

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020623.D
 Acq On : 30 May 2019 08:11
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
 APPROVED

mohammad
 5/31/2019 8:12:23 AM

Quant Time: May 30 13:57:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	47785	20.00	ng	-0.01
21) Naphthalene-d8	10.41	136	168797	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	130730	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	355777	20.00	ng	0.00
76) Chrysene-d12	21.24	240	465016	20.00	ng	0.00
87) Perylene-d12	23.46	264	504901	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	223871	91.91	ng	0.00
7) Phenol-d6	6.80	99	300493	81.74	ng	0.00
23) Nitrobenzene-d5	8.79	82	380348	94.58	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	239948	91.61	ng	0.00
45) 2-Fluorobiphenyl	12.89	172	925998	88.88	ng	0.00
79) Terphenyl-d14	19.67	244	2244622	87.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	79348	62.253	ng	96
3) Pyridine	3.53	79	198878	52.569	ng	97
4) n-Nitrosodimethylamine	3.46	42	48120	53.235	ng	83
6) Aniline	6.96	93	196602	36.968	ng	99
8) 2-Chlorophenol	7.18	128	125924	42.278	ng	98
9) Benzaldehyde	6.78	77	96581	41.149	ng	97
10) Phenol	6.83	94	161169	40.597	ng	92
11) bis(2-Chloroethyl)ether	7.06	93	111300	37.569	ng	99
12) 1,3-Dichlorobenzene	7.50	146	168733	44.236	ng	97
13) 1,4-Dichlorobenzene	7.66	146	162030	42.498	ng	97
14) 1,2-Dichlorobenzene	7.96	146	166185	43.478	ng	98
15) Benzyl Alcohol	7.88	79	102186	30.038	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.15	45	70165	33.981	ng	91
17) 2-Methylphenol	8.07	107	96705	36.897	ng	97
18) Hexachloroethane	8.68	117	72296	46.810	ng	90
19) n-Nitroso-di-n-propylamine	8.43	70	118767	36.382	ng	97
20) 3+4-Methylphenols	8.40	107	128849	36.659	ng	93
22) Acetophenone	8.45	105	198790	42.768	ng	# 97
24) Nitrobenzene	8.83	77	184317	46.408	ng	94
25) Isophorone	9.35	82	311843	41.673	ng	99
26) 2-Nitrophenol	9.54	139	55465	37.848	ng	95
27) 2,4-Dimethylphenol	9.59	122	86939	39.825	ng	96
28) bis(2-Chloroethoxy)methane	9.84	93	152377	39.118	ng	97
29) 2,4-Dichlorophenol	10.06	162	125363	43.176	ng	98
30) 1,2,4-Trichlorobenzene	10.27	180	195592	49.268	ng	99
31) Naphthalene	10.46	128	382644	43.903	ng	99
32) Benzoic acid	9.69	122	7243m	13.983	ng	
33) 4-Chloroaniline	10.59	127	123611	35.534	ng	94
34) Hexachlorobutadiene	10.72	225	174618	59.160	ng	97
35) Caprolactam	11.41	113	32544m	34.056	ng	
36) 4-Chloro-3-methylphenol	11.72	107	121327	38.399	ng	97
37) 2-Methylnaphthalene	12.08	142	282751	42.466	ng	96
38) 1-Methylnaphthalene	12.30	142	280438	43.470	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	261182	47.526	ng	99

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 ALS Vial : 2 Sample Multiplier: 1

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 BNA_M
 ClientSampleID :
 SSTDCCC040EC

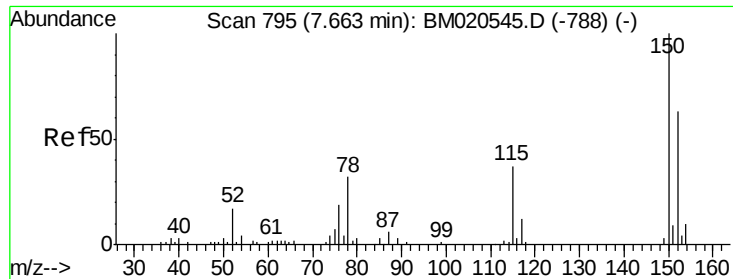
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	53015	25.955	nq	99
43) 2,4,6-Trichlorophenol	12.70	196	143682	42.248	nq	99
44) 2,4,5-Trichlorophenol	12.78	196	130772	41.177	nq	98
46) 1,1'-Biphenyl	13.11	154	420228	41.737	nq	98
47) 2-Chloronaphthalene	13.15	162	360274	42.211	nq	99
48) 2-Nitroaniline	13.39	65	89305	35.044	nq	92
49) Acenaphthylene	14.00	152	531663	40.961	nq	98
50) Dimethylphthalate	13.75	163	472193	40.779	nq	99
51) 2,6-Dinitrotoluene	13.89	165	97779	40.515	nq	89
52) Acenaphthene	14.35	154	330398	42.240	nq	98
53) 3-Nitroaniline	14.22	138	66816	33.038	nq	94
54) 2,4-Dinitrophenol	14.46	184	14357	18.811	nq	90
55) Dibenzofuran	14.69	168	585580	43.263	nq	98
56) 4-Nitrophenol	14.54	139	49479	36.500	nq	89
57) 2,4-Dinitrotoluene	14.68	165	136694	39.222	nq	# 83
58) Fluorene	15.34	166	481023	42.782	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	164698	44.568	nq	99
60) Diethylphthalate	15.12	149	477763	41.877	nq	100
61) 4-Chlorophenyl-phenylether	15.33	204	333470	46.457	nq	98
62) 4-Nitroaniline	15.40	138	62416	30.767	nq	# 83
63) Azobenzene	15.63	77	497475	44.811	nq	96
65) 4,6-Dinitro-2-methylphenol	15.45	198	31098	18.312	nq	93
66) n-Nitrosodiphenylamine	15.56	169	410244	42.527	nq	98
67) 4-Bromophenyl-phenylether	16.23	248	215569	45.483	nq	98
68) Hexachlorobenzene	16.33	284	280123	48.747	nq	98
69) Atrazine	16.51	200	155117	39.082	nq	97
70) Pentachlorophenol	16.69	266	101221	34.101	nq	100
71) Phenanthrene	17.08	178	842941	43.613	nq	99
72) Anthracene	17.17	178	778287	41.523	nq	99
73) Carbazole	17.46	167	633512	39.384	nq	100
74) Di-n-butylphthalate	18.00	149	811426	41.007	nq	98
75) Fluoranthene	19.10	202	1166387	43.397	nq	99
77) Benzidine	19.32	184	187091	21.893	nq	98
78) Pyrene	19.47	202	1235627	42.325	nq	99
80) Butylbenzylphthalate	20.37	149	342511	33.391	nq	95
81) Benzo(a)anthracene	21.22	228	1373341	42.671	nq	100
82) 3,3'-Dichlorobenzidine	21.16	252	432629	36.829	nq	99
83) Chrysene	21.27	228	1348146	43.350	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	526868	35.242	nq	100
85) Di-n-octyl phthalate	22.02	149	921866	35.470	nq	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	1761512	46.846	nq	98
88) Benzo(b)fluoranthene	22.79	252	1476380	44.676	nq	99
89) Benzo(k)fluoranthene	22.84	252	1422536	44.353	nq	99
90) Benzo(a)pyrene	23.37	252	1339150	44.036	nq	99
91) Dibenzo(a,h)anthracene	25.72	278	1477302	47.458	nq	99
92) Benzo(g,h,i)perylene	26.40	276	1386101	48.035	nq	98

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



#1

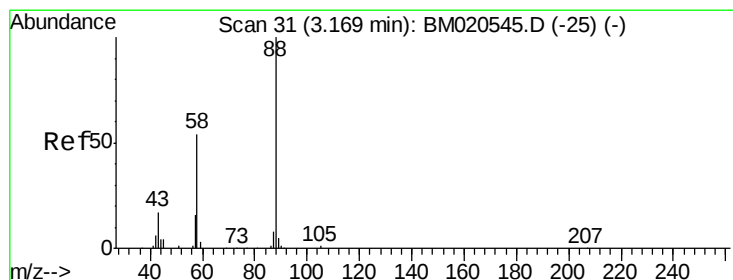
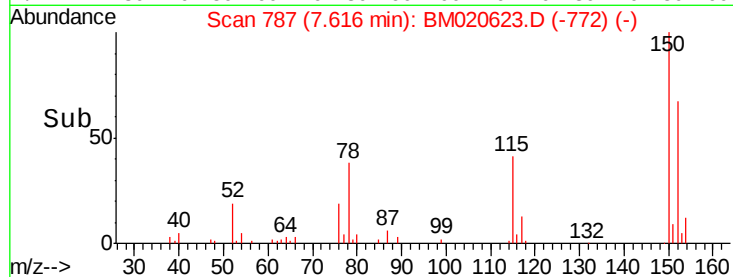
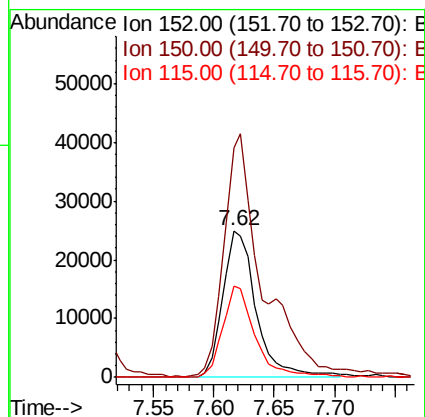
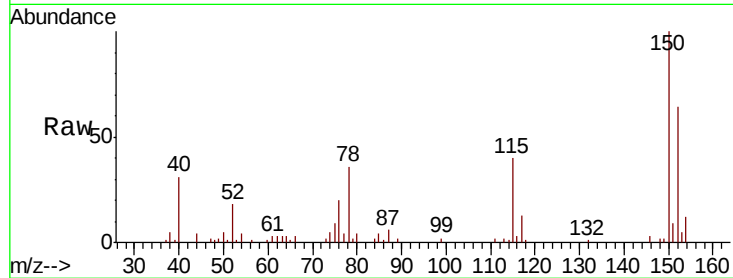
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	190.0
115	62.0	46.6	70.0

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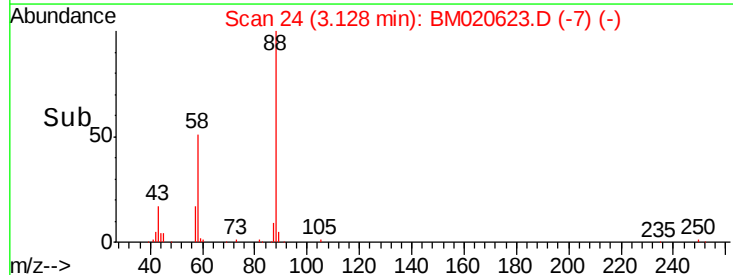
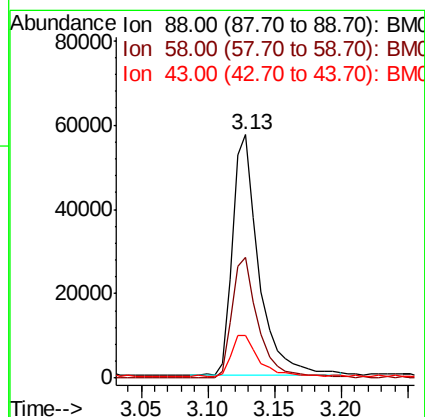
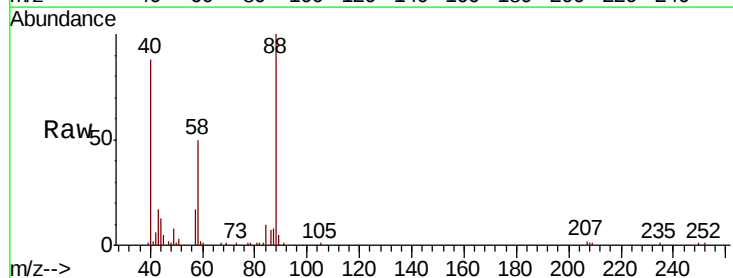
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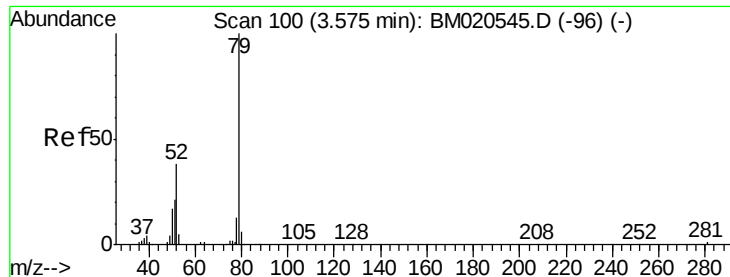


#2

1,4-Dioxane
Concen: 62.253 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.3	42.3	63.5
43	18.0	16.0	24.0





#3

Pvridine

Concen: 52.569 ng

RT: 3.53 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

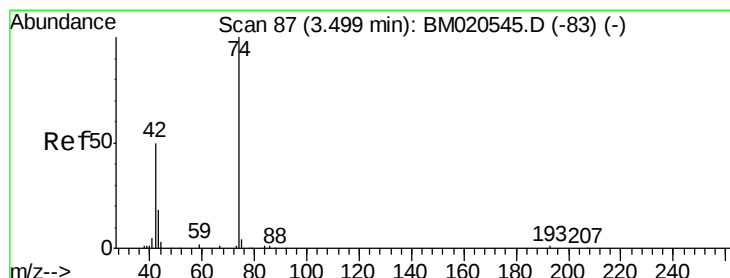
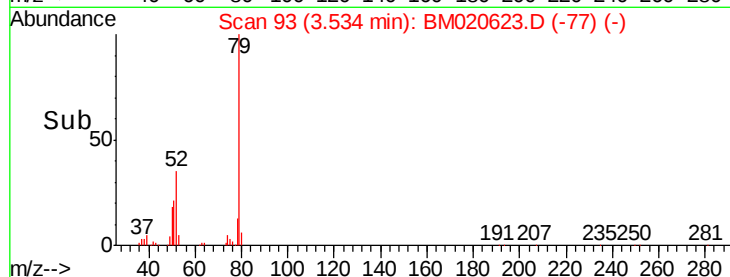
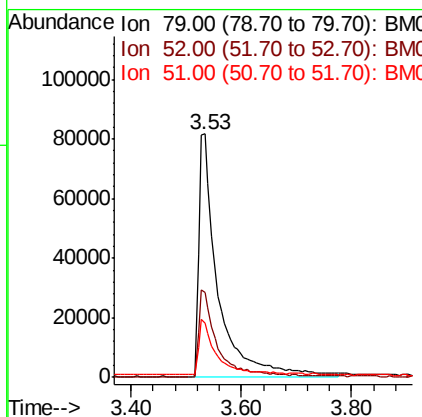
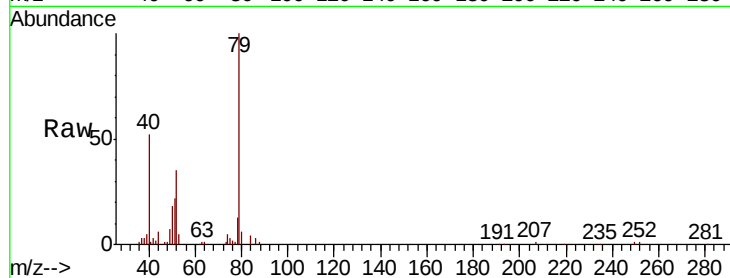
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	198878
Ion	Ratio	Lower	Upper
79	100		
52	35.0	30.1	45.1
51	22.3	17.8	26.8

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#4

n-Nitrosodimethylamine

Concen: 53.235 ng

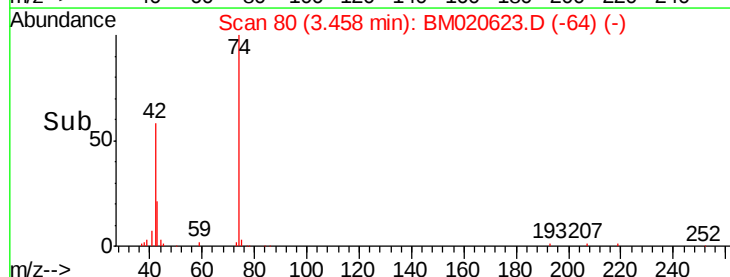
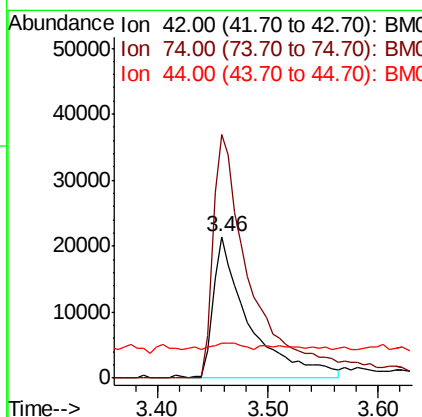
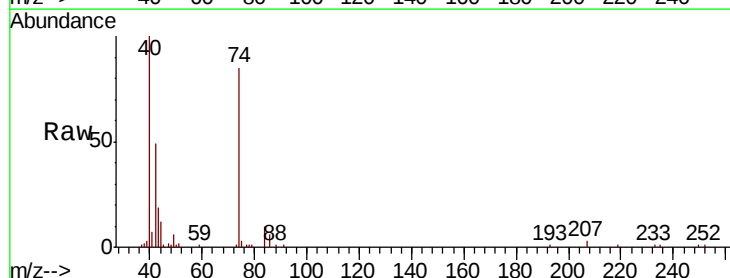
RT: 3.46 min Scan# 80

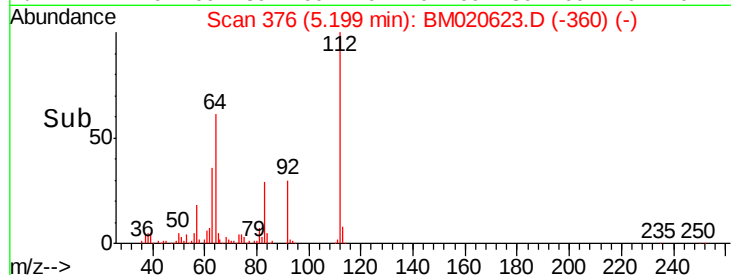
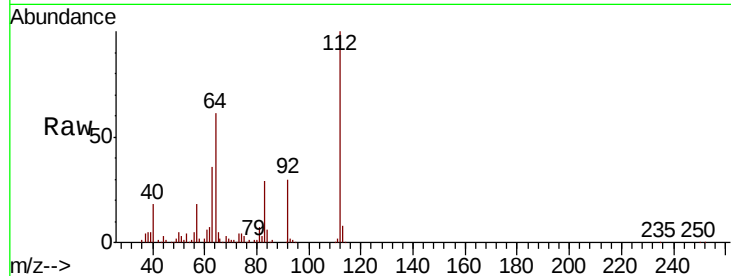
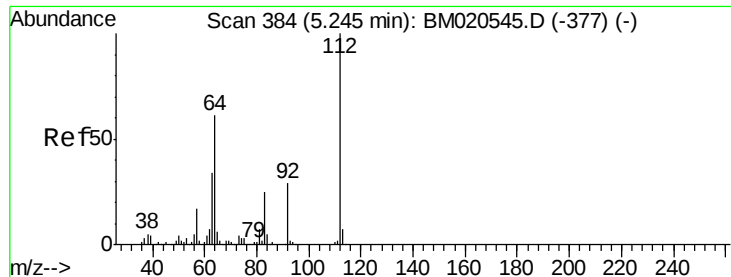
Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	42	Resp:	48120
Ion	Ratio	Lower	Upper
42	100		
74	172.0	161.1	241.7
44	25.1	20.9	31.3





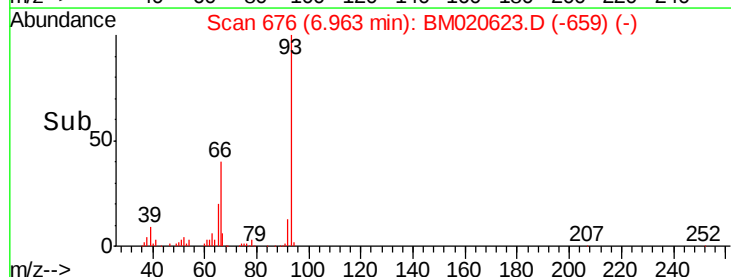
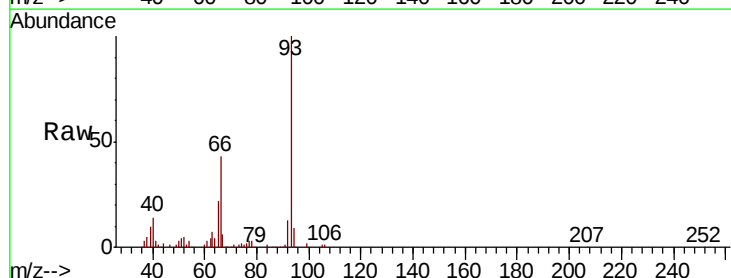
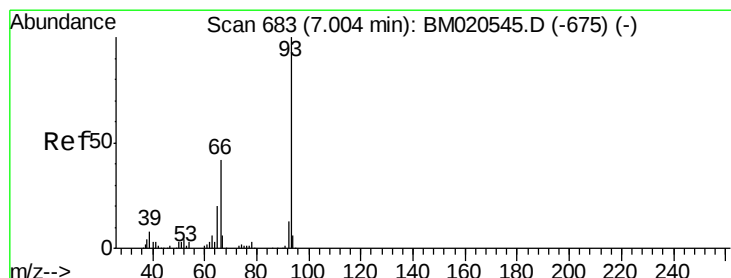
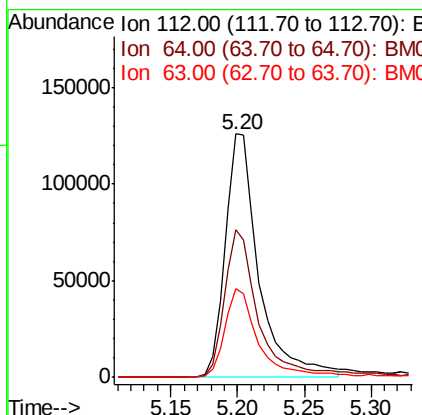
#5
2-Fluorophenol
Concen: 91.910 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tot Ion	Ratio	Resp	Lower	Upper
112	100	223871		
64	60.7	48.6	73.0	
63	36.3	27.4	41.0	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

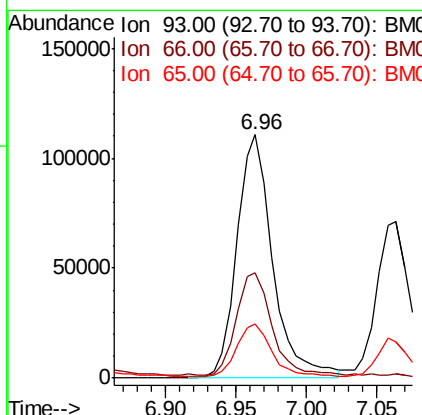
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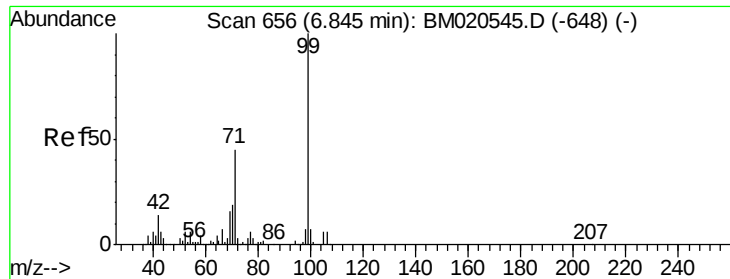
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#6
Aniline
Concen: 36.968 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	196602		
66	43.1	34.5	51.7	
65	22.2	16.2	24.2	





#7

Phenol-d6

Concen: 81.736 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

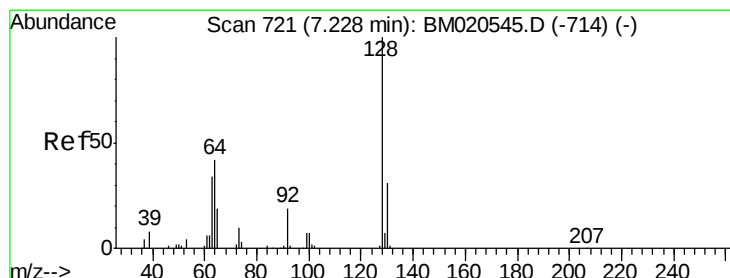
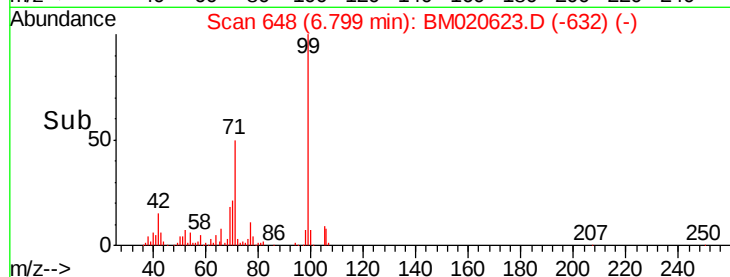
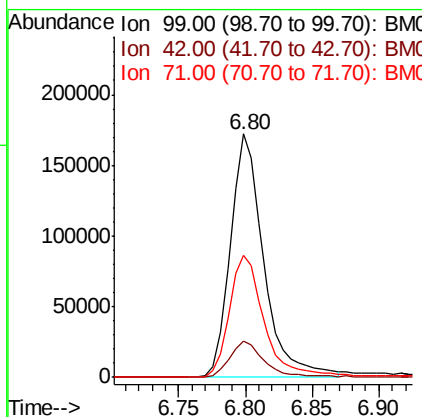
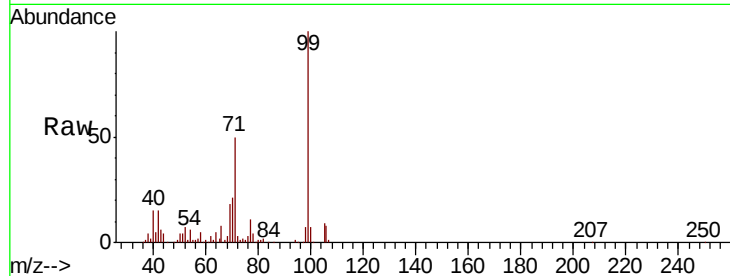
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	300493
Ion	Ratio	Lower	Upper
99	100		
42	15.1	10.8	16.2
71	50.2	36.3	54.5

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#8

2-Chlorophenol

Concen: 42.278 ng

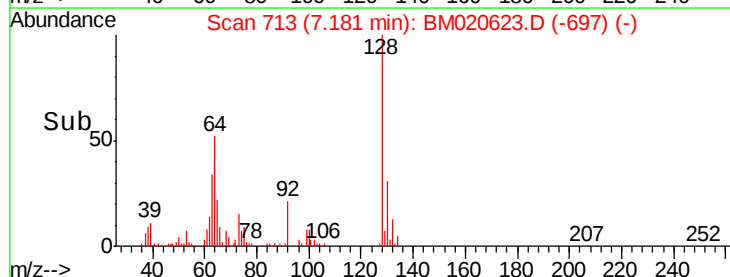
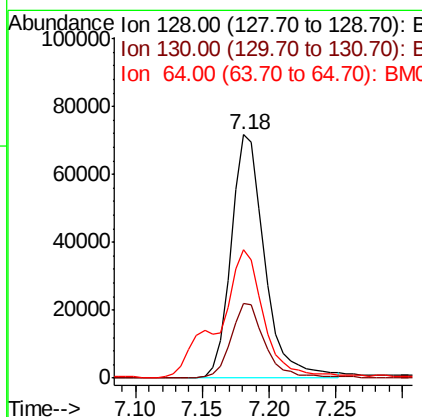
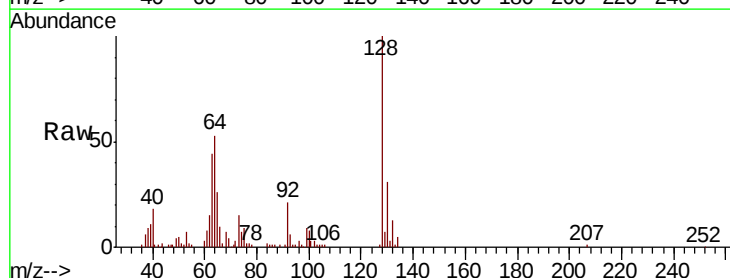
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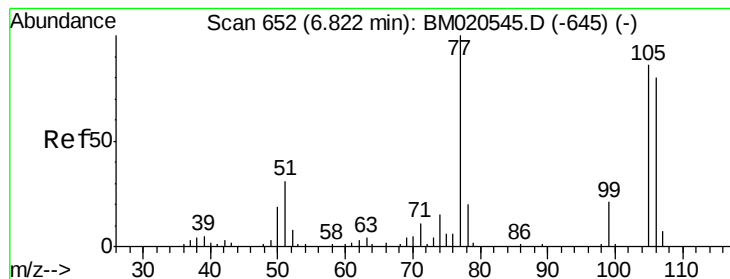
Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	128	Resp:	125924
Ion	Ratio	Lower	Upper
128	100		
130	30.6	11.2	51.2
64	52.7	31.1	71.1





#9

Benzaldehyde

Concen: 41.149 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

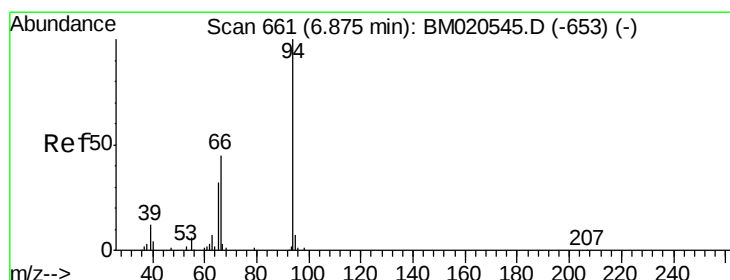
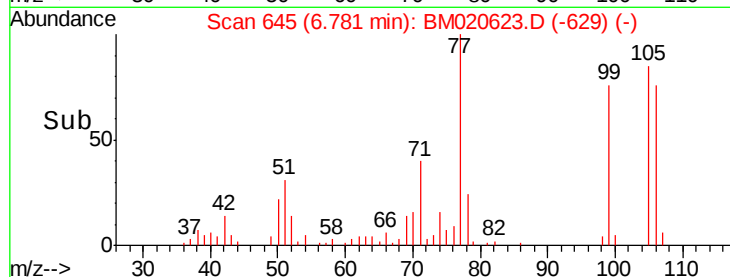
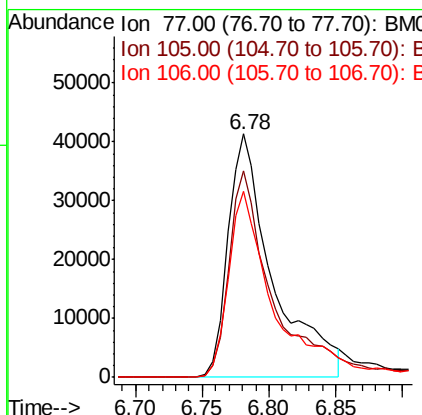
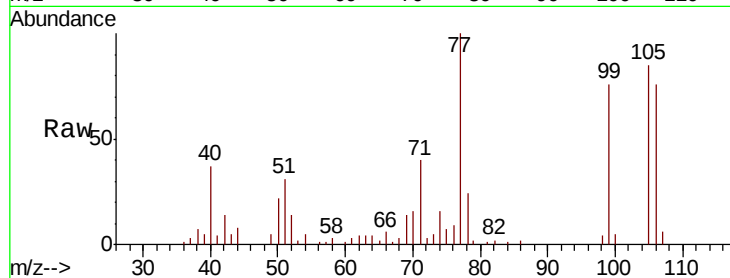
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	96581
Ion	Ratio	Lower	Upper
77	100		
105	84.8	66.1	106.1
106	76.3	60.0	100.0

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#10

Phenol

Concen: 40.597 ng

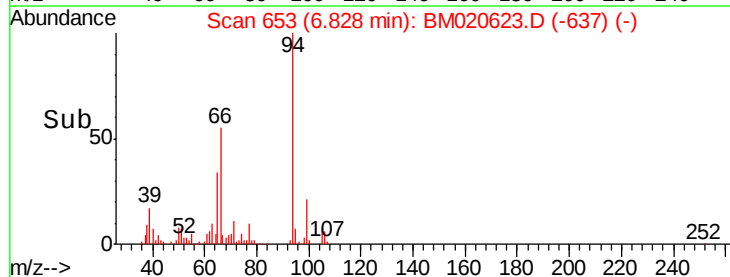
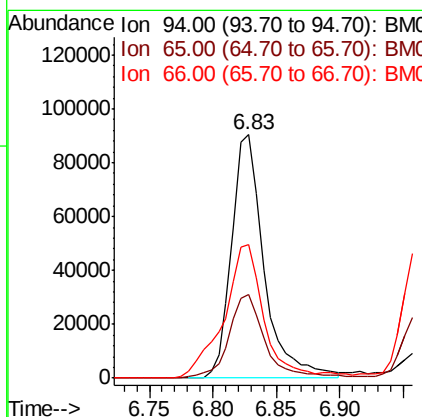
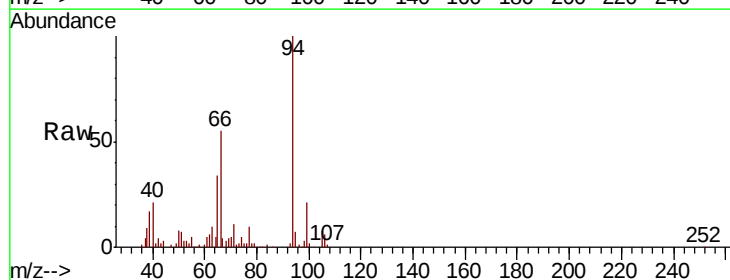
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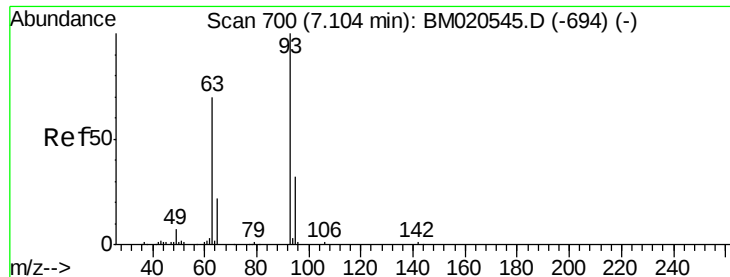
Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	94	Resp:	161169
Ion	Ratio	Lower	Upper
94	100		
65	34.3	12.4	52.4
66	54.7	27.4	67.4





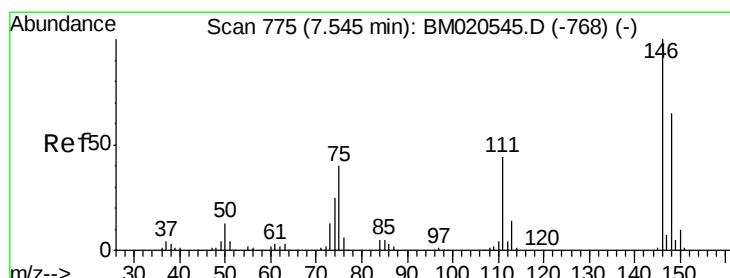
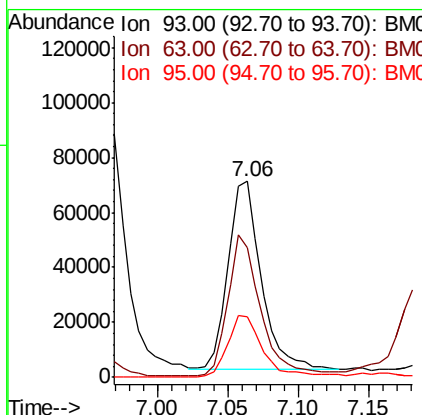
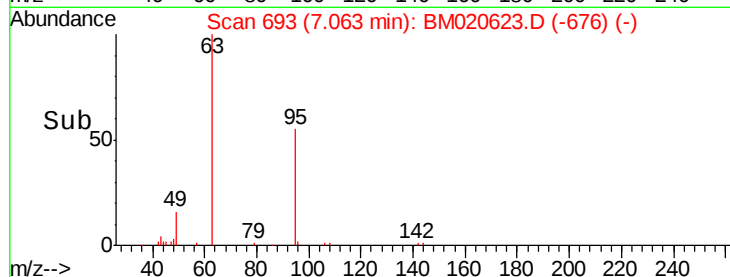
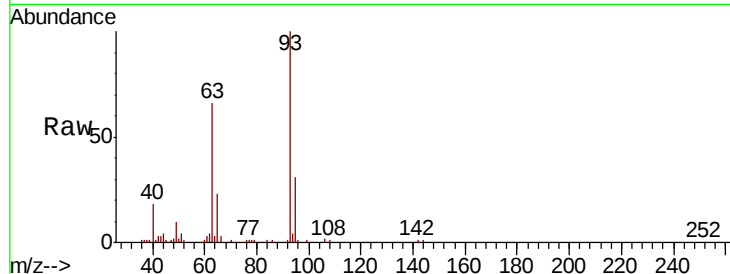
#11
bis(2-Chloroethyl)ether
Concen: 37.569 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.1	47.6	87.6
95	31.1	10.9	50.9

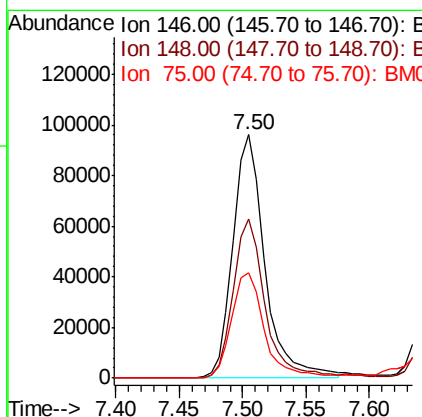
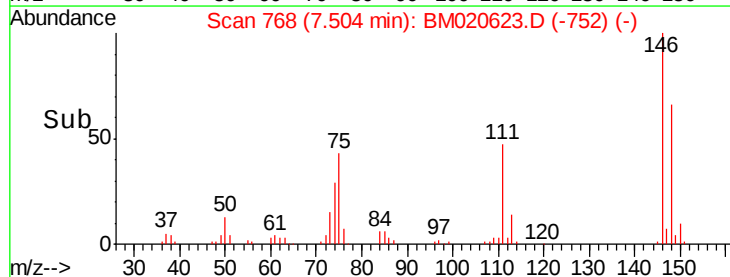
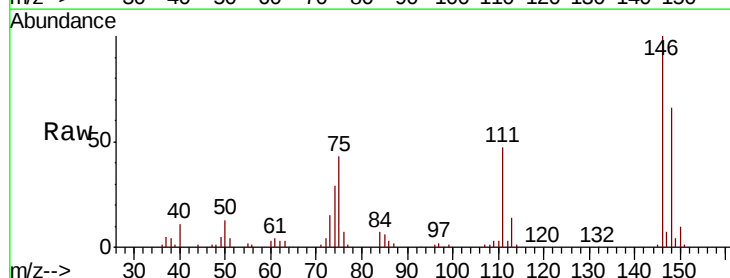
Manual Integrations
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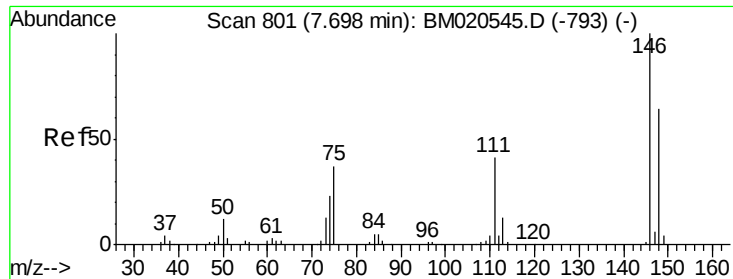
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.236 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
75	43.3	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 42.498 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

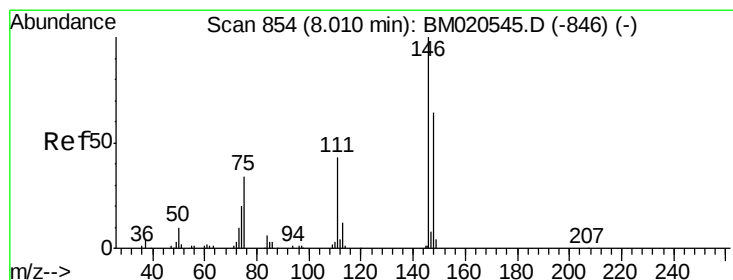
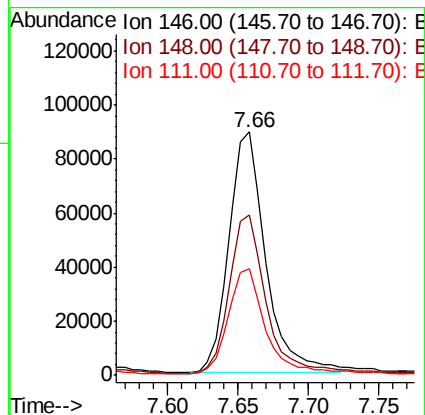
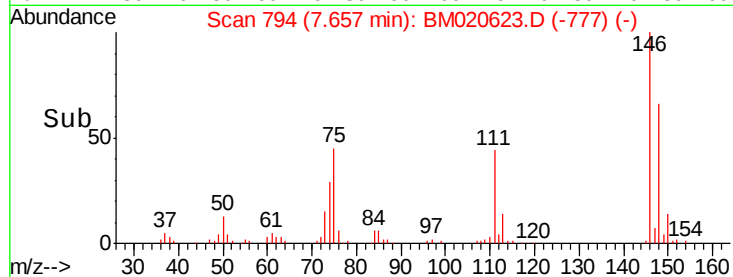
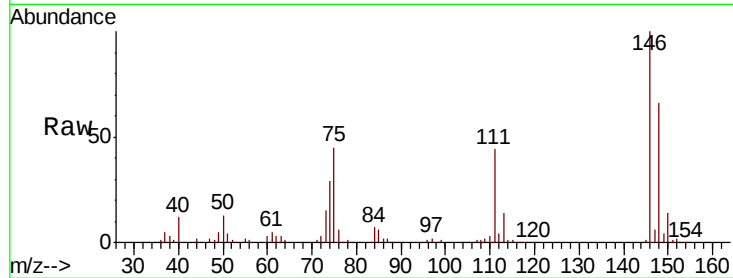
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	162030
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.1	76.7
111	43.7	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 43.478 ng

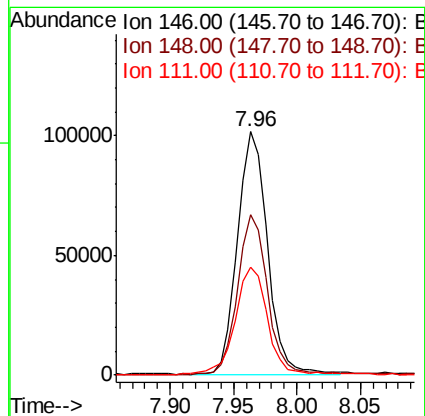
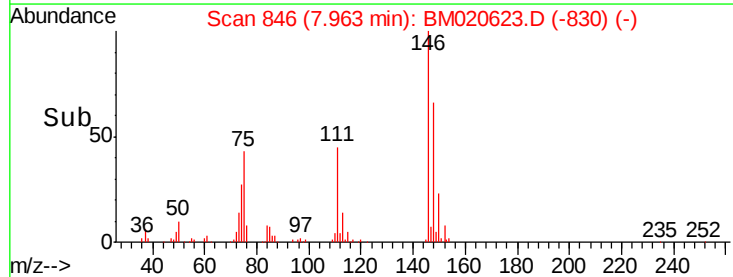
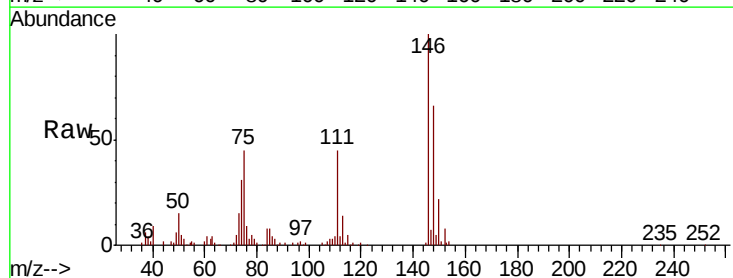
RT: 7.96 min Scan# 846

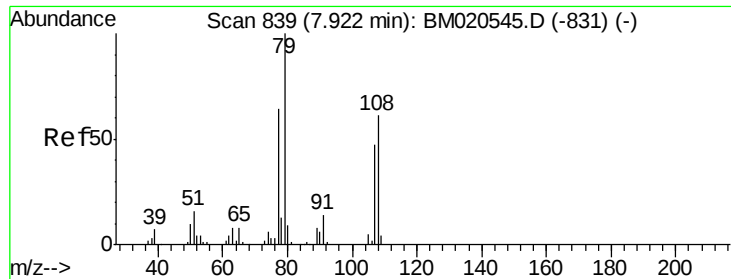
Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	146	Resp:	166185
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.2	76.8
111	44.5	35.2	52.8





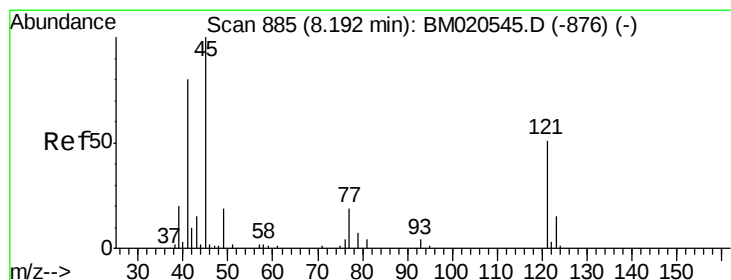
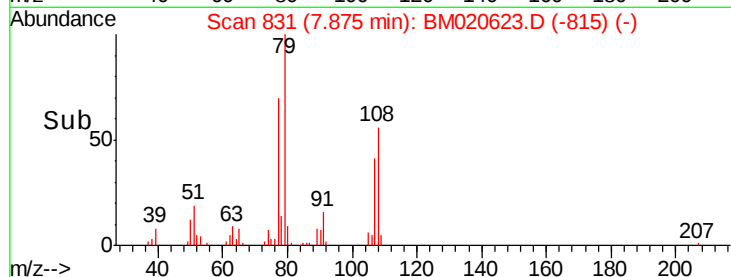
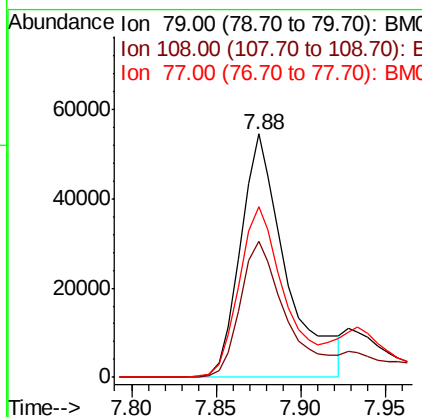
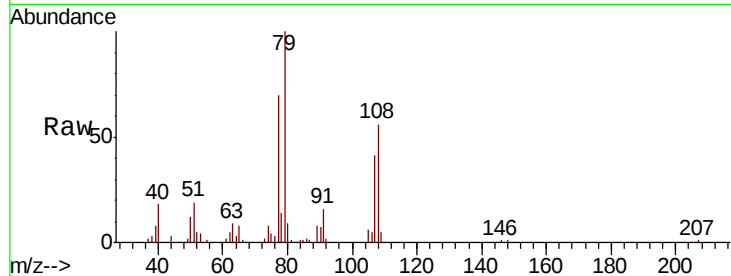
#15
Benzyl Alcohol
Concen: 30.038 ng
RT: 7.88 min Scan# 831
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	56.1	48.5	72.7
77	70.2	50.9	76.3

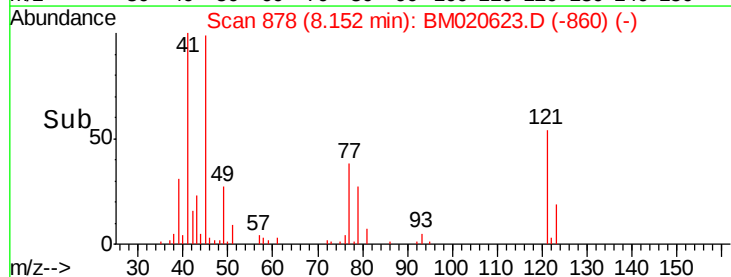
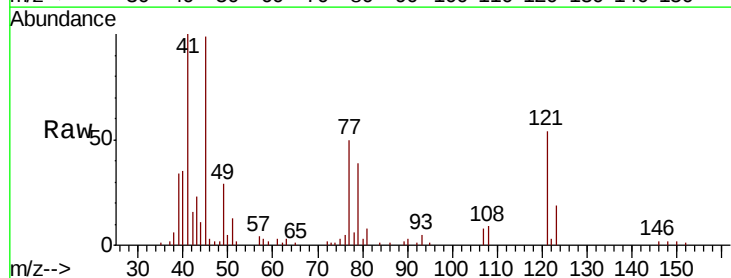
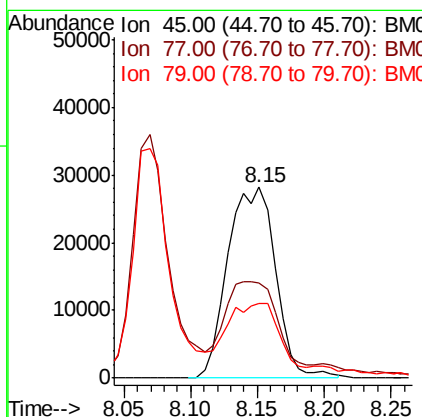
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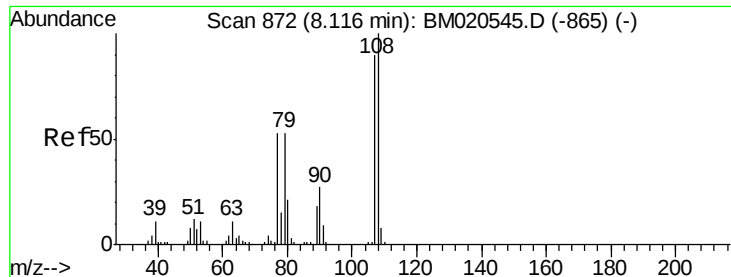
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.981 ng
RT: 8.15 min Scan# 878
Delta R.T. 0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	49.9	25.0	65.0
79	39.1	13.1	53.1





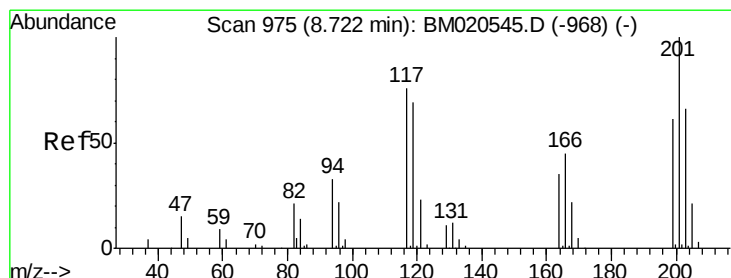
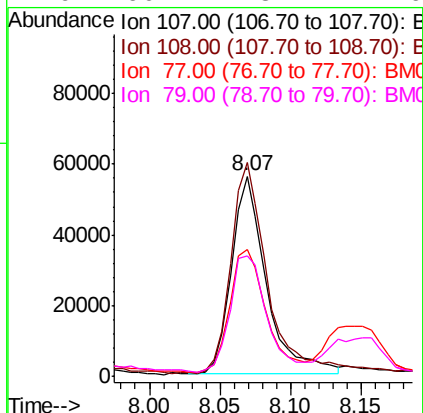
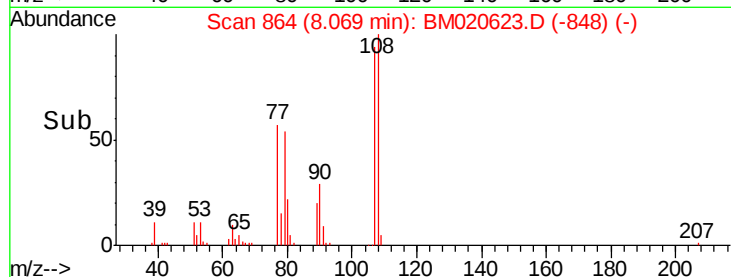
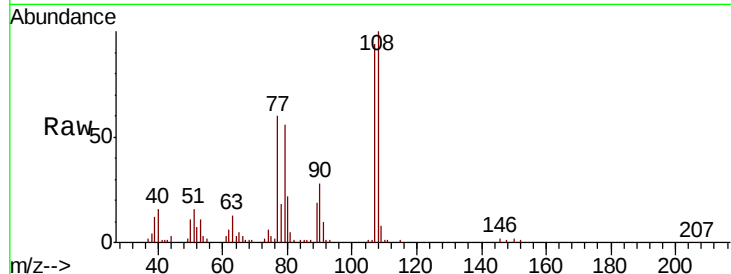
#17
2-Methylphenol
Concen: 36.897 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	107	Resp	96705
Ion	Ratio	Lower	Upper
107	100		
108	106.9	89.4	134.2
77	63.6	48.2	72.4
79	60.1	48.4	72.6

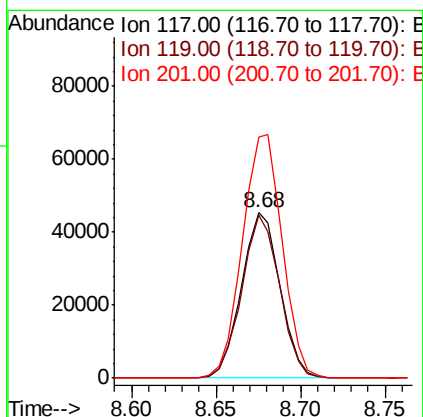
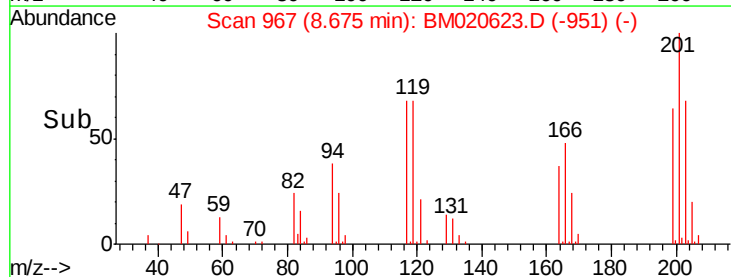
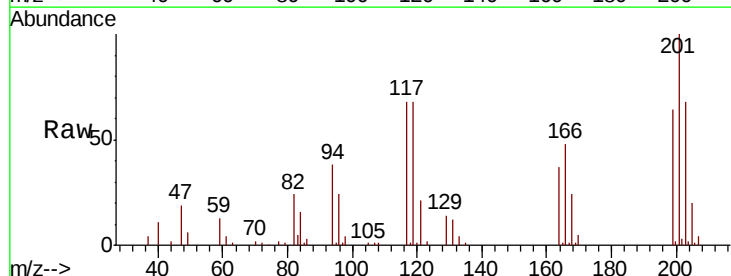
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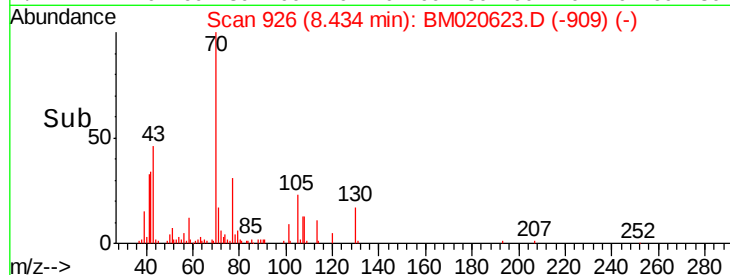
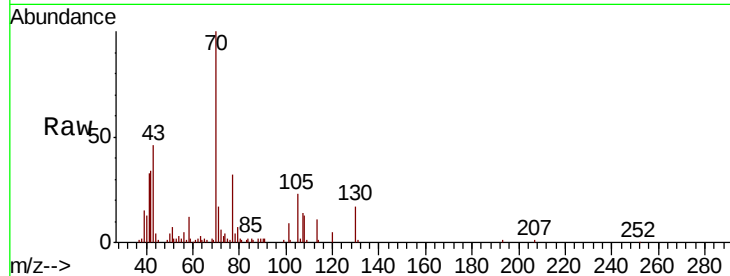
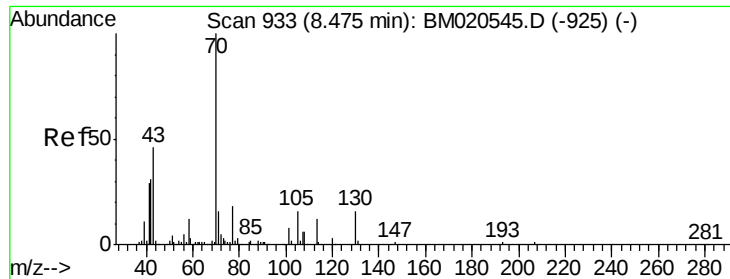
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#18
Hexachloroethane
Concen: 46.810 ng
RT: 8.68 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	117	Resp	72296
Ion	Ratio	Lower	Upper
117	100		
119	98.8	73.2	109.8
201	146.0	105.8	158.8





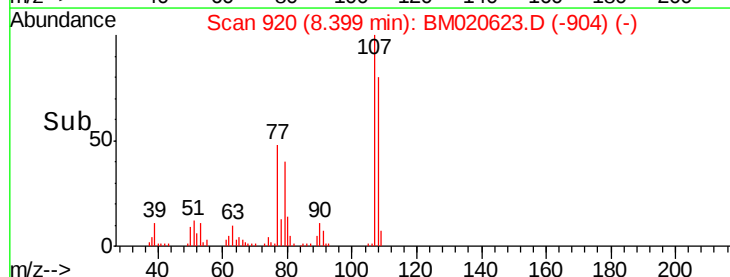
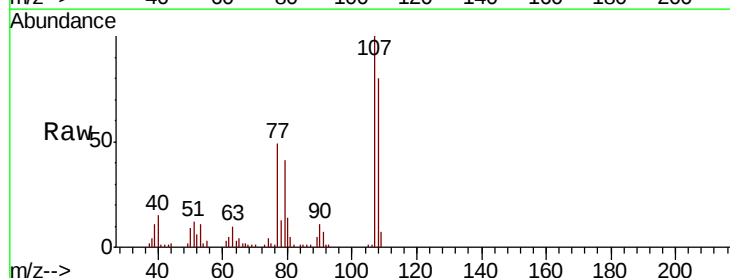
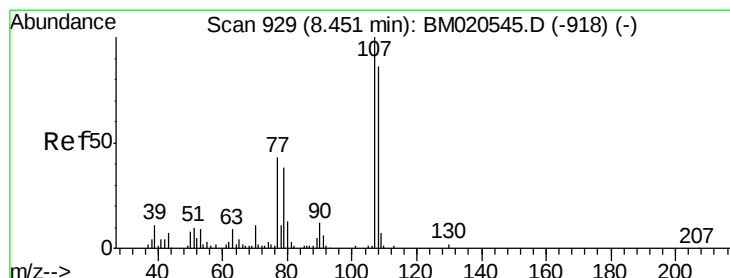
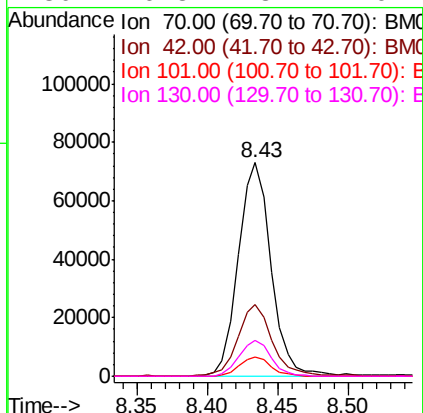
#19
n-Nitroso-di-n-propylamine
Concen: 36.382 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		118767		
42	33.8	24.7	37.1		
101	8.9	6.8	10.2		
130	16.8	13.1	19.7		

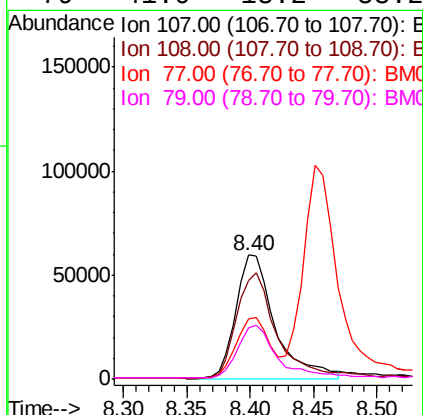
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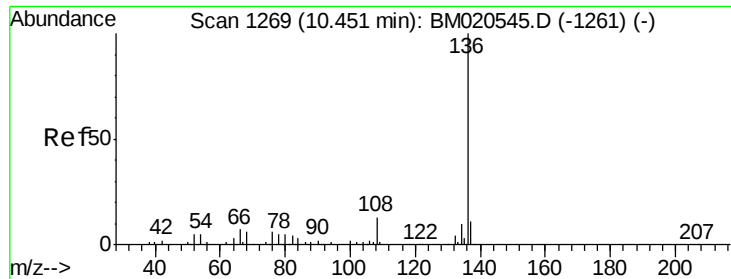
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#20
3+4-Methylphenols
Concen: 36.659 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		128849		
108	80.0	66.5	106.5		
77	48.5	23.0	63.0		
79	41.0	18.2	58.2		





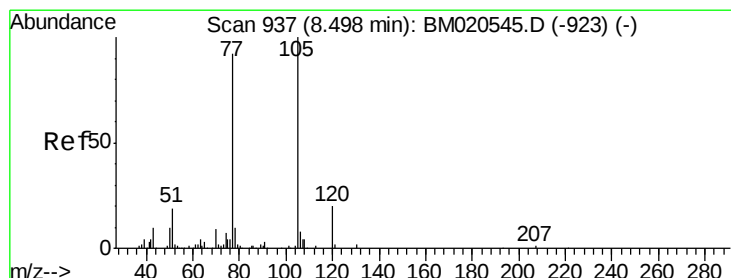
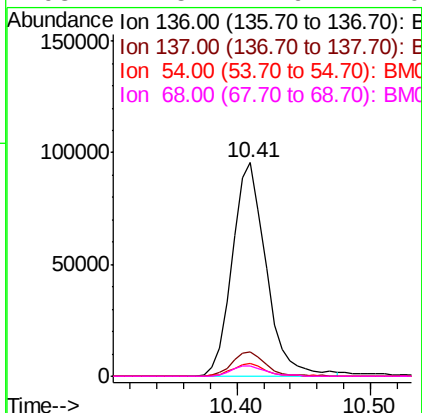
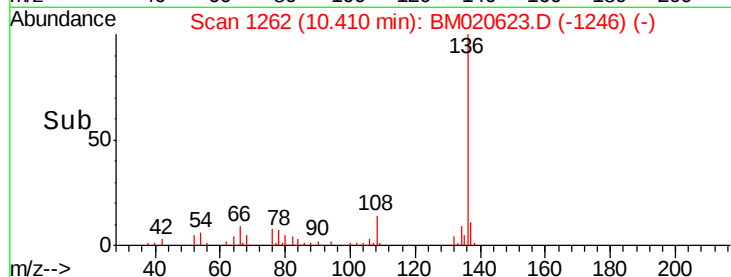
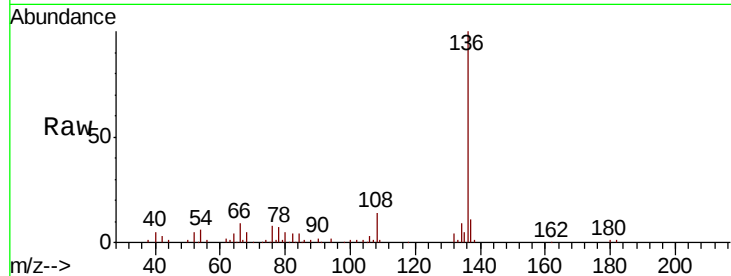
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	168797		
137	11.3	8.4	12.6	
54	5.9	4.2	6.4	
68	4.5	4.6	7.0	

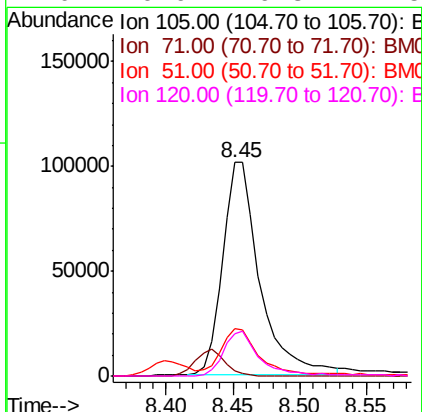
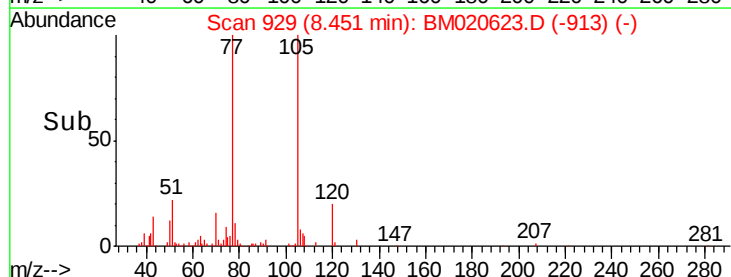
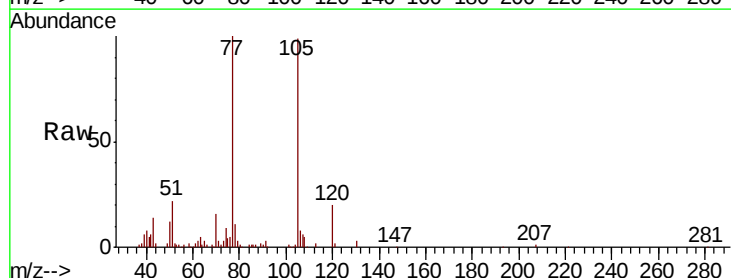
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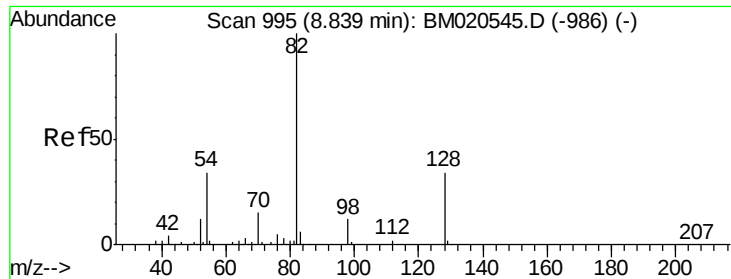
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#22
Acetophenone
Concen: 42.768 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198790		
71	2.6	1.3	1.9	
51	22.2	15.7	23.5	
120	19.9	16.3	24.5	





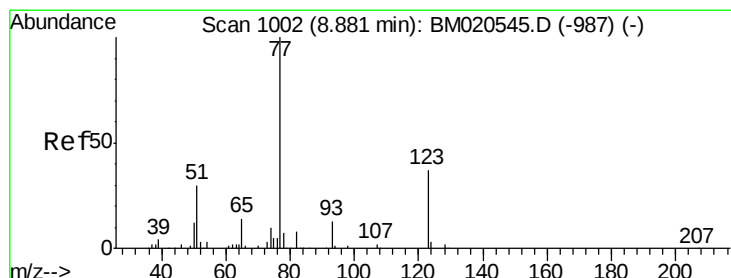
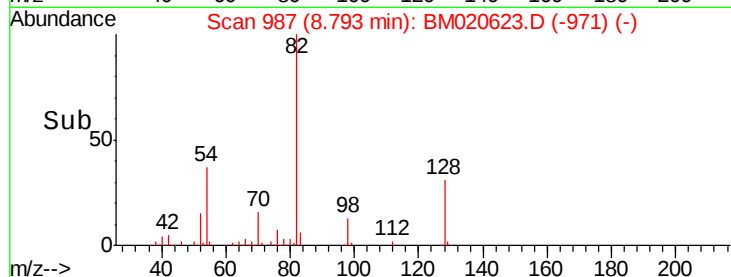
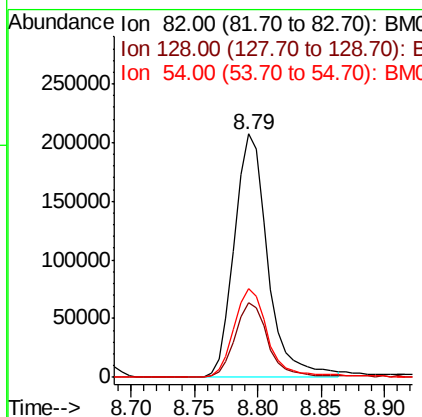
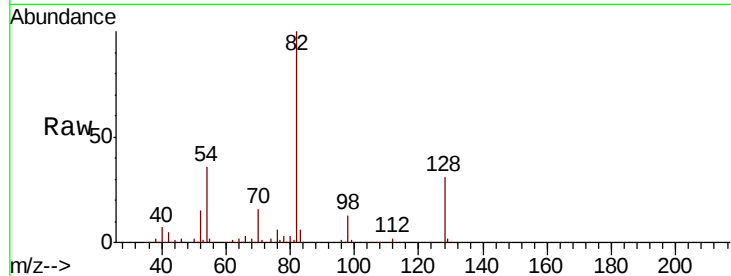
#23
Nitrobenzene-d5
Concen: 94.577 ng
RT: 8.79 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	380348
Ion	Ratio	Lower	Upper
82	100		
128	30.7	27.0	40.4
54	36.4	27.4	41.2

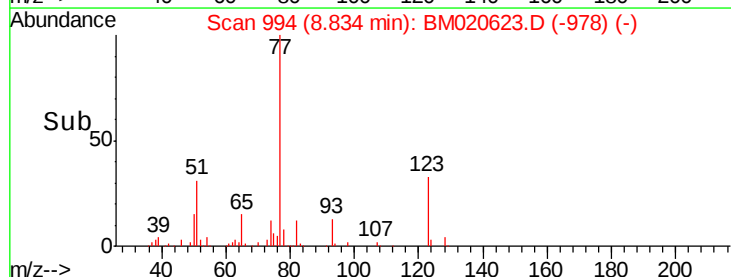
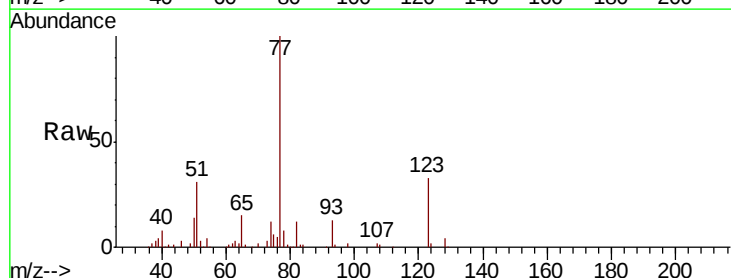
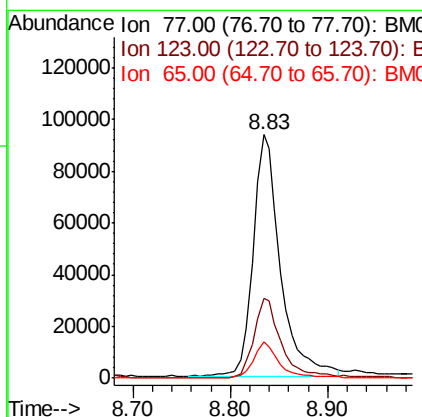
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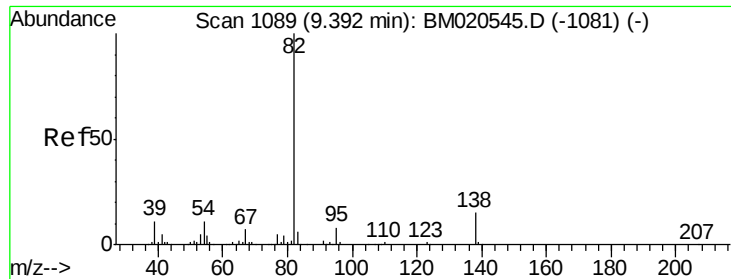
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#24
Nitrobenzene
Concen: 46.408 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	77	Resp	184317
Ion	Ratio	Lower	Upper
77	100		
123	32.8	29.4	44.2
65	14.7	10.8	16.2





#25

Isophorone

Concen: 41.673 ng

RT: 9.35 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

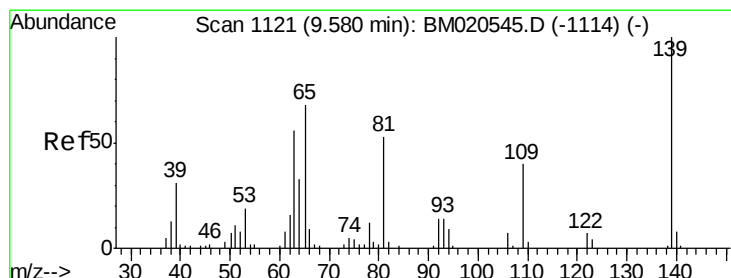
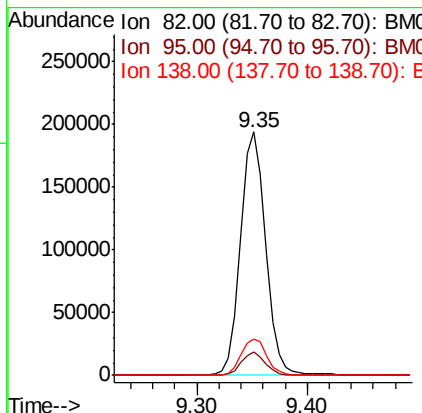
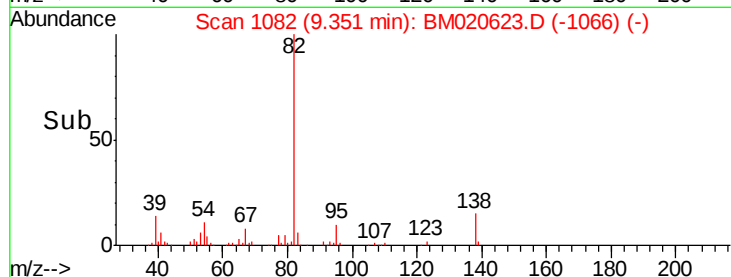
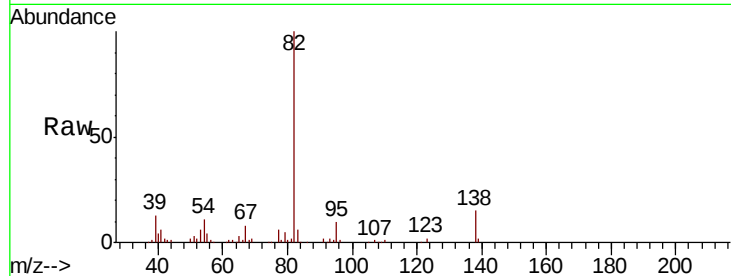
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	311843
Ion Ratio	Lower	Upper	
82	100		
95	9.6	6.7	10.1
138	15.1	12.0	18.0

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#26

2-Nitrophenol

Concen: 37.848 ng

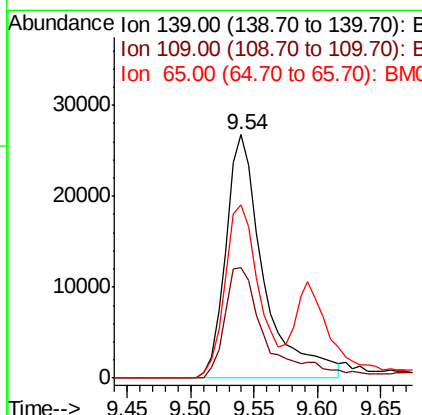
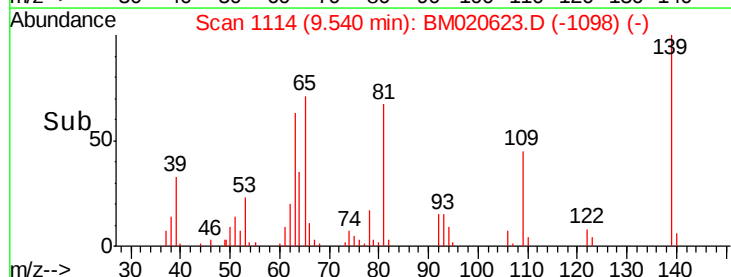
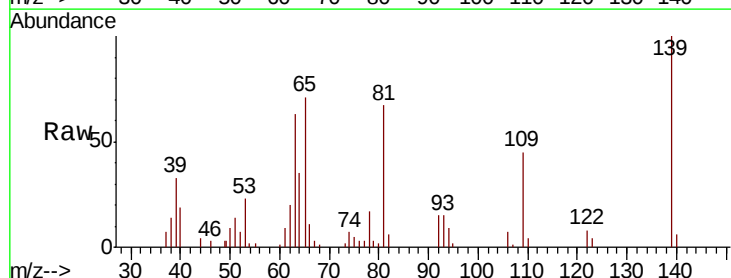
RT: 9.54 min Scan# 1114

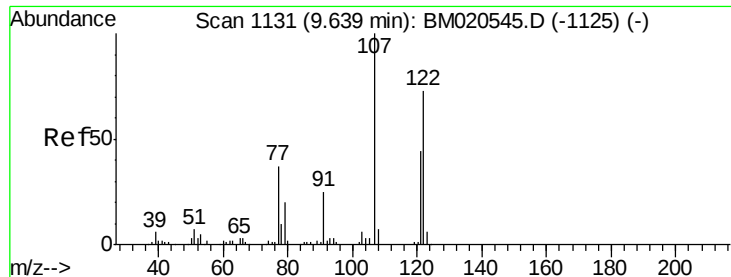
Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	139	Resp:	55465
Ion Ratio	Lower	Upper	
139	100		
109	45.3	32.3	48.5
65	71.2	54.4	81.6





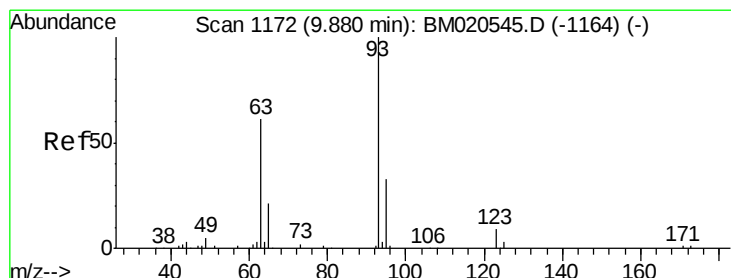
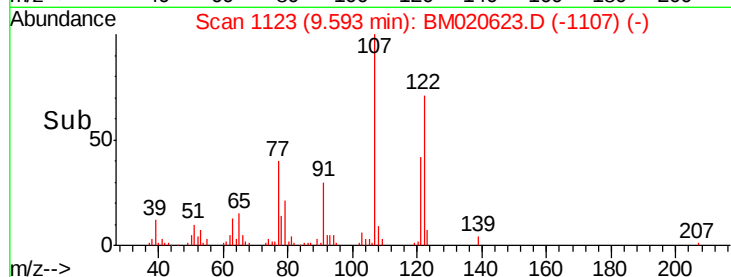
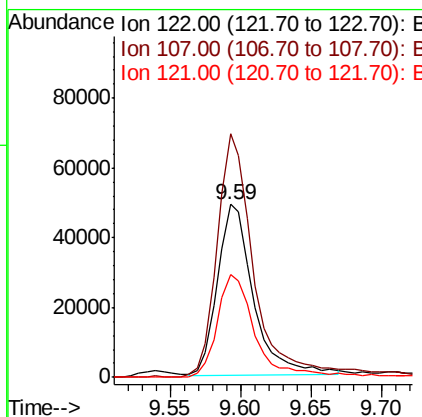
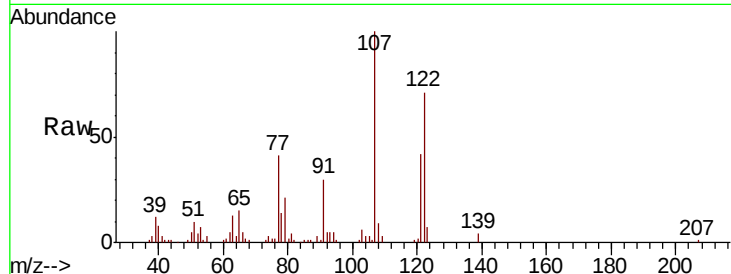
#27
2,4-Dimethylphenol
Concen: 39.825 ng
RT: 9.59 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	141.0	108.2	162.2		
121	59.7	47.4	71.0		

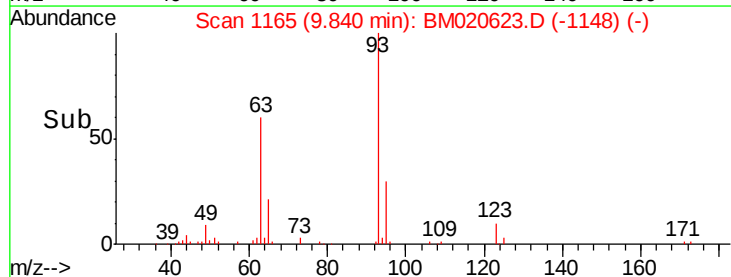
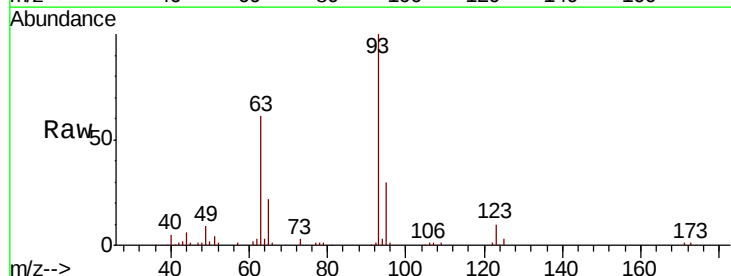
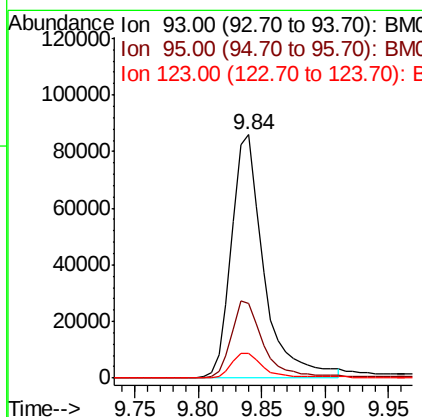
Manual Integrations
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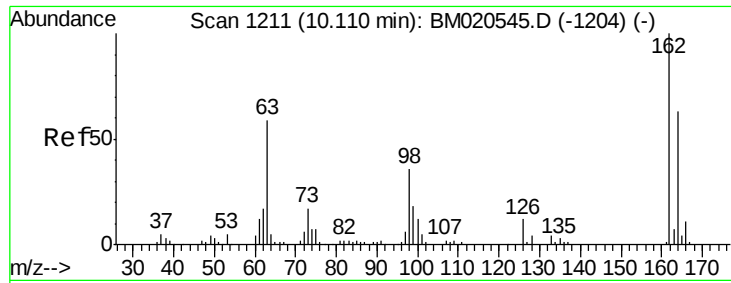
mohammad
5/31/2019 8:12:23 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.118 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	30.5	26.1	39.1		
123	10.3	8.1	12.1		





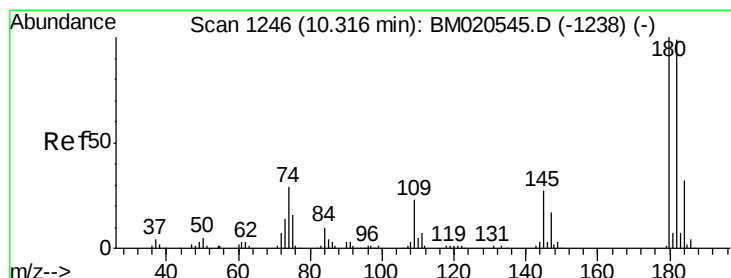
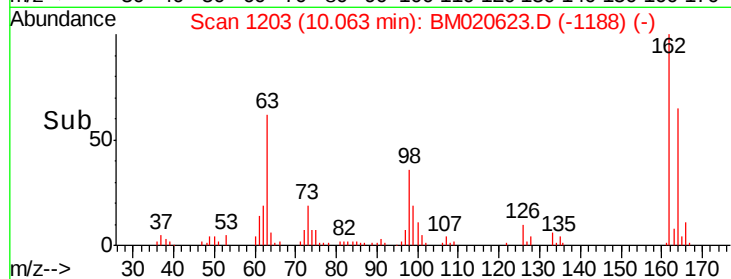
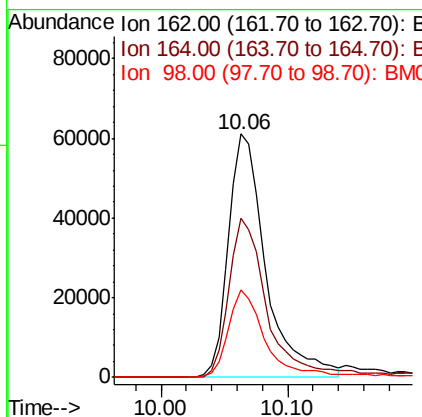
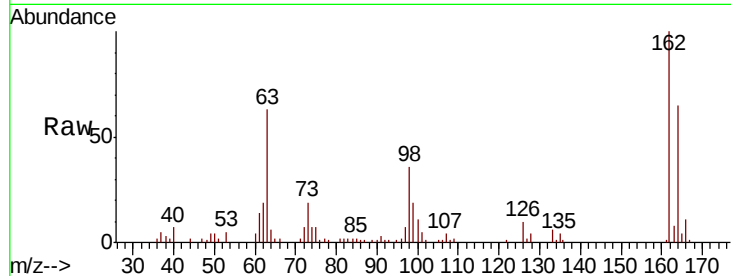
#29
 2,4-Dichlorophenol
 Concen: 43.176 ng
 RT: 10.06 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	43.1	83.1
98	35.8	16.2	56.2

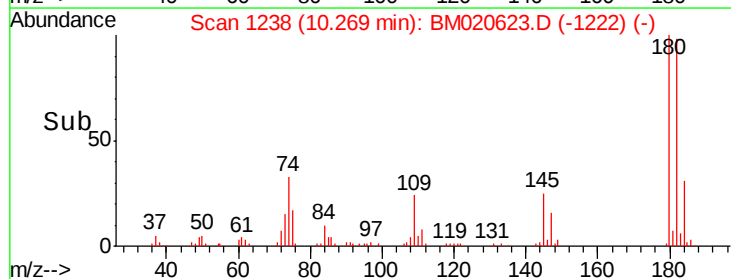
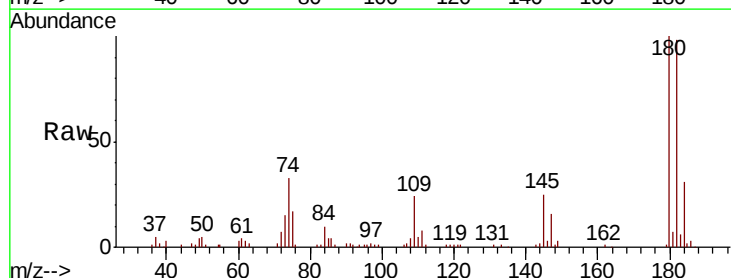
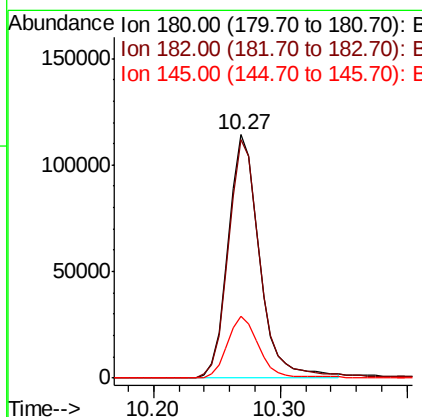
Manual Integrations
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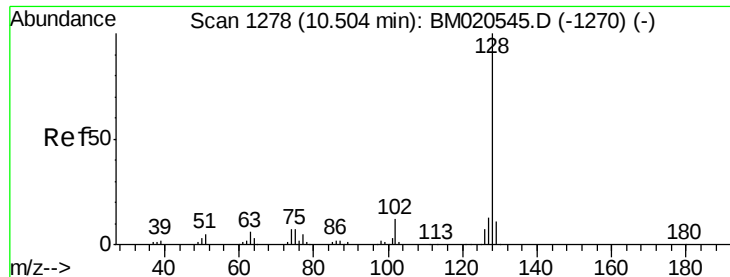
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.268 ng
 RT: 10.27 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.1	78.8	118.2
145	25.3	21.3	31.9





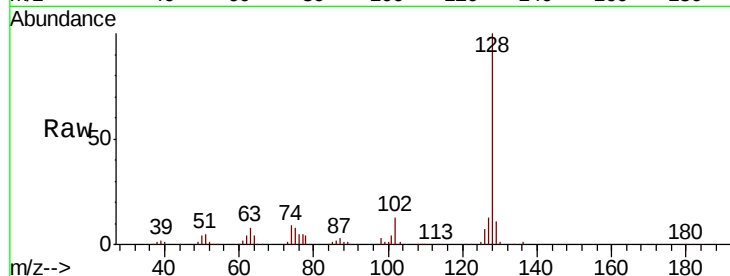
#31
Naphthalene
Concen: 43.903 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.6	10.4	15.6

Manual Integrations
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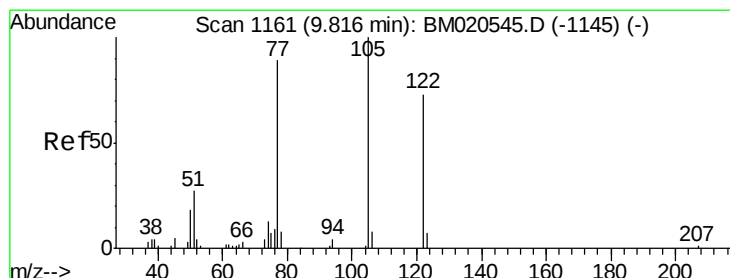
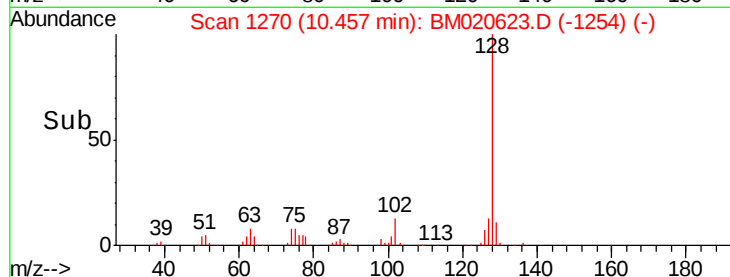
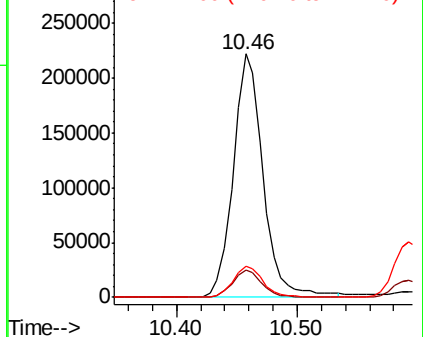


Abundance

Ion 128.00 (127.70 to 128.70): E

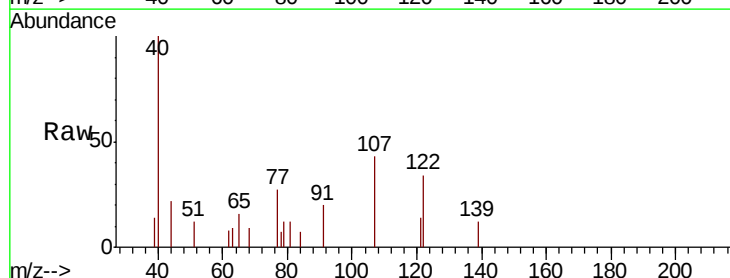
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 13.983 ng m
RT: 9.69 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.8	148.8#
77	78.0	97.8	137.8#

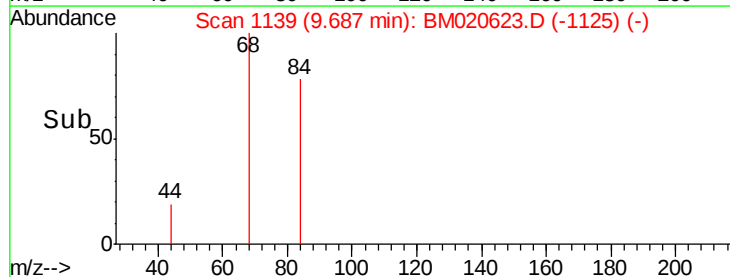
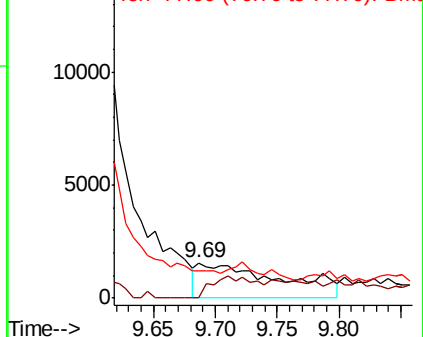


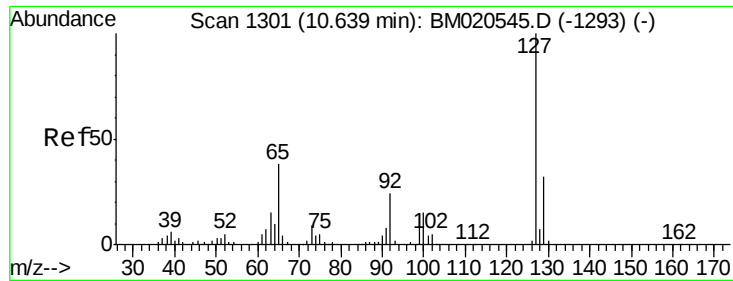
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





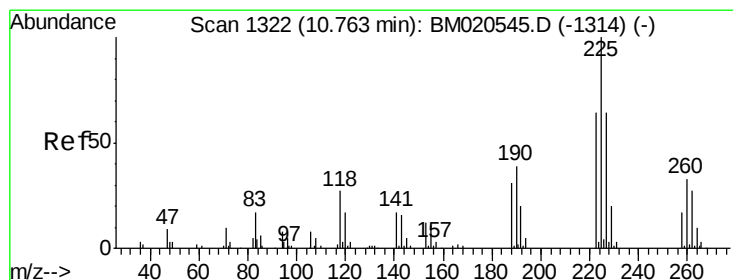
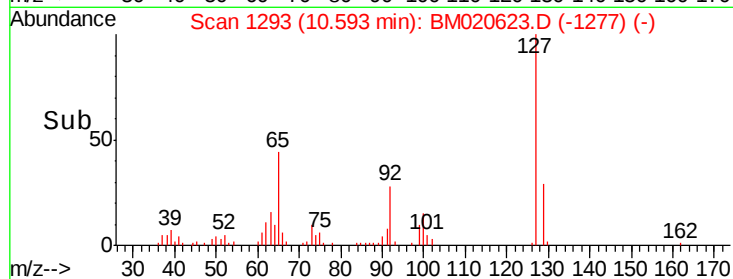
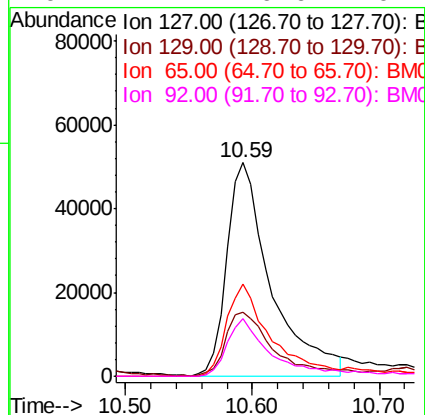
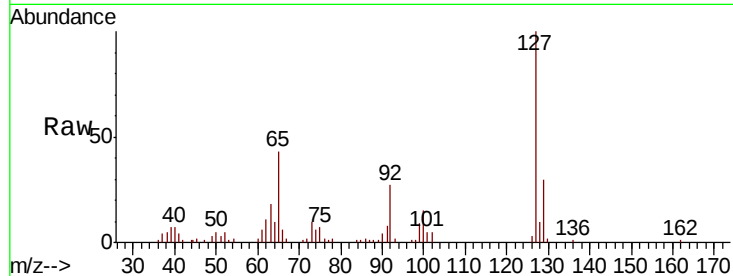
#33
4-Chloroaniline
Concen: 35.534 ng
RT: 10.59 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.2	25.4	38.2	
65	43.1	30.6	45.8	
92	27.1	19.6	29.4	

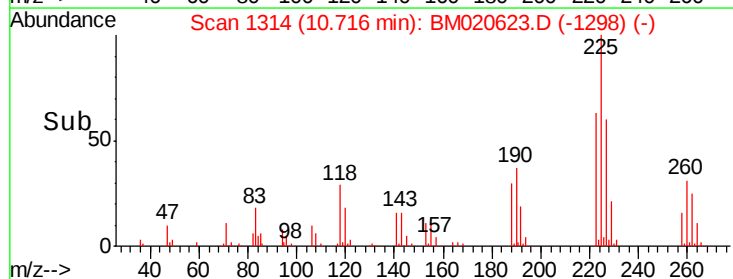
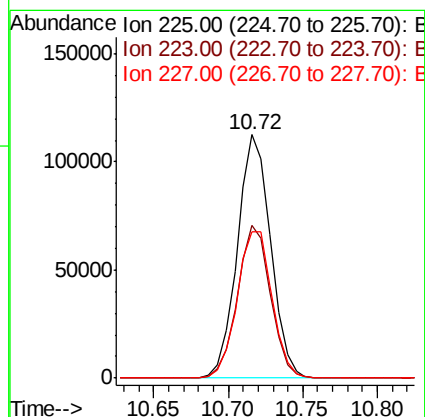
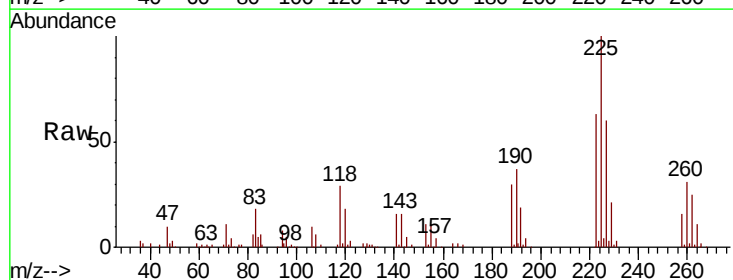
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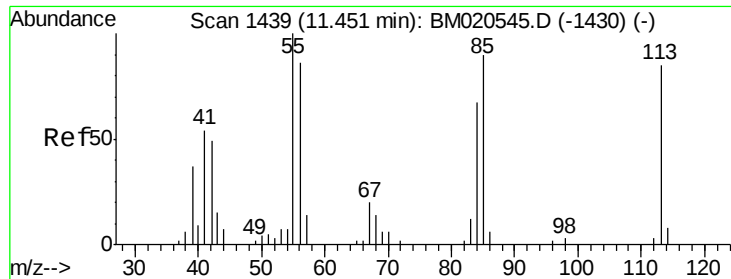
mohammad
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#34
Hexachlorobutadiene
Concen: 59.160 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	51.4	77.0	
227	60.1	51.0	76.6	





#35

Caprolactam

Concen: 34.056 ng/mL

RT: 11.41 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

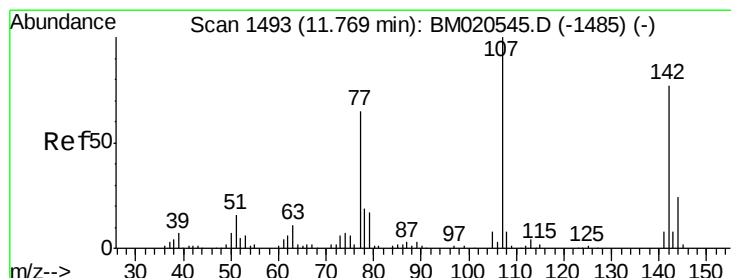
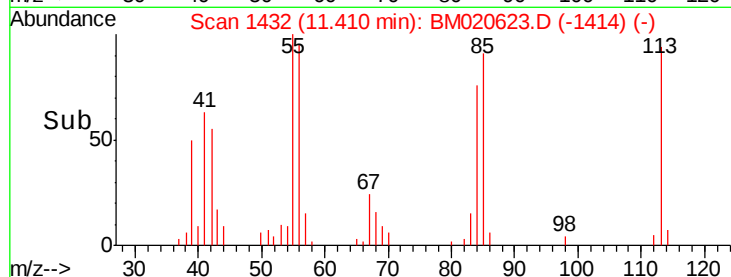
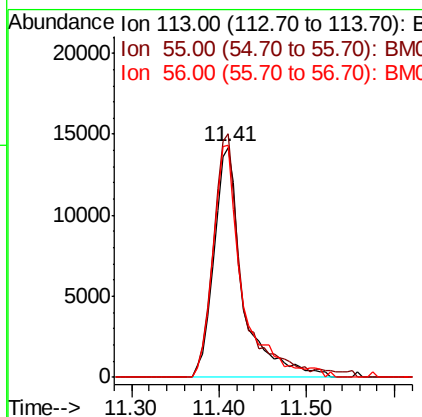
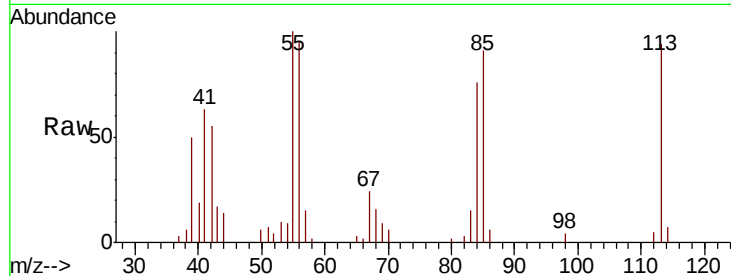
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	32544
Ion Ratio	Lower	Upper	
113	100		
55	105.9	97.6	137.6
56	100.7	81.6	121.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.399 ng/mL

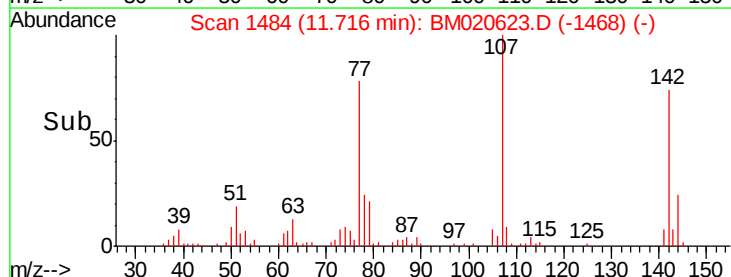
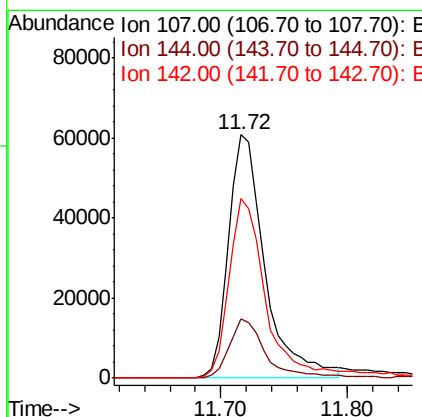
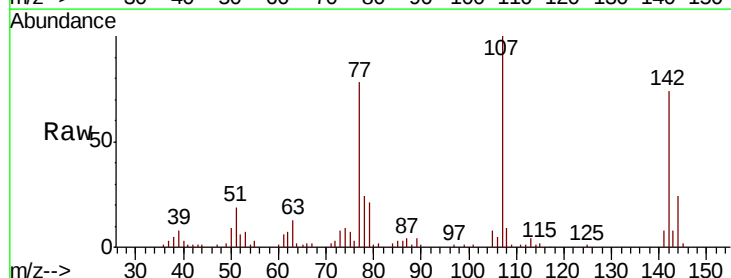
RT: 11.72 min Scan# 1484

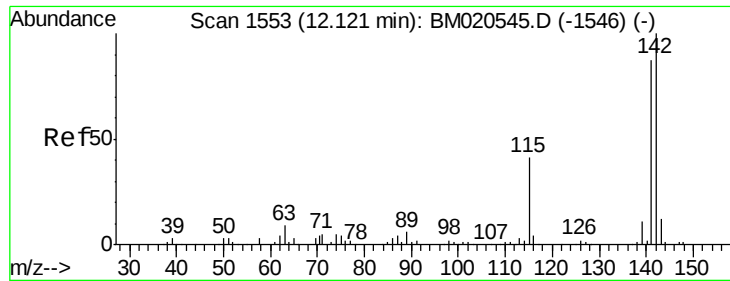
Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	107	Resp:	121327
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.0	28.6
142	73.9	61.3	91.9





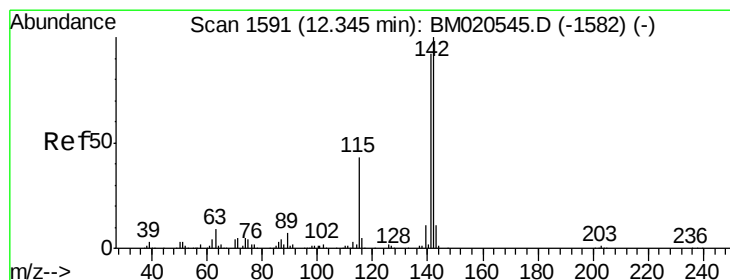
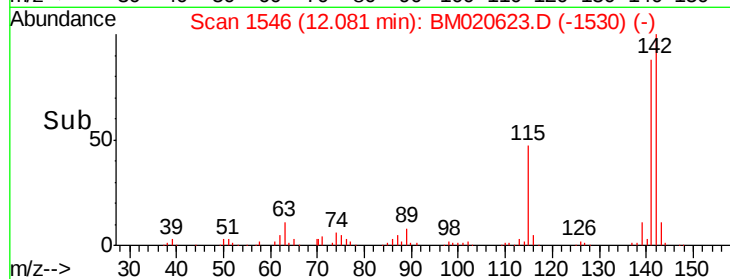
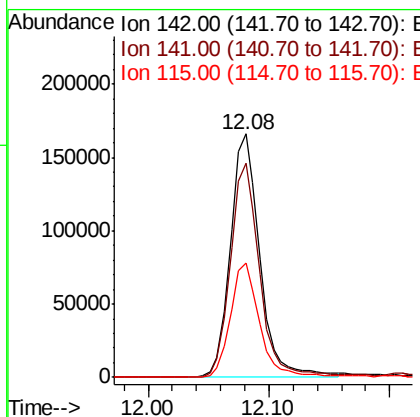
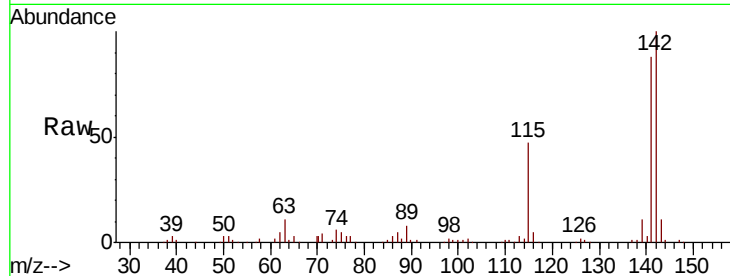
#37
2-Methylnaphthalene
Concen: 42.466 ng
RT: 12.08 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.9	104.9
115	46.8	32.9	49.3

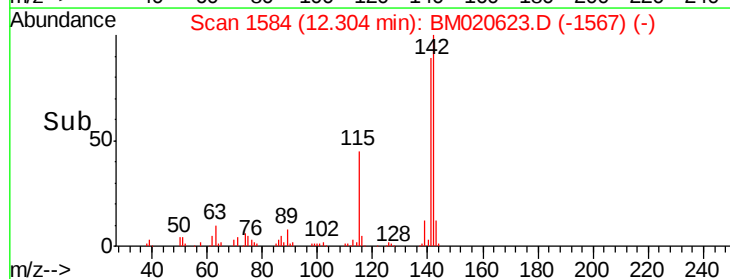
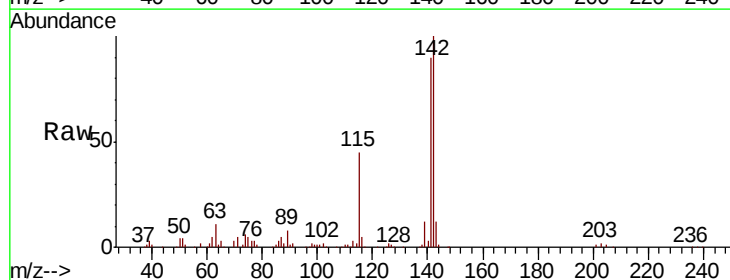
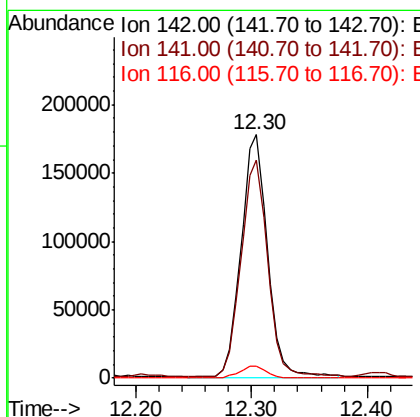
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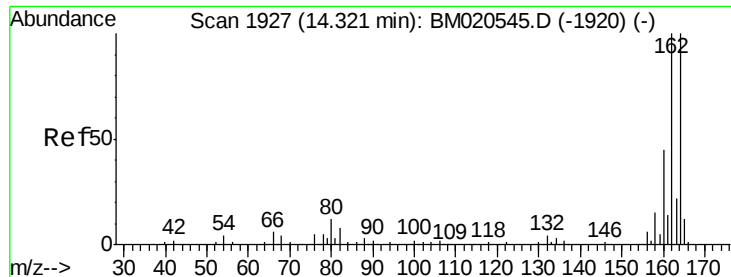
mohammad
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#38
1-Methylnaphthalene
Concen: 43.470 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.7	110.5
116	5.1	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:164 Resp: 130730

Ion Ratio Lower Upper

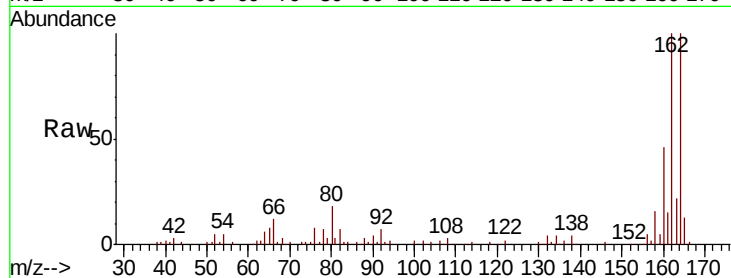
164 100

162 100.4 79.8 119.8

160 46.6 35.9 53.9

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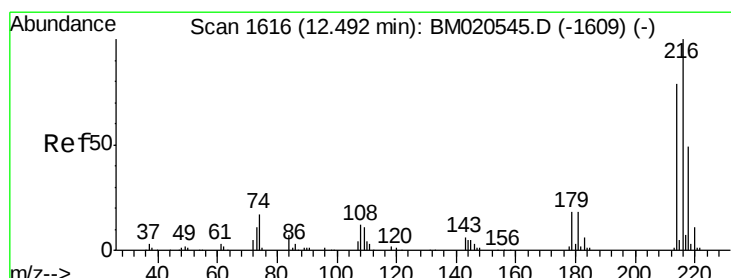
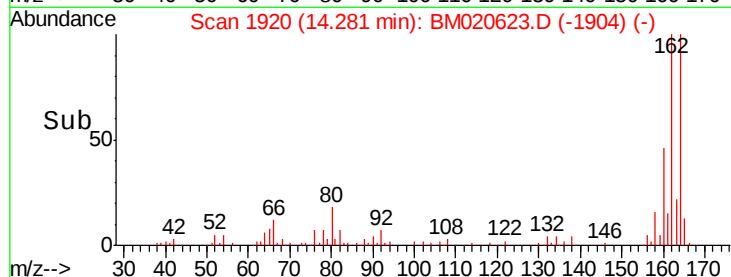
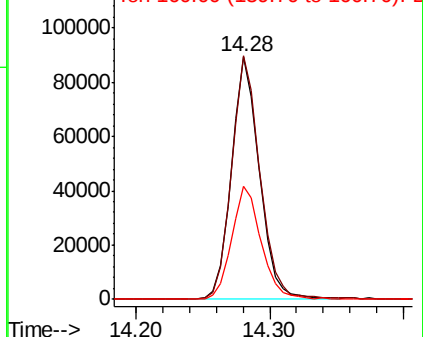


Abundance

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: 47.526 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:216 Resp: 261182

Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.6

179 18.3 14.8 22.2

108 13.6 10.5 15.7

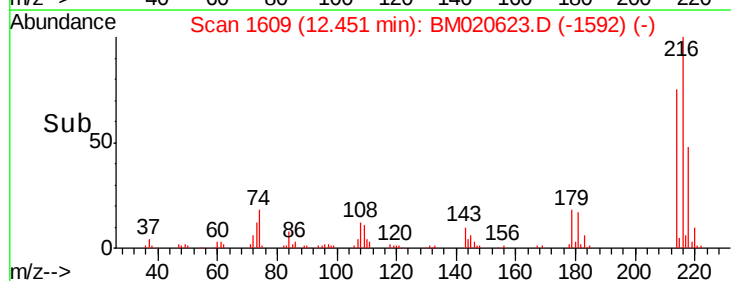
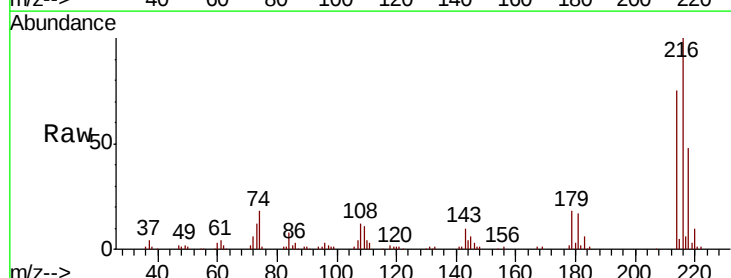
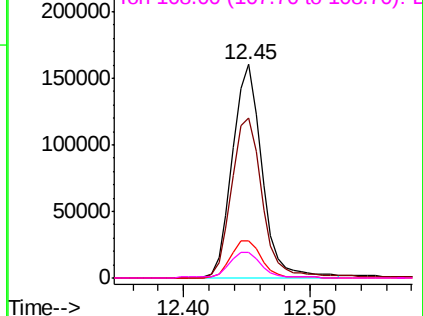
Abundance

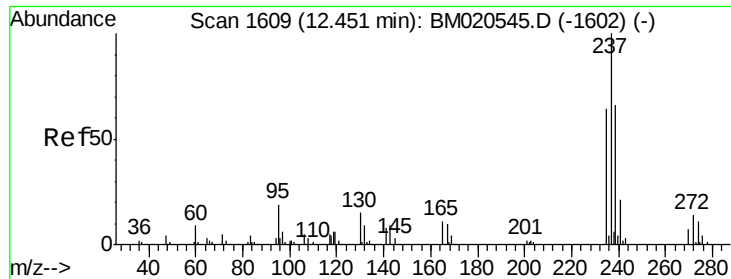
Ion 216.00 (215.70 to 216.70): E

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: 25.955 ng

RT: 12.41 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

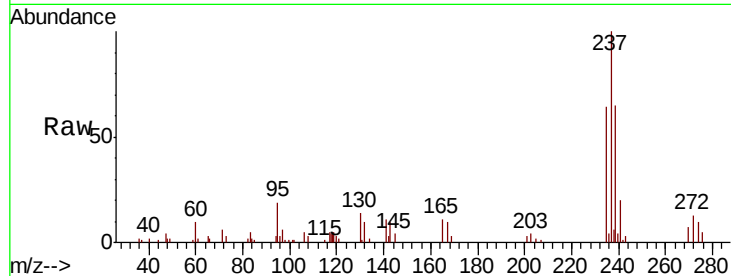
ClientSampleId :

SSTDCCC040EC

Tot Ion:	237	Resp:	53015
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.5	83.5
272	13.5	0.0	33.9

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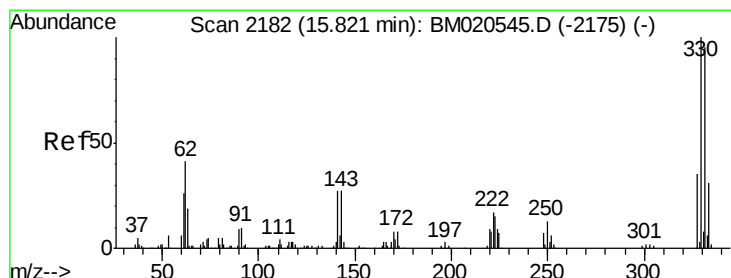
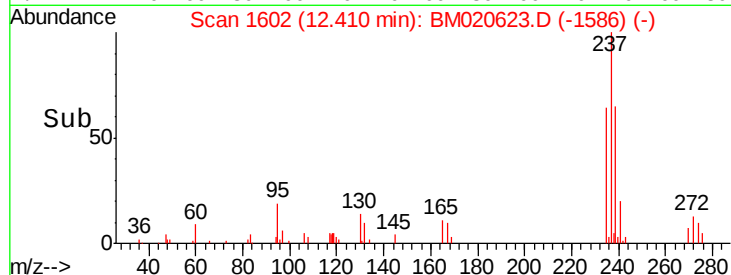
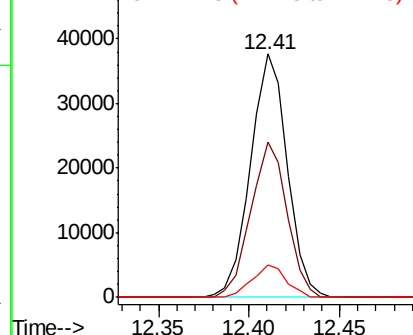


Abundance

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: 91.614 ng

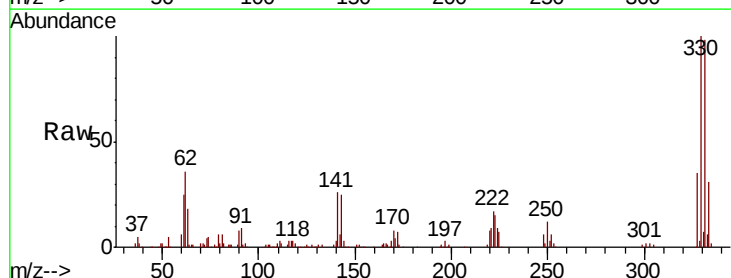
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	330	Resp:	239948
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.5	116.3
141	27.4	21.7	32.5

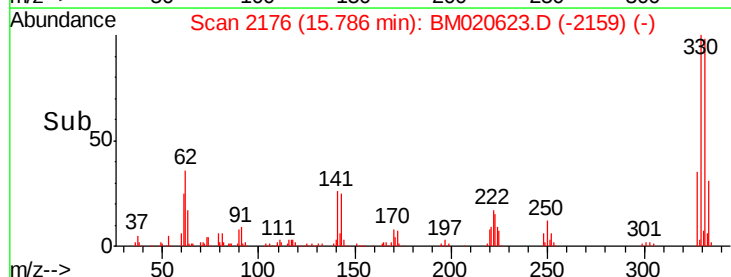
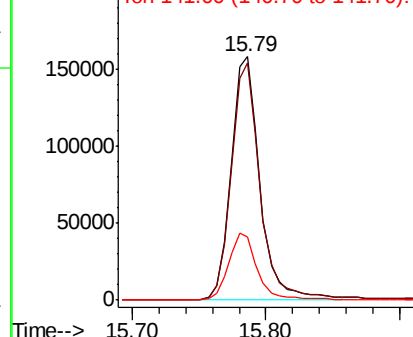


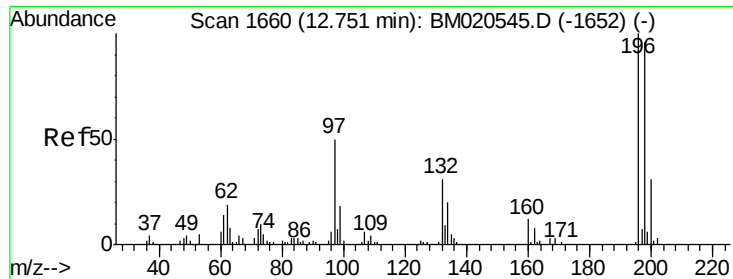
Abundance

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





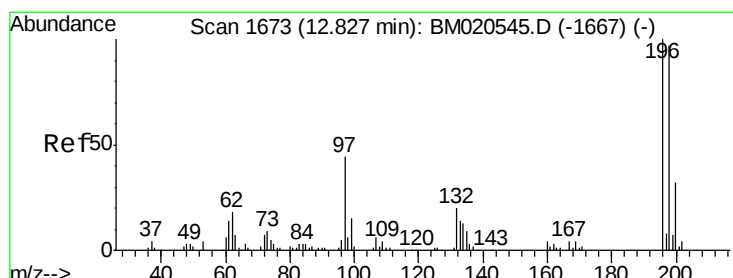
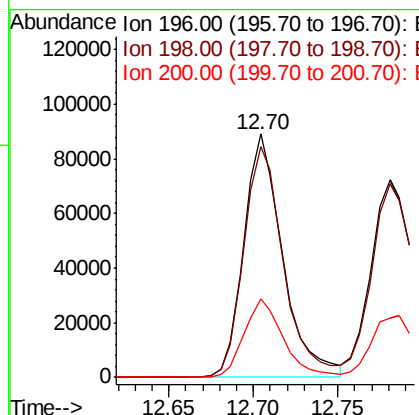
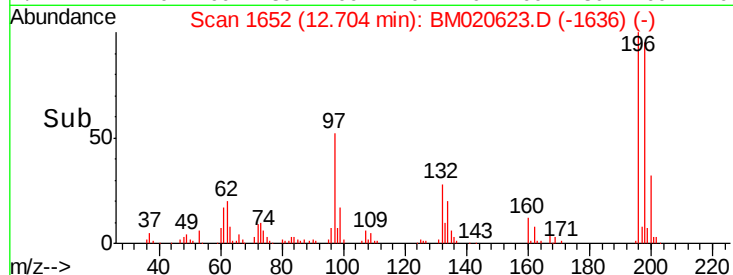
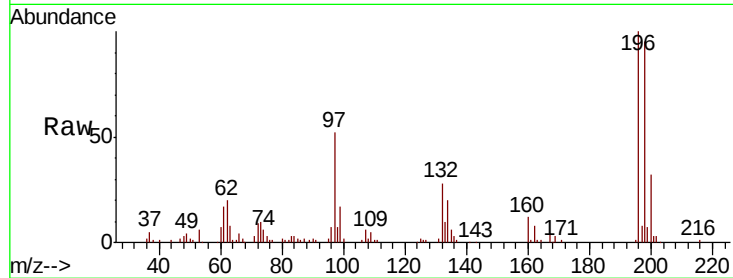
#43
 2,4,6-Trichlorophenol
 Concen: 42.248 ng
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.4	114.6
200	32.3	25.0	37.4

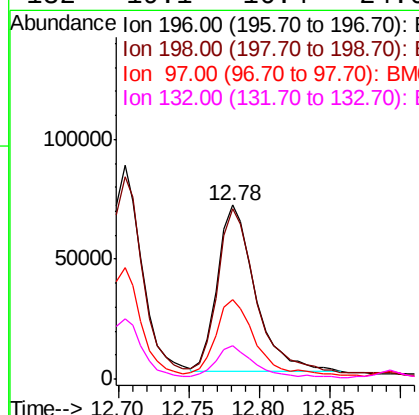
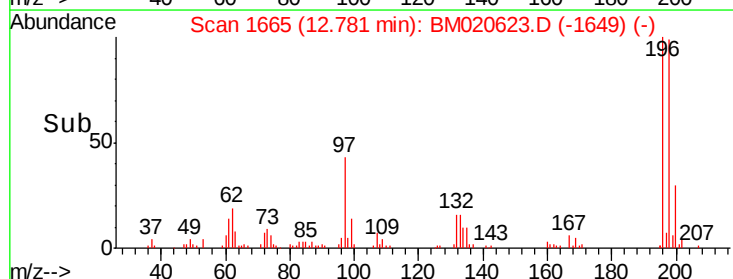
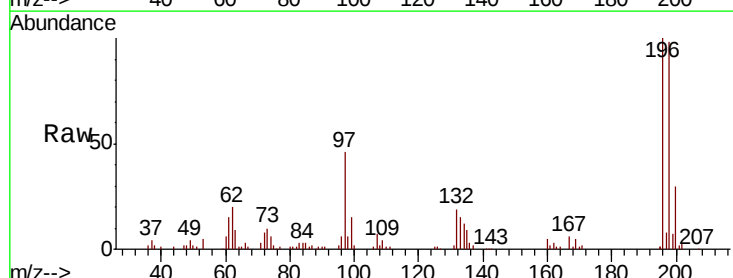
Manual Integrations
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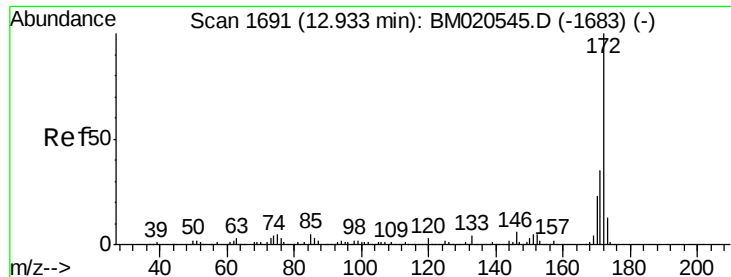
mohammad
 5/31/2019 8:12:23 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.177 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.6	116.4
97	45.9	35.4	53.0
132	19.1	16.4	24.6





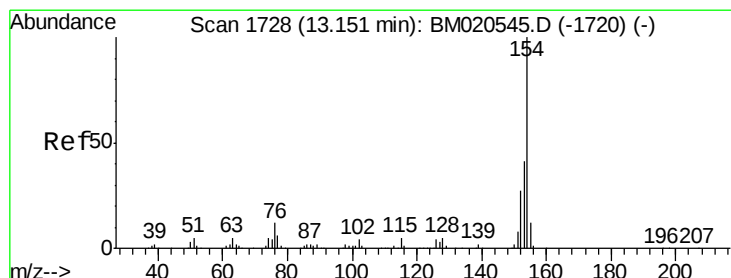
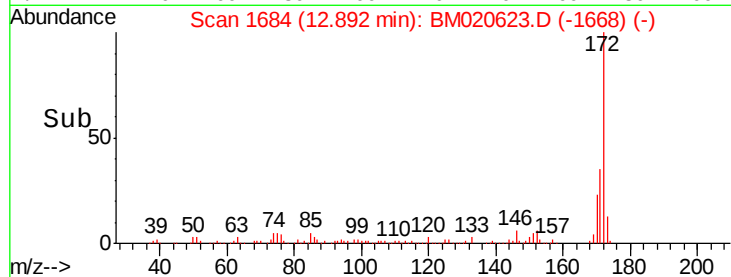
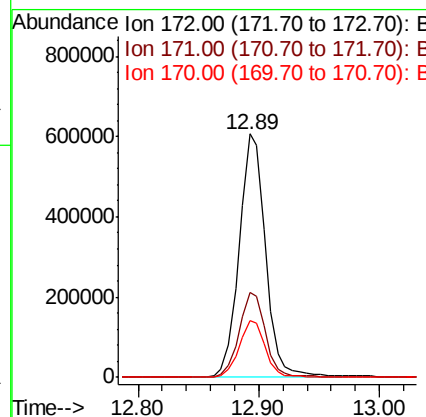
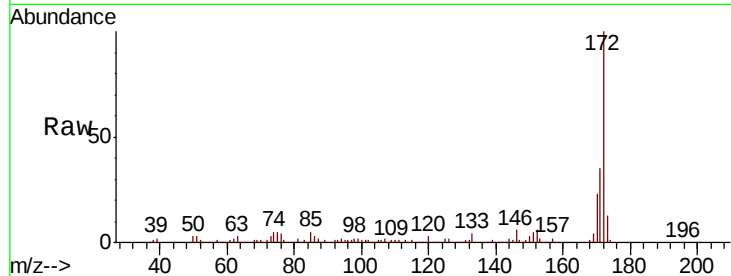
#45
2-Fluorobiphenyl
Concen: 88.882 ng
RT: 12.89 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.0	18.2	27.4

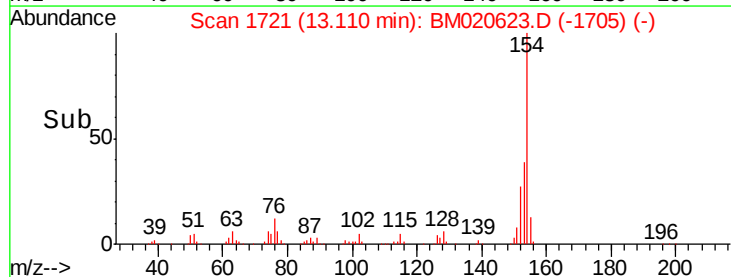
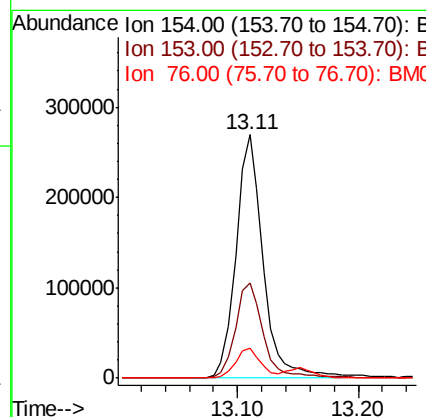
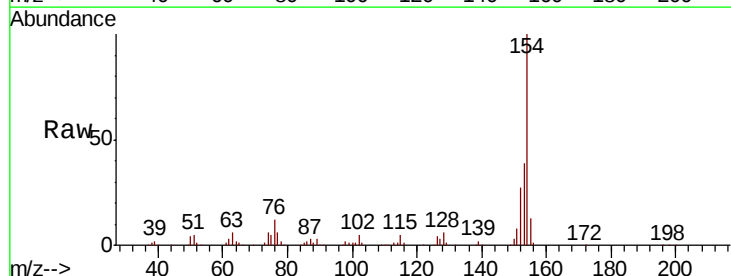
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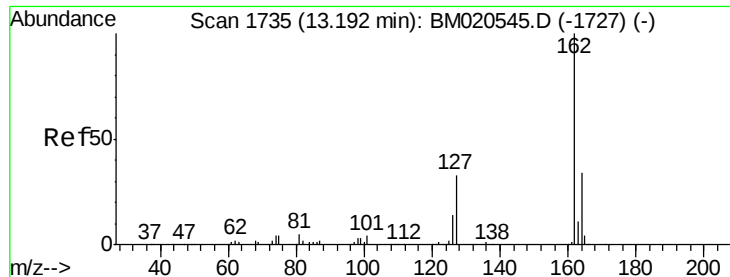
mohammad
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#46
1,1'-Biphenyl
Concen: 41.737 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.6	60.6
76	12.2	0.0	32.2





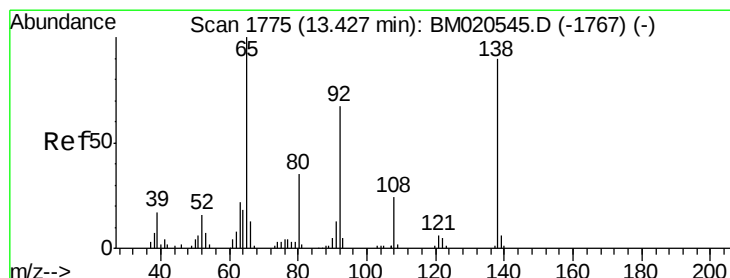
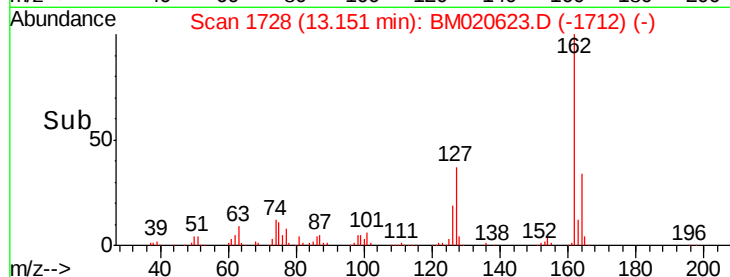
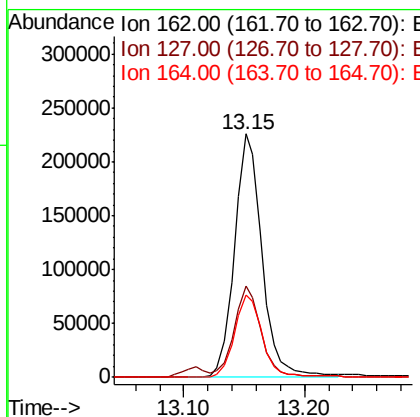
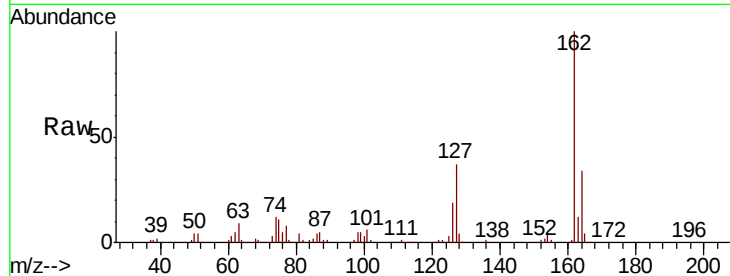
#47
 2-Chloronaphthalene
 Concen: 42.211 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.2	43.8
164	34.0	27.4	41.2

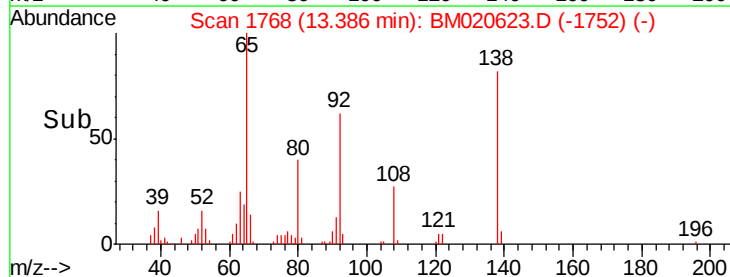
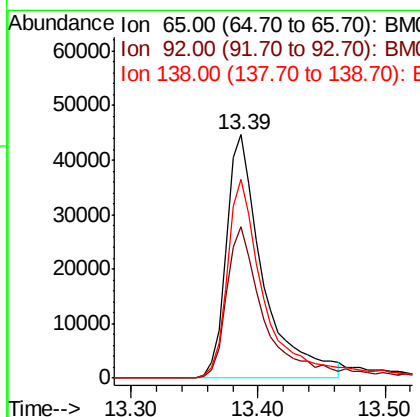
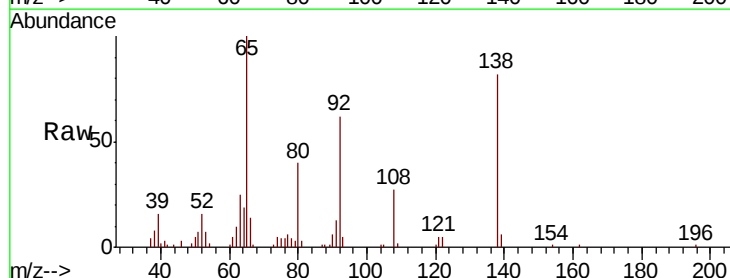
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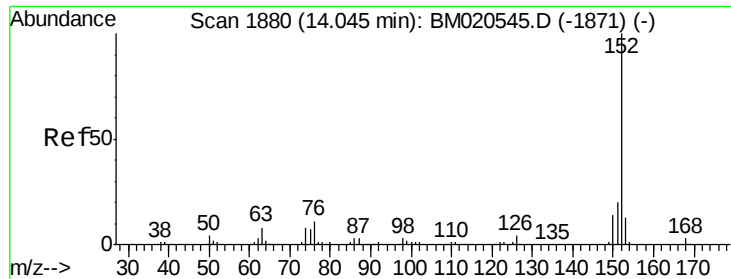
mohammad
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#48
 2-Nitroaniline
 Concen: 35.044 ng
 RT: 13.39 min Scan# 1768
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.0	53.6	80.4
138	81.6	72.0	108.0





#49

Acenaphthylene

Concen: 40.961 ng

RT: 14.00 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 531663

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

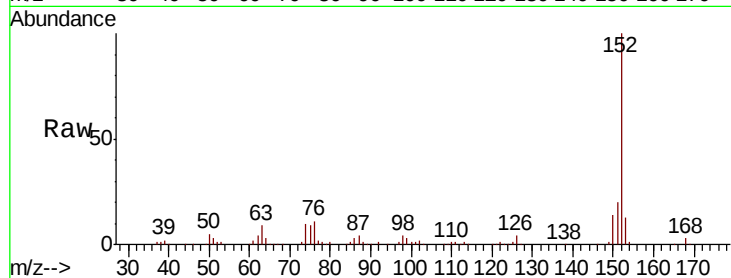
153 13.4 10.2 15.2

Manual Integrations

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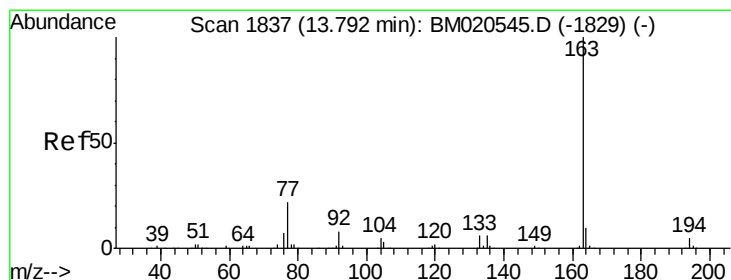
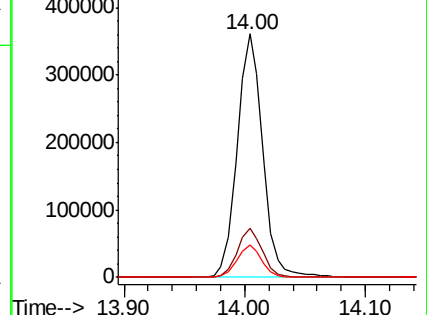
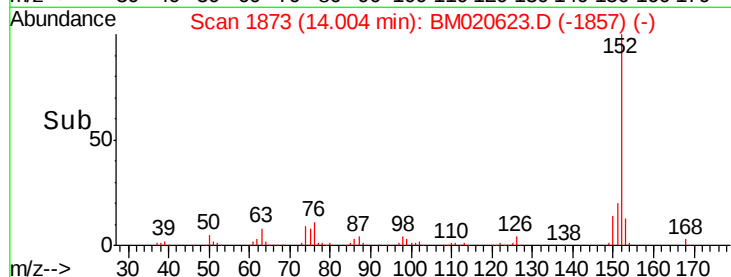
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.779 ng

RT: 13.75 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

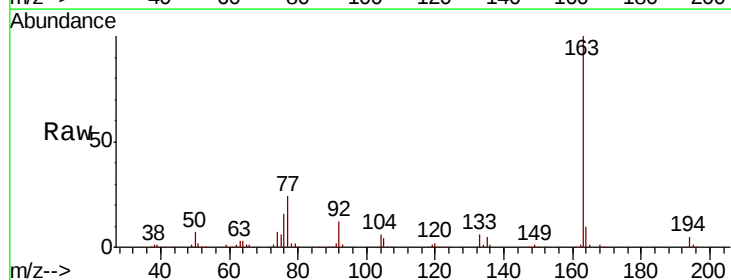
Tgt Ion:163 Resp: 472193

Ion Ratio Lower Upper

163 100

194 4.7 3.9 5.9

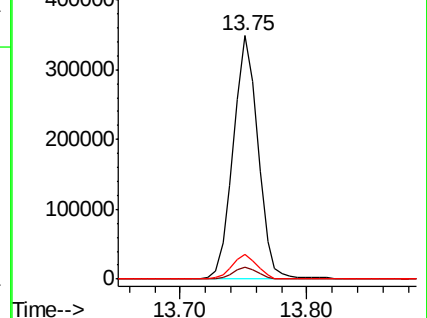
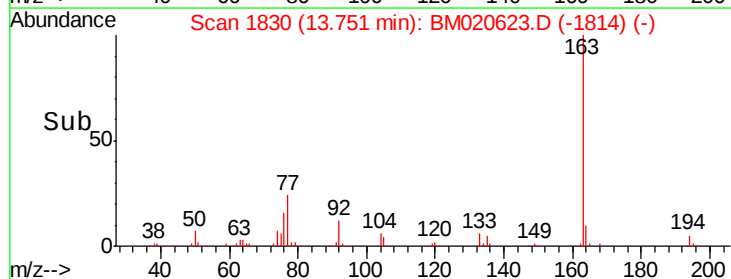
164 10.2 8.0 12.0

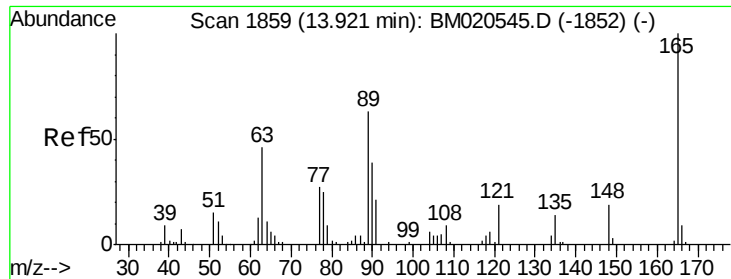


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





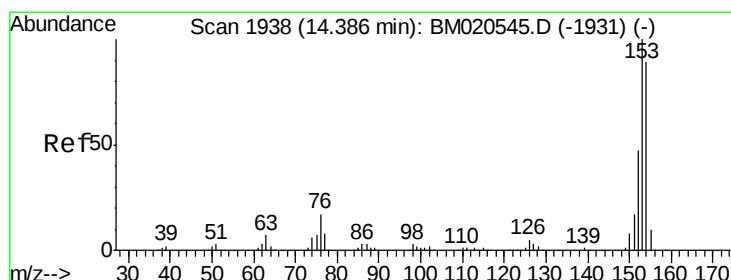
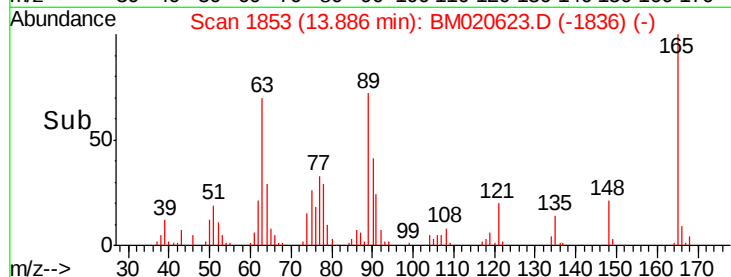
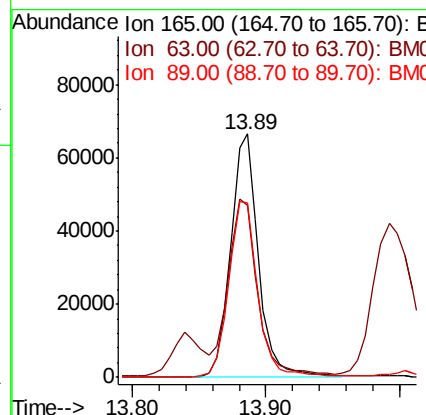
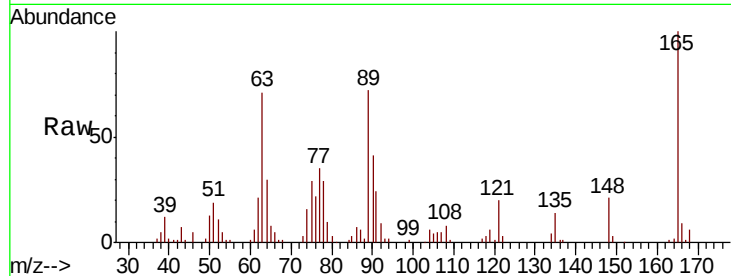
#51
2,6-Dinitrotoluene
Concen: 40.515 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	70.8	49.6	74.4
89	71.6	50.8	76.2

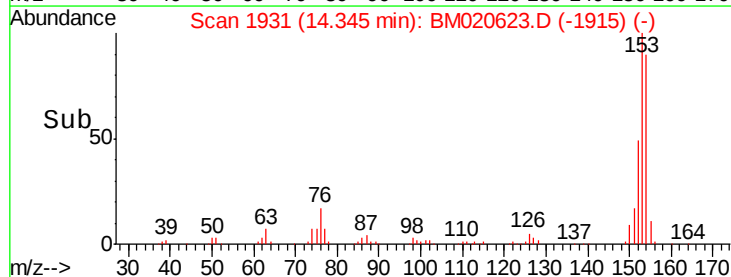
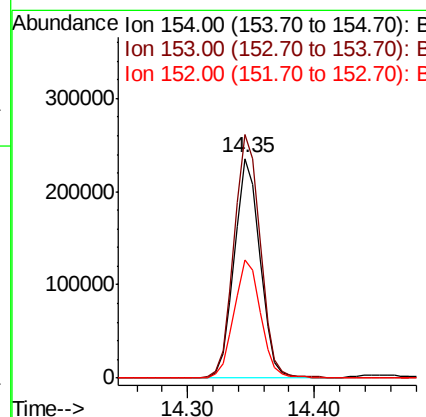
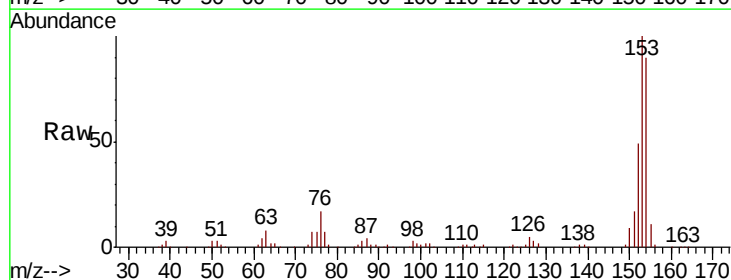
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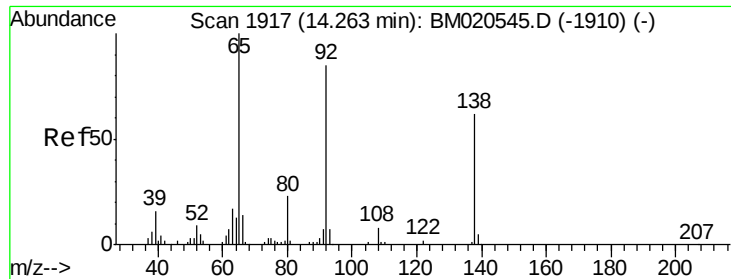
mohammad
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#52
Acenaphthene
Concen: 42.240 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.2	135.4
152	54.1	42.0	63.0





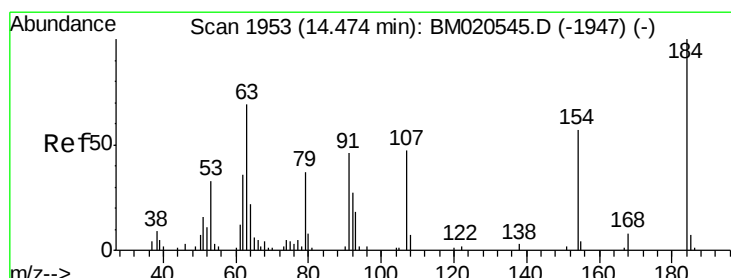
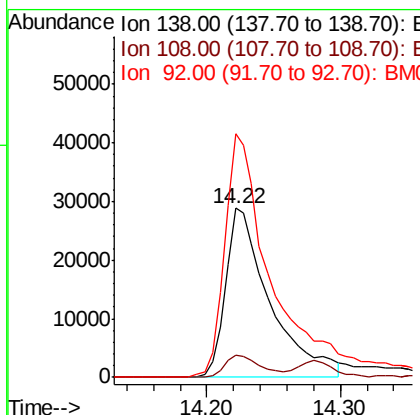
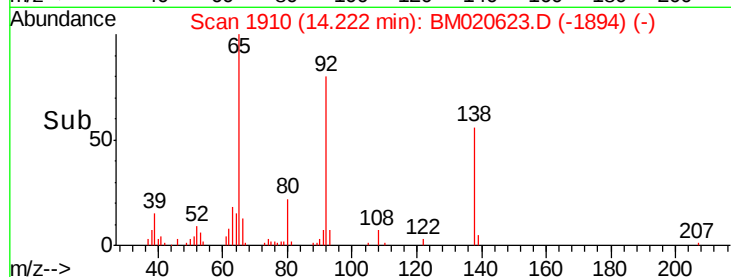
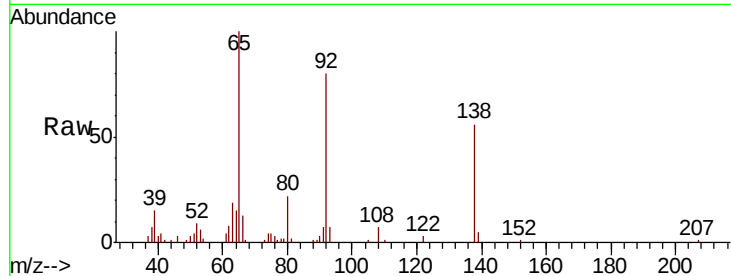
#53
3-Nitroaniline
Concen: 33.038 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	10.1	15.1
92	144.0	109.5	164.3

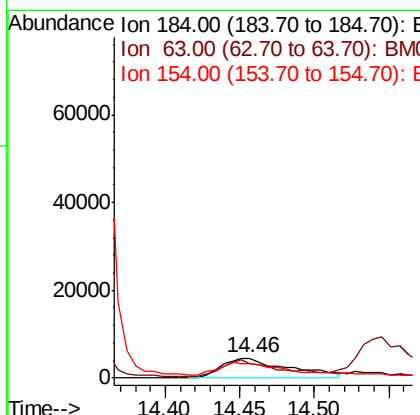
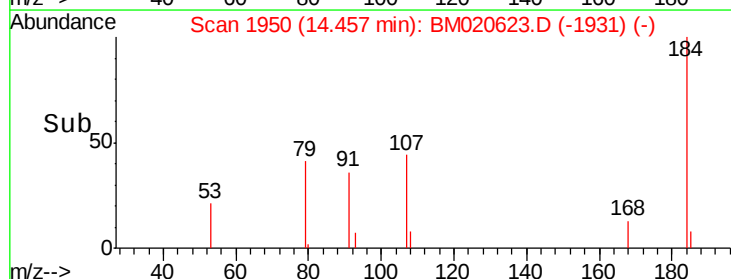
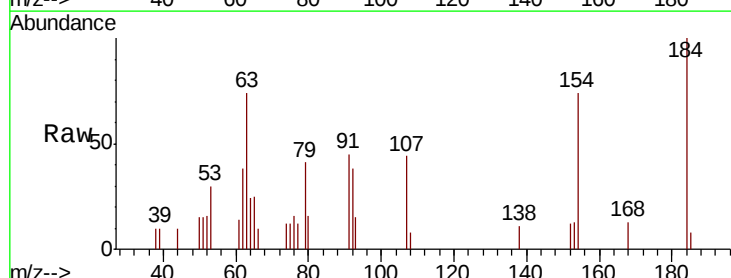
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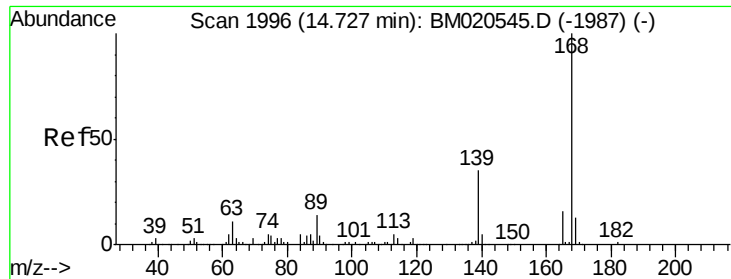
mohammad
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#54
2,4-Dinitrophenol
Concen: 18.811 ng
RT: 14.46 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.0	56.3	84.5
154	73.5	49.0	73.6





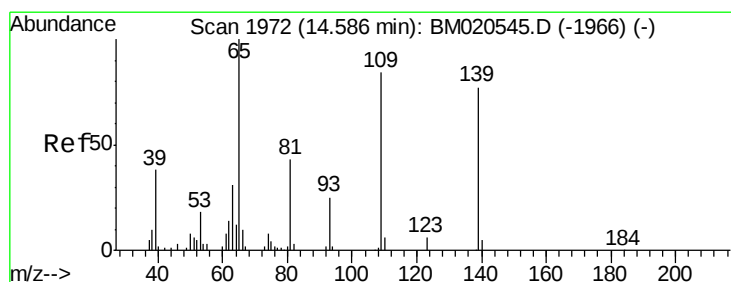
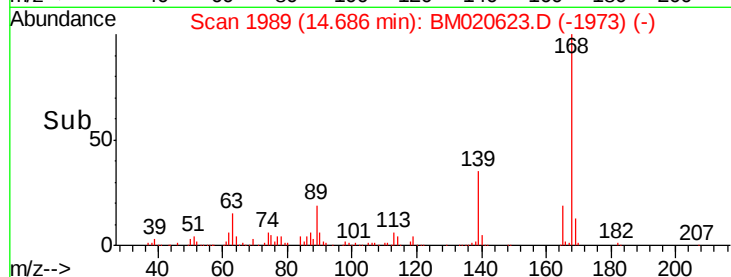
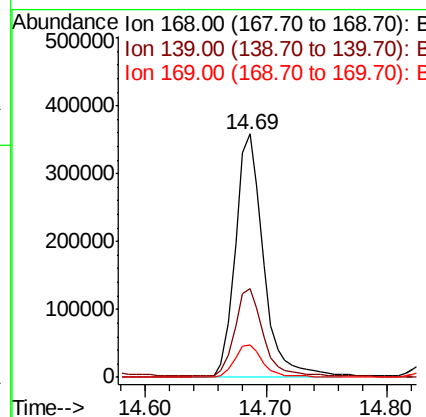
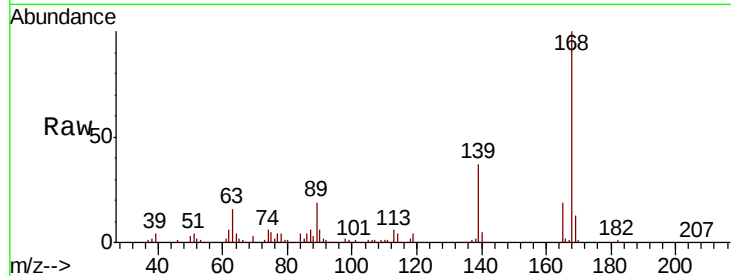
#55
Dibenzenofuran
Concen: 43.263 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100	585580		
139	36.6		28.2	42.4
169	13.1		10.6	16.0

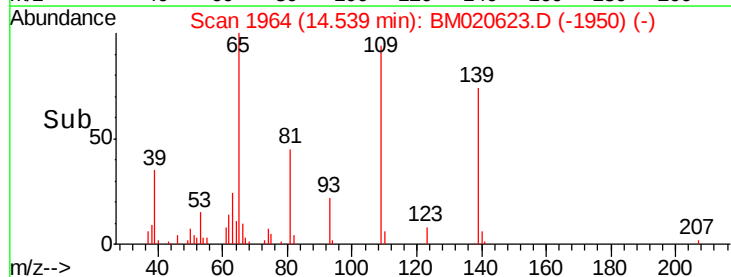
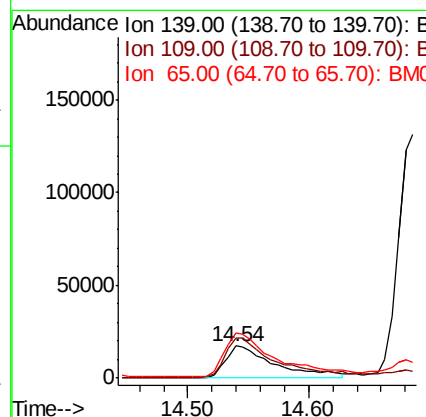
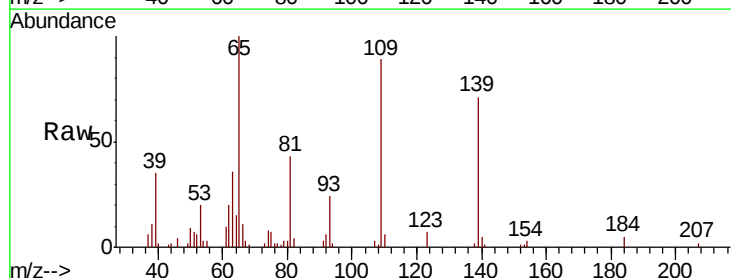
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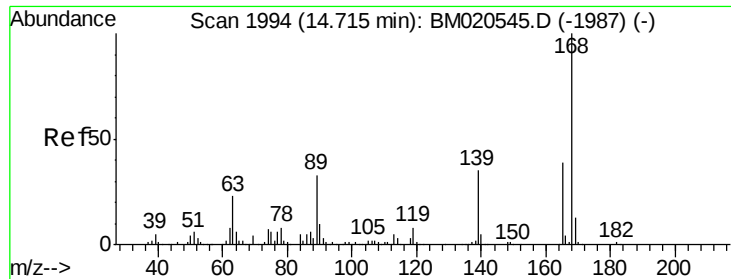
mohammad
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#56
4-Nitrophenol
Concen: 36.500 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	49479		
109	126.1		89.4	129.4
65	141.3		113.3	153.3





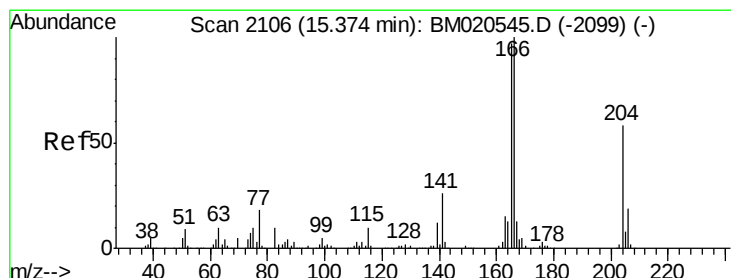
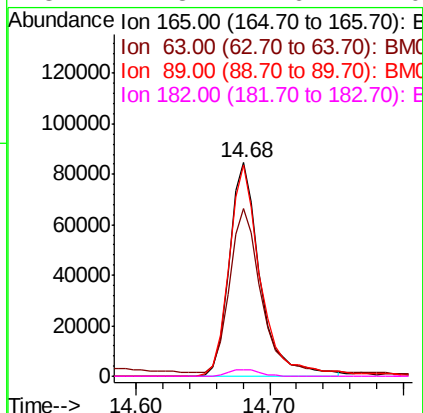
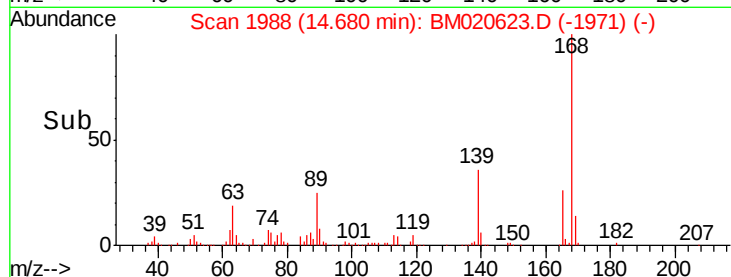
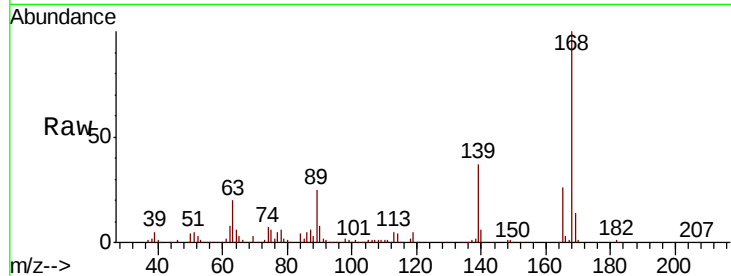
#57
2,4-Dinitrotoluene
Concen: 39.222 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	136694		
63	78.6	48.7	73.1#	
89	98.8	68.8	103.2	
182	2.8	2.6	4.0	

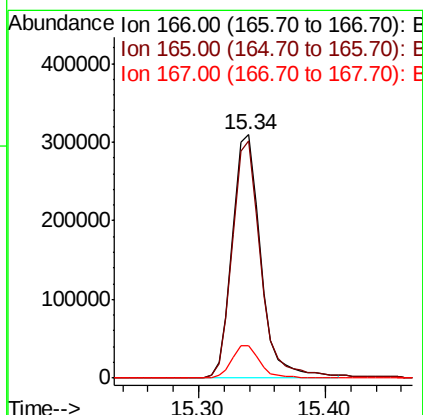
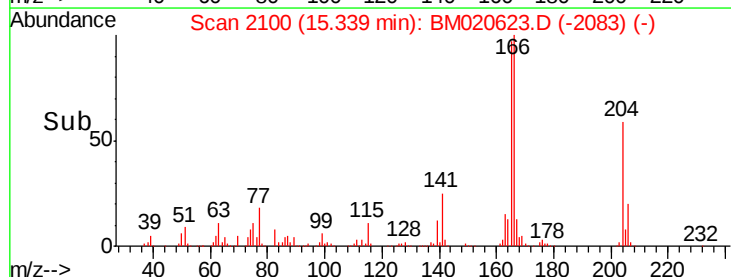
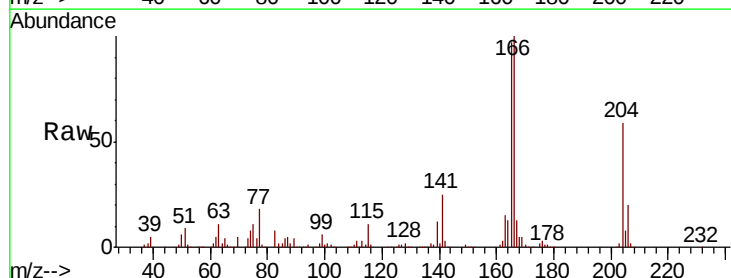
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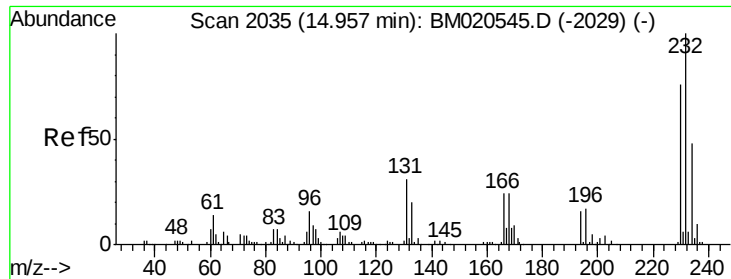
mohammad
5/31/2019 8:12:23 AM



#58
Fluorene
Concen: 42.782 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	481023		
165	97.4	77.4	116.0	
167	13.3	10.6	16.0	





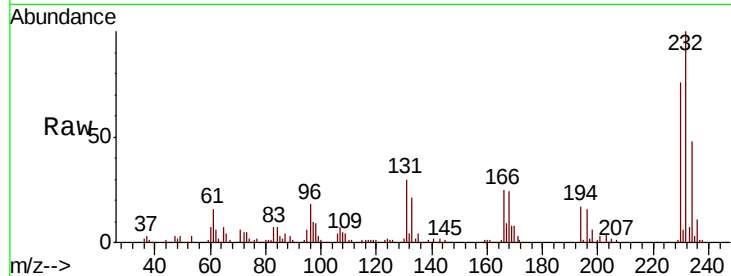
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.568 ng
RT: 14.92 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.2	25.4	38.0
130	2.0	1.5	2.3
166	24.2	19.7	29.5

Manual Integrations
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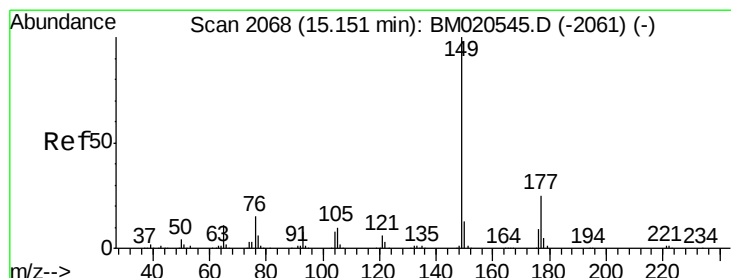
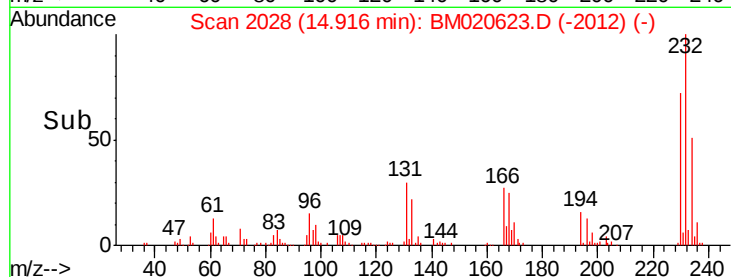
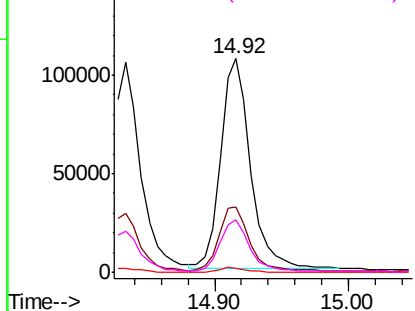
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

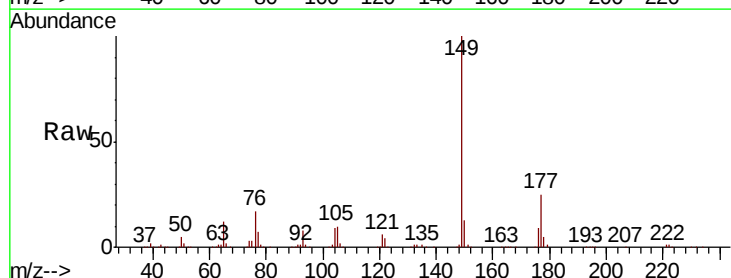
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.877 ng
RT: 15.12 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.8	29.8
150	12.7	10.2	15.2

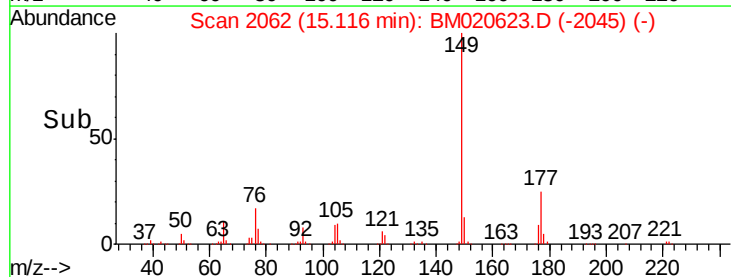
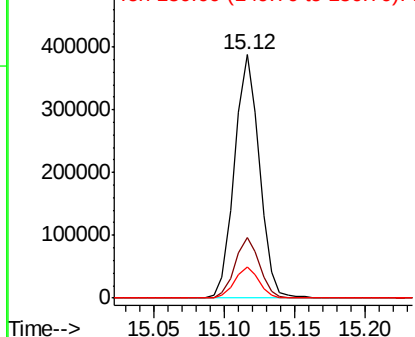


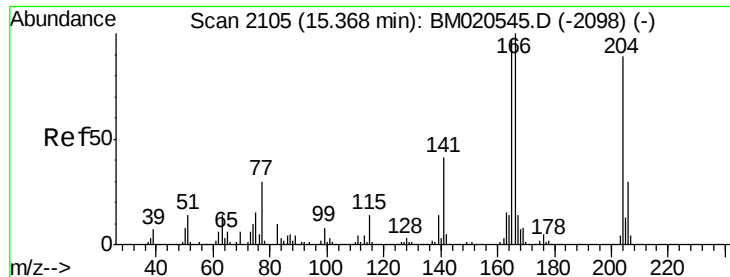
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





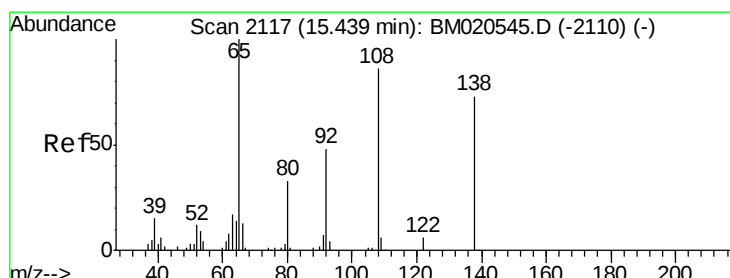
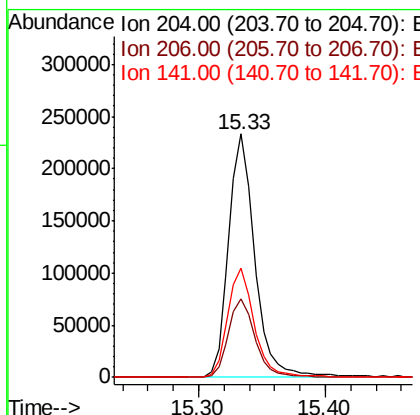
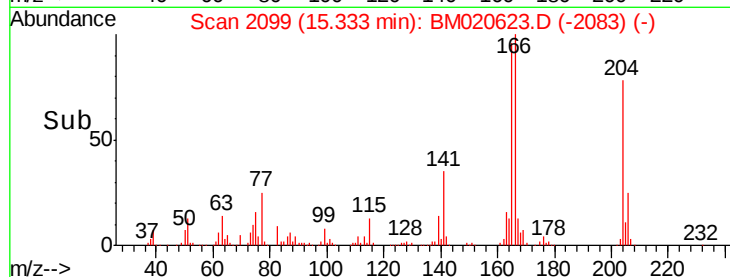
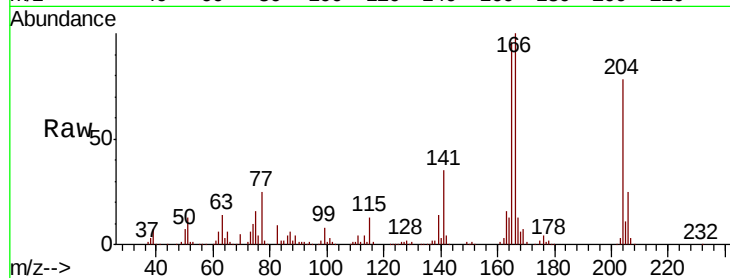
#61
4-Chlorophenyl-phenylether
Concen: 46.457 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	40.0
141	44.6	36.9	55.3

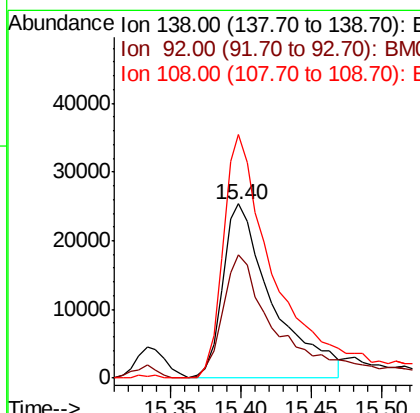
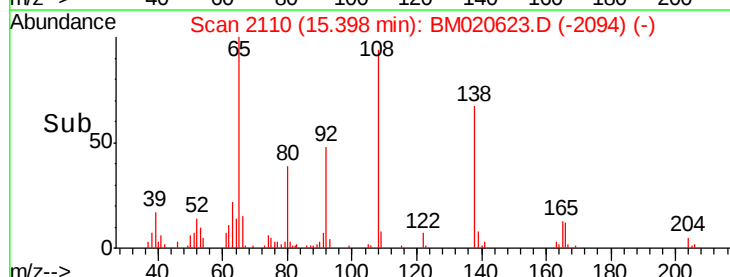
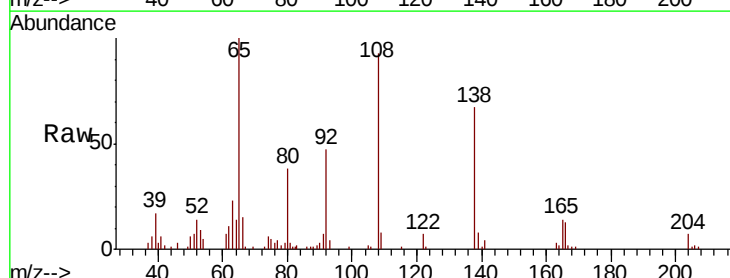
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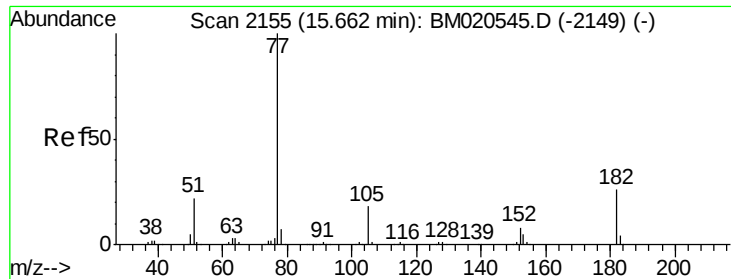
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#62
4-Nitroaniline
Concen: 30.767 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	71.1	44.5	84.5
108	139.7	95.9	135.9#





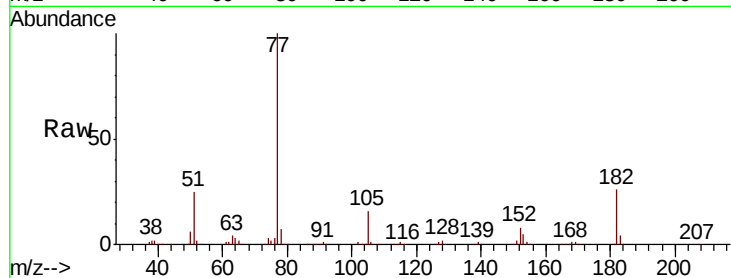
#63
Azobenzene
Concen: 44.811 ng
RT: 15.63 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		497475		
182	26.1	5.7	45.7		
105	15.6	0.0	37.6		
51	24.8	1.7	41.7		

Manual Integrations
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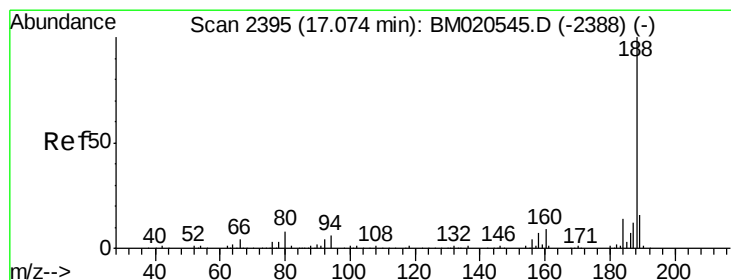
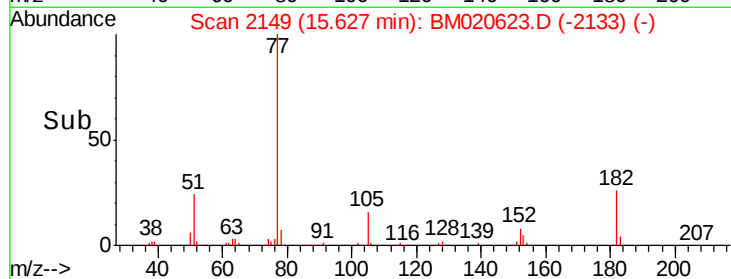
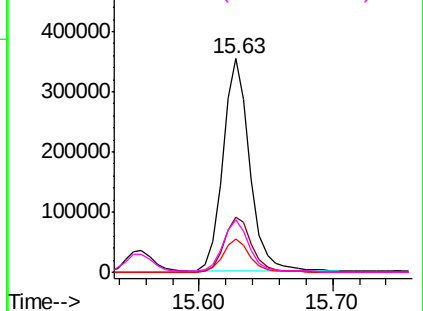
Abundance

Ion 77.00 (76.70 to 77.70): BM020623.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020623.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020623.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020623.D (-2149) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

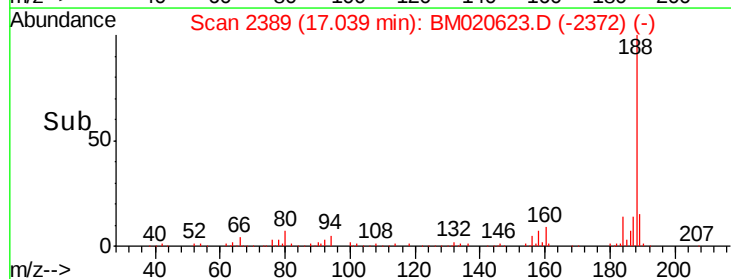
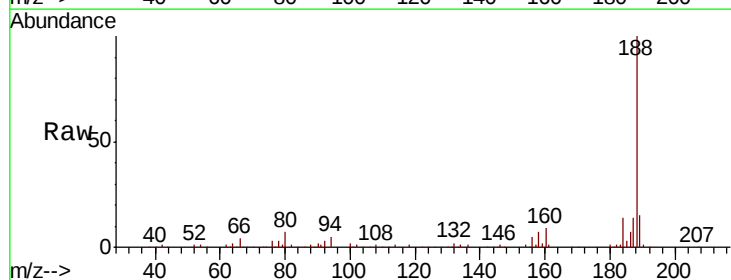
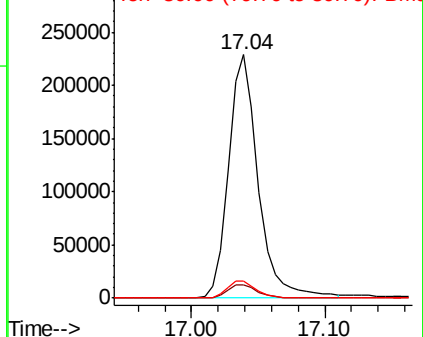
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		355777		
94	5.4	5.0	7.4		
80	6.9	6.5	9.7		

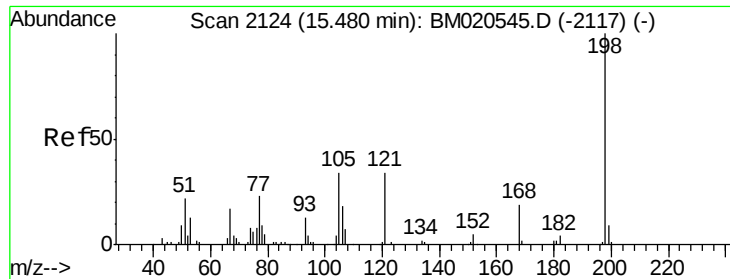
Abundance

Ion 188.00 (187.70 to 188.70): BM020623.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM020623.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM020623.D (-2372) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 18.312 ng

RT: 15.45 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

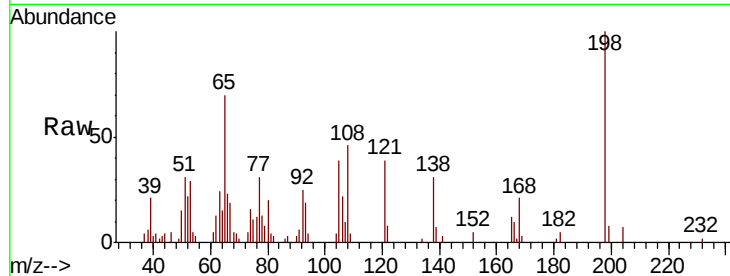
ClientSampleId :

SSTDCCC040EC

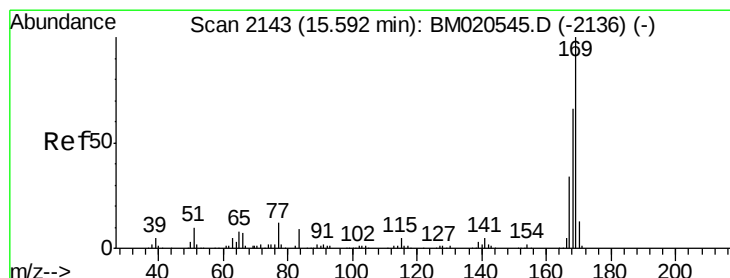
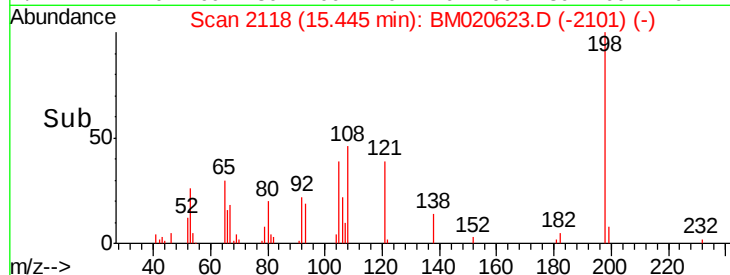
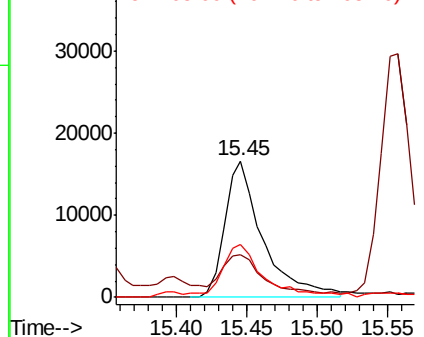
Tot Ion:	198	Resp:	31098
Ion Ratio	Lower	Upper	
198	100		
51	31.3	6.4	46.4
105	38.6	15.1	55.1

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.527 ng

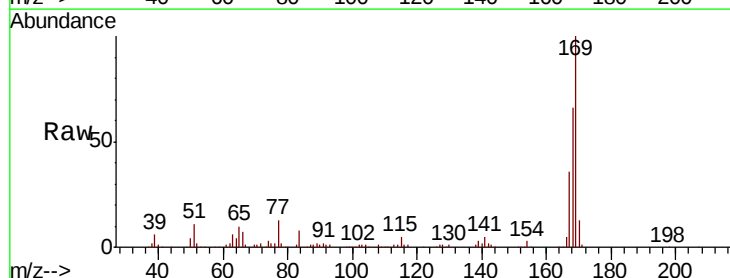
RT: 15.56 min Scan# 2137

Delta R.T. -0.00 min

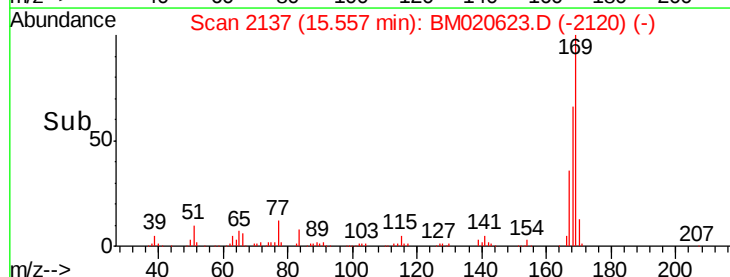
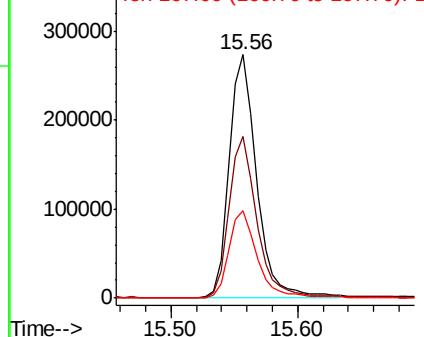
Lab File: BM020623.D

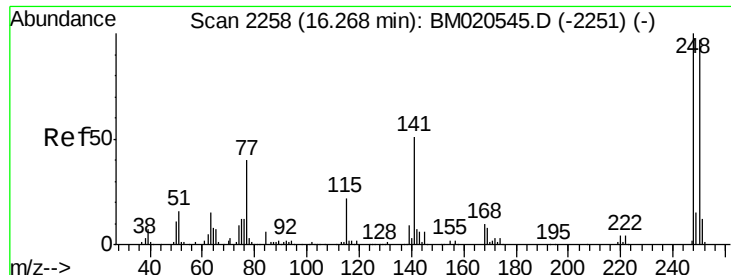
Acq: 30 May 2019 08:11

Tgt Ion:	169	Resp:	410244
Ion Ratio	Lower	Upper	
169	100		
168	66.4	52.5	78.7
167	35.9	27.5	41.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





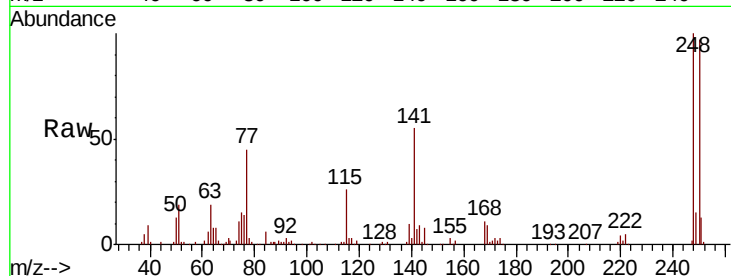
#67
 4-Bromophenyl-phenylether
 Concen: 45.483 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	55.5	41.0	61.6

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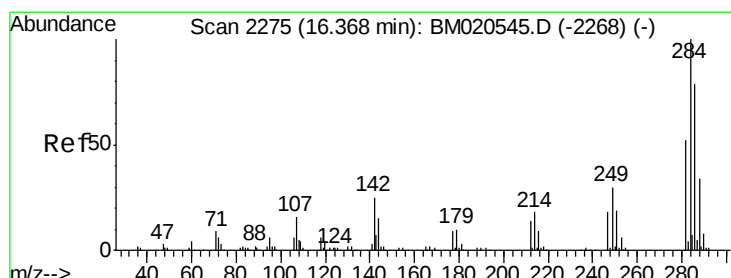
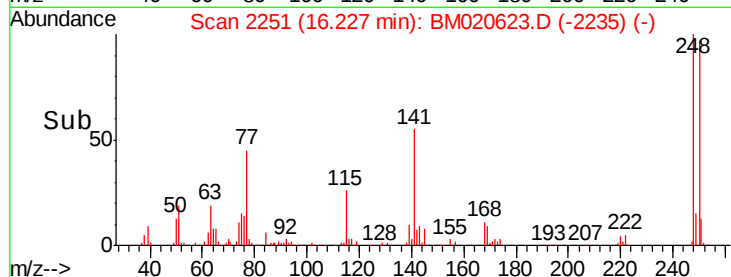
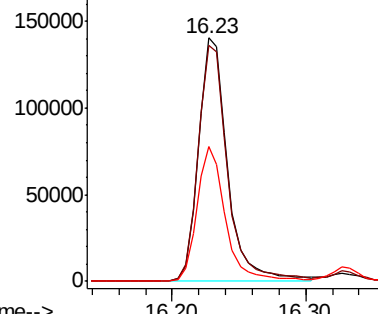


Abundance

Ion 248.00 (247.70 to 248.70): E

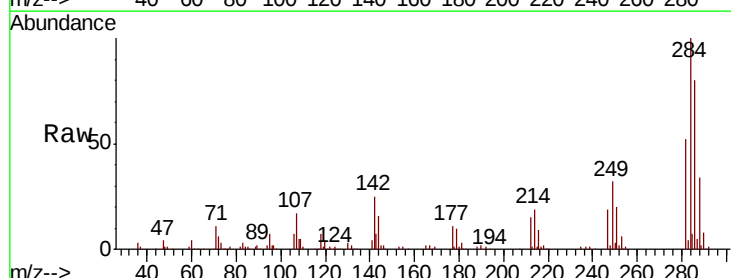
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 48.747 ng
 RT: 16.33 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.4	20.2	30.2
249	32.1	23.9	35.9

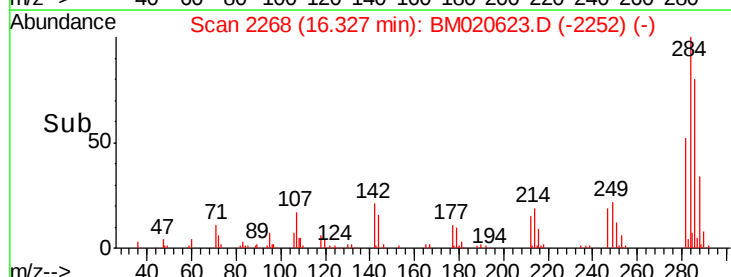
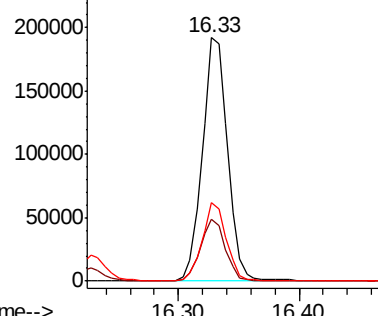


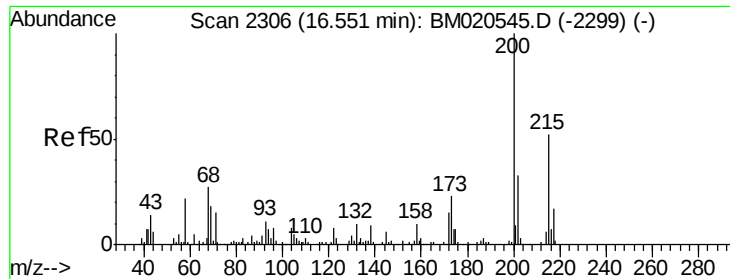
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





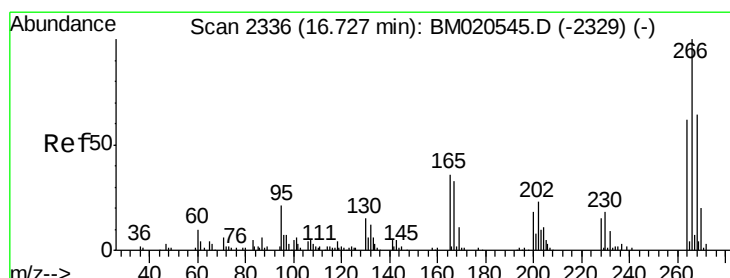
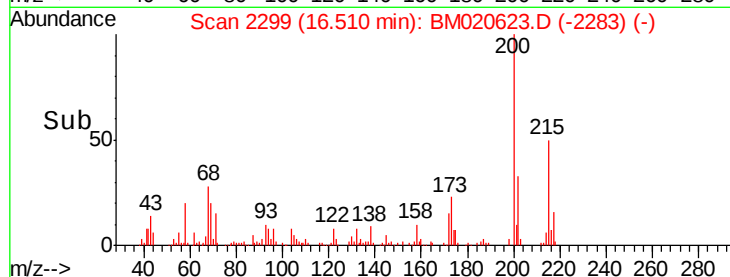
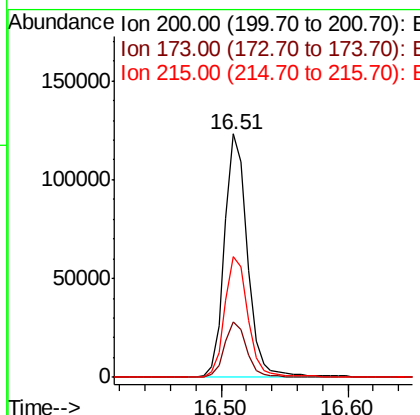
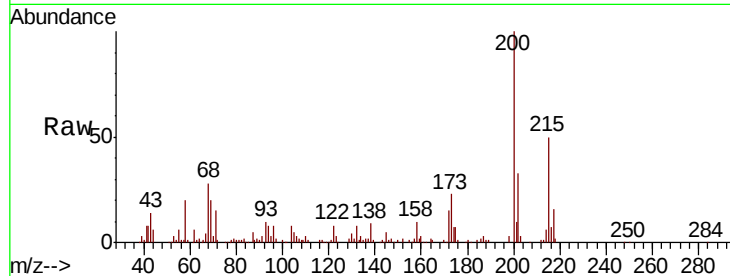
#69
Atrazine
Concen: 39.082 ng
RT: 16.51 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.2	43.2
215	49.5	31.7	71.7

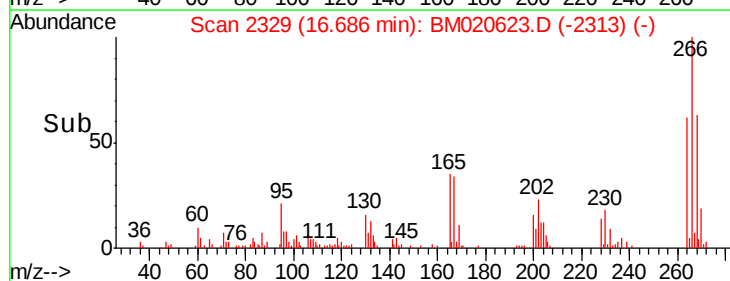
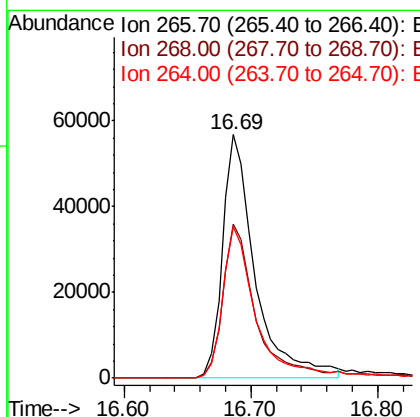
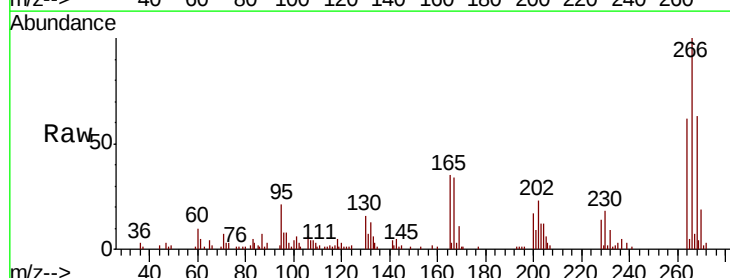
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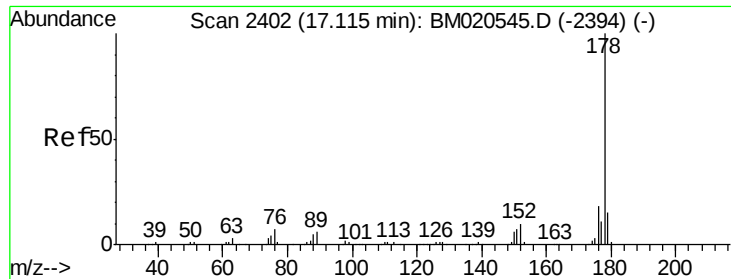
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#70
Pentachlorophenol
Concen: 34.101 ng
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.0	76.4
264	62.1	49.8	74.8





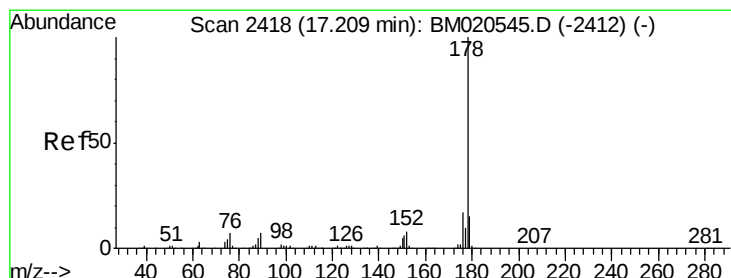
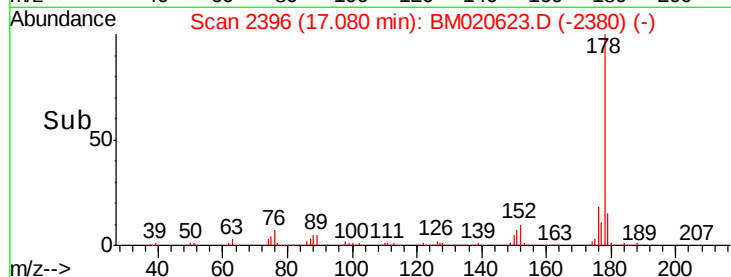
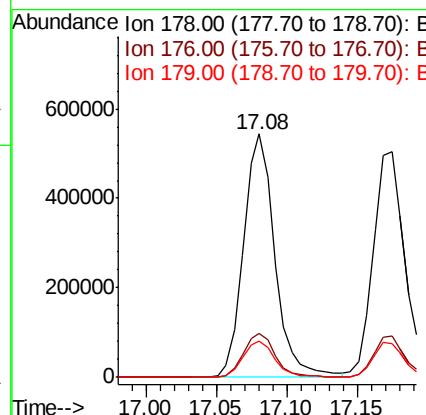
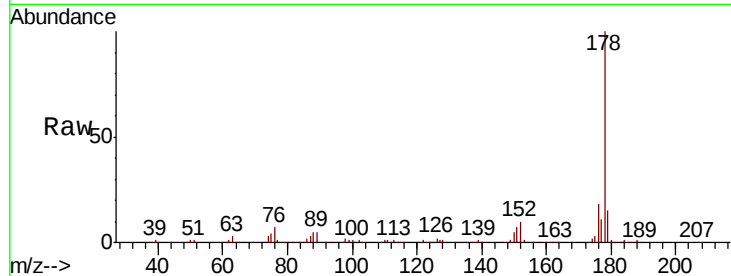
#71
Phenanthrene
Concen: 43.613 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	14.9	12.2	18.2

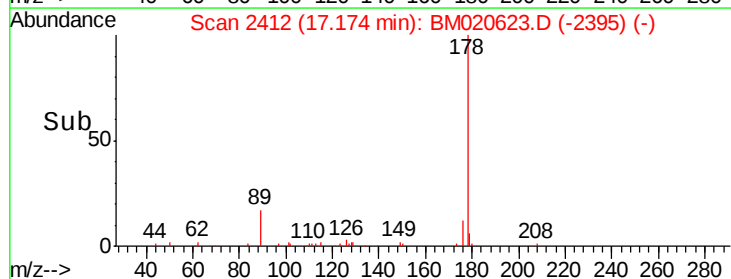
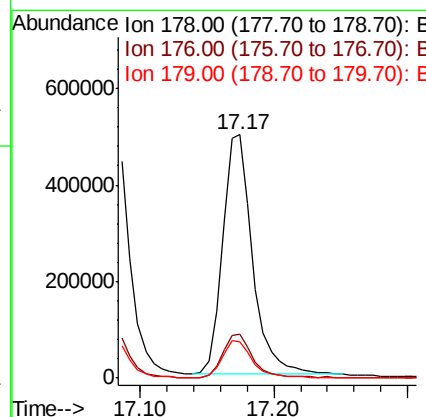
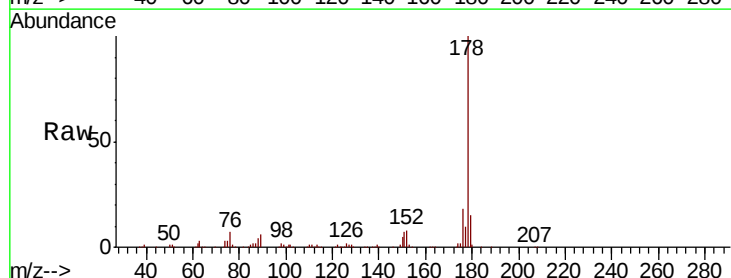
Manual Integrations
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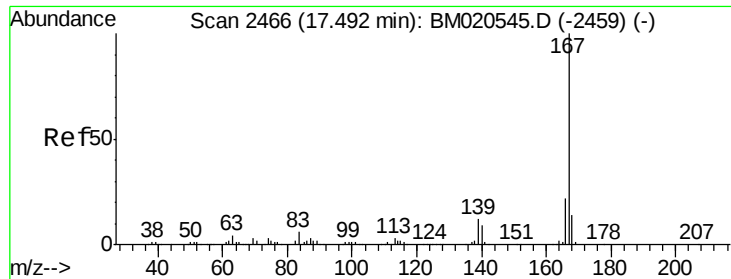
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#72
Anthracene
Concen: 41.523 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.0	21.0
179	14.9	12.4	18.6





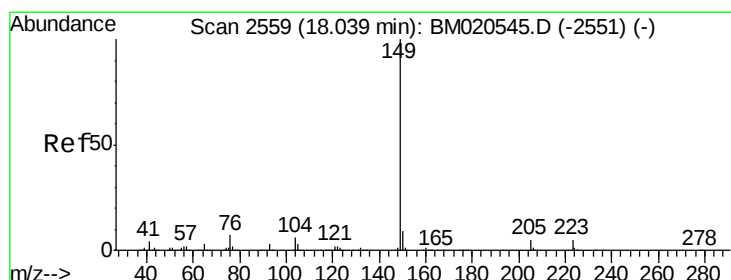
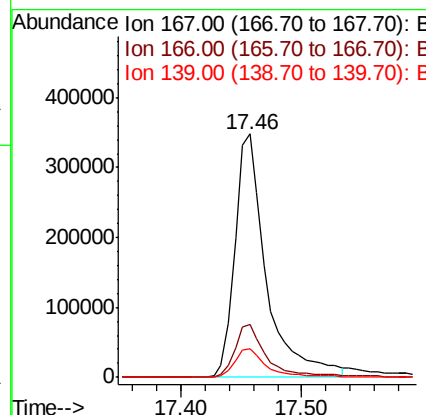
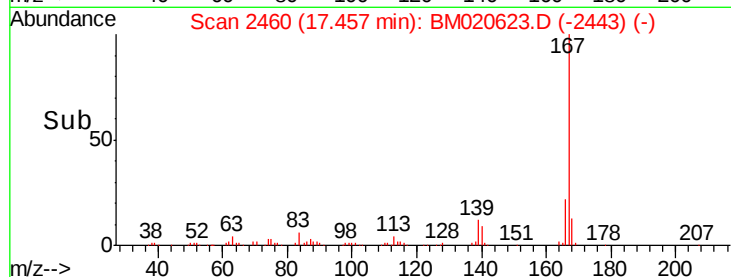
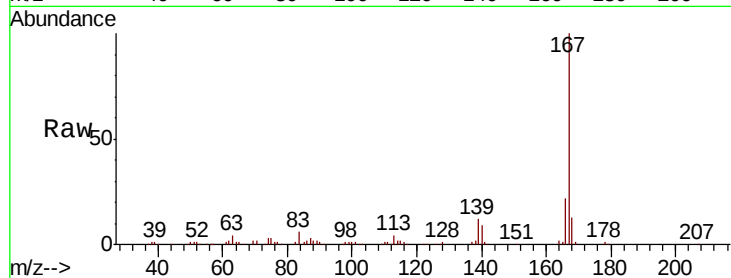
#73
 Carbazole
 Concen: 39.384 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	11.8	9.3	13.9

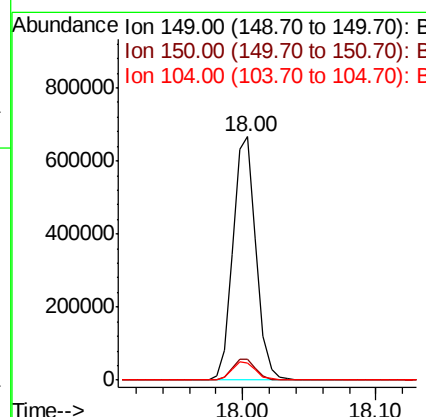
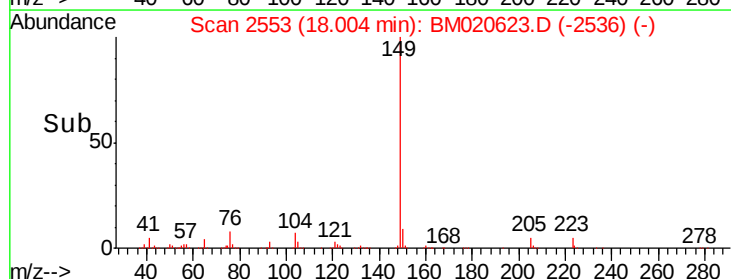
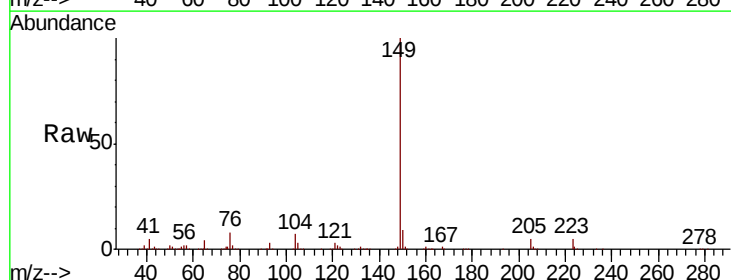
Manual Integrations
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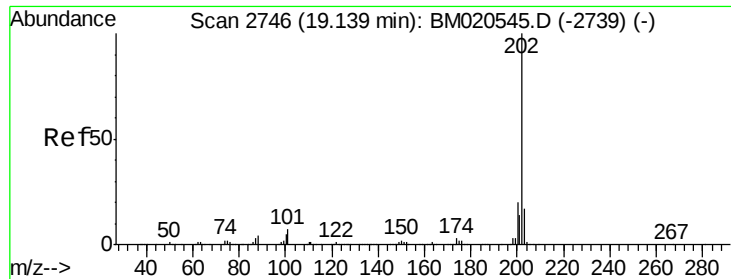
mohammad
 5/31/2019 8:12:23 AM



#74
 Di-n-butylphthalate
 Concen: 41.007 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.3	10.9
104	7.2	5.0	7.4





#75

Fluoranthene

Concen: 43.397 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1166387

Ion Ratio Lower Upper

202 100

101 5.9 0.0 26.7

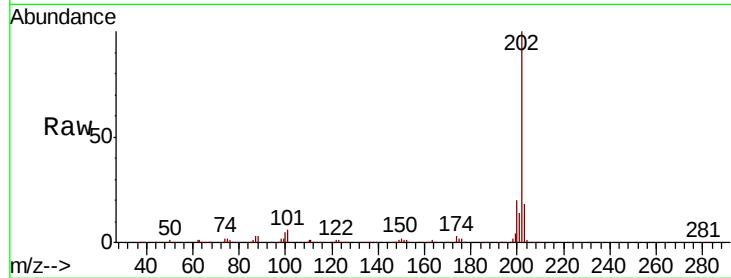
203 17.6 0.0 37.4

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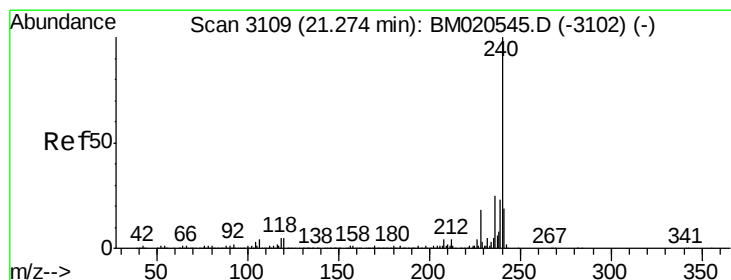
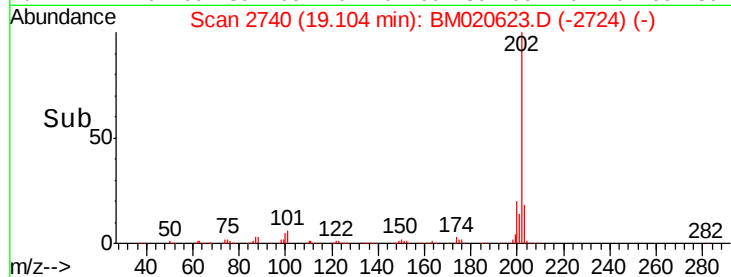
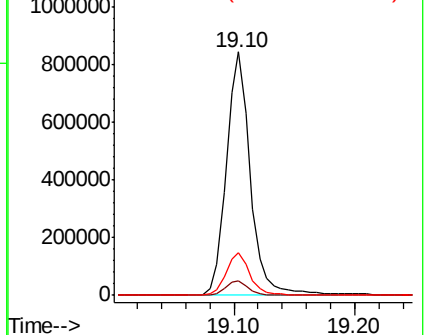
5/31/2019 8:12:23 AM



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: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

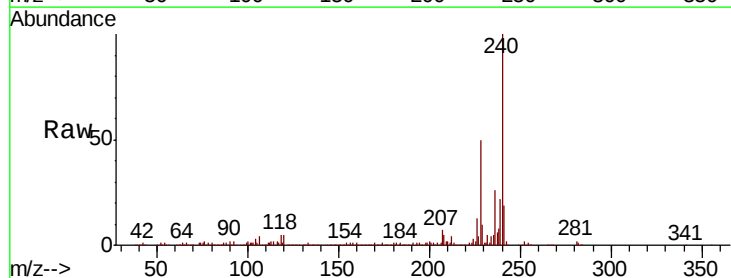
Tgt Ion:240 Resp: 465016

Ion Ratio Lower Upper

240 100

120 4.7 4.1 6.1

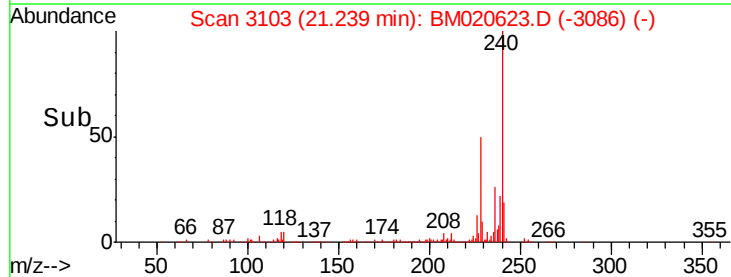
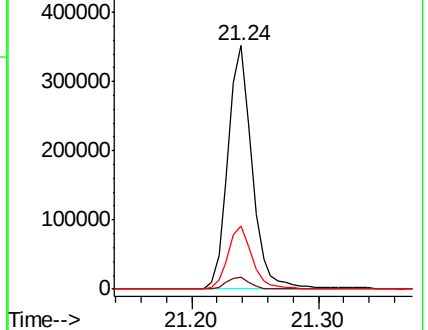
236 26.1 20.2 30.4

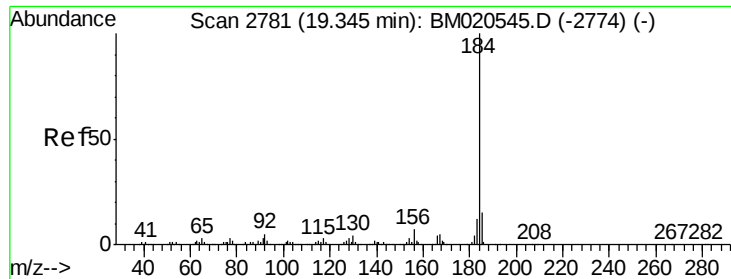


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.893 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

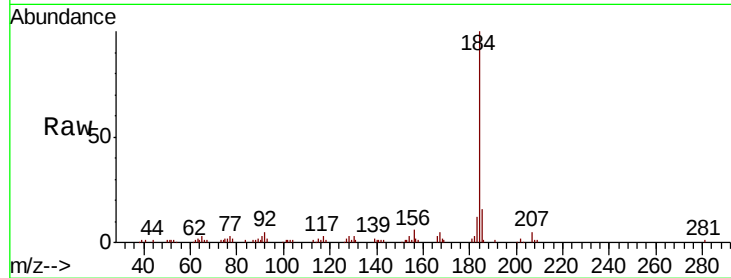
ClientSampleId :

SSTDCCC040EC

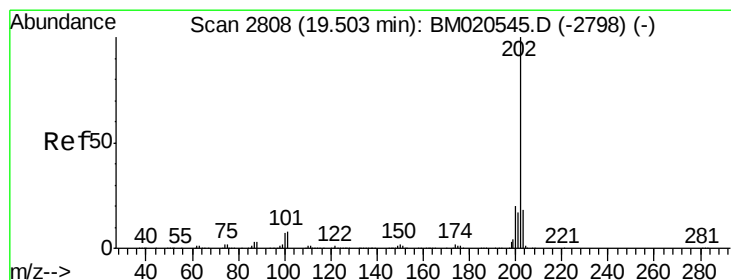
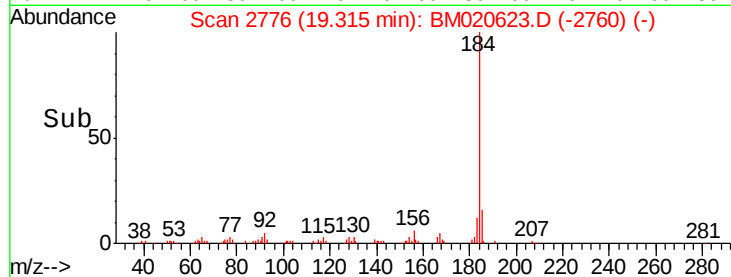
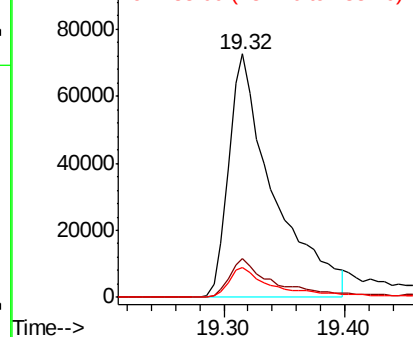
Tot Ion:	184	Resp:	187091
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.8	17.8
183	12.2	9.7	14.5

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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: 42.325 ng

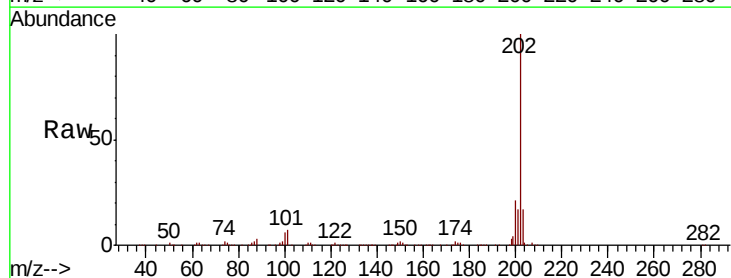
RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

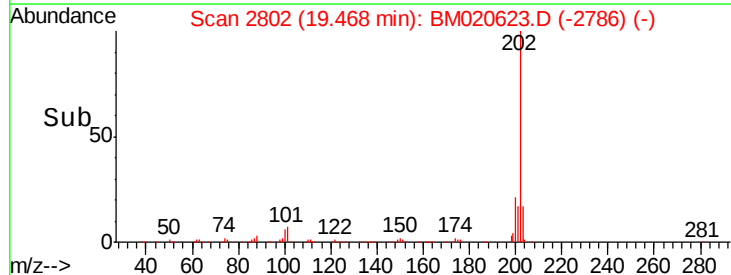
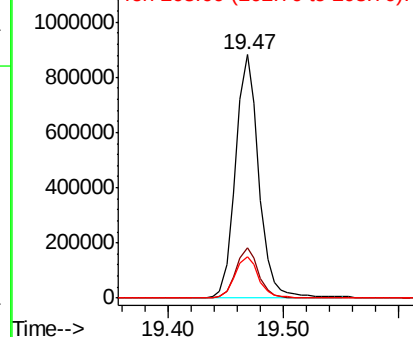
Lab File: BM020623.D

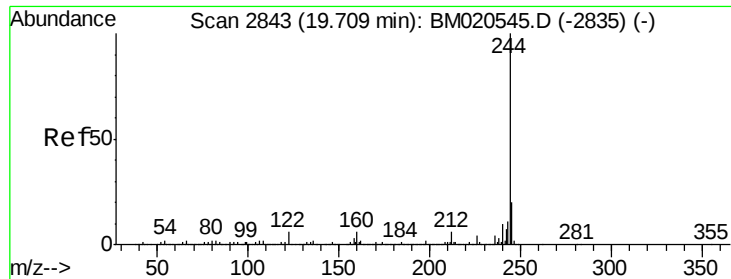
Acq: 30 May 2019 08:11

Tgt Ion:	202	Resp:	1235627
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.0	24.0
203	17.2	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





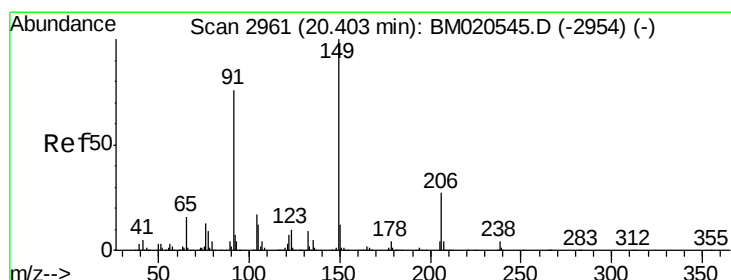
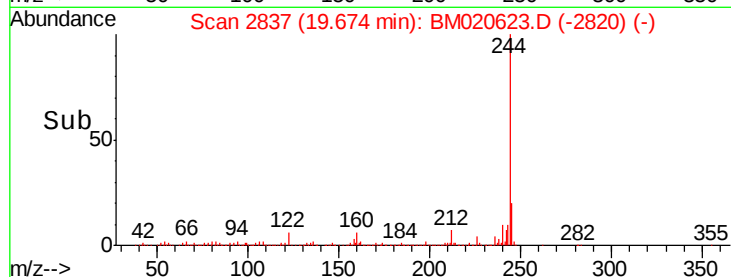
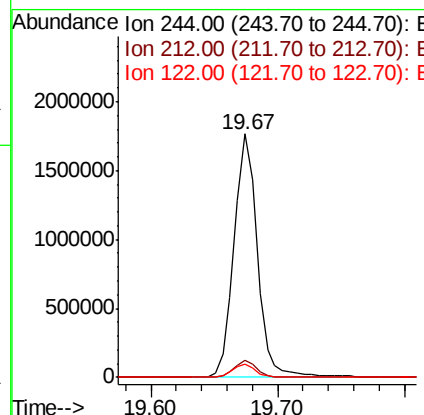
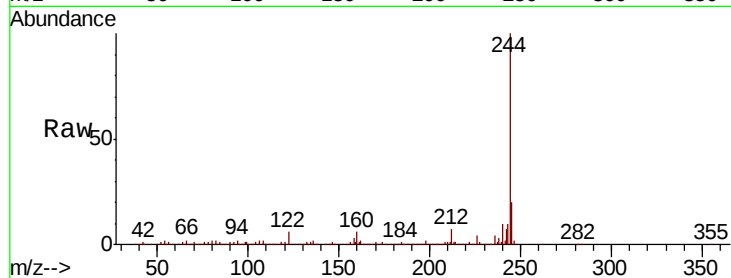
#79
 Terphenyl-d14
 Concen: 87.261 ng
 RT: 19.67 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.6
122	5.6	4.6	7.0

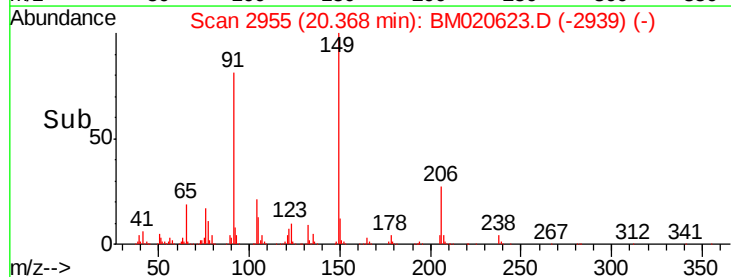
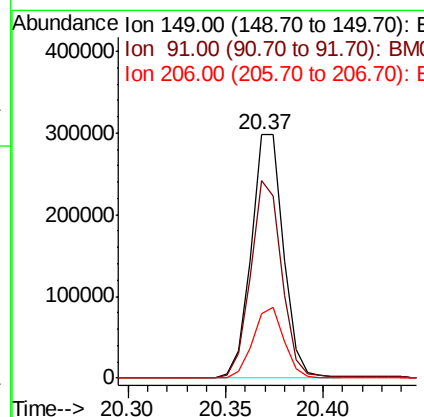
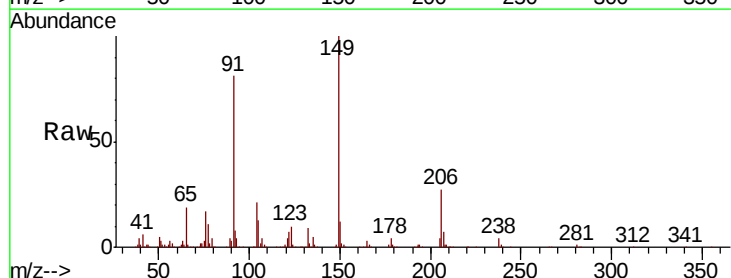
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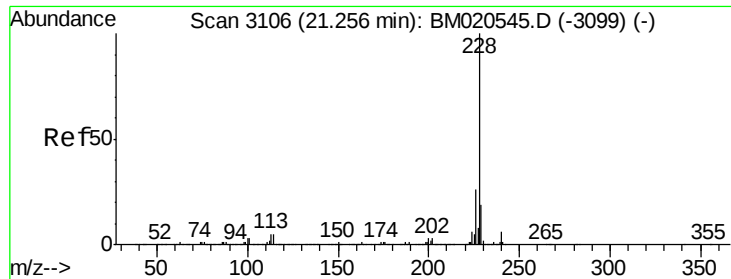
mohammad
 5/31/2019 8:12:23 AM



#80
 Butylbenzylphthalate
 Concen: 33.391 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.3	60.9	91.3
206	26.6	21.6	32.4





#81

Benzo(a)anthracene

Concen: 42.671 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

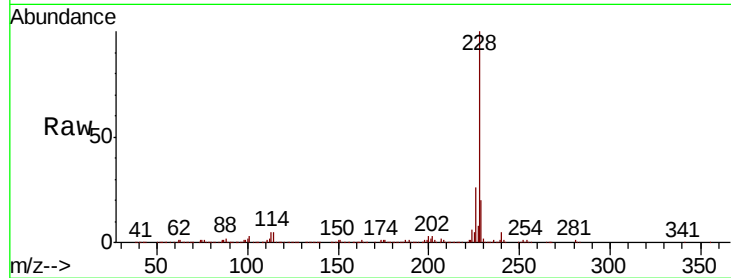
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	1373341
Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.7	31.1
229	19.6	15.5	23.3

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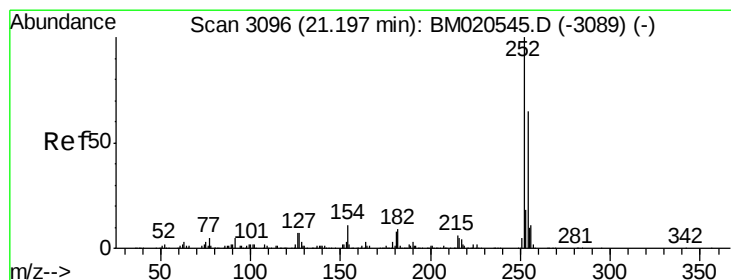
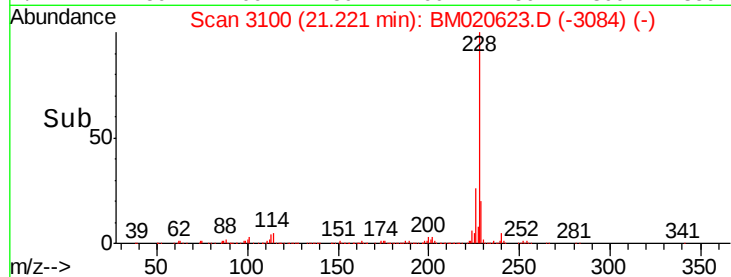
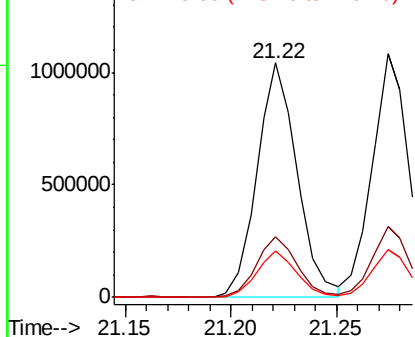


Abundance

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: 36.829 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

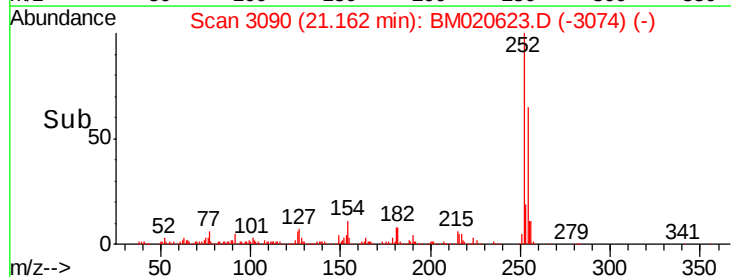
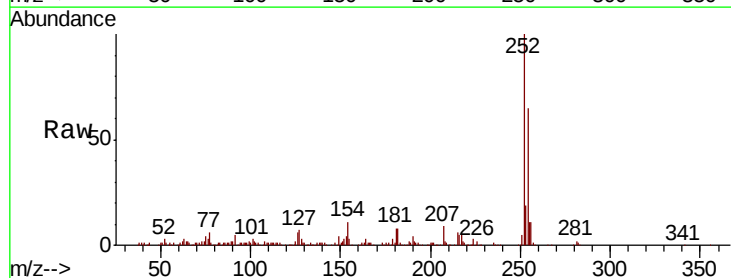
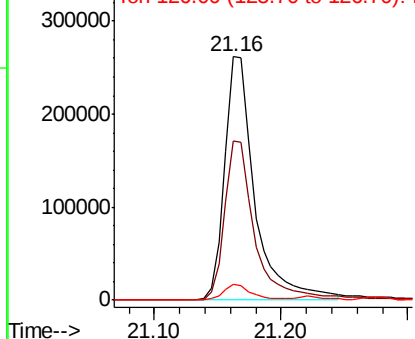
Tgt Ion:	252	Resp:	432629
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.6
126	6.3	5.2	7.8

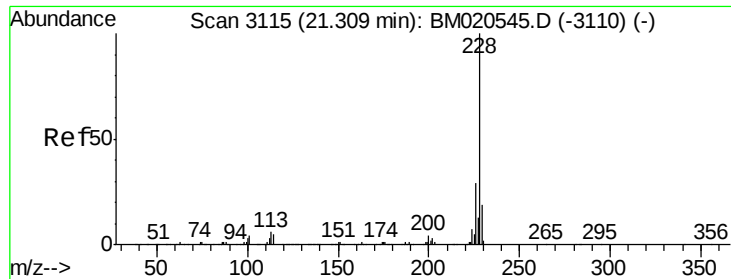
Abundance

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





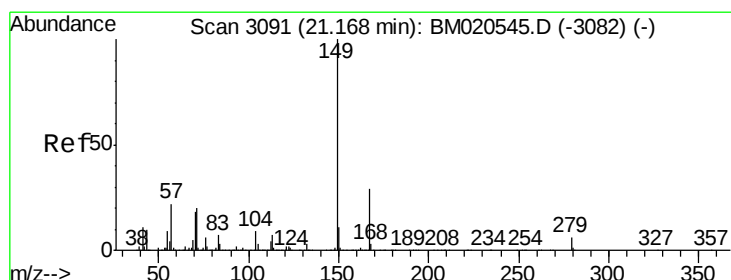
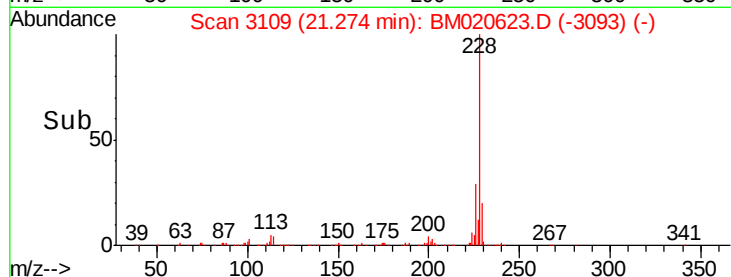
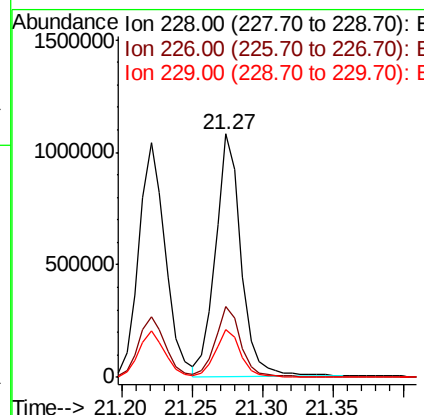
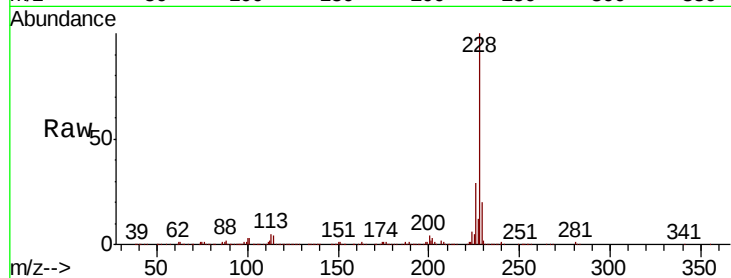
#83
 Chrysene
 Concen: 43.350 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.9	34.3
229	19.7	15.4	23.2

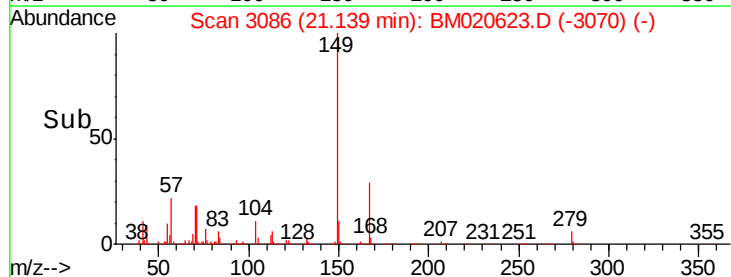
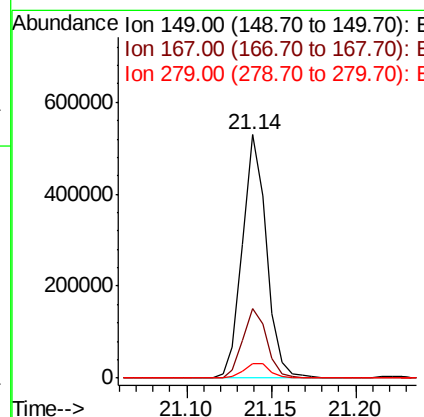
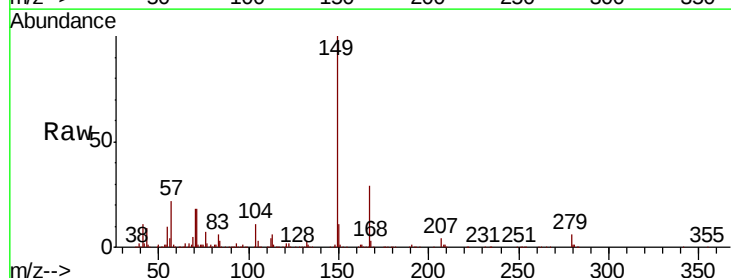
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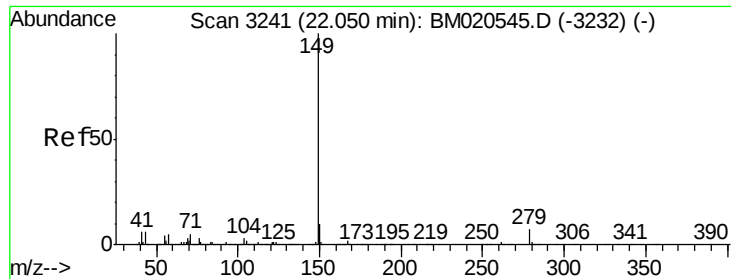
mohammad
 5/31/2019 8:12:23 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.242 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM020623.D
 Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	6.2	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 35.470 ng

RT: 22.02 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Instrument :

BNA_M

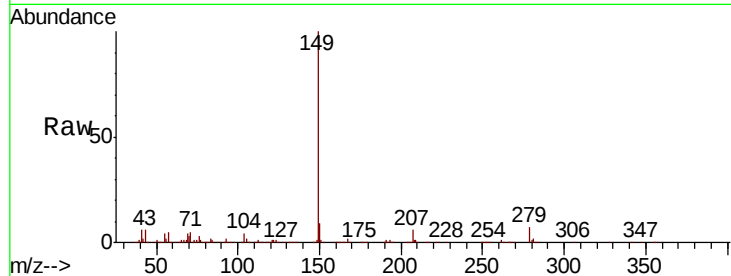
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	921866
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	6.4	4.8	7.2

Manual Integrations
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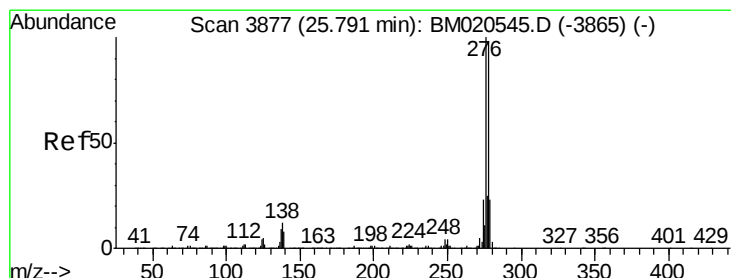
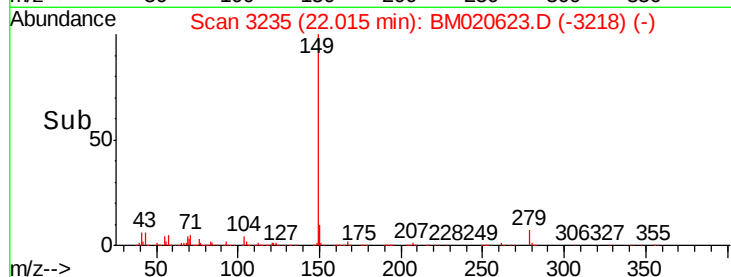
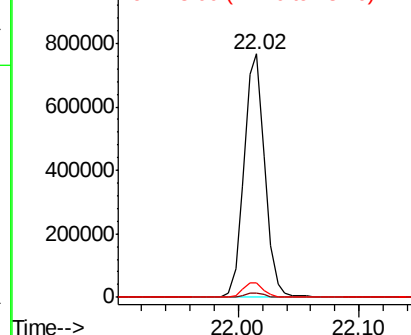


Abundance

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: 46.846 ng

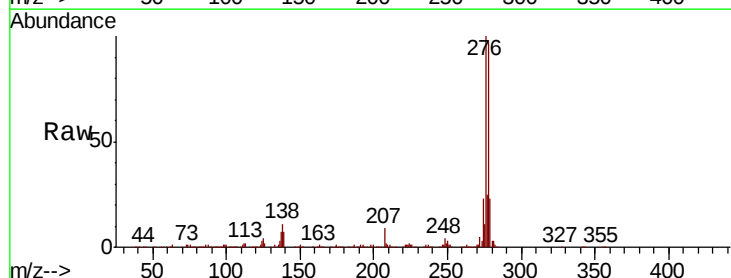
RT: 25.72 min Scan# 3864

Delta R.T. -0.01 min

Lab File: BM020623.D

Acq: 30 May 2019 08:11

Tgt Ion:	276	Resp:	1761512
Ion Ratio	Lower	Upper	
276	100		
138	10.5	9.7	14.5
277	25.3	20.4	30.6

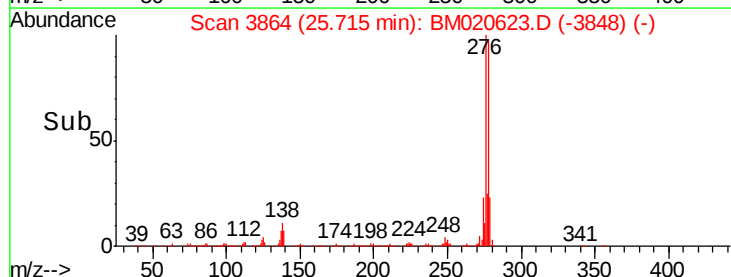
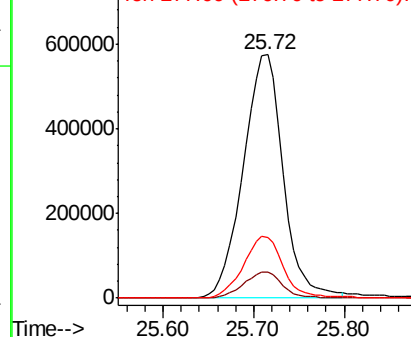


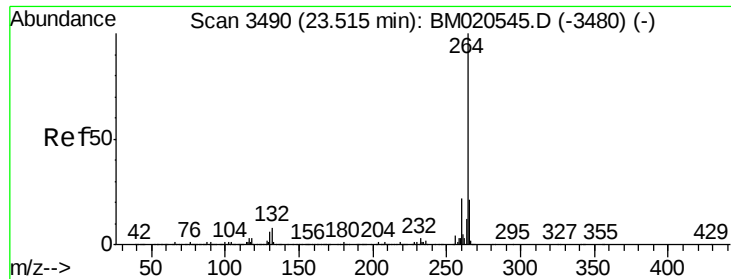
Abundance

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





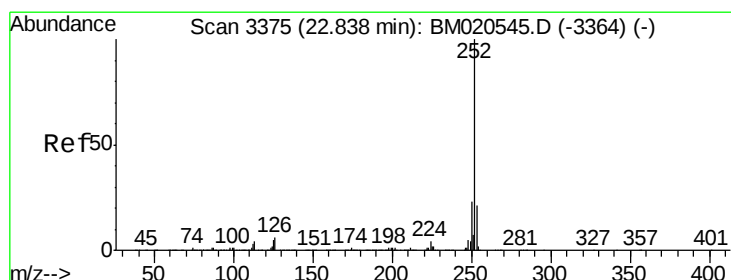
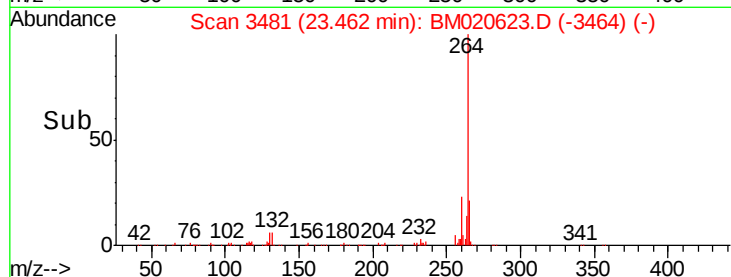
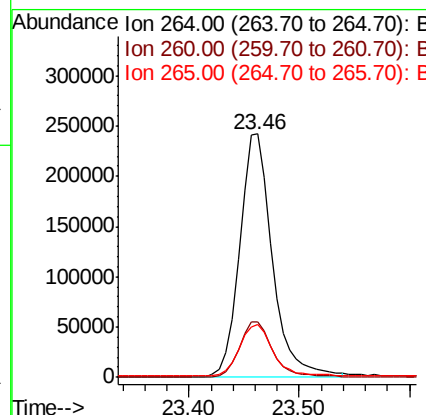
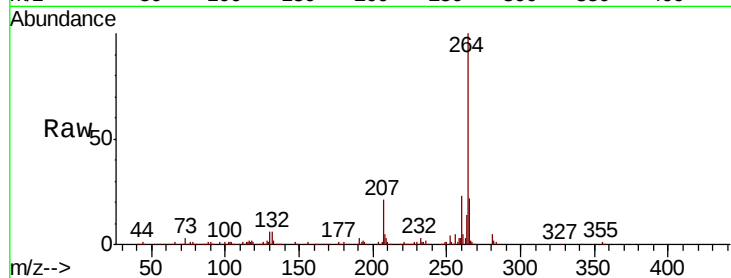
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.7	26.5
265	21.6	17.4	26.2

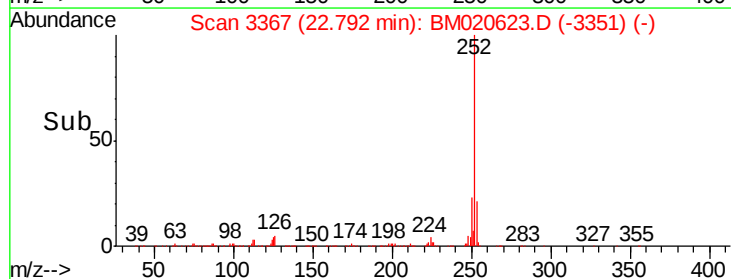
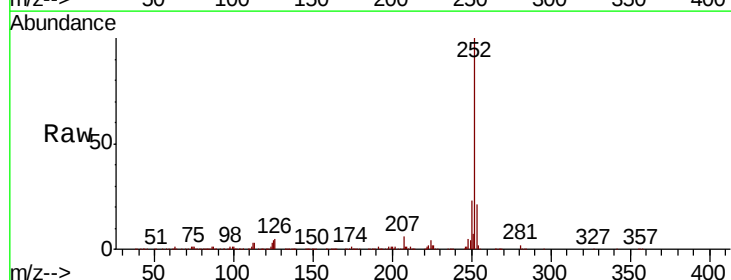
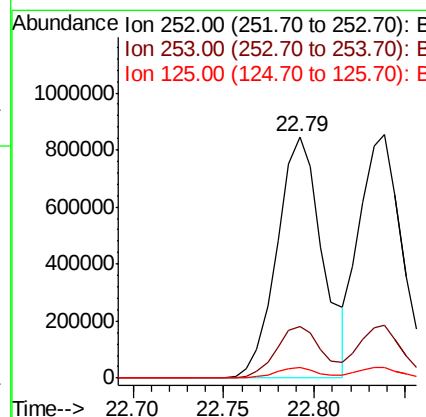
Manual Integrations
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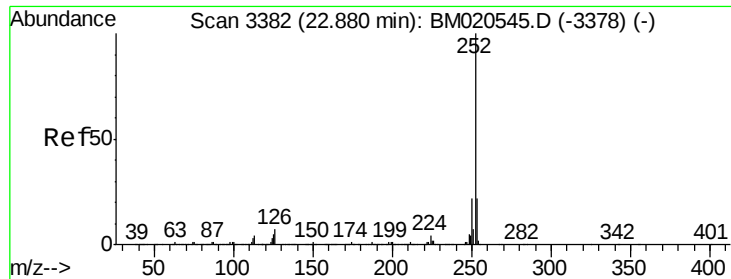
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.676 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	4.2	3.8	5.8





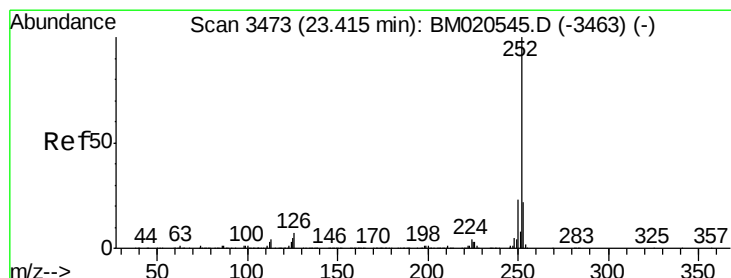
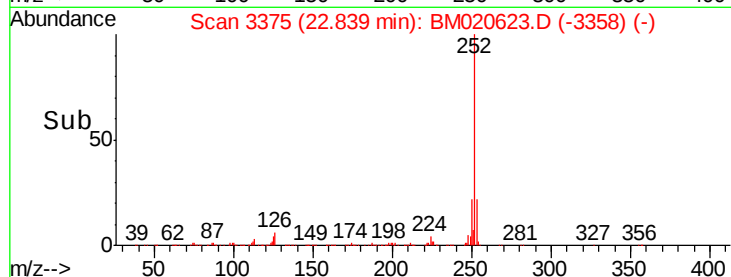
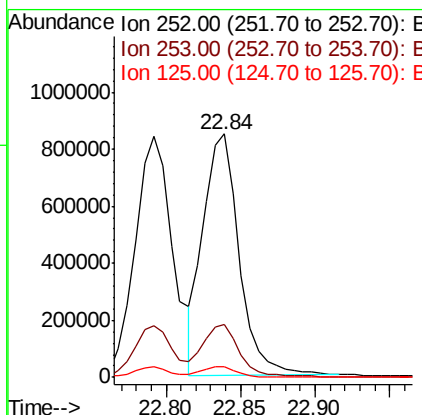
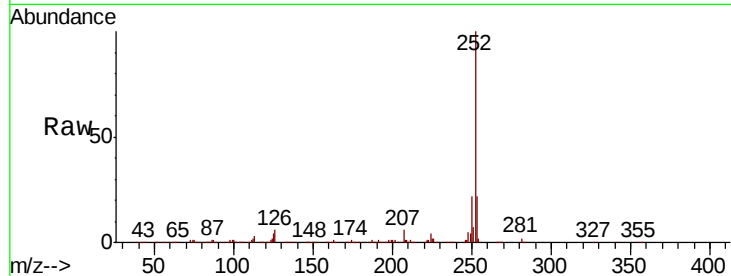
#89
Benzo(k)fluoranthene
Concen: 44.353 ng
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	4.3	4.2	6.4

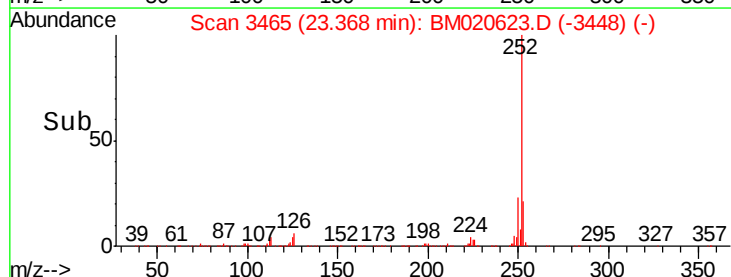
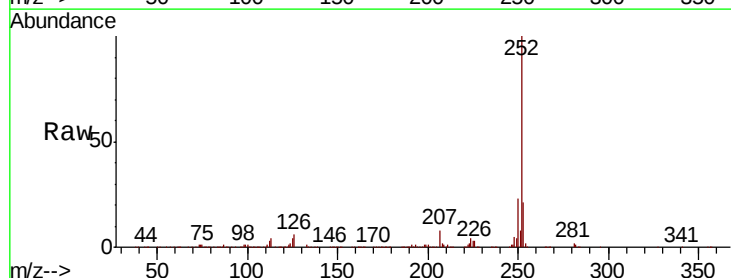
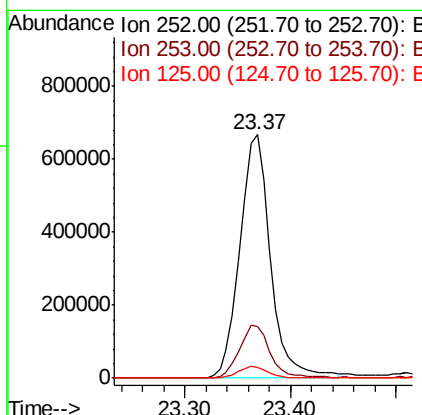
Manual Integrations
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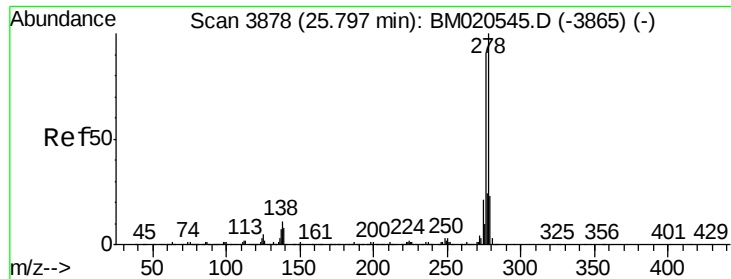
mohammad
5/31/2019 8:12:23 AM



#90
Benzo(a)pyrene
Concen: 44.036 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	4.3	4.2	6.4





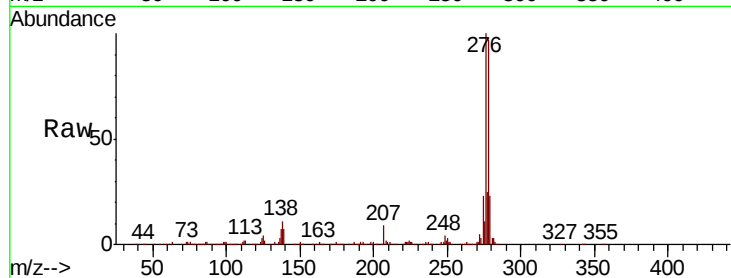
#91
Dibenzo(a,h)anthracene
Concen: 47.458 ng
RT: 25.72 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.0	6.3	9.5
279	23.3	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/31/2019 8:12:23 AM

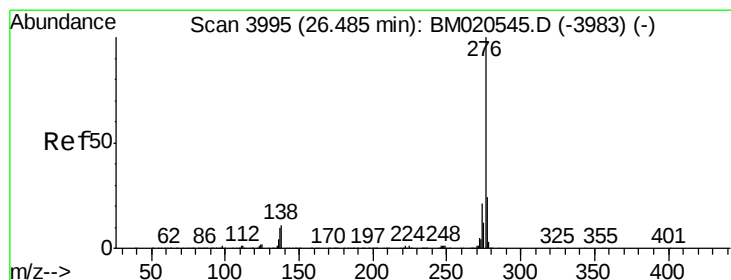
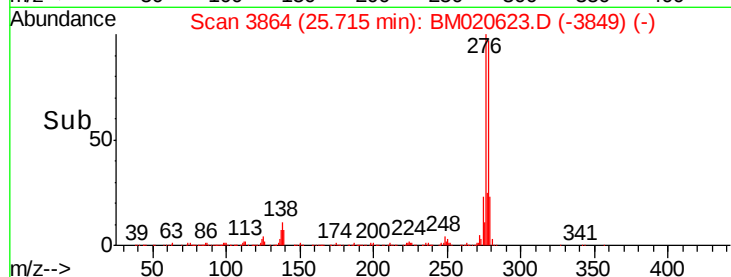
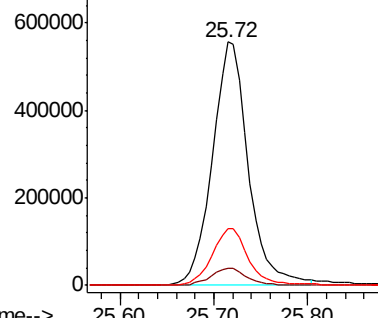


Abundance

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: 48.035 ng
RT: 26.40 min Scan# 3981
Delta R.T. -0.00 min
Lab File: BM020623.D
Acq: 30 May 2019 08:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	8.7	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

