

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
 Data File : BM020639.D
 Acq On : 31 May 2019 20:48
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/3/2019 8:48:57 AM

Quant Time: Jun 01 04:02:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	320897	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1314652	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	644527	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1243113	20.00	ng	0.00
76) Chrysene-d12	21.40	240	1103564	20.00	ng	0.00
87) Perylene-d12	23.69	264	1271940	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1469479	80.55	ng	0.00
7) Phenol-d6	7.00	99	2020475	75.22	ng	0.00
23) Nitrobenzene-d5	9.00	82	2077788	81.89	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	570184	71.40	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	4123008	85.04	ng	0.00
79) Terphenyl-d14	19.84	244	4954379	75.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	300892	40.286	ng	99
3) Pyridine	3.75	79	879214	36.999	ng	99
4) n-Nitrosodimethylamine	3.67	42	399041	38.954	ng	98
6) Aniline	7.17	93	1429889	36.790	ng	100
8) 2-Chlorophenol	7.40	128	881081	38.824	ng	98
9) Benzaldehyde	6.99	77	618240	39.346	ng	97
10) Phenol	7.03	94	1087285	37.561	ng	98
11) bis(2-Chloroethyl)ether	7.27	93	880792	38.180	ng	98
12) 1,3-Dichlorobenzene	7.72	146	1044226	40.036	ng	99
13) 1,4-Dichlorobenzene	7.87	146	1056516	39.845	ng	99
14) 1,2-Dichlorobenzene	8.19	146	1003781	38.900	ng	99
15) Benzyl Alcohol	8.07	79	854087	35.941	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1318282	37.013	ng	99
17) 2-Methylphenol	8.27	107	738718	36.291	ng	100
18) Hexachloroethane	8.91	117	395888	38.997	ng	97
19) n-Nitroso-di-n-propylamine	8.65	70	741789	34.354	ng	99
20) 3+4-Methylphenols	8.60	107	986430	35.618	ng	98
22) Acetophenone	8.66	105	1333175	39.919	ng	# 98
24) Nitrobenzene	9.04	77	1048027	40.459	ng	100
25) Isophorone	9.56	82	1881469	37.277	ng	99
26) 2-Nitrophenol	9.75	139	402119	41.653	ng	99
27) 2,4-Dimethylphenol	9.80	122	699858	38.688	ng	99
28) bis(2-Chloroethoxy)methane	10.05	93	1189954	38.993	ng	99
29) 2,4-Dichlorophenol	10.27	162	780460	38.995	ng	99
30) 1,2,4-Trichlorobenzene	10.49	180	940612	40.872	ng	98
31) Naphthalene	10.68	128	2683700	39.697	ng	99
32) Benzoic acid	9.94	122	428481m	38.740	ng	
33) 4-Chloroaniline	10.79	127	1163851	36.992	ng	98
34) Hexachlorobutadiene	10.96	225	571320	41.375	ng	100
35) Caprolactam	11.57	113	233440	33.574	ng	96
36) 4-Chloro-3-methylphenol	11.90	107	809054	34.768	ng	98
37) 2-Methylnaphthalene	12.29	142	1835270	36.625	ng	99
38) 1-Methylnaphthalene	12.51	142	1727791	36.212	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	900702	42.643	ng	100

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 SSTDC040

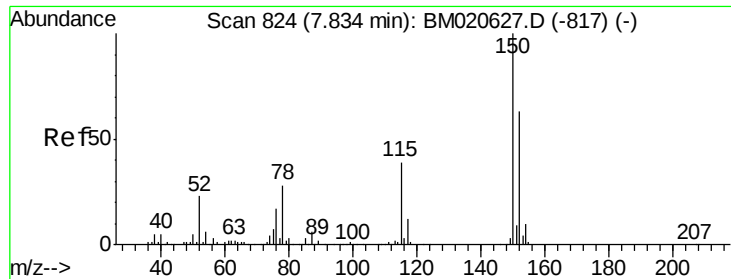
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	286442	22.675	ng	98
43) 2,4,6-Trichlorophenol	12.90	196	566787	41.689	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	573687	40.872	ng	98
46) 1,1'-Biphenyl	13.30	154	2270569	42.181	ng	99
47) 2-Chloronaphthalene	13.34	162	1804266	41.530	ng	99
48) 2-Nitroaniline	13.56	65	547173	40.128	ng	94
49) Acenaphthylene	14.20	152	2689118	39.670	ng	99
50) Dimethylphthalate	13.93	163	2114041	38.392	ng	99
51) 2,6-Dinitrotoluene	14.06	165	431867	38.625	ng	94
52) Acenaphthene	14.54	154	1596417	39.519	ng	98
53) 3-Nitroaniline	14.38	138	478139	38.313	ng	99
54) 2,4-Dinitrophenol	14.59	184	78487	22.096	ng	97
55) Dibenzofuran	14.87	168	2400551	38.261	ng	100
56) 4-Nitrophenol	14.68	139	337669	36.717	ng	97
57) 2,4-Dinitrotoluene	14.84	165	551113	36.812	ng	99
58) Fluorene	15.52	166	1930081	37.408	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	449902	36.784	ng	99
60) Diethylphthalate	15.30	149	2112413	37.196	ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	1011298	37.018	ng	99
62) 4-Nitroaniline	15.54	138	492013	37.173	ng	97
63) Azobenzene	15.81	77	2027460	37.238	ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	117161	25.713	ng	96
66) n-Nitrosodiphenylamine	15.73	169	1646909	41.385	ng	100
67) 4-Bromophenyl-phenylether	16.41	248	584528	39.937	ng	98
68) Hexachlorobenzene	16.52	284	667027	39.028	ng	99
69) Atrazine	16.69	200	506549	42.650	ng	99
70) Pentachlorophenol	16.86	266	323462	39.672	ng	98
71) Phenanthrene	17.26	178	2775263	39.386	ng	100
72) Anthracene	17.35	178	2794591	39.625	ng	99
73) Carbazole	17.62	167	2538493	39.664	ng	100
74) Di-n-butylphthalate	18.19	149	3367473	40.533	ng	99
75) Fluoranthene	19.27	202	3049141	38.911	ng	99
77) Benzidine	19.46	184	1558656	46.612	ng	100
78) Pyrene	19.63	202	3125219	36.904	ng	100
80) Butylbenzylphthalate	20.54	149	1450481	40.529	ng	98
81) Benzo(a)anthracene	21.38	228	3042712	39.593	ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	1251949	44.487	ng	99
83) Chrysene	21.43	228	2915667	39.912	ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	2131607	40.981	ng	99
85) Di-n-octyl phthalate	22.21	149	3695867	44.755	ng	99
86) Indeno(1,2,3-cd)pyrene	26.03	276	3772335	50.476	ng	100
88) Benzo(b)fluoranthene	23.00	252	3144480	37.404	ng	99
89) Benzo(k)fluoranthene	23.04	252	3087444	37.581	ng	100
90) Benzo(a)pyrene	23.59	252	2981047	39.094	ng	99
91) Dibenzo(a,h)anthracene	26.04	278	3140672	42.454	ng	99
92) Benzo(g,h,i)perylene	26.74	276	2954773	43.000	ng	99

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



#1

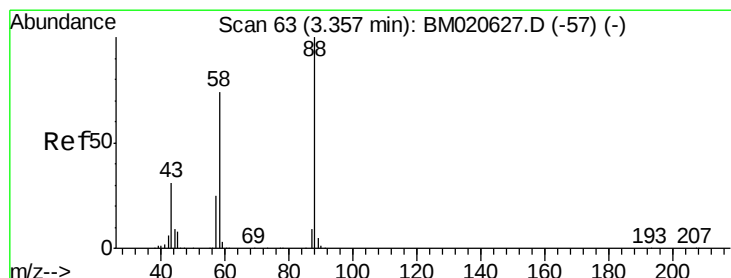
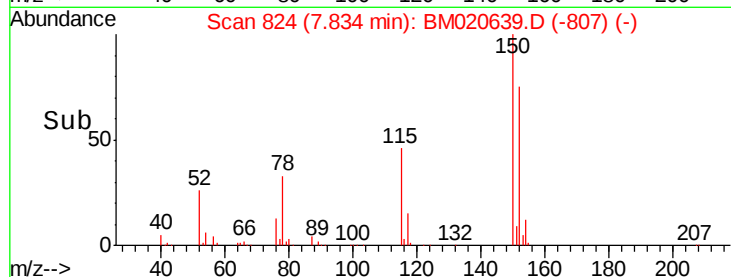
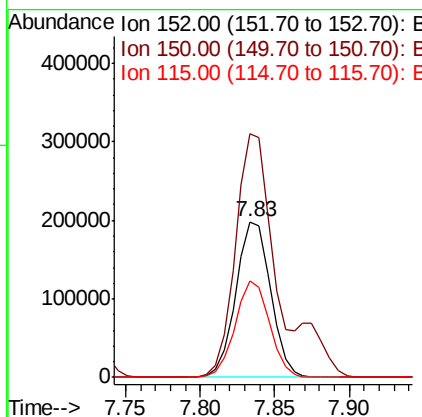
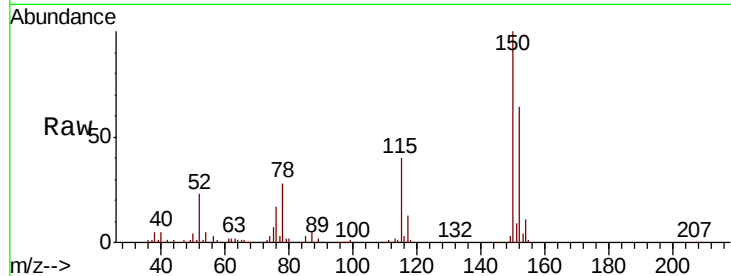
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.0	189.0
115	61.9	49.6	74.4

Manual Integrations
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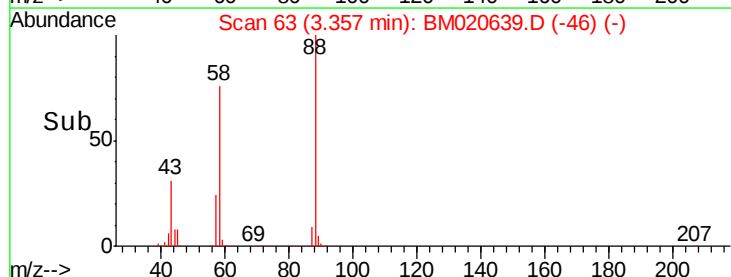
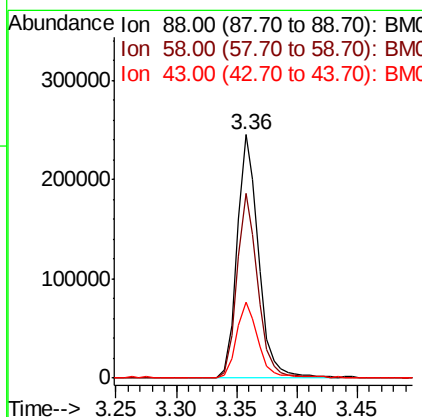
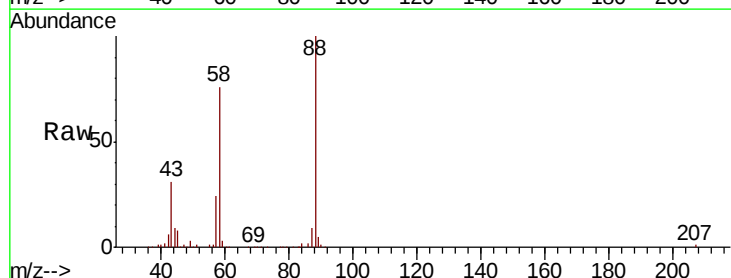
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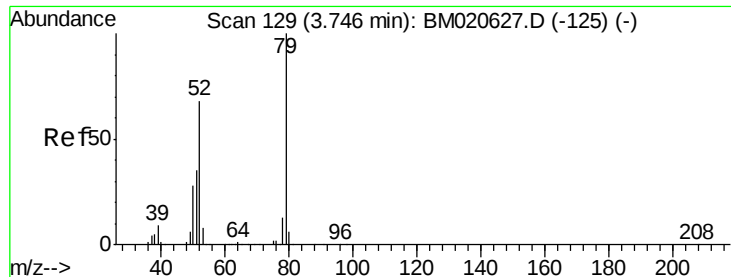


#2

1,4-Dioxane
Concen: 40.286 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	60.2	90.4
43	30.7	25.3	37.9





#3

Pvridine

Concen: 36.999 ng

RT: 3.75 min Scan# 129

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

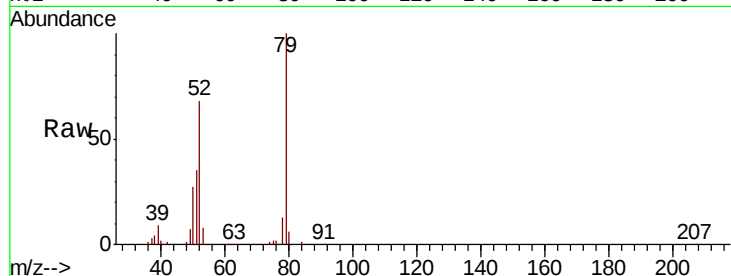
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	879214
Ion	Ratio	Lower	Upper
79	100		
52	68.3	54.1	81.1
51	35.1	28.6	42.8

Manual Integrations
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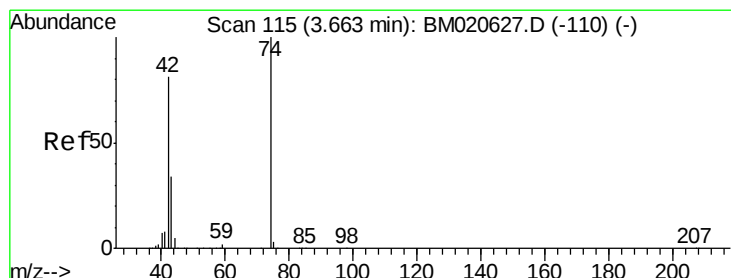
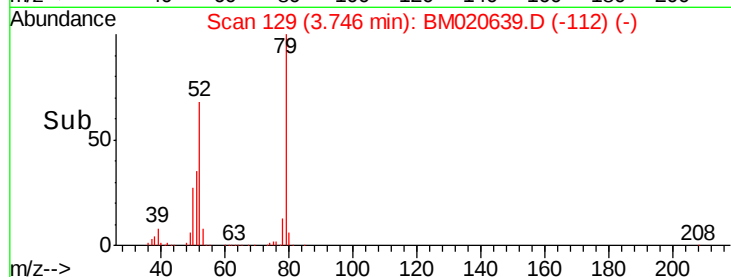
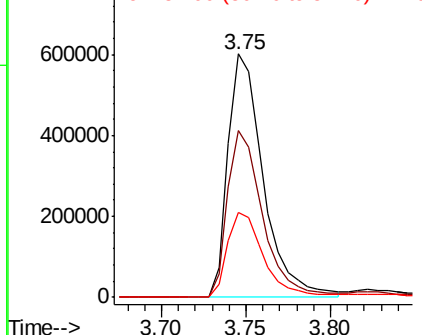


Abundance

Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 38.954 ng

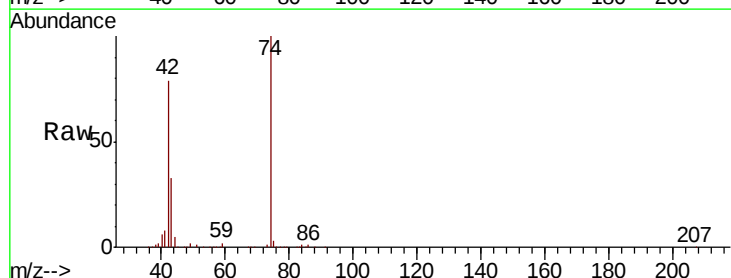
RT: 3.67 min Scan# 116

Delta R.T. 0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion:	42	Resp:	399041
Ion	Ratio	Lower	Upper
42	100		
74	126.1	99.4	149.0
44	6.7	5.8	8.8

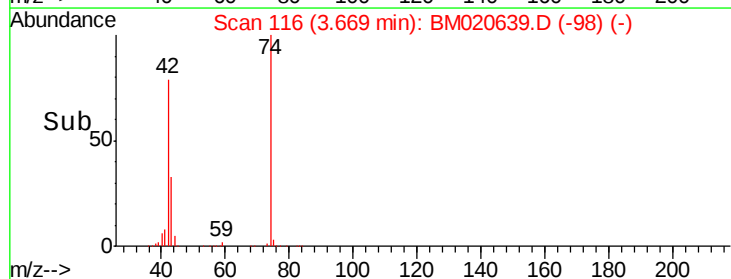
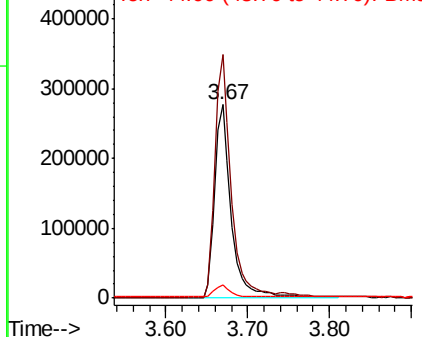


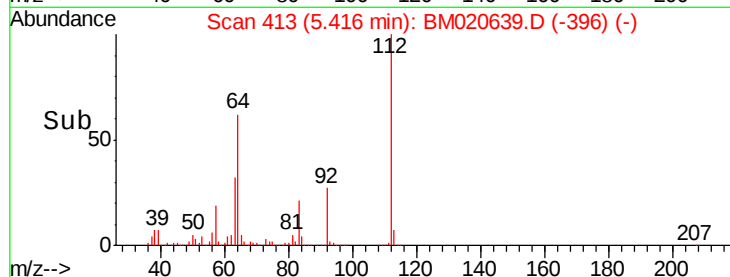
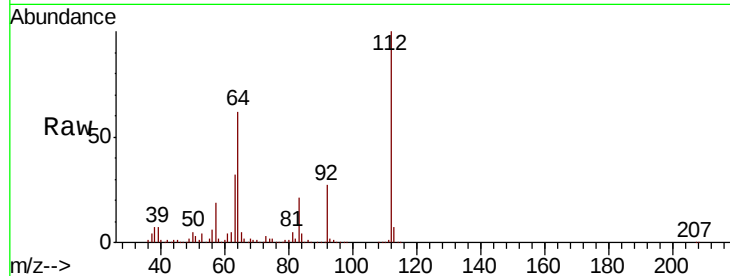
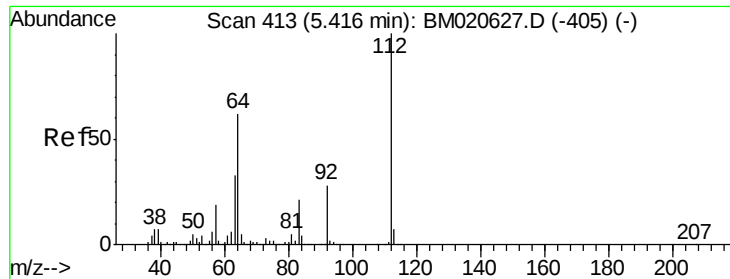
Abundance

Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)





#5

2-Fluorophenol

Concen: 80.553 ng

RT: 5.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tot Ion:	112	Resp:	1469479
Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.7	74.5
63	32.5	26.4	39.6

Instrument :

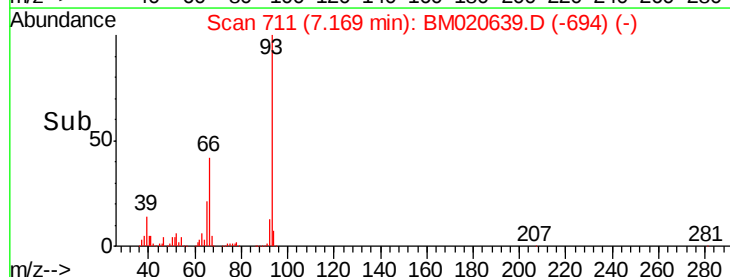
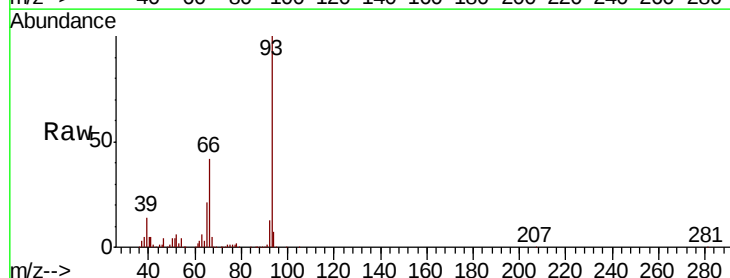
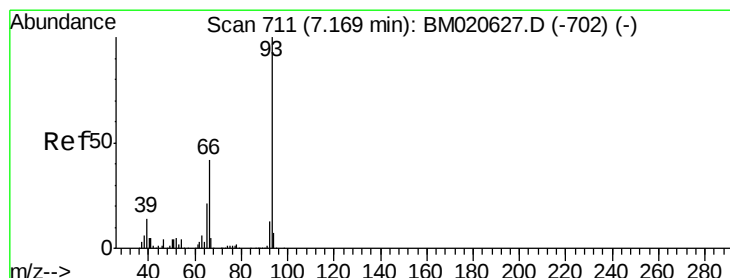
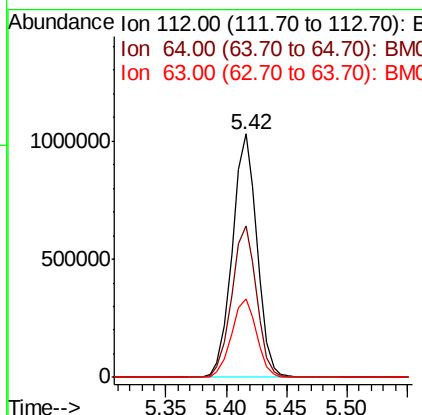
BNA_M

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 36.790 ng

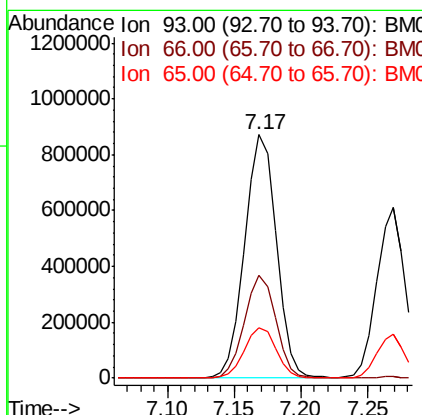
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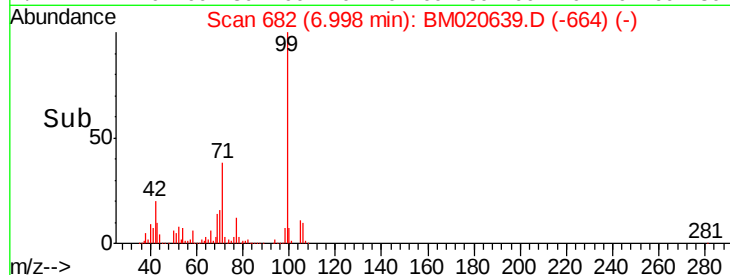
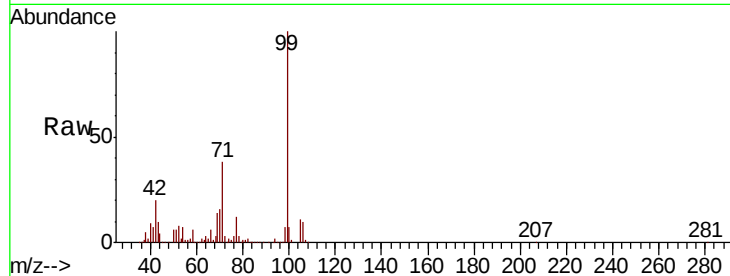
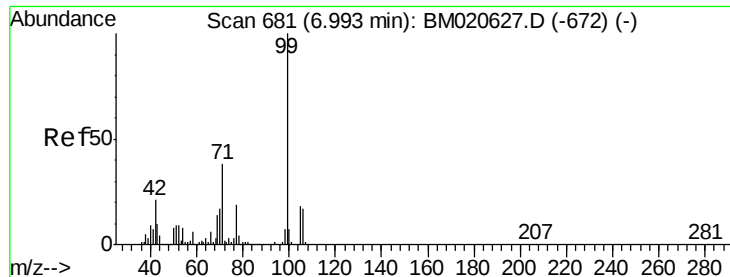
Delta R.T. -0.00 min

Lab File: BM020639.D

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Tgt Ion:	93	Resp:	1429889
Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.6	50.4
65	20.7	16.7	25.1





#7

Phenol-d6

Concen: 75.219 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tot Ion: 99 Resp: 2020475

Ion Ratio Lower Upper

99 100

42 20.0 16.5 24.7

71 37.9 30.7 46.1

Instrument :

BNA_M

ClientSampleId :

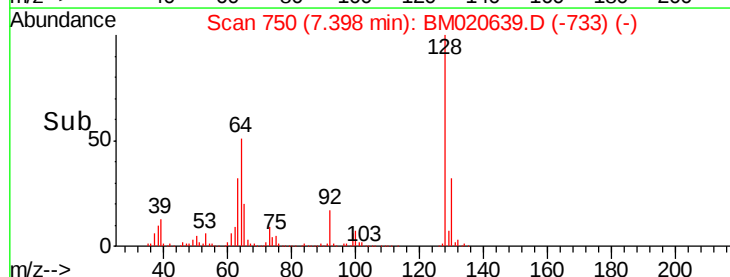
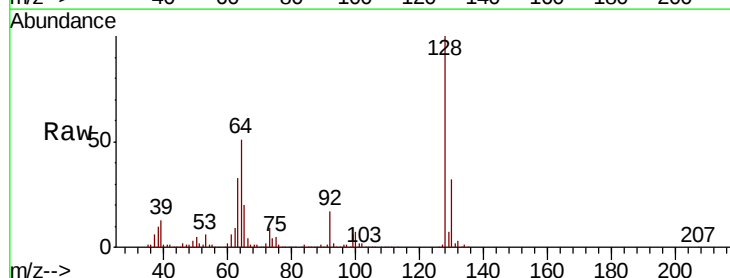
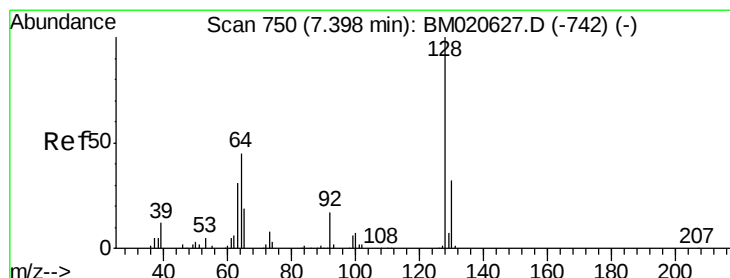
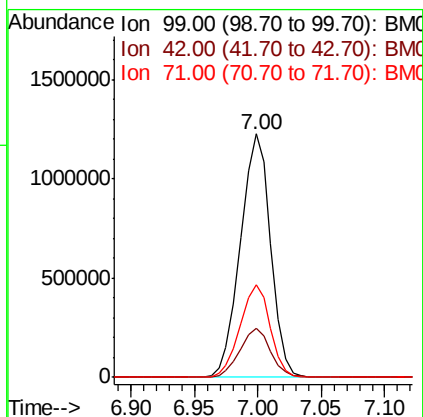
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#8

2-Chlorophenol

Concen: 38.824 ng

RT: 7.40 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

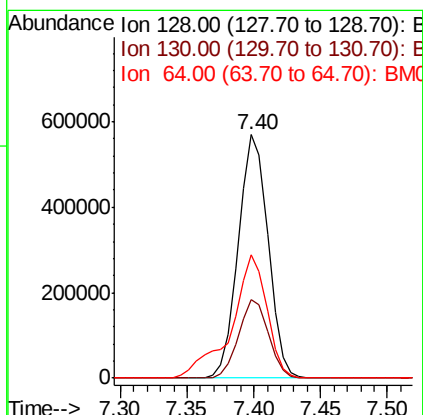
Tgt Ion: 128 Resp: 881081

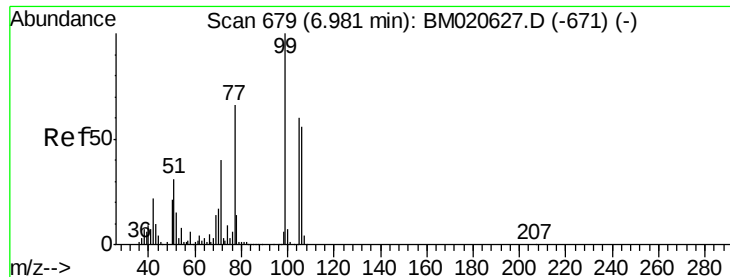
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 50.7 29.1 69.1





#9

Benzaldehyde

Concen: 39.346 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

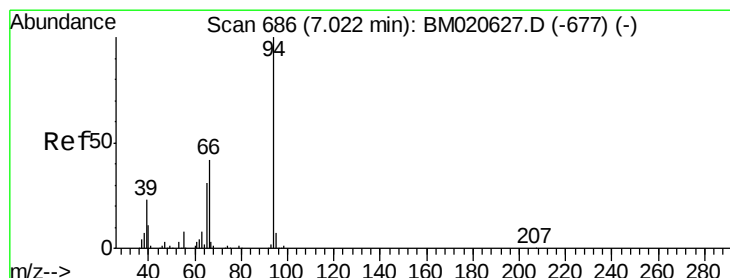
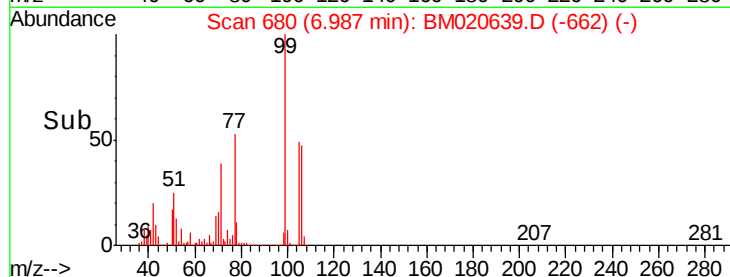
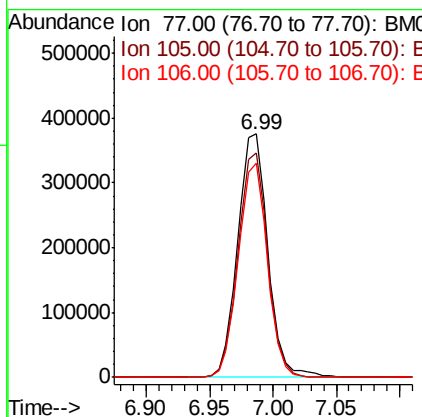
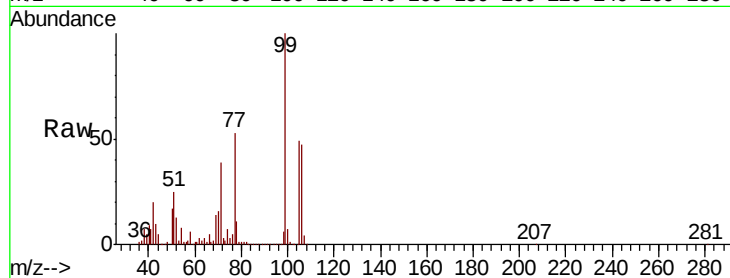
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	618240
Ion	Ratio	Lower	Upper
77	100		
105	92.2	70.6	110.6
106	88.2	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 37.561 ng

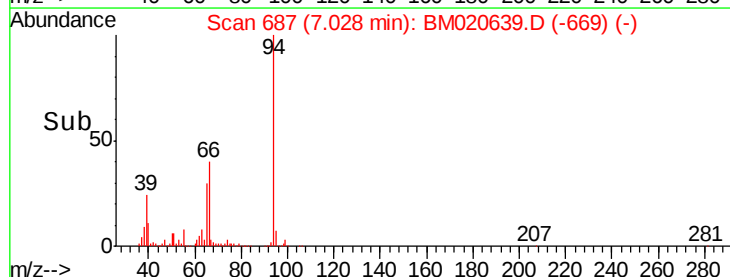
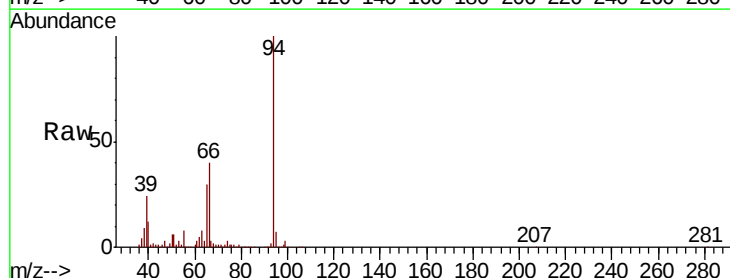
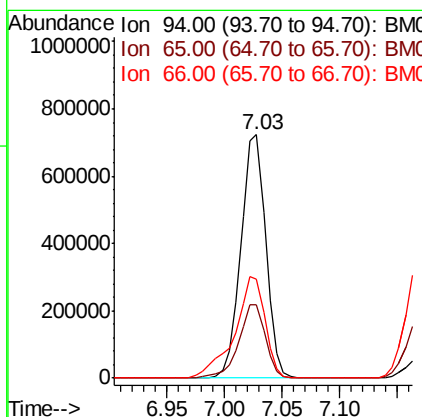
RT: 7.03 min Scan# 687

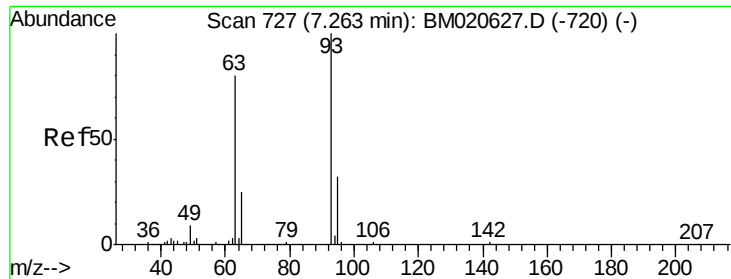
Delta R.T. 0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion:	94	Resp:	1087285
Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.7	50.7
66	40.5	22.3	62.3





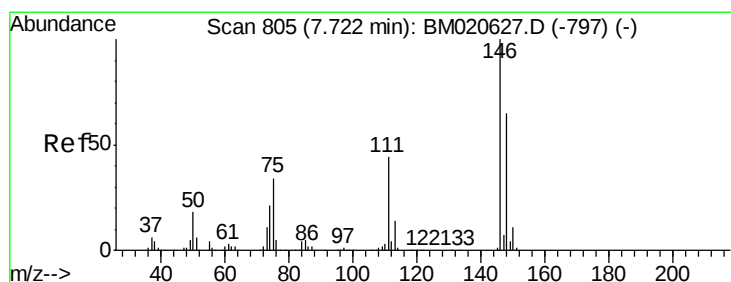
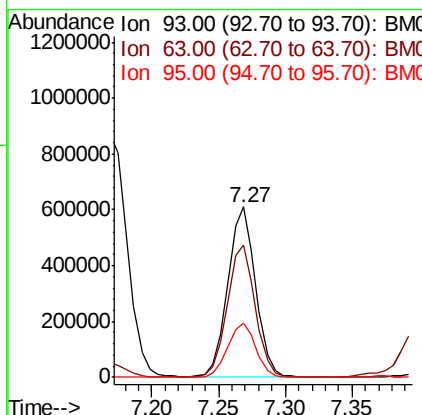
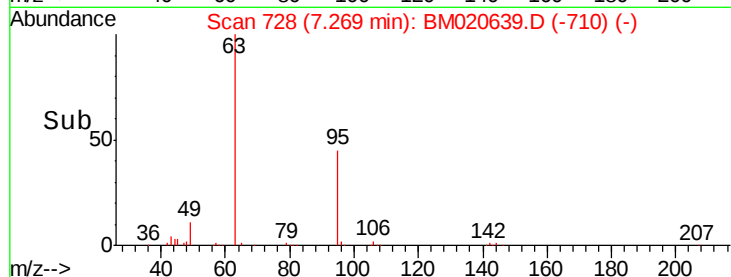
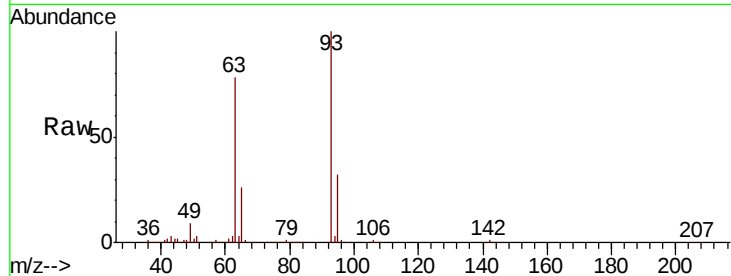
#11
bis(2-Chloroethyl)ether
Concen: 38.180 ng
RT: 7.27 min Scan# 728
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	60.0	100.0
95	32.1	12.2	52.2

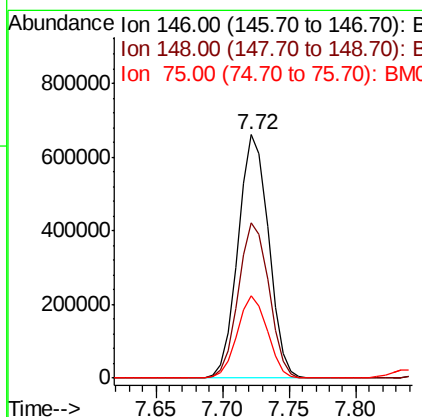
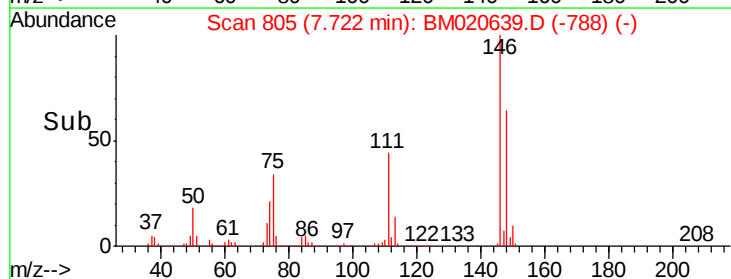
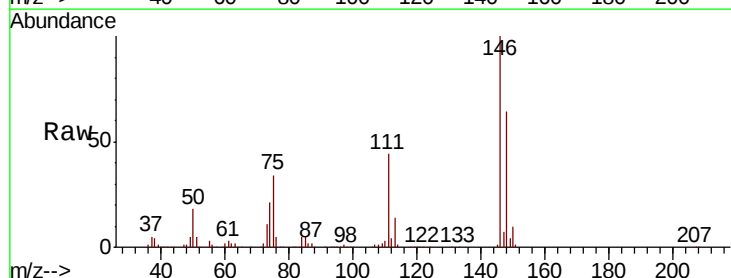
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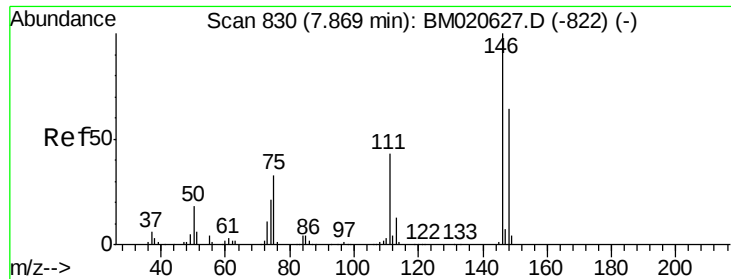
mohammad
6/3/2019 8:48:57 AM



#12
1,3-Dichlorobenzene
Concen: 40.036 ng
RT: 7.72 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.0	78.0
75	33.9	27.0	40.4





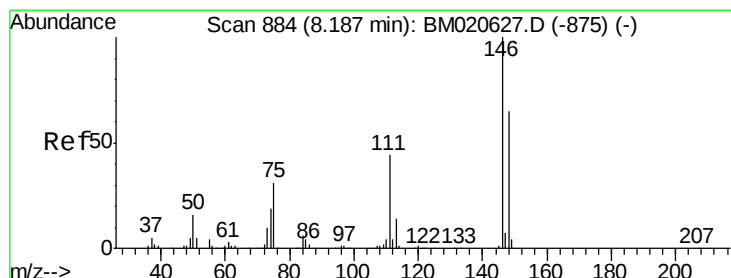
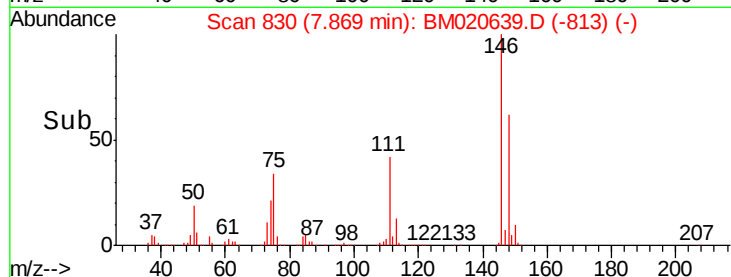
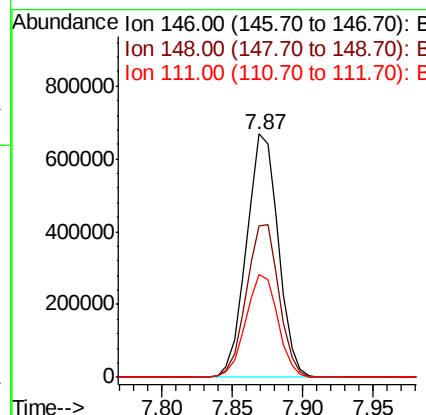
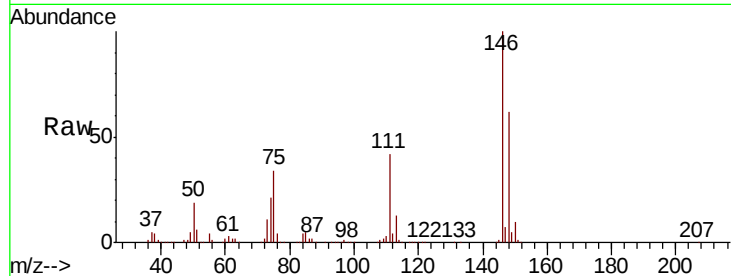
#13
 1,4-Dichlorobenzene
 Concen: 39.845 ng
 RT: 7.87 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.0	76.4
111	42.3	34.4	51.6

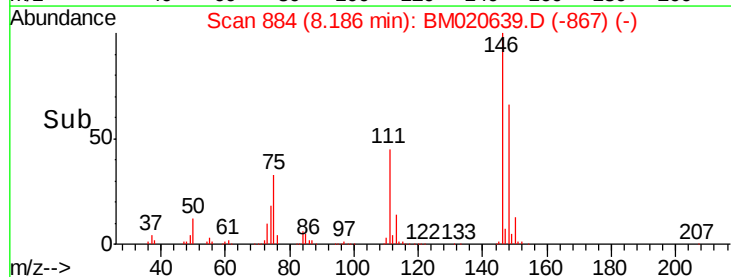
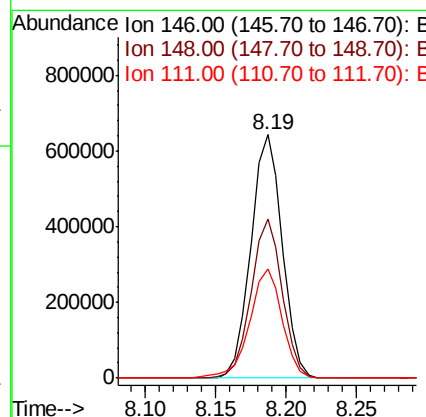
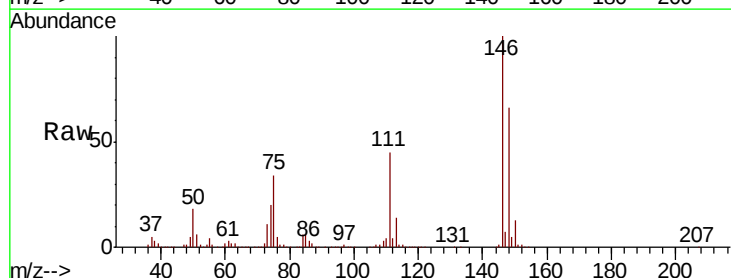
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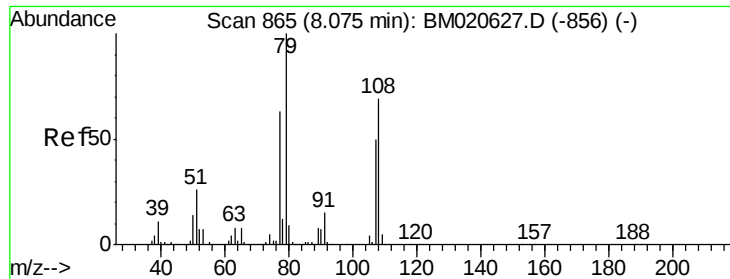
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.900 ng
 RT: 8.19 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
111	45.1	35.1	52.7





#15

Benzyl Alcohol

Concen: 35.941 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

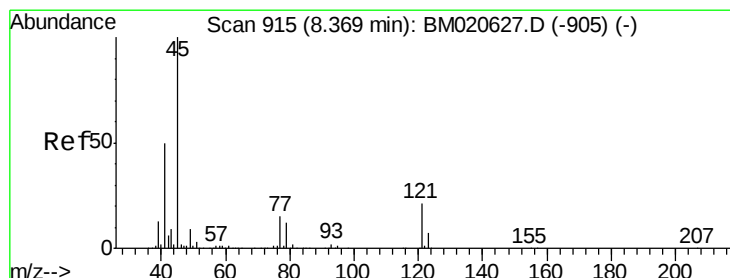
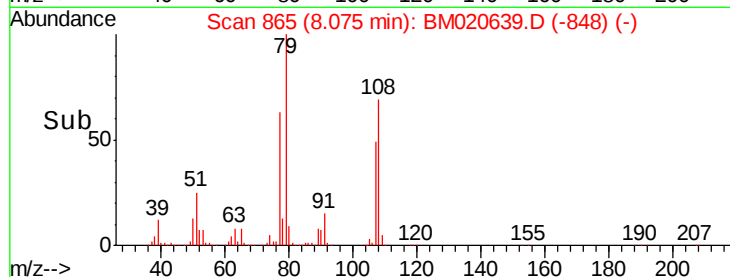
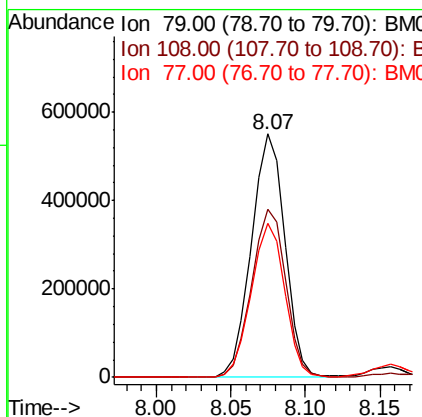
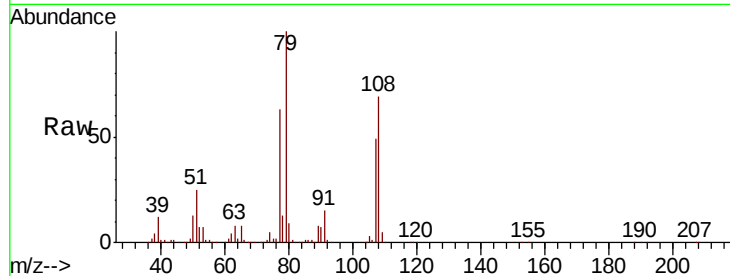
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	854087
Ion Ratio	Lower	Upper	
79	100		
108	69.1	54.9	82.3
77	63.3	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.013 ng

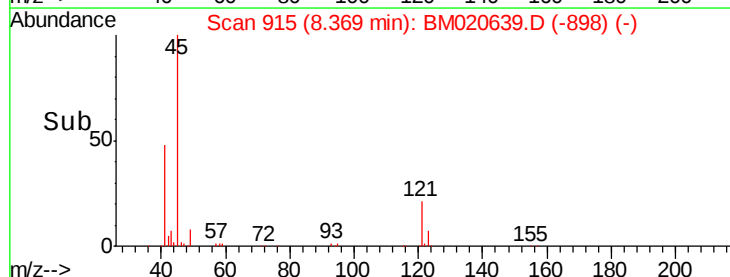
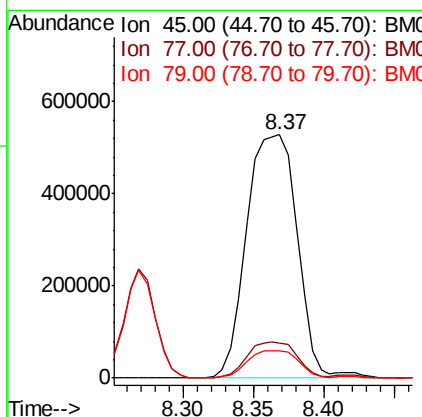
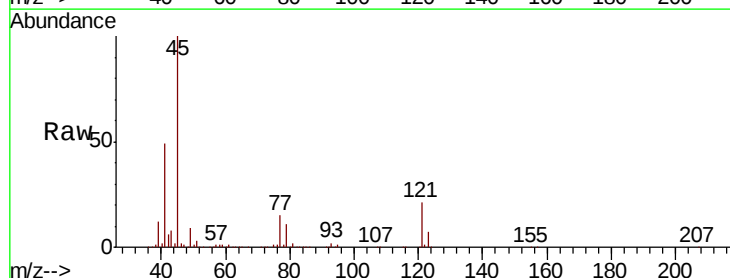
RT: 8.37 min Scan# 915

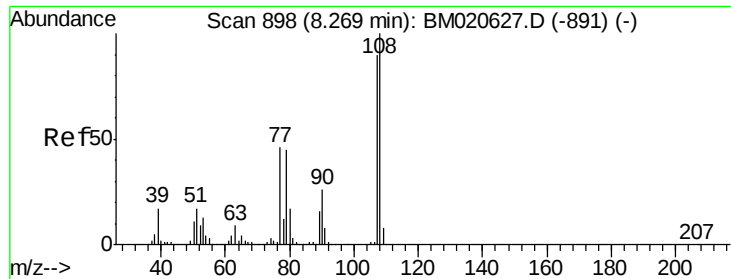
Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion:	45	Resp:	1318282
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.9
79	11.5	0.0	31.8





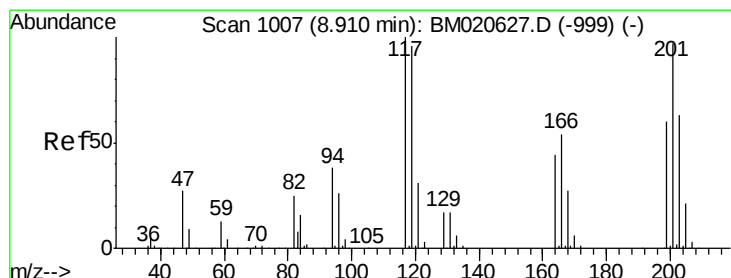
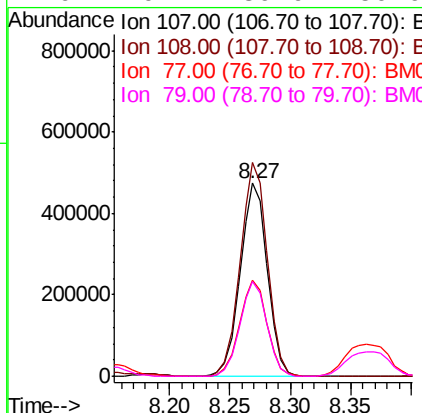
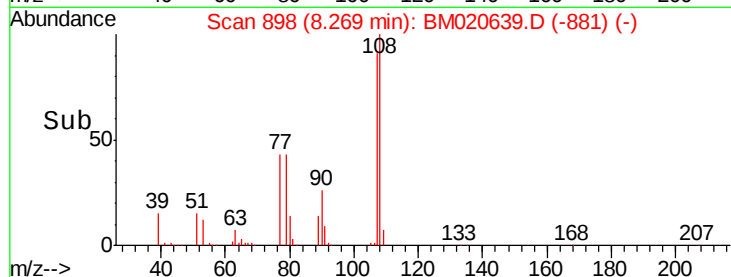
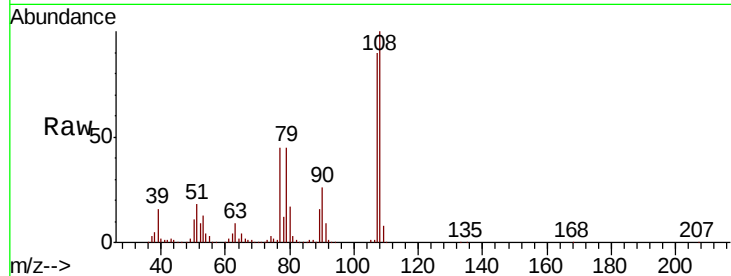
#17
2-Methylphenol
Concen: 36.291 ng
RT: 8.27 min Scan# 898
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	88.6	133.0	
77	50.1	40.6	61.0	
79	49.4	39.9	59.9	

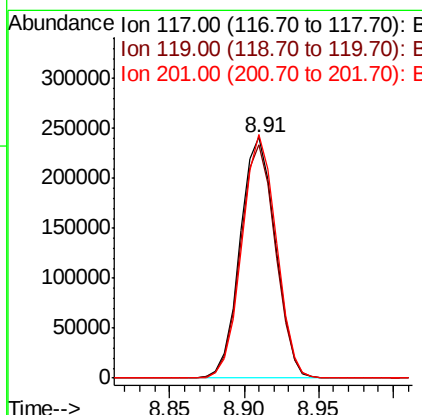
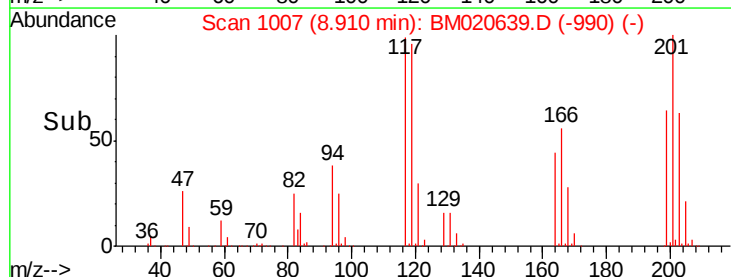
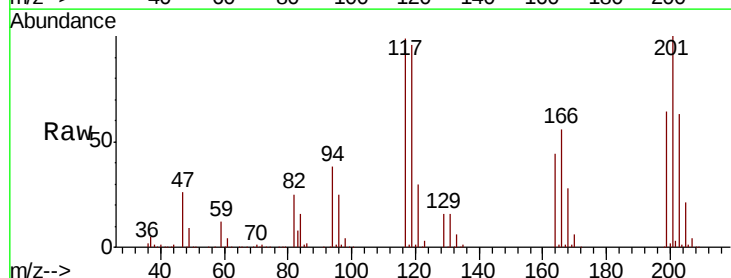
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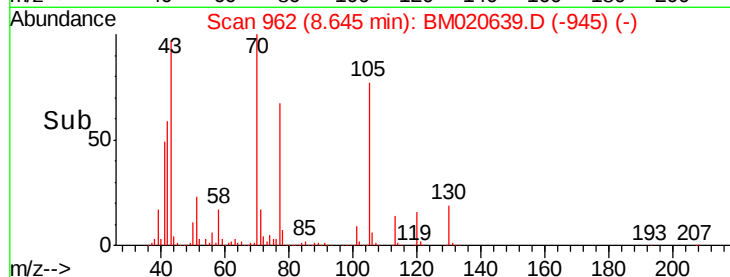
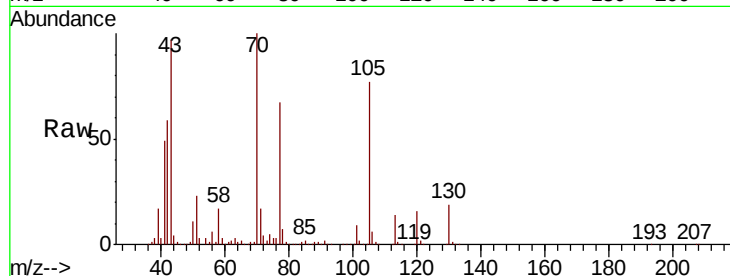
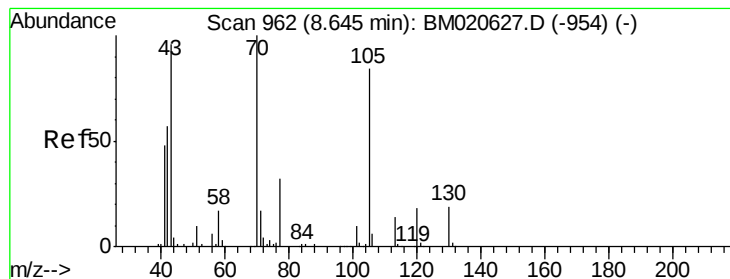
mohammad
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#18
Hexachloroethane
Concen: 38.997 ng
RT: 8.91 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	76.7	115.1	
201	101.1	77.9	116.9	





#19

n-Nitroso-di-n-propylamine

Concen: 34.354 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 741789

Ion Ratio Lower Upper

70 100

42 59.0 46.8 70.2

101 9.2 7.8 11.6

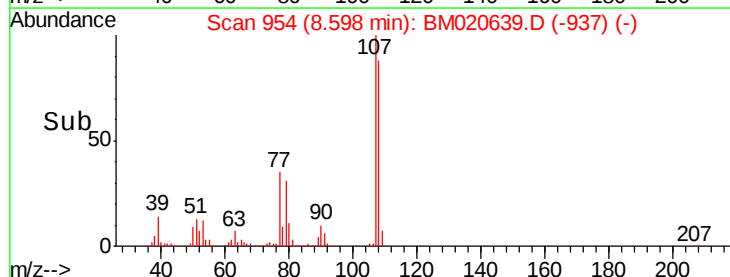
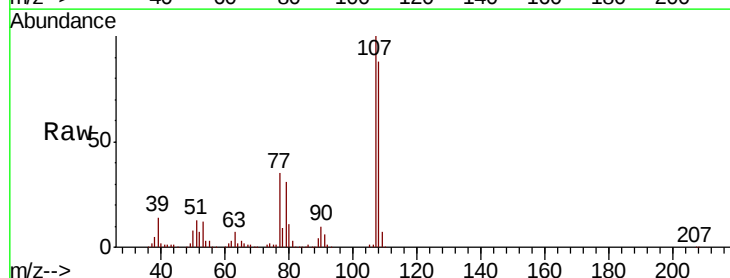
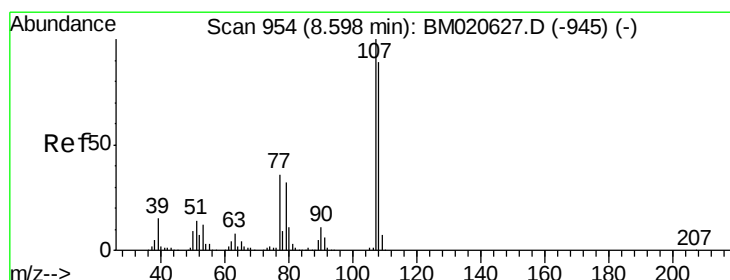
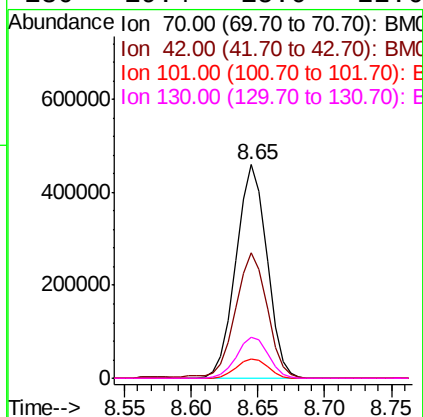
130 19.4 15.0 22.6

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#20

3+4-Methylphenols

Concen: 35.618 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion: 107 Resp: 986430

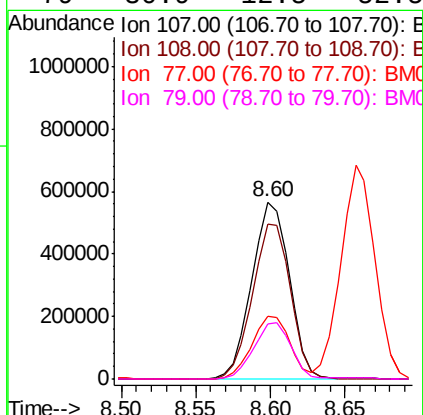
Ion Ratio Lower Upper

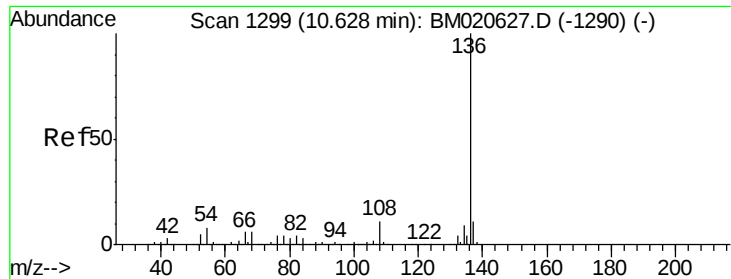
107 100

108 87.6 69.2 109.2

77 35.3 16.2 56.2

79 30.9 12.5 52.5





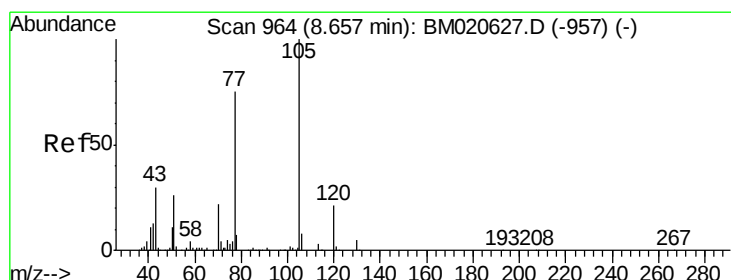
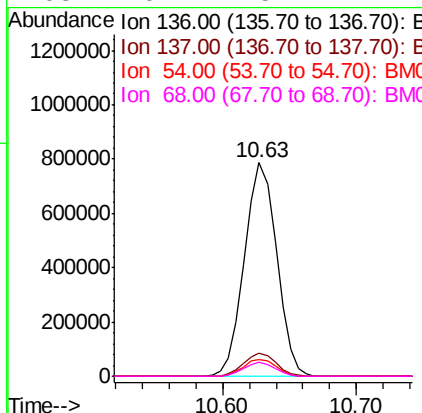
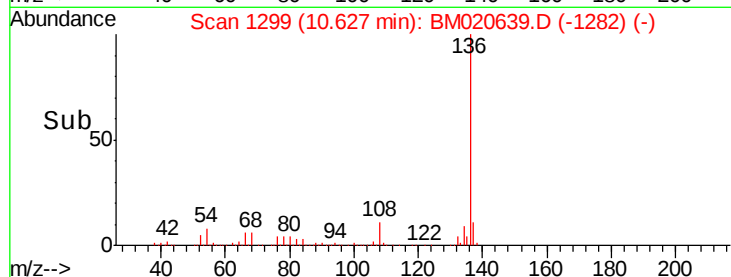
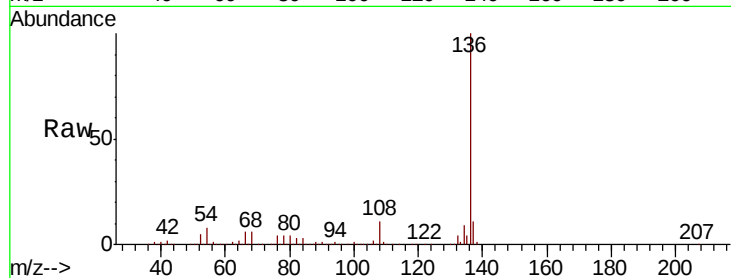
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	6.6	10.0
68	6.4	5.1	7.7

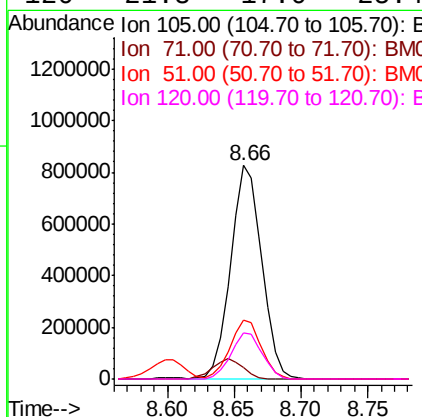
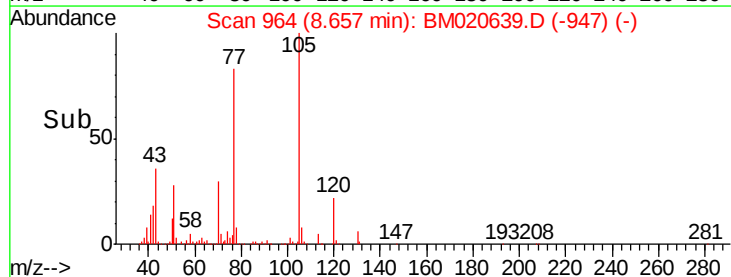
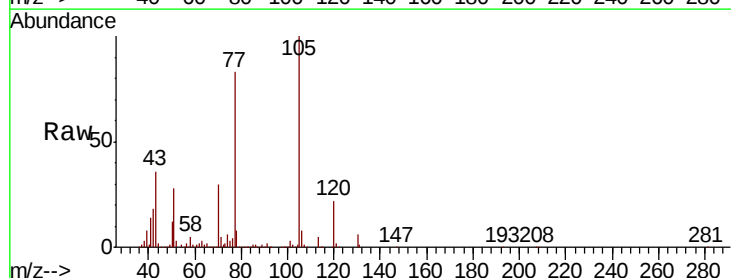
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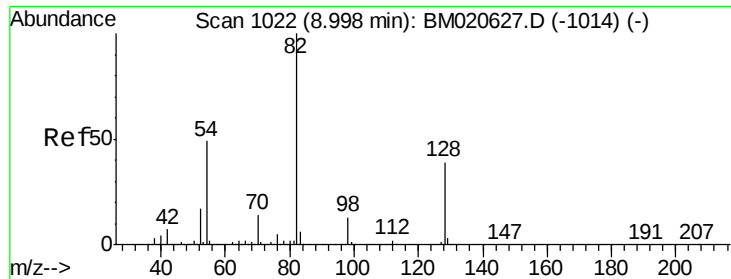
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#22
Acetophenone
Concen: 39.919 ng
RT: 8.66 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.2	4.8#
51	27.6	22.8	34.2
120	21.8	17.0	25.4





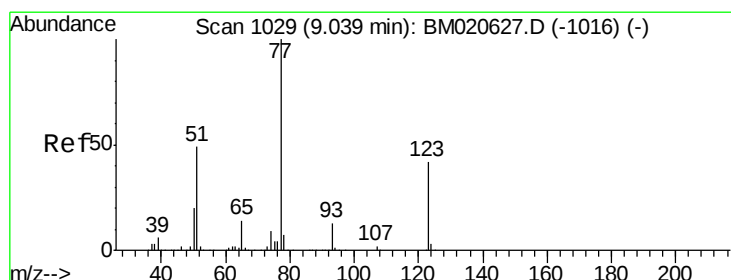
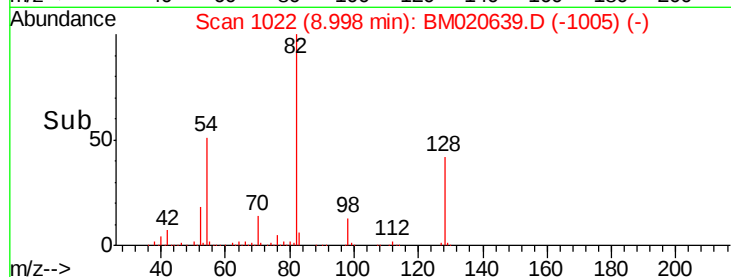
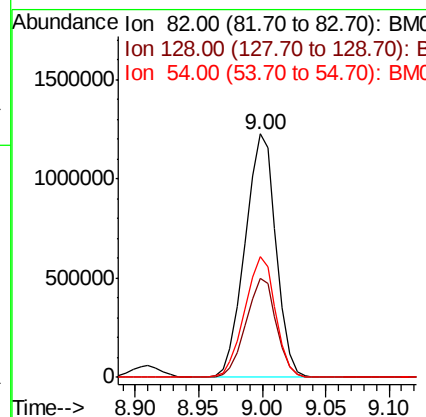
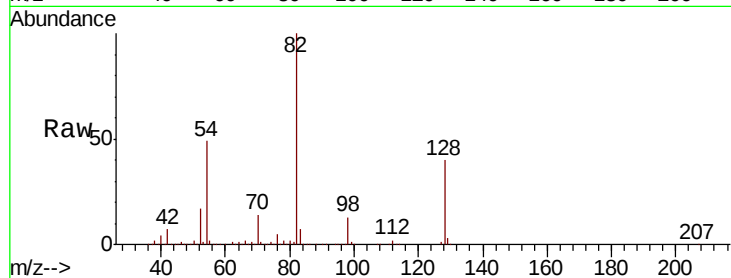
#23
Nitrobenzene-d5
Concen: 81.888 ng
RT: 9.00 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	31.5	47.3
54	49.4	39.4	59.0

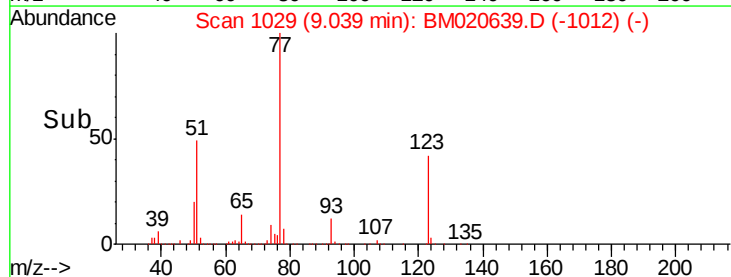
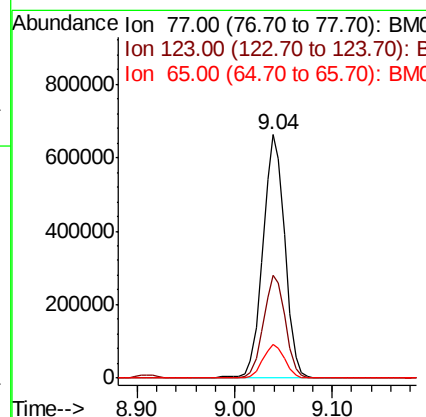
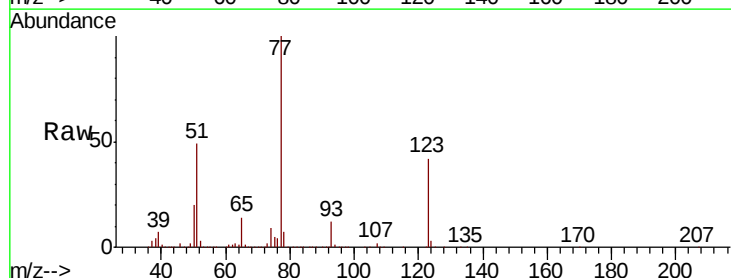
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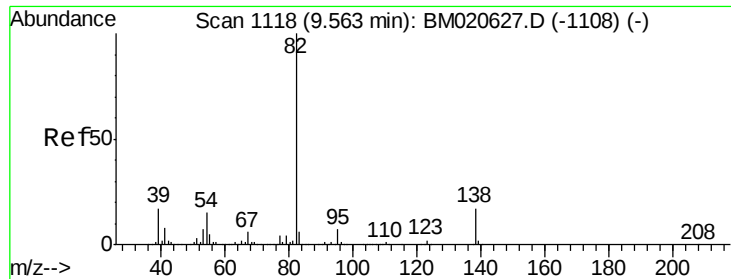
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#24
Nitrobenzene
Concen: 40.459 ng
RT: 9.04 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	33.7	50.5
65	13.9	11.0	16.6





#25

Isophorone

Concen: 37.277 ng

RT: 9.56 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1881469

Ion Ratio Lower Upper

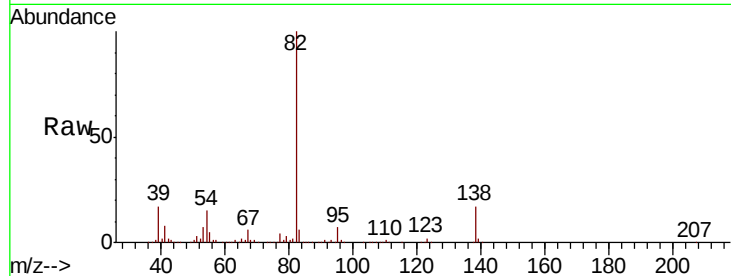
82 100

95 7.5 5.8 8.8

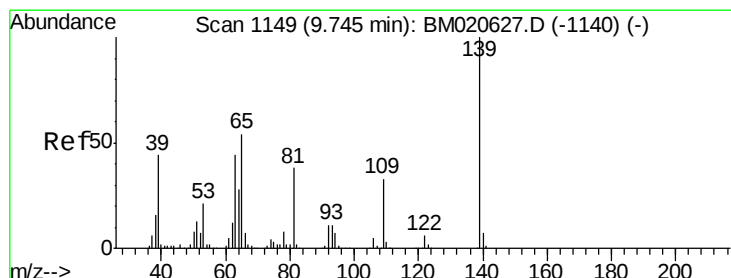
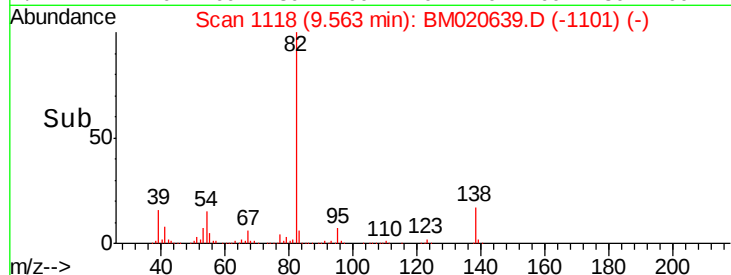
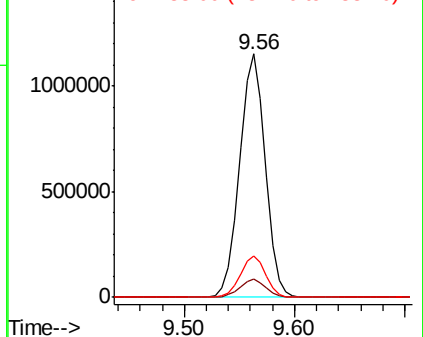
138 17.1 13.8 20.8

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Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 41.653 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

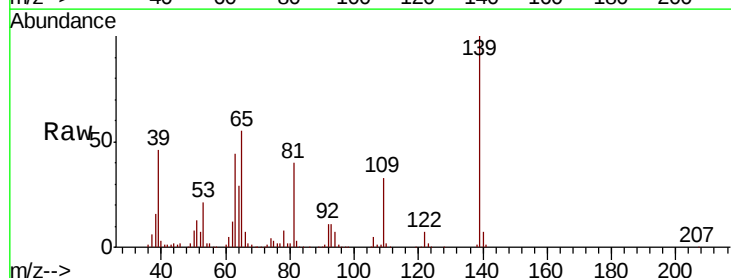
Tgt Ion: 139 Resp: 402119

Ion Ratio Lower Upper

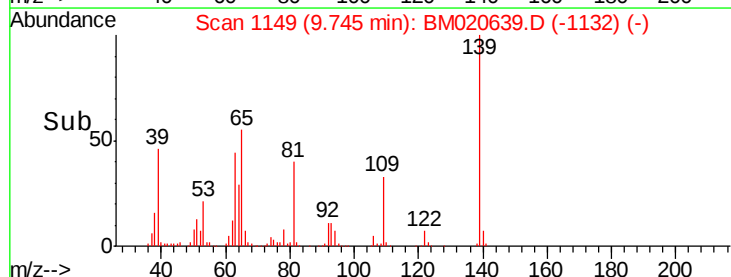
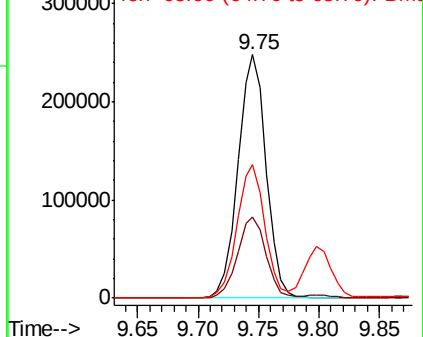
139 100

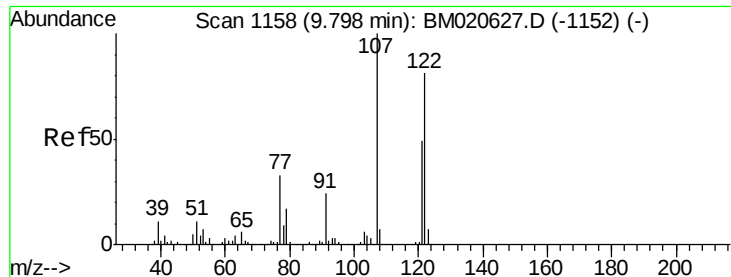
109 33.2 26.1 39.1

65 54.9 43.4 65.0



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





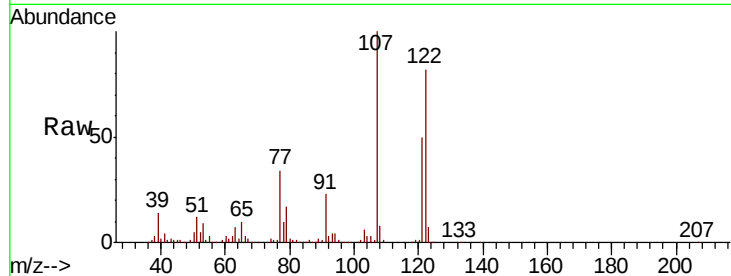
#27
2,4-Dimethylphenol
Concen: 38.688 ng
RT: 9.80 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.3	98.0	147.0
121	61.0	48.2	72.4

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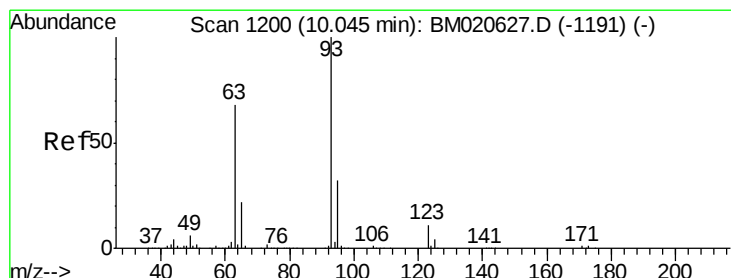
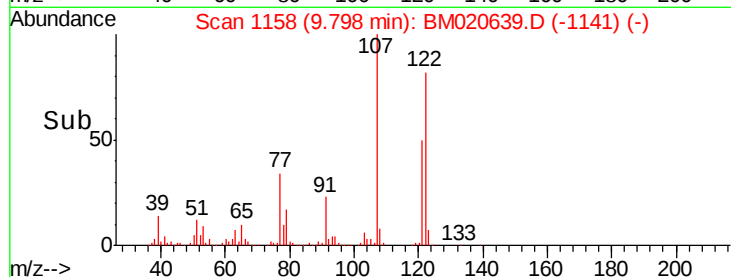
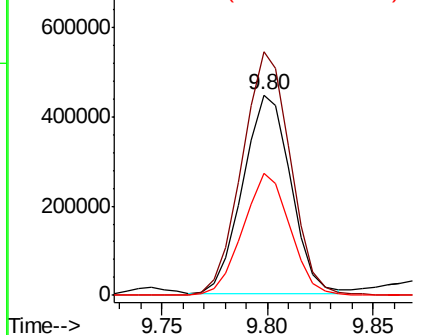


Abundance

Ion 122.00 (121.70 to 122.70): E

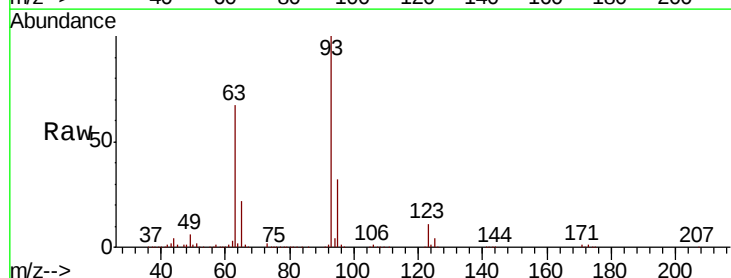
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.993 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.6
123	10.7	9.0	13.6

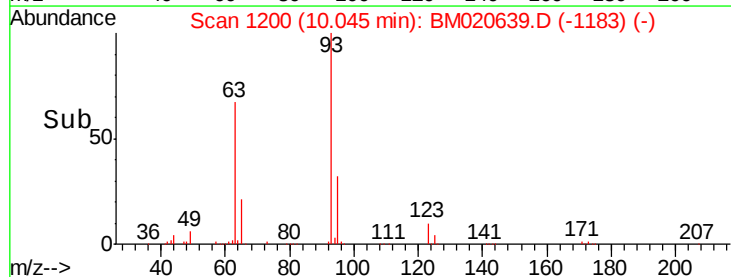
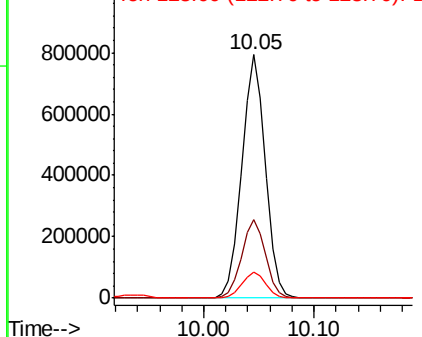


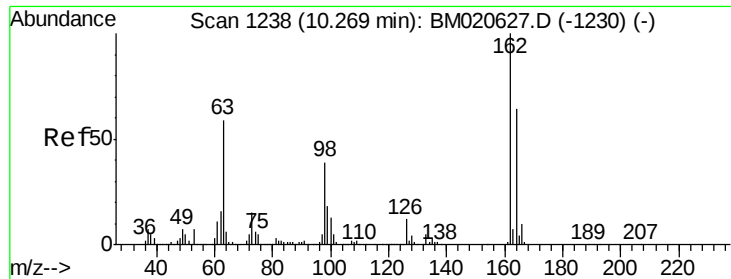
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





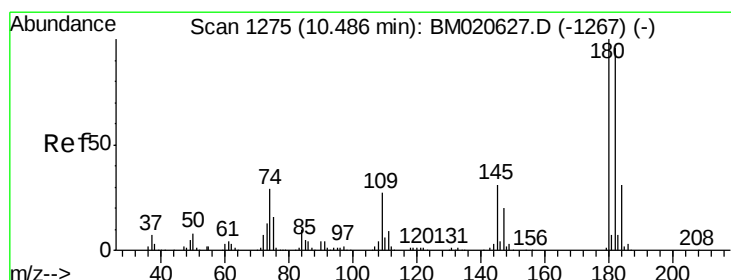
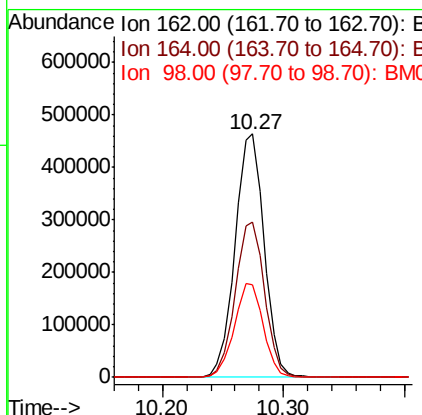
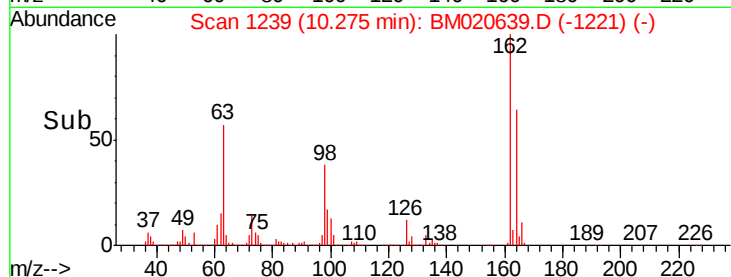
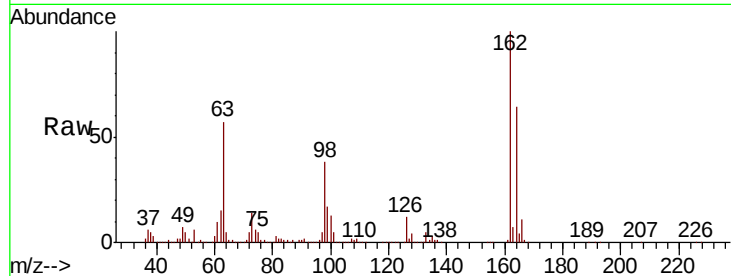
#29
2,4-Dichlorophenol
Concen: 38.995 ng
RT: 10.27 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	780460		
164	63.8	43.8	83.8	
98	38.1	19.1	59.1	

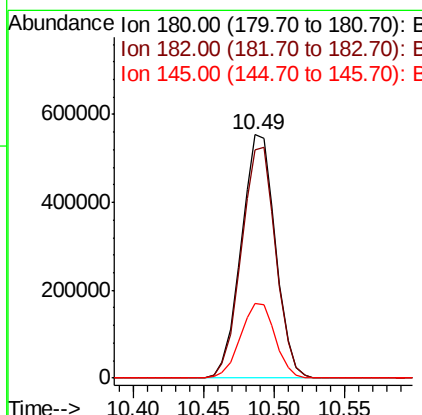
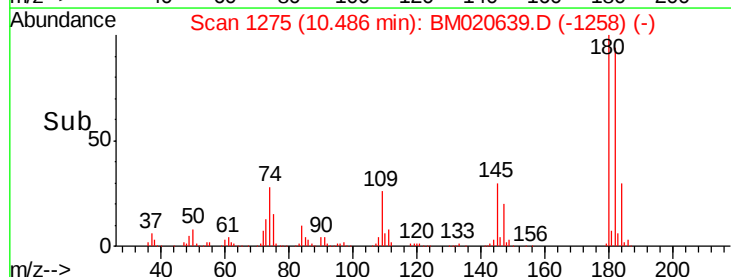
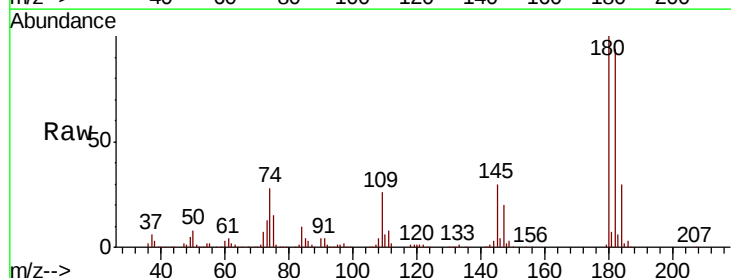
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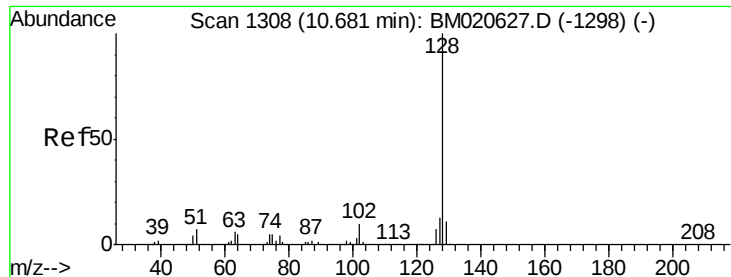
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#30
1,2,4-Trichlorobenzene
Concen: 40.872 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	940612		
182	93.6	77.0	115.6	
145	30.4	25.0	37.4	





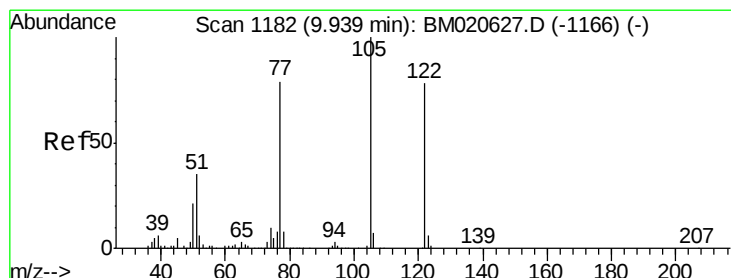
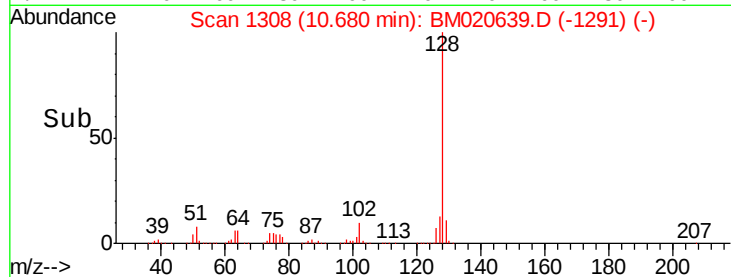
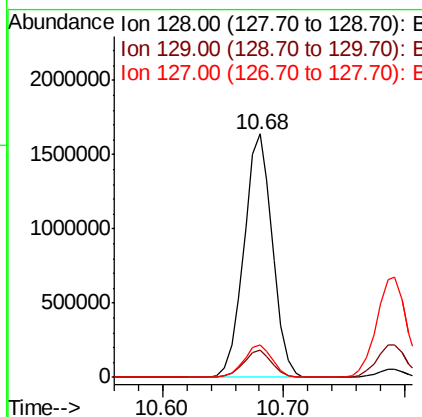
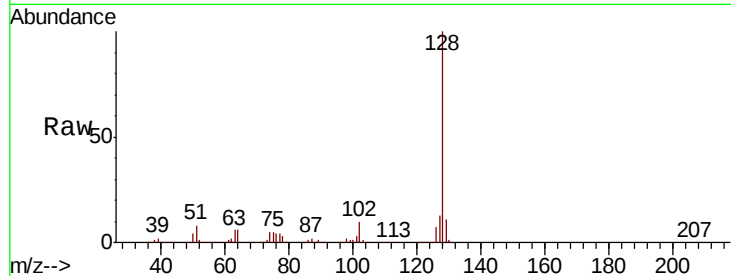
#31
Naphthalene
Concen: 39.697 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.3	15.5

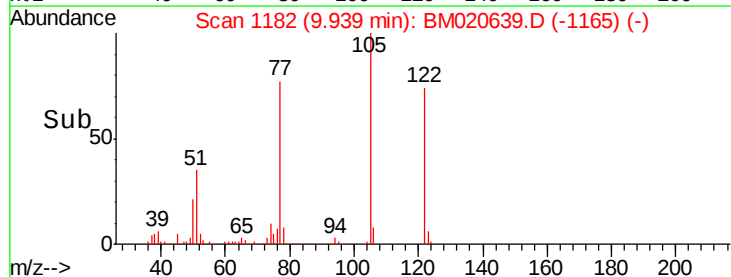
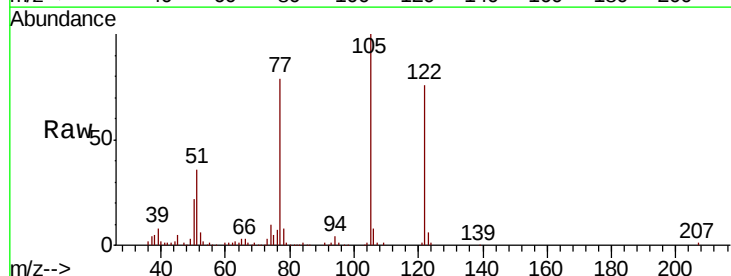
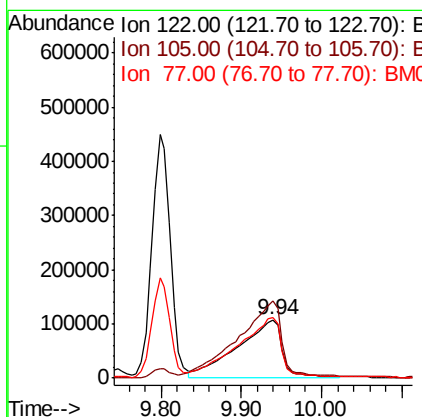
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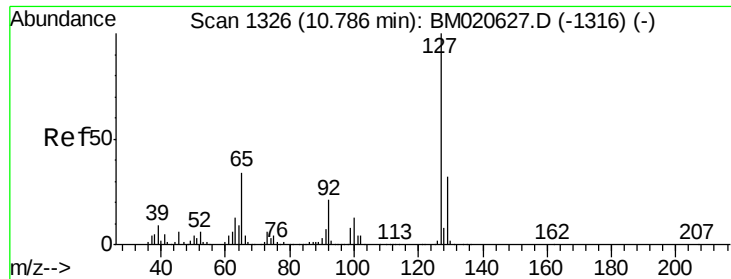
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#32
Benzoic acid
Concen: 38.740 ng m
RT: 9.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	107.0	147.0
77	103.1	80.9	120.9





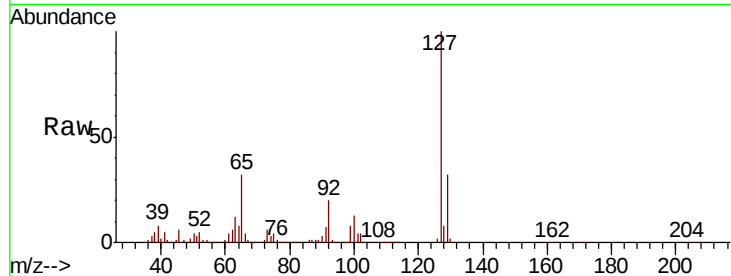
#33
4-Chloroaniline
Concen: 36.992 ng
RT: 10.79 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	32.4	27.4	41.0		
92	20.3	17.0	25.6		

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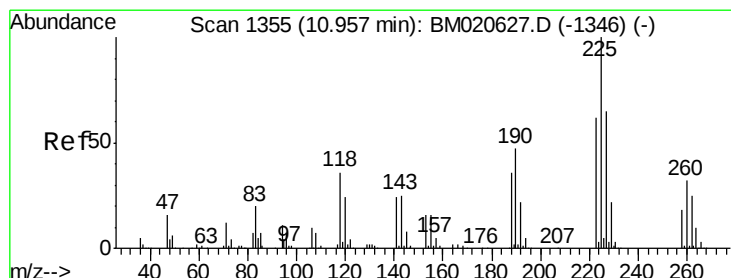
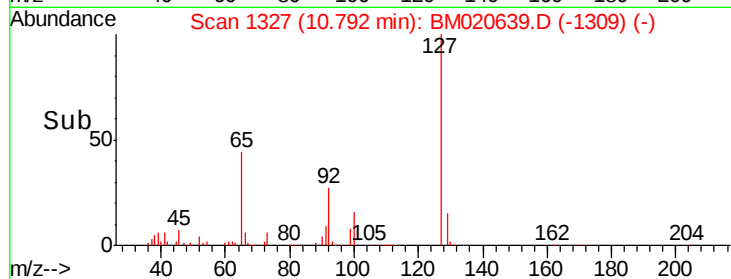
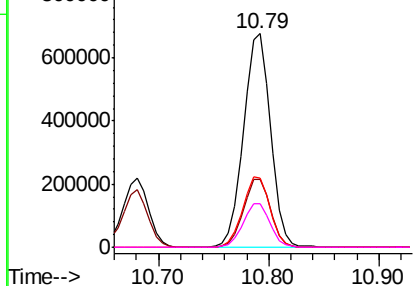
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 41.375 ng
RT: 10.96 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

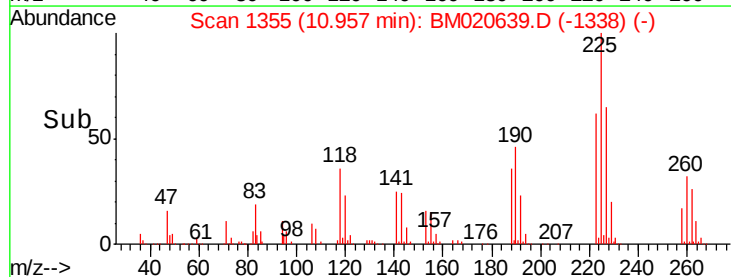
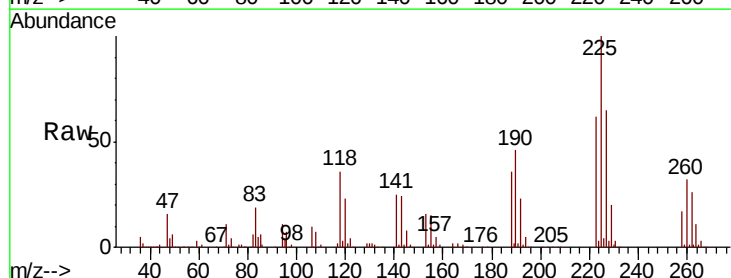
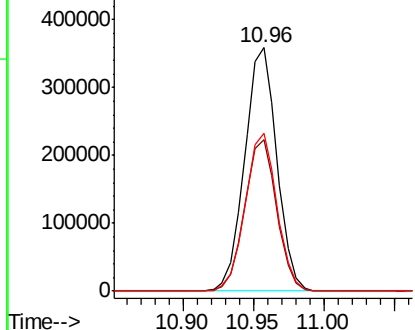
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.7	74.5		
227	64.7	51.8	77.8		

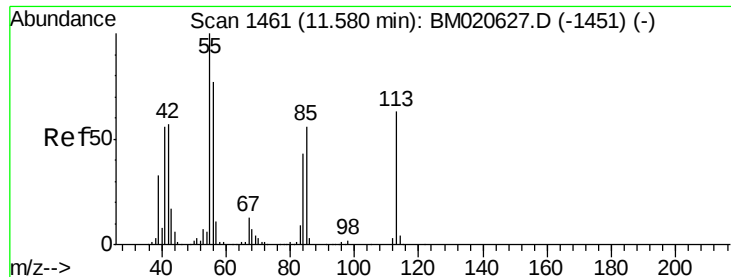
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.574 ng

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

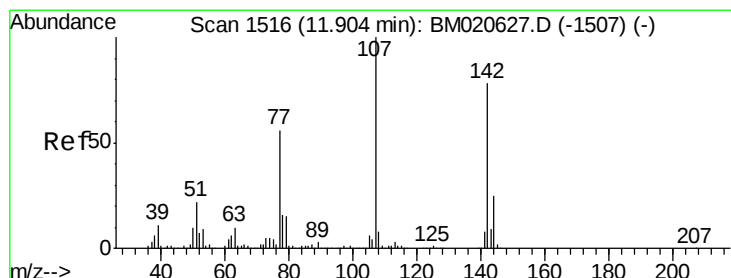
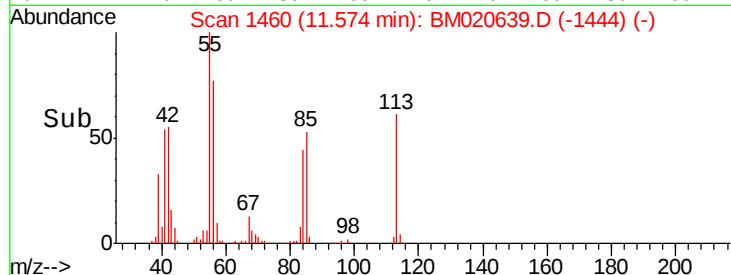
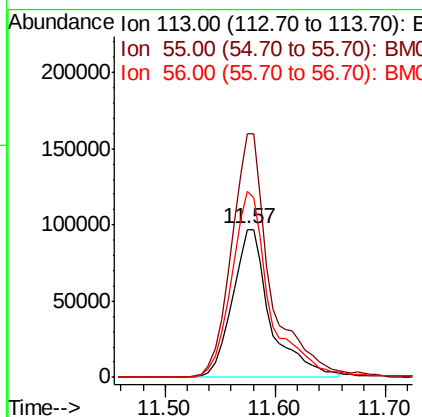
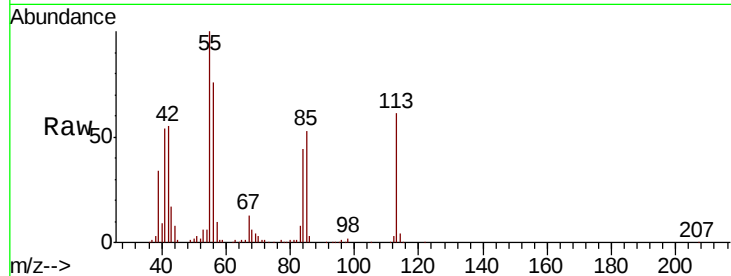
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	233440
Ion Ratio	Lower	Upper	
113	100		
55	164.1	138.6	178.6
56	125.3	102.3	142.3

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#36

4-Chloro-3-methylphenol

Concen: 34.768 ng

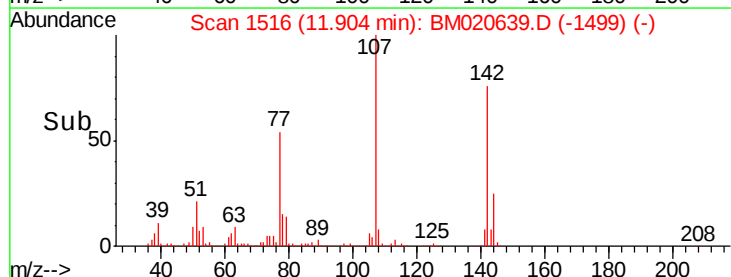
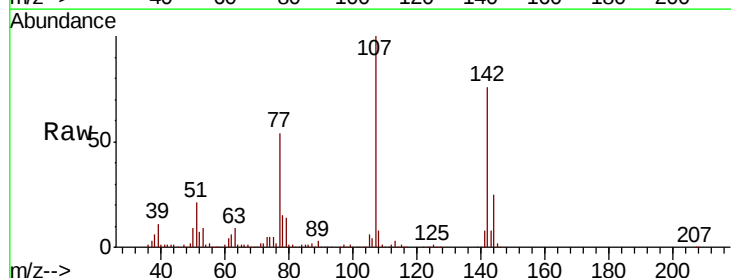
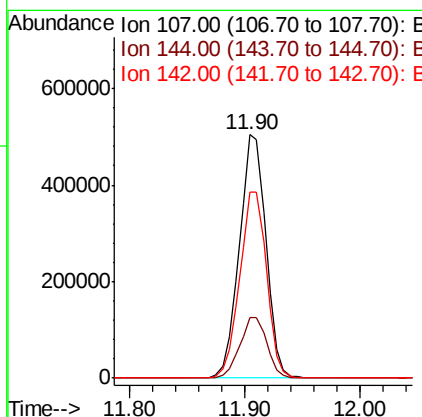
RT: 11.90 min Scan# 1516

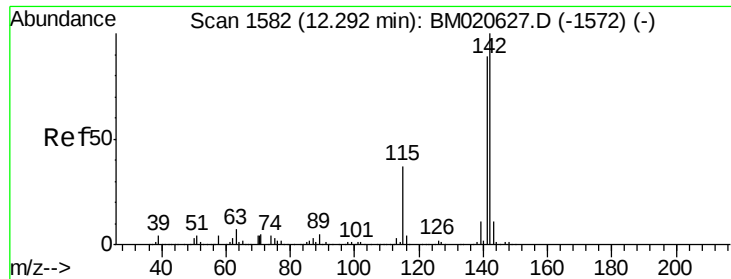
Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion:	107	Resp:	809054
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.3	30.5
142	76.3	62.6	93.8





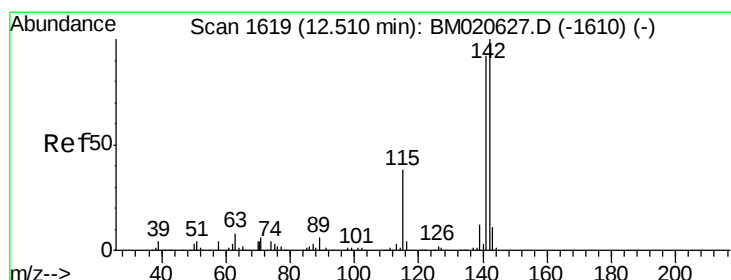
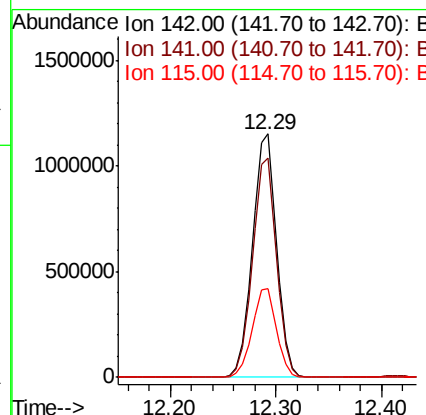
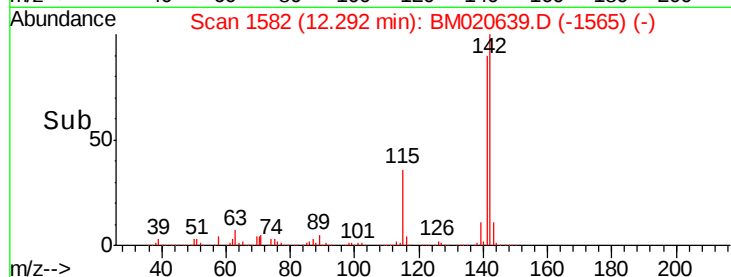
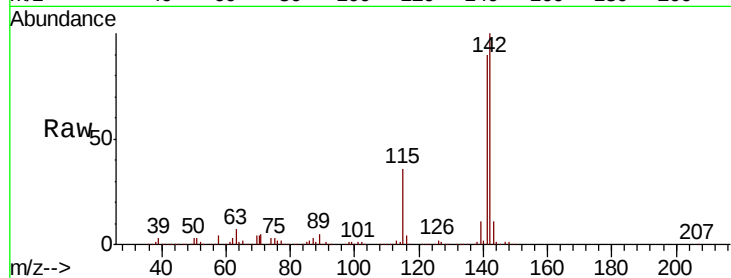
#37
2-Methylnaphthalene
Concen: 36.625 ng
RT: 12.29 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.6	107.4
115	36.2	29.6	44.4

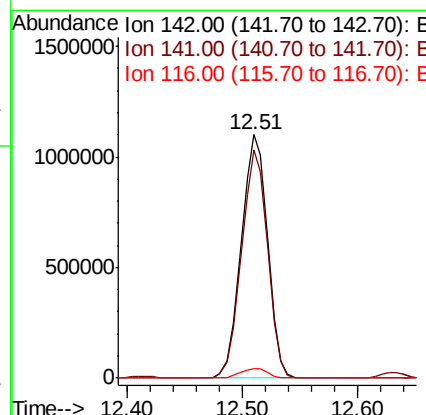
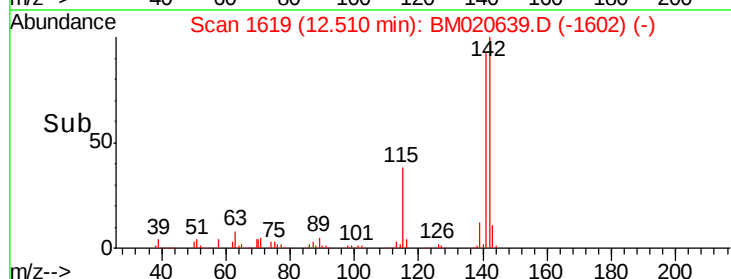
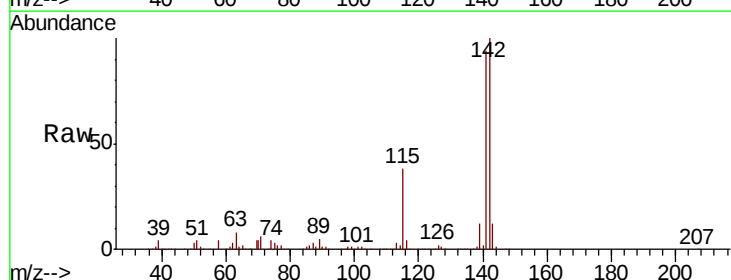
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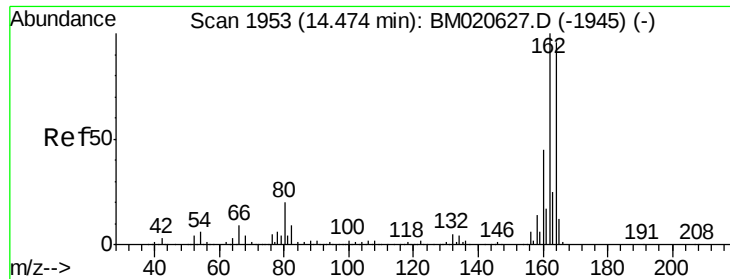
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#38
1-Methylnaphthalene
Concen: 36.212 ng
RT: 12.51 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.9	110.9
116	4.1	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

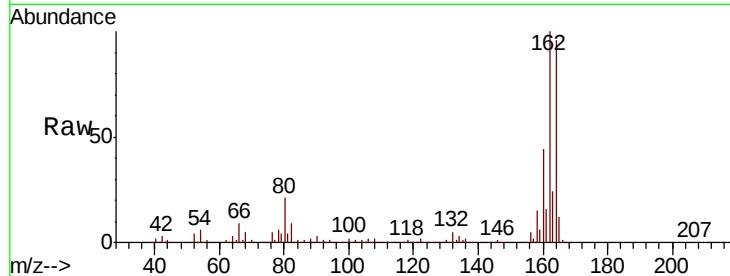
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	644527
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.2	124.8
160	46.0	37.5	56.3

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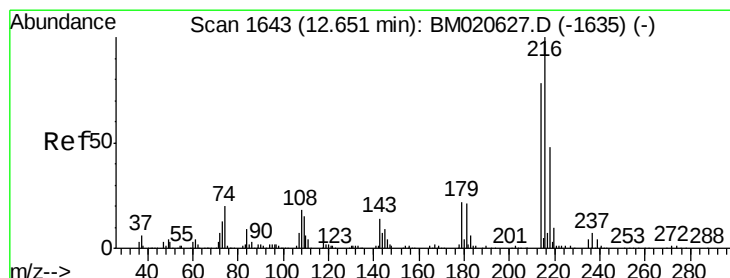
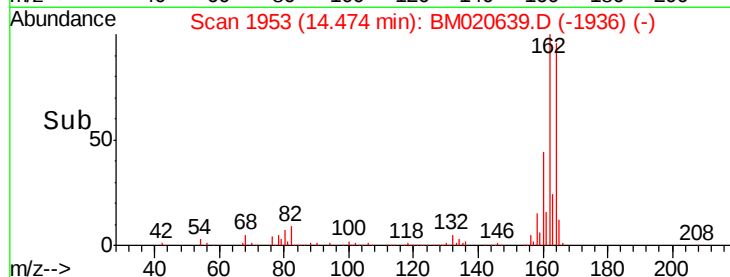
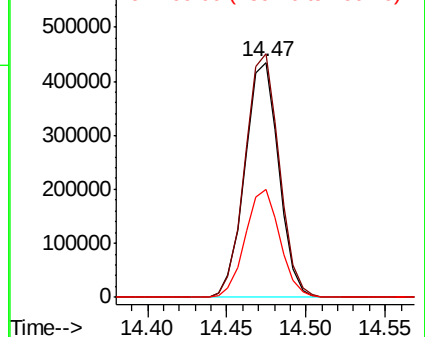


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.643 ng

RT: 12.66 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion:	216	Resp:	900702
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.4
179	22.4	17.9	26.9
108	19.4	16.2	24.2

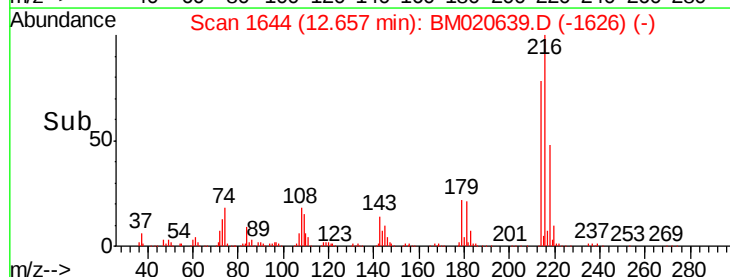
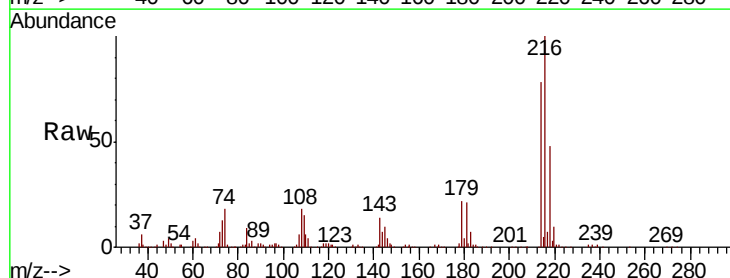
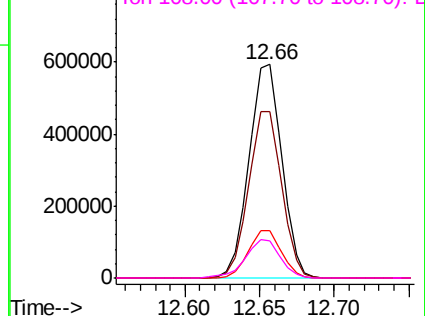
Abundance

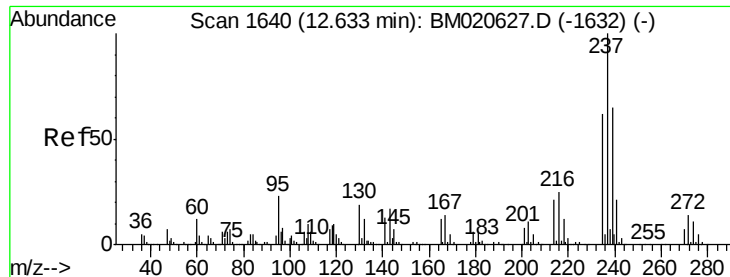
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 22.675 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

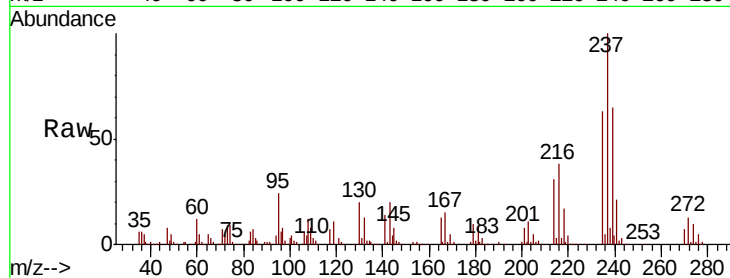
ClientSampleId :

SSTDCCC040

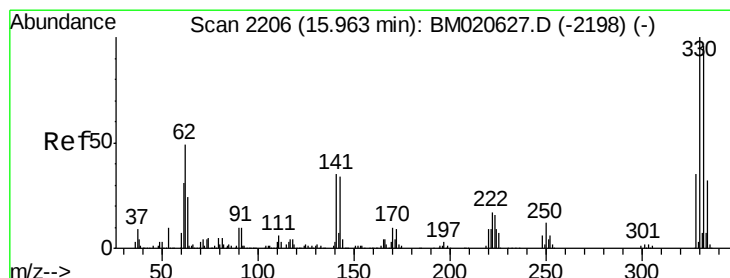
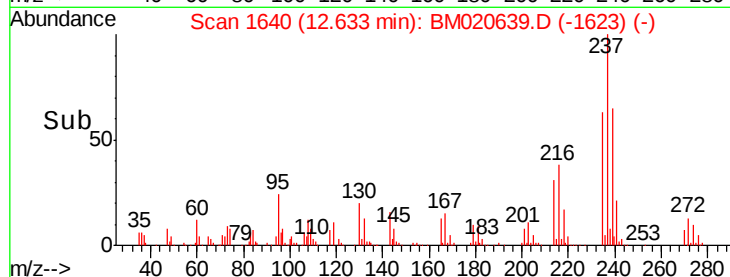
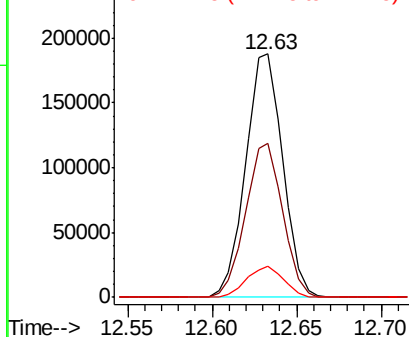
Tot Ion:	237	Resp:	286442
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.1	82.1
272	12.9	0.0	33.5

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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: 71.401 ng

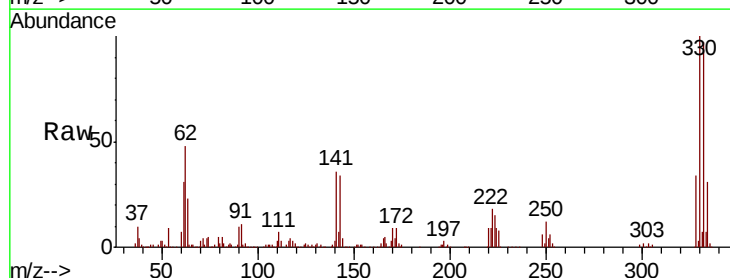
RT: 15.96 min Scan# 2206

Delta R.T. -0.00 min

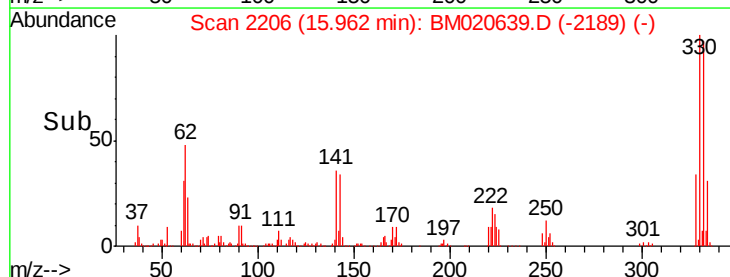
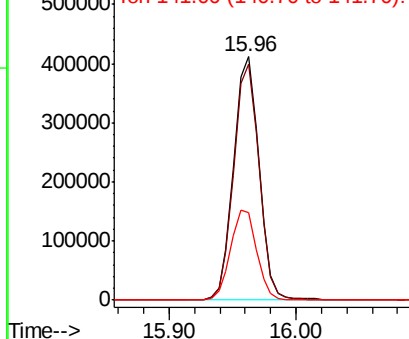
Lab File: BM020639.D

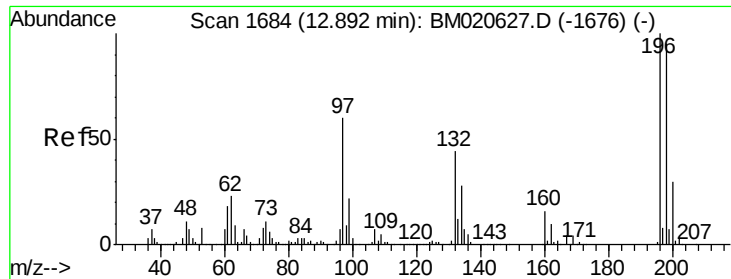
Acq: 31 May 2019 20:48

Tgt Ion:	330	Resp:	570184
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	38.3	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





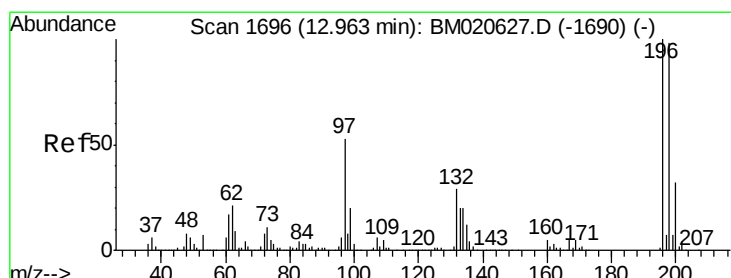
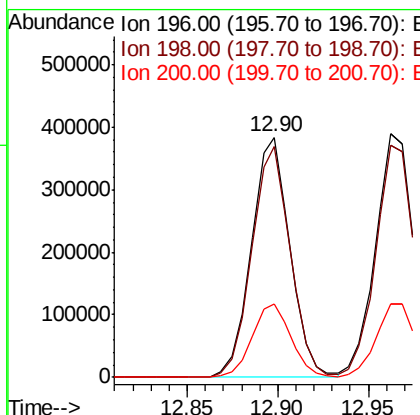
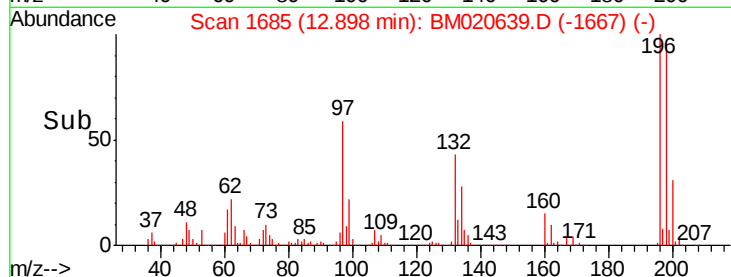
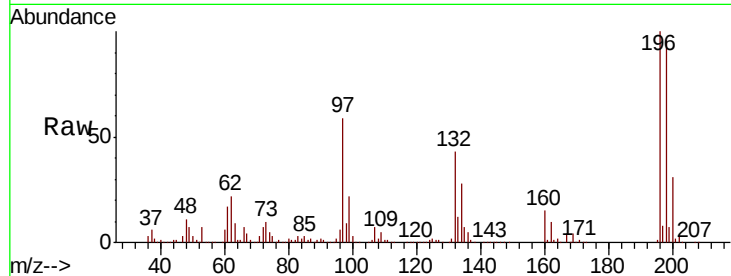
#43
 2,4,6-Trichlorophenol
 Concen: 41.689 ng
 RT: 12.90 min Scan# 1685
 Delta R.T. 0.01 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	566787		
198	96.4	75.7	113.5	
200	30.6	23.9	35.9	

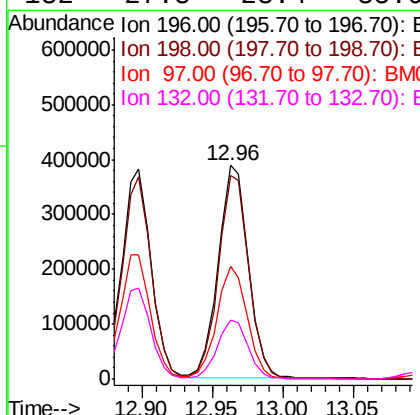
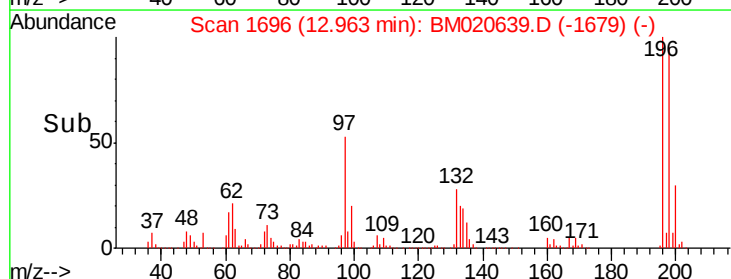
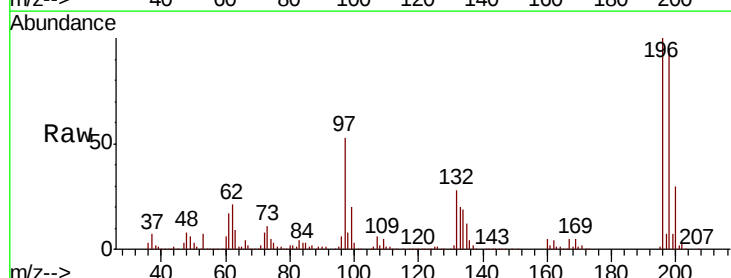
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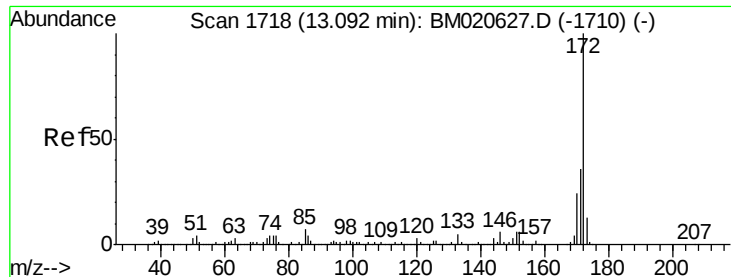
mohammad
 6/3/2019 8:48:57 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.872 ng
 RT: 12.96 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	573687		
198	95.1	78.6	117.8	
97	53.0	42.7	64.1	
132	27.8	23.4	35.0	





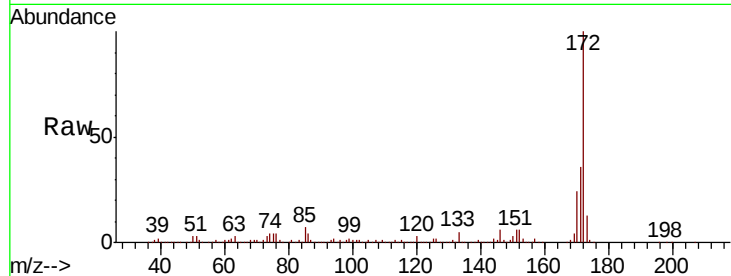
#45
2-Fluorobiphenyl
Concen: 85.044 ng
RT: 13.10 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.6	18.9	28.3

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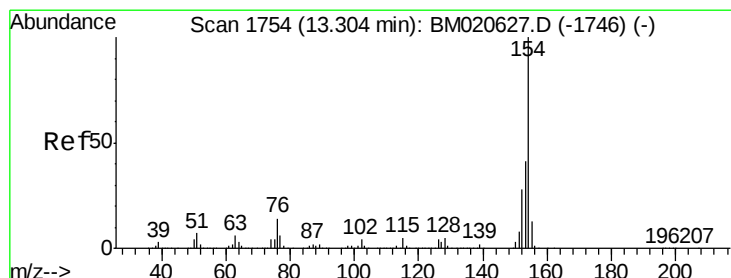
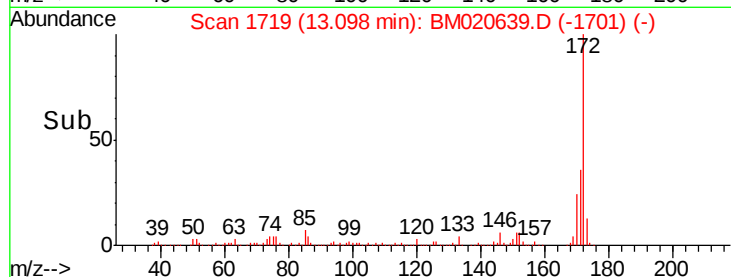
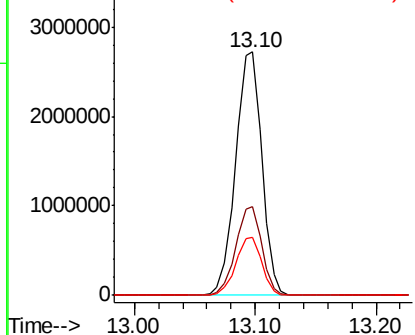


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.181 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

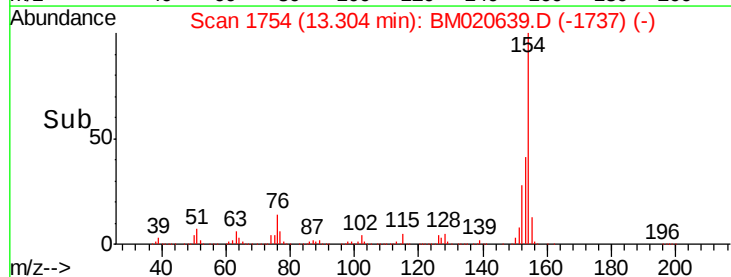
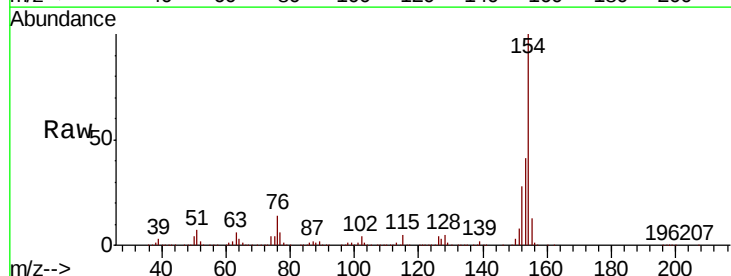
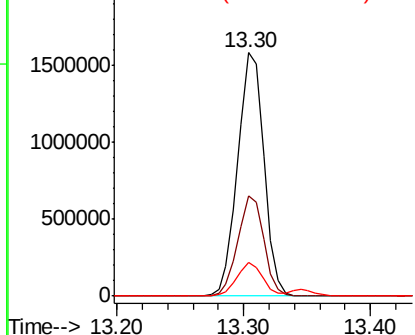
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	13.6	0.0	34.0

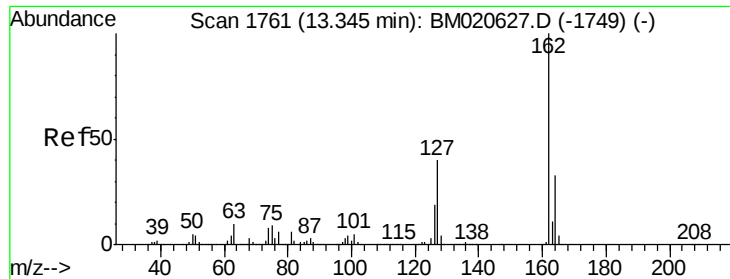
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





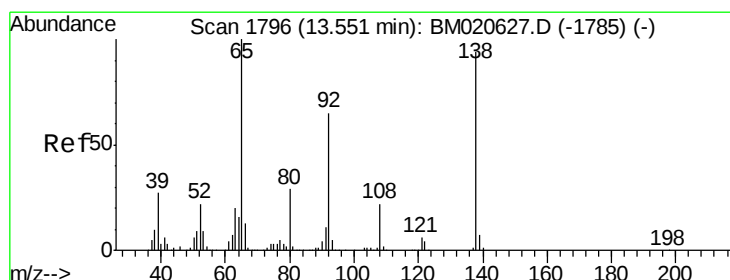
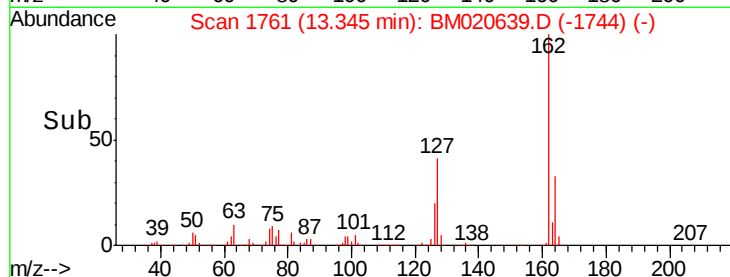
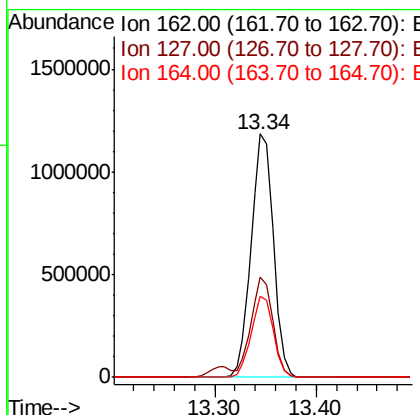
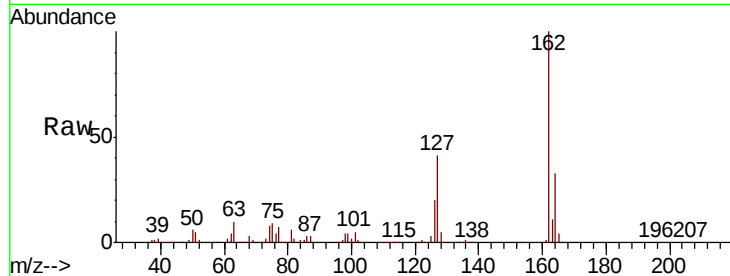
#47
2-Chloronaphthalene
Concen: 41.530 ng
RT: 13.34 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.1	48.1
164	33.1	26.6	39.8

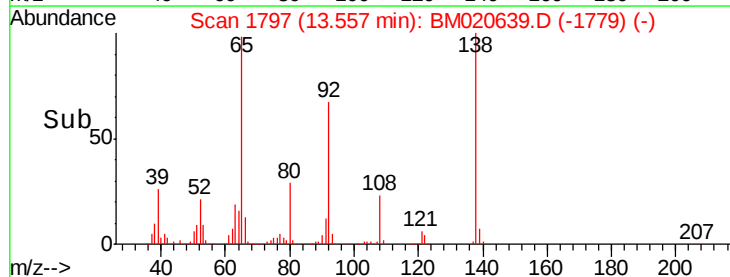
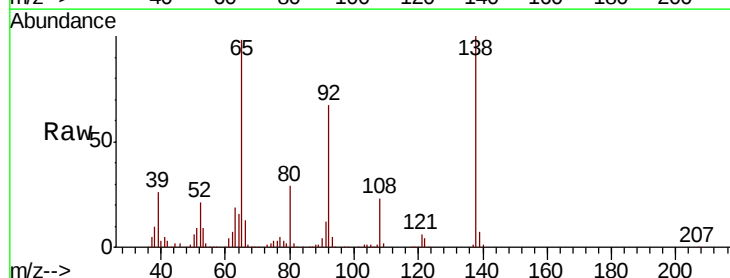
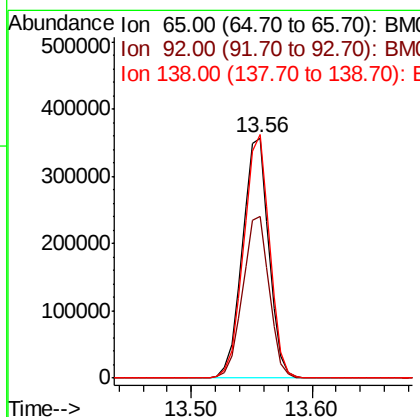
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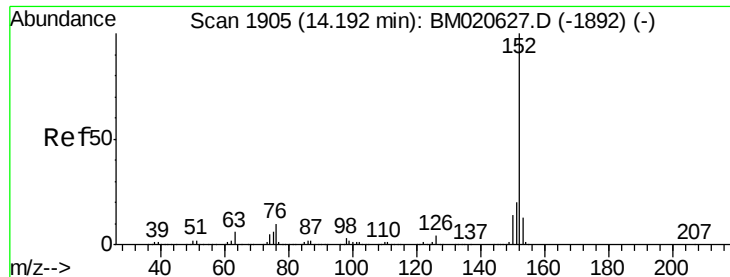
mohammad
6/3/2019 8:48:57 AM



#48
2-Nitroaniline
Concen: 40.128 ng
RT: 13.56 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	52.2	78.4
138	101.5	75.4	113.0





#49

Acenaphthylene

Concen: 39.670 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2689118

Ion Ratio Lower Upper

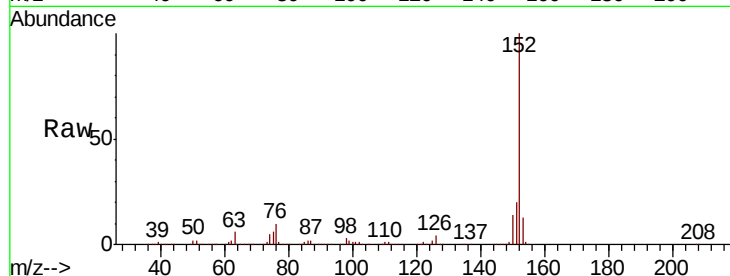
152 100

151 20.0 16.2 24.2

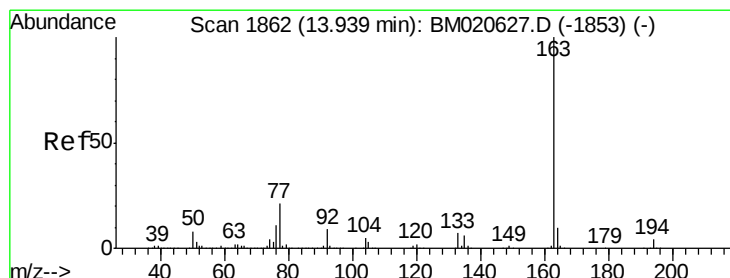
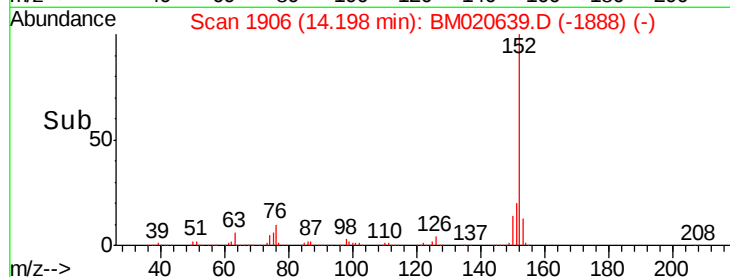
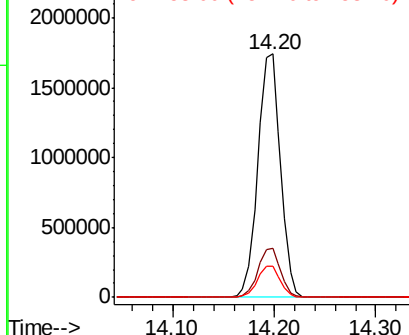
153 12.8 10.6 15.8

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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: 38.392 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

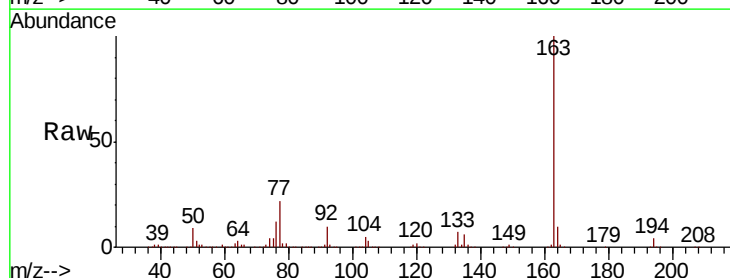
Tgt Ion:163 Resp: 2114041

Ion Ratio Lower Upper

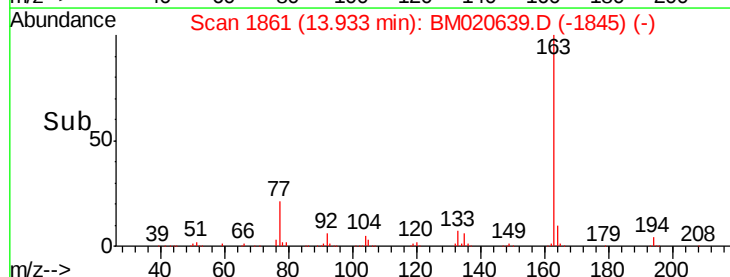
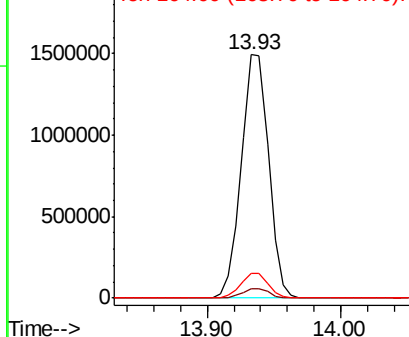
163 100

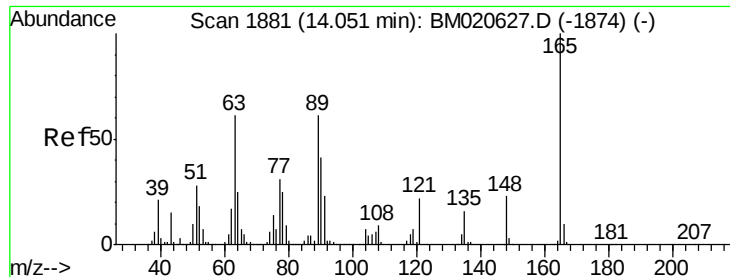
194 3.9 3.2 4.8

164 10.4 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





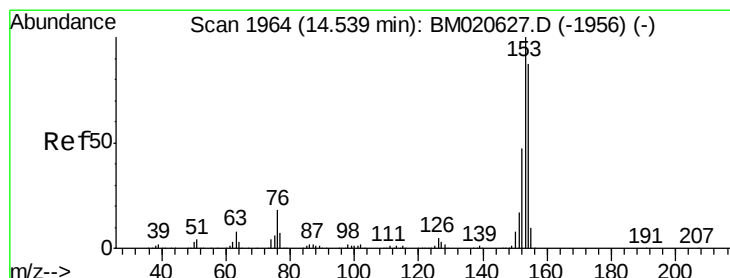
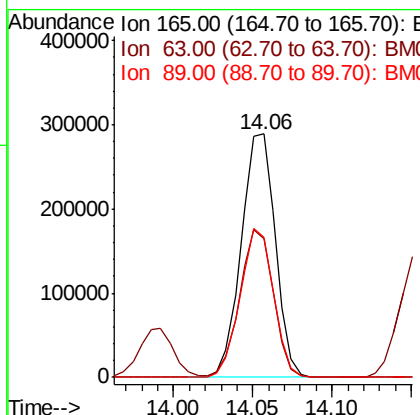
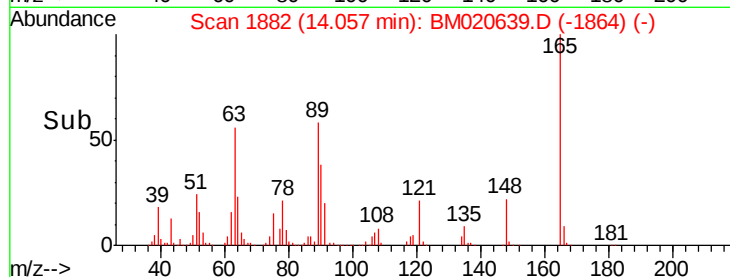
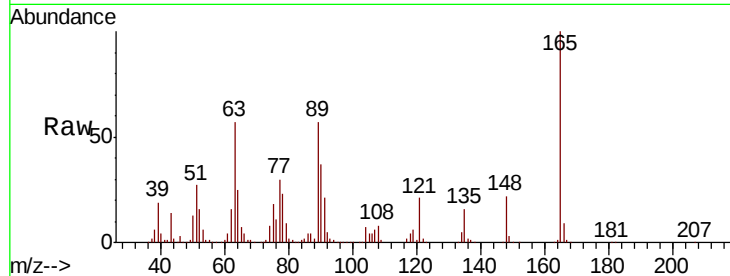
#51
2,6-Dinitrotoluene
Concen: 38.625 ng
RT: 14.06 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	50.4	75.6
89	57.3	49.1	73.7

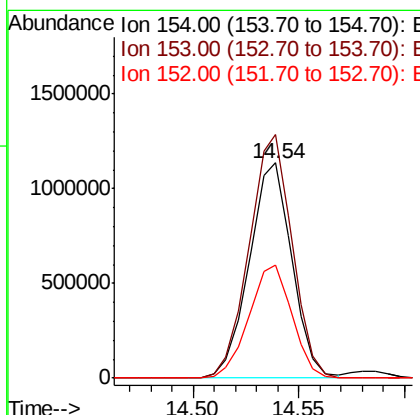
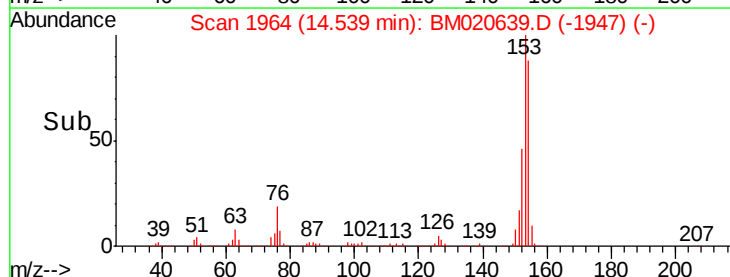
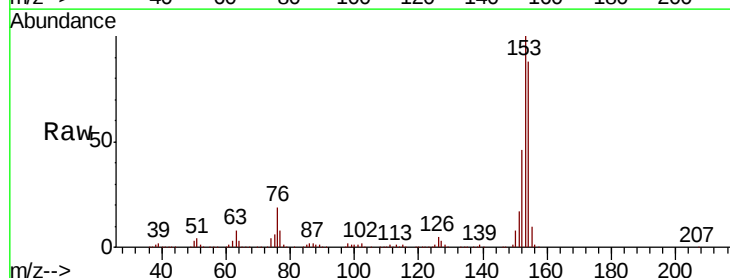
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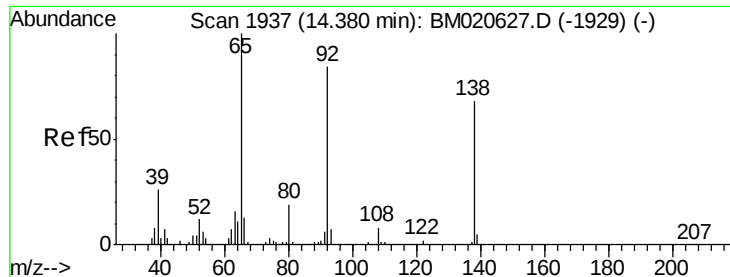
mohammad
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#52
Acenaphthene
Concen: 39.519 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.4	138.6
152	52.5	43.4	65.0





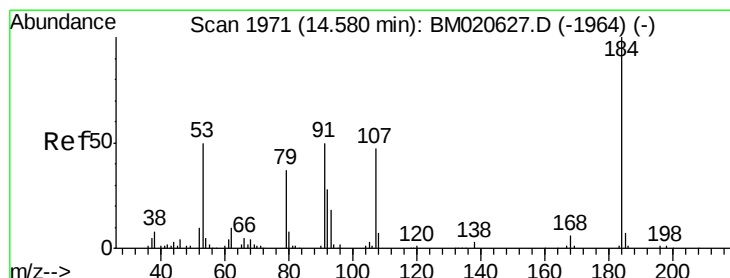
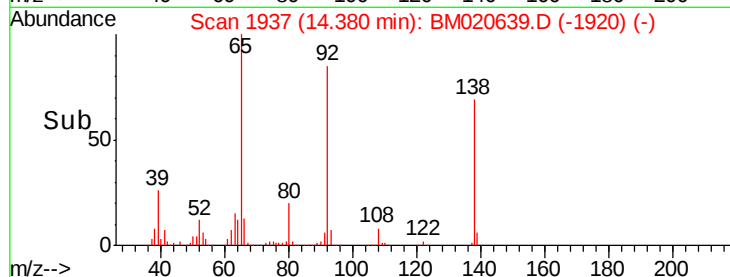
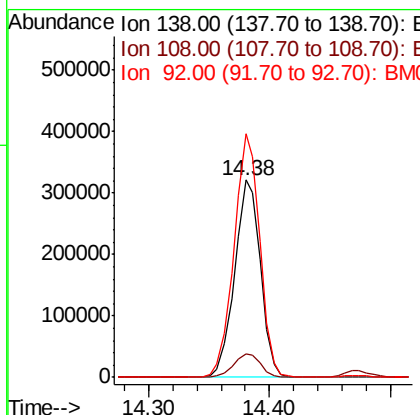
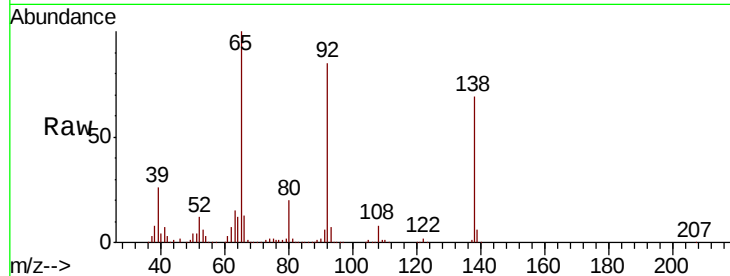
#53
3-Nitroaniline
Concen: 38.313 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.5	14.3
92	123.4	99.6	149.4

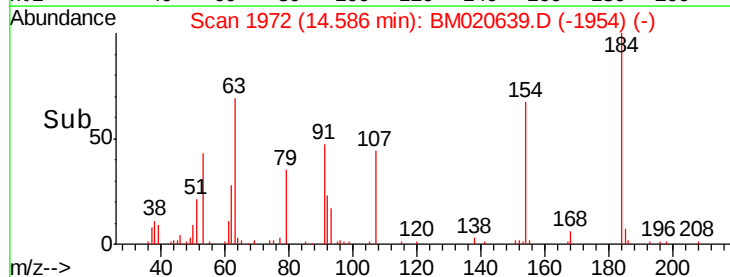
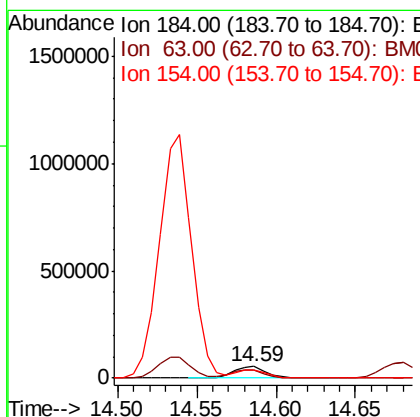
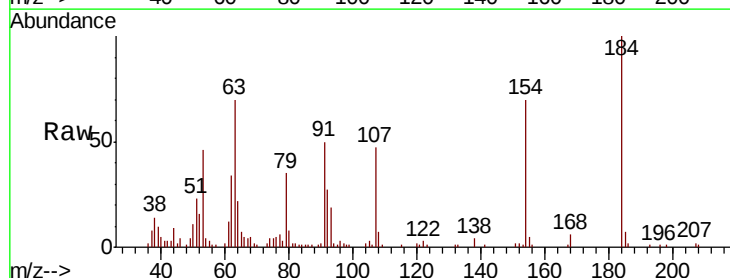
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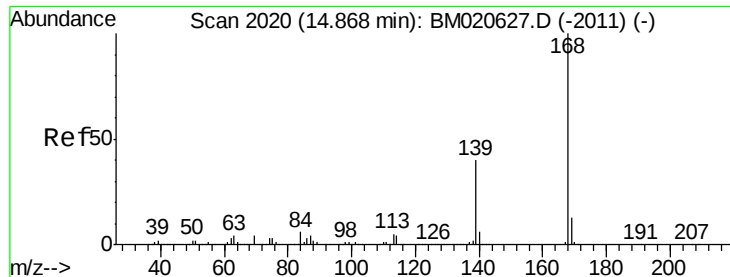
mohammad
6/3/2019 8:48:57 AM



#54
2,4-Dinitrophenol
Concen: 22.096 ng
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.3	59.3	88.9
154	70.1	56.5	84.7





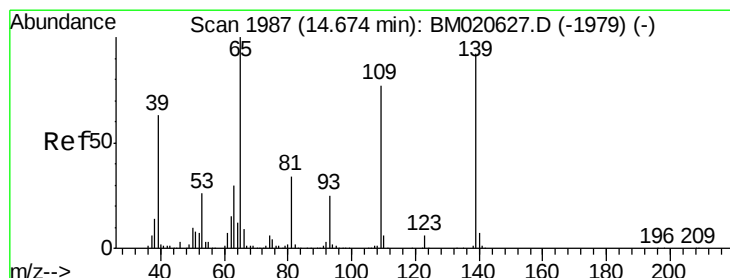
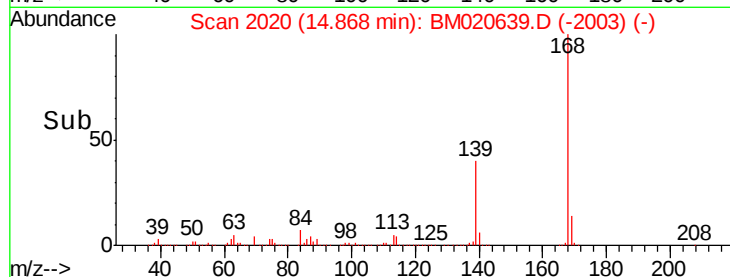
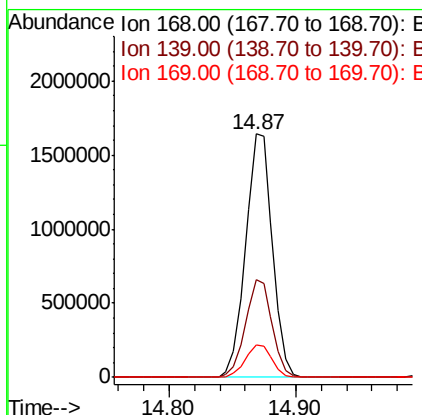
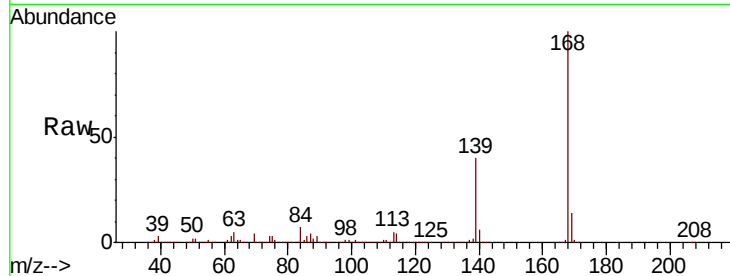
#55
Dibenzenofuran
Concen: 38.261 ng
RT: 14.87 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.9	47.9
169	13.6	10.7	16.1

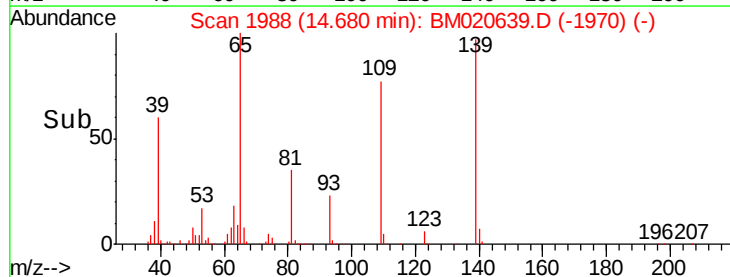
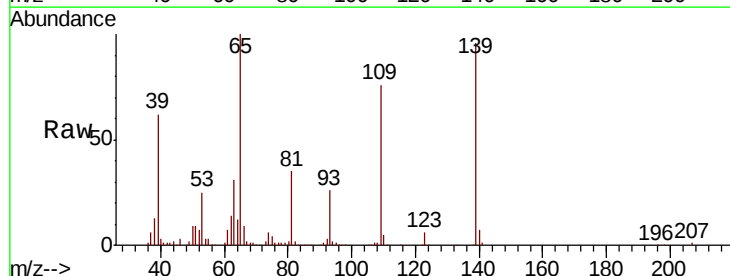
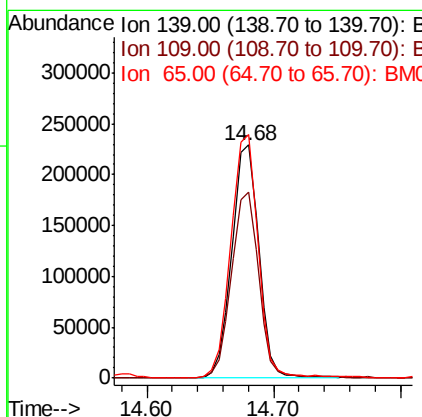
Manual Integrations
APPROVED

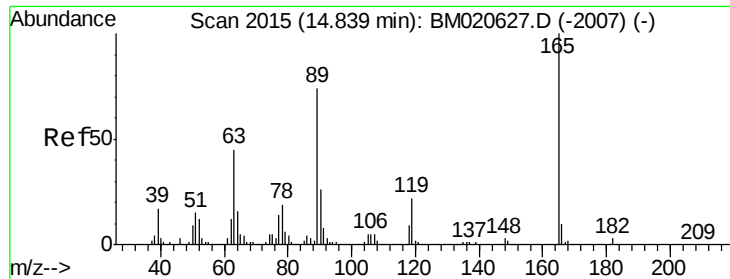
mohammad
6/3/2019 8:48:57 AM



#56
4-Nitrophenol
Concen: 36.717 ng
RT: 14.68 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.8	62.7	102.7
65	104.6	88.3	128.3





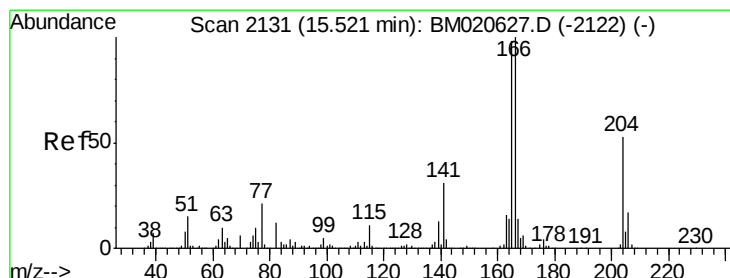
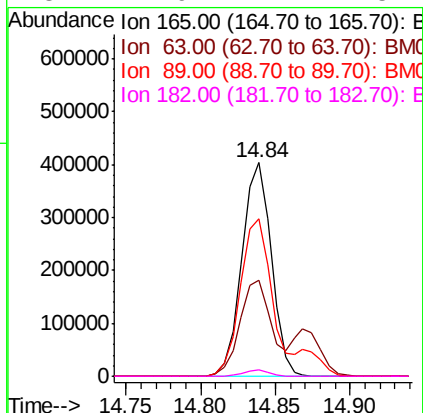
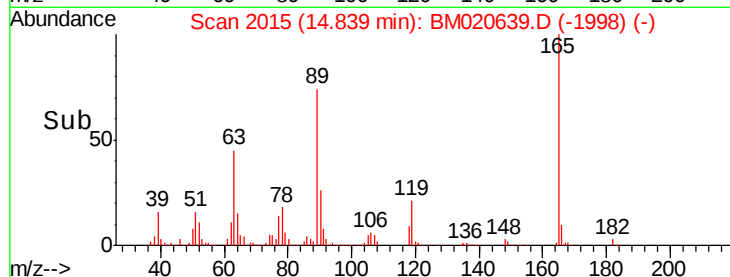
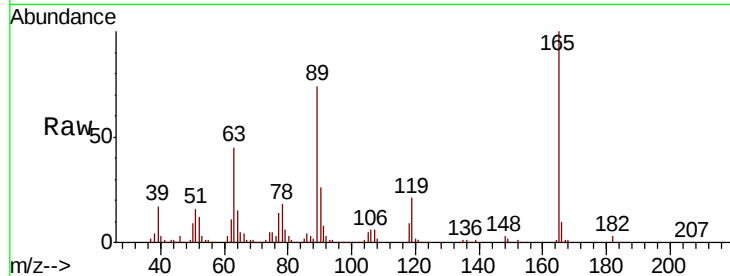
#57
 2,4-Dinitrotoluene
 Concen: 36.812 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.3	54.5
89	73.6	59.0	88.6
182	2.9	2.2	3.4

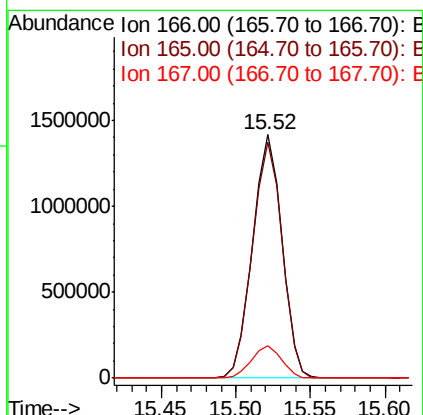
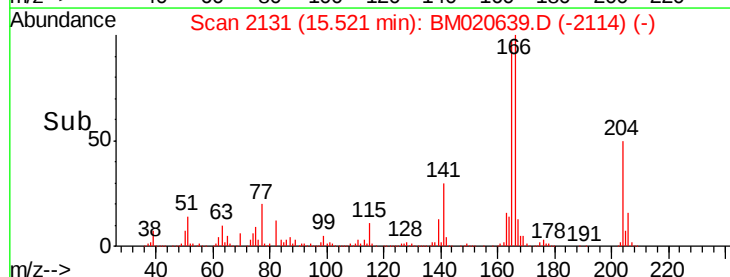
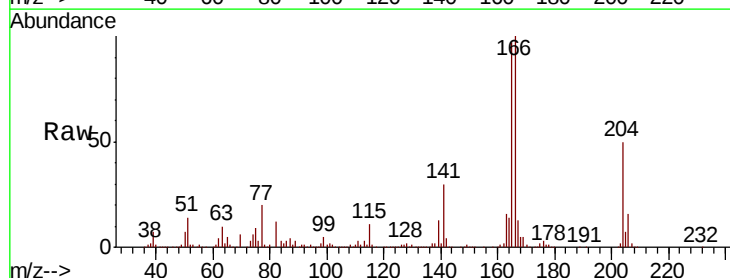
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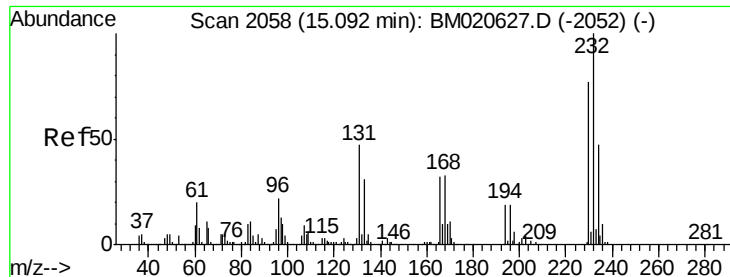
mohammad
 6/3/2019 8:48:57 AM



#58
 Fluorene
 Concen: 37.408 ng
 RT: 15.52 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.6	117.8
167	13.4	11.0	16.4





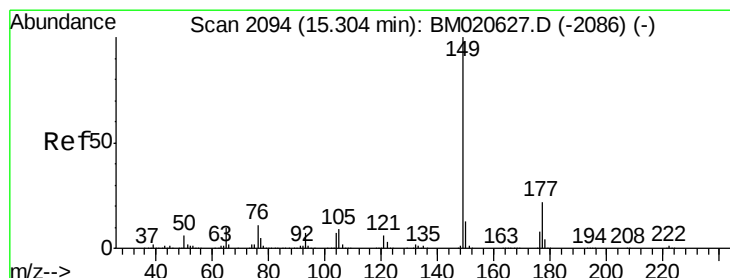
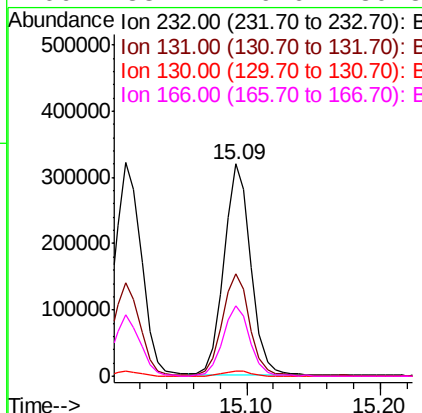
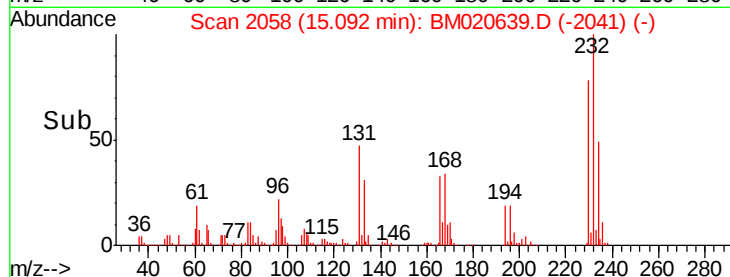
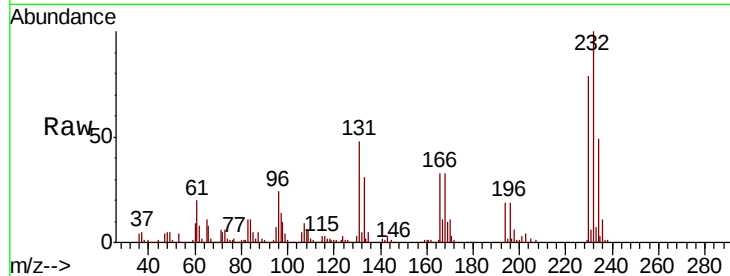
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.784 ng
RT: 15.09 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	38.6	57.8
130	2.6	2.2	3.2
166	33.1	26.6	39.8

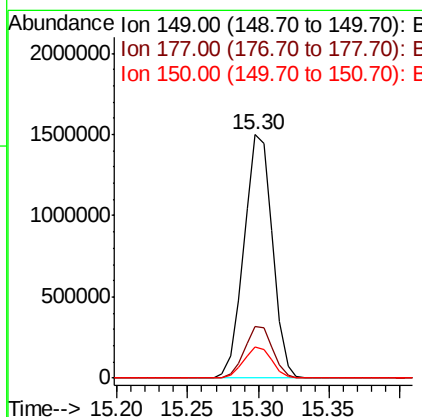
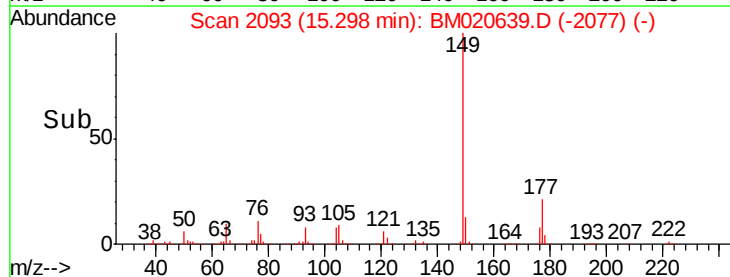
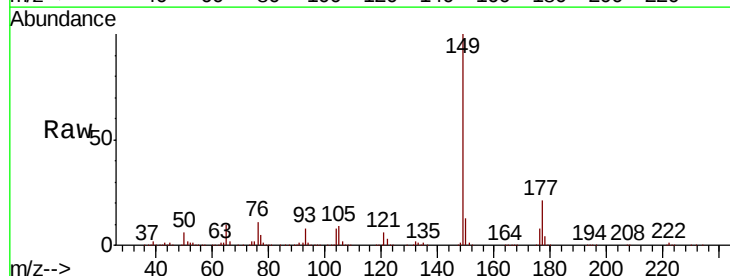
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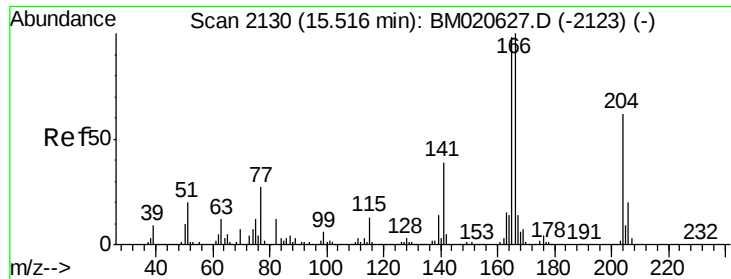
mohammad
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#60
Diethylphthalate
Concen: 37.196 ng
RT: 15.30 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.2	25.8
150	12.7	10.1	15.1





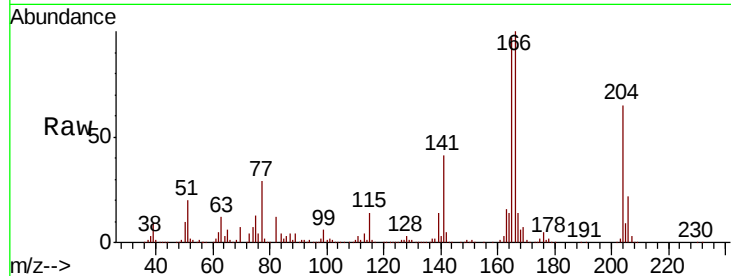
#61
 4-Chlorophenyl-phenylether
 Concen: 37.018 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Instrument :
 BNA_M
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.8
141	62.1	50.2	75.4

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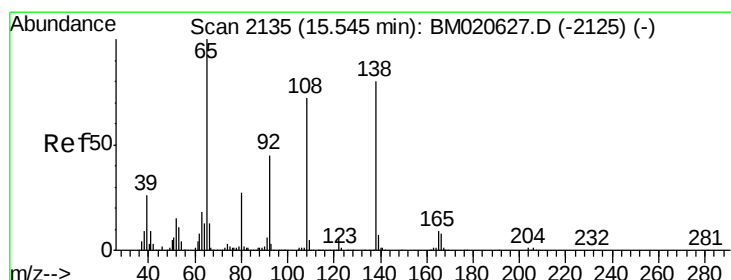
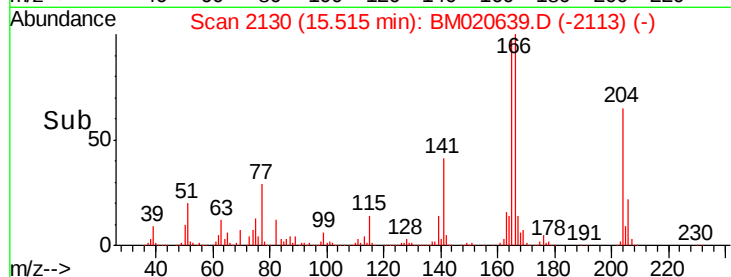
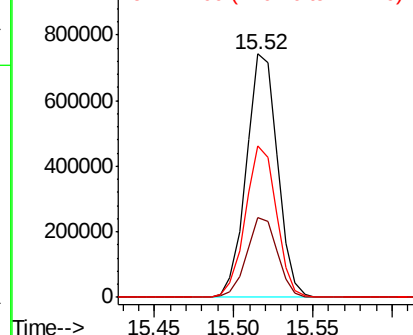


Abundance

Ion 204.00 (203.70 to 204.70): E

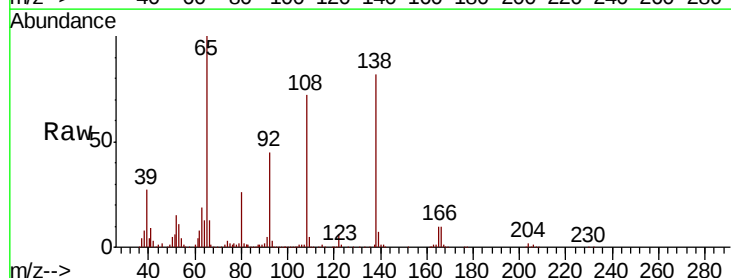
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 37.173 ng
 RT: 15.54 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	36.7	76.7
108	87.1	70.3	110.3

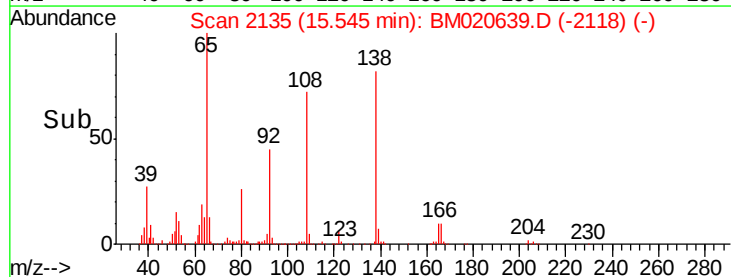
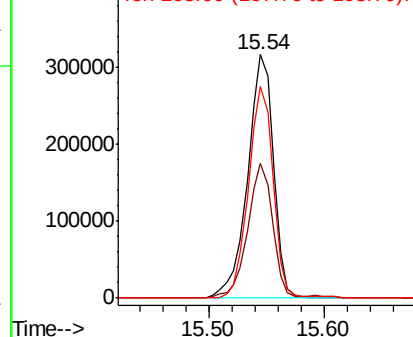


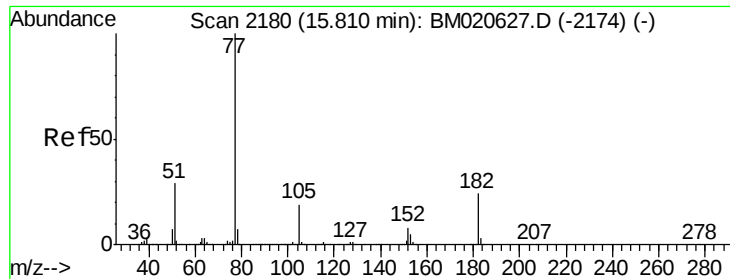
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





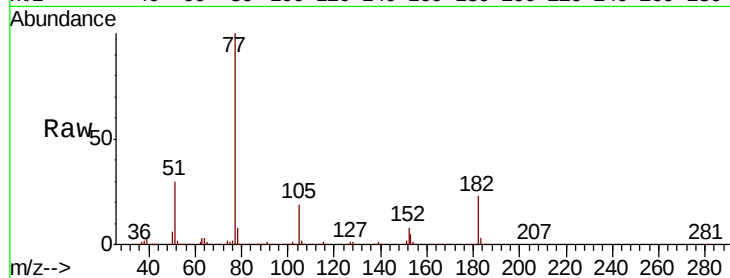
#63
Azobenzene
Concen: 37.238 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	3.6	43.6
105	19.4	0.0	39.4
51	29.6	9.5	49.5

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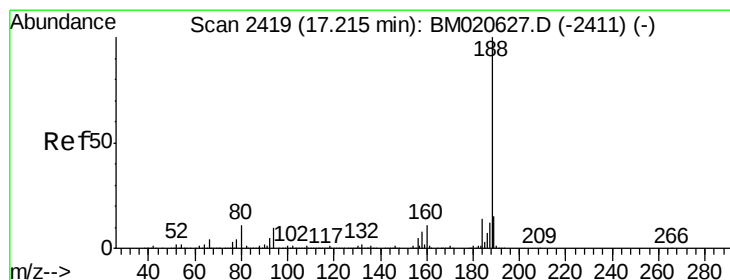
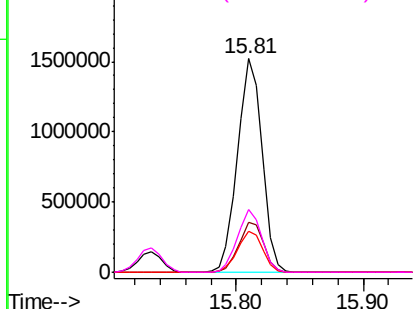
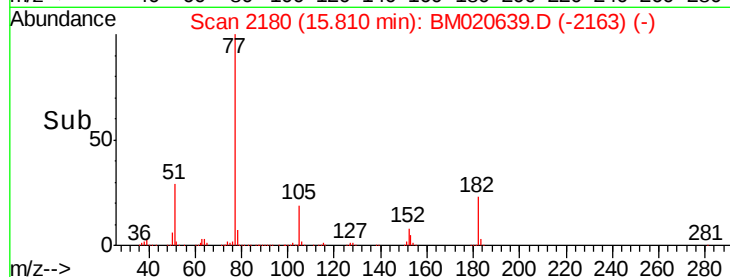


Abundance Ion 77.00 (76.70 to 77.70): BM020639.D (-2163) (-)

Ion 182.00 (181.70 to 182.70): E

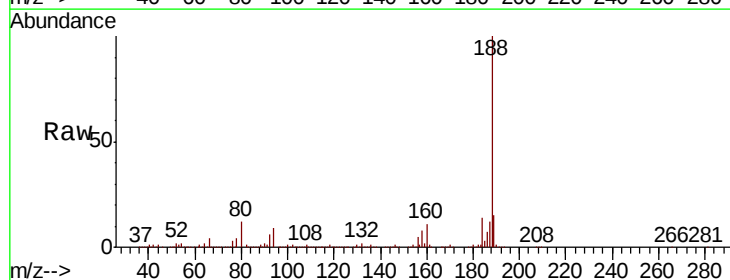
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM020639.D (-2163) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

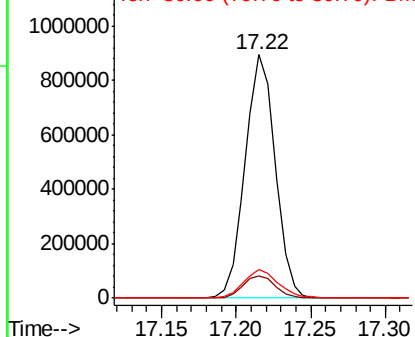
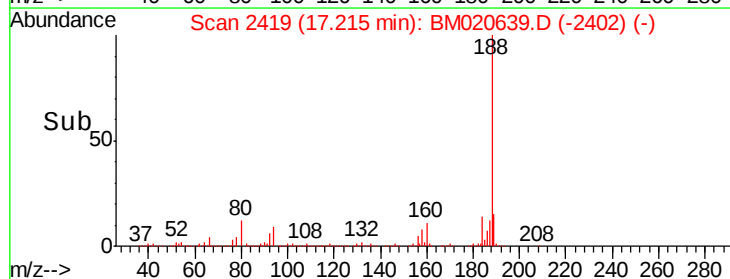
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	11.6	9.0	13.6

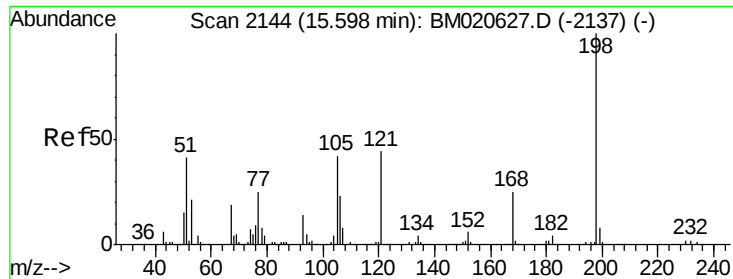


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM020639.D (-2402) (-)

Ion 80.00 (79.70 to 80.70): BM020639.D (-2402) (-)





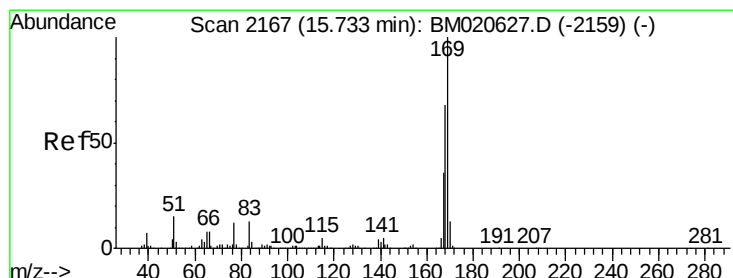
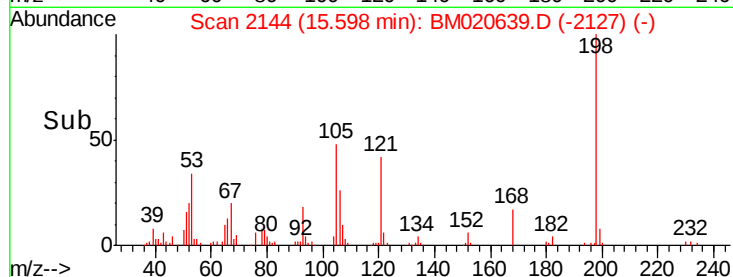
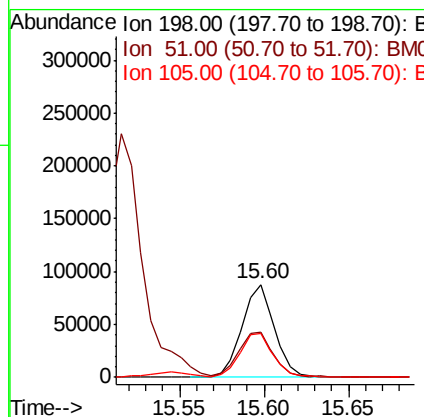
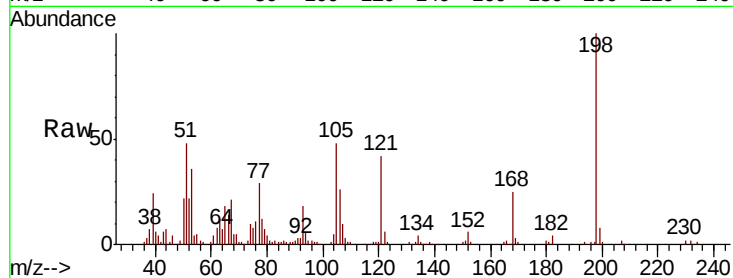
#65
4,6-Dinitro-2-methylphenol
Concen: 25.713 ng
RT: 15.60 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	117161		
51	48.3	27.7	67.7	
105	48.1	23.8	63.8	

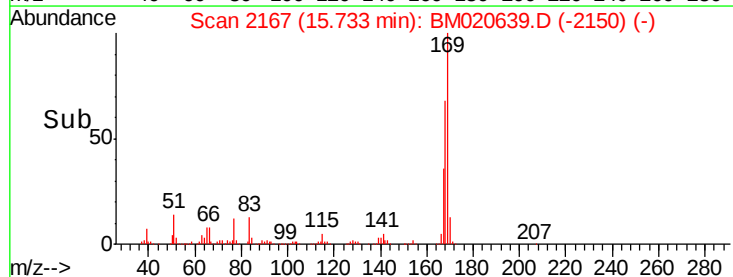
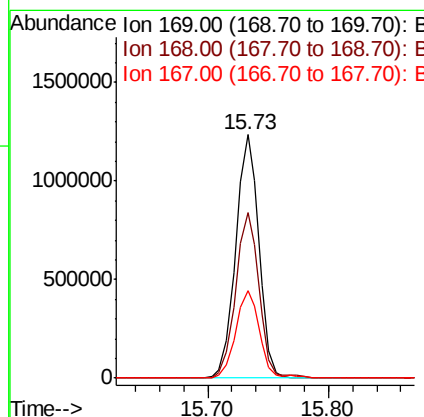
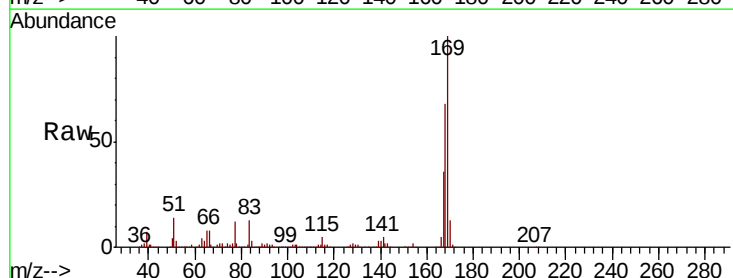
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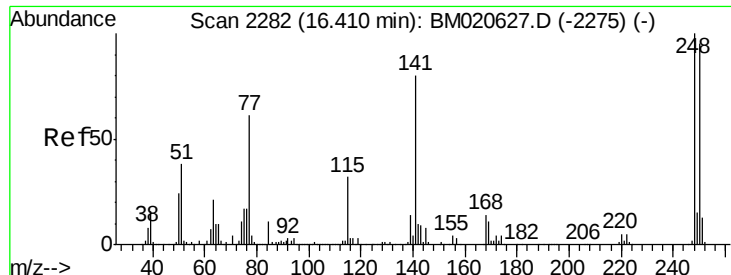
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#66
n-Nitrosodiphenylamine
Concen: 41.385 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1646909		
168	68.0	54.2	81.4	
167	36.1	29.1	43.7	





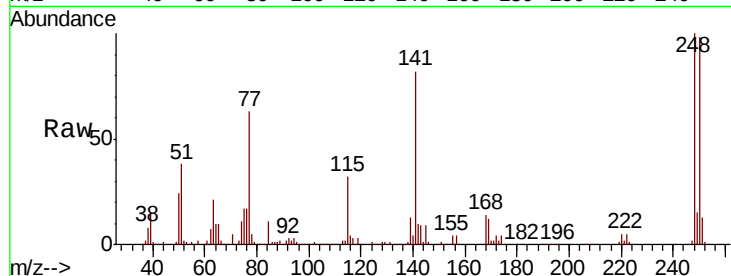
#67
4-Bromophenyl-phenylether
Concen: 39.937 ng
RT: 16.41 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.3	114.5
141	81.8	64.2	96.2

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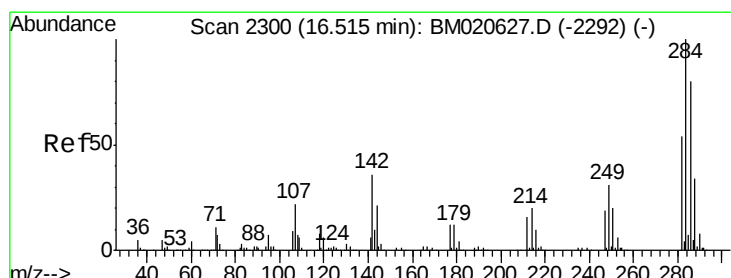
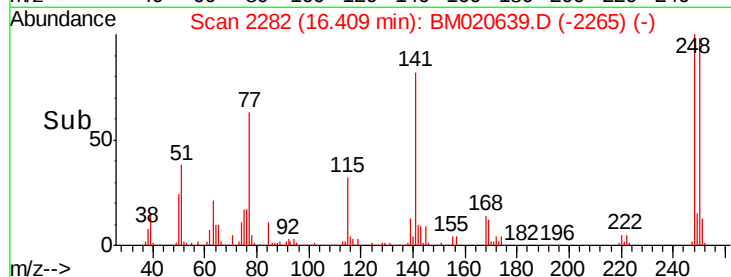
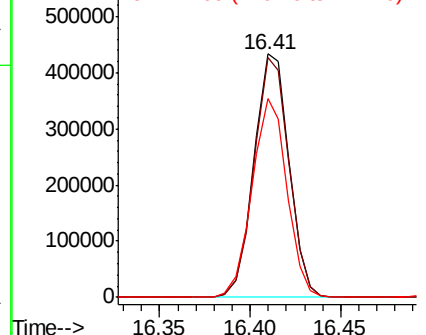


Abundance

Ion 248.00 (247.70 to 248.70): E

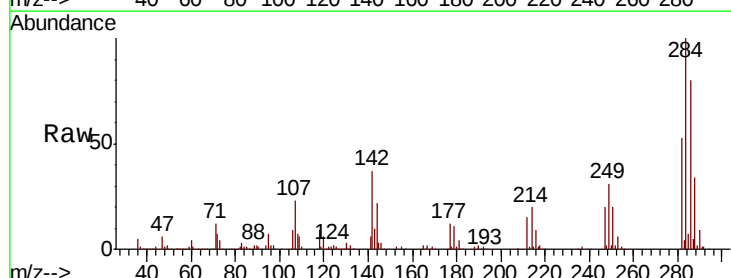
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.028 ng
RT: 16.52 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	28.6	42.8
249	31.4	25.0	37.4

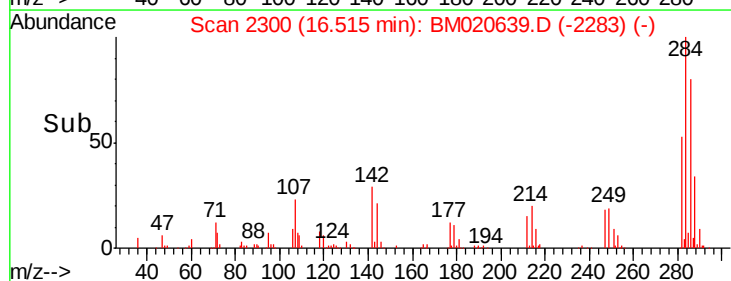
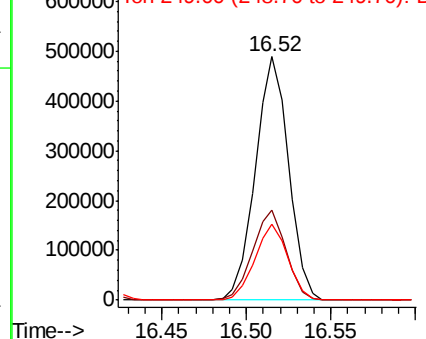


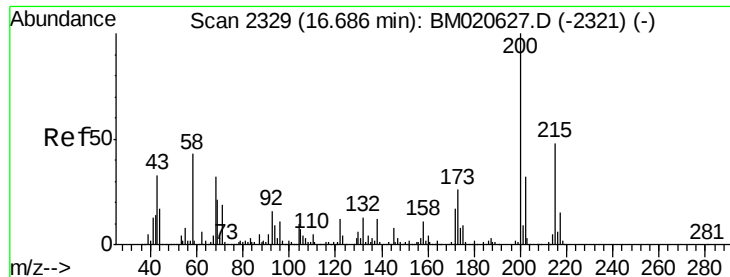
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





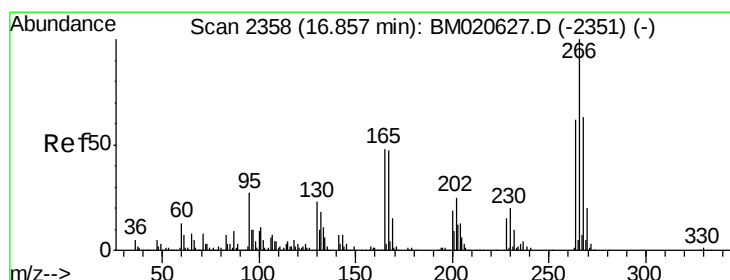
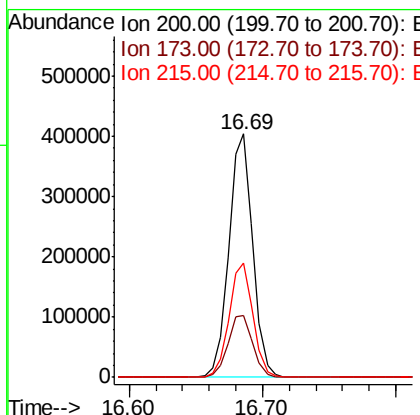
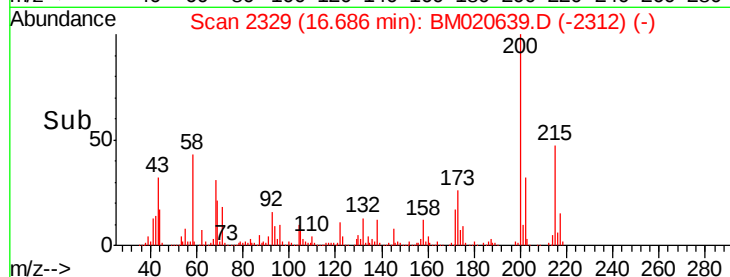
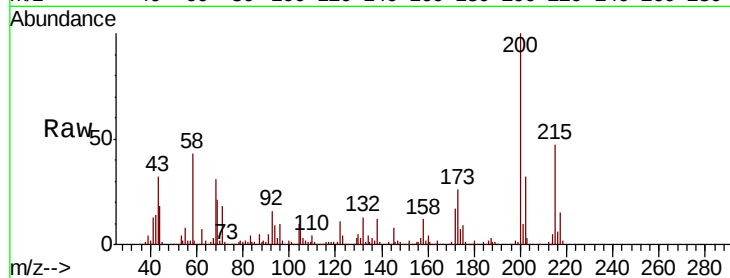
#69
Atrazine
Concen: 42.650 ng
RT: 16.69 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	6.2	46.2	
215	47.2	27.7	67.7	

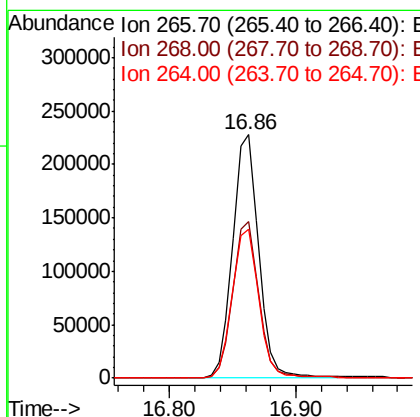
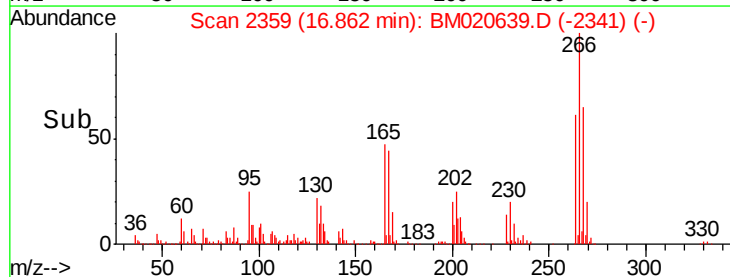
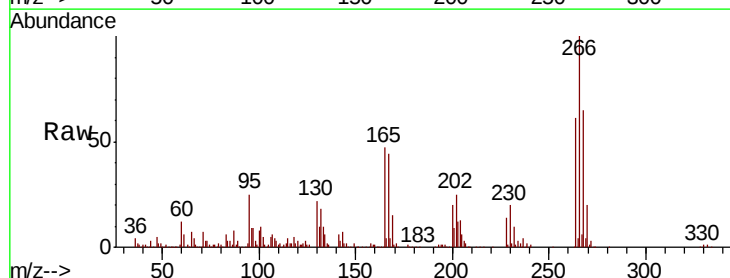
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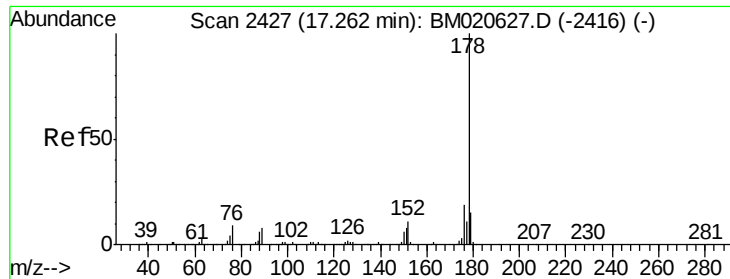
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#70
Pentachlorophenol
Concen: 39.672 ng
RT: 16.86 min Scan# 2359
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.5	50.6	75.8	
264	61.0	49.6	74.4	





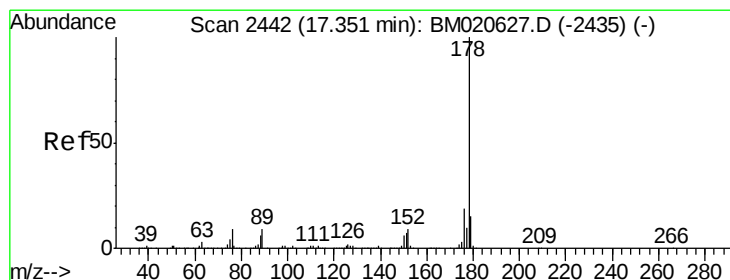
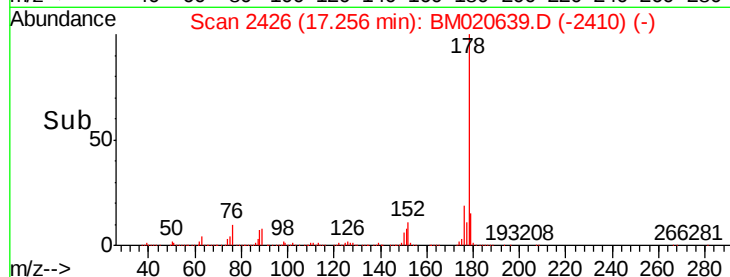
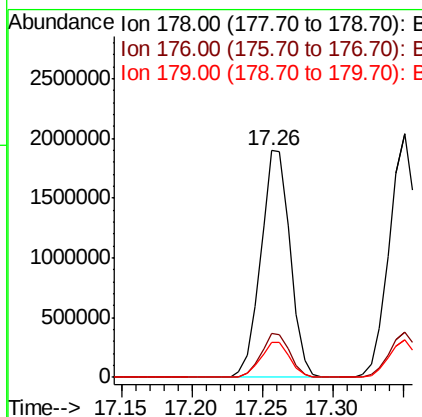
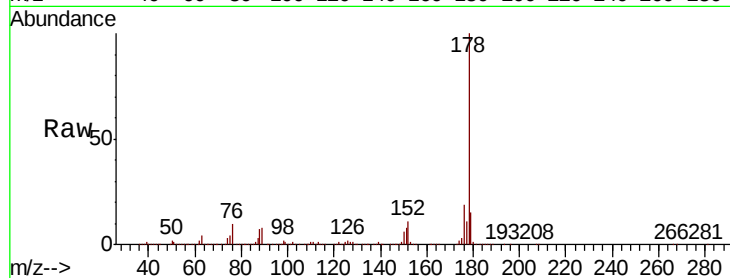
#71
Phenanthrene
Concen: 39.386 ng
RT: 17.26 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.2	18.4

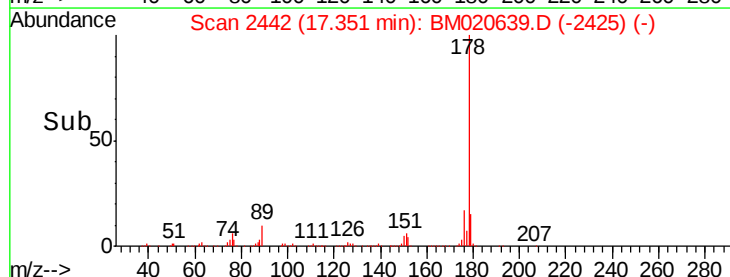
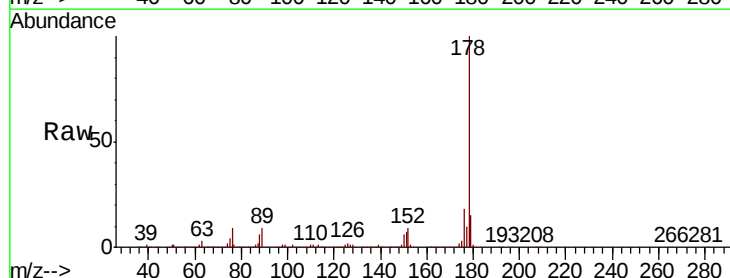
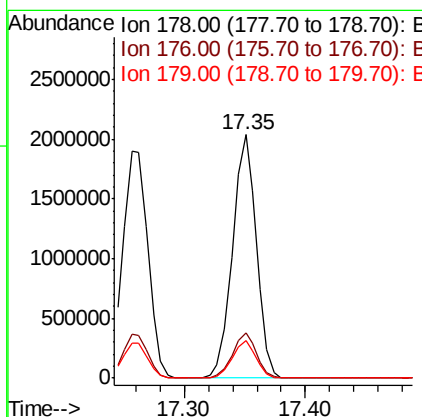
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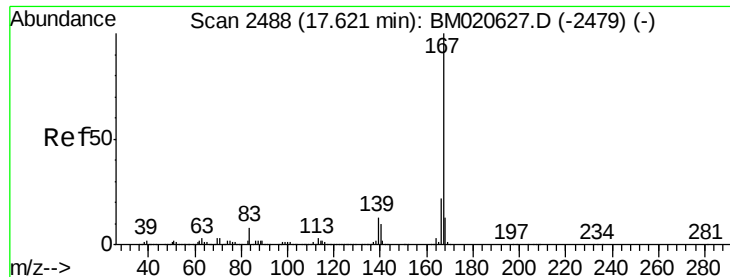
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#72
Anthracene
Concen: 39.625 ng
RT: 17.35 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.2	12.3	18.5





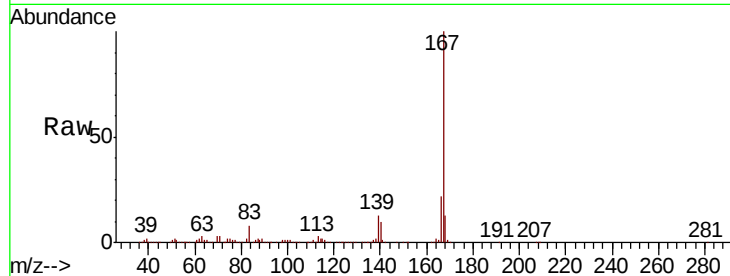
#73
 Carbazole
 Concen: 39.664 ng
 RT: 17.62 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.2	10.6	15.8

Manual Integrations
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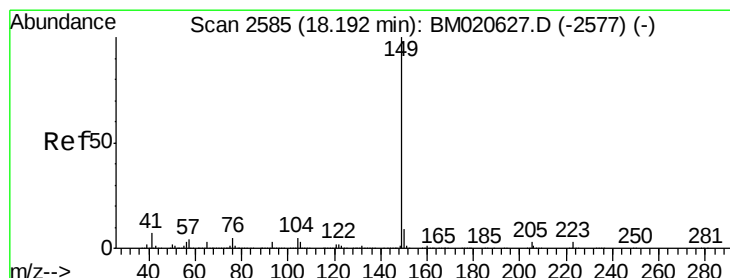
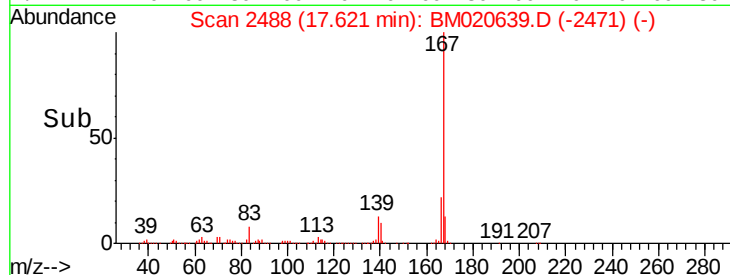
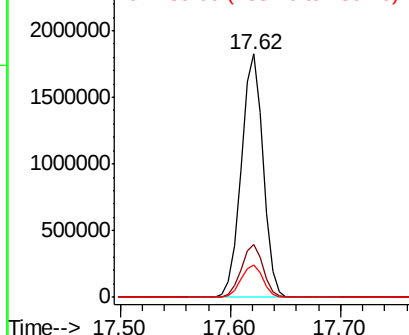


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 40.533 ng
 RT: 18.19 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

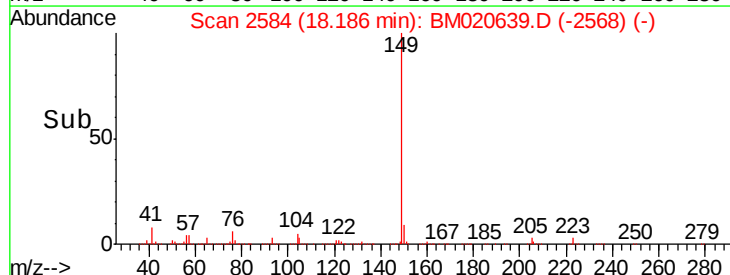
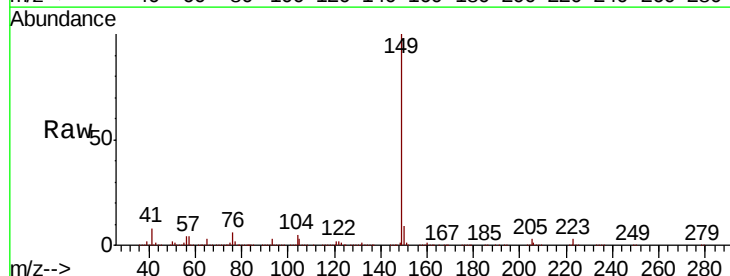
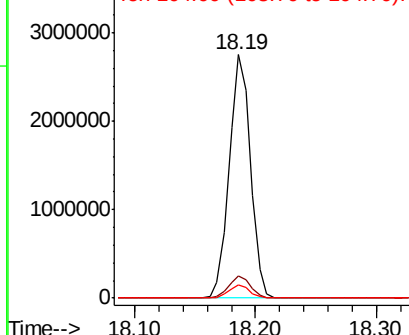
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.2	6.2

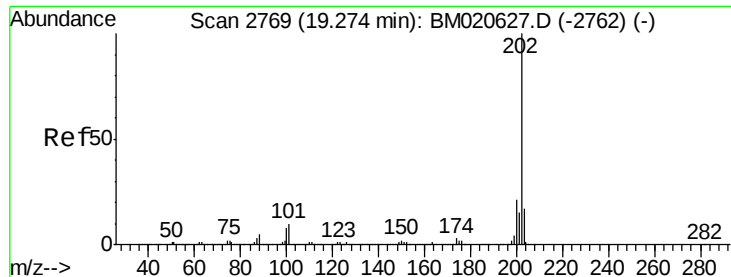
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.911 ng

RT: 19.27 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

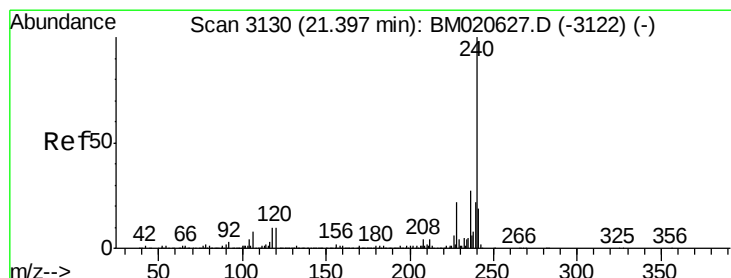
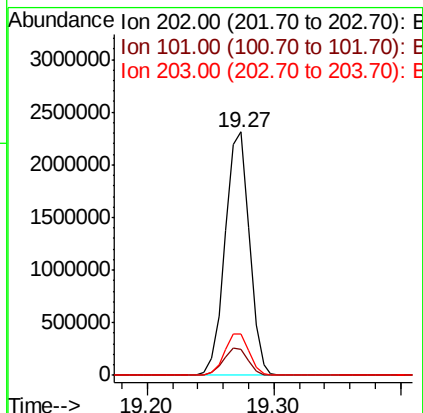
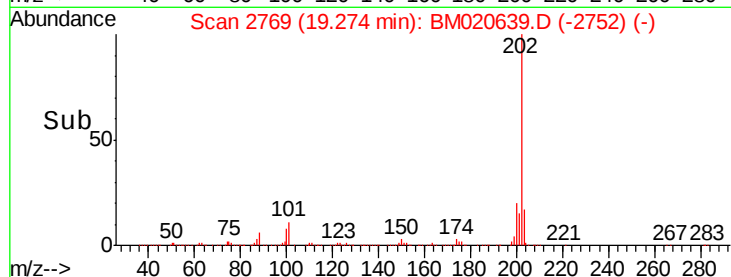
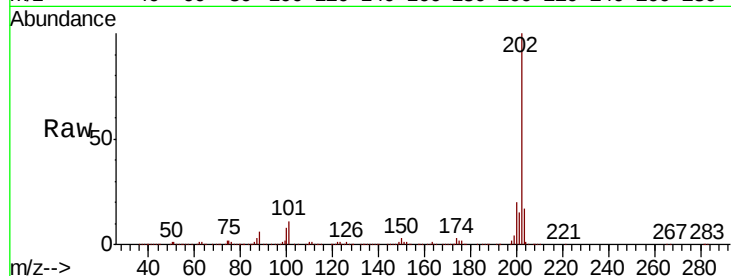
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	3049141
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.4
203	17.2	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

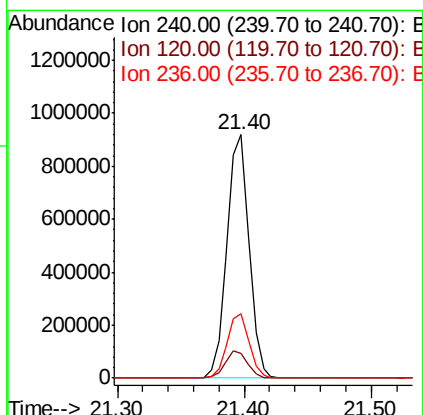
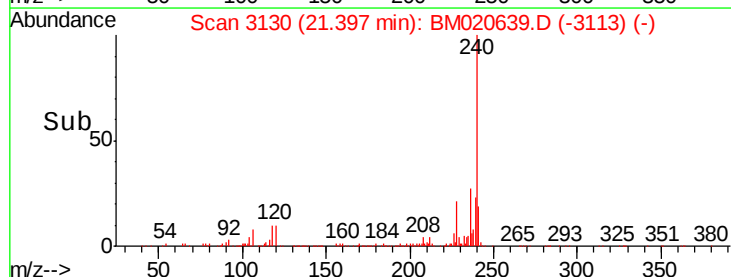
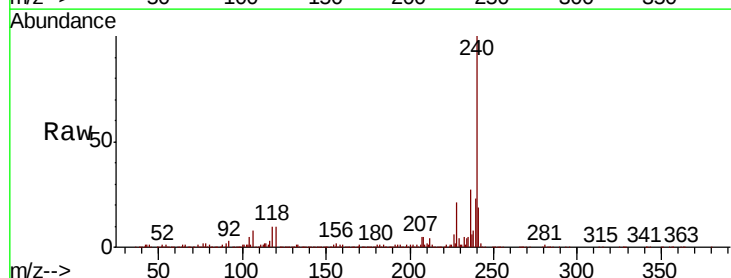
RT: 21.40 min Scan# 3130

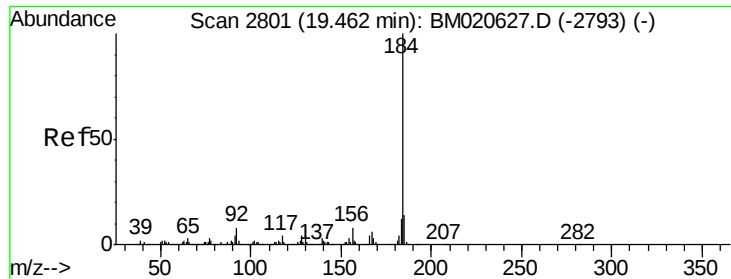
Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Tgt Ion:	240	Resp:	1103564
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.2	12.2
236	26.7	21.2	31.8





#77

Benzidine

Concen: 46.612 ng

RT: 19.46 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1558656

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

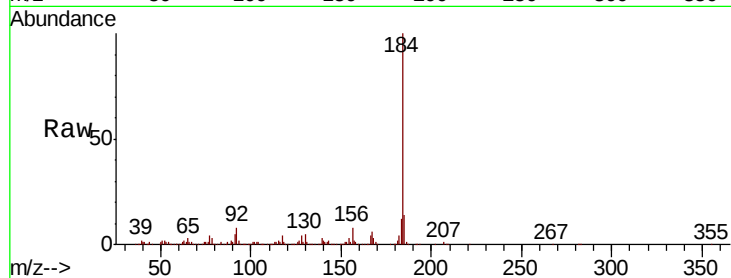
183 12.1 9.8 14.6

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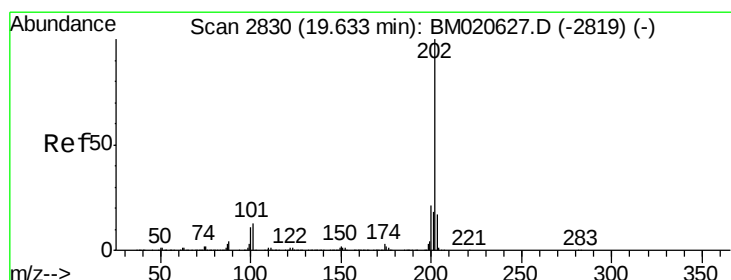
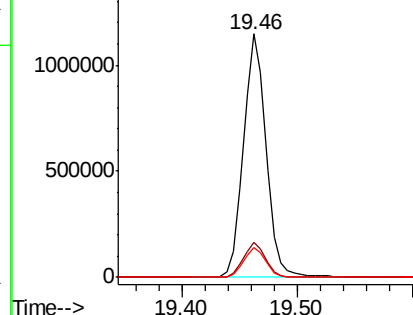
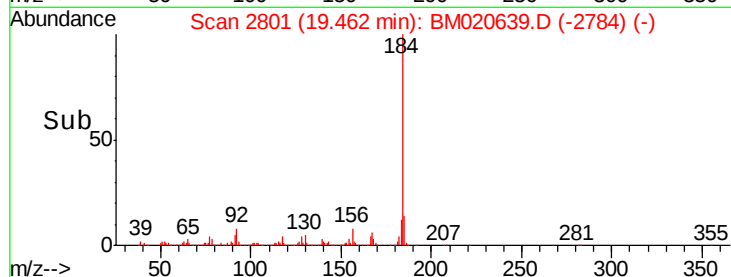


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.904 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM020639.D

Acq: 31 May 2019 20:48

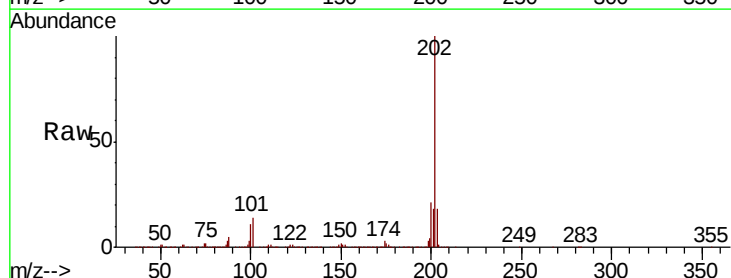
Tgt Ion:202 Resp: 3125219

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.5 13.9 20.9

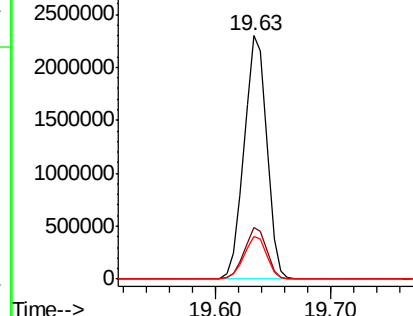
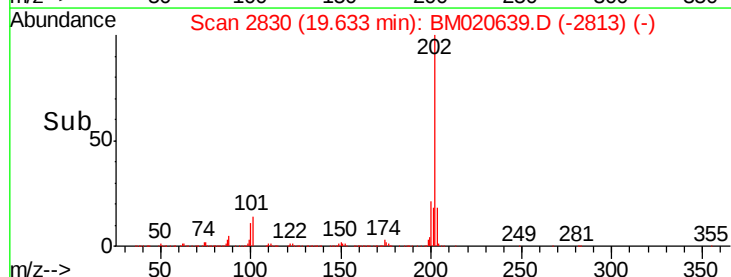


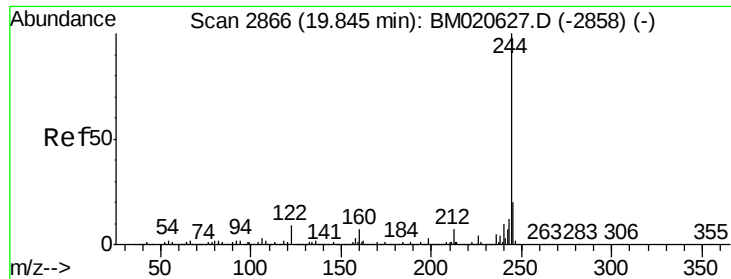
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





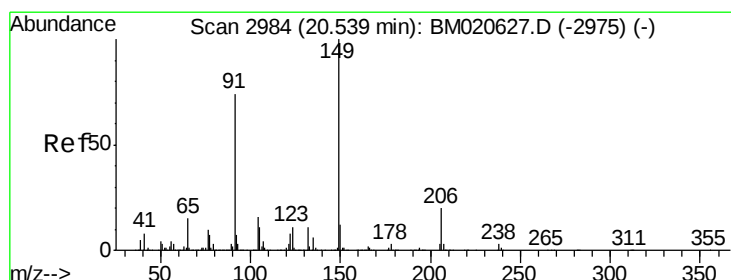
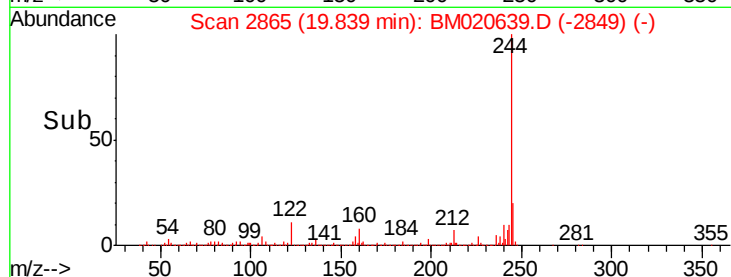
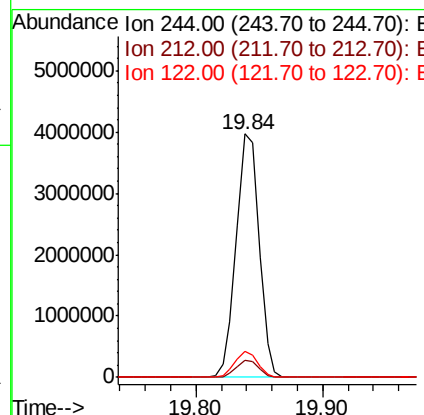
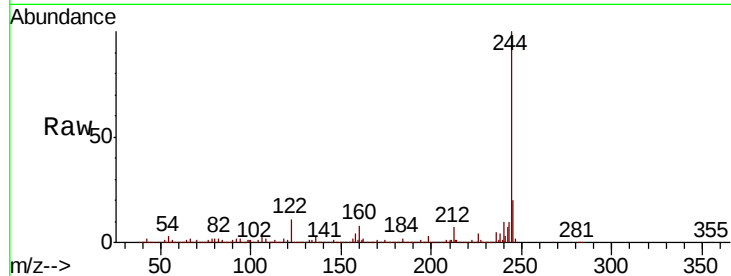
#79
 Terphenyl-d14
 Concen: 75.092 ng
 RT: 19.84 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 4954379
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.8 7.2 10.8#

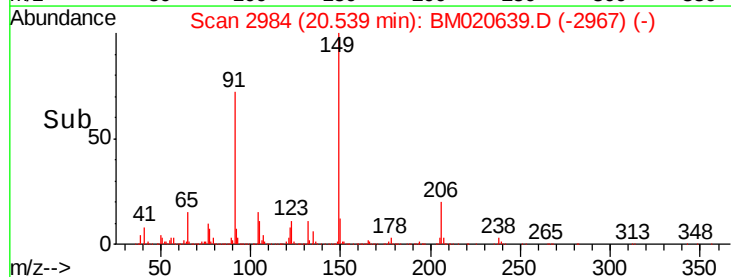
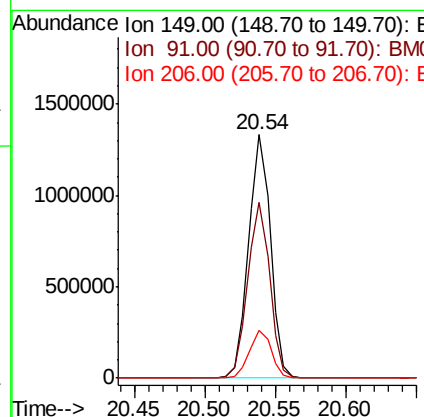
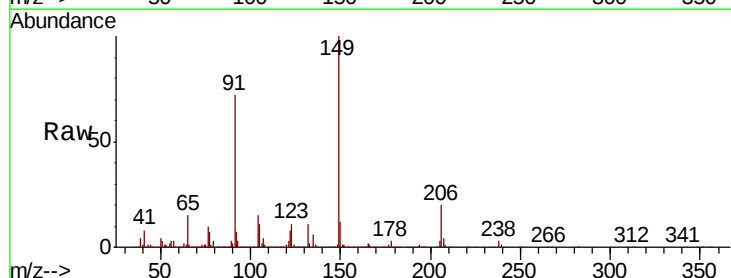
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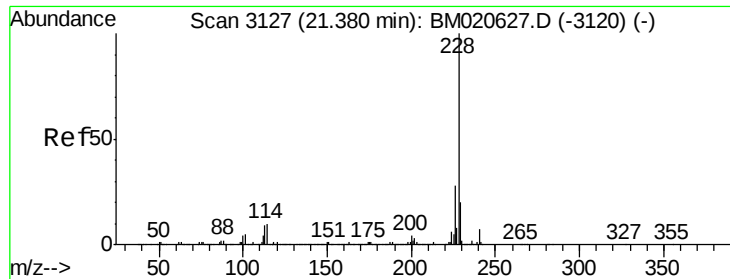
mohammad
 6/3/2019 8:48:57 AM



#80
 Butylbenzylphthalate
 Concen: 40.529 ng
 RT: 20.54 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: BM020639.D
 Acq: 31 May 2019 20:48

Tgt Ion:149 Resp: 1450481
 Ion Ratio Lower Upper
 149 100
 91 72.4 59.6 89.4
 206 19.7 15.7 23.5





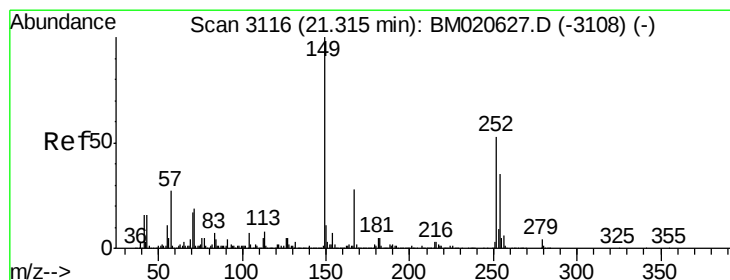
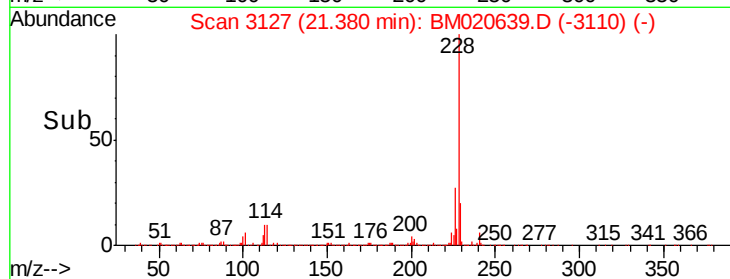
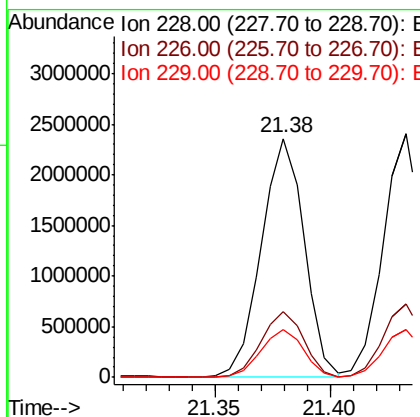
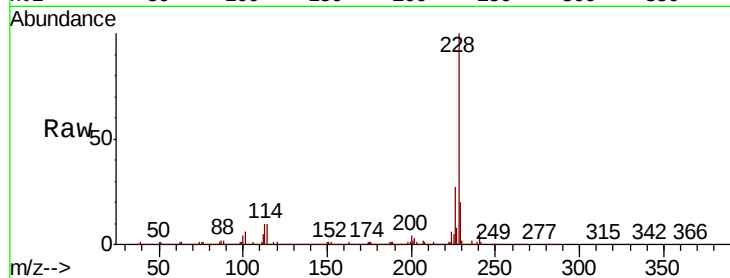
#81
Benzo(a)anthracene
Concen: 39.593 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.9	15.9	23.9

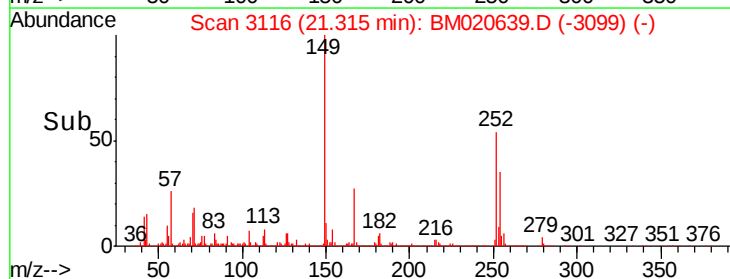
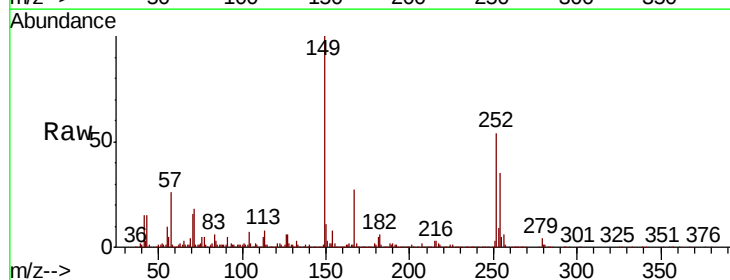
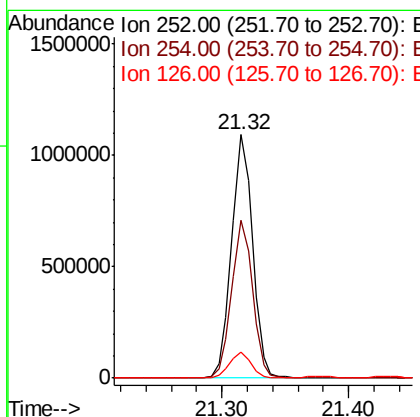
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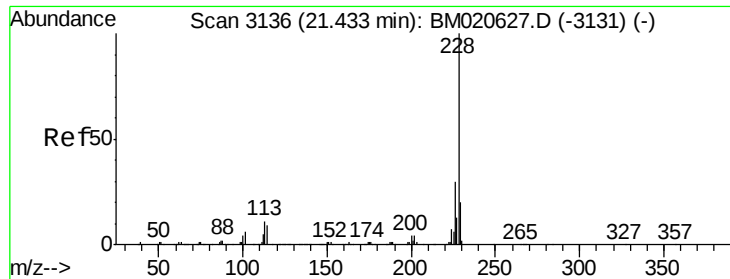
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 44.487 ng
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	78.8
126	10.7	8.0	12.0





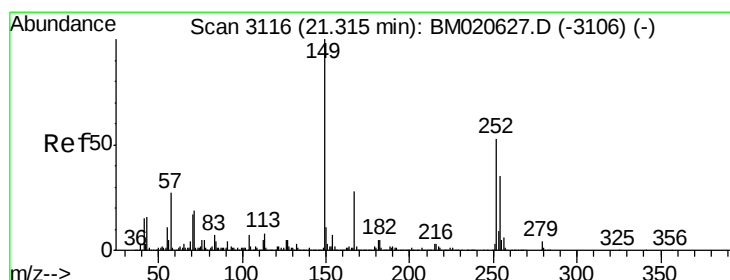
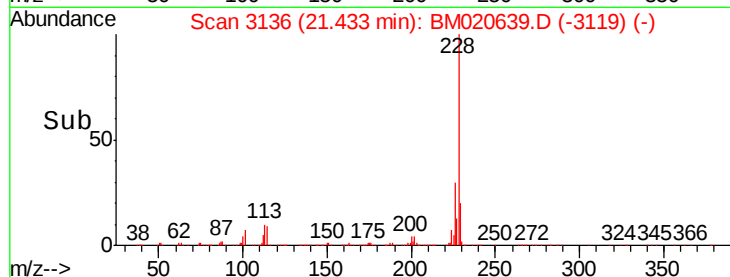
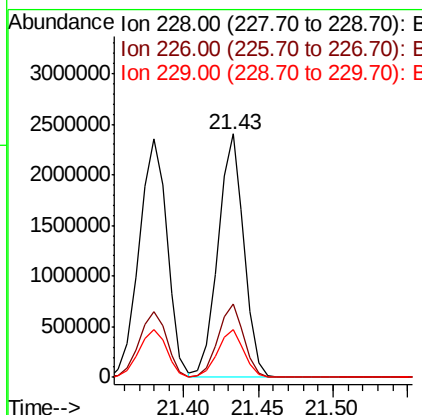
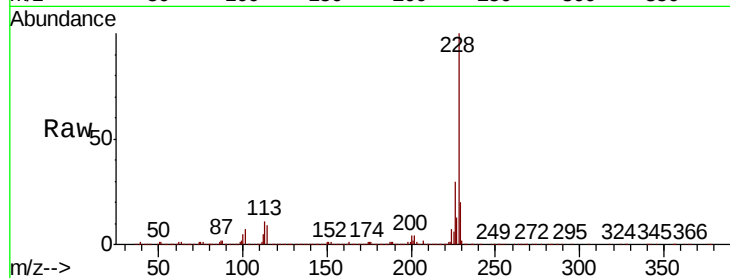
#83
Chrysene
Concen: 39.912 ng
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.8	15.8	23.6

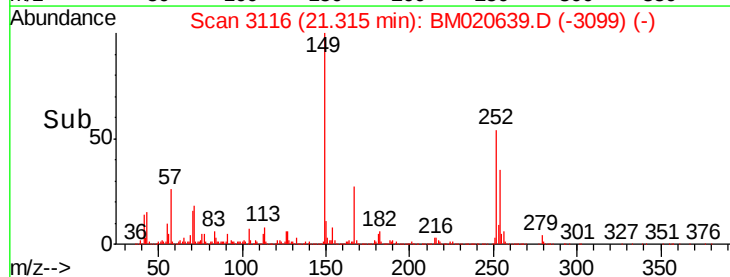
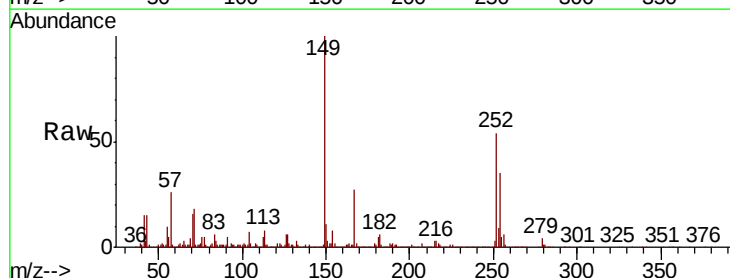
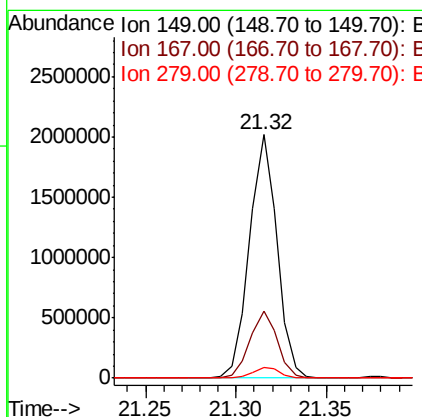
Manual Integrations
APPROVED

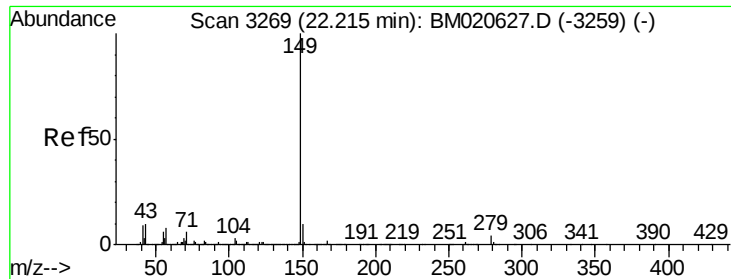
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.981 ng
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.3	3.4	5.0





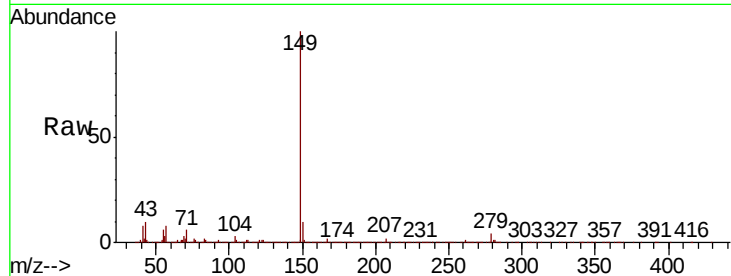
#85
Di-n-octyl phthalate
Concen: 44.755 ng
RT: 22.21 min Scan# 3269
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

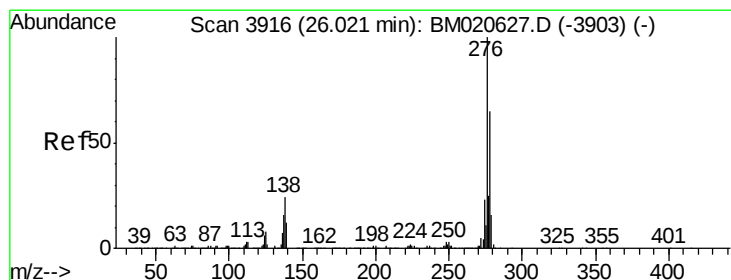
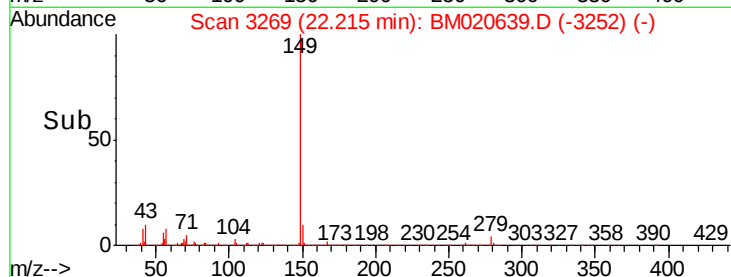
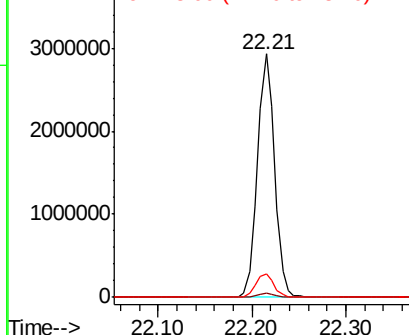
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	8.2	12.4

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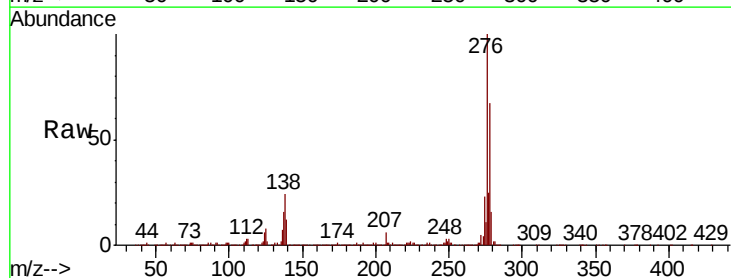


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

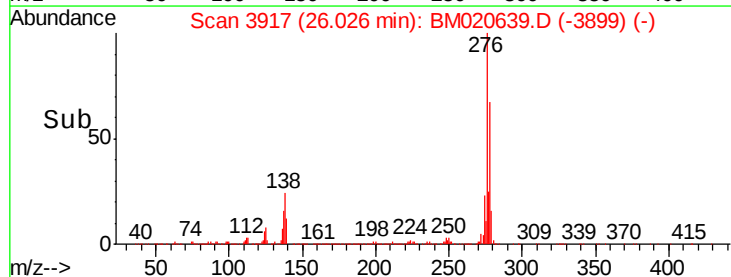
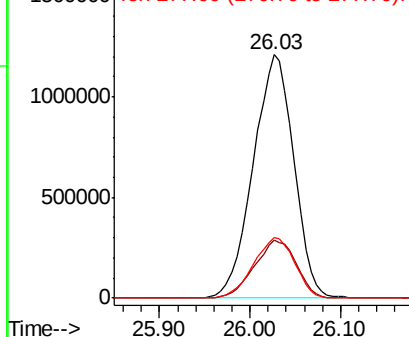


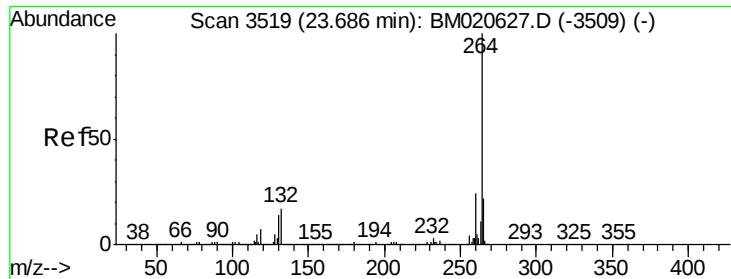
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.476 ng
RT: 26.03 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.4	20.2	30.4



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





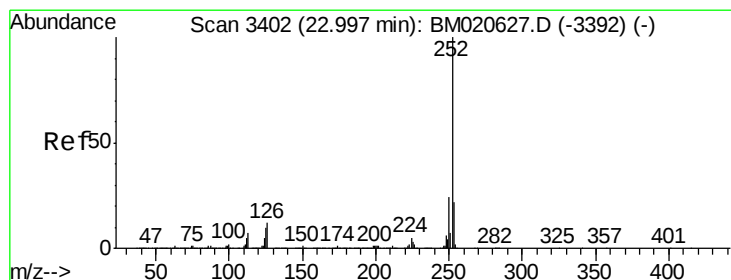
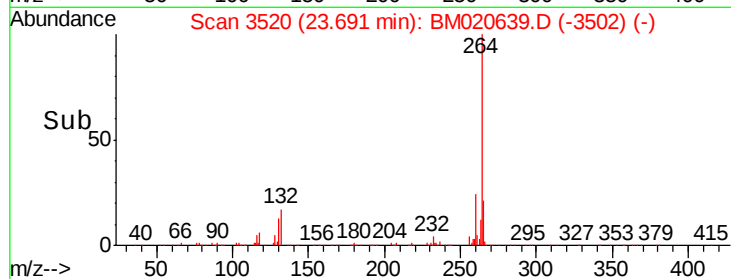
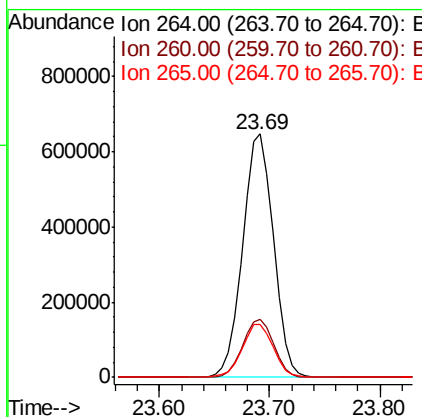
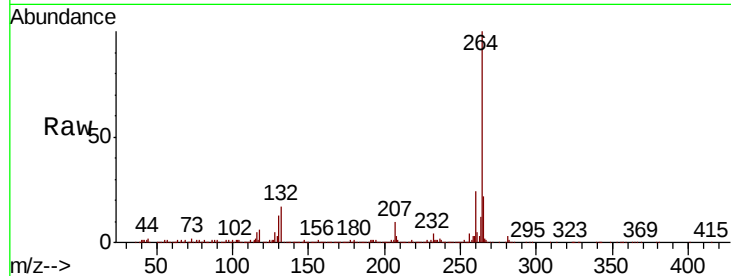
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.6	26.4

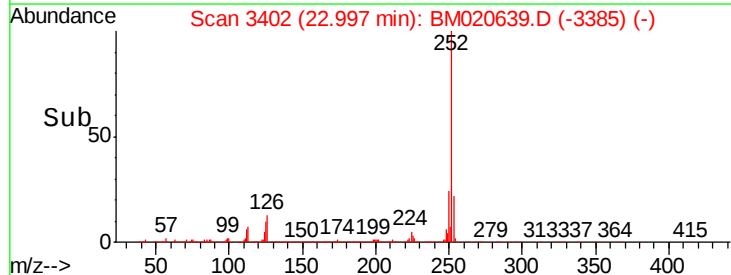
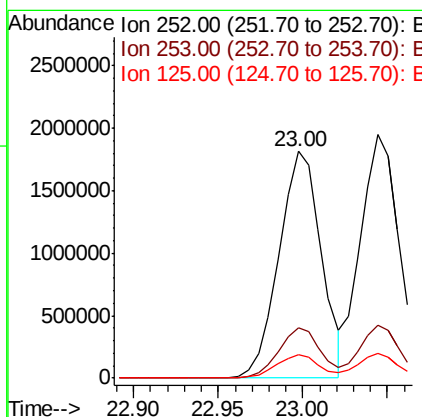
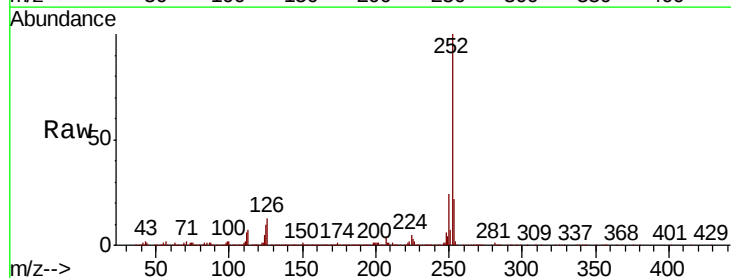
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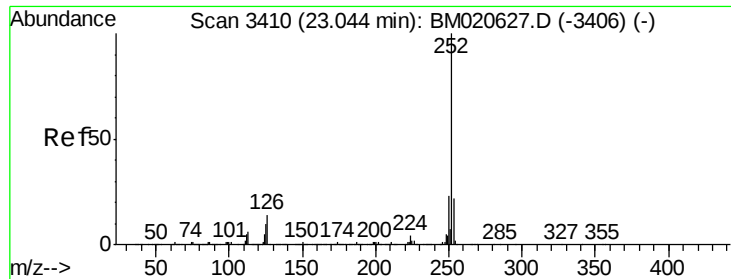
mohammad
6/3/2019 8:48:57 AM



#88
Benzo(b)fluoranthene
Concen: 37.404 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.3	7.8	11.8





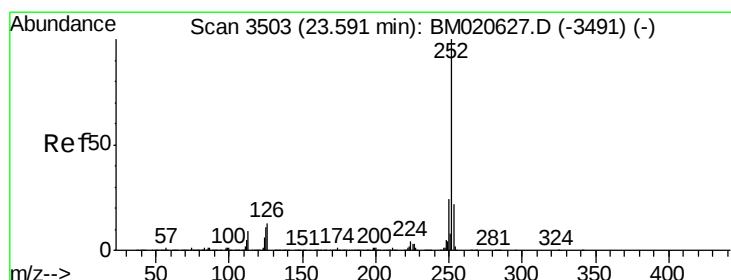
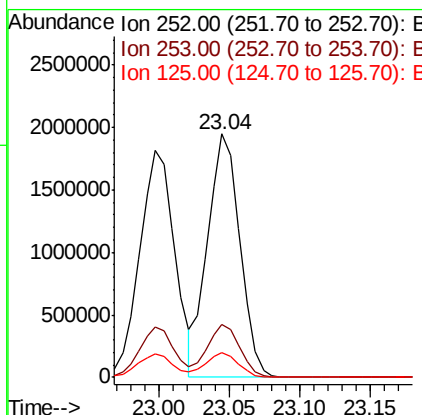
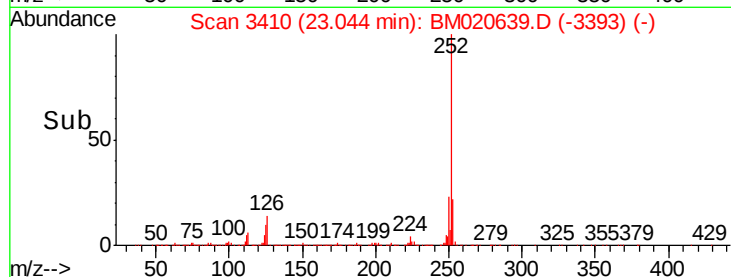
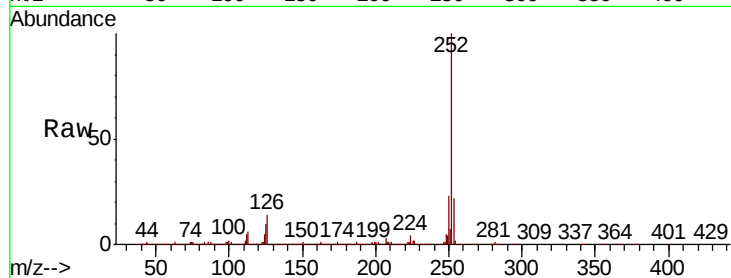
#89
Benzo(k)fluoranthene
Concen: 37.581 ng
RT: 23.04 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.2	7.8	11.8

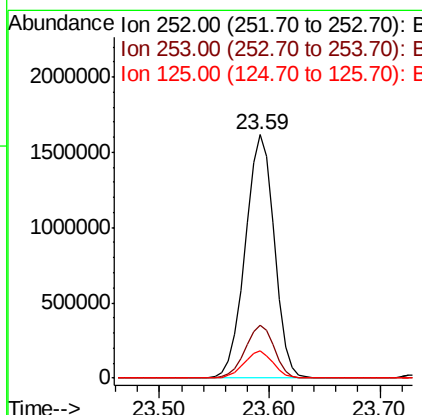
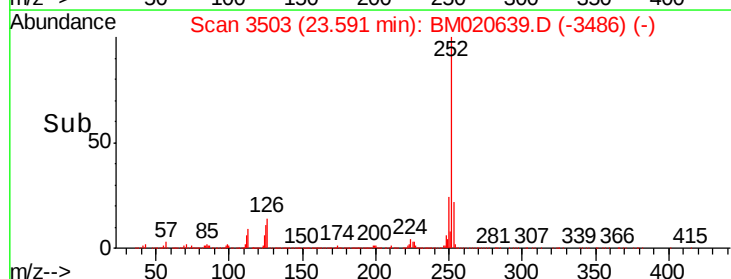
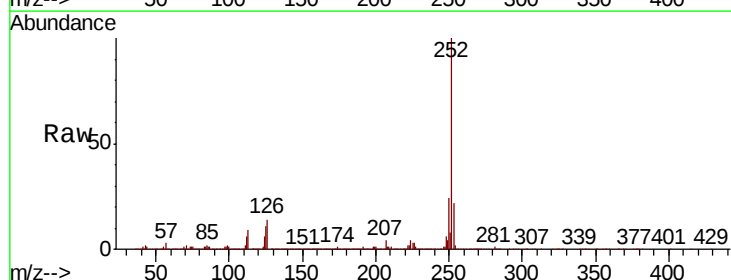
Manual Integrations
APPROVED

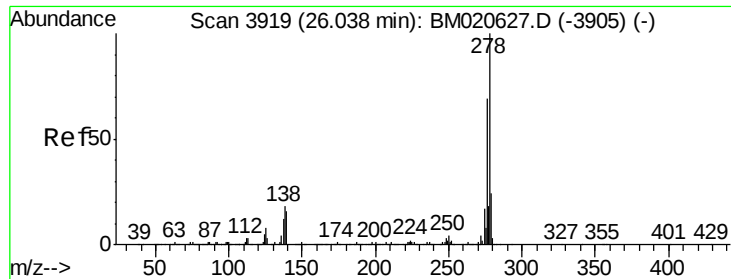
mohammad
6/3/2019 8:48:57 AM



#90
Benzo(a)pyrene
Concen: 39.094 ng
RT: 23.59 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.5	8.6	13.0





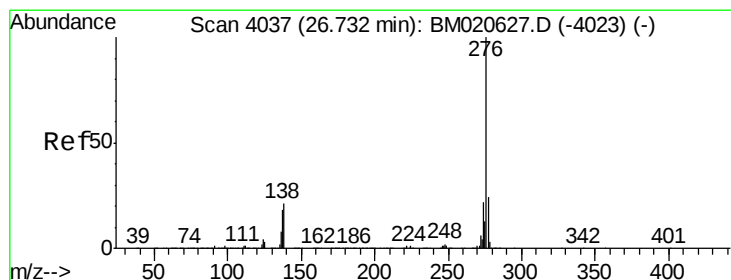
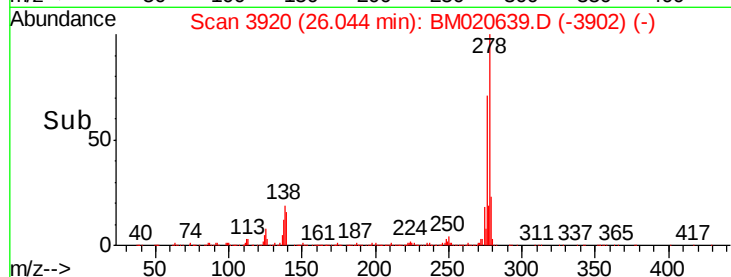
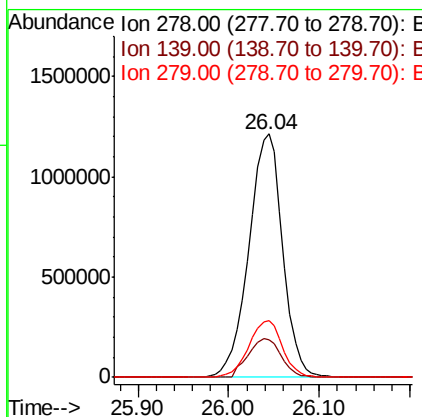
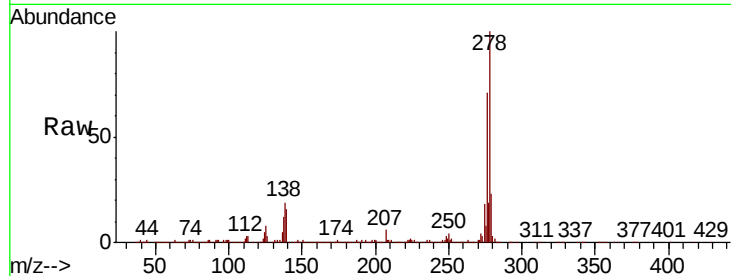
#91
Dibenzo(a,h)anthracene
Concen: 42.454 ng
RT: 26.04 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 3140672
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 23.4 19.0 28.6

Manual Integrations
APPROVED

mohammad
6/3/2019 8:48:57 AM



#92
Benzo(g,h,i)perylene
Concen: 43.000 ng
RT: 26.74 min Scan# 4038
Delta R.T. 0.01 min
Lab File: BM020639.D
Acq: 31 May 2019 20:48

Tgt Ion:276 Resp: 2954773
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 21.5 17.0 25.4

