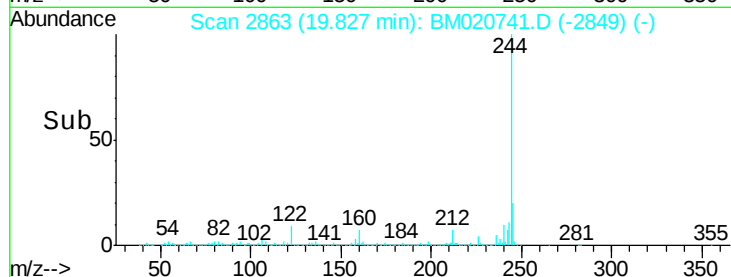
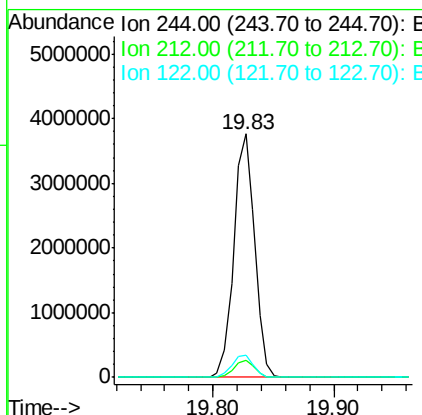
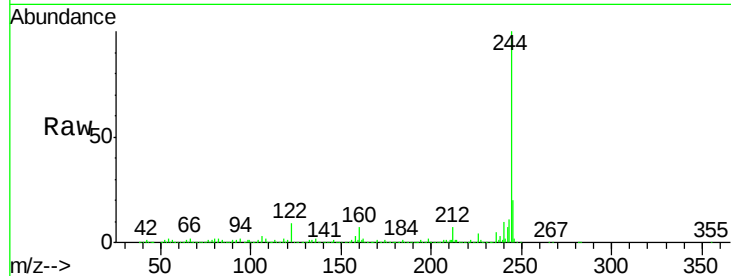
#79
 Terphenyl-d14
 Concen: 78.928 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion:244 Resp: 4517310
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.1 7.2 10.8

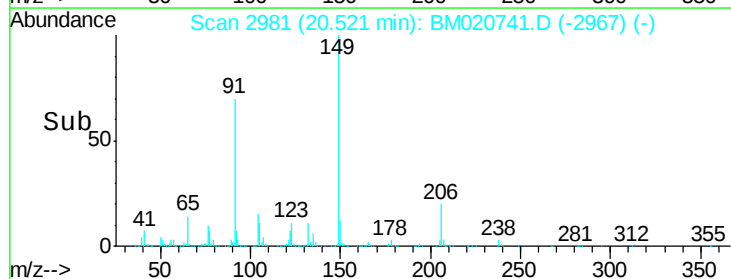
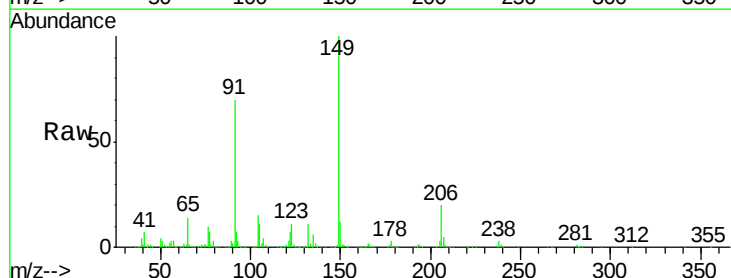
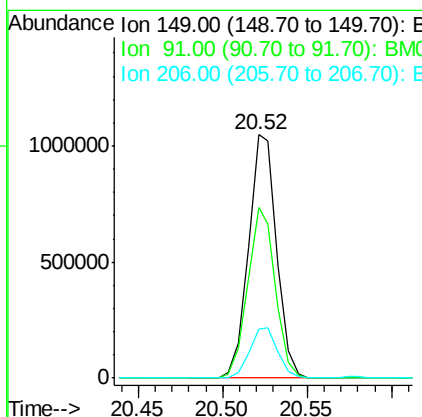
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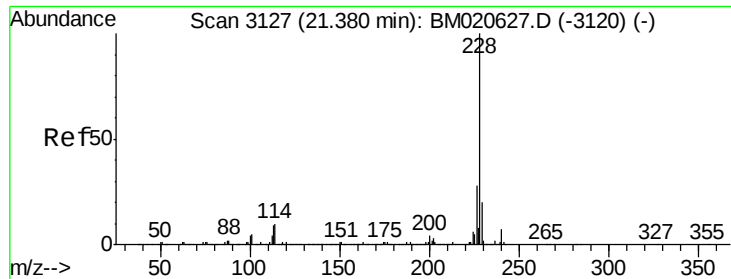
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.114 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion:149 Resp: 1214319
 Ion Ratio Lower Upper
 149 100
 91 70.3 59.6 89.4
 206 20.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.844 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

ClientSampleId :

PB120321BS

Tot Ion:228 Resp: 2922874

Ion Ratio Lower Upper

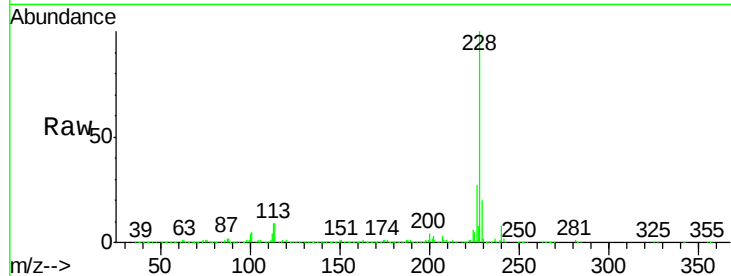
228 100

226 27.2 22.3 33.5

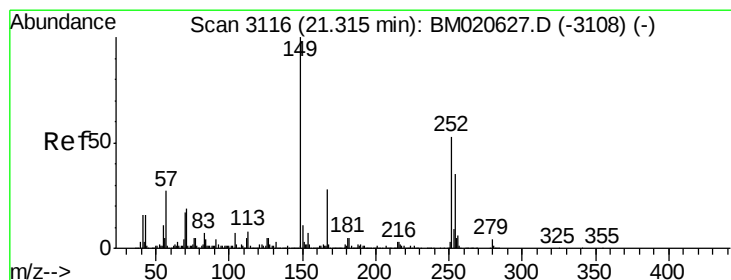
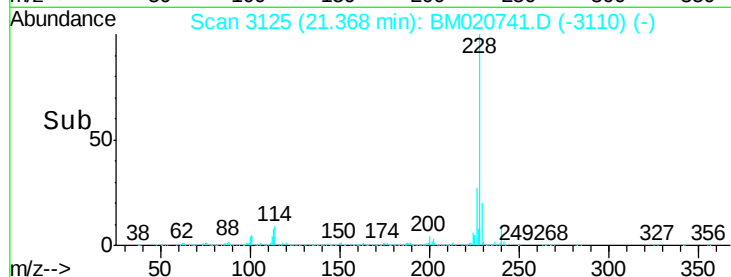
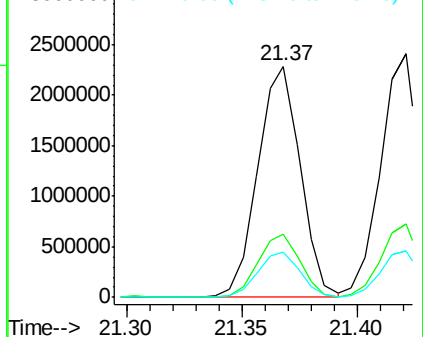
229 19.7 15.9 23.9

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



#82

3,3'-Dichlorobenzidine

Concen: 35.097 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

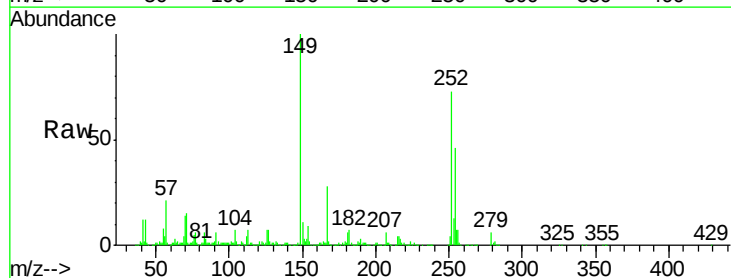
Tgt Ion:252 Resp: 856789

Ion Ratio Lower Upper

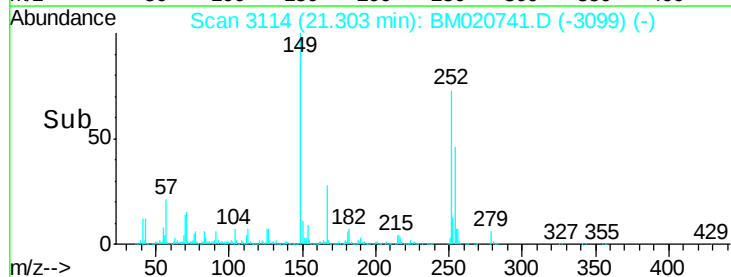
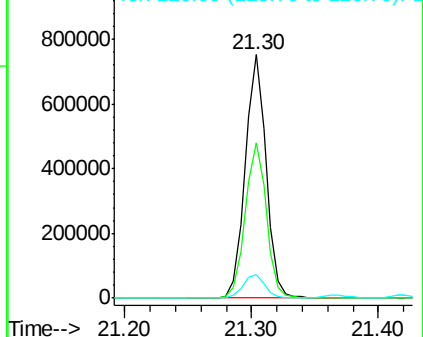
252 100

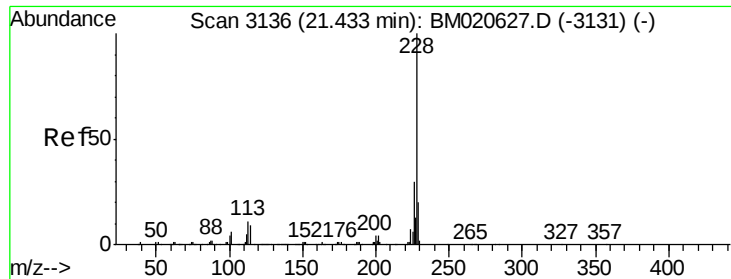
254 64.0 52.6 78.8

126 9.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





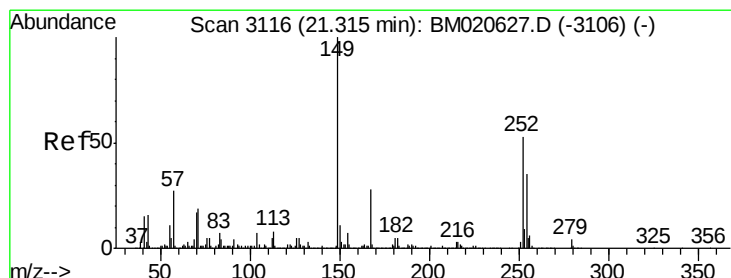
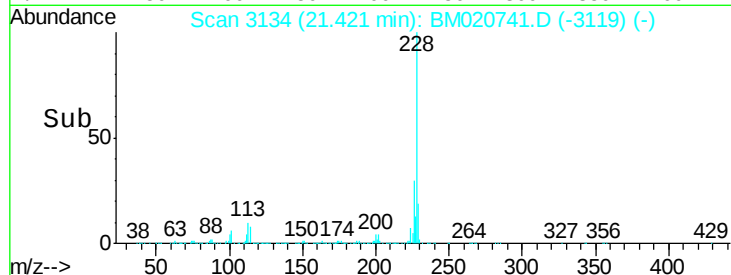
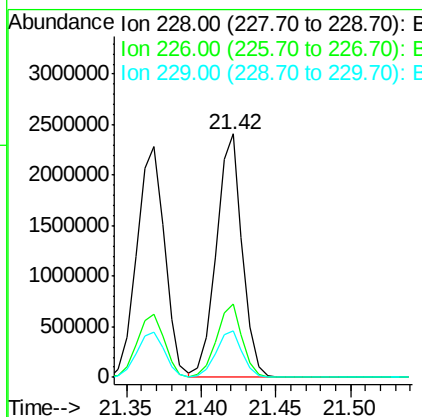
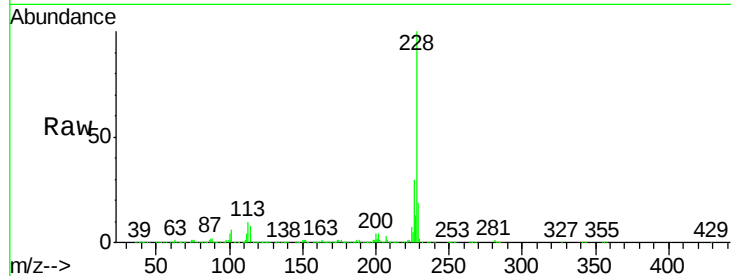
#83
 Chrysene
 Concen: 45.914 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Instrument :
 BNA_M
 ClientSampleId :
 PB120321BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.4	15.8	23.6

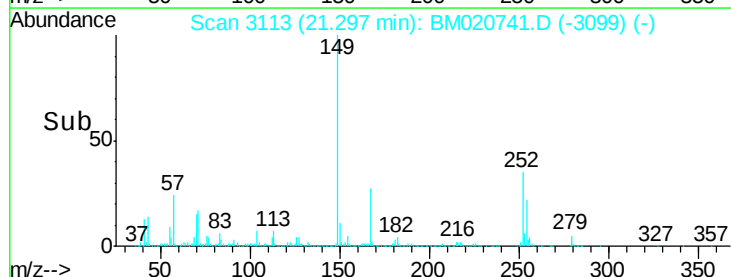
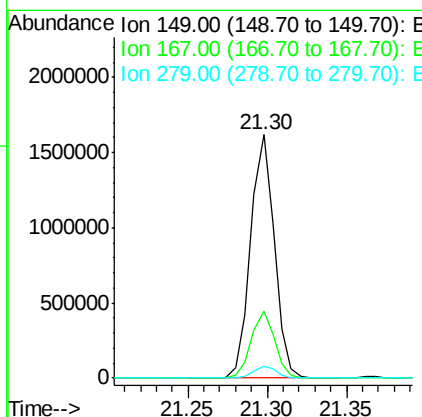
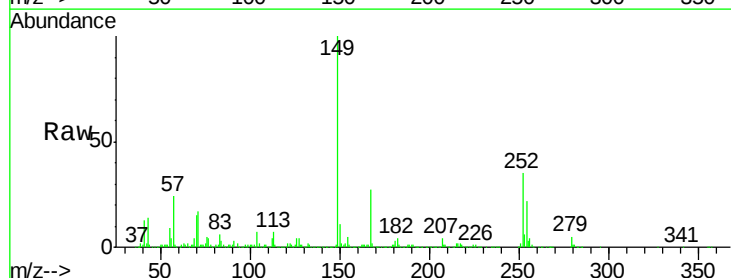
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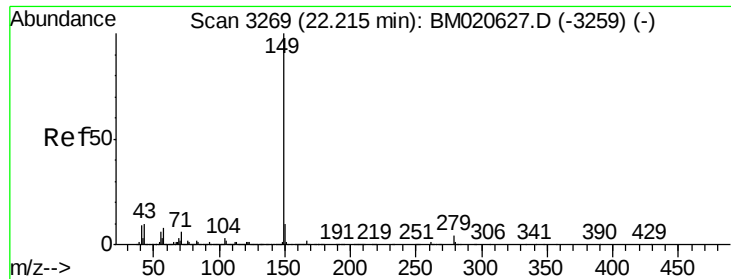
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.312 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020741.D
 Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.7	3.4	5.0





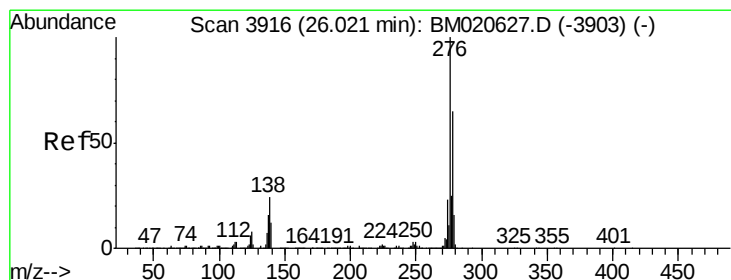
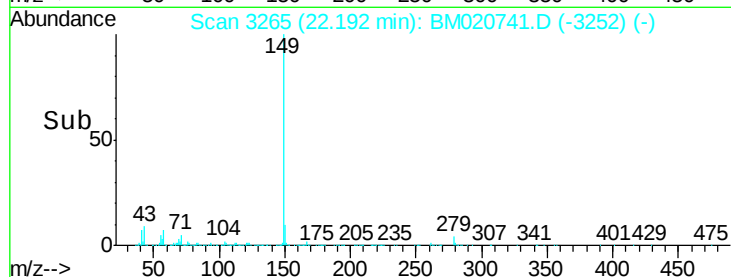
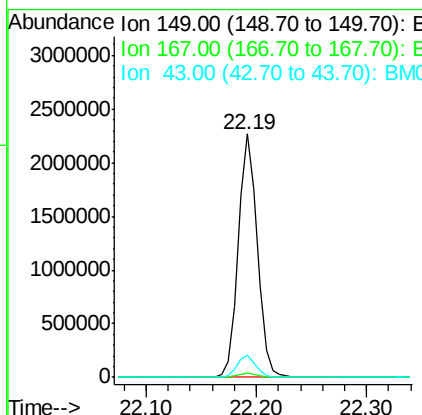
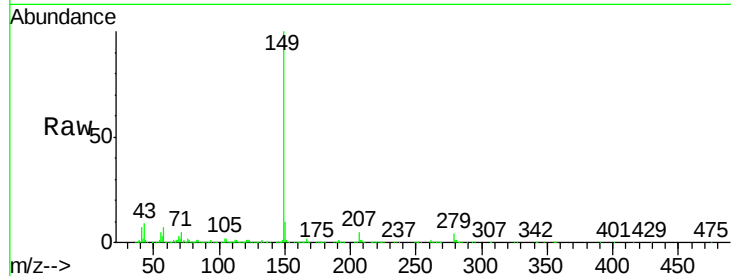
#85
Di-n-octyl phthalate
Concen: 38.311 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	8.2	12.4

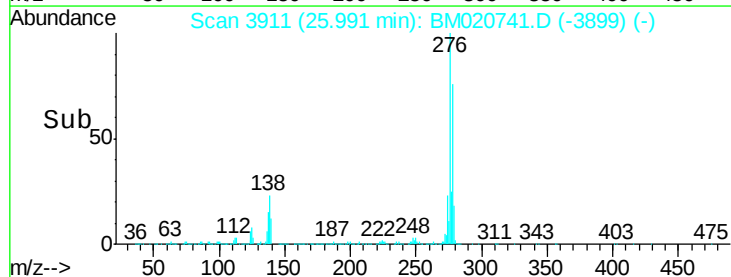
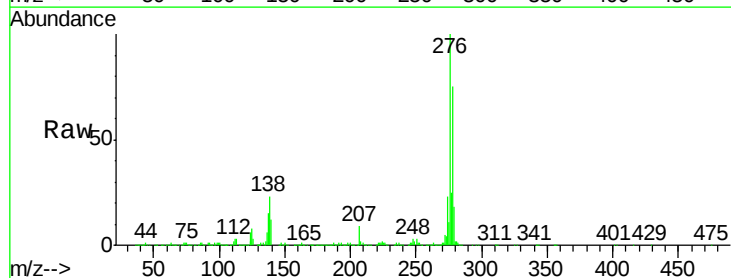
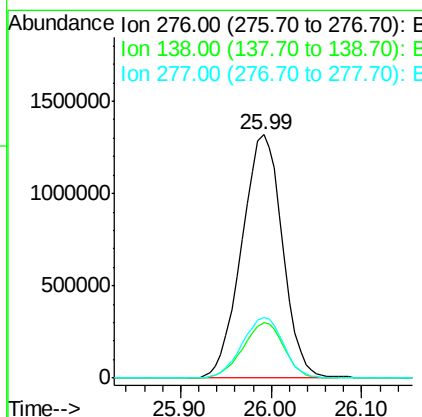
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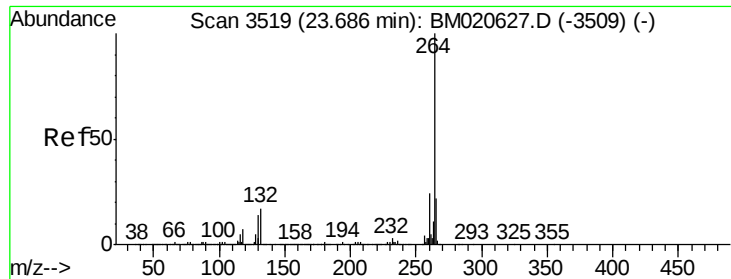
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#86
Indeno(1,2,3-cd)pyrene
Concen: 63.659 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.8	29.8
277	25.4	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020741.D

Acq: 05 Jun 2019 17:58

Instrument :

BNA_M

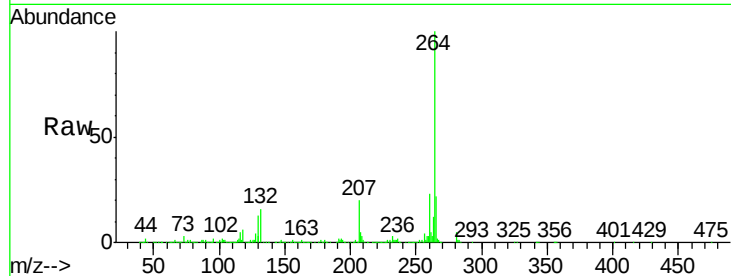
ClientSampleId :

PB120321BS

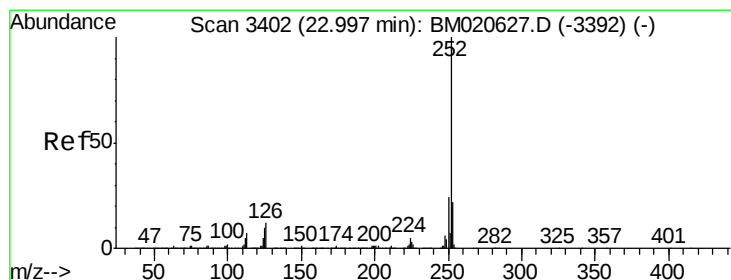
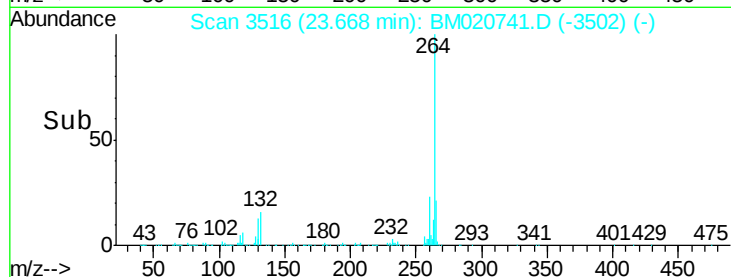
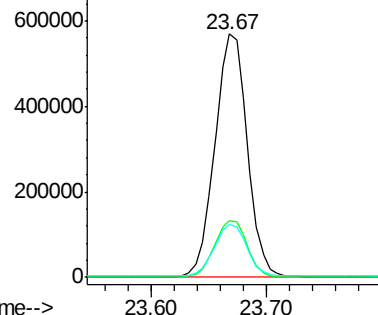
Tot Ion:	264	Resp:	1112142
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.9	17.6	26.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.736 ng

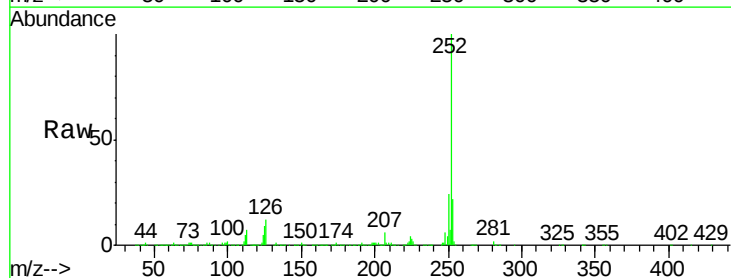
RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

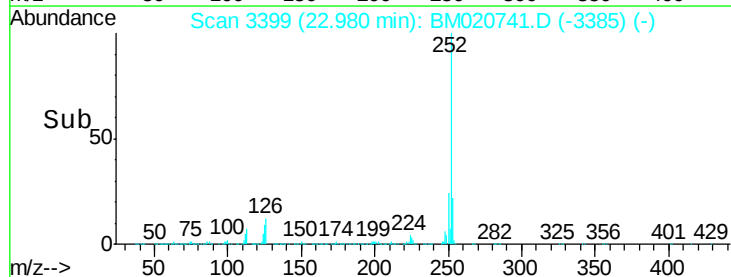
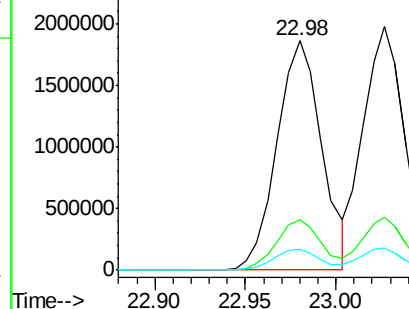
Lab File: BM020741.D

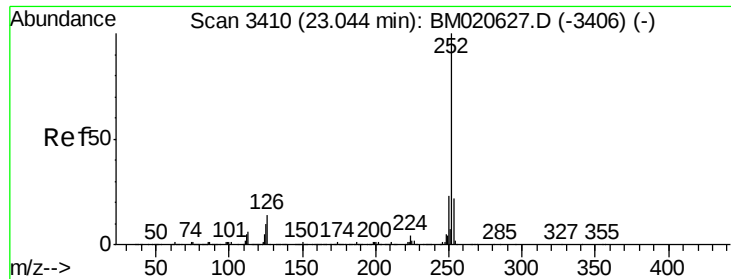
Acq: 05 Jun 2019 17:58

Tgt Ion:	252	Resp:	3214871
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	9.1	7.8	11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





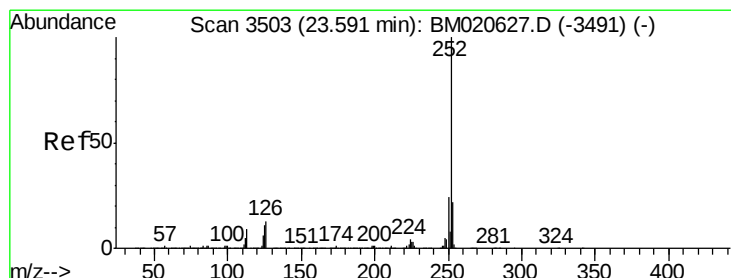
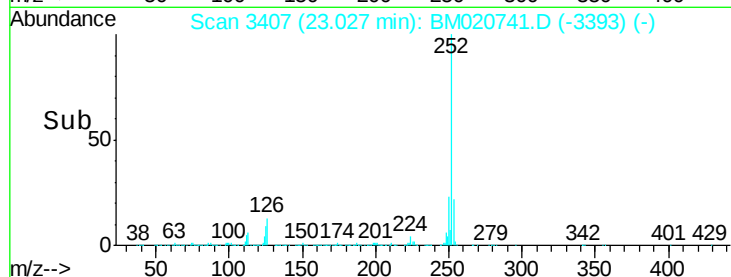
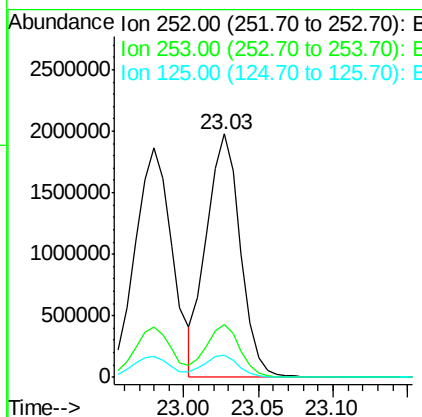
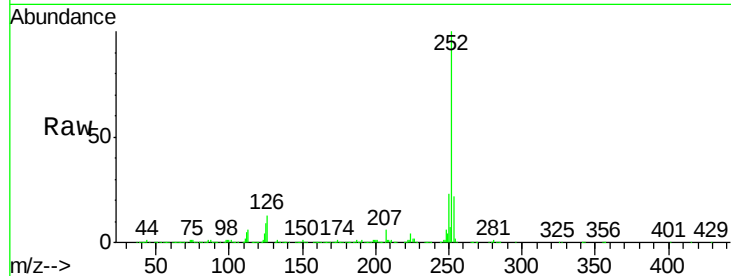
#89
Benzo(k)fluoranthene
Concen: 43.255 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion:252 Resp: 3107183
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 8.9 7.8 11.8

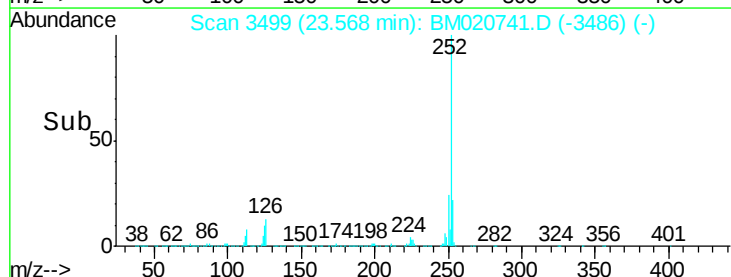
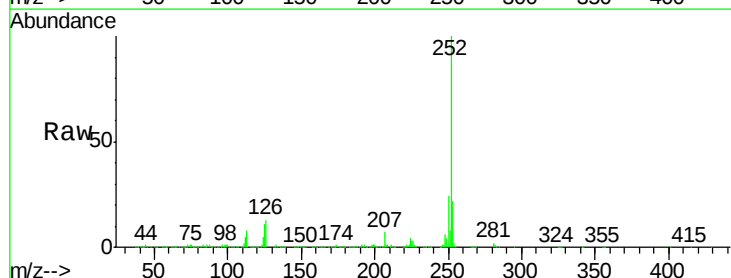
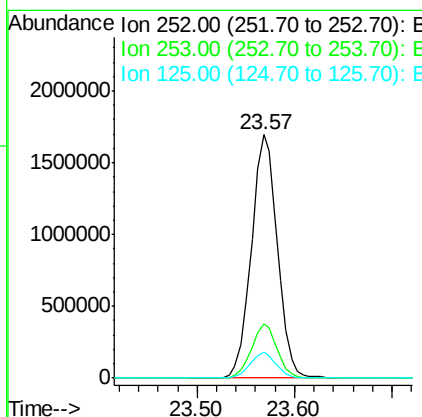
Manual Integrations
APPROVED

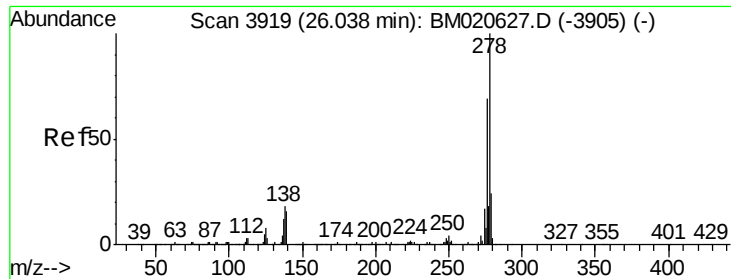
mohammad
6/6/2019 11:21:52 AM



#90
Benzo(a)pyrene
Concen: 47.640 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion:252 Resp: 3176356
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 8.6 13.0





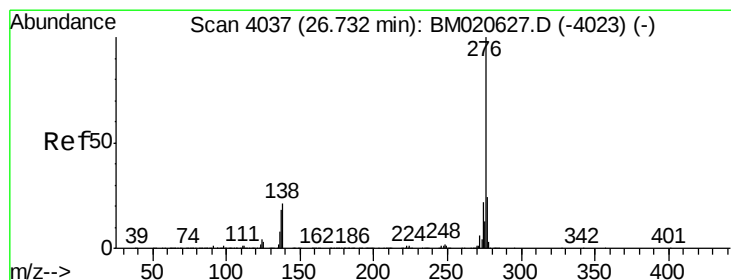
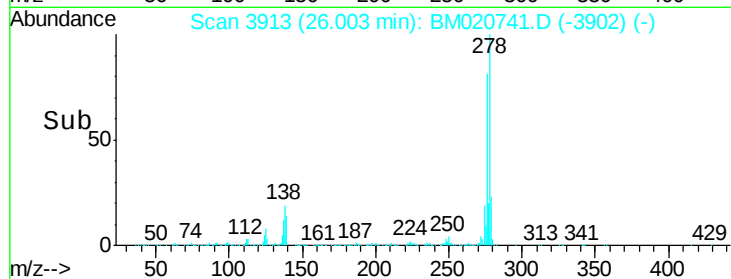
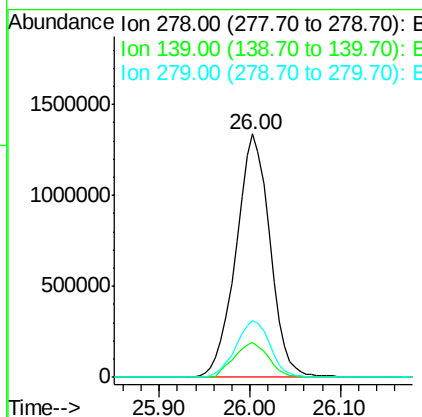
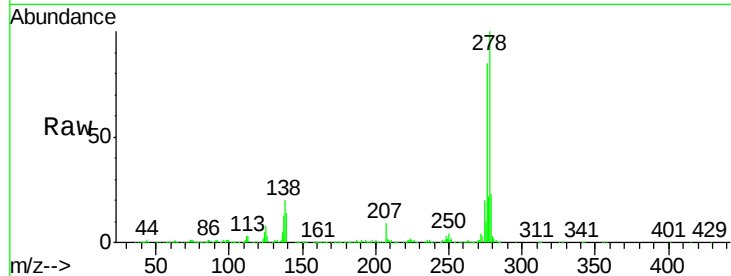
#91
Dibenzo(a,h)anthracene
Concen: 53.623 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Instrument :
BNA_M
ClientSampleId :
PB120321BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	18.8
279	23.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:52 AM



#92
Benzo(g,h,i)perylene
Concen: 56.246 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020741.D
Acq: 05 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	19.9	17.0	25.4

