

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
 Data File : BM020543.D
 Acq On : 24 May 2019 11:34
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:59:35 AM

Quant Time: May 24 15:37:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 15:10:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	56665	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	231276	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	169035	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	455155	20.00	ng	0.00
76) Chrysene-d12	21.27	240	555628	20.00	ng	0.00
87) Perylene-d12	23.51	264	623836	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	50087	14.45	ng	0.00
7) Phenol-d6	6.85	99	73759	15.57	ng	0.00
23) Nitrobenzene-d5	8.83	82	100540	17.16	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	61324	23.37	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	261883	19.06	ng	0.00
79) Terphenyl-d14	19.70	244	582448	18.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	15984	9.401	ng	# 87
3) Pyridine	3.59	79	28443	6.541	ng	# 94
4) n-Nitrosodimethylamine	3.52	42	8894	6.379	ng	# 62
6) Aniline	7.00	93	55469	9.304	ng	96
8) 2-Chlorophenol	7.23	128	32688	8.660	ng	94
9) Benzaldehyde	6.82	77	32371	9.031	ng	96
10) Phenol	6.87	94	40717	7.986	ng	96
11) bis(2-Chloroethyl)ether	7.10	93	30668	8.276	ng	97
12) 1,3-Dichlorobenzene	7.55	146	44539	10.142	ng	97
13) 1,4-Dichlorobenzene	7.70	146	44777	10.093	ng	95
14) 1,2-Dichlorobenzene	8.01	146	45248	10.705	ng	97
15) Benzyl Alcohol	7.93	79	32707	7.162	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	25361	8.254	ng	93
17) 2-Methylphenol	8.12	107	28789	8.772	ng	94
18) Hexachloroethane	8.72	117	18701	10.109	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	36678	9.052	ng	98
20) 3+4-Methylphenols	8.46	107	36289	8.320	ng	95
22) Acetophenone	8.50	105	59503	9.414	ng	# 98
24) Nitrobenzene	8.88	77	48910	8.053	ng	96
25) Isophorone	9.39	82	99419	9.841	ng	98
26) 2-Nitrophenol	9.59	139	17172	9.365	ng	97
27) 2,4-Dimethylphenol	9.65	122	27772	9.097	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	47910	8.708	ng	97
29) 2,4-Dichlorophenol	10.12	162	34684	9.010	ng	95
30) 1,2,4-Trichlorobenzene	10.32	180	52459	11.075	ng	98
31) Naphthalene	10.50	128	116389	9.698	ng	100
32) Benzoic acid	9.75	122	10033m	4.960	ng	
33) 4-Chloroaniline	10.65	127	38121	7.717	ng	96
34) Hexachlorobutadiene	10.76	225	40268	12.018	ng	95
35) Caprolactam	11.44	113	10244	8.900	ng	97
36) 4-Chloro-3-methylphenol	11.77	107	37469	8.283	ng	95
37) 2-Methylnaphthalene	12.13	142	86923	9.934	ng	96
38) 1-Methylnaphthalene	12.35	142	86794	10.144	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	68072	10.293	ng	99

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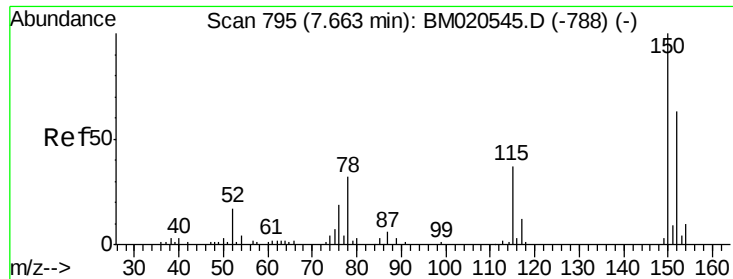
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	16324	4.192	nq	94
43) 2,4,6-Trichlorophenol	12.75	196	38939	10.360	nq	88
44) 2,4,5-Trichlorophenol	12.83	196	32063	7.636	nq	95
46) 1,1'-Biphenyl	13.15	154	123557	8.881	nq	99
47) 2-Chloronaphthalene	13.19	162	107646	9.690	nq	98
48) 2-Nitroaniline	13.43	65	23343	5.902	nq	89
49) Acenaphthylene	14.05	152	160731	9.041	nq	98
50) Dimethylphthalate	13.79	163	141419	9.844	nq	99
51) 2,6-Dinitrotoluene	13.92	165	26240	8.672	nq	99
52) Acenaphthene	14.39	154	97355	9.549	nq	99
53) 3-Nitroaniline	14.27	138	18569	6.612	nq	99
54) 2,4-Dinitrophenol	14.49	184	5979	4.672	nq	94
55) Dibenzofuran	14.72	168	167128	9.719	nq	100
56) 4-Nitrophenol	14.61	139	8268	3.451	nq	# 89
57) 2,4-Dinitrotoluene	14.72	165	35818	8.711	nq	# 82
58) Fluorene	15.37	166	135705	9.609	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	42865	10.743	nq	92
60) Diethylphthalate	15.15	149	138858	9.593	nq	99
61) 4-Chlorophenyl-phenylether	15.37	204	87190	10.896	nq	98
62) 4-Nitroaniline	15.44	138	19995m	6.451	nq	
63) Azobenzene	15.66	77	132472	7.758	nq	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	17961	8.409	nq	95
66) n-Nitrosodiphenylamine	15.59	169	117425	8.768	nq	98
67) 4-Bromophenyl-phenylether	16.27	248	55695	9.979	nq	95
68) Hexachlorobenzene	16.37	284	72065	11.220	nq	98
69) Atrazine	16.54	200	50180	9.587	nq	99
70) Pentachlorophenol	16.73	266	30734	8.363	nq	95
71) Phenanthrene	17.12	178	237840	9.466	nq	99
72) Anthracene	17.21	178	223310	8.890	nq	98
73) Carbazole	17.50	167	184648	8.146	nq	98
74) Di-n-butylphthalate	18.03	149	229818	8.425	nq	98
75) Fluoranthene	19.14	202	322113	10.133	nq	99
77) Benzidine	19.35	184	85755	4.828	nq	98
78) Pyrene	19.50	202	337484	9.047	nq	99
80) Butylbenzylphthalate	20.40	149	111428	8.214	nq	100
81) Benzo(a)anthracene	21.26	228	370165	9.500	nq	100
82) 3,3'-Dichlorobenzidine	21.20	252	130092	8.747	nq	99
83) Chrysene	21.30	228	360769	9.547	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	164436	7.812	nq	98
85) Di-n-octyl phthalate	22.04	149	289210	8.266	nq	99
86) Indeno(1,2,3-cd)pyrene	25.78	276	430947	9.587	nq	100
88) Benzo(b)fluoranthene	22.83	252	386119	9.373	nq	98
89) Benzo(k)fluoranthene	22.87	252	366963	9.766	nq	100
90) Benzo(a)pyrene	23.41	252	354433	9.472	nq	99
91) Dibenzo(a,h)anthracene	25.79	278	363511	9.342	nq	98
92) Benzo(g,h,i)perylene	26.47	276	345951	9.364	nq	99

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



#1

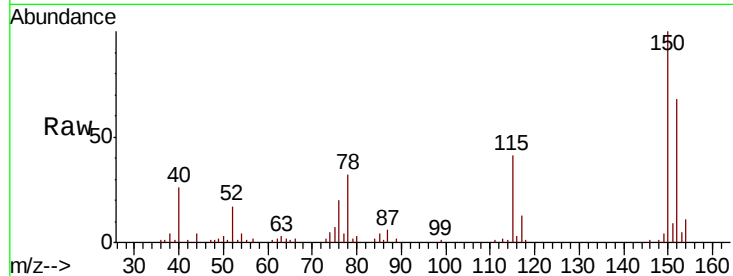
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	190.0
115	60.3	46.6	70.0

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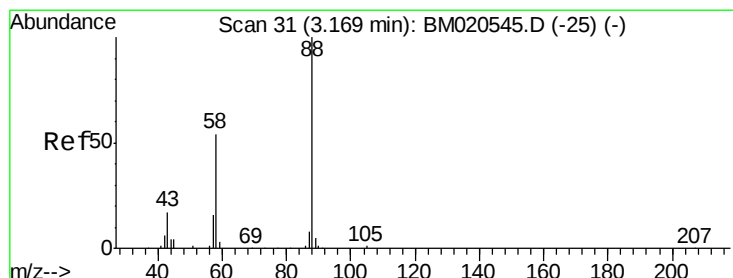
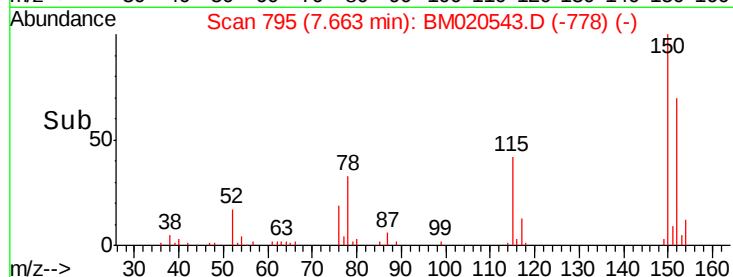
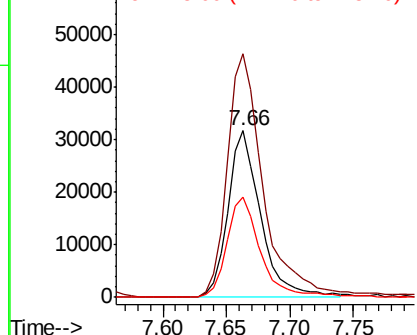


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

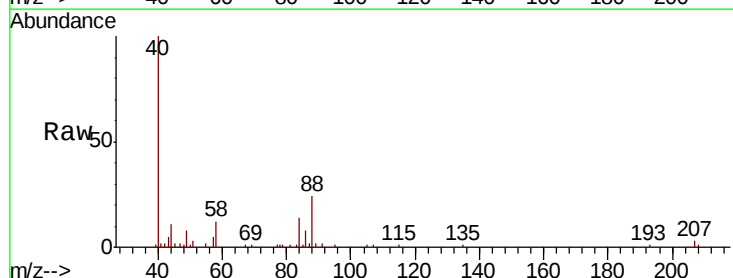
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.401 ng
RT: 3.17 min Scan# 31
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	45.9	42.3	63.5
43	29.8	16.0	24.0

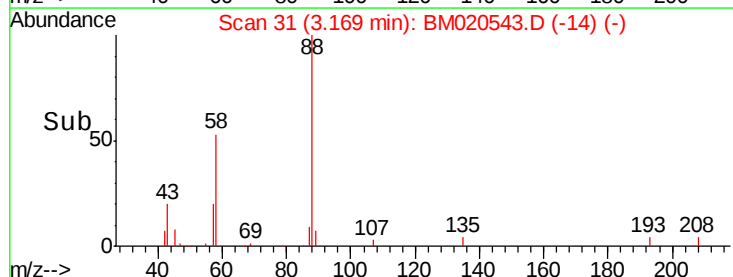
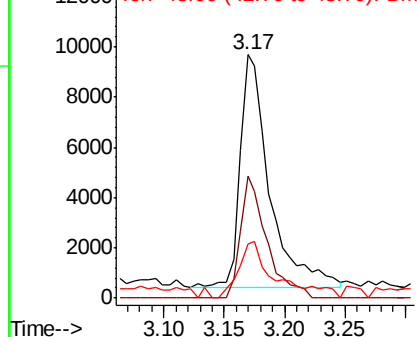


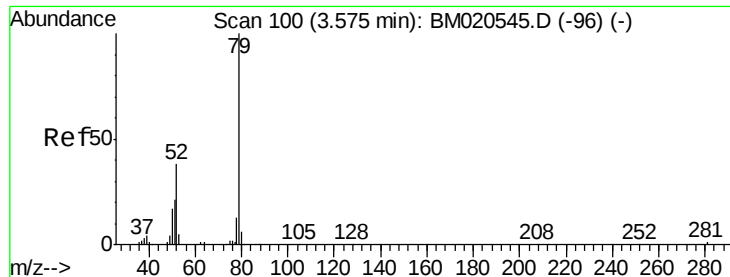
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 6.541 ng

RT: 3.59 min Scan# 103

Delta R.T. 0.02 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

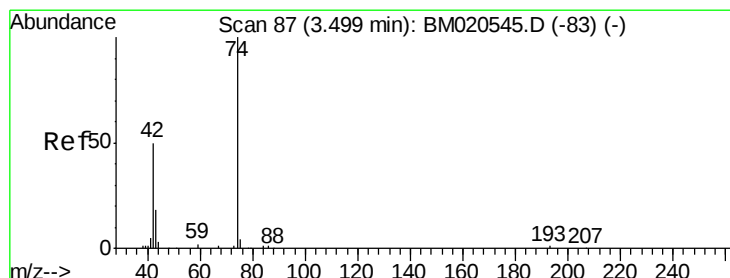
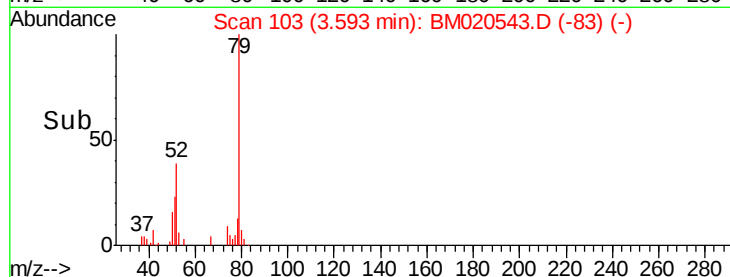
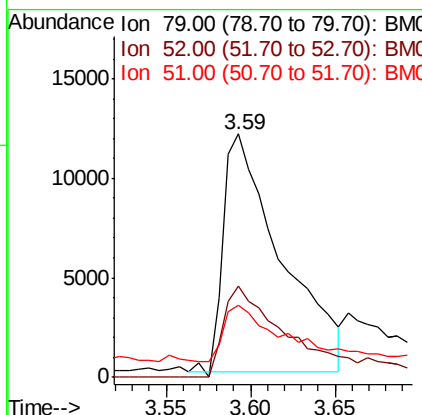
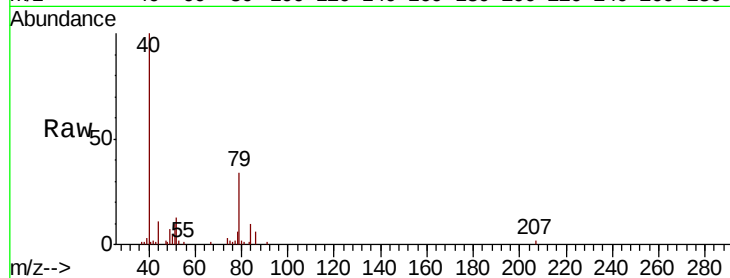
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	28443
Ion	Ratio	Lower	Upper
79	100		
52	37.4	30.1	45.1
51	29.6	17.8	26.8#

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#4

n-Nitrosodimethylamine

Concen: 6.379 ng

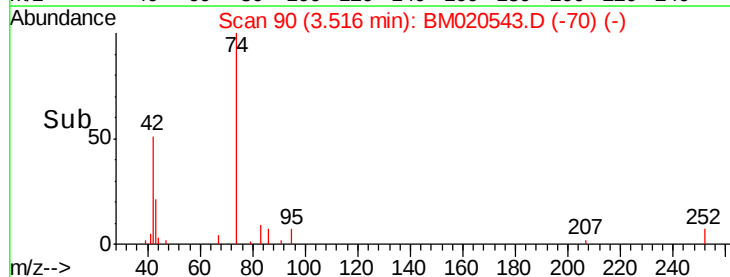
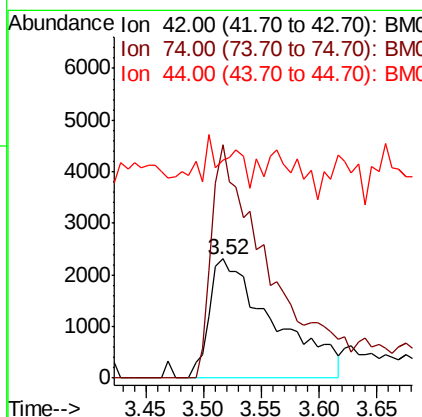
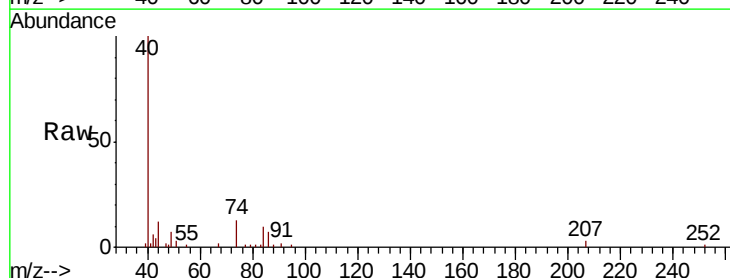
RT: 3.52 min Scan# 90

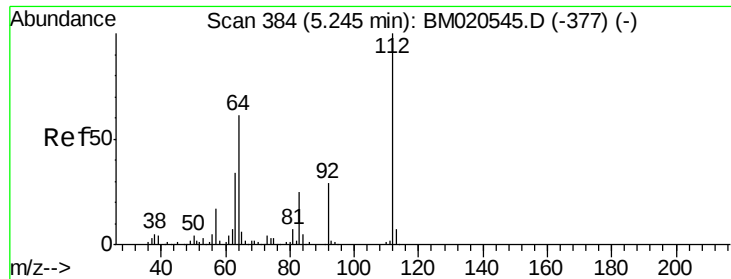
Delta R.T. 0.02 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	42	Resp:	8894
Ion	Ratio	Lower	Upper
42	100		
74	196.1	161.1	241.7
44	183.3	20.9	31.3#





#5

2-Fluorophenol

Concen: 14.448 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

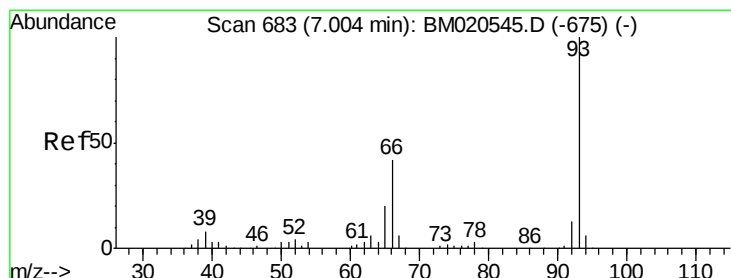
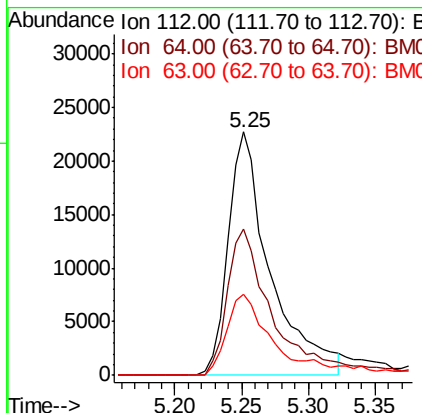
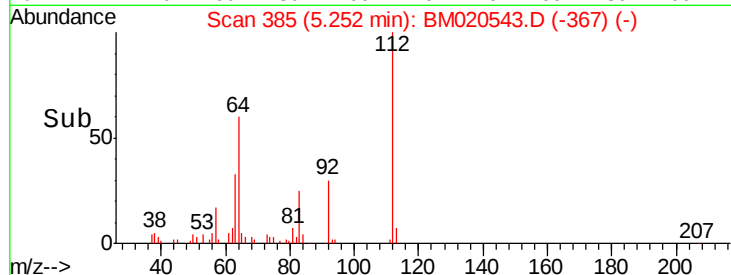
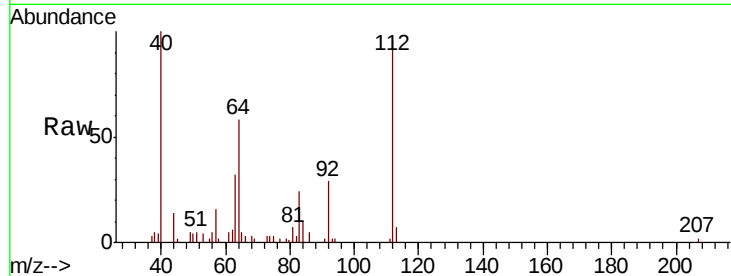
ClientSampleId :

SSTDIC010

Tot Ion:	112	Resp:	50087
Ion Ratio	Lower	Upper	
112	100		
64	60.0	48.6	73.0
63	33.2	27.4	41.0

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#6

Aniline

Concen: 9.304 ng

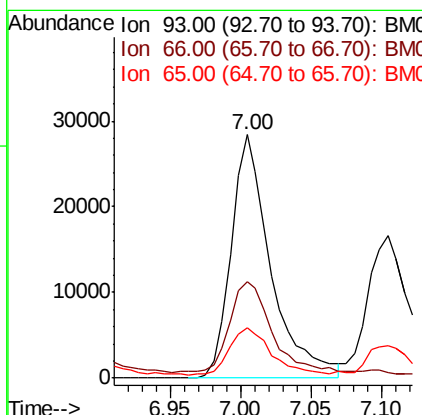
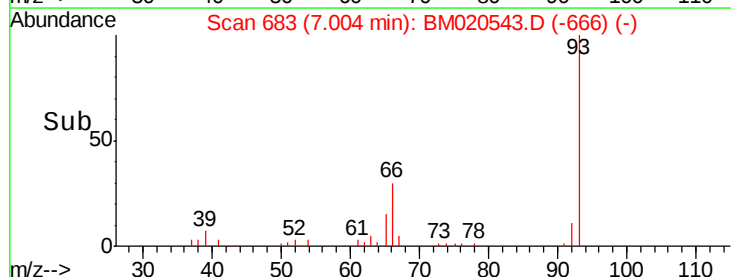
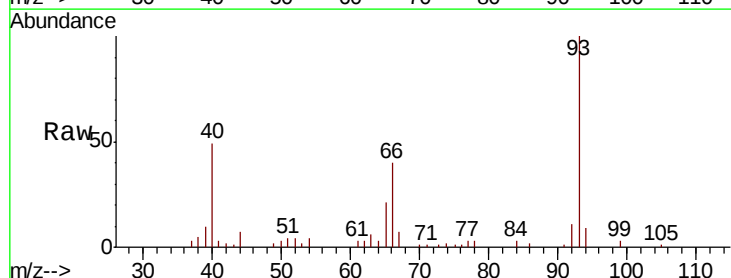
RT: 7.00 min Scan# 683

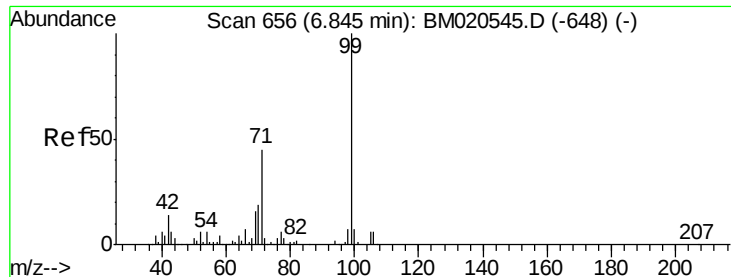
Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	93	Resp:	55469
Ion Ratio	Lower	Upper	
93	100		
66	39.8	34.5	51.7
65	20.7	16.2	24.2





#7

Phenol-d6

Concen: 15.575 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

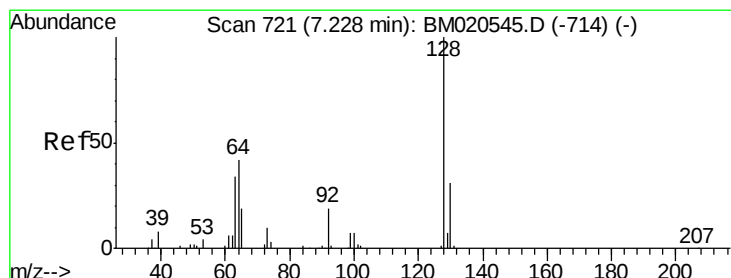
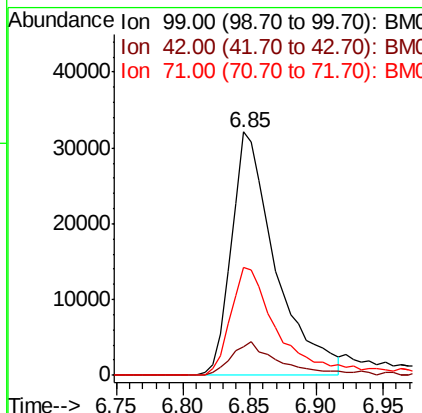
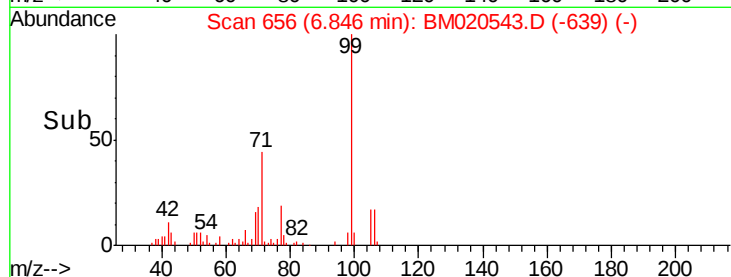
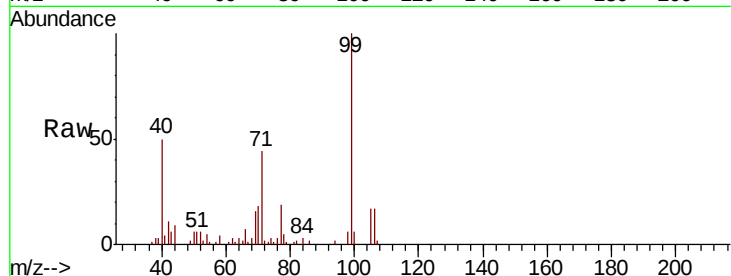
ClientSampleId :

SSTDICC010

Tot Ion:	99	Resp:	73759
Ion	Ratio	Lower	Upper
99	100		
42	11.5	10.8	16.2
71	44.2	36.3	54.5

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#8

2-Chlorophenol

Concen: 8.660 ng

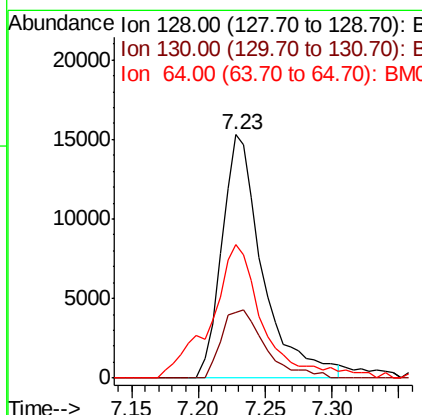
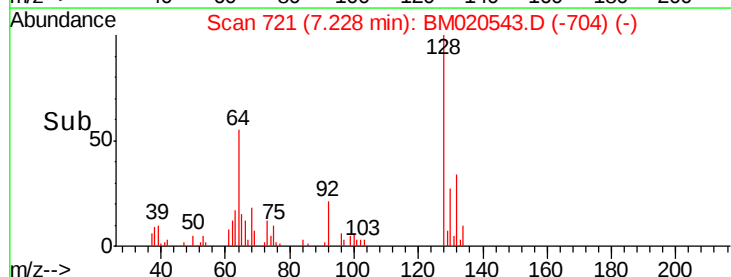
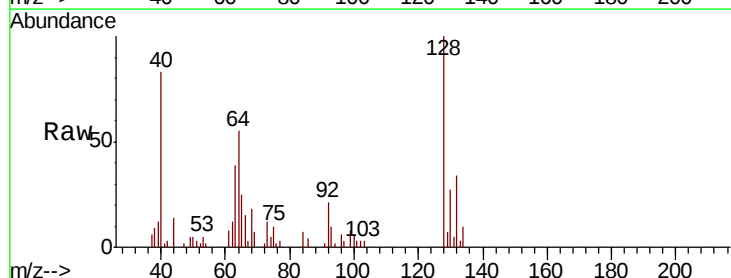
RT: 7.23 min Scan# 721

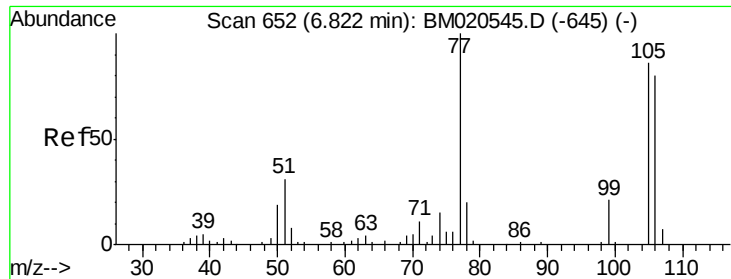
Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	128	Resp:	32688
Ion	Ratio	Lower	Upper
128	100		
130	27.0	11.2	51.2
64	54.6	31.1	71.1





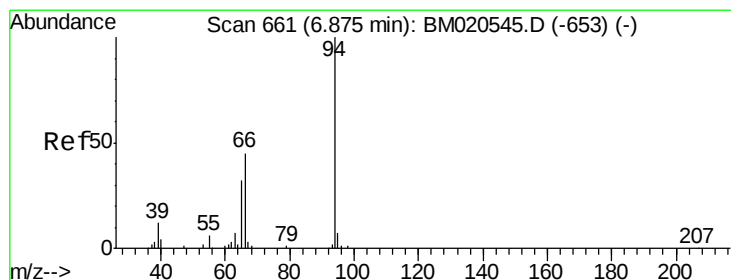
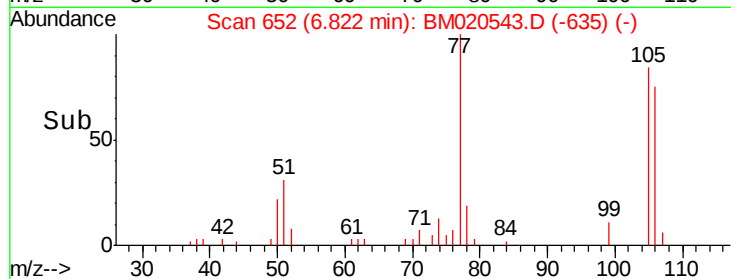
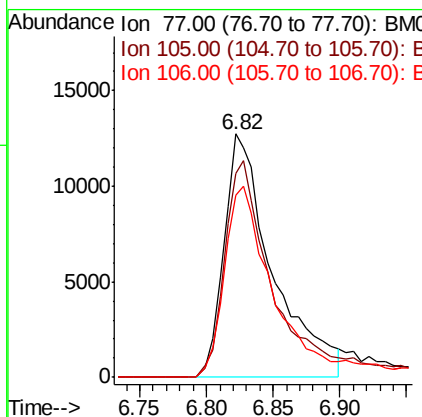
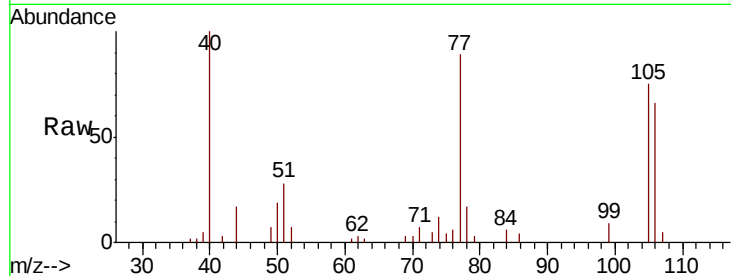
#9
Benzaldehyde
Concen: 9.031 ng
RT: 6.82 min Scan# 652
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.0	66.1	106.1
106	74.8	60.0	100.0

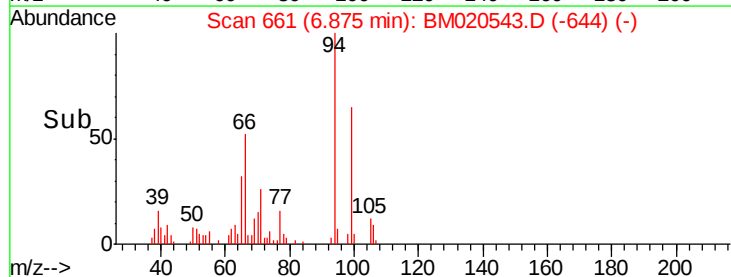
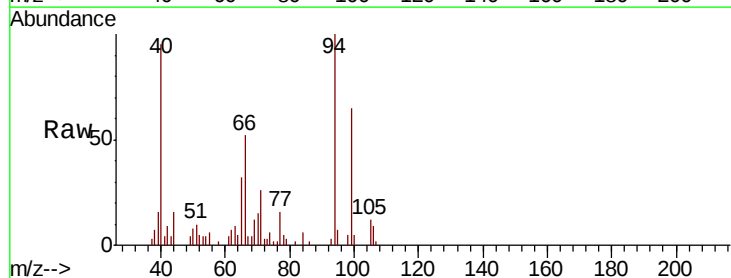
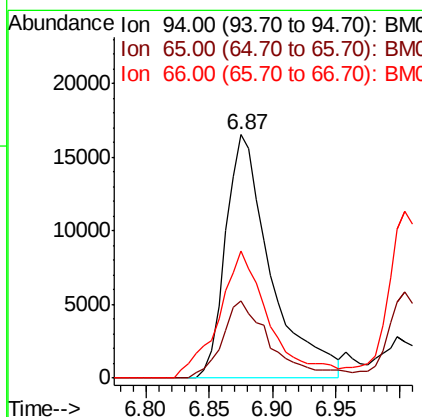
Manual Integrations
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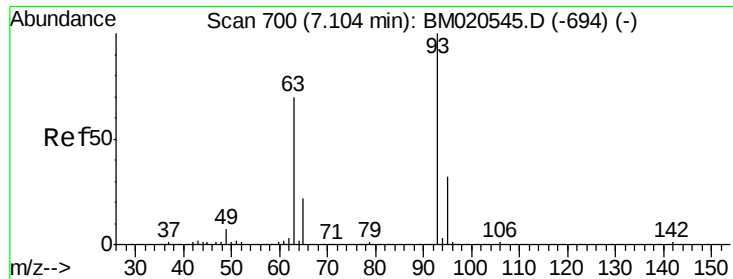
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#10
Phenol
Concen: 7.986 ng
RT: 6.87 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	12.4	52.4
66	52.0	27.4	67.4





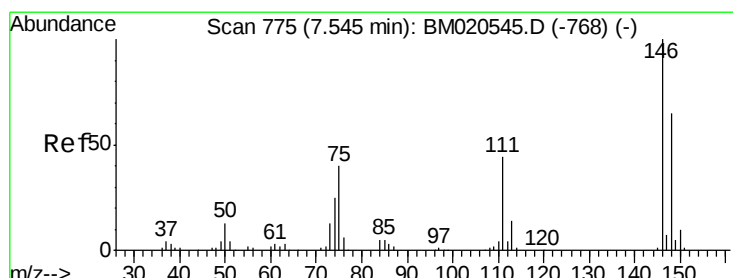
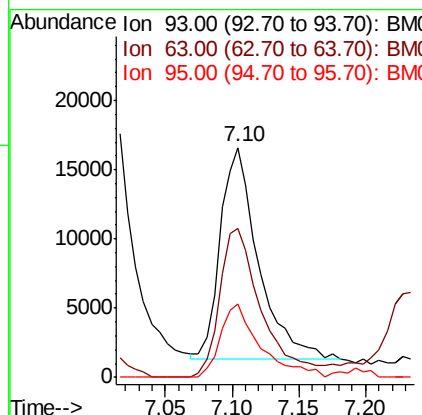
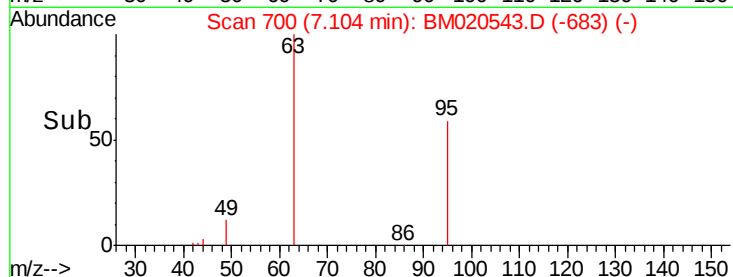
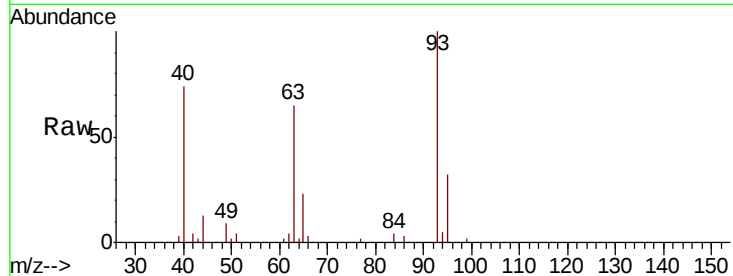
#11
bis(2-Chloroethyl)ether
Concen: 8.276 ng
RT: 7.10 min Scan# 700
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.9	47.6	87.6
95	31.9	10.9	50.9

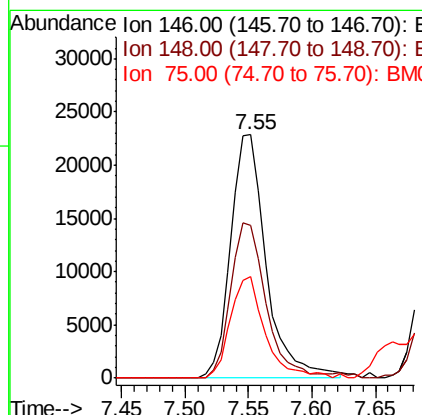
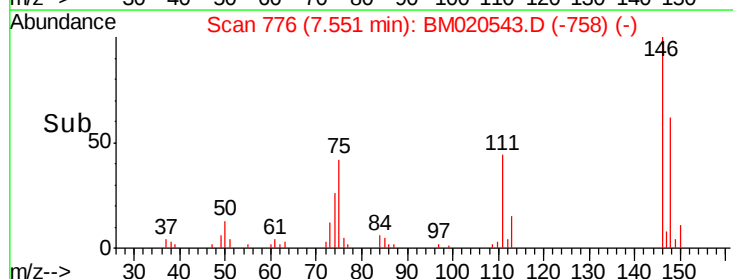
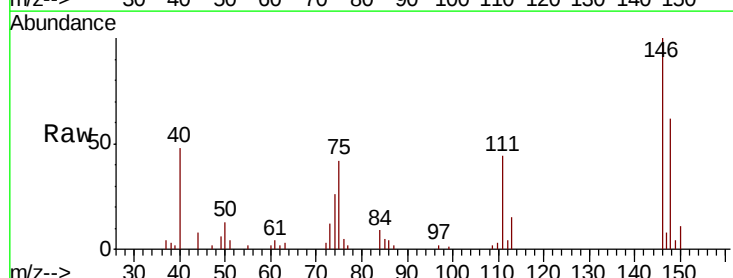
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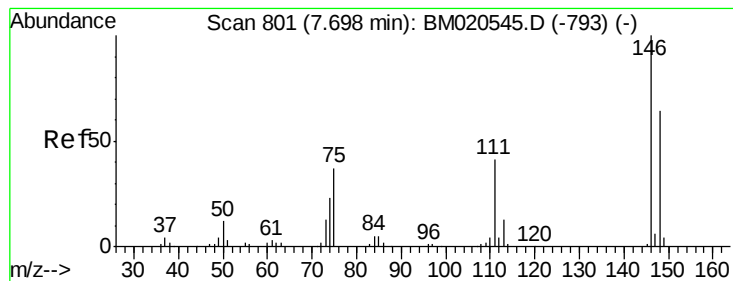
mohammad
5/27/2019 3:59:35 AM



#12
1,3-Dichlorobenzene
Concen: 10.142 ng
RT: 7.55 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.9	77.9
75	41.9	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 10.093 ng

RT: 7.70 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

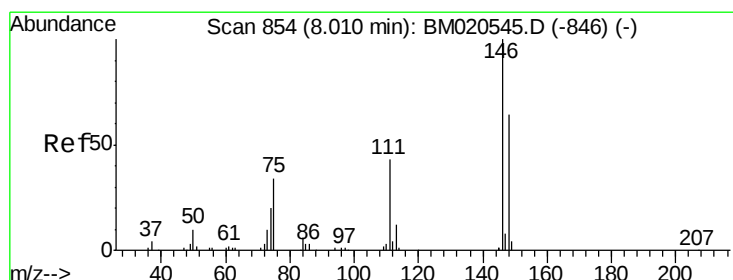
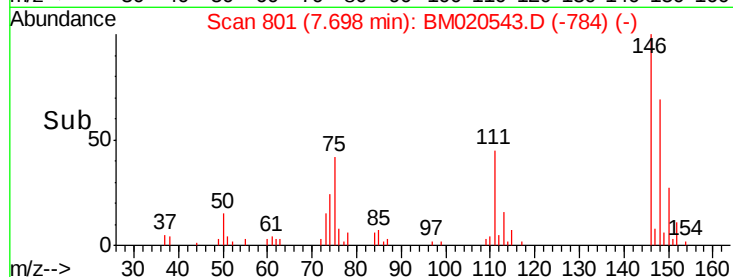
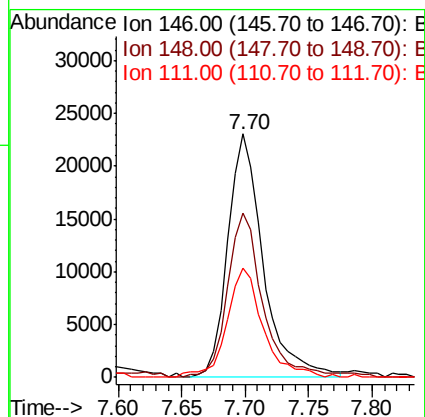
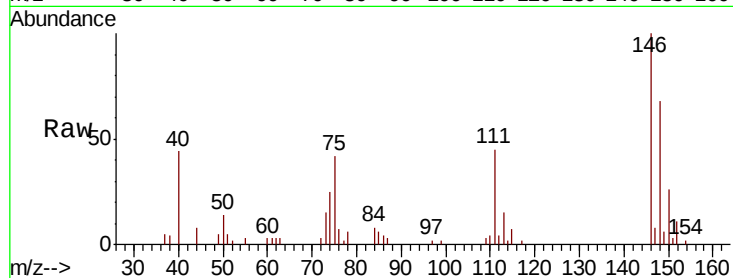
ClientSampleId :

SSTDIC010

Tot Ion:	146	Resp:	44777
Ion Ratio	Lower	Upper	
146	100		
148	67.6	51.1	76.7
111	44.7	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 10.705 ng

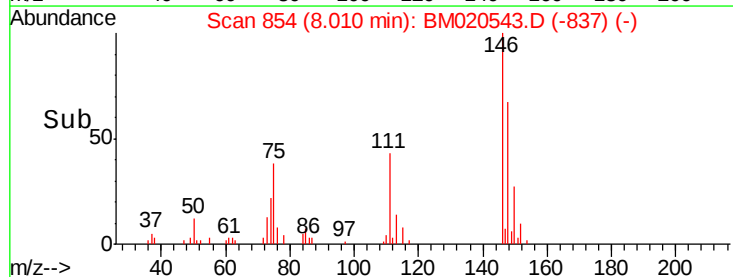
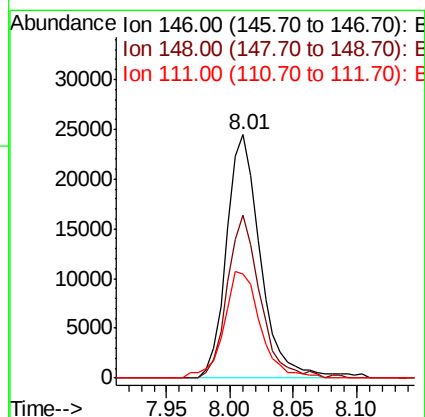
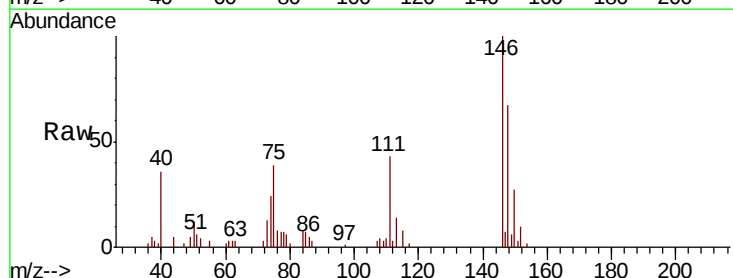
RT: 8.01 min Scan# 854

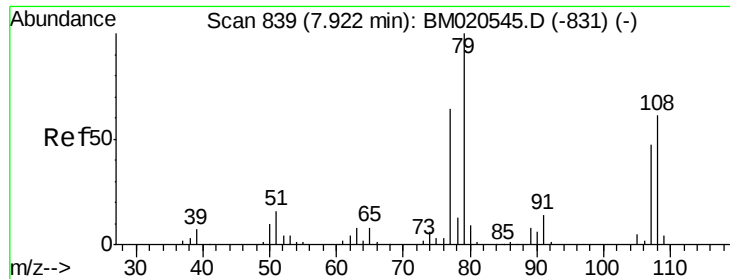
Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	146	Resp:	45248
Ion Ratio	Lower	Upper	
146	100		
148	66.7	51.2	76.8
111	42.7	35.2	52.8





#15

Benzyl Alcohol

Concen: 7.162 ng

RT: 7.93 min Scan# 840

Delta R.T. 0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

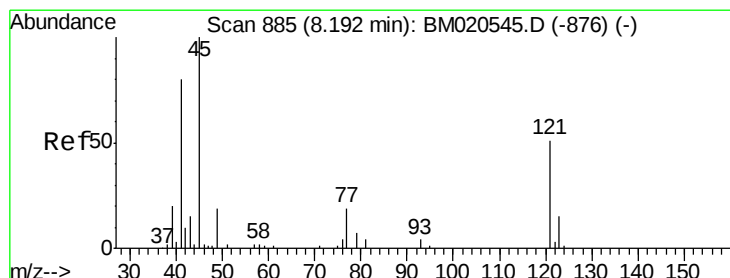
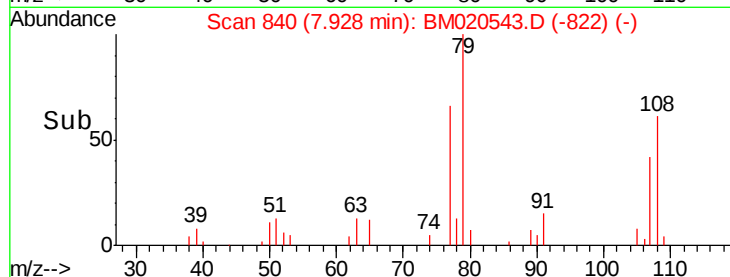
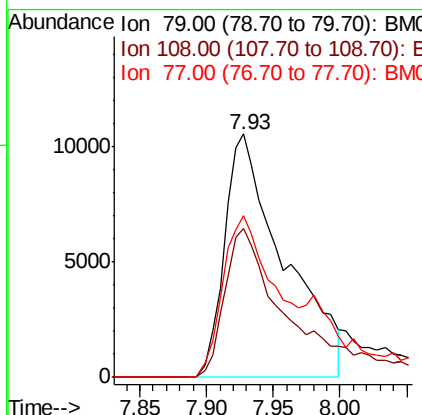
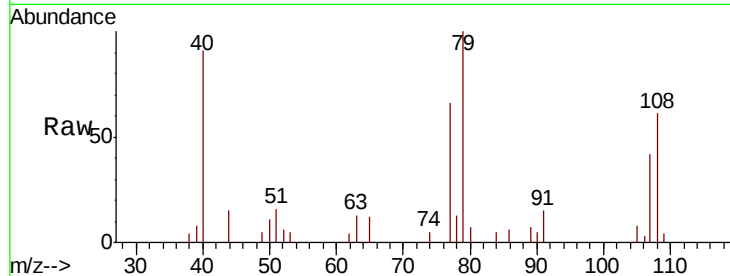
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	32707
Ion Ratio	Lower	Upper	
79	100		
108	61.0	48.5	72.7
77	66.2	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.254 ng

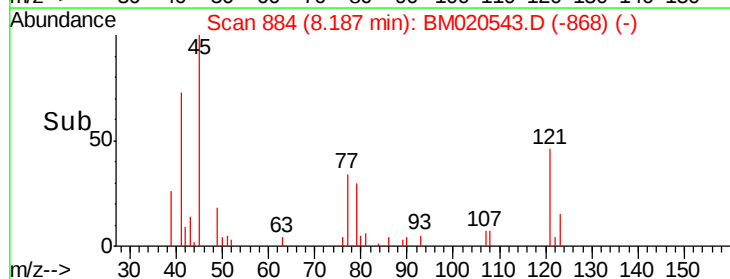
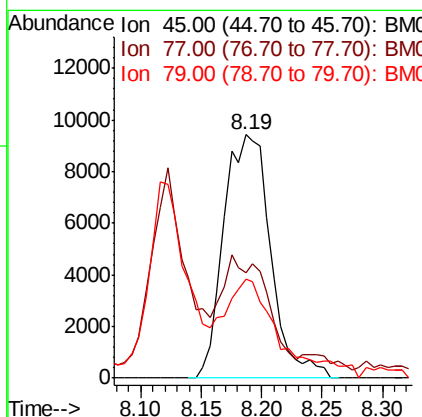
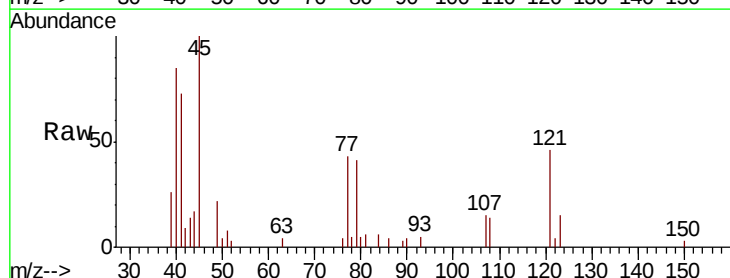
RT: 8.19 min Scan# 884

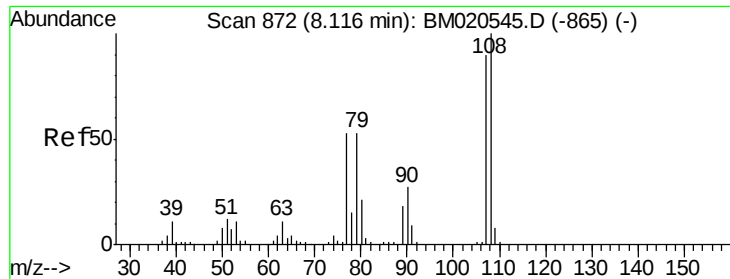
Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	45	Resp:	25361
Ion Ratio	Lower	Upper	
45	100		
77	43.4	25.0	65.0
79	40.6	13.1	53.1





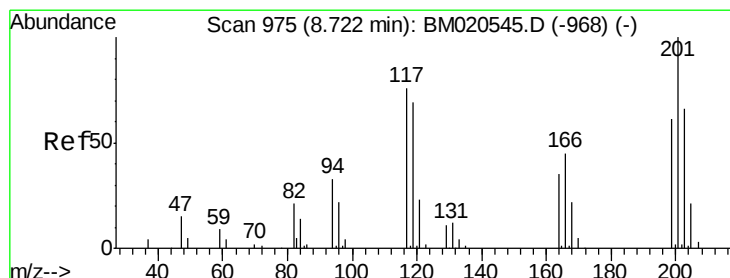
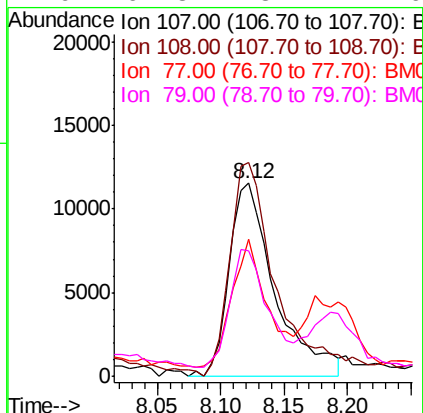
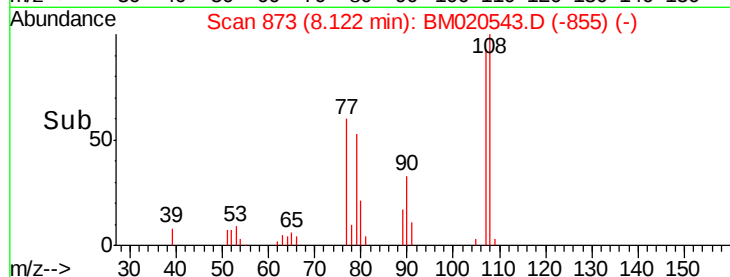
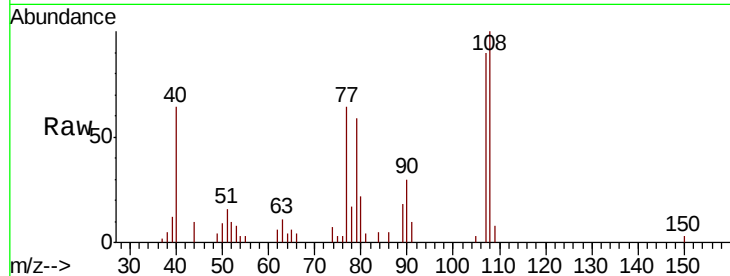
#17
2-Methylphenol
Concen: 8.772 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	107	Resp	28789
Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.4	134.2
77	70.7	48.2	72.4
79	64.8	48.4	72.6

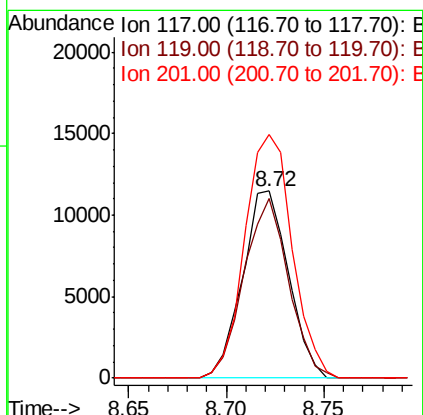
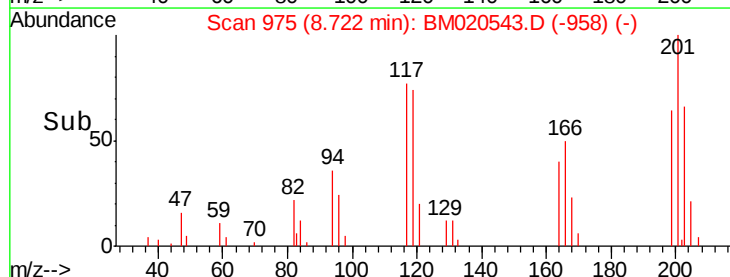
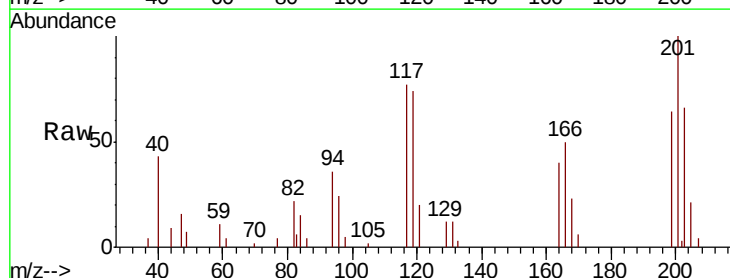
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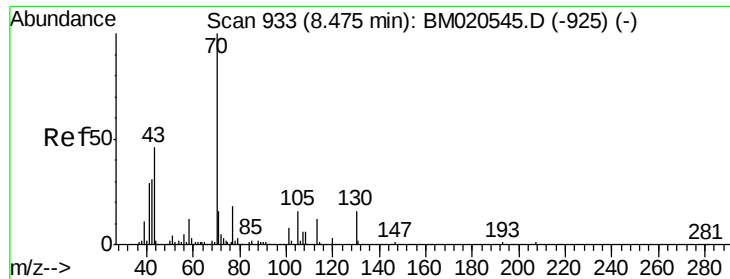
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#18
Hexachloroethane
Concen: 10.109 ng
RT: 8.72 min Scan# 975
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	117	Resp	18701
Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.2	109.8
201	134.3	105.8	158.8





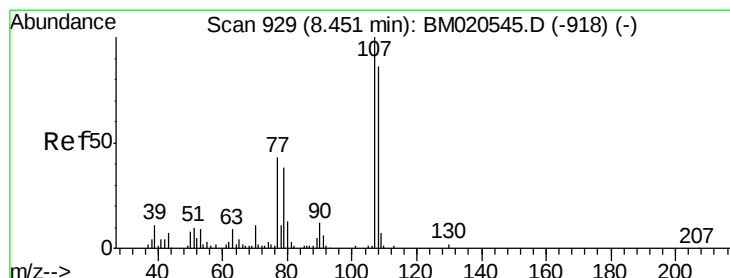
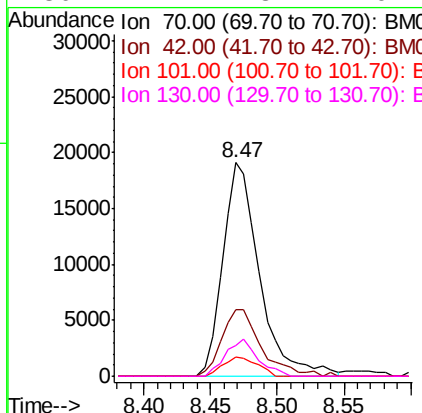
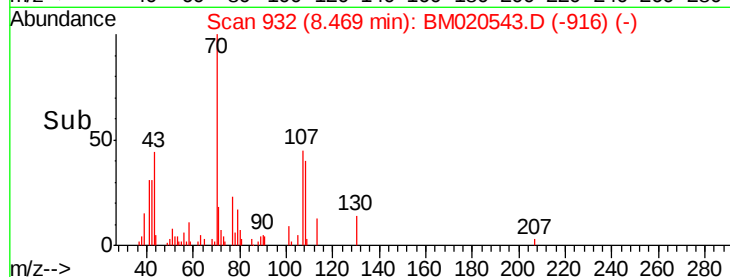
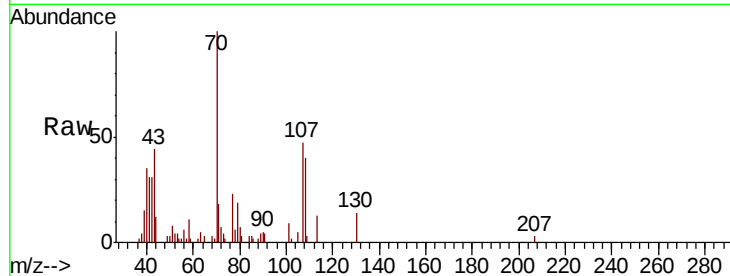
#19
n-Nitroso-di-n-propylamine
Concen: 9.052 ng
RT: 8.47 min Scan# 932
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
36678	70	100		
	42	31.3	24.7	37.1
	101	8.8	6.8	10.2
	130	14.4	13.1	19.7

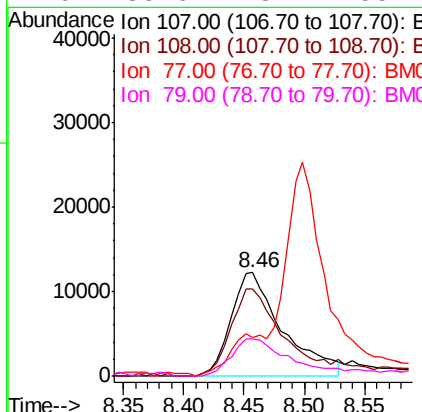
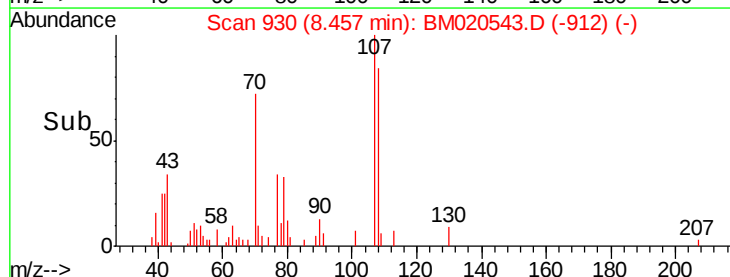
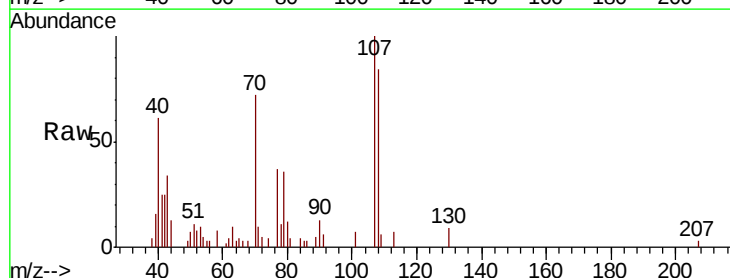
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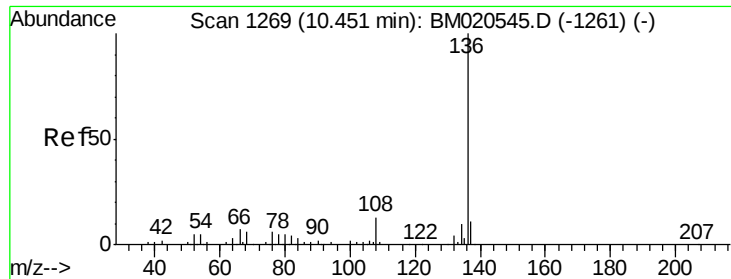
mohammad
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#20
3+4-Methylphenols
Concen: 8.320 ng
RT: 8.46 min Scan# 930
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ion	Ratio	Lower	Upper
36289	107	100		
	108	83.7	66.5	106.5
	77	37.3	23.0	63.0
	79	35.6	18.2	58.2





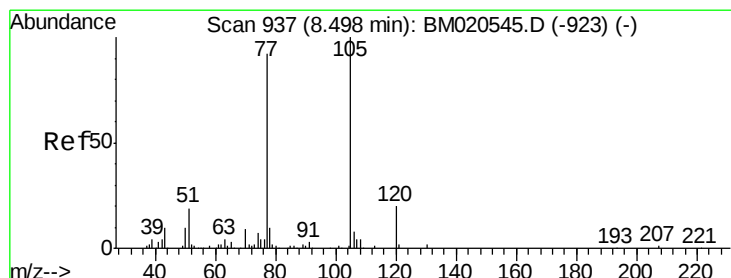
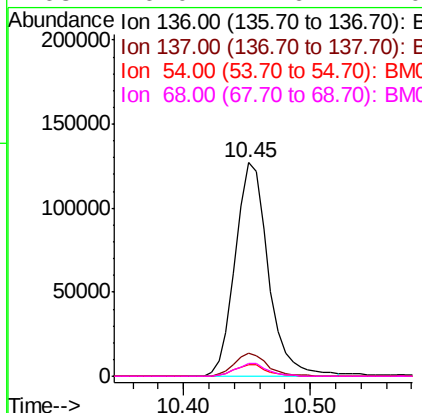
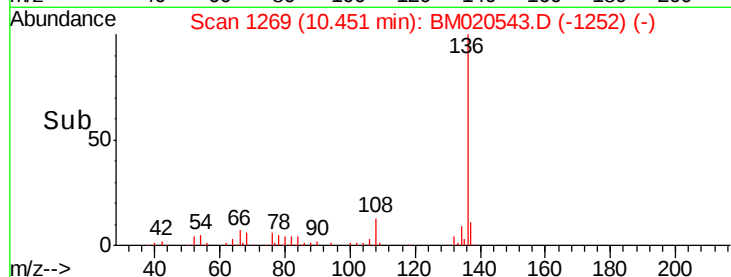
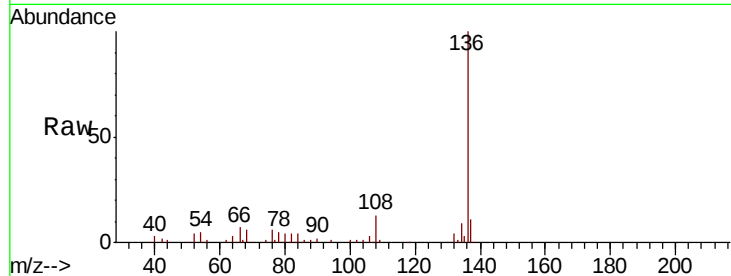
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
136	100	231276		
137	10.9		8.4	12.6
54	5.5		4.2	6.4
68	6.0		4.6	7.0

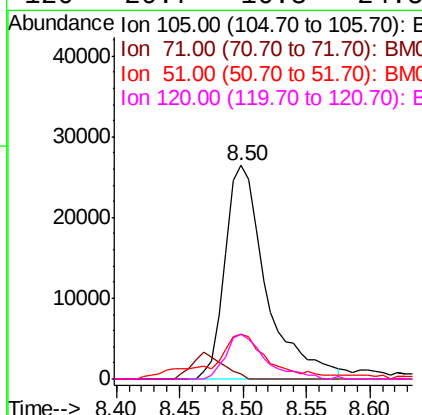
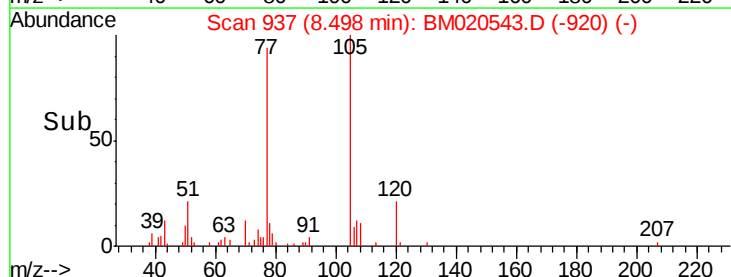
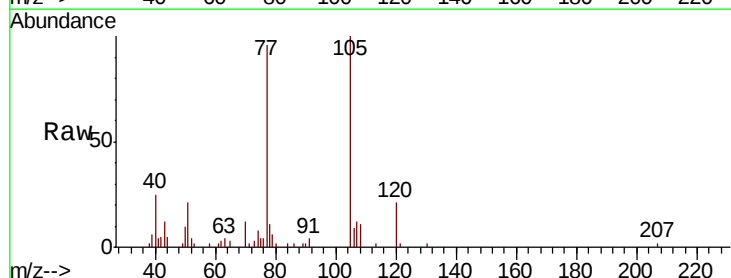
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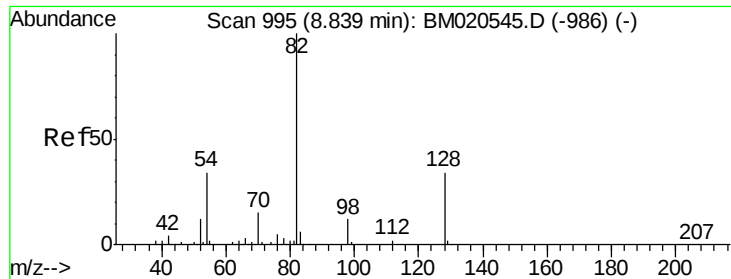
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#22
Acetophenone
Concen: 9.414 ng
RT: 8.50 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	59503		
71	2.4		1.3	1.9#
51	20.7		15.7	23.5
120	20.7		16.3	24.5





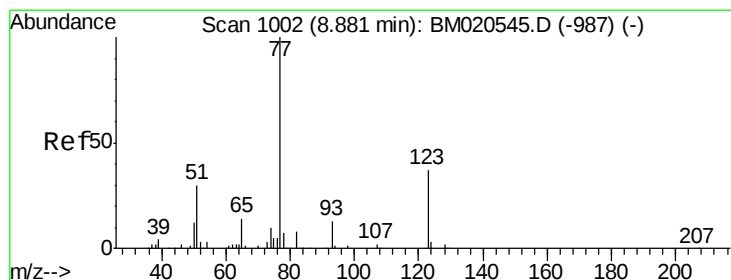
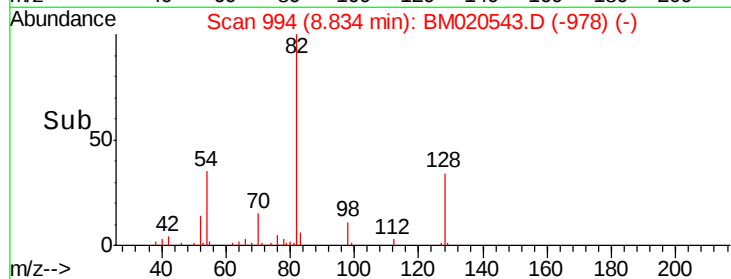
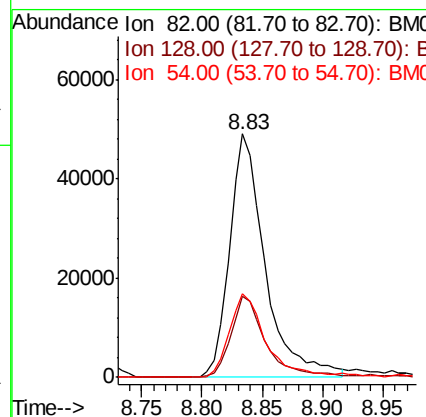
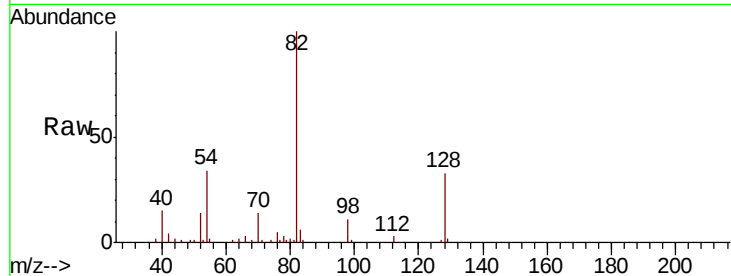
#23
Nitrobenzene-d5
Concen: 17.163 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.5	27.0	40.4	
54	34.1	27.4	41.2	

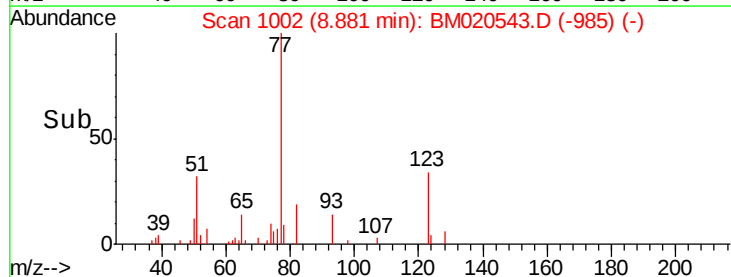
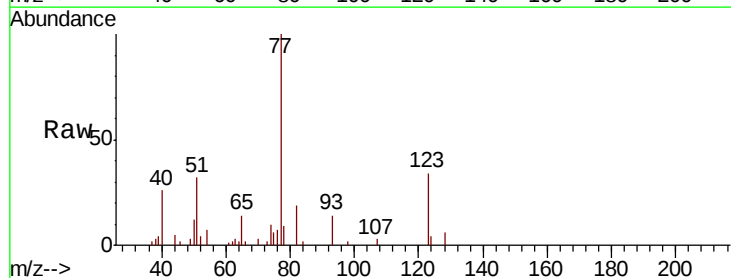
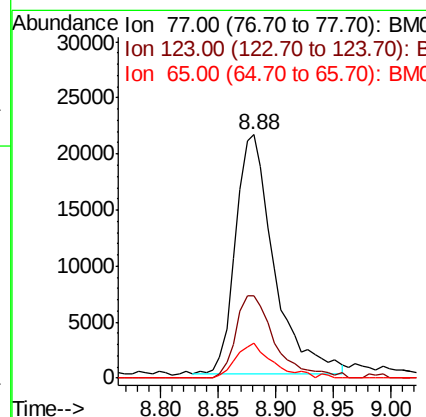
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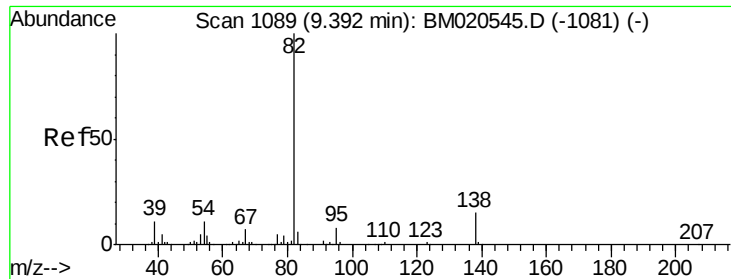
mohammad
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#24
Nitrobenzene
Concen: 8.053 ng
RT: 8.88 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	33.8	29.4	44.2	
65	14.3	10.8	16.2	





#25

Isophorone

Concen: 9.841 ng

RT: 9.39 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

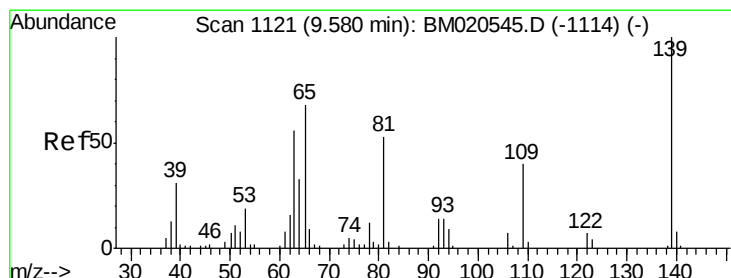
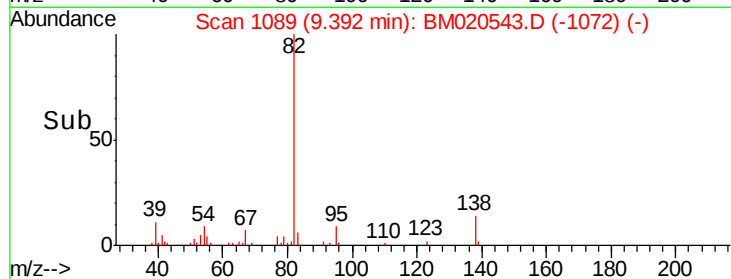
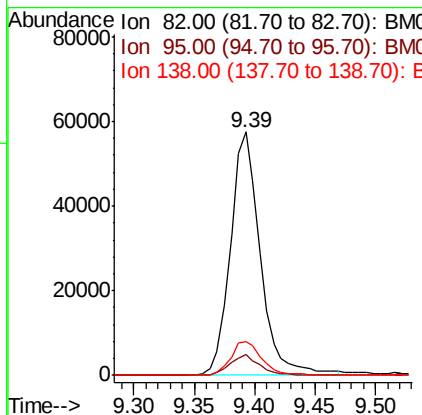
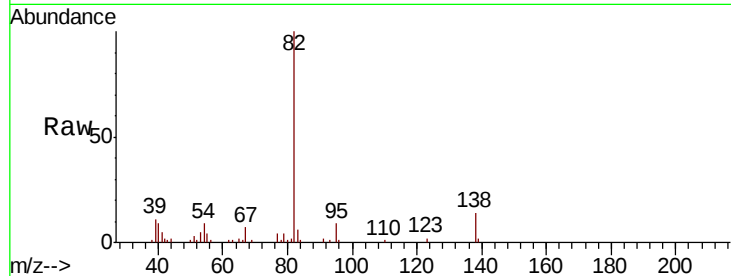
ClientSampleId :

SSTDIC010

Tot Ion:	82	Resp:	99419
Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.7	10.1
138	13.7	12.0	18.0

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#26

2-Nitrophenol

Concen: 9.365 ng

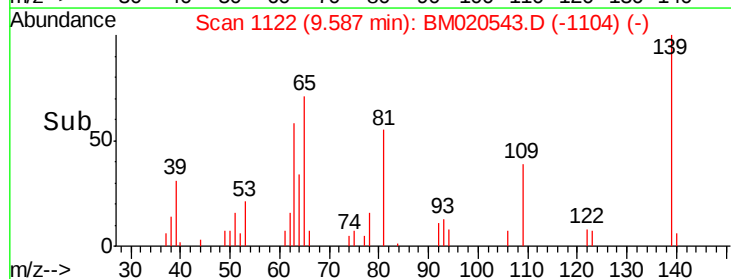
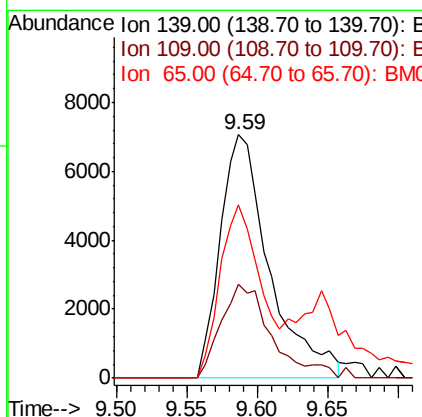
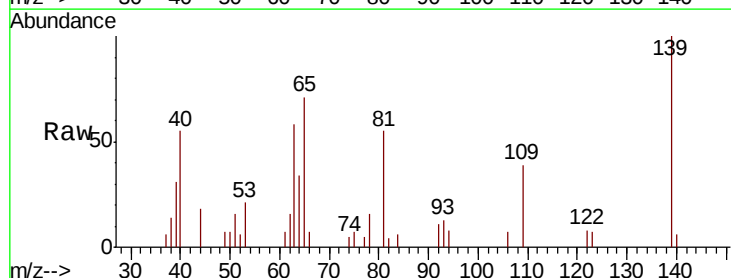
RT: 9.59 min Scan# 1122

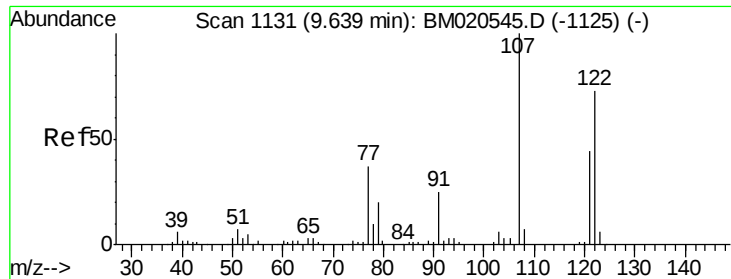
Delta R.T. 0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	139	Resp:	17172
Ion	Ratio	Lower	Upper
139	100		
109	38.5	32.3	48.5
65	71.0	54.4	81.6





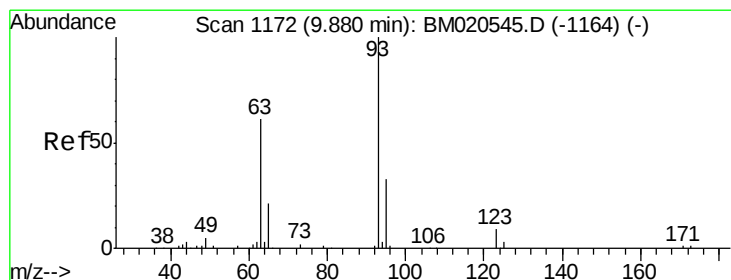
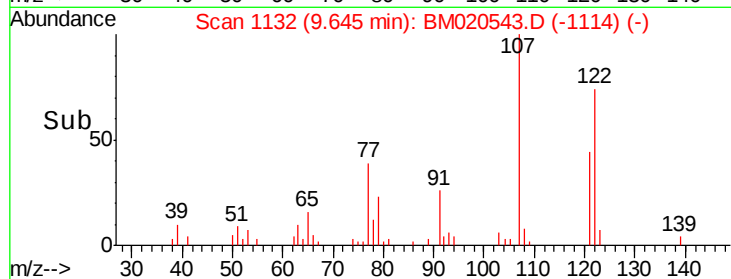
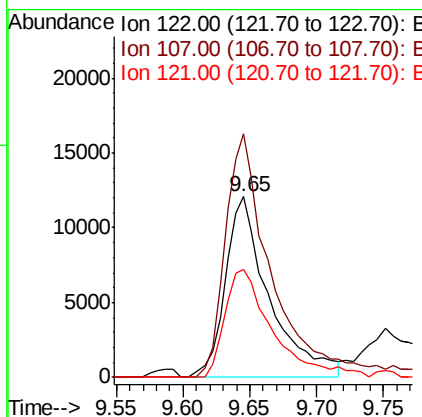
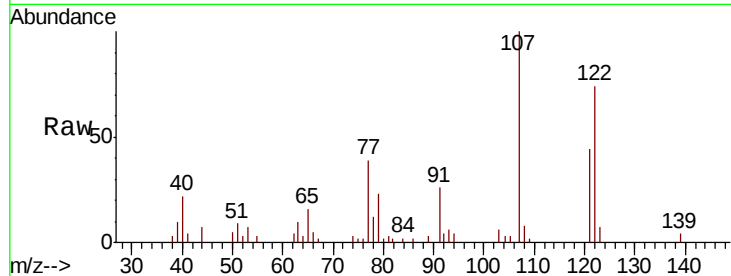
#27
2,4-Dimethylphenol
Concen: 9.097 ng
RT: 9.65 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		27772		
107	134.8	108.2	162.2		
121	59.9	47.4	71.0		

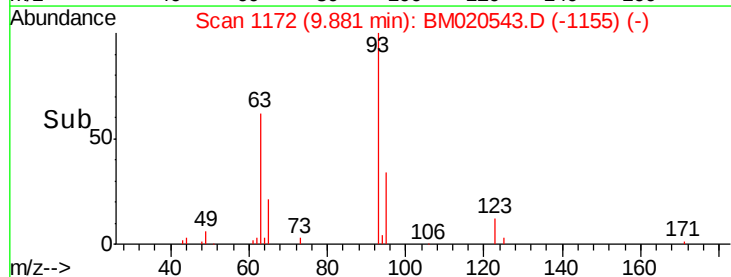
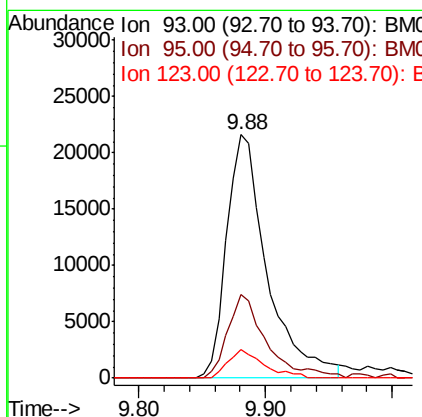
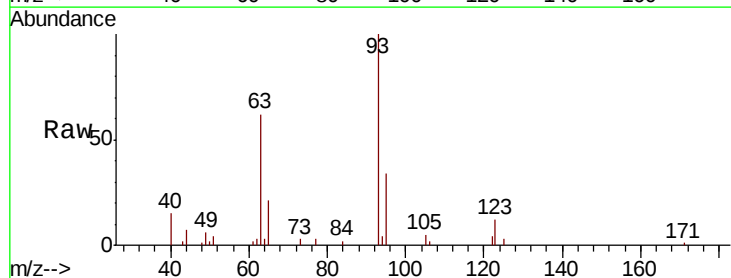
Manual Integrations
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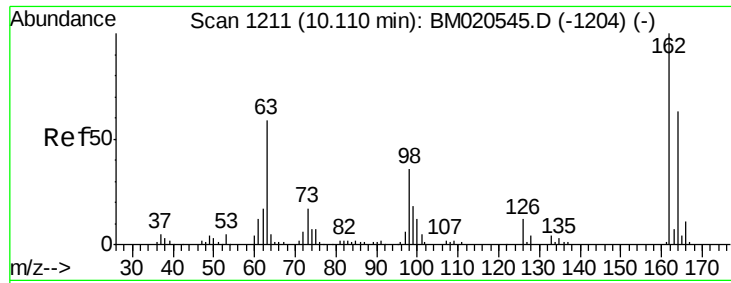
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 8.708 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		47910		
95	34.4	26.1	39.1		
123	11.7	8.1	12.1		





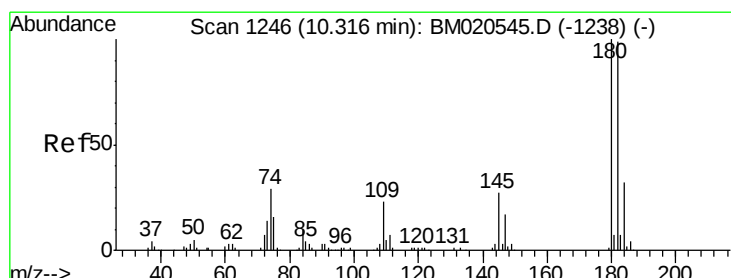
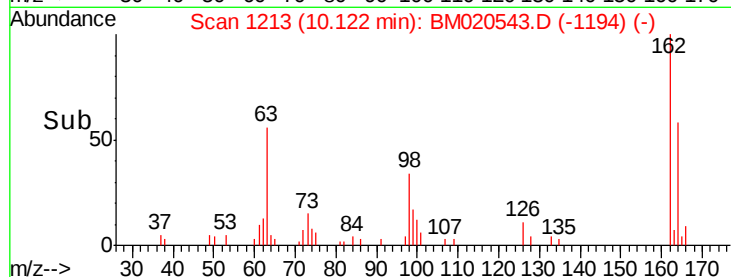
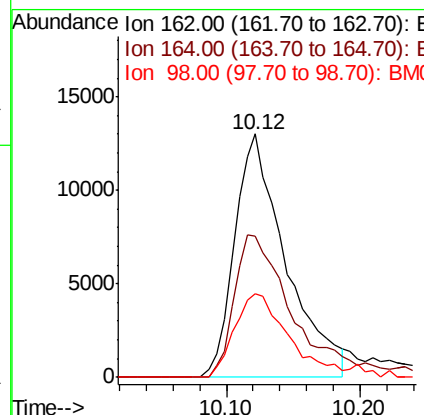
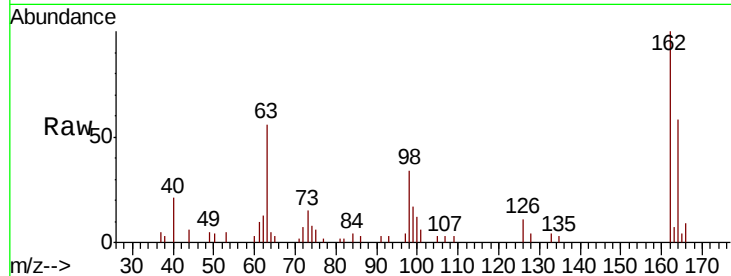
#29
 2,4-Dichlorophenol
 Concen: 9.010 ng
 RT: 10.12 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.9	43.1	83.1
98	34.4	16.2	56.2

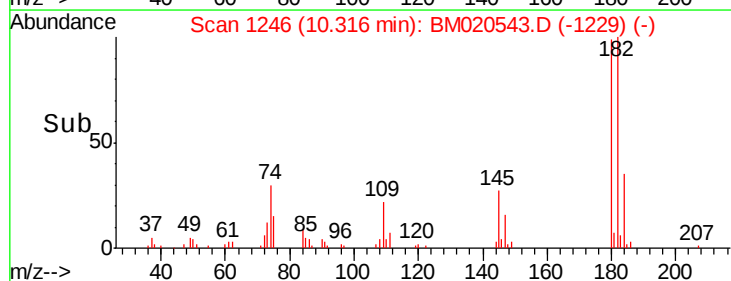
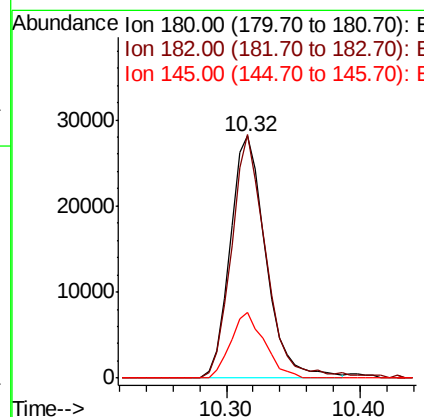
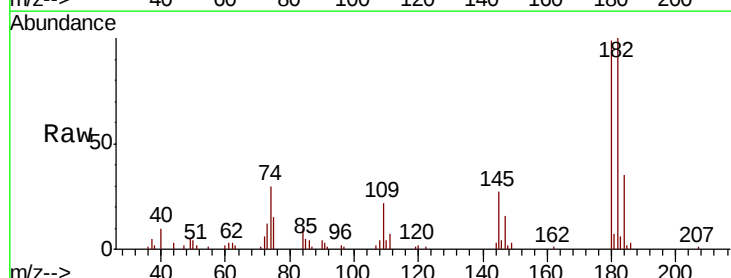
Manual Integrations
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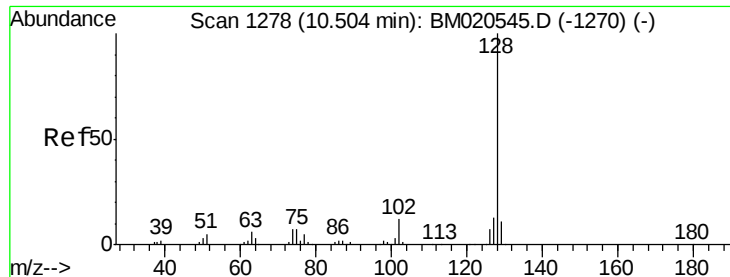
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#30
 1,2,4-Trichlorobenzene
 Concen: 11.075 ng
 RT: 10.32 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	78.8	118.2
145	27.1	21.3	31.9





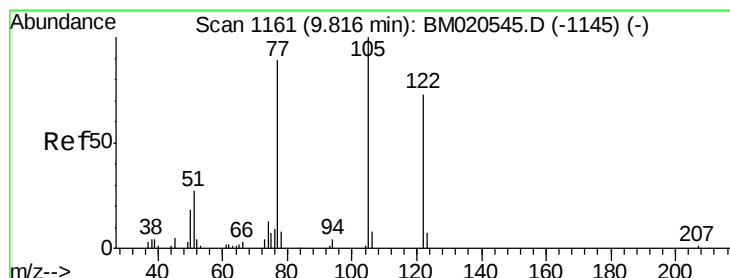
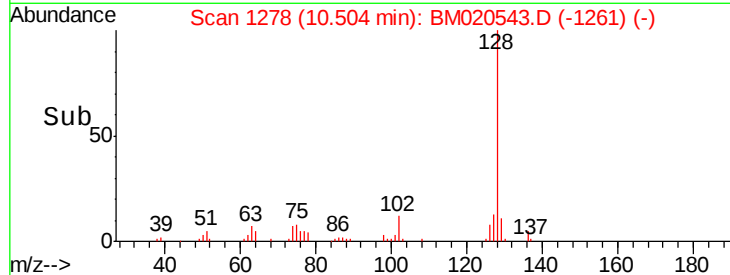
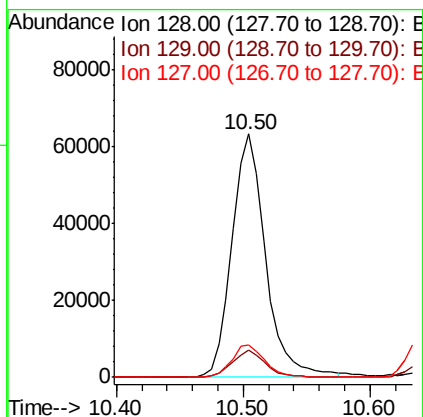
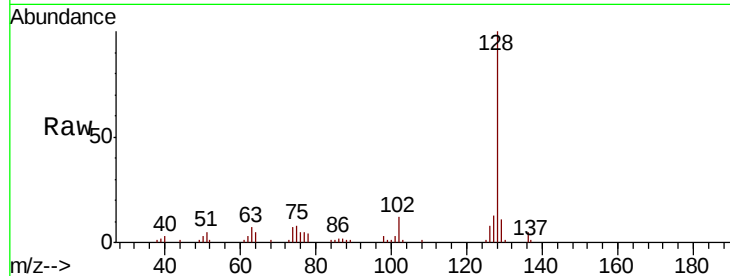
#31
Naphthalene
Concen: 9.698 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	10.4	15.6

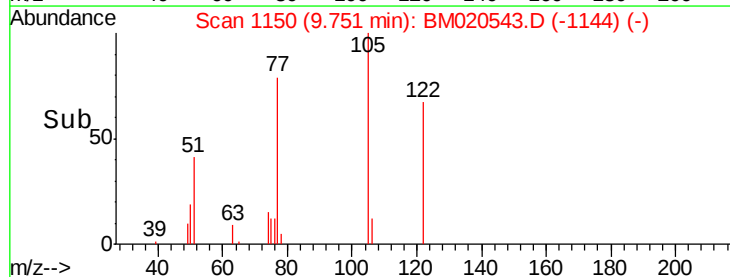
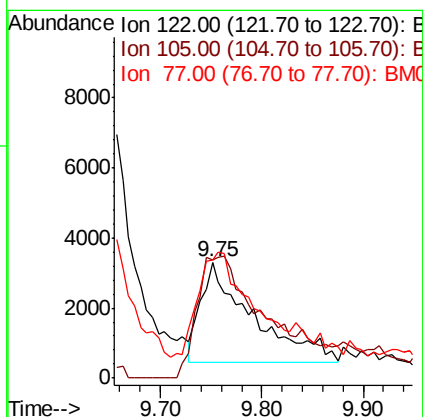
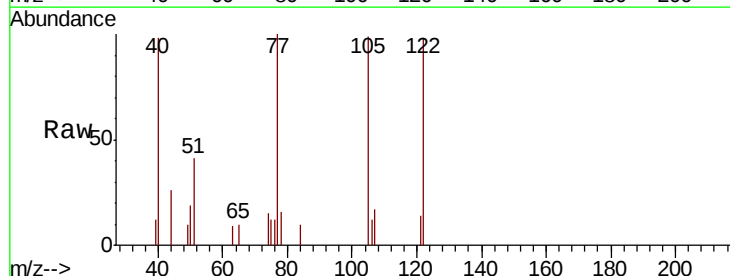
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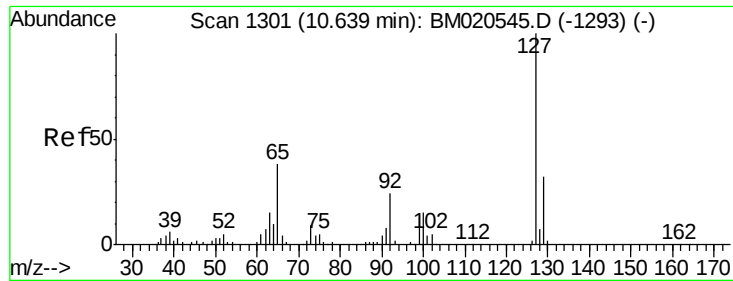
mohammad
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#32
Benzoic acid
Concen: 4.960 ng m
RT: 9.75 min Scan# 1150
Delta R.T. -0.06 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.8	108.8	148.8#
77	102.5	97.8	137.8





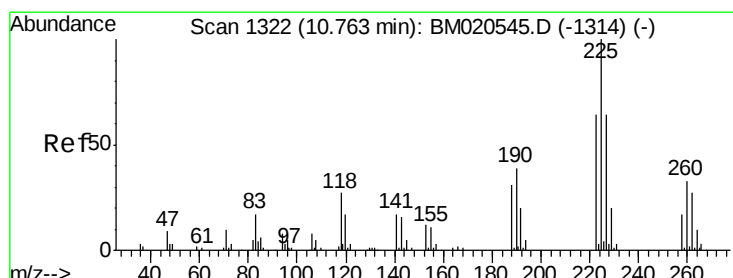
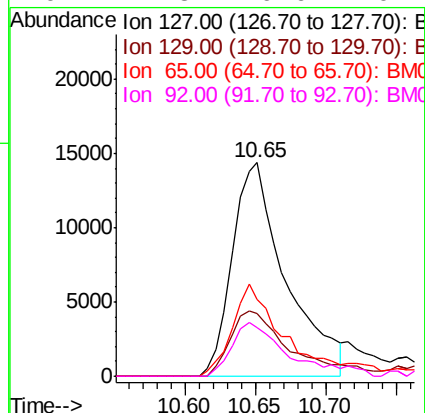
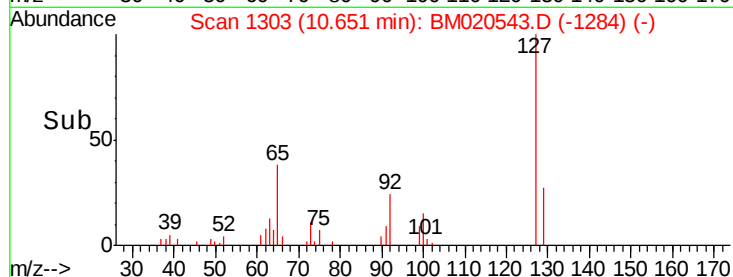
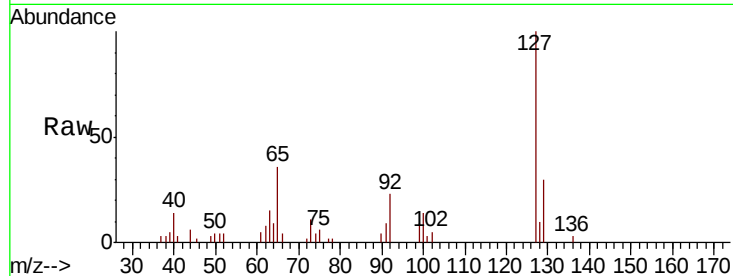
#33
4-Chloroaniline
Concen: 7.717 ng
RT: 10.65 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.5	25.4	38.2		
65	36.3	30.6	45.8		
92	22.8	19.6	29.4		

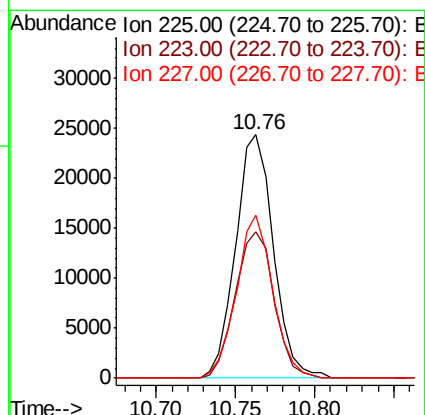
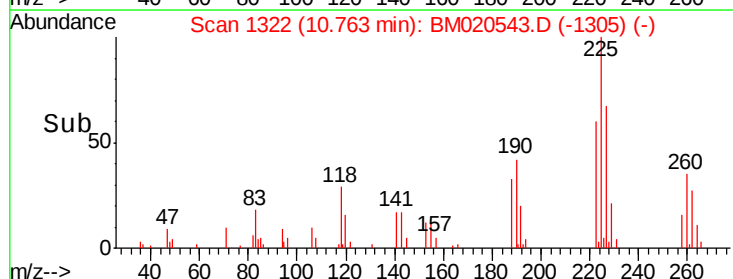
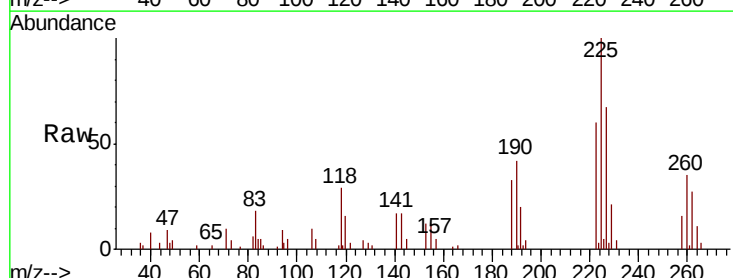
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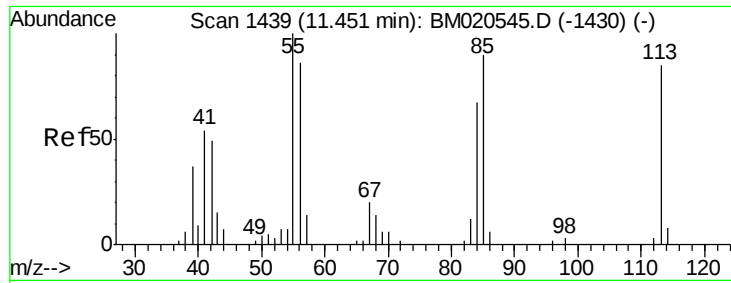
mohammad
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#34
Hexachlorobutadiene
Concen: 12.018 ng
RT: 10.76 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.9	51.4	77.0		
227	66.9	51.0	76.6		





#35

Caprolactam

Concen: 8.900 ng

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

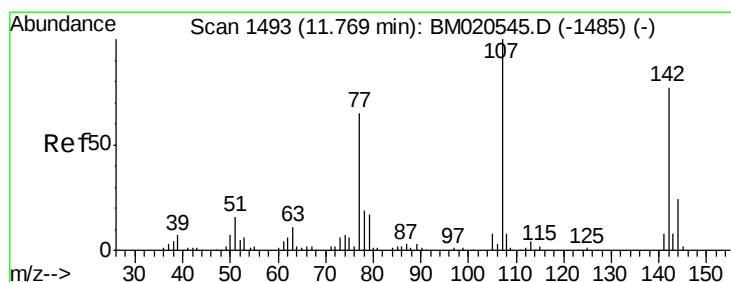
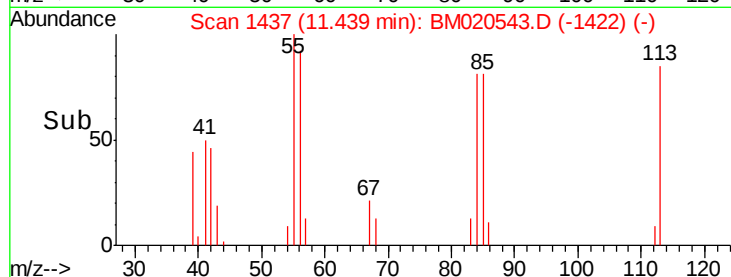
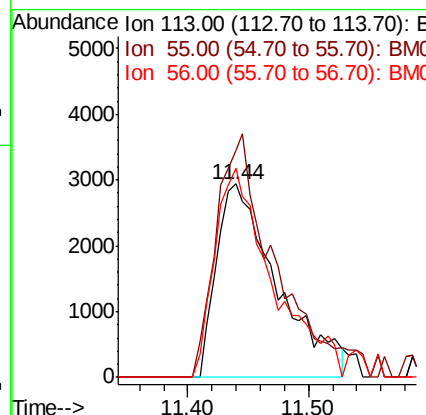
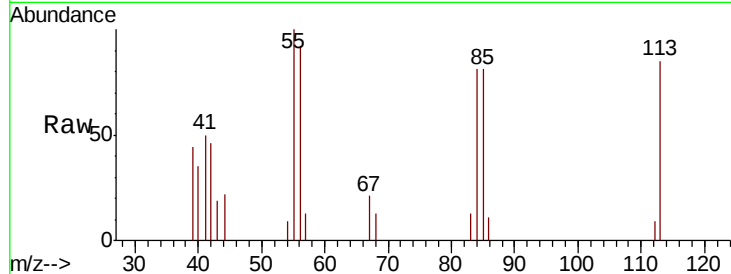
ClientSampleId :

SSTDIC010

Tot Ion:	113	Resp:	10244
Ion	Ratio	Lower	Upper
113	100		
55	117.2	97.6	137.6
56	108.2	81.6	121.6

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#36

4-Chloro-3-methylphenol

Concen: 8.283 ng

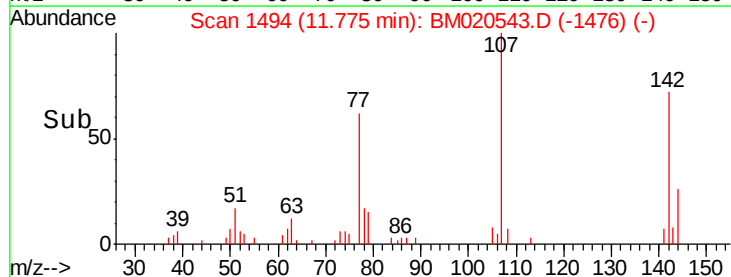
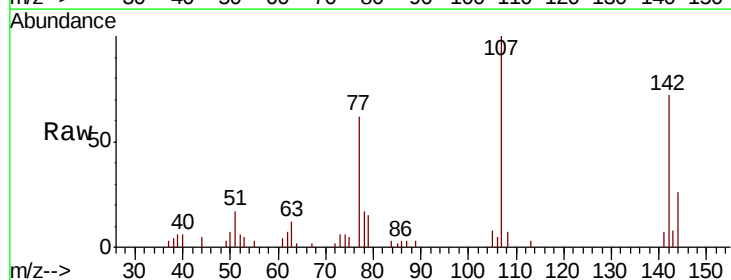
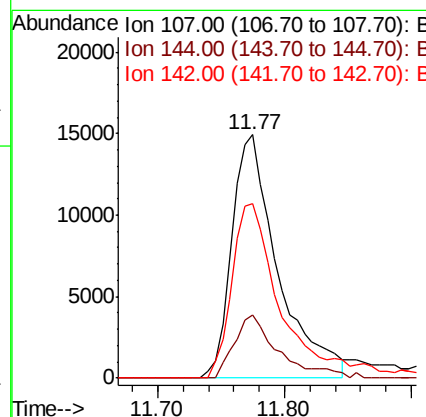
RT: 11.77 min Scan# 1494

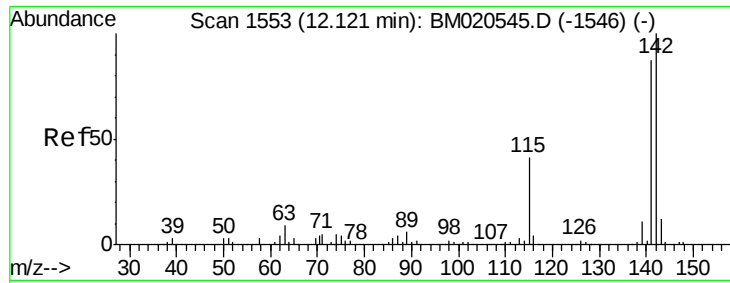
Delta R.T. 0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	107	Resp:	37469
Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.0	28.6
142	71.8	61.3	91.9





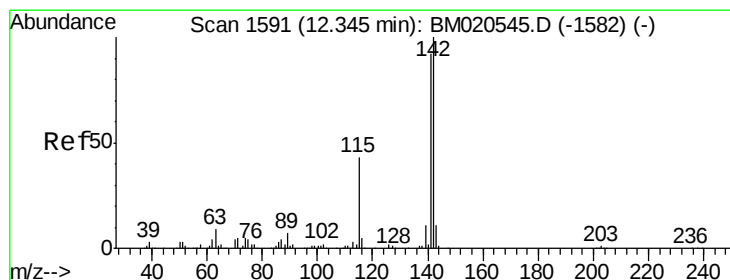
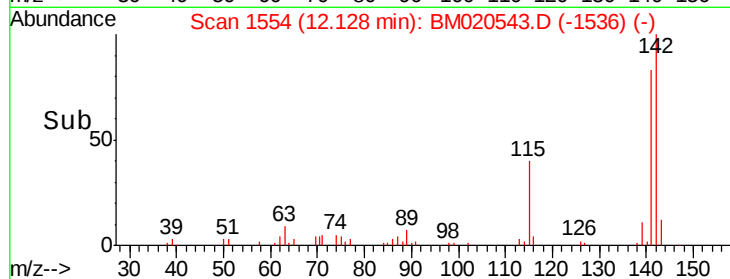
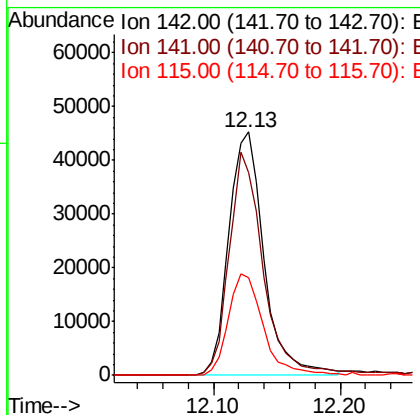
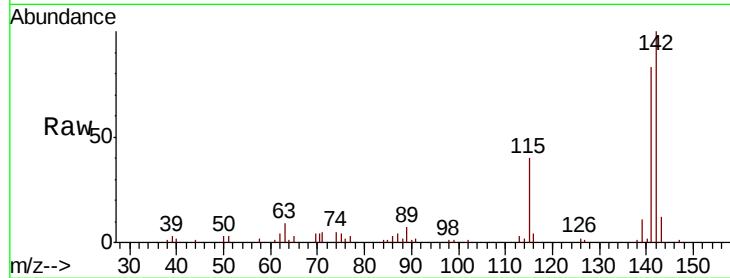
#37
2-Methylnaphthalene
Concen: 9.934 ng
RT: 12.13 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.0	69.9	104.9
115	39.9	32.9	49.3

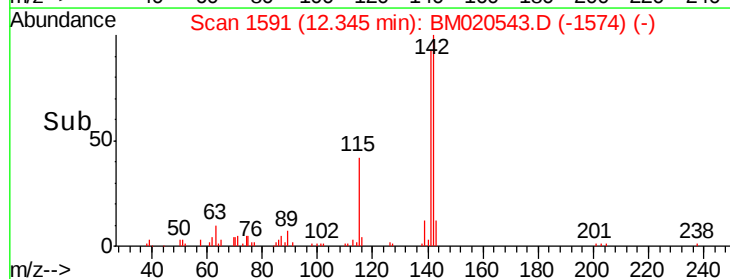
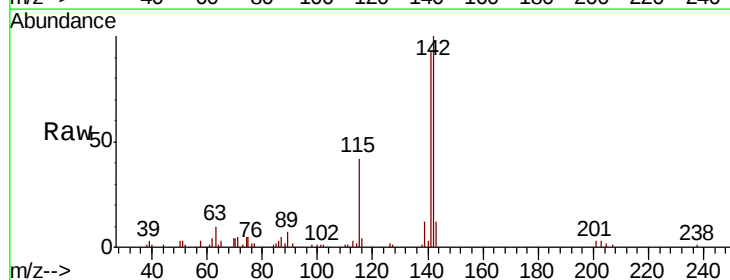
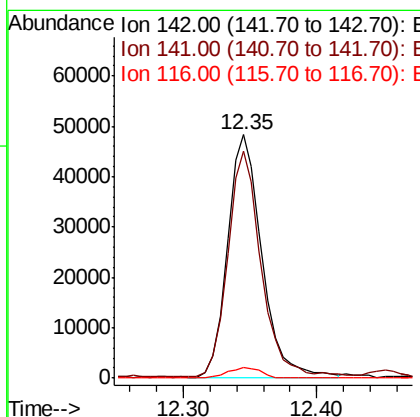
Manual Integrations
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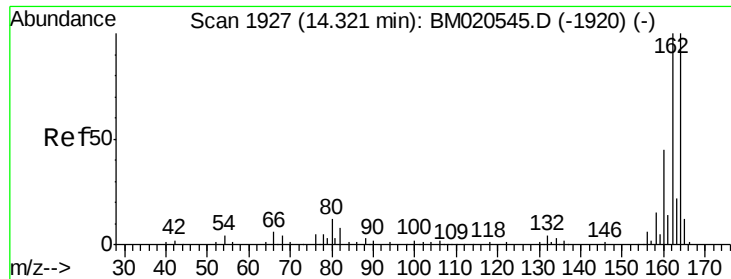
mohammad
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#38
1-Methylnaphthalene
Concen: 10.144 ng
RT: 12.35 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.7	110.5
116	4.4	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tot Ion:164 Resp: 169035

Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

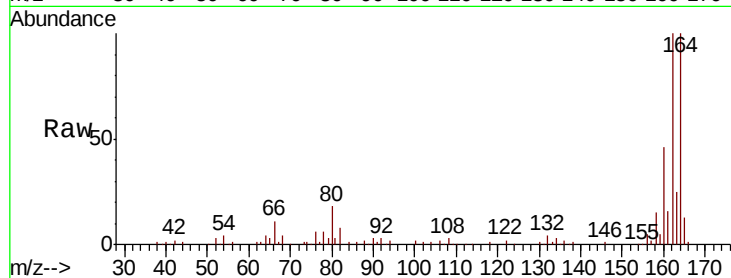
160 45.6 35.9 53.9

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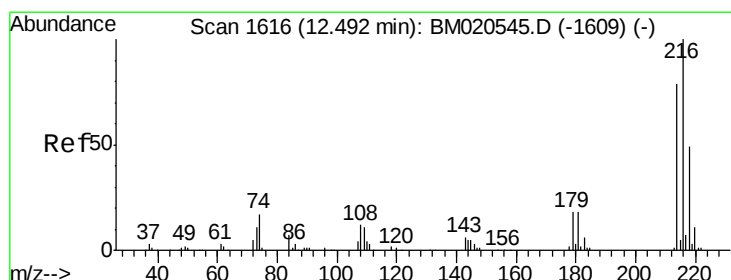
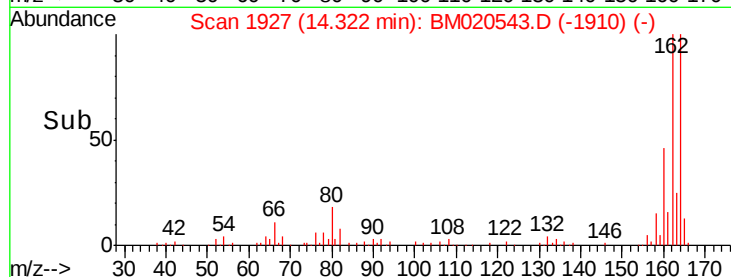
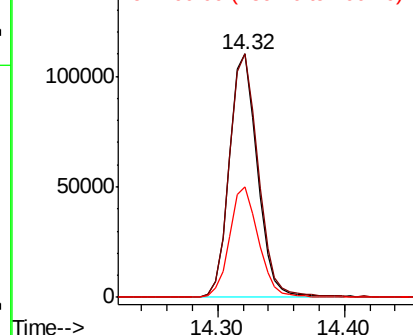


Abundance

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: 10.293 ng

RT: 12.49 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:216 Resp: 68072

Ion Ratio Lower Upper

216 100

214 77.8 63.0 94.6

179 18.4 14.8 22.2

108 13.6 10.5 15.7

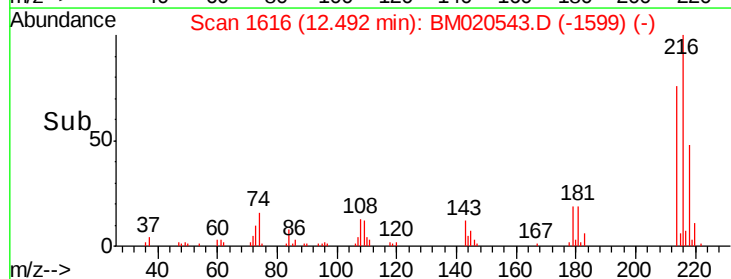
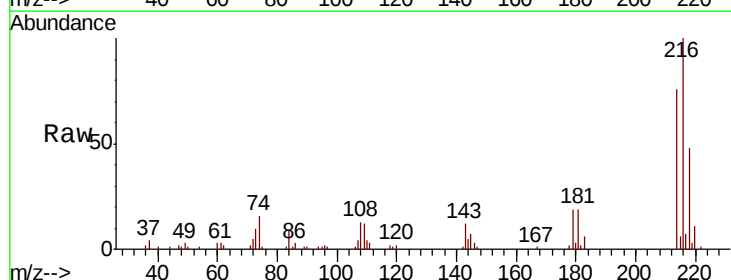
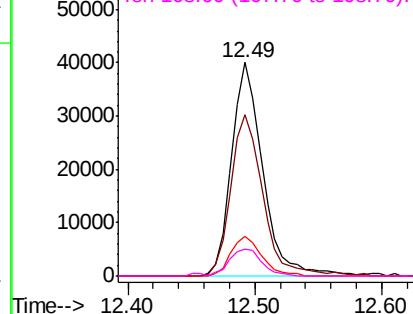
Abundance

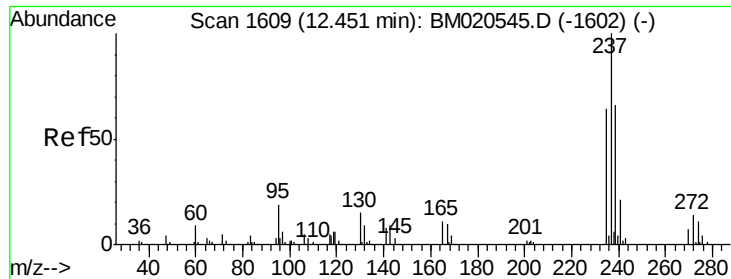
Ion 216.00 (215.70 to 216.70): E

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





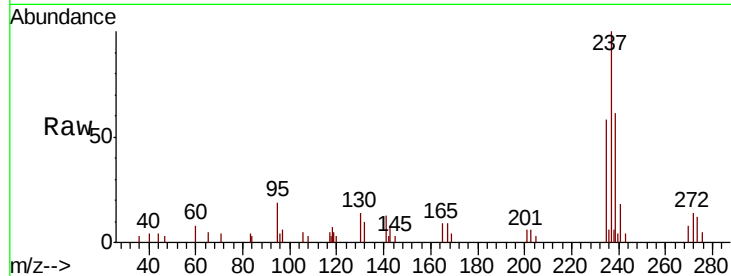
#41
Hexachlorocyclopentadiene
Concen: 4.192 ng
RT: 12.45 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

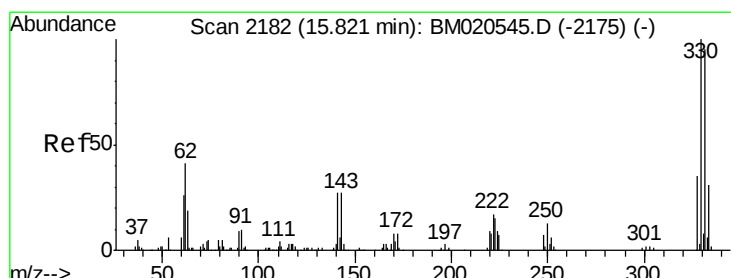
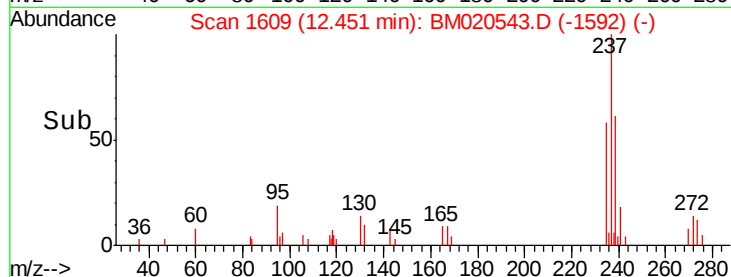
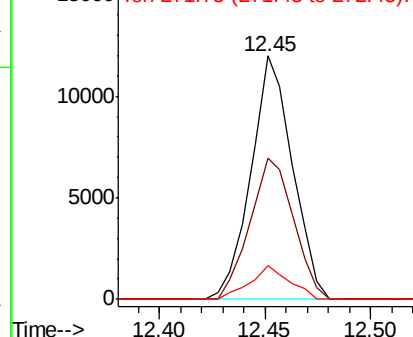
Tot Ion	Ratio	Lower	Upper
237	100		
235	58.1	43.5	83.5
272	13.7	0.0	33.9

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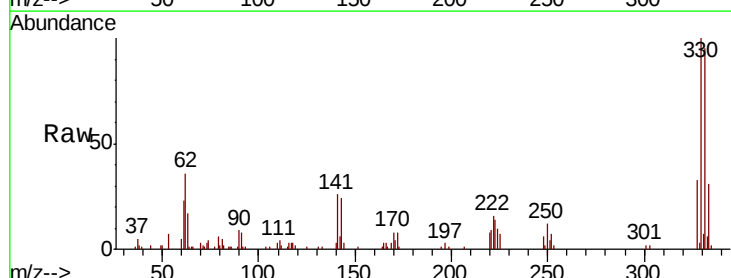


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

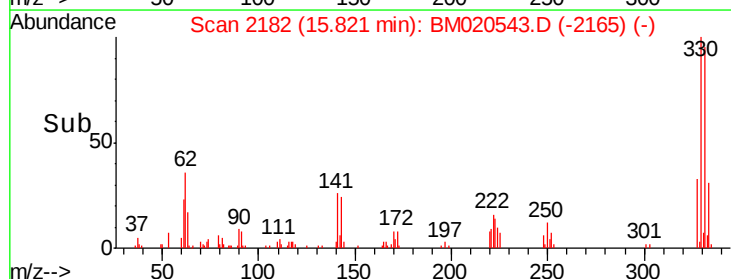
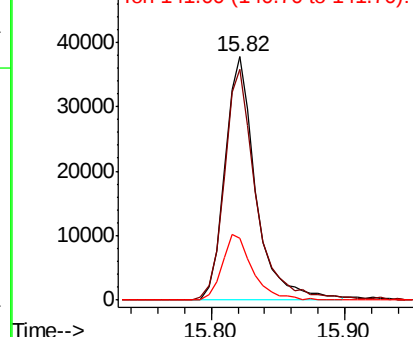


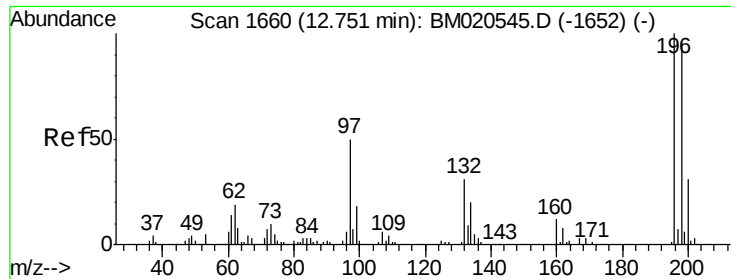
#42
2,4,6-Tribromophenol
Concen: 23.373 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	26.6	21.7	32.5



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





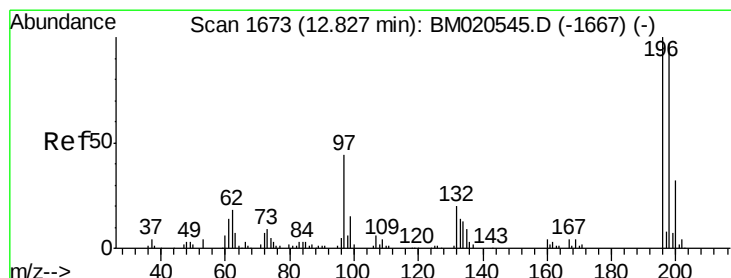
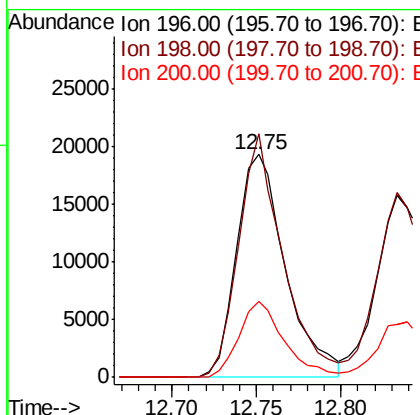
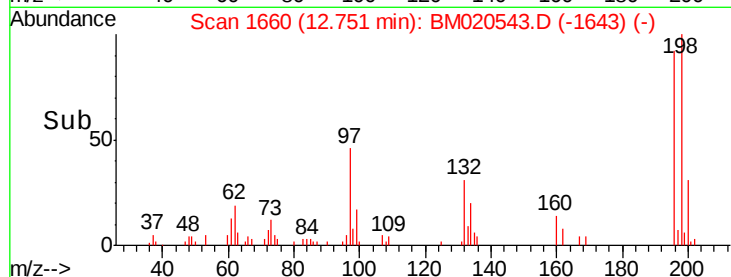
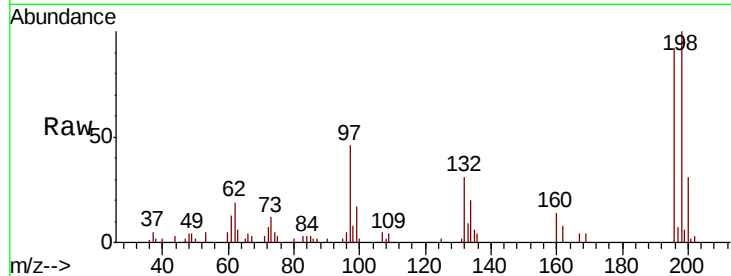
#43
 2,4,6-Trichlorophenol
 Concen: 10.360 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	38939		
198	109.2	76.4	114.6	
200	34.3	25.0	37.4	

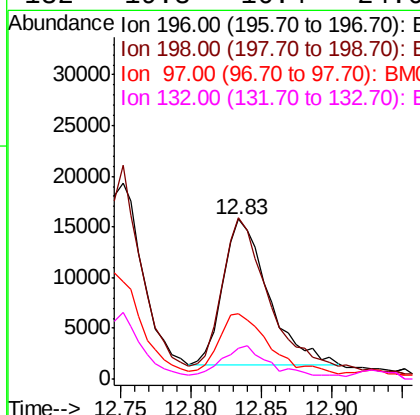
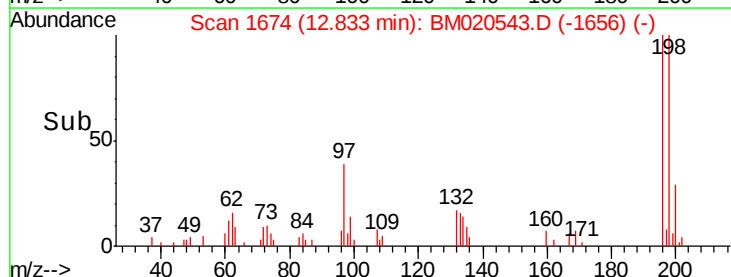
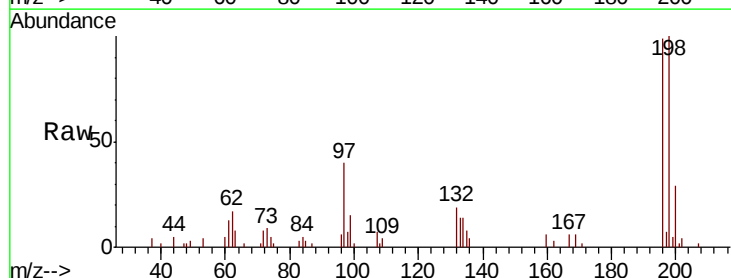
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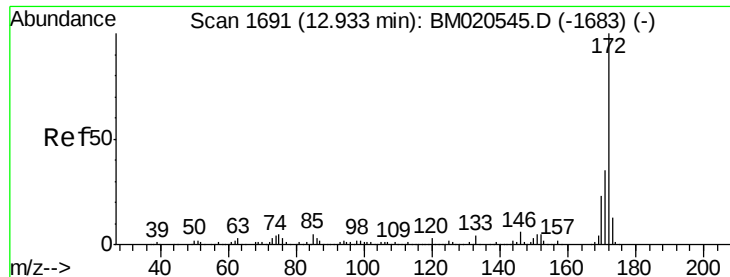
mohammad
 5/27/2019 3:59:35 AM



#44
 2,4,5-Trichlorophenol
 Concen: 7.636 ng
 RT: 12.83 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	32063		
198	101.4	77.6	116.4	
97	40.7	35.4	53.0	
132	19.3	16.4	24.6	





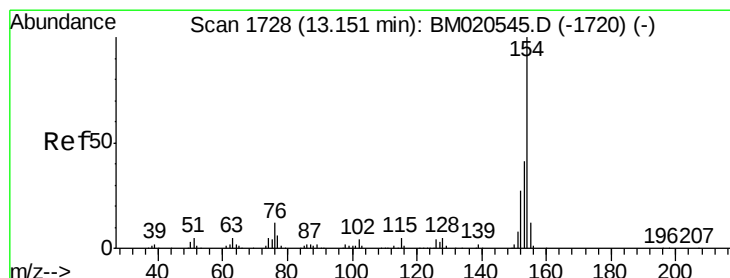
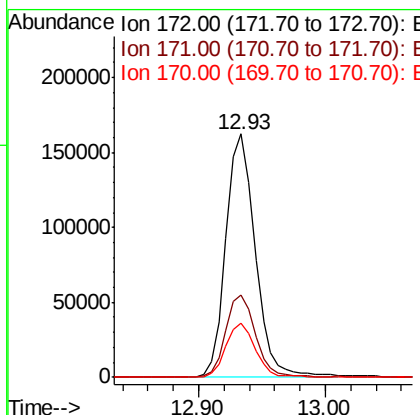
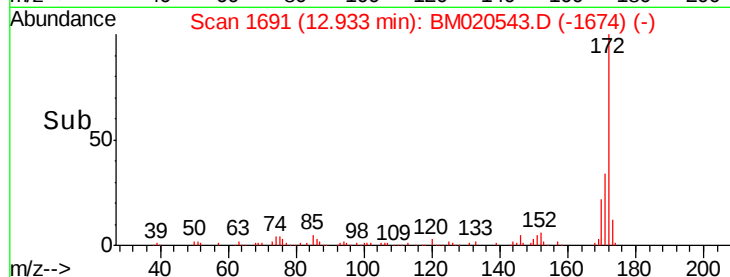
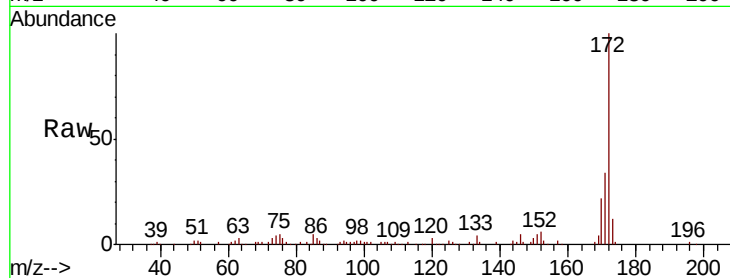
#45
2-Fluorobiphenyl
Concen: 19.062 ng
RT: 12.93 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	22.3	18.2	27.4

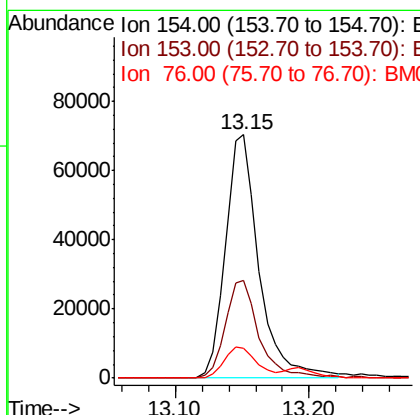
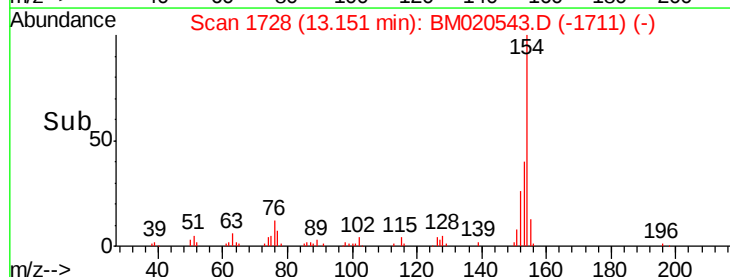
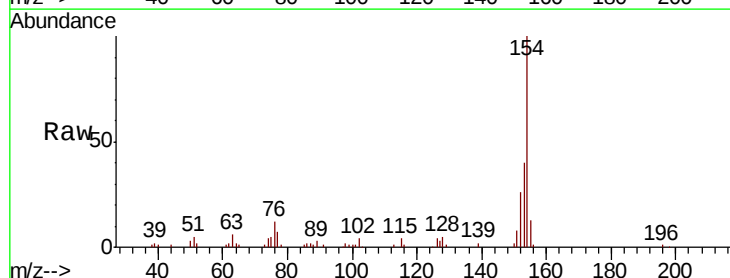
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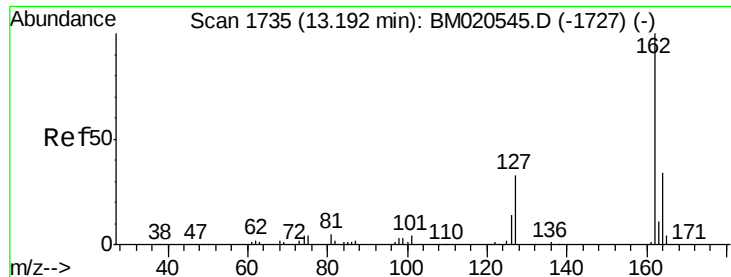
mohammad
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#46
1,1'-Biphenyl
Concen: 8.881 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	12.2	0.0	32.2





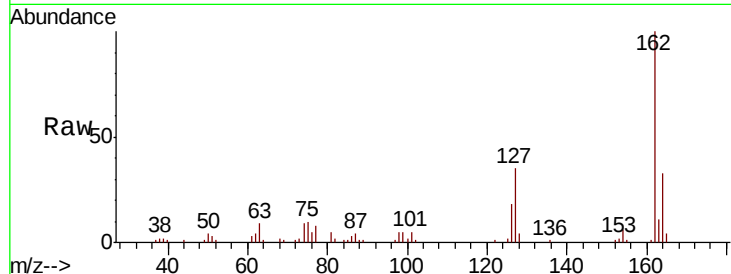
#47
2-Chloronaphthalene
Concen: 9.690 ng
RT: 13.19 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	29.2	43.8
164	33.0	27.4	41.2

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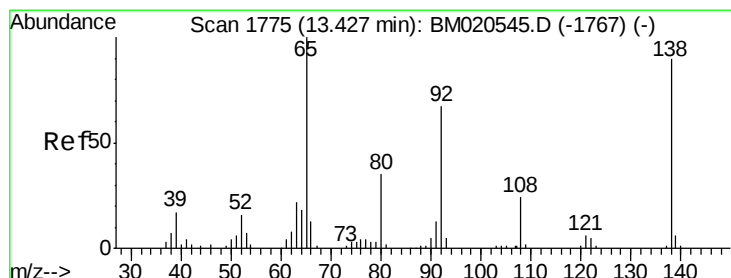
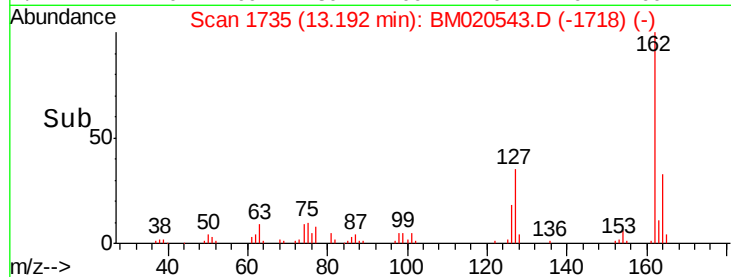
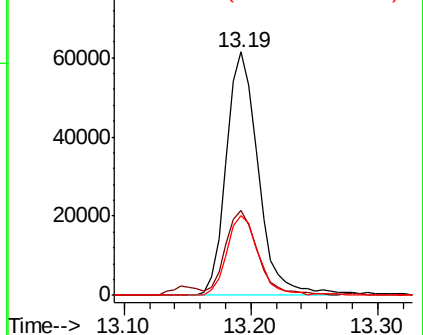


Abundance

Ion 162.00 (161.70 to 162.70): E

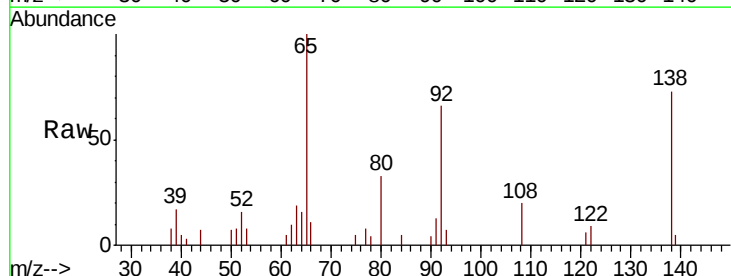
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 5.902 ng
RT: 13.43 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.6	80.4
138	72.9	72.0	108.0

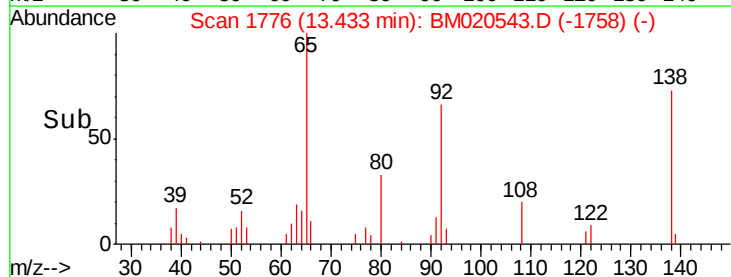
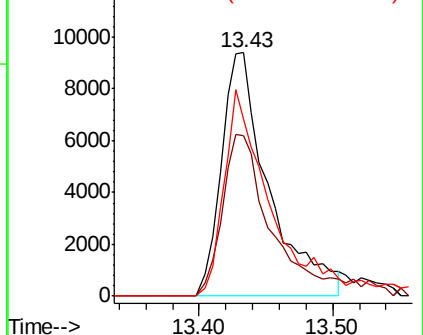


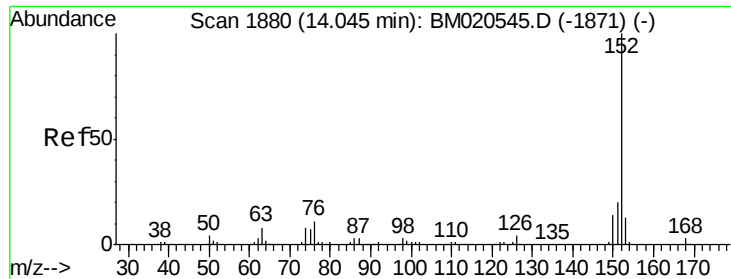
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.041 ng

RT: 14.05 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

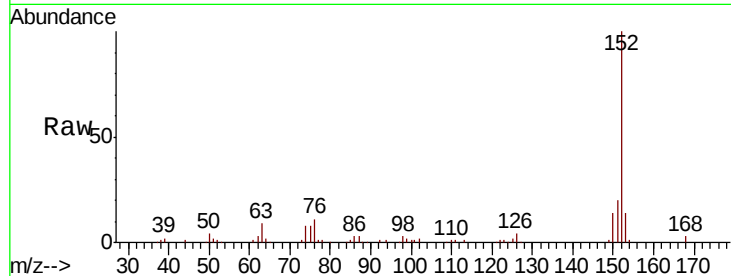
ClientSampleId :

SSTDICC010

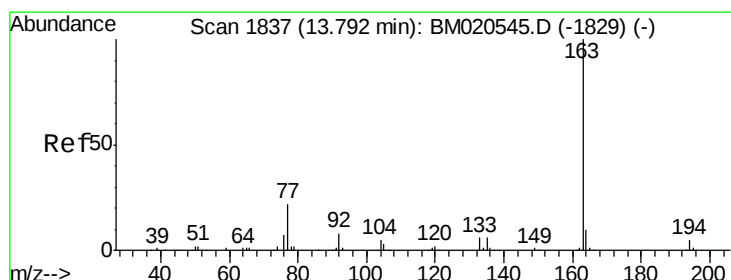
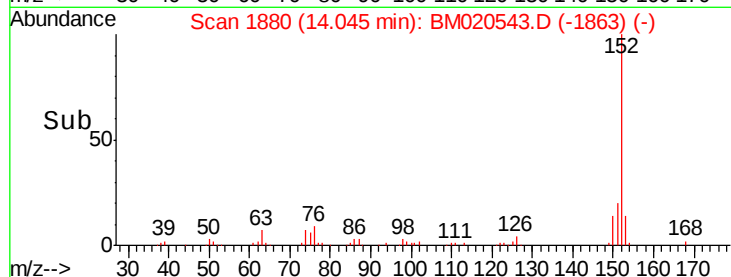
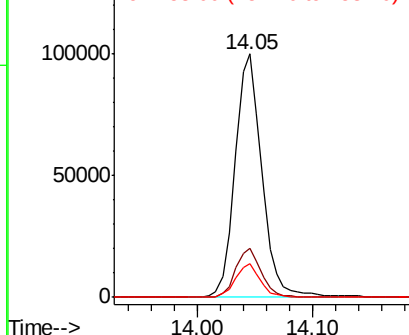
Tot Ion:	152	Resp:	160731
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.7	23.5
153	13.8	10.2	15.2

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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: 9.844 ng

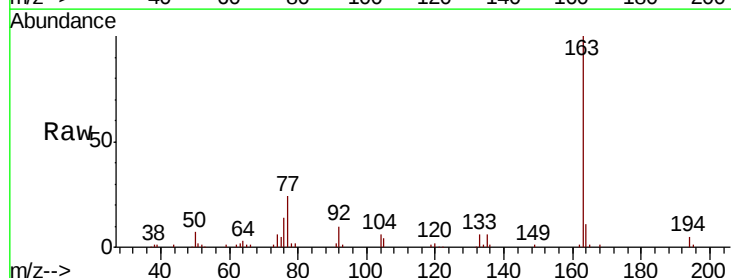
RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

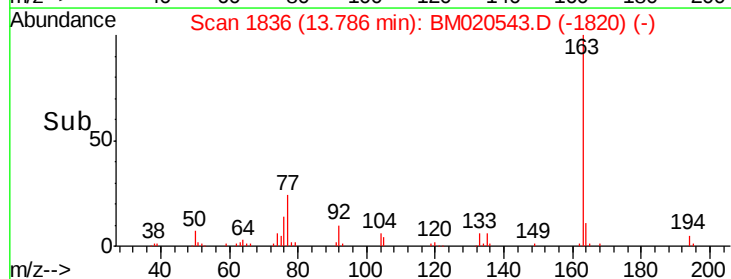
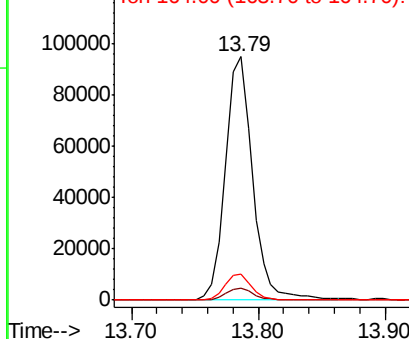
Lab File: BM020543.D

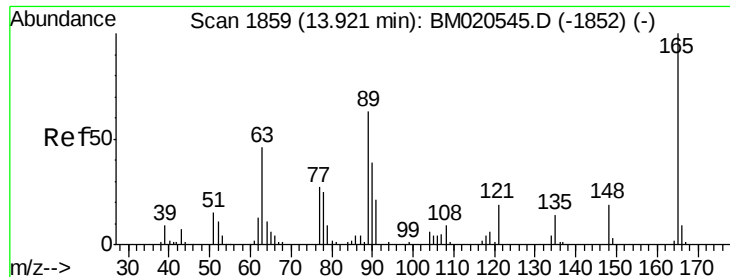
Acq: 24 May 2019 11:34

Tgt Ion:	163	Resp:	141419
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.5	8.0	12.0



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





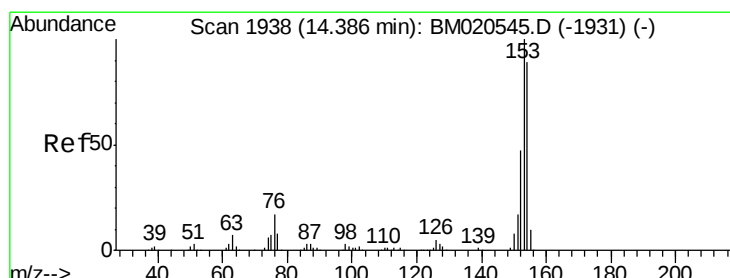
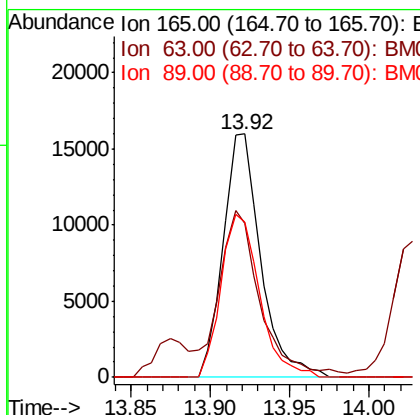
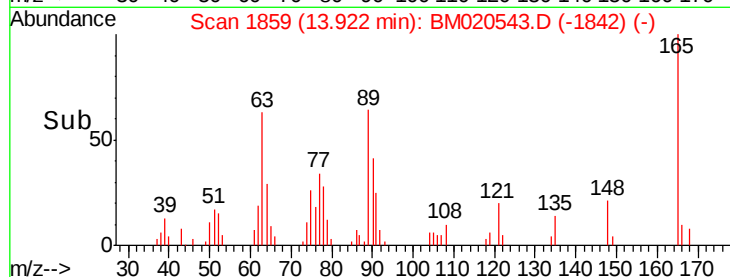
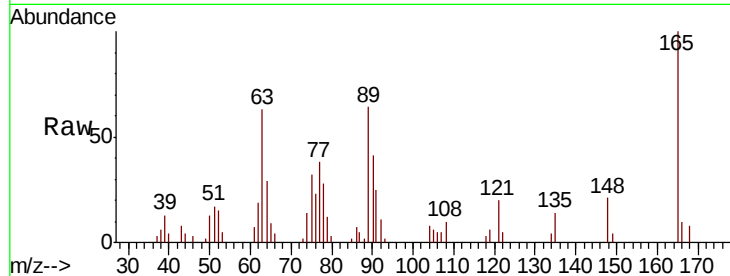
#51
 2,6-Dinitrotoluene
 Concen: 8.672 ng
 RT: 13.92 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.2	49.6	74.4
89	63.6	50.8	76.2

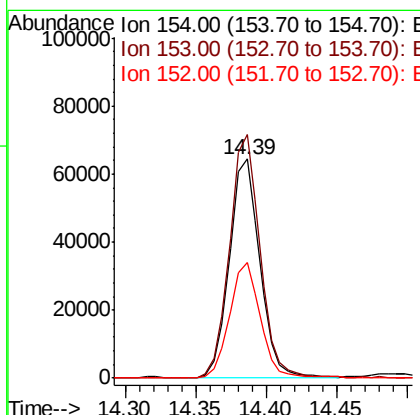
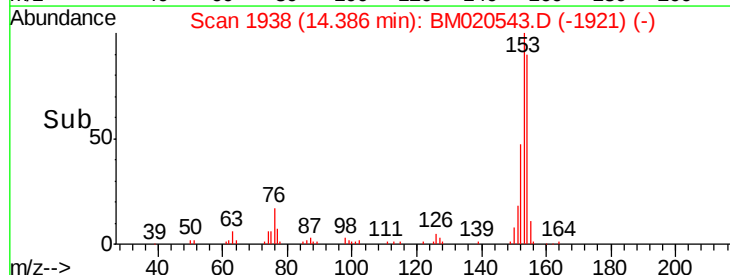
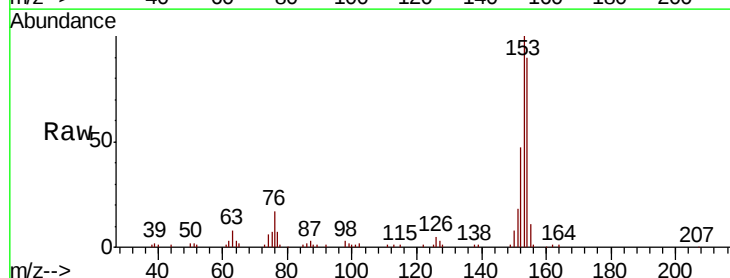
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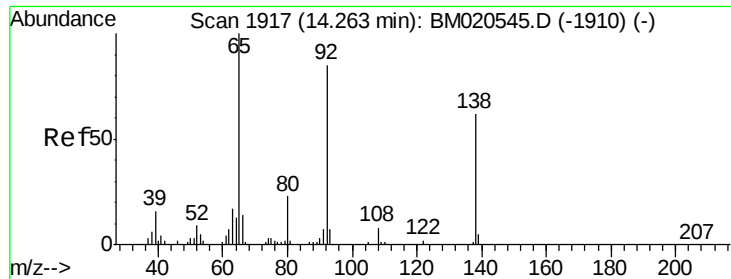
mohammad
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#52
 Acenaphthene
 Concen: 9.549 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.2	135.4
152	52.7	42.0	63.0





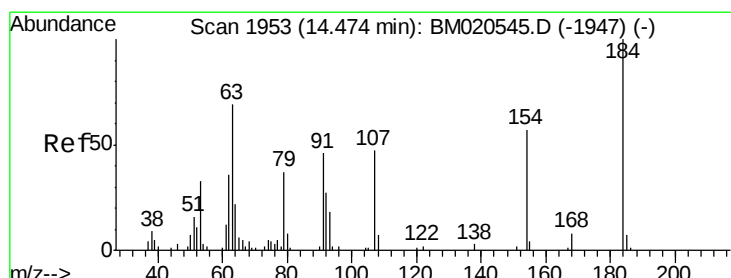
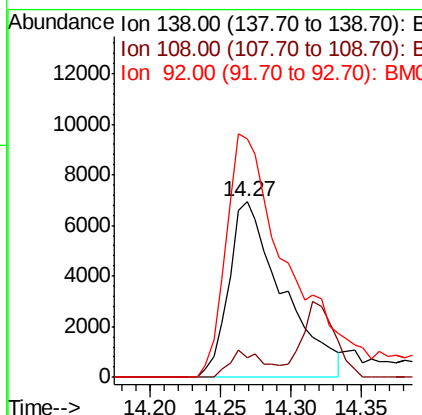
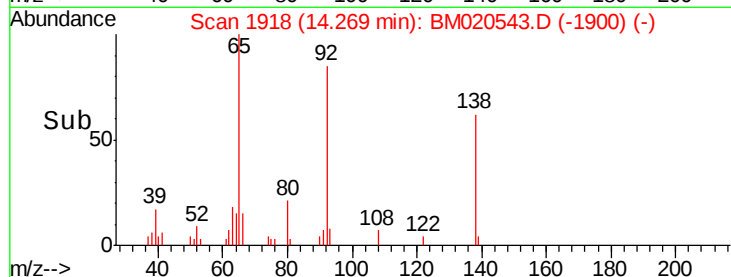
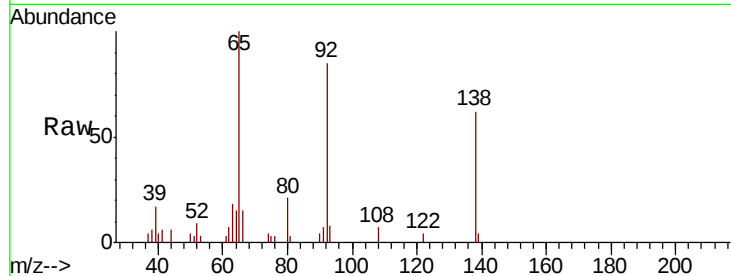
#53
3-Nitroaniline
Concen: 6.612 ng
RT: 14.27 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	10.1	15.1
92	136.4	109.5	164.3

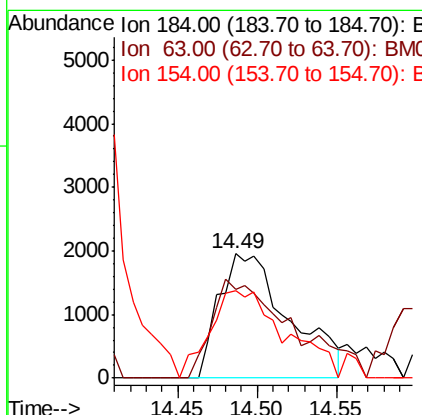
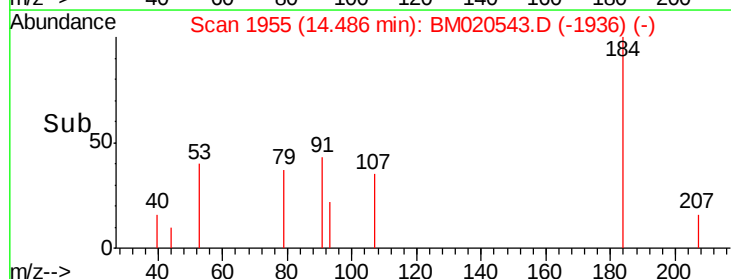
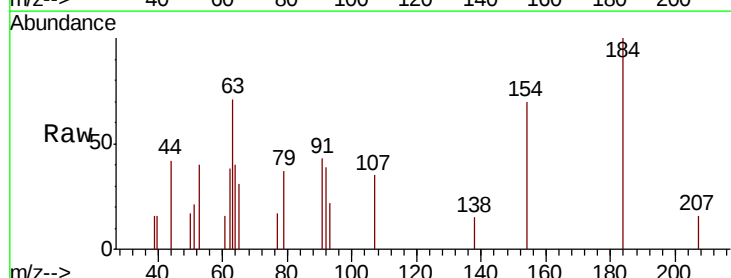
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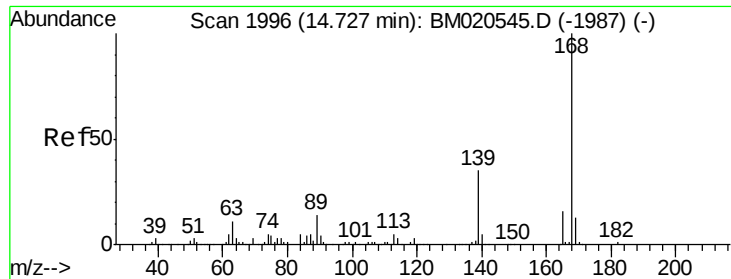
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#54
2,4-Dinitrophenol
Concen: 4.672 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.0	56.3	84.5
154	70.0	49.0	73.6





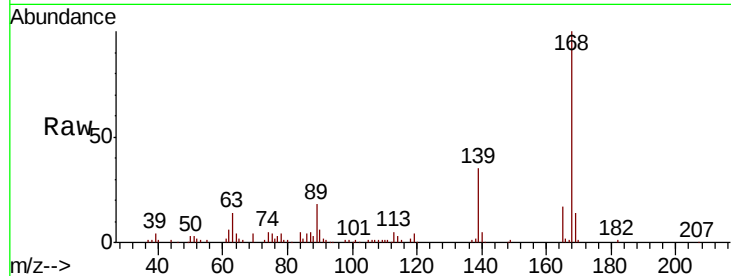
#55
Dibenzenofuran
Concen: 9.719 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampled :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	28.2	42.4
169	13.5	10.6	16.0

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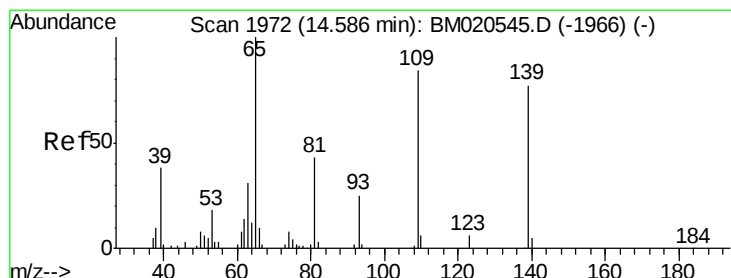
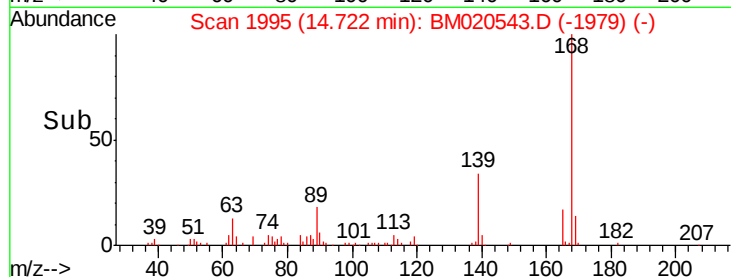
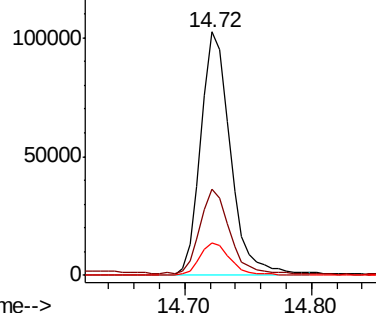


Abundance

Ion 168.00 (167.70 to 168.70): E

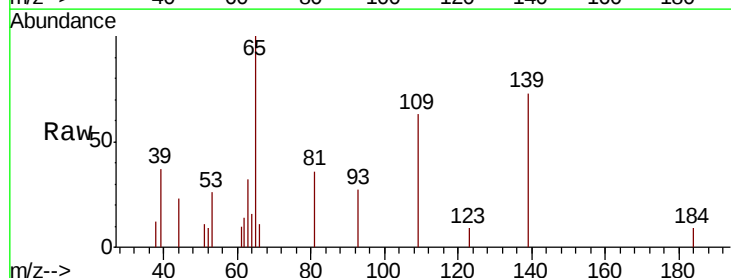
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 3.451 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.02 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.5	89.4	129.4#
65	136.6	113.3	153.3

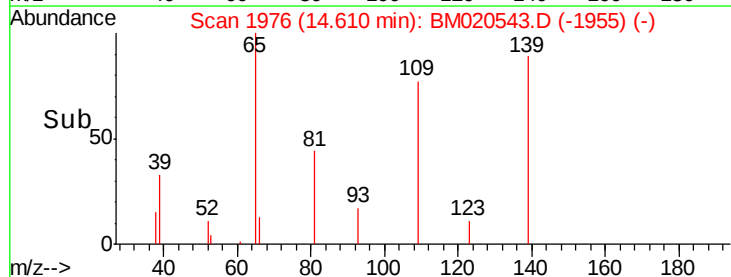
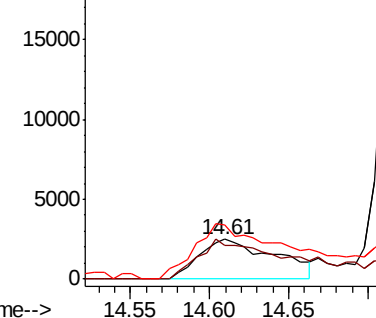


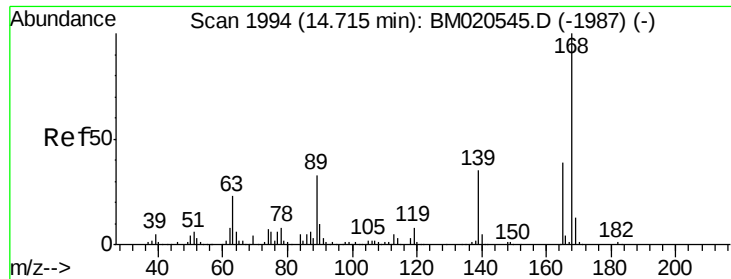
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





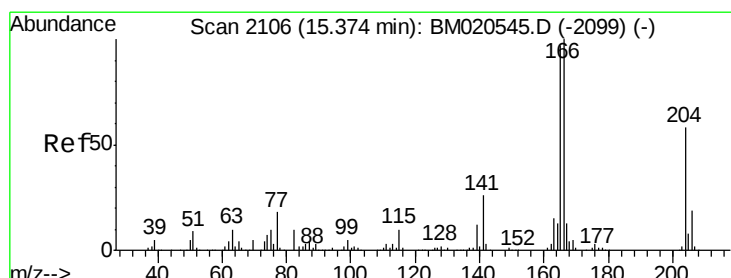
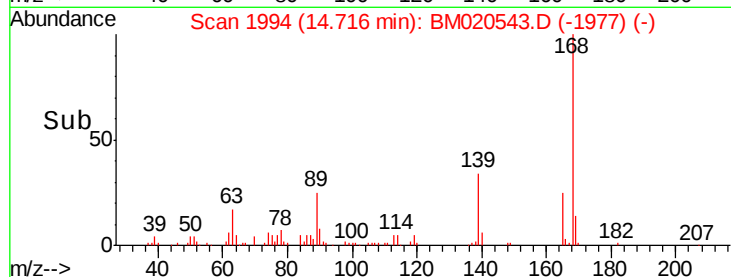
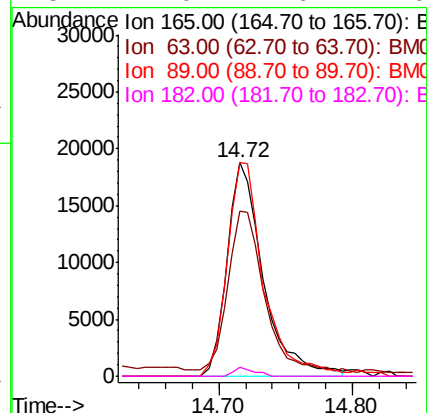
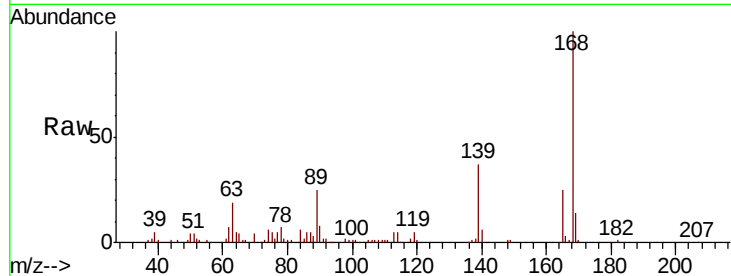
#57
2,4-Dinitrotoluene
Concen: 8.711 ng
RT: 14.72 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
165	100	35818		
63	77.3		48.7	73.1#
89	100.1		68.8	103.2
182	4.0		2.6	4.0#

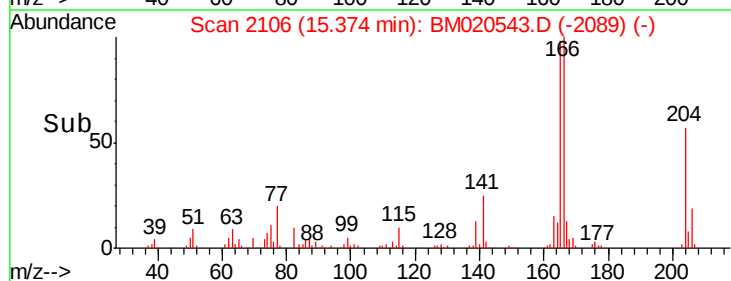
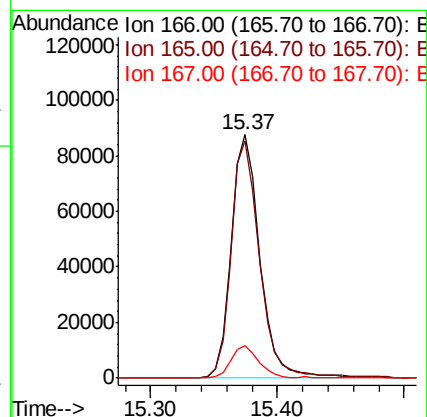
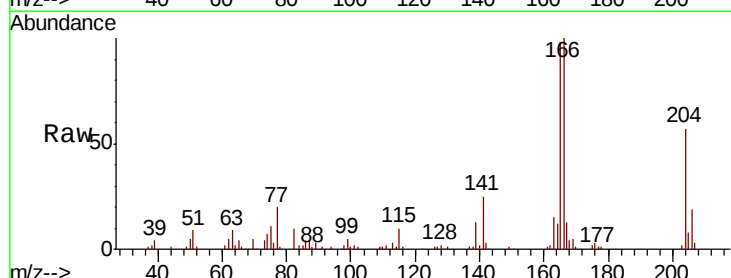
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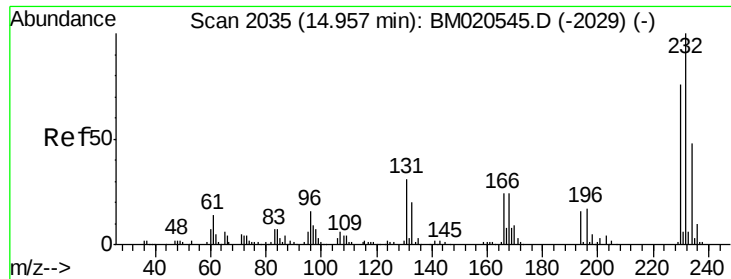
mohammad
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#58
Fluorene
Concen: 9.609 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	135705		
165	97.7		77.4	116.0
167	13.1		10.6	16.0





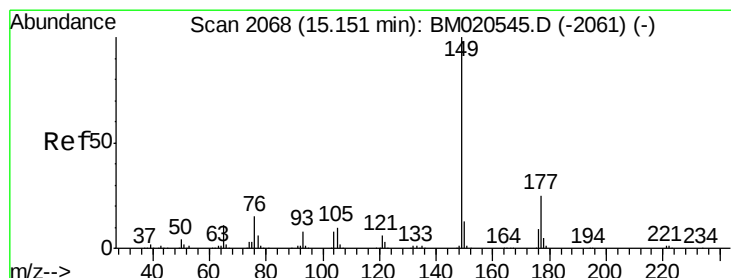
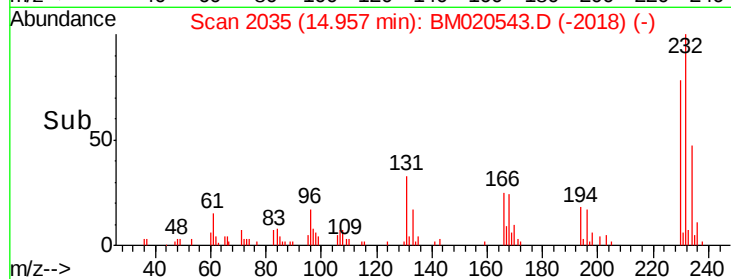
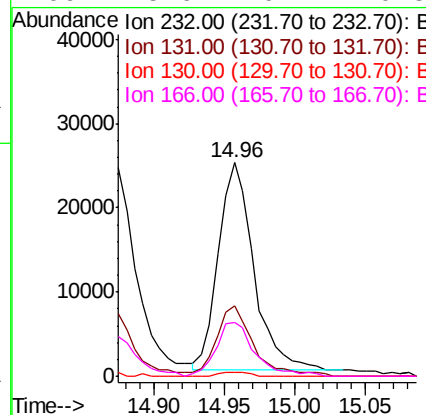
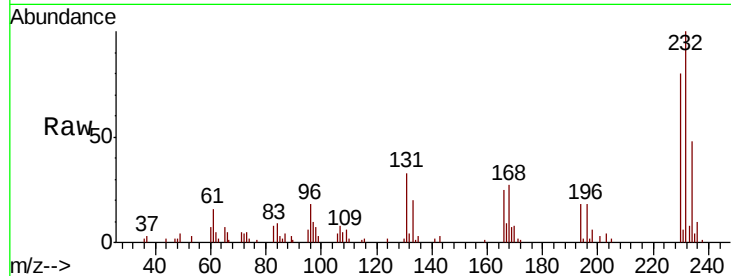
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.743 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion:	232	Resp:	42865
Ion Ratio	Lower	Upper	
232	100		
131	35.9	25.4	38.0
130	1.7	1.5	2.3
166	28.6	19.7	29.5

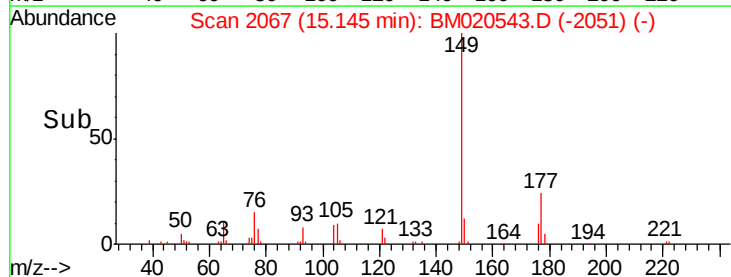
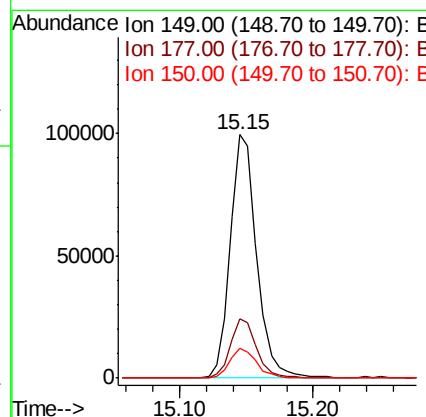
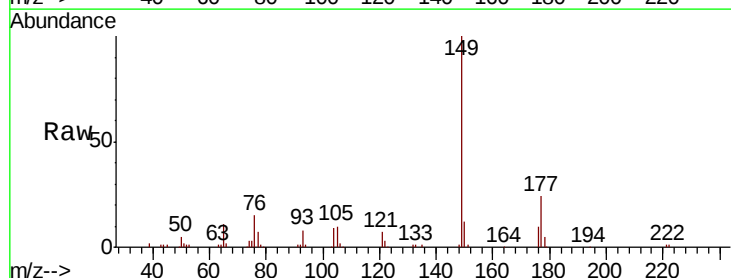
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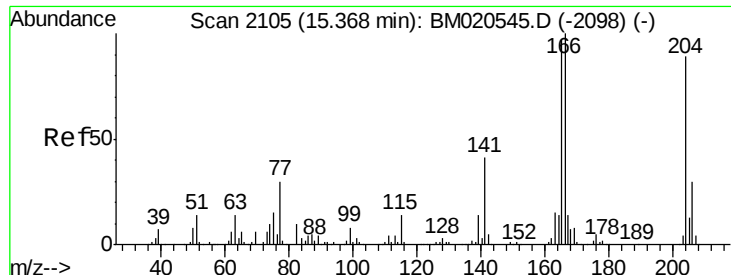
mohammad
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#60
 Diethylphthalate
 Concen: 9.593 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion:	149	Resp:	138858
Ion Ratio	Lower	Upper	
149	100		
177	24.4	19.8	29.8
150	12.5	10.2	15.2





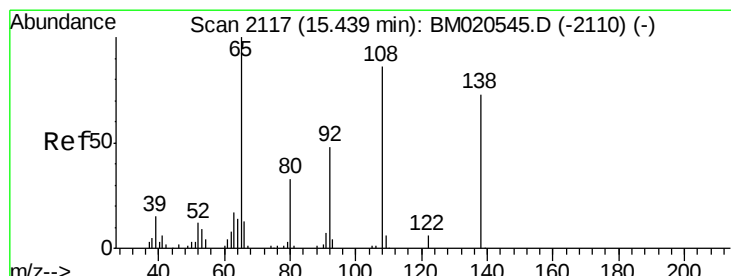
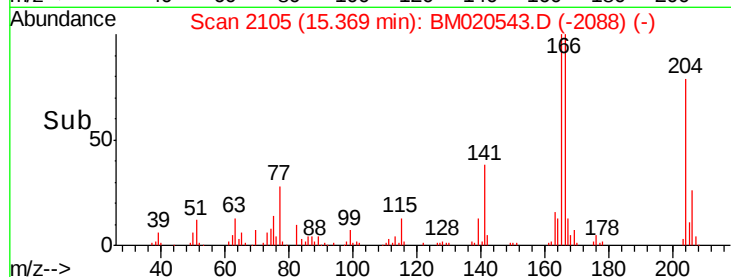
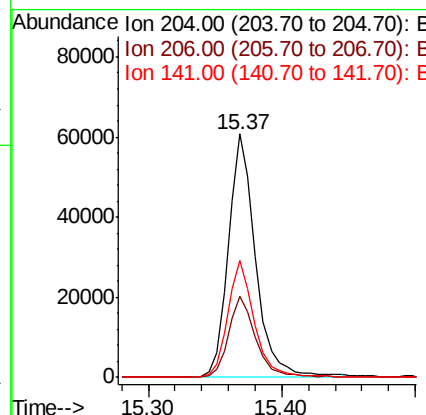
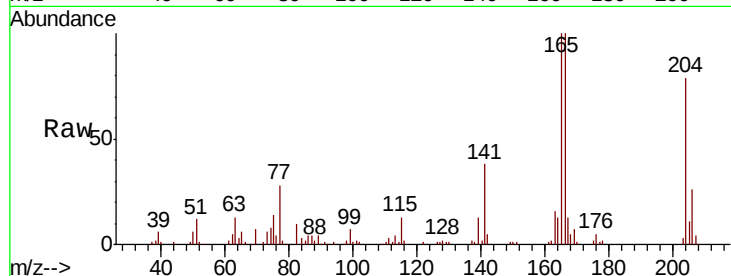
#61
 4-Chlorophenyl-phenylether
 Concen: 10.896 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion:	204	Resp:	87190
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	40.0
141	48.1	36.9	55.3

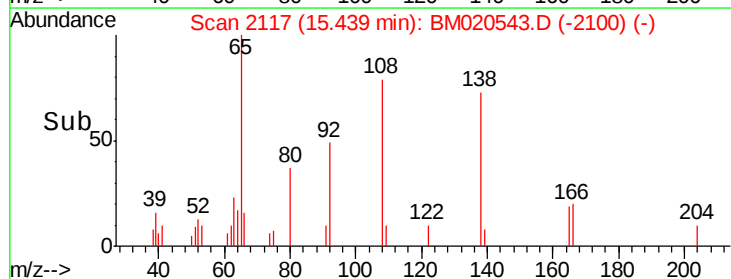
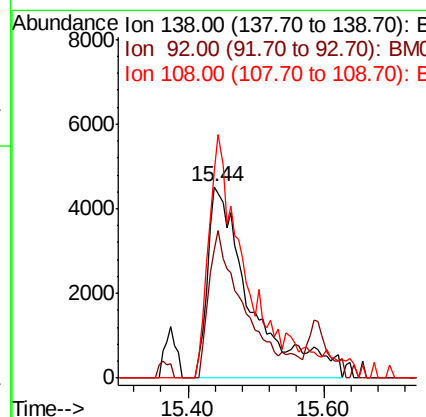
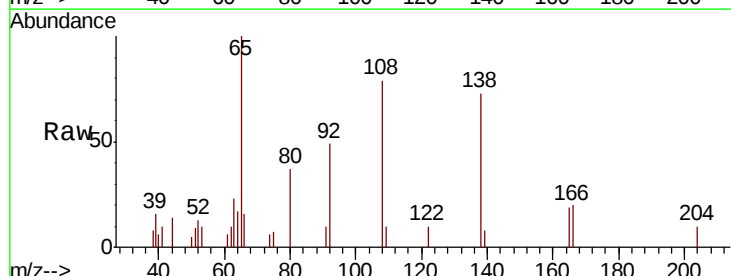
Manual Integrations
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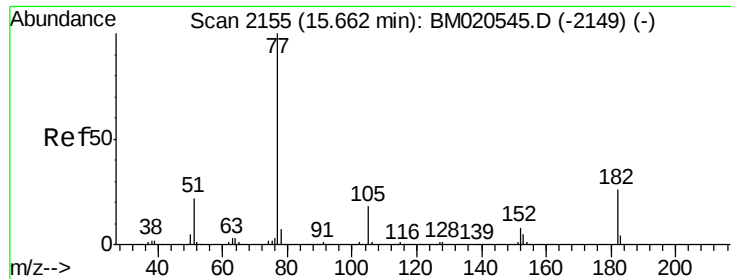
mohammad
 5/27/2019 3:59:35 AM



#62
 4-Nitroaniline
 Concen: 6.451 ng m
 RT: 15.44 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion:	138	Resp:	19995
Ion Ratio	Lower	Upper	
138	100		
92	67.2	44.5	84.5
108	107.9	95.9	135.9





#63

Azobenzene

Concen: 7.758 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

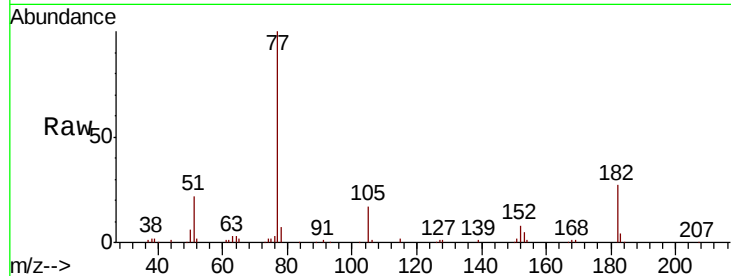
ClientSampleId :

SSTDICC010

Tot Ion:	77	Resp:	132472
Ion Ratio	Lower	Upper	
77	100		
182	27.1	5.7	45.7
105	17.3	0.0	37.6
51	22.3	1.7	41.7

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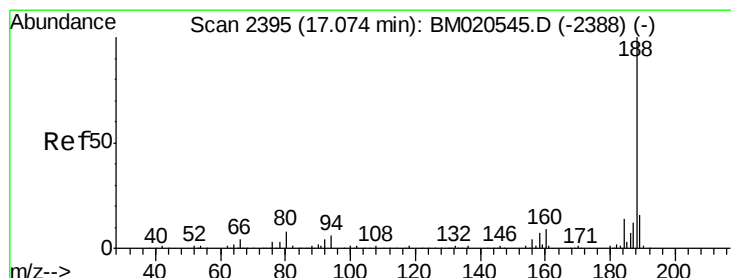
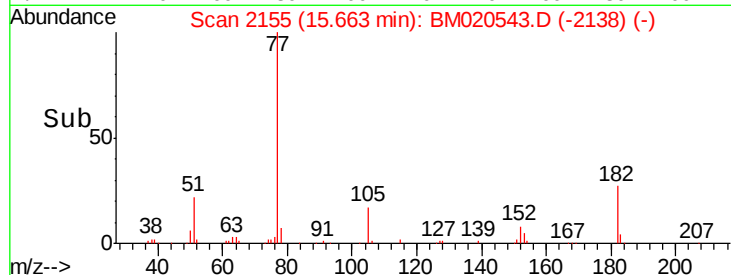
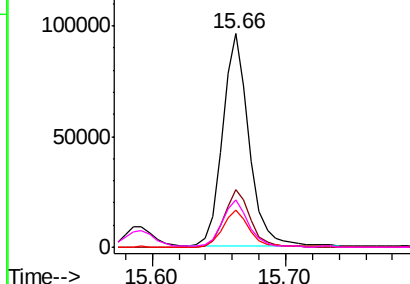


Abundance Ion 77.00 (76.70 to 77.70): BM020543.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020543.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020543.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020543.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

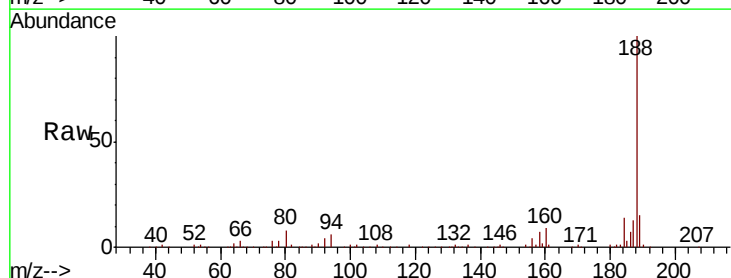
RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

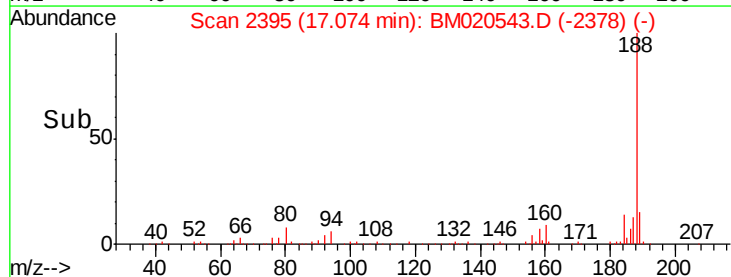
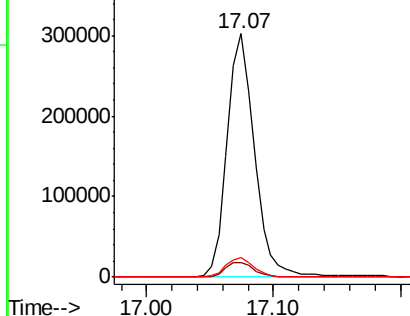
Tgt Ion:	188	Resp:	455155
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.0	7.4
80	7.8	6.5	9.7

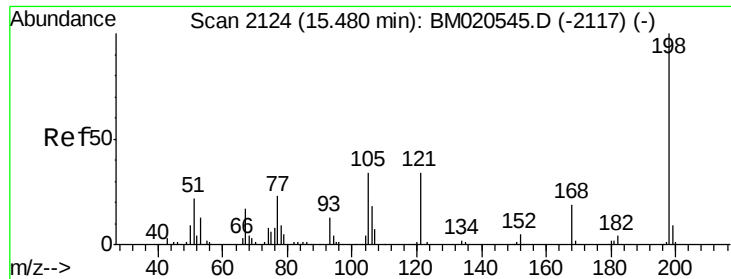


Abundance Ion 188.00 (187.70 to 188.70): BM020543.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM020543.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM020543.D (-2378) (-)





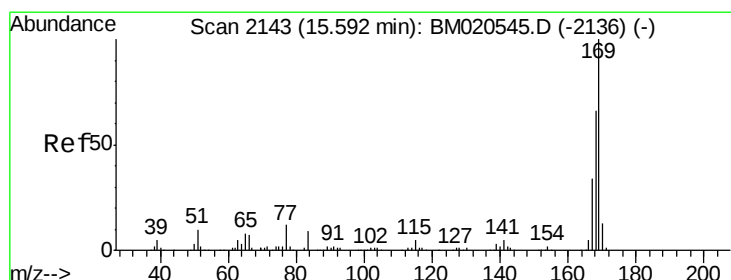
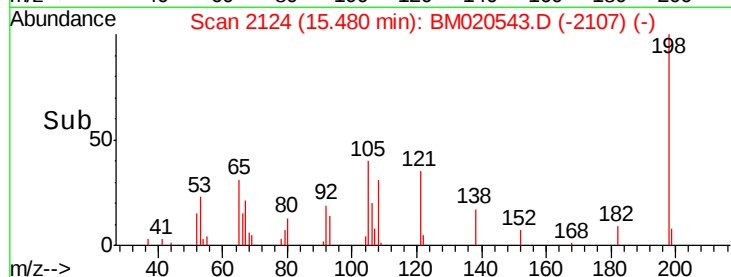
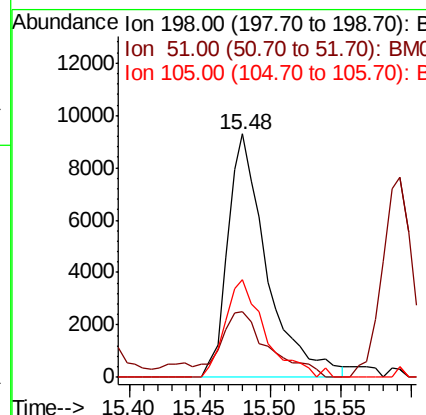
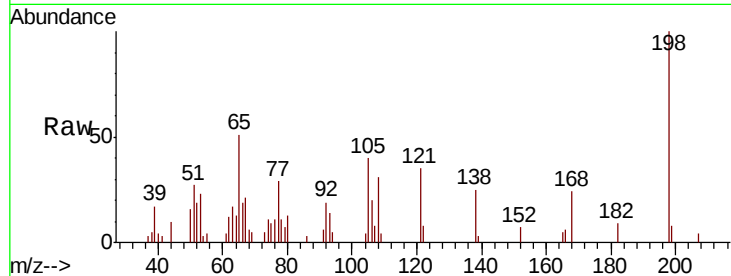
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.409 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
198	100	17961		
51	27.1		6.4	46.4
105	39.9		15.1	55.1

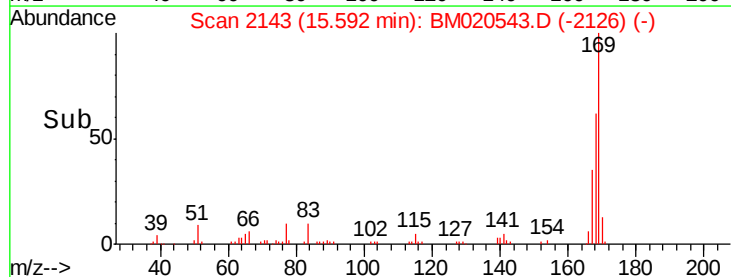
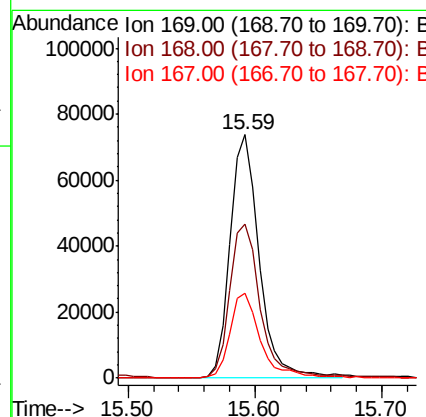
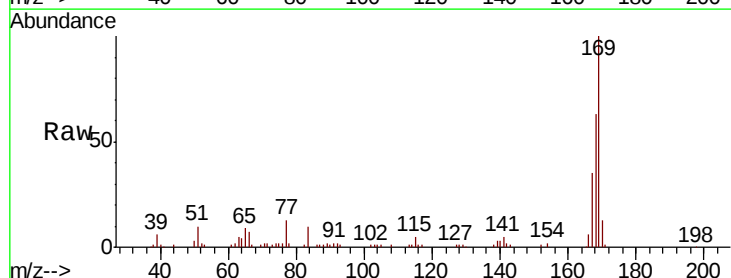
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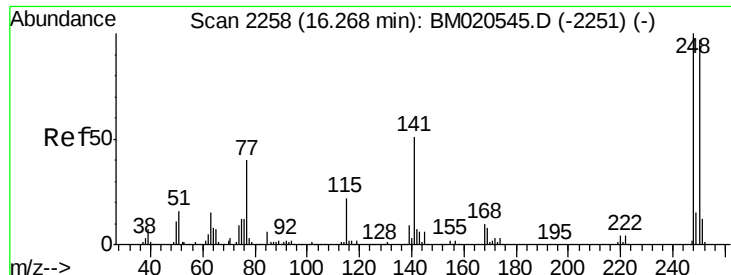
mohammad
 5/27/2019 3:59:35 AM



#66
 n-Nitrosodiphenylamine
 Concen: 8.768 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	117425		
168	63.3		52.5	78.7
167	35.0		27.5	41.3





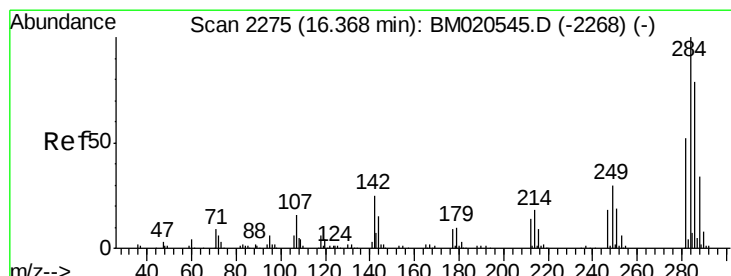
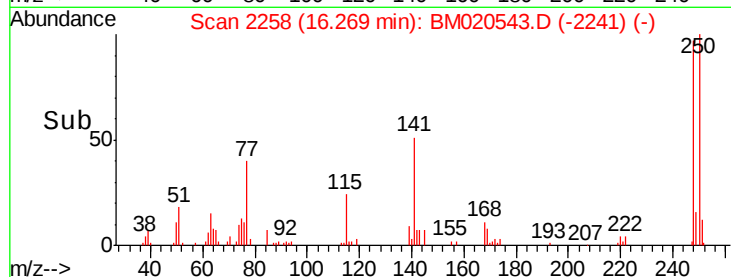
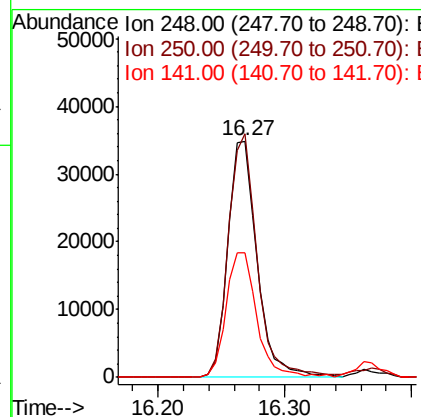
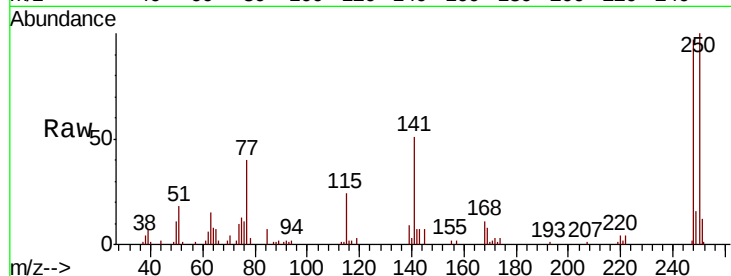
#67
 4-Bromophenyl-phenylether
 Concen: 9.979 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion:	248	Resp:	55695
Ion Ratio	Lower	Upper	
248	100		
250	103.1	77.8	116.6
141	53.0	41.0	61.6

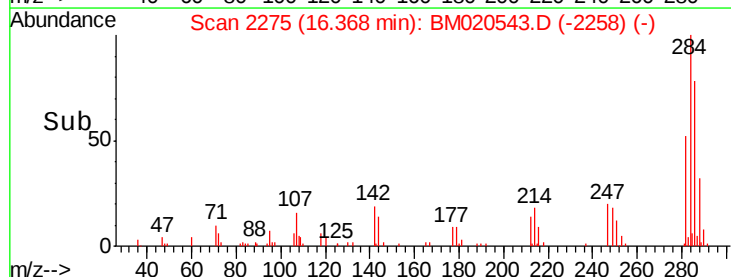
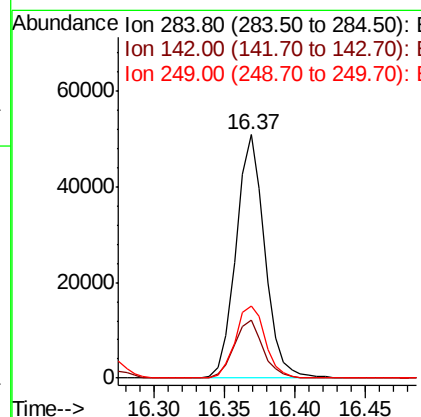
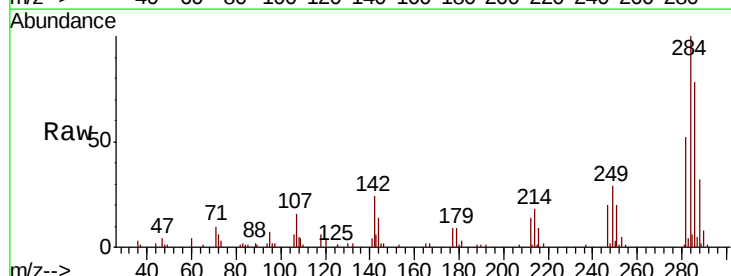
Manual Integrations
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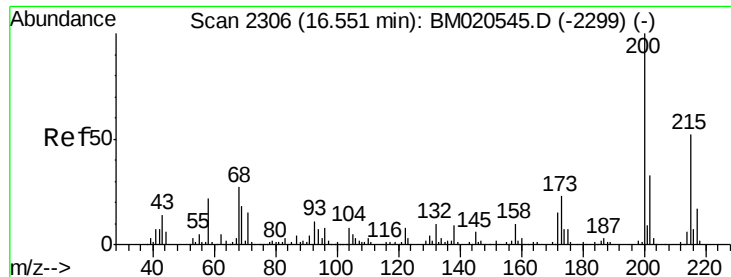
mohammad
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#68
 Hexachlorobenzene
 Concen: 11.220 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion:	284	Resp:	72065
Ion Ratio	Lower	Upper	
284	100		
142	23.8	20.2	30.2
249	29.4	23.9	35.9





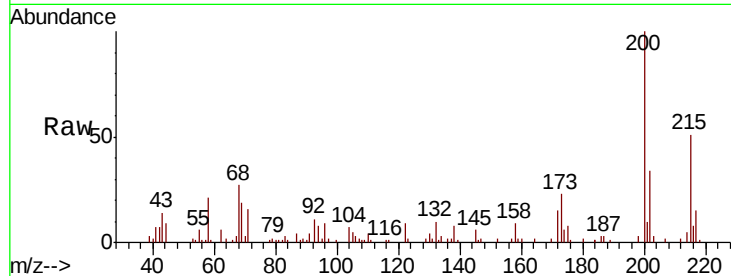
#69
Atrazine
Concen: 9.587 ng
RT: 16.54 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
200	100	50180		
173	23.4		3.2	43.2
215	51.3		31.7	71.7

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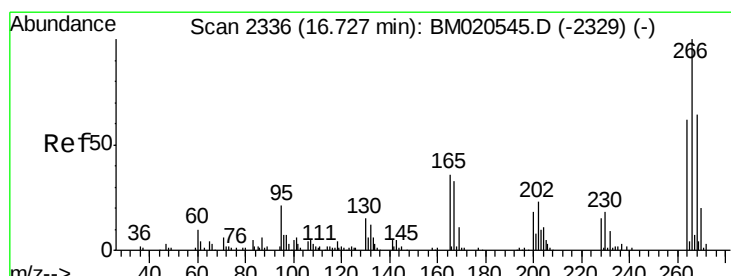
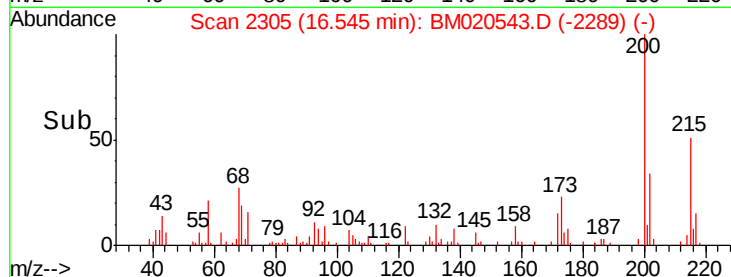
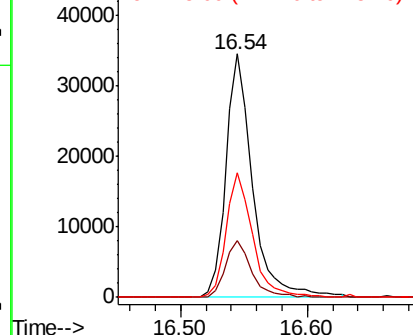


Abundance

Ion 200.00 (199.70 to 200.70): E

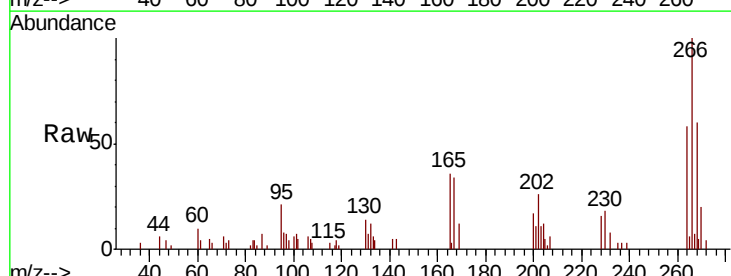
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 8.363 ng
RT: 16.73 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	30734		
268	60.4		51.0	76.4
264	58.0		49.8	74.8

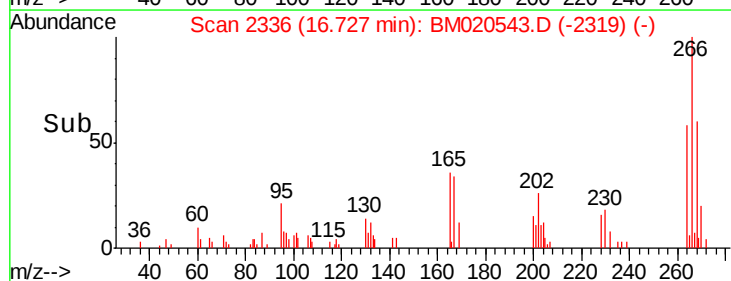
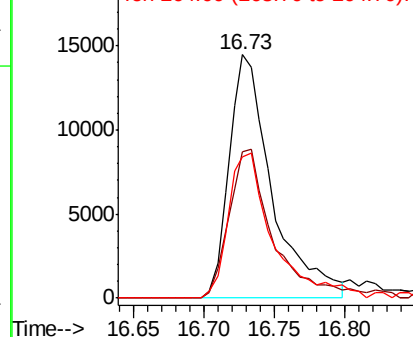


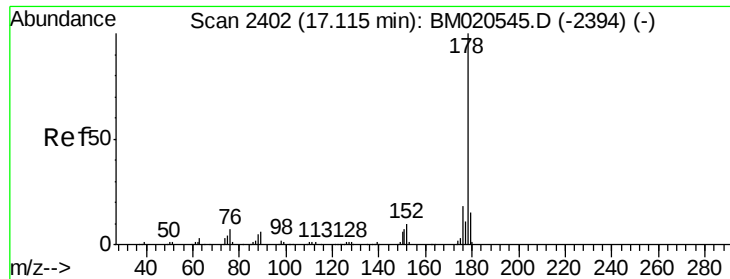
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 9.466 ng

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

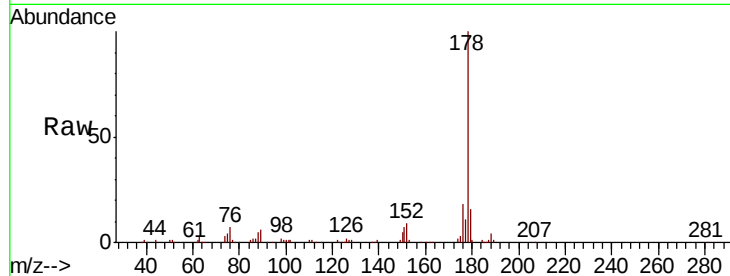
ClientSampleId :

SSTDIC010

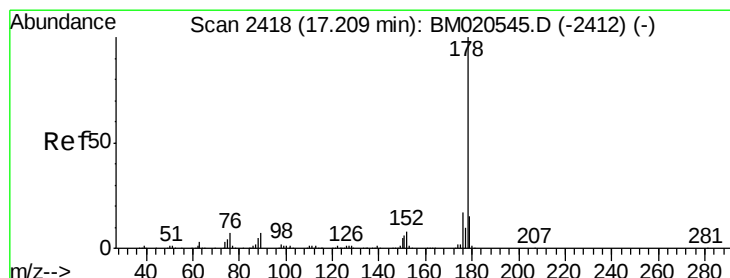
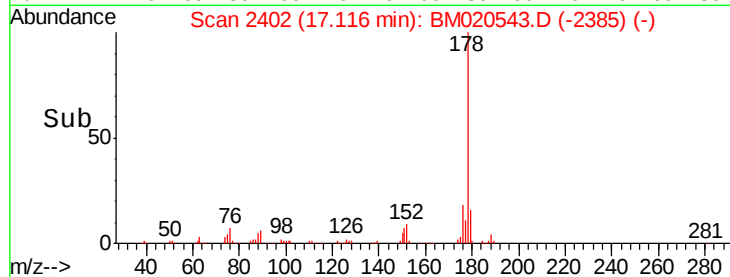
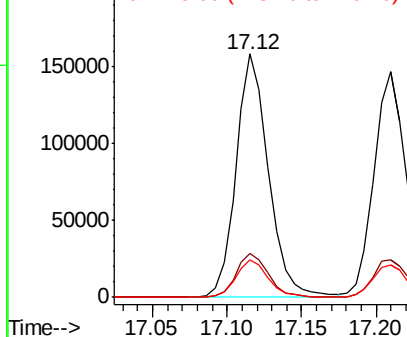
Tot Ion:178	Resp:	237840
Ion Ratio	Lower	Upper
178	100	
176	18.0	14.7 22.1
179	15.7	12.2 18.2

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



#72

Anthracene

Concen: 8.890 ng

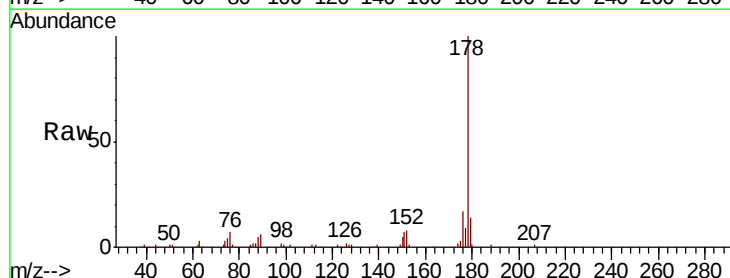
RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

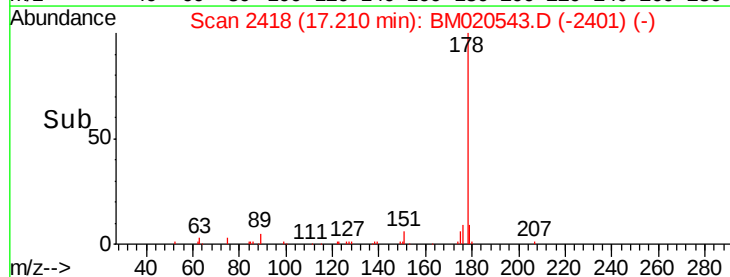
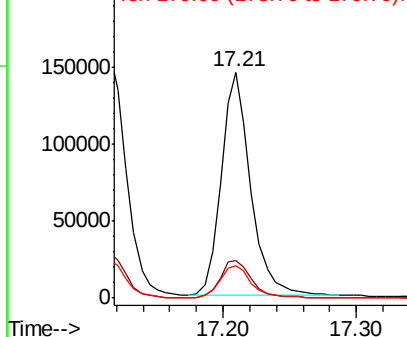
Lab File: BM020543.D

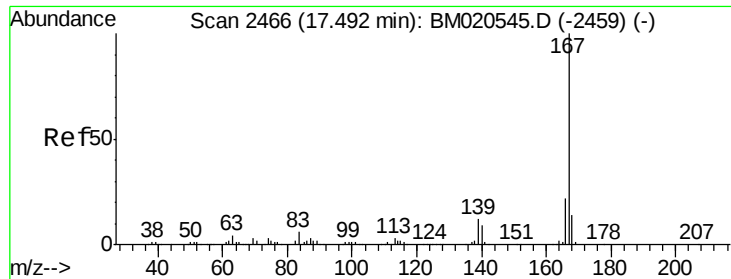
Acq: 24 May 2019 11:34

Tgt Ion:178	Resp:	223310
Ion Ratio	Lower	Upper
178	100	
176	16.8	14.0 21.0
179	14.3	12.4 18.6



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





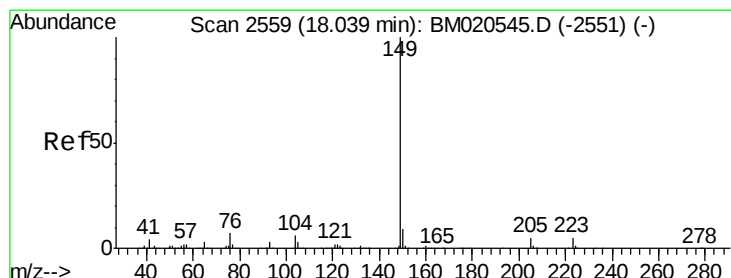
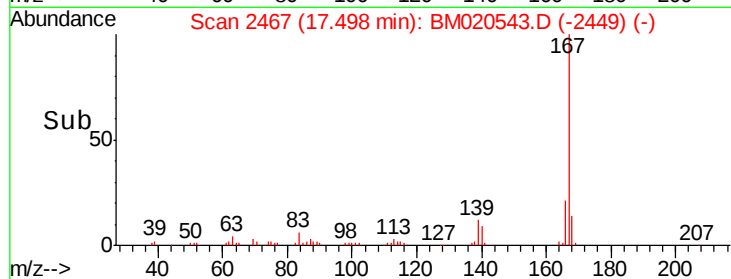
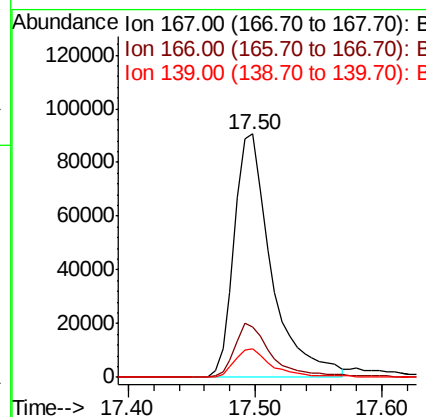
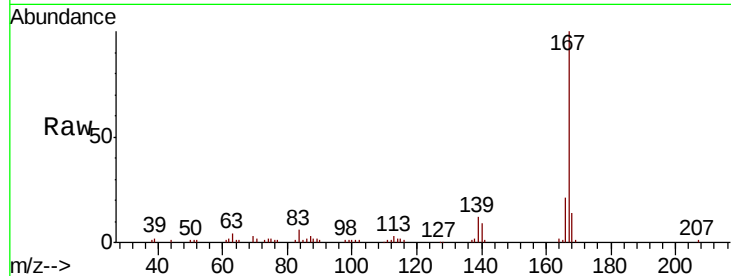
#73
 Carbazole
 Concen: 8.146 ng
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.4	26.0
139	11.9	9.3	13.9

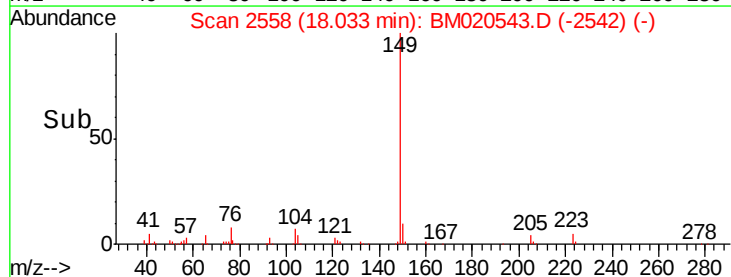
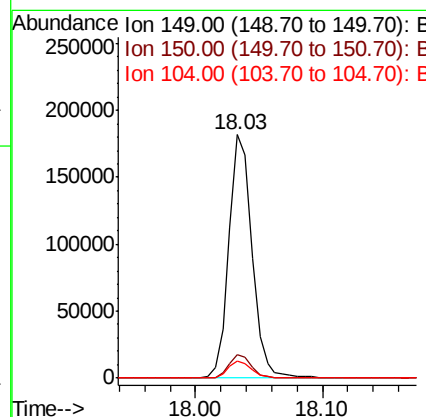
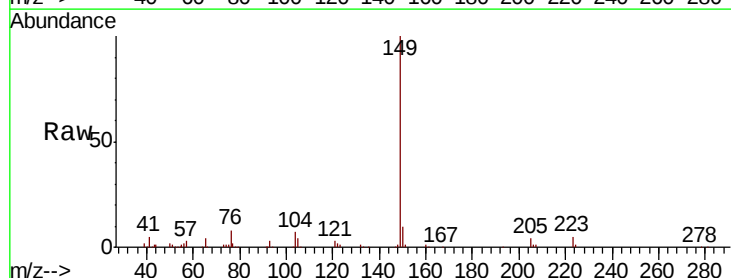
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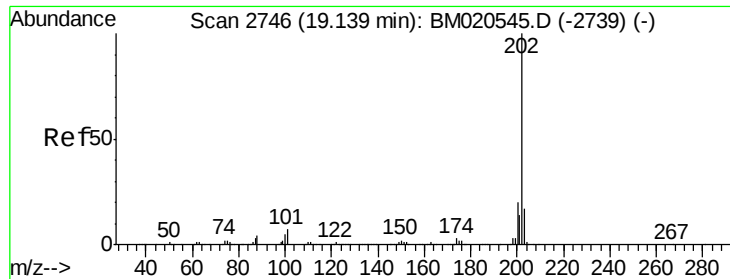
mohammad
 5/27/2019 3:59:35 AM



#74
 Di-n-butylphthalate
 Concen: 8.425 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 10.133 ng

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

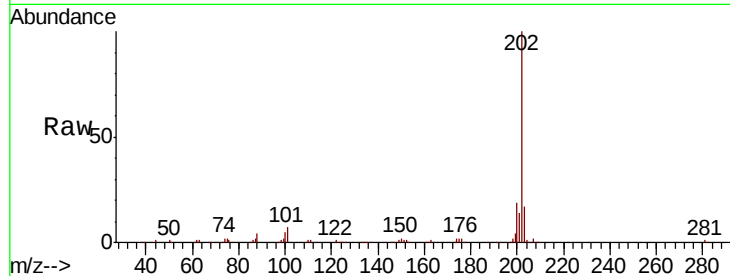
ClientSampleId :

SSTDICC010

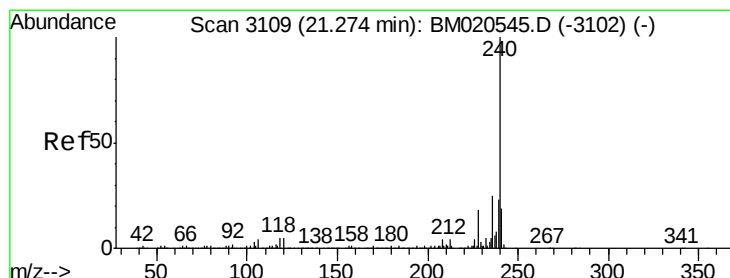
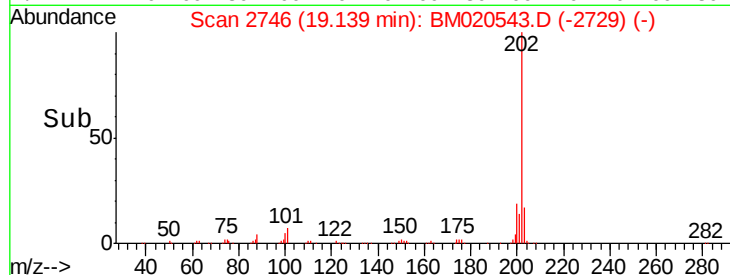
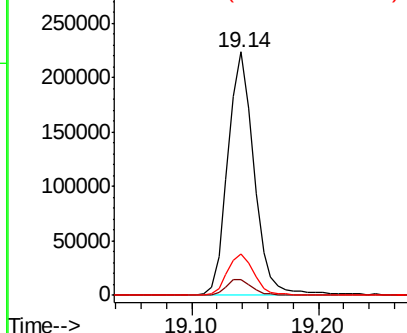
Tot Ion:	202	Resp:	322113
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.7
203	16.8	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

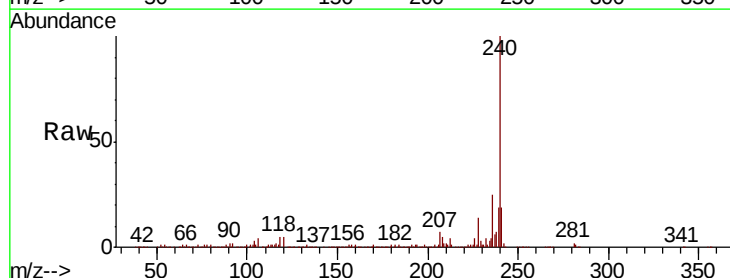
RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

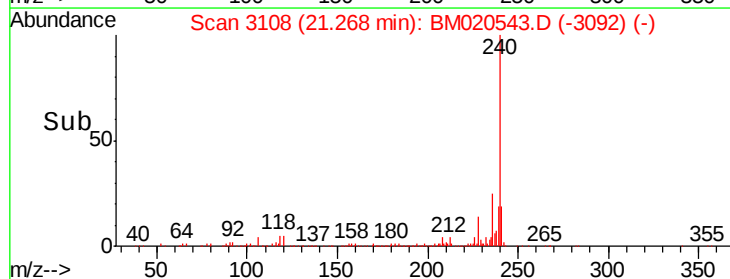
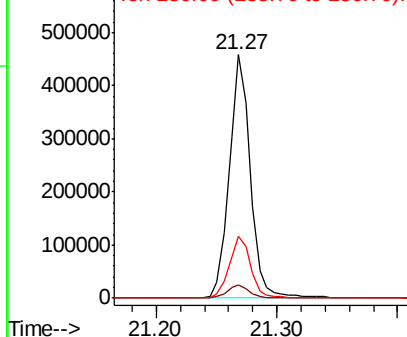
Lab File: BM020543.D

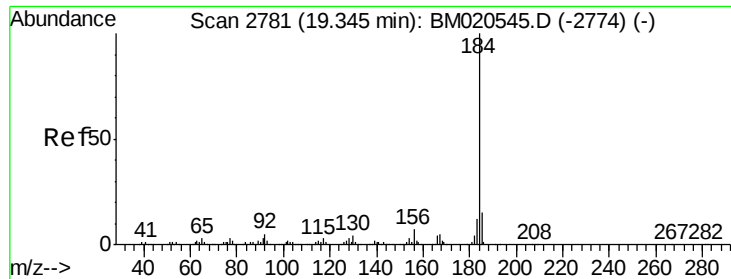
Acq: 24 May 2019 11:34

Tgt Ion:	240	Resp:	555628
Ion Ratio	Lower	Upper	
240	100		
120	5.2	4.1	6.1
236	25.2	20.2	30.4



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





#77

Benzidine

Concen: 4.828 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

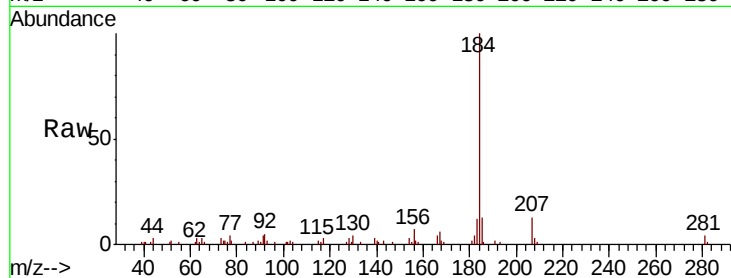
ClientSampleId :

SSTDIC010

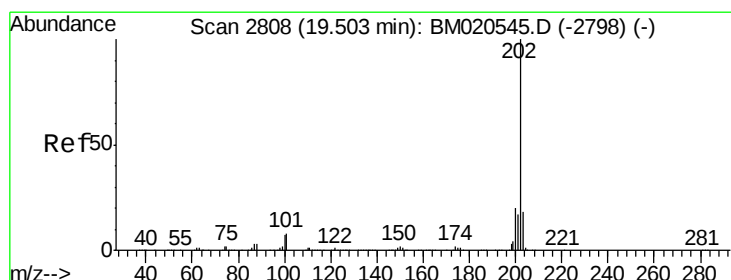
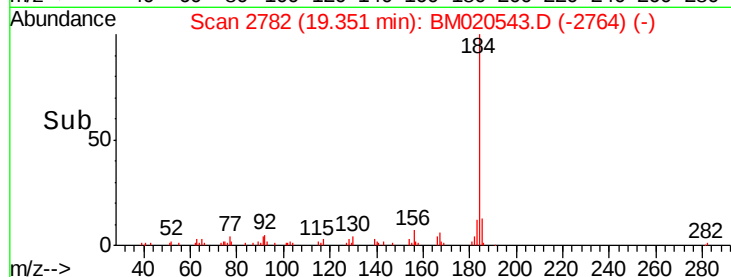
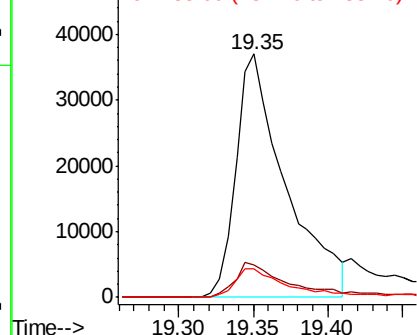
Tot Ion:	184	Resp:	85755
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.8	17.8
183	11.6	9.7	14.5

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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: 9.047 ng

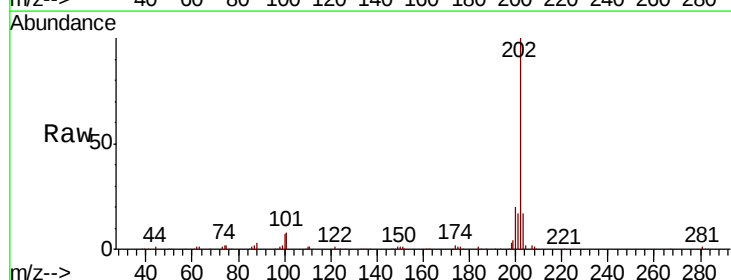
RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

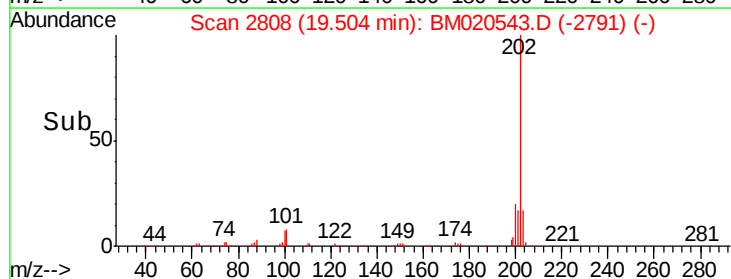
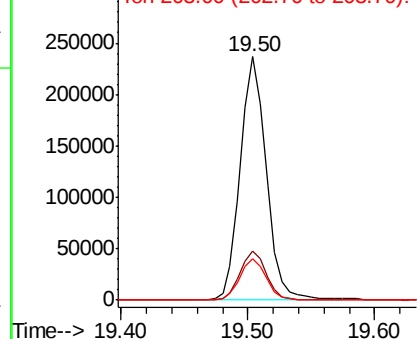
Lab File: BM020543.D

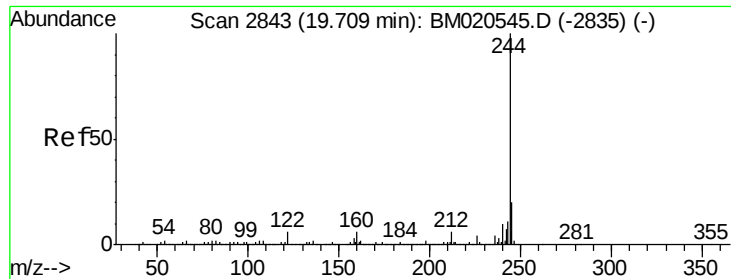
Acq: 24 May 2019 11:34

Tgt Ion:	202	Resp:	337484
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.0	24.0
203	17.1	14.1	21.1



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





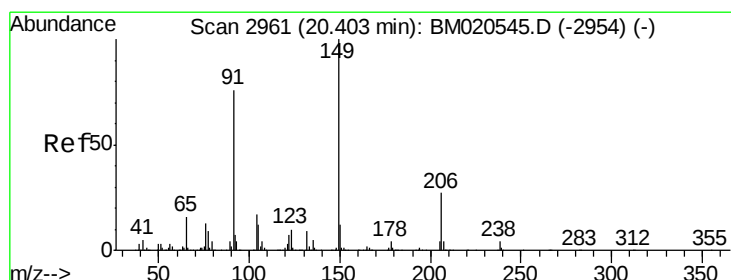
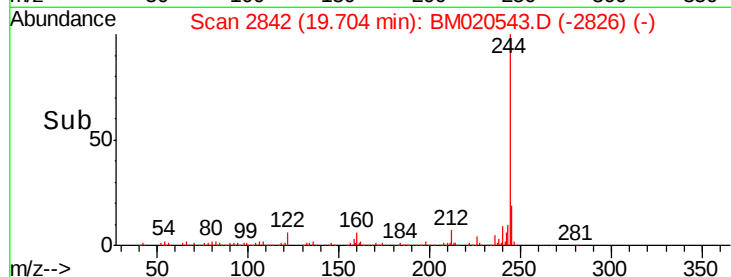
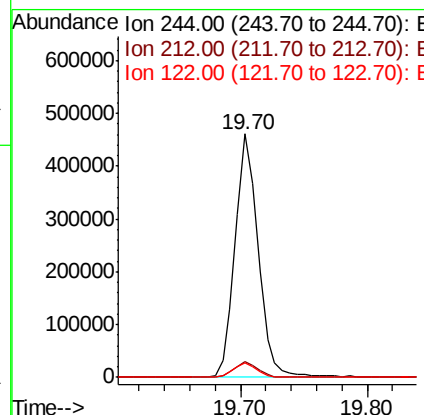
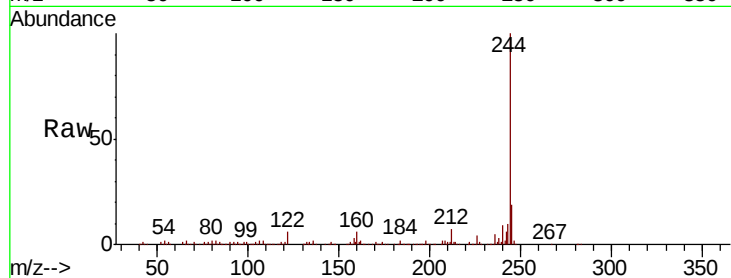
#79
 Terphenyl-d14
 Concen: 18.284 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Tot Ion:	244	Resp:	582448
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.0	7.6
122	6.0	4.6	7.0

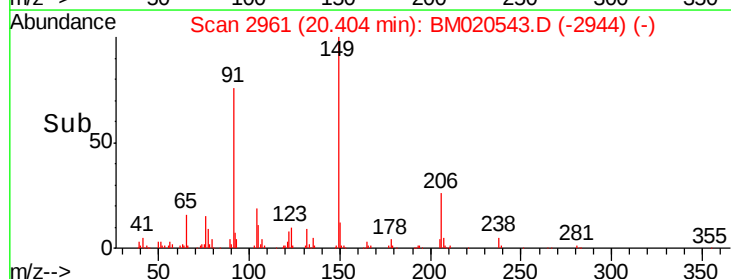
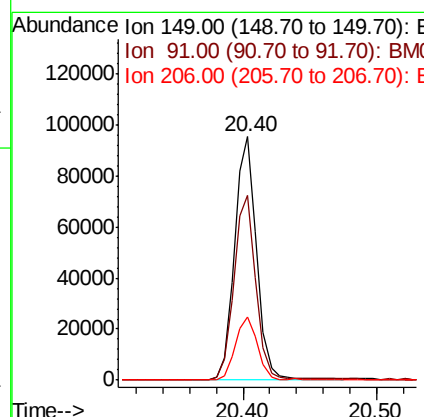
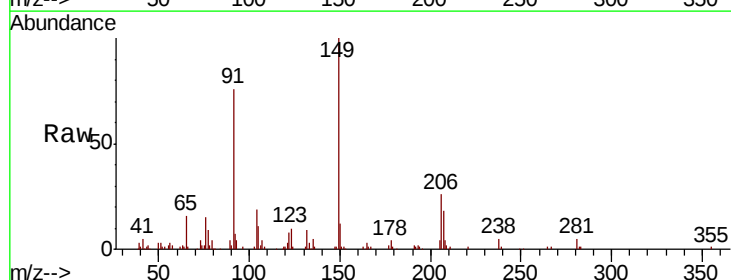
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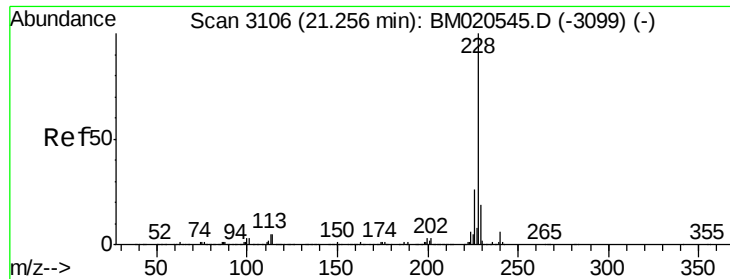
mohammad
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#80
 Butylbenzylphthalate
 Concen: 8.214 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. 0.00 min
 Lab File: BM020543.D
 Acq: 24 May 2019 11:34

Tgt Ion:	149	Resp:	111428
Ion Ratio	Lower	Upper	
149	100		
91	76.0	60.9	91.3
206	26.2	21.6	32.4





#81

Benzo(a)anthracene

Concen: 9.500 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

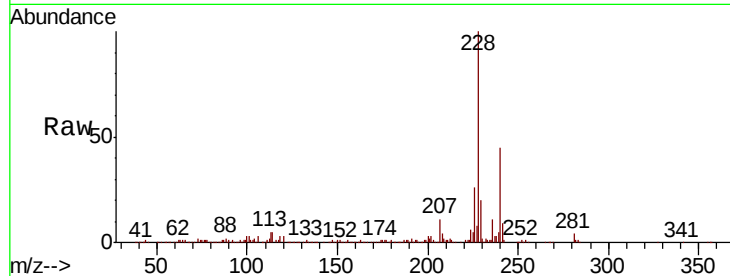
ClientSampleId :

SSTDICC010

Tot Ion:	228	Resp:	370165
Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.7	31.1
229	19.8	15.5	23.3

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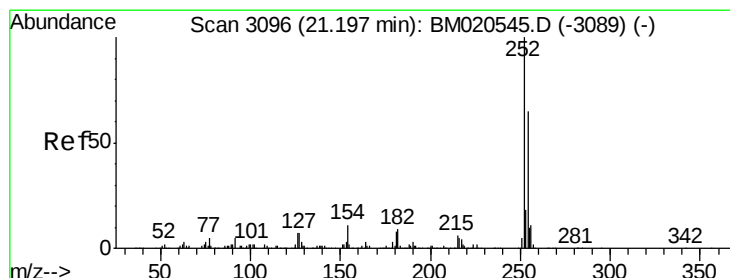
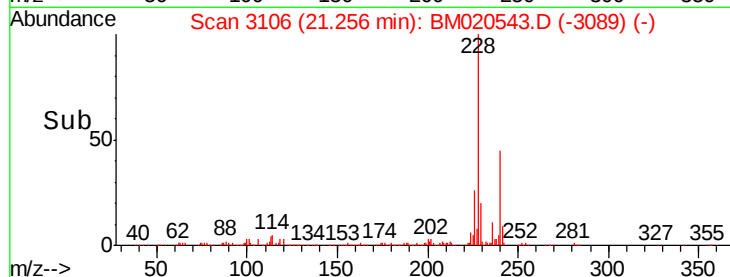
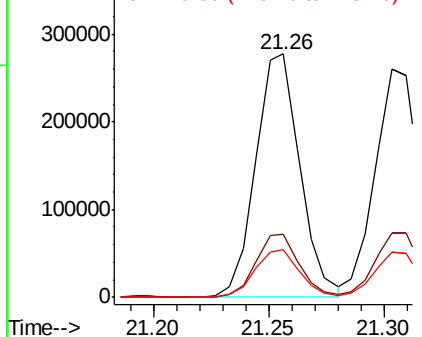


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.747 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

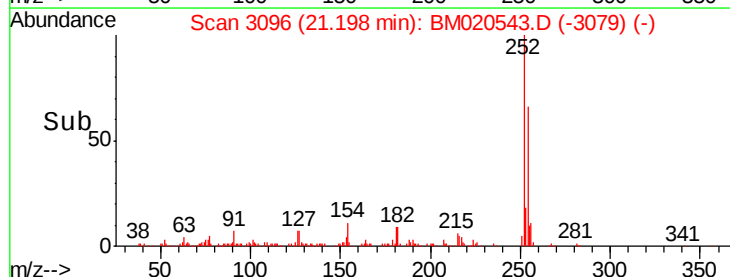
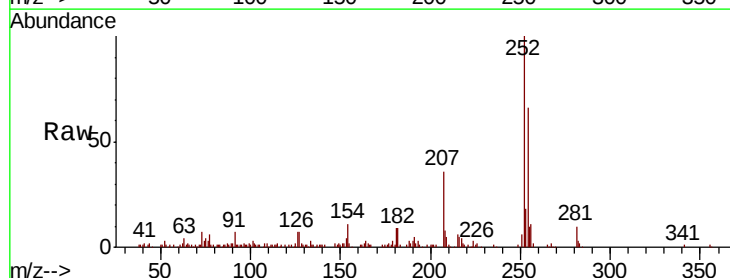
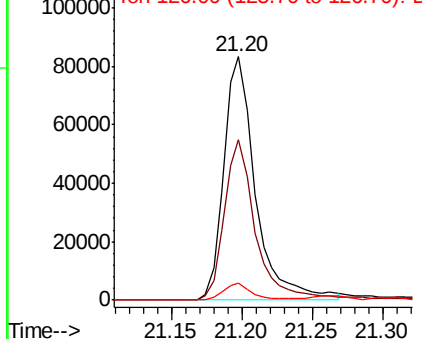
Tgt Ion:	252	Resp:	130092
Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.8	77.6
126	7.1	5.2	7.8

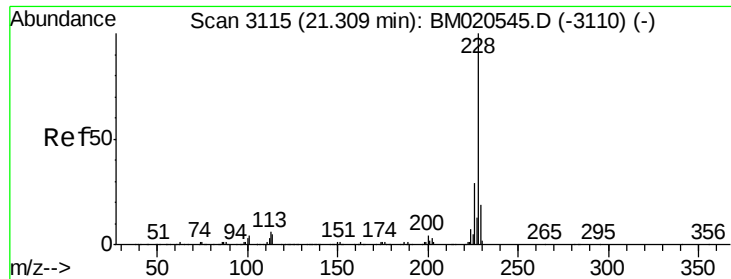
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





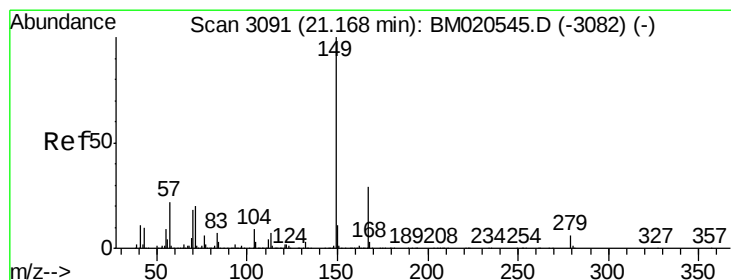
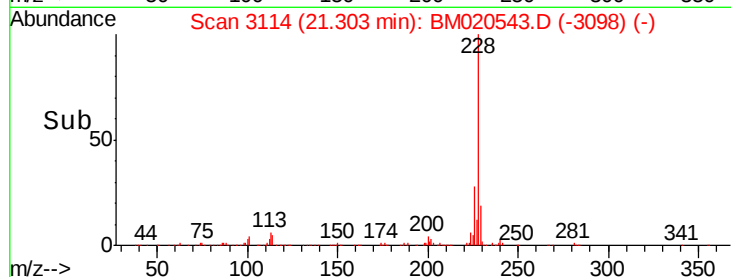
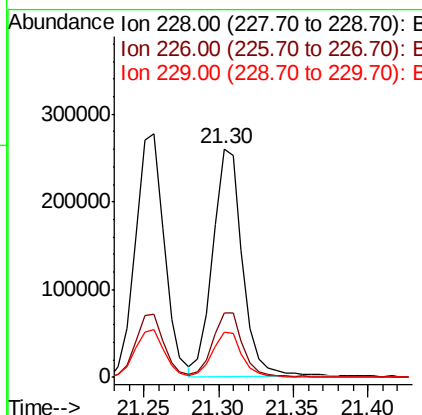
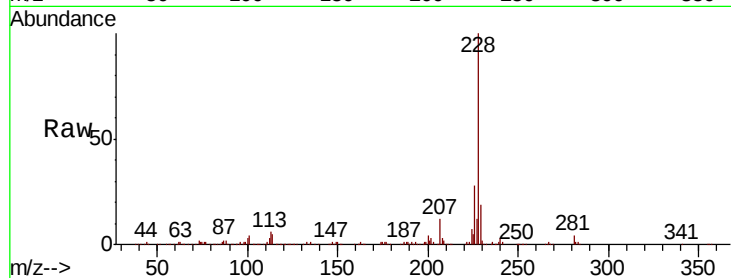
#83
Chrysene
Concen: 9.547 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion:	228	Resp:	360769
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.9	34.3
229	19.5	15.4	23.2

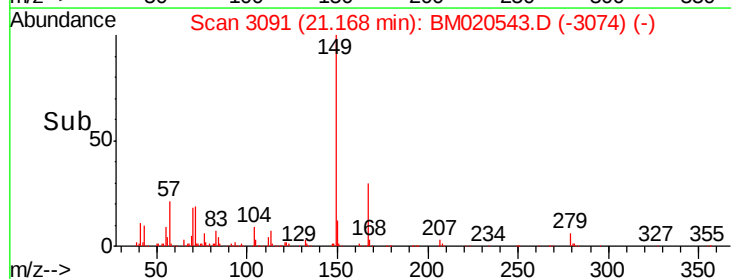
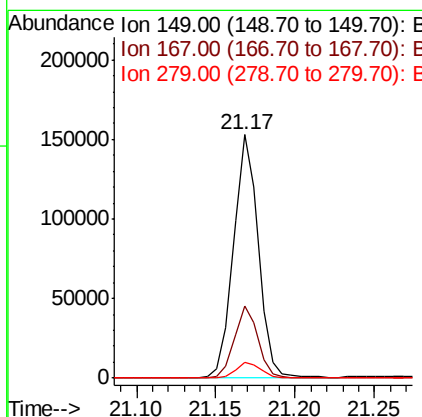
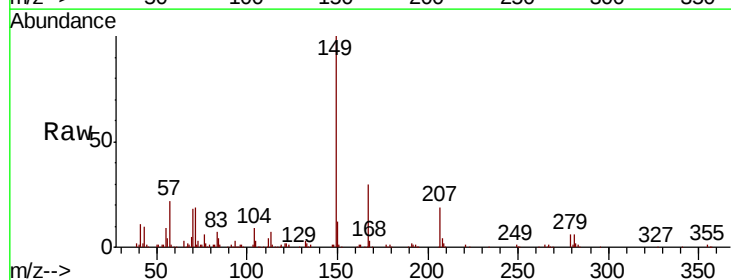
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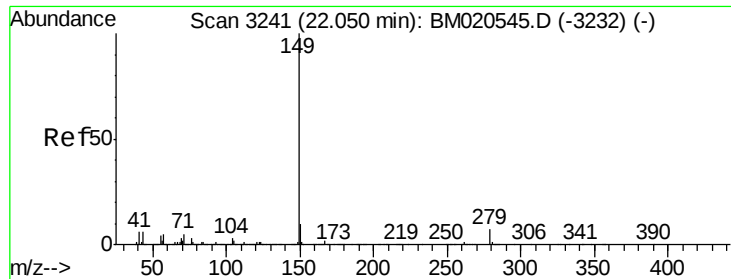
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.812 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion:	149	Resp:	164436
Ion Ratio	Lower	Upper	
149	100		
167	29.8	22.9	34.3
279	6.3	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 8.266 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

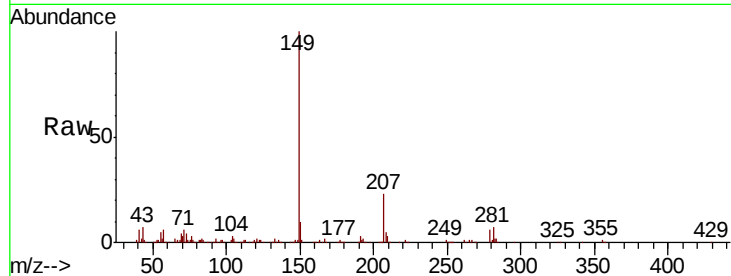
ClientSampleId :

SSTDIC010

Tot Ion:	149	Resp:	289210
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.5	4.8	7.2

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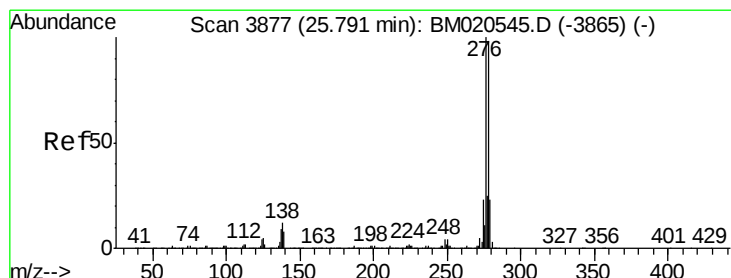
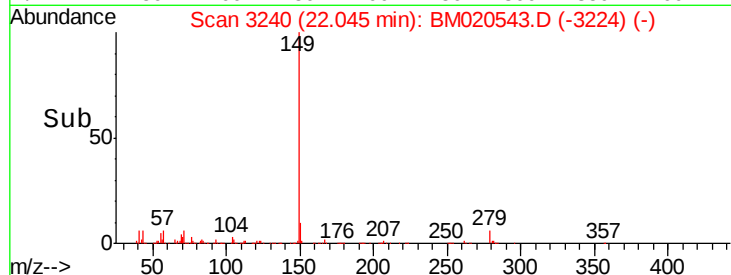
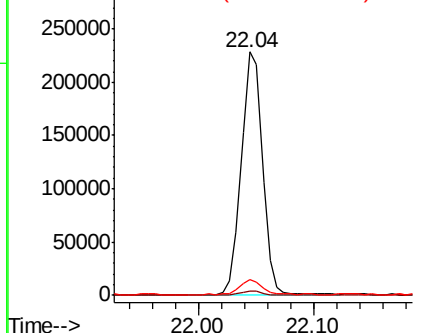


Abundance

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: 9.587 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

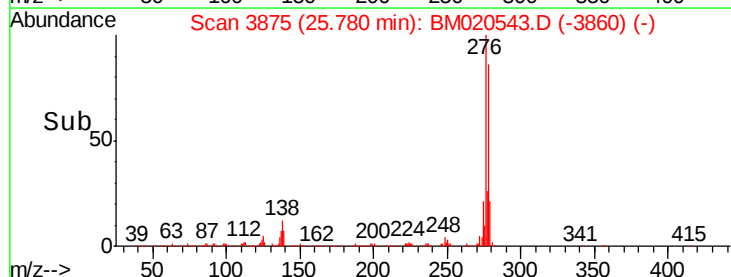
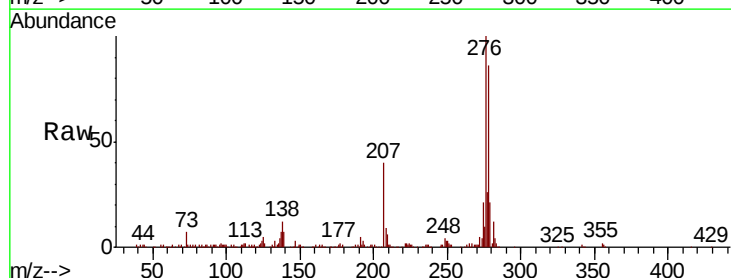
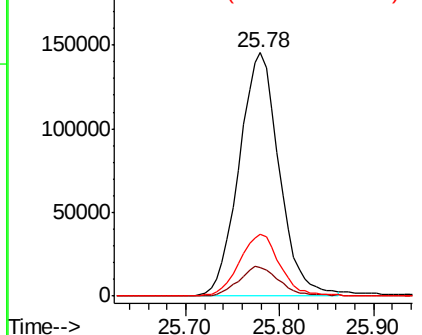
Tgt Ion:	276	Resp:	430947
Ion Ratio	Lower	Upper	
276	100		
138	12.2	9.7	14.5
277	25.6	20.4	30.6

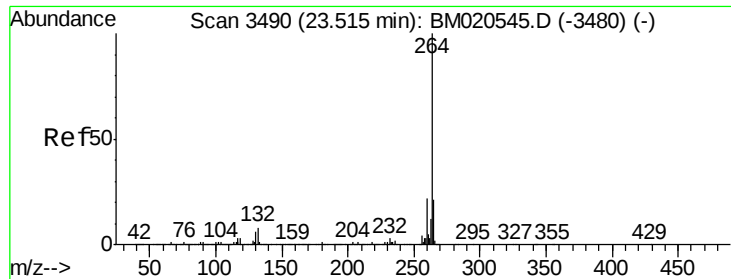
Abundance

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: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

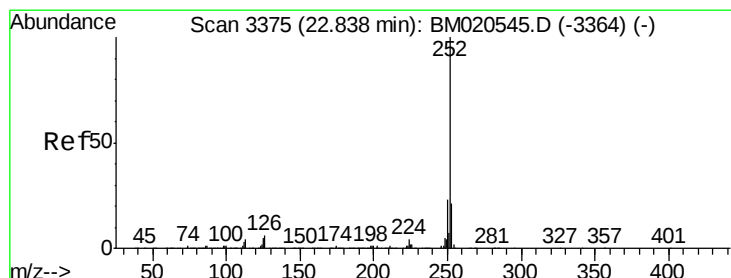
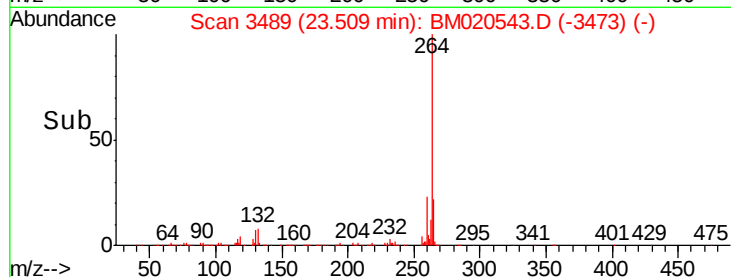
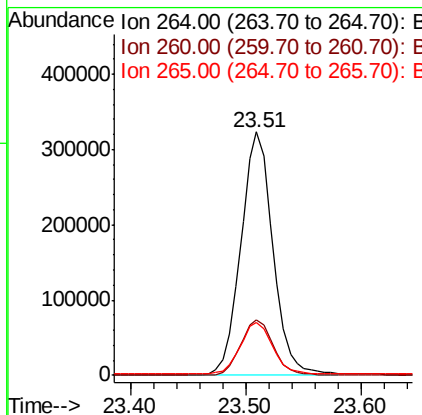
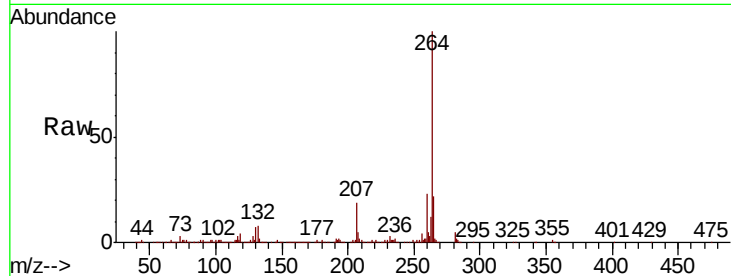
ClientSampleId :

SSTDIC010

Tot Ion:	264	Resp:	623836
Ion Ratio		Lower	Upper
264	100		
260	22.7	17.7	26.5
265	21.7	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 9.373 ng

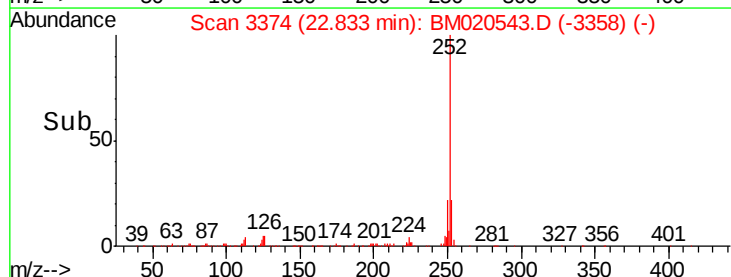
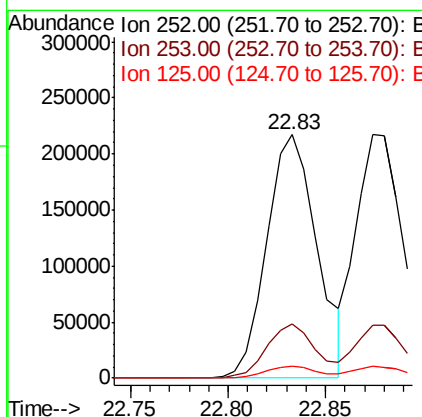
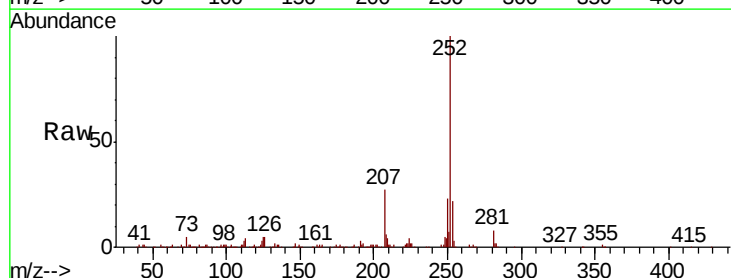
RT: 22.83 min Scan# 3374

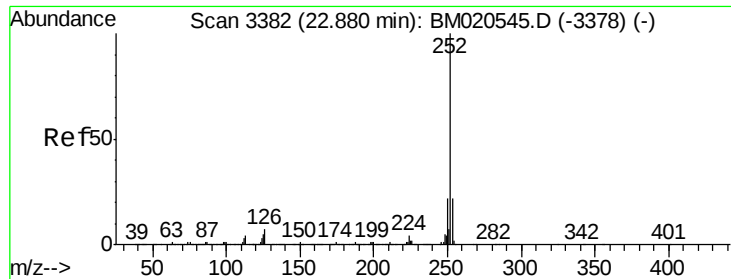
Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	252	Resp:	386119
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.1	25.7
125	4.7	3.8	5.8





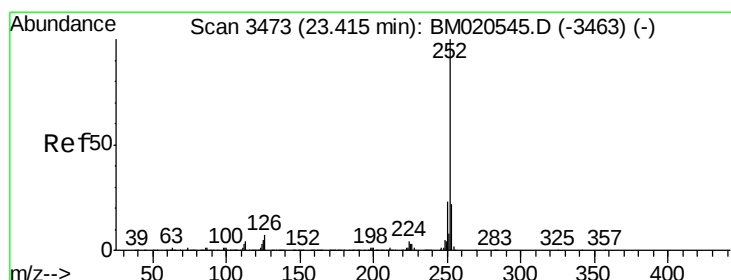
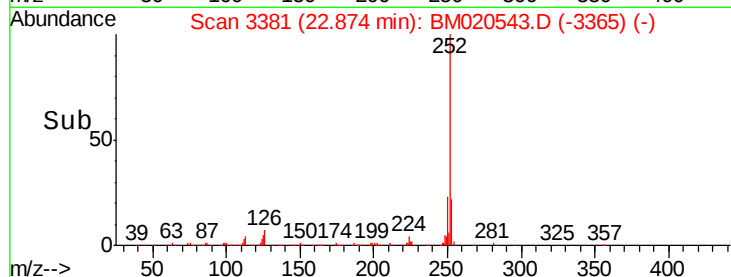
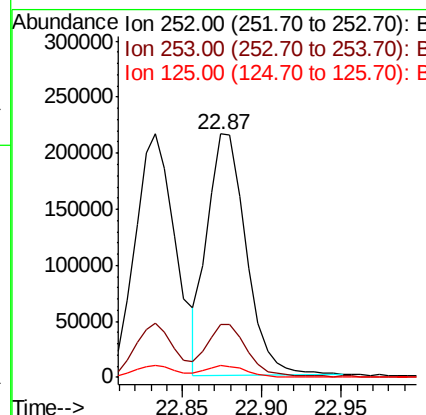
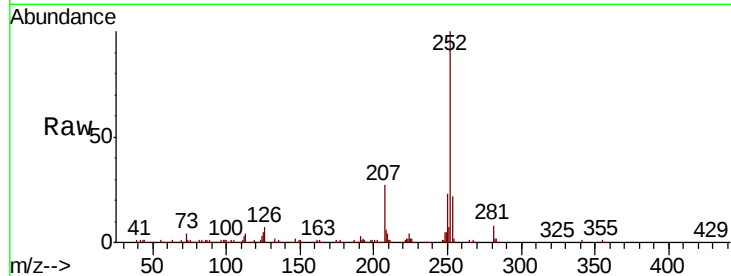
#89
Benzo(k)fluoranthene
Concen: 9.766 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Instrument :
BNA_M
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	5.0	4.2	6.4

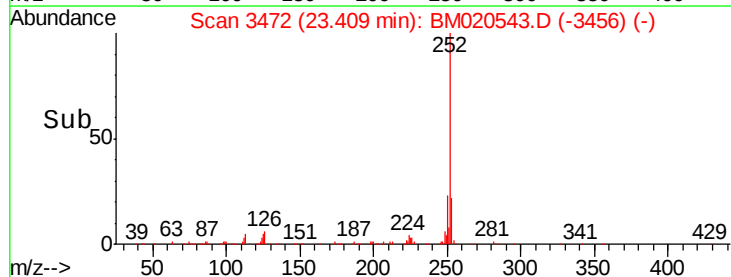
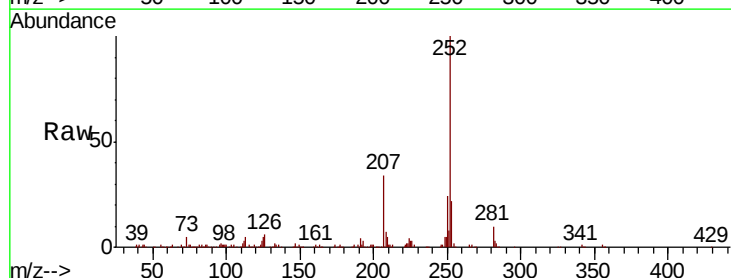
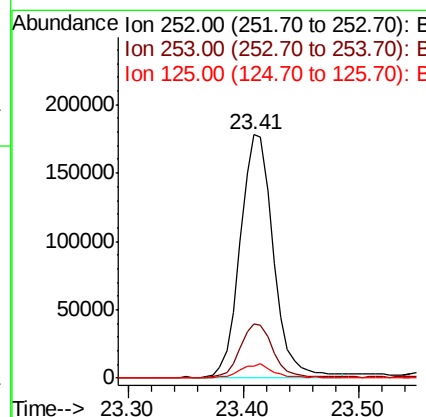
Manual Integrations
APPROVED

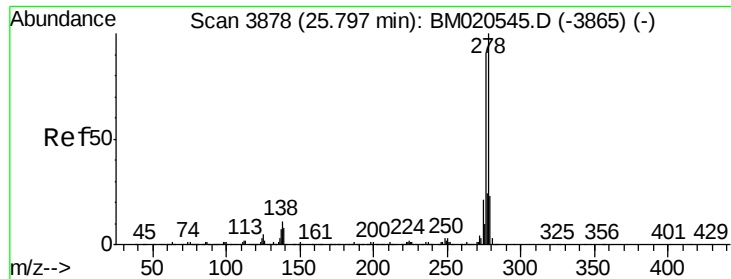
mohammad
5/27/2019 3:59:35 AM



#90
Benzo(a)pyrene
Concen: 9.472 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM020543.D
Acq: 24 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	5.2	4.2	6.4





#91

Dibenzo(a,h)anthracene

Concen: 9.342 ng

RT: 25.79 min Scan# 3876

Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Instrument :

BNA_M

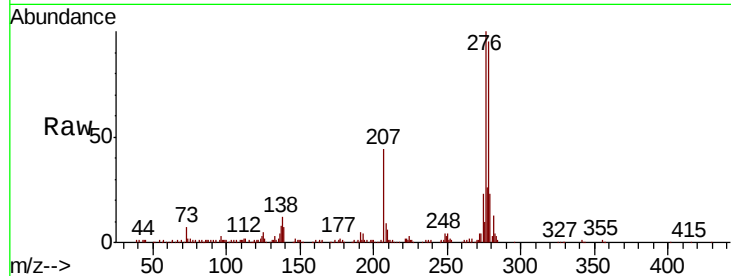
ClientSampleId :

SSTDICC010

Tot Ion:	278	Resp:	363511
Ion Ratio	Lower	Upper	
278	100		
139	7.9	6.3	9.5
279	24.4	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/27/2019 3:59:35 AM

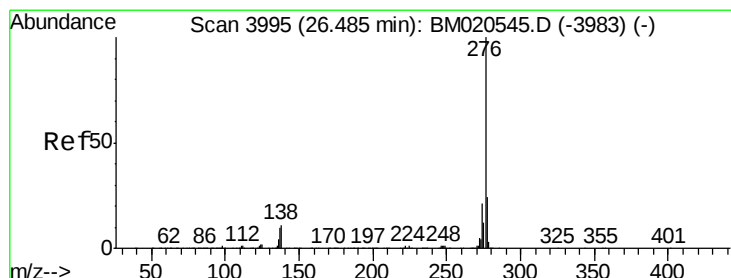
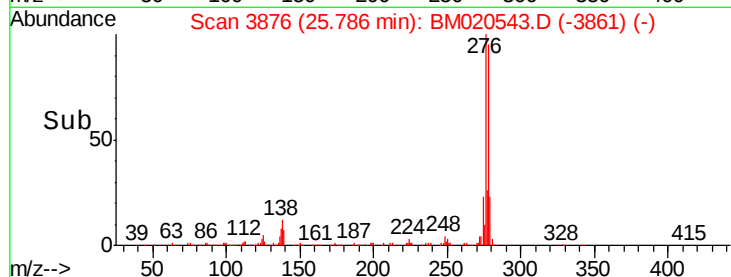
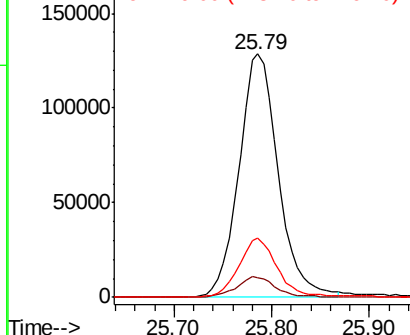


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.364 ng

RT: 26.47 min Scan# 3993

Delta R.T. -0.01 min

Lab File: BM020543.D

Acq: 24 May 2019 11:34

Tgt Ion:	276	Resp:	345951
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.1	28.7
138	10.6	8.6	12.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

