

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020730.D
 Acq On : 05 Jun 2019 11:17
 Operator : HP/JU
 Sample : PB120172BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:30 AM

Quant Time: Jun 05 18:38:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	344538	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1406836	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	788820	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1536784	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1147568	20.00	ng	0.00
87) Perylene-d12	23.67	264	1239473	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2809512	143.44	ng	0.00
7) Phenol-d6	6.99	99	3744441	129.83	ng	0.00
23) Nitrobenzene-d5	8.99	82	2225491	81.96	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1391991	142.43	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	5218041	87.94	ng	0.00
79) Terphenyl-d14	19.83	244	5876092	85.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	310080	38.668	ng	100
3) Pyridine	3.74	79	902865	35.387	ng	100
4) n-Nitrosodimethylamine	3.66	42	403488	36.686	ng	97
6) Aniline	7.16	93	1300211	31.158	ng	100
8) 2-Chlorophenol	7.39	128	1111156	45.602	ng	98
9) Benzaldehyde	6.97	77	341573m	16.731	ng	
10) Phenol	7.02	94	1361953	43.821	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	980609	39.590	ng	100
12) 1,3-Dichlorobenzene	7.71	146	1110419	39.652	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1131699	39.752	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1097512	39.614	ng	99
15) Benzyl Alcohol	8.07	79	993658	38.946	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1349831	35.298	ng	98
17) 2-Methylphenol	8.26	107	919114	42.055	ng	99
18) Hexachloroethane	8.90	117	413014	37.892	ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	825824	35.622	ng	99
20) 3+4-Methylphenols	8.59	107	1223644	41.152	ng	100
22) Acetophenone	8.65	105	1532829	42.890	ng	99
24) Nitrobenzene	9.03	77	1197226	43.191	ng	98
25) Isophorone	9.55	82	2197265	40.681	ng	99
26) 2-Nitrophenol	9.73	139	538132	52.090	ng	97
27) 2,4-Dimethylphenol	9.79	122	1000505	51.683	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1351778	41.393	ng	99
29) 2,4-Dichlorophenol	10.26	162	1037809	48.456	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1095201	44.471	ng	98
31) Naphthalene	10.67	128	3175489	43.894	ng	99
32) Benzoic acid	9.93	122	539924	44.706	ng	100
33) 4-Chloroaniline	10.78	127	506876	15.055	ng	99
34) Hexachlorobutadiene	10.94	225	641910	43.441	ng	99
35) Caprolactam	11.57	113	290830m	39.087	ng	
36) 4-Chloro-3-methylphenol	11.90	107	1075014	43.171	ng	99
37) 2-Methylnaphthalene	12.27	142	2338576	43.611	ng	99
38) 1-Methylnaphthalene	12.50	142	2232582	43.725	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1237783	47.883	ng	99

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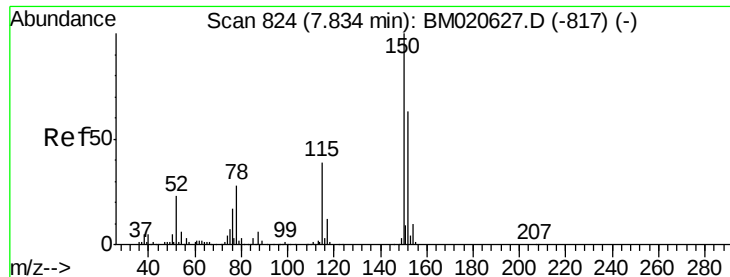
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1548127	100.135	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	800352	48.100	ng	98
44) 2,4,5-Trichlorophenol	12.95	196	855957	49.828	ng	98
46) 1,1'-Biphenyl	13.29	154	2978819	45.216	ng	100
47) 2-Chloronaphthalene	13.33	162	2299712	43.251	ng	100
48) 2-Nitroaniline	13.54	65	650351	38.970	ng	98
49) Acenaphthylene	14.19	152	3633862	43.801	ng	99
50) Dimethylphthalate	13.92	163	2811432	41.717	ng	100
51) 2,6-Dinitrotoluene	14.04	165	607309	44.380	ng	97
52) Acenaphthene	14.53	154	2112546	42.729	ng	98
53) 3-Nitroaniline	14.37	138	372665	24.399	ng	96
54) 2,4-Dinitrophenol	14.58	184	491711	83.205	ng	97
55) Dibenzofuran	14.86	168	3317747	43.207	ng	99
56) 4-Nitrophenol	14.67	139	917643	81.529	ng	99
57) 2,4-Dinitrotoluene	14.83	165	796199	43.455	ng	99
58) Fluorene	15.51	166	2657080	42.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	723422	48.328	ng	98
60) Diethylphthalate	15.29	149	2786117	40.085	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1416474	42.365	ng	100
62) 4-Nitroaniline	15.54	138	552712	34.121	ng	98
63) Azobenzene	15.80	77	2558446	38.394	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	311093	45.134	ng	97
66) n-Nitrosodiphenylamine	15.72	169	2286876	46.485	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	831388	45.948	ng	98
68) Hexachlorobenzene	16.50	284	943277	44.645	ng	99
69) Atrazine	16.67	200	734591	50.031	ng	99
70) Pentachlorophenol	16.85	266	1055656	104.731	ng	99
71) Phenanthrene	17.25	178	3760655	43.171	ng	100
72) Anthracene	17.34	178	3832673	43.960	ng	99
73) Carbazole	17.61	167	3228337	40.804	ng	99
74) Di-n-butylphthalate	18.17	149	4138577	40.296	ng	99
75) Fluoranthene	19.26	202	3844335	39.684	ng	99
77) Benzidine	19.45	184	1671724	48.076	ng	99
78) Pyrene	19.62	202	3831110	43.504	ng	99
80) Butylbenzylphthalate	20.52	149	1520143	40.847	ng	100
81) Benzo(a)anthracene	21.37	228	3309615	41.414	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	931718	31.838	ng	100
83) Chrysene	21.41	228	3261812	42.939	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2119493	39.186	ng	100
85) Di-n-octyl phthalate	22.19	149	3347222	38.979	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4209084	54.160	ng	99
88) Benzo(b)fluoranthene	22.98	252	3485938	42.552	ng	100
89) Benzo(k)fluoranthene	23.03	252	3312182	41.372	ng	100
90) Benzo(a)pyrene	23.57	252	3347970	45.056	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3557078	49.342	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3440919	51.387	ng	99

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



#1

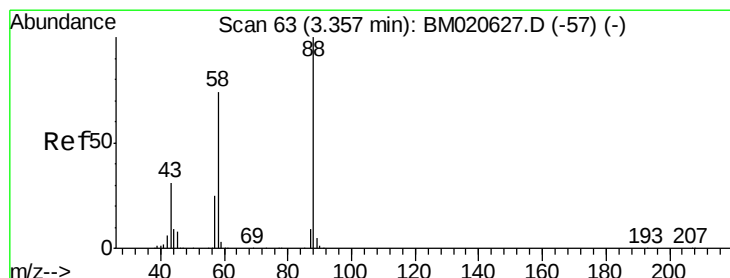
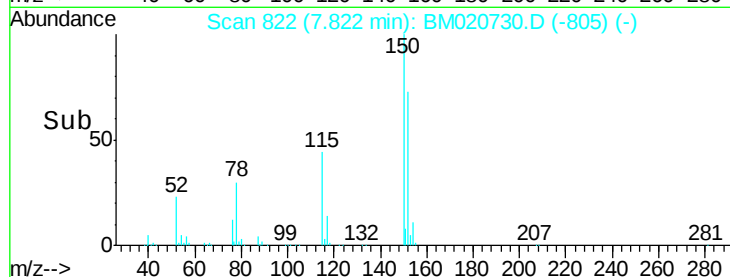
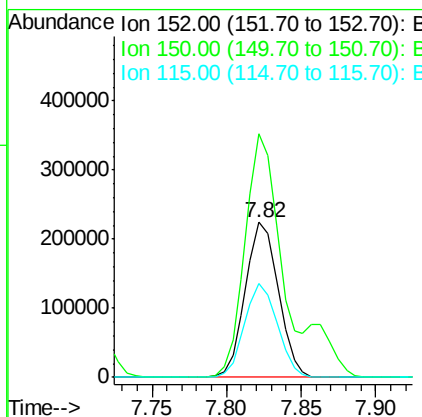
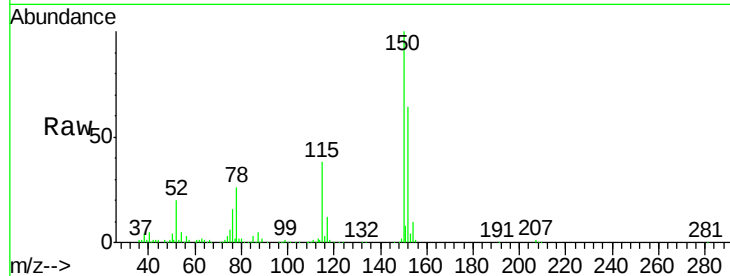
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.0	186.0
115	60.3	47.0	70.6

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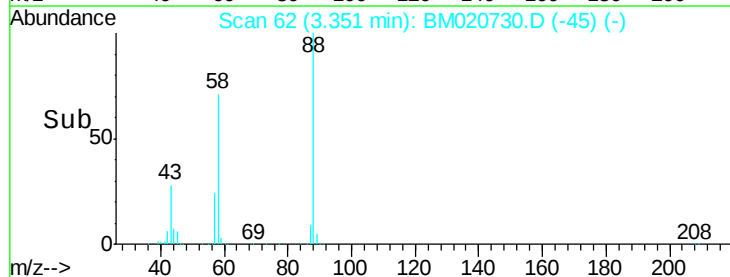
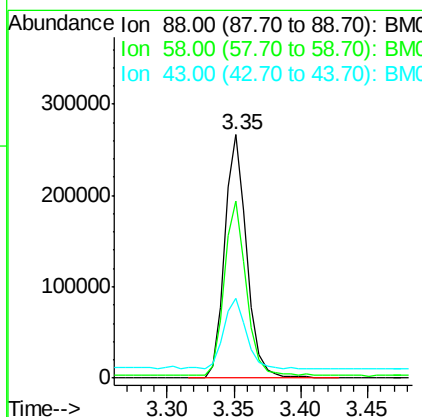
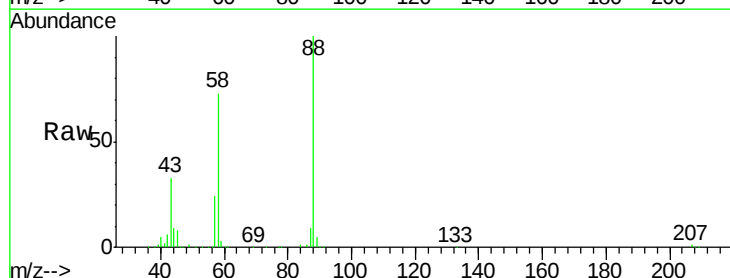
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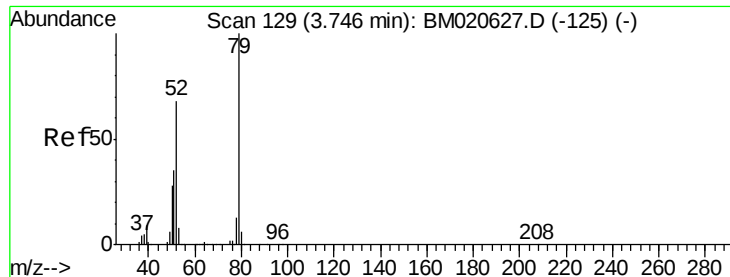


#2

1,4-Dioxane
Concen: 38.668 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	57.2	85.8
43	30.2	24.2	36.4





#3

Pvridine

Concen: 35.387 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

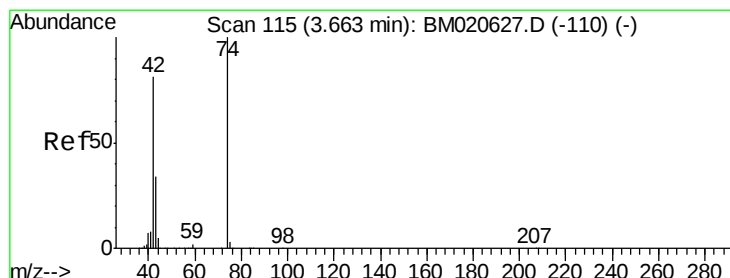
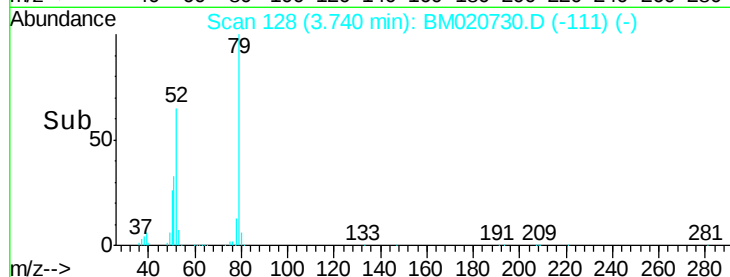
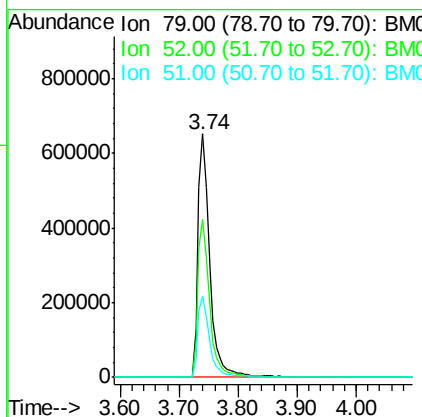
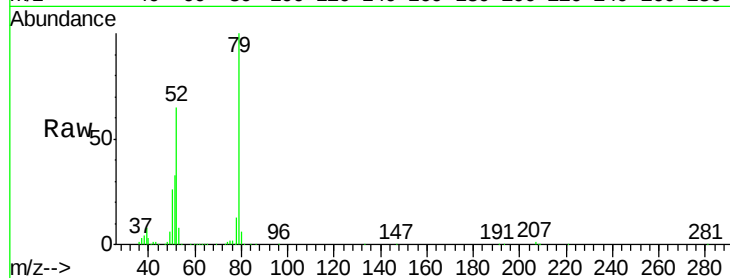
ClientSampleId :

PB120172BS

Tot Ion:	79	Resp:	902865
Ion Ratio	Lower	Upper	
79	100		
52	65.1	52.0	78.0
51	33.5	26.5	39.7

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#4

n-Nitrosodimethylamine

Concen: 36.686 ng

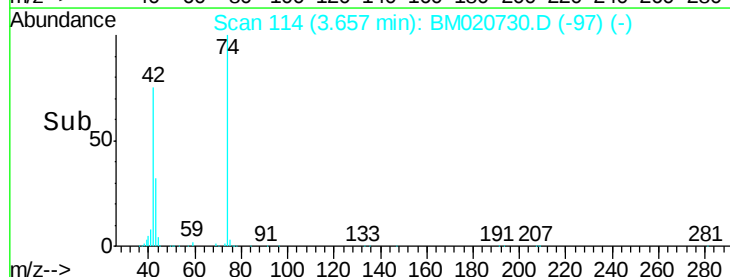
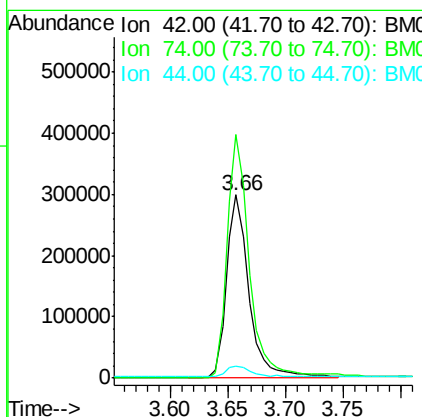
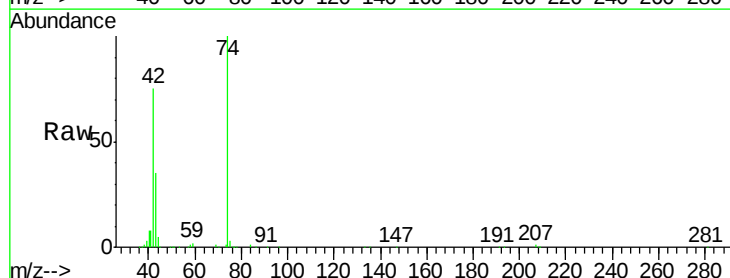
RT: 3.66 min Scan# 114

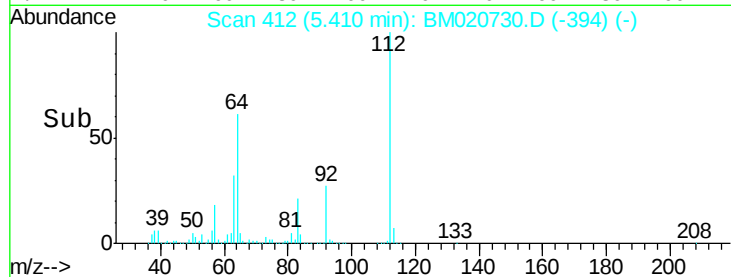
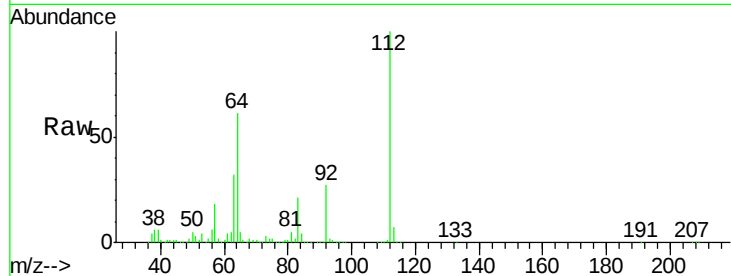
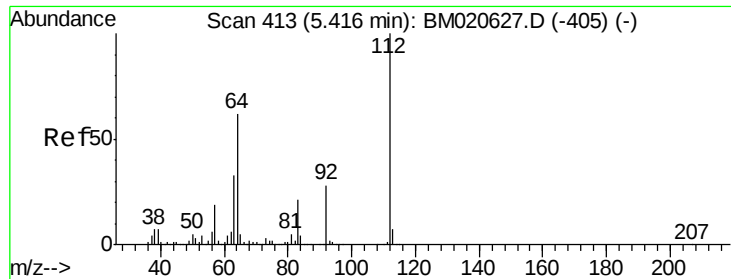
Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:	42	Resp:	403488
Ion Ratio	Lower	Upper	
42	100		
74	133.0	103.3	154.9
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 143.442 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tot Ion:	112	Resp:	2809512
Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.8	71.8
63	31.8	25.4	38.0

Instrument :

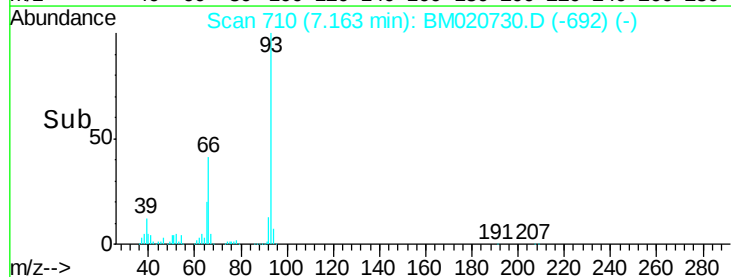
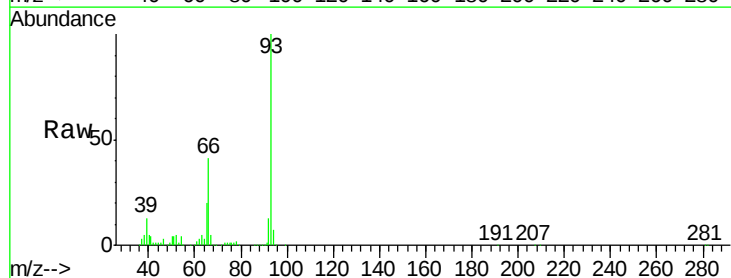
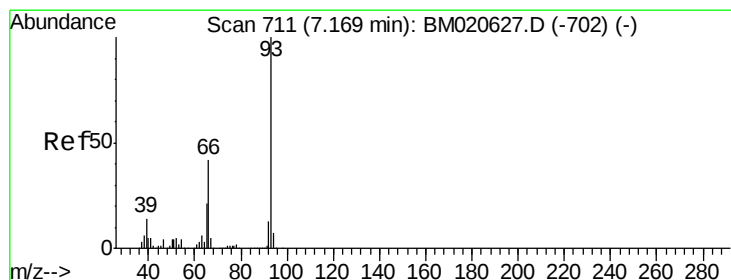
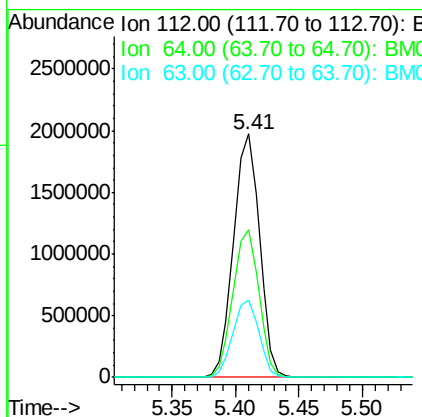
BNA_M

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PB120172BS

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#6

Aniline

Concen: 31.158 ng

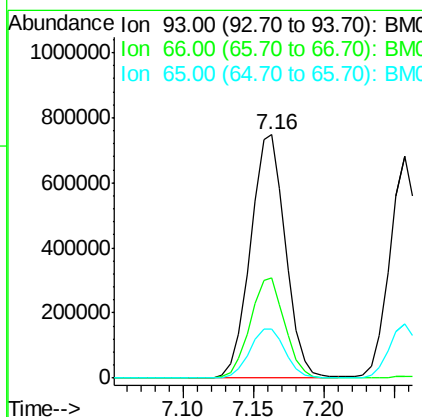
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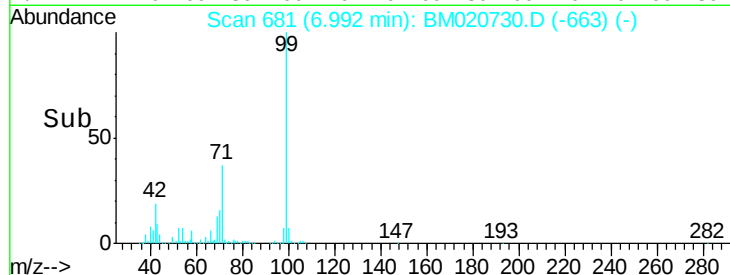
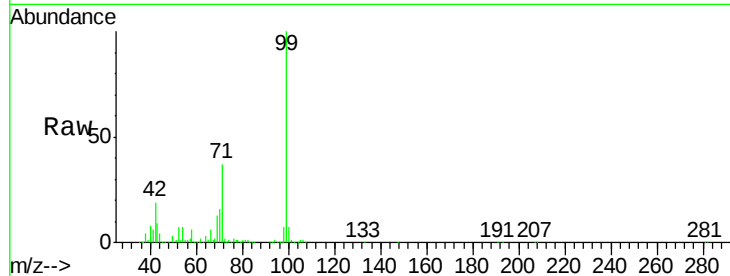
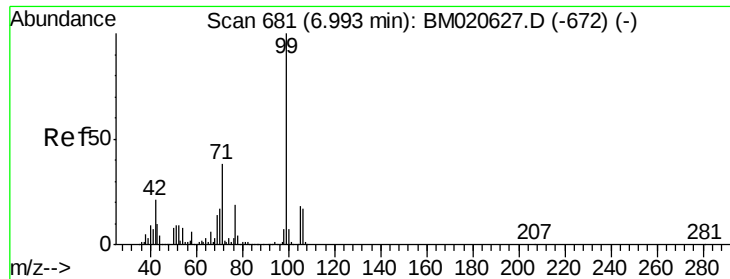
Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:	93	Resp:	1300211
Ion	Ratio	Lower	Upper
93	100		
66	41.3	33.0	49.4
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 129.834 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tot Ion:	99	Resp:	3744441
Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	37.2	29.5	44.3

Instrument :

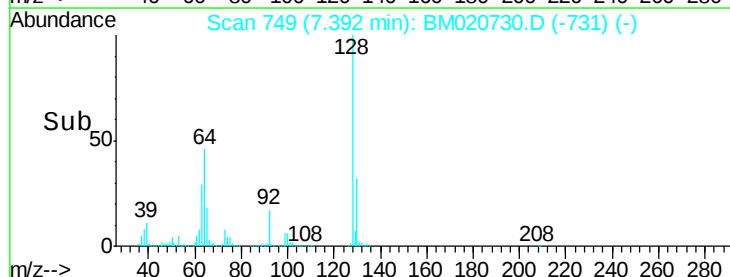
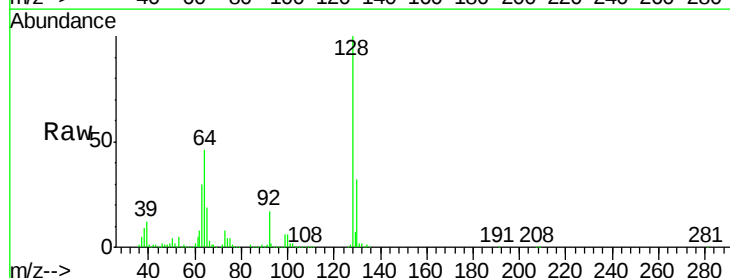
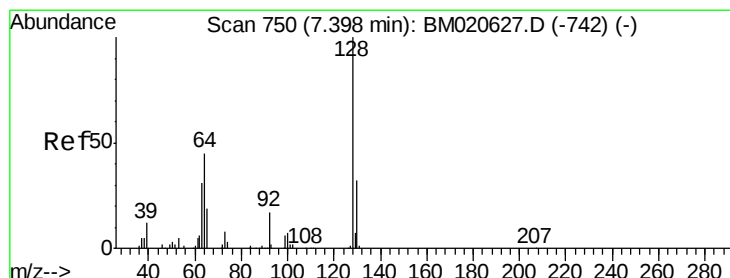
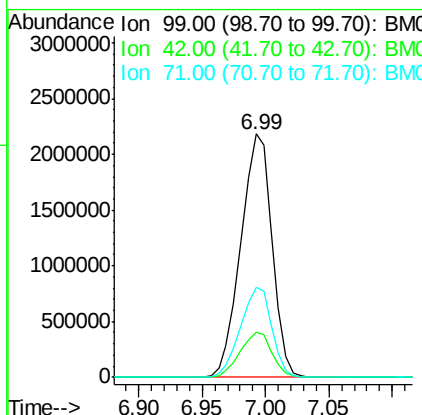
BNA_M

ClientSampled :

PB120172BS

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#8

2-Chlorophenol

Concen: 45.602 ng

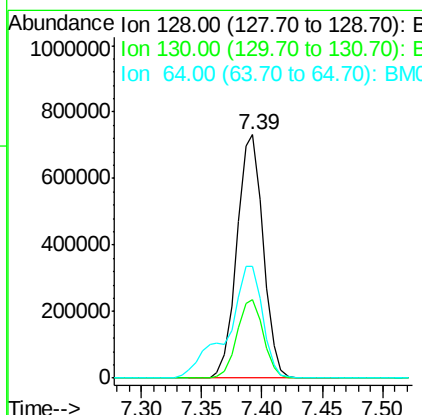
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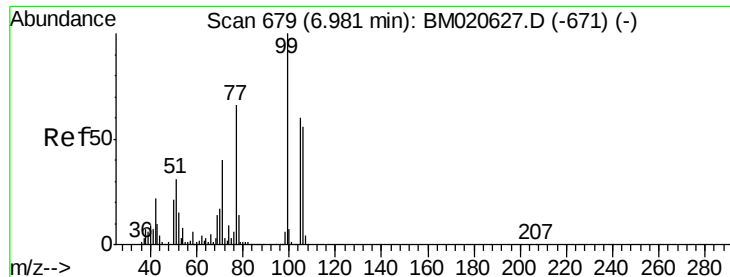
Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:	128	Resp:	1111156
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	45.8	27.5	67.5





#9

Benzaldehyde

Concen: 16.731 ng/mL

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

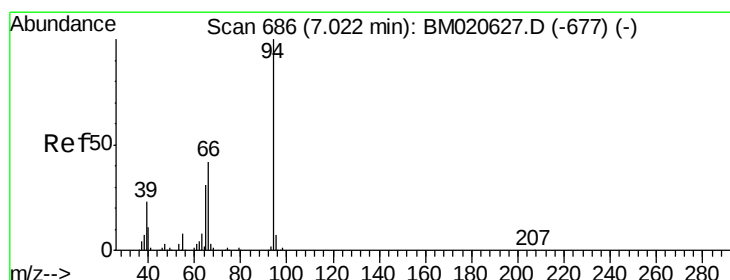
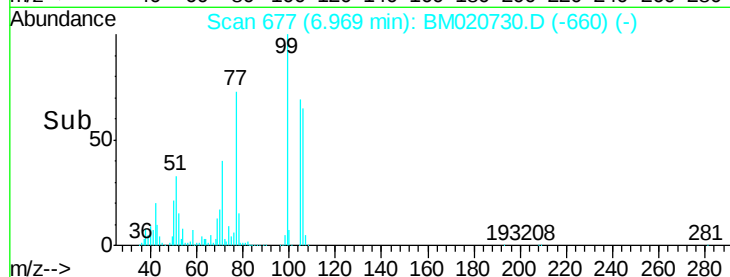
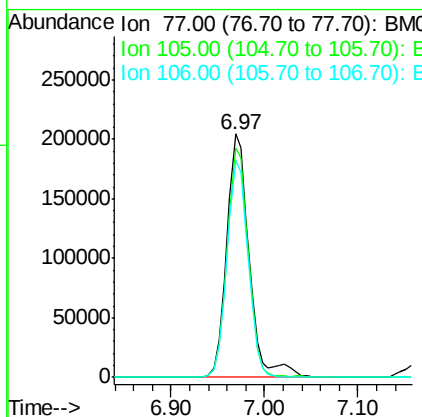
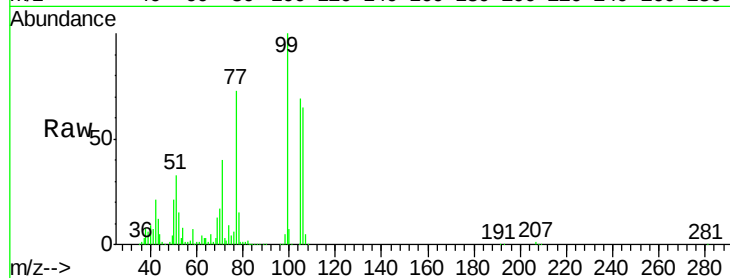
ClientSampleID :

PB120172BS

Tot Ion:	77	Resp:	341573
Ion	Ratio	Lower	Upper
77	100		
105	94.3	73.6	113.6
106	89.1	68.3	108.3

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#10

Phenol

Concen: 43.821 ng/mL

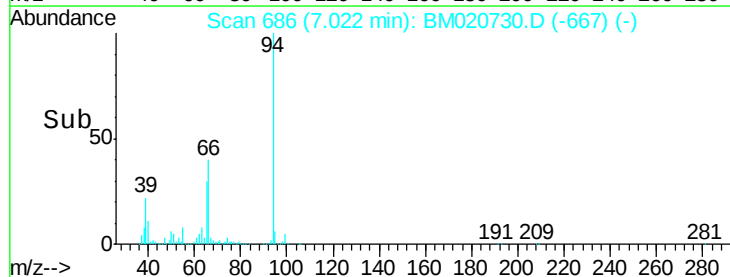
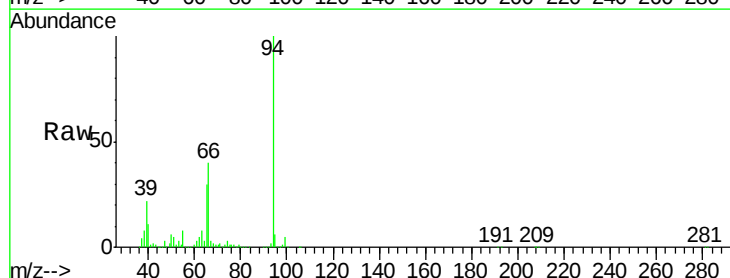
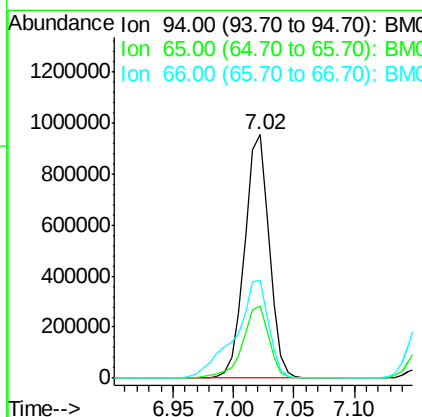
RT: 7.02 min Scan# 686

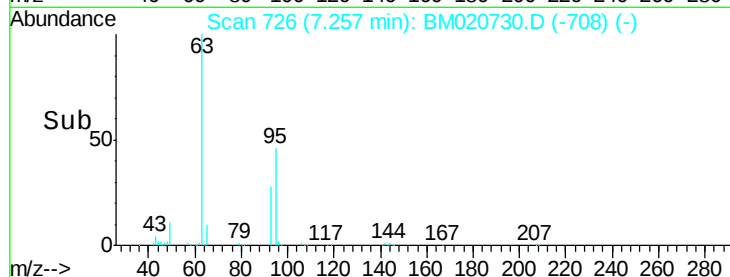
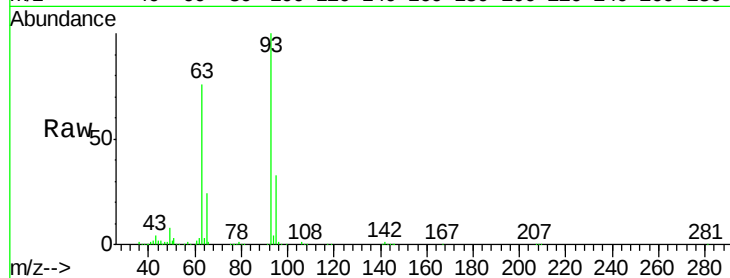
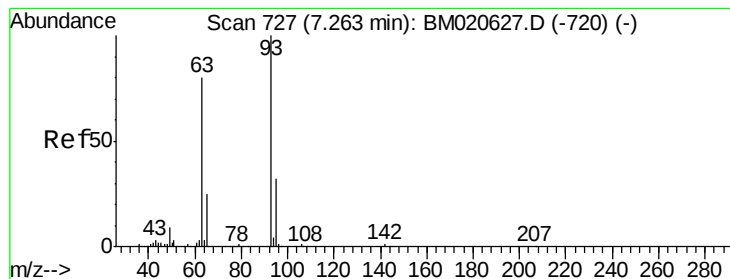
Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:	94	Resp:	1361953
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.4	49.4
66	40.0	20.7	60.7





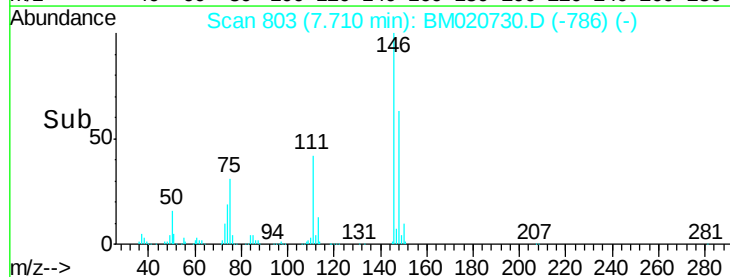
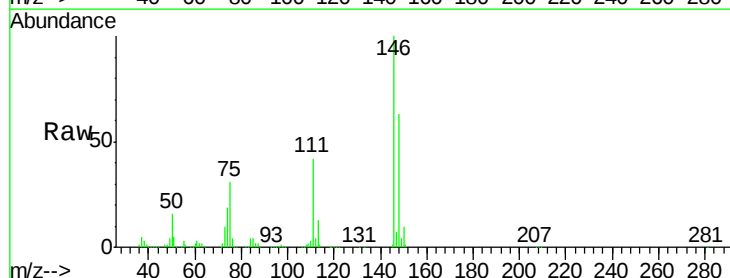
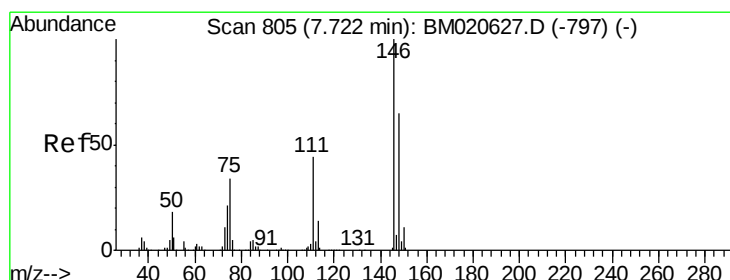
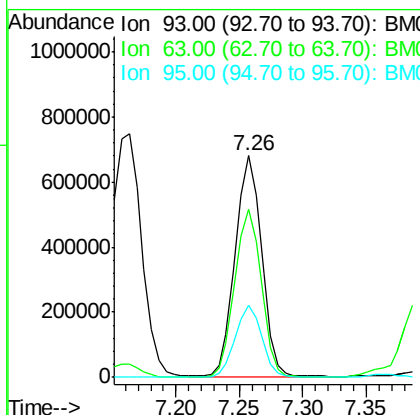
#11
bis(2-Chloroethyl)ether
Concen: 39.590 ng
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.7	56.0	96.0	
95	32.6	12.2	52.2	

Instrument :
BNA_M
ClientSampleId :
PB120172BS

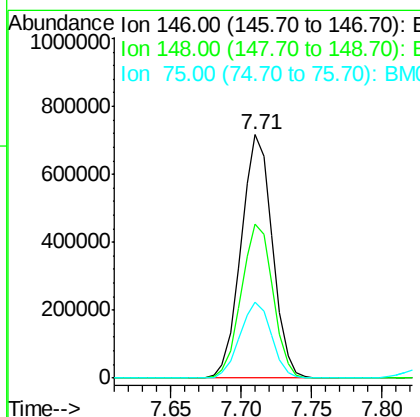
Manual Integrations
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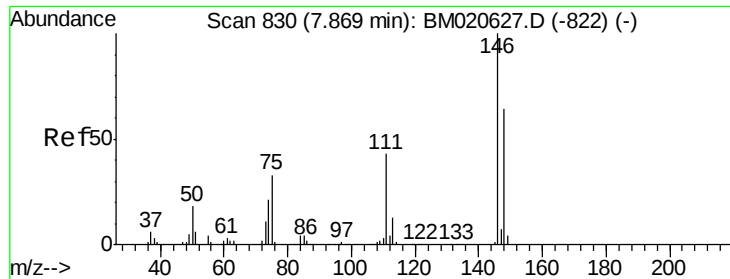
mohammad
6/6/2019 11:21:30 AM



#12
1,3-Dichlorobenzene
Concen: 39.652 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.3	51.3	76.9	
75	31.4	25.3	37.9	





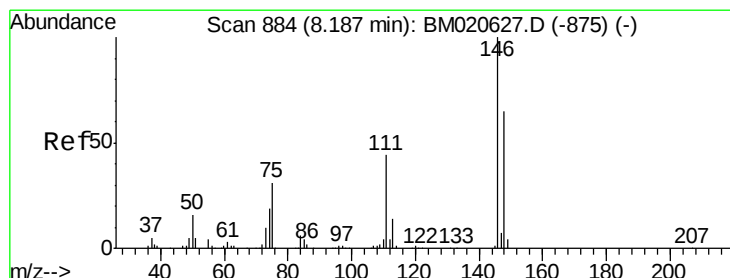
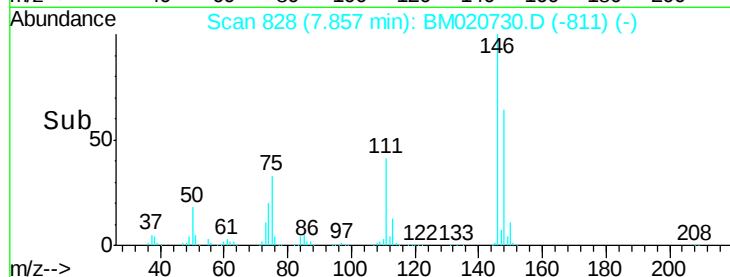
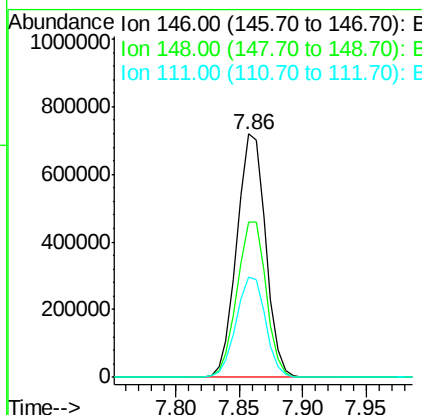
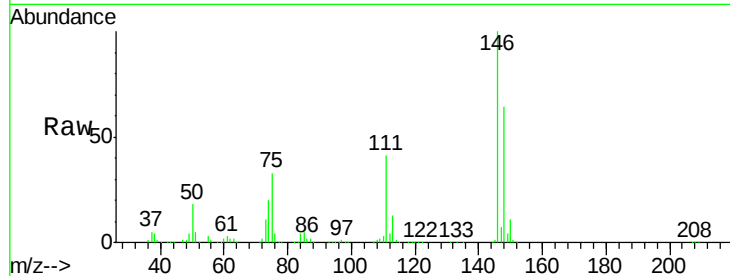
#13
 1,4-Dichlorobenzene
 Concen: 39.752 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleID :
 PB120172BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.5	78.7
111	41.2	33.8	50.8

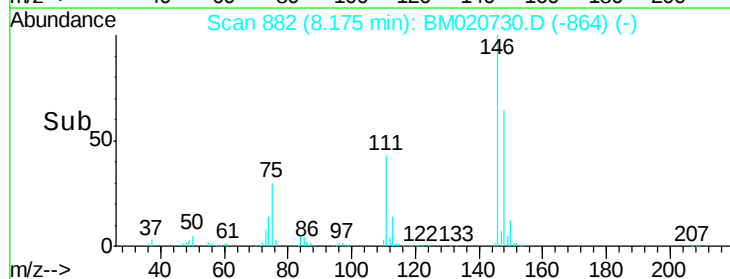
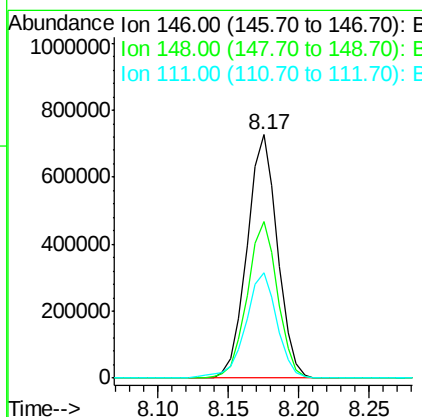
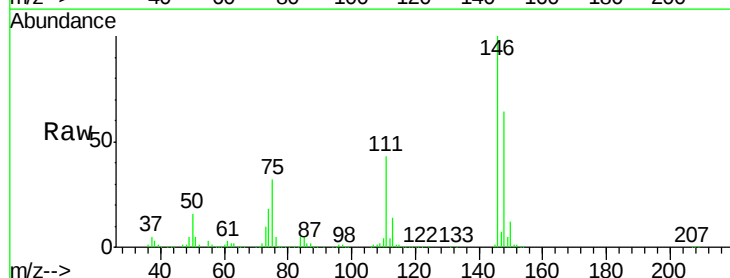
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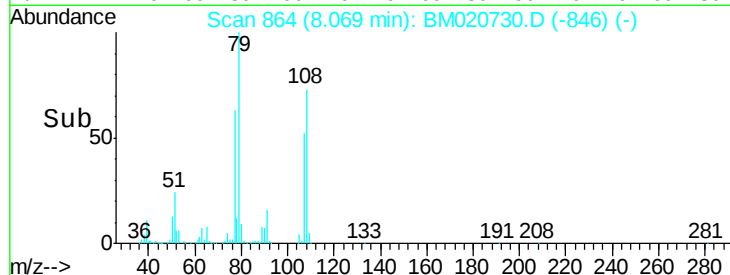
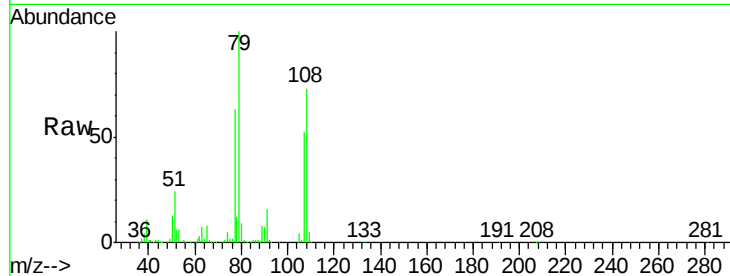
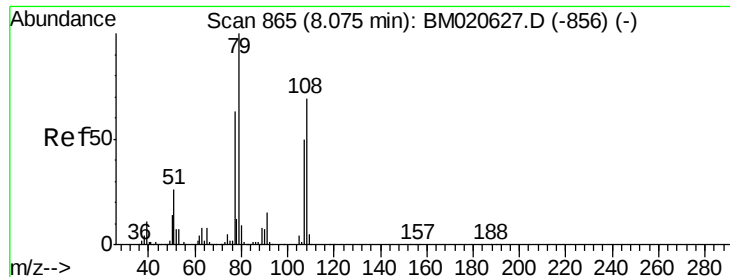
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.614 ng
 RT: 8.17 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	43.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 38.946 ng

RT: 8.07 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tot Ion:	79	Resp:	993658
Ion Ratio	Lower	Upper	
79	100		
108	73.1	57.2	85.8
77	62.5	50.9	76.3

Instrument :

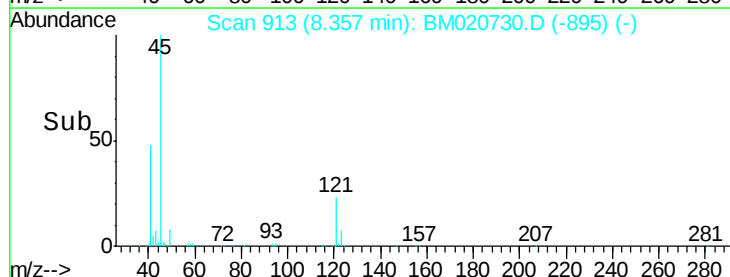
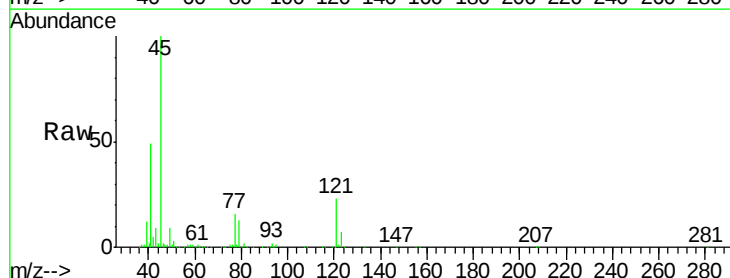
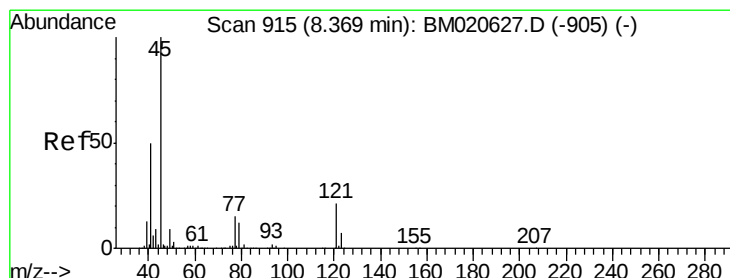
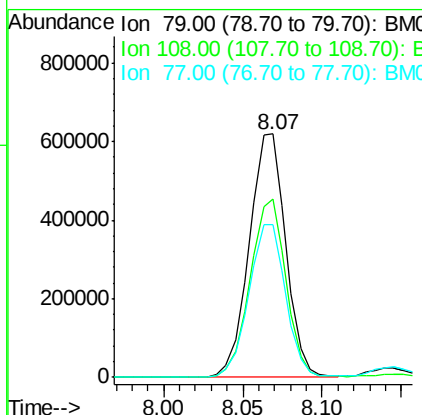
BNA_M

ClientSampleId :

PB120172BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.298 ng

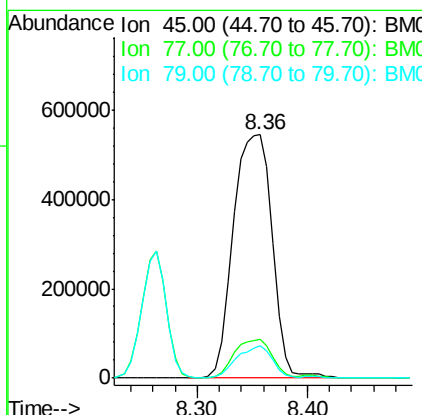
RT: 8.36 min Scan# 913

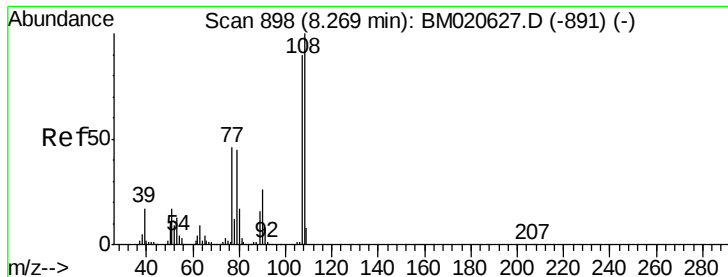
Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:	45	Resp:	1349831
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	35.4
79	13.1	0.0	32.2





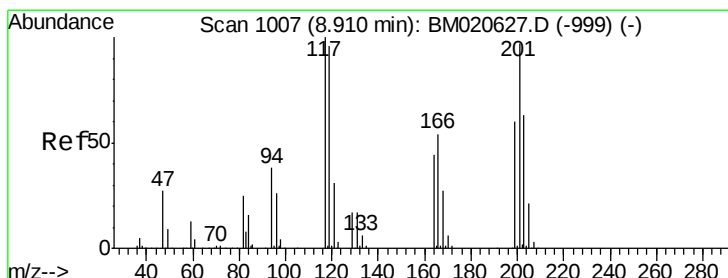
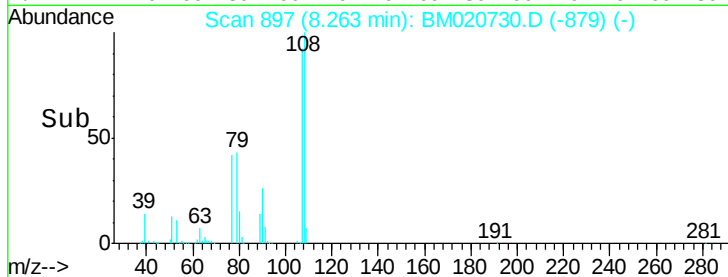
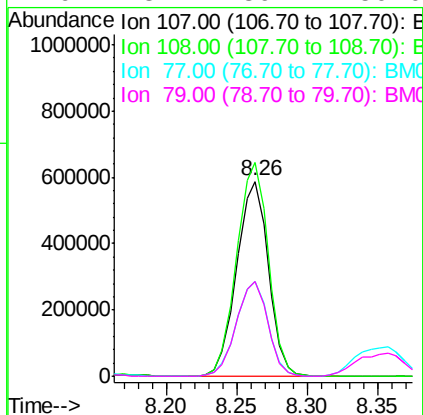
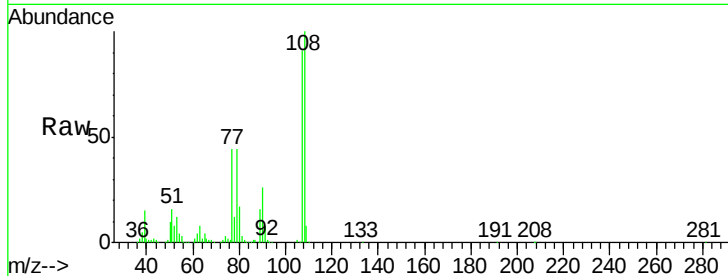
#17
2-Methylphenol
Concen: 42.055 ng
RT: 8.26 min Scan# 897
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	88.2	132.4	
77	48.4	39.5	59.3	
79	48.4	39.4	59.0	

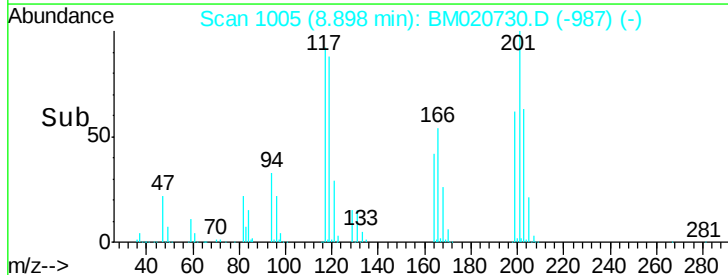
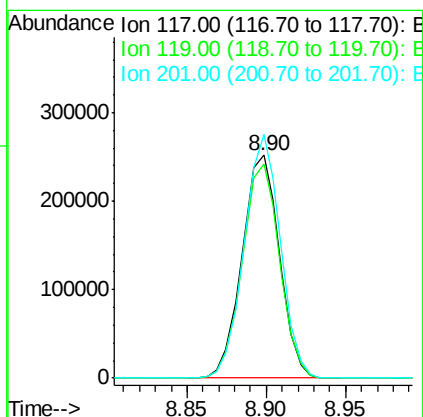
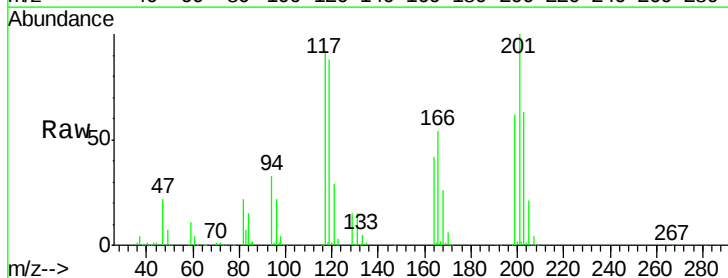
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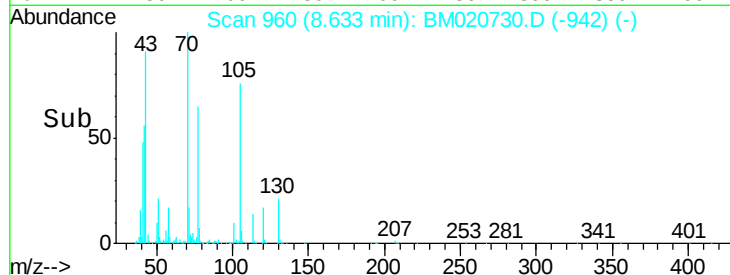
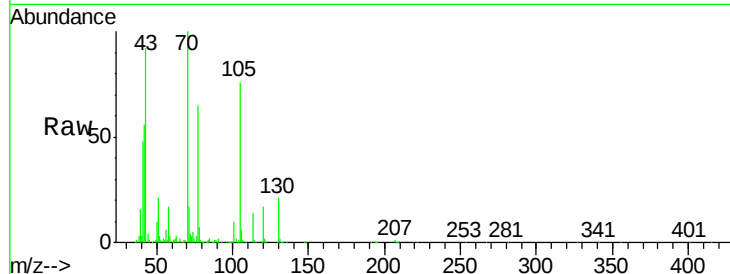
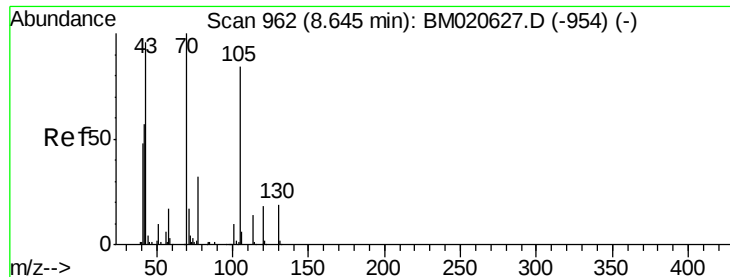
mohammad
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#18
Hexachloroethane
Concen: 37.892 ng
RT: 8.90 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	78.2	117.4	
201	109.2	83.0	124.4	





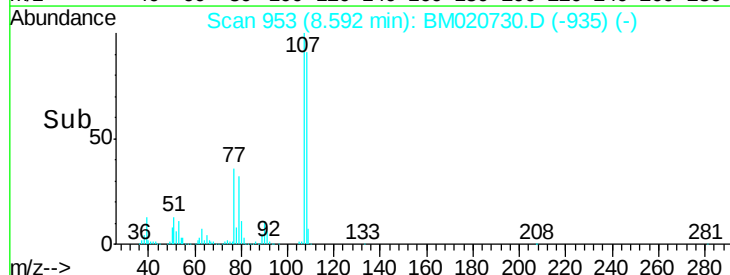
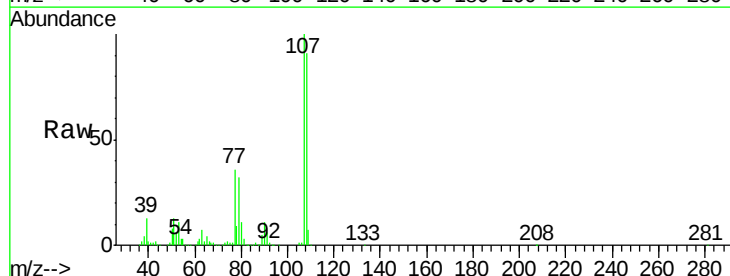
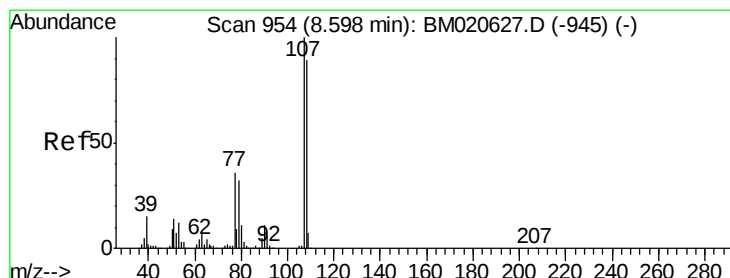
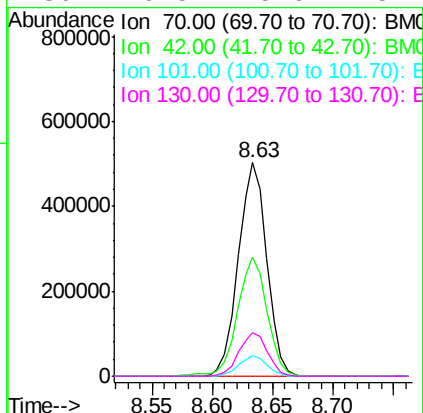
#19
n-Nitroso-di-n-propylamine
Concen: 35.622 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	9.6	7.2	10.8
130	20.5	15.6	23.4

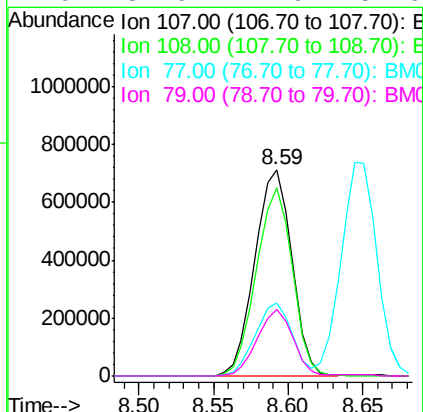
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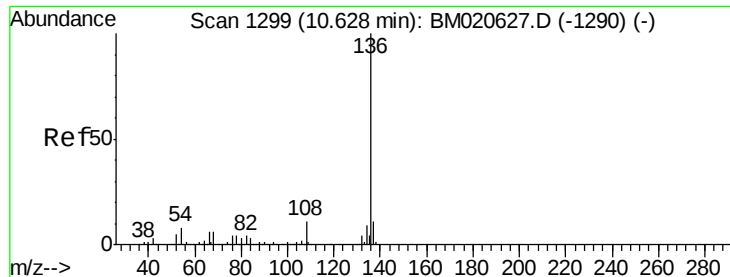
mohammad
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#20
3+4-Methylphenols
Concen: 41.152 ng
RT: 8.59 min Scan# 953
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	70.3	110.3
77	35.6	15.5	55.5
79	31.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:136 Resp: 1406836

Ion Ratio Lower Upper

136 100

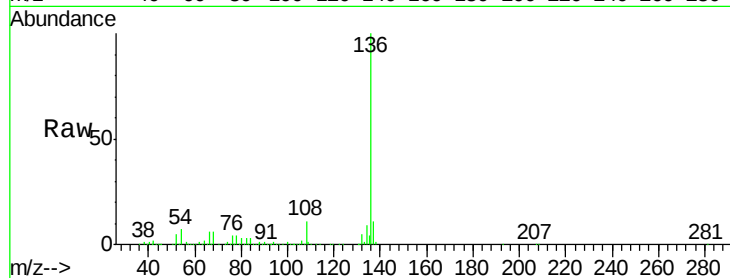
137 11.0 8.7 13.1

54 7.2 6.0 9.0

68 5.9 4.4 6.6

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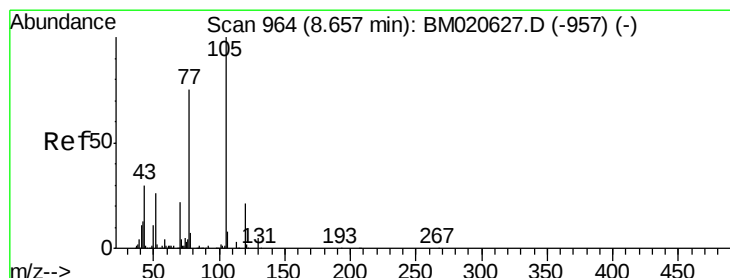
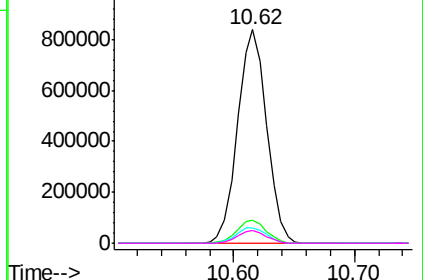
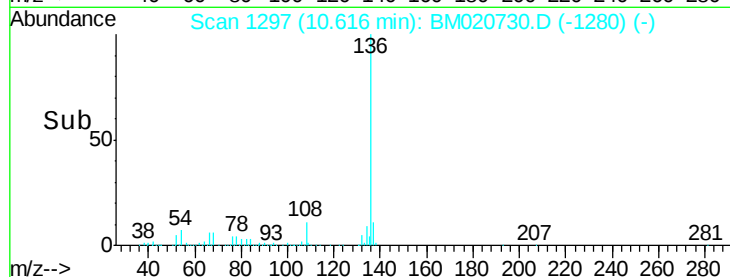


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.890 ng

RT: 8.65 min Scan# 963

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Tgt Ion:105 Resp: 1532829

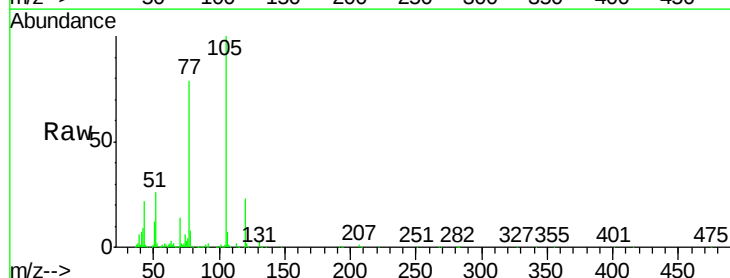
Ion Ratio Lower Upper

105 100

71 2.3 1.8 2.8

51 25.7 20.9 31.3

120 22.7 17.6 26.4

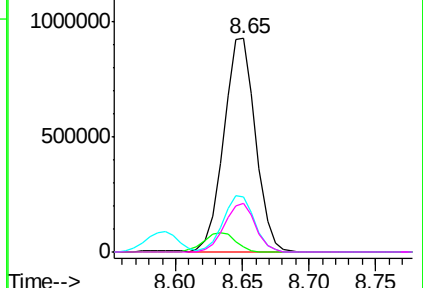
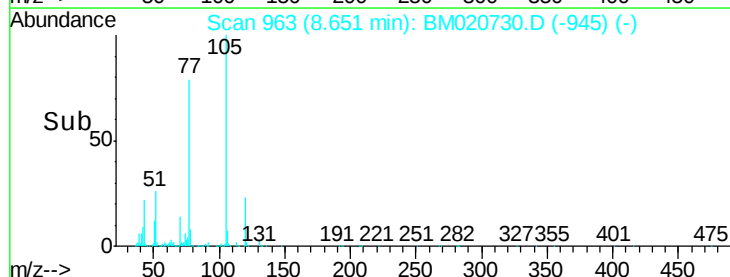


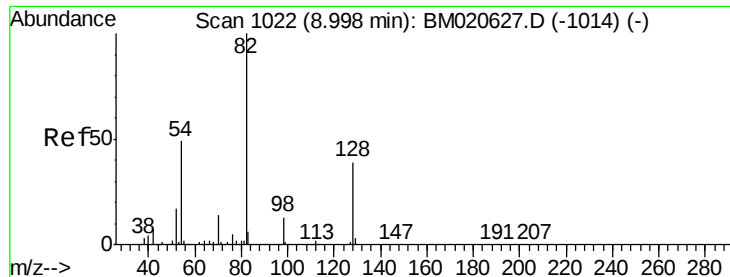
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





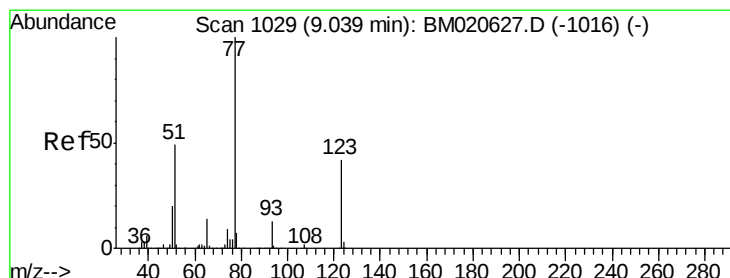
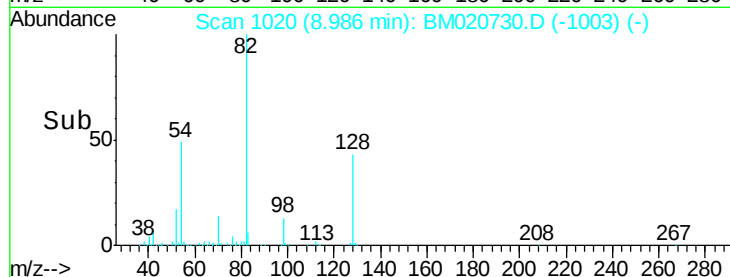
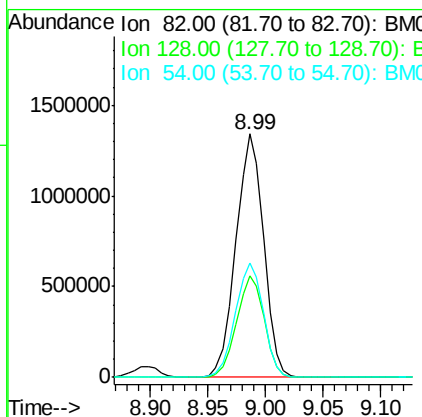
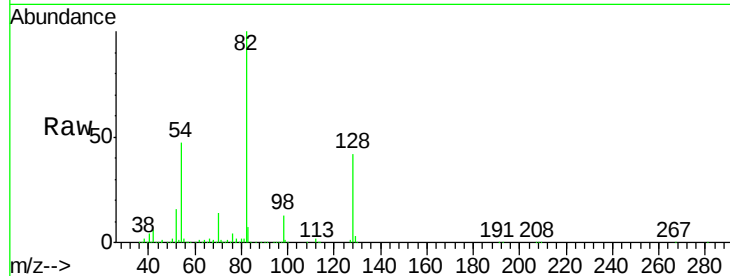
#23
Nitrobenzene-d5
Concen: 81.962 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	47.2	37.7	56.5

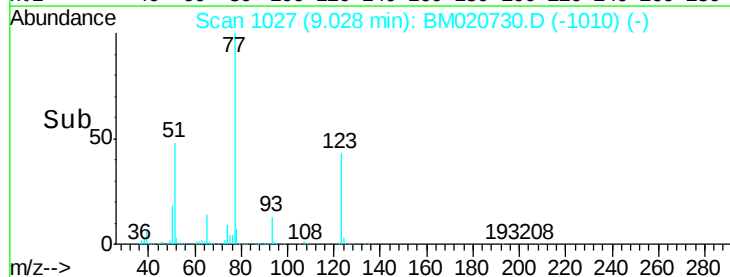
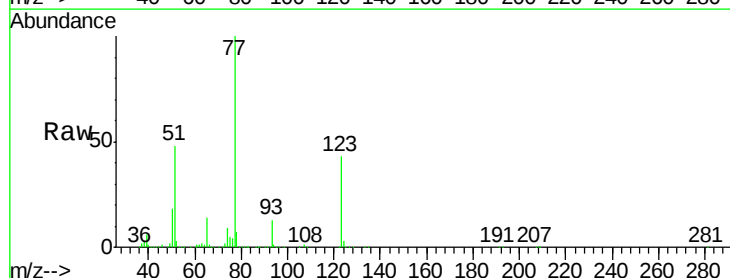
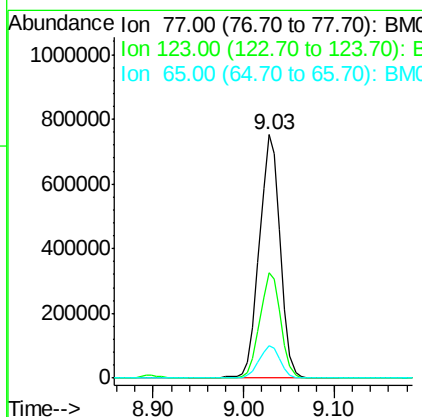
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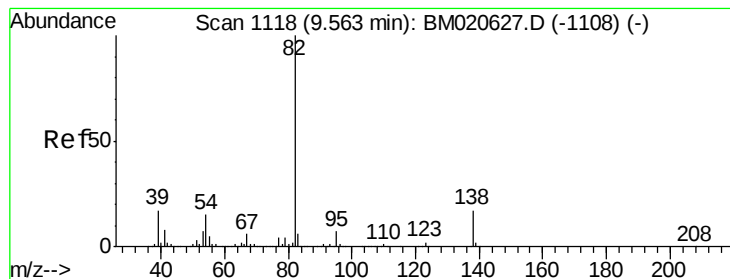
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#24
Nitrobenzene
Concen: 43.191 ng
RT: 9.03 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.8	53.8
65	13.6	10.9	16.3





#25

Isophorone

Concen: 40.681 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion: 82 Resp: 2197265

Ion Ratio Lower Upper

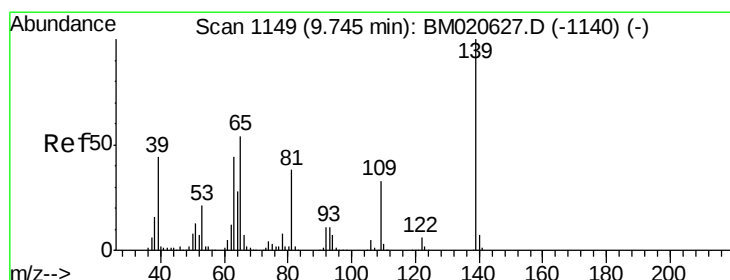
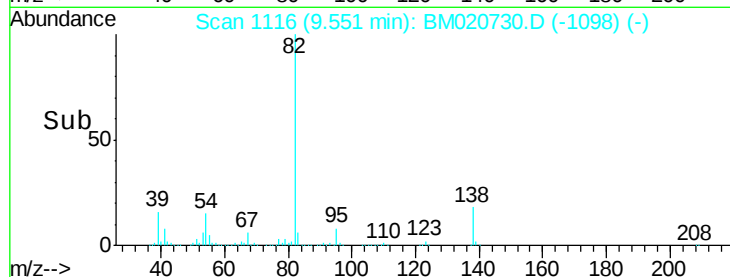
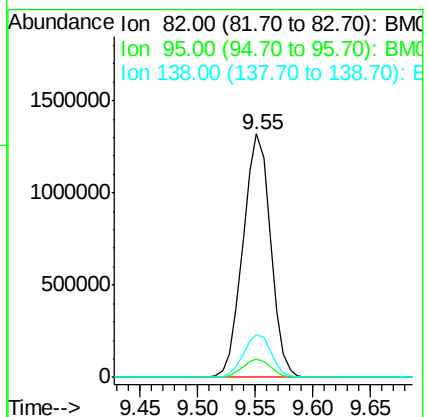
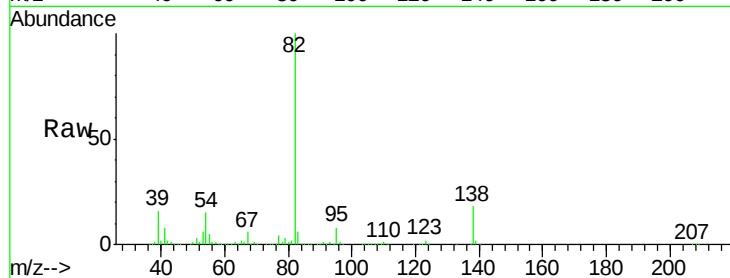
82 100

95 7.6 5.8 8.6

138 17.7 14.5 21.7

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#26

2-Nitrophenol

Concen: 52.090 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

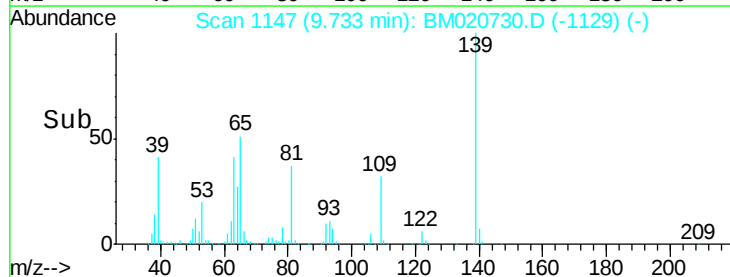
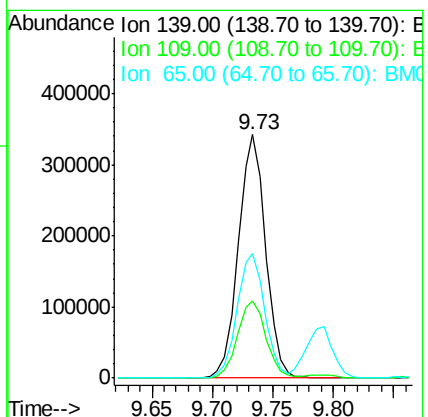
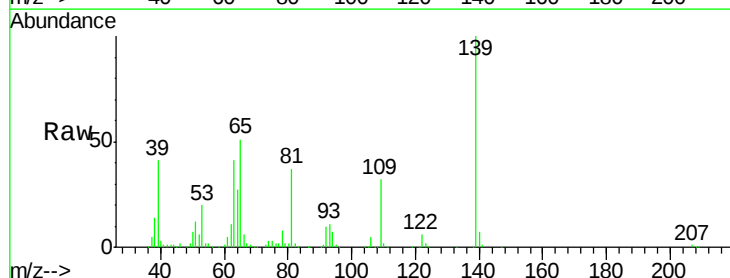
Tgt Ion: 139 Resp: 538132

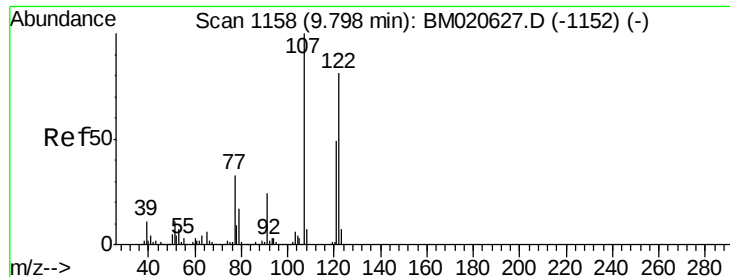
Ion Ratio Lower Upper

139 100

109 31.9 26.8 40.2

65 51.3 42.6 63.8





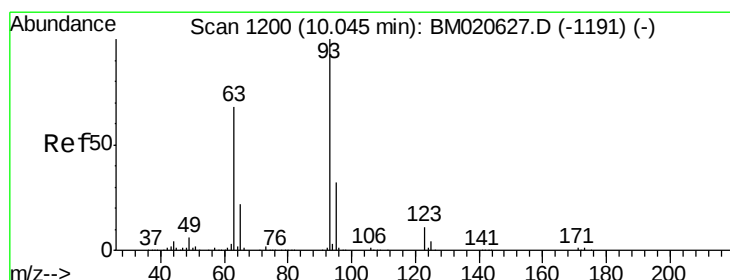
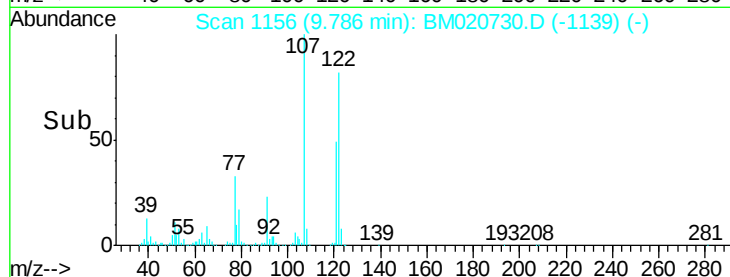
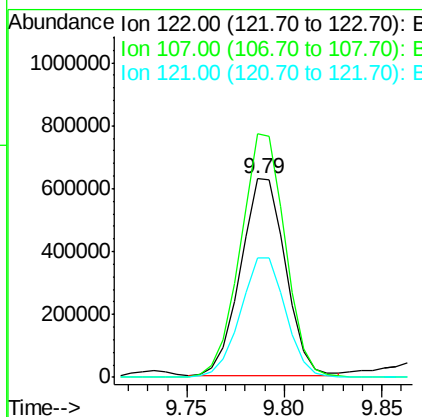
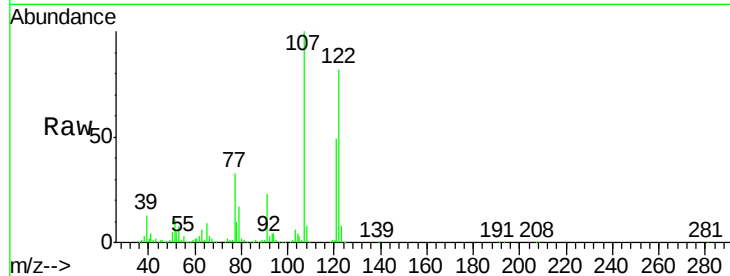
#27
 2,4-Dimethylphenol
 Concen: 51.683 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	97.8	146.6
121	59.8	48.5	72.7

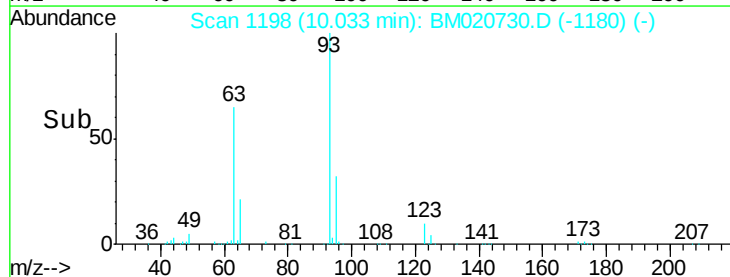
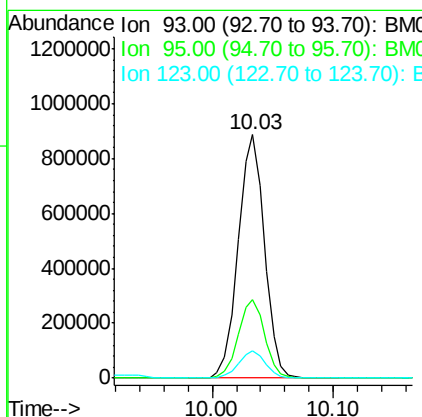
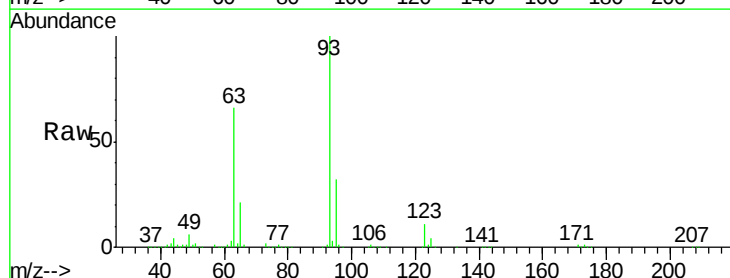
Manual Integrations
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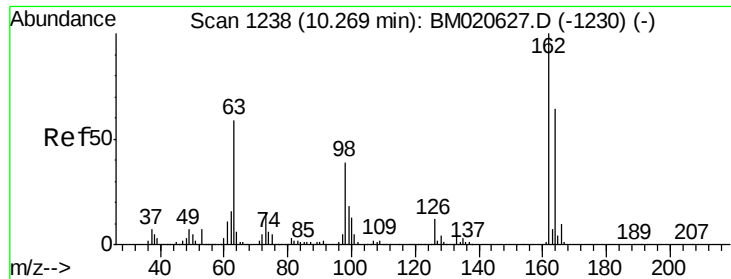
mohammad
 6/6/2019 11:21:30 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.393 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	11.1	8.8	13.2





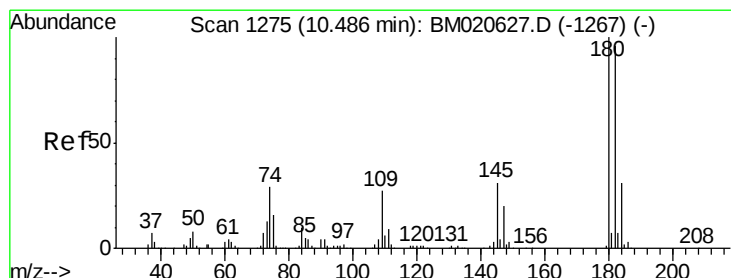
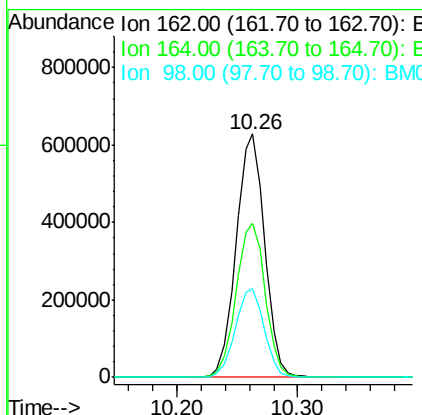
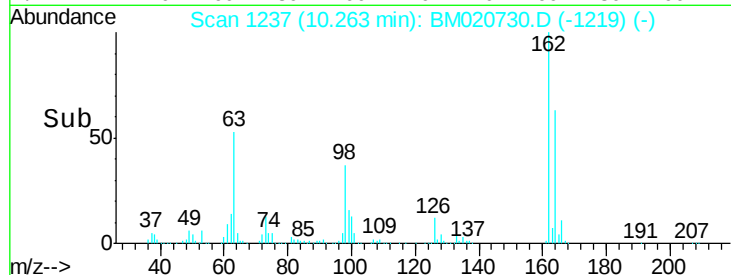
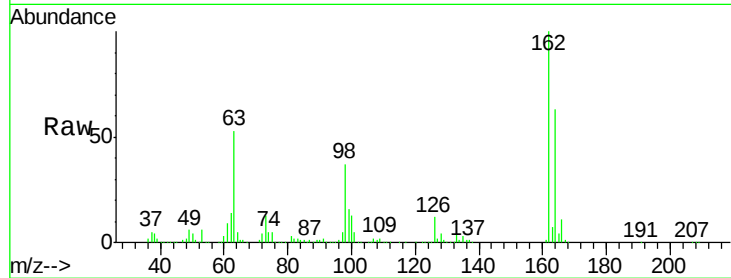
#29
2,4-Dichlorophenol
Concen: 48.456 ng
RT: 10.26 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.5	85.5
98	36.5	16.7	56.7

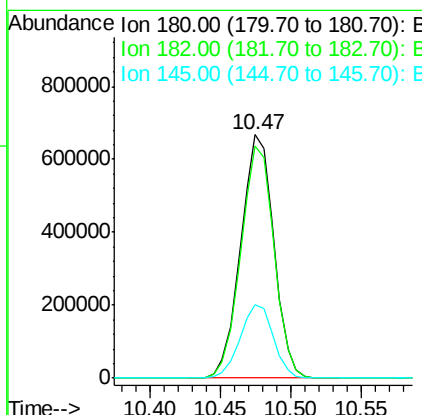
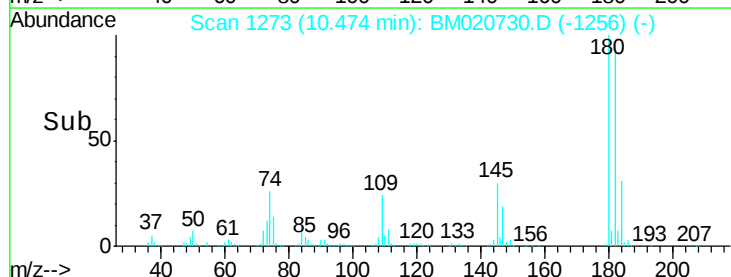
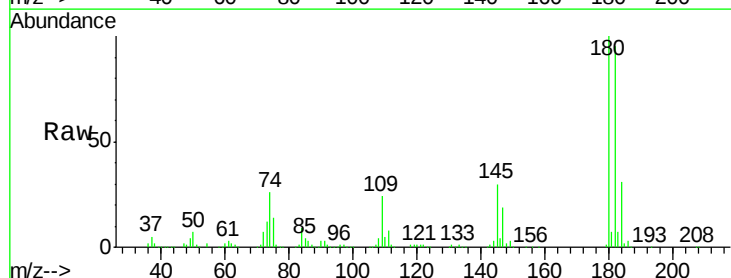
Manual Integrations
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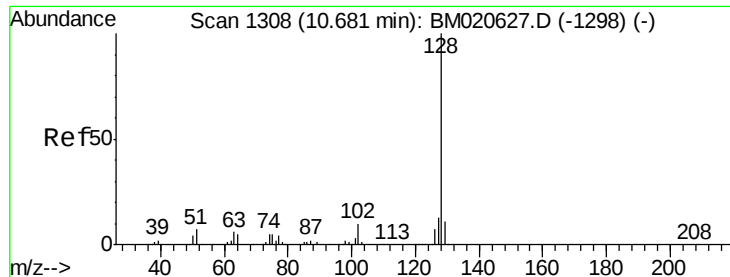
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.471 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.8	116.8
145	30.3	24.3	36.5





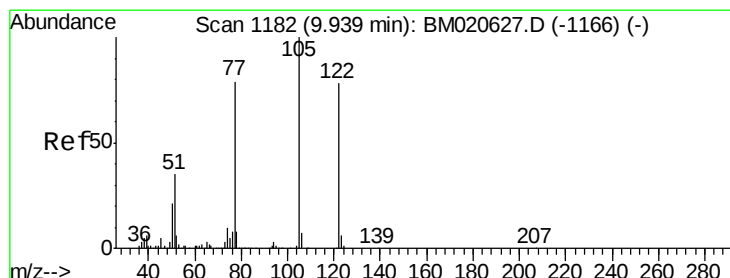
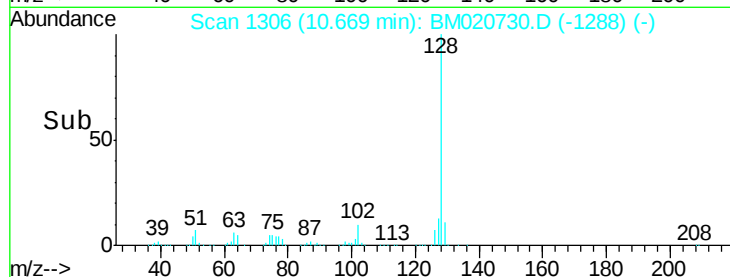
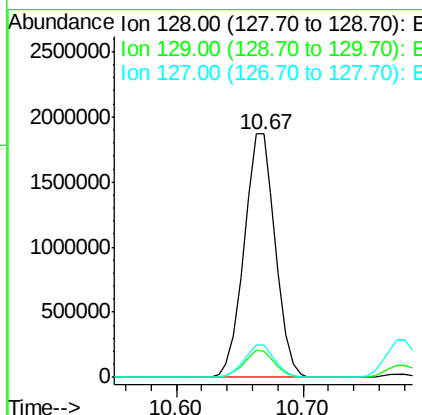
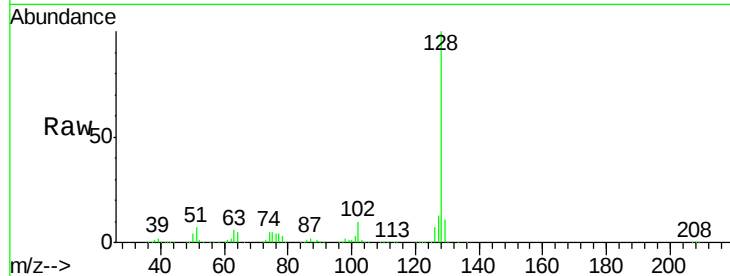
#31
Naphthalene
Concen: 43.894 ng
RT: 10.67 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.5	15.7

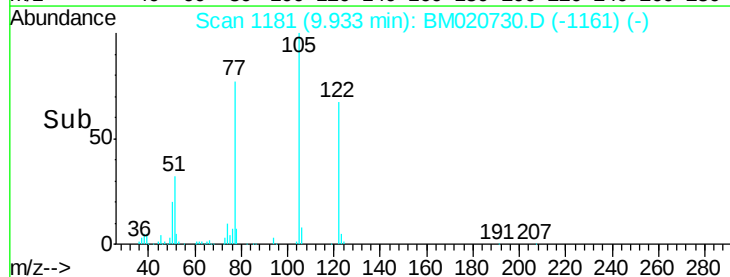
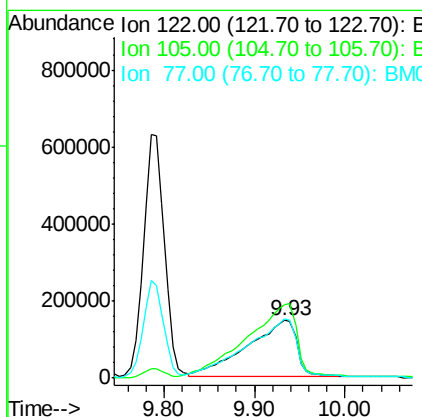
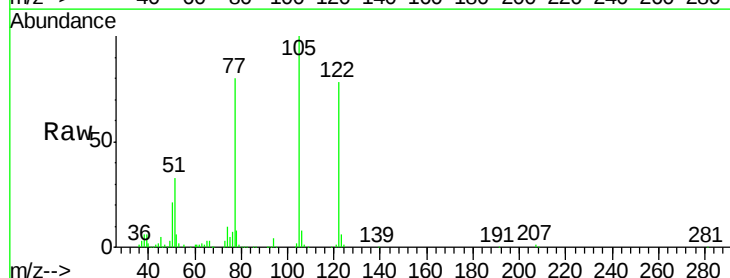
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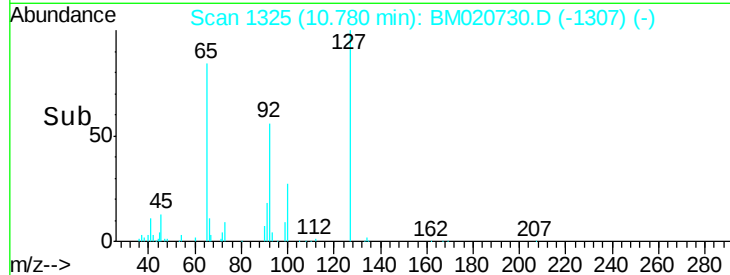
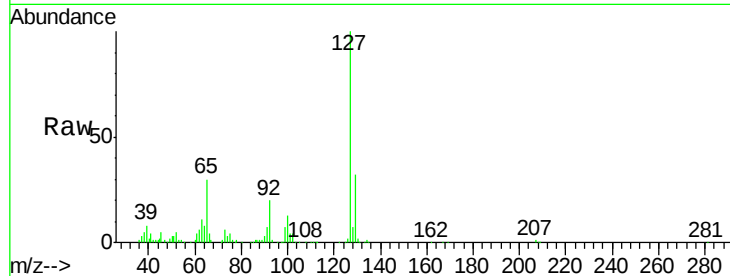
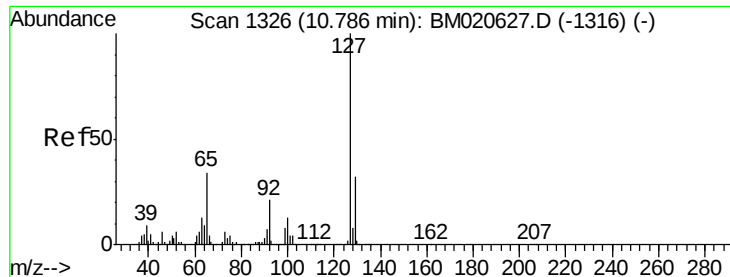
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#32
Benzoic acid
Concen: 44.706 ng
RT: 9.93 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	108.0	148.0
77	102.3	82.2	122.2





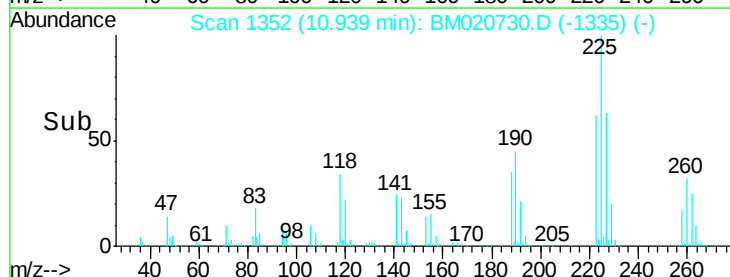
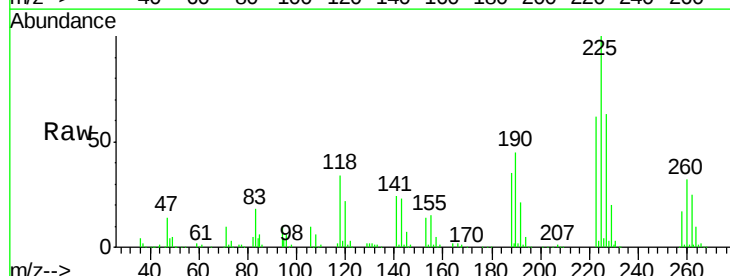
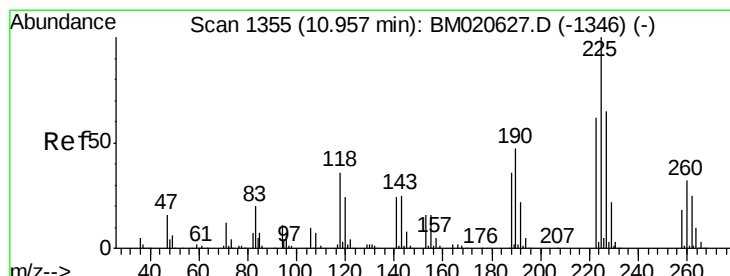
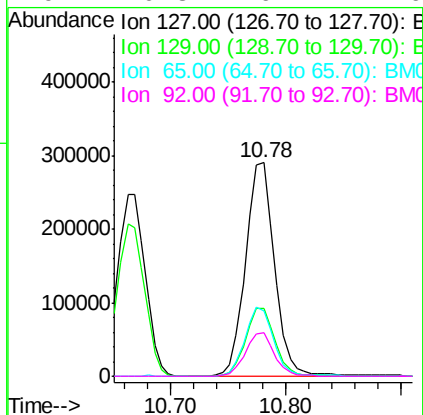
#33
4-Chloroaniline
Concen: 15.055 ng
RT: 10.78 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.4	38.2		
65	30.5	25.3	37.9		
92	20.3	16.4	24.6		

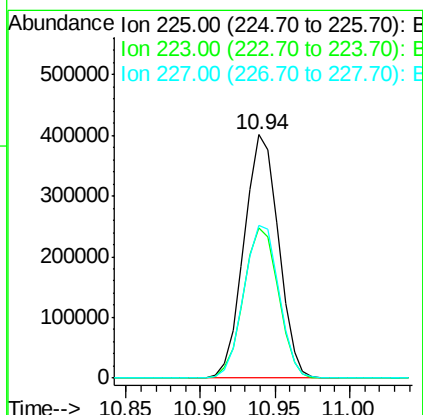
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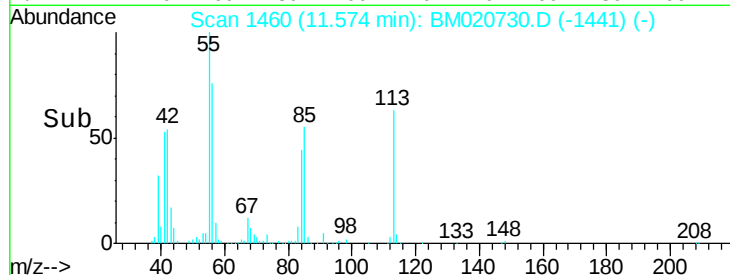
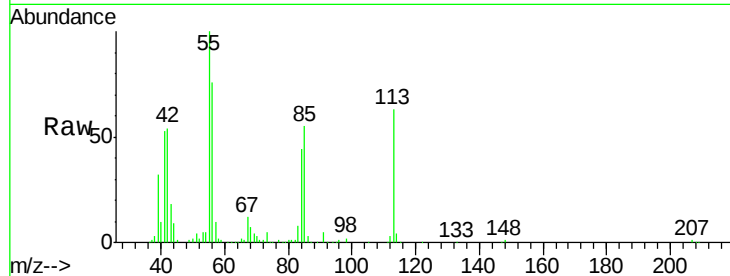
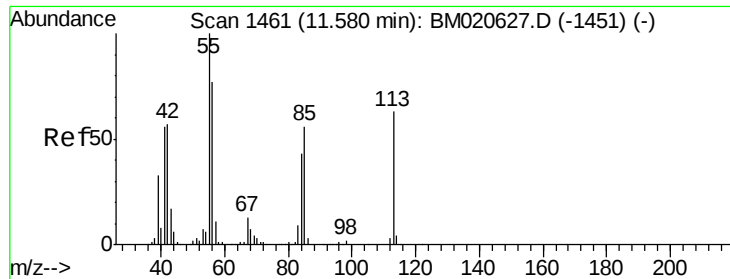
mohammad
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#34
Hexachlorobutadiene
Concen: 43.441 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.6	74.4		
227	62.8	51.0	76.4		





#35

Caprolactam

Concen: 39.087 ng/ml

RT: 11.57 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:113 Resp: 290830

Ion Ratio Lower Upper

113 100

55 158.8 141.1 181.1

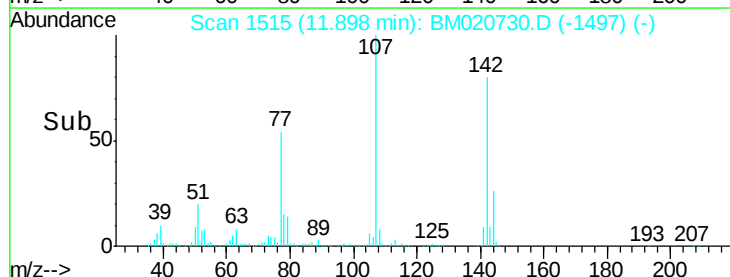
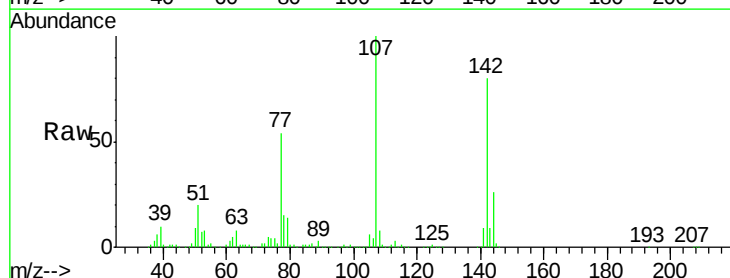
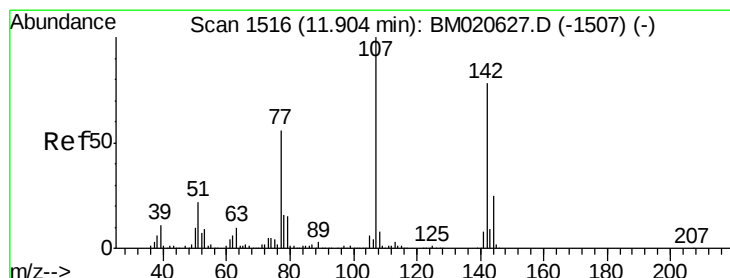
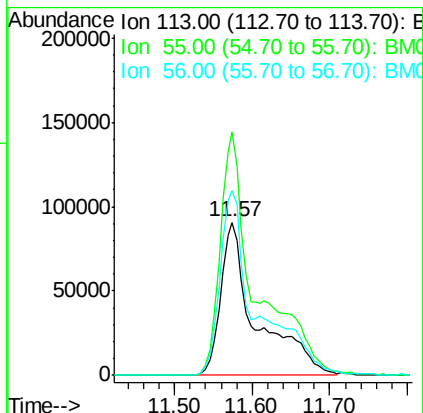
56 120.7 105.0 145.0

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#36

4-Chloro-3-methylphenol

Concen: 43.171 ng/ml

RT: 11.90 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

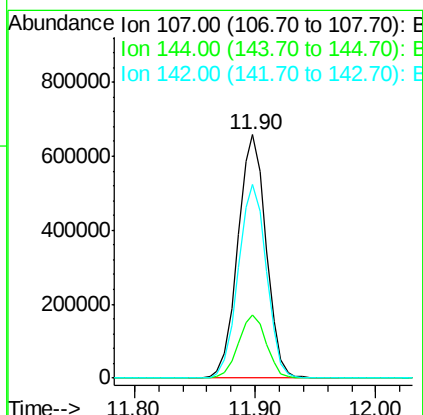
Tgt Ion:107 Resp: 1075014

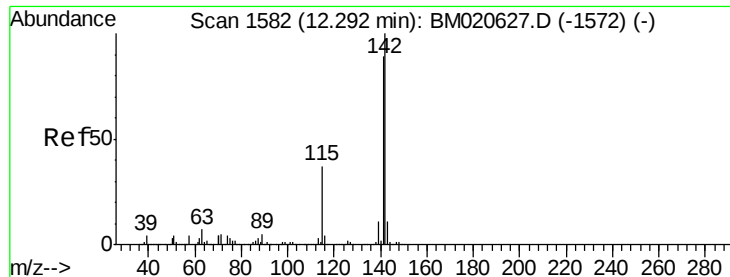
Ion Ratio Lower Upper

107 100

144 26.1 20.6 31.0

142 79.7 63.3 94.9





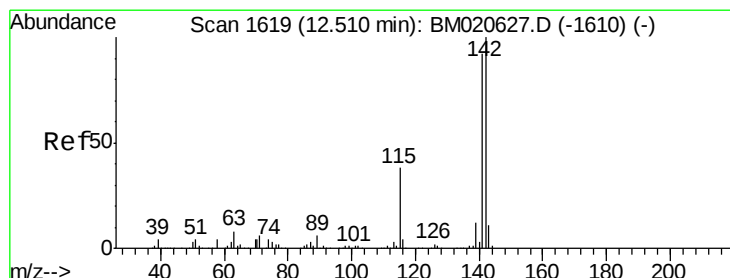
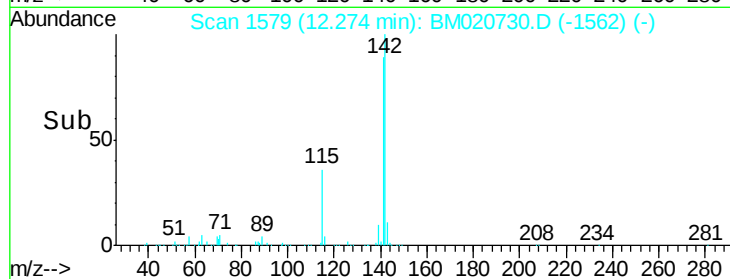
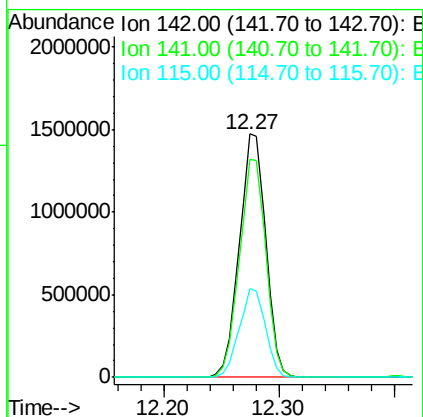
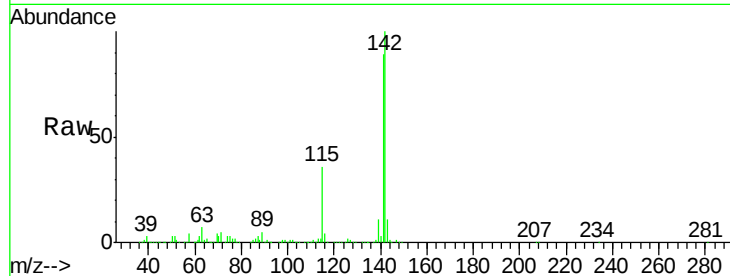
#37
2-Methylnaphthalene
Concen: 43.611 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0
115	36.4	28.2	42.4

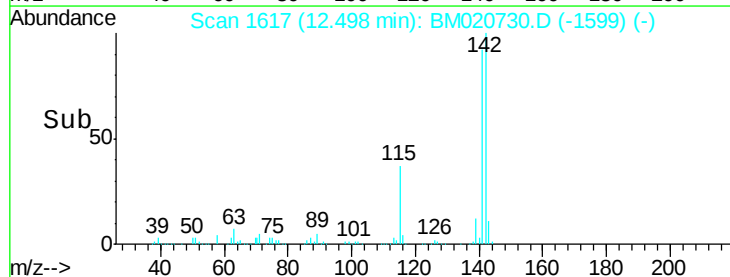
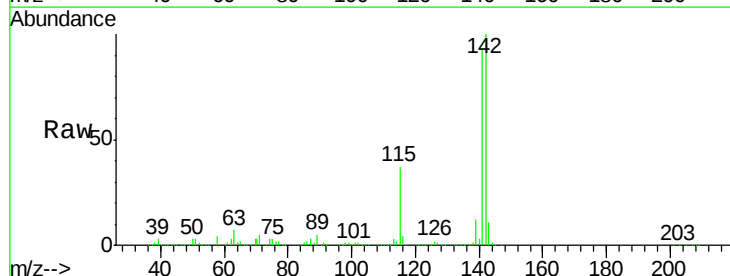
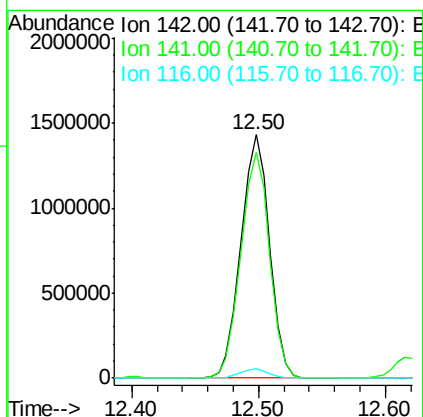
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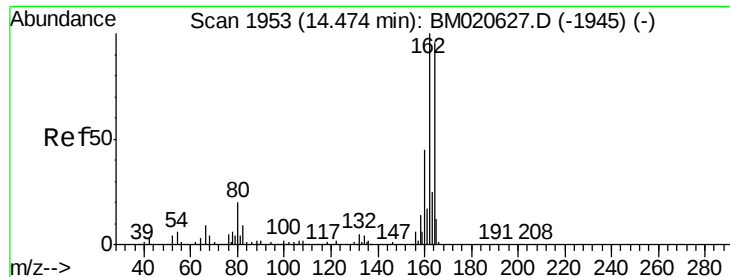
mohammad
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#38
1-Methylnaphthalene
Concen: 43.725 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1
116	4.0	3.2	4.8





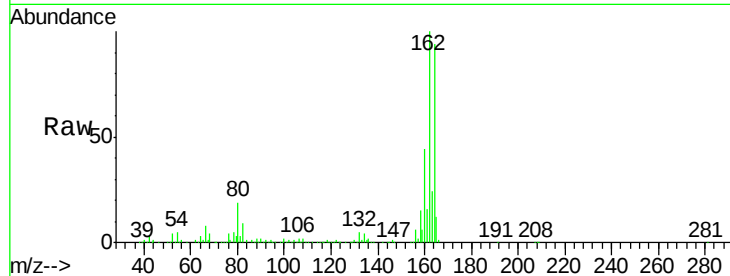
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.5	125.3
160	47.0	37.2	55.8

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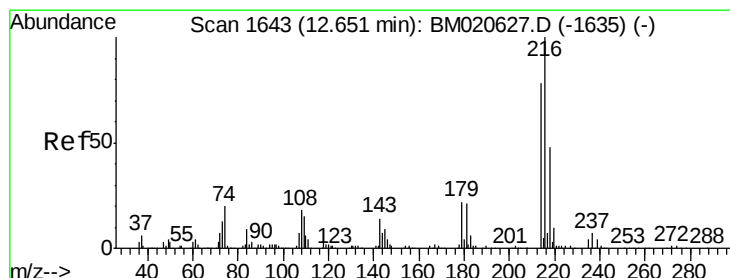
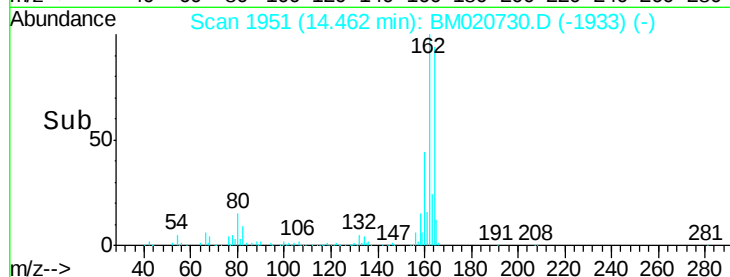
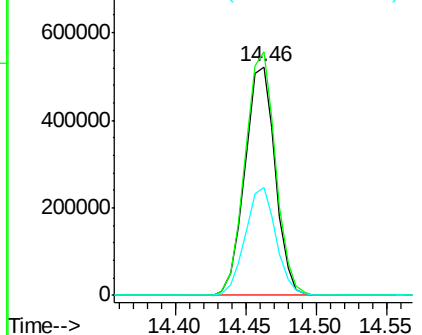


Abundance

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: 47.883 ng
RT: 12.64 min Scan# 1642
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.1	94.7
179	21.5	17.3	25.9
108	20.2	14.6	22.0

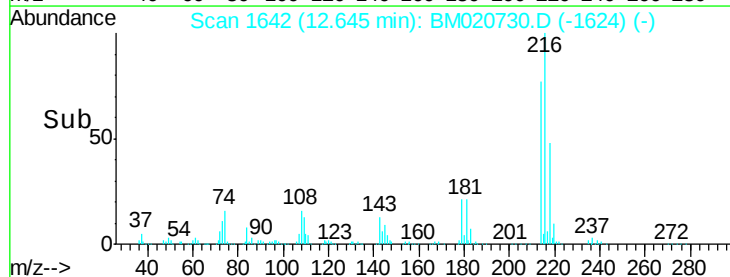
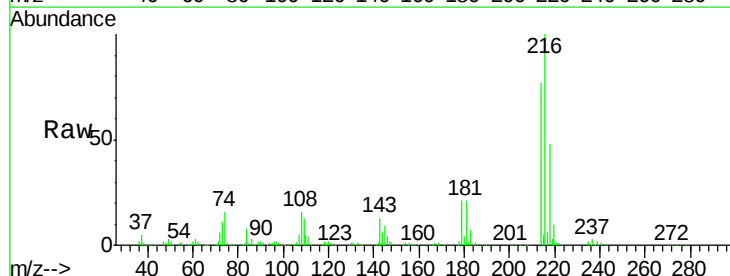
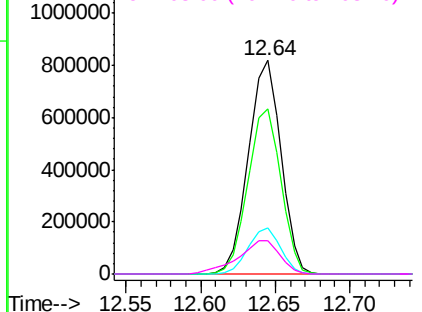
Abundance

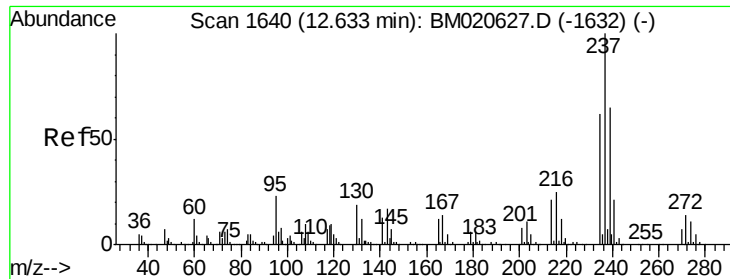
Ion 216.00 (215.70 to 216.70): E

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: 100.135 ng

RT: 12.62 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

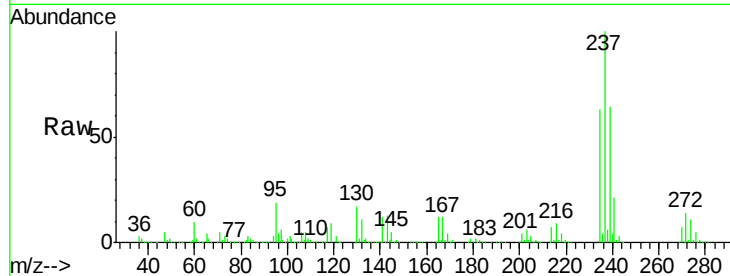
ClientSampleId :

PB120172BS

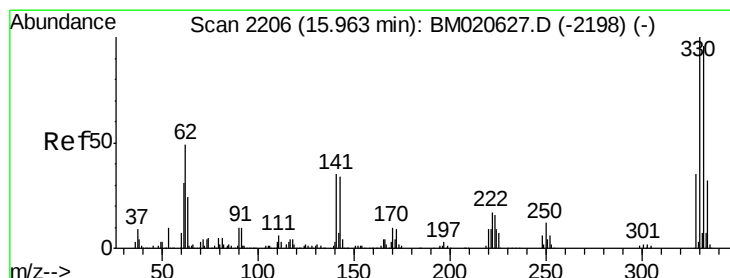
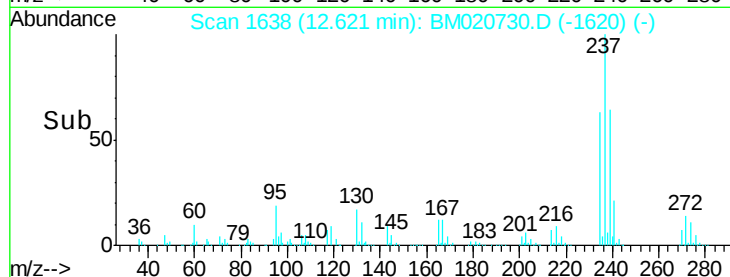
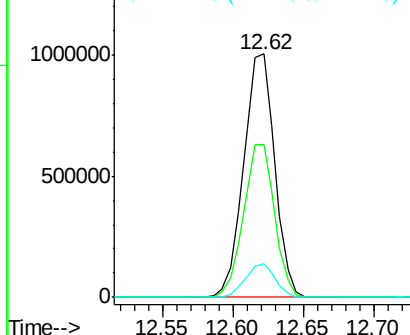
Tot Ion:	237	Resp:	1548127
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.7	81.7
272	13.6	0.0	33.0

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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: 142.426 ng

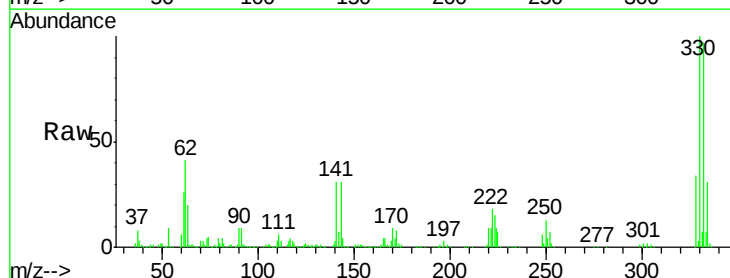
RT: 15.95 min Scan# 2204

Delta R.T. -0.00 min

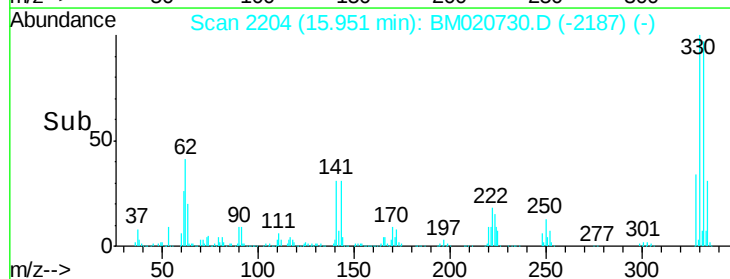
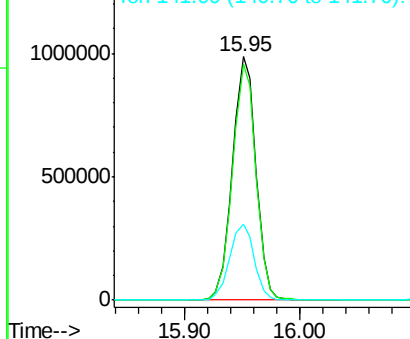
Lab File: BM020730.D

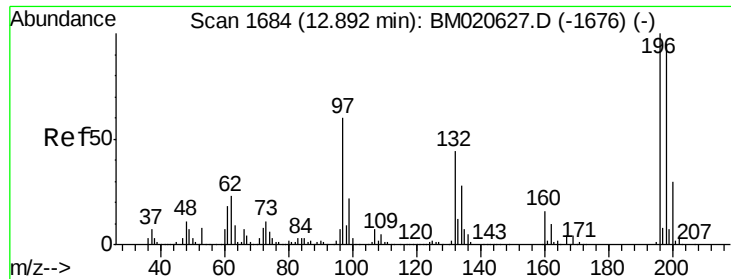
Acq: 05 Jun 2019 11:17

Tgt Ion:	330	Resp:	1391991
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.4
141	32.7	27.7	41.5



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





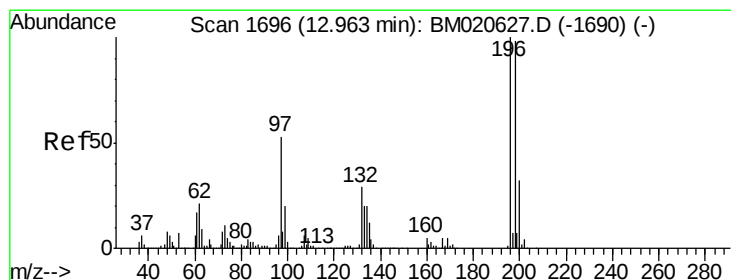
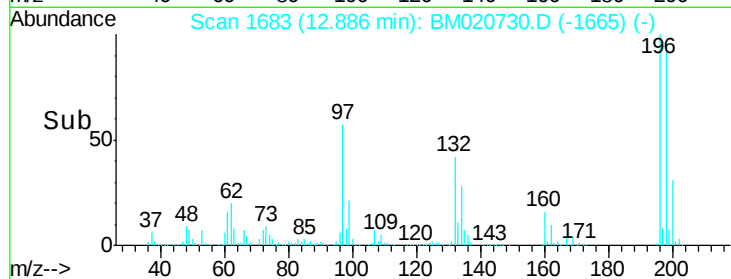
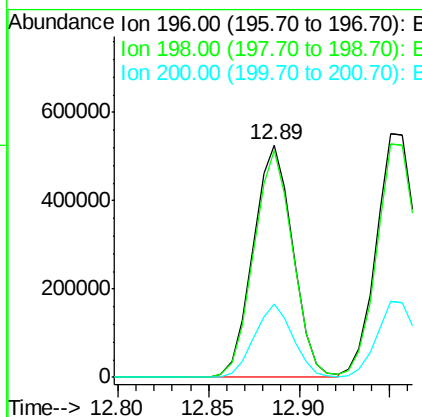
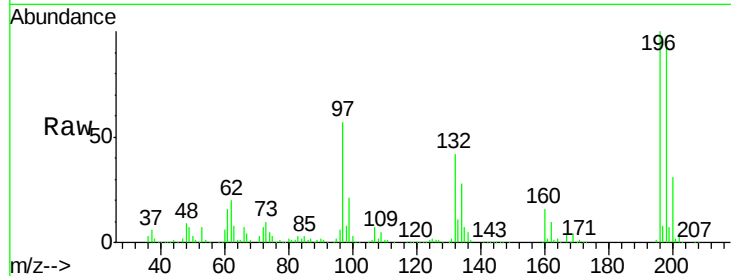
#43
 2,4,6-Trichlorophenol
 Concen: 48.100 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	800352		
198	97.3	76.4	114.6	
200	31.3	24.6	37.0	

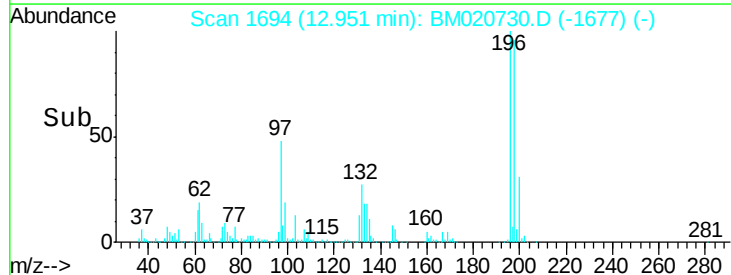
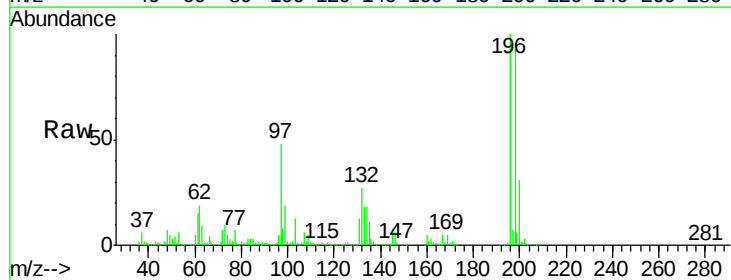
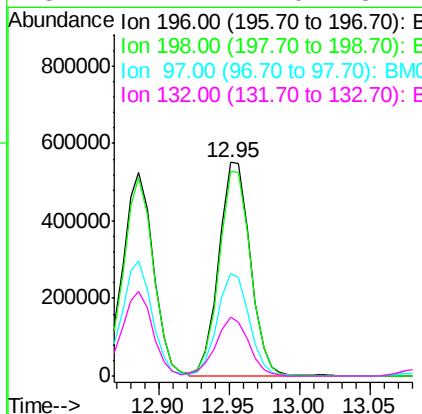
Manual Integrations
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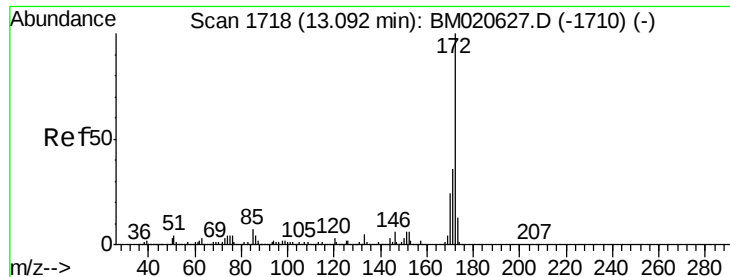
mohammad
 6/6/2019 11:21:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.828 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	855957		
198	95.9	76.0	114.0	
97	48.3	39.8	59.8	
132	27.4	21.0	31.4	





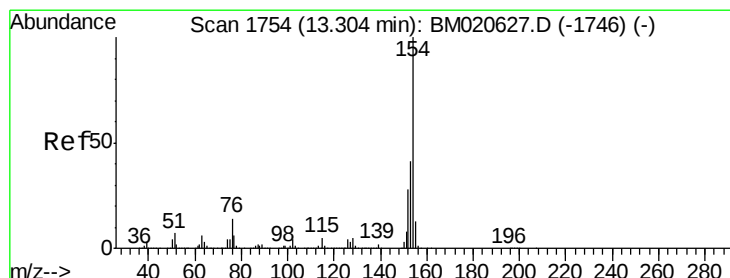
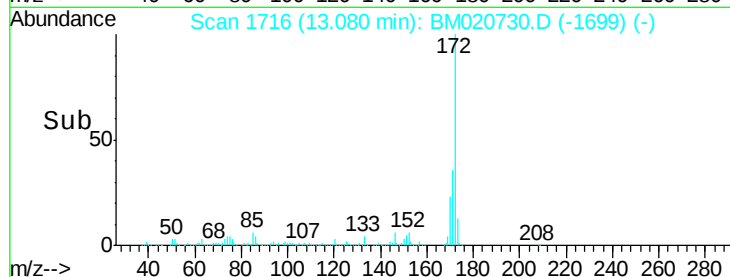
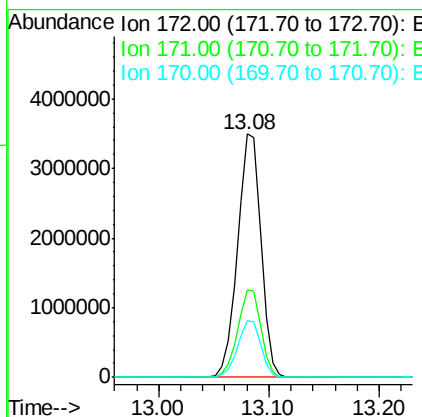
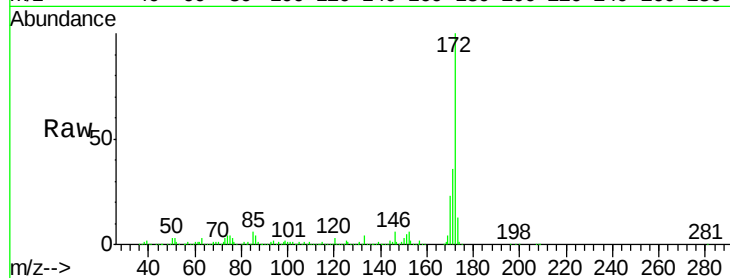
#45
2-Fluorobiphenyl
Concen: 87.943 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.4	18.5	27.7

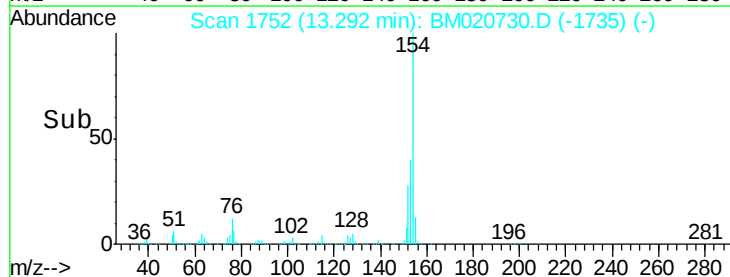
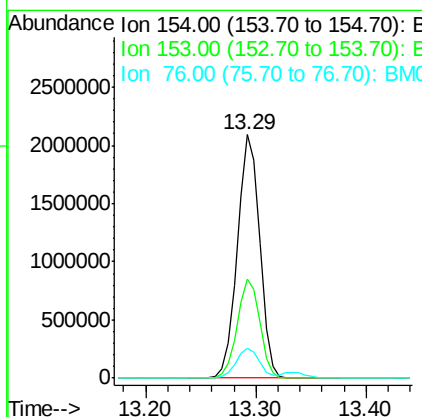
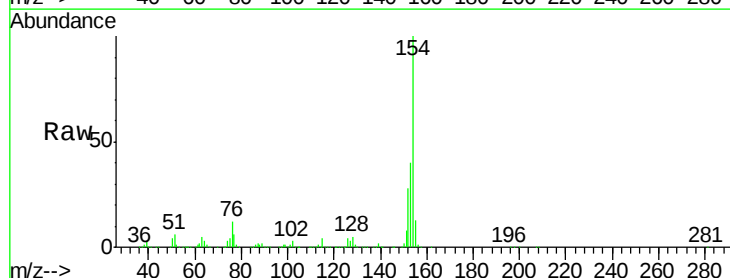
Manual Integrations
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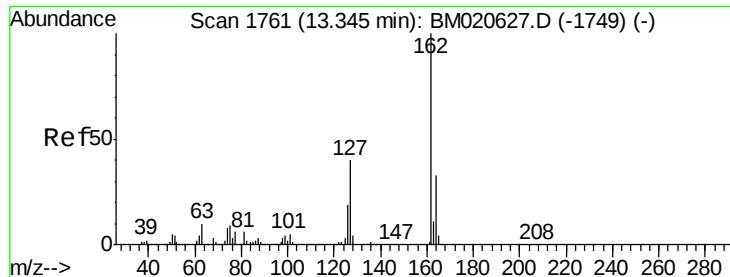
mohammad
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#46
1,1'-Biphenyl
Concen: 45.216 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	12.3	0.0	32.5





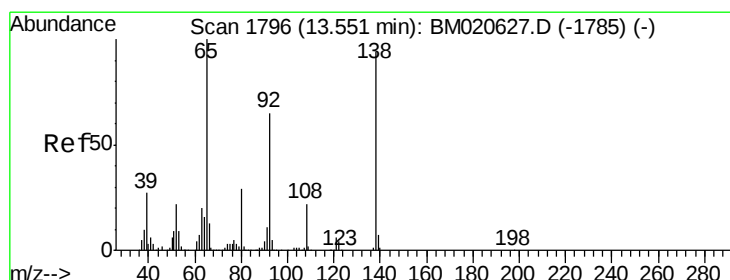
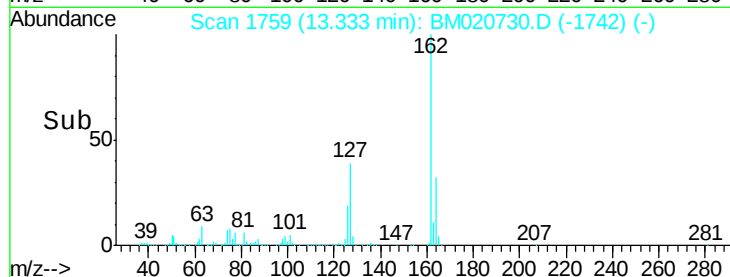
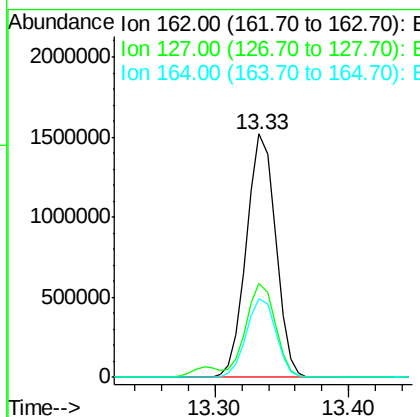
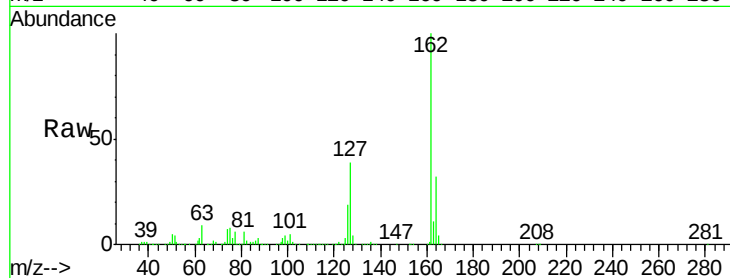
#47
 2-Chloronaphthalene
 Concen: 43.251 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.1	46.7
164	32.4	26.1	39.1

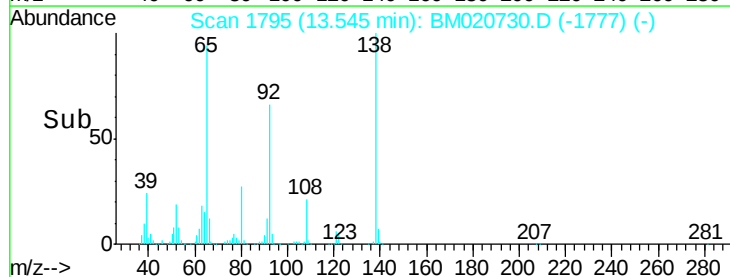
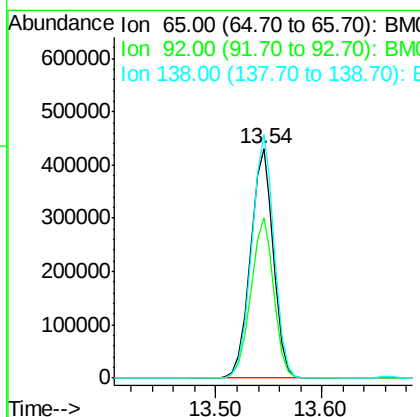
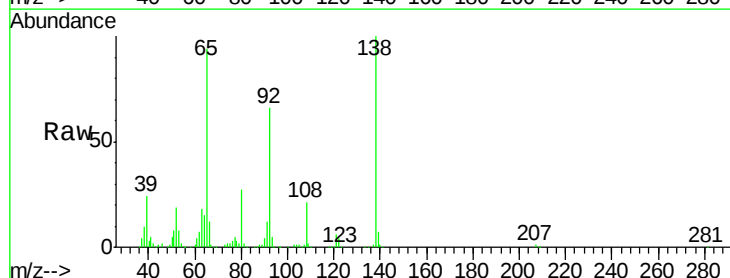
Manual Integrations
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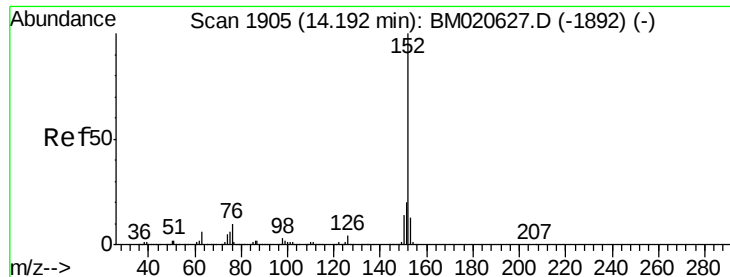
mohammad
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#48
 2-Nitroaniline
 Concen: 38.970 ng
 RT: 13.54 min Scan# 1795
 Delta R.T. 0.01 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.2	82.8
138	106.3	82.6	124.0





#49

Acenaphthylene

Concen: 43.801 ng

RT: 14.19 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:152 Resp: 3633862

Ion Ratio Lower Upper

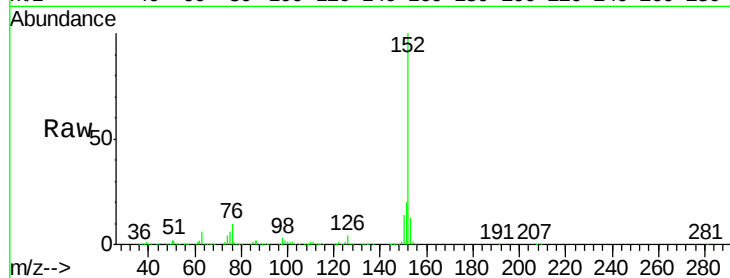
152 100

151 19.9 16.2 24.2

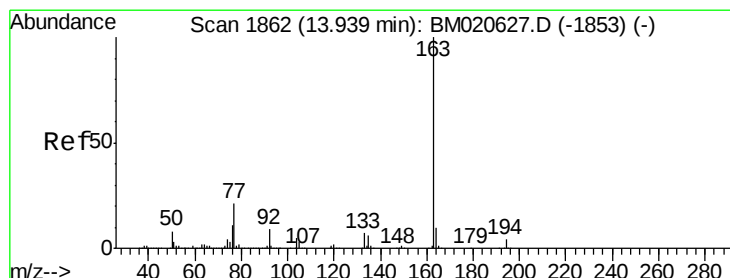
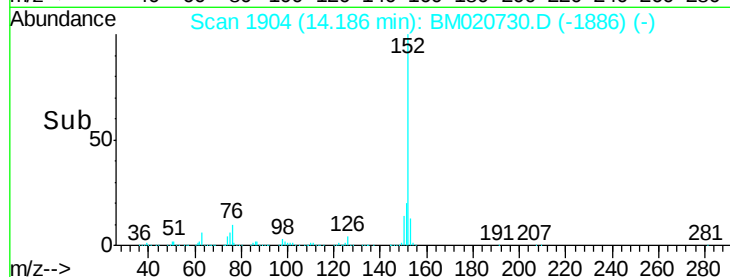
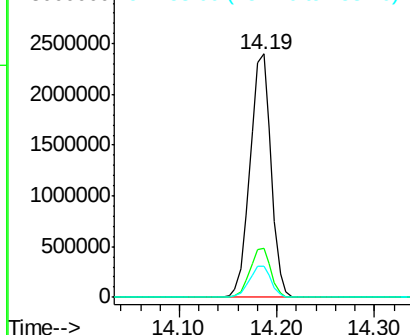
153 12.7 10.6 15.8

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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: 41.717 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

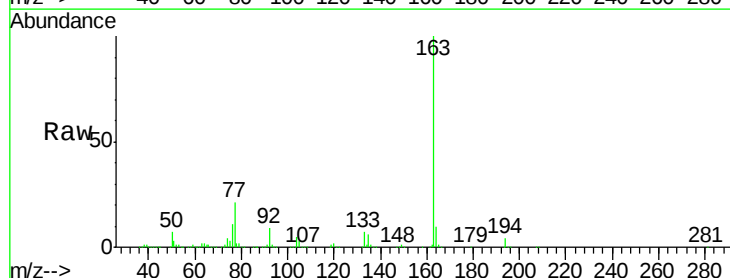
Tgt Ion:163 Resp: 2811432

Ion Ratio Lower Upper

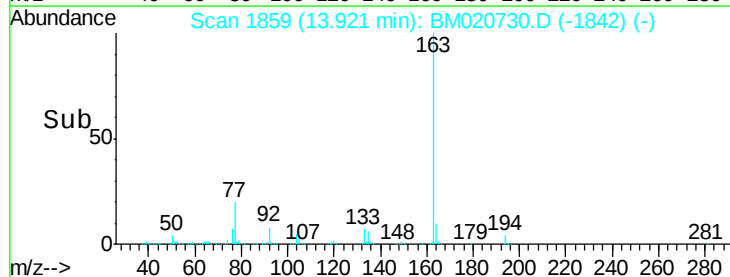
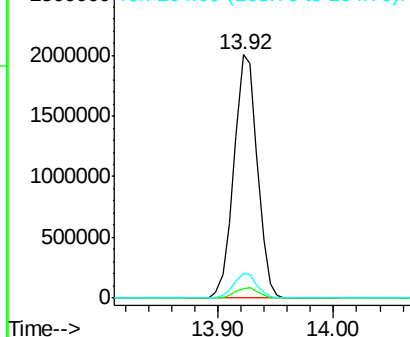
163 100

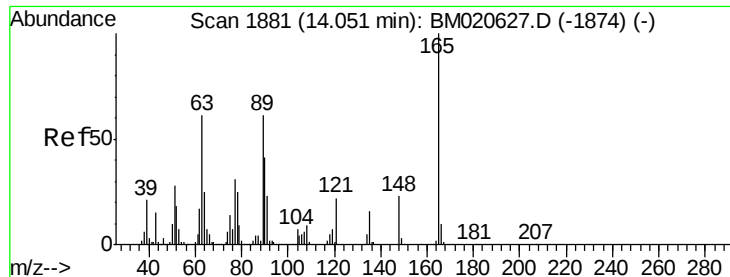
194 4.0 3.2 4.8

164 10.3 8.2 12.4



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





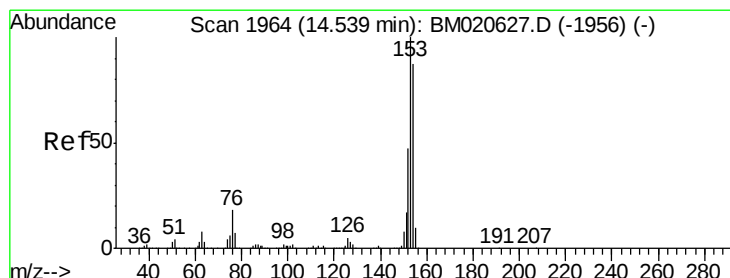
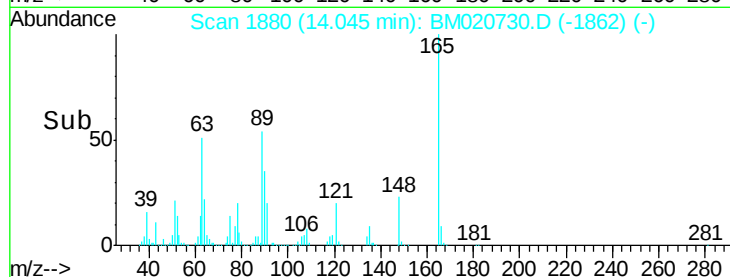
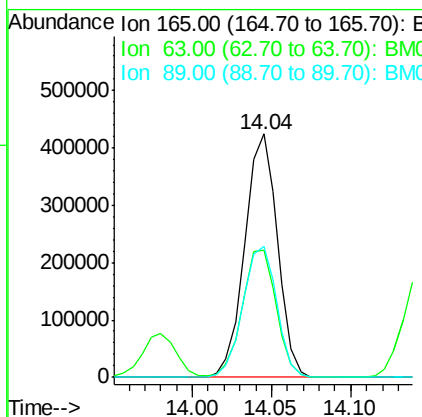
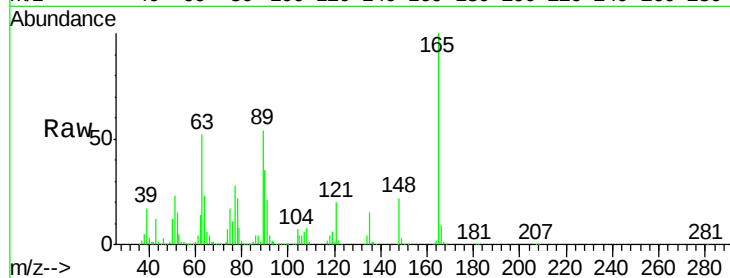
#51
2,6-Dinitrotoluene
Concen: 44.380 ng
RT: 14.04 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	607309		
63	52.2		45.0	67.6
89	53.7		43.5	65.3

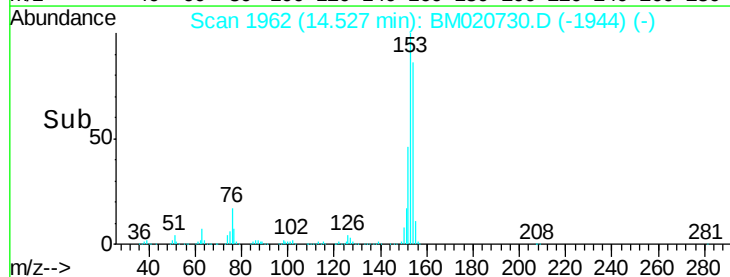
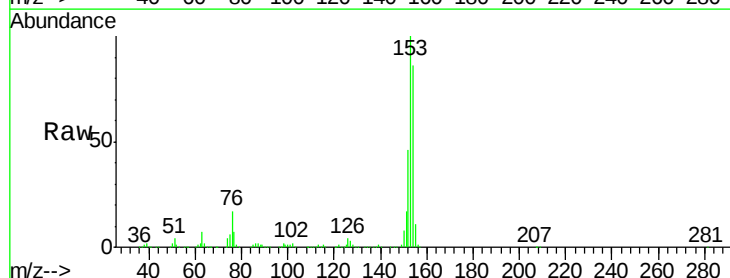
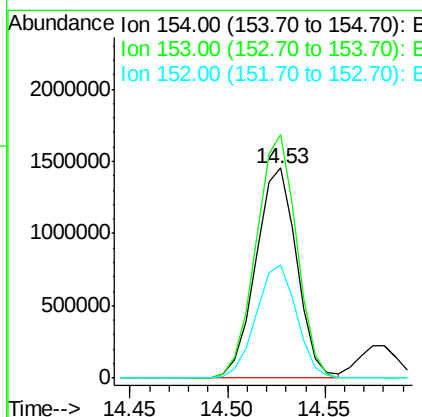
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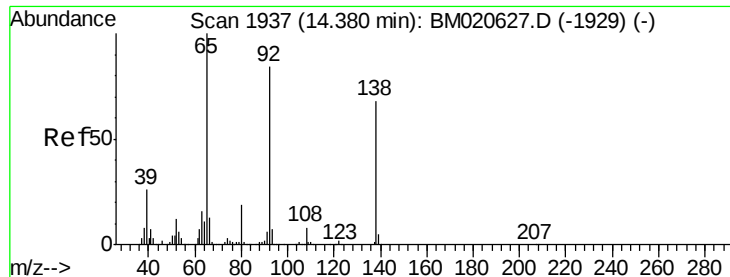
mohammad
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#52
Acenaphthene
Concen: 42.729 ng
RT: 14.53 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2112546		
153	116.0		90.6	135.8
152	53.7		42.6	63.8





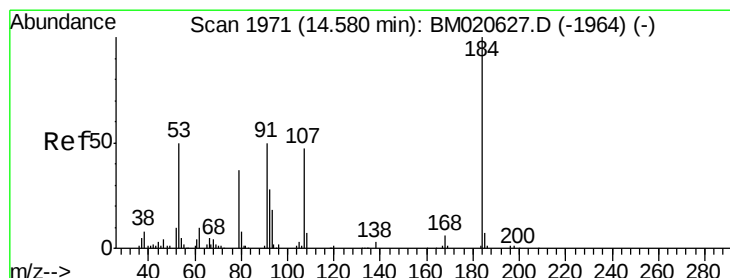
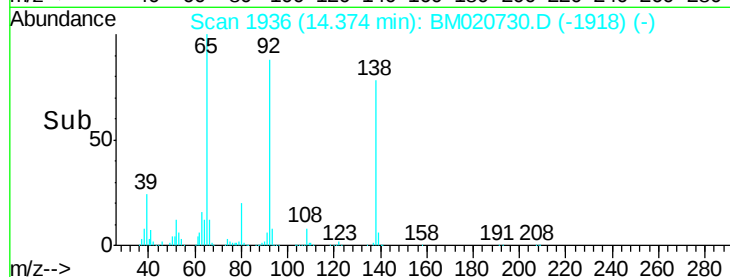
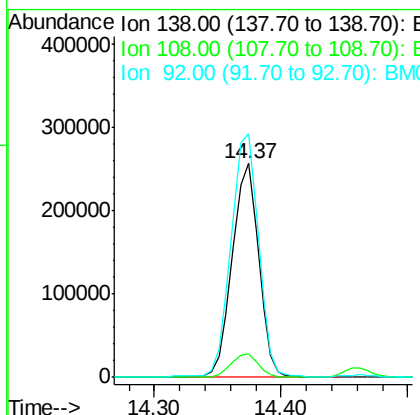
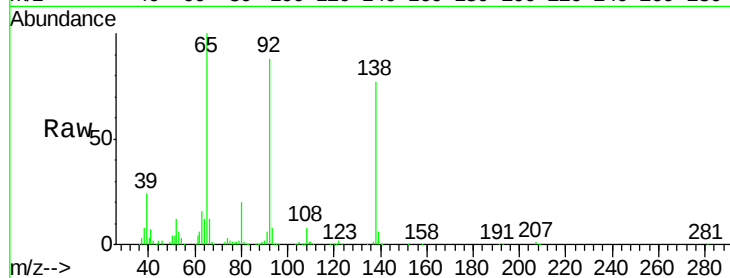
#53
3-Nitroaniline
Concen: 24.399 ng
RT: 14.37 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.9	13.3
92	113.7	95.2	142.8

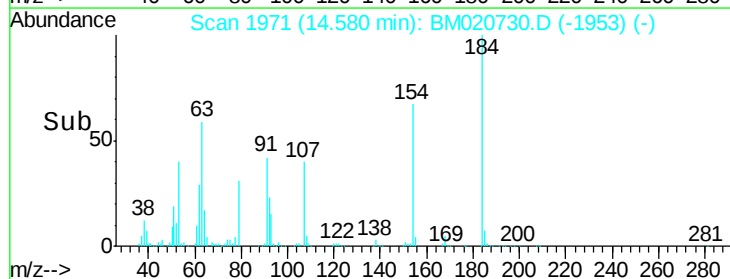
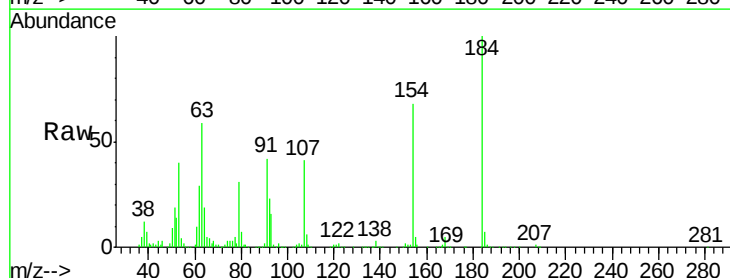
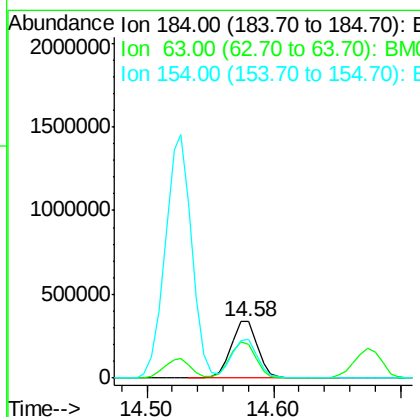
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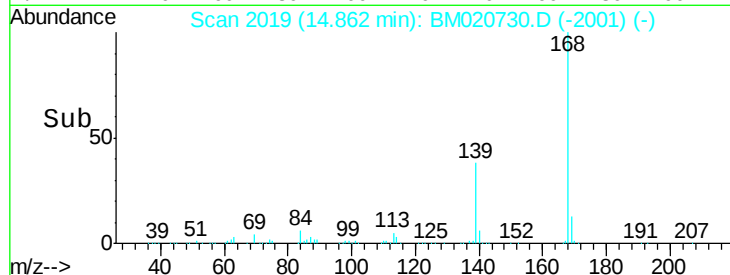
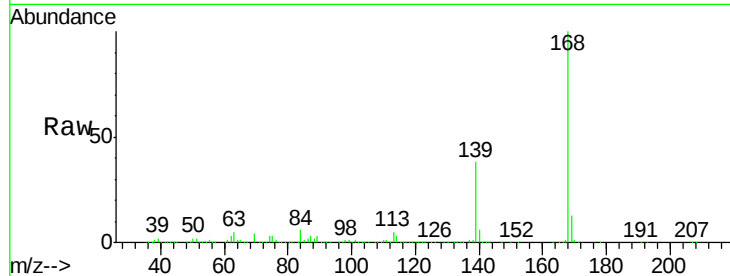
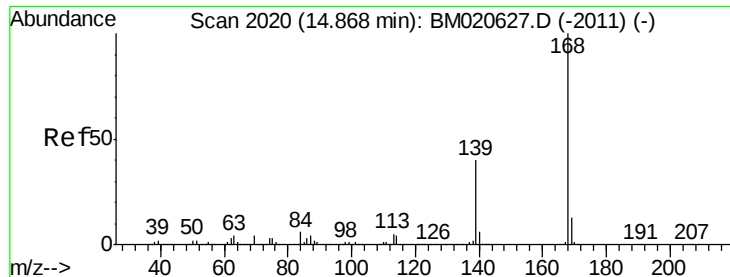
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#54
2,4-Dinitrophenol
Concen: 83.205 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.8	49.8	74.8
154	67.6	55.4	83.2





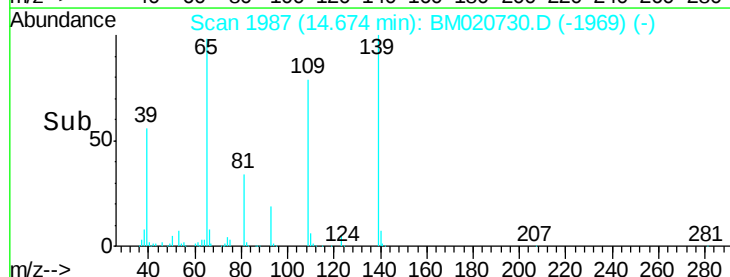
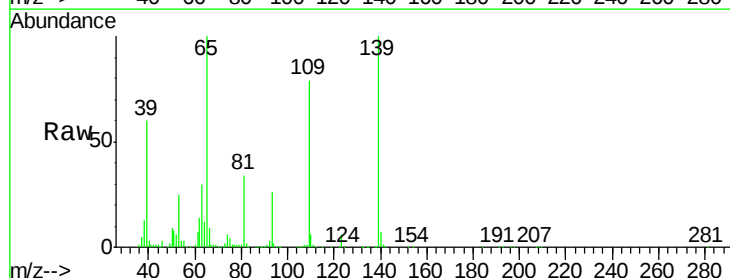
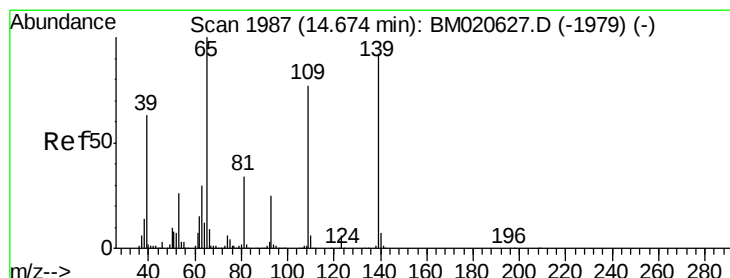
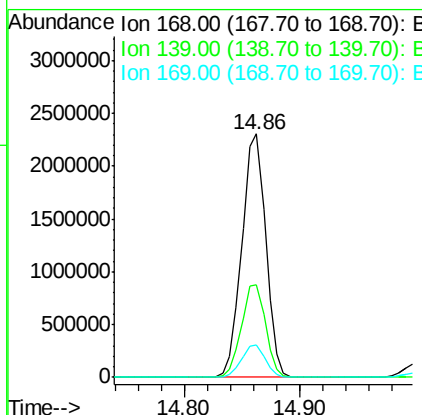
#55
Dibenzofuran
Concen: 43.207 ng
RT: 14.86 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tot Ion:168 Resp: 3317747
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.2 10.6 15.8

Instrument :
BNA_M
ClientSampleId :
PB120172BS

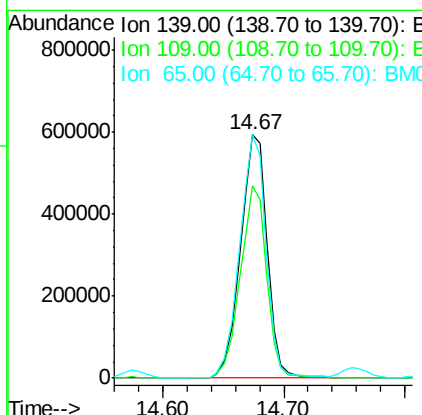
Manual Integrations
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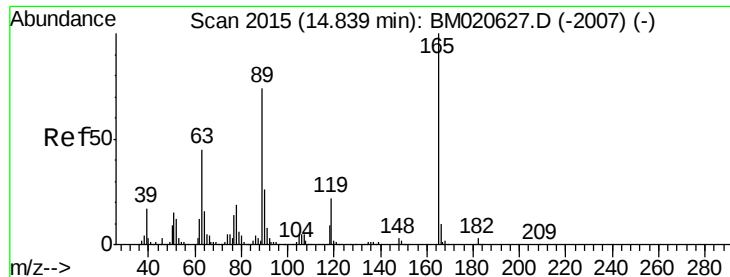
mohammad
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#56
4-Nitrophenol
Concen: 81.529 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:139 Resp: 917643
Ion Ratio Lower Upper
139 100
109 78.8 58.0 98.0
65 99.9 78.3 118.3





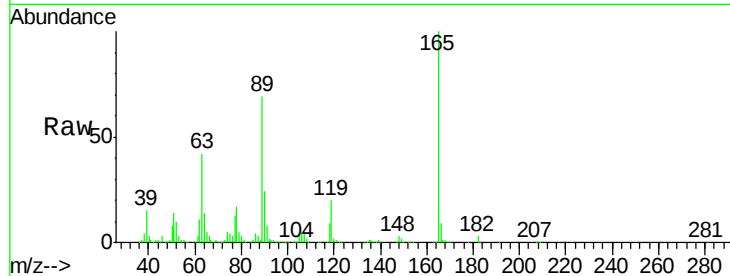
#57
2,4-Dinitrotoluene
Concen: 43.455 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		796199		
63	41.6	32.8	49.2		
89	69.1	55.9	83.9		
182	2.9	2.4	3.6		

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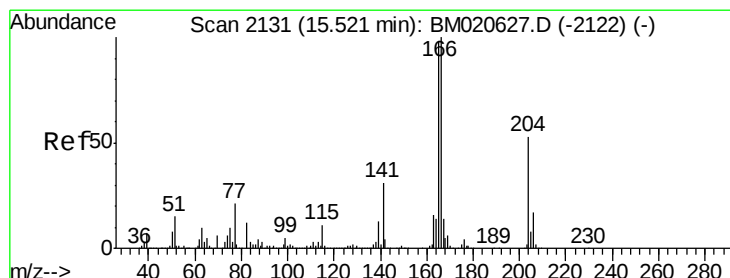
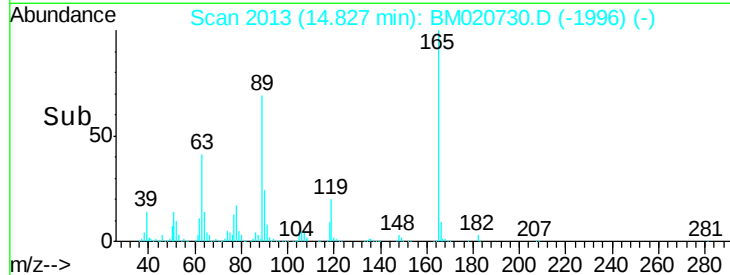
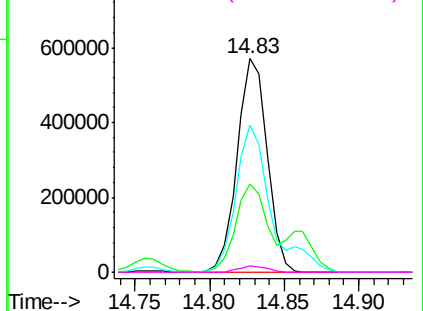


Abundance Ion 165.00 (164.70 to 165.70): E

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

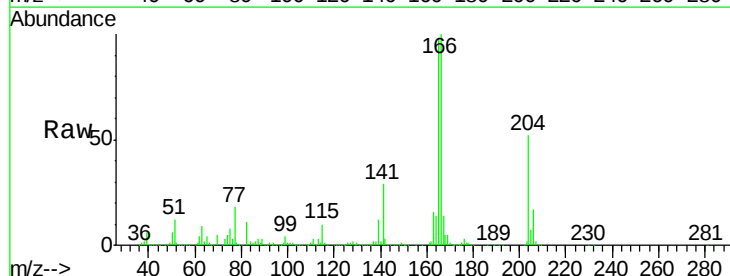
Ion 89.00 (88.70 to 89.70): BM020627.D (-2007) (-)

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.078 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

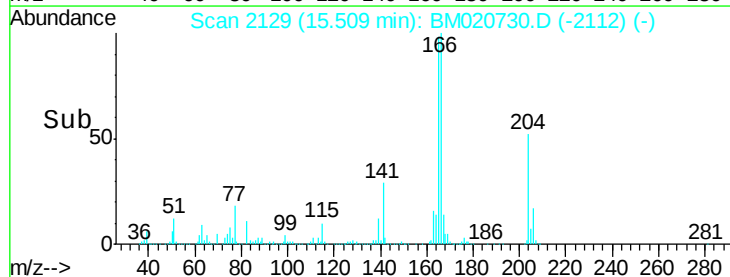
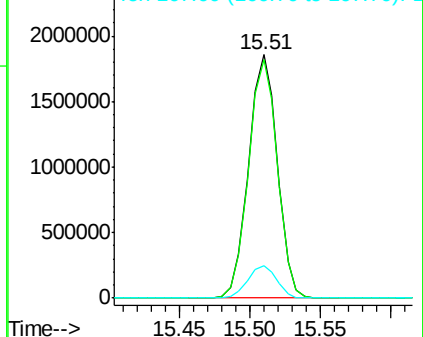
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2657080		
165	97.8	79.4	119.2		
167	13.5	10.8	16.2		

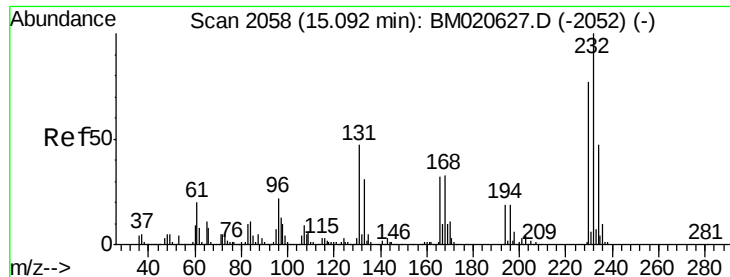


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





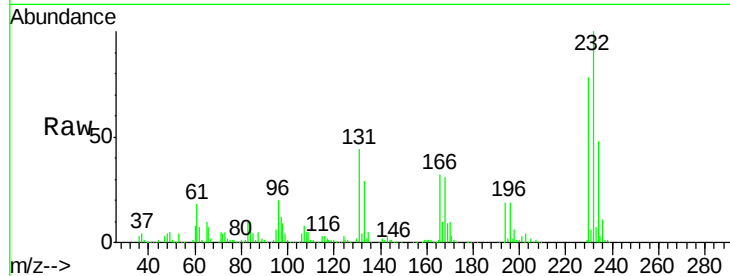
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.328 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

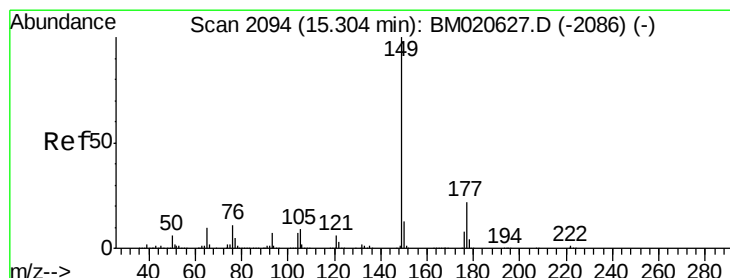
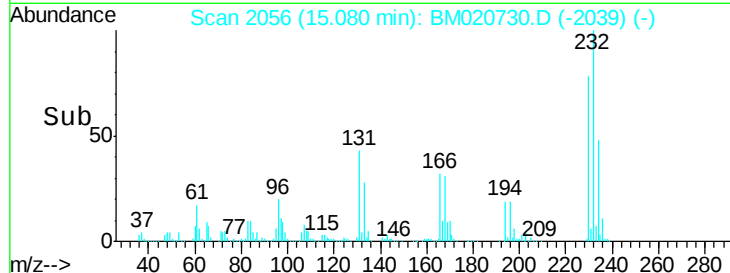
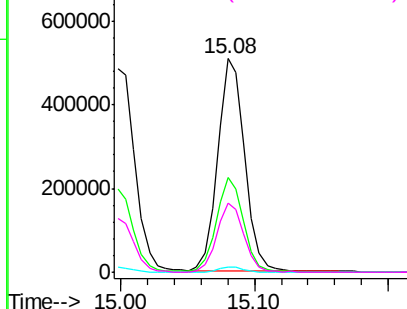
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.9	55.3
130	2.5	2.0	3.0
166	32.2	25.6	38.4

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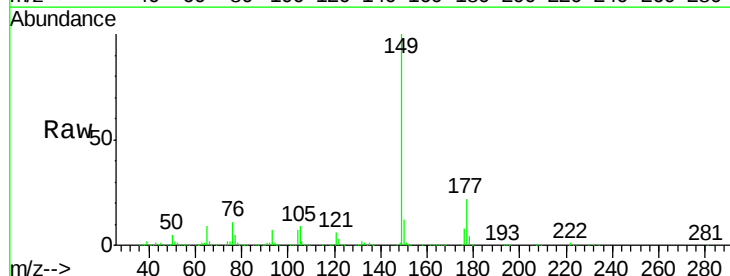


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

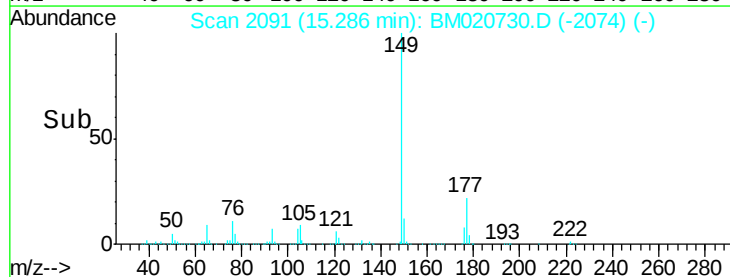
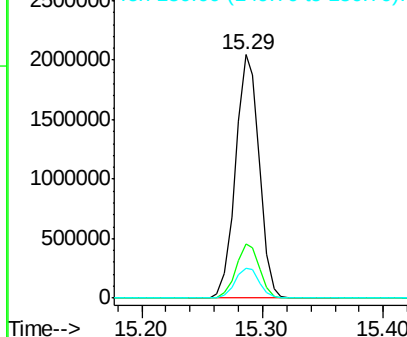


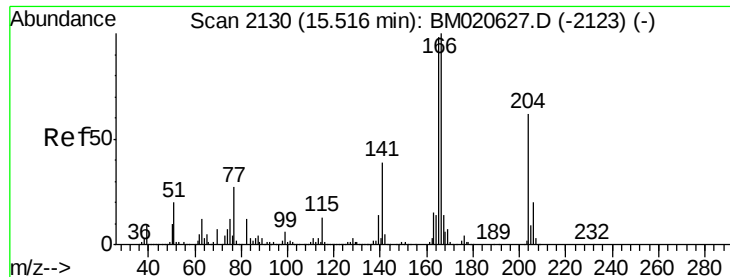
#60
 Diethylphthalate
 Concen: 40.085 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.4	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





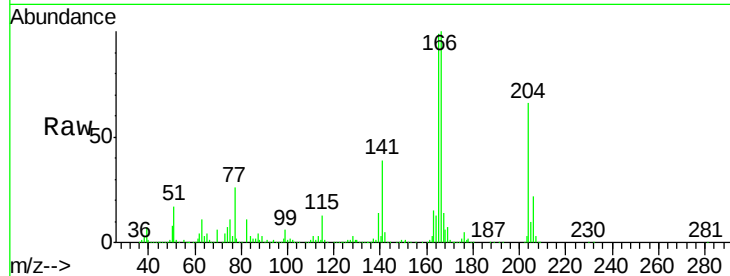
#61
4-Chlorophenyl-phenylether
Concen: 42.365 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

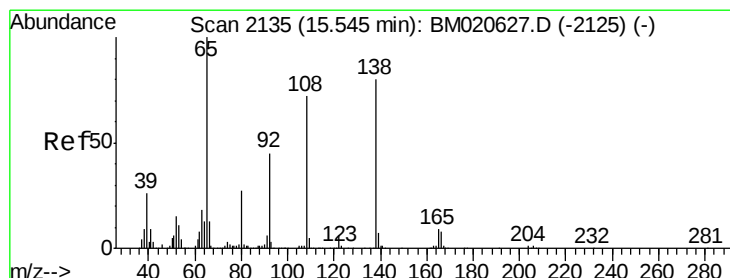
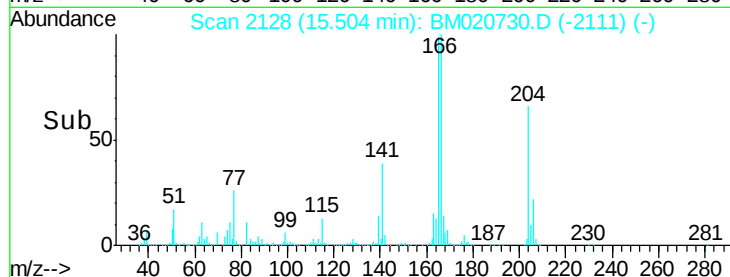
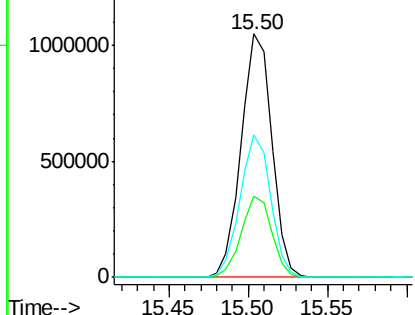
Tot Ion:204 Resp: 1416474
Ion Ratio Lower Upper
204 100
206 33.1 26.1 39.1
141 58.5 46.7 70.1

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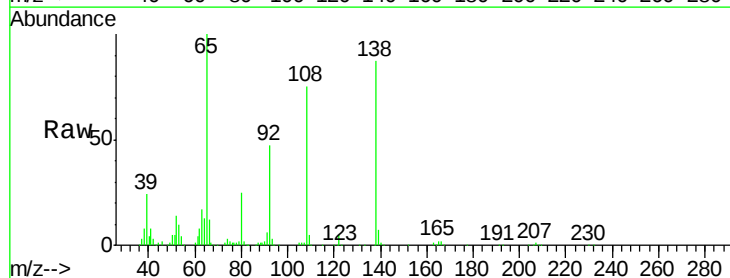


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

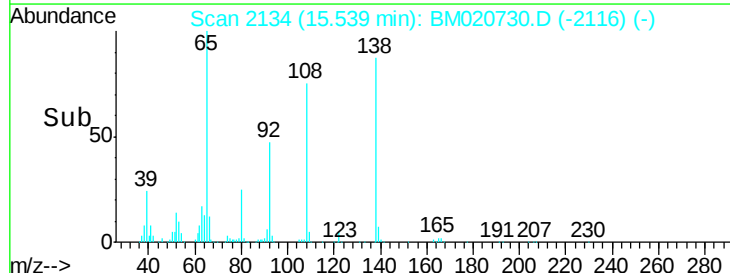
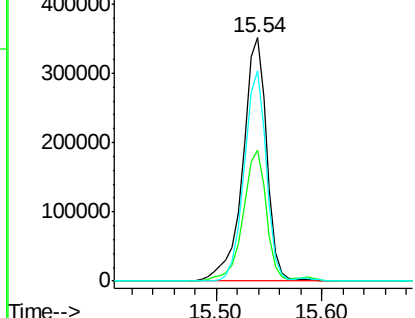


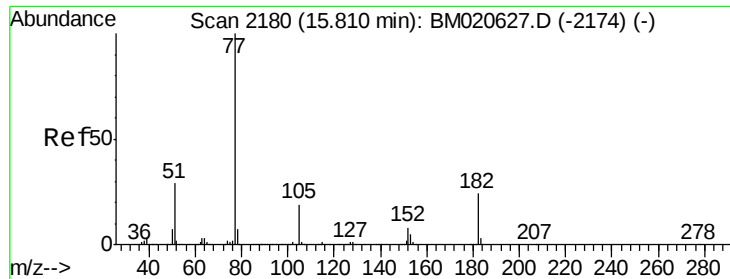
#62
4-Nitroaniline
Concen: 34.121 ng
RT: 15.54 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:138 Resp: 552712
Ion Ratio Lower Upper
138 100
92 53.7 33.2 73.2
108 86.5 64.1 104.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





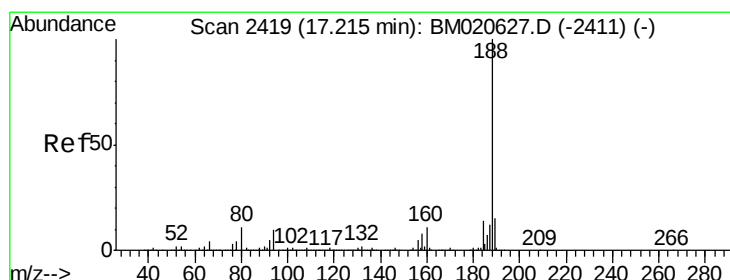
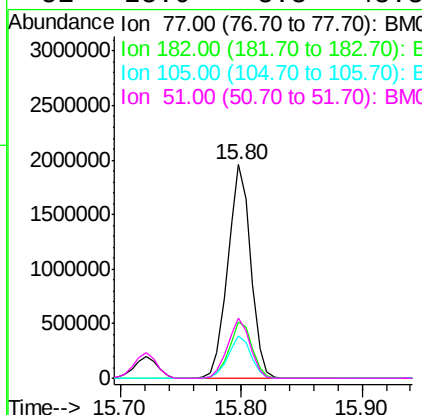
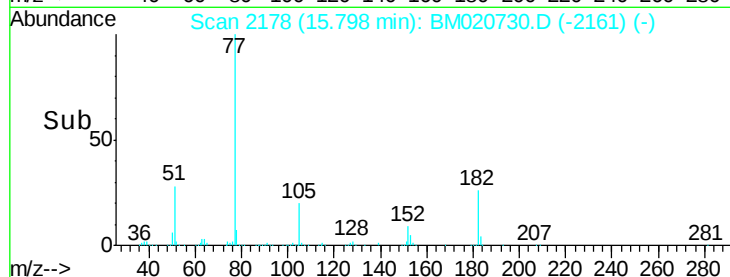
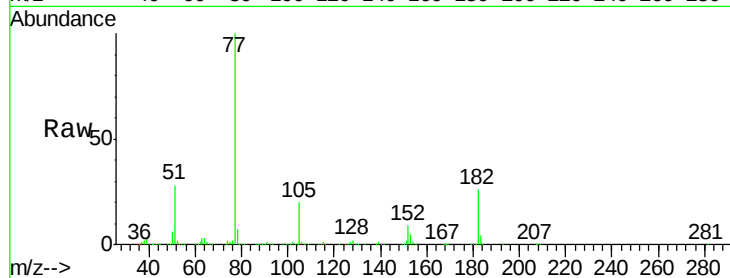
#63
Azobenzene
Concen: 38.394 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.2	6.3	46.3	
105	20.0	0.4	40.4	
51	28.0	8.3	48.3	

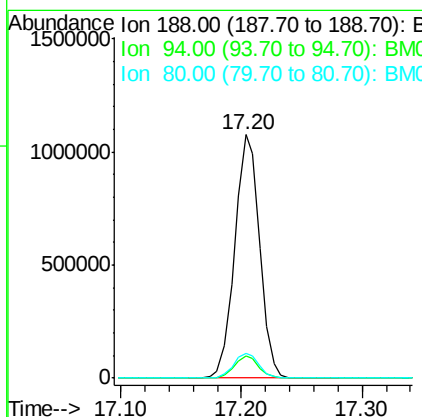
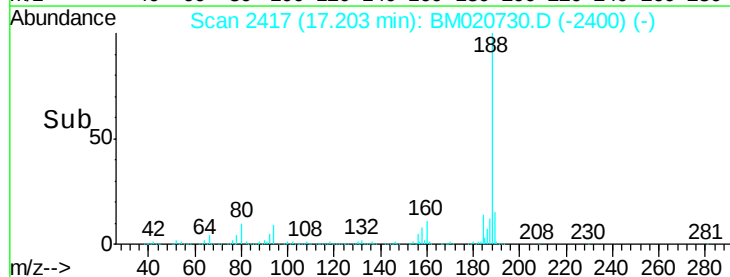
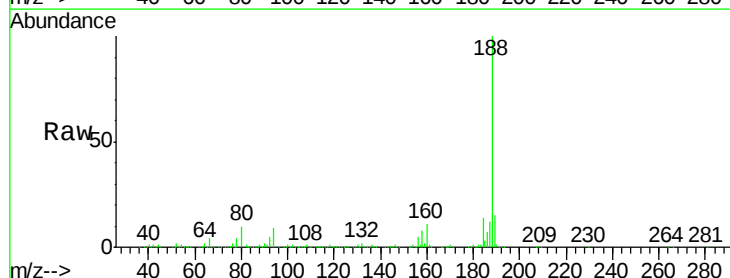
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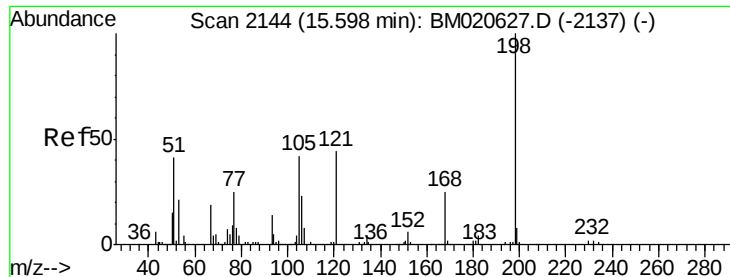
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.0	10.4	
80	10.3	7.8	11.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.134 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:198 Resp: 311093

Ion Ratio Lower Upper

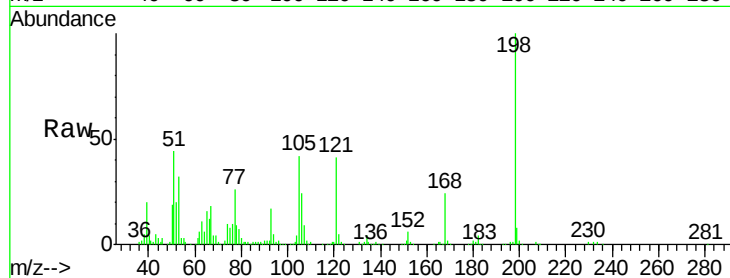
198 100

51 43.9 21.6 61.6

105 41.5 20.6 60.6

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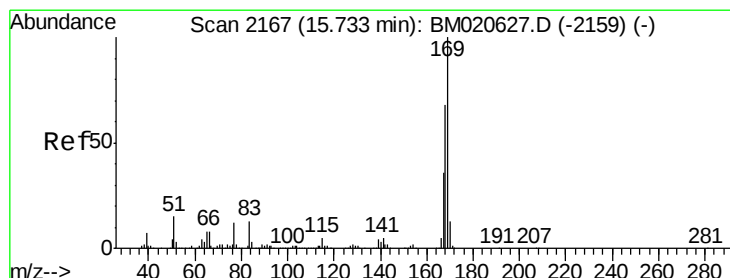
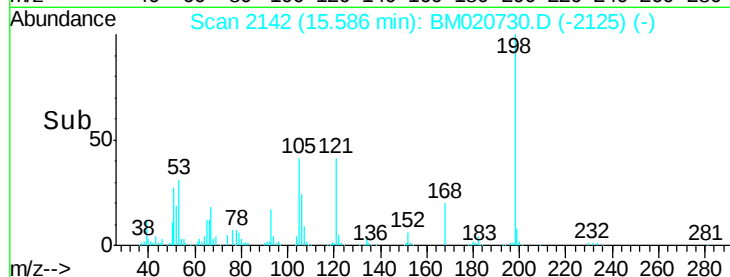
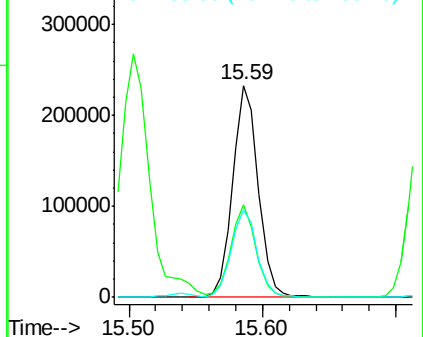
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.485 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

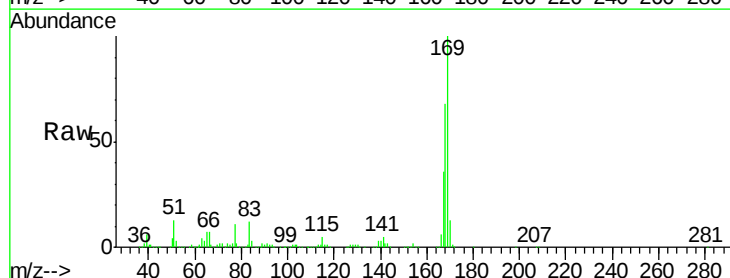
Tgt Ion:169 Resp: 2286876

Ion Ratio Lower Upper

169 100

168 67.9 54.7 82.1

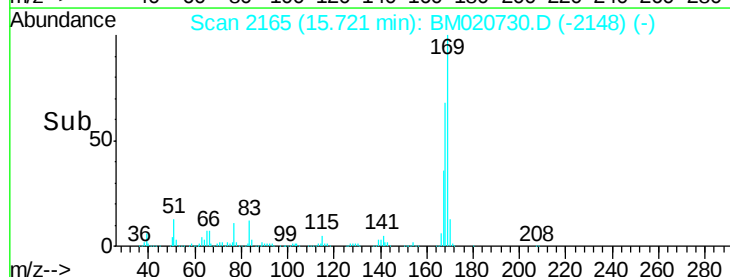
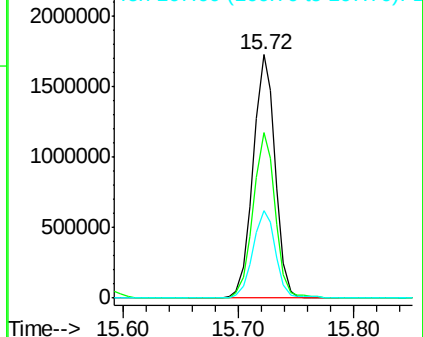
167 36.1 29.3 43.9

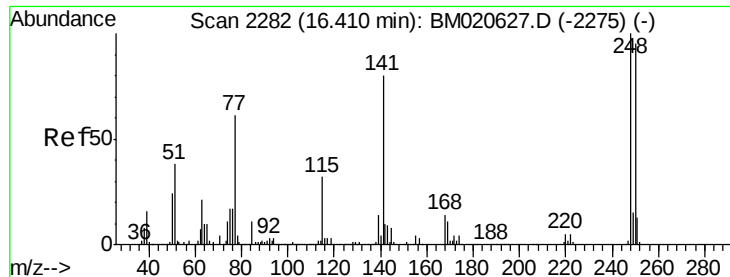


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.948 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:248 Resp: 831388

Ion Ratio Lower Upper

248 100

250 95.7 77.4 116.2

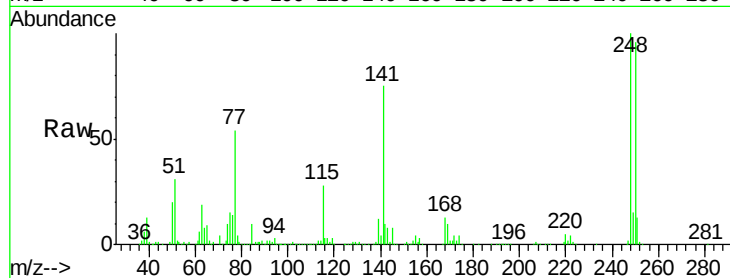
141 74.5 58.2 87.2

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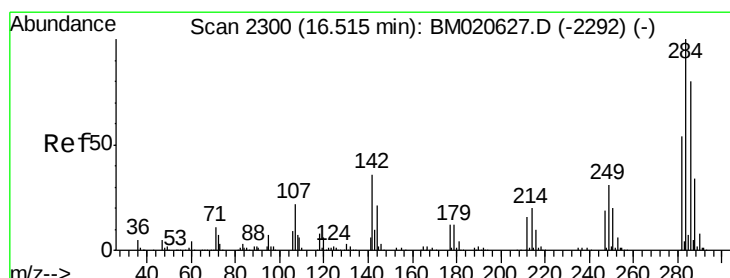
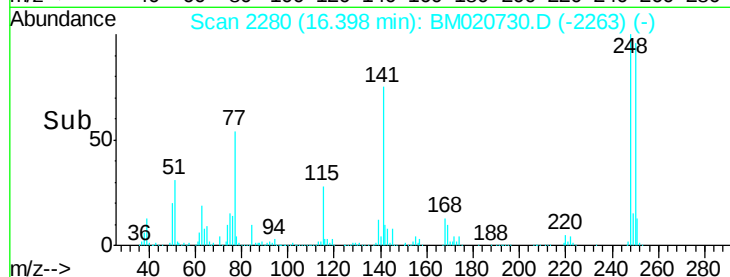
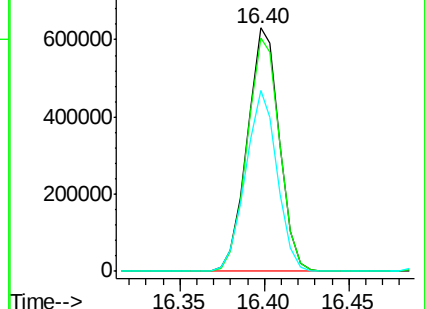
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.645 ng

RT: 16.50 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

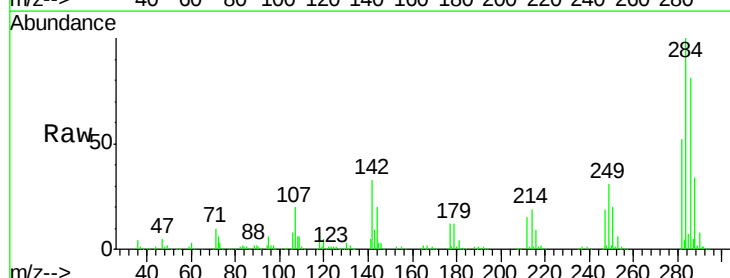
Tgt Ion:284 Resp: 943277

Ion Ratio Lower Upper

284 100

142 32.5 25.4 38.0

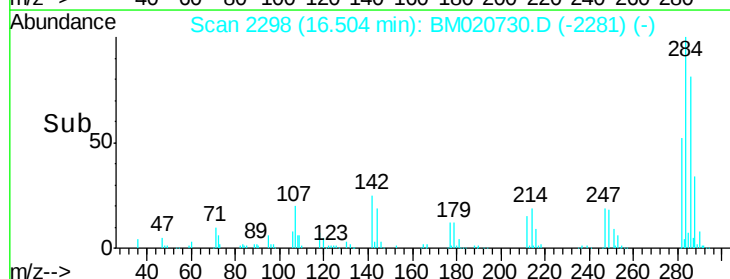
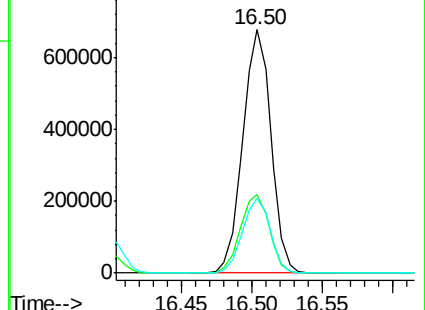
249 30.9 24.9 37.3

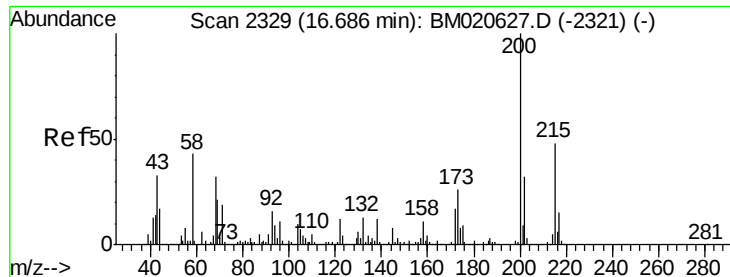


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





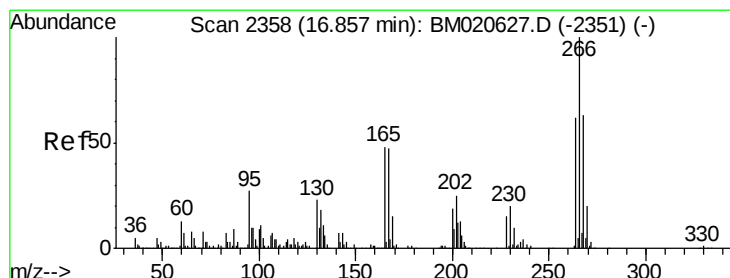
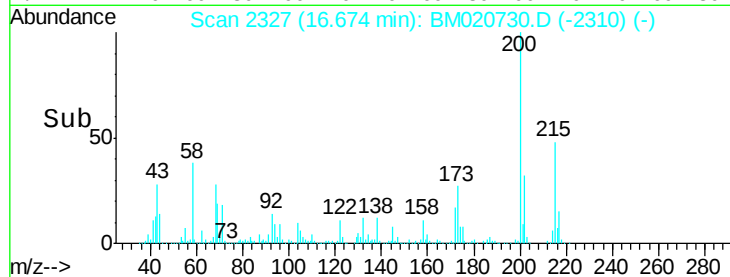
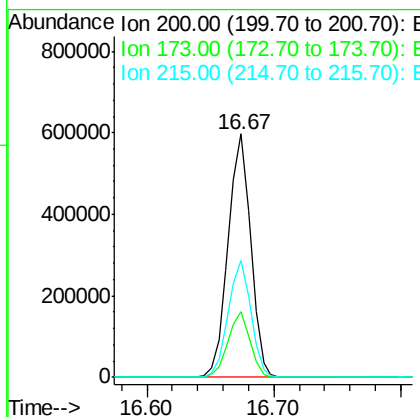
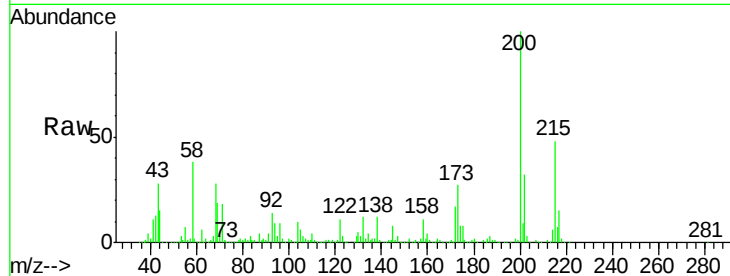
#69
 Atrazine
 Concen: 50.031 ng
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleID :
 PB120172BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	5.7	45.7
215	47.9	28.2	68.2

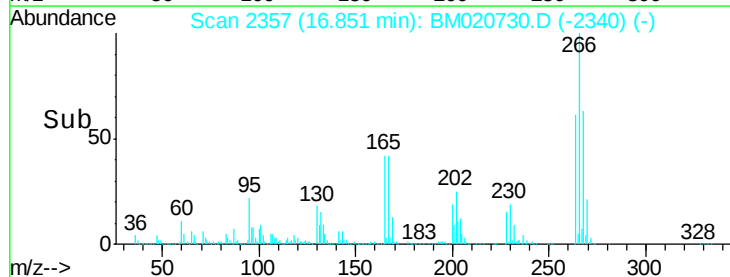
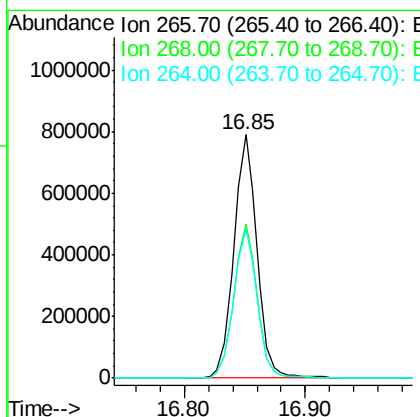
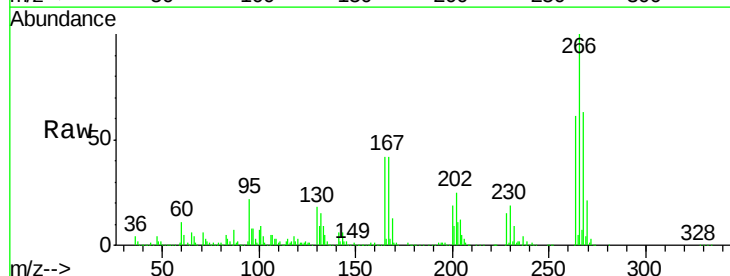
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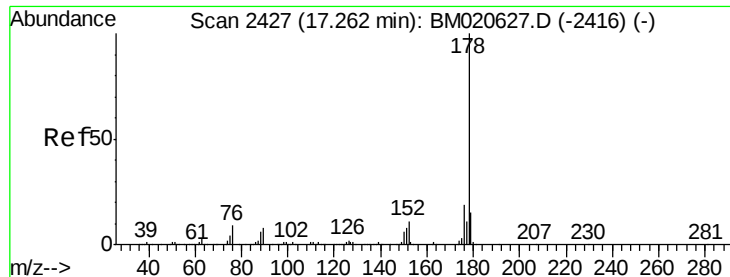
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#70
 Pentachlorophenol
 Concen: 104.731 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.0	76.4
264	61.1	49.9	74.9





#71

Phenanthrene

Concen: 43.171 ng

RT: 17.25 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:178 Resp: 3760655

Ion Ratio Lower Upper

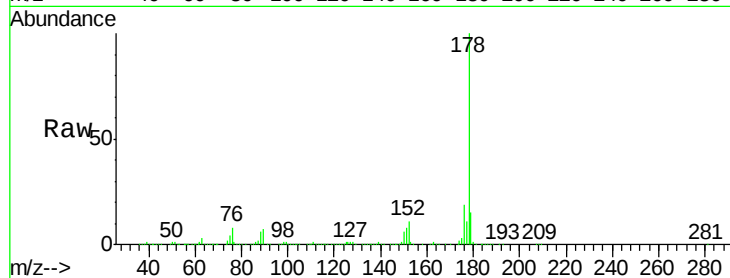
178 100

176 19.1 15.1 22.7

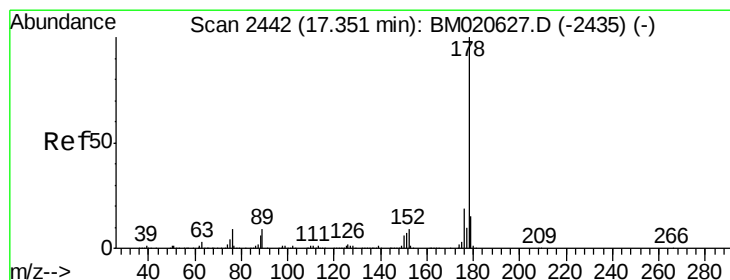
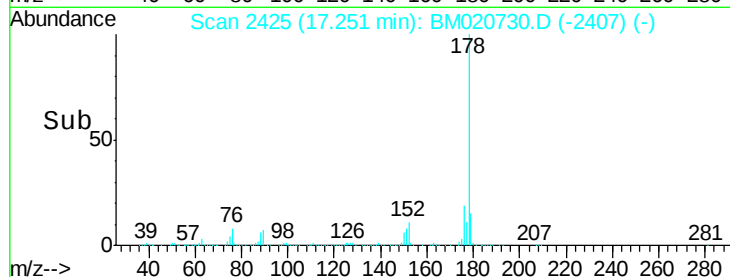
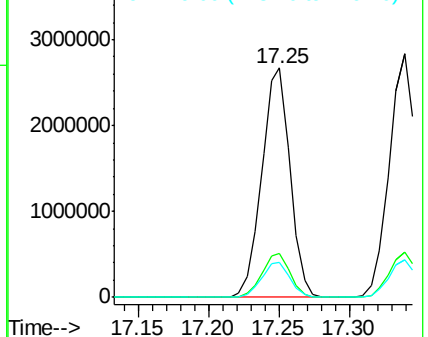
179 15.3 12.3 18.5

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



#72

Anthracene

Concen: 43.960 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

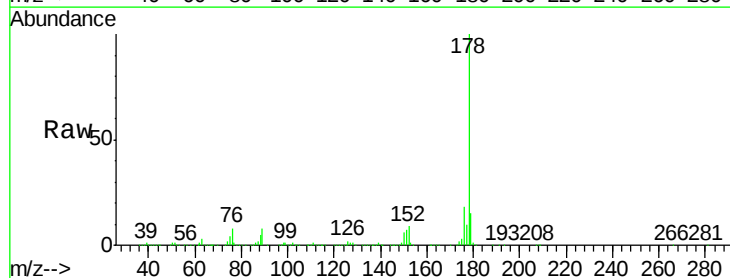
Tgt Ion:178 Resp: 3832673

Ion Ratio Lower Upper

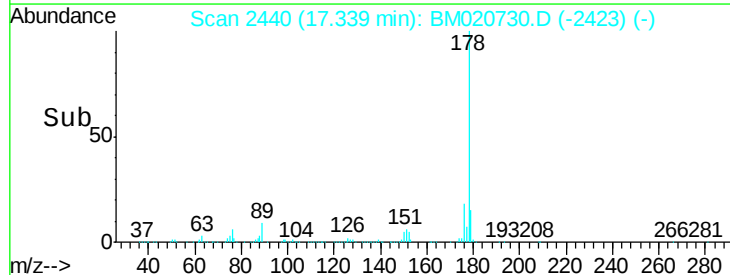
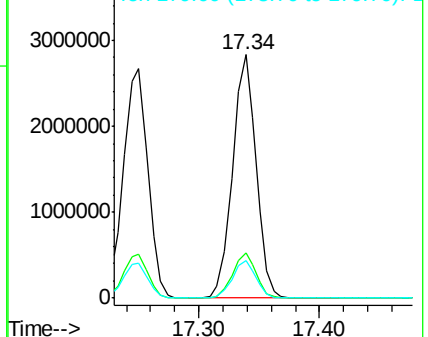
178 100

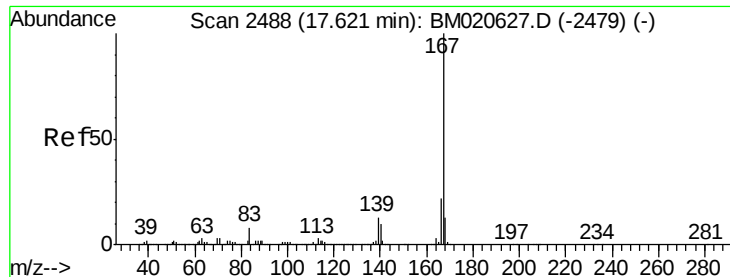
176 18.4 14.8 22.2

179 15.5 11.9 17.9



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





#73

Carbazole

Concen: 40.804 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

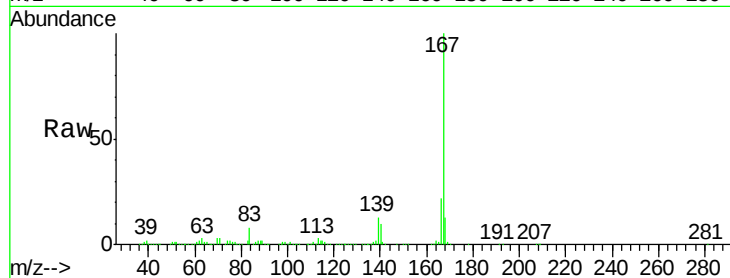
ClientSampleId :

PB120172BS

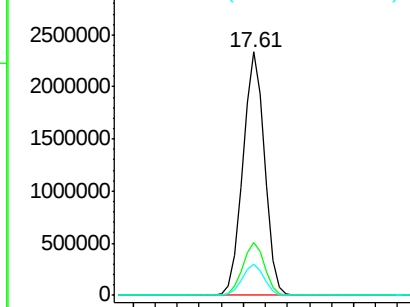
Tot Ion:	167	Resp:	3228337
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.9	10.2	15.4

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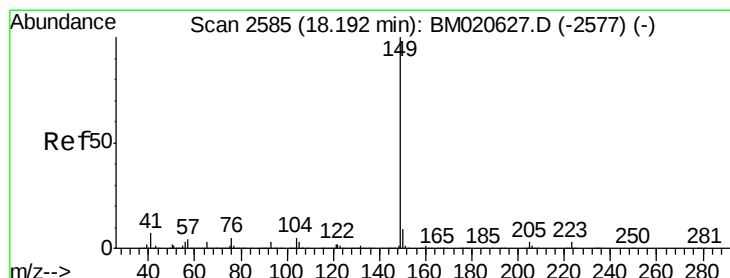
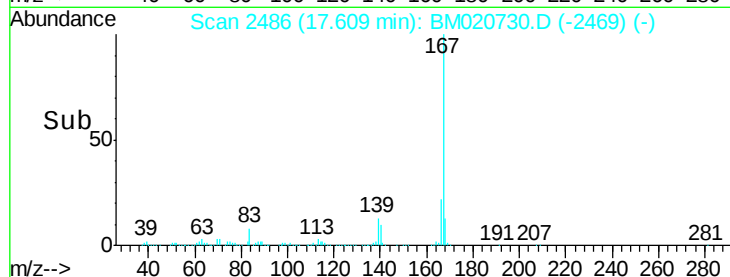
mohammad
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 40.296 ng

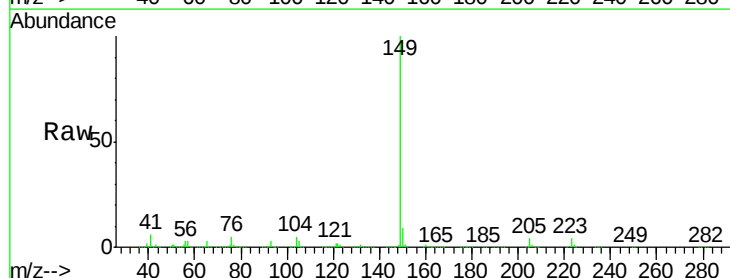
RT: 18.17 min Scan# 2582

Delta R.T. 0.01 min

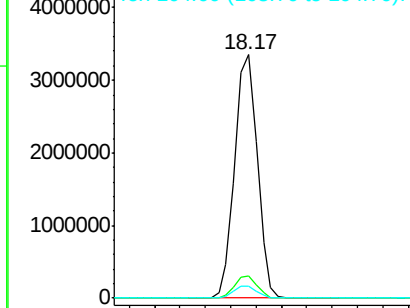
Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

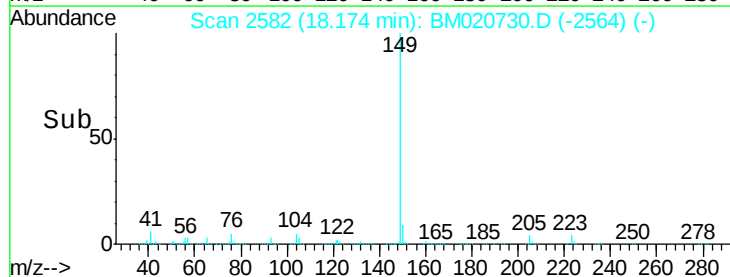
Tgt Ion:	149	Resp:	4138577
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.0	4.1	6.1

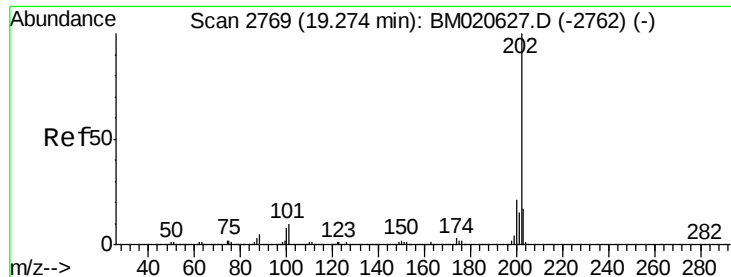


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 39.684 ng

RT: 19.26 min Scan# 2767

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:202 Resp: 3844335

Ion Ratio Lower Upper

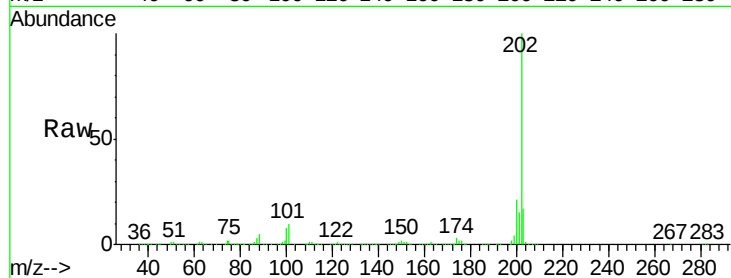
202 100

101 9.7 0.0 30.5

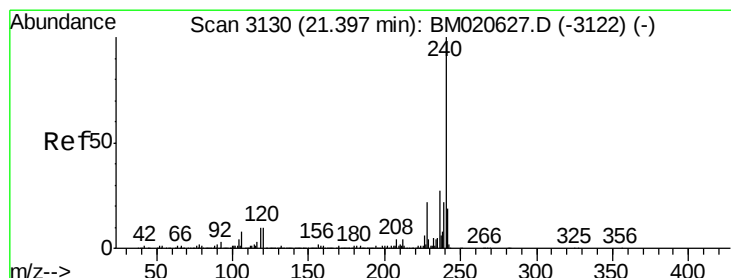
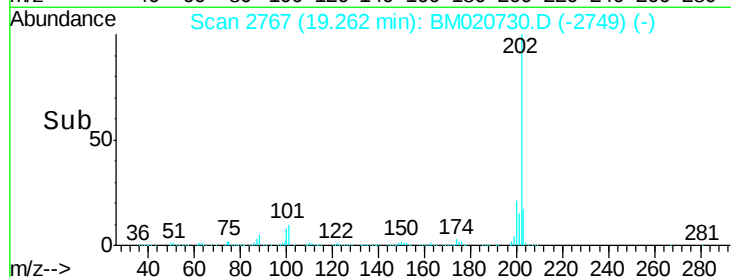
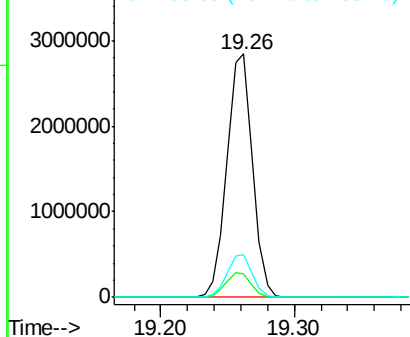
203 17.4 0.0 37.5

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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. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

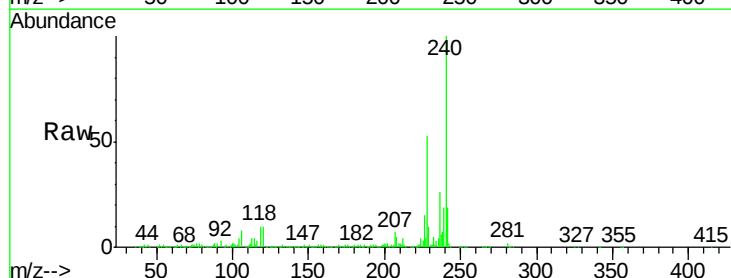
Tgt Ion:240 Resp: 1147568

Ion Ratio Lower Upper

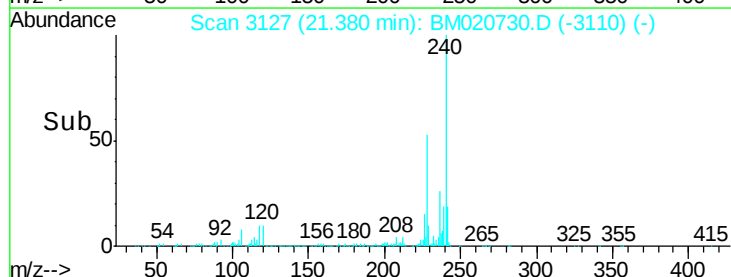
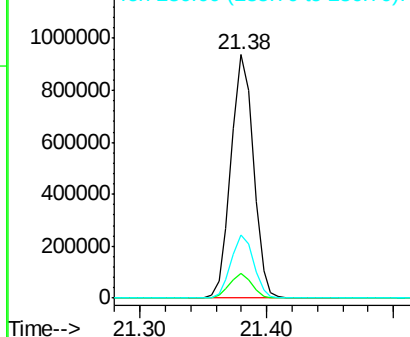
240 100

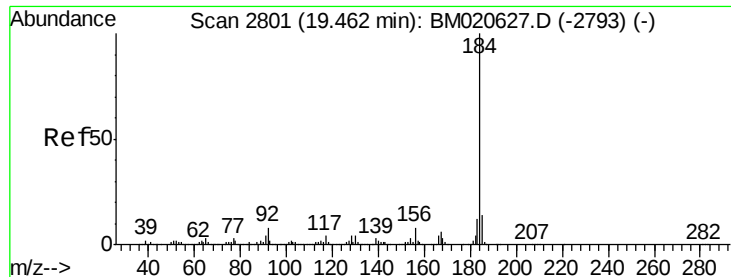
120 10.3 8.4 12.6

236 26.1 21.1 31.7



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: 48.076 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:184 Resp: 1671724

Ion Ratio Lower Upper

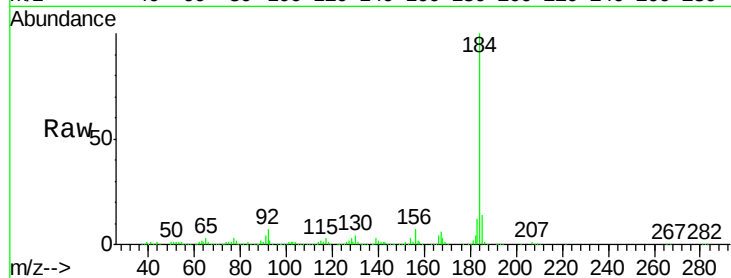
184 100

185 14.4 11.3 16.9

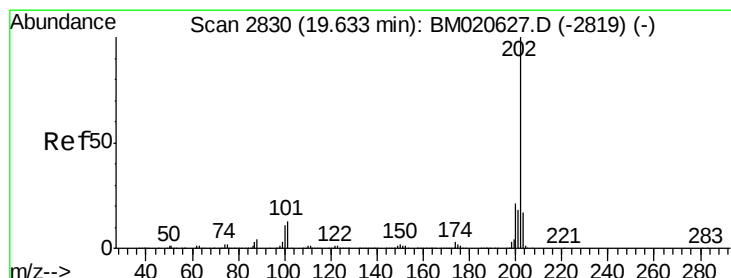
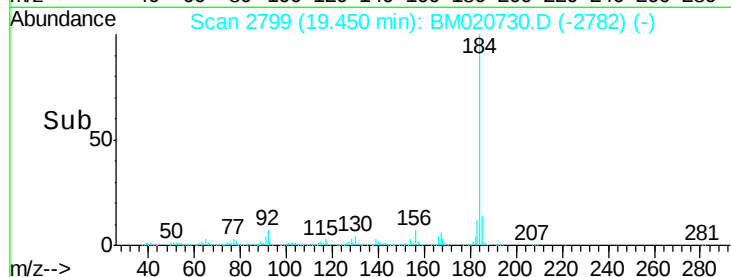
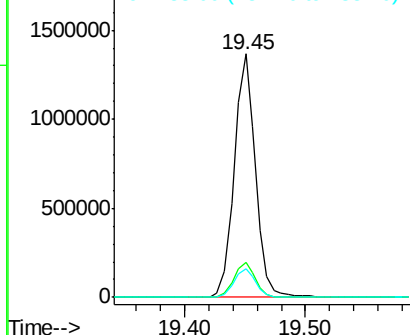
183 11.8 9.8 14.8

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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: 43.504 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

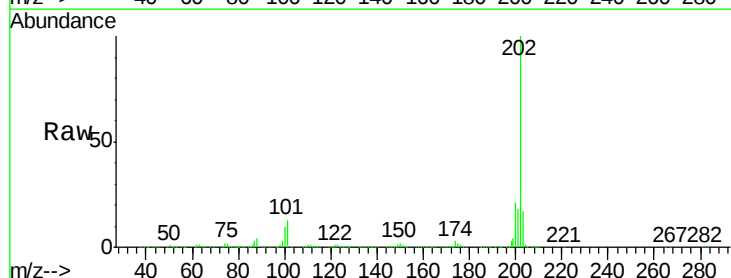
Tgt Ion:202 Resp: 3831110

Ion Ratio Lower Upper

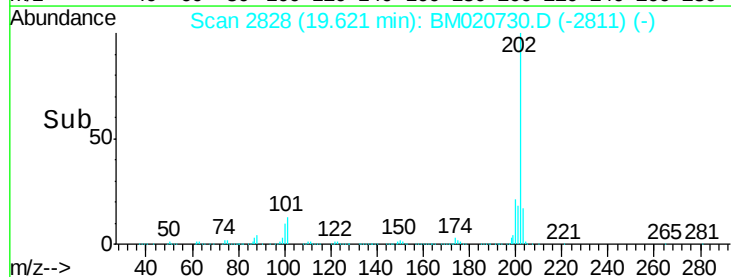
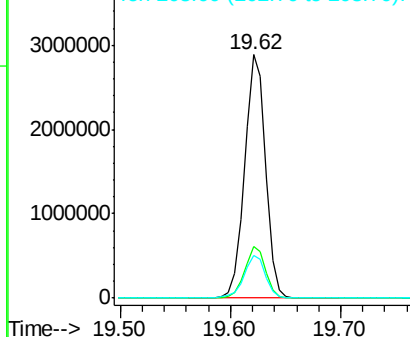
202 100

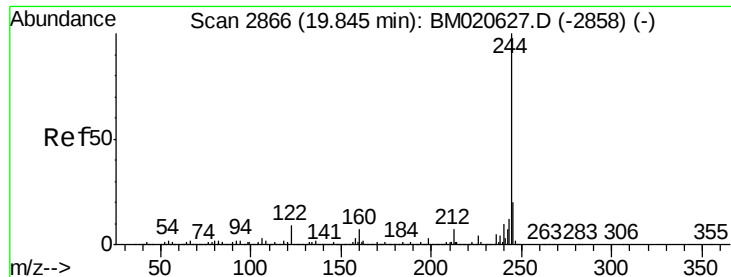
200 21.3 16.4 24.6

203 17.4 14.1 21.1



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





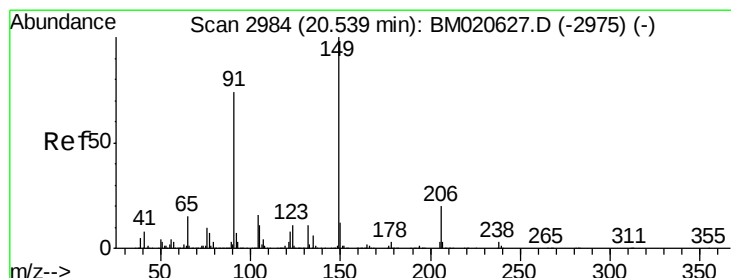
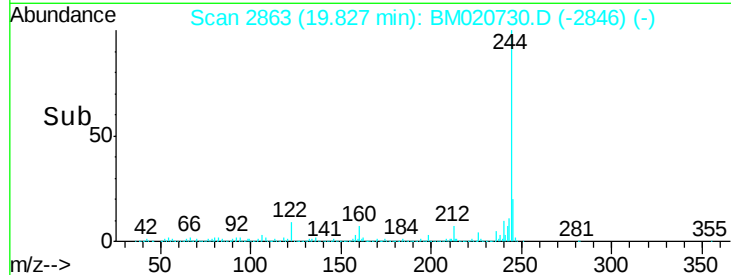
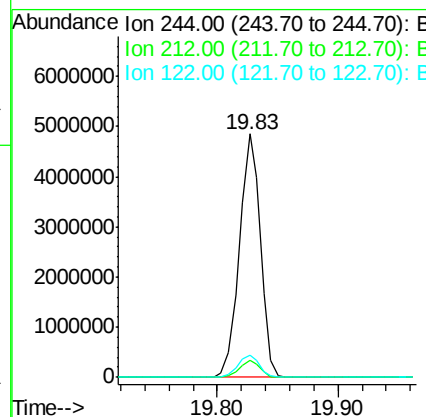
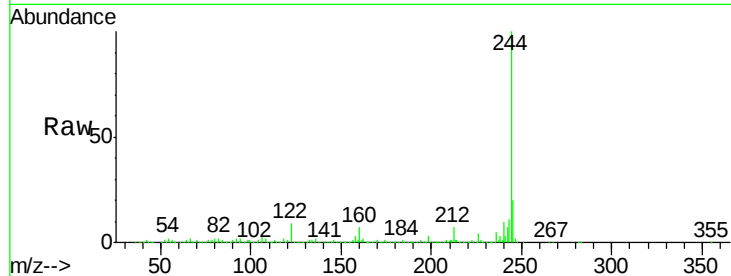
#79
 Terphenyl-d14
 Concen: 85.648 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion:244 Resp: 5876092
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.3 7.4 11.0

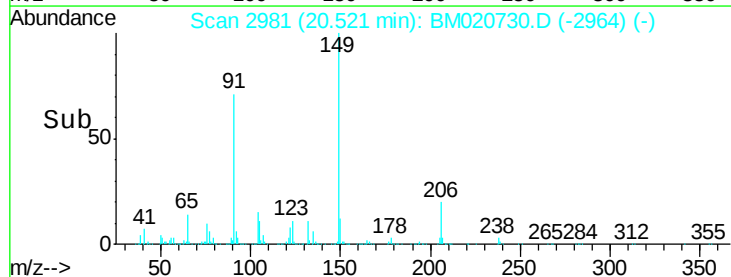
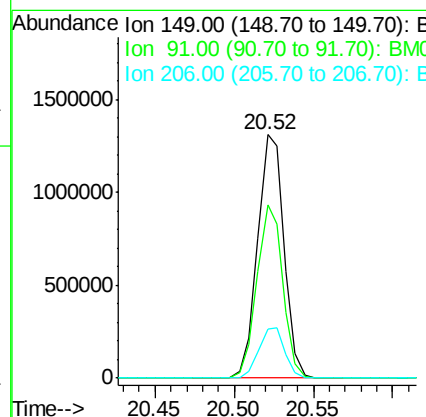
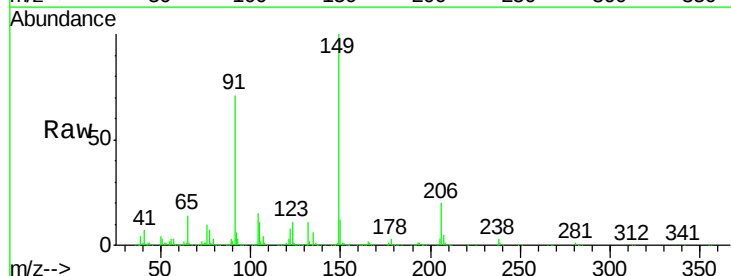
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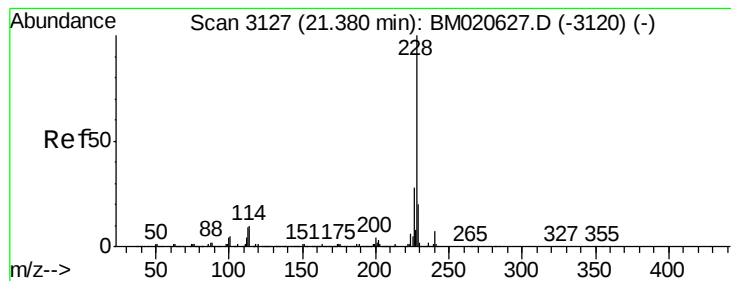
mohammad
 6/6/2019 11:21:30 AM



#80
 Butylbenzylphthalate
 Concen: 40.847 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion:149 Resp: 1520143
 Ion Ratio Lower Upper
 149 100
 91 71.0 57.1 85.7
 206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 41.414 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:228 Resp: 3309615

Ion Ratio Lower Upper

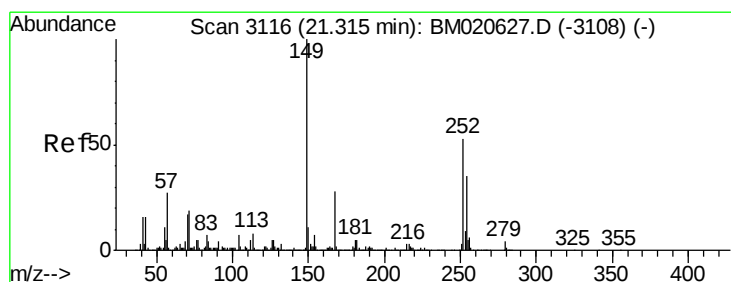
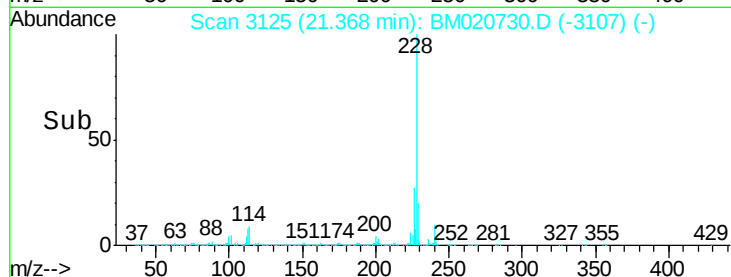
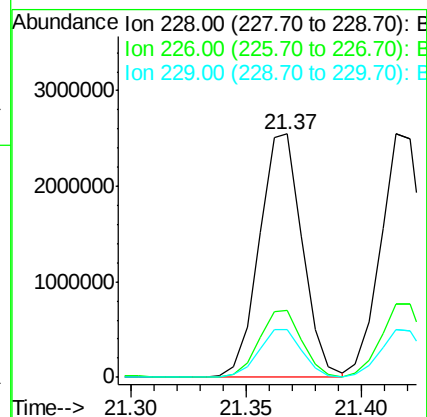
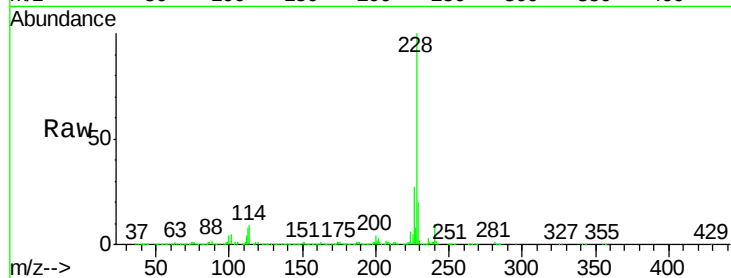
228 100

226 27.4 21.7 32.5

229 19.5 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 31.838 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

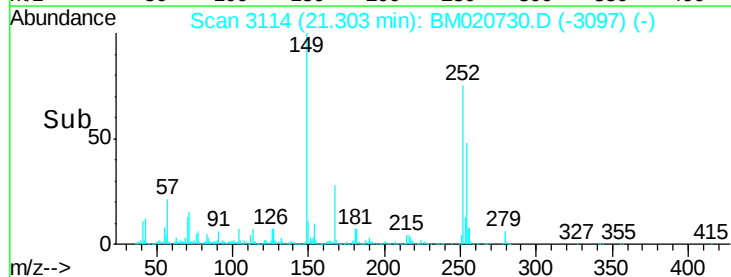
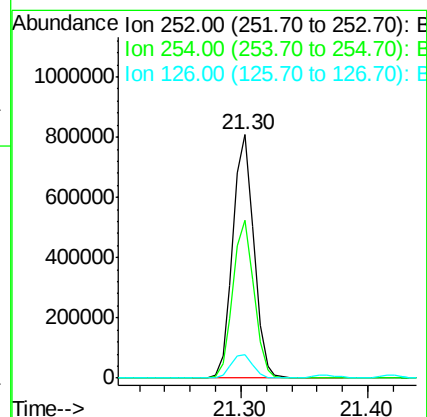
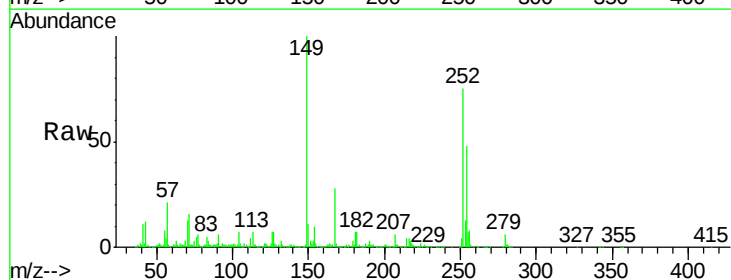
Tgt Ion:252 Resp: 931718

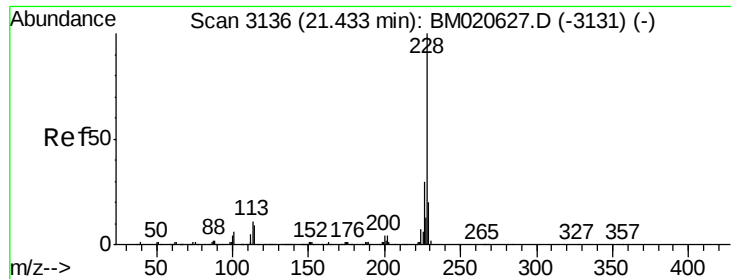
Ion Ratio Lower Upper

252 100

254 64.8 51.7 77.5

126 9.5 7.8 11.8





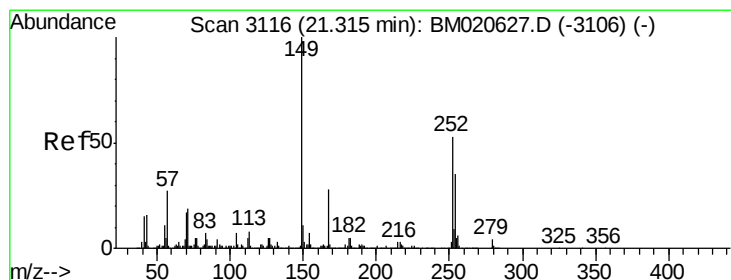
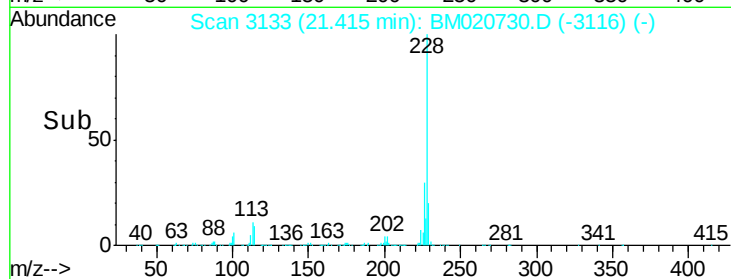
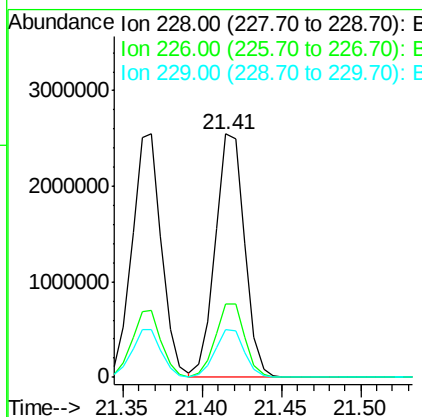
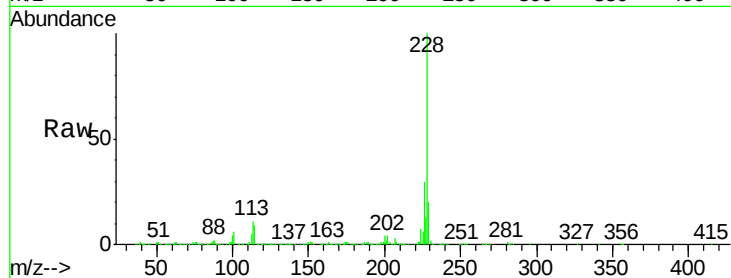
#83
 Chrvsene
 Concen: 42.939 ng
 RT: 21.41 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.9	15.9	23.9

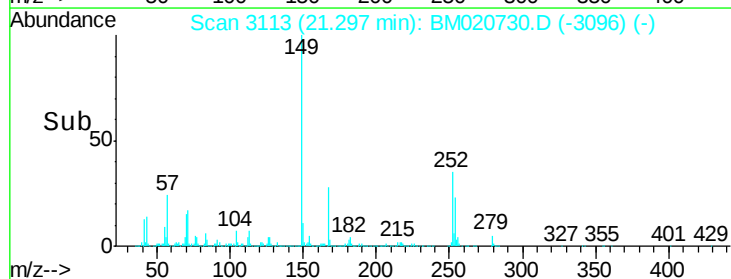
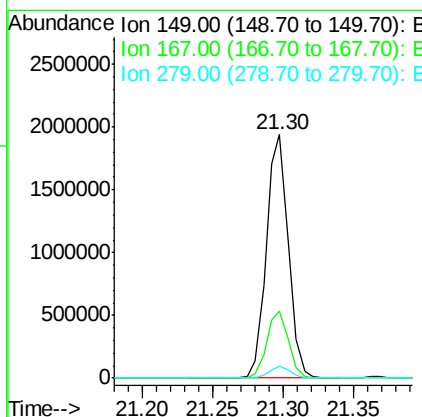
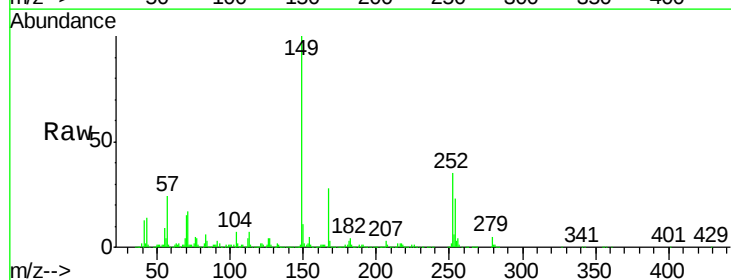
Manual Integrations
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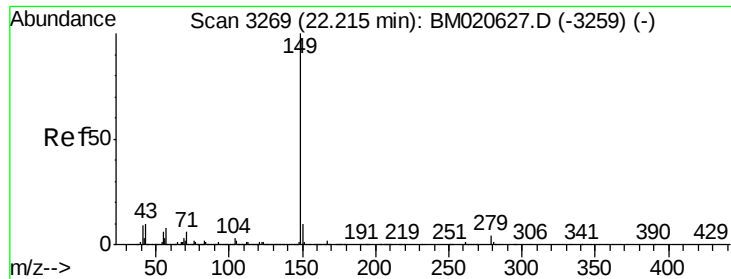
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.186 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM020730.D
 Acq: 05 Jun 2019 11:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	4.9	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 38.979 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:149 Resp: 3347222

Ion Ratio Lower Upper

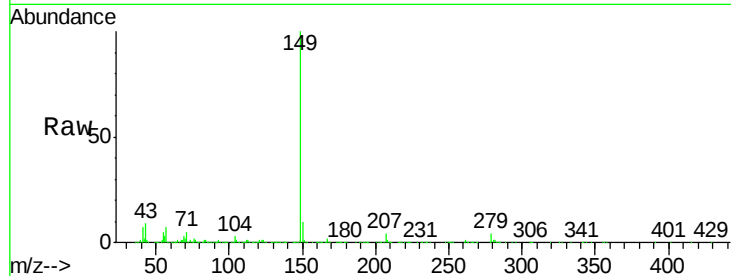
149 100

167 1.6 1.3 1.9

43 8.8 7.4 11.2

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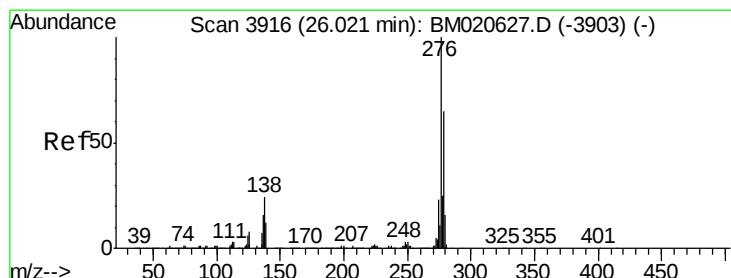
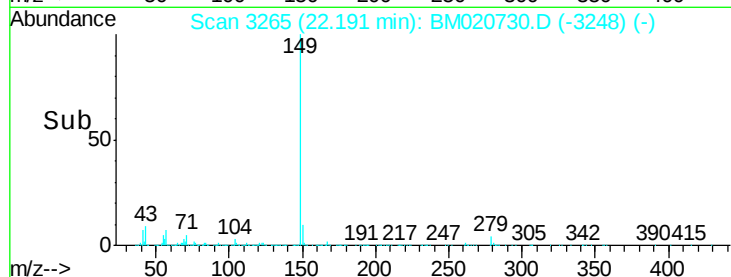
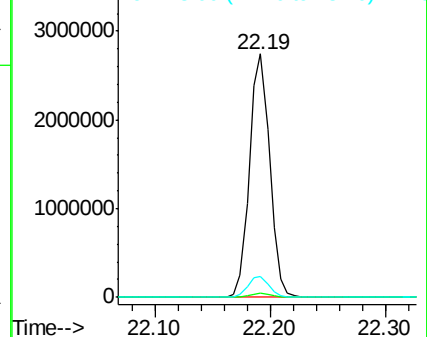
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.160 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

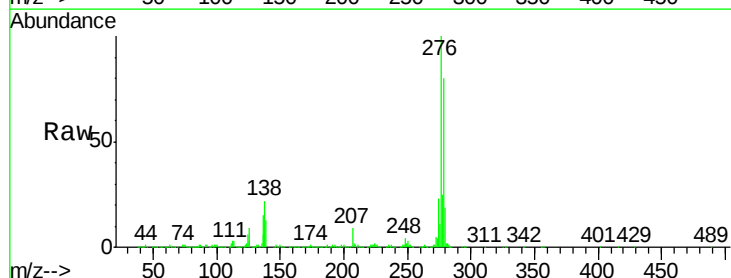
Tgt Ion:276 Resp: 4209084

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

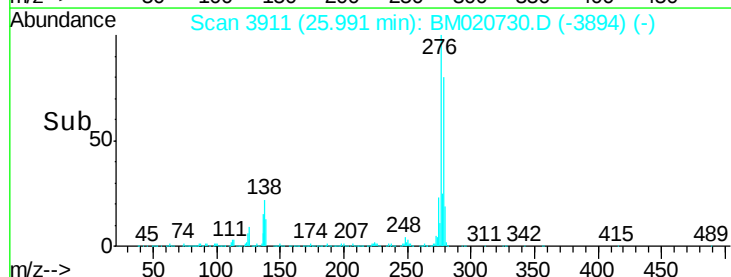
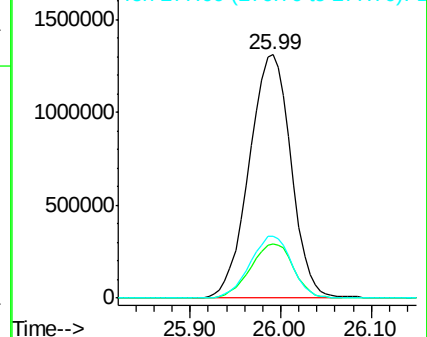
277 25.5 20.5 30.7

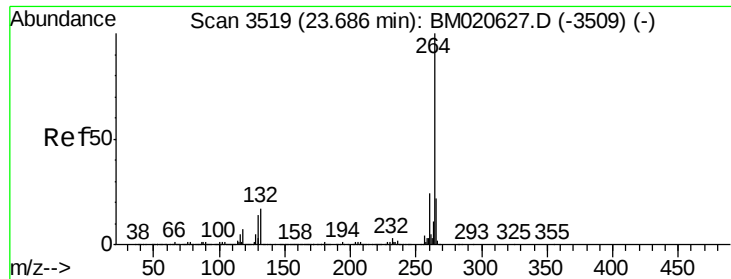


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:264 Resp: 1239473

Ion Ratio Lower Upper

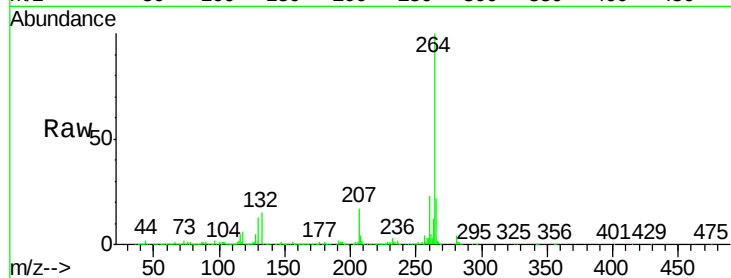
264 100

260 23.2 19.1 28.7

265 21.5 17.4 26.0

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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

23.67

800000

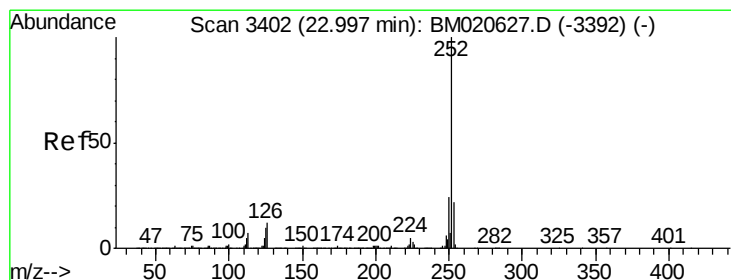
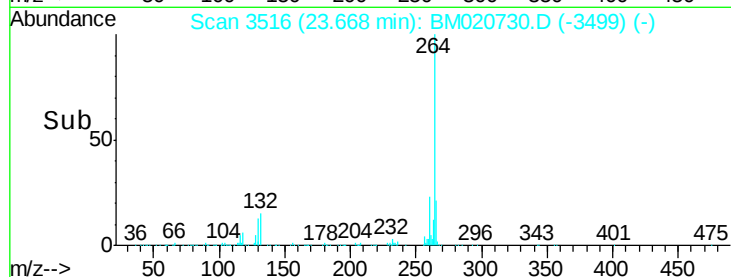
600000

400000

200000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 42.552 ng

RT: 22.98 min Scan# 3399

Delta R.T. 0.01 min

Lab File: BM020730.D

Acq: 05 Jun 2019 11:17

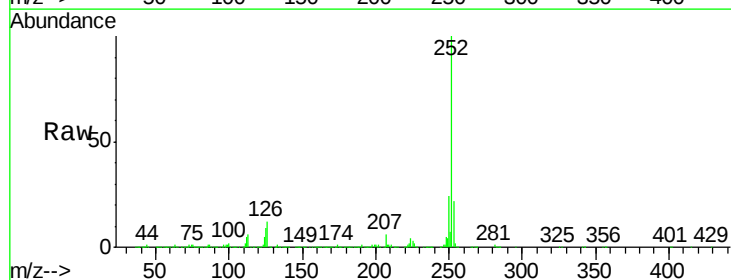
Tgt Ion:252 Resp: 3485938

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.1 7.6 11.4



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

22.98

2500000

2000000

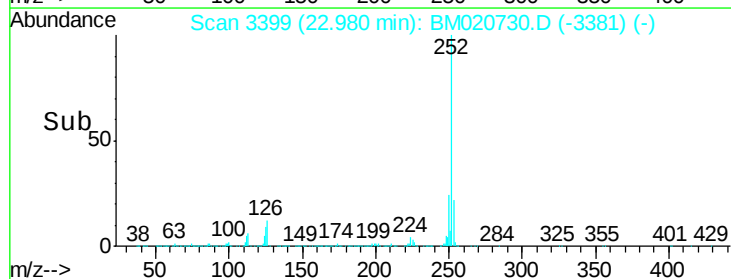
1500000

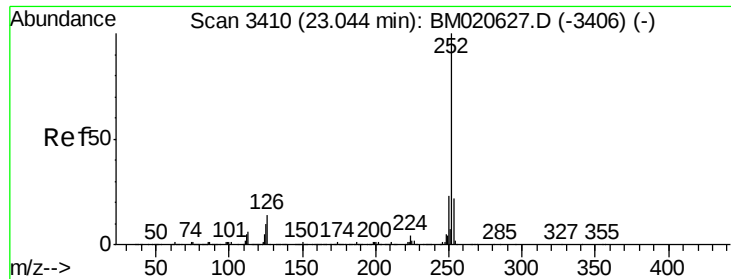
1000000

500000

0

Time-->





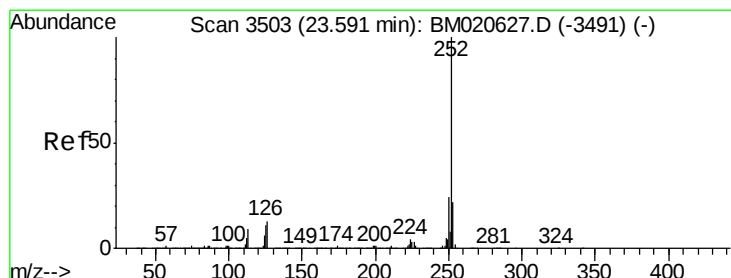
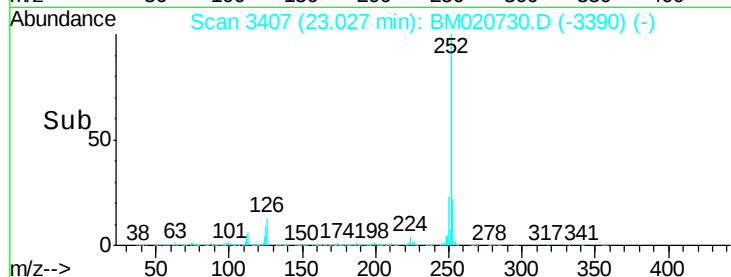
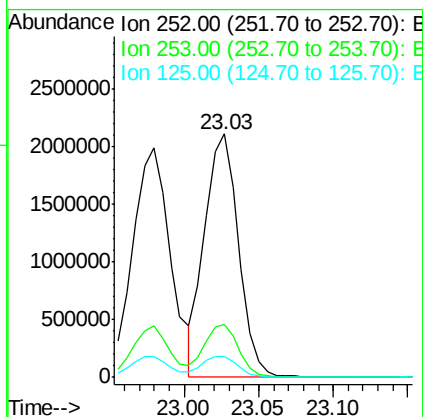
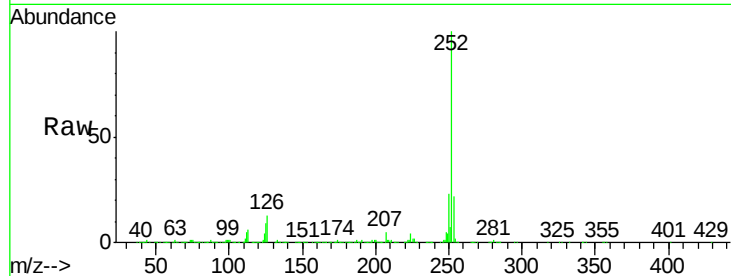
#89
Benzo(k)fluoranthene
Concen: 41.372 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:252 Resp: 3312182
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.8 7.2 10.8

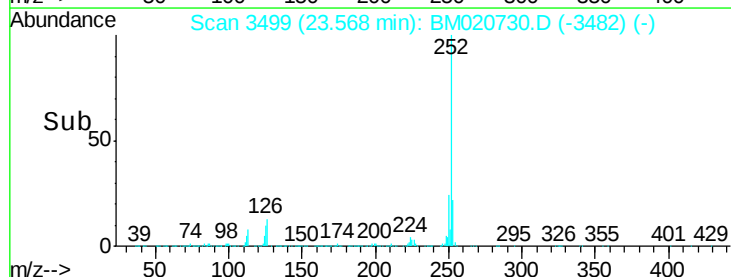
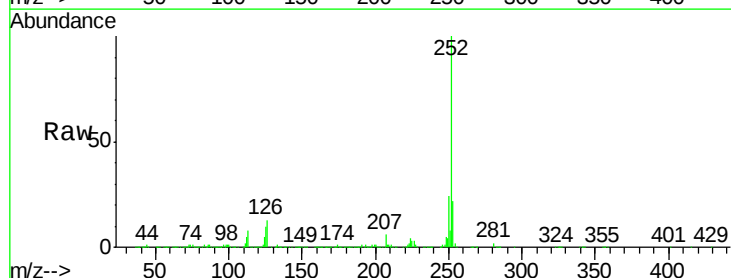
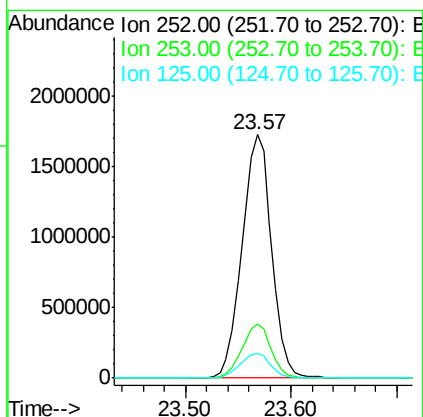
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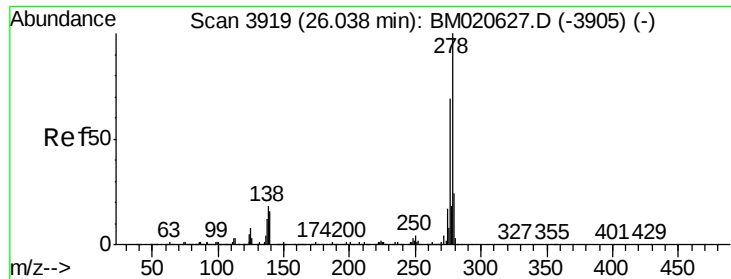
mohammad
6/6/2019 11:21:30 AM



#90
Benzo(a)pyrene
Concen: 45.056 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:252 Resp: 3347970
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.3 8.2 12.2





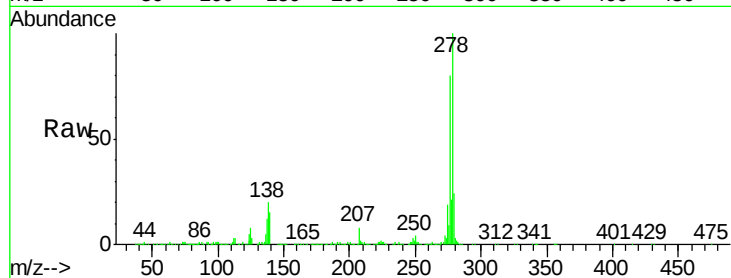
#91
Dibenzo(a,h)anthracene
Concen: 49.342 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Instrument :
BNA_M
ClientSampleId :
PB120172BS

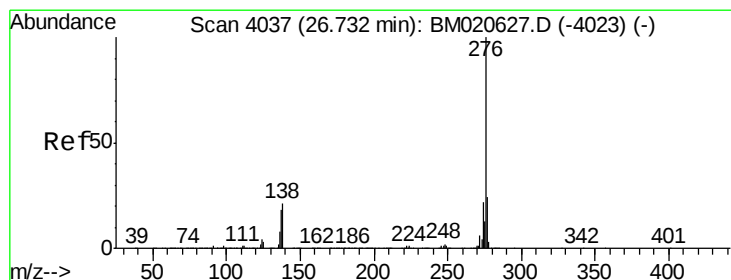
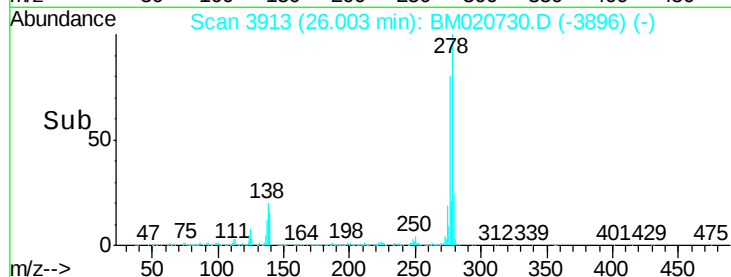
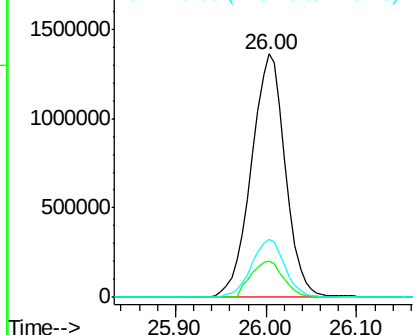
Tot Ion:278 Resp: 3557078
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.6 18.3 27.5

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:30 AM

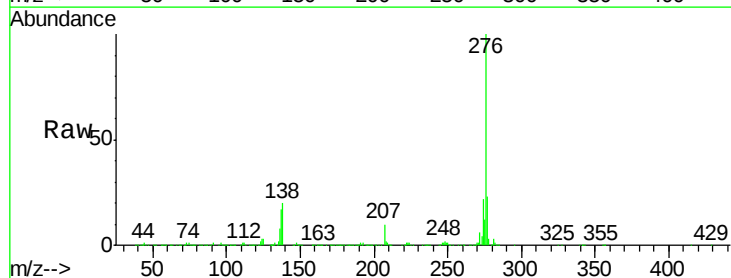


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.387 ng
RT: 26.70 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BM020730.D
Acq: 05 Jun 2019 11:17

Tgt Ion:276 Resp: 3440919
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 19.9 16.2 24.4



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

