

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020699.D
 Acq On : 04 Jun 2019 10:42
 Operator : HP/JU
 Sample : K3139-07MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Manual Integrations
 APPROVED

mohammad
 6/5/2019 8:46:23 AM

Quant Time: Jun 04 13:11:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	344281	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1451552	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	861019	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1926430	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1446411	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1458551	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2931195	149.77	ng	0.00
7) Phenol-d6	7.00	99	4244313	147.28	ng	0.00
23) Nitrobenzene-d5	8.99	82	2603609	92.93	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1852947	173.69	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	6122960	94.54	ng	0.00
79) Terphenyl-d14	19.83	244	8590523	99.34	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	273580	34.142	ng	99
3) Pyridine	3.74	79	841996	33.026	ng	97
4) n-Nitrosodimethylamine	3.66	42	426918	38.845	ng	96
6) Aniline	7.16	93	1215499	29.149	ng	98
8) 2-Chlorophenol	7.39	128	1148393	47.165	ng	99
9) Benzaldehyde	6.97	77	381215	19.270	ng	99
10) Phenol	7.02	94	1471043	47.366	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	1036052	41.860	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1127862	40.305	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1154409	40.580	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1123359	40.577	ng	99
15) Benzyl Alcohol	8.07	79	1089752	42.744	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1434342	37.536	ng	98
17) 2-Methylphenol	8.26	107	989144	45.293	ng	98
18) Hexachloroethane	8.90	117	424403	38.966	ng	97
19) n-Nitroso-di-n-propylamine	8.64	70	915185	39.506	ng	96
20) 3+4-Methylphenols	8.59	107	1355254	45.612	ng	97
22) Acetophenone	8.65	105	1666078	45.182	ng	# 97
24) Nitrobenzene	9.03	77	1310129	45.808	ng	98
25) Isophorone	9.55	82	2474997	44.412	ng	100
26) 2-Nitrophenol	9.73	139	600390	56.326	ng	99
27) 2,4-Dimethylphenol	9.79	122	1065162	53.328	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1492420	44.291	ng	100
29) 2,4-Dichlorophenol	10.26	162	1137633	51.480	ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	1157544	45.555	ng	97
31) Naphthalene	10.67	128	3462034	46.381	ng	99
32) Benzoic acid	9.89	122	243266m	22.415	ng	
33) 4-Chloroaniline	10.78	127	640891	18.449	ng	97
34) Hexachlorobutadiene	10.95	225	665674	43.661	ng	99
35) Caprolactam	11.59	113	375544m	48.918	ng	
36) 4-Chloro-3-methylphenol	11.90	107	1270785	49.460	ng	99
37) 2-Methylnaphthalene	12.28	142	2621188	47.376	ng	99
38) 1-Methylnaphthalene	12.50	142	2496038	47.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1357425	48.108	ng	100

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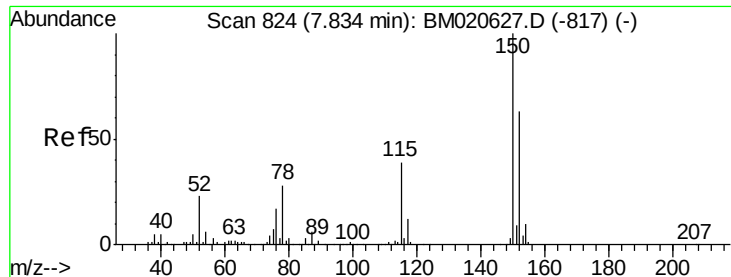
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1364602	80.863	nq	100
43) 2,4,6-Trichlorophenol	12.89	196	928003	51.095	nq	98
44) 2,4,5-Trichlorophenol	12.96	196	999245	53.291	nq	97
46) 1,1'-Biphenyl	13.30	154	3386415	47.093	nq	99
47) 2-Chloronaphthalene	13.34	162	2638336	45.459	nq	99
48) 2-Nitroaniline	13.55	65	833495	45.757	nq	95
49) Acenaphthylene	14.19	152	4244673	46.873	nq	100
50) Dimethylphthalate	13.93	163	3826774	52.022	nq	99
51) 2,6-Dinitrotoluene	14.05	165	733991	49.140	nq	95
52) Acenaphthene	14.53	154	2485633	46.060	nq	99
53) 3-Nitroaniline	14.37	138	494275	29.647	nq	95
54) 2,4-Dinitrophenol	14.58	184	374012	60.182	nq	91
55) Dibenzofuran	14.86	168	3963036	47.283	nq	98
56) 4-Nitrophenol	14.69	139	1253167	102.003	nq	92
57) 2,4-Dinitrotoluene	14.83	165	1027860	51.394	nq	94
58) Fluorene	15.51	166	3241486	47.028	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	894947	54.774	nq	97
60) Diethylphthalate	15.29	149	3469326	45.729	nq	99
61) 4-Chlorophenyl-phenylether	15.51	204	1708933	46.827	nq	95
62) 4-Nitroaniline	15.54	138	776716	43.928	nq	95
63) Azobenzene	15.80	77	3243415	44.592	nq	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	377940	44.013	nq	96
66) n-Nitrosodiphenylamine	15.73	169	2883002	46.749	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	1042444	45.960	nq	93
68) Hexachlorobenzene	16.50	284	1190326	44.942	nq	98
69) Atrazine	16.68	200	995225	54.072	nq	99
70) Pentachlorophenol	16.85	266	1365626	108.080	nq	99
71) Phenanthrene	17.25	178	4989890	45.696	nq	100
72) Anthracene	17.34	178	5117193	46.821	nq	100
73) Carbazole	17.61	167	4506259	45.436	nq	100
74) Di-n-butylphthalate	18.17	149	5957372	46.272	nq	99
75) Fluoranthene	19.26	202	5424161	44.667	nq	99
77) Benzidine	19.45	184	2486248	56.728	nq	100
78) Pyrene	19.63	202	5363350	48.320	nq	100
80) Butylbenzylphthalate	20.53	149	2439383	52.005	nq	96
81) Benzo(a)anthracene	21.37	228	4503291	44.708	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	1156944	31.366	nq	99
83) Chrysene	21.42	228	4364102	45.580	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	3510796	51.498	nq	100
85) Di-n-octyl phthalate	22.20	149	5500259	50.818	nq	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	5044513	51.499	nq	99
88) Benzo(b)fluoranthene	22.99	252	4498822	46.667	nq	99
89) Benzo(k)fluoranthene	23.03	252	4255473	45.171	nq	99
90) Benzo(a)pyrene	23.57	252	4190758	47.927	nq	100
91) Dibenzo(a,h)anthracene	26.01	278	4257445	50.186	nq	99
92) Benzo(g,h,i)perylene	26.71	276	4083609	51.825	nq	98

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



#1

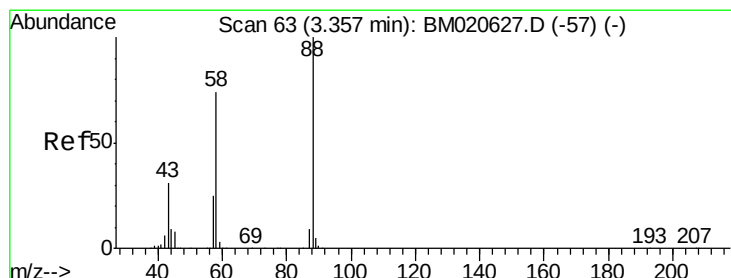
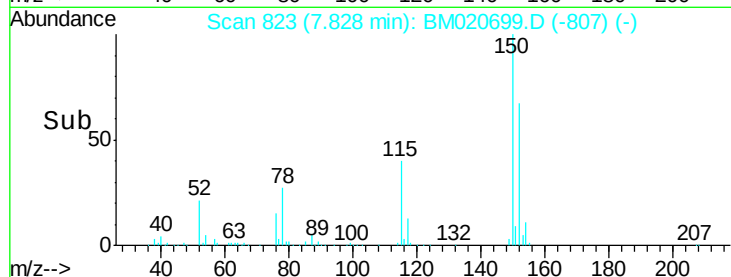
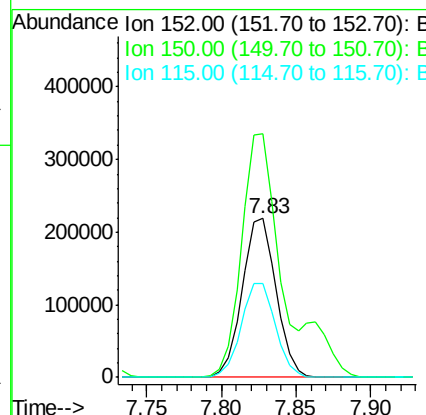
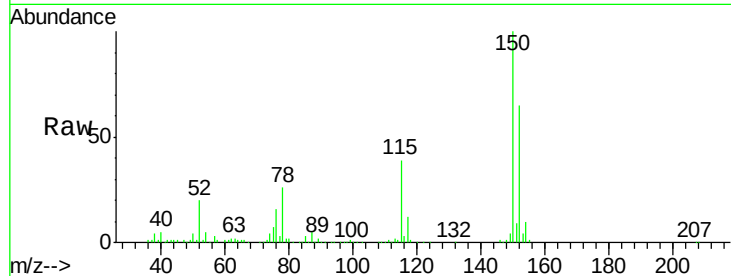
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.0	189.0
115	59.3	49.6	74.4

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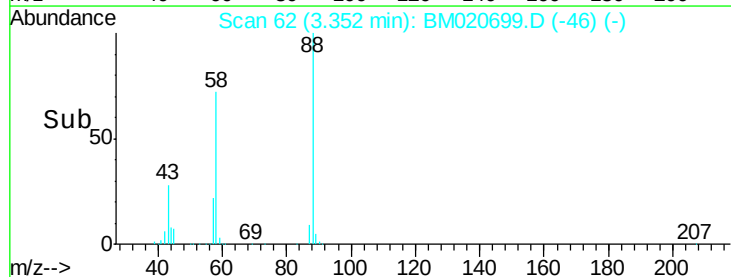
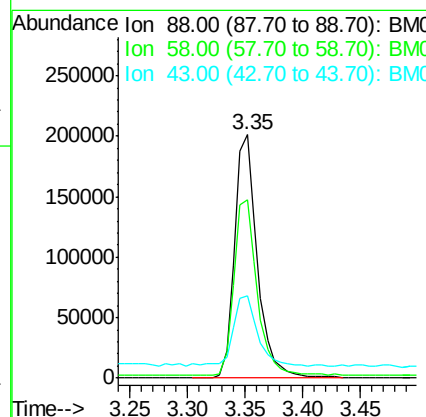
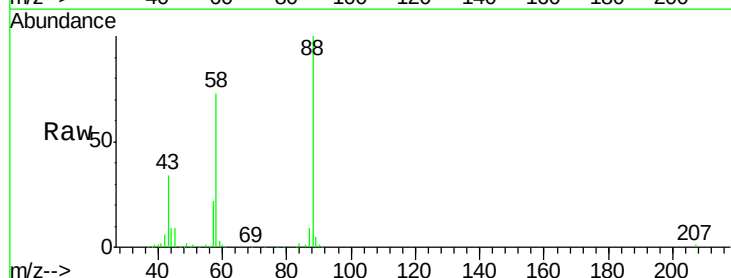
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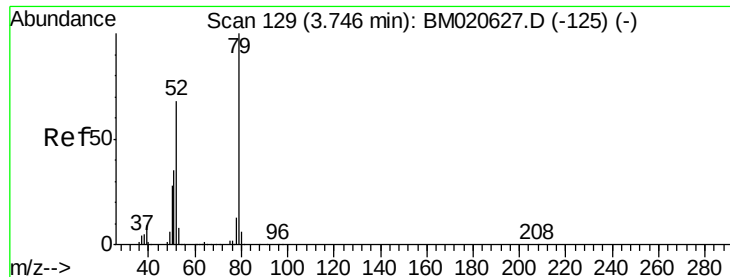


#2

1,4-Dioxane
Concen: 34.142 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	60.2	90.4
43	31.2	25.3	37.9





#3

Pvridine

Concen: 33.026 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

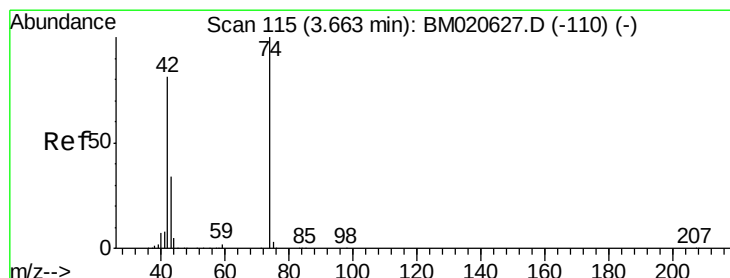
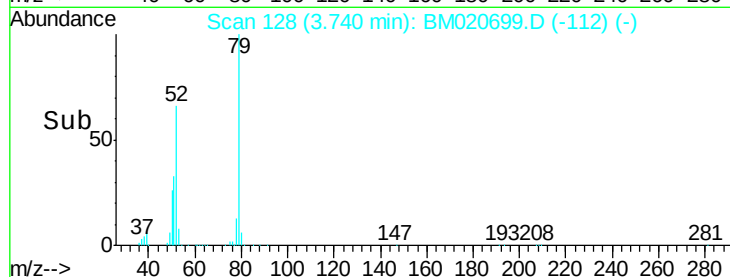
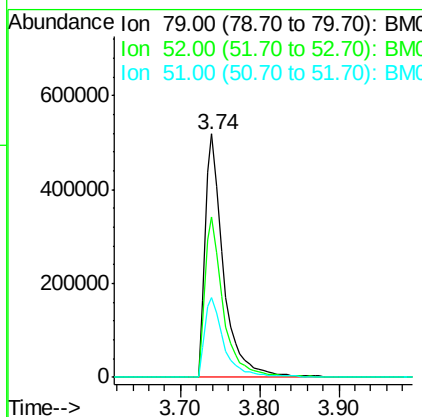
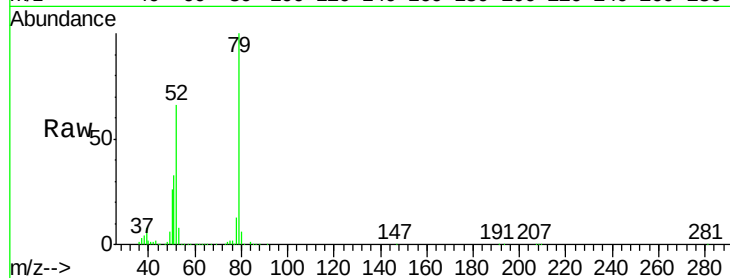
ClientSampleId :

TP-1A-DMSD

Tot Ion:	79	Resp:	841996
Ion	Ratio	Lower	Upper
79	100		
52	65.7	54.1	81.1
51	32.8	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 38.845 ng

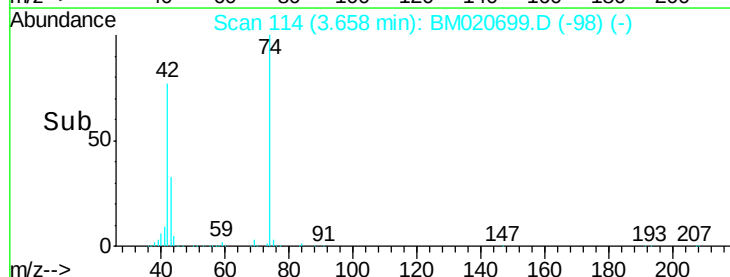
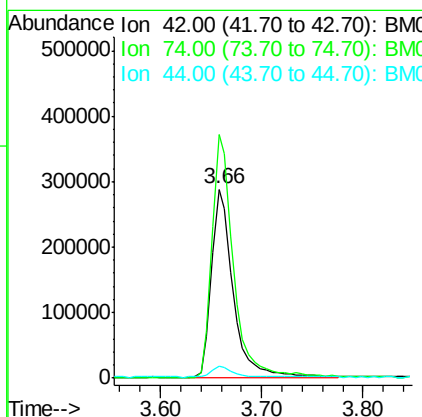
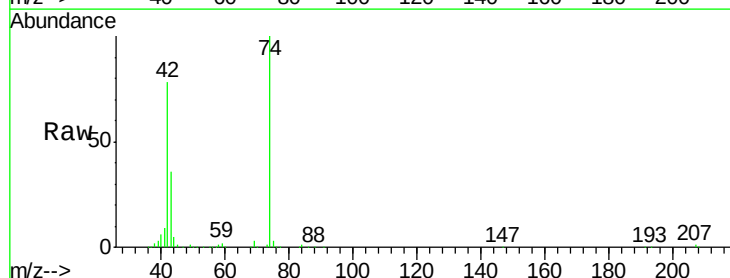
RT: 3.66 min Scan# 114

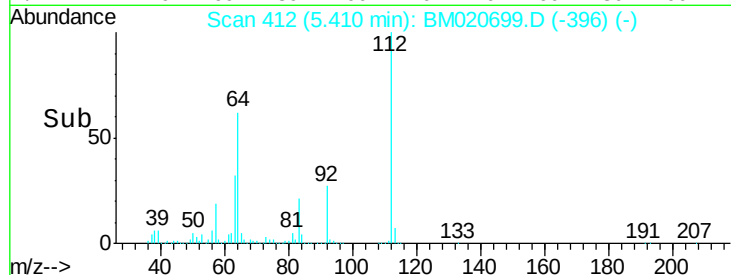
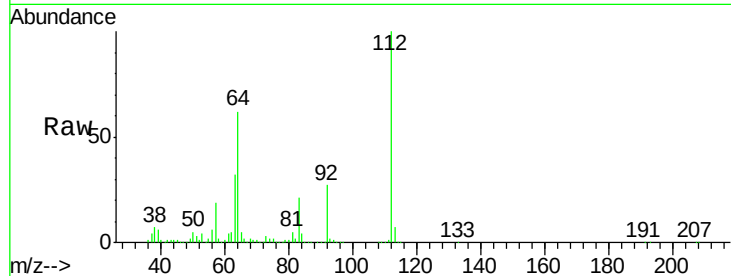
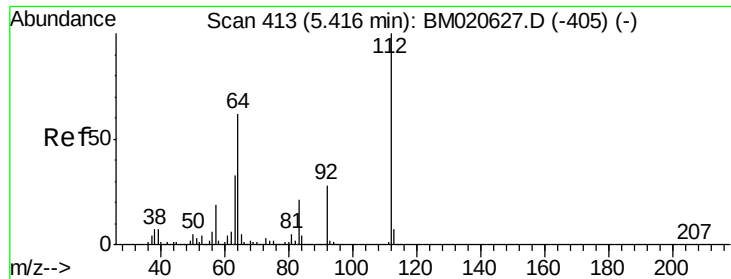
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:	42	Resp:	426918
Ion	Ratio	Lower	Upper
42	100		
74	128.9	99.4	149.0
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 149.766 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tot Ion:	112	Resp:	2931195
Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.7	74.5
63	32.3	26.4	39.6

Instrument :

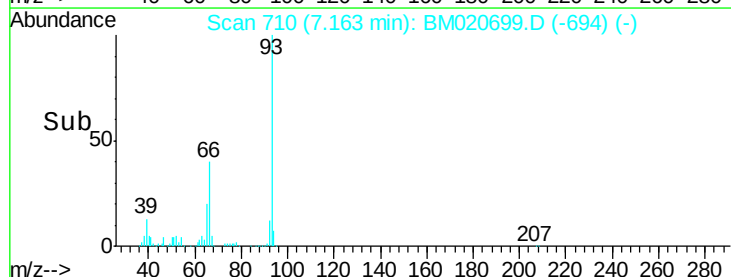
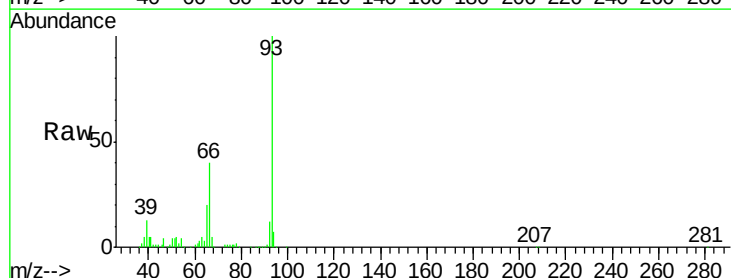
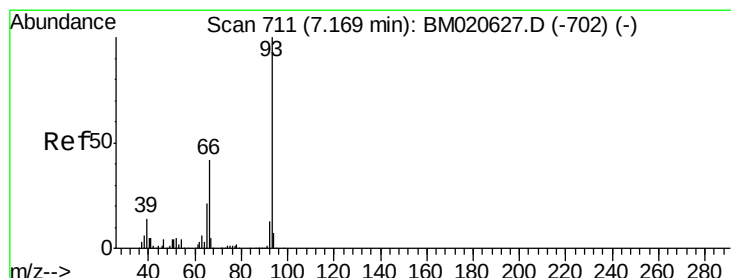
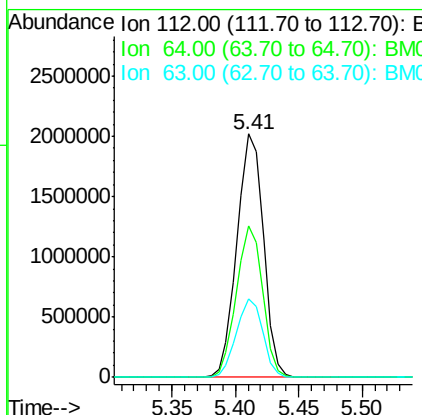
BNA_M

ClientSampleId :

TP-1A-DMSD

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#6

Aniline

Concen: 29.149 ng

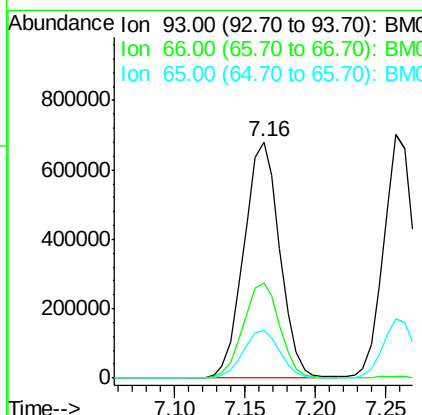
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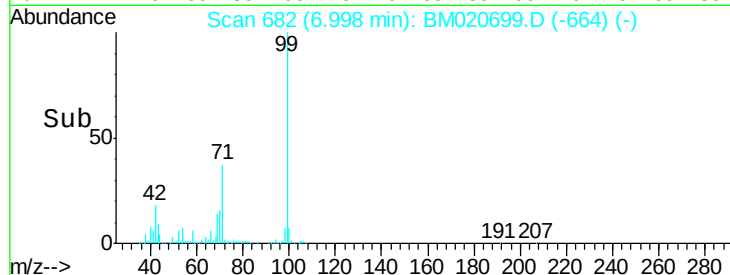
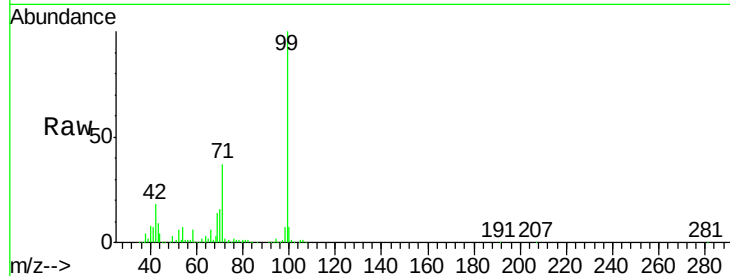
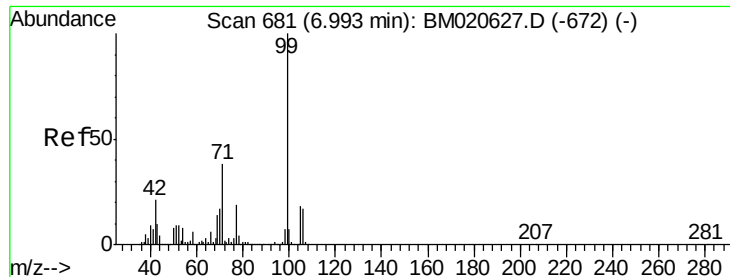
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:	93	Resp:	1215499
Ion	Ratio	Lower	Upper
93	100		
66	40.3	33.6	50.4
65	20.1	16.7	25.1





#7

Phenol-d6

Concen: 147.276 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tot Ion: 99 Resp: 4244313

Ion Ratio Lower Upper

99 100

42 18.4 16.5 24.7

71 37.1 30.7 46.1

Instrument :

BNA_M

ClientSampleId :

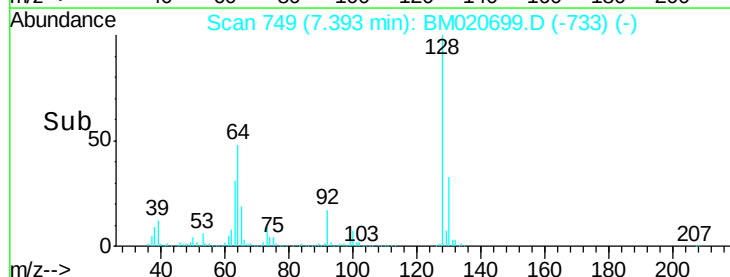
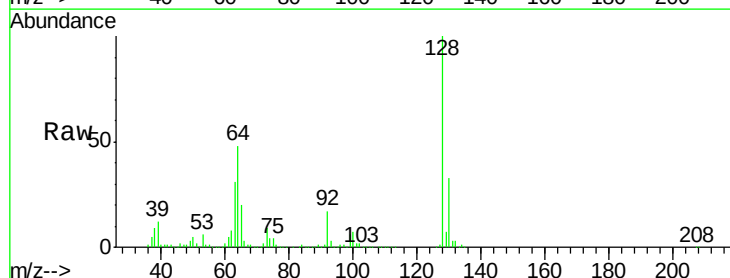
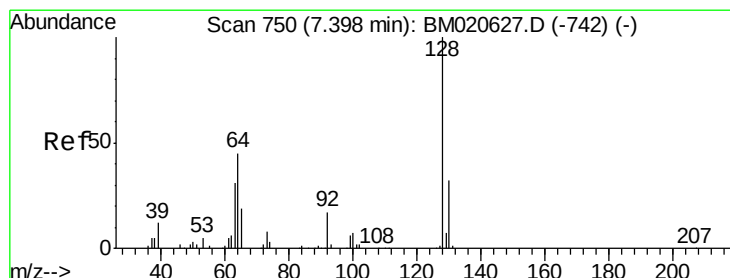
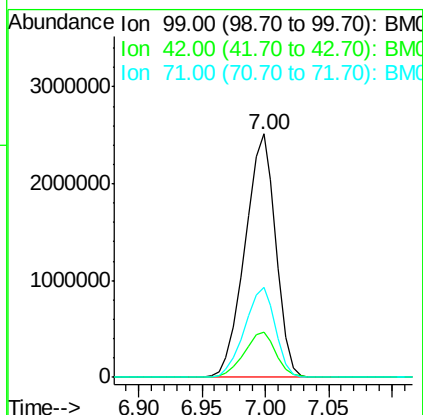
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#8

2-Chlorophenol

Concen: 47.165 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

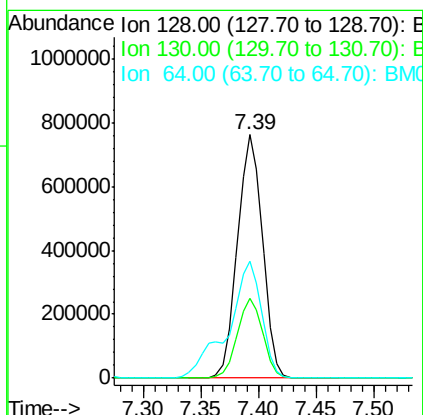
Tgt Ion:128 Resp: 1148393

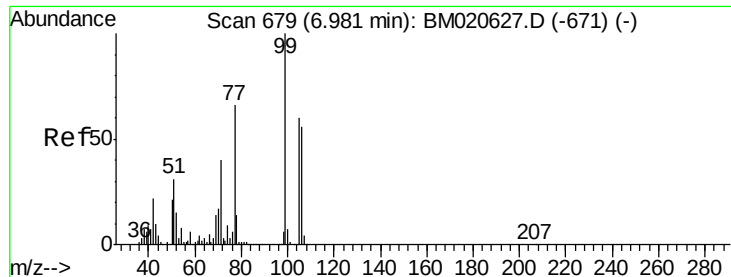
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 48.2 29.1 69.1





#9

Benzaldehyde

Concen: 19.270 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

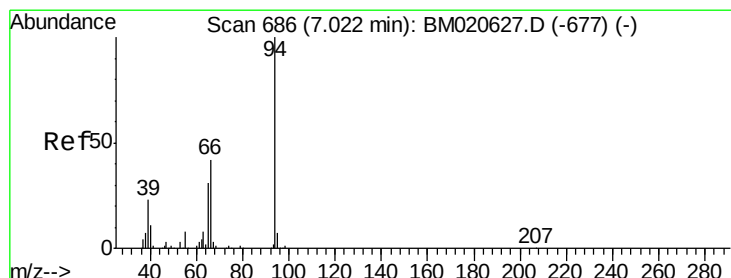
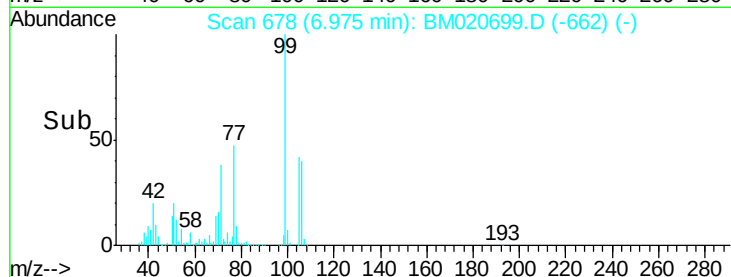
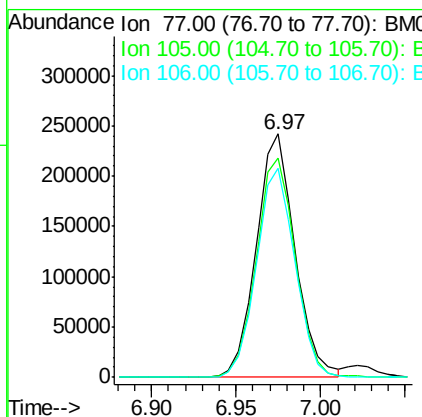
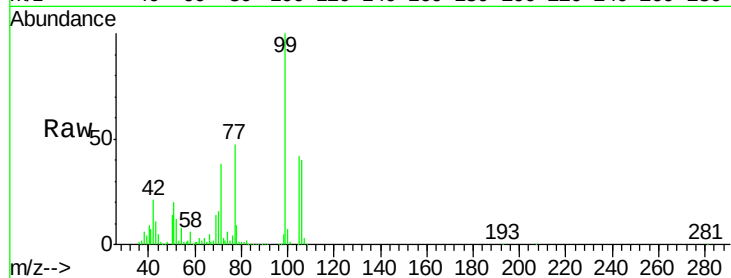
ClientSampleId :

TP-1A-DMSD

Tot Ion:	77	Resp:	381215
Ion	Ratio	Lower	Upper
77	100		
105	90.2	70.6	110.6
106	85.8	64.9	104.9

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#10

Phenol

Concen: 47.366 ng

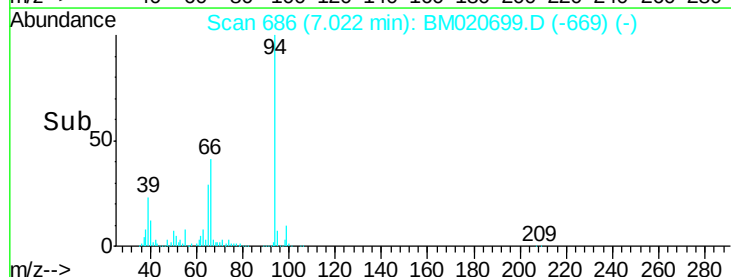
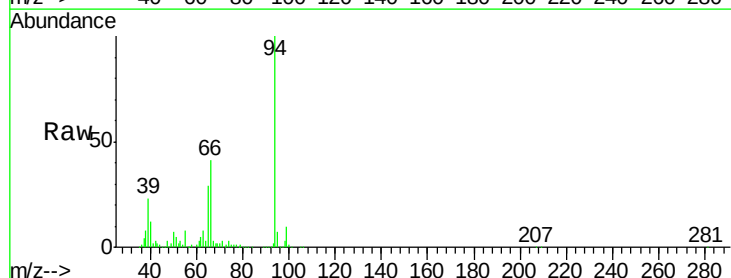
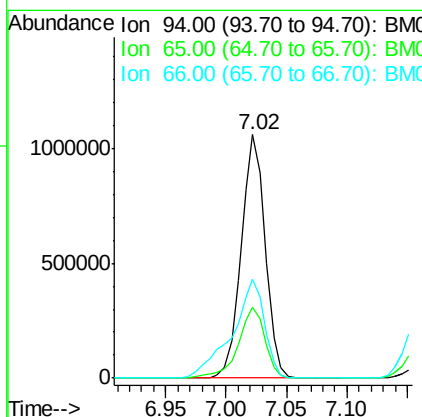
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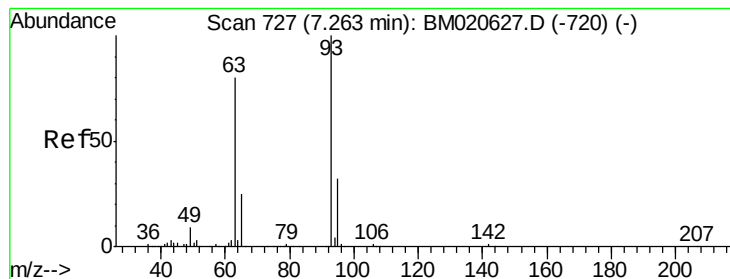
Delta R.T. 0.00 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:	94	Resp:	1471043
Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.7	50.7
66	40.8	22.3	62.3





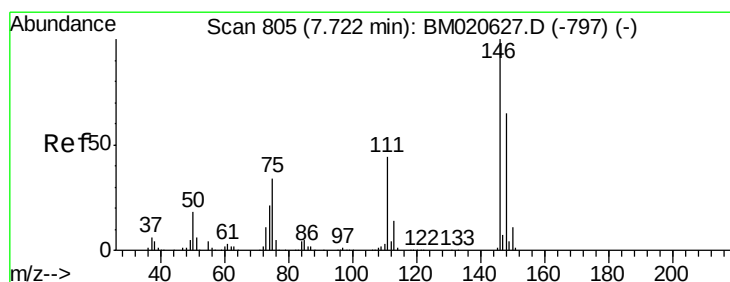
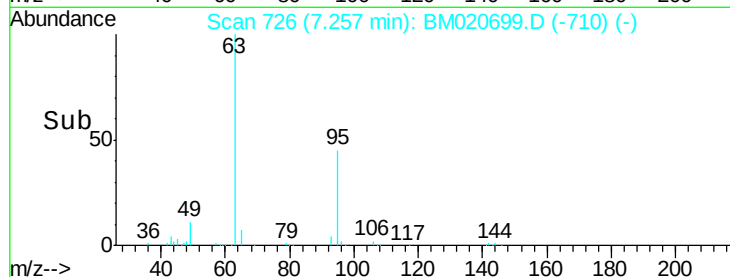
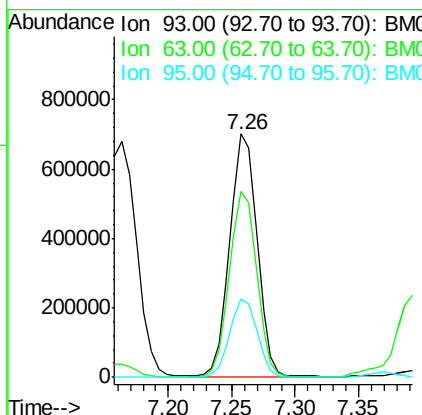
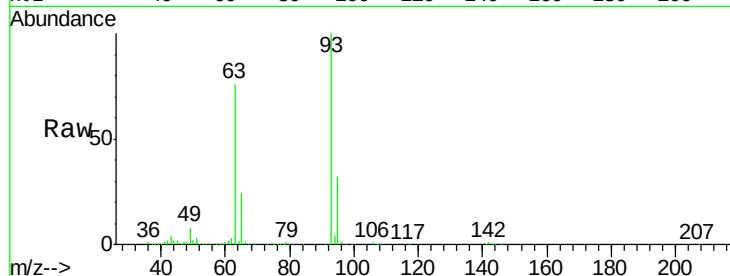
#11
bis(2-Chloroethyl)ether
Concen: 41.860 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion: 93 Resp: 1036052
Ion Ratio Lower Upper
93 100
63 76.3 60.0 100.0
95 32.2 12.2 52.2

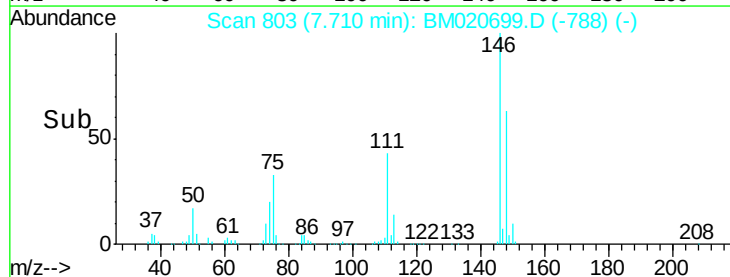
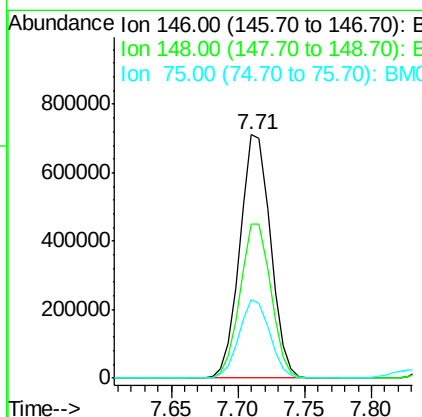
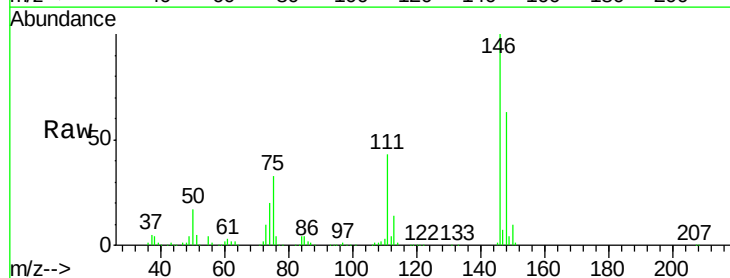
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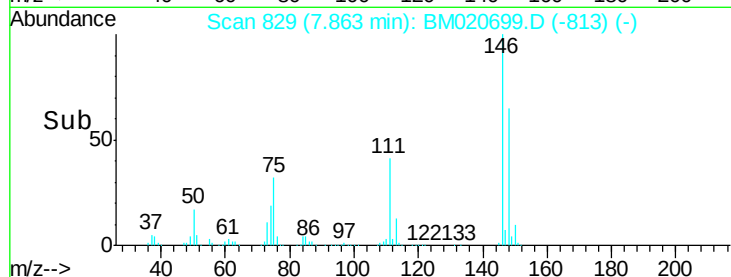
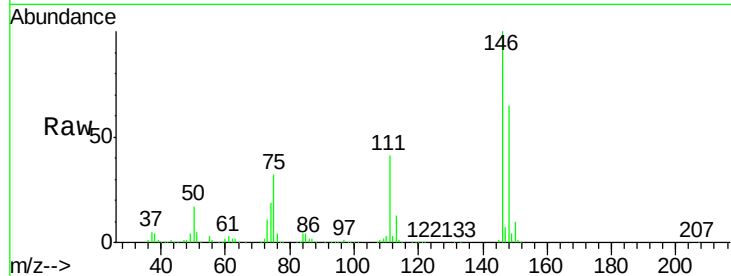
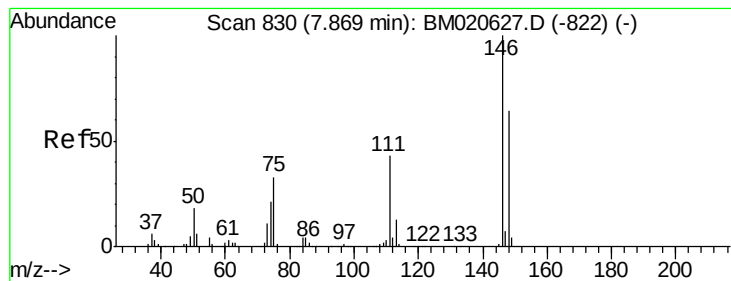
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.305 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion: 146 Resp: 1127862
Ion Ratio Lower Upper
146 100
148 63.4 52.0 78.0
75 32.5 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 40.580 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tot Ion:146 Resp: 1154409

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

111 41.3 34.4 51.6

Instrument :

BNA_M

ClientSampleId :

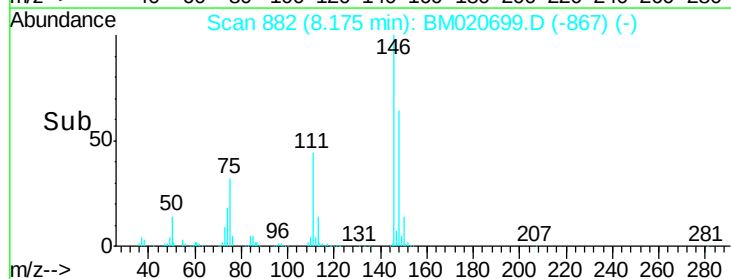
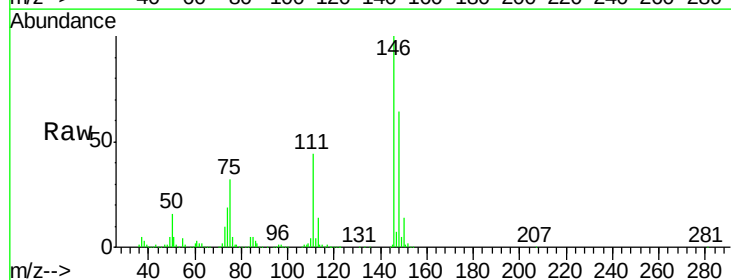
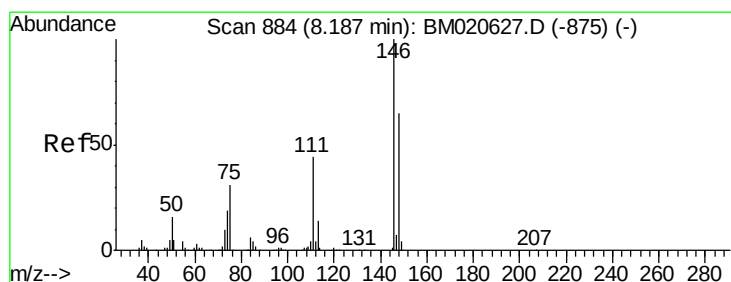
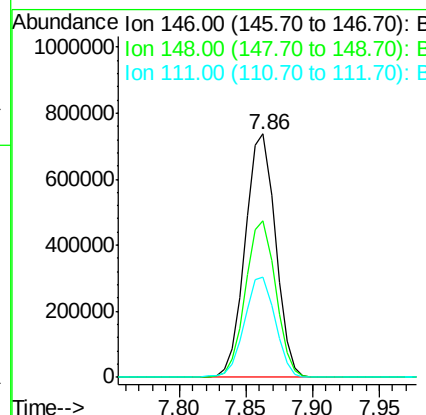
TP-1A-DMSD

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#14

1,2-Dichlorobenzene

Concen: 40.577 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

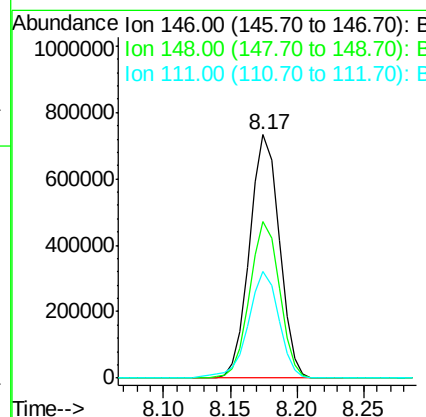
Tgt Ion:146 Resp: 1123359

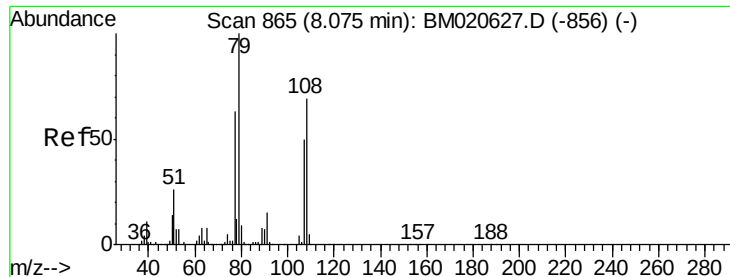
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

111 43.6 35.1 52.7





#15

Benzyl Alcohol

Concen: 42.744 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion: 79 Resp: 1089752

Ion Ratio Lower Upper

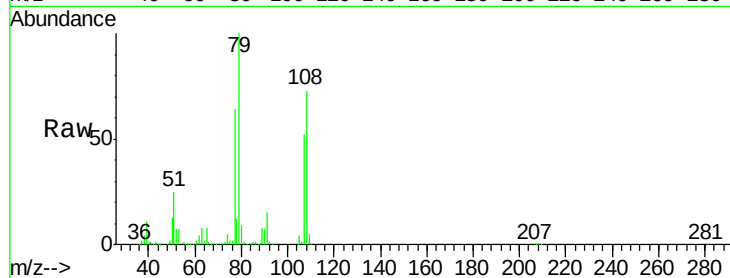
79 100

108 73.1 54.9 82.3

77 64.2 50.2 75.4

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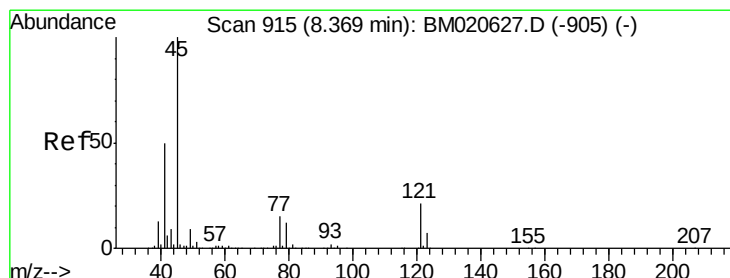
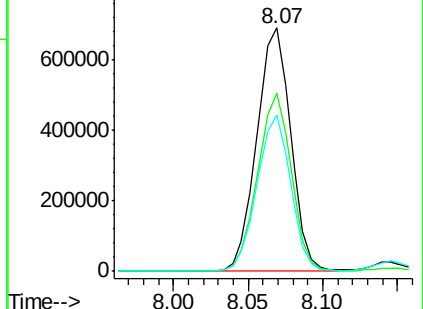
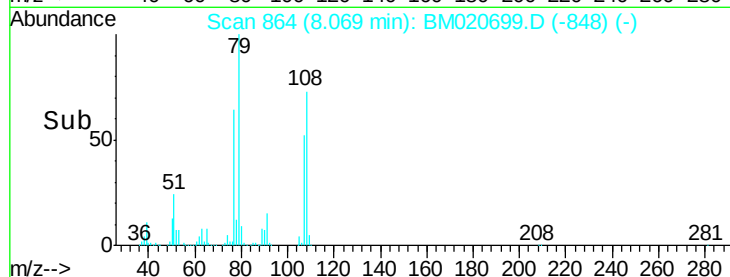


Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-856) (-)

Ion 108.00 (107.70 to 108.70): BM020627.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-856) (-)

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.536 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

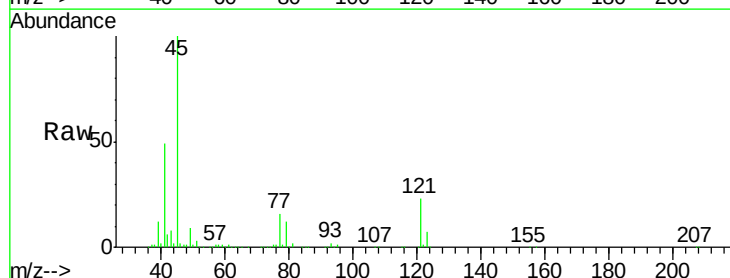
Tgt Ion: 45 Resp: 1434342

Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.9

79 12.3 0.0 31.8

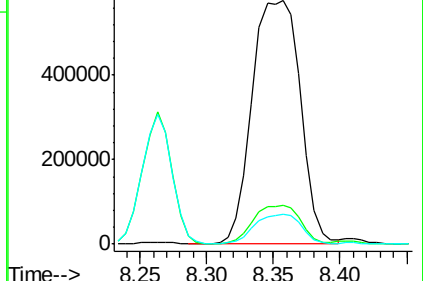
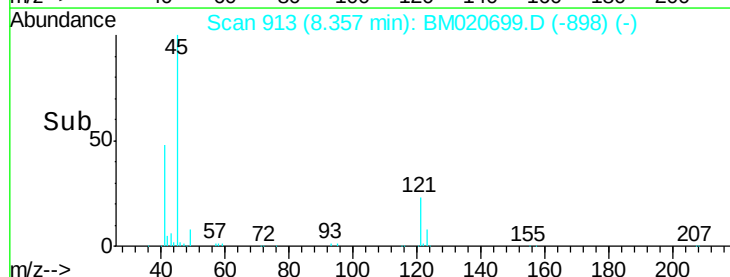


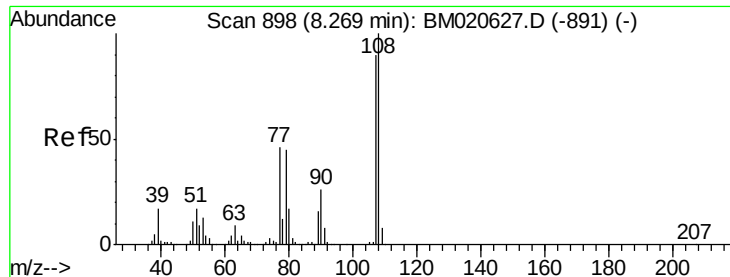
Abundance Ion 45.00 (44.70 to 45.70): BM020627.D (-905) (-)

Ion 77.00 (76.70 to 77.70): BM020627.D (-905) (-)

Ion 79.00 (78.70 to 79.70): BM020627.D (-905) (-)

Time-->





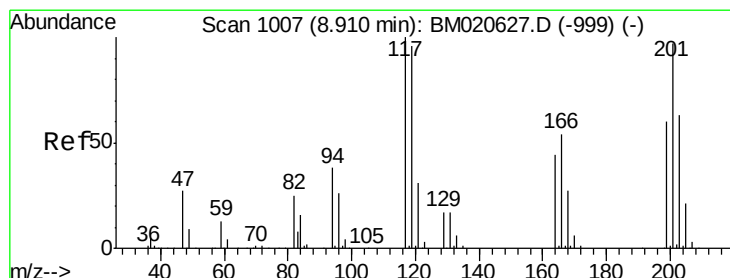
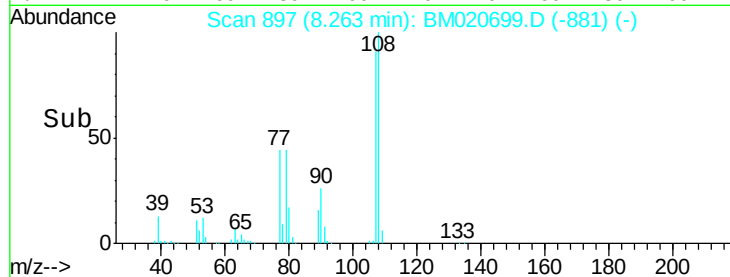
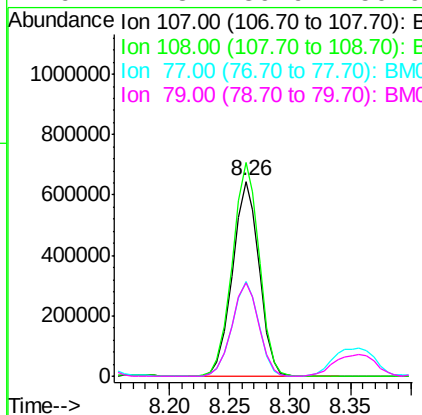
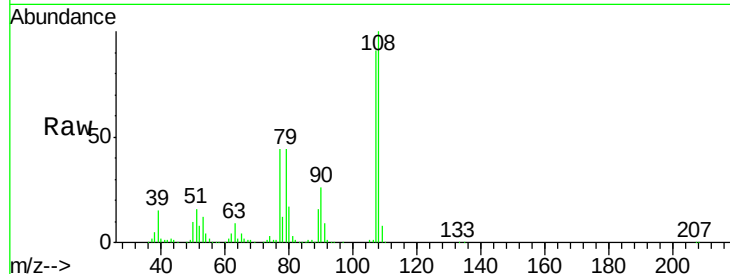
#17
2-Methylphenol
Concen: 45.293 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampled :
TP-1A-DMSD

Tot Ion:	107	Resp:	989144
Ion Ratio	Lower	Upper	
107	100		
108	109.5	88.6	133.0
77	48.5	40.6	61.0
79	47.8	39.9	59.9

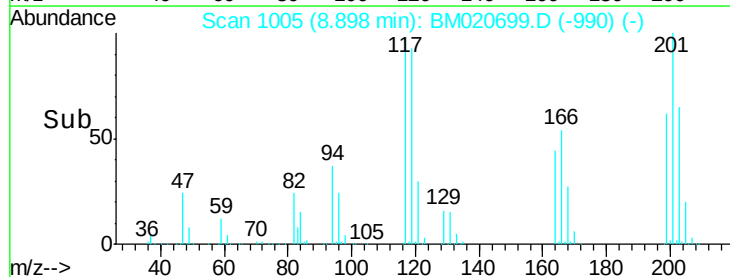
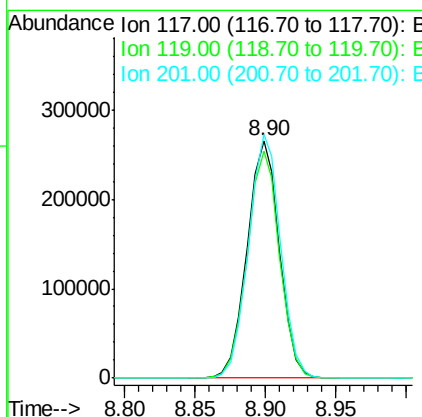
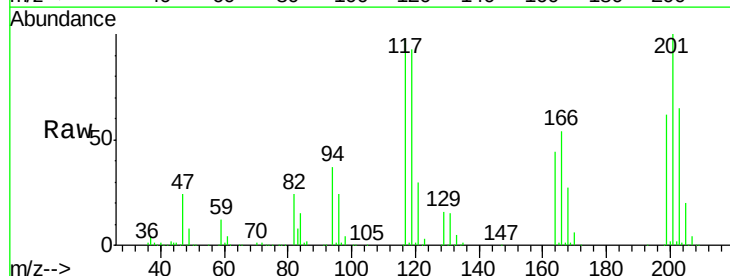
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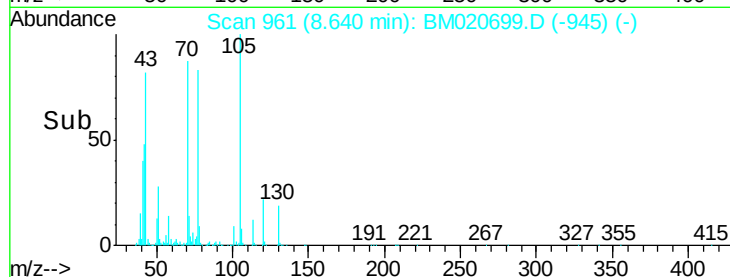
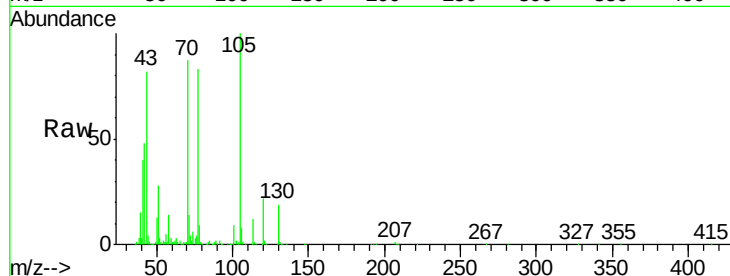
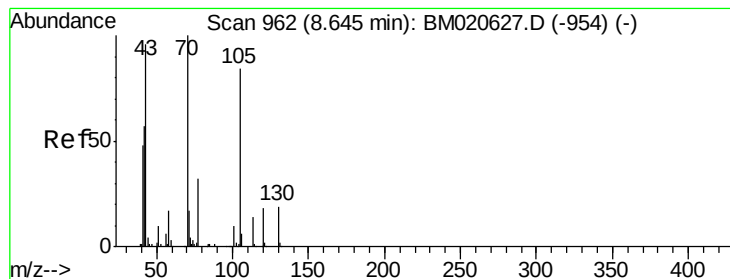
mohammad
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#18
Hexachloroethane
Concen: 38.966 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:	117	Resp:	424403
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.7	115.1
201	102.6	77.9	116.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.506 ng

RT: 8.64 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion: 70 Resp: 915185

Ion Ratio Lower Upper

70 100

42 55.2 46.8 70.2

101 10.2 7.8 11.6

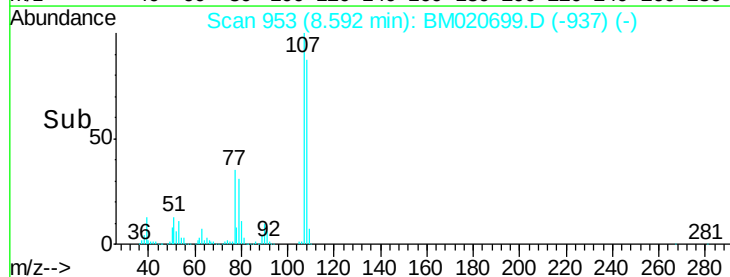
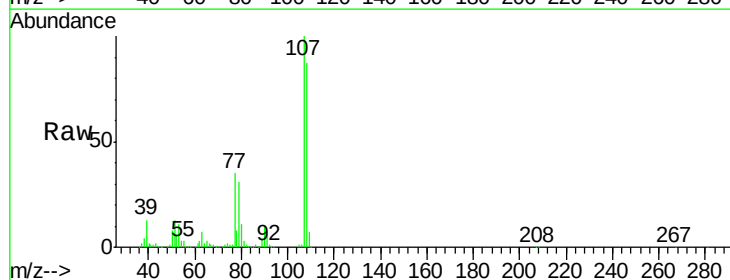
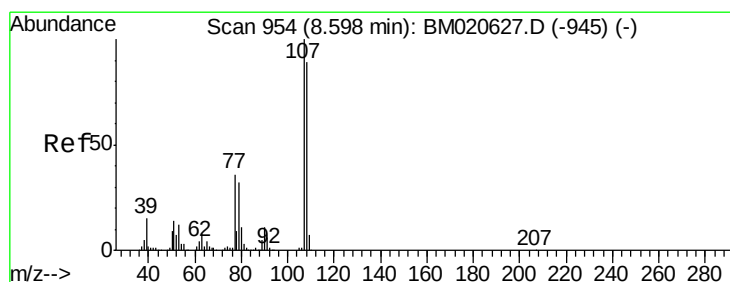
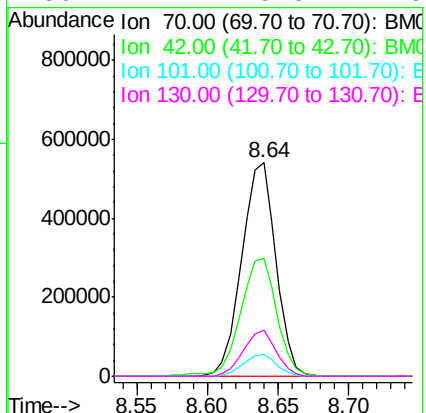
130 21.4 15.0 22.6

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#20

3+4-Methylphenols

Concen: 45.612 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion: 107 Resp: 1355254

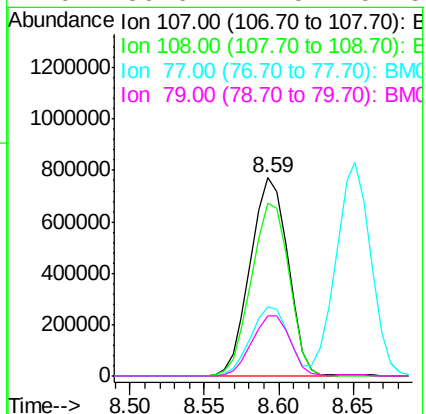
Ion Ratio Lower Upper

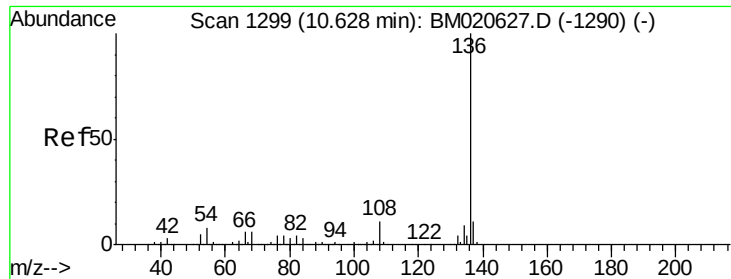
107 100

108 86.9 69.2 109.2

77 34.7 16.2 56.2

79 30.6 12.5 52.5





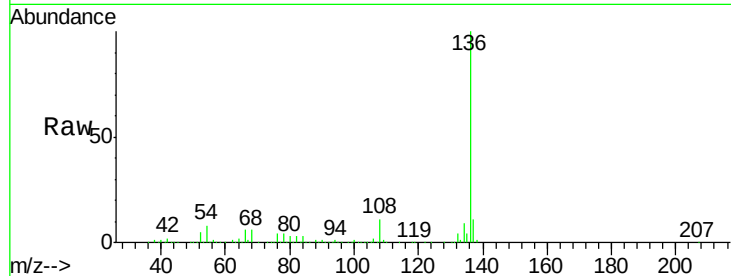
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

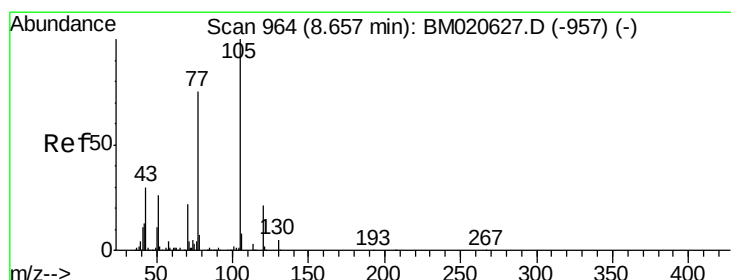
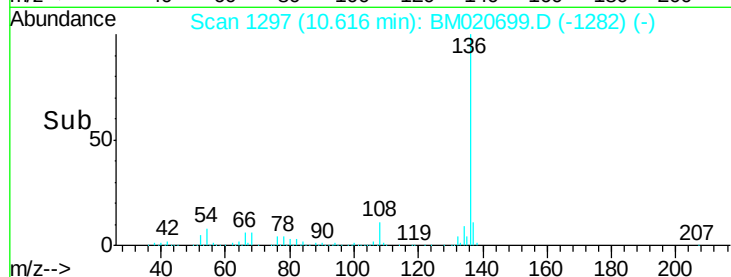
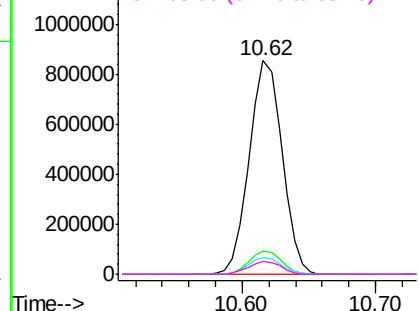
Tot Ion	136	Resp	1451552
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.6	10.0
68	6.0	5.1	7.7

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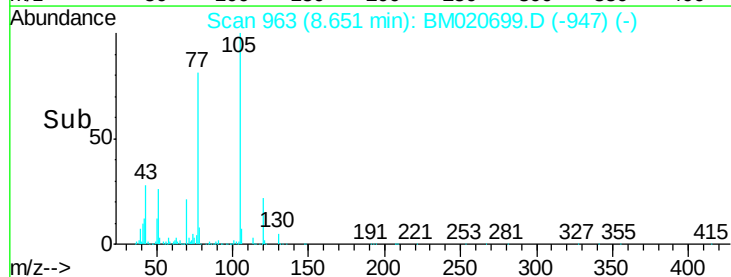
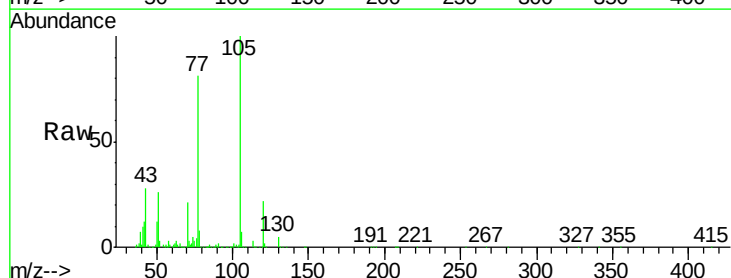
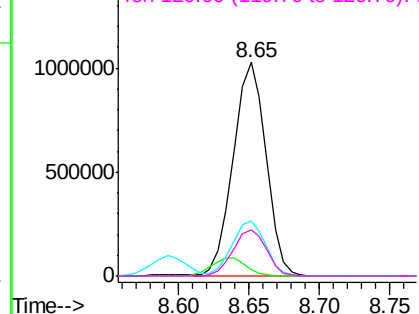
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

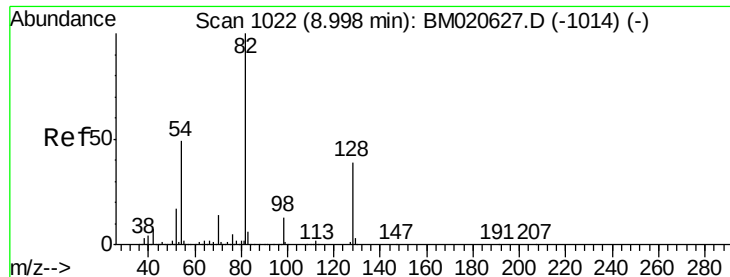


#22
Acetophenone
Concen: 45.182 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	105	Resp	1666078
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.2	4.8#
51	26.0	22.8	34.2
120	21.5	17.0	25.4

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





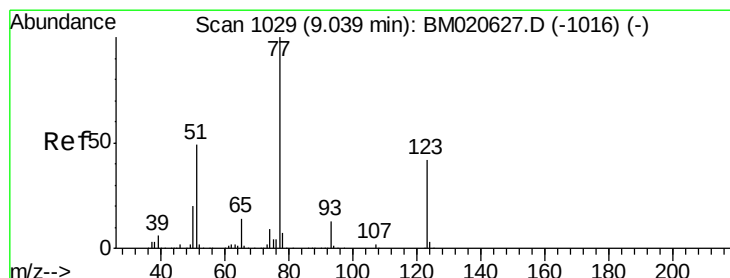
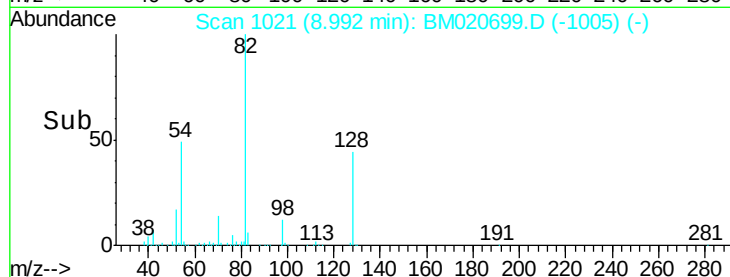
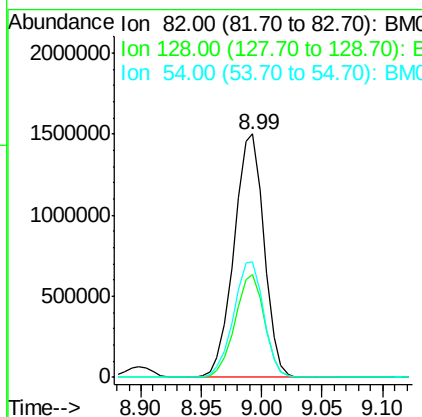
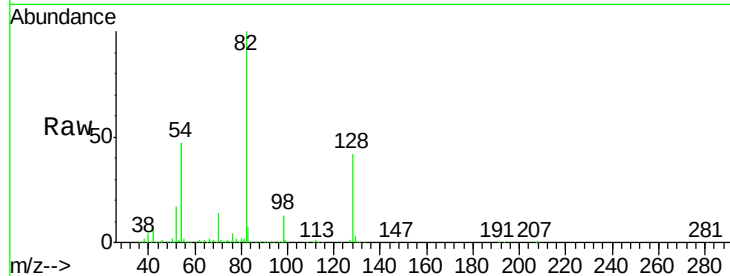
#23
Nitrobenzene-d5
Concen: 92.933 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.5	47.3
54	47.3	39.4	59.0

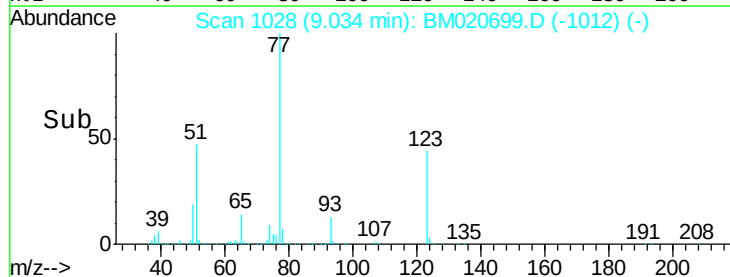
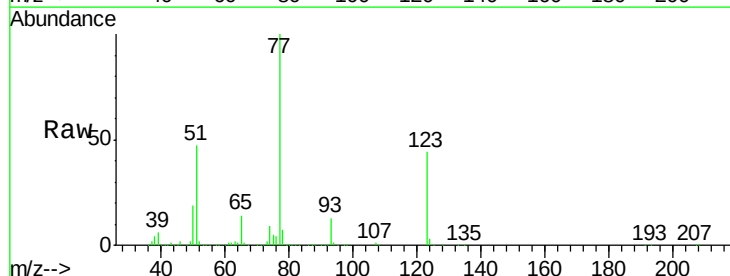
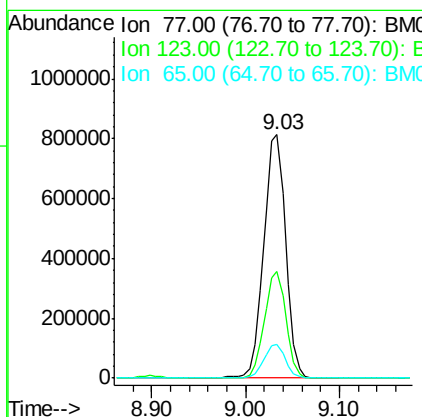
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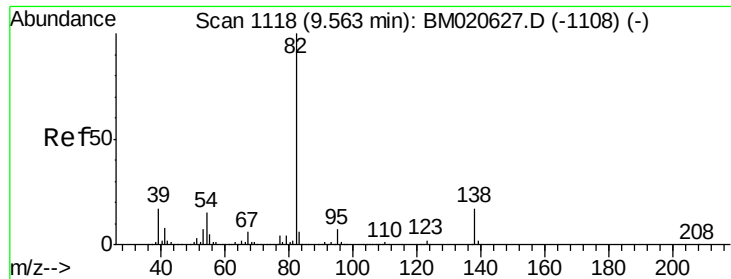
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#24
Nitrobenzene
Concen: 45.808 ng
RT: 9.03 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.7	50.5
65	13.7	11.0	16.6





#25

Isophorone

Concen: 44.412 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion: 82 Resp: 2474997

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

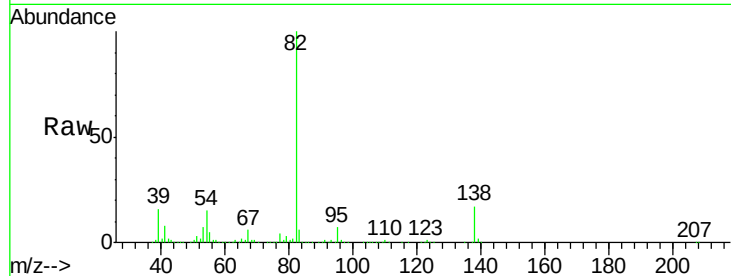
138 17.1 13.8 20.8

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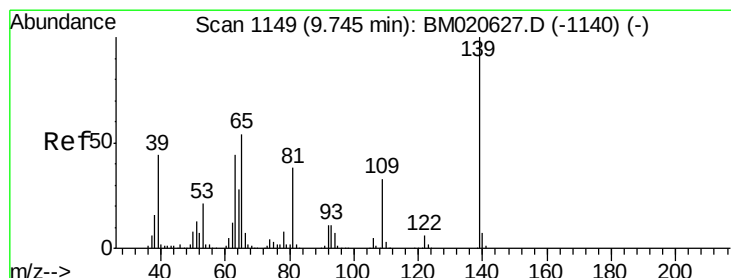
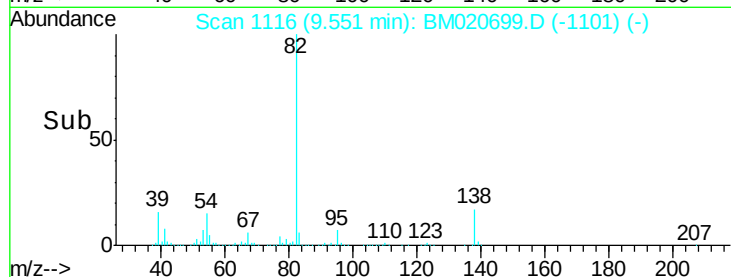
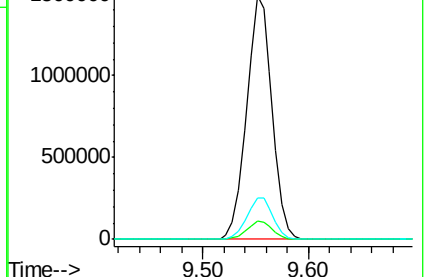
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Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020627.D (-1108) (-)



#26

2-Nitrophenol

Concen: 56.326 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

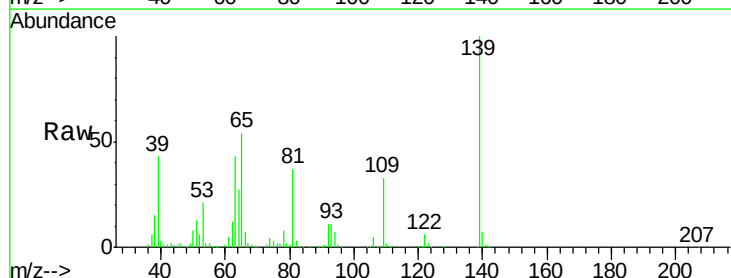
Tgt Ion: 139 Resp: 600390

Ion Ratio Lower Upper

139 100

109 32.9 26.1 39.1

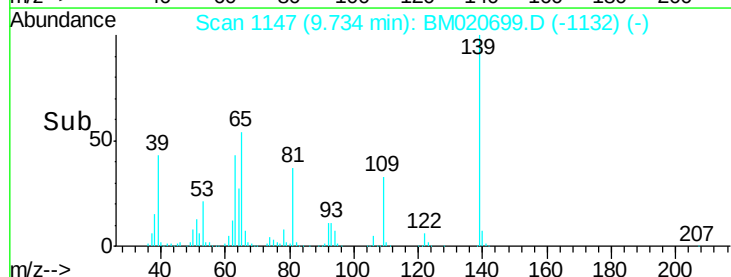
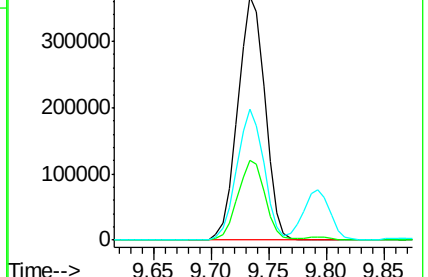
65 53.8 43.4 65.0

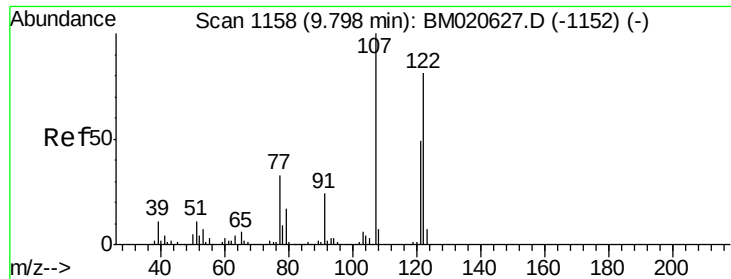


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020627.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1140) (-)





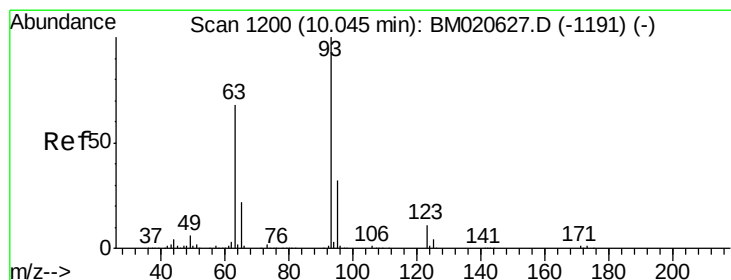
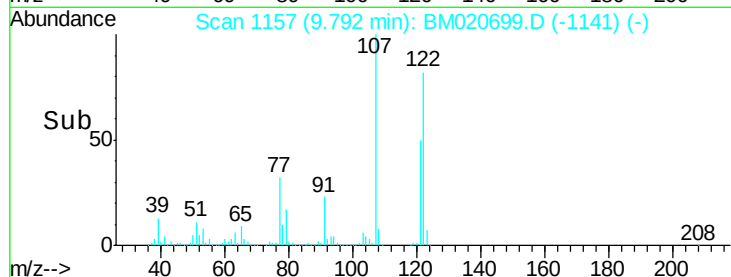
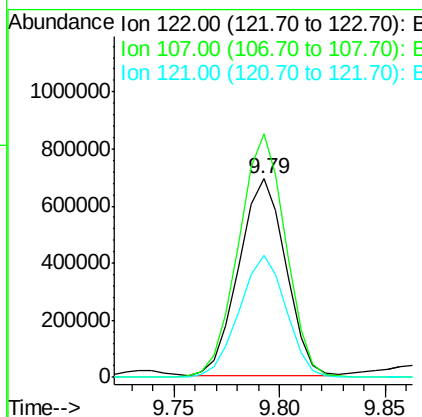
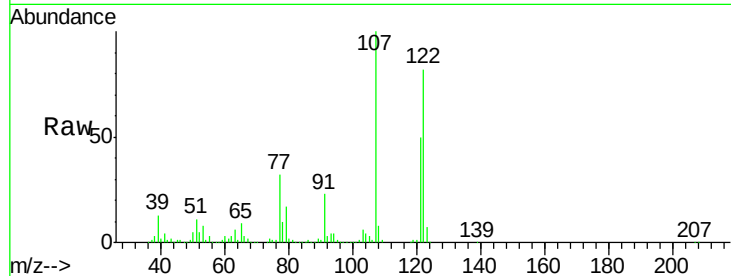
#27
 2,4-Dimethylphenol
 Concen: 53.328 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion:122 Resp: 1065162
 Ion Ratio Lower Upper
 122 100
 107 122.6 98.0 147.0
 121 61.3 48.2 72.4

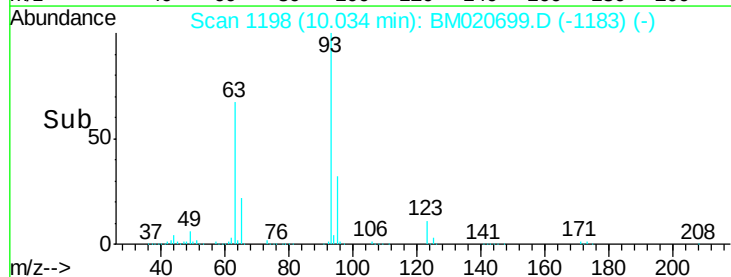
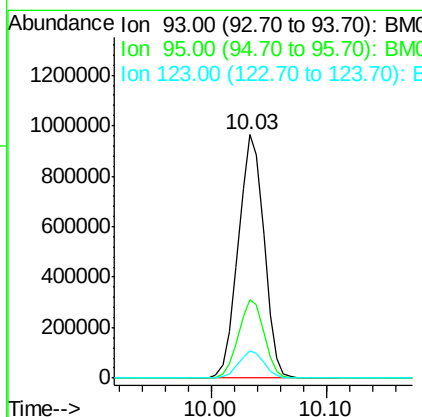
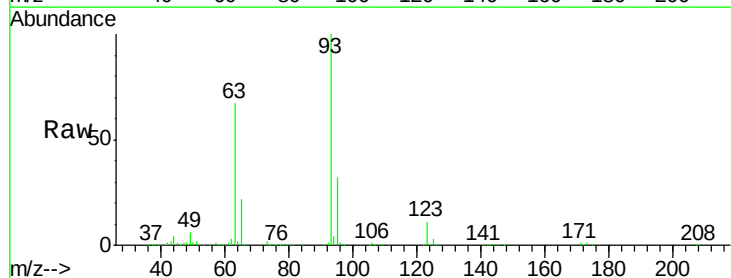
Manual Integrations
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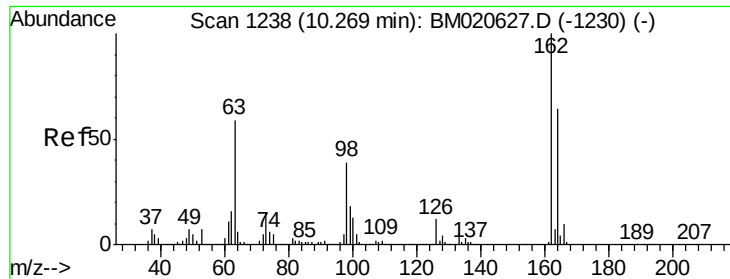
mohammad
 6/5/2019 8:46:23 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.291 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion: 93 Resp: 1492420
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 11.2 9.0 13.6





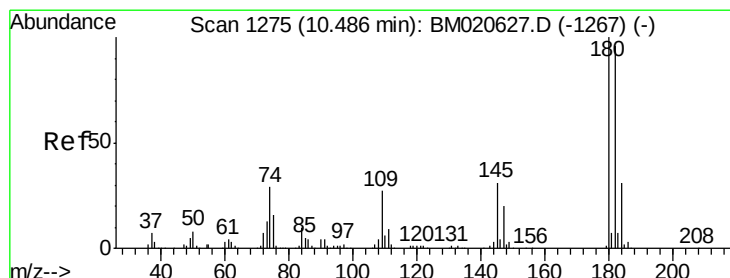
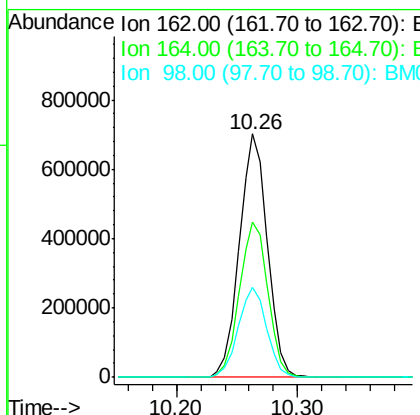
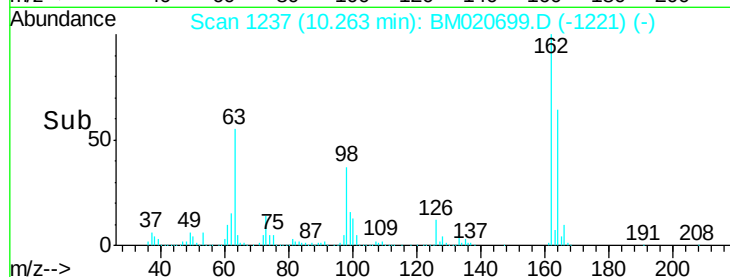
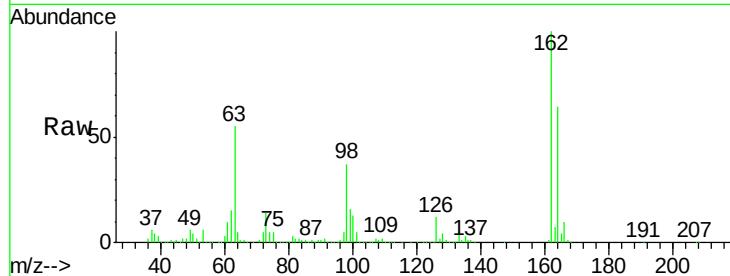
#29
2,4-Dichlorophenol
Concen: 51.480 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	37.1	19.1	59.1

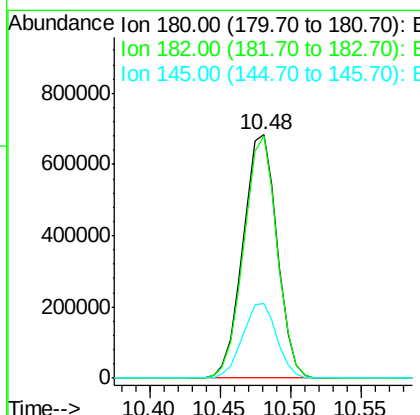
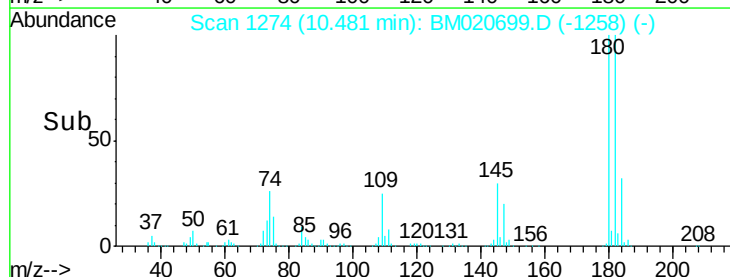
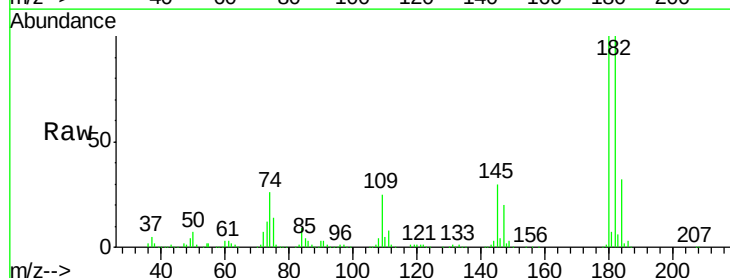
Manual Integrations
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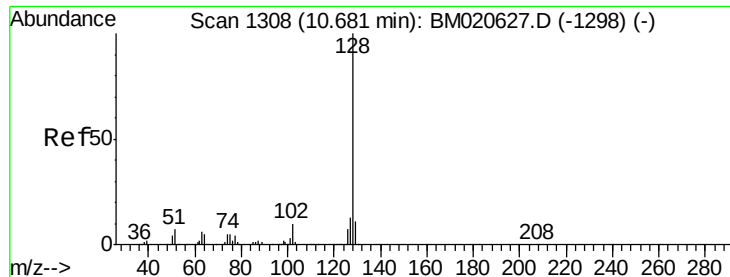
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.555 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.0	115.6
145	30.5	25.0	37.4





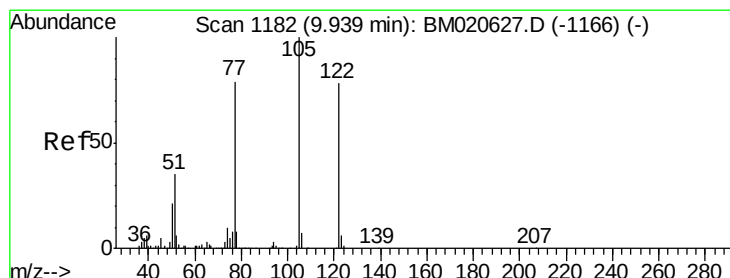
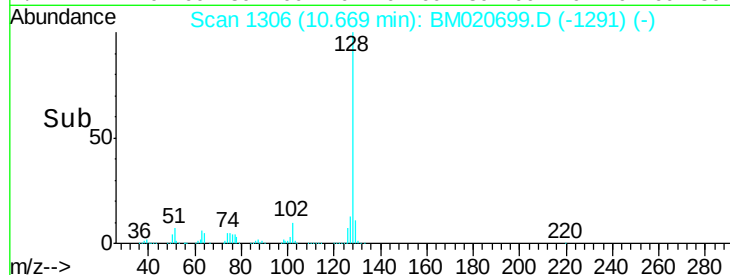
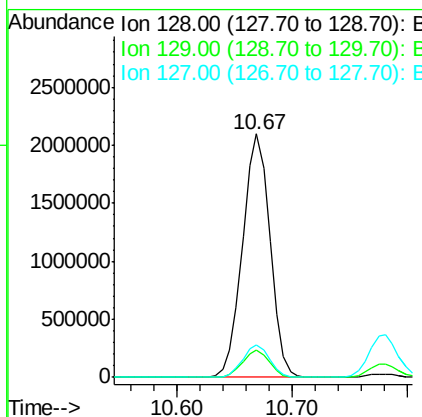
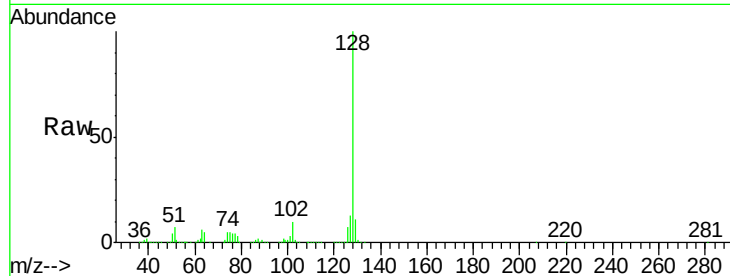
#31
Naphthalene
Concen: 46.381 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampled :
TP-1A-DMSD

Tot Ion:128 Resp: 3462034
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.3 15.5

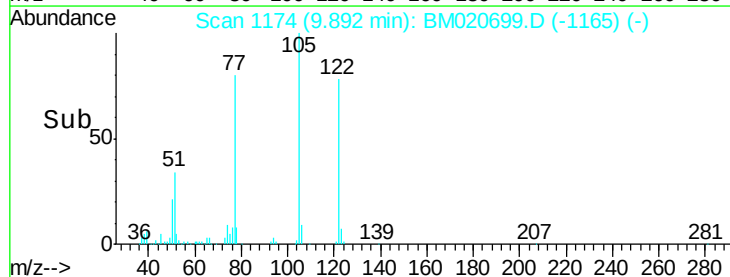
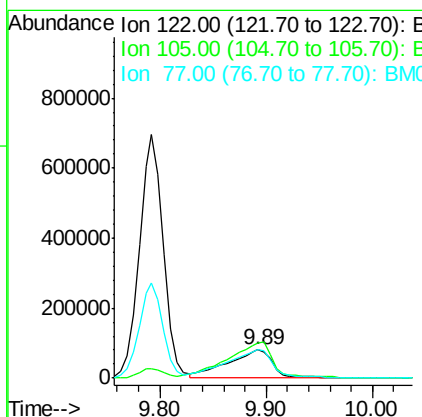
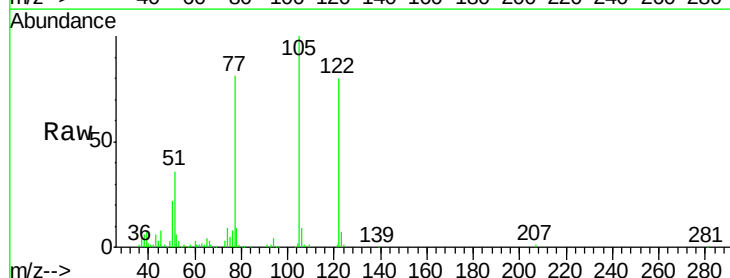
Manual Integrations
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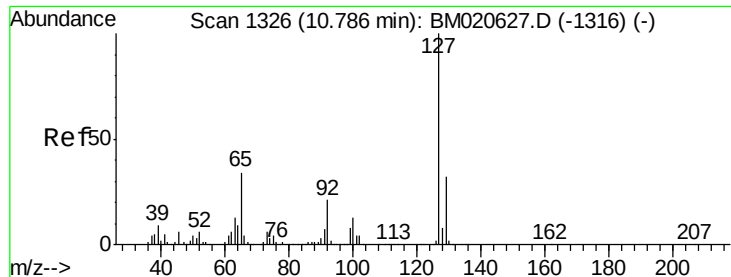
mohammad
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#32
Benzoic acid
Concen: 22.415 ng m
RT: 9.89 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:122 Resp: 243266
Ion Ratio Lower Upper
122 100
105 125.4 107.0 147.0
77 101.7 80.9 120.9





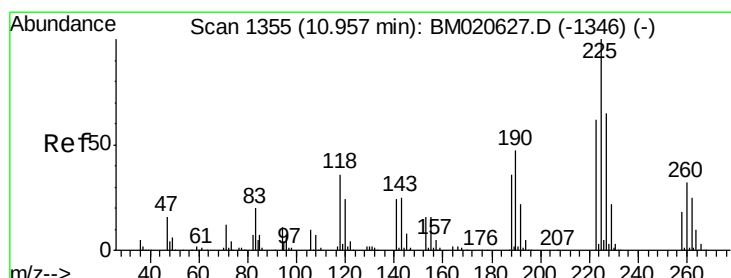
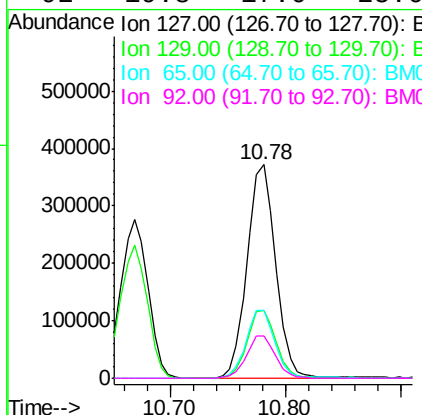
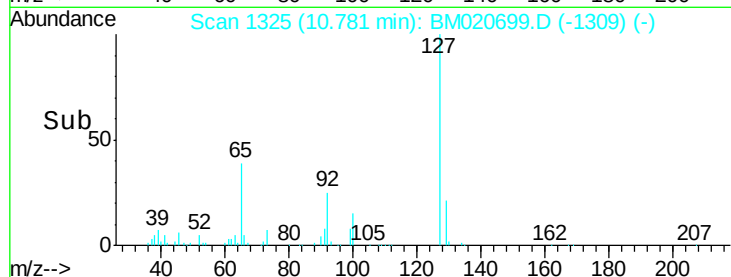
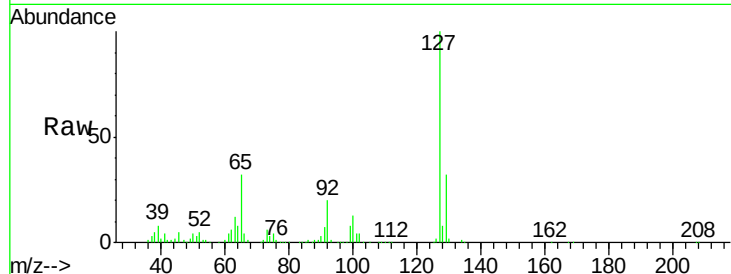
#33
4-Chloroaniline
Concen: 18.449 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		640891		
129	31.8	25.7	38.5		
65	31.6	27.4	41.0		
92	19.8	17.0	25.6		

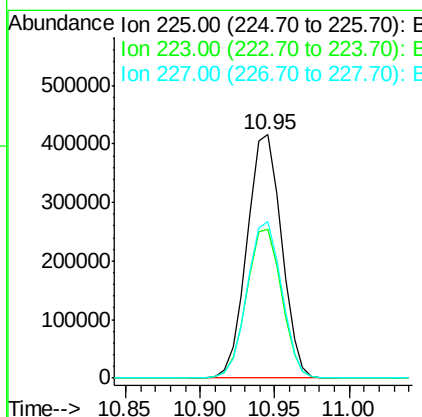
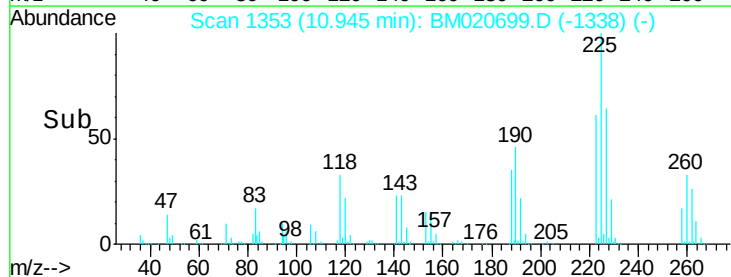
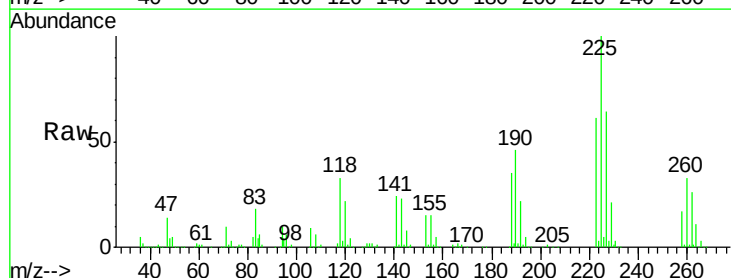
Manual Integrations
APPROVED

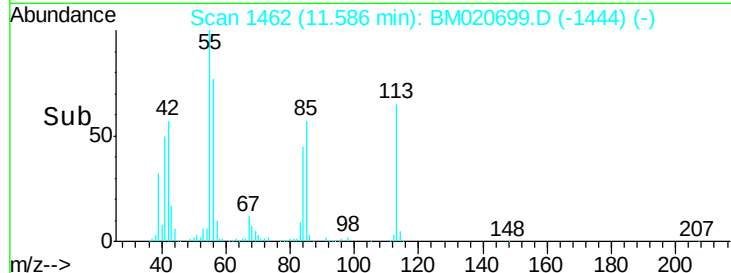
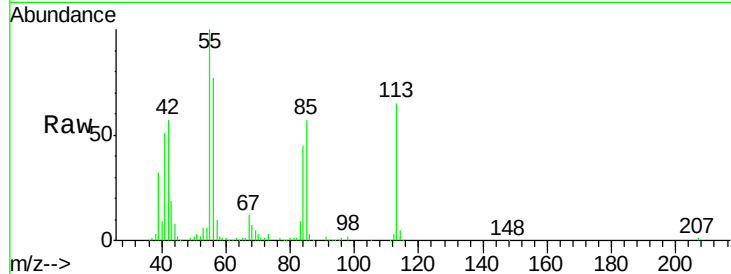
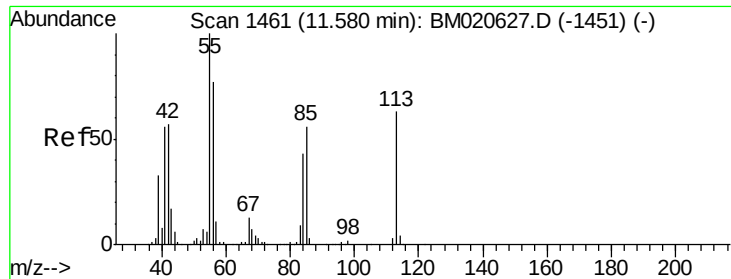
mohammad
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#34
Hexachlorobutadiene
Concen: 43.661 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		665674		
223	61.4	49.7	74.5		
227	64.5	51.8	77.8		





#35

Caprolactam

Concen: 48.918 ng/mL

RT: 11.59 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tot Ion:	113	Resp:	375544
Ion Ratio	Lower	Upper	
113	100		
55	153.1	138.6	178.6
56	118.4	102.3	142.3

Instrument :

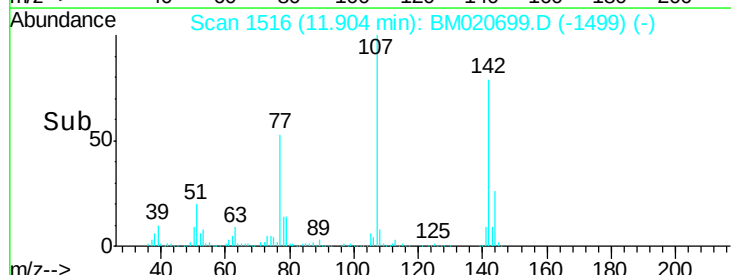
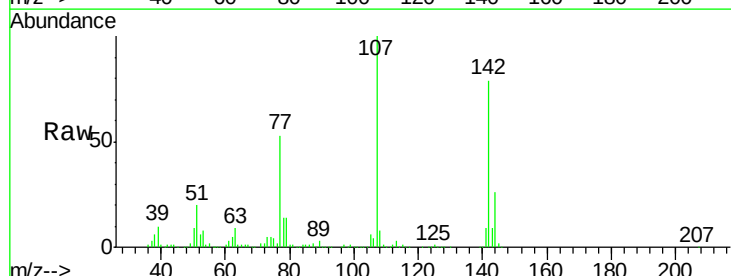
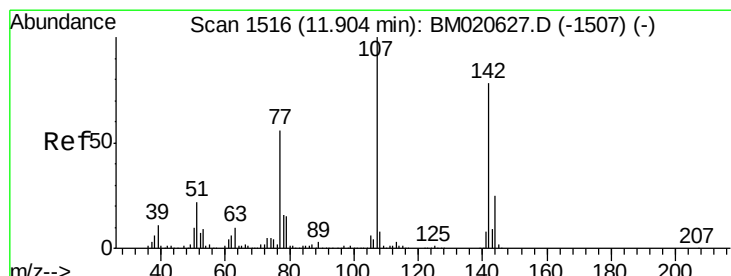
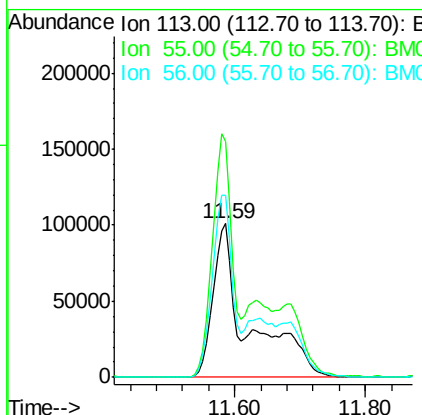
BNA_M

ClientSampleId :

TP-1A-DMSD

Manual Integrations
APPROVED

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#36

4-Chloro-3-methylphenol

Concen: 49.460 ng/mL

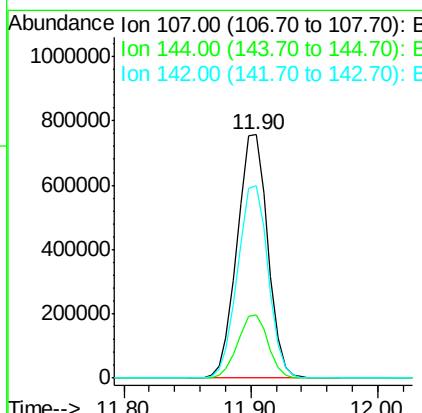
RT: 11.90 min Scan# 1516

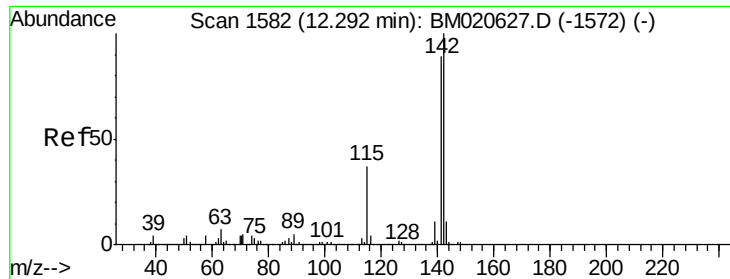
Delta R.T. 0.00 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:	107	Resp:	1270785
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.3	30.5
142	79.1	62.6	93.8





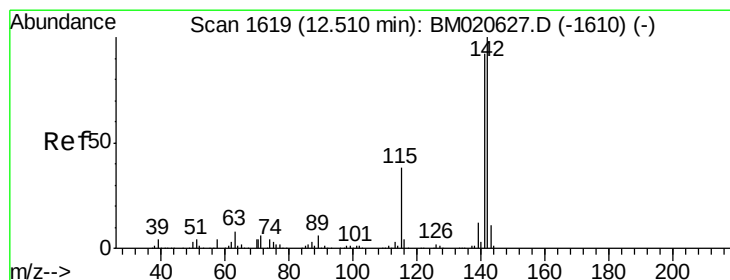
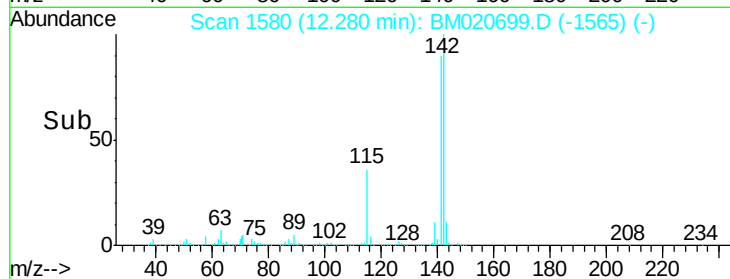
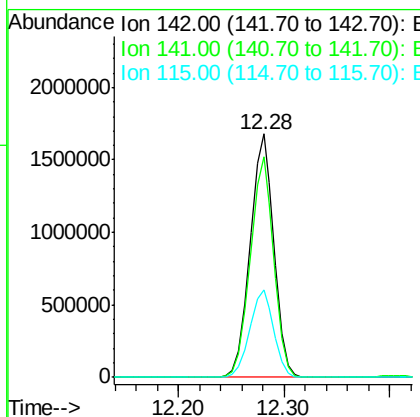
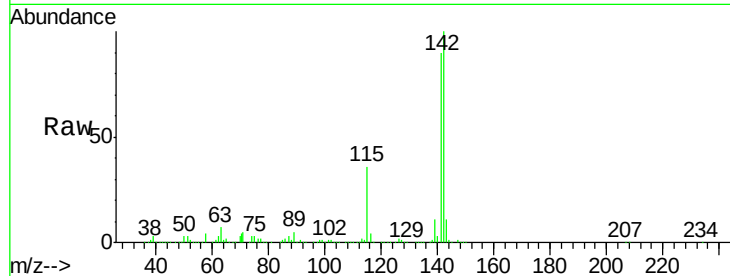
#37
2-Methylnaphthalene
Concen: 47.376 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.6	107.4
115	36.1	29.6	44.4

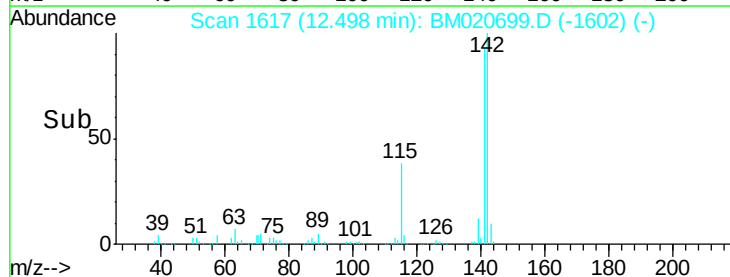
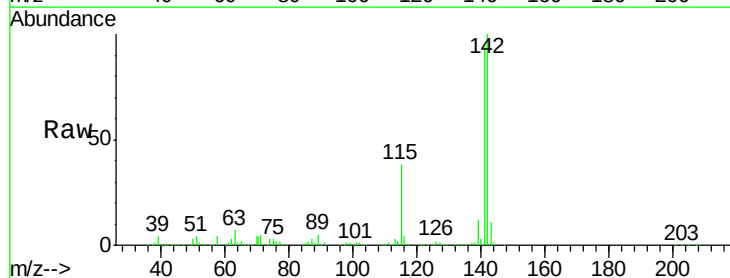
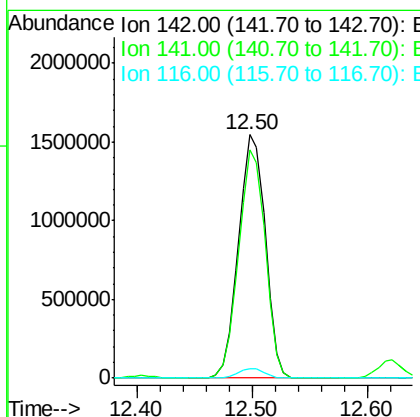
Manual Integrations
APPROVED

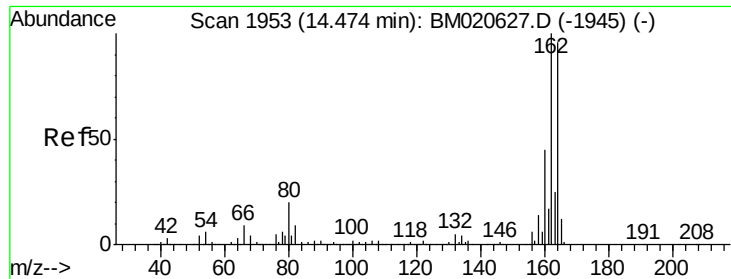
mohammad
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#38
1-Methylnaphthalene
Concen: 47.379 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.9	110.9
116	4.1	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: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:164 Resp: 861019

Ion Ratio Lower Upper

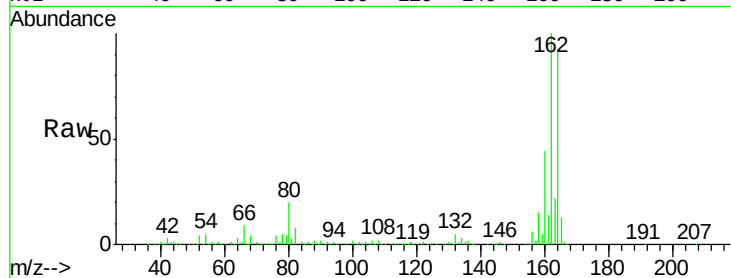
164 100

162 107.1 83.2 124.8

160 47.3 37.5 56.3

Manual Integrations
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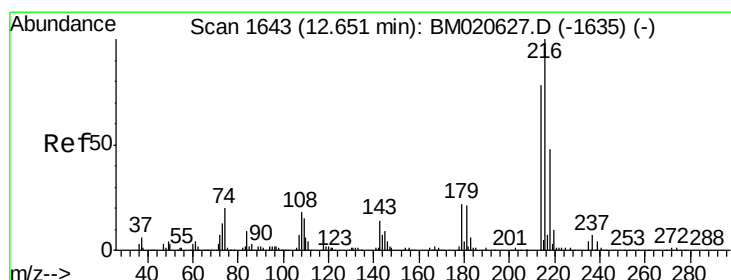
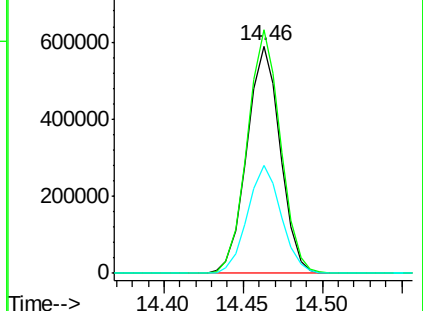
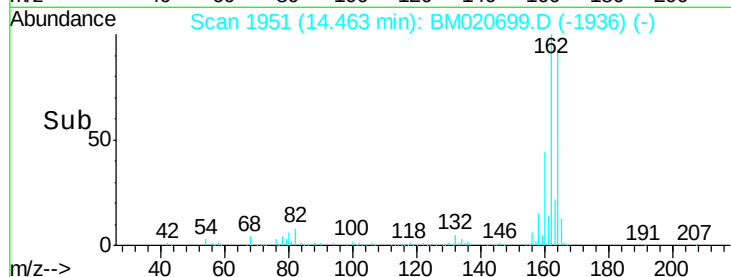
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 48.108 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:216 Resp: 1357425

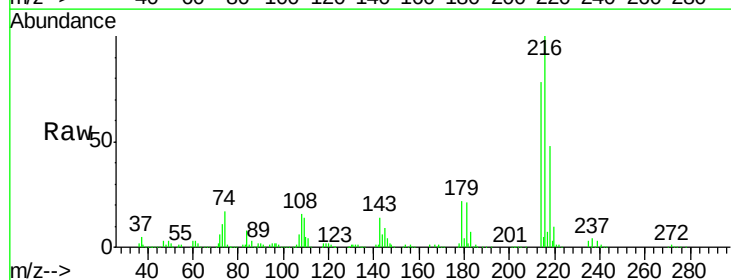
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 21.6 17.9 26.9

108 20.2 16.2 24.2

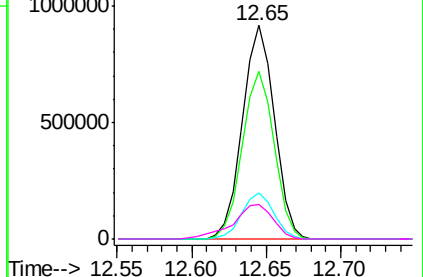
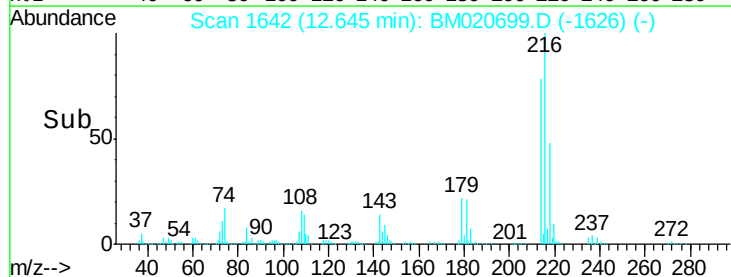


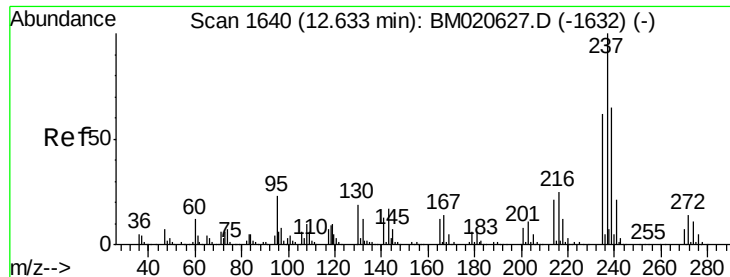
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





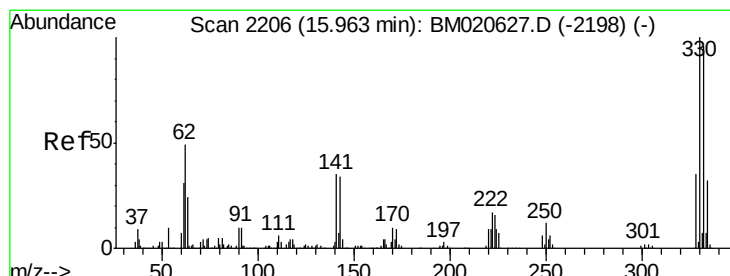
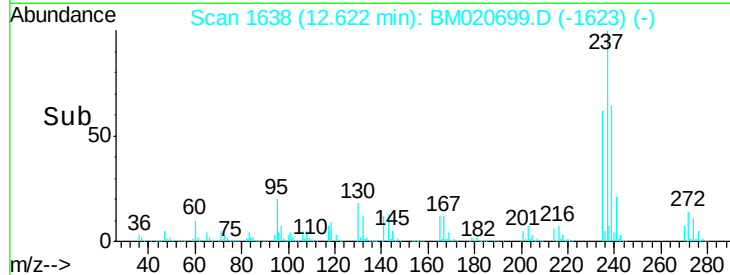
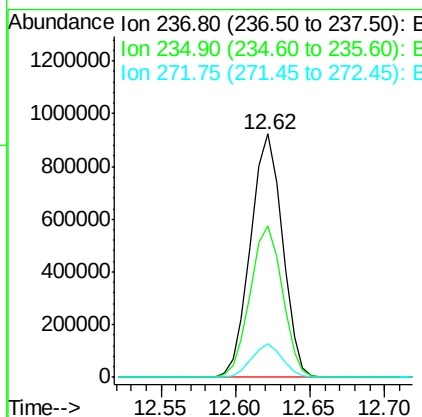
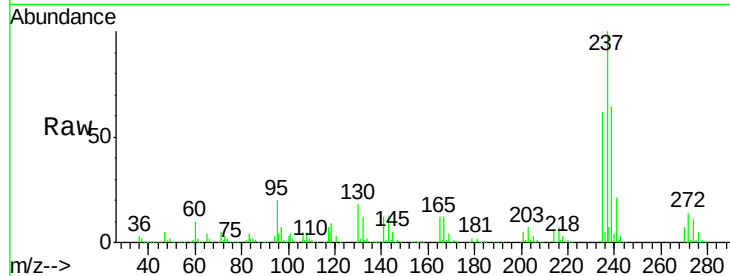
#41
Hexachlorocyclopentadiene
Concen: 80.863 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.1	82.1
272	13.6	0.0	33.5

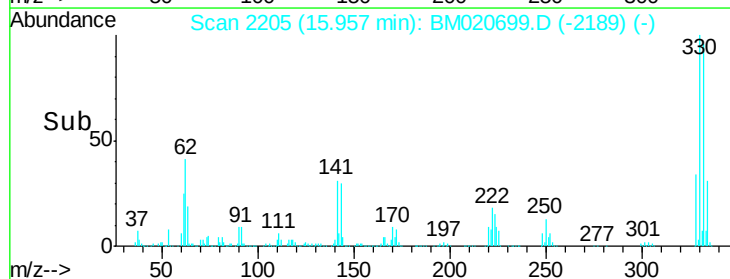
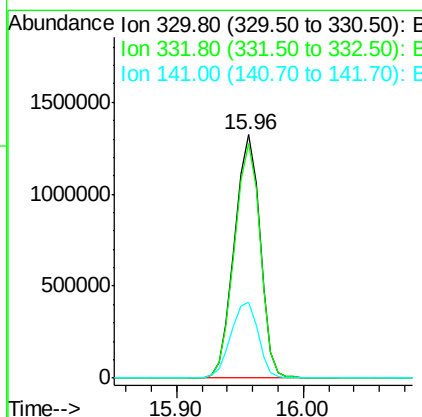
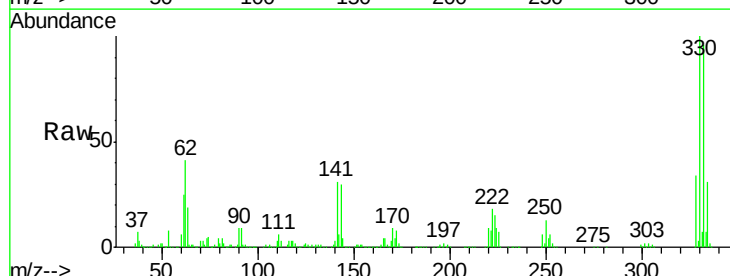
Manual Integrations
APPROVED

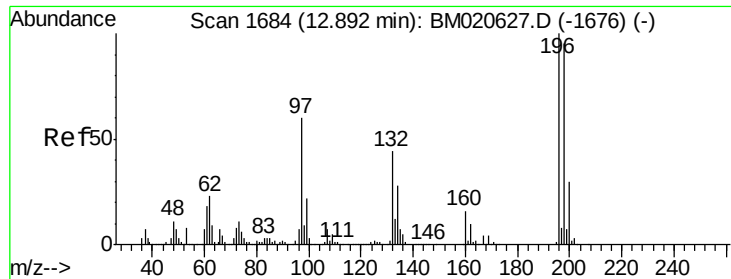
mohammad
6/5/2019 8:46:23 AM



#42
2,4,6-Tribromophenol
Concen: 173.693 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	33.3	30.4	45.6





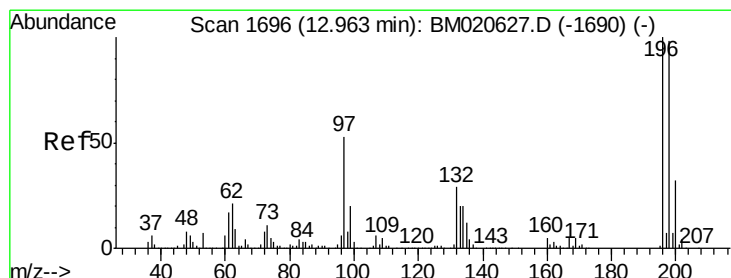
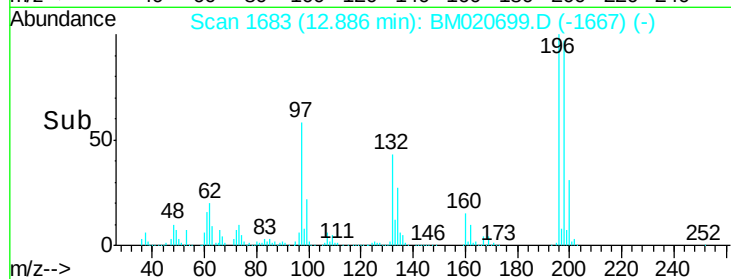
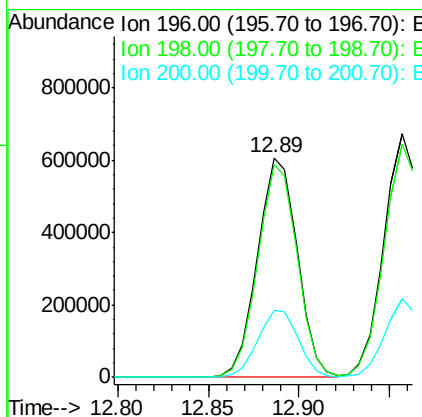
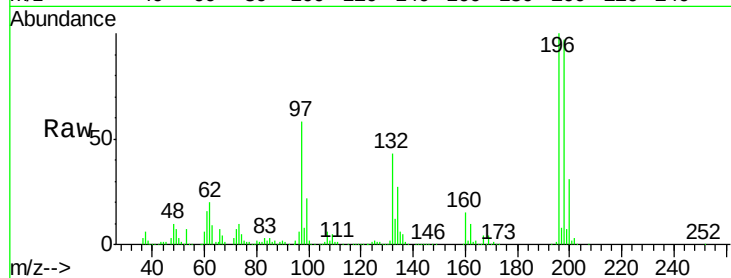
#43
 2,4,6-Trichlorophenol
 Concen: 51.095 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion:	196	Resp:	928003
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.7	113.5
200	30.7	23.9	35.9

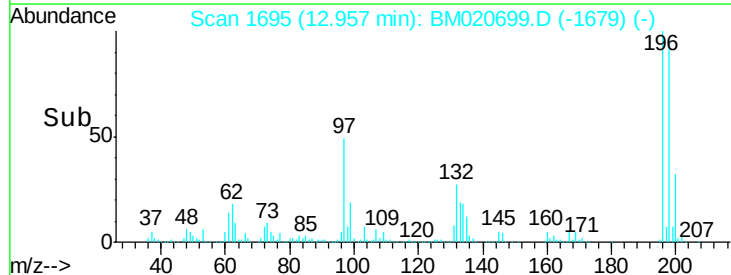
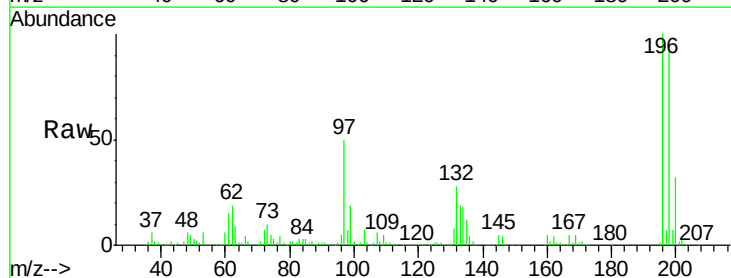
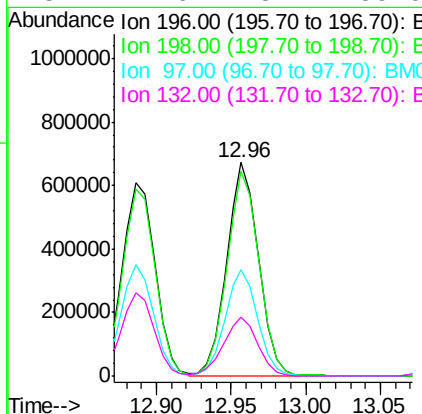
Manual Integrations
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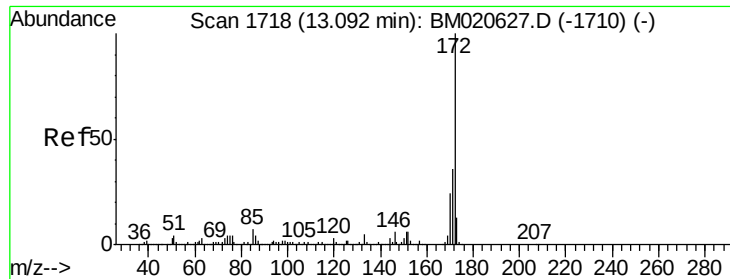
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 53.291 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion:	196	Resp:	999245
Ion Ratio	Lower	Upper	
196	100		
198	95.7	78.6	117.8
97	49.7	42.7	64.1
132	27.6	23.4	35.0





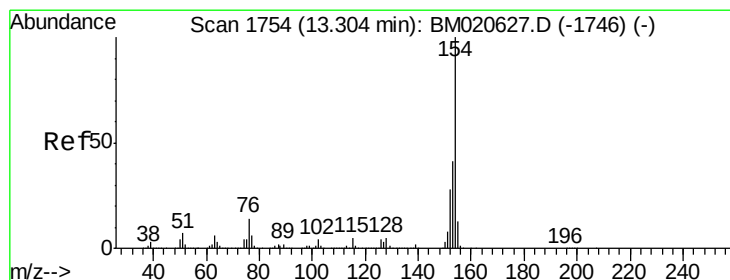
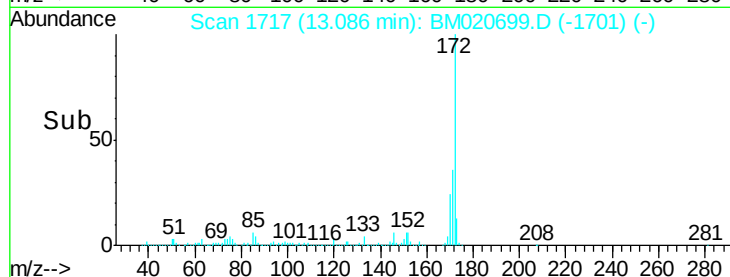
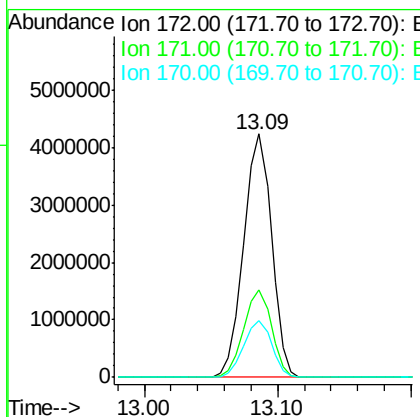
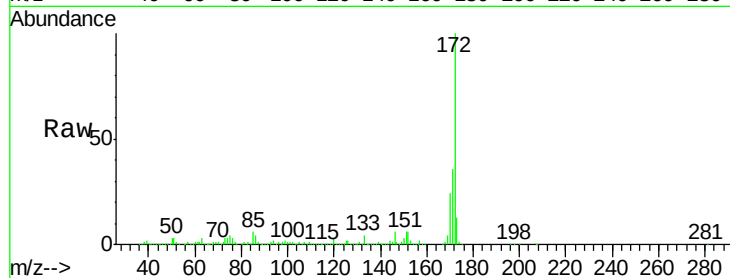
#45
2-Fluorobiphenyl
Concen: 94.541 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:172 Resp: 6122960
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.5 18.9 28.3

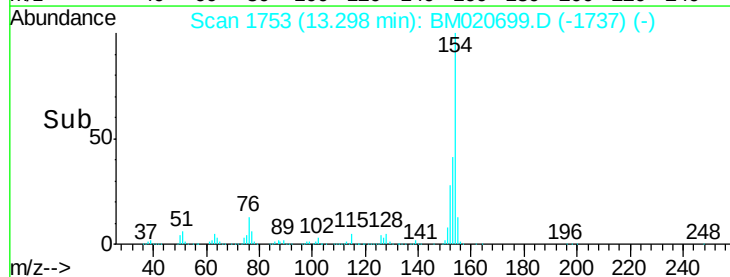
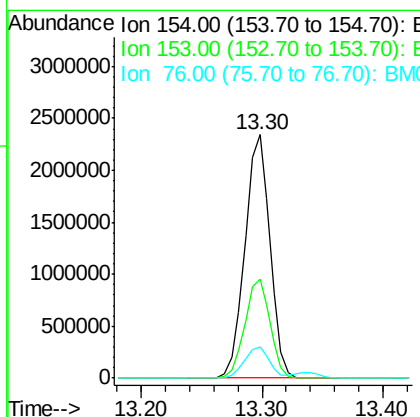
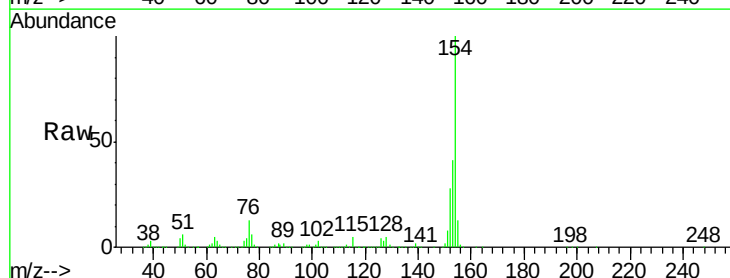
Manual Integrations
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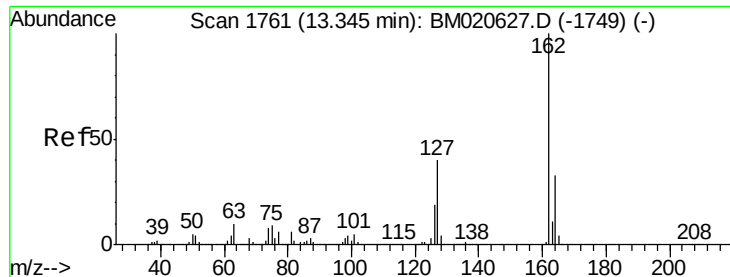
mohammad
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#46
1,1'-Biphenyl
Concen: 47.093 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:154 Resp: 3386415
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.7 0.0 34.0





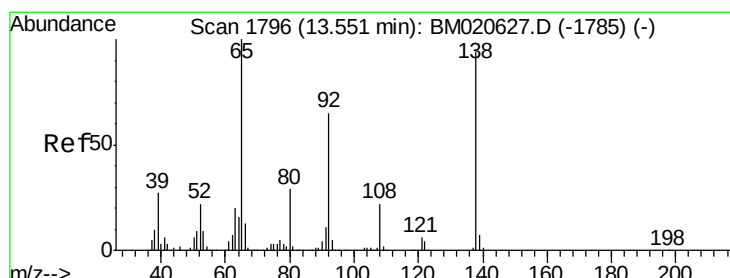
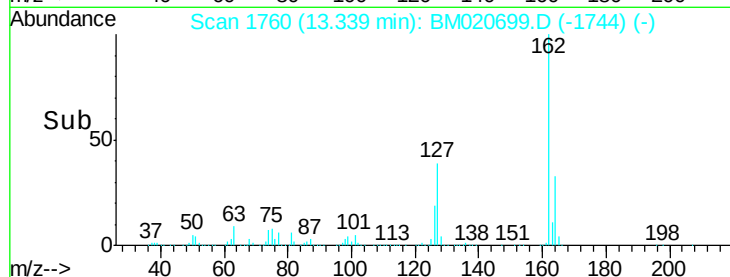
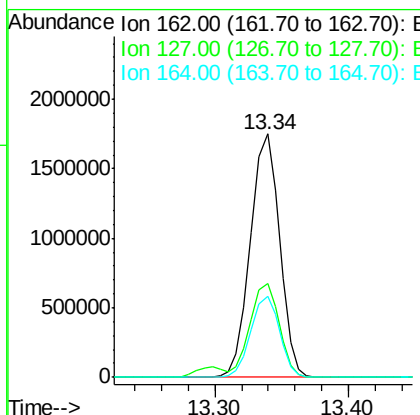
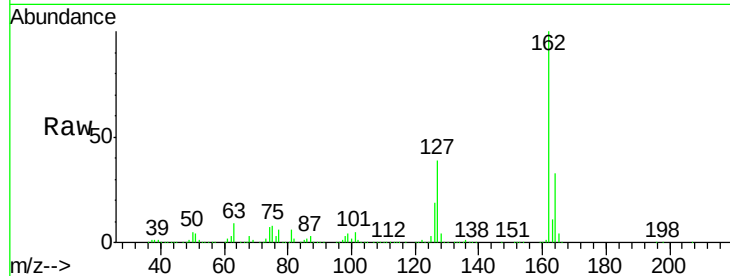
#47
2-Chloronaphthalene
Concen: 45.459 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion: 162 Resp: 2638336
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.1 26.6 39.8

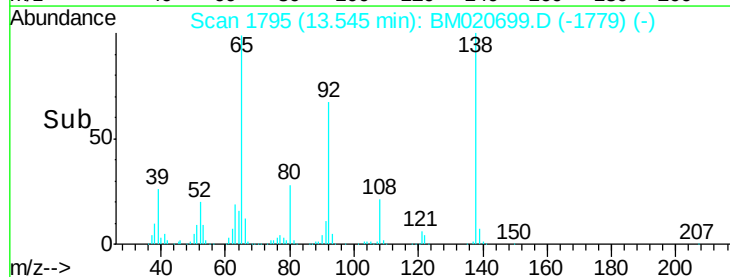
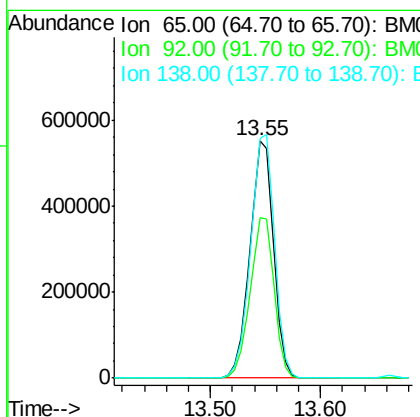
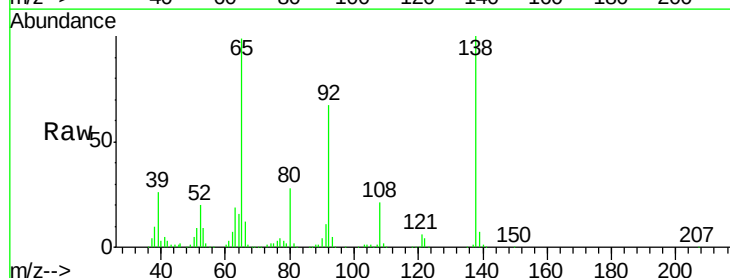
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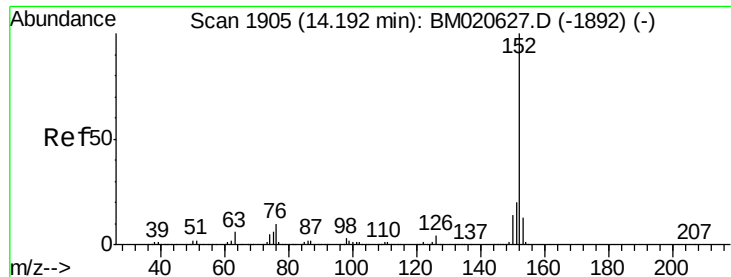
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#48
2-Nitroaniline
Concen: 45.757 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion: 65 Resp: 833495
Ion Ratio Lower Upper
65 100
92 67.2 52.2 78.4
138 100.8 75.4 113.0





#49

Acenaphthylene

Concen: 46.873 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:152 Resp: 4244673

Ion Ratio Lower Upper

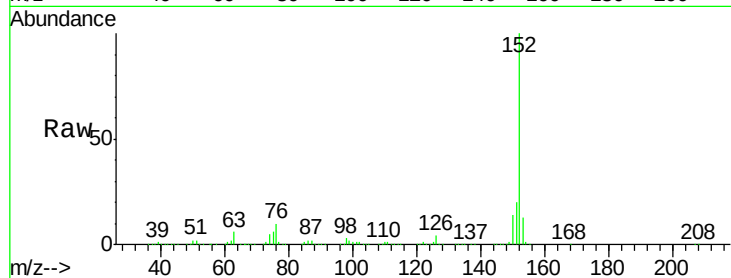
152 100

151 20.4 16.2 24.2

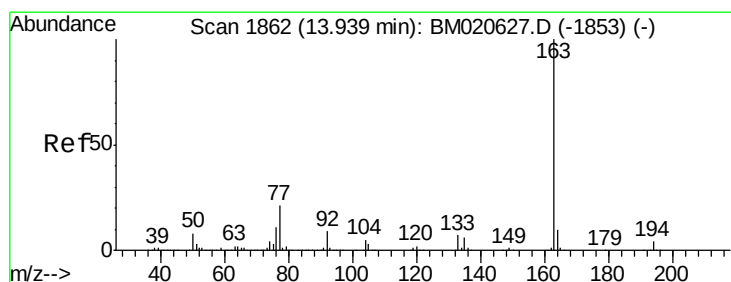
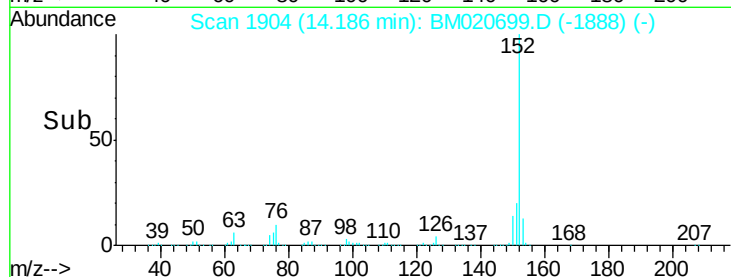
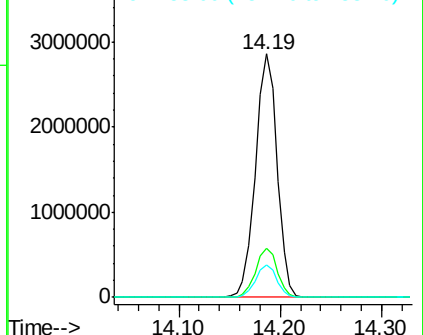
153 13.1 10.6 15.8

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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: 52.022 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

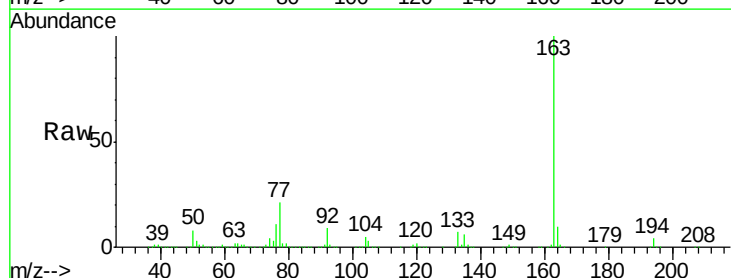
Tgt Ion:163 Resp: 3826774

Ion Ratio Lower Upper

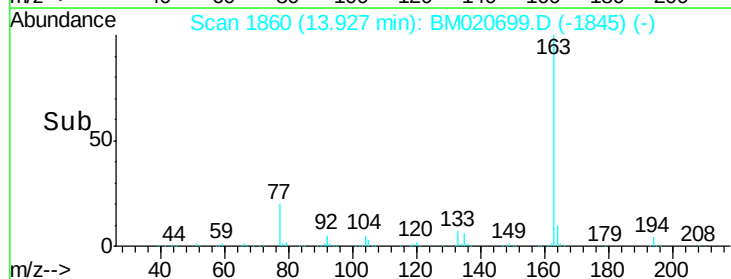
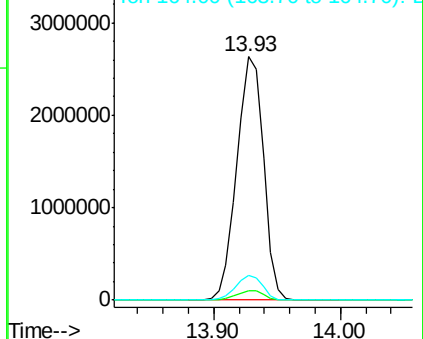
163 100

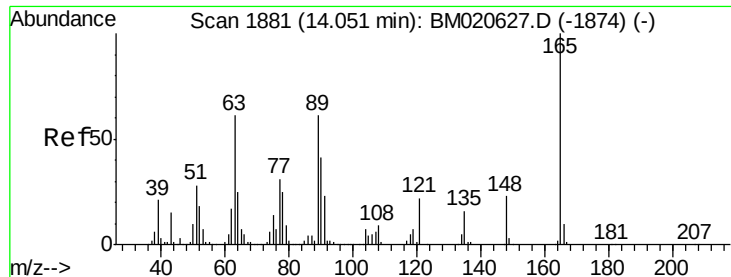
194 4.1 3.2 4.8

164 10.3 7.9 11.9



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





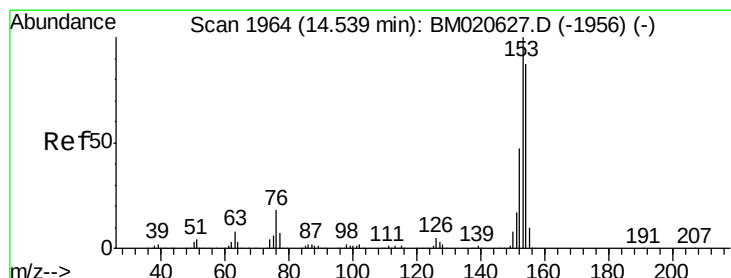
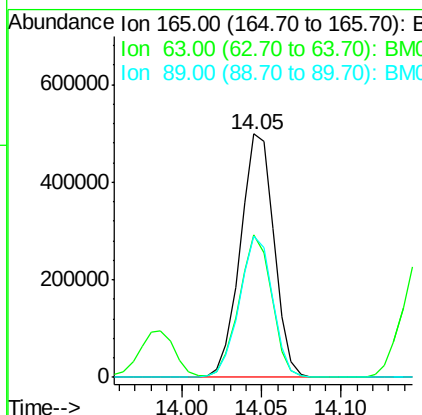
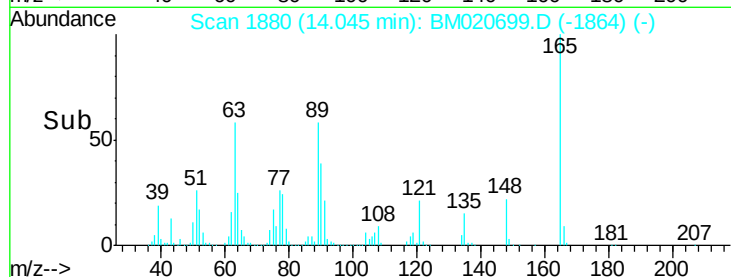
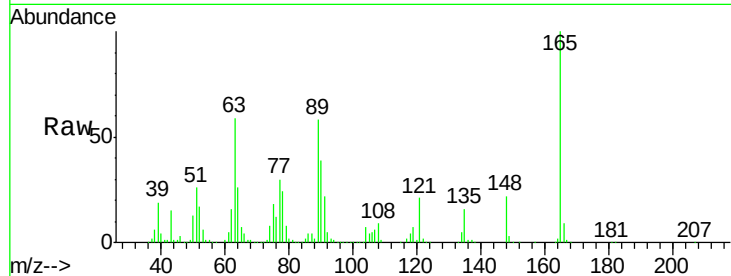
#51
2,6-Dinitrotoluene
Concen: 49.140 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	733991		
63	58.6		50.4	75.6
89	58.0		49.1	73.7

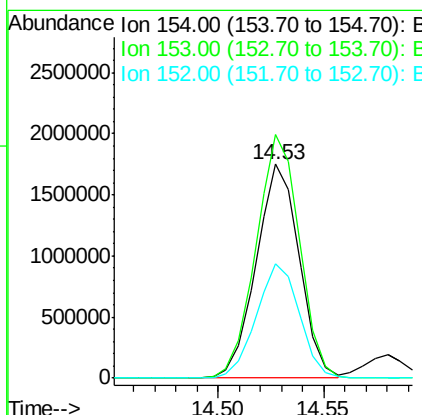
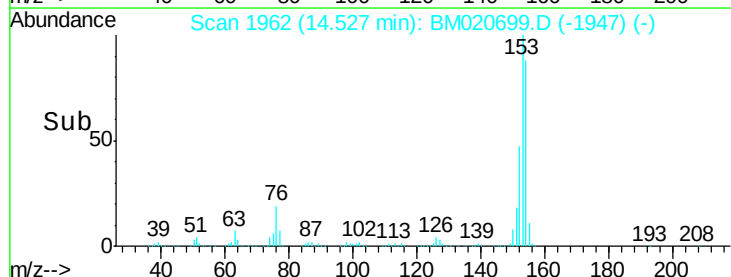
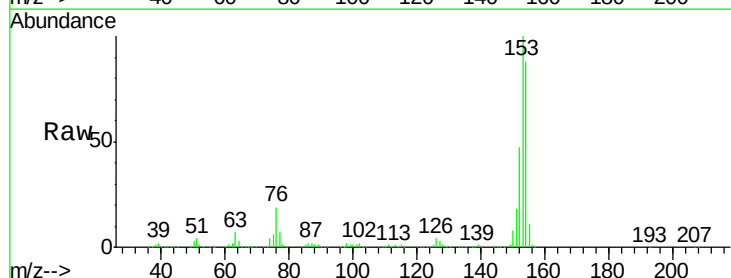
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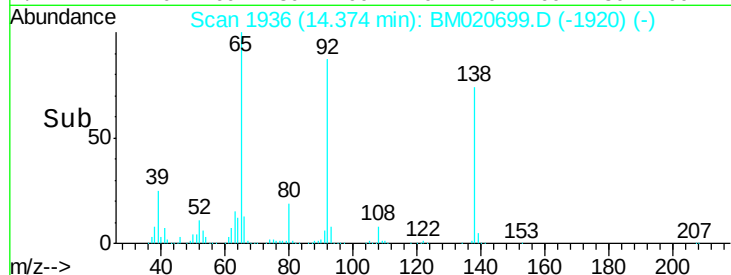
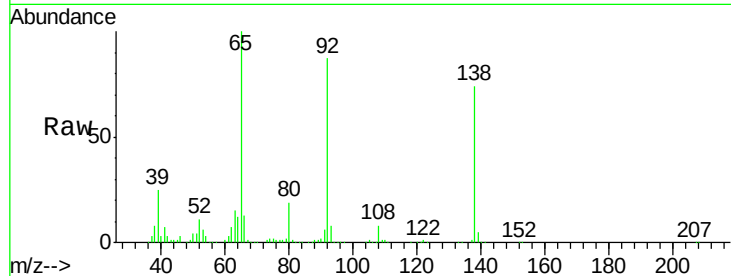
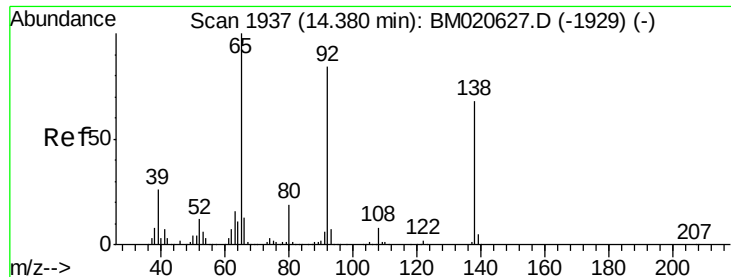
mohammad
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#52
Acenaphthene
Concen: 46.060 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2485633		
153	113.9		92.4	138.6
152	53.7		43.4	65.0





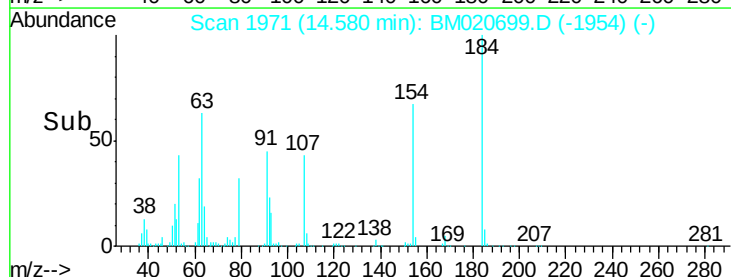
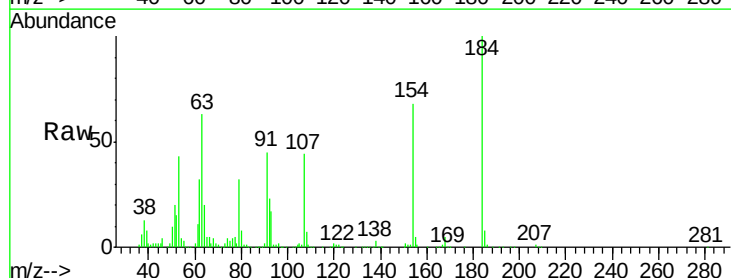
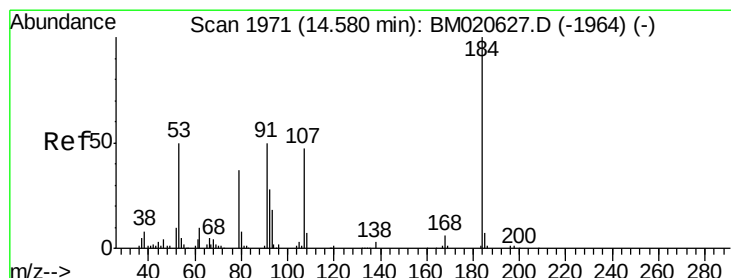
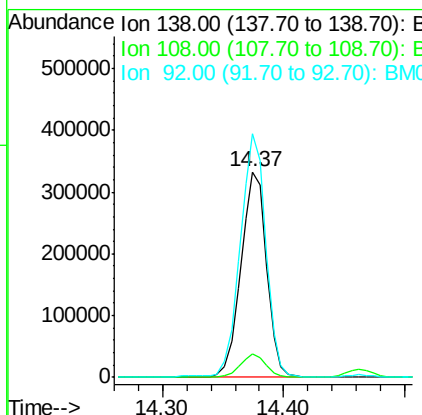
#53
3-Nitroaniline
Concen: 29.647 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tot Ion	Ratio	Resp	Lower	Upper
138	100	494275		
108	11.4	9.5	14.3	
92	118.5	99.6	149.4	

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

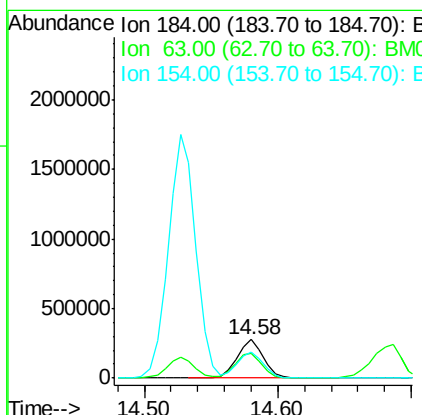
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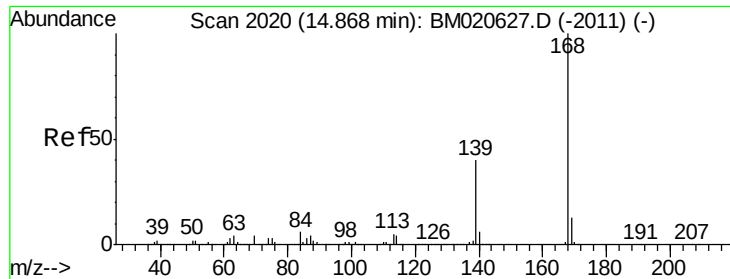
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#54
2,4-Dinitrophenol
Concen: 60.182 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	374012		
63	62.7	59.3	88.9	
154	67.5	56.5	84.7	





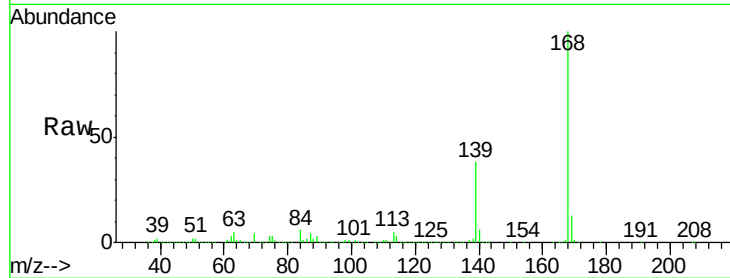
#55
Dibenzofuran
Concen: 47.283 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

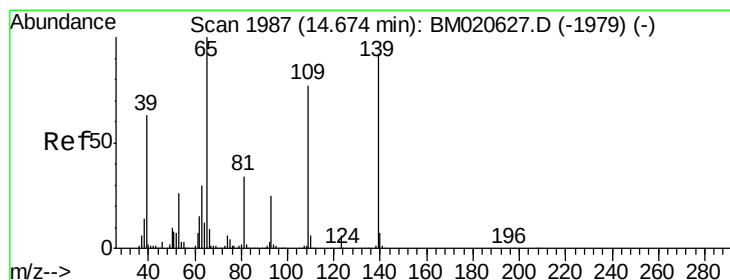
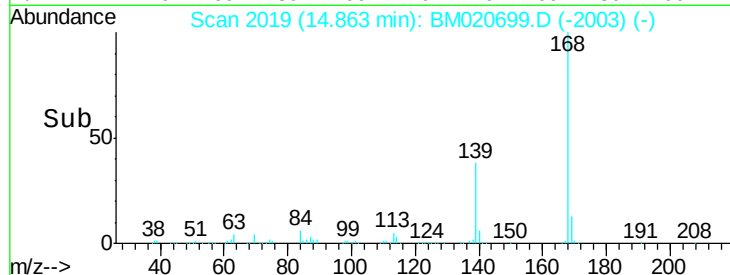
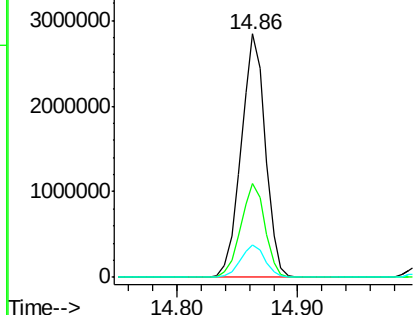
Tot Ion:168 Resp: 3963036
Ion Ratio Lower Upper
168 100
139 38.3 31.9 47.9
169 13.3 10.7 16.1

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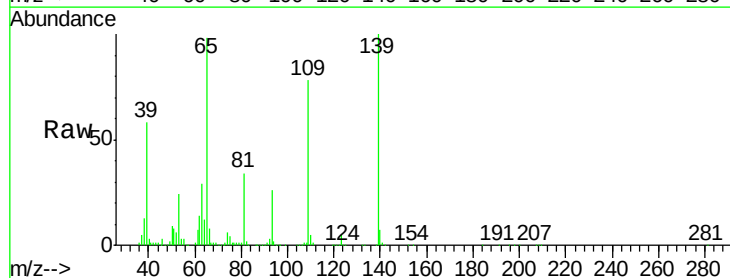


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

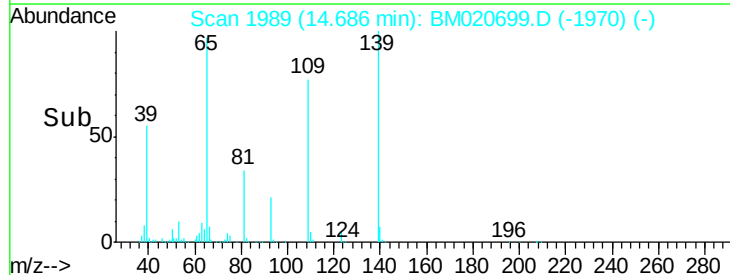
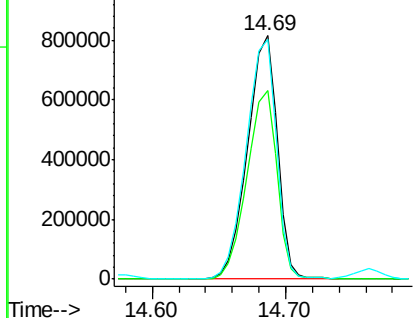


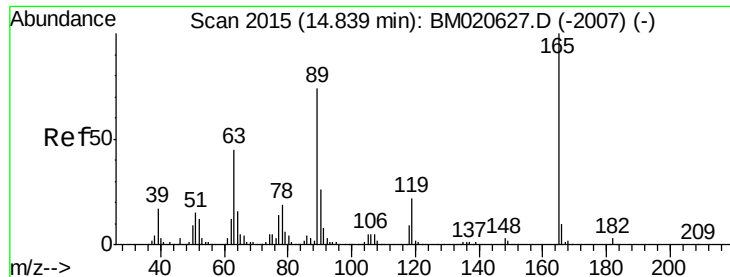
#56
4-Nitrophenol
Concen: 102.003 ng
RT: 14.69 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:139 Resp: 1253167
Ion Ratio Lower Upper
139 100
109 77.6 62.7 102.7
65 98.3 88.3 128.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





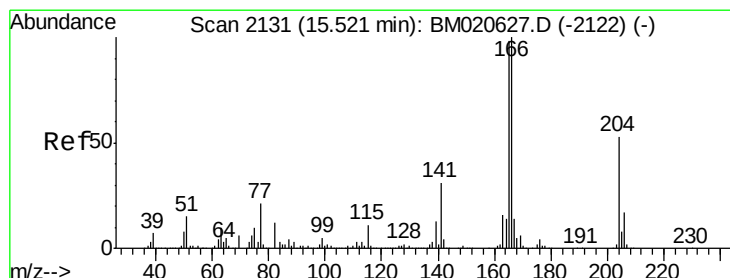
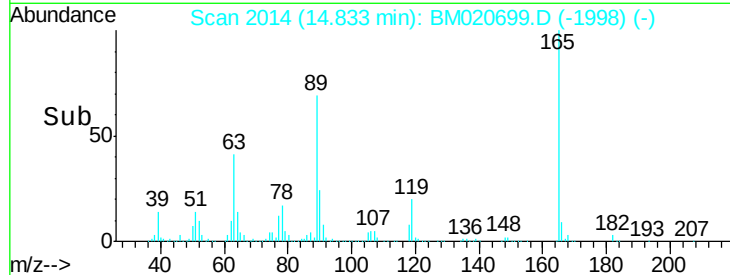
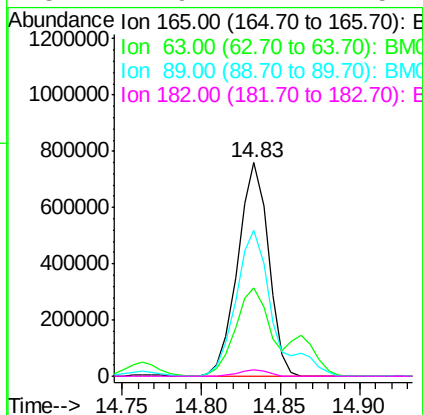
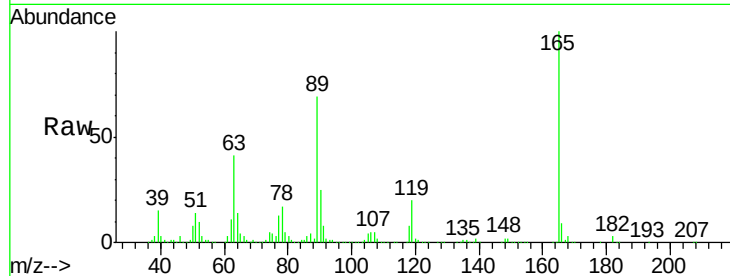
#57
 2,4-Dinitrotoluene
 Concen: 51.394 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	36.3	54.5
89	68.6	59.0	88.6
182	2.9	2.2	3.4

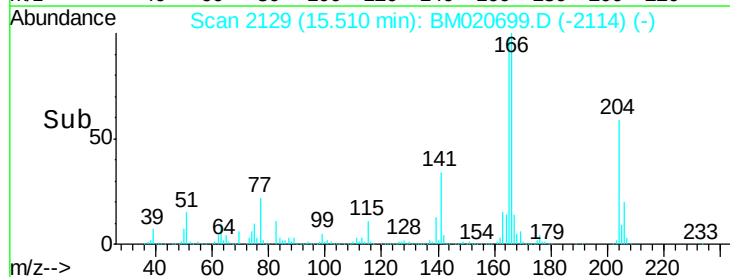
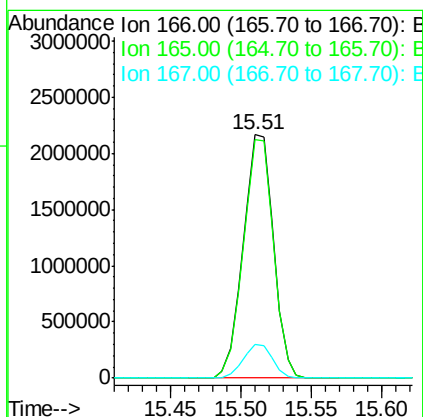
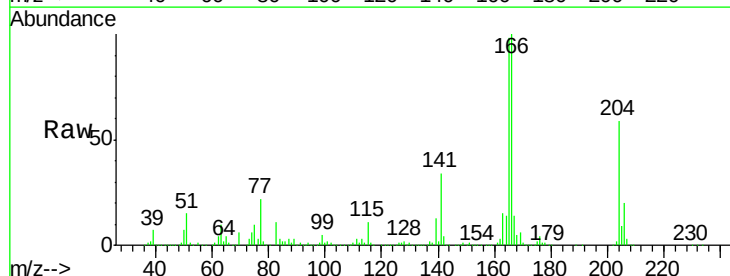
Manual Integrations
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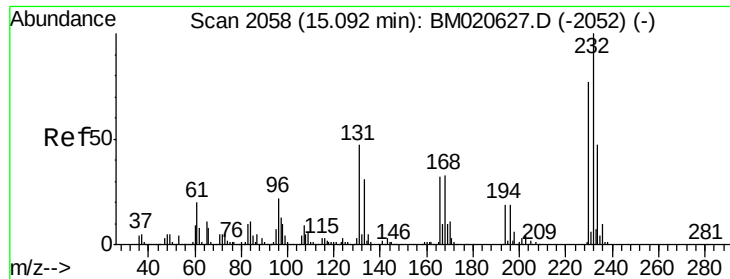
mohammad
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#58
 Fluorene
 Concen: 47.028 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.7	11.0	16.4





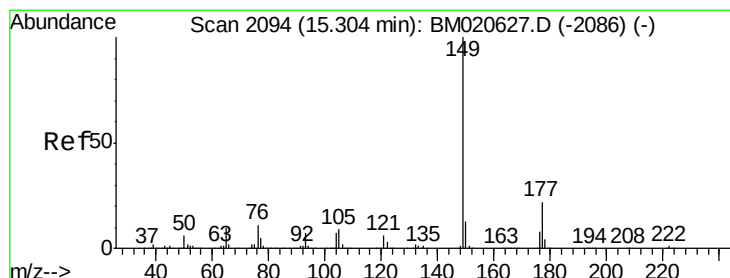
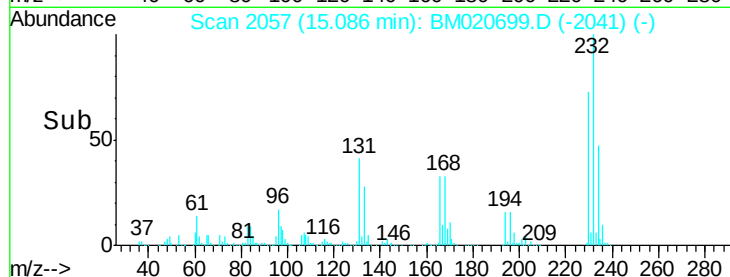
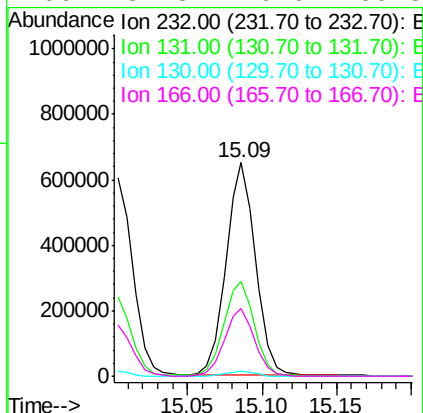
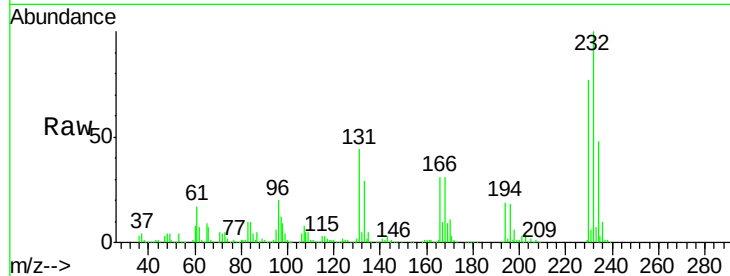
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.774 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:	232	Resp:	894947
Ion Ratio	Lower	Upper	
232	100		
131	45.9	38.6	57.8
130	2.6	2.2	3.2
166	32.3	26.6	39.8

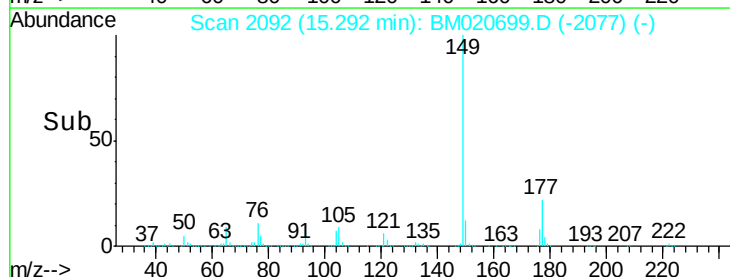
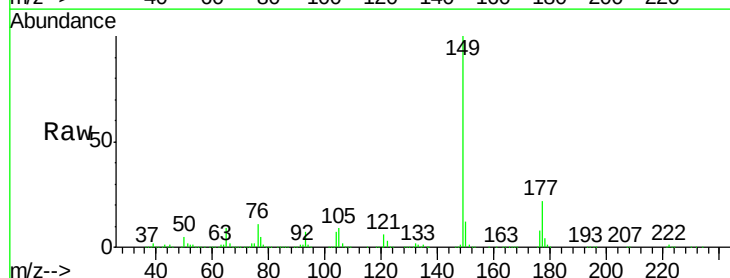
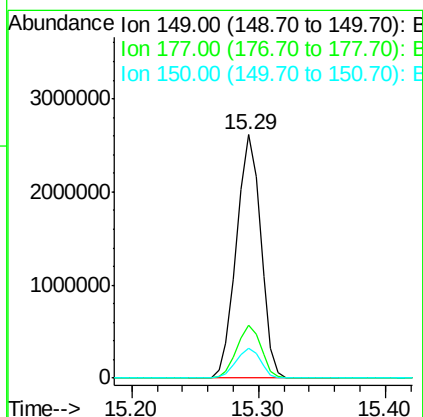
Manual Integrations
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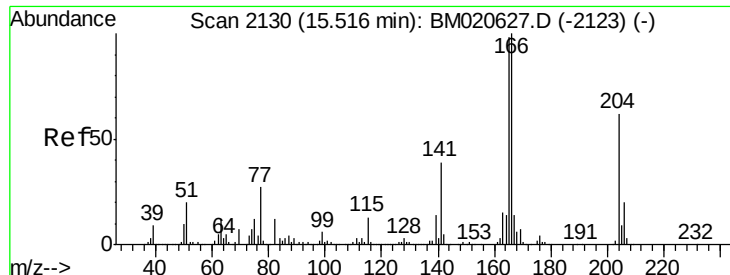
mohammad
6/5/2019 8:46:23 AM



#60
Diethylphthalate
Concen: 45.729 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:	149	Resp:	3469326
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.2	25.8
150	12.3	10.1	15.1





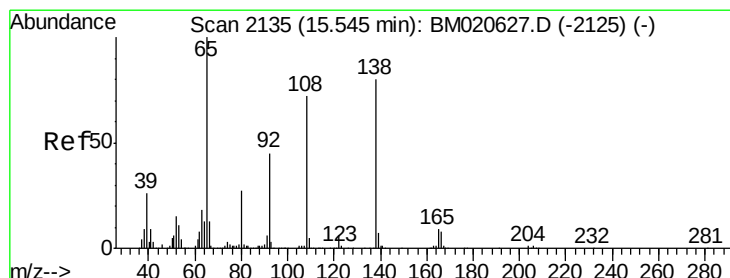
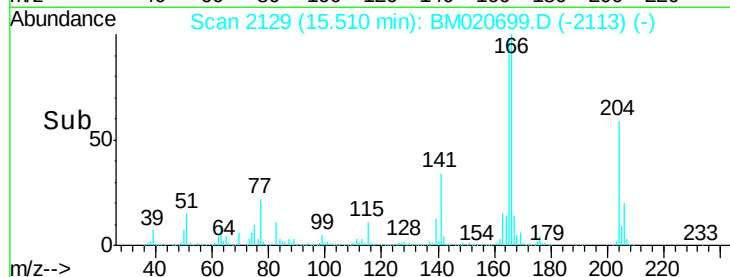
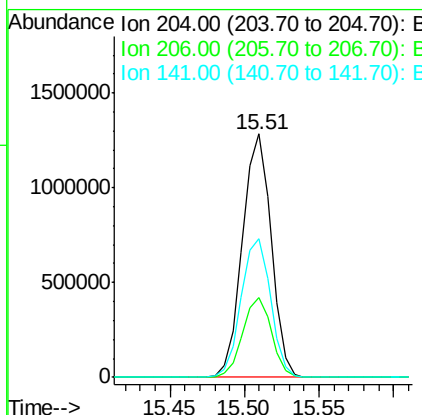
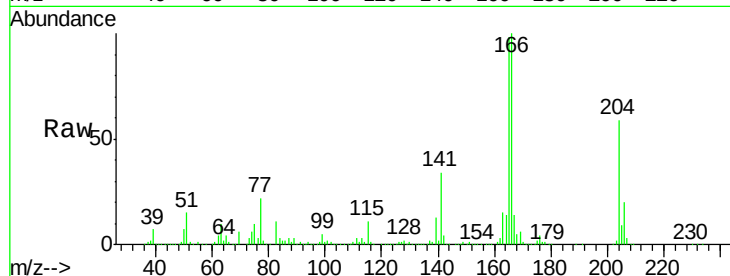
#61
4-Chlorophenyl-phenylether
Concen: 46.827 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:204 Resp: 1708933
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.8
141 57.1 50.2 75.4

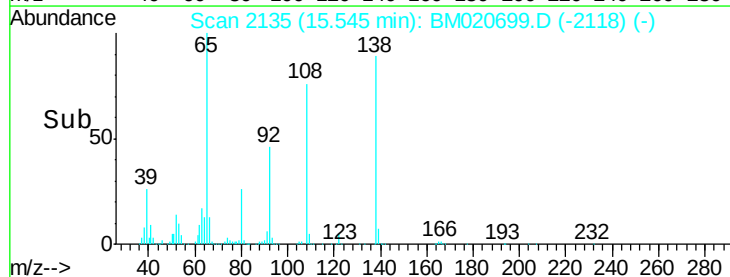
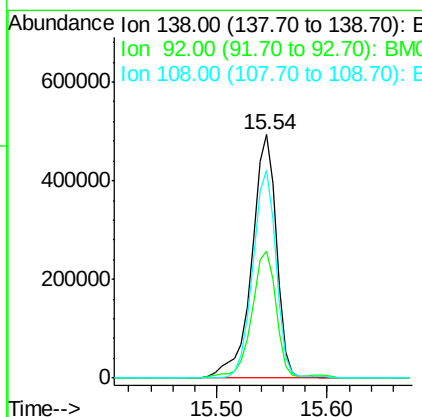
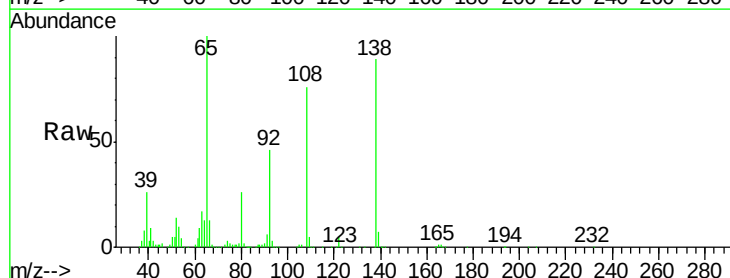
Manual Integrations
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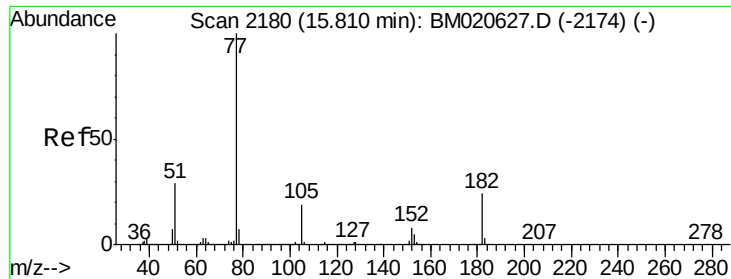
mohammad
6/5/2019 8:46:23 AM



#62
4-Nitroaniline
Concen: 43.928 ng
RT: 15.54 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:138 Resp: 776716
Ion Ratio Lower Upper
138 100
92 52.3 36.7 76.7
108 85.4 70.3 110.3





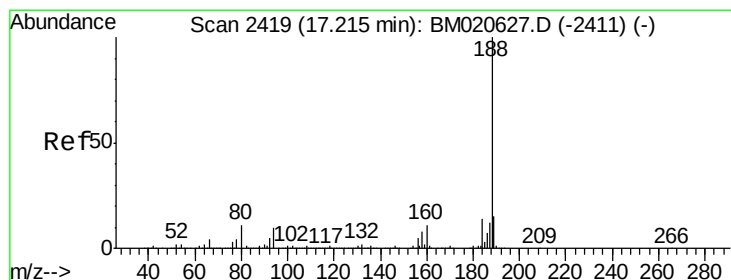
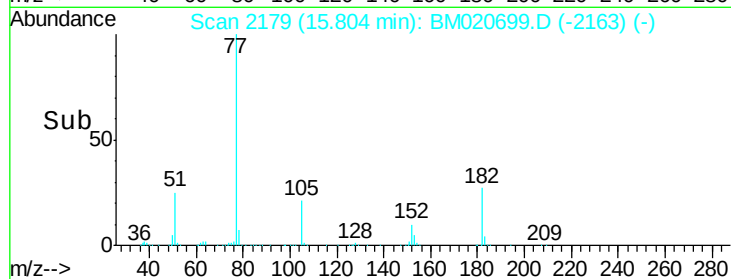
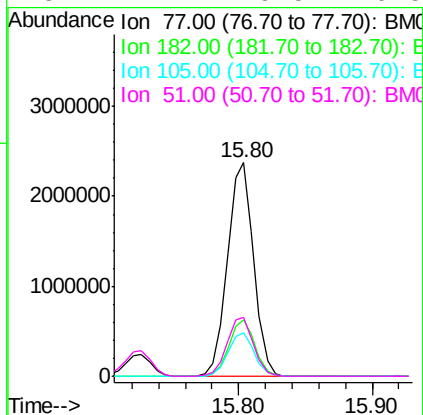
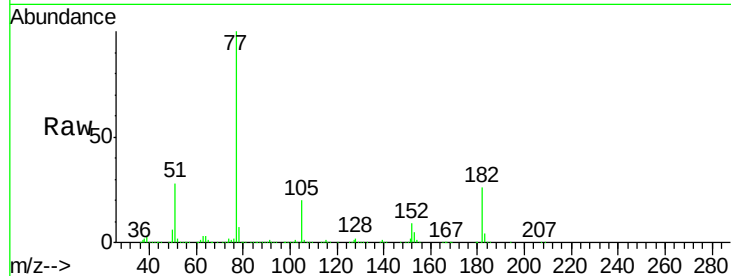
#63
Azobenzene
Concen: 44.592 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	3.6	43.6	
105	20.4	0.0	39.4	
51	27.7	9.5	49.5	

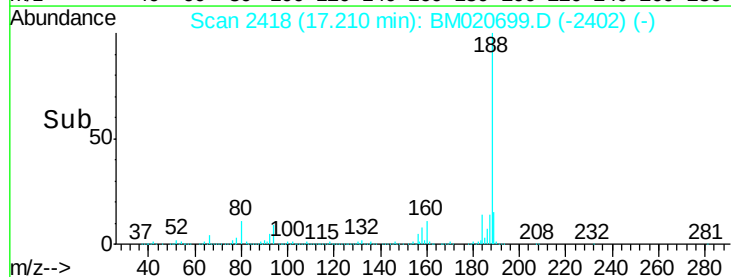
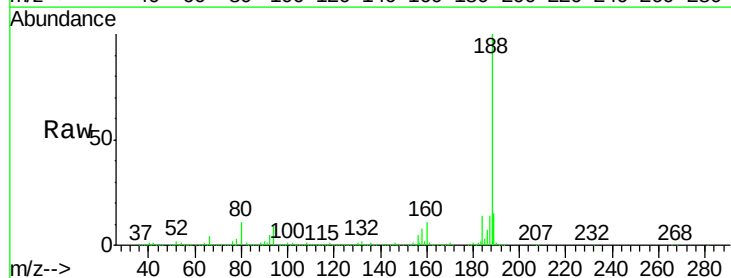
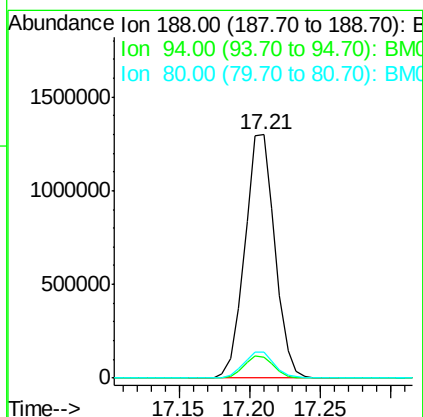
Manual Integrations
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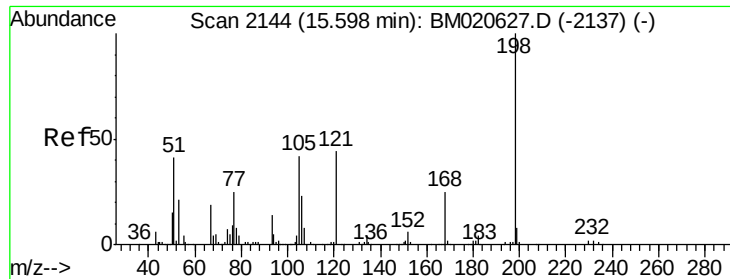
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.8	11.8	
80	10.6	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 44.013 ng

RT: 15.59 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:198 Resp: 377940

Ion Ratio Lower Upper

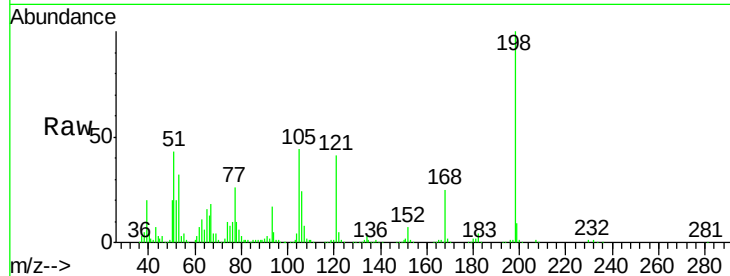
198 100

51 42.7 27.7 67.7

105 44.4 23.8 63.8

Manual Integrations
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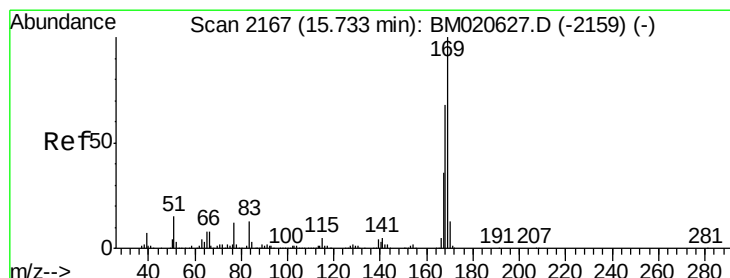
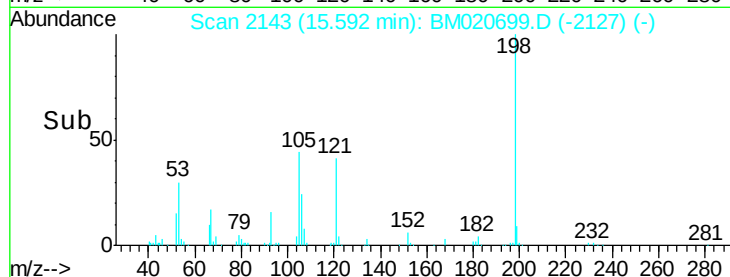
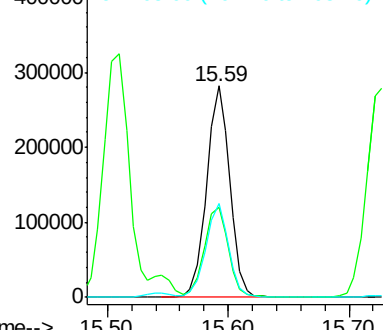
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.749 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

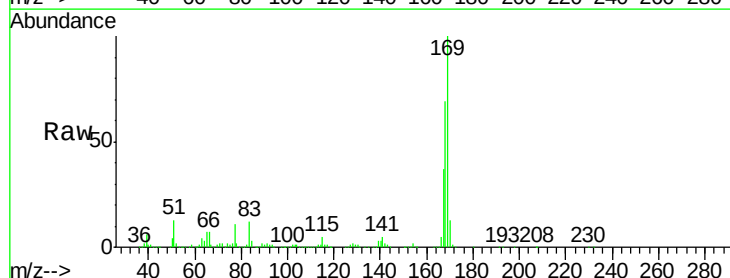
Tgt Ion:169 Resp: 2883002

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.4

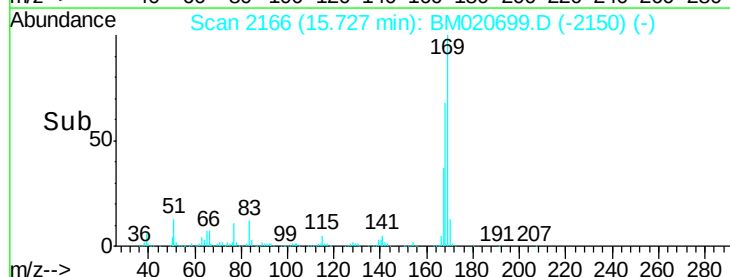
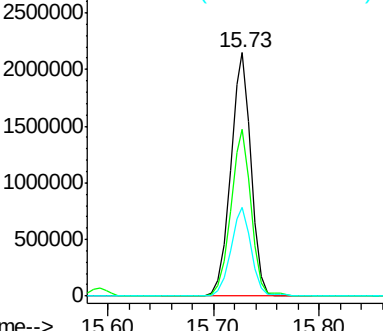
167 36.7 29.1 43.7

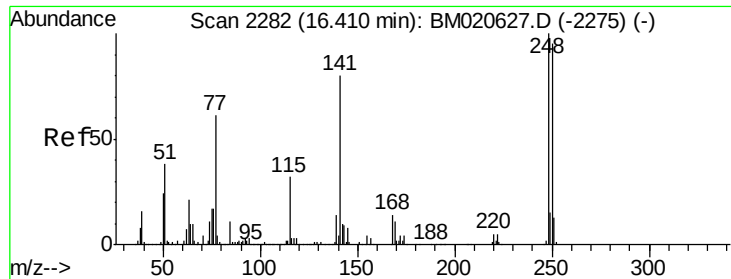


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





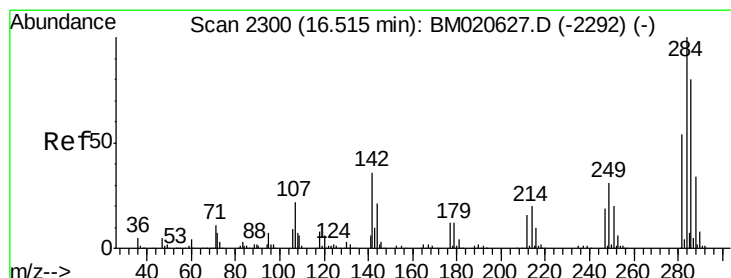
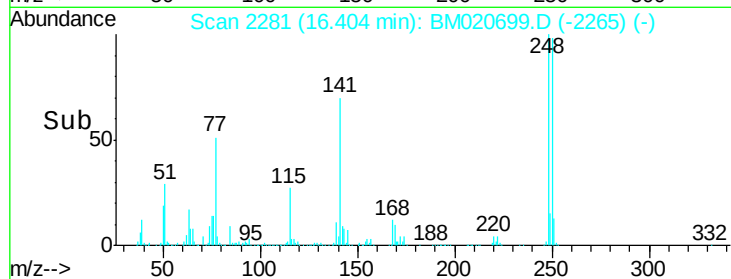
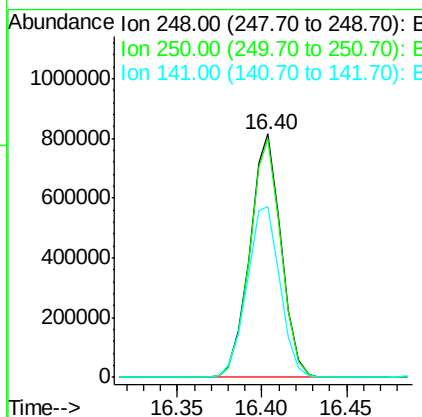
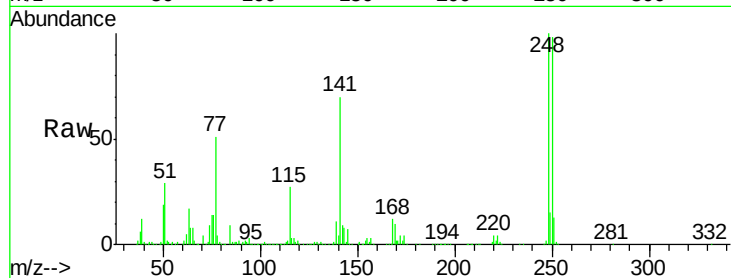
#67
4-Bromophenyl-phenylether
Concen: 45.960 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:248 Resp: 1042444
Ion Ratio Lower Upper
248 100
250 97.9 76.3 114.5
141 70.1 64.2 96.2

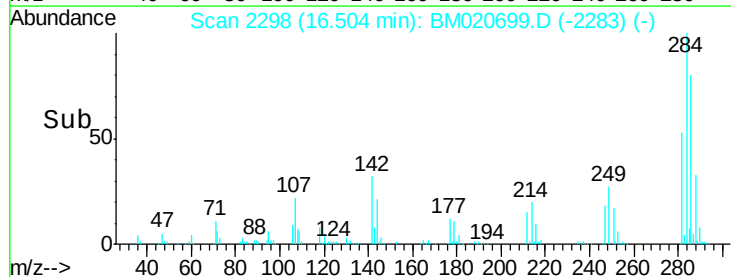
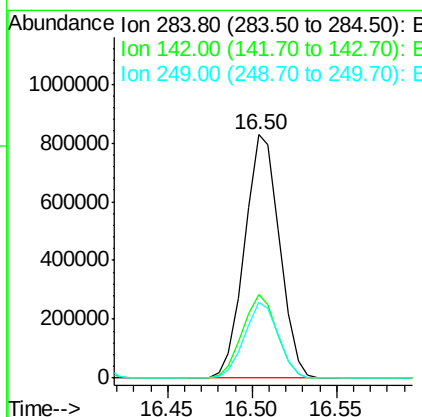
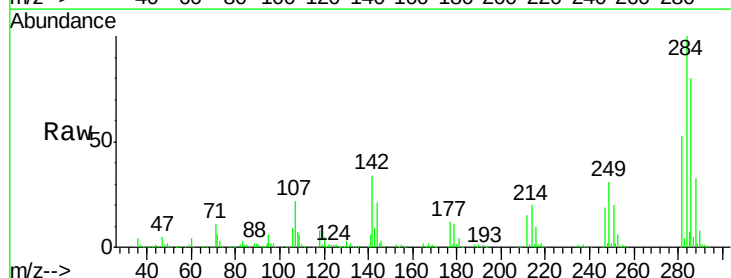
Manual Integrations
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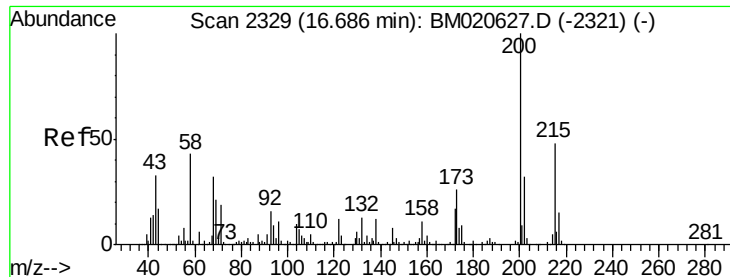
mohammad
6/5/2019 8:46:23 AM



#68
Hexachlorobenzene
Concen: 44.942 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:284 Resp: 1190326
Ion Ratio Lower Upper
284 100
142 34.1 28.6 42.8
249 31.1 25.0 37.4





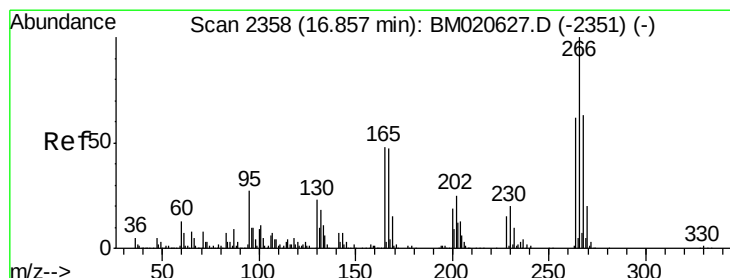
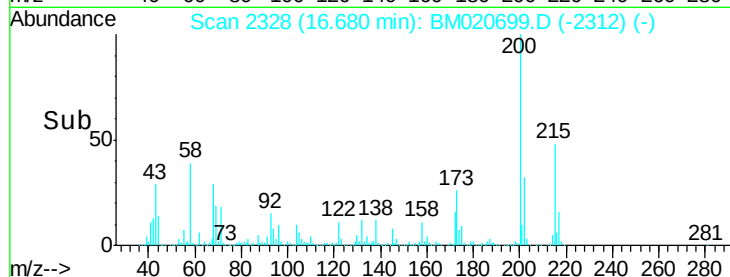
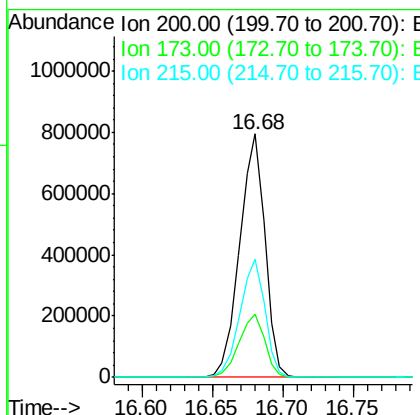
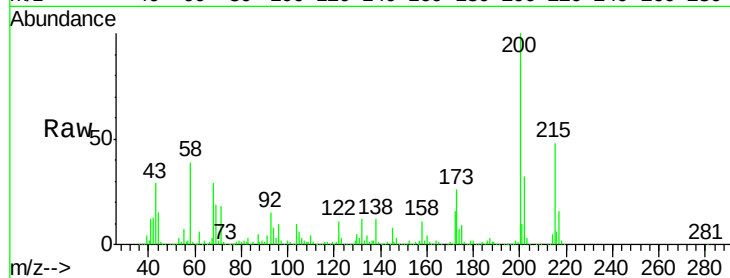
#69
Atrazine
Concen: 54.072 ng
RT: 16.68 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampled :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.2	46.2
215	48.4	27.7	67.7

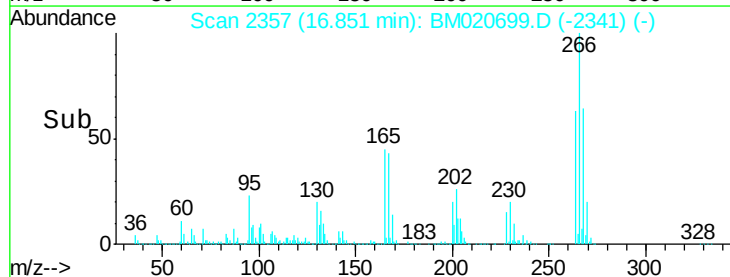
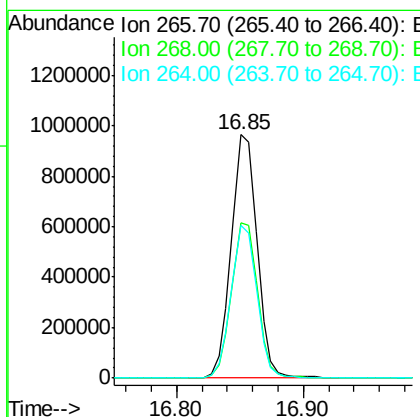
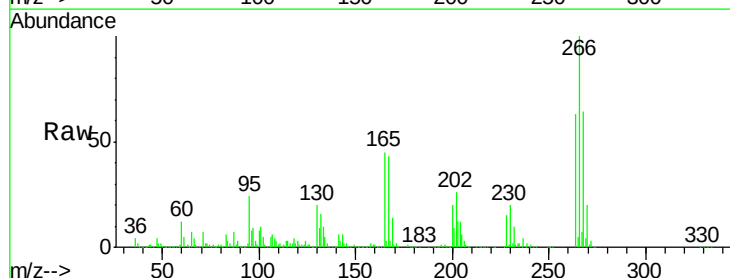
Manual Integrations
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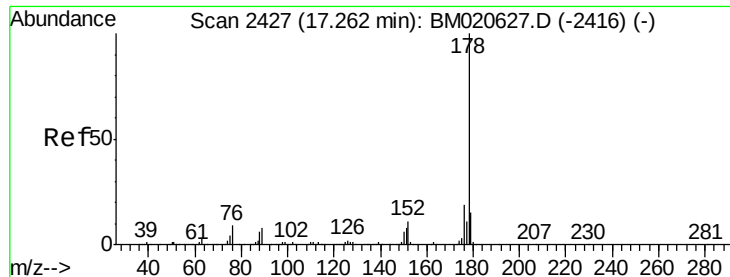
mohammad
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#70
Pentachlorophenol
Concen: 108.080 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	75.8
264	62.7	49.6	74.4





#71

Phenanthrene

Concen: 45.696 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:178 Resp: 4989890

Ion Ratio Lower Upper

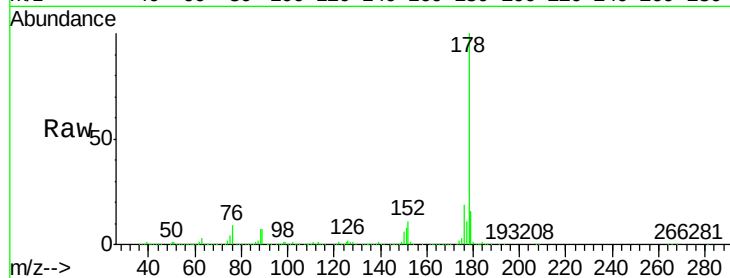
178 100

176 19.4 15.5 23.3

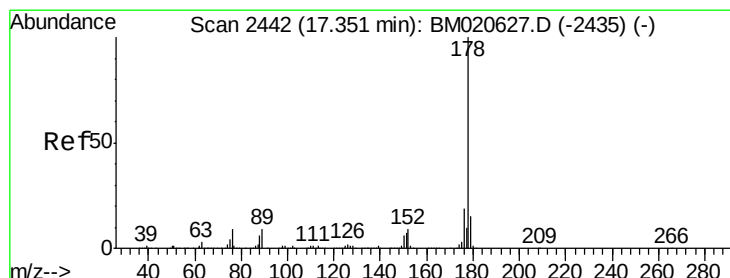
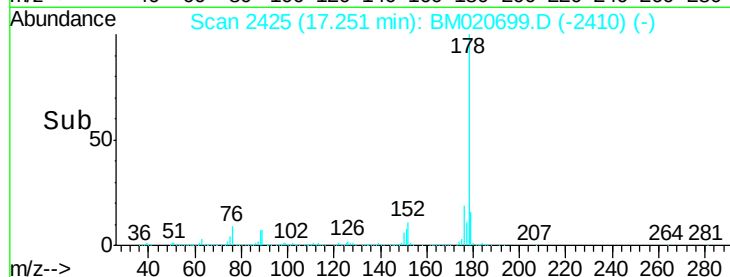
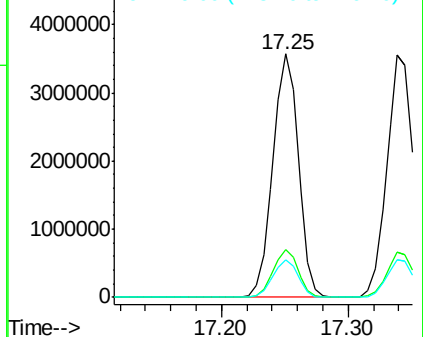
179 15.5 12.2 18.4

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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: 46.821 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

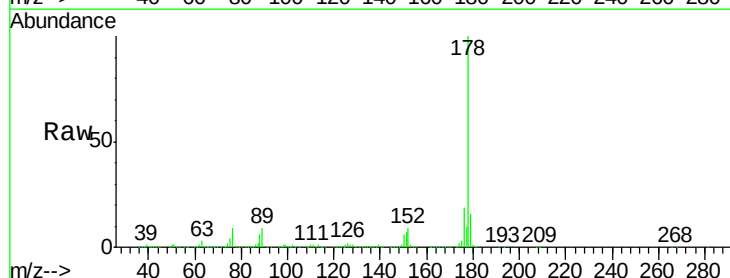
Tgt Ion:178 Resp: 5117193

Ion Ratio Lower Upper

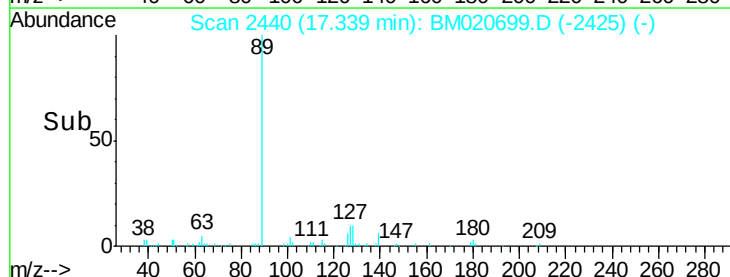
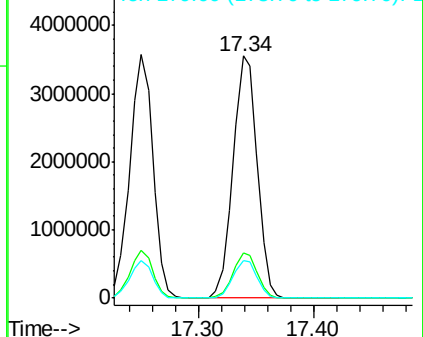
178 100

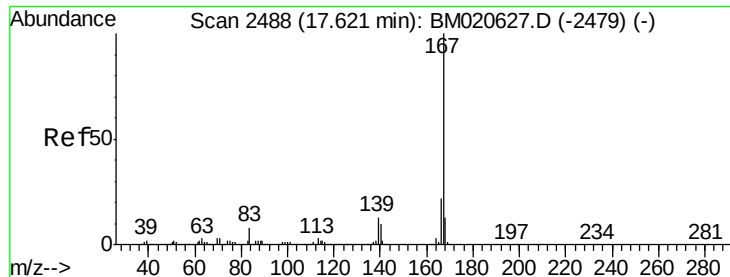
176 18.9 15.1 22.7

179 15.6 12.3 18.5



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





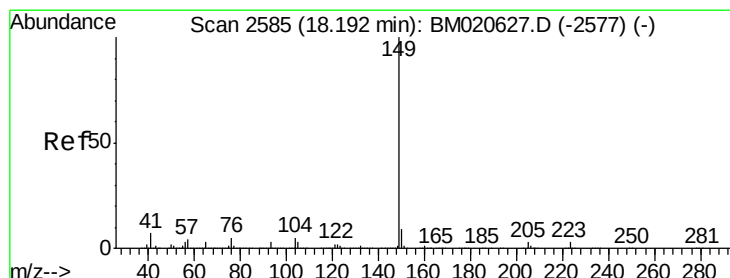
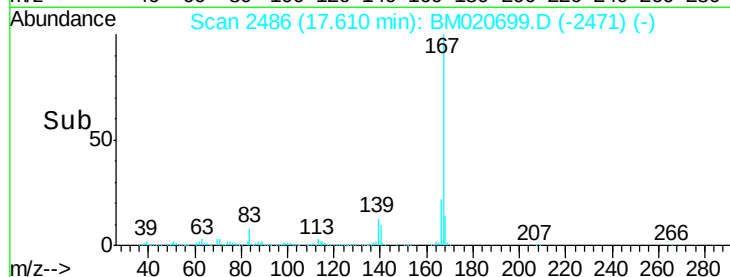
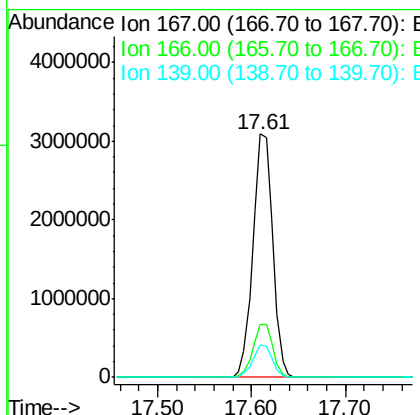
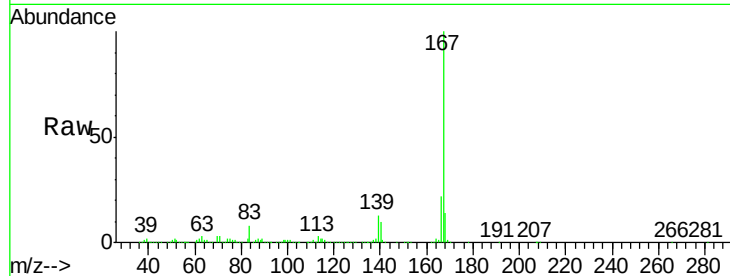
#73
 Carbazole
 Concen: 45.436 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.1	10.6	15.8

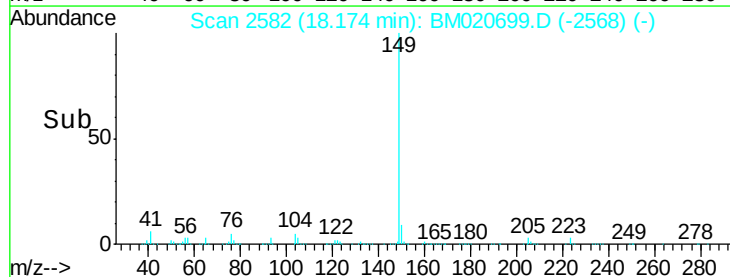
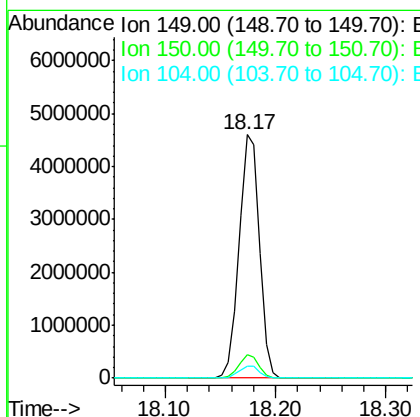
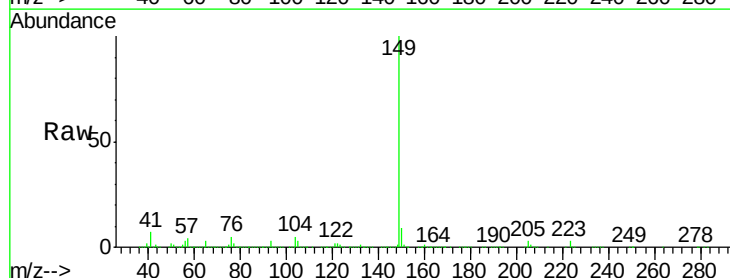
Manual Integrations
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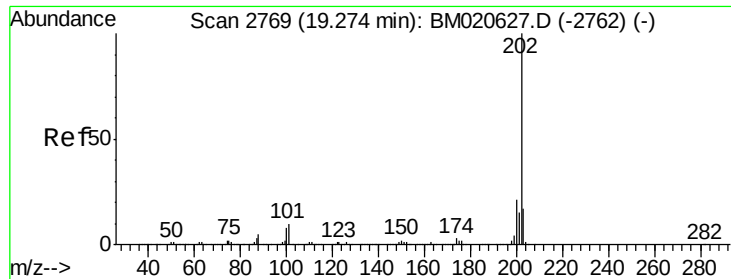
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.272 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 44.667 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

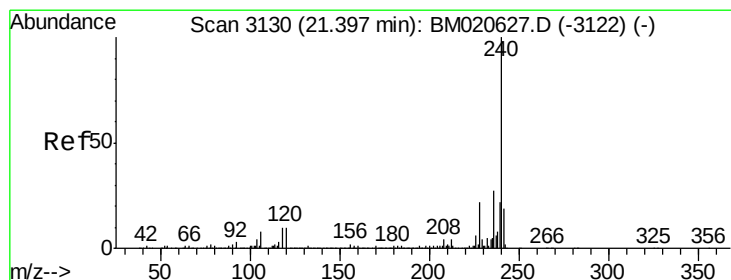
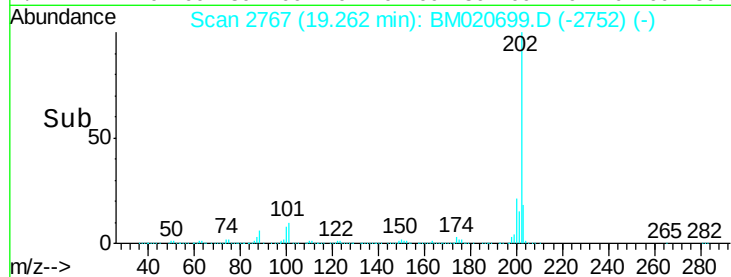
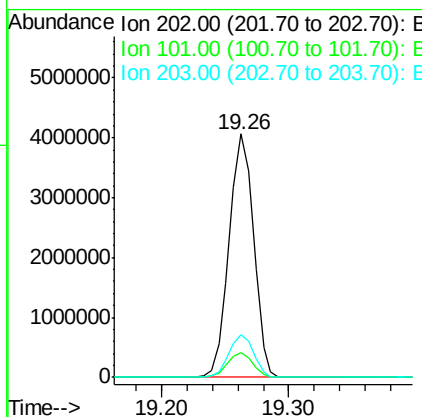
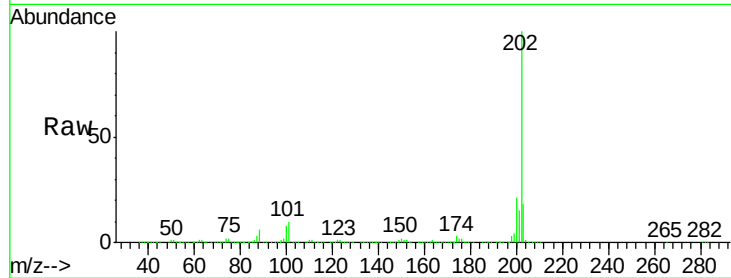
ClientSampleId :

TP-1A-DMSD

Tot Ion:	202	Resp:	5424161
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.7	0.0	37.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

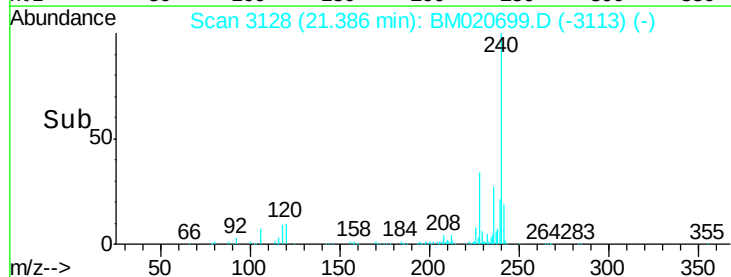
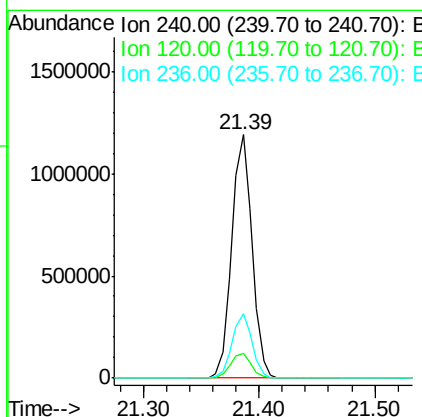
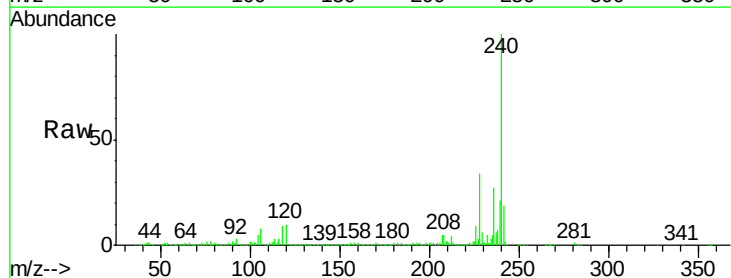
RT: 21.39 min Scan# 3128

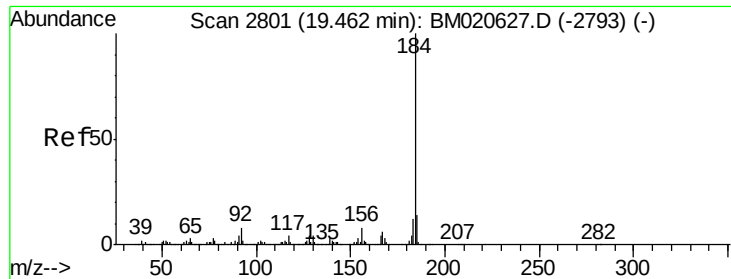
Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:	240	Resp:	1446411
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	26.6	21.2	31.8





#77

Benzidine

Concen: 56.728 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:184 Resp: 2486248

Ion Ratio Lower Upper

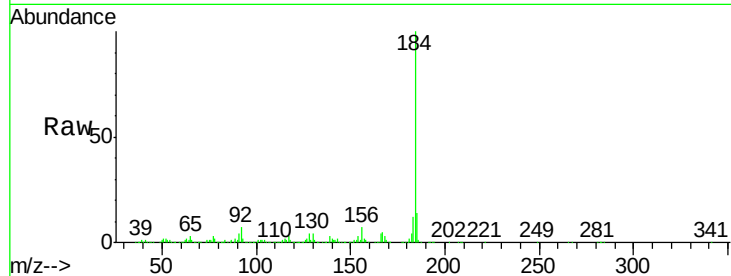
184 100

185 14.1 11.3 16.9

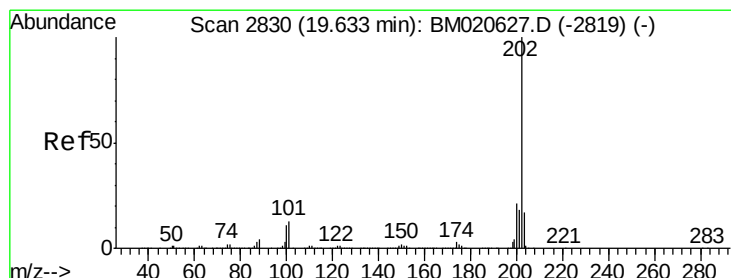
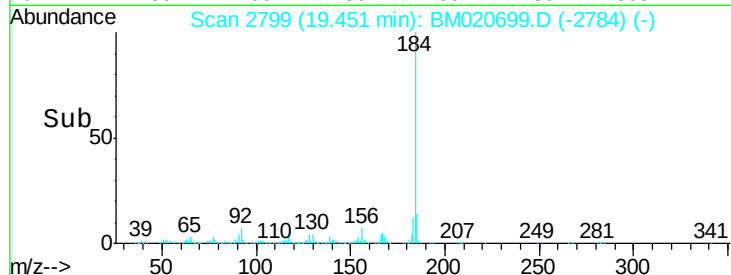
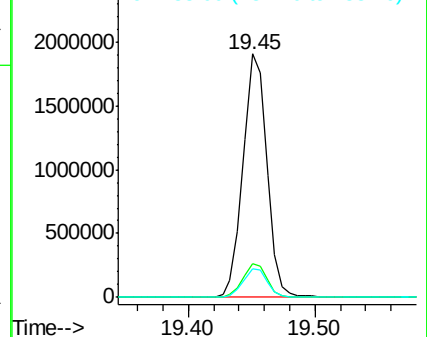
183 12.0 9.8 14.6

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



#78

Pyrene

Concen: 48.320 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

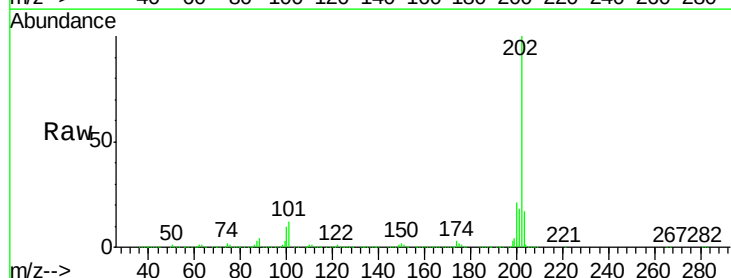
Tgt Ion:202 Resp: 5363350

Ion Ratio Lower Upper

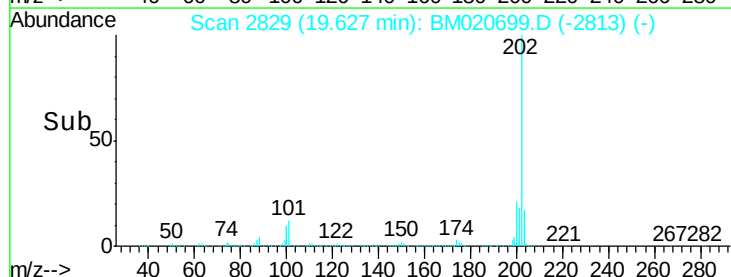
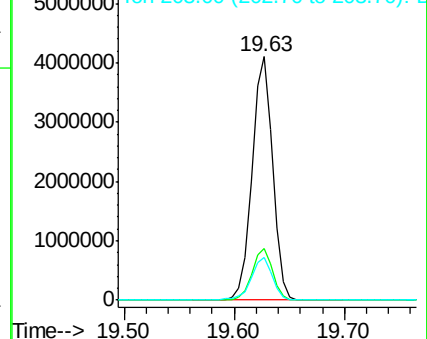
202 100

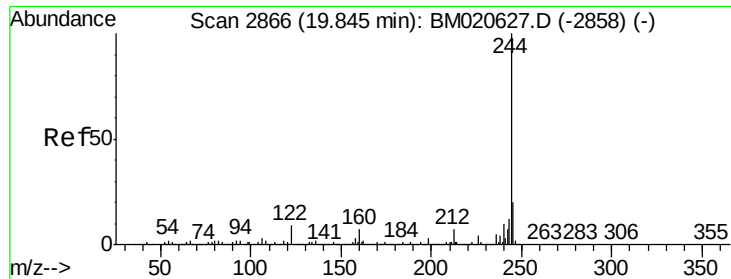
200 21.1 16.8 25.2

203 17.5 13.9 20.9



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





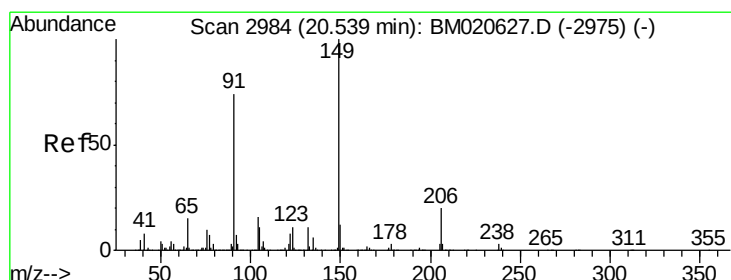
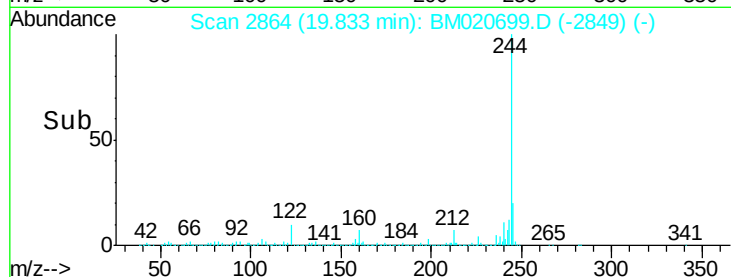
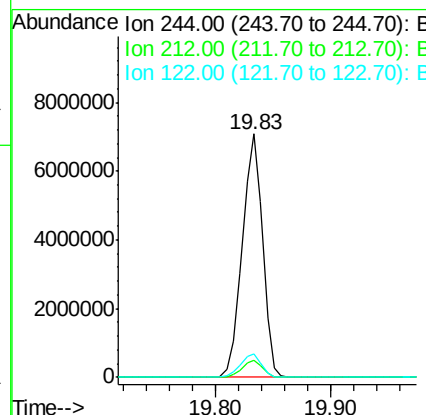
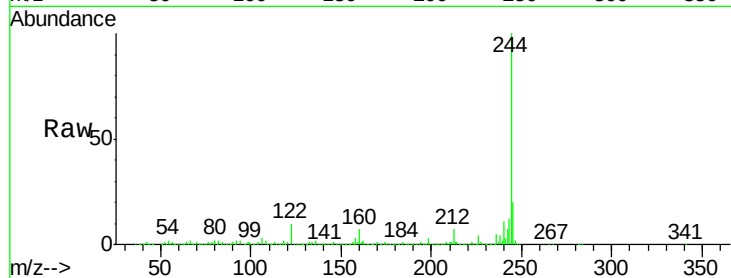
#79
Terphenyl-d14
Concen: 99.342 ng
RT: 19.83 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion:244 Resp: 8590523
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.5 7.2 10.8

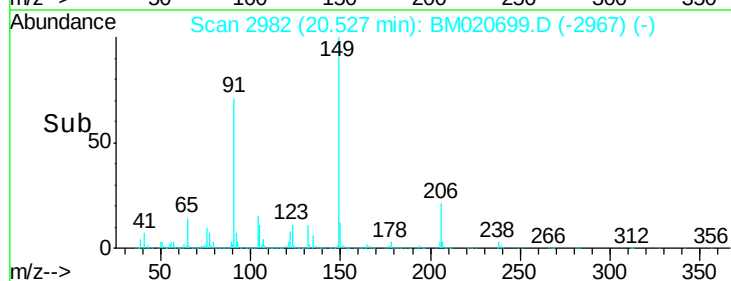
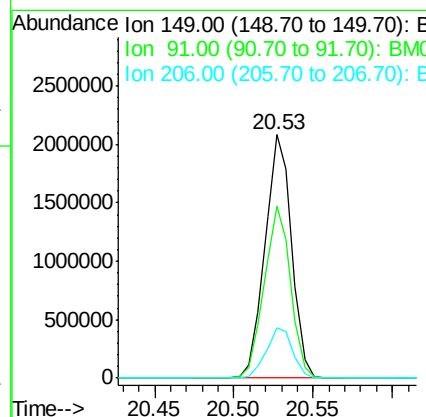
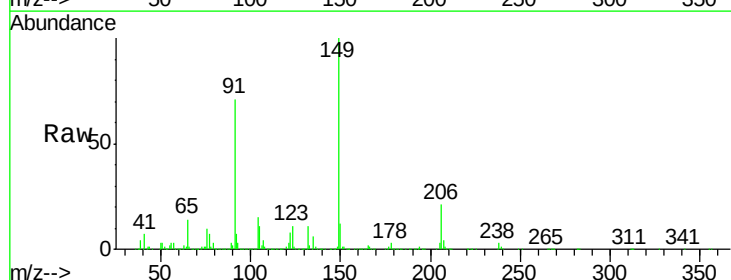
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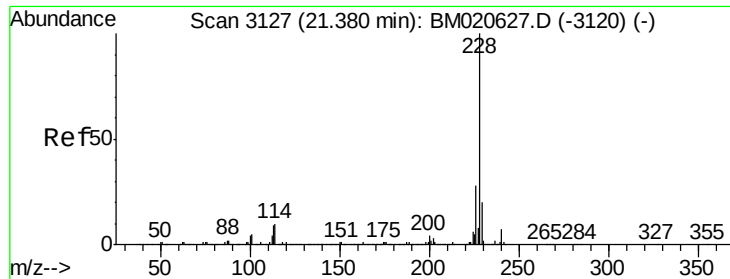
mohammad
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#80
Butylbenzylphthalate
Concen: 52.005 ng
RT: 20.53 min Scan# 2982
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion:149 Resp: 2439383
Ion Ratio Lower Upper
149 100
91 70.6 59.6 89.4
206 20.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.708 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:228 Resp: 4503291

Ion Ratio Lower Upper

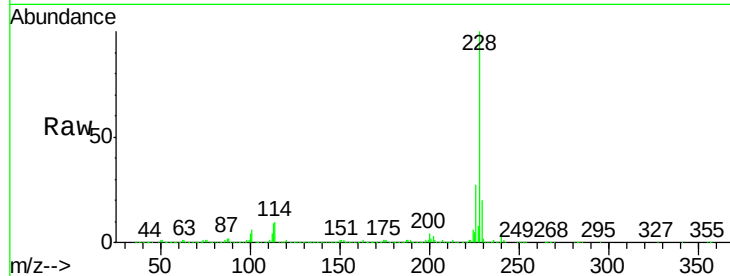
228 100

226 27.5 22.3 33.5

229 19.9 15.9 23.9

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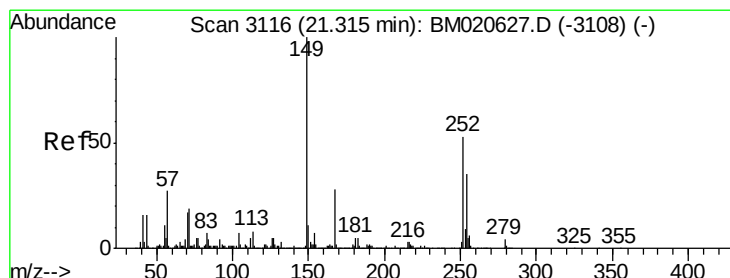
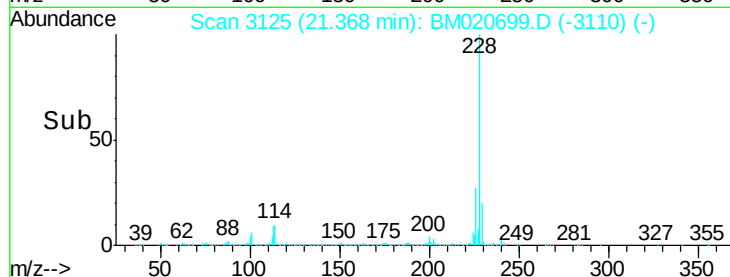
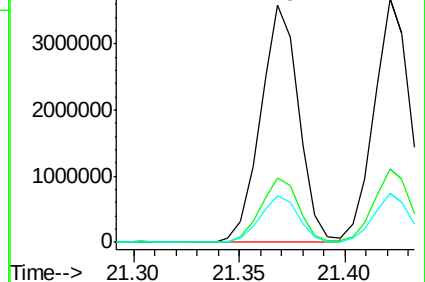
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.366 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

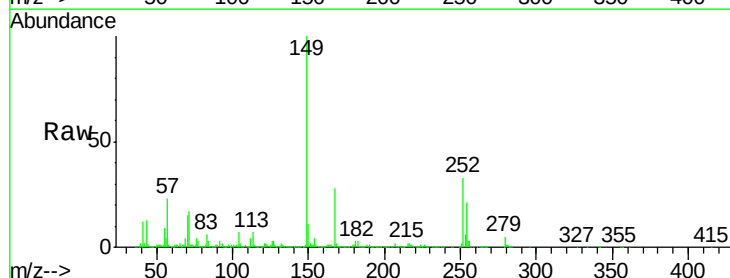
Tgt Ion:252 Resp: 1156944

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

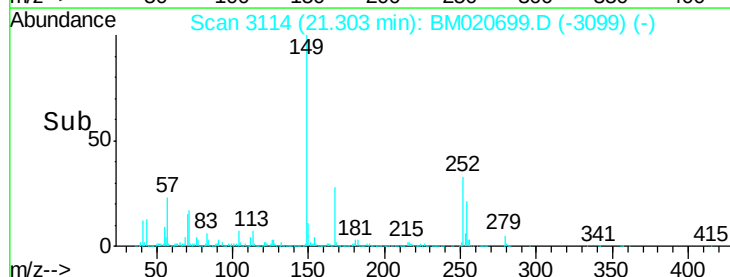
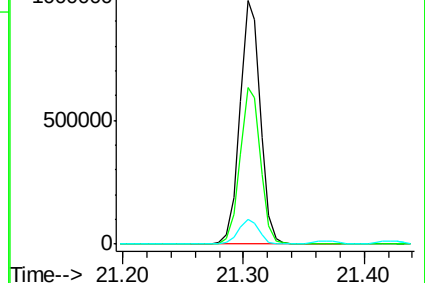
126 10.0 8.0 12.0

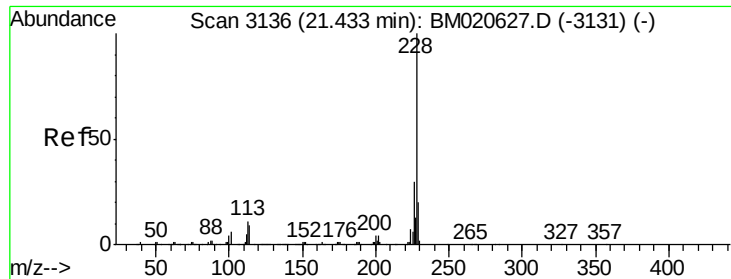


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





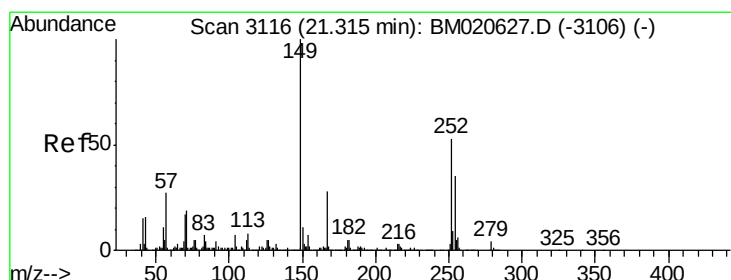
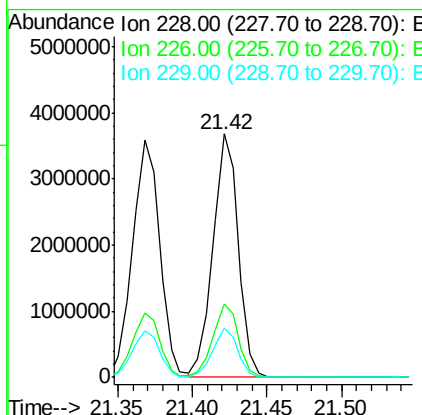
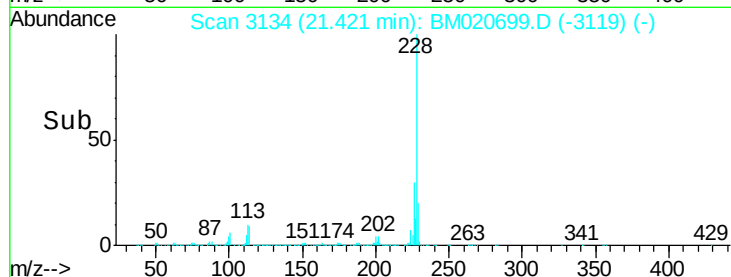
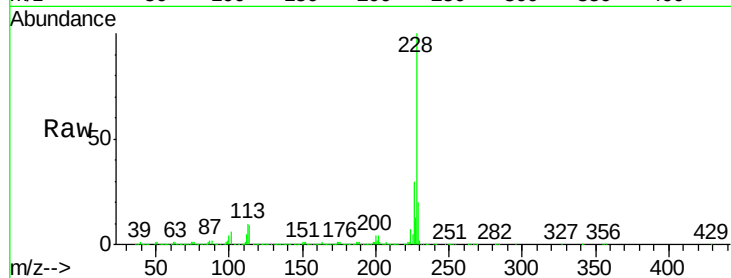
#83
 Chrysene
 Concen: 45.580 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	20.1	15.8	23.6

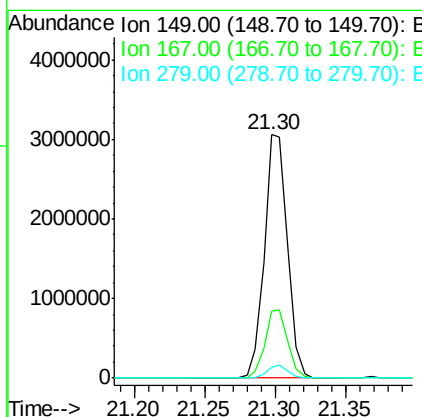
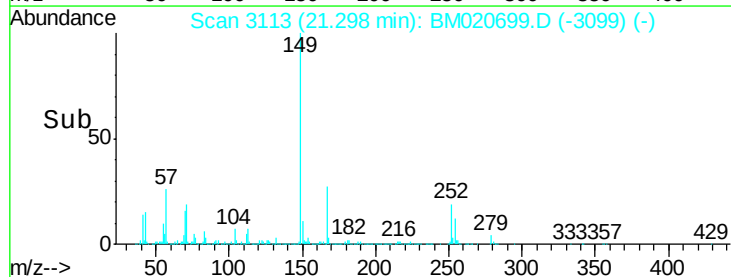
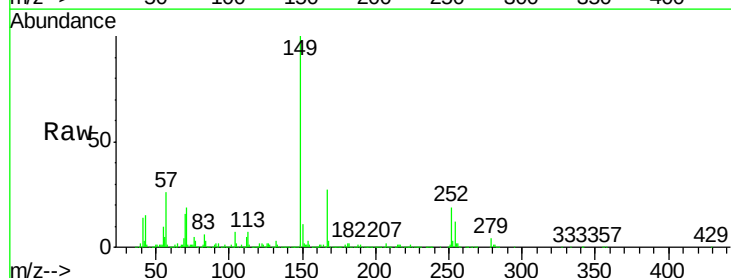
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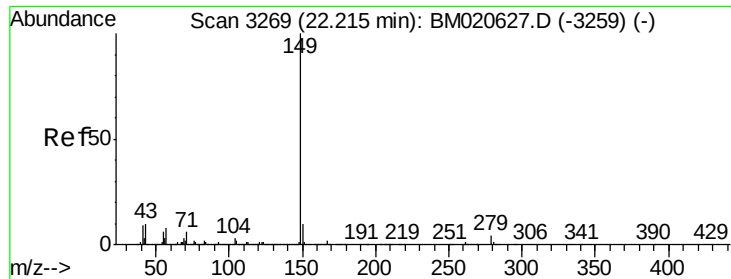
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.498 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020699.D
 Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	4.3	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 50.818 ng

RT: 22.20 min Scan# 3266

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:149 Resp: 5500259

Ion Ratio Lower Upper

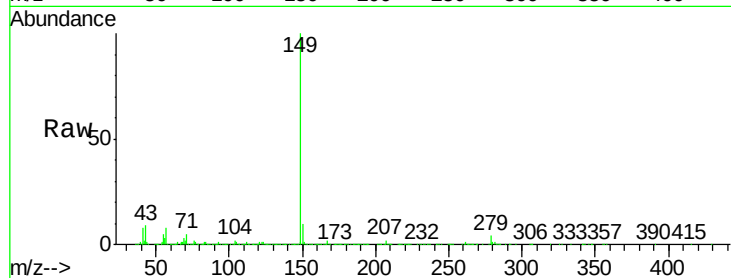
149 100

167 1.5 1.3 1.9

43 9.3 8.2 12.4

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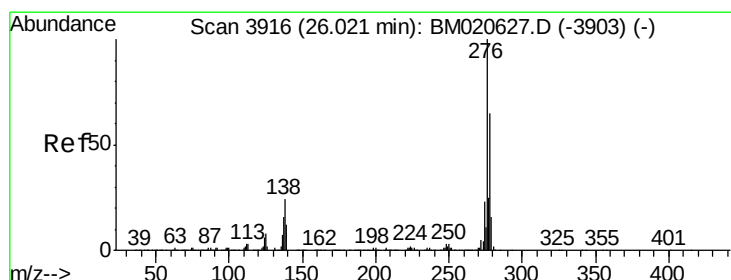
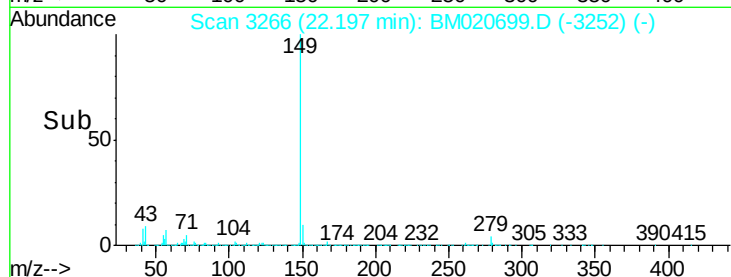
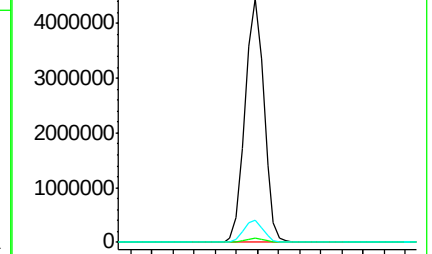
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.499 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

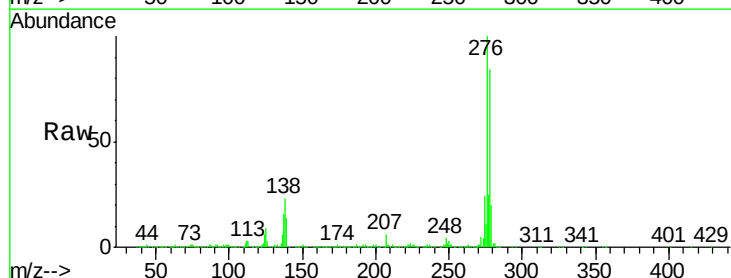
Tgt Ion:276 Resp: 5044513

Ion Ratio Lower Upper

276 100

138 23.8 19.8 29.8

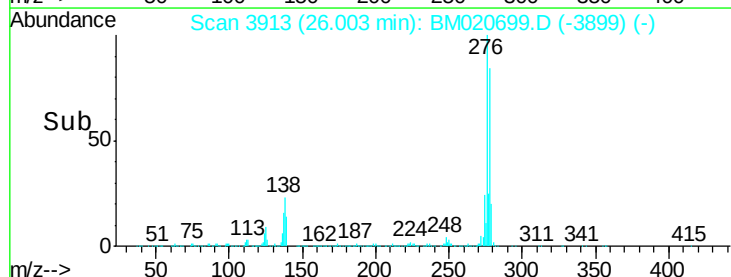
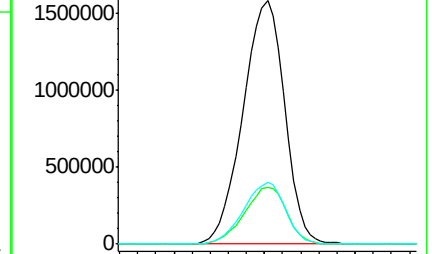
277 25.3 20.2 30.4

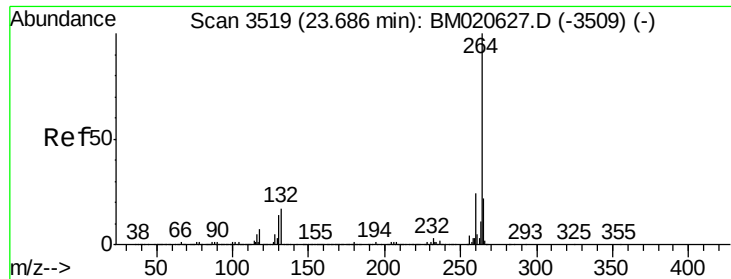


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





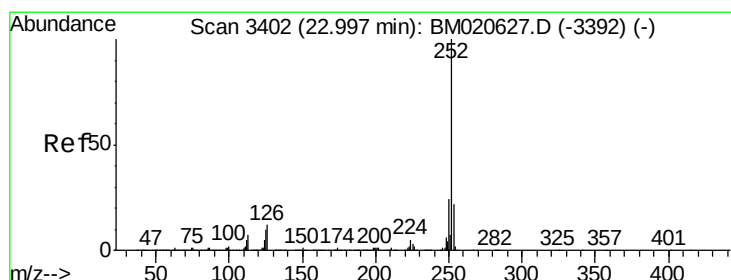
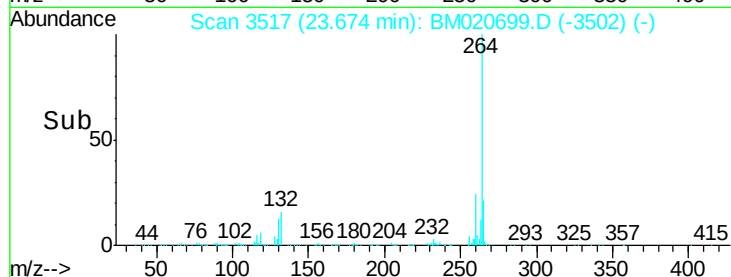
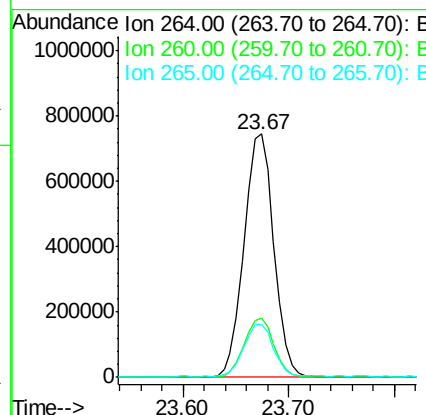
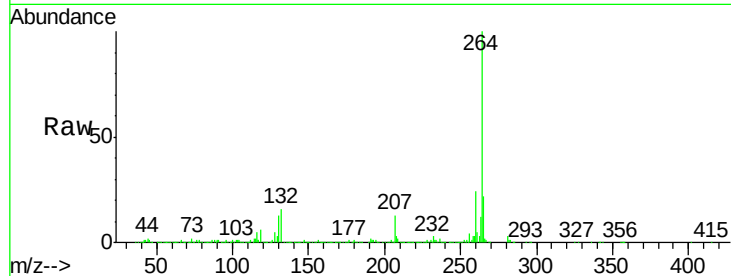
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.6	26.4

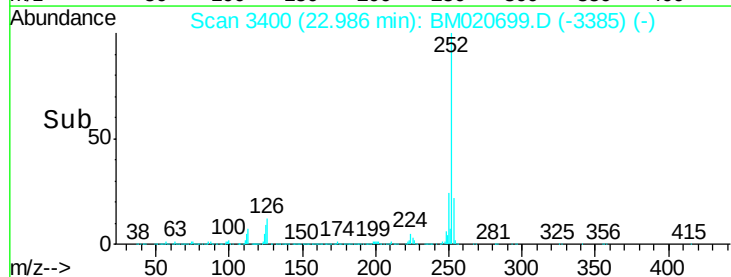
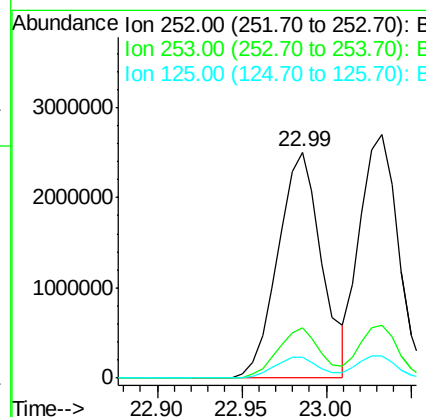
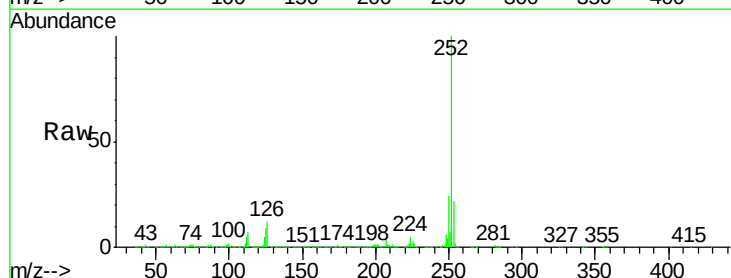
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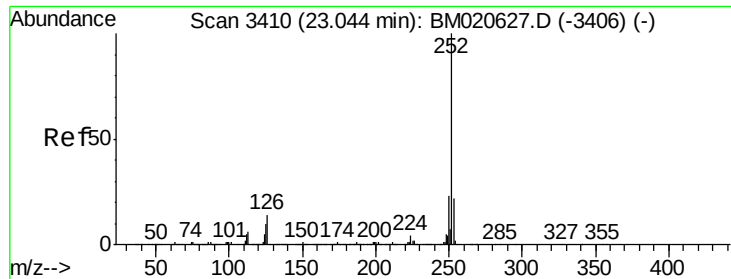
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.667 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM020699.D
Acq: 04 Jun 2019 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.3	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 45.171 ng

RT: 23.03 min Scan# 3408

Delta R.T. -0.01 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:252 Resp: 4255473

Ion Ratio Lower Upper

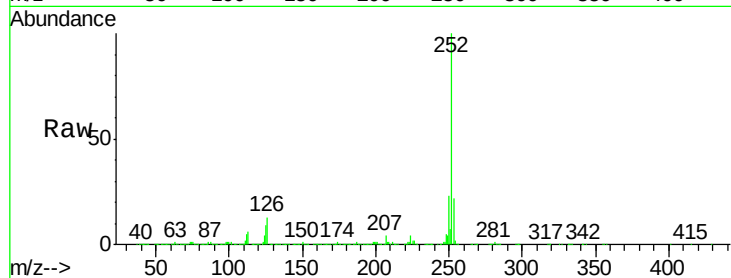
252 100

253 21.8 17.4 26.2

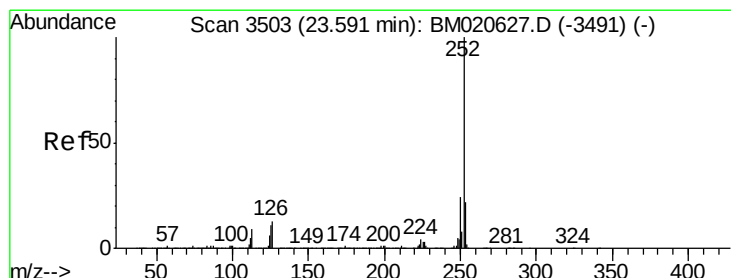
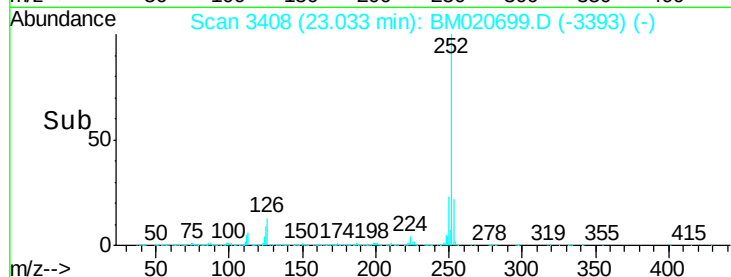
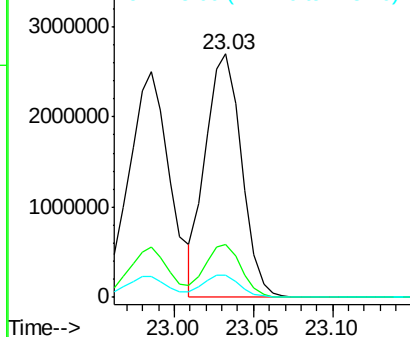
125 9.1 7.8 11.8

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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



#90

Benzo(a)pyrene

Concen: 47.927 ng

RT: 23.57 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Tgt Ion:252 Resp: 4190758

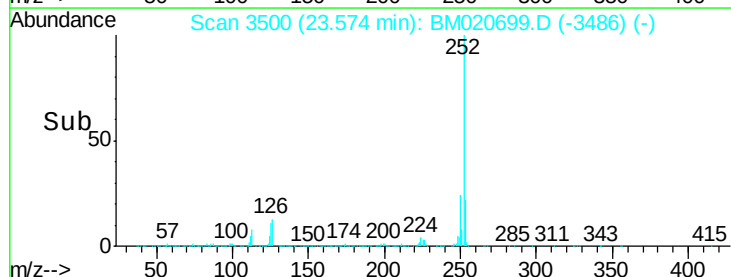
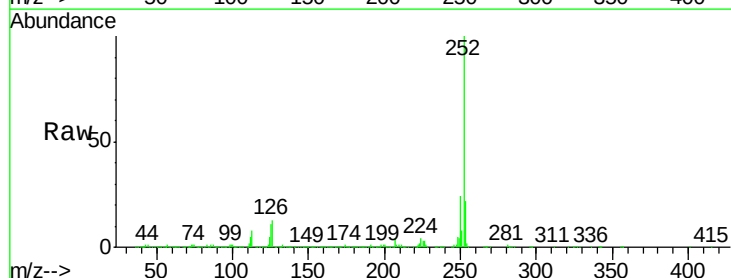
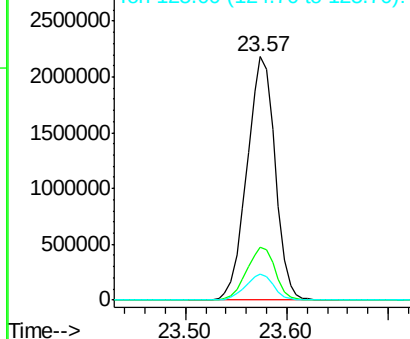
Ion Ratio Lower Upper

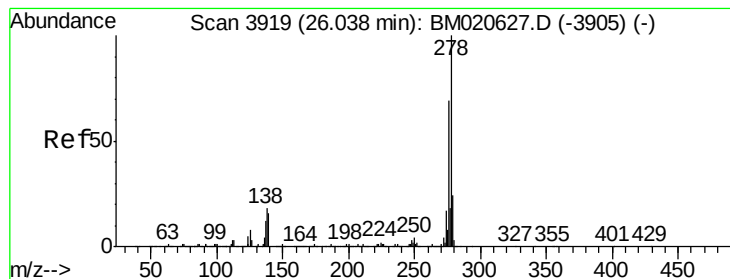
252 100

253 21.9 17.5 26.3

125 10.6 8.6 13.0

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





#91

Dibenzo(a,h)anthracene

Concen: 50.186 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMSD

Tot Ion:278 Resp: 4257445

Ion Ratio Lower Upper

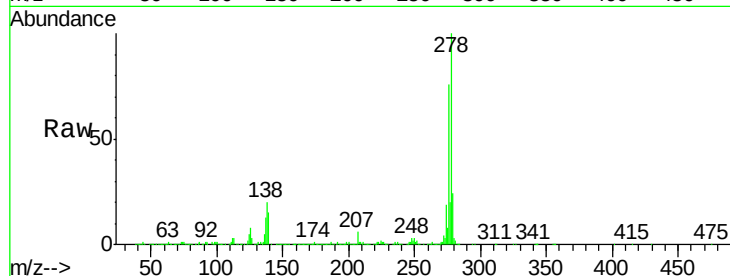
278 100

139 15.1 12.6 18.8

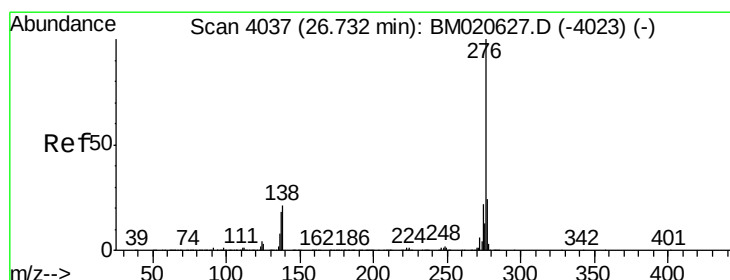
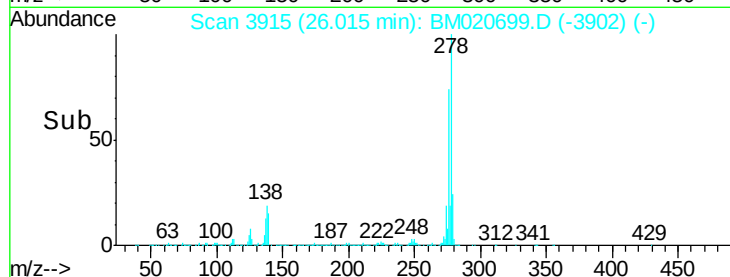
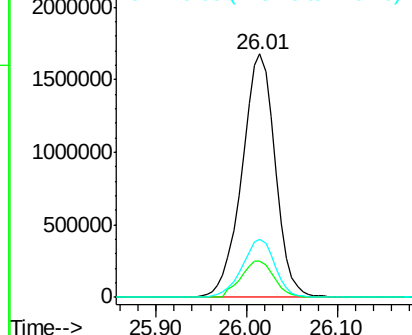
279 23.8 19.0 28.6

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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: 51.825 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020699.D

Acq: 04 Jun 2019 10:42

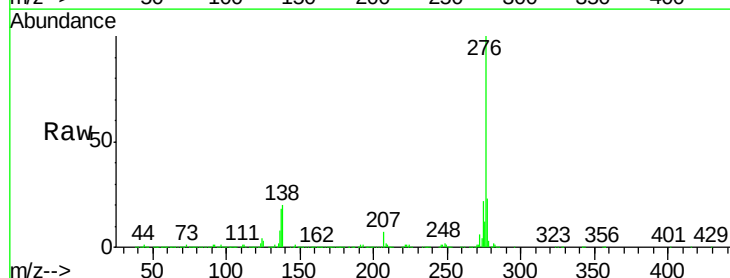
Tgt Ion:276 Resp: 4083609

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 19.9 17.0 25.4



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

