

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020756.D
 Acq On : 06 Jun 2019 03:06
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:22:19 AM

Quant Time: Jun 06 04:11:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	308698	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1328356	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	718294	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1497710	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1356680	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1539876	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1396233	79.56	ng	-0.01
7) Phenol-d6	6.99	99	1942281	75.17	ng	0.00
23) Nitrobenzene-d5	8.99	82	2018657	78.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.94	330	748209	84.07	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	4482643	82.97	ng	-0.01
79) Terphenyl-d14	19.83	244	5966412	73.56	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	283804	39.500	ng	94
3) Pyridine	3.74	79	893192	39.073	ng	96
4) n-Nitrosodimethylamine	3.66	42	342278	34.734	ng	90
6) Aniline	7.16	93	1374505	36.762	ng	97
8) 2-Chlorophenol	7.39	128	846244	38.762	ng	97
9) Benzaldehyde	6.97	77	572822	37.424	ng	95
10) Phenol	7.01	94	1042310	37.430	ng	98
11) bis(2-Chloroethyl)ether	7.25	93	827054	37.267	ng	96
12) 1,3-Dichlorobenzene	7.71	146	992972	39.575	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1009353	39.571	ng	99
14) 1,2-Dichlorobenzene	8.17	146	976359	39.333	ng	99
15) Benzyl Alcohol	8.06	79	793354	34.705	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1130101	32.983	ng	99
17) 2-Methylphenol	8.26	107	713148	36.419	ng	98
18) Hexachloroethane	8.89	117	366485	37.527	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	691751	33.303	ng	95
20) 3+4-Methylphenols	8.59	107	961114	36.075	ng	98
22) Acetophenone	8.65	105	1306772	38.725	ng	# 96
24) Nitrobenzene	9.03	77	1011900	38.662	ng	97
25) Isophorone	9.55	82	1801129	35.317	ng	99
26) 2-Nitrophenol	9.73	139	434664	44.560	ng	96
27) 2,4-Dimethylphenol	9.79	122	695327	38.041	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1130134	36.650	ng	100
29) 2,4-Dichlorophenol	10.26	162	811994	40.152	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	973657	41.872	ng	98
31) Naphthalene	10.66	128	2674644	39.155	ng	100
32) Benzoic acid	9.92	122	478302m	42.261	ng	
33) 4-Chloroaniline	10.77	127	1184153	37.249	ng	97
34) Hexachlorobutadiene	10.94	225	589521	42.253	ng	99
35) Caprolactam	11.57	113	253126m	36.030	ng	
36) 4-Chloro-3-methylphenol	11.89	107	841785	35.802	ng	98
37) 2-Methylnaphthalene	12.27	142	1911180	37.747	ng	99
38) 1-Methylnaphthalene	12.49	142	1817682	37.703	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1006376	42.753	ng	99

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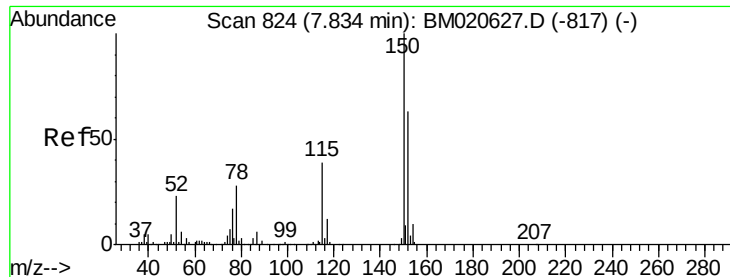
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	464670	33.006	ng	100
43) 2,4,6-Trichlorophenol	12.88	196	655757	43.279	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	673997	43.087	ng	95
46) 1,1'-Biphenyl	13.29	154	2425415	40.431	ng	99
47) 2-Chloronaphthalene	13.33	162	1988247	41.065	ng	98
48) 2-Nitroaniline	13.54	65	580156	38.177	ng	93
49) Acenaphthylene	14.18	152	2977506	39.414	ng	100
50) Dimethylphthalate	13.92	163	2349849	38.291	ng	100
51) 2,6-Dinitrotoluene	14.04	165	492756	39.545	ng	89
52) Acenaphthene	14.52	154	1767897	39.269	ng	98
53) 3-Nitroaniline	14.37	138	536371	38.565	ng	97
54) 2,4-Dinitrophenol	14.57	184	177054	37.291	ng	# 89
55) Dibenzofuran	14.86	168	2752367	39.363	ng	98
56) 4-Nitrophenol	14.67	139	398568	38.888	ng	89
57) 2,4-Dinitrotoluene	14.83	165	664084	39.803	ng	90
58) Fluorene	15.50	166	2220995	38.625	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	571916	41.958	ng	95
60) Diethylphthalate	15.29	149	2288284	36.155	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1183783	38.882	ng	94
62) 4-Nitroaniline	15.53	138	564813	38.291	ng	95
63) Azobenzene	15.80	77	2083055	34.330	ng	95
65) 4,6-Dinitro-2-methylphenol	15.59	198	246883	38.386	ng	92
66) n-Nitrosodiphenylamine	15.72	169	1881075	39.234	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	706783	40.081	ng	93
68) Hexachlorobenzene	16.50	284	836150	40.607	ng	95
69) Atrazine	16.67	200	579382	40.489	ng	100
70) Pentachlorophenol	16.84	266	442249	45.020	ng	99
71) Phenanthrene	17.24	178	3322685	39.139	ng	100
72) Anthracene	17.33	178	3311032	38.967	ng	99
73) Carbazole	17.61	167	2980872	38.659	ng	99
74) Di-n-butylphthalate	18.17	149	3573594	35.702	ng	99
75) Fluoranthene	19.26	202	3714476	39.344	ng	99
77) Benzidine	19.45	184	1545618	37.598	ng	100
78) Pyrene	19.62	202	3789626	36.400	ng	100
80) Butylbenzylphthalate	20.52	149	1536199	34.916	ng	94
81) Benzo(a)anthracene	21.36	228	3696335	39.124	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	1432436	41.404	ng	98
83) Chrysene	21.42	228	3532500	39.334	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	2167555	33.898	ng	100
85) Di-n-octyl phthalate	22.19	149	3630095	35.757	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4529734	49.302	ng	98
88) Benzo(b)fluoranthene	22.97	252	3825537	37.587	ng	100
89) Benzo(k)fluoranthene	23.02	252	3700670	37.207	ng	99
90) Benzo(a)pyrene	23.56	252	3586902	38.854	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3742640	41.788	ng	98
92) Benzo(g,h,i)perylene	26.70	276	3546867	42.636	ng	98

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



#1

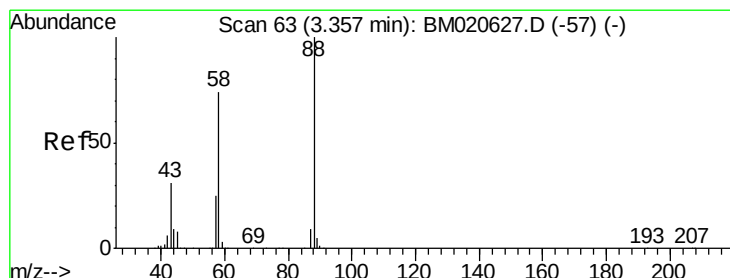
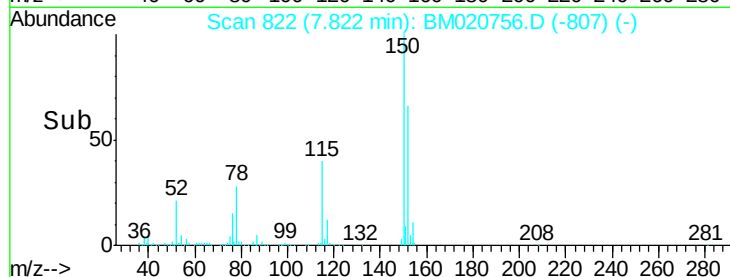
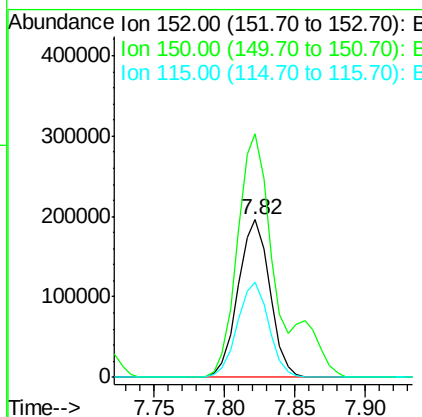
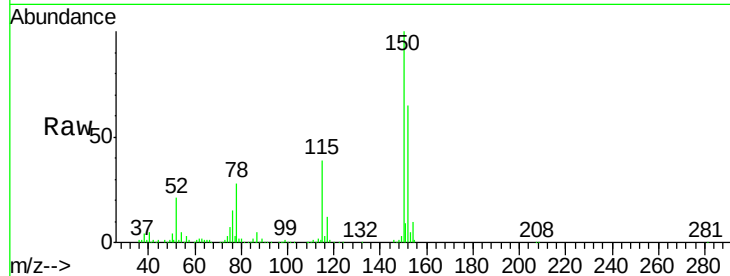
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.0	189.0
115	60.5	49.6	74.4

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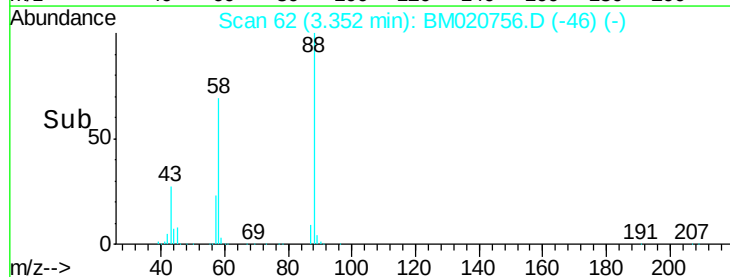
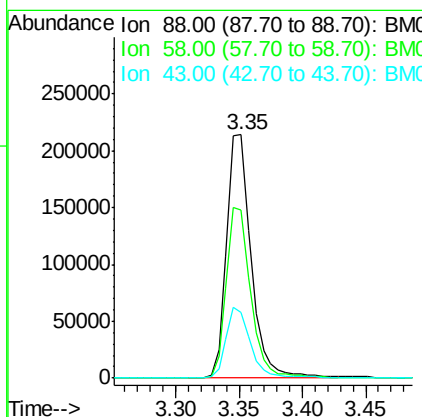
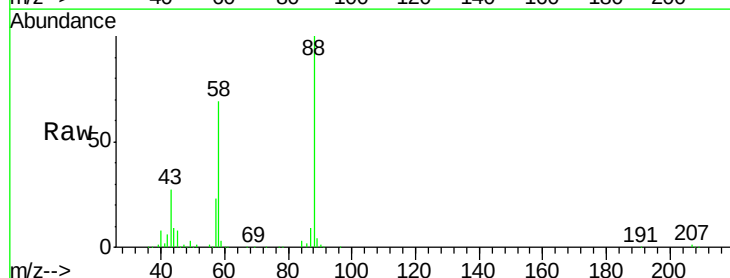
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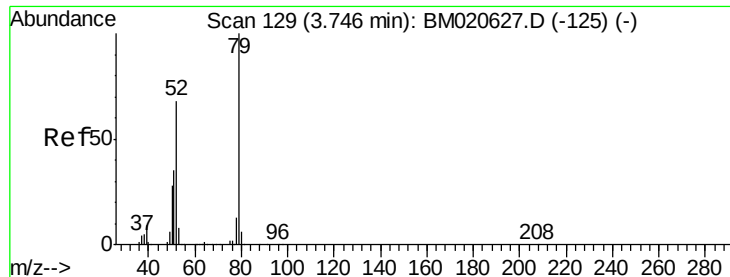


#2

1,4-Dioxane
Concen: 39.500 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	60.2	90.4
43	28.5	25.3	37.9





#3

Pvridine

Concen: 39.073 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

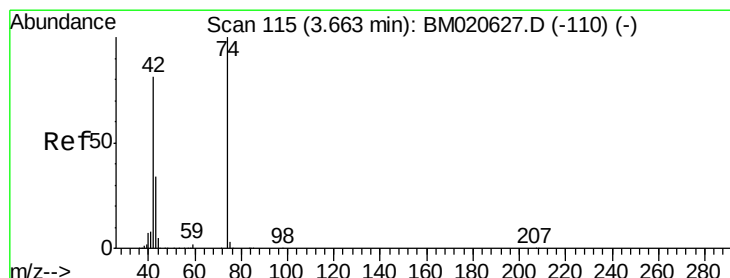
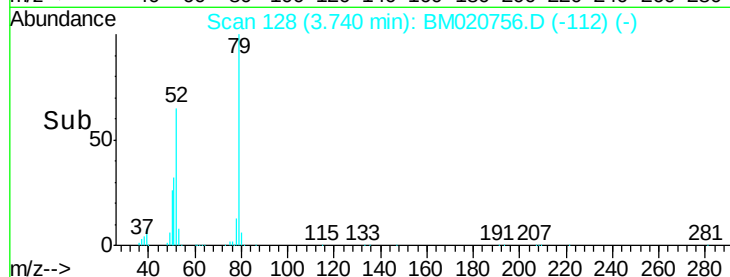
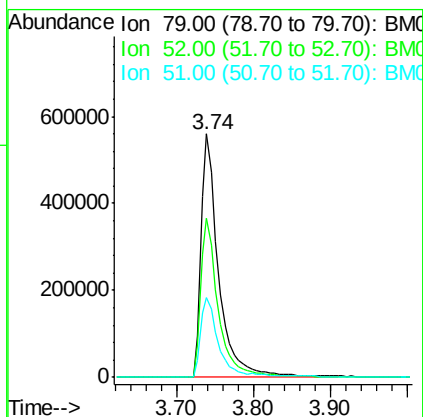
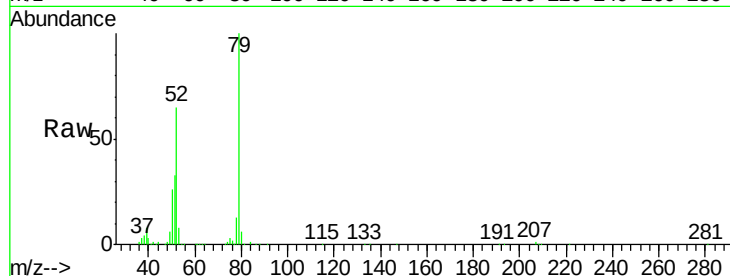
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	893192
Ion	Ratio	Lower	Upper
79	100		
52	65.5	54.1	81.1
51	32.5	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 34.734 ng

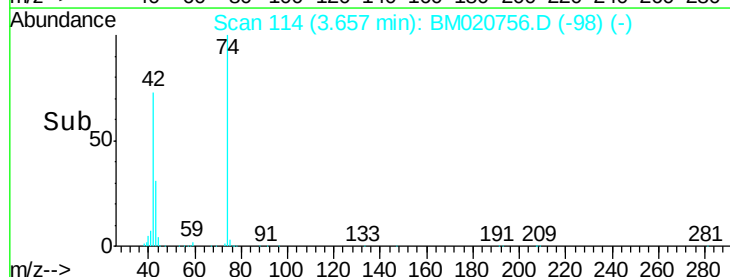
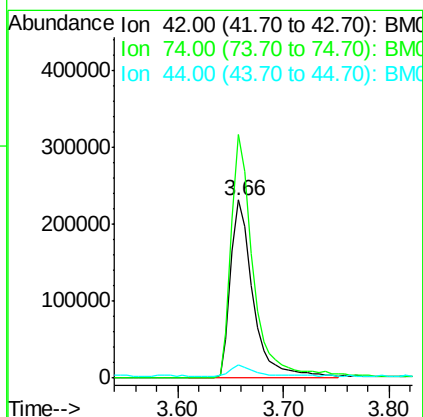
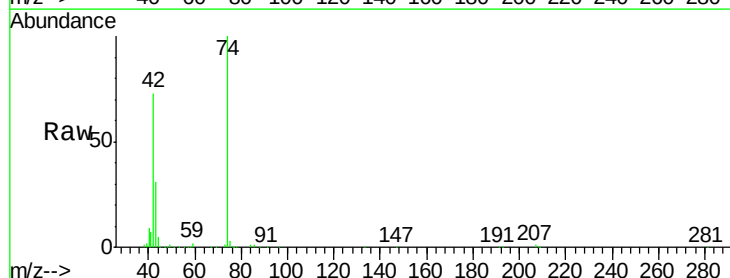
RT: 3.66 min Scan# 114

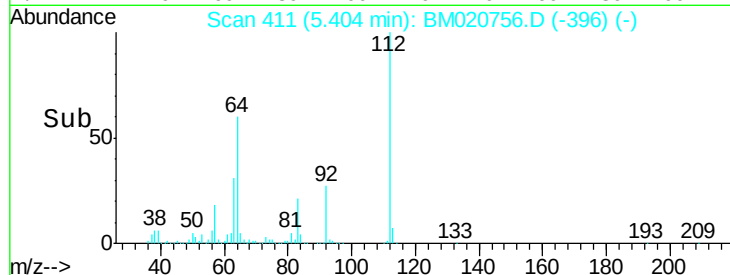
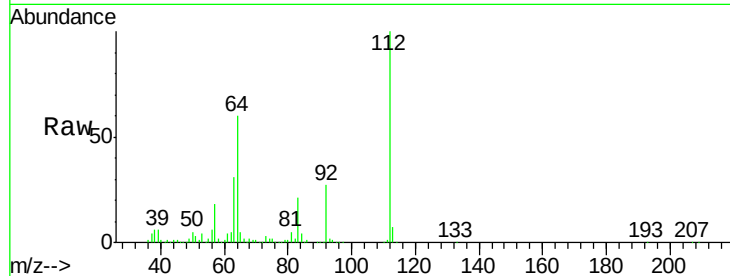
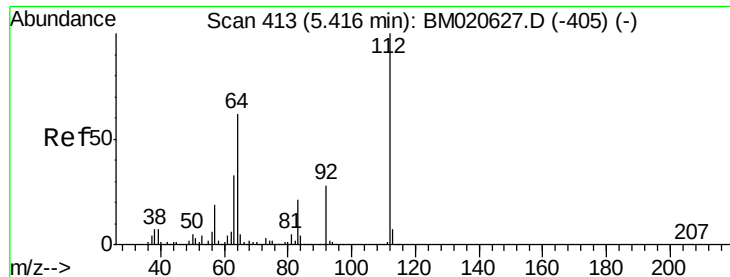
Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	42	Resp:	342278
Ion	Ratio	Lower	Upper
42	100		
74	136.7	99.4	149.0
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 79.562 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tot Ion: 112 Resp: 1396233

Ion Ratio Lower Upper

112 100

64 59.8 49.7 74.5

63 31.2 26.4 39.6

Instrument :

BNA_M

ClientSampleId :

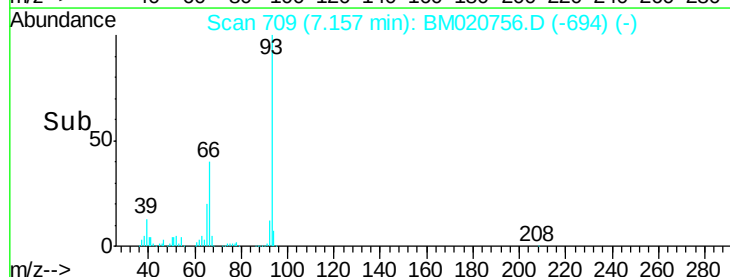
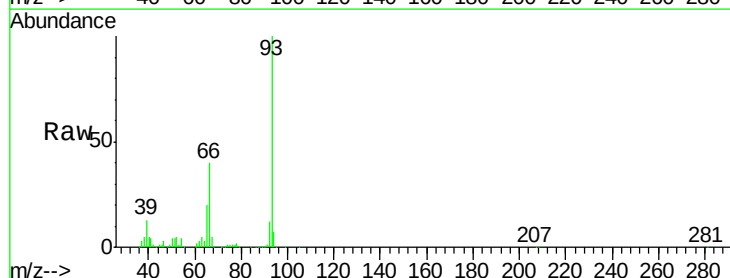
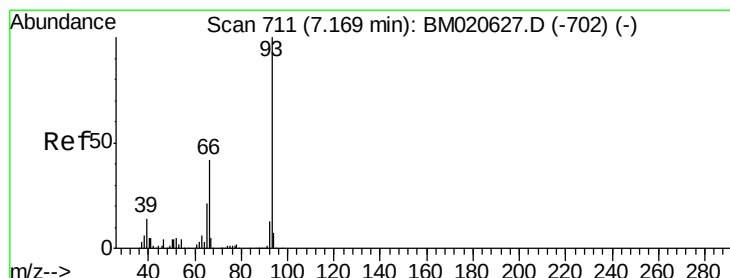
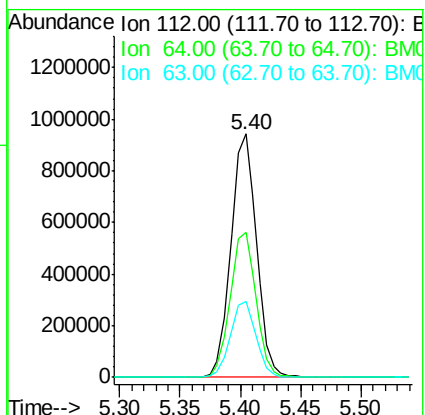
SSTDCCC040EC

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#6

Aniline

Concen: 36.762 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

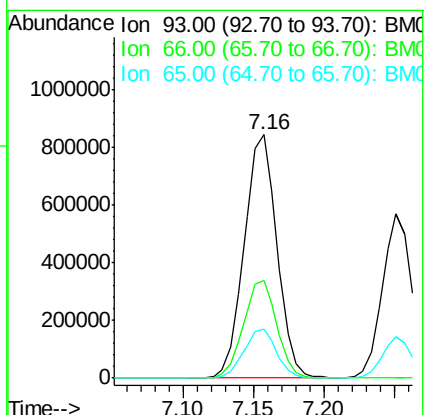
Tgt Ion: 93 Resp: 1374505

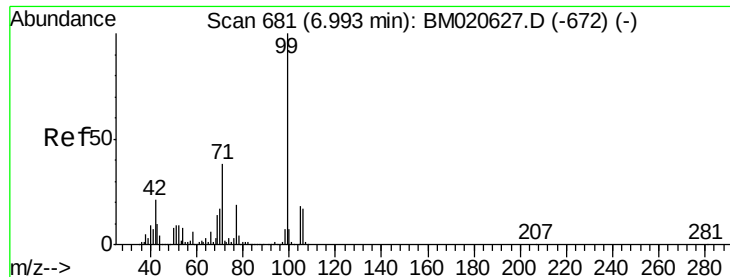
Ion Ratio Lower Upper

93 100

66 40.0 33.6 50.4

65 20.0 16.7 25.1





#7

Phenol-d6

Concen: 75.165 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1942281

Ion Ratio Lower Upper

99 100

42 18.2 16.5 24.7

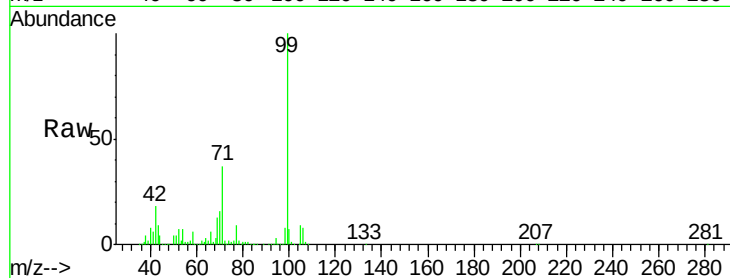
71 36.9 30.7 46.1

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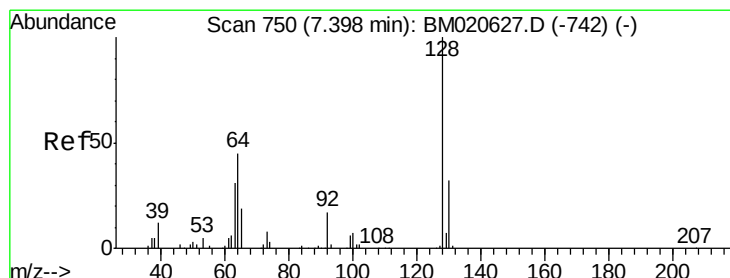
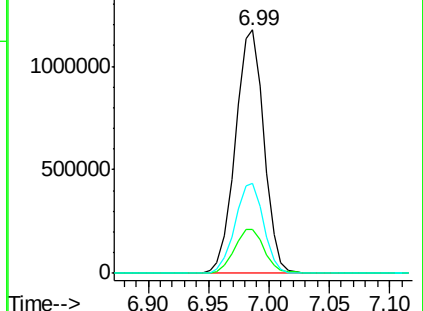
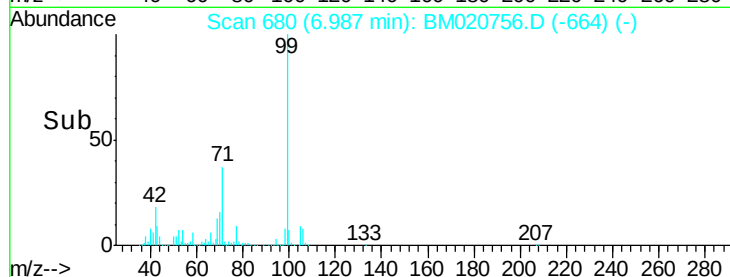
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Abundance Ion 99.00 (98.70 to 99.70): BM020756.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020756.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020756.D (-664) (-)



#8

2-Chlorophenol

Concen: 38.762 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

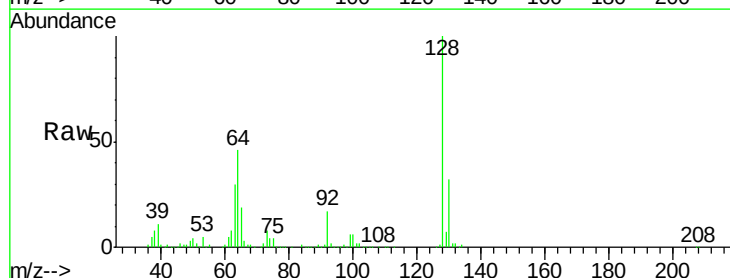
Tgt Ion: 128 Resp: 846244

Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

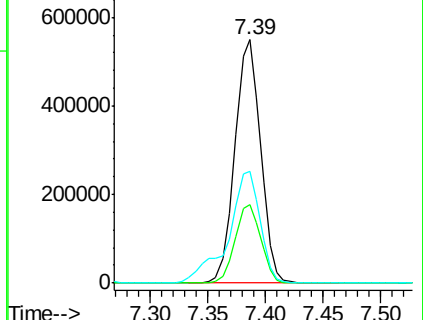
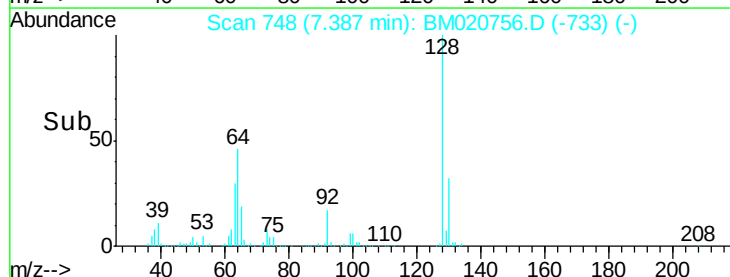
64 46.1 29.1 69.1

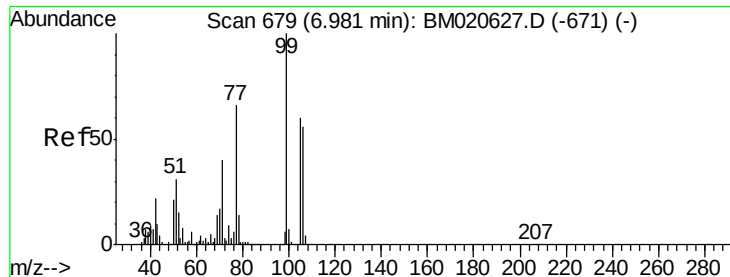


Abundance Ion 128.00 (127.70 to 128.70): BM020756.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020756.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020756.D (-733) (-)





#9

Benzaldehyde

Concen: 37.424 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

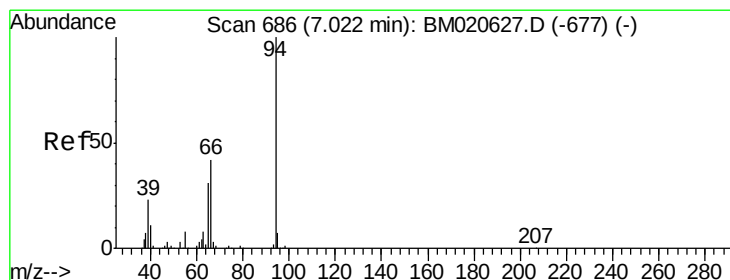
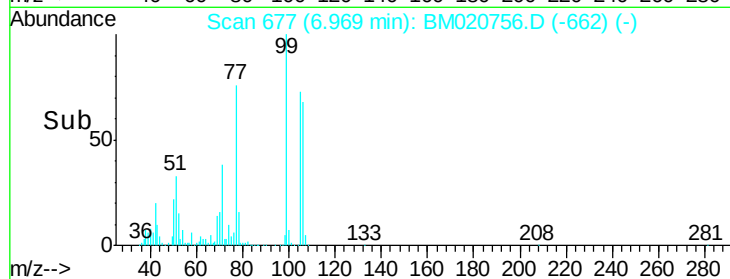
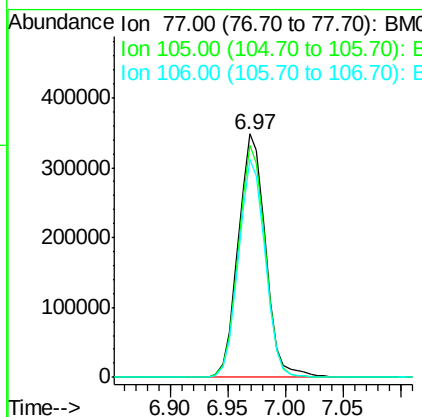
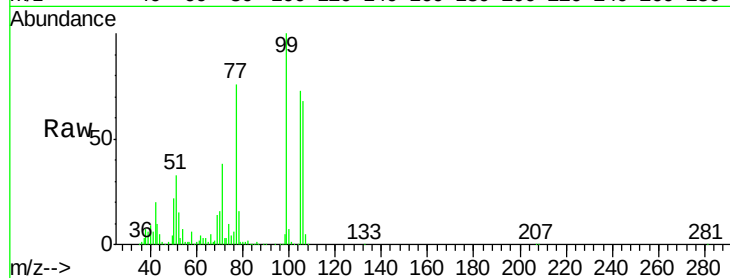
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	572822
Ion	Ratio	Lower	Upper
77	100		
105	95.4	70.6	110.6
106	89.7	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 37.430 ng

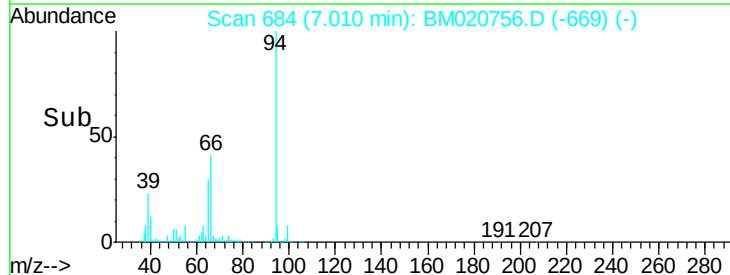
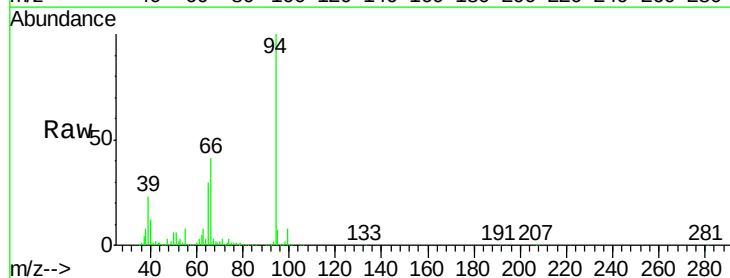
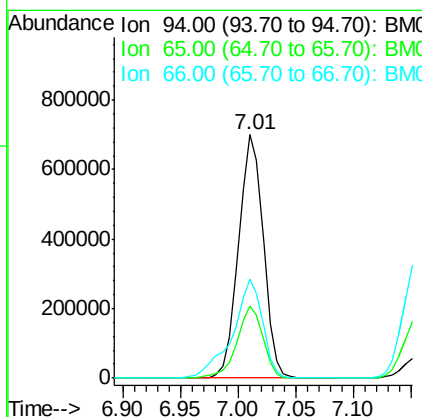
RT: 7.01 min Scan# 684

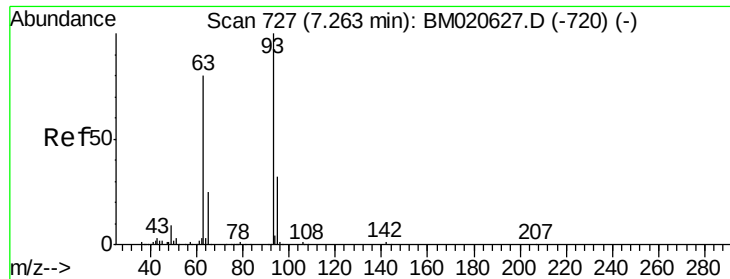
Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	94	Resp:	1042310
Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.7	50.7
66	40.8	22.3	62.3





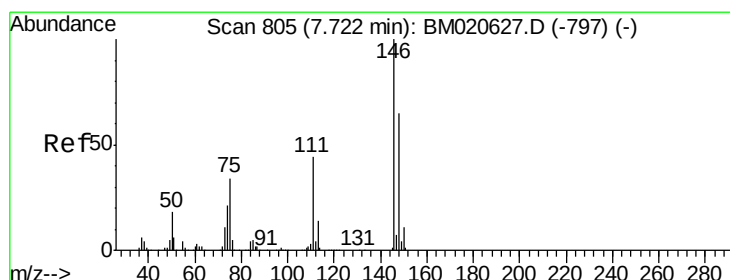
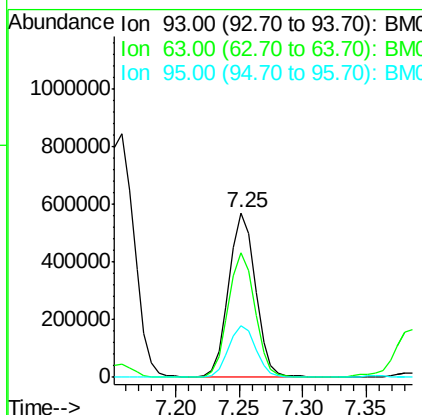
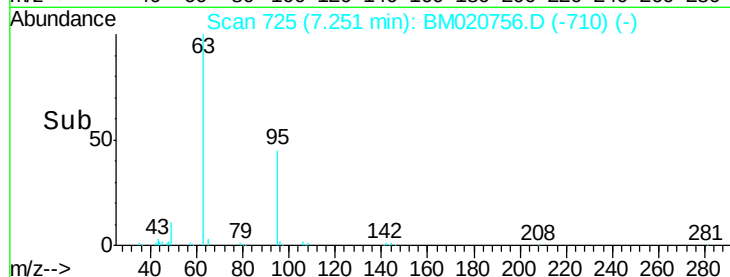
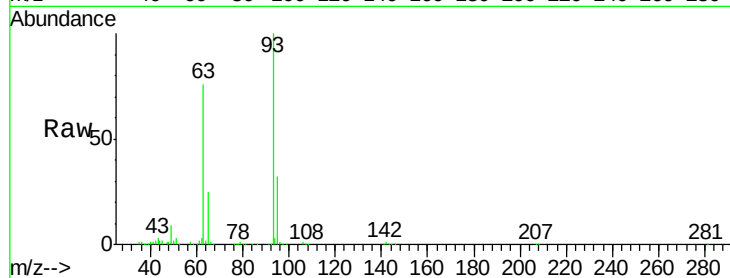
#11
bis(2-Chloroethyl)ether
Concen: 37.267 ng
RT: 7.25 min Scan# 725
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.0	100.0
95	31.6	12.2	52.2

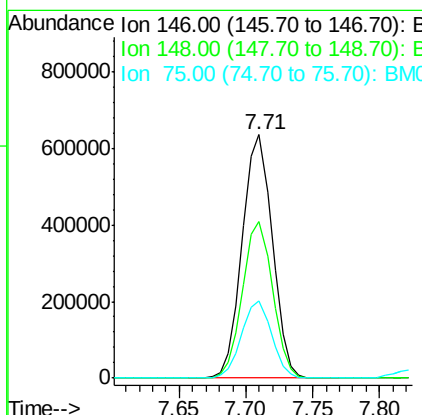
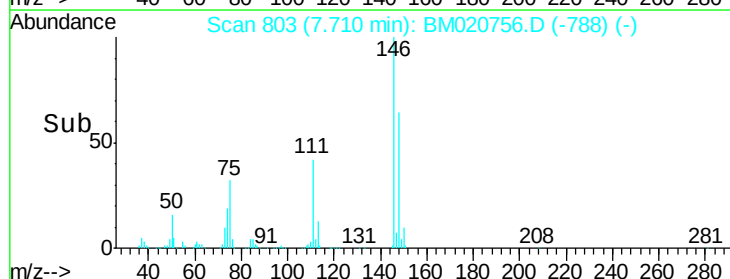
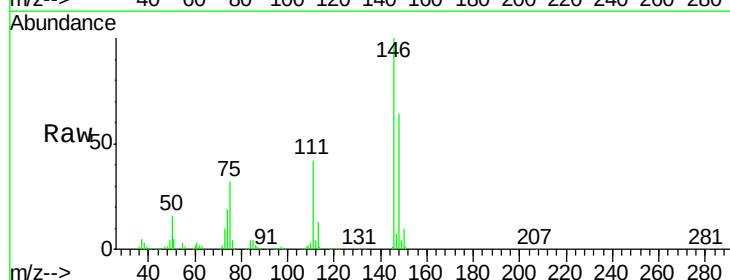
Manual Integrations
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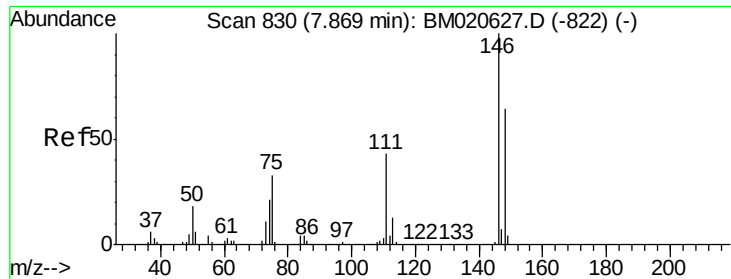
mohammad
6/6/2019 11:22:19 AM



#12
1,3-Dichlorobenzene
Concen: 39.575 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
75	31.5	27.0	40.4





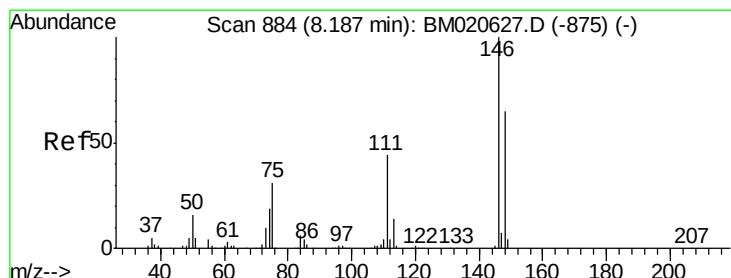
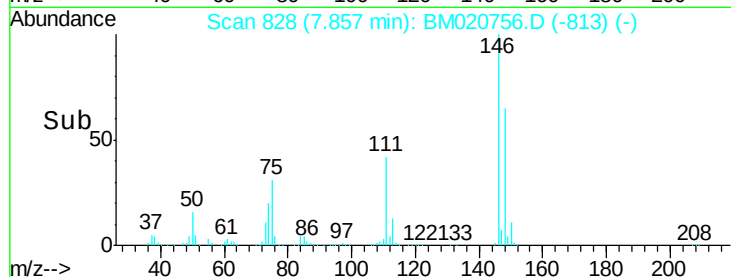
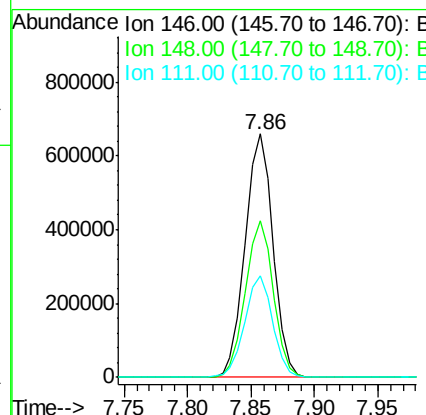
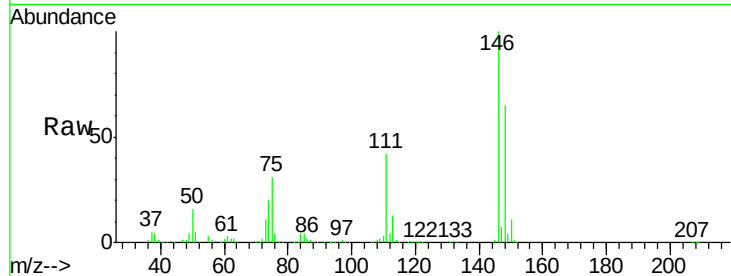
#13
 1,4-Dichlorobenzene
 Concen: 39.571 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
111	41.8	34.4	51.6

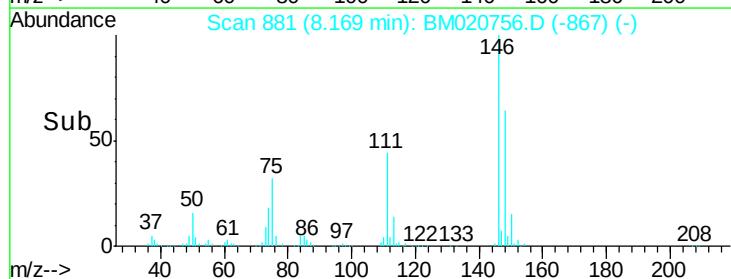
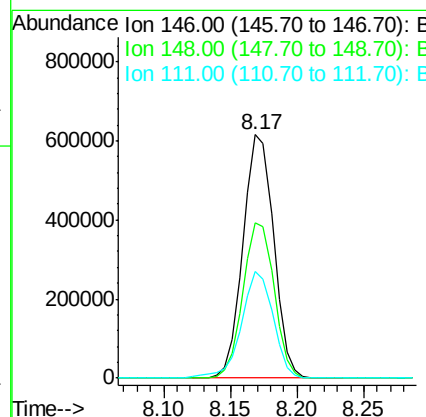
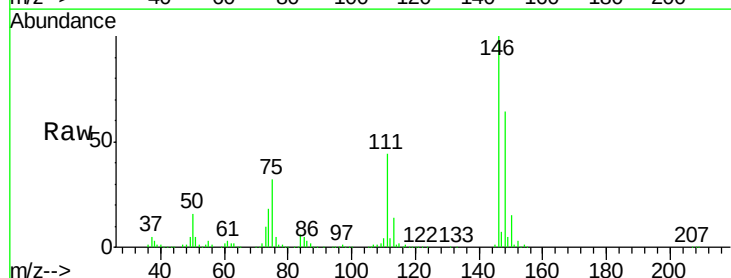
Manual Integrations
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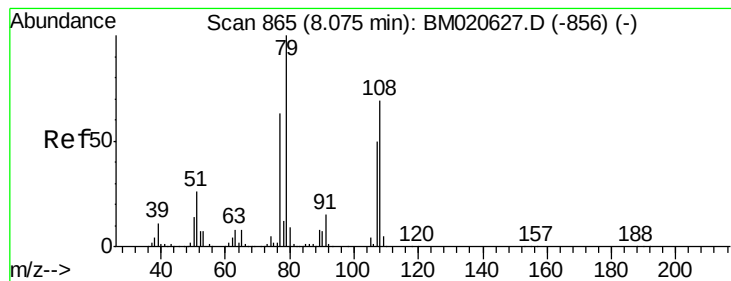
mohammad
 6/6/2019 11:22:19 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.333 ng
 RT: 8.17 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
111	43.6	35.1	52.7





#15

Benzyl Alcohol

Concen: 34.705 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

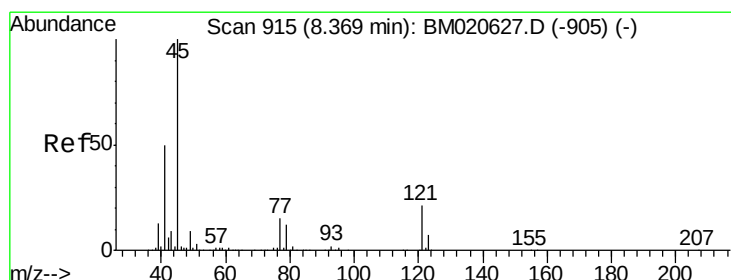
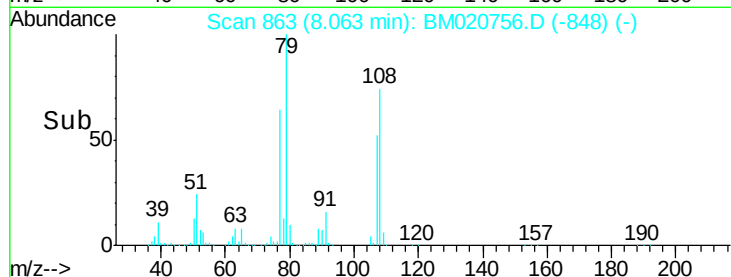
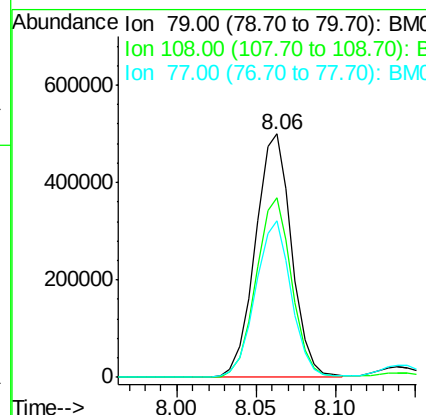
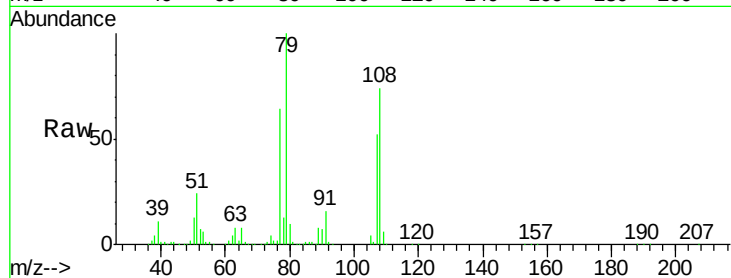
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	793354
Ion	Ratio	Lower	Upper
79	100		
108	73.7	54.9	82.3
77	64.2	50.2	75.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.983 ng

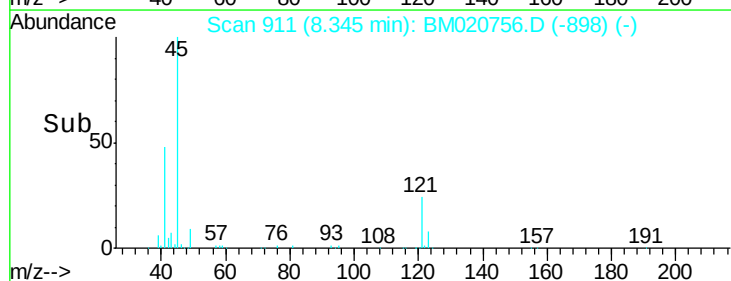
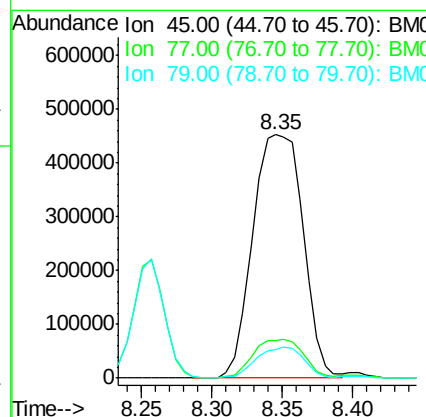
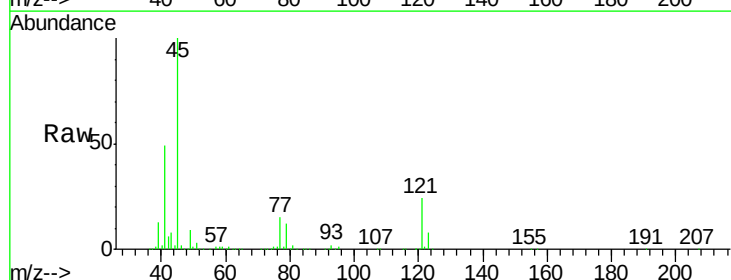
RT: 8.35 min Scan# 911

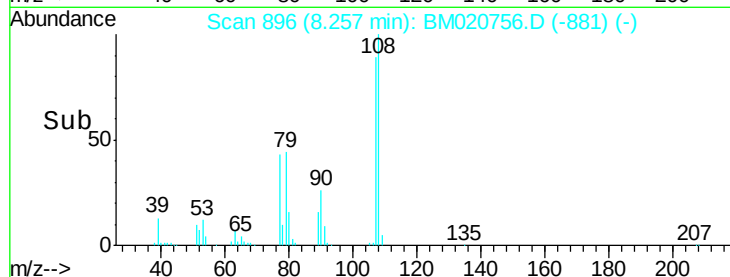
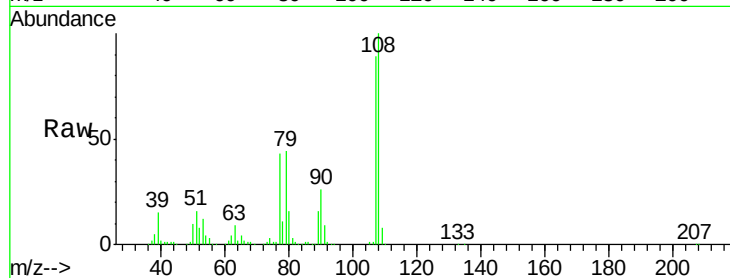
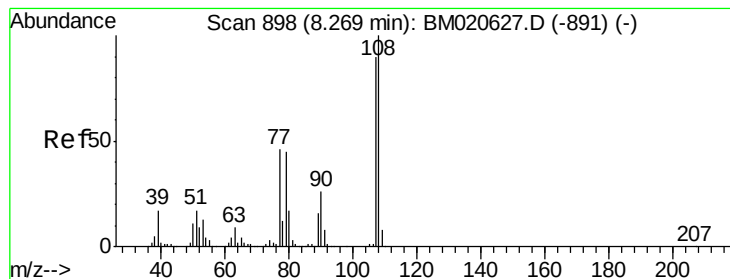
Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	45	Resp:	1130101
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.9
79	11.9	0.0	31.8





#17

2-Methylphenol

Concen: 36.419 ng

RT: 8.26 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tot Ion	107	Resp	713148
Ion Ratio	Lower	Upper	
107	100		
108	112.8	88.6	133.0
77	48.7	40.6	61.0
79	49.3	39.9	59.9

Instrument :

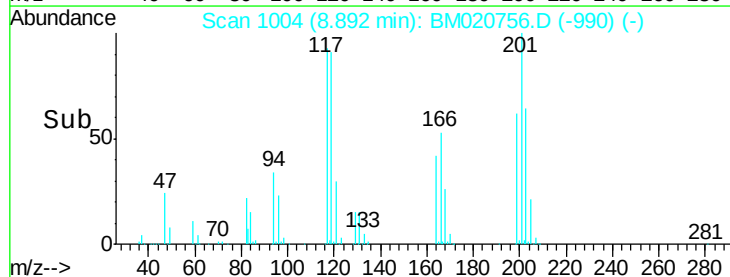
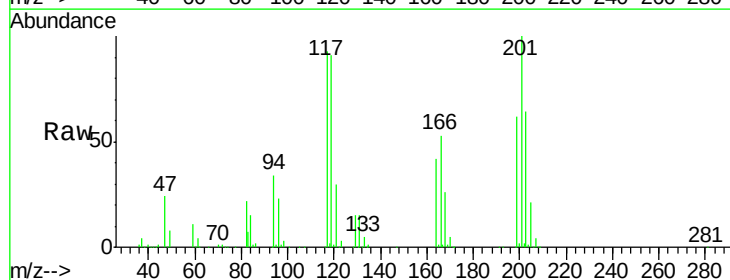
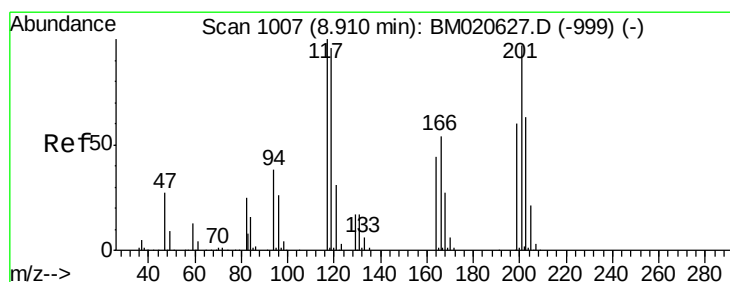
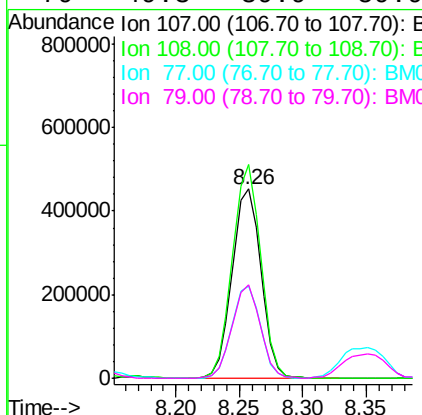
BNA_M

ClientSampleId :

SSTDCCC040EC

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#18

Hexachloroethane

Concen: 37.527 ng

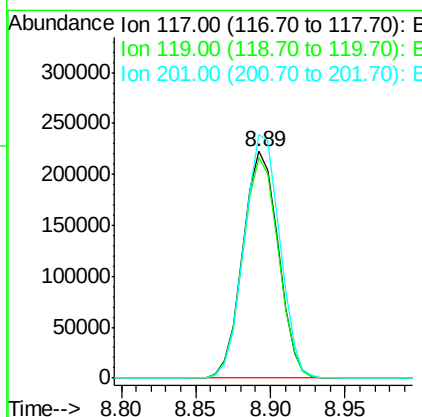
RT: 8.89 min Scan# 1004

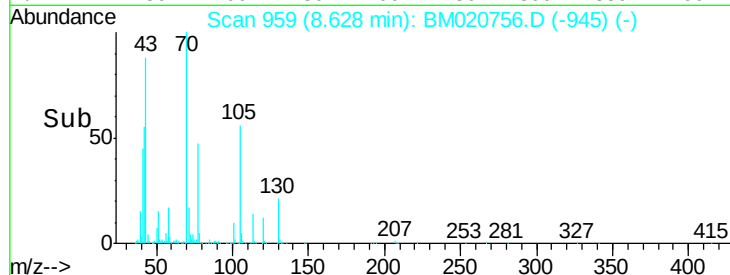
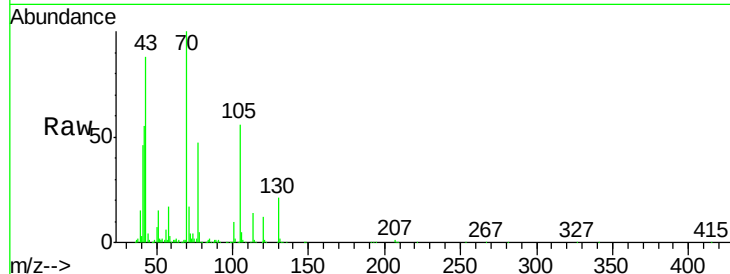
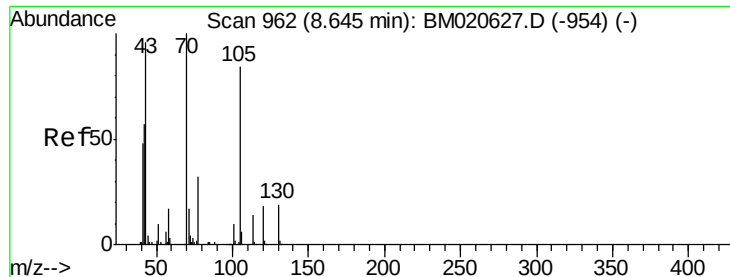
Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion	117	Resp	366485
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.7	115.1
201	107.5	77.9	116.9





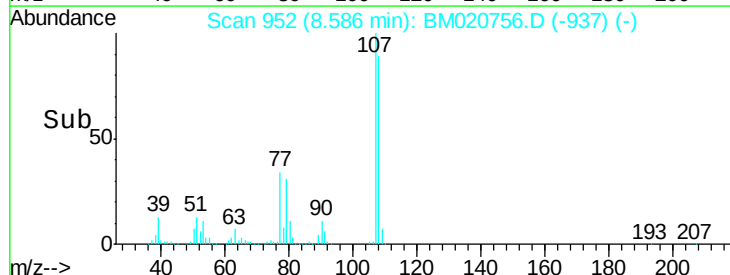
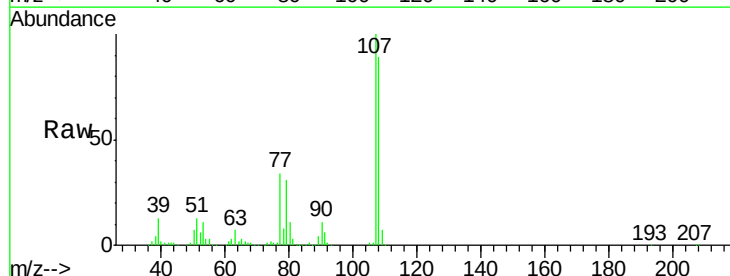
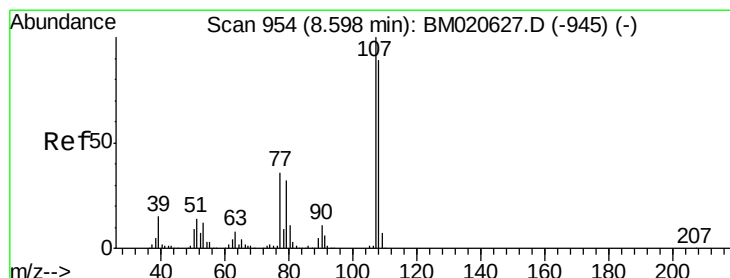
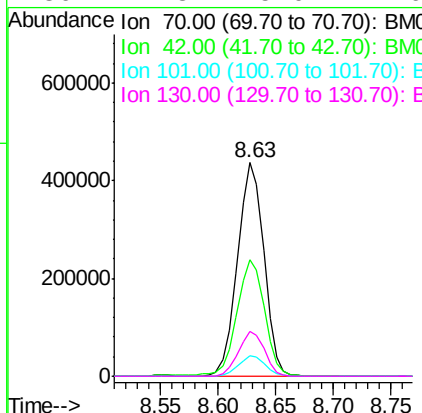
#19
n-Nitroso-di-n-propylamine
Concen: 33.303 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

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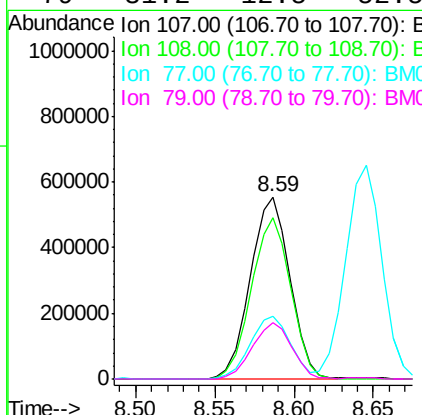
mohammad
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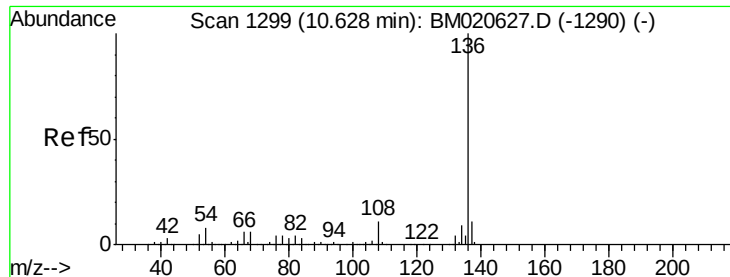
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	46.8	70.2	
101	9.8	7.8	11.6	
130	21.3	15.0	22.6	



#20
3+4-Methylphenols
Concen: 36.075 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	69.2	109.2	
77	34.4	16.2	56.2	
79	31.2	12.5	52.5	





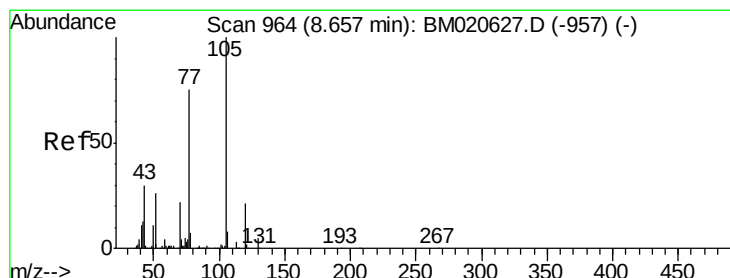
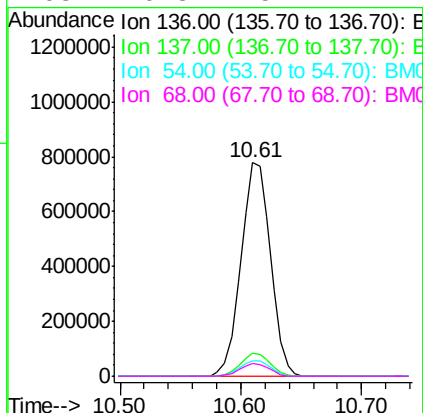
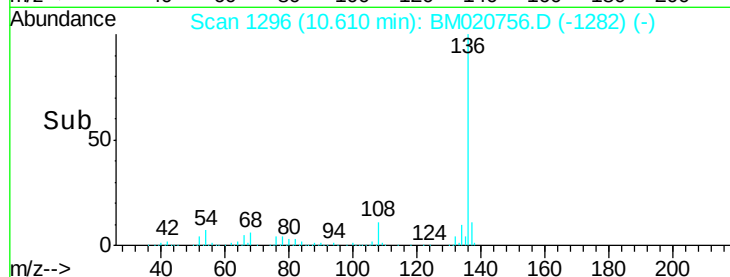
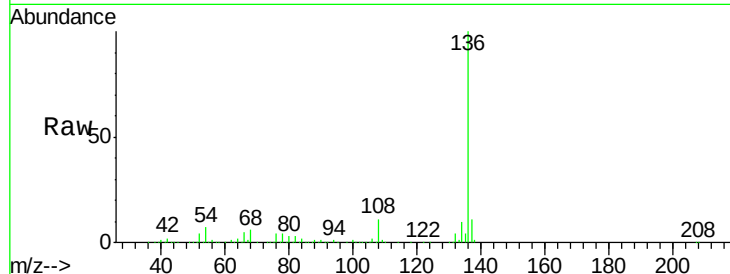
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.6	10.0
68	6.3	5.1	7.7

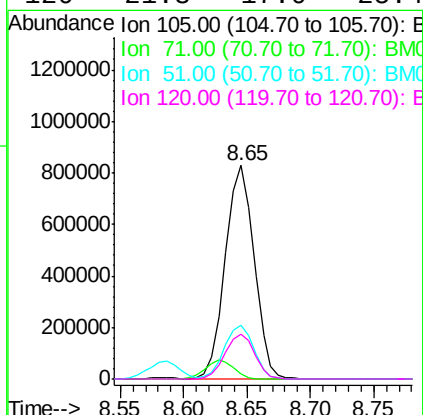
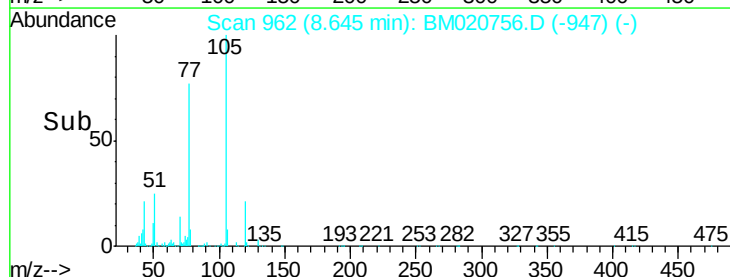
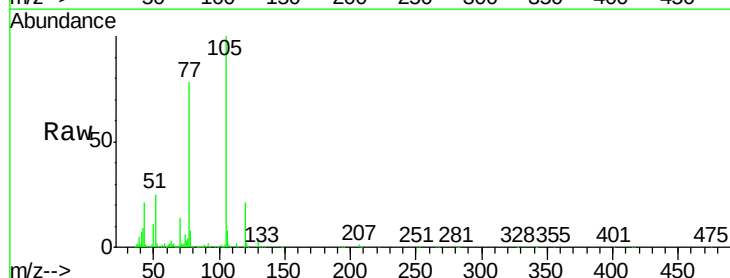
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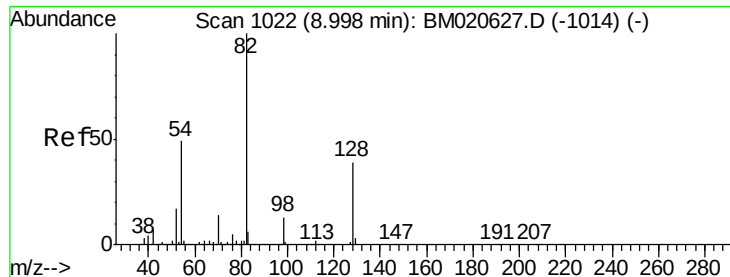
mohammad
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#22
Acetophenone
Concen: 38.725 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.2	4.8#
51	25.1	22.8	34.2
120	21.3	17.0	25.4





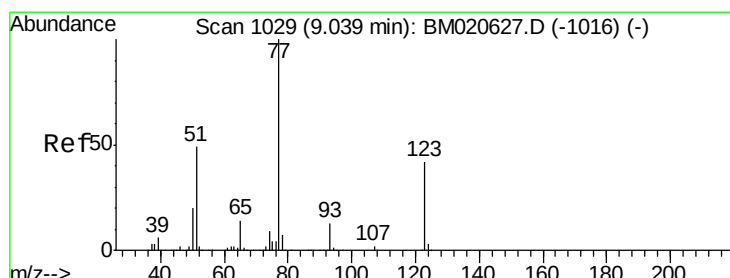
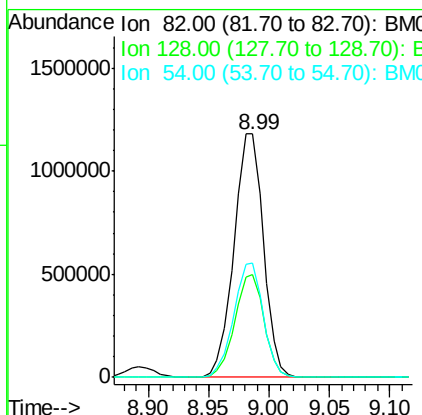
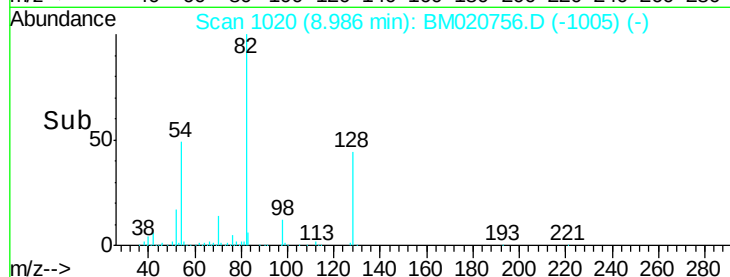
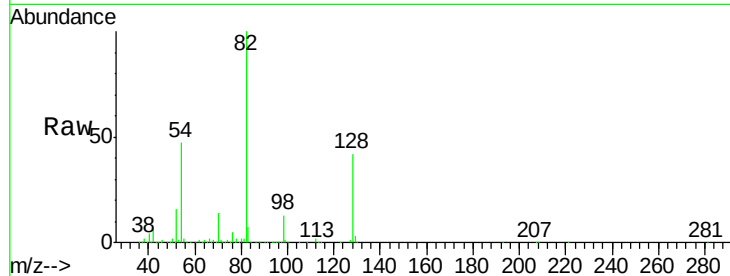
#23
 Nitrobenzene-d5
 Concen: 78.737 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.5	47.3
54	47.1	39.4	59.0

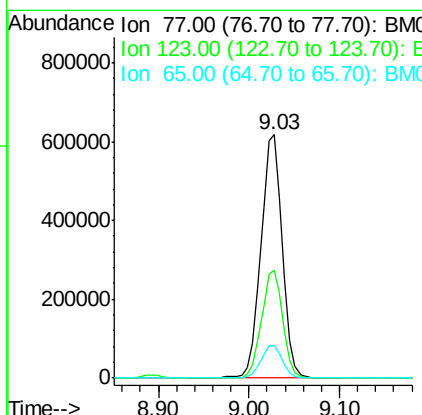
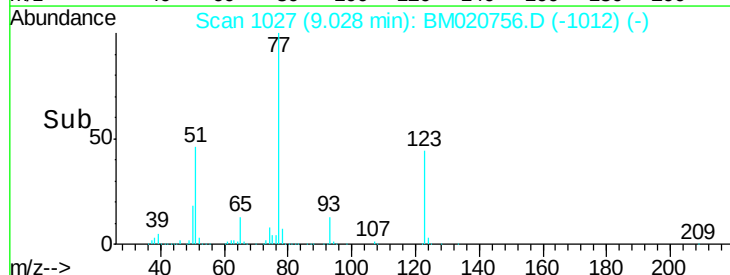
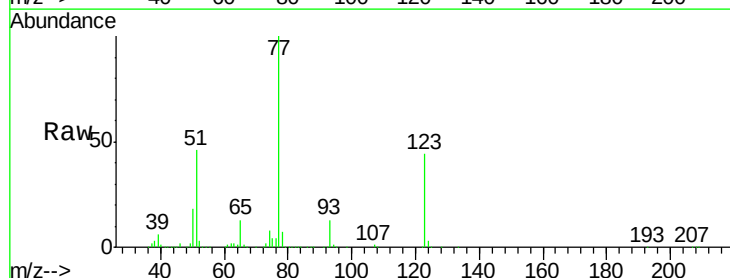
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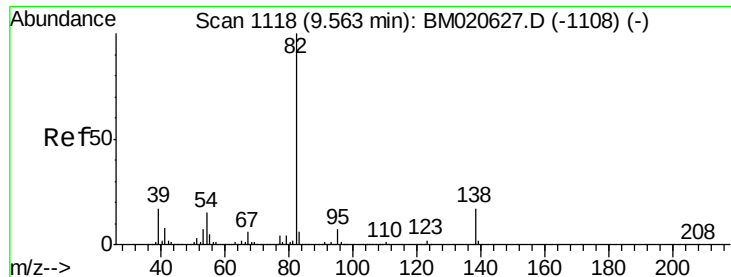
mohammad
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#24
 Nitrobenzene
 Concen: 38.662 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.7	50.5
65	13.1	11.0	16.6





#25

Isophorone

Concen: 35.317 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1801129

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

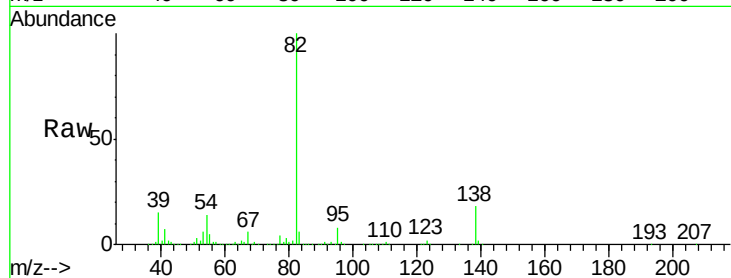
138 17.6 13.8 20.8

Manual Integrations

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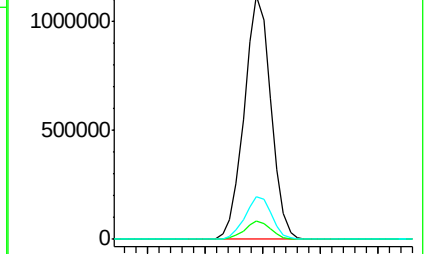
6/6/2019 11:22:19 AM



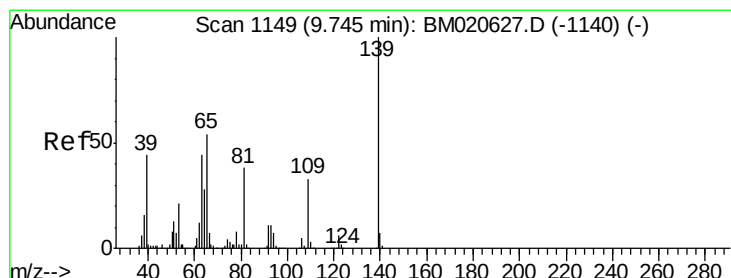
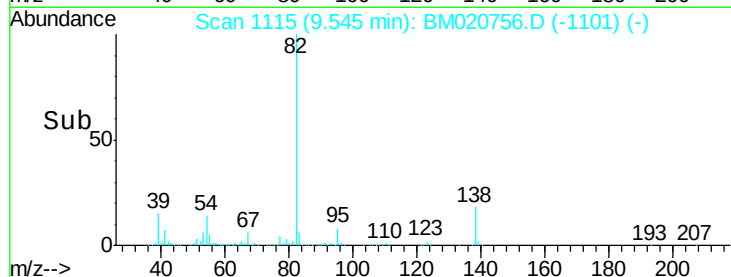
Abundance Ion 82.00 (81.70 to 82.70): BM020756.D (-1115) (-)

Ion 95.00 (94.70 to 95.70): BM020756.D (-1115) (-)

Ion 138.00 (137.70 to 138.70): BM020756.D (-1115) (-)



Time-->



#26

2-Nitrophenol

Concen: 44.560 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

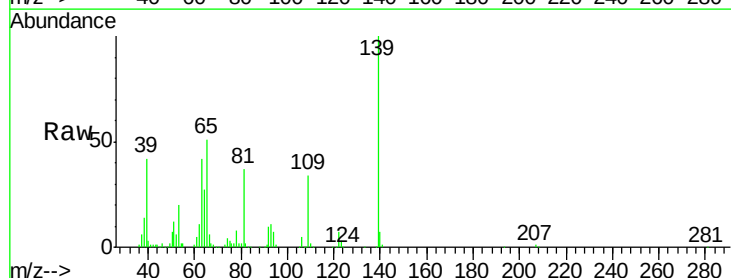
Tgt Ion: 139 Resp: 434664

Ion Ratio Lower Upper

139 100

109 34.0 26.1 39.1

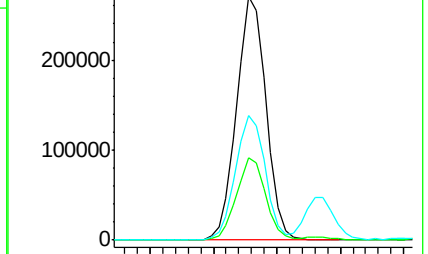
65 51.1 43.4 65.0



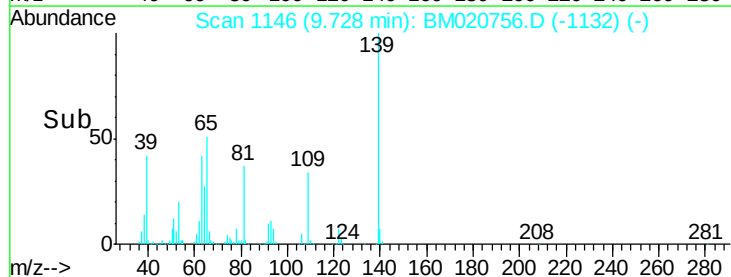
Abundance Ion 139.00 (138.70 to 139.70): BM020756.D (-1146) (-)

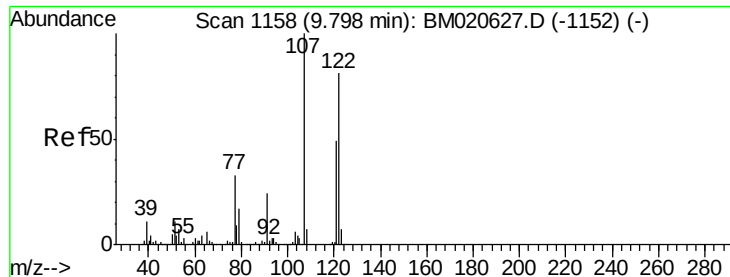
Ion 109.00 (108.70 to 109.70): BM020756.D (-1146) (-)

Ion 65.00 (64.70 to 65.70): BM020756.D (-1146) (-)



Time-->





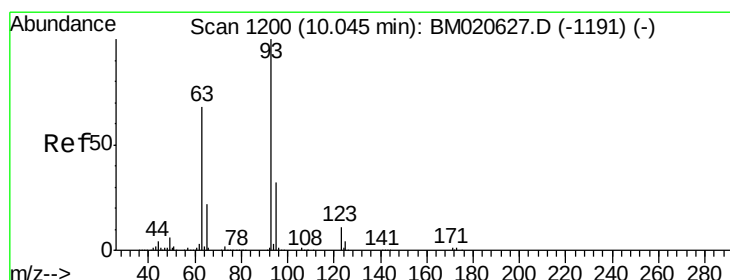
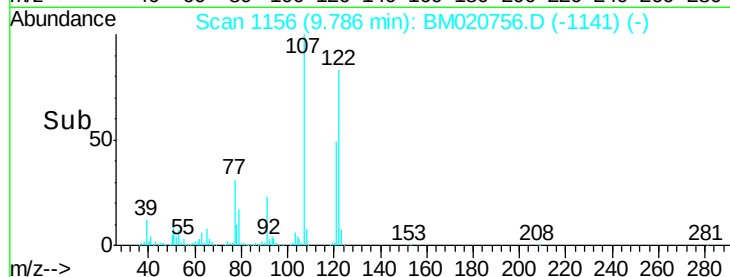
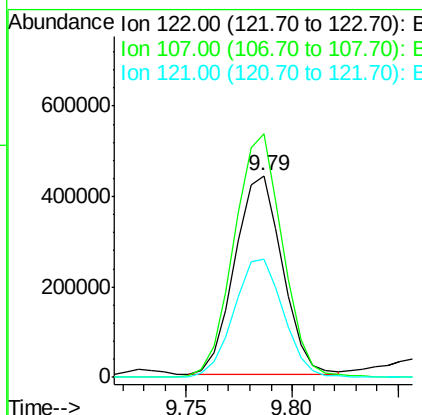
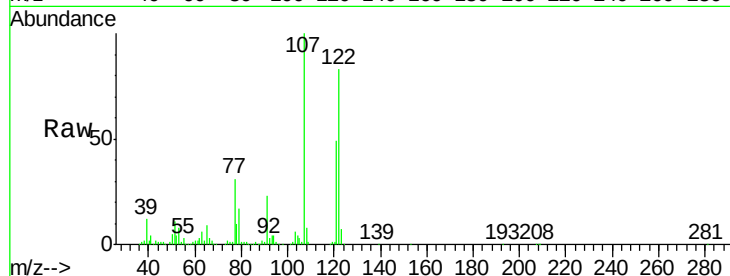
#27
2,4-Dimethylphenol
Concen: 38.041 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.6	98.0	147.0
121	58.6	48.2	72.4

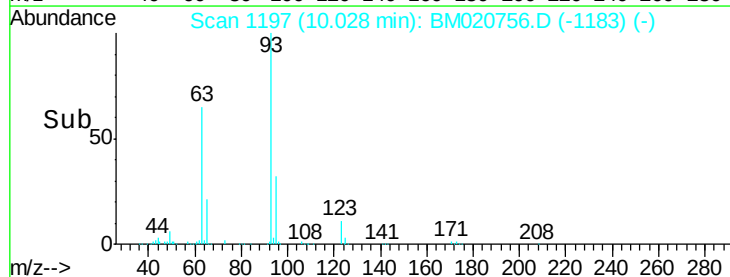
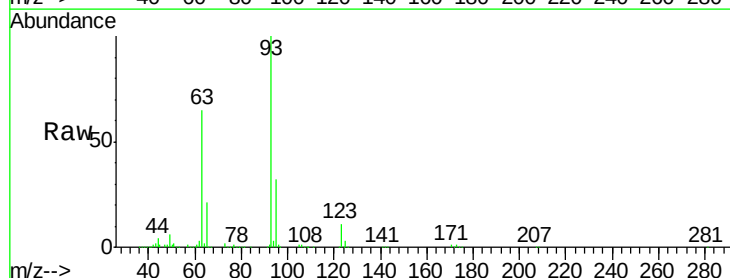
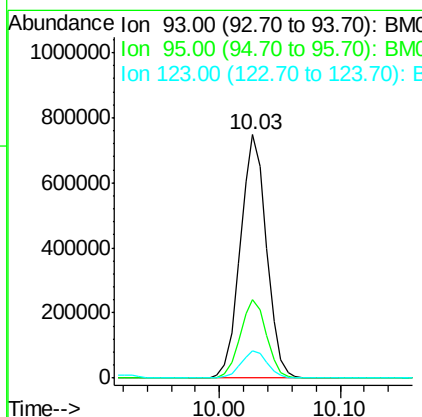
Manual Integrations
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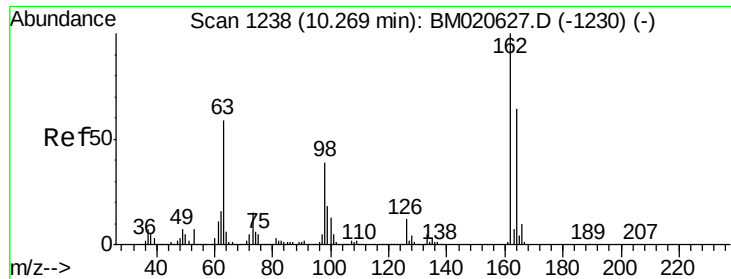
mohammad
6/6/2019 11:22:19 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.650 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.4	9.0	13.6





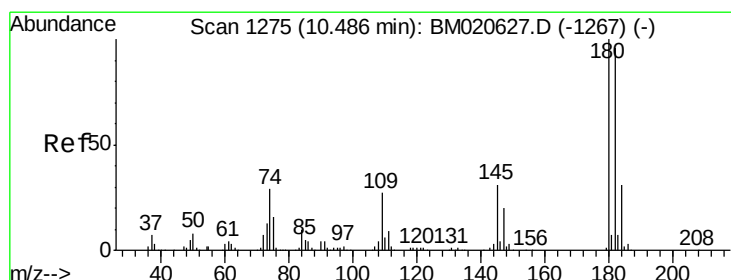
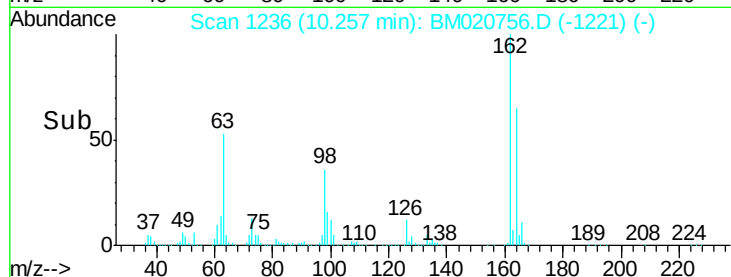
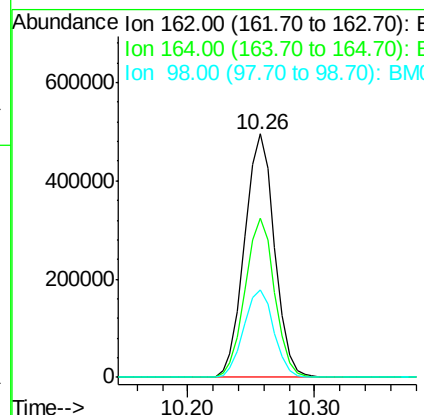
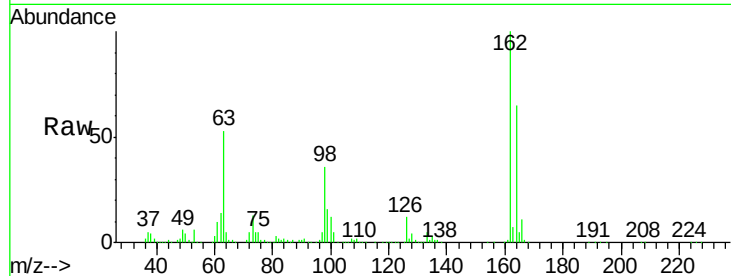
#29
2,4-Dichlorophenol
Concen: 40.152 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	811994		
164	65.2	43.8	83.8	
98	35.8	19.1	59.1	

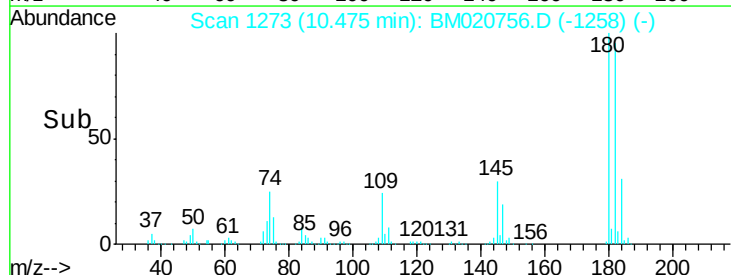
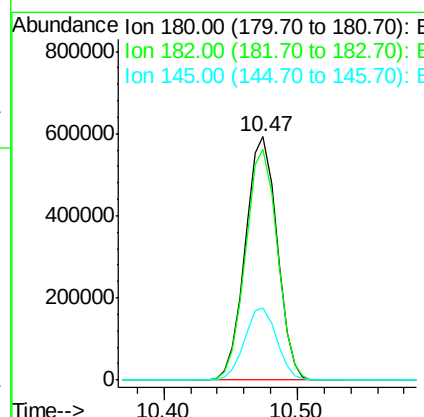
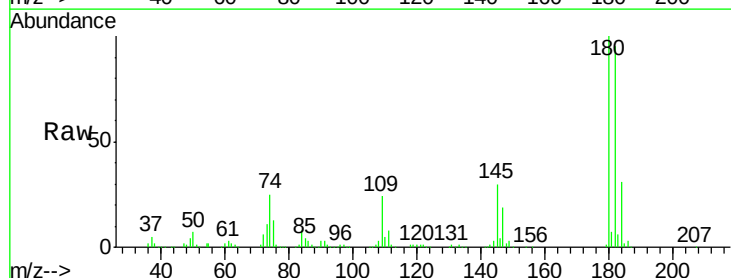
Manual Integrations
APPROVED

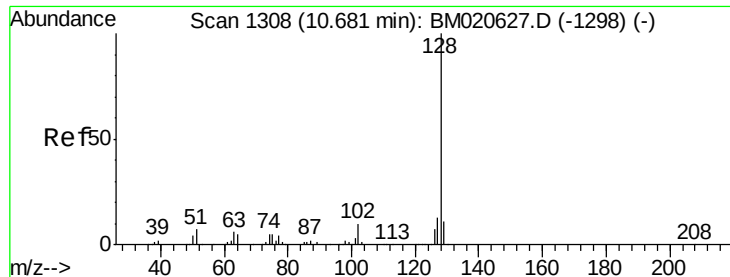
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#30
1,2,4-Trichlorobenzene
Concen: 41.872 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	973657		
182	95.0	77.0	115.6	
145	29.6	25.0	37.4	





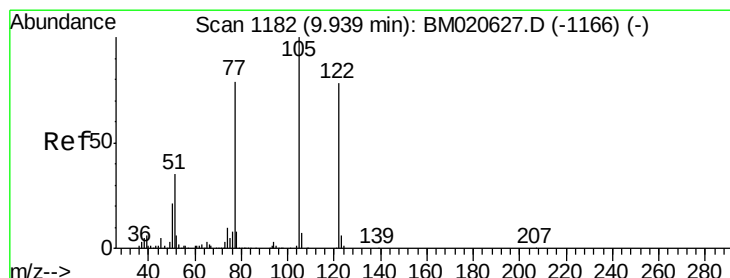
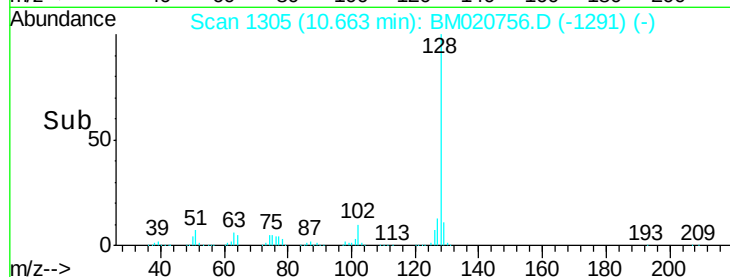
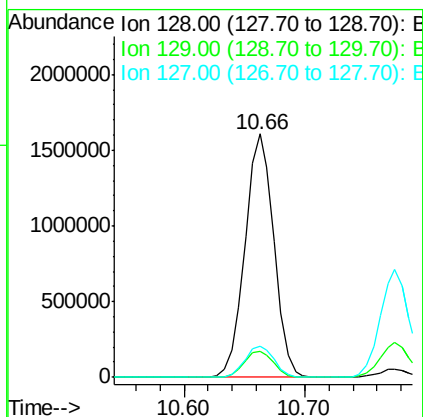
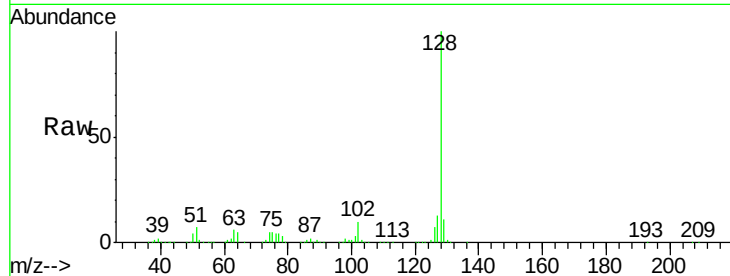
#31
Naphthalene
Concen: 39.155 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2674644
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.3 15.5

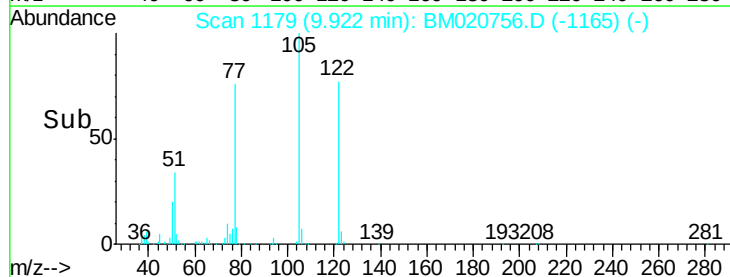
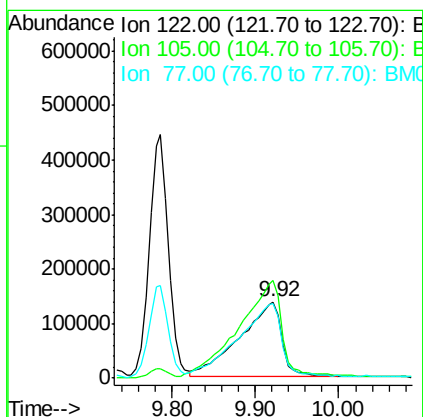
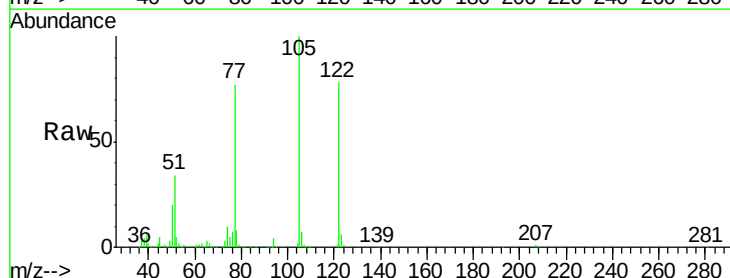
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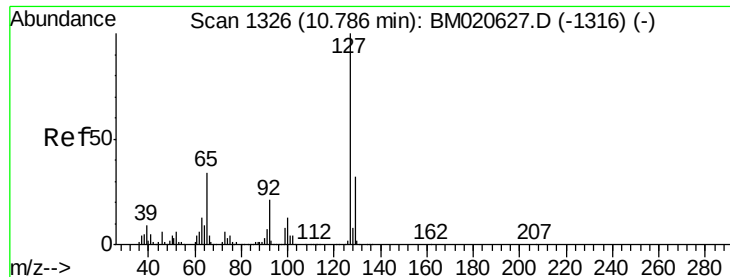
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#32
Benzoic acid
Concen: 42.261 ng m
RT: 9.92 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion:122 Resp: 478302
Ion Ratio Lower Upper
122 100
105 128.7 107.0 147.0
77 98.8 80.9 120.9





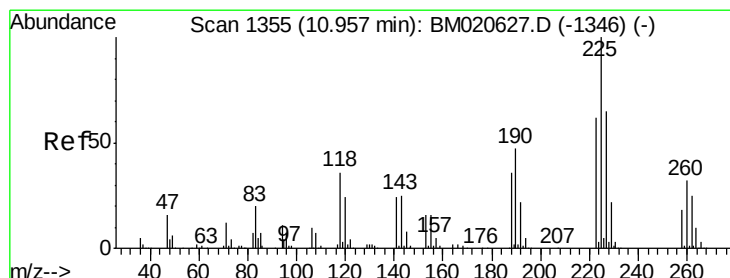
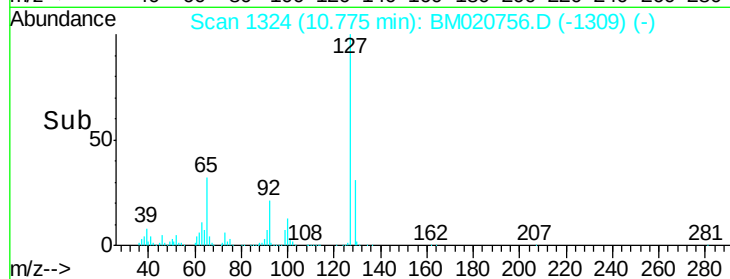
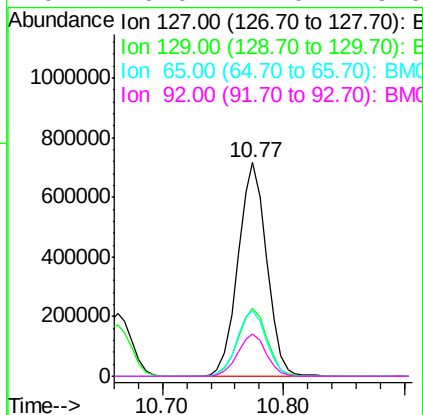
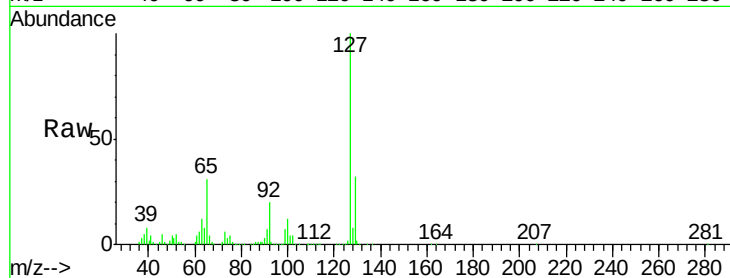
#33
4-Chloroaniline
Concen: 37.249 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.9	25.7	38.5	
65	30.8	27.4	41.0	
92	20.0	17.0	25.6	

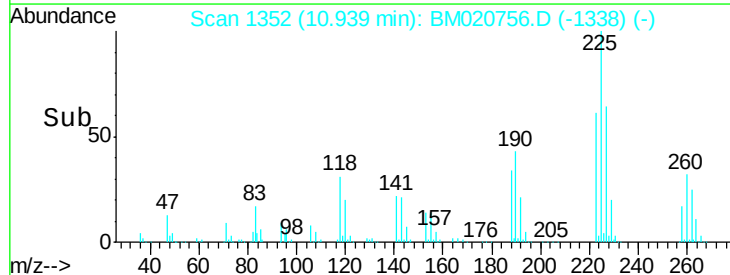
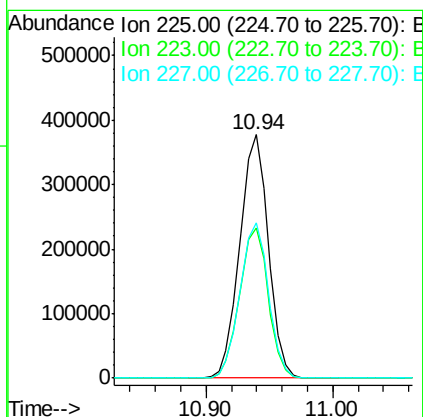
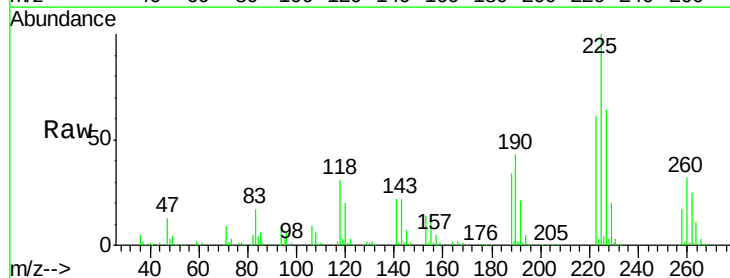
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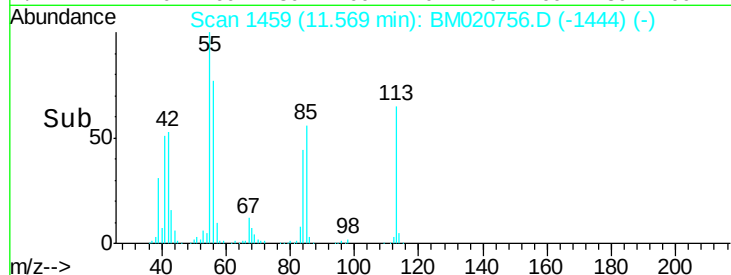
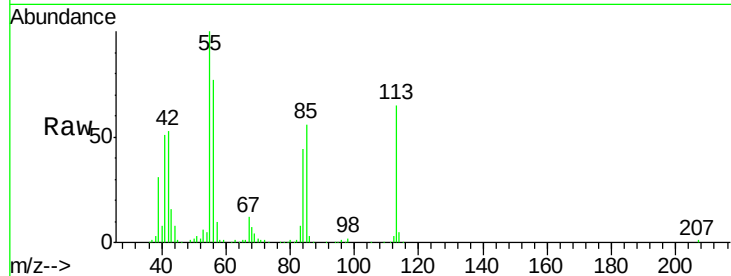
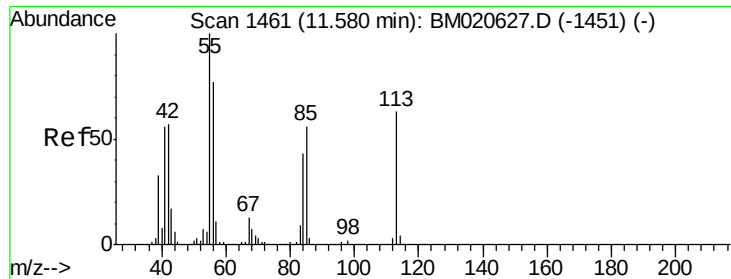
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#34
Hexachlorobutadiene
Concen: 42.253 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.5	49.7	74.5	
227	63.7	51.8	77.8	





#35

Caprolactam

Concen: 36.030 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 253126

Ion Ratio Lower Upper

113 100

55 153.1 138.6 178.6

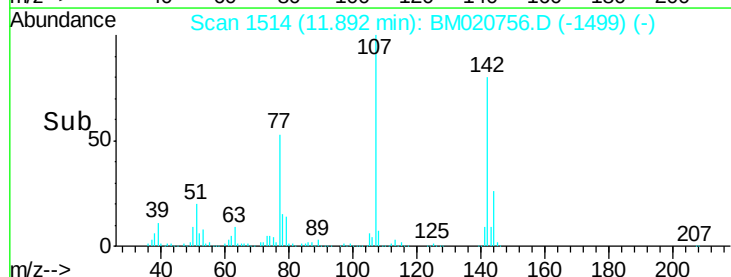
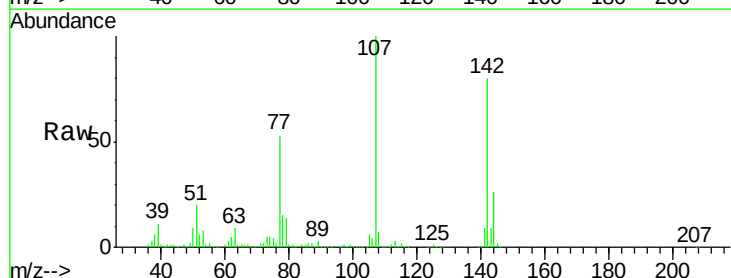
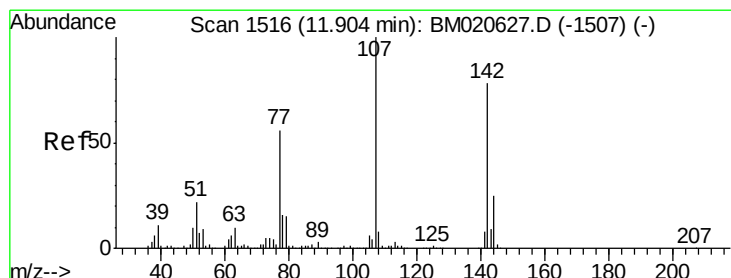
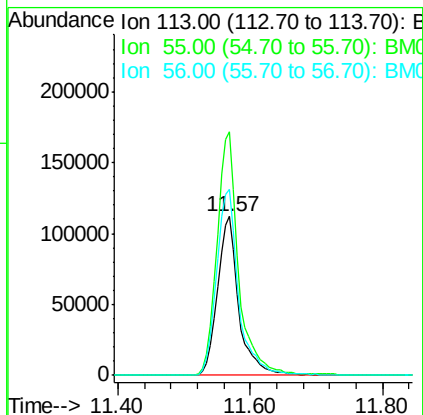
56 117.2 102.3 142.3

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#36

4-Chloro-3-methylphenol

Concen: 35.802 ng/mL

RT: 11.89 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

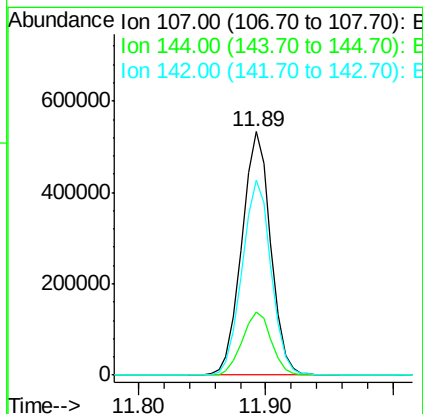
Tgt Ion:107 Resp: 841785

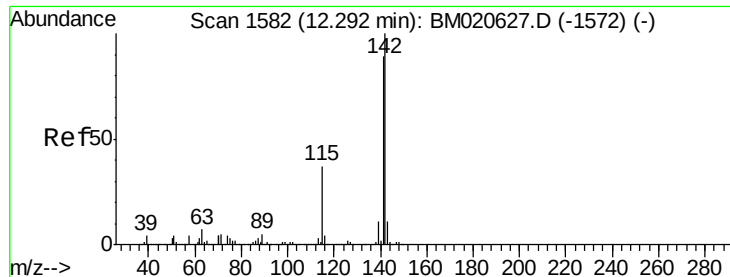
Ion Ratio Lower Upper

107 100

144 25.9 20.3 30.5

142 80.3 62.6 93.8





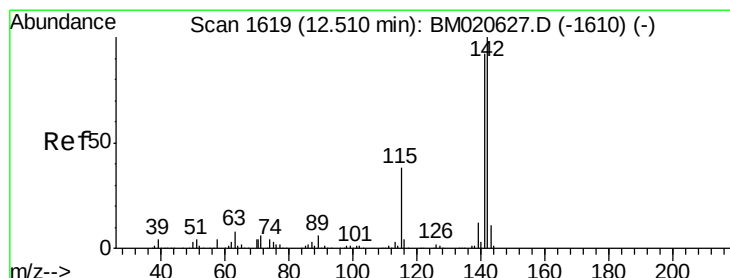
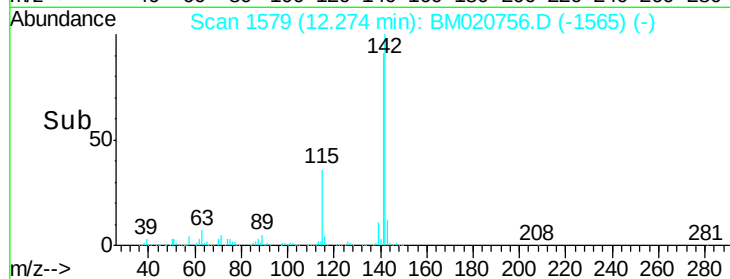
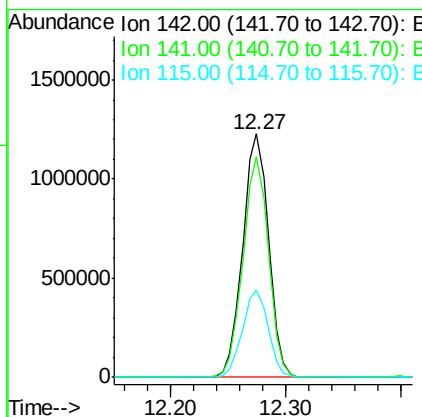
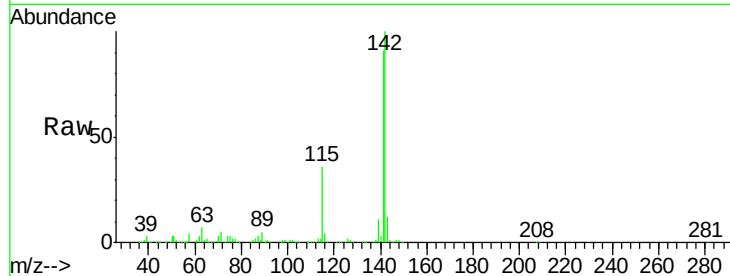
#37
2-Methylnaphthalene
Concen: 37.747 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.6	107.4
115	35.9	29.6	44.4

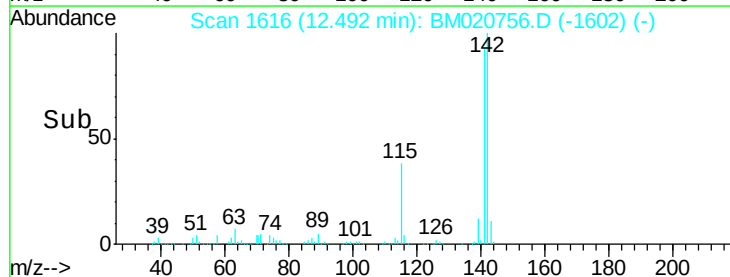
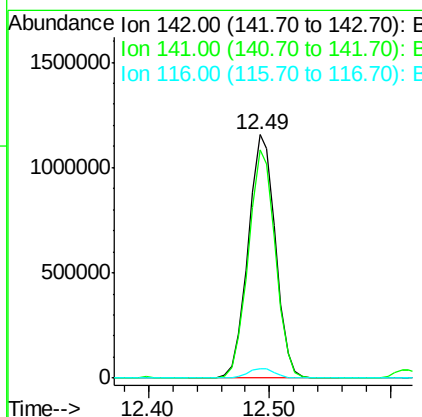
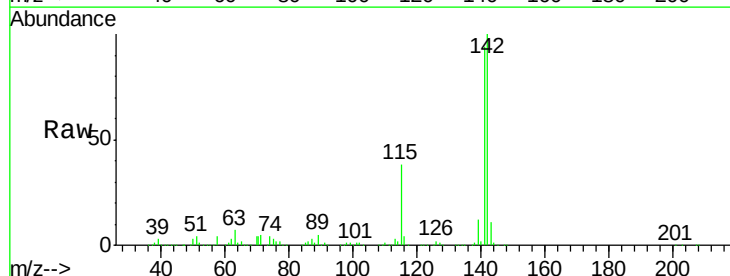
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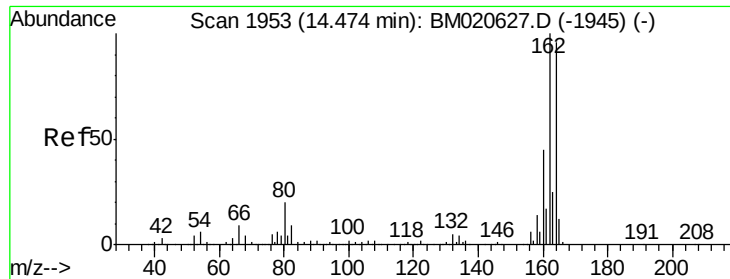
mohammad
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#38
1-Methylnaphthalene
Concen: 37.703 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.9	110.9
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

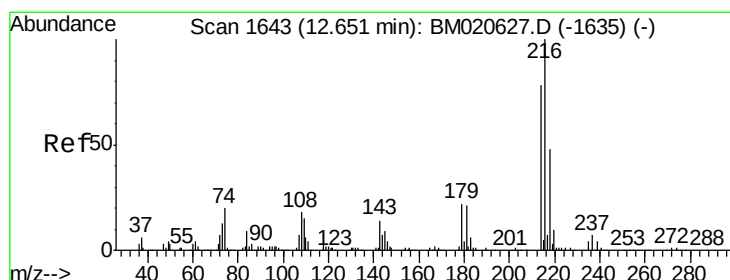
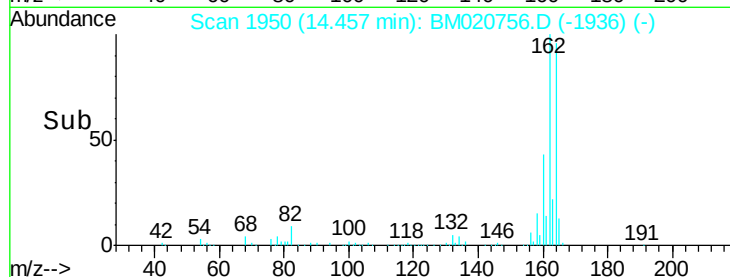
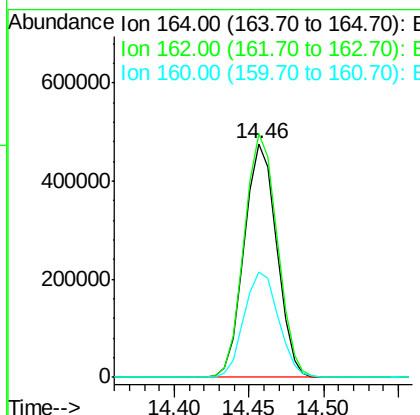
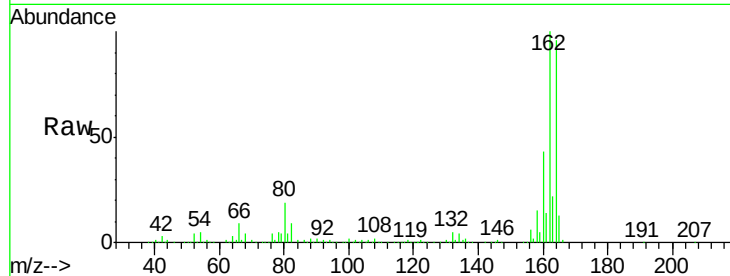
ClientSampleId :

SSTDCCC040EC

Tot Ion:	164	Resp:	718294
Ion Ratio	Lower	Upper	
164	100		
162	104.1	83.2	124.8
160	45.2	37.5	56.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.753 ng

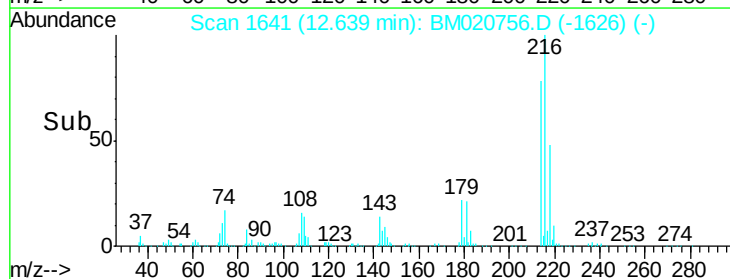
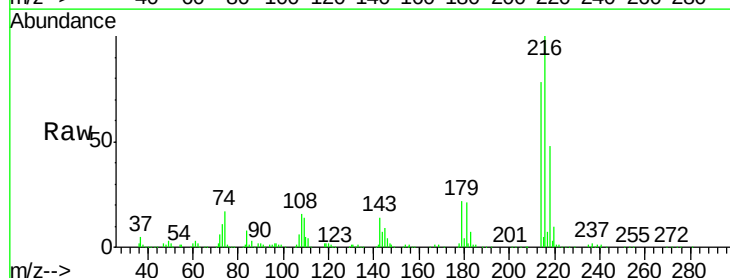
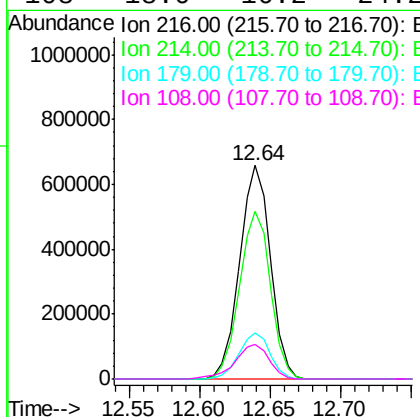
RT: 12.64 min Scan# 1641

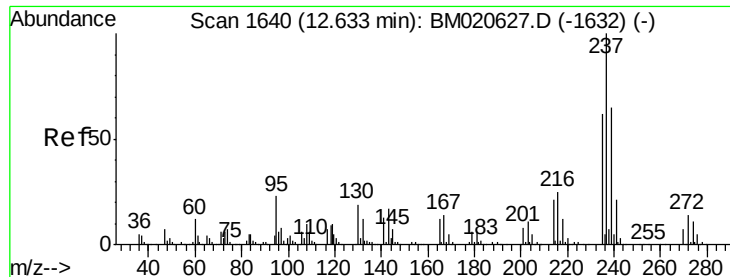
Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	216	Resp:	1006376
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	21.6	17.9	26.9
108	18.0	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 33.006 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

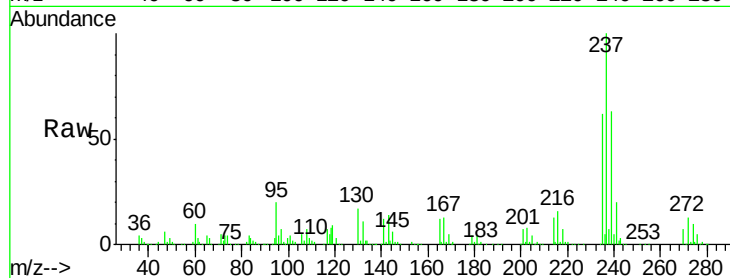
ClientSampleId :

SSTDCCC040EC

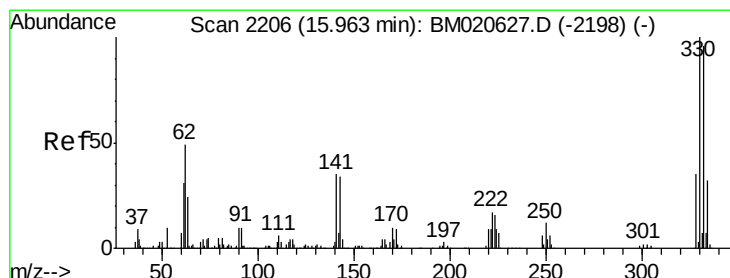
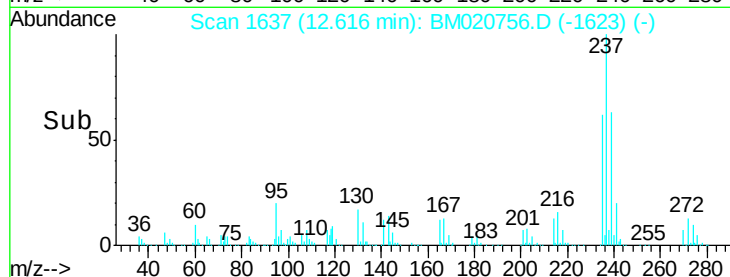
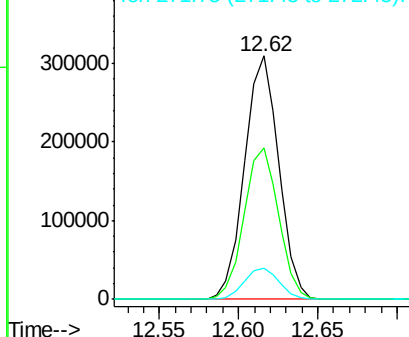
Tot Ion:	237	Resp:	464670
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.1	82.1
272	13.0	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 84.072 ng

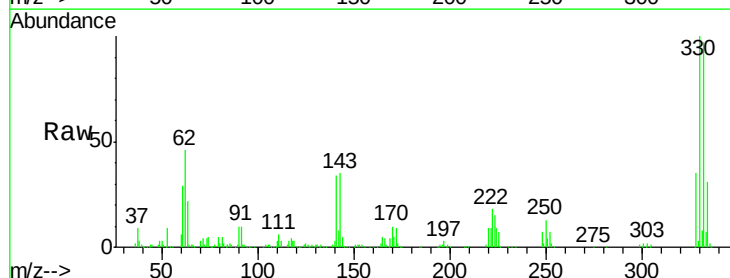
RT: 15.94 min Scan# 2203

Delta R.T. -0.02 min

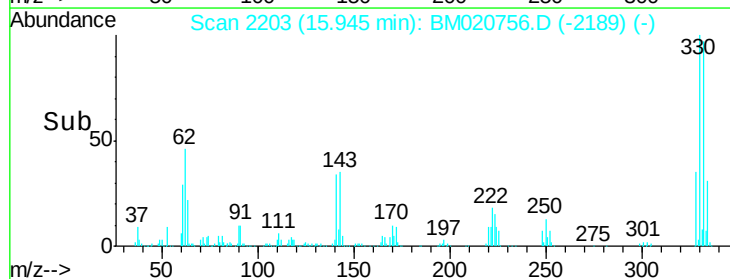
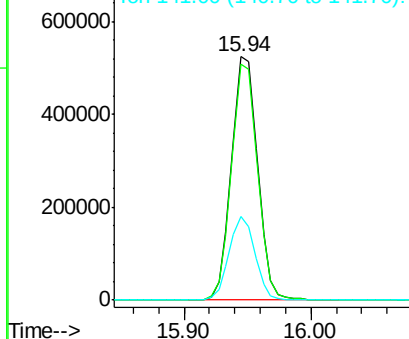
Lab File: BM020756.D

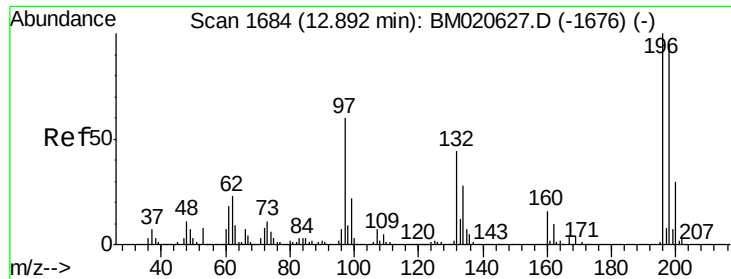
Acq: 06 Jun 2019 03:06

Tgt Ion:	330	Resp:	748209
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	34.1	30.4	45.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





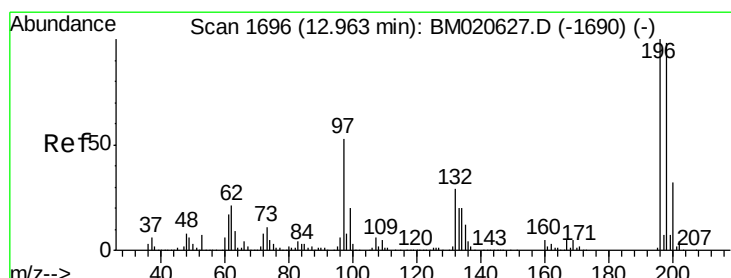
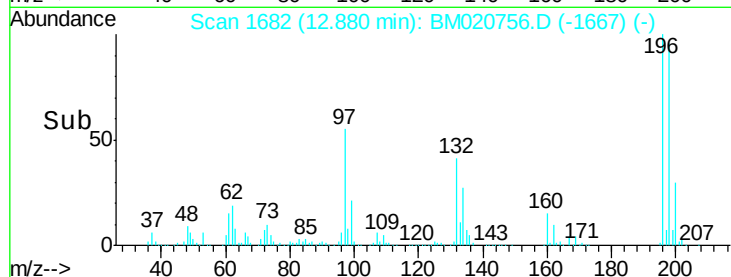
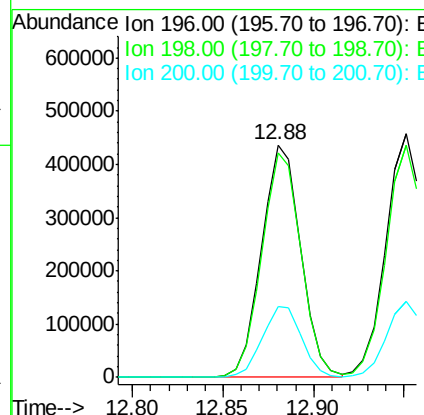
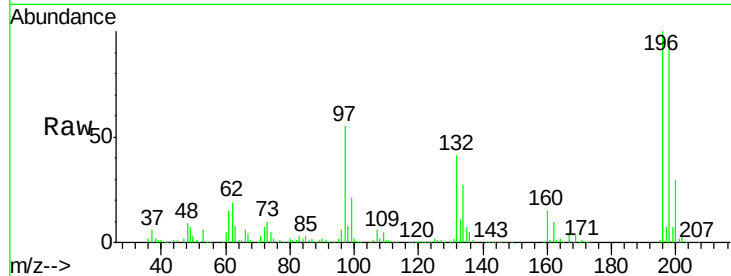
#43
 2,4,6-Trichlorophenol
 Concen: 43.279 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	30.3	23.9	35.9

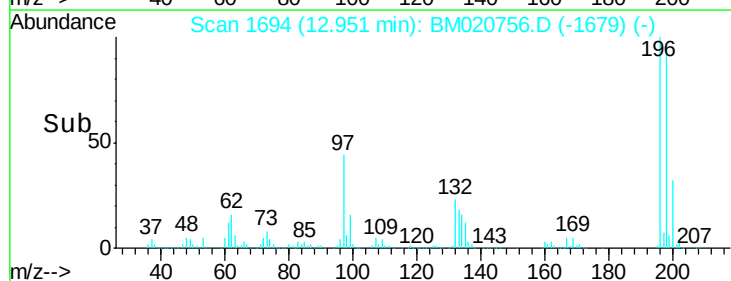
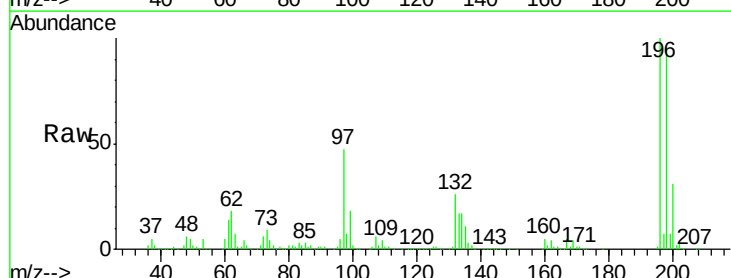
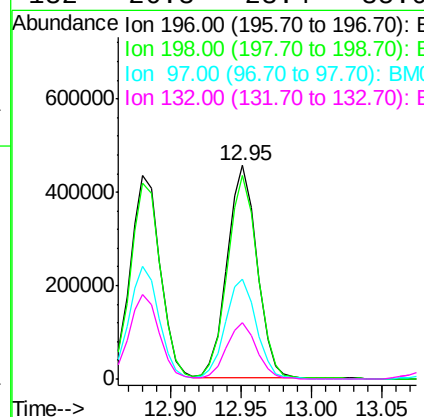
Manual Integrations
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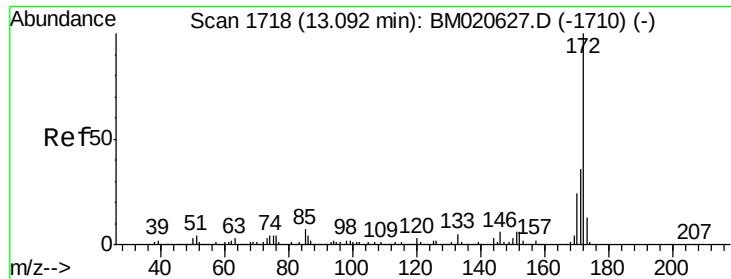
mohammad
 6/6/2019 11:22:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.087 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.6	117.8
97	47.0	42.7	64.1
132	26.3	23.4	35.0





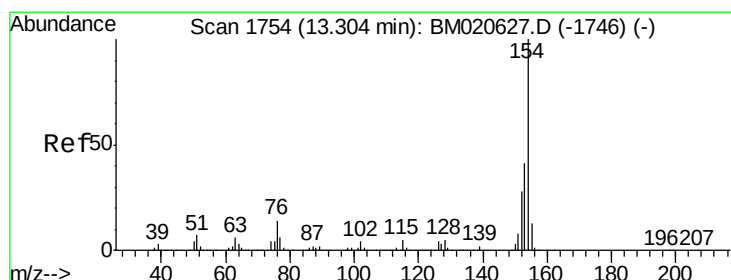
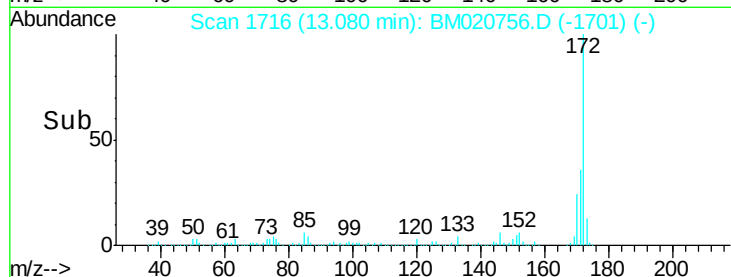
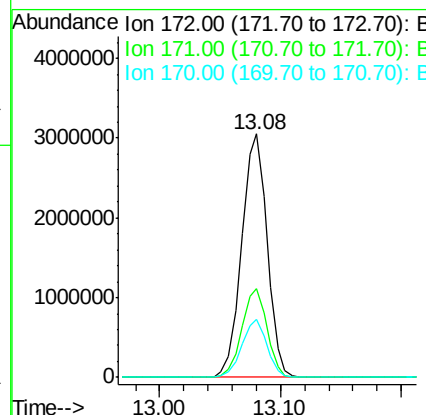
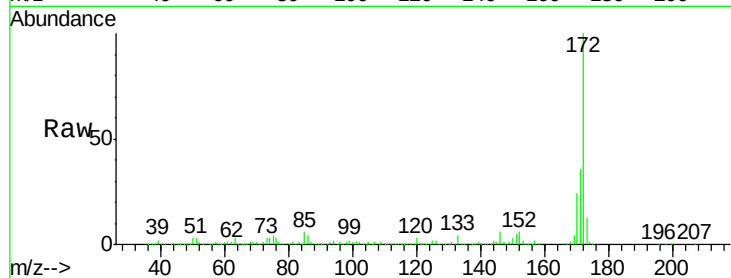
#45
2-Fluorobiphenyl
Concen: 82.967 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:172 Resp: 4482643
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.6 18.9 28.3

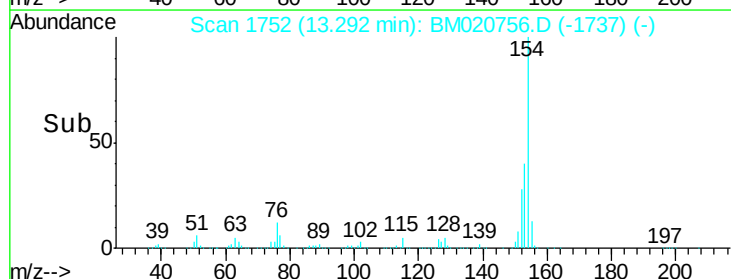
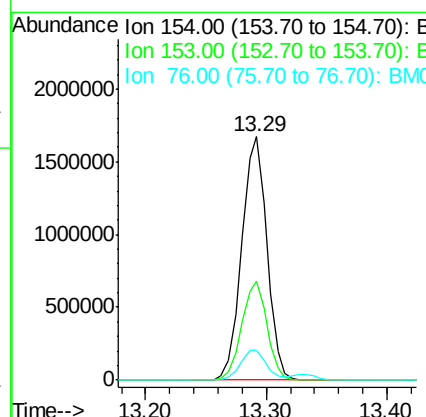
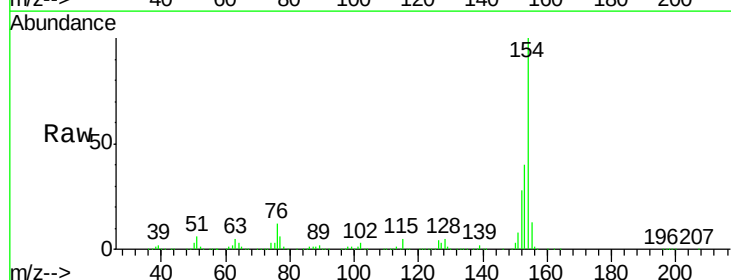
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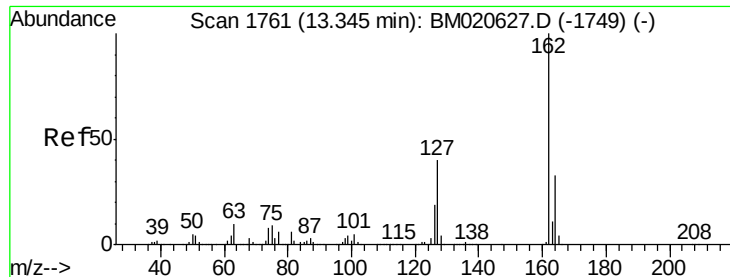
mohammad
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#46
1,1'-Biphenyl
Concen: 40.431 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion:154 Resp: 2425415
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 12.1 0.0 34.0





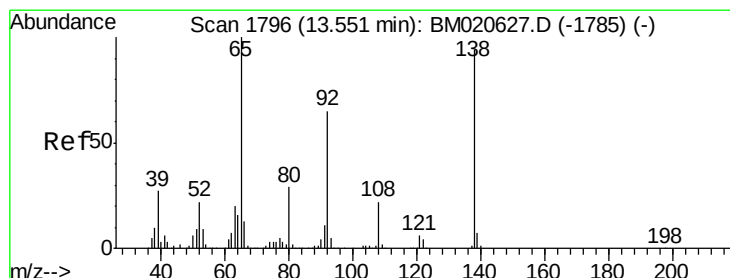
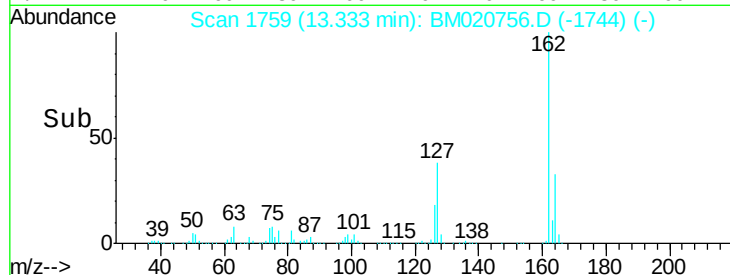
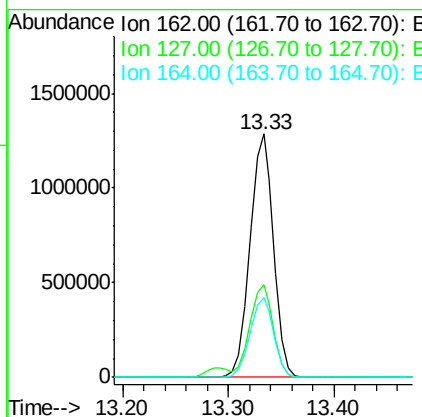
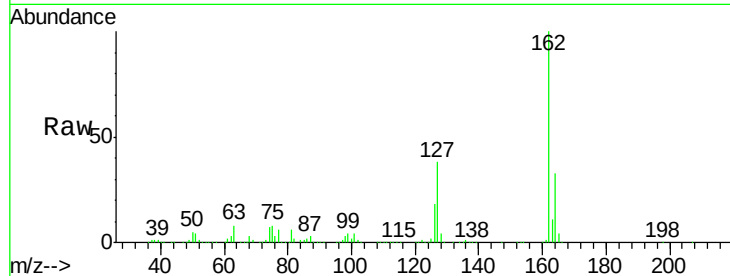
#47
2-Chloronaphthalene
Concen: 41.065 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.1	48.1
164	32.9	26.6	39.8

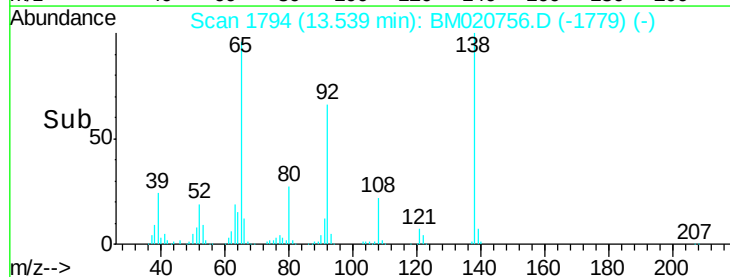
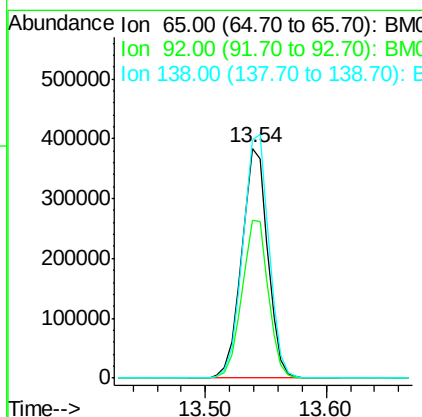
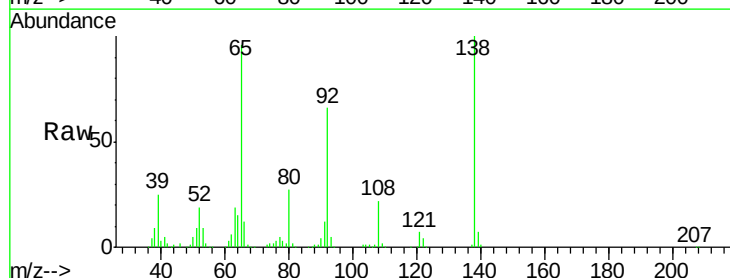
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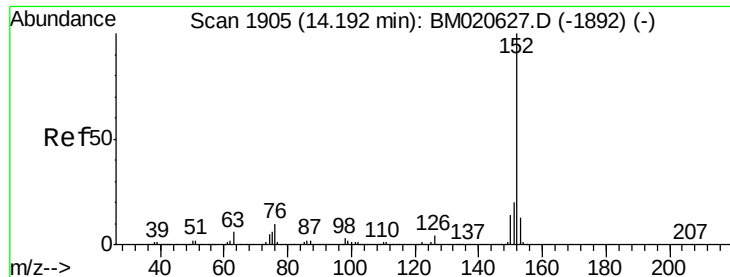
mohammad
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#48
2-Nitroaniline
Concen: 38.177 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	52.2	78.4
138	103.7	75.4	113.0





#49

Acenaphthylene

Concen: 39.414 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 2977506

Ion Ratio Lower Upper

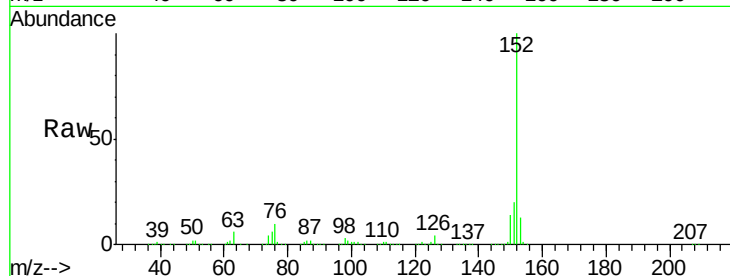
152 100

151 20.0 16.2 24.2

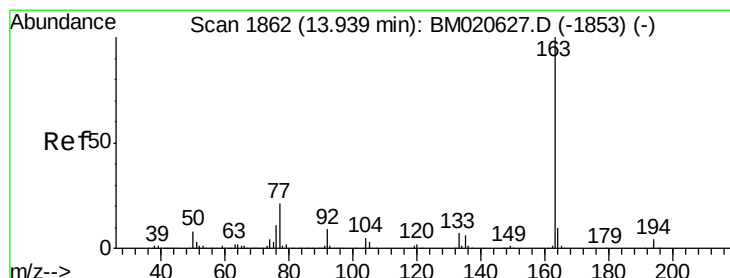
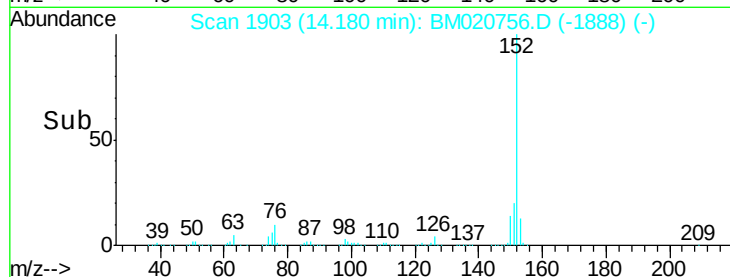
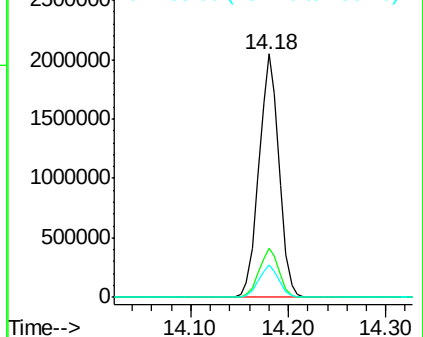
153 13.3 10.6 15.8

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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: 38.291 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

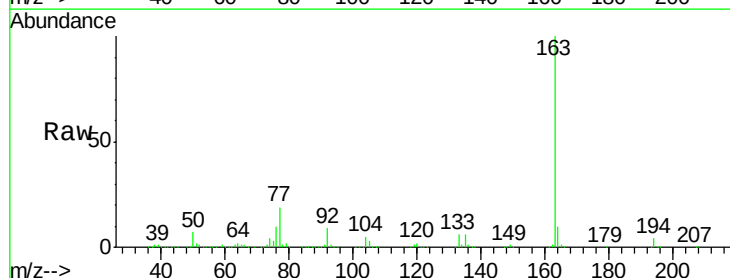
Tgt Ion:163 Resp: 2349849

Ion Ratio Lower Upper

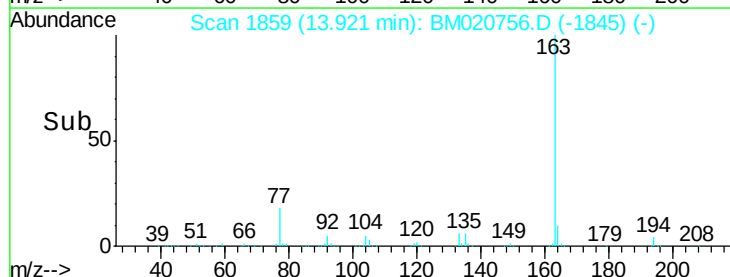
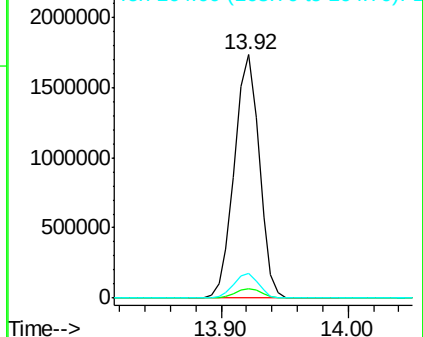
163 100

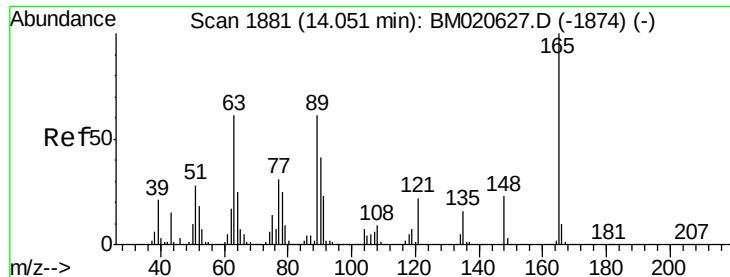
194 4.1 3.2 4.8

164 10.0 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 39.545 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

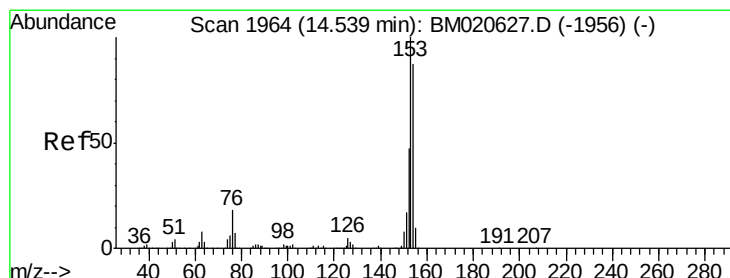
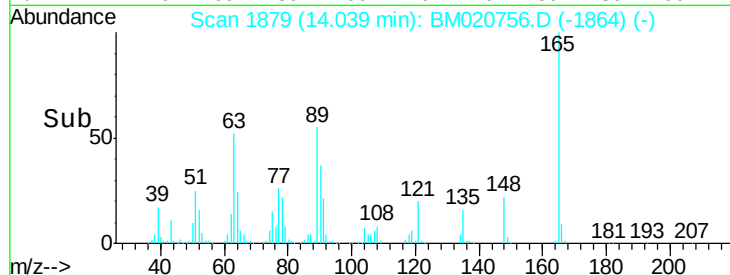
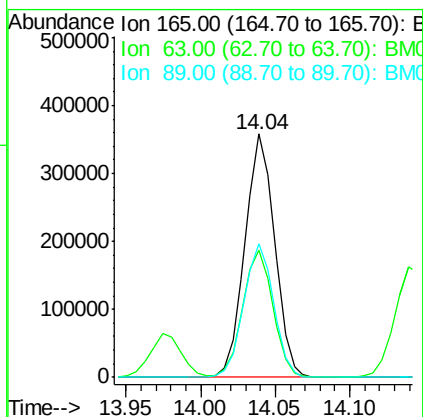
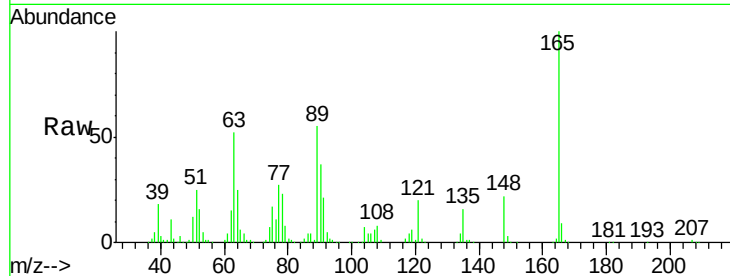
ClientSampleId :

SSTDCCC040EC

Tot Ion:	165	Resp:	492756
Ion Ratio	Lower	Upper	
165	100		
63	52.4	50.4	75.6
89	54.6	49.1	73.7

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#52

Acenaphthene

Concen: 39.269 ng

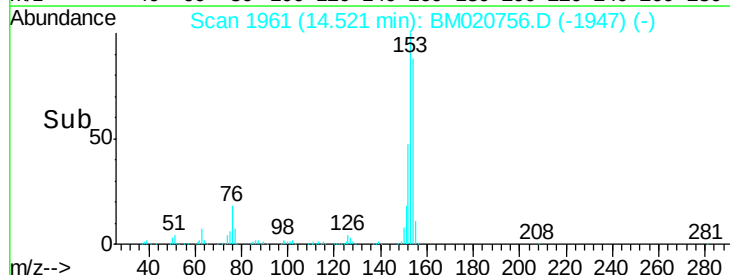
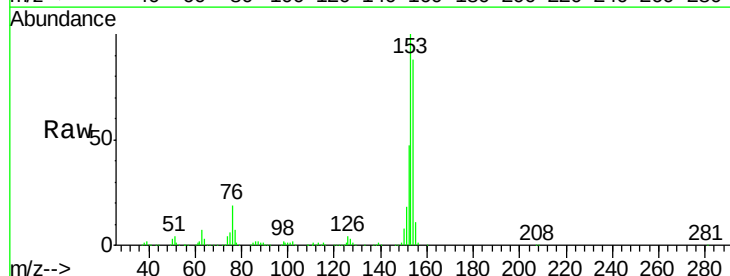
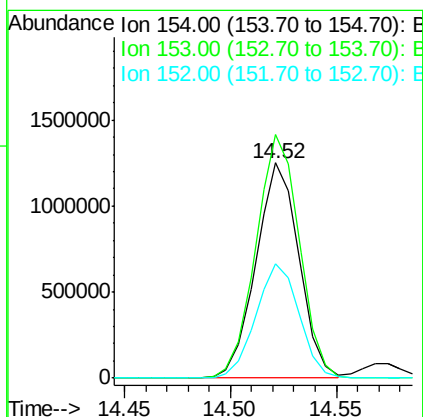
RT: 14.52 min Scan# 1961

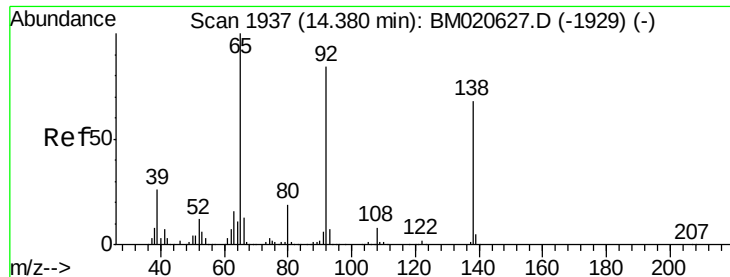
Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	154	Resp:	1767897
Ion Ratio	Lower	Upper	
154	100		
153	113.3	92.4	138.6
152	53.4	43.4	65.0





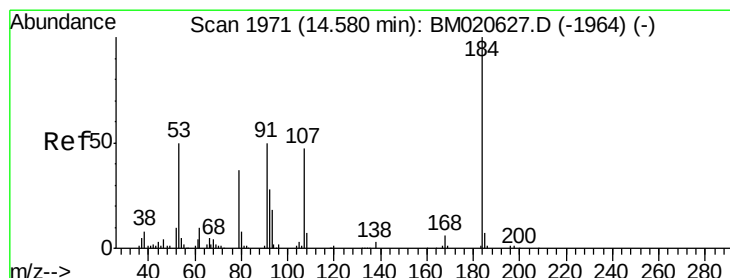
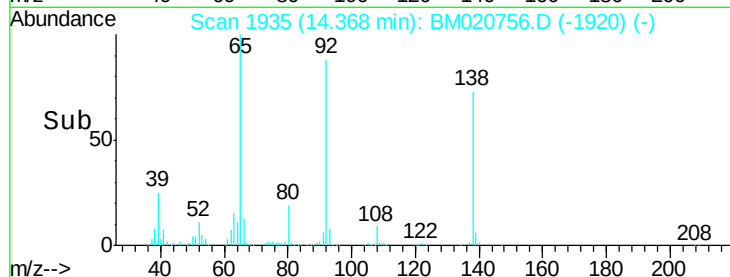
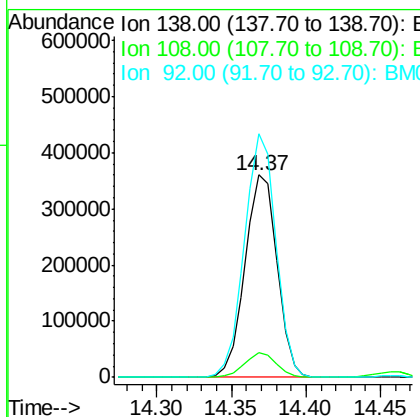
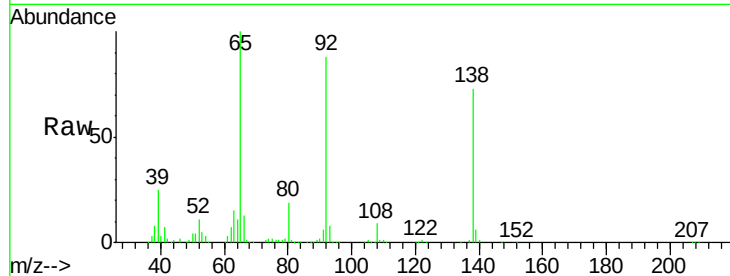
#53
3-Nitroaniline
Concen: 38.565 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.5	14.3
92	120.3	99.6	149.4

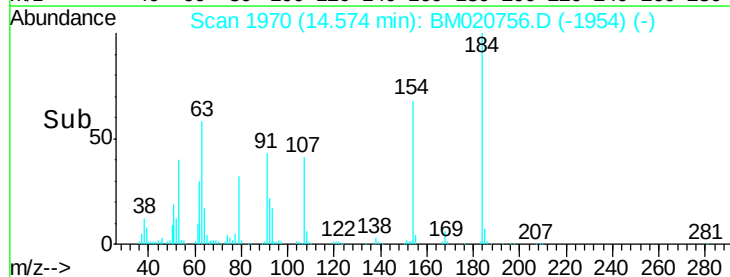
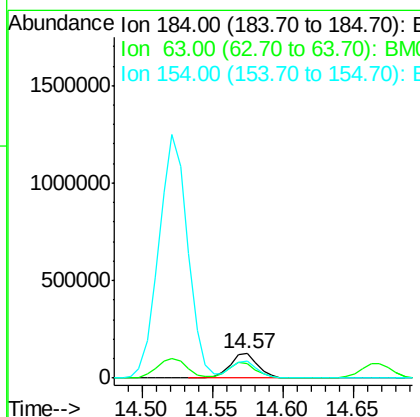
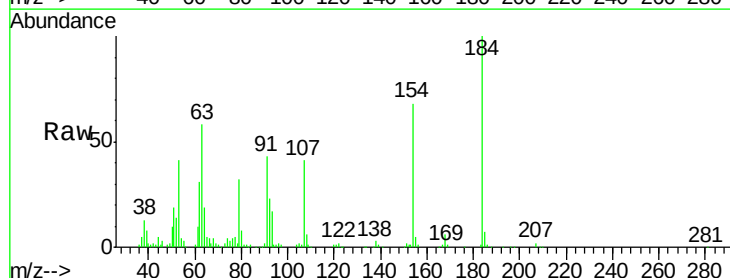
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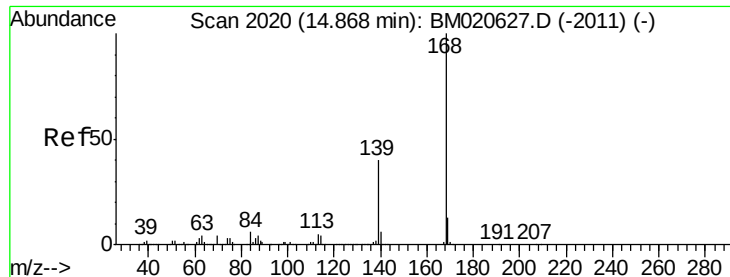
mohammad
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#54
2,4-Dinitrophenol
Concen: 37.291 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	59.3	88.9#
154	68.4	56.5	84.7





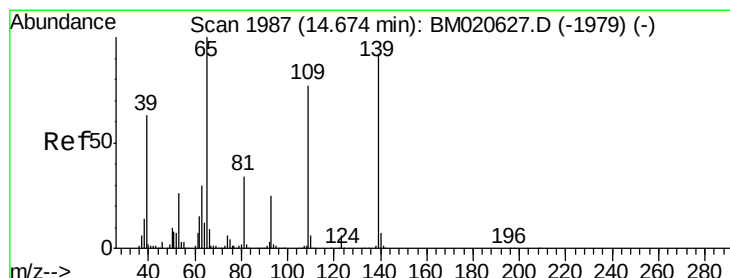
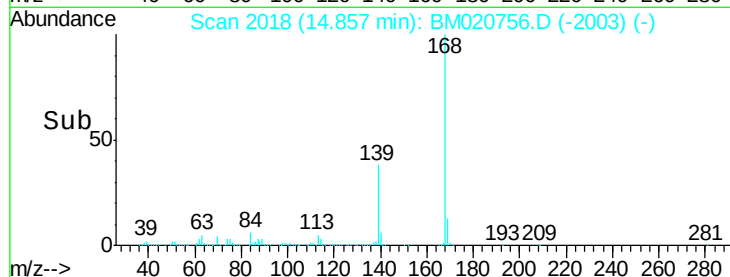
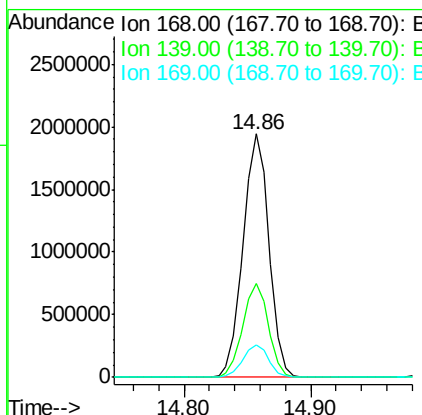
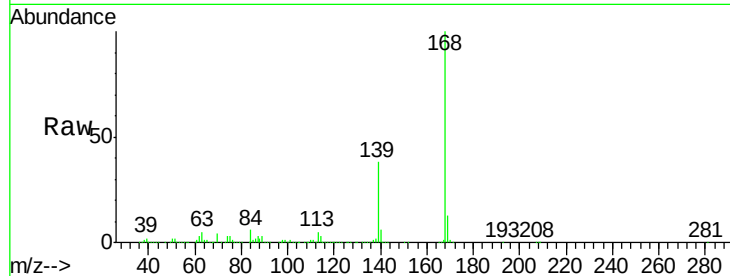
#55
Dibenzenofuran
Concen: 39.363 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.9	47.9
169	13.5	10.7	16.1

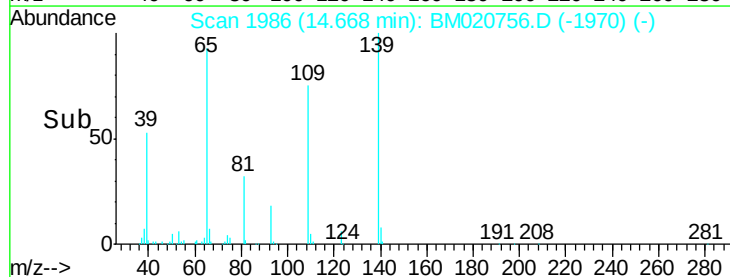
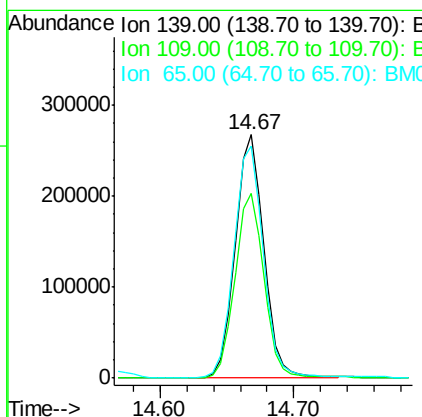
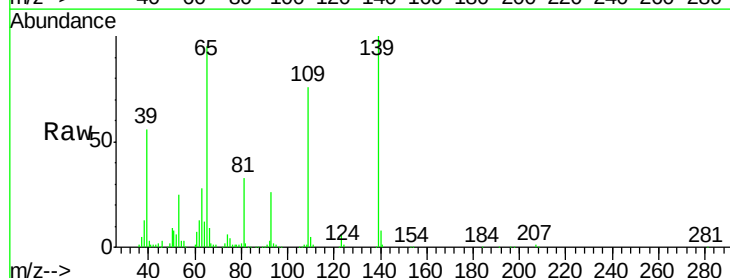
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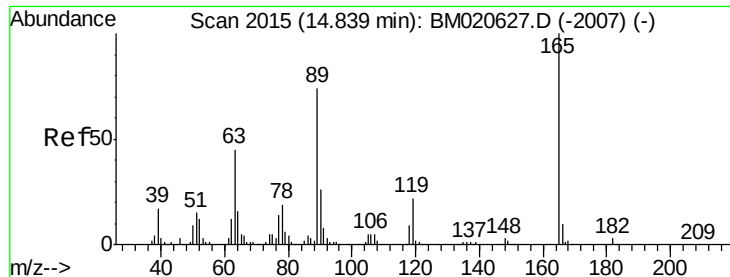
mohammad
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#56
4-Nitrophenol
Concen: 38.888 ng
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.7	62.7	102.7
65	95.1	88.3	128.3





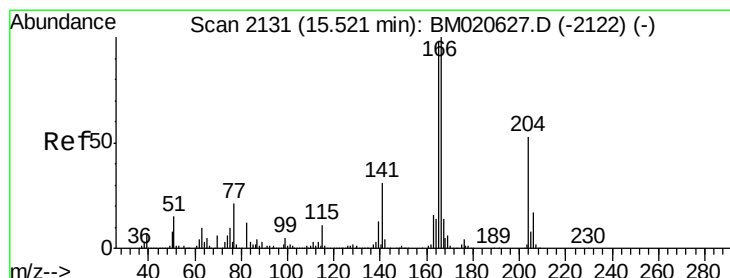
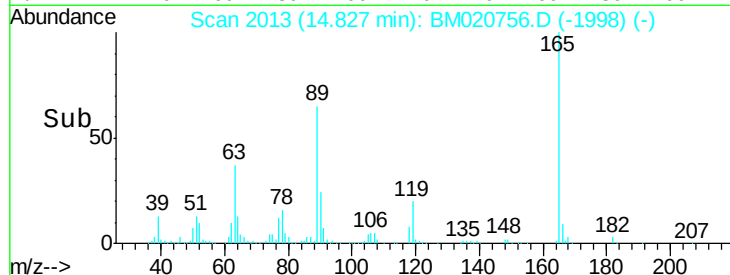
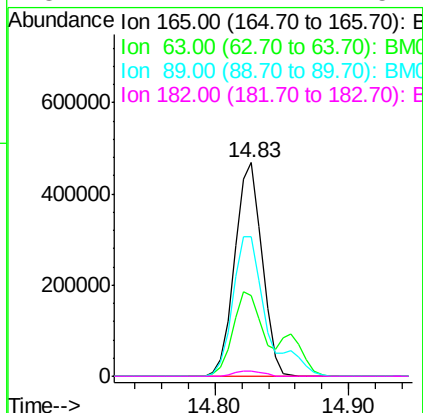
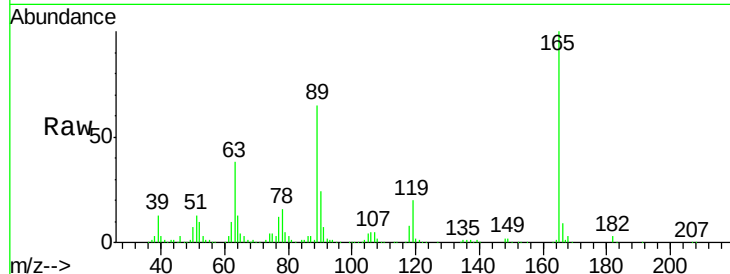
#57
 2,4-Dinitrotoluene
 Concen: 39.803 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	36.3	54.5
89	65.5	59.0	88.6
182	2.7	2.2	3.4

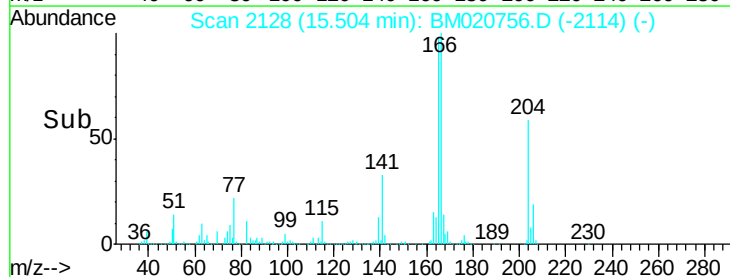
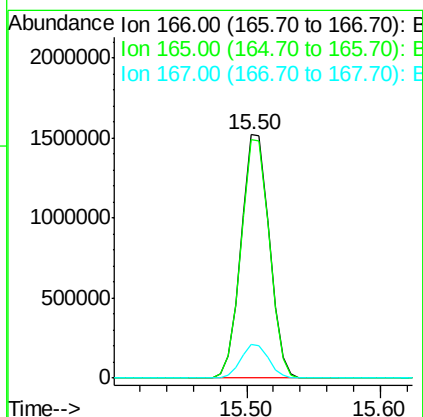
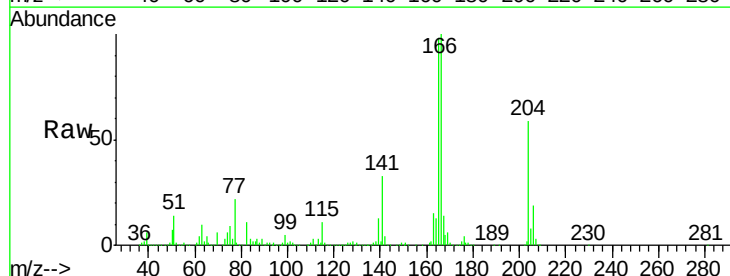
Manual Integrations
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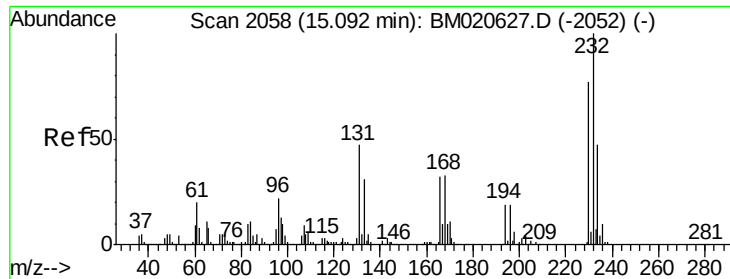
mohammad
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#58
 Fluorene
 Concen: 38.625 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.9	11.0	16.4





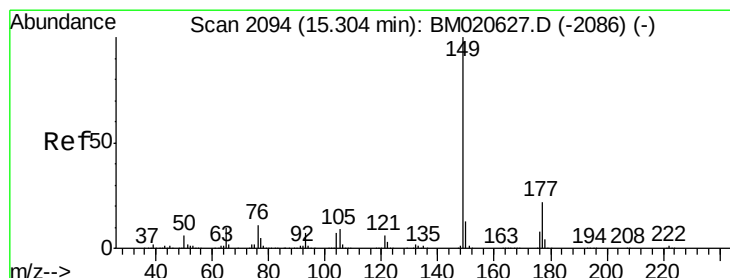
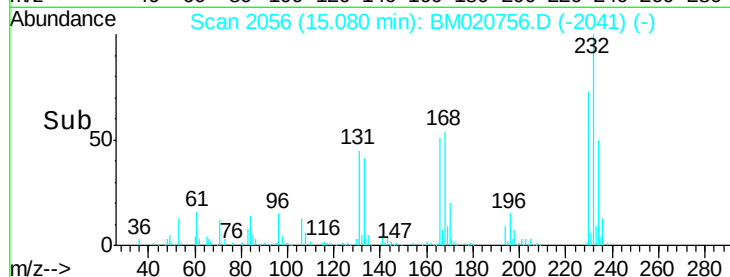
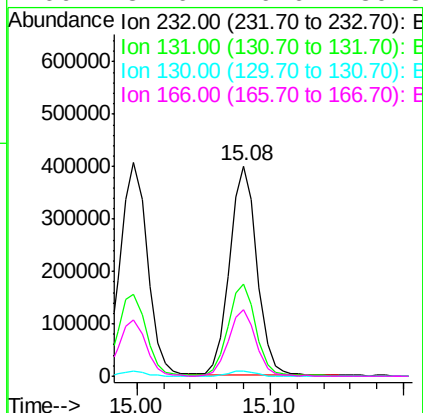
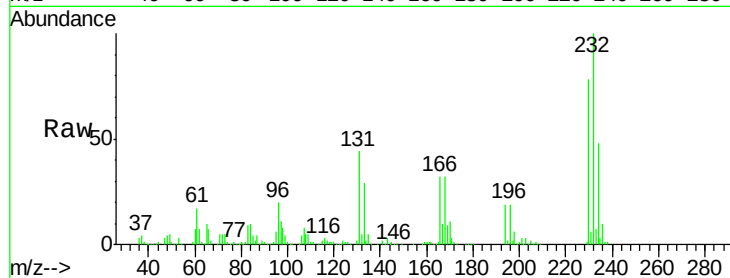
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.958 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	232	Resp:	571916
Ion Ratio	Lower	Upper	
232	100		
131	44.1	38.6	57.8
130	2.4	2.2	3.2
166	31.6	26.6	39.8

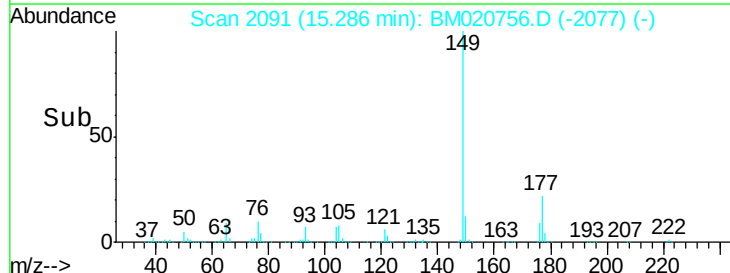
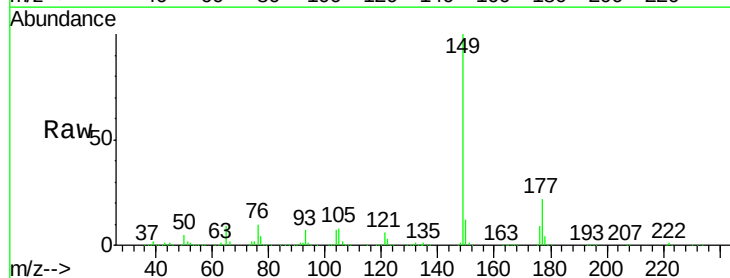
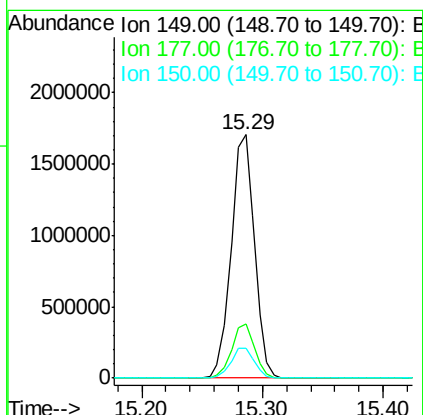
Manual Integrations
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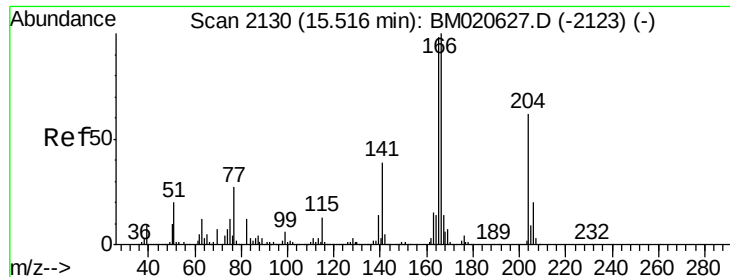
mohammad
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#60
 Diethylphthalate
 Concen: 36.155 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion:	149	Resp:	2288284
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.2	25.8
150	12.2	10.1	15.1





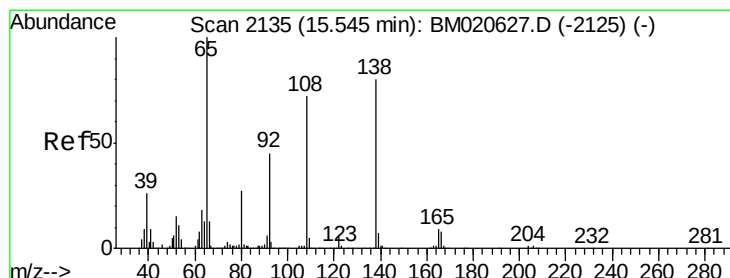
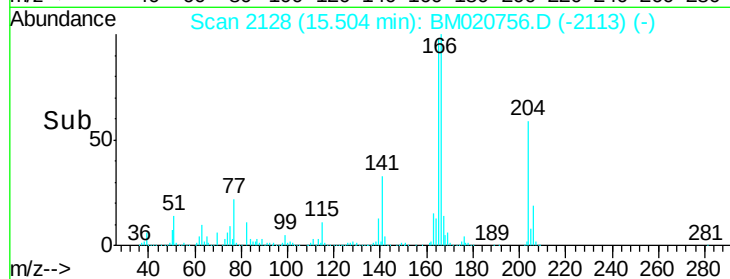
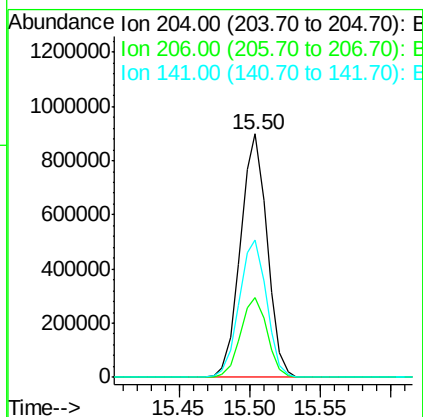
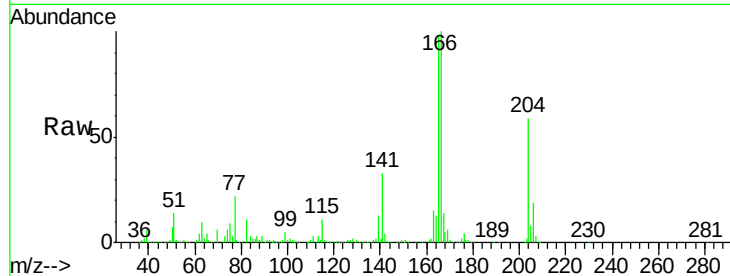
#61
4-Chlorophenyl-phenylether
Concen: 38.882 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 1183783
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.8
141 56.3 50.2 75.4

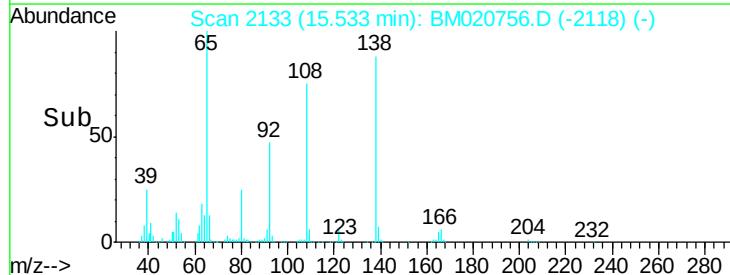
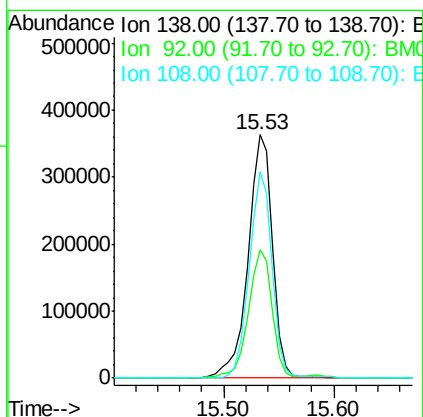
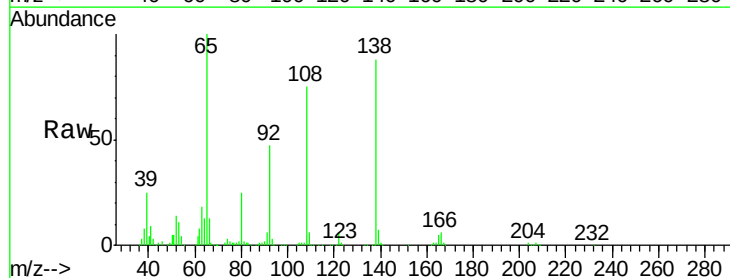
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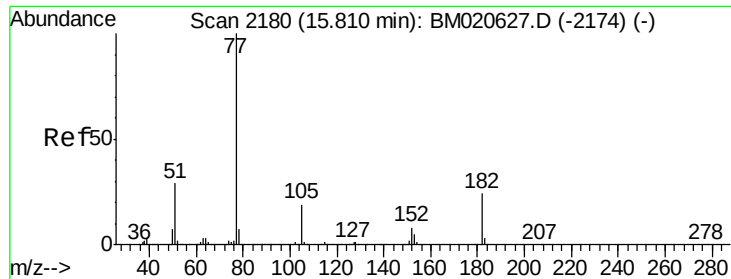
mohammad
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#62
4-Nitroaniline
Concen: 38.291 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion:138 Resp: 564813
Ion Ratio Lower Upper
138 100
92 52.8 36.7 76.7
108 85.0 70.3 110.3





#63

Azobenzene

Concen: 34.330 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 2083055

Ion Ratio Lower Upper

77 100

182 27.8 3.6 43.6

105 20.3 0.0 39.4

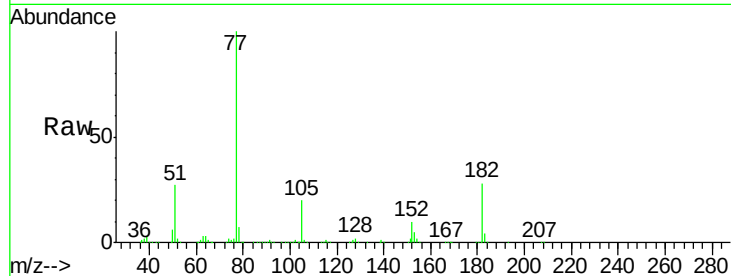
51 27.3 9.5 49.5

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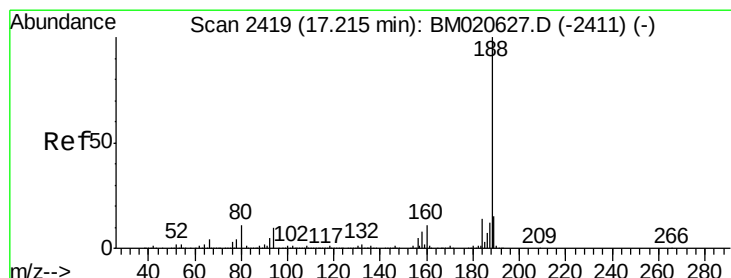
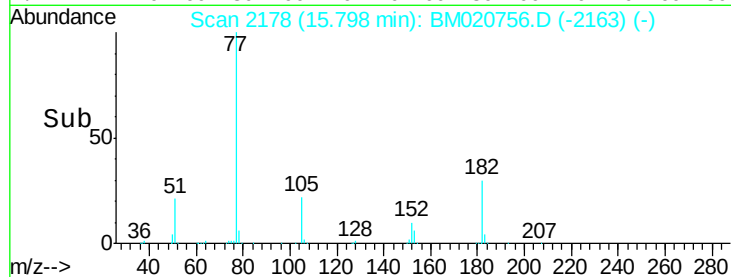
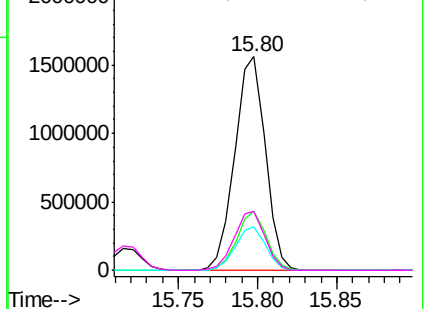


Abundance Ion 77.00 (76.70 to 77.70): BM020627.D (-2174) (-)

Ion 182.00 (181.70 to 182.70): BM020627.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BM020627.D (-2174) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-2174) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

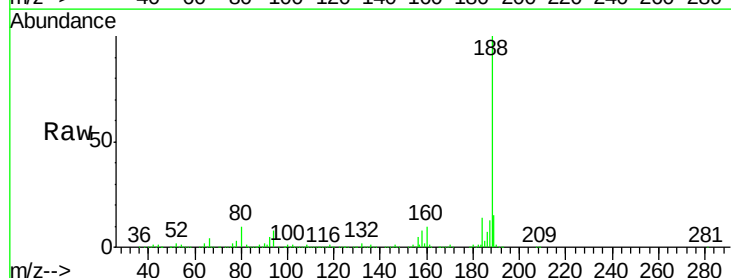
Tgt Ion: 188 Resp: 1497710

Ion Ratio Lower Upper

188 100

94 8.4 7.8 11.8

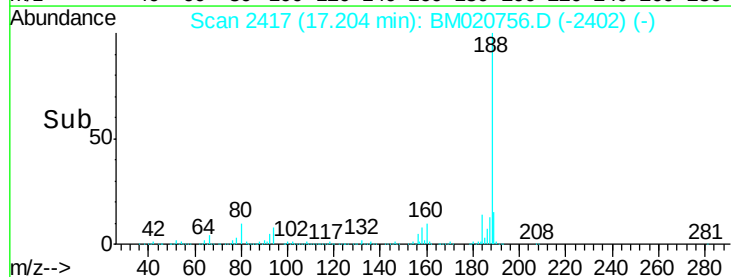
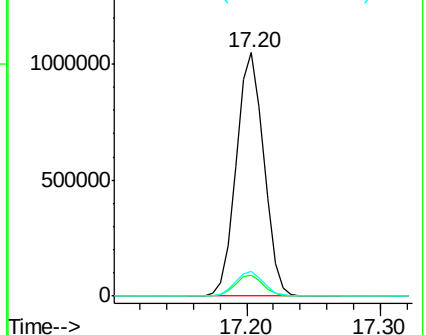
80 9.9 9.0 13.6

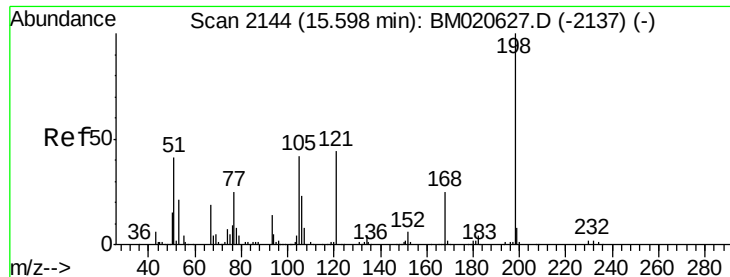


Abundance Ion 188.00 (187.70 to 188.70): BM020627.D (-2411) (-)

Ion 94.00 (93.70 to 94.70): BM020627.D (-2411) (-)

Ion 80.00 (79.70 to 80.70): BM020627.D (-2411) (-)





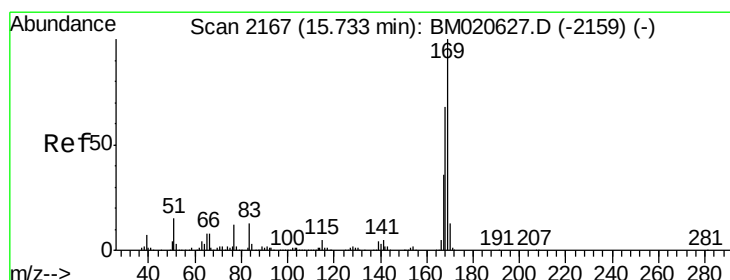
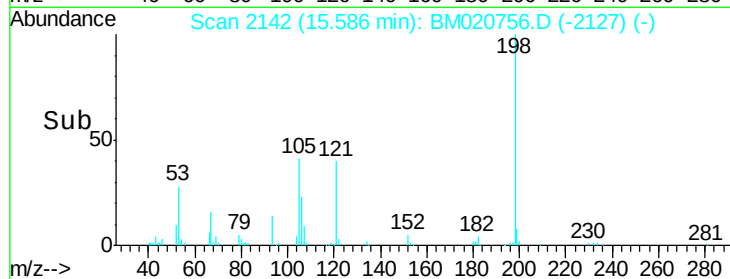
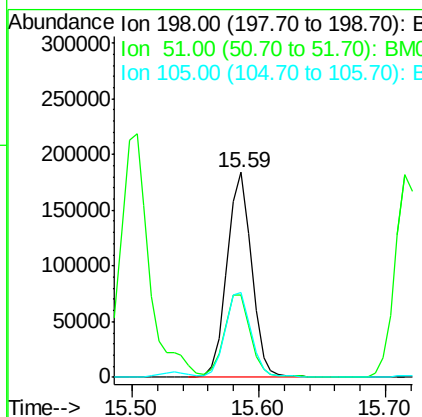
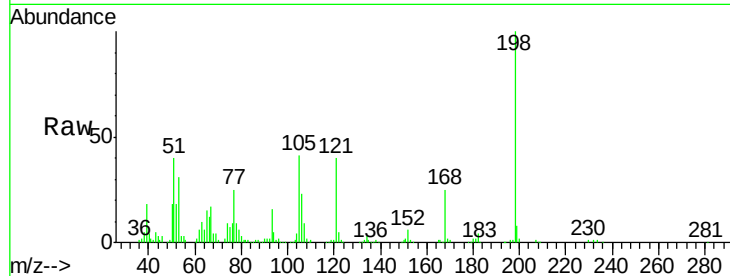
#65
4,6-Dinitro-2-methylphenol
Concen: 38.386 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.4	27.7	67.7
105	41.2	23.8	63.8

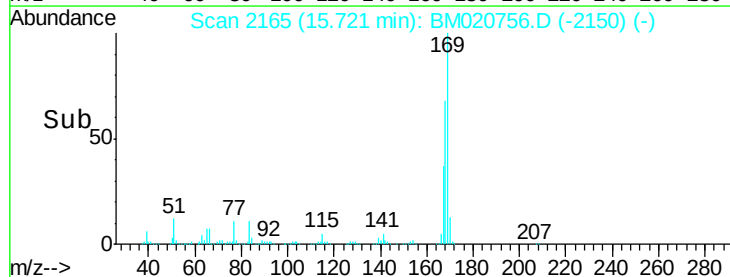
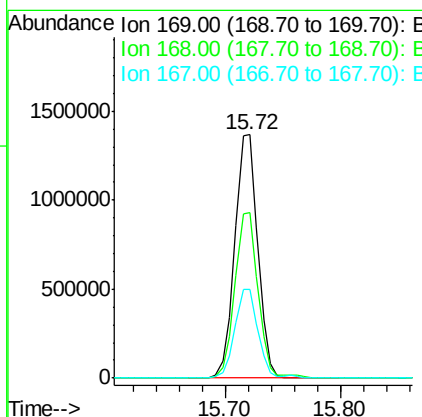
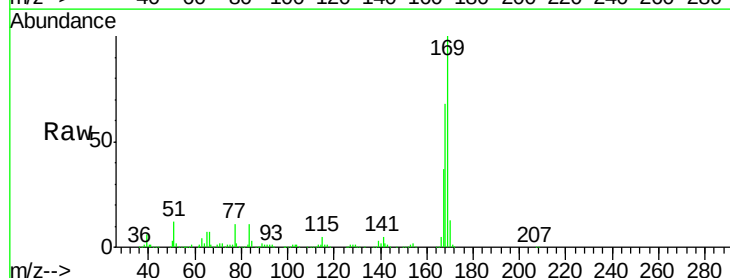
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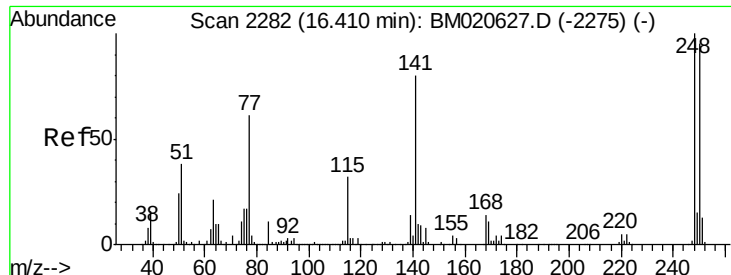
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#66
n-Nitrosodiphenylamine
Concen: 39.234 ng
RT: 15.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.4
167	36.6	29.1	43.7





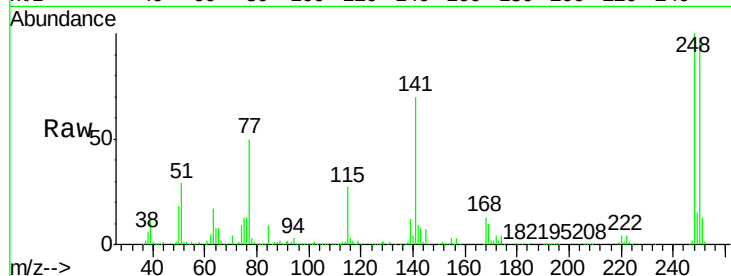
#67
 4-Bromophenyl-phenylether
 Concen: 40.081 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

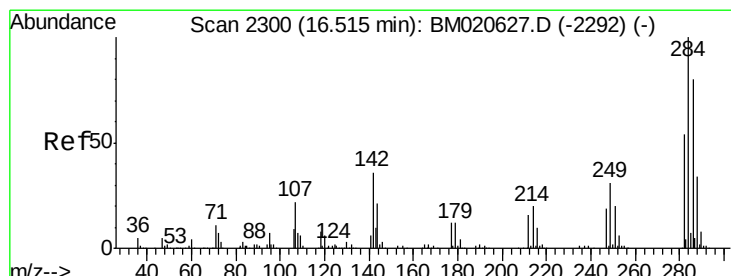
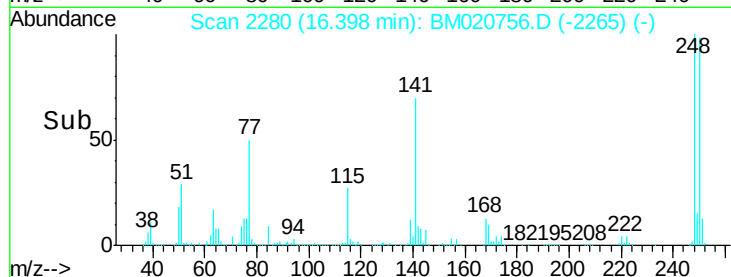
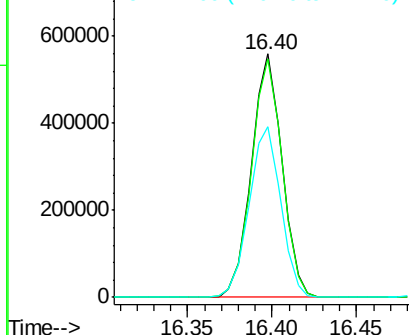
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.3	114.5
141	70.2	64.2	96.2

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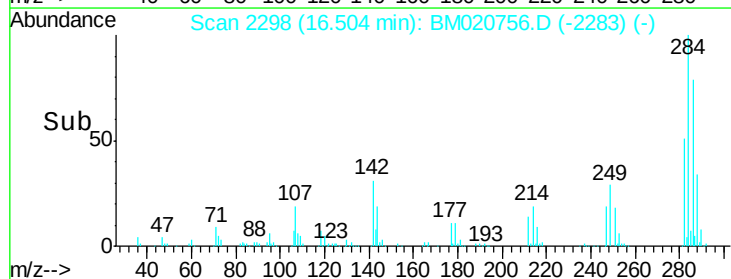
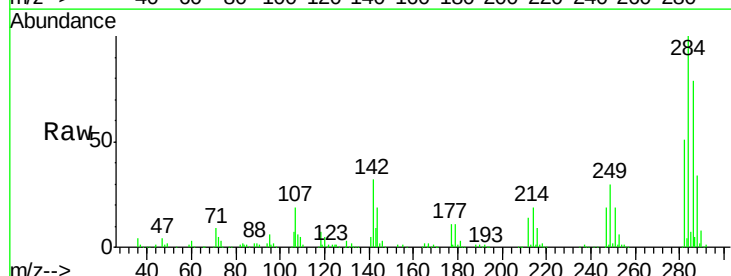
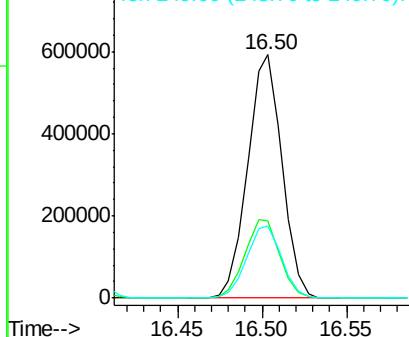
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

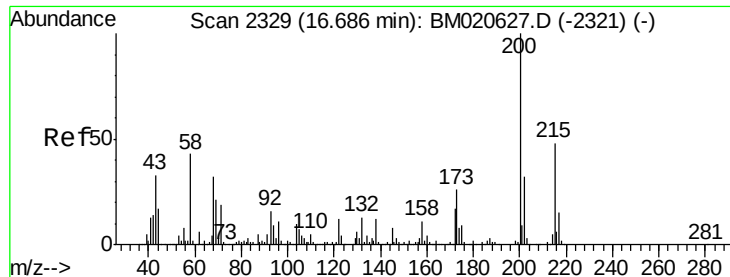


#68
 Hexachlorobenzene
 Concen: 40.607 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	28.6	42.8
249	29.8	25.0	37.4

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





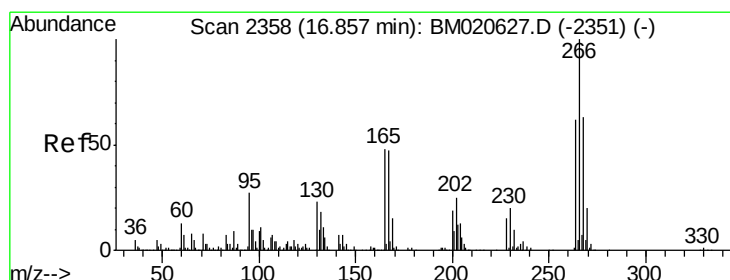
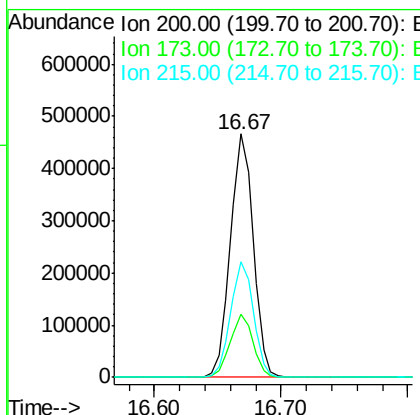
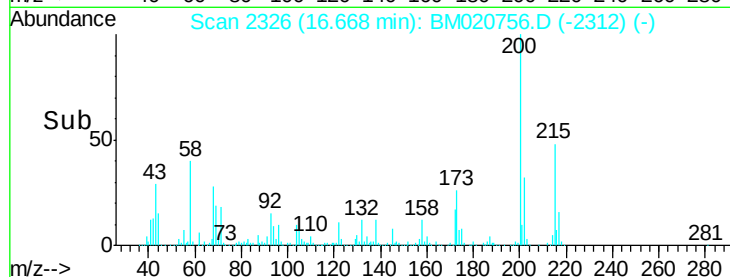
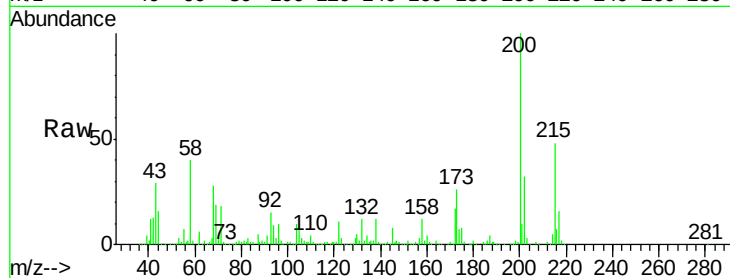
#69
 Atrazine
 Concen: 40.489 ng
 RT: 16.67 min Scan# 2326
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

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

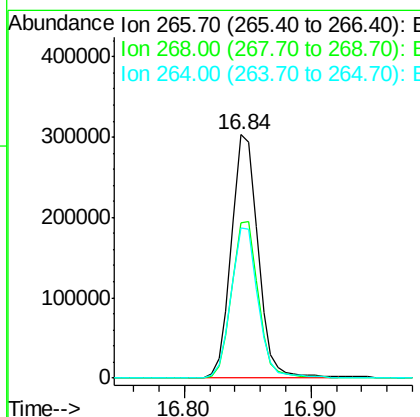
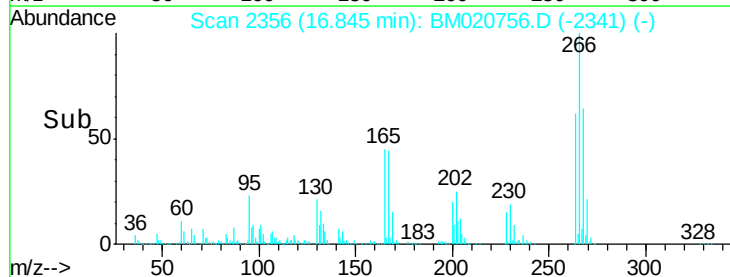
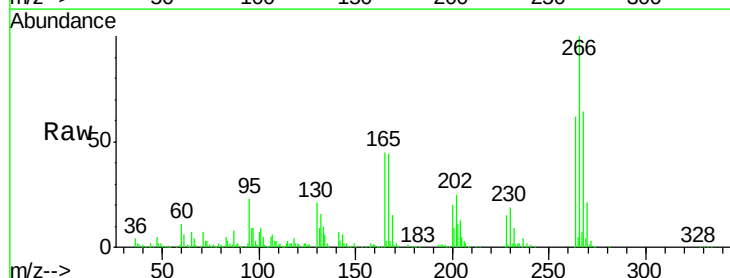
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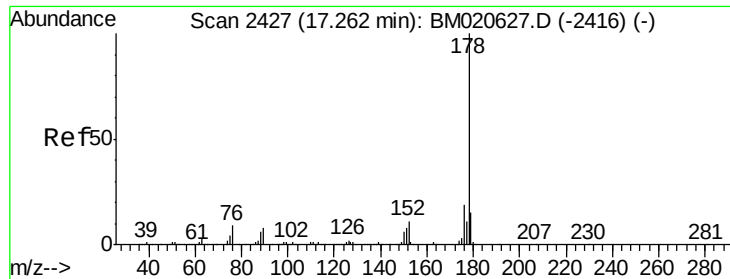
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#70
 Pentachlorophenol
 Concen: 45.020 ng
 RT: 16.84 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	75.8
264	61.9	49.6	74.4





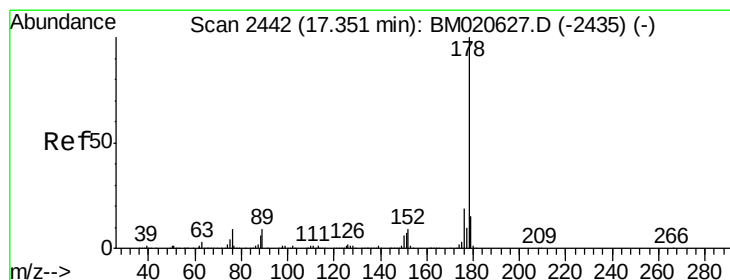
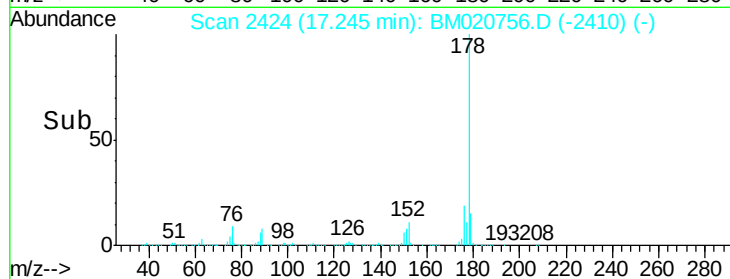
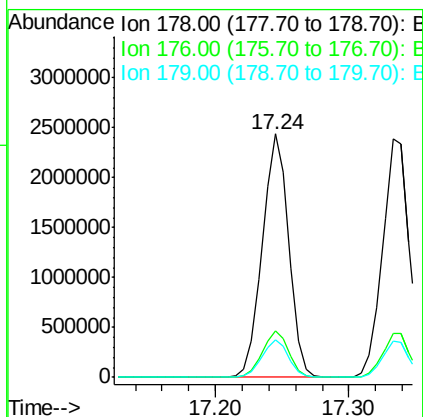
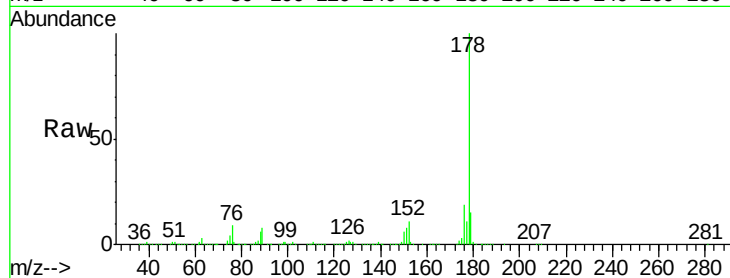
#71
Phenanthrene
Concen: 39.139 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.2	18.4

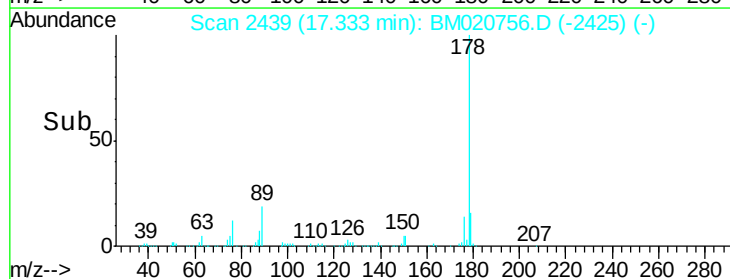
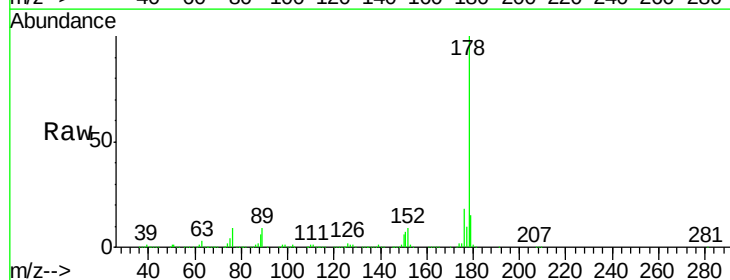
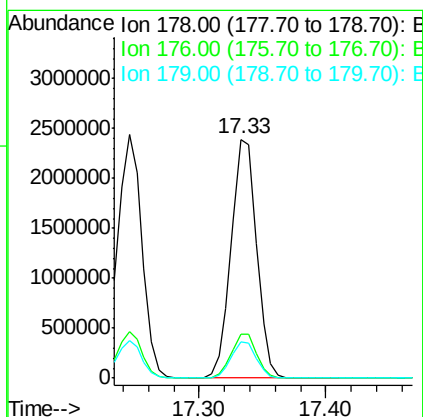
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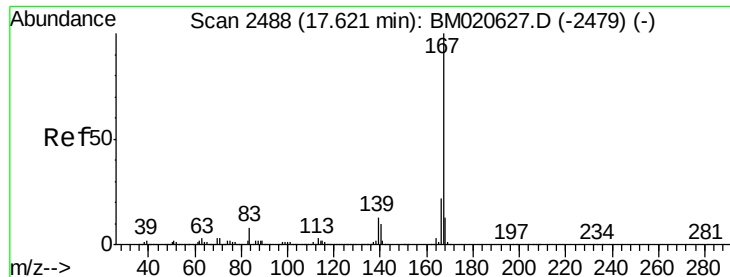
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#72
Anthracene
Concen: 38.967 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.2	12.3	18.5





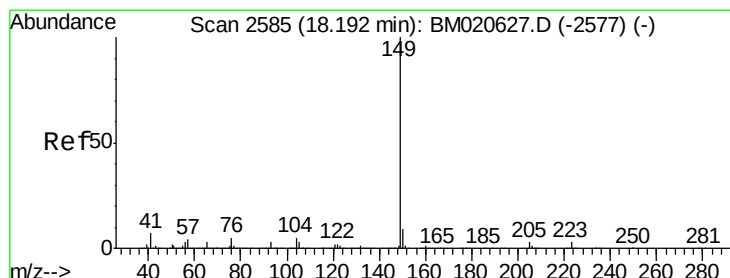
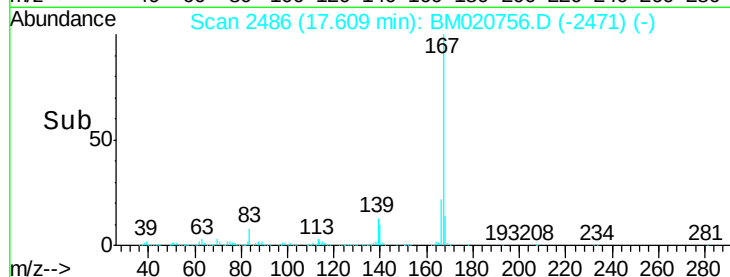
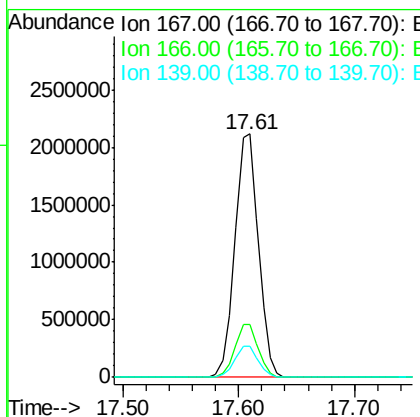
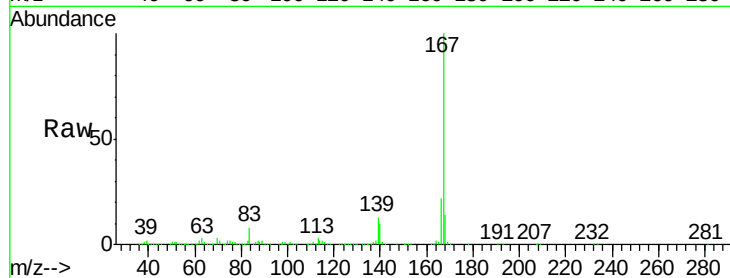
#73
 Carbazole
 Concen: 38.659 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	12.6	10.6	15.8

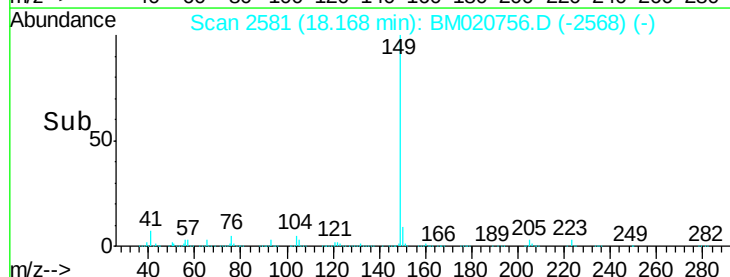
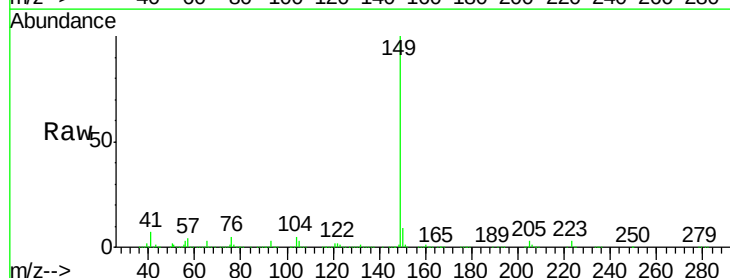
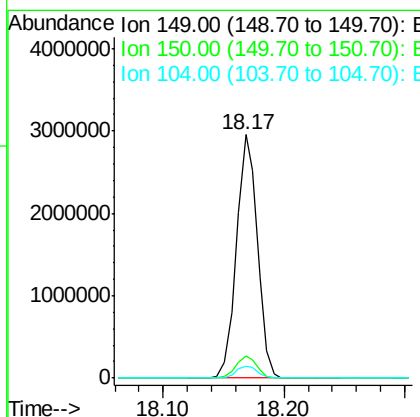
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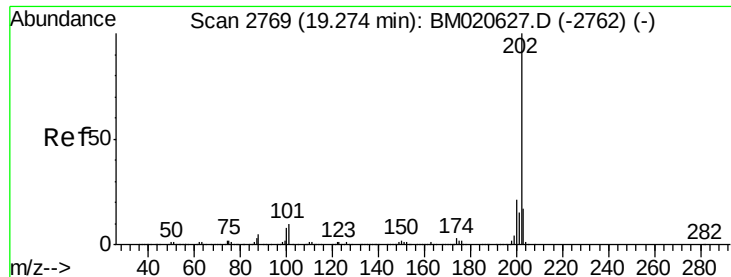
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#74
 Di-n-butylphthalate
 Concen: 35.702 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 39.344 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

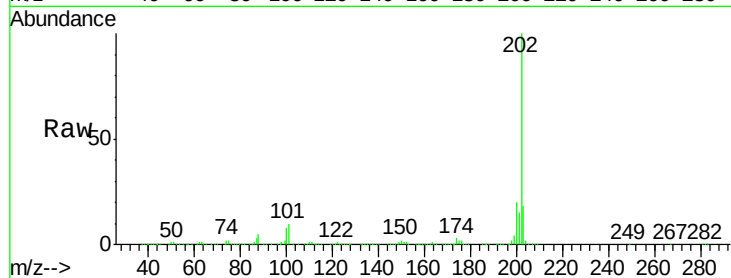
ClientSampleId :

SSTDCCC040EC

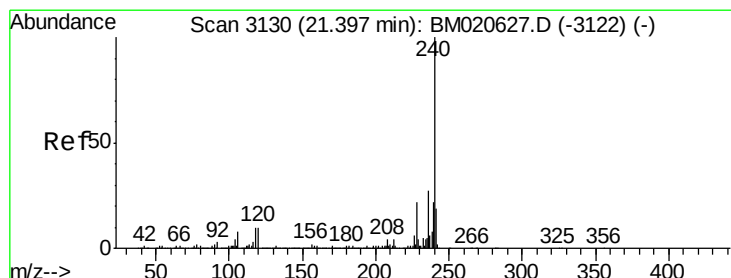
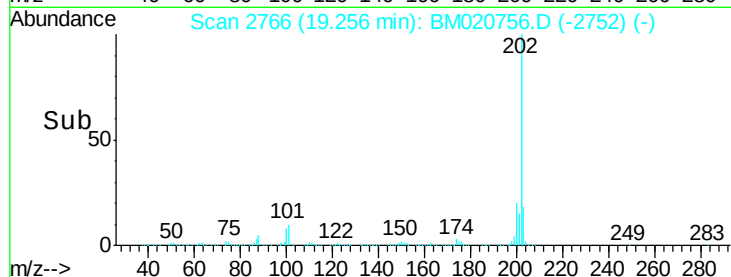
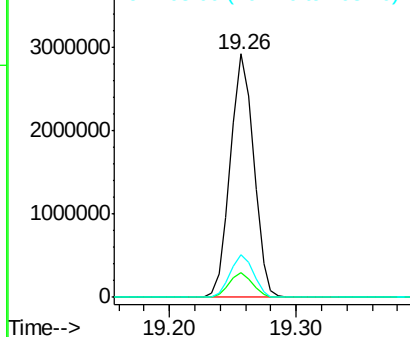
Tot Ion:	202	Resp:	3714476
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.7	0.0	37.3

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

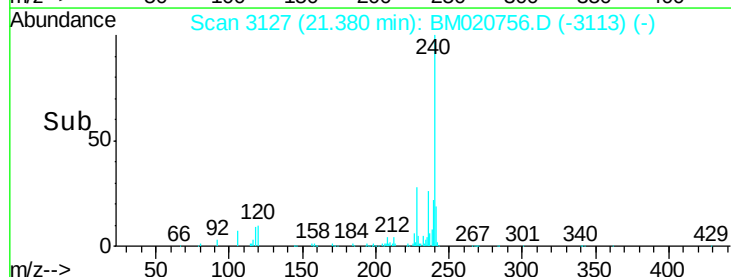
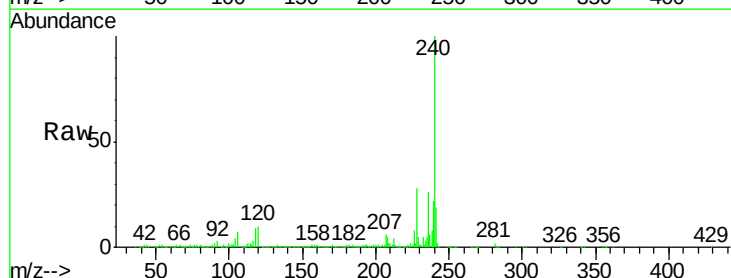
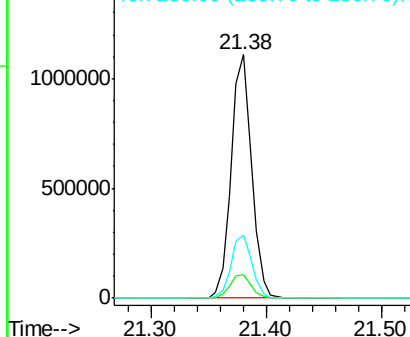
Delta R.T. -0.02 min

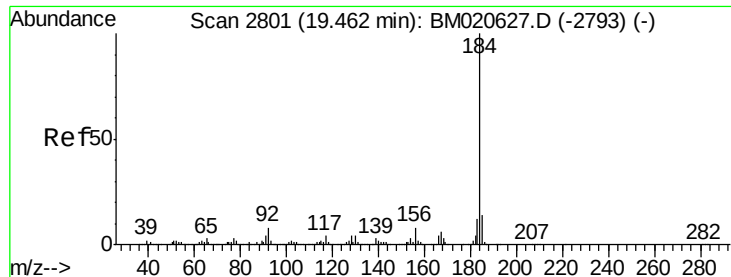
Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	240	Resp:	1356680
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	26.0	21.2	31.8

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





#77

Benzidine

Concen: 37.598 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 1545618

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

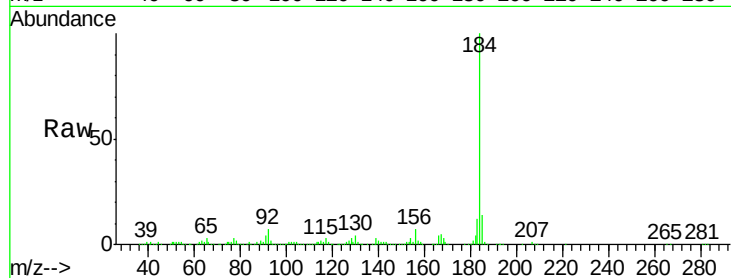
183 12.2 9.8 14.6

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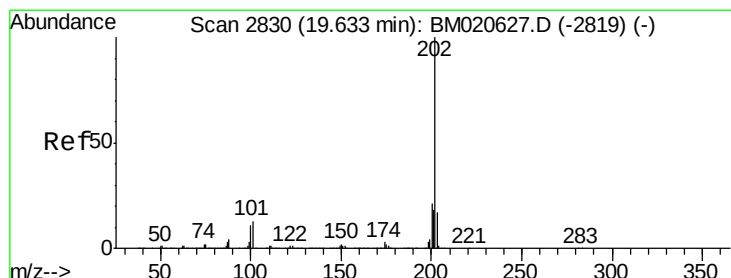
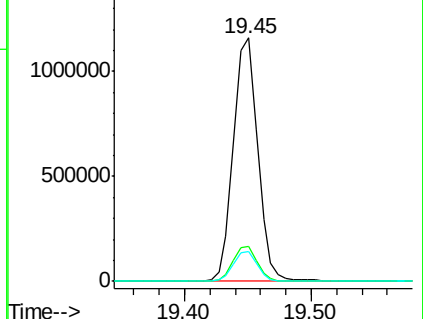
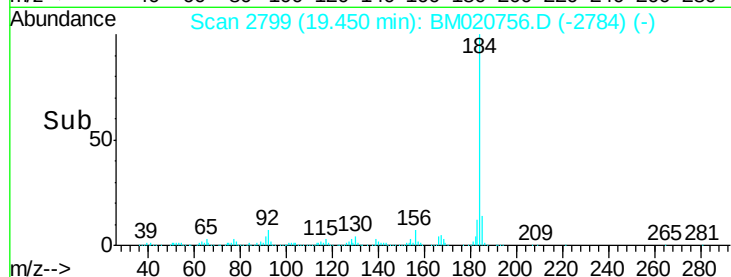
6/6/2019 11:22:19 AM



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: 36.400 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

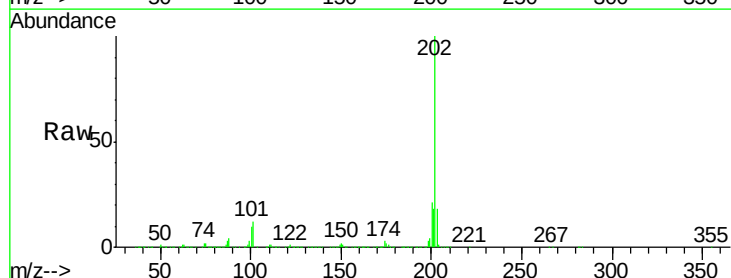
Tgt Ion:202 Resp: 3789626

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

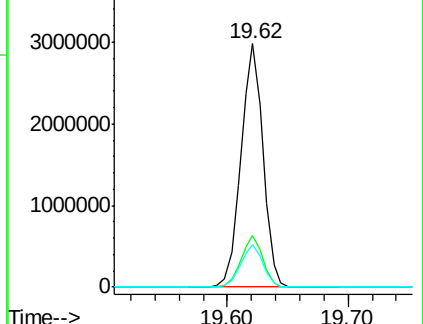
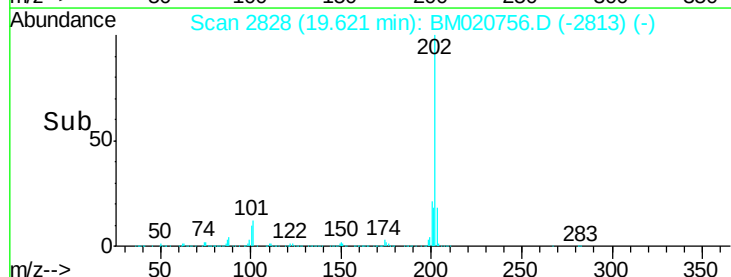
203 17.5 13.9 20.9

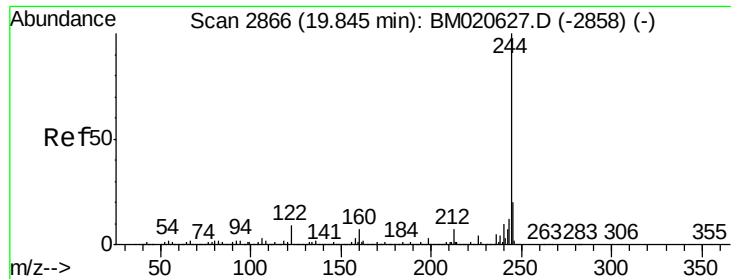


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.560 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 5966412

Ion Ratio Lower Upper

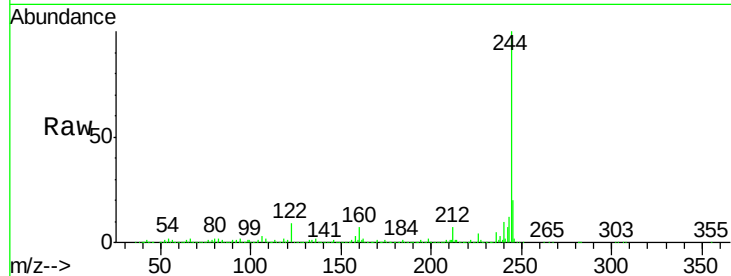
244 100

212 6.8 5.7 8.5

122 8.9 7.2 10.8

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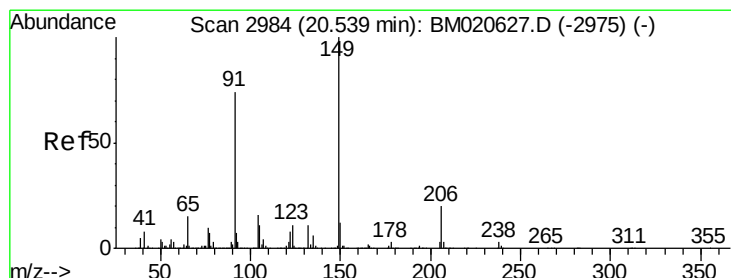
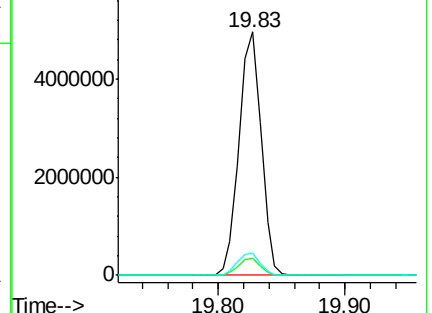
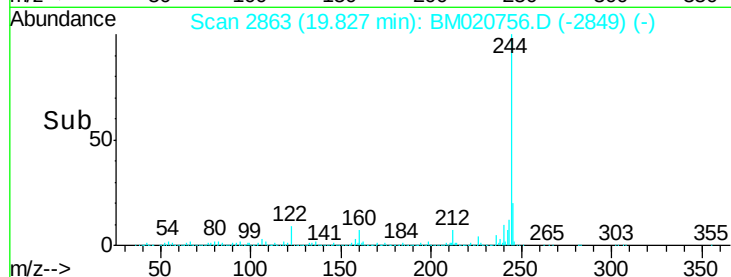
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.916 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

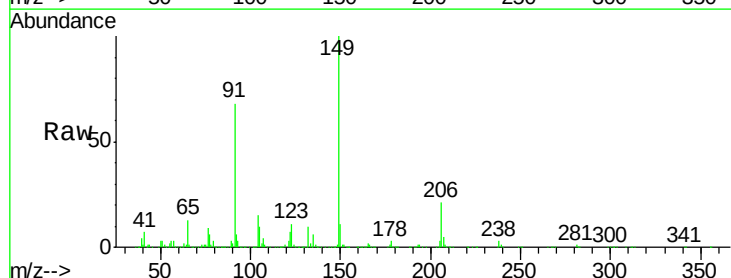
Tgt Ion:149 Resp: 1536199

Ion Ratio Lower Upper

149 100

91 68.4 59.6 89.4

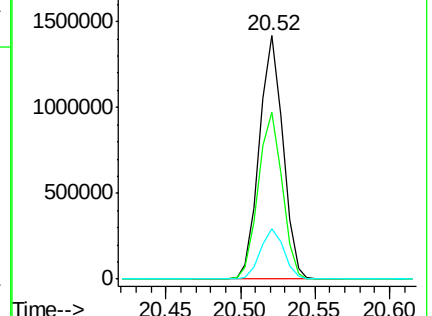
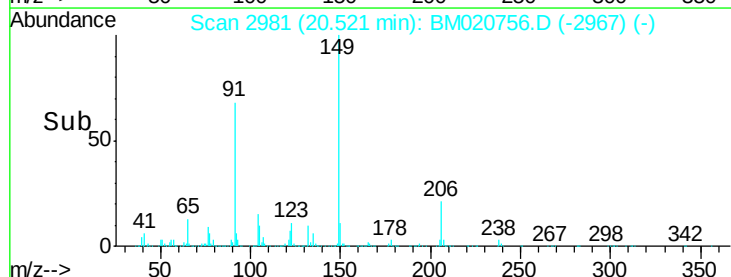
206 20.7 15.7 23.5

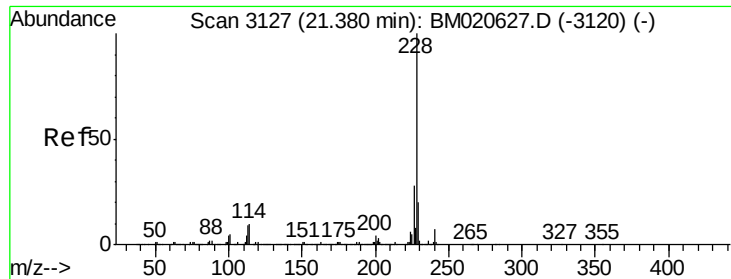


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.124 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Instrument :

BNA_M

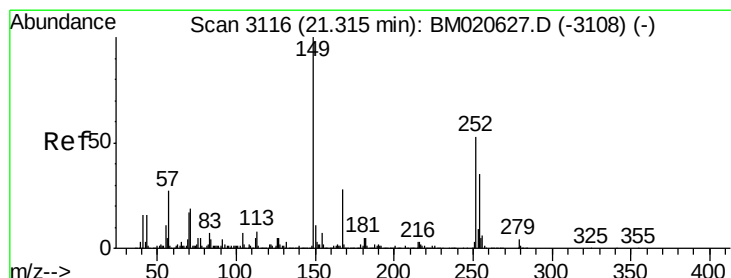
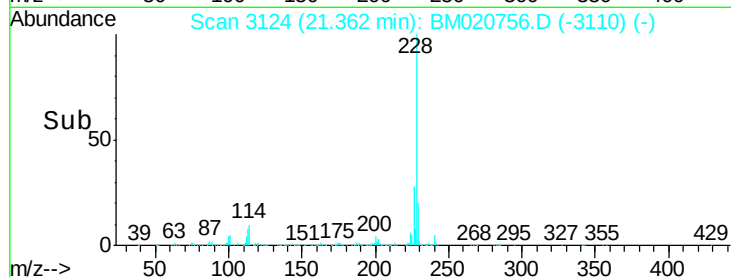
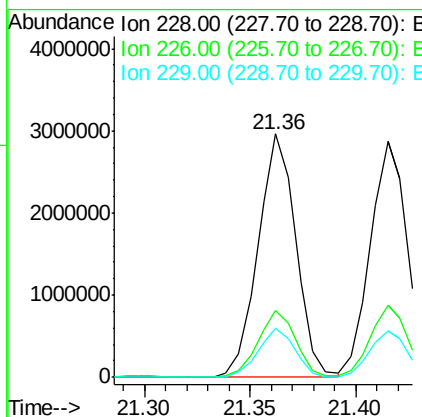
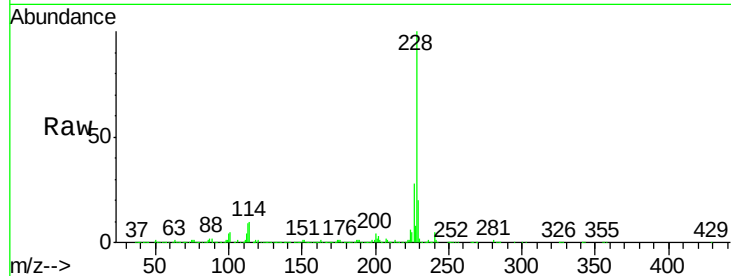
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	3696335
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.9	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 41.404 ng

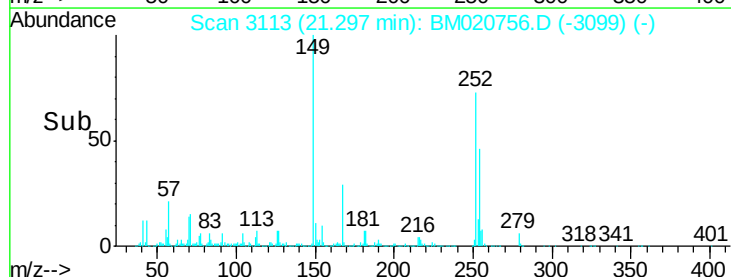
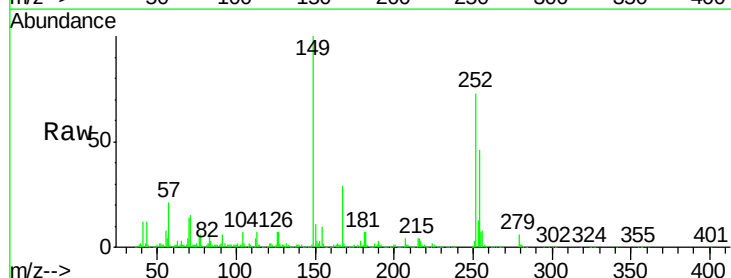
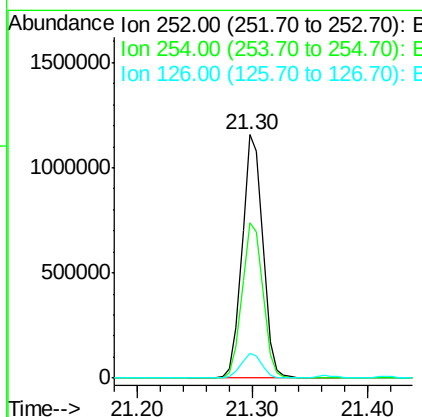
RT: 21.30 min Scan# 3113

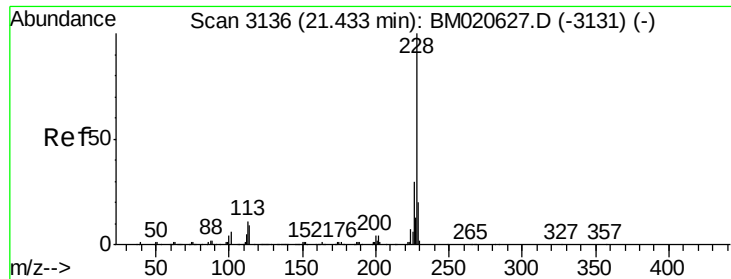
Delta R.T. -0.02 min

Lab File: BM020756.D

Acq: 06 Jun 2019 03:06

Tgt Ion:	252	Resp:	1432436
Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	78.8
126	10.2	8.0	12.0





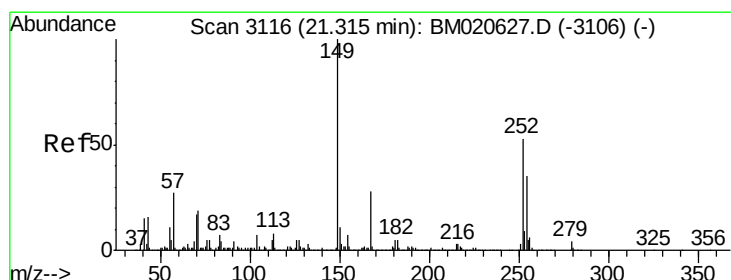
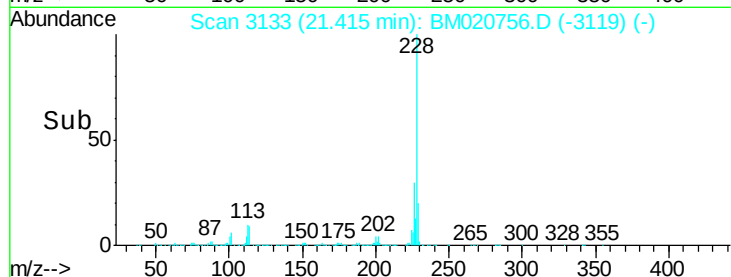
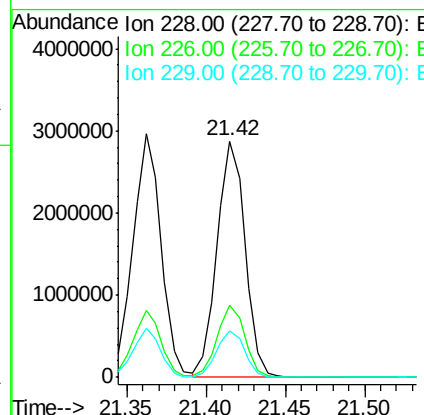
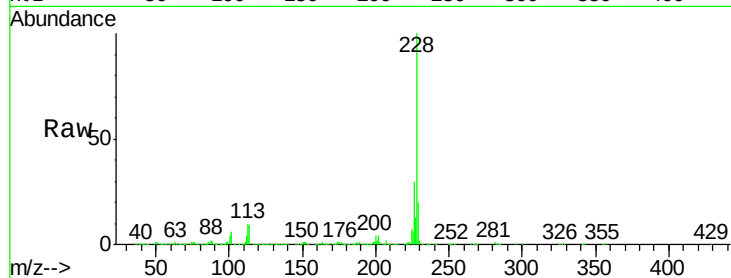
#83
 Chrysene
 Concen: 39.334 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:228 Resp: 3532500
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.7 15.8 23.6

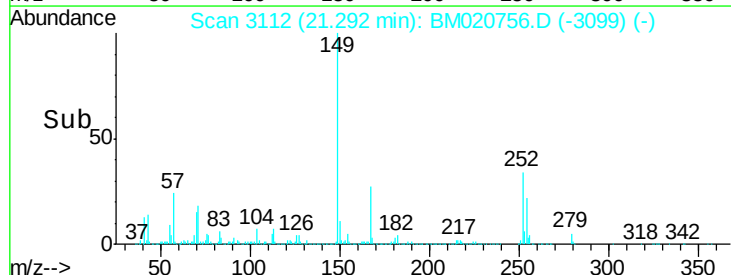
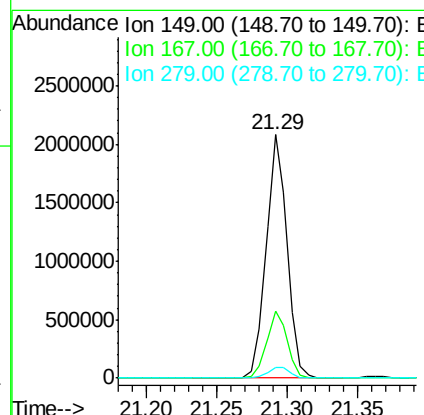
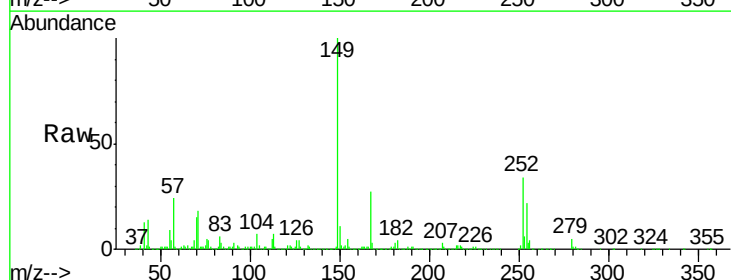
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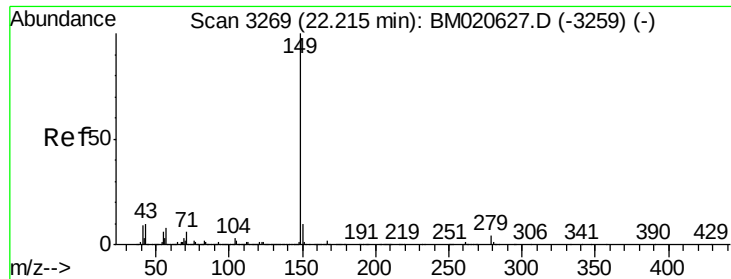
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.898 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM020756.D
 Acq: 06 Jun 2019 03:06

Tgt Ion:149 Resp: 2167555
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.1 33.1
 279 4.5 3.4 5.0





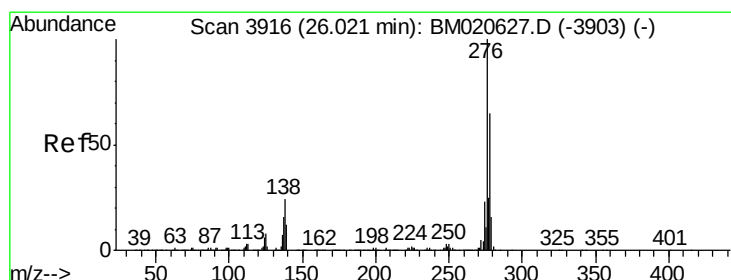
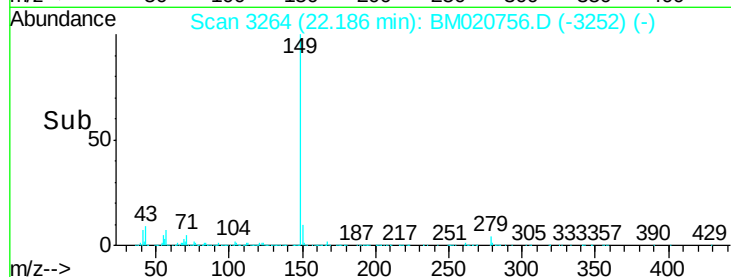
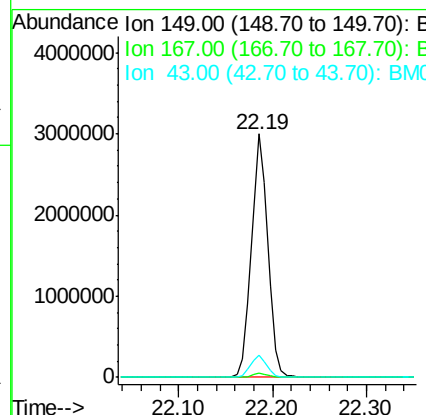
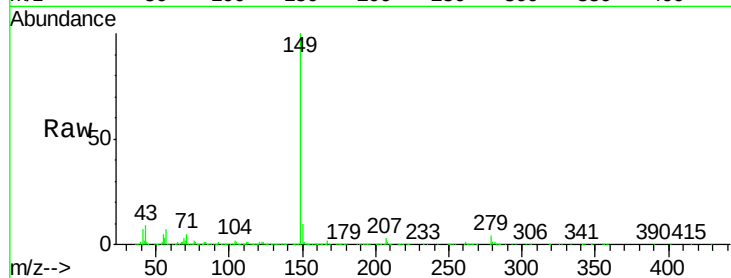
#85
Di-n-octyl phthalate
Concen: 35.757 ng
RT: 22.19 min Scan# 3264
Delta R.T. -0.03 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	8.2	12.4

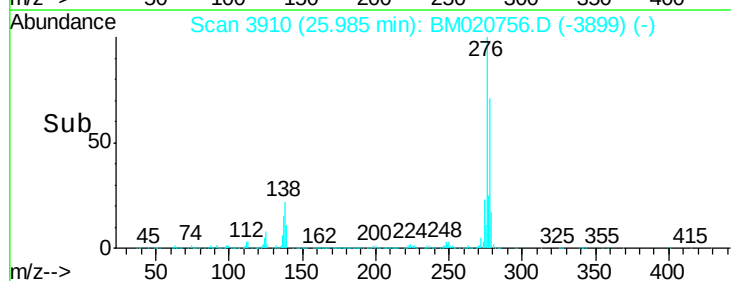
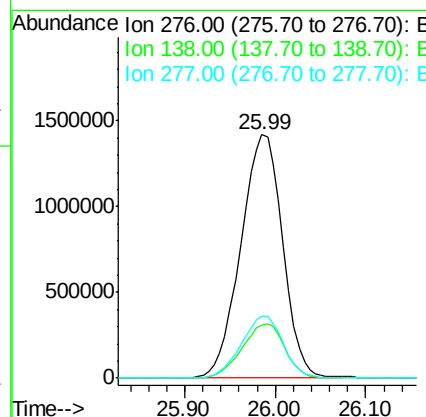
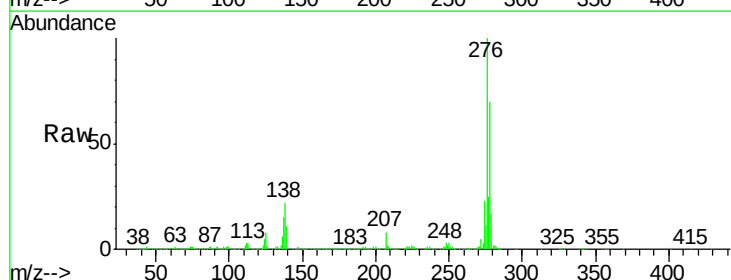
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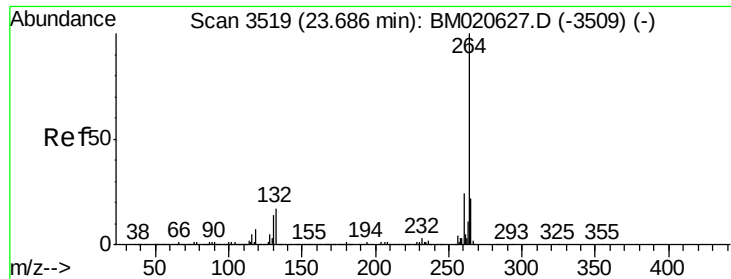
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.302 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.04 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.8	29.8
277	25.4	20.2	30.4





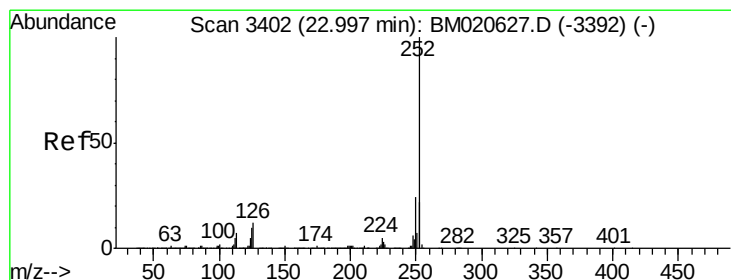
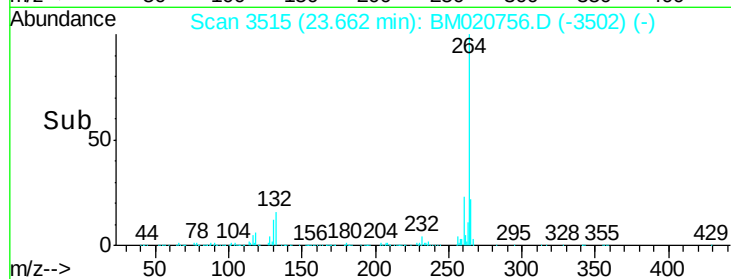
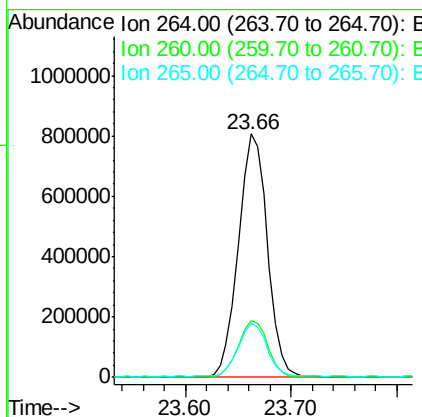
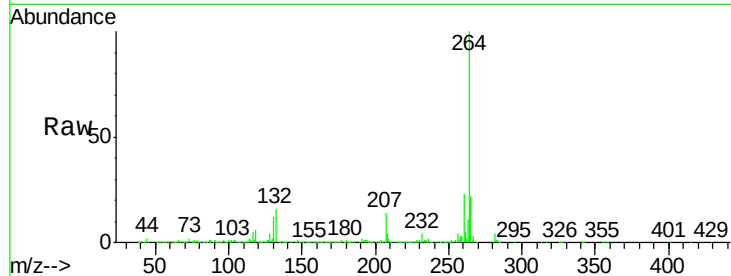
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	19.2	28.8	
265	22.2	17.6	26.4	

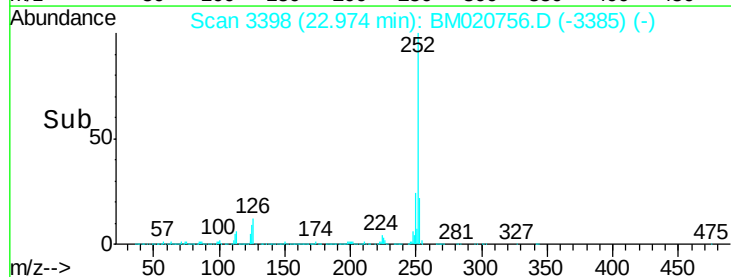
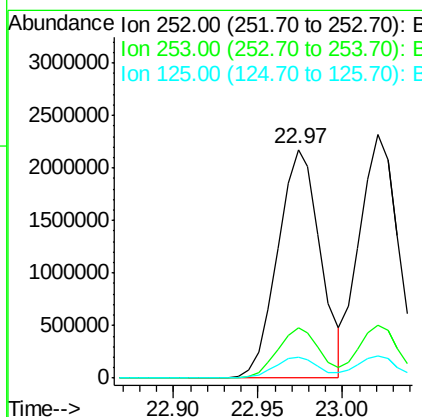
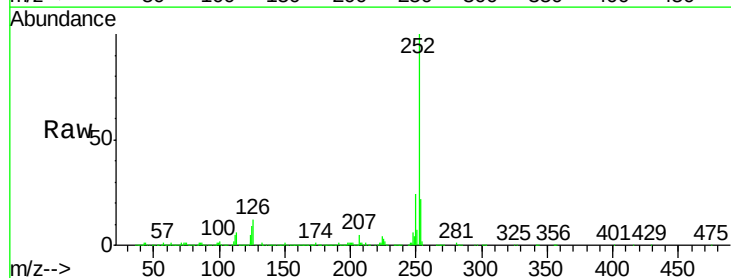
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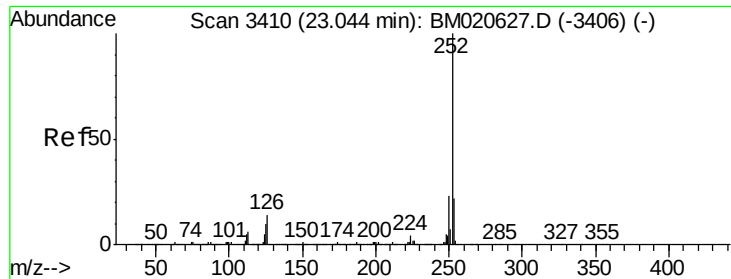
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.587 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.8	17.4	26.2	
125	9.3	7.8	11.8	





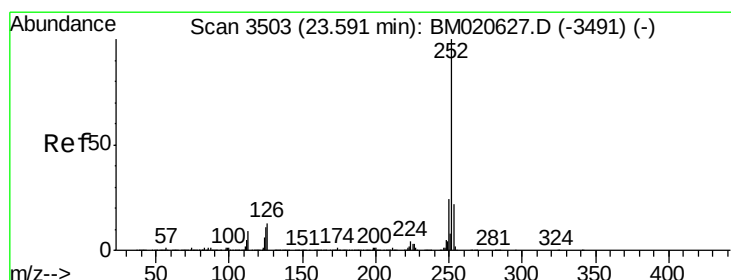
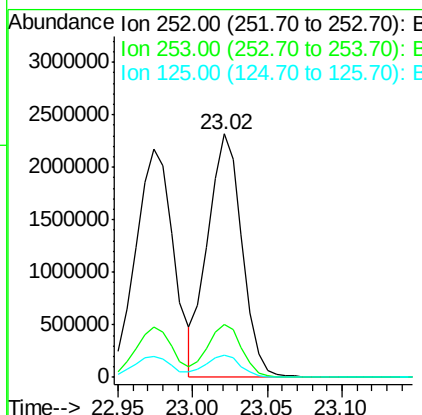
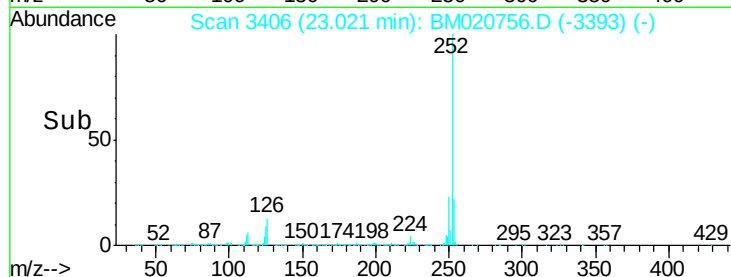
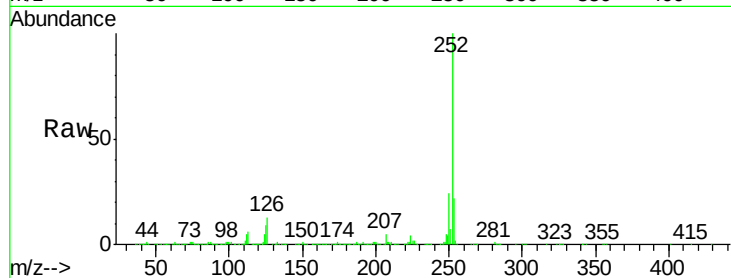
#89
Benzo(k)fluoranthene
Concen: 37.207 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 3700670
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.2 7.8 11.8

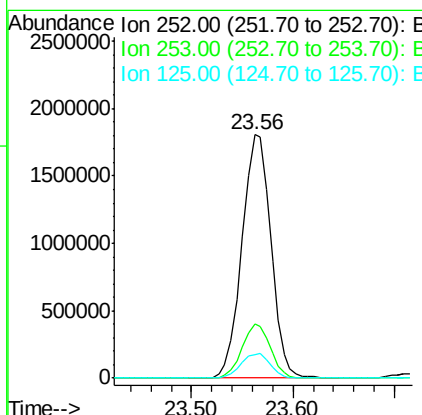
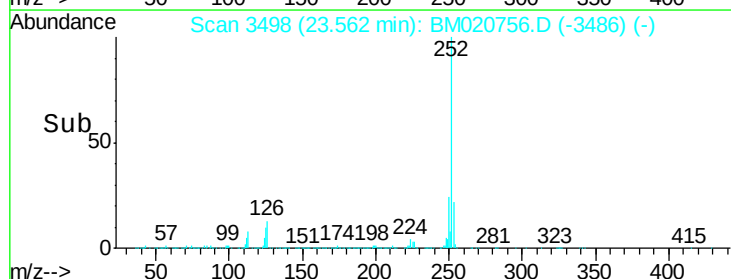
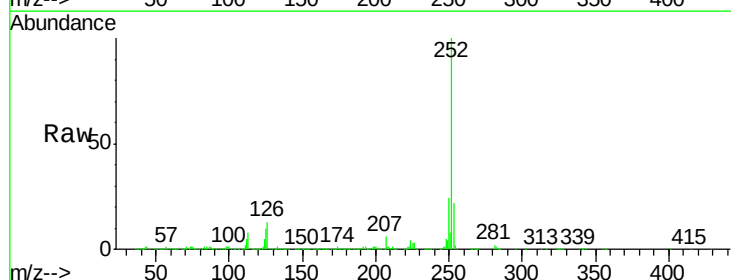
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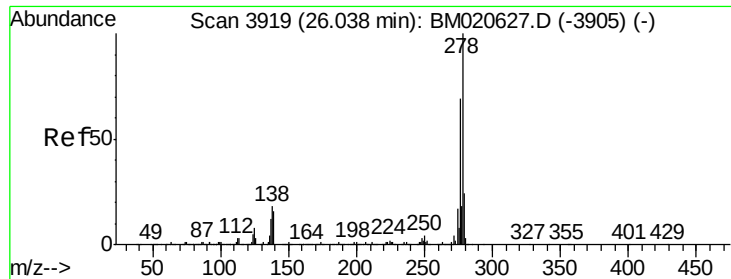
mohammad
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#90
Benzo(a)pyrene
Concen: 38.854 ng
RT: 23.56 min Scan# 3498
Delta R.T. -0.03 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion:252 Resp: 3586902
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.9 8.6 13.0





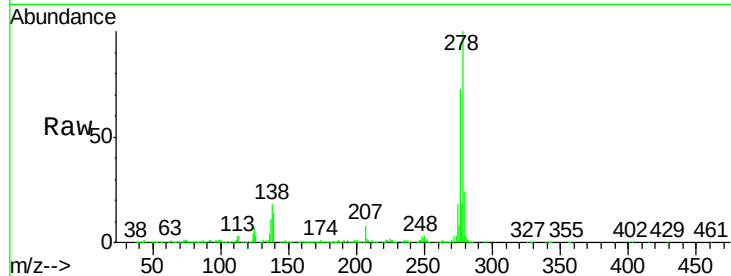
#91
Dibenzo(a,h)anthracene
Concen: 41.788 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

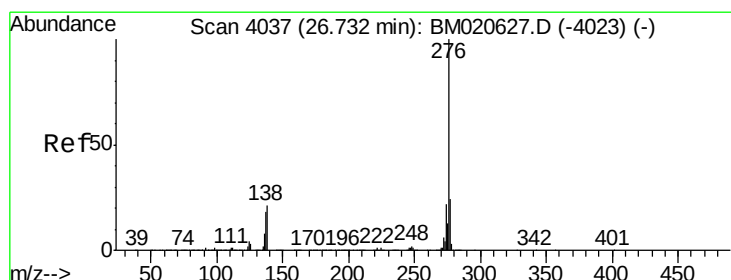
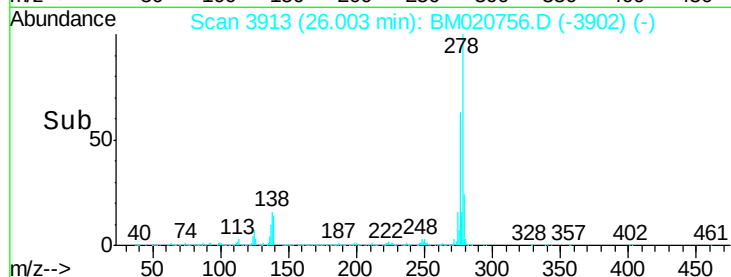
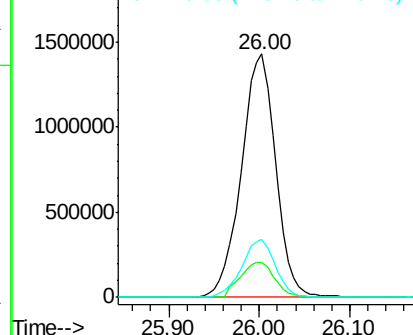
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.6	18.8
279	23.7	19.0	28.6

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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: 42.636 ng
RT: 26.70 min Scan# 4031
Delta R.T. -0.04 min
Lab File: BM020756.D
Acq: 06 Jun 2019 03:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	19.7	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

