

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020597.D
 Acq On : 29 May 2019 13:43
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:15:55 AM

Quant Time: May 29 14:55:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 14:38:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	38186	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	147563	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	105922	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	279899	20.00	ng	0.00
76) Chrysene-d12	21.24	240	329789	20.00	ng	0.00
87) Perylene-d12	23.46	264	353094	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	165412	84.98	ng	0.00
7) Phenol-d6	6.80	99	245787	83.66	ng	0.00
23) Nitrobenzene-d5	8.80	82	309427	88.01	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	185184	87.26	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	745582	88.33	ng	0.00
79) Terphenyl-d14	19.67	244	1605685	88.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	49130m	48.234	ng	
3) Pyridine	3.54	79	137762	45.730	ng	100
4) n-Nitrosodimethylamine	3.46	42	34167	47.301	ng	100
6) Aniline	6.96	93	168718	39.700	ng	100
8) 2-Chlorophenol	7.19	128	103229	43.371	ng	100
9) Benzaldehyde	6.79	77	75312	40.154	ng	100
10) Phenol	6.83	94	132116	41.645	ng	100
11) bis(2-Chloroethyl)ether	7.06	93	91982	38.853	ng	100
12) 1,3-Dichlorobenzene	7.51	146	134828	44.233	ng	100
13) 1,4-Dichlorobenzene	7.66	146	128782	42.268	ng	100
14) 1,2-Dichlorobenzene	7.97	146	132652	43.428	ng	100
15) Benzyl Alcohol	7.88	79	104106m	38.294	ng	
16) 2,2'-oxybis(1-Chloropropan	8.15	45	67020	40.617	ng	100
17) 2-Methylphenol	8.08	107	81642	38.981	ng	100
18) Hexachloroethane	8.68	117	58418	47.332	ng	100
19) n-Nitroso-di-n-propylamine	8.43	70	106299	40.748	ng	100
20) 3+4-Methylphenols	8.40	107	106664	37.975	ng	100
22) Acetophenone	8.46	105	167598	41.245	ng	100
24) Nitrobenzene	8.84	77	151009	43.493	ng	100
25) Isophorone	9.36	82	283609	43.354	ng	100
26) 2-Nitrophenol	9.55	139	50631	39.521	ng	100
27) 2,4-Dimethylphenol	9.60	122	76590	40.132	ng	100
28) bis(2-Chloroethoxy)methane	9.84	93	133677	39.255	ng	100
29) 2,4-Dichlorophenol	10.08	162	104633	41.222	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	154852	44.619	ng	100
31) Naphthalene	10.46	128	328111	43.064	ng	100
32) Benzoic acid	9.70	122	18119m	21.306	ng	
33) 4-Chloroaniline	10.60	127	105560	34.712	ng	100
34) Hexachlorobutadiene	10.72	225	130168	50.447	ng	100
35) Caprolactam	11.40	113	31580	37.803	ng	100
36) 4-Chloro-3-methylphenol	11.72	107	106249	38.466	ng	100
37) 2-Methylnaphthalene	12.09	142	241698	41.523	ng	100
38) 1-Methylnaphthalene	12.30	142	237300	42.076	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	203732	45.755	ng	100

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41) Hexachlorocyclopentadiene	12.42	237	65853	35.353	ng	100
43) 2,4,6-Trichlorophenol	12.71	196	121973	44.265	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	104457	40.595	ng	100
46) 1,1'-Biphenyl	13.12	154	349546	42.848	ng	100
47) 2-Chloronaphthalene	13.16	162	298668	43.189	ng	100
48) 2-Nitroaniline	13.39	65	75529	36.342	ng	100
49) Acenaphthylene	14.01	152	445469	42.358	ng	100
50) Dimethylphthalate	13.76	163	398997	42.528	ng	100
51) 2,6-Dinitrotoluene	13.89	165	81676	41.769	ng	100
52) Acenaphthene	14.35	154	272838	43.051	ng	100
53) 3-Nitroaniline	14.23	138	56504	34.239	ng	100
54) 2,4-Dinitrophenol	14.45	184	33412	33.578	ng	100
55) Dibenzofuran	14.69	168	469196	42.783	ng	100
56) 4-Nitrophenol	14.56	139	40141	36.535	ng	100
57) 2,4-Dinitrotoluene	14.68	165	109400	38.742	ng	100
58) Fluorene	15.34	166	381679	41.897	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	130380	43.545	ng	100
60) Diethylphthalate	15.12	149	388751	42.055	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	254691	43.792	ng	100
62) 4-Nitroaniline	15.40	138	58209m	35.413	ng	
63) Azobenzene	15.63	77	391435	43.518	ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	57376	34.423	ng	100
66) n-Nitrosodiphenylamine	15.56	169	326885	43.072	ng	100
67) 4-Bromophenyl-phenylether	16.23	248	165946	44.505	ng	100
68) Hexachlorobenzene	16.33	284	209687	46.382	ng	100
69) Atrazine	16.52	200	122997	39.390	ng	100
70) Pentachlorophenol	16.69	266	102841	44.040	ng	100
71) Phenanthrene	17.09	178	648822	42.670	ng	100
72) Anthracene	17.17	178	595212	40.364	ng	100
73) Carbazole	17.46	167	492923	38.951	ng	100
74) Di-n-butylphthalate	18.00	149	662068	42.530	ng	100
75) Fluoranthene	19.11	202	878588	41.551	ng	100
77) Benzidine	19.32	184	213839m	35.283	ng	
78) Pyrene	19.47	202	903943	43.660	ng	100
80) Butylbenzylphthalate	20.37	149	296798	40.799	ng	100
81) Benzo(a)anthracene	21.23	228	946926	41.486	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	327757	39.342	ng	100
83) Chrysene	21.28	228	959120	43.487	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	435705	41.094	ng	100
85) Di-n-octyl phthalate	22.02	149	749452	40.660	ng	100
86) Indeno(1,2,3-cd)pyrene	25.72	276	1154964	43.310	ng	100
88) Benzo(b)fluoranthene	22.80	252	948990	41.063	ng	100
89) Benzo(k)fluoranthene	22.84	252	1012441	45.138	ng	100
90) Benzo(a)pyrene	23.37	252	915258	43.037	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	971519	44.628	ng	100
92) Benzo(g,h,i)perylene	26.40	276	916456	45.414	ng	100

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

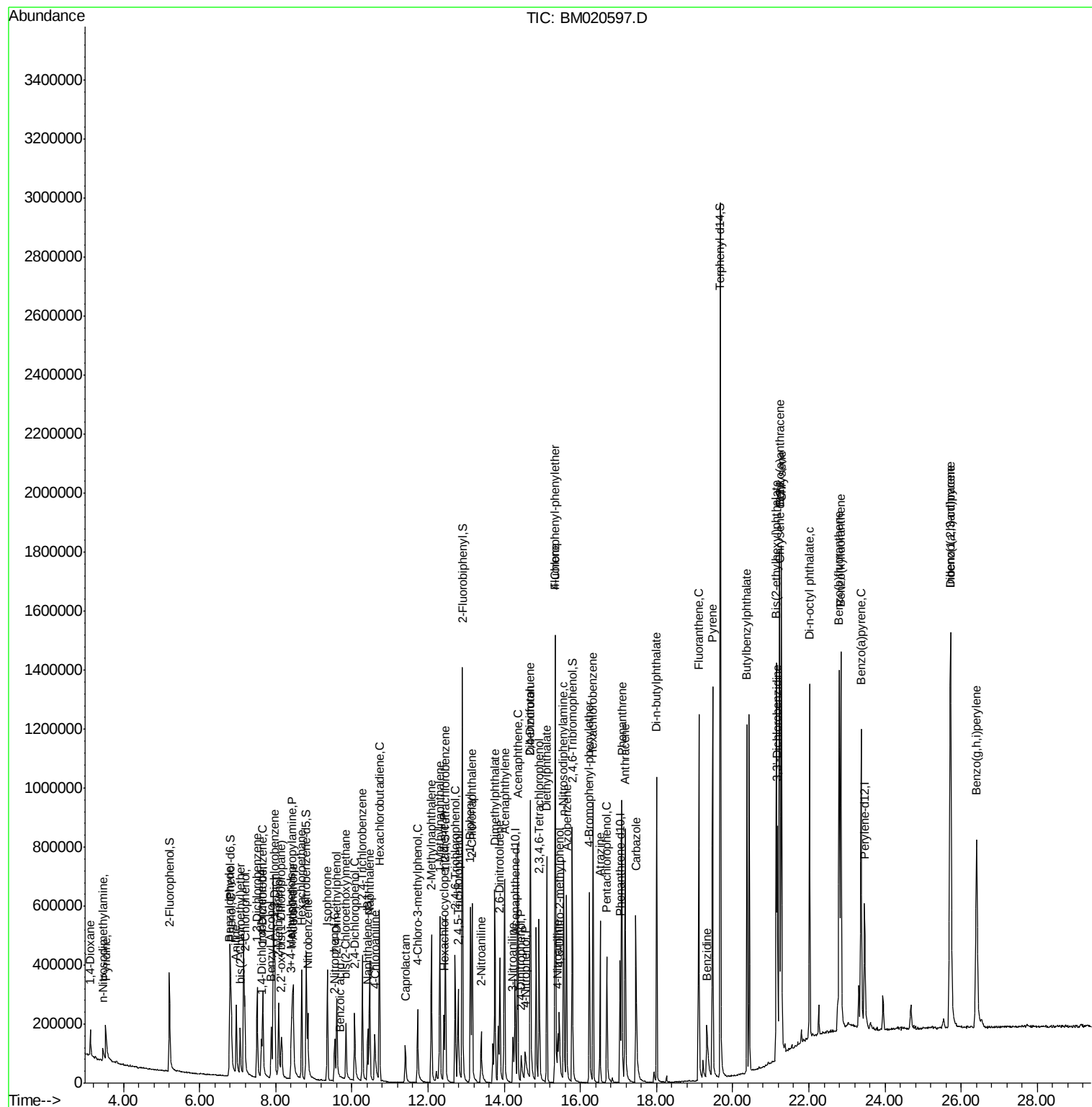
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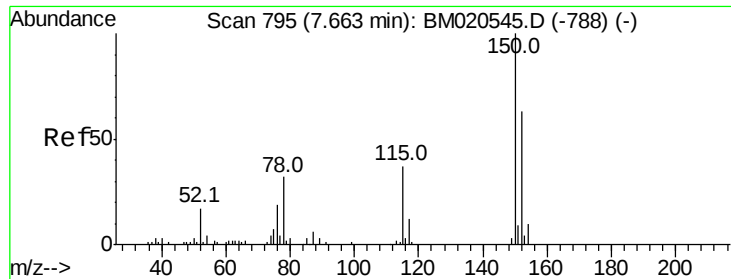
Instrument :
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#1

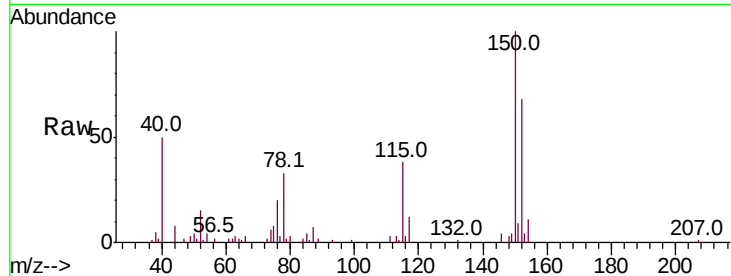
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	118.5	177.7
115	56.6	45.3	67.9

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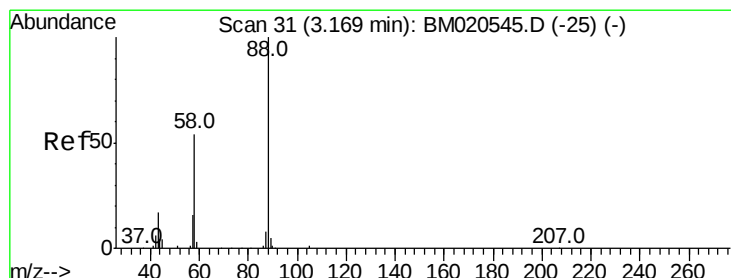
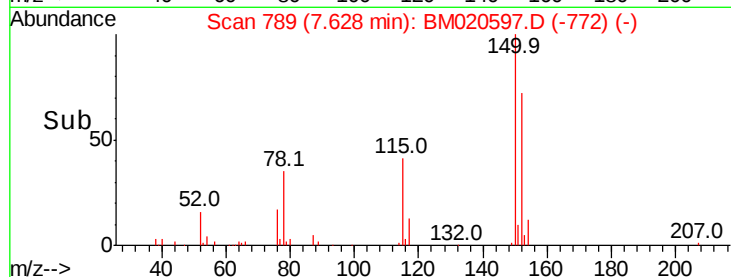
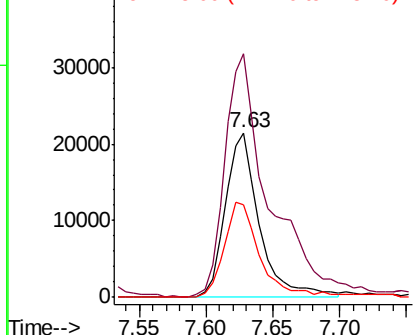


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

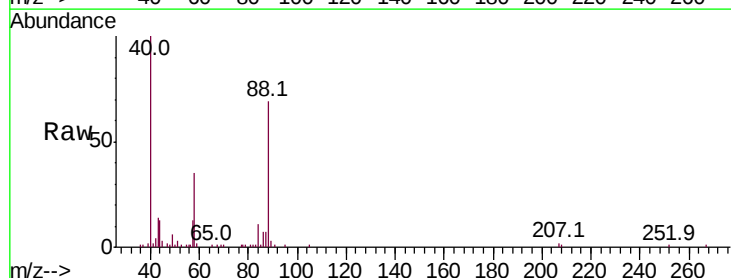
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.234 ng m
RT: 3.13 min Scan# 24
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.5	40.8	61.2
43	19.2	14.3	21.5

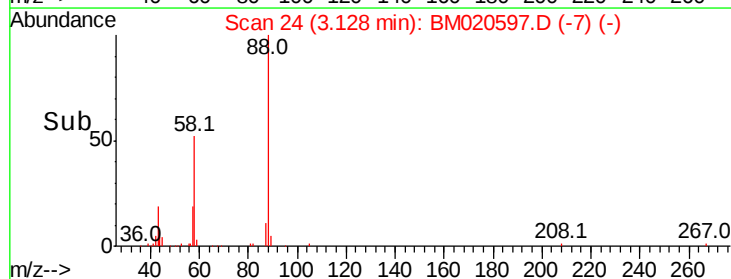
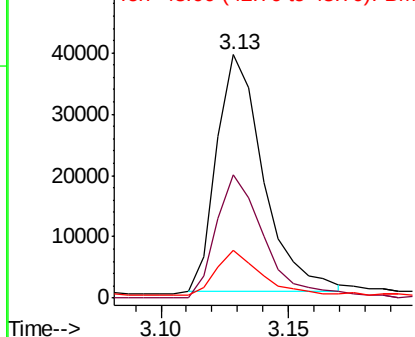


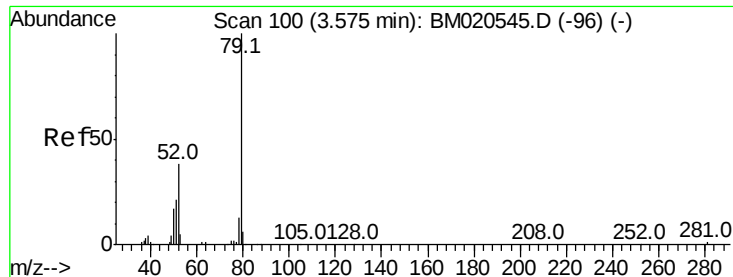
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 45.730 ng

RT: 3.54 min Scan# 94

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

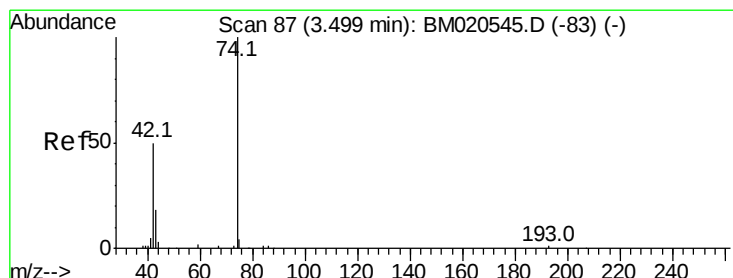
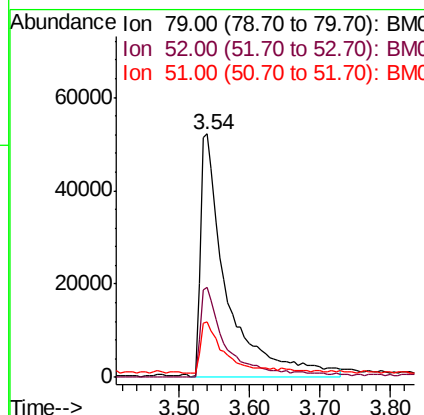
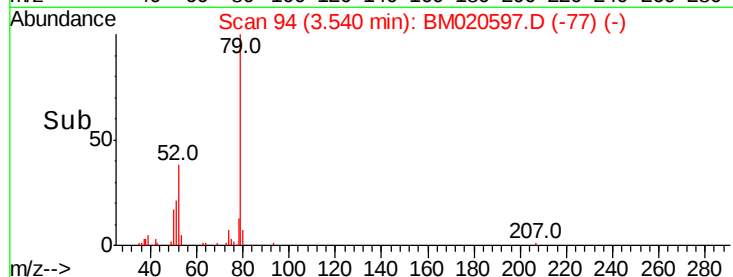
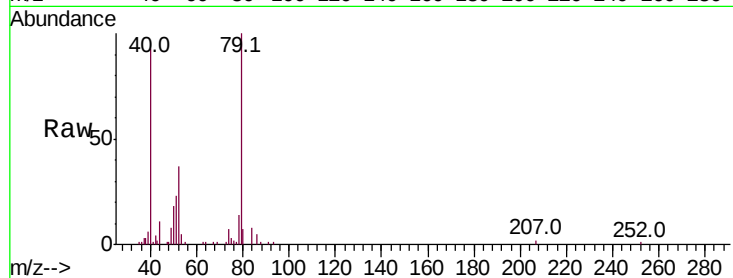
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	137762
Ion Ratio	Lower	Upper	
79	100		
52	37.2	29.8	44.6
51	22.8	18.2	27.4

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#4

n-Nitrosodimethylamine

Concen: 47.301 ng

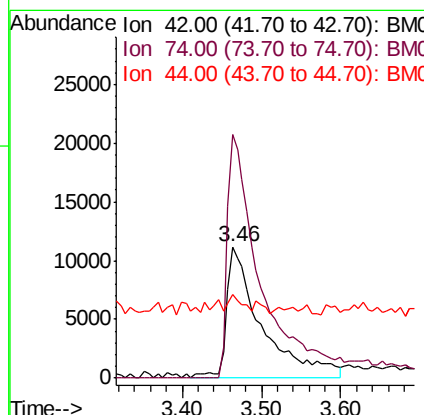
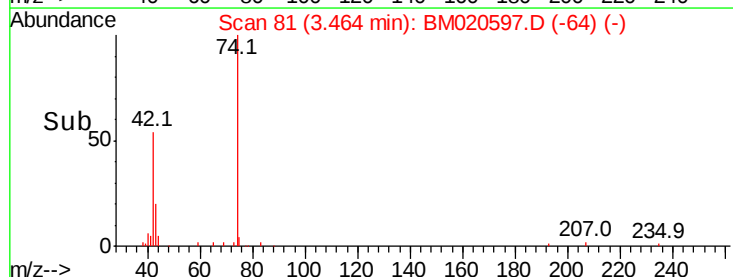
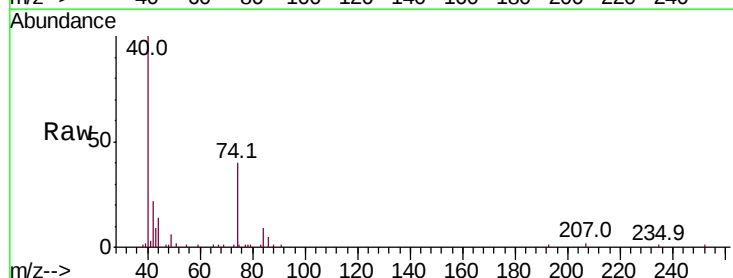
RT: 3.46 min Scan# 81

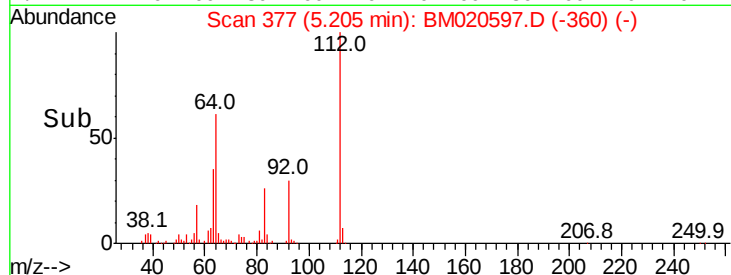
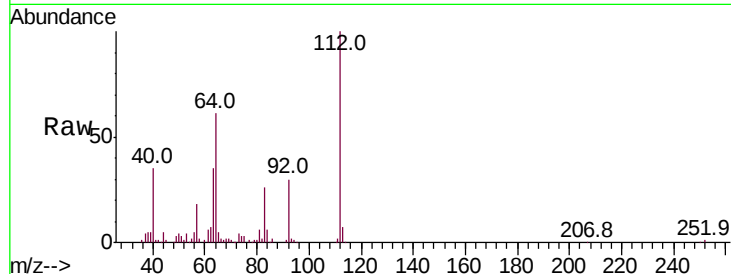
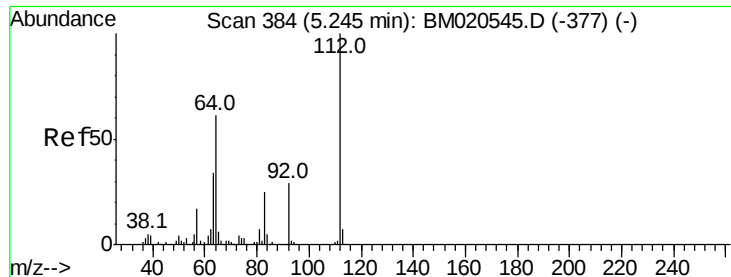
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	42	Resp:	34167
Ion Ratio	Lower	Upper	
42	100		
74	185.1	148.1	222.1
44	63.6	50.9	76.3





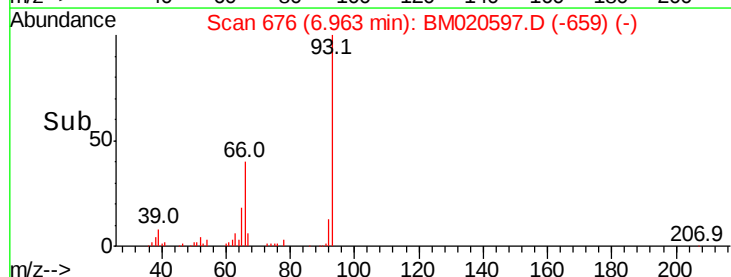
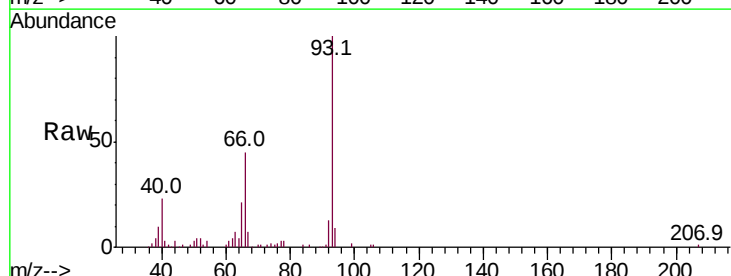
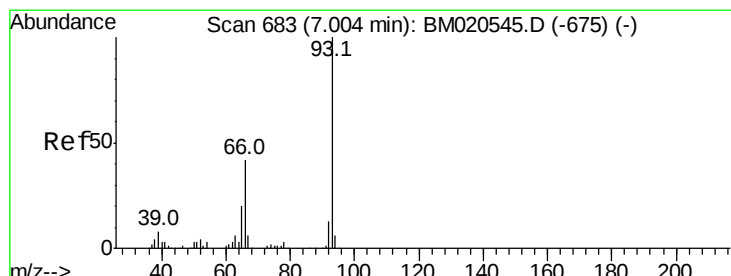
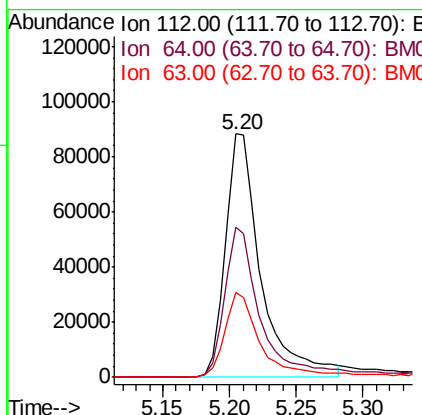
#5
2-Fluorophenol
Concen: 84.981 ng
RT: 5.20 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tot Ion	Ratio	Resp	Lower	Upper
112	100	165412		
64	61.5	49.2	73.8	
63	35.0	28.0	42.0	

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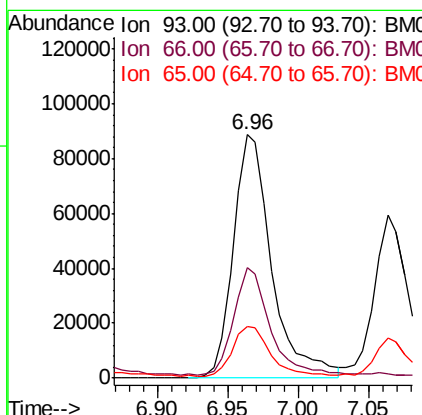
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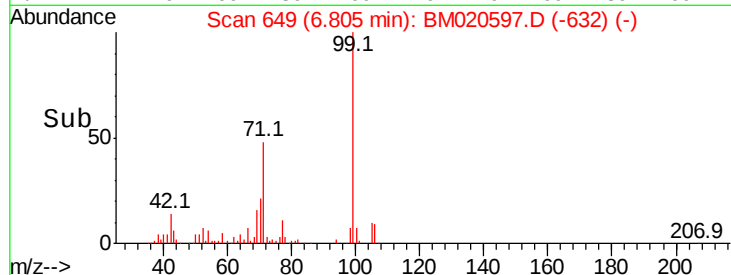
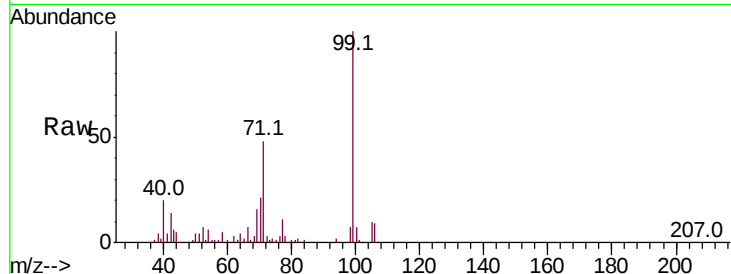
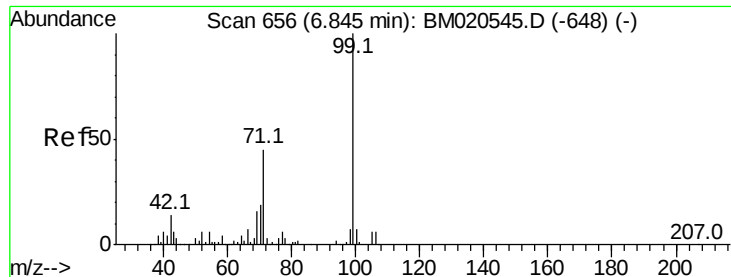
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#6
Aniline
Concen: 39.700 ng
RT: 6.96 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	168718		
66	45.3	36.2	54.4	
65	21.2	17.0	25.4	





#7

Phenol-d6

Concen: 83.661 ng

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tot Ion	99	Resp	245787
Ion Ratio	Lower	Upper	
99	100		
42	14.3	11.4	17.2
71	47.9	38.3	57.5

Instrument :

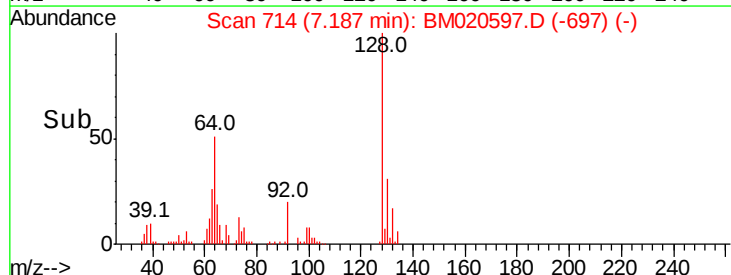
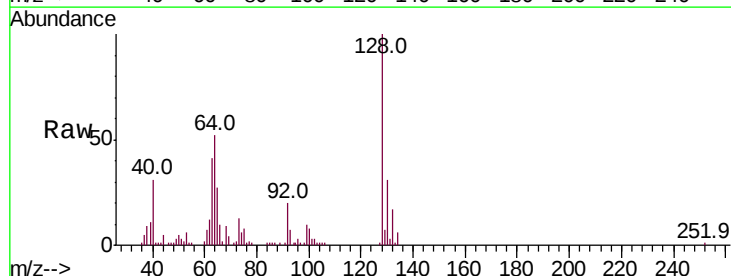
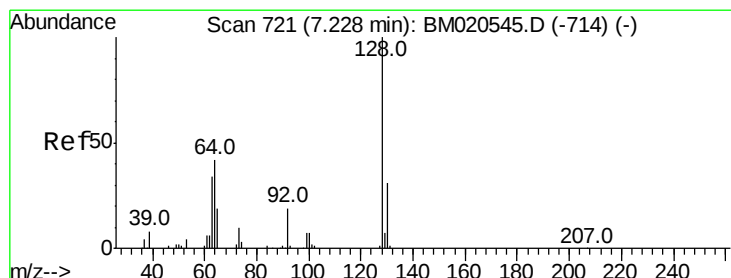
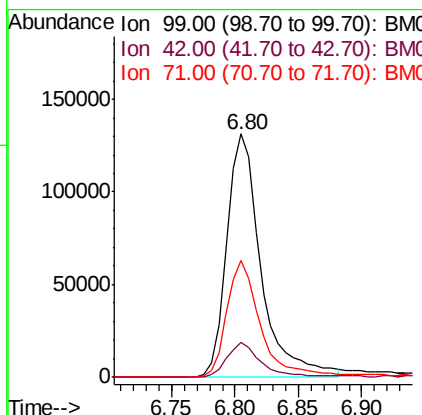
BNA_M

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#8

2-Chlorophenol

Concen: 43.371 ng

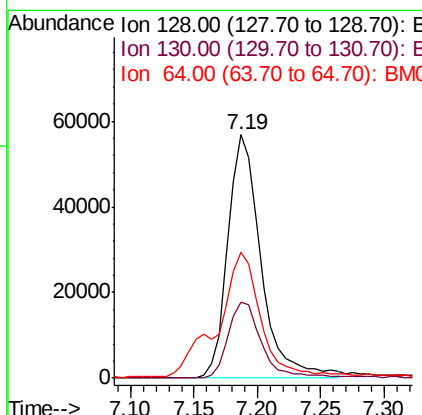
RT: 7.19 min Scan# 714

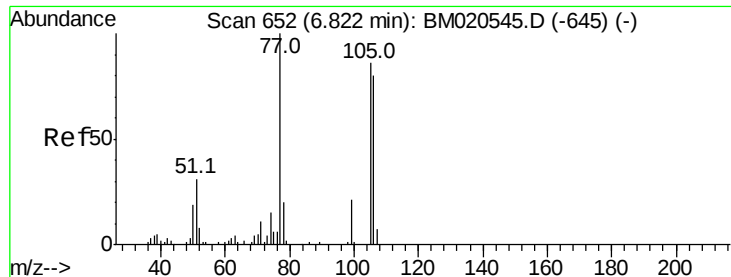
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion	128	Resp	103229
Ion Ratio	Lower	Upper	
128	100		
130	31.3	11.3	51.3
64	51.7	31.7	71.7





#9

Benzaldehyde

Concen: 40.154 ng

RT: 6.79 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

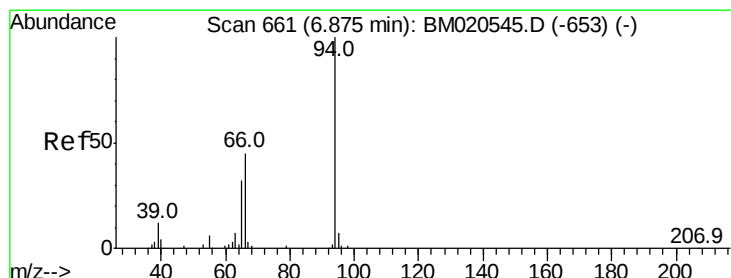
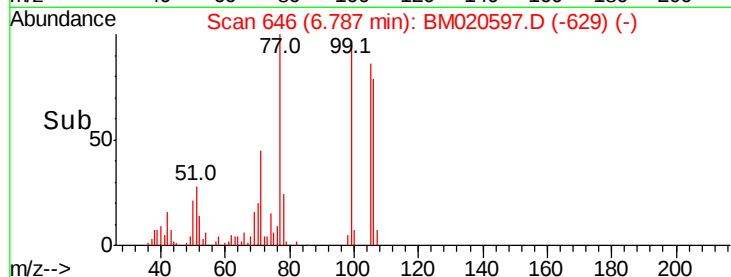
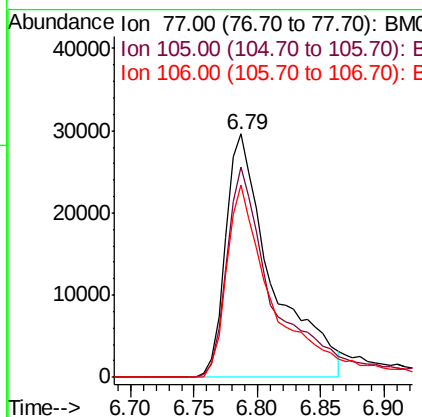
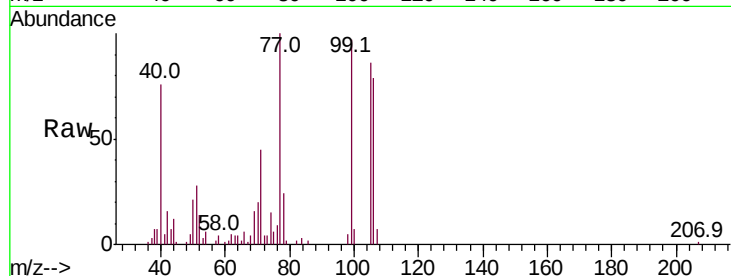
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	75312
Ion	Ratio	Lower	Upper
77	100		
105	86.4	66.4	106.4
106	79.0	59.0	99.0

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#10

Phenol

Concen: 41.645 ng

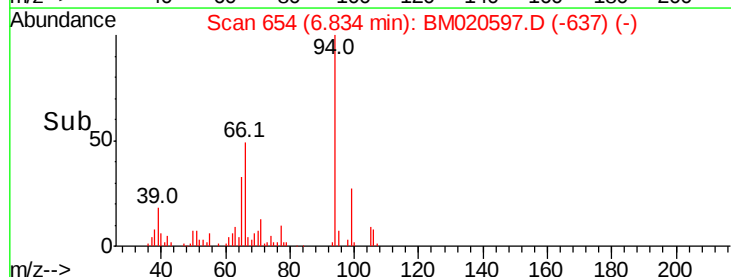
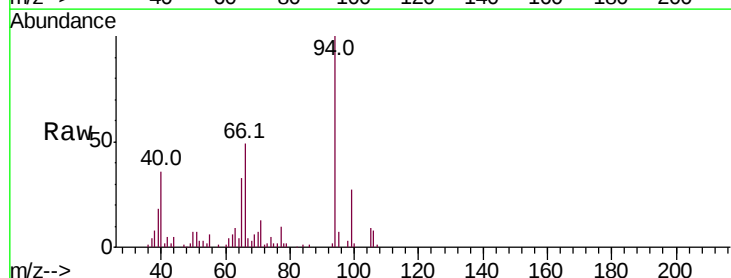
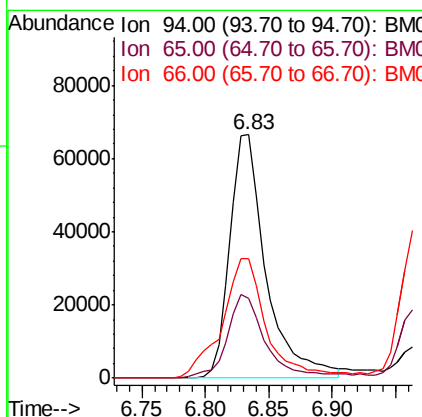
RT: 6.83 min Scan# 654

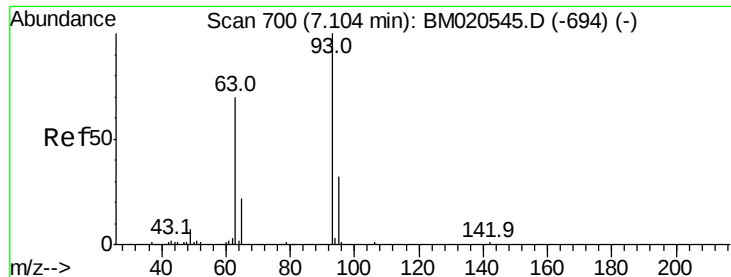
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	94	Resp:	132116
Ion	Ratio	Lower	Upper
94	100		
65	33.0	13.0	53.0
66	49.2	29.2	69.2





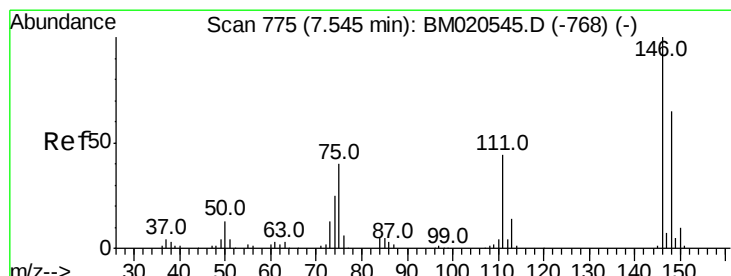
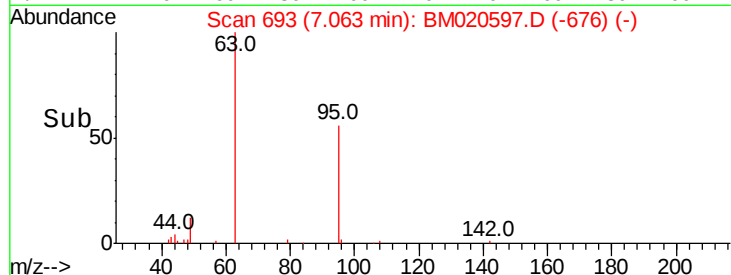
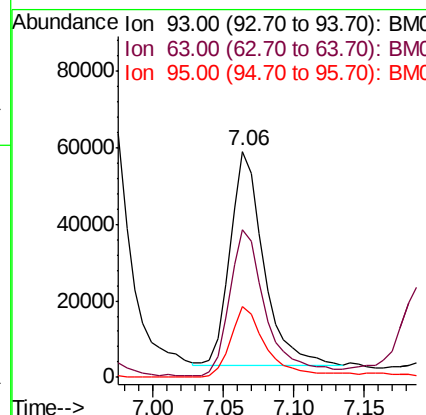
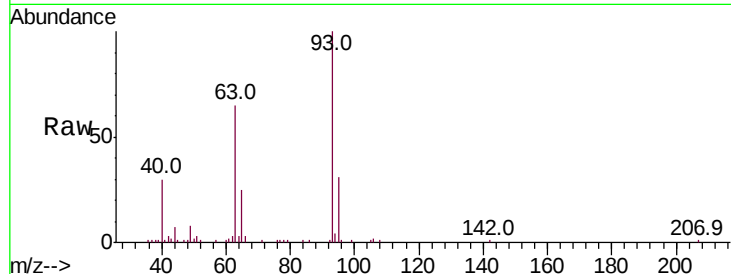
#11
bis(2-Chloroethyl)ether
Concen: 38.853 ng
RT: 7.06 min Scan# 693
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.4	45.4	85.4
95	31.1	11.1	51.1

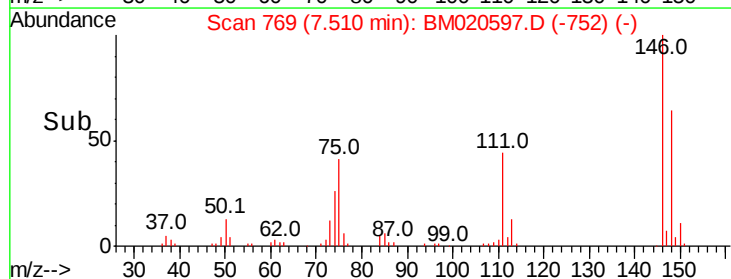
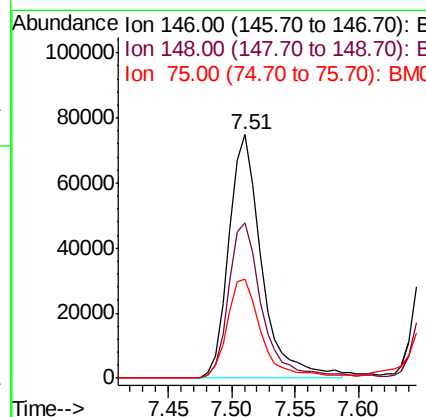
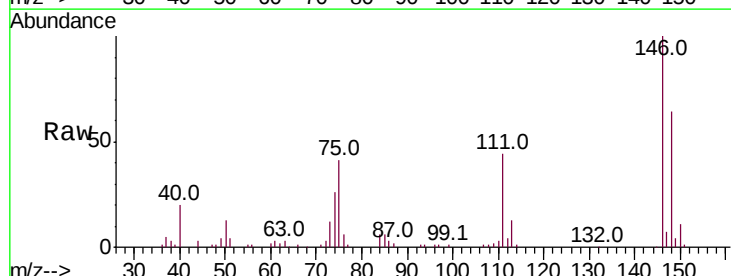
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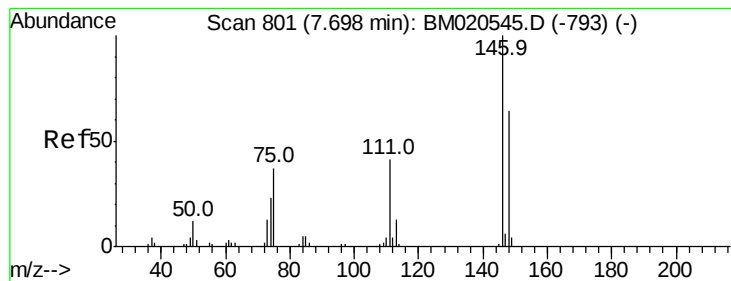
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.233 ng
RT: 7.51 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	40.6	32.5	48.7





#13

1,4-Dichlorobenzene

Concen: 42.268 ng

RT: 7.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

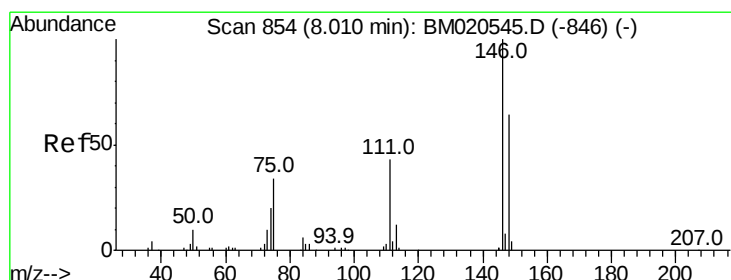
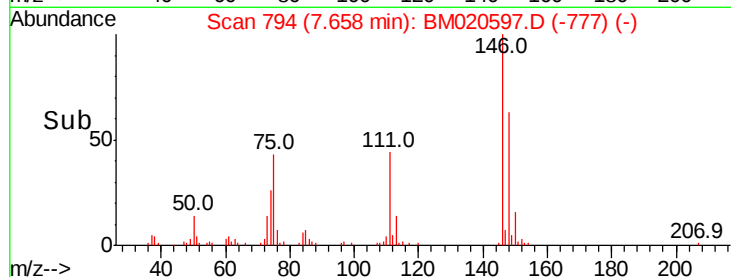
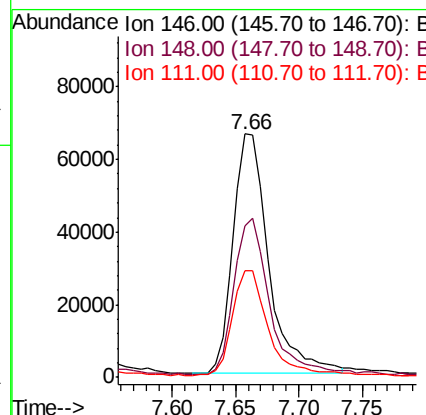
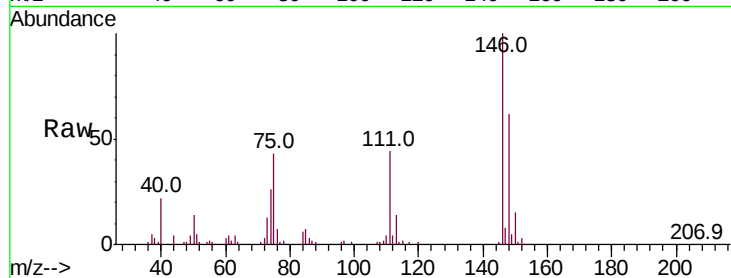
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	128782
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.0	75.0
111	43.9	35.1	52.7

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#14

1,2-Dichlorobenzene

Concen: 43.428 ng

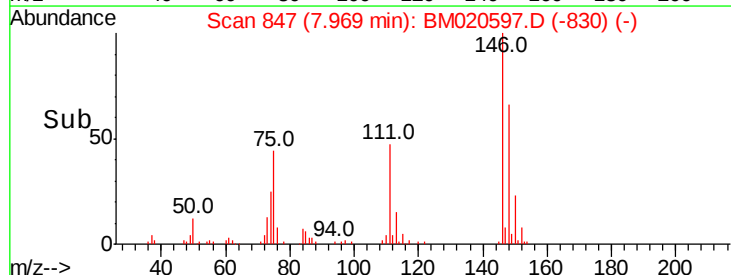
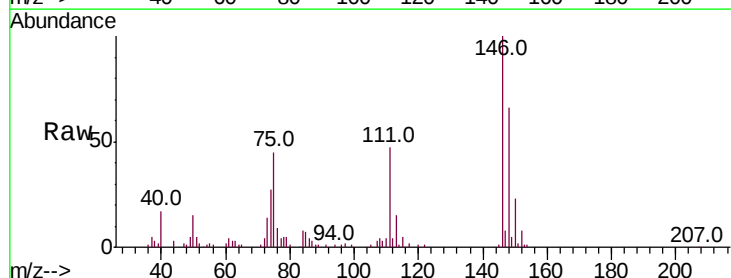
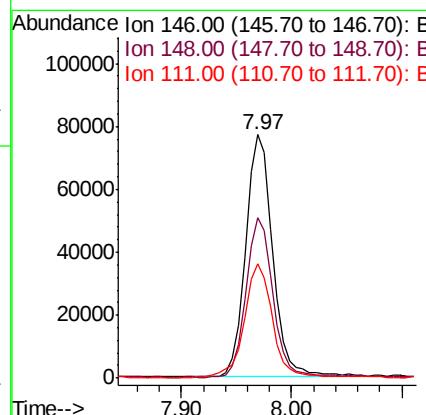
RT: 7.97 min Scan# 847

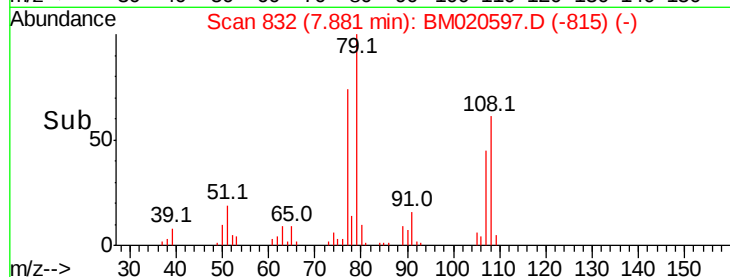
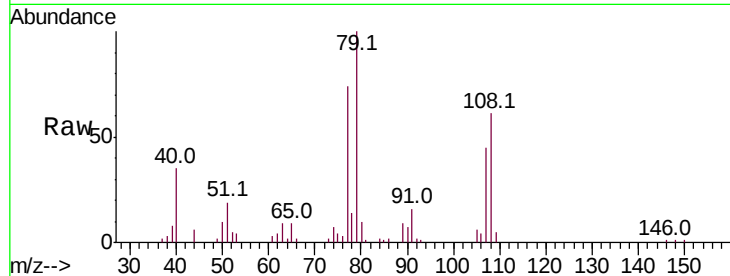
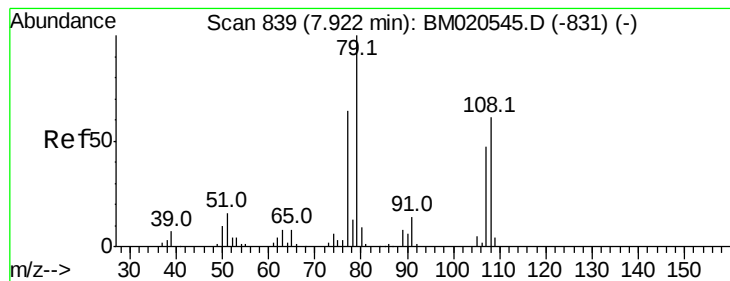
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	146	Resp:	132652
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.7	79.1
111	46.9	37.5	56.3





#15

Benzyl Alcohol

Concen: 38.294 ng/ml

RT: 7.88 min Scan# 832

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tot Ion:	79	Resp:	104106
Ion Ratio	Lower	Upper	
79	100		
108	61.1	48.9	73.3
77	74.2	59.4	89.0

Instrument :

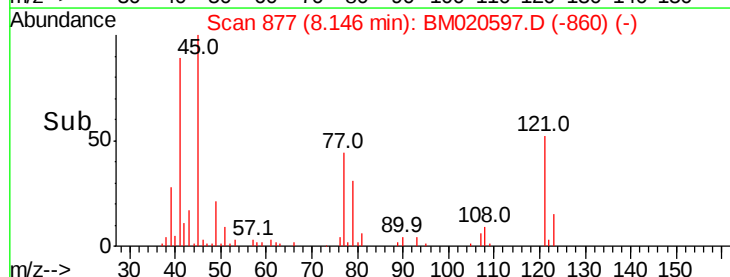
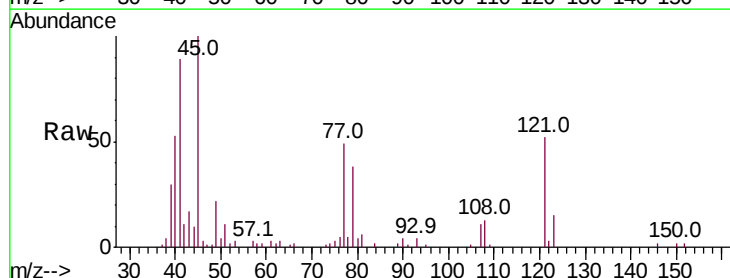
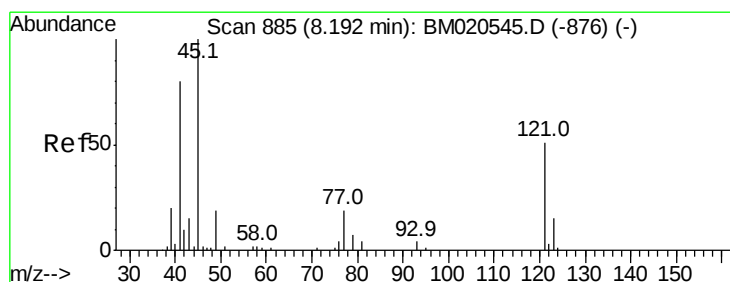
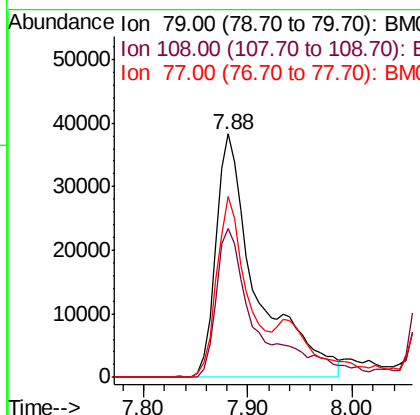
BNA_M

ClientSampleID :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.617 ng/ml

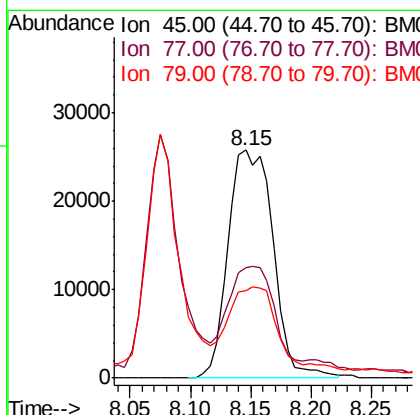
RT: 8.15 min Scan# 877

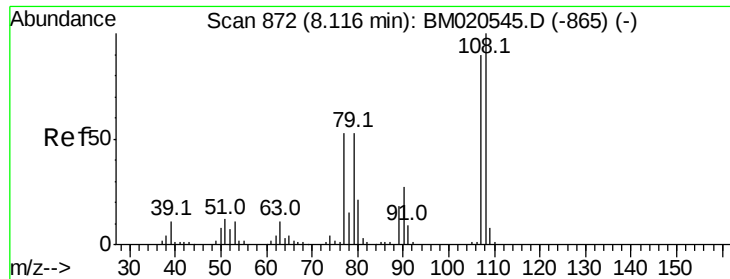
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	45	Resp:	67020
Ion Ratio	Lower	Upper	
45	100		
77	48.7	28.7	68.7
79	38.3	18.3	58.3





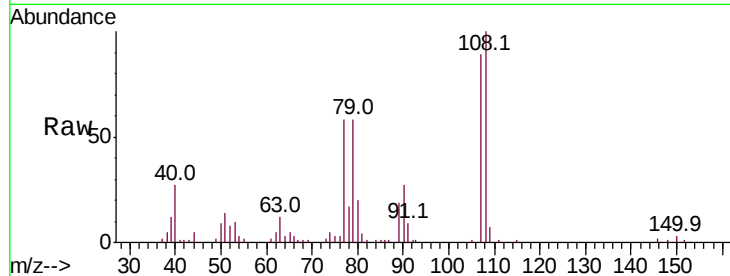
#17
2-Methylphenol
Concen: 38.981 ng
RT: 8.08 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

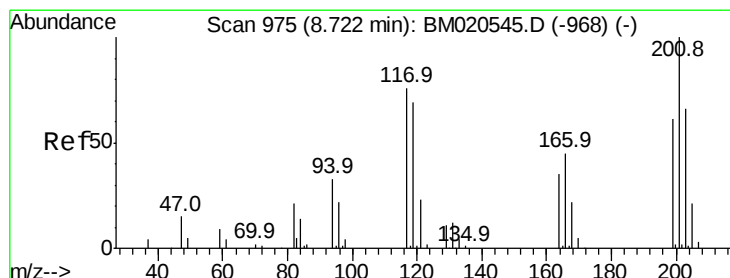
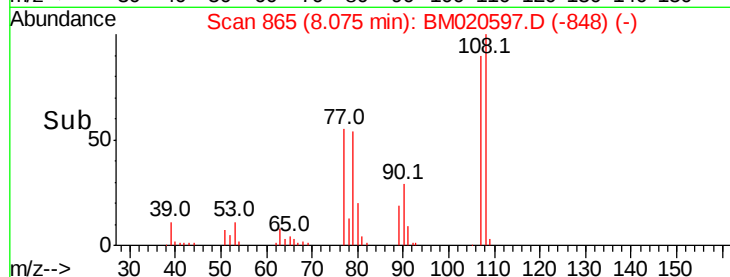
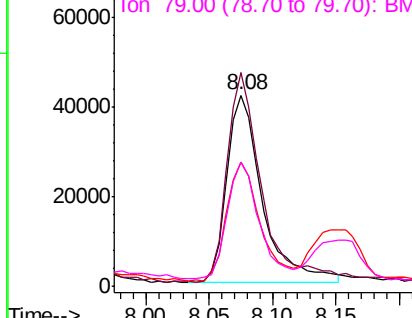
Tot Ion:	107	Resp:	81642
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.5	134.3
77	64.7	51.8	77.6
79	64.7	51.8	77.6

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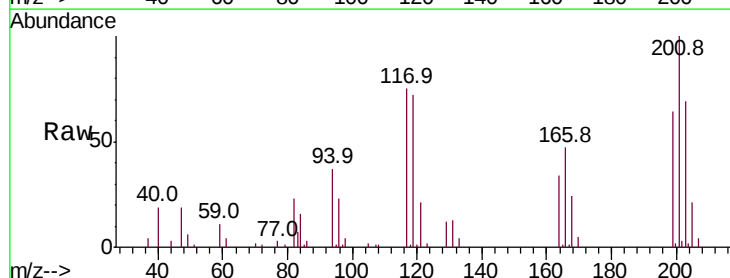


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

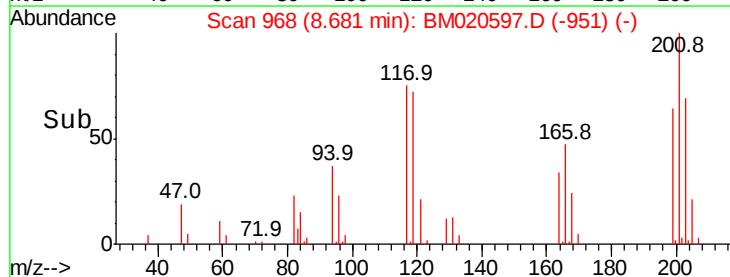
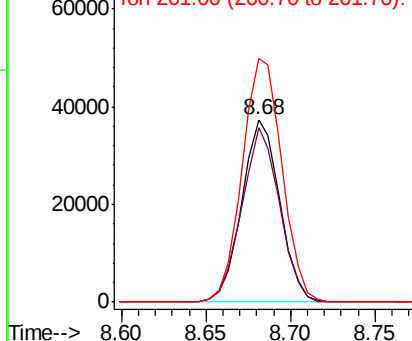


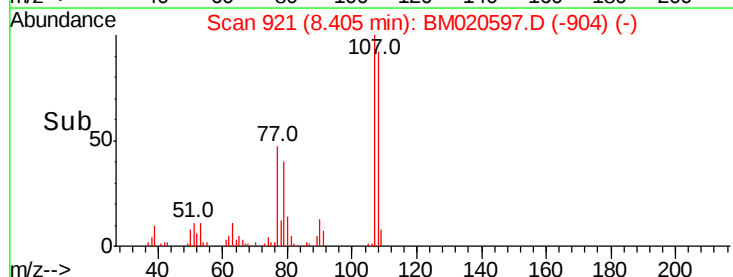
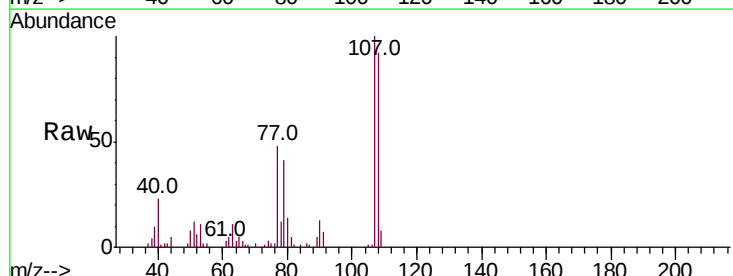
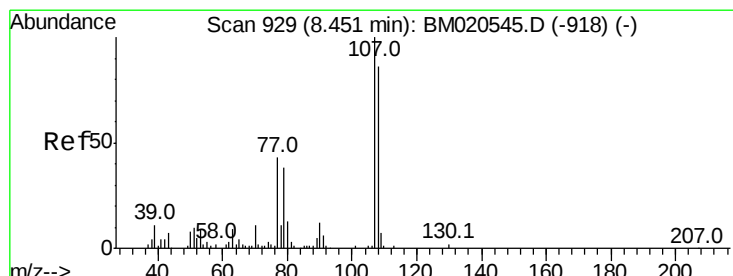
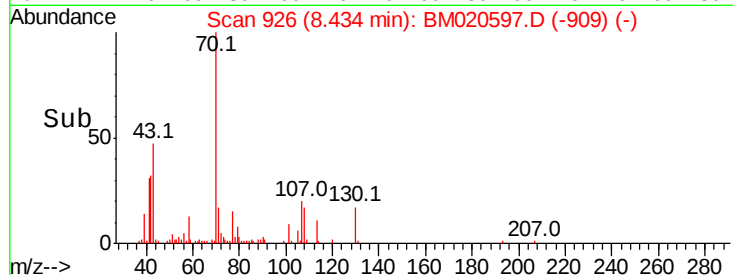
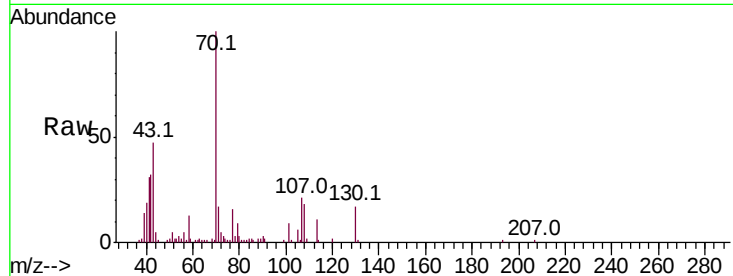
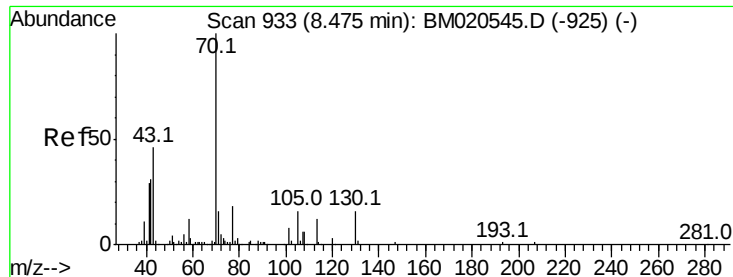
#18
Hexachloroethane
Concen: 47.332 ng
RT: 8.68 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion:	117	Resp:	58418
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6
201	133.3	106.6	160.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.748 ng

RT: 8.43 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM020597.D

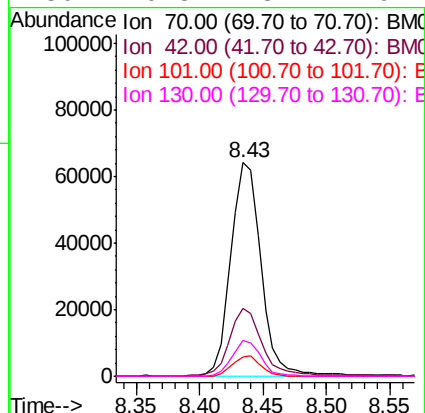
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	31.9	25.5	38.3
101	8.8	7.0	10.6
130	16.8	13.4	20.2

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#20

3+4-Methylphenols

Concen: 37.975 ng

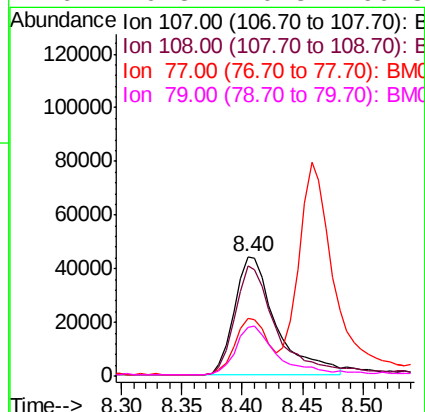
RT: 8.40 min Scan# 921

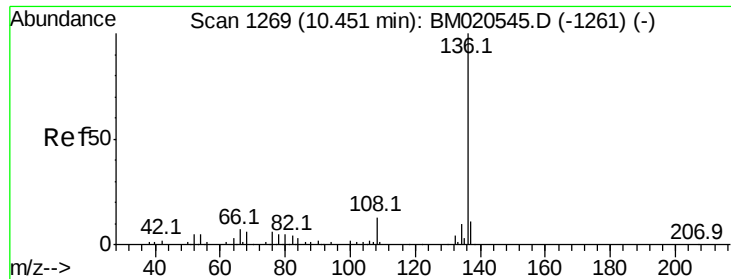
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.3	112.3
77	47.9	27.9	67.9
79	40.8	20.8	60.8





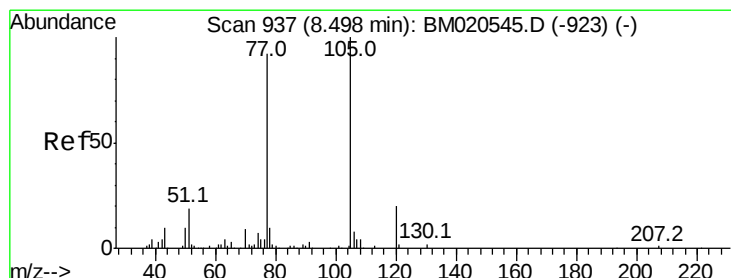
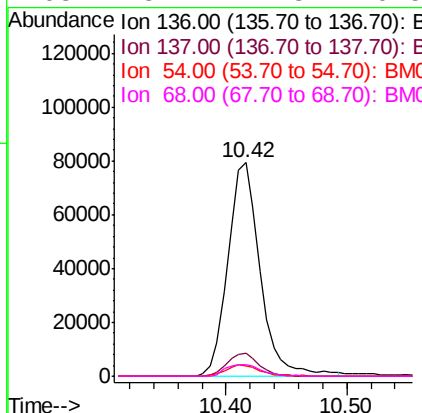
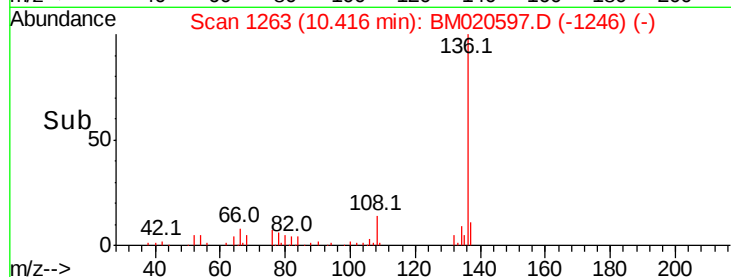
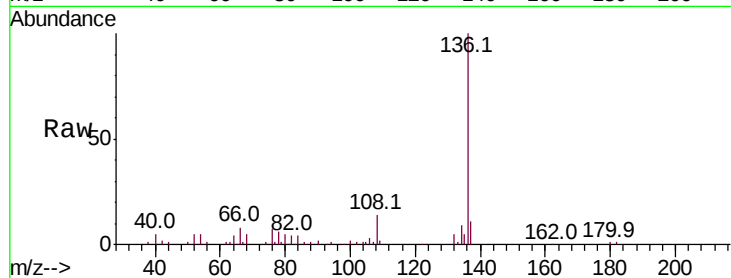
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	147563		
137	10.9		8.7	13.1
54	4.7		3.8	5.6
68	5.4		4.3	6.5

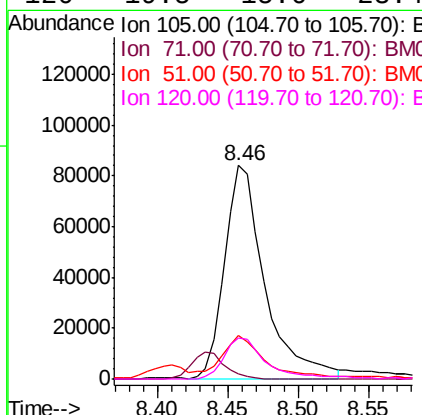
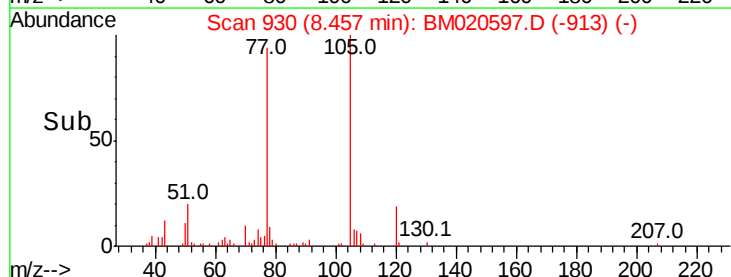
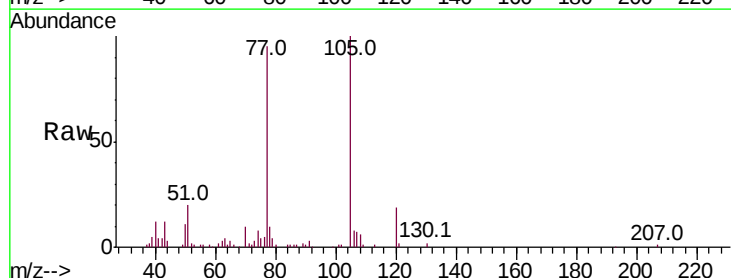
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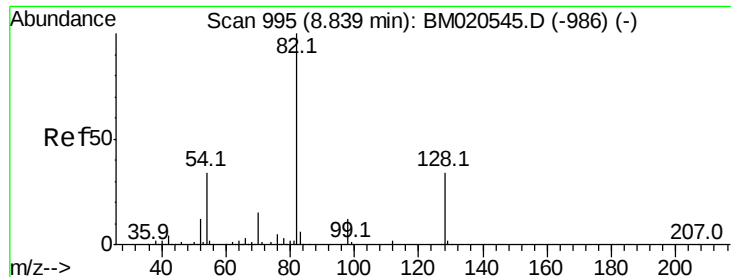
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#22
Acetophenone
Concen: 41.245 ng
RT: 8.46 min Scan# 930
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167598		
71	2.1		1.7	2.5
51	20.4		16.3	24.5
120	19.5		15.6	23.4





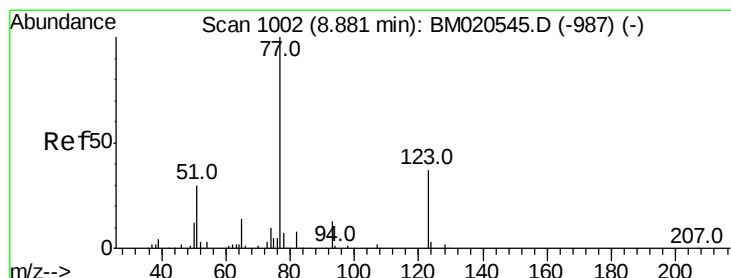
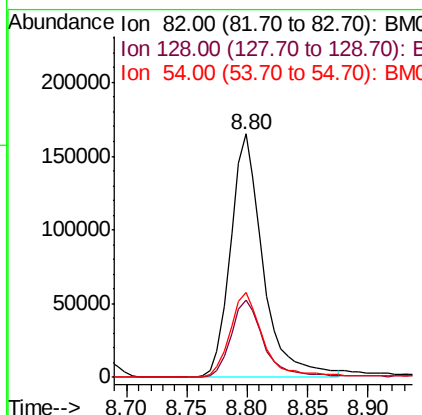
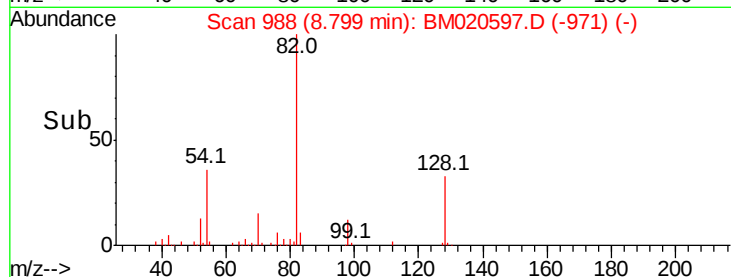
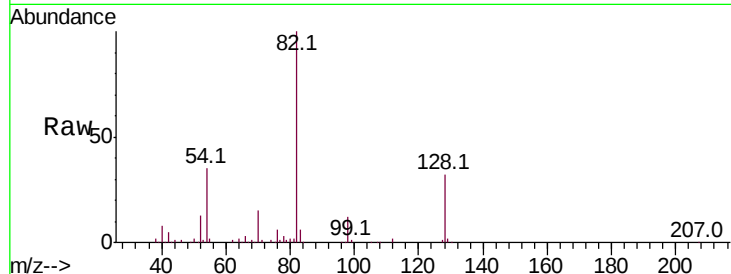
#23
Nitrobenzene-d5
Concen: 88.014 ng
RT: 8.80 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.8	25.4	38.2
54	35.0	28.0	42.0

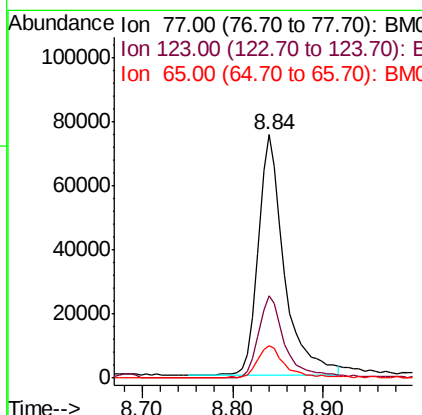
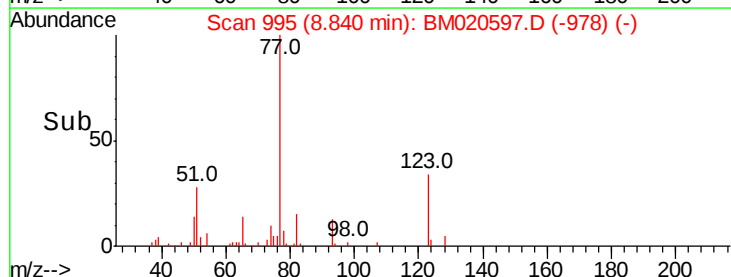
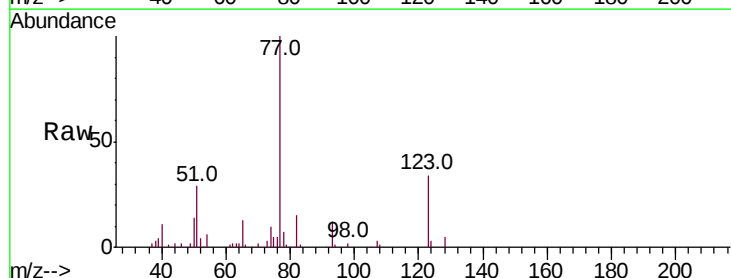
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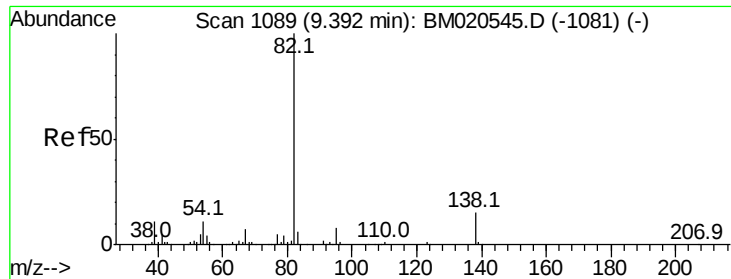
mohammad
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#24
Nitrobenzene
Concen: 43.493 ng
RT: 8.84 min Scan# 995
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.6	26.9	40.3
65	13.4	10.7	16.1





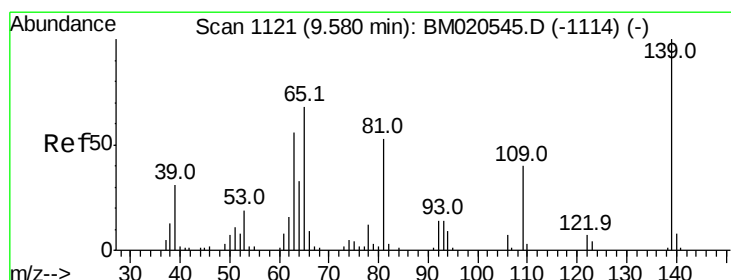
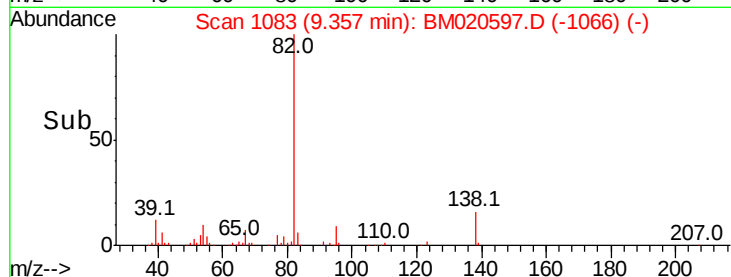
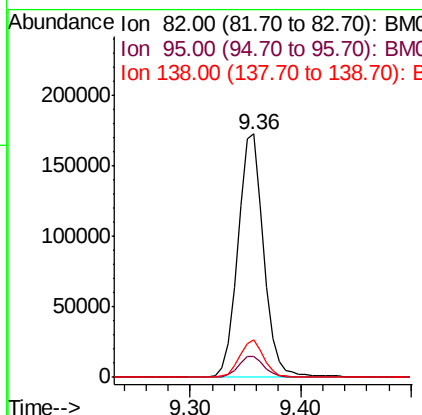
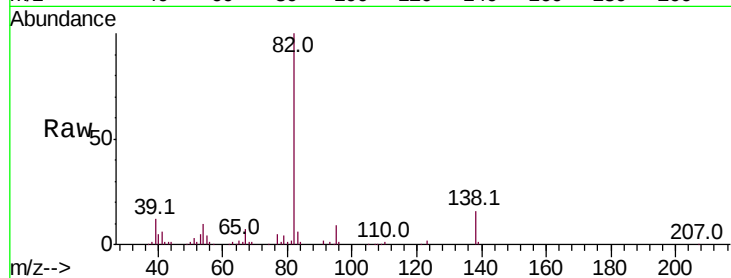
#25
Isophorone
Concen: 43.354 ng
RT: 9.36 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.6	6.9	10.3	
138	15.6	12.5	18.7	

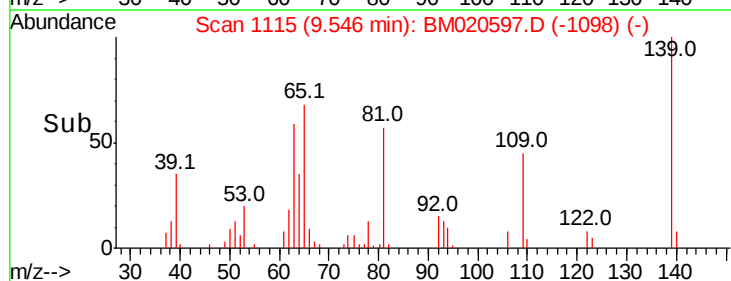
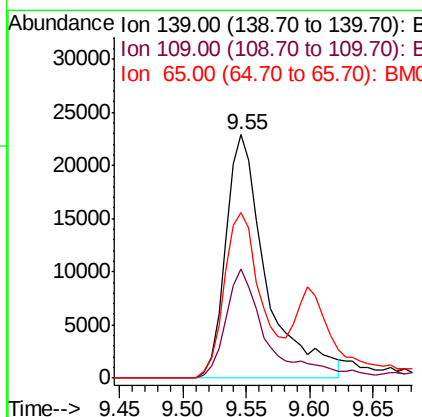
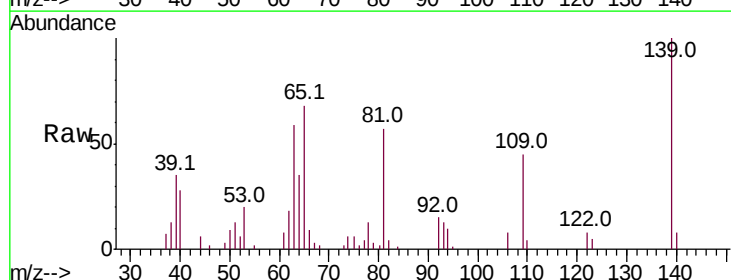
Manual Integrations
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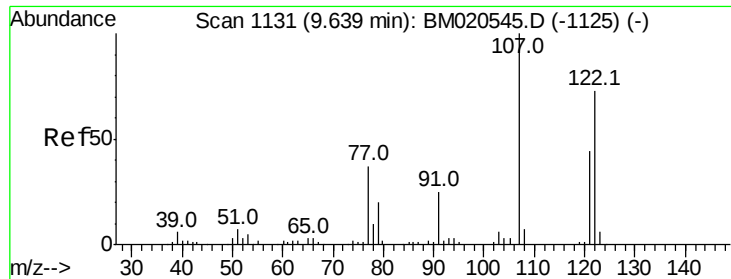
mohammad
5/30/2019 8:15:55 AM



#26
2-Nitrophenol
Concen: 39.521 ng
RT: 9.55 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	45.0	36.0	54.0	
65	68.2	54.6	81.8	





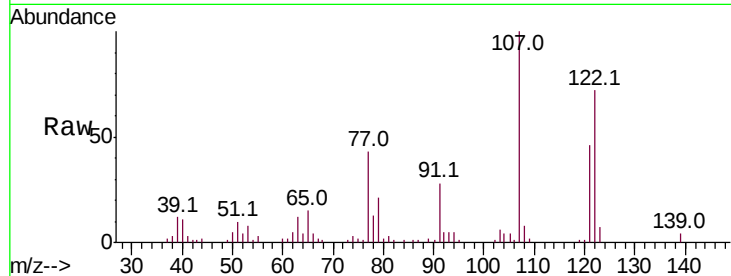
#27
 2,4-Dimethylphenol
 Concen: 40.132 ng
 RT: 9.60 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	111.8	167.6
121	63.8	51.0	76.6

Manual Integrations
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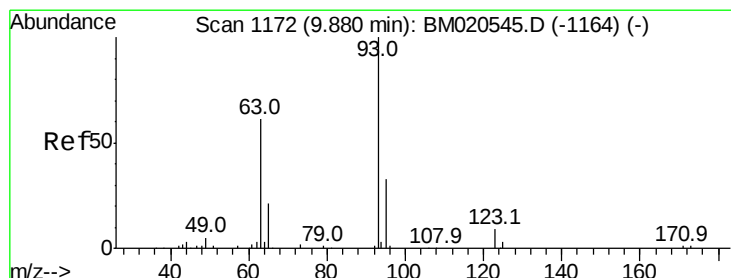
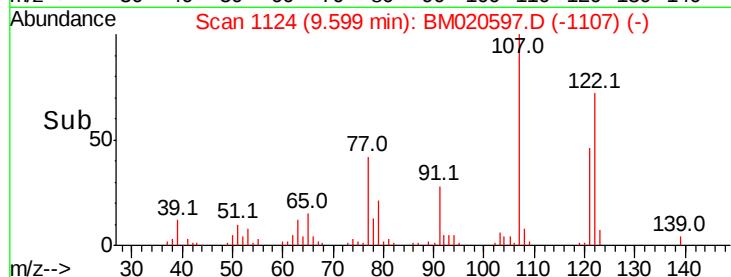
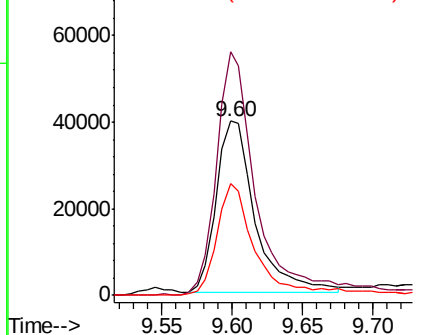


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.255 ng
 RT: 9.84 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

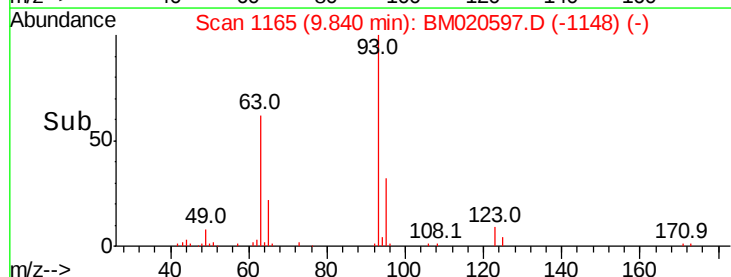
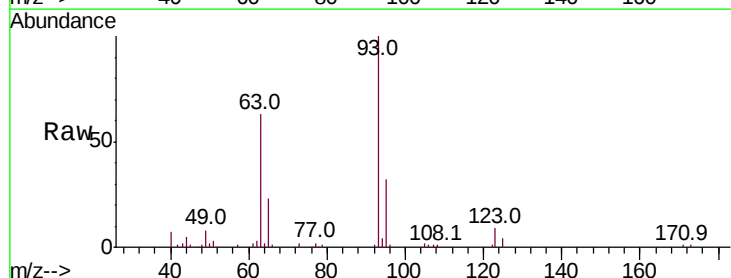
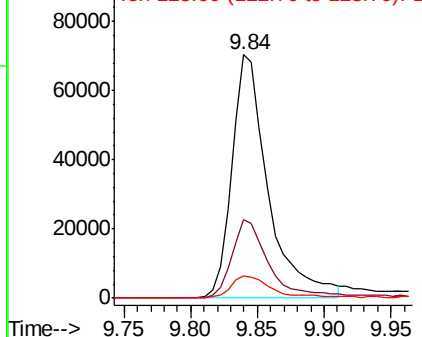
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	9.3	7.4	11.2

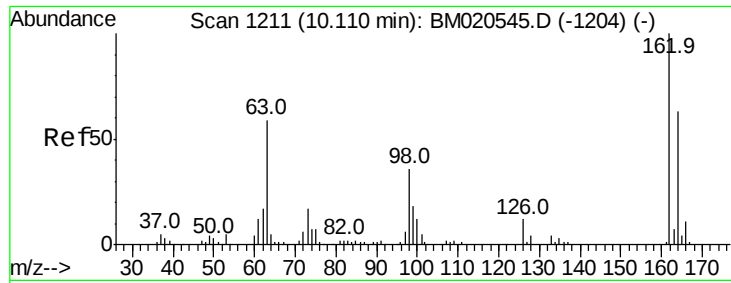
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





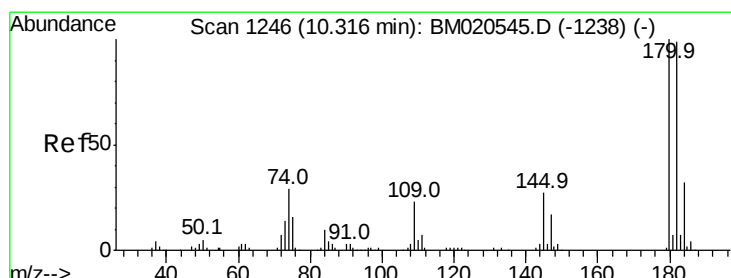
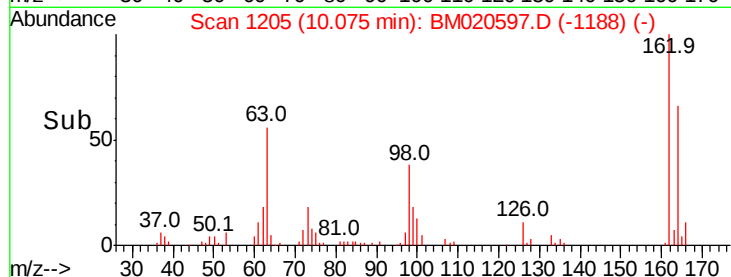
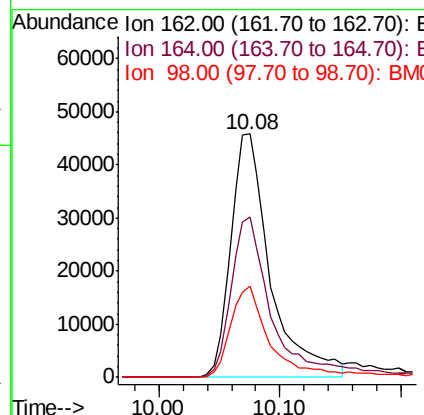
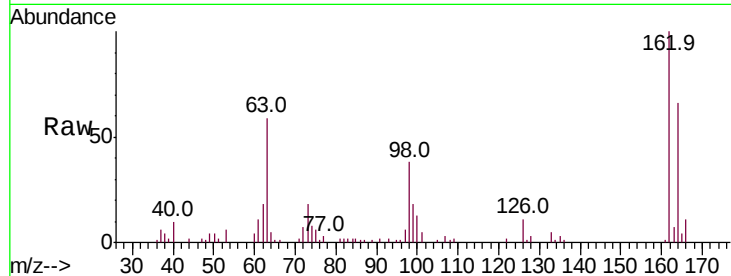
#29
2,4-Dichlorophenol
Concen: 41.222 ng
RT: 10.08 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	104633		
164	65.8	45.8	85.8	
98	37.7	17.7	57.7	

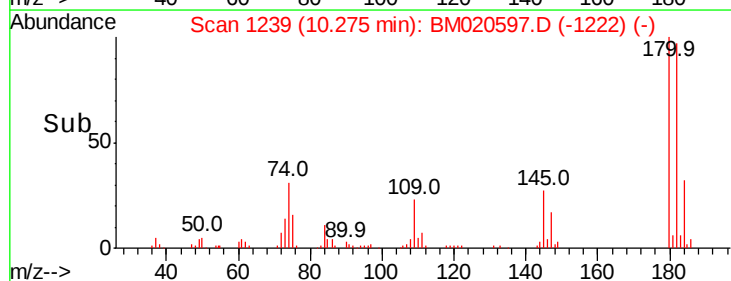
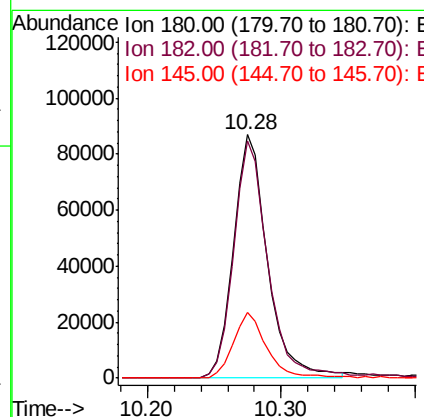
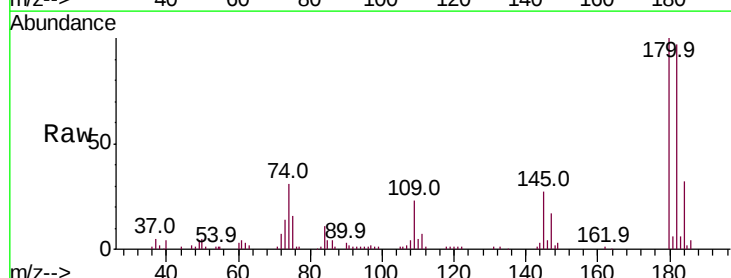
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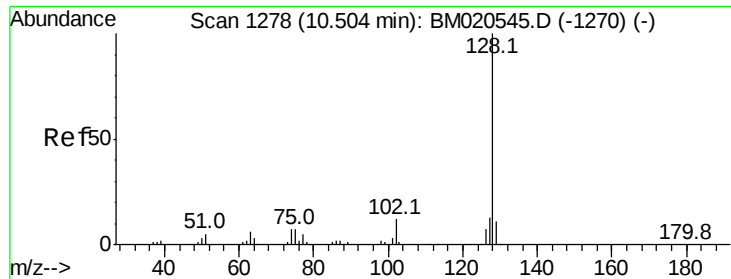
mohammad
5/30/2019 8:15:55 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.619 ng
RT: 10.28 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154852		
182	97.2	77.8	116.6	
145	26.9	21.5	32.3	





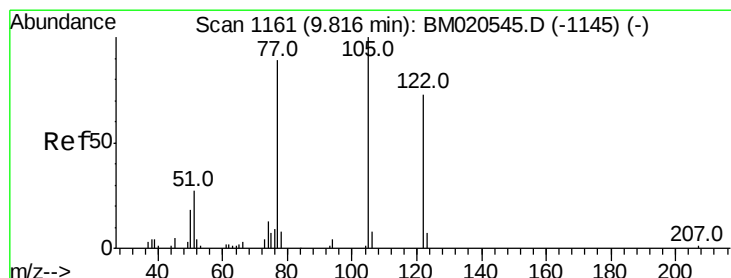
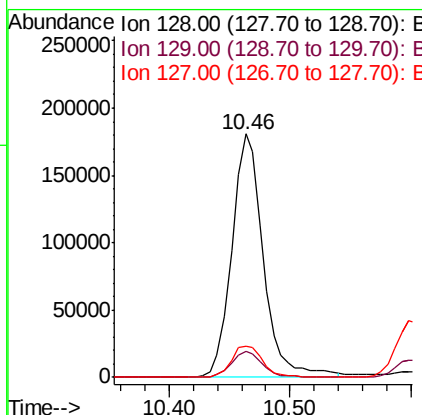
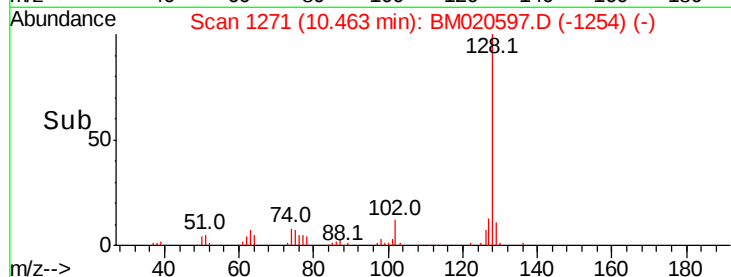
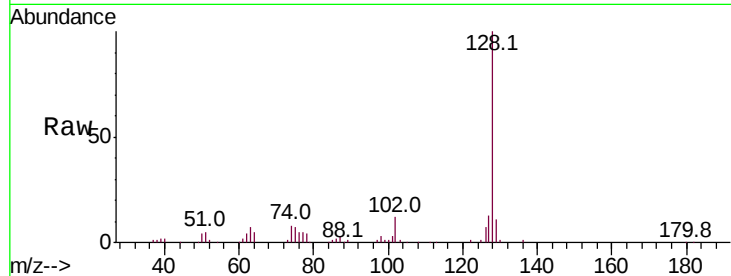
#31
Naphthalene
Concen: 43.064 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	328111		
129	10.8	8.6	13.0	
127	12.9	10.3	15.5	

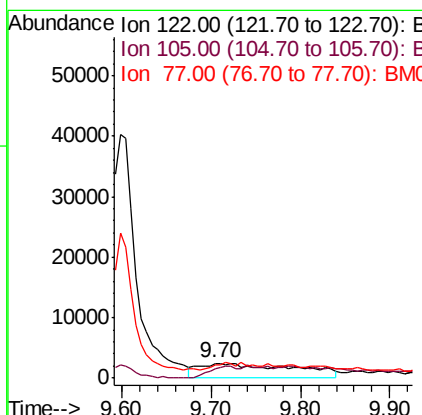
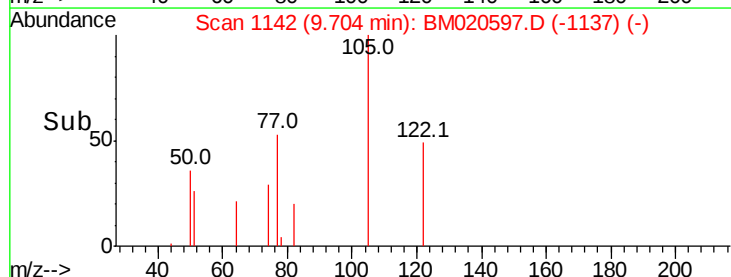
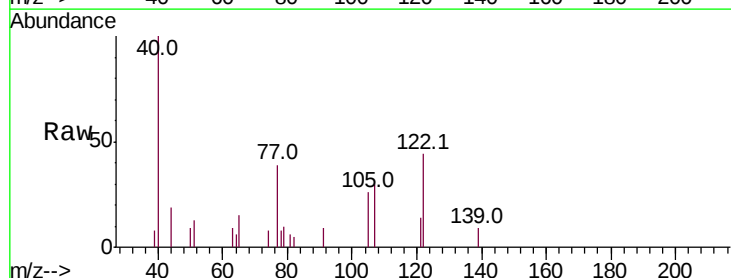
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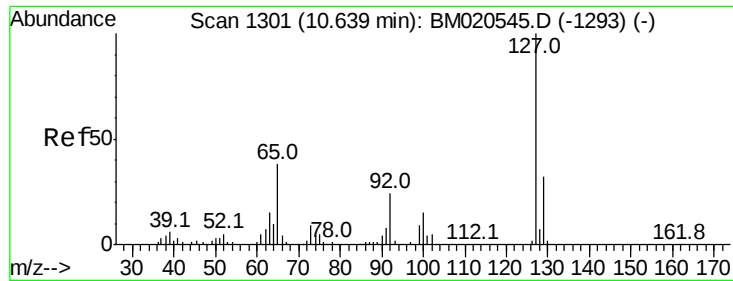
mohammad
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#32
Benzoic acid
Concen: 21.306 ng m
RT: 9.70 min Scan# 1142
Delta R.T. -0.07 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18119		
105	60.4	65.3	105.3#	
77	90.4	77.3	117.3	





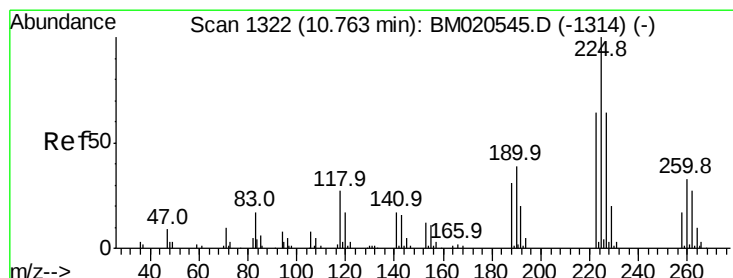
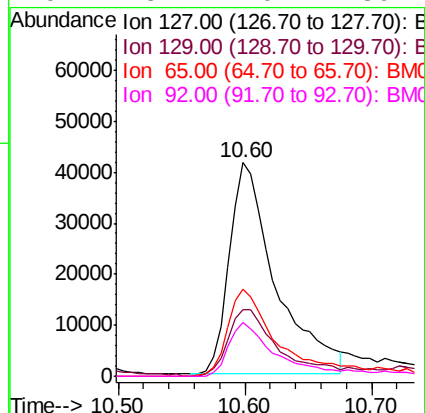
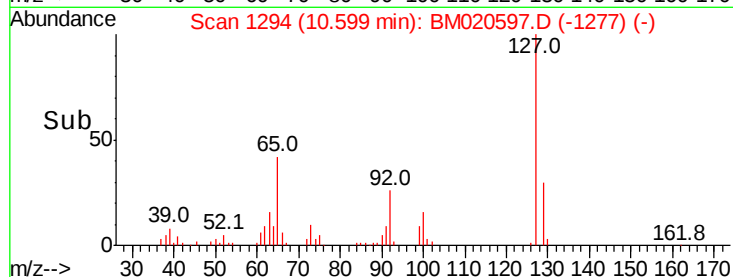
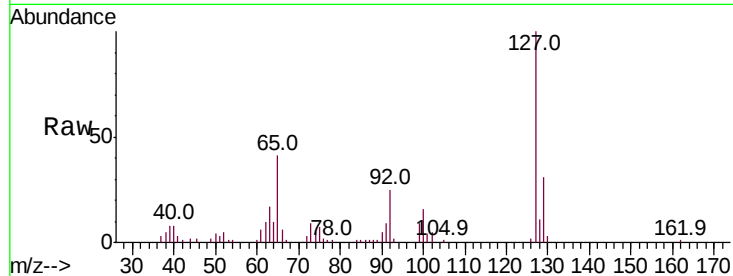
#33
4-Chloroaniline
Concen: 34.712 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	24.7	37.1	
65	40.5	32.4	48.6	
92	25.1	20.1	30.1	

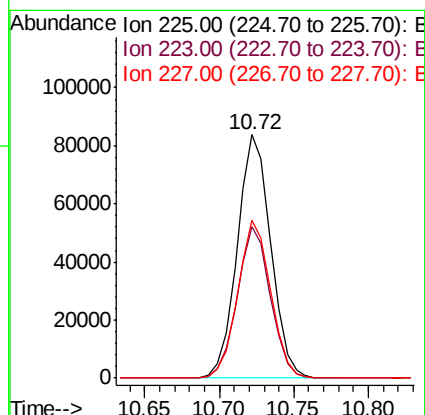
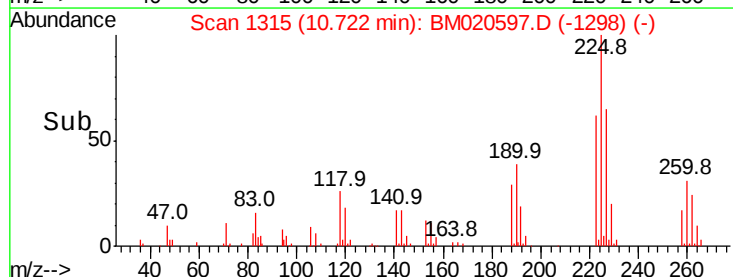
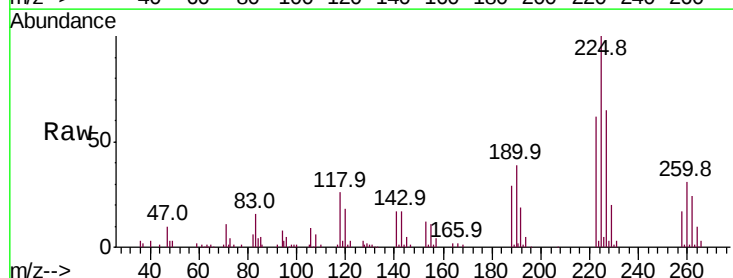
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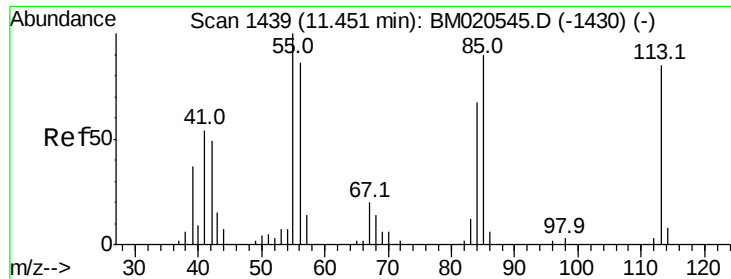
mohammad
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#34
Hexachlorobutadiene
Concen: 50.447 ng
RT: 10.72 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	49.6	74.4	
227	65.1	52.1	78.1	





#35

Caprolactam

Concen: 37.803 ng

RT: 11.40 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 31580

Ion Ratio Lower Upper

113 100

55 106.7 86.7 126.7

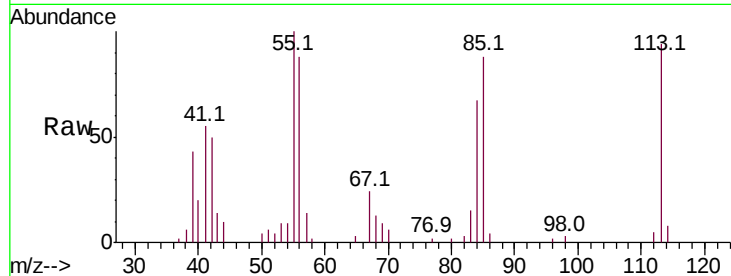
56 93.7 73.7 113.7

Manual Integrations

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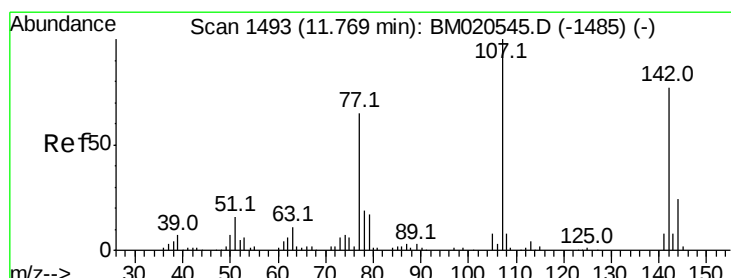
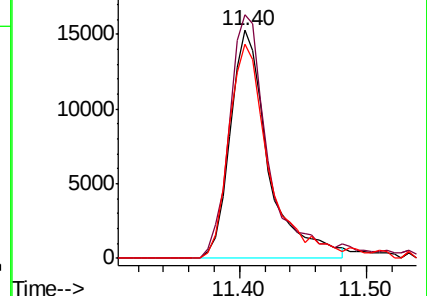
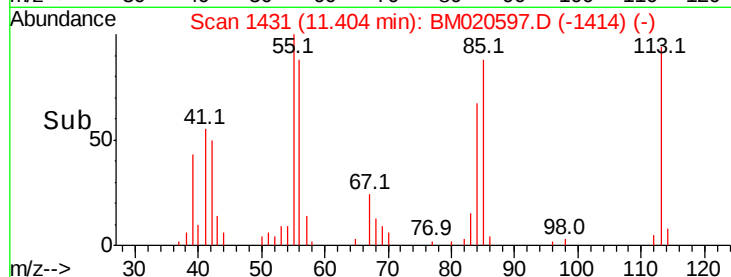
5/30/2019 8:15:55 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 38.466 ng

RT: 11.72 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

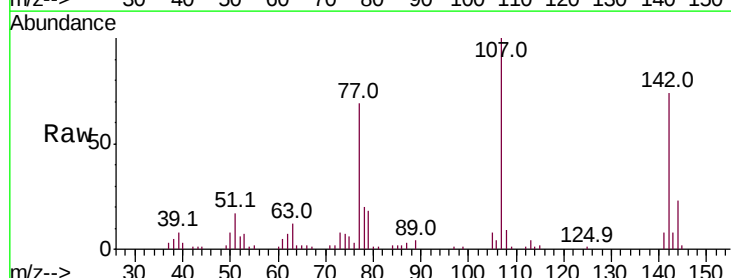
Tgt Ion:107 Resp: 106249

Ion Ratio Lower Upper

107 100

144 22.9 18.3 27.5

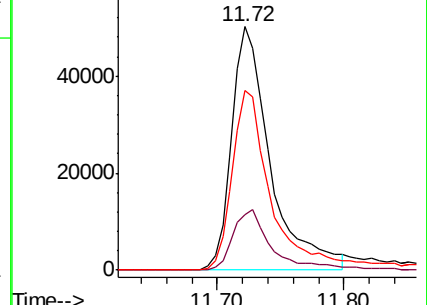
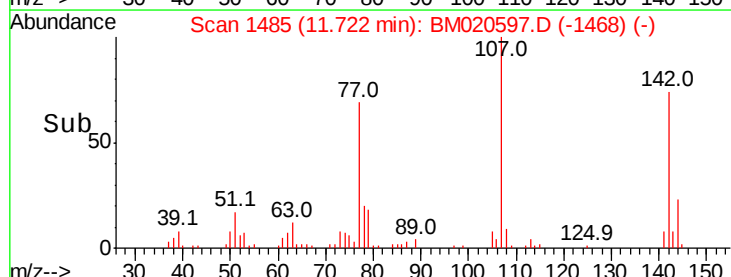
142 74.0 59.2 88.8

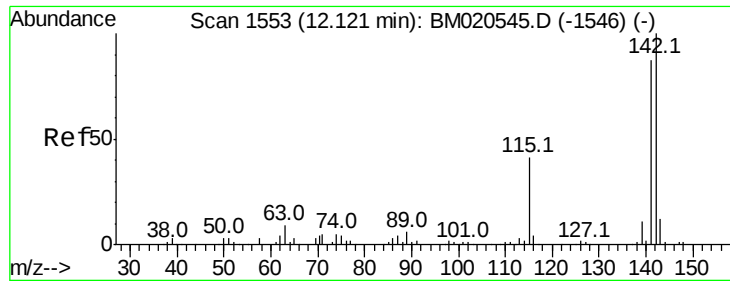


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





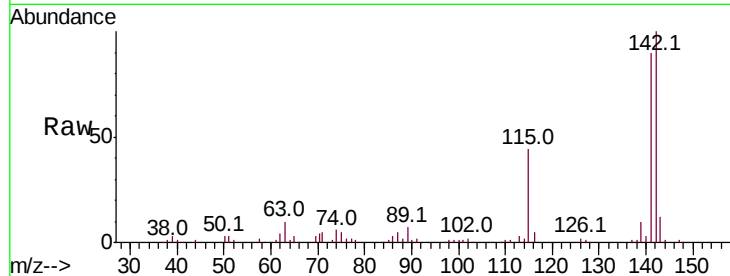
#37
 2-Methylnaphthalene
 Concen: 41.523 ng
 RT: 12.09 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	43.6	34.9	52.3

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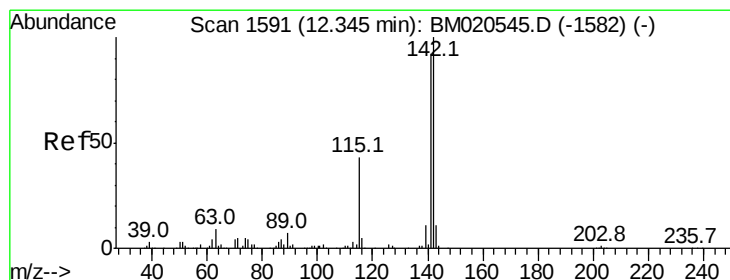
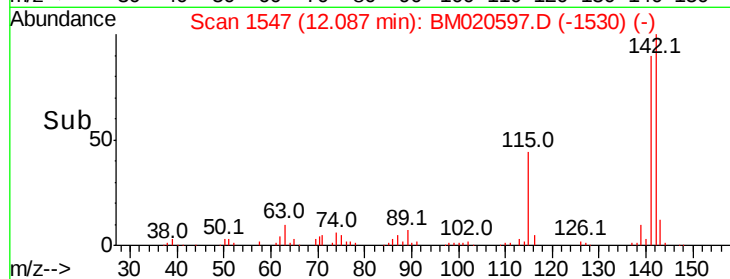
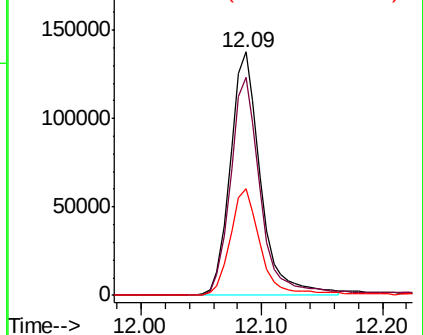


Abundance

Ion 142.00 (141.70 to 142.70): E

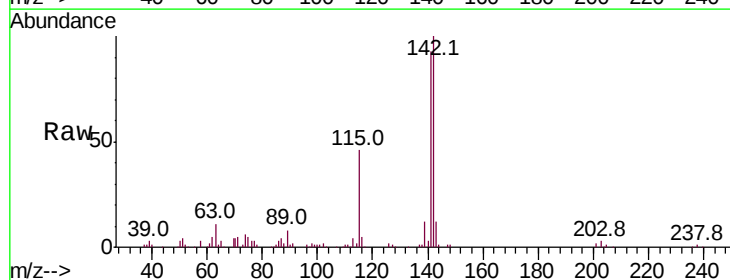
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 42.076 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.5	111.7
116	4.7	3.8	5.6

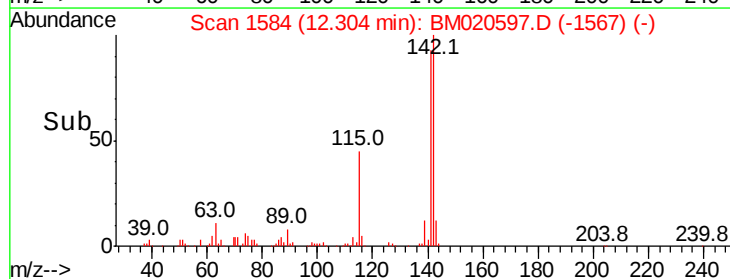
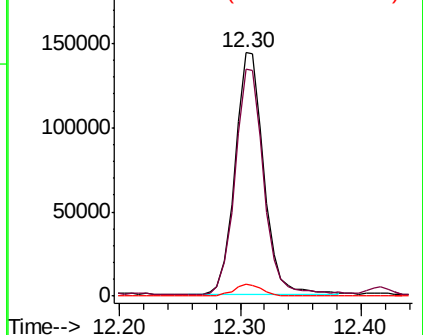


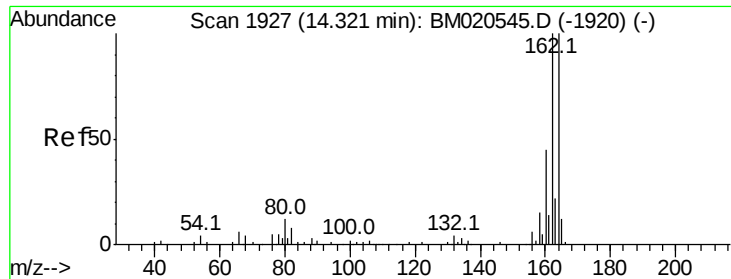
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





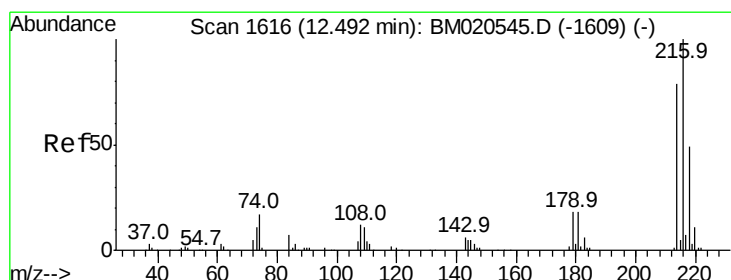
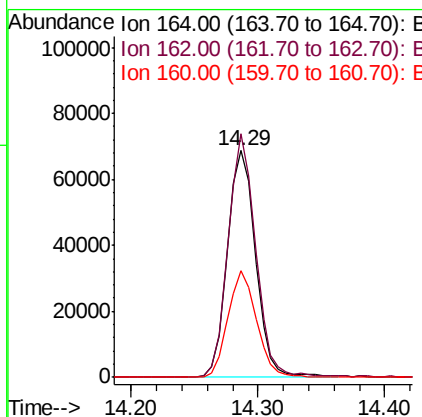
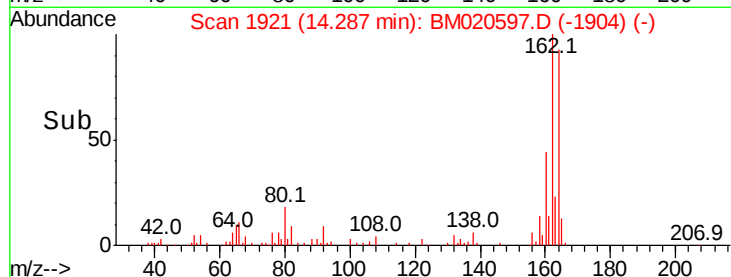
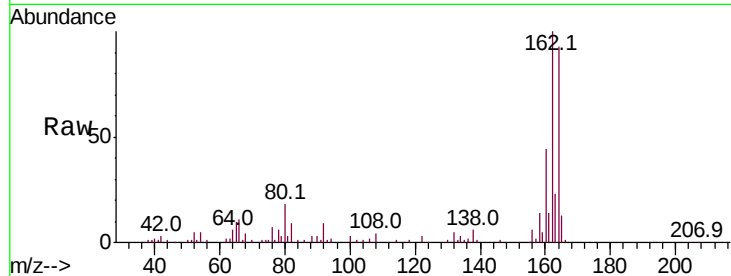
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.5	86.0	129.0	
160	46.9	37.5	56.3	

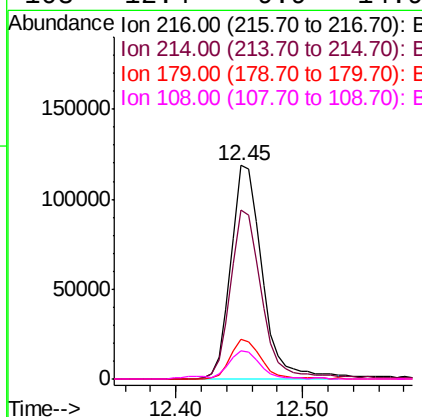
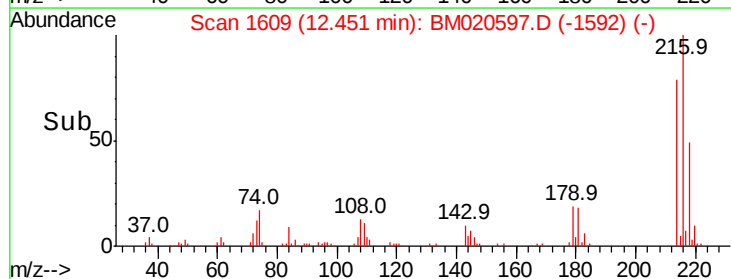
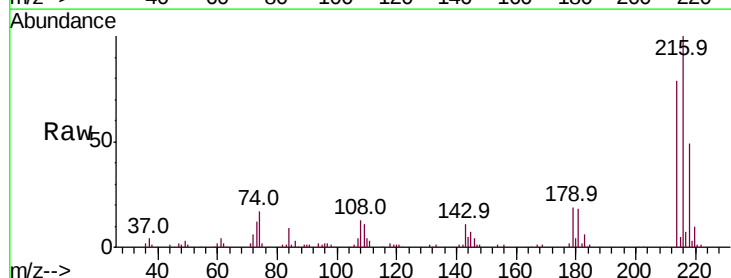
Manual Integrations
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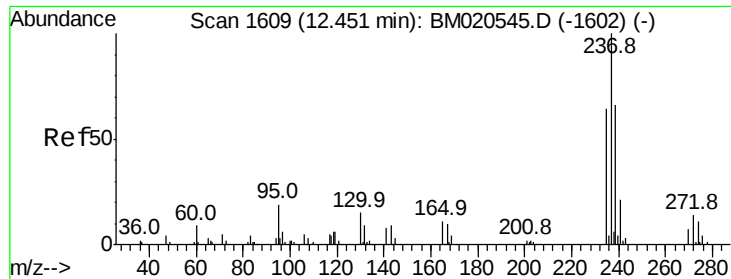
mohammad
5/30/2019 8:15:55 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.755 ng
RT: 12.45 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.0	62.3	93.5	
179	18.4	14.6	22.0	
108	12.4	9.9	14.9	





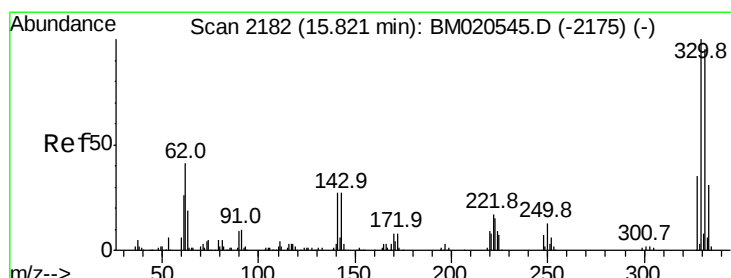
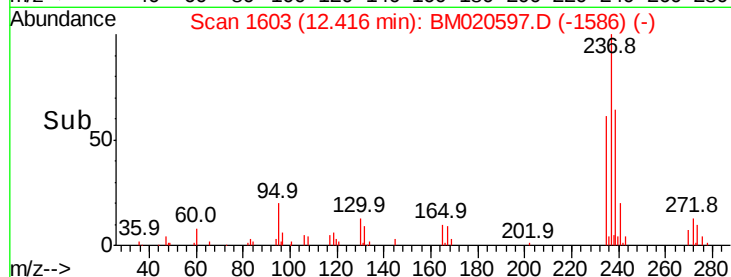
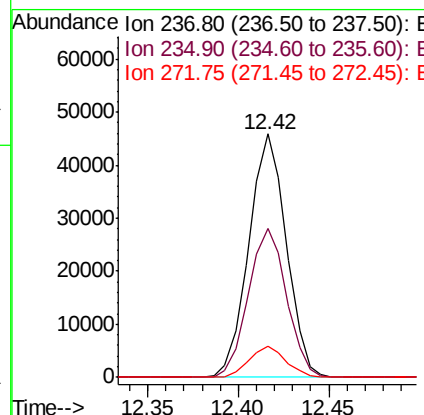
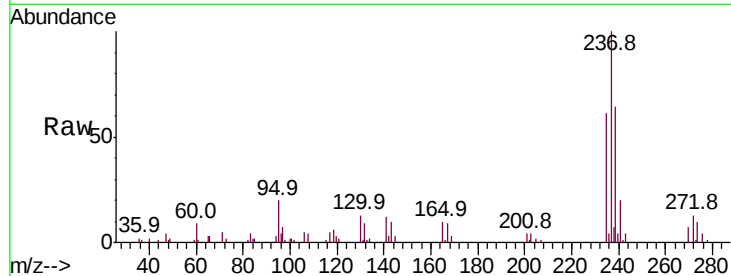
#41
 Hexachlorocyclopentadiene
 Concen: 35.353 ng
 RT: 12.42 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:	237	Resp:	65853
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.4	81.4
272	12.9	0.0	32.9

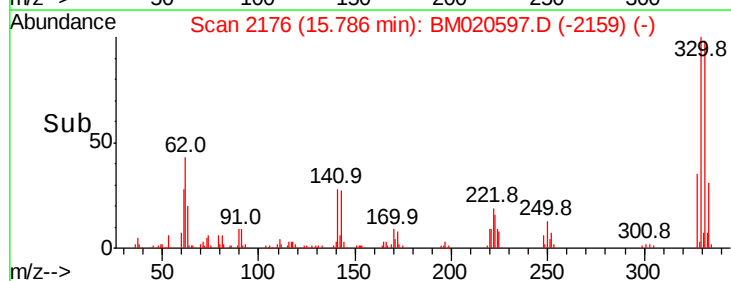
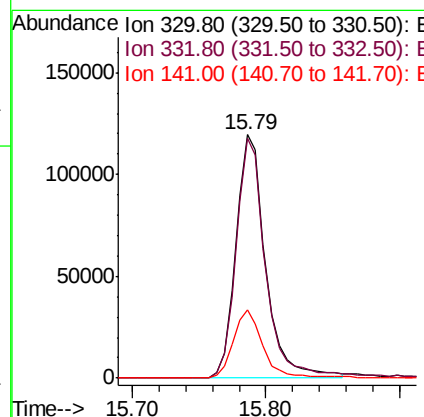
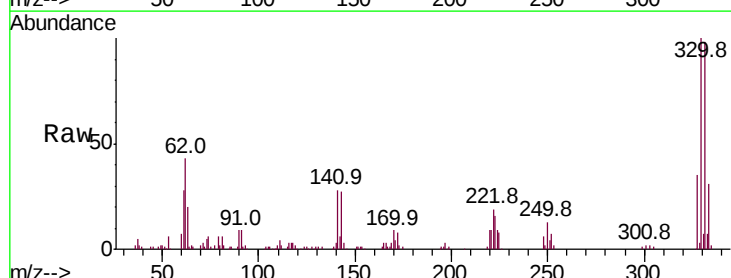
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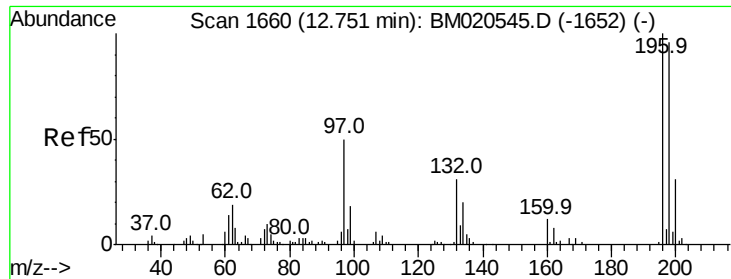
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#42
 2,4,6-Tribromophenol
 Concen: 87.264 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion:	330	Resp:	185184
Ion Ratio	Lower	Upper	
330	100		
332	98.1	78.2	117.2
141	28.2	22.3	33.5





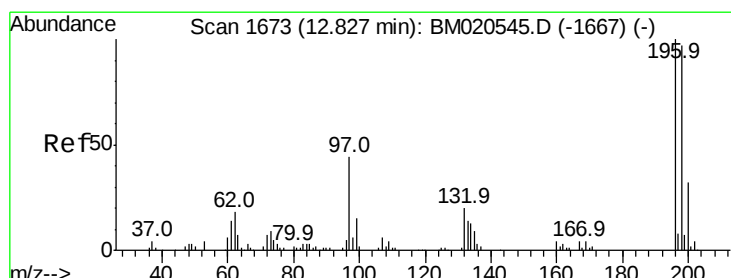
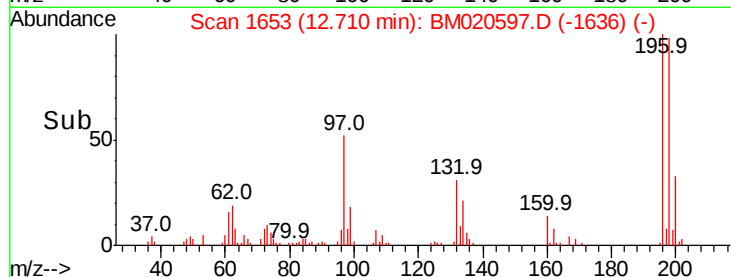
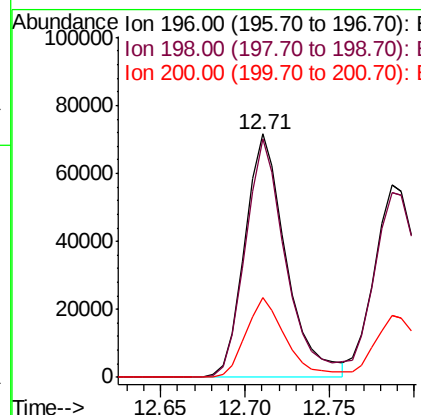
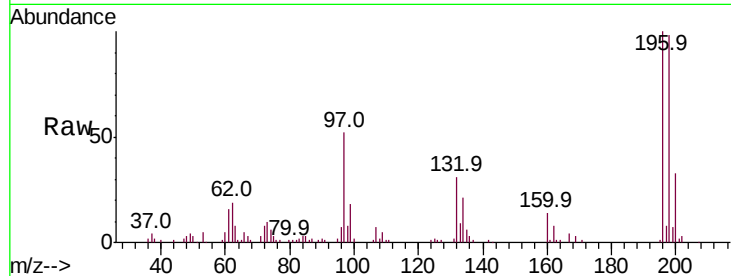
#43
 2,4,6-Trichlorophenol
 Concen: 44.265 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	121973		
198	97.9	78.3	117.5	
200	33.0	26.4	39.6	

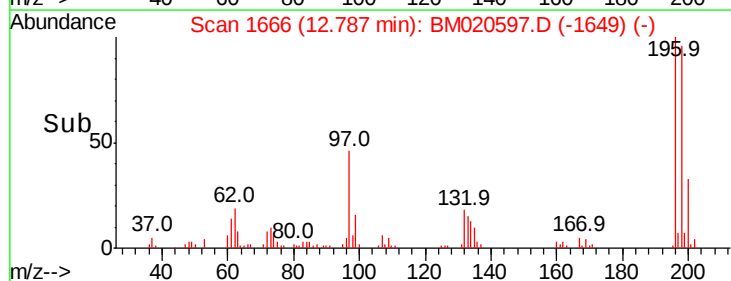
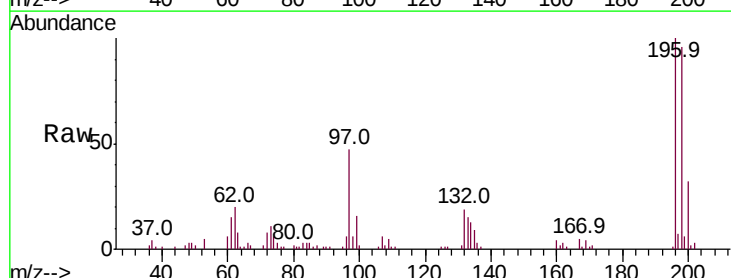
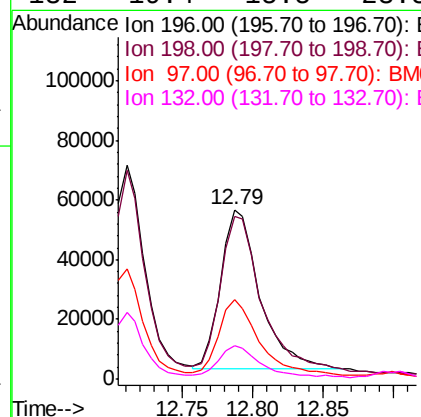
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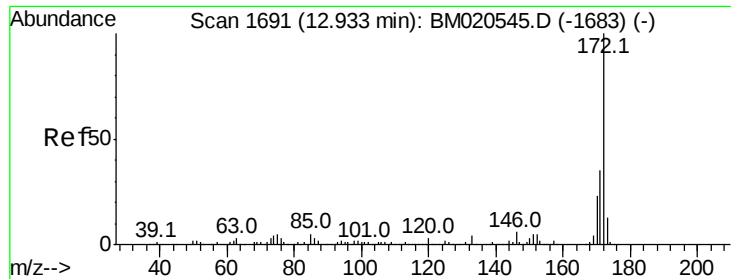
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#44
 2,4,5-Trichlorophenol
 Concen: 40.595 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104457		
198	96.0	76.8	115.2	
97	46.7	37.4	56.0	
132	19.4	15.5	23.3	





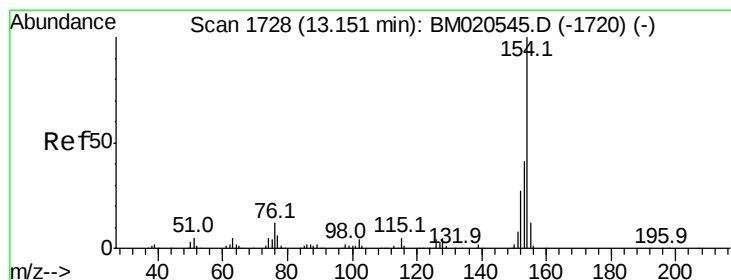
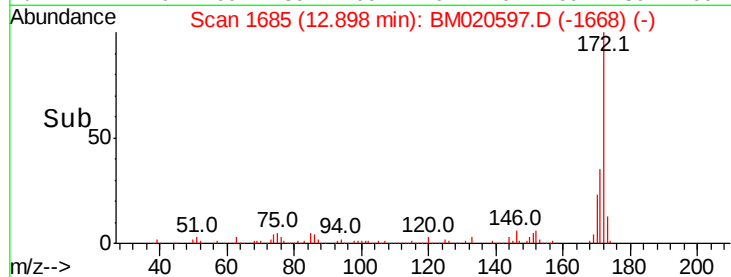
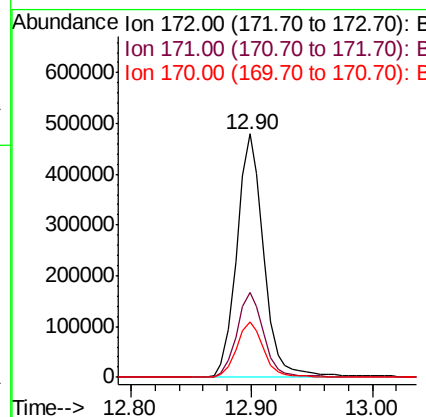
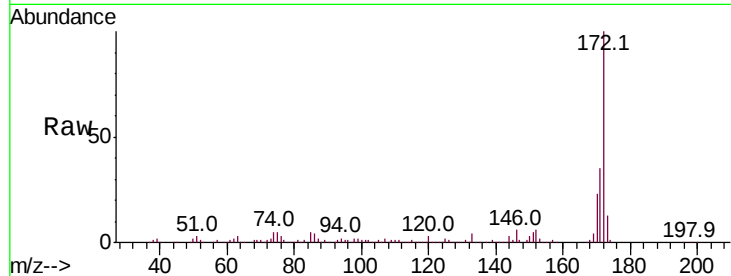
#45
2-Fluorobiphenyl
Concen: 88.326 ng
RT: 12.90 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.0	18.4	27.6

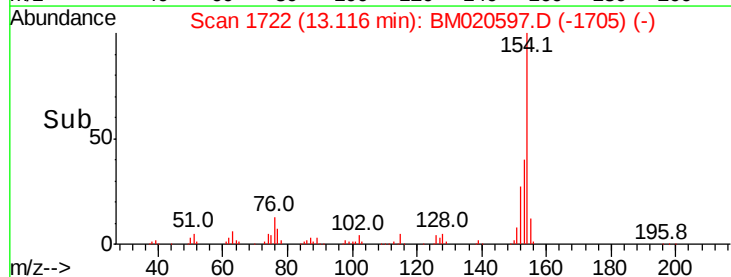
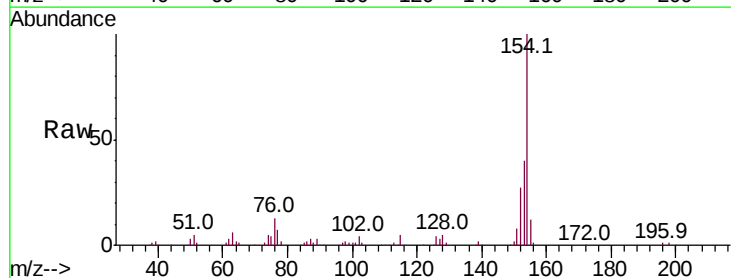
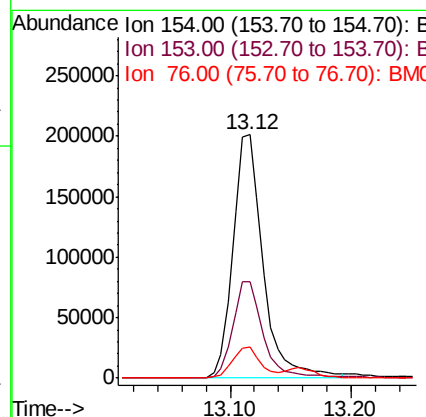
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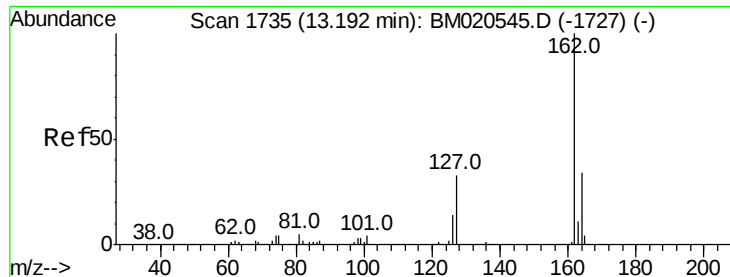
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#46
1,1'-Biphenyl
Concen: 42.848 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.8	59.8
76	12.8	0.0	32.8





#47

2-Chloronaphthalene

Concen: 43.189 ng

RT: 13.16 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

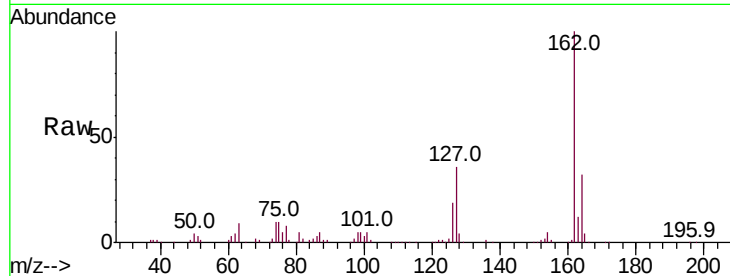
ClientSampleId :

SSTDCCC040

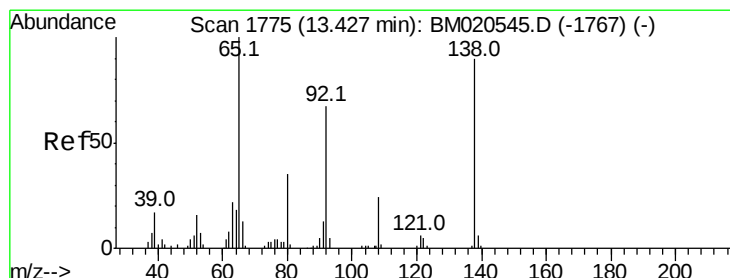
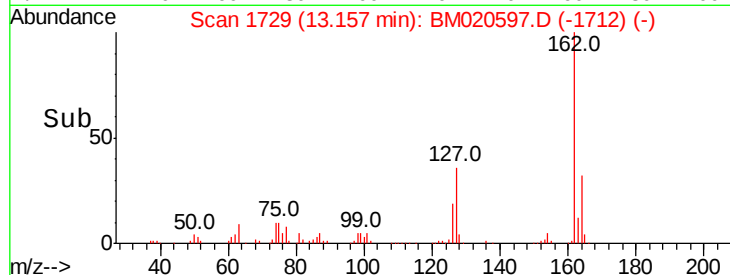
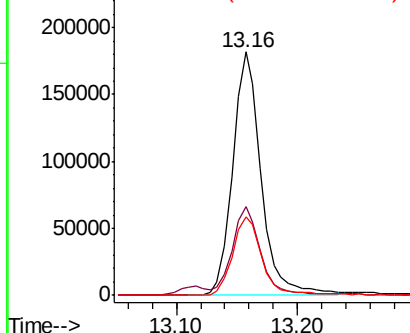
Tot Ion:	162	Resp:	298668
Ion Ratio	Lower	Upper	
162	100		
127	36.4	29.1	43.7
164	32.3	25.8	38.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.342 ng

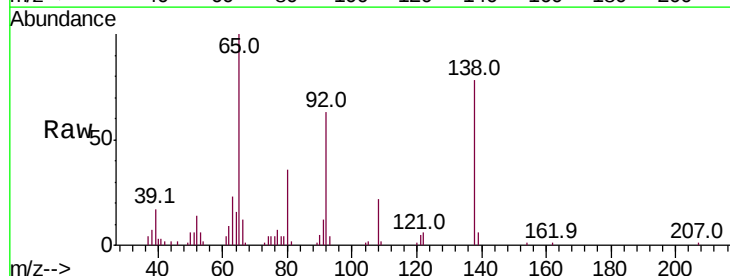
RT: 13.39 min Scan# 1769

Delta R.T. 0.00 min

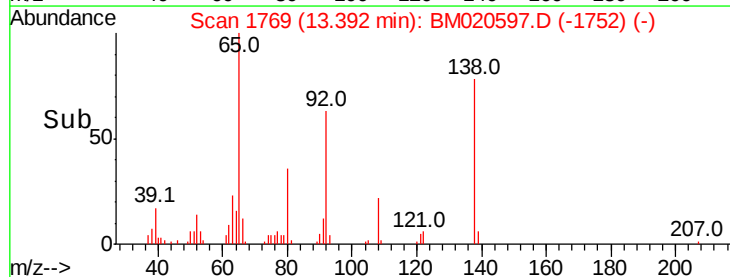
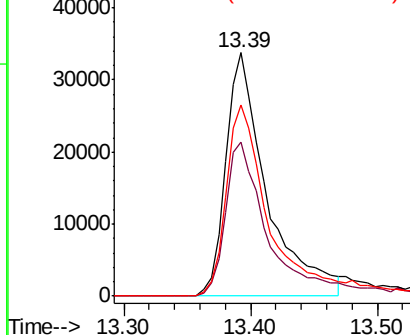
Lab File: BM020597.D

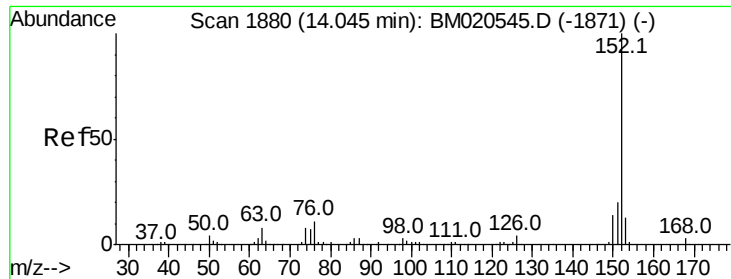
Acq: 29 May 2019 13:43

Tgt Ion:	65	Resp:	75529
Ion Ratio	Lower	Upper	
65	100		
92	63.1	50.5	75.7
138	78.4	62.7	94.1



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.358 ng

RT: 14.01 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

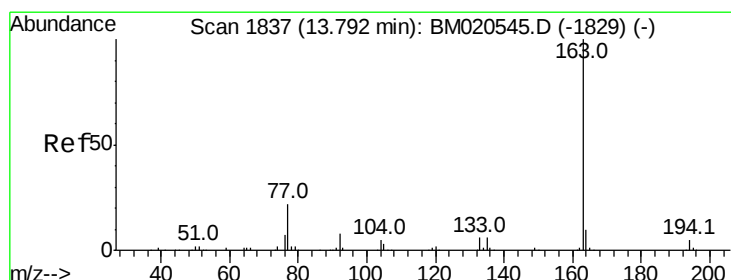
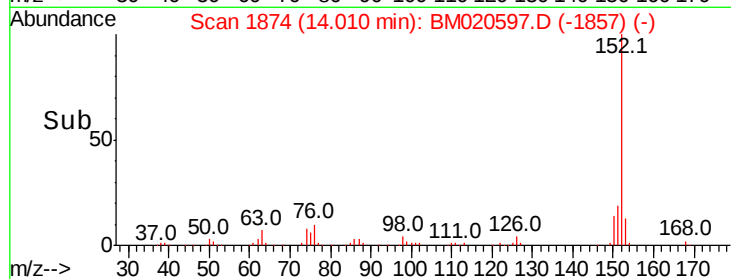
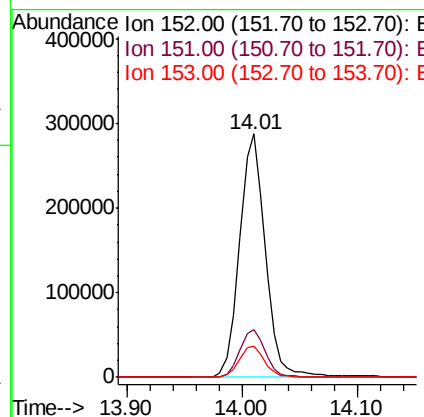
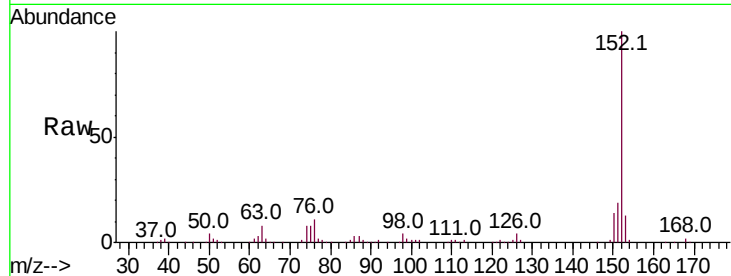
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	445469
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.528 ng

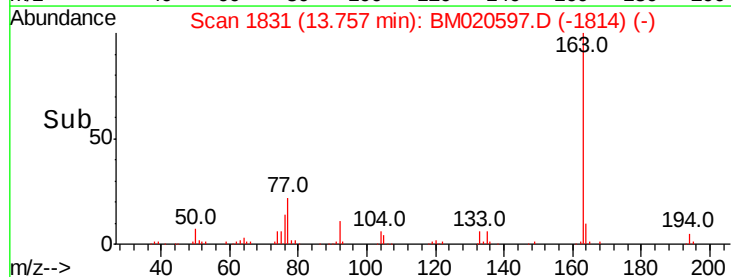
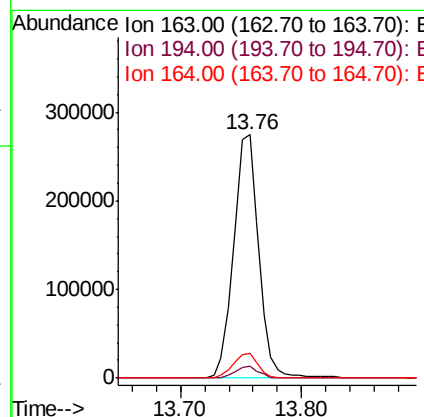
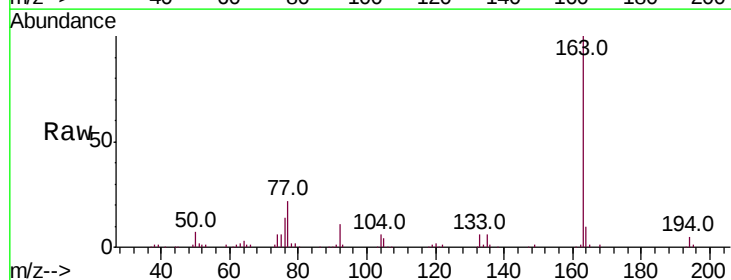
RT: 13.76 min Scan# 1831

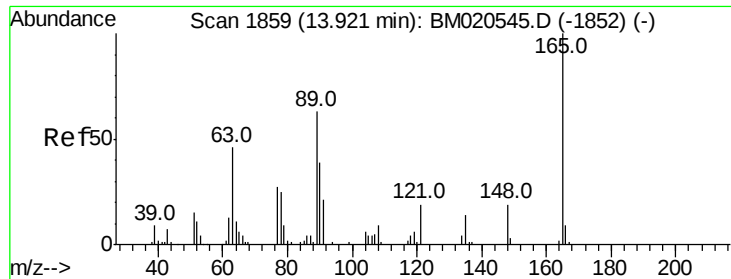
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	163	Resp:	398997
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.0	6.0
164	10.4	8.3	12.5





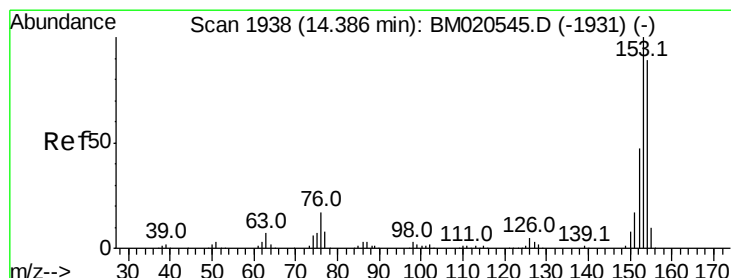
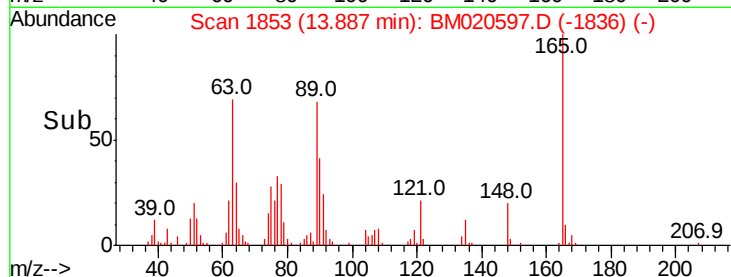
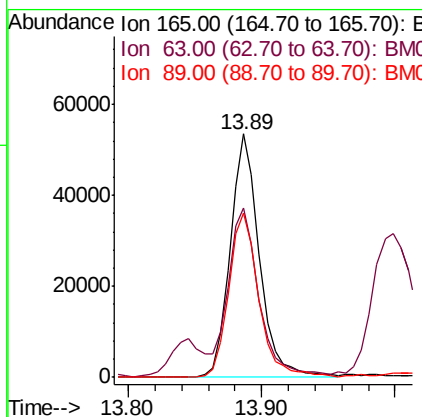
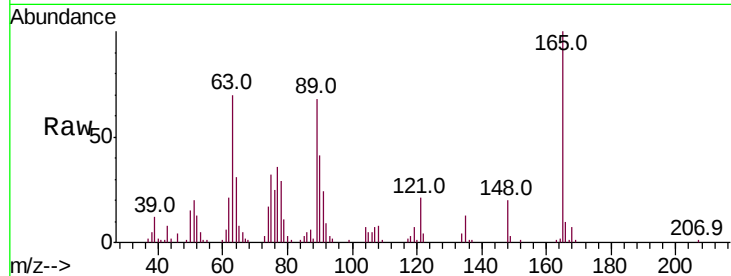
#51
 2,6-Dinitrotoluene
 Concen: 41.769 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.8	55.8	83.8
89	67.6	54.1	81.1

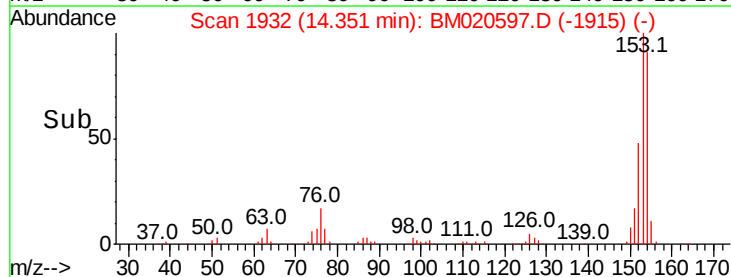
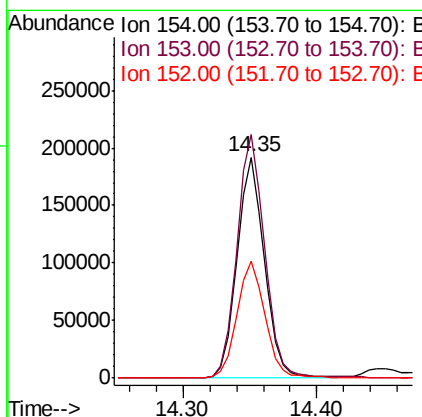
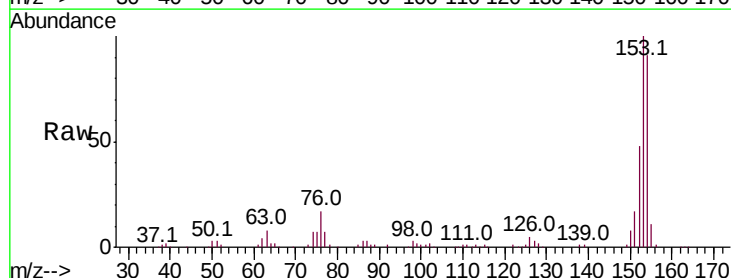
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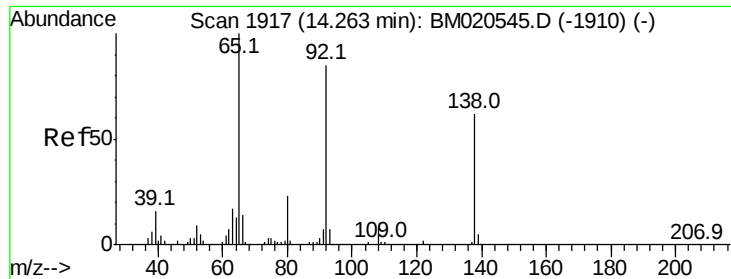
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#52
 Acenaphthene
 Concen: 43.051 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.2	132.4
152	53.2	42.6	63.8





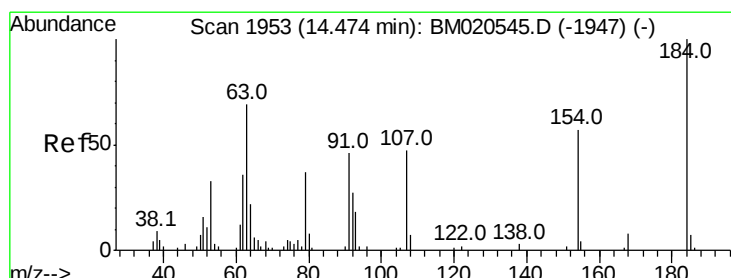
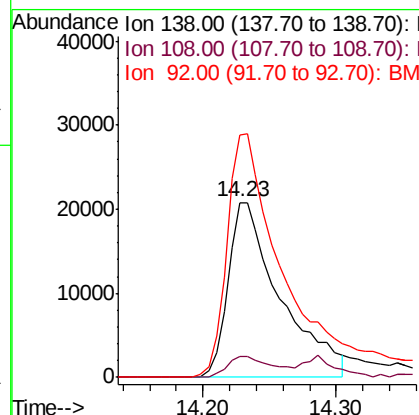
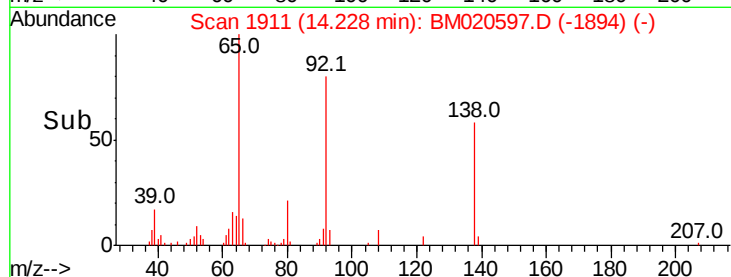
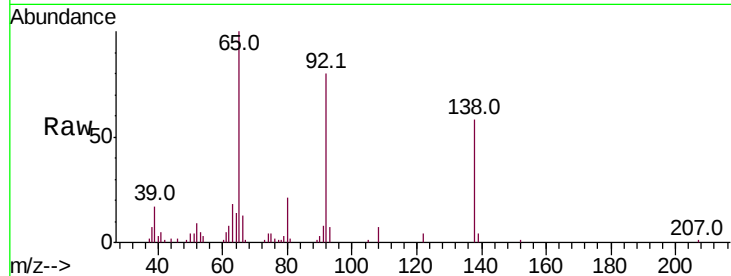
#53
3-Nitroaniline
Concen: 34.239 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 56504
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 139.1 111.3 166.9

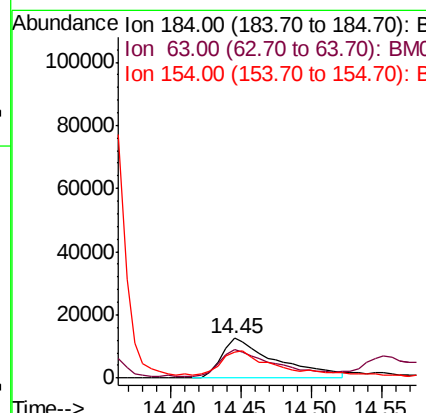
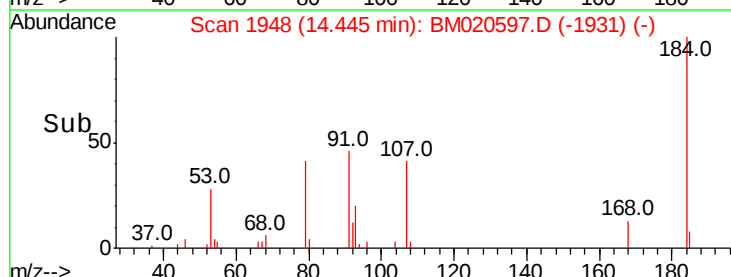
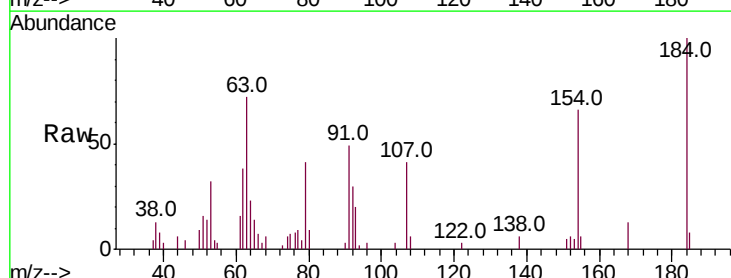
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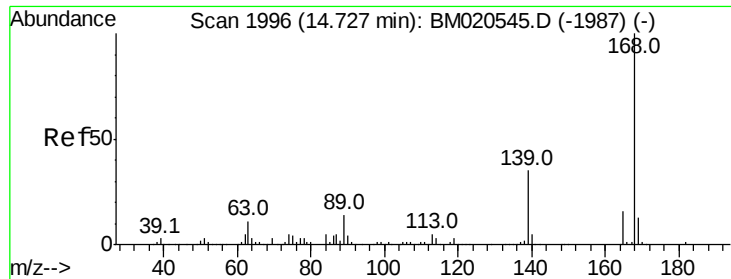
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#54
2,4-Dinitrophenol
Concen: 33.578 ng
RT: 14.45 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion:184 Resp: 33412
Ion Ratio Lower Upper
184 100
63 71.9 57.5 86.3
154 66.5 53.2 79.8





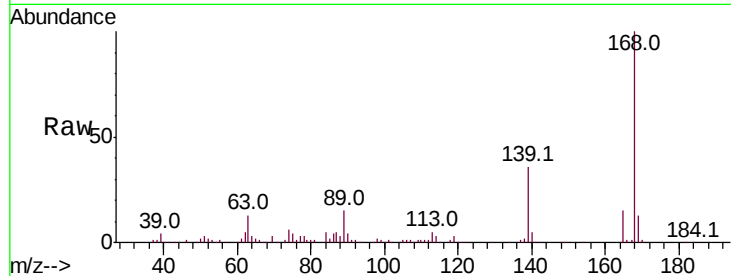
#55
Dibenzenofuran
Concen: 42.783 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

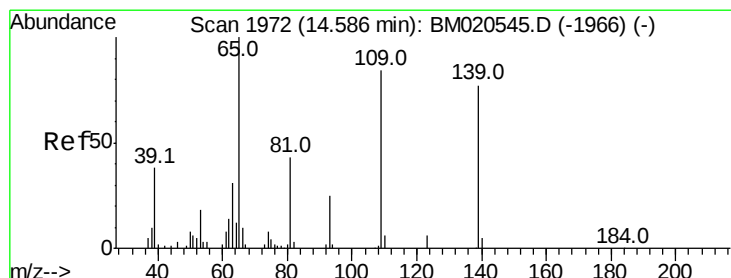
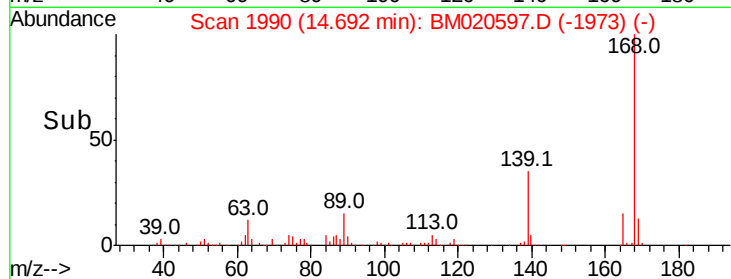
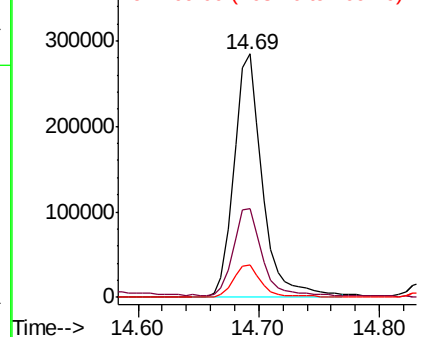
Tot Ion	Ratio	Resp	Lower	Upper
168	100	469196		
139	36.3	29.0	43.6	
169	13.3	10.6	16.0	

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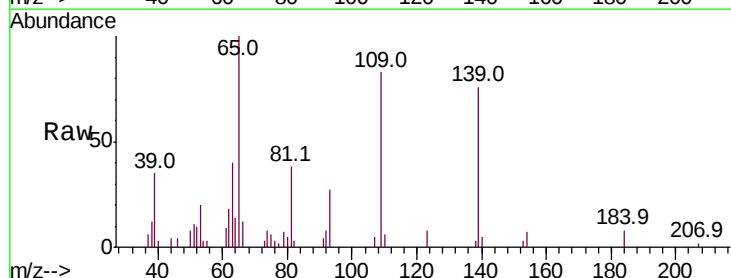


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

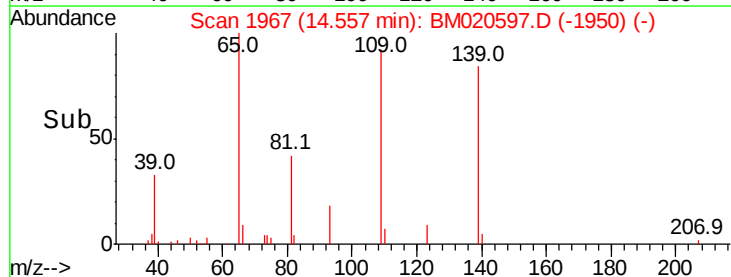
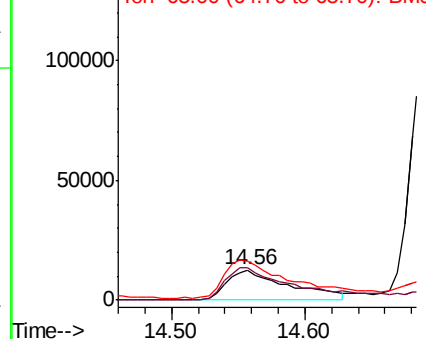


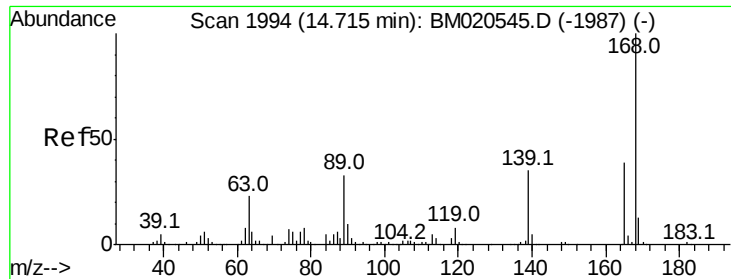
#56
4-Nitrophenol
Concen: 36.535 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	40141		
109	109.2	89.2	129.2	
65	131.3	111.3	151.3	



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





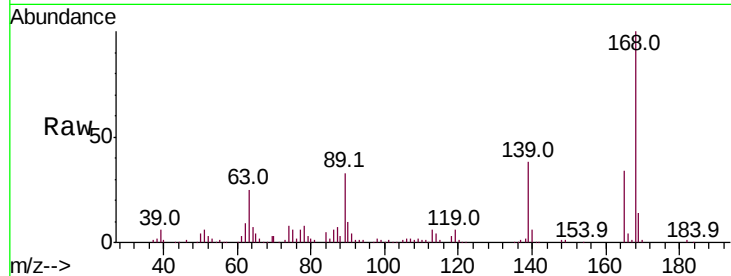
#57
 2,4-Dinitrotoluene
 Concen: 38.742 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

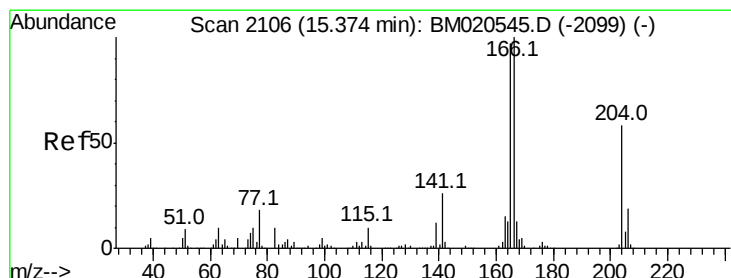
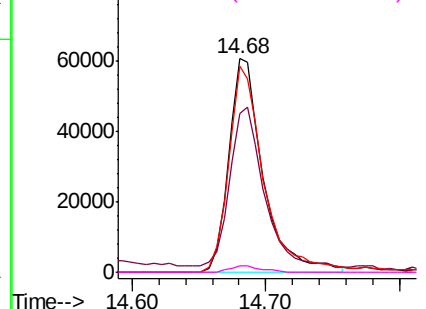
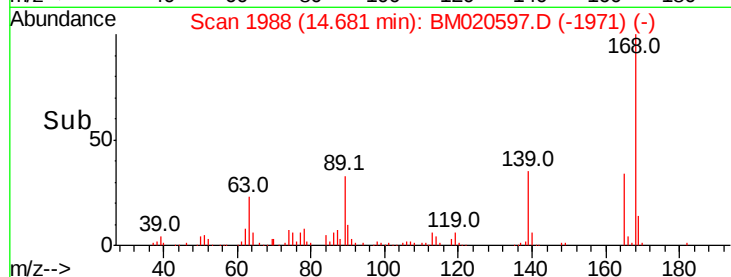
Tot Ion	Ratio	Resp	Lower	Upper
165	100	109400		
63	74.3	59.4	89.2	
89	96.7	77.4	116.0	
182	2.9	2.3	3.5	

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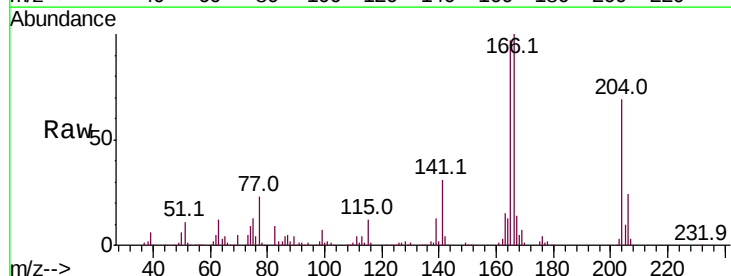


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

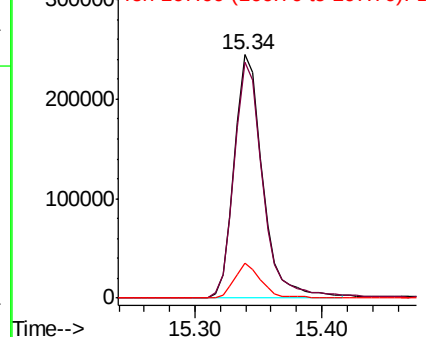
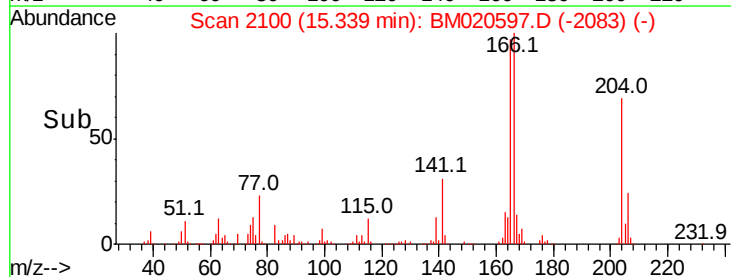


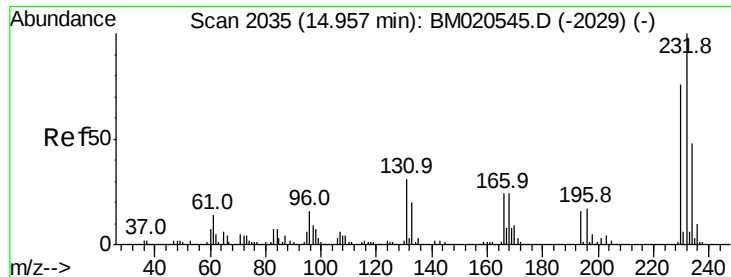
#58
 Fluorene
 Concen: 41.897 ng
 RT: 15.34 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	381679		
165	97.0	77.6	116.4	
167	14.2	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





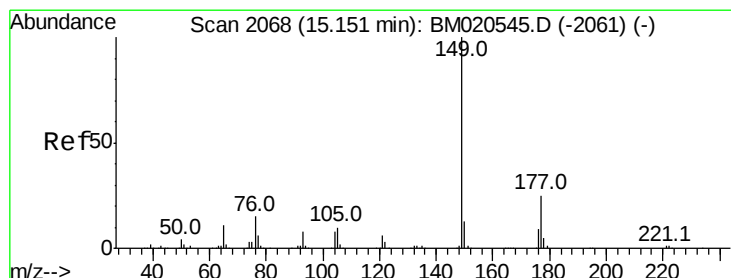
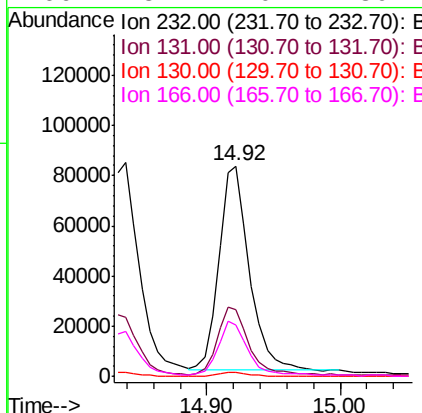
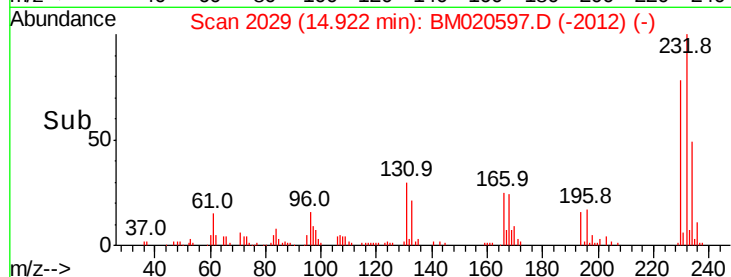
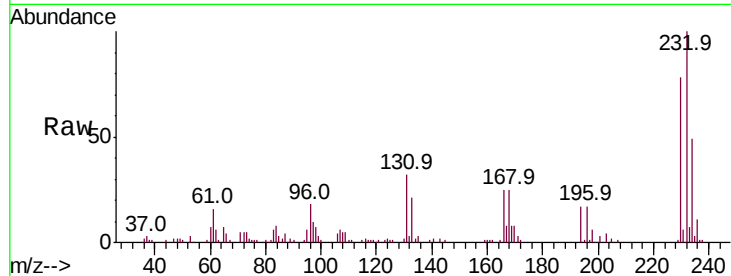
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.545 ng
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	130380		
131	33.1	26.5	39.7	
130	2.0	1.6	2.4	
166	25.1	20.1	30.1	

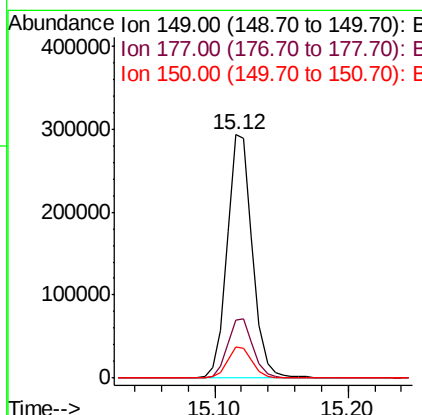
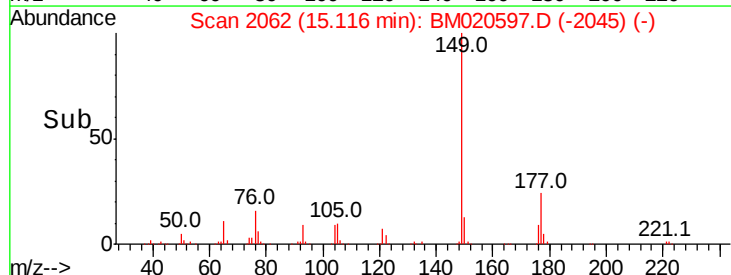
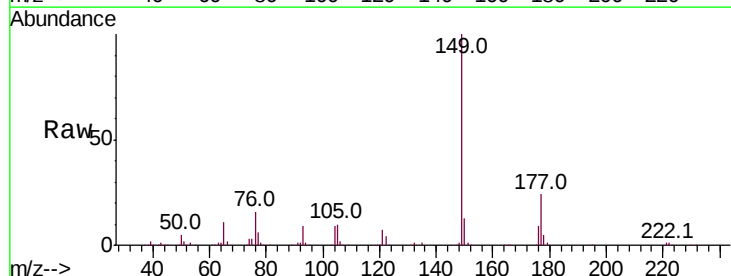
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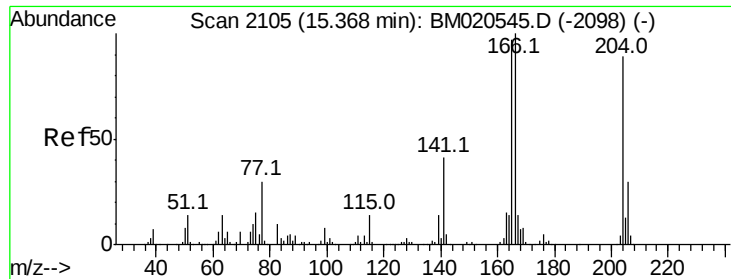
mohammad
 5/30/2019 8:15:55 AM



#60
 Diethylphthalate
 Concen: 42.055 ng
 RT: 15.12 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	388751		
177	23.6	18.9	28.3	
150	12.6	10.1	15.1	





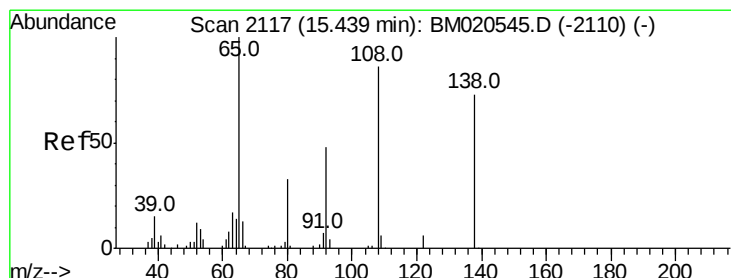
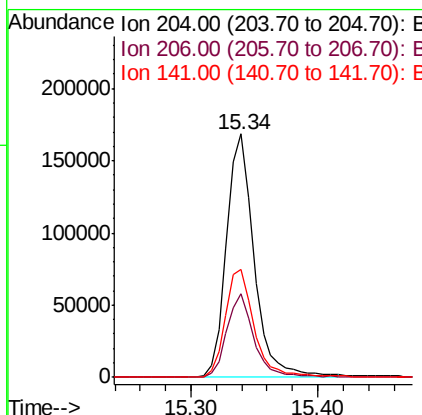
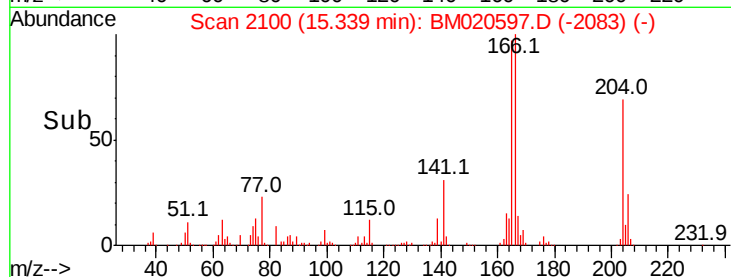
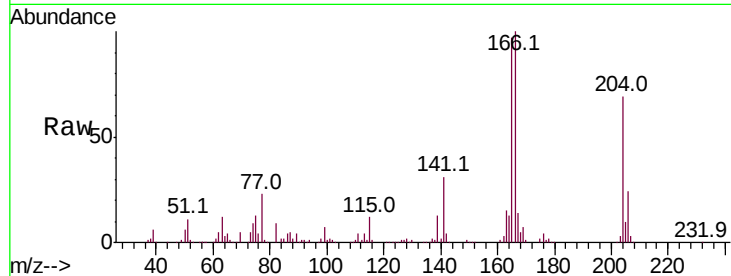
#61
4-Chlorophenyl-phenylether
Concen: 43.792 ng
RT: 15.34 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.3	40.9
141	44.5	35.6	53.4

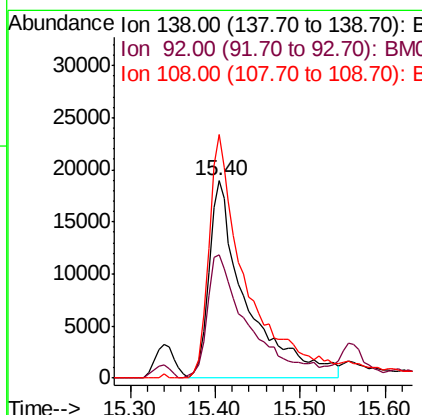
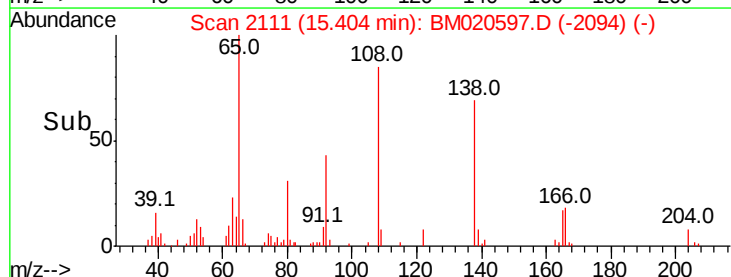
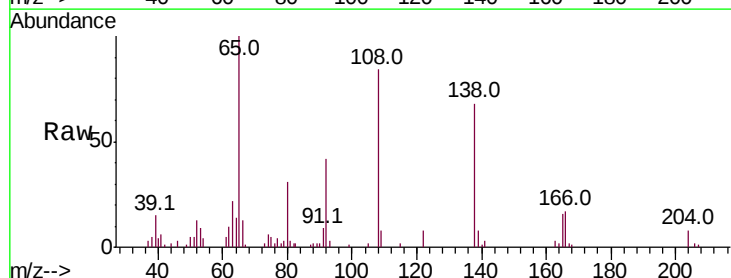
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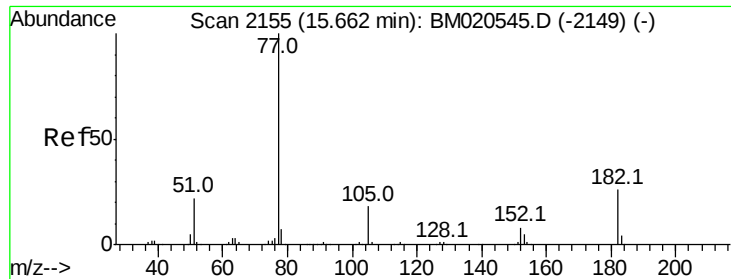
mohammad
5/30/2019 8:15:55 AM



#62
4-Nitroaniline
Concen: 35.413 ng m
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.4	42.4	82.4
108	123.6	103.6	143.6





#63

Azobenzene

Concen: 43.518 ng

RT: 15.63 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

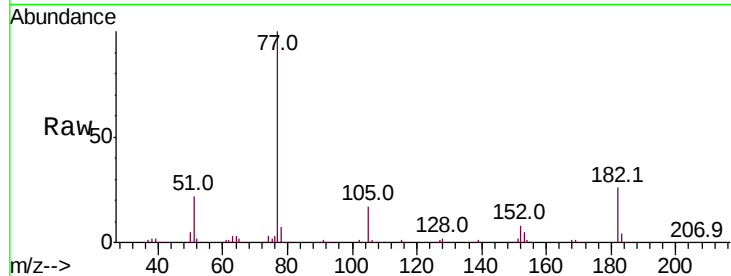
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	6.5	46.5	
105	16.7	0.0	36.7	
51	22.1	2.1	42.1	

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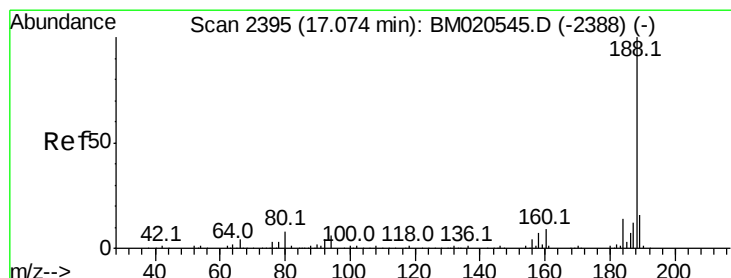
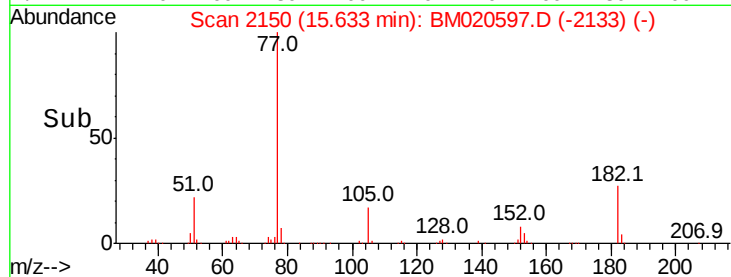
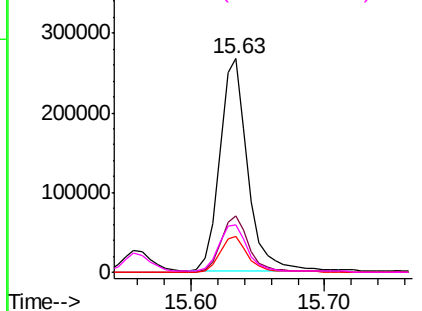


Abundance Ion 77.00 (76.70 to 77.70): BM020545.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020545.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020545.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020545.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM020597.D

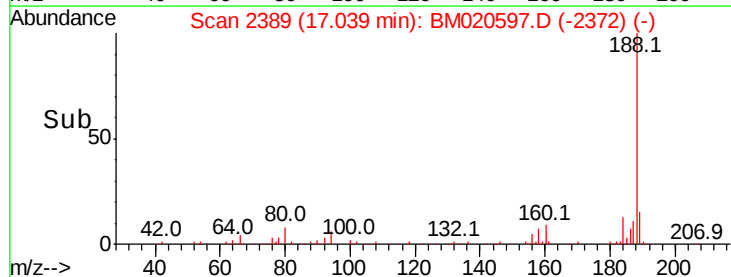
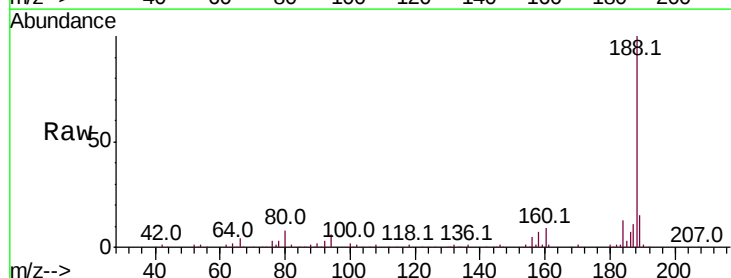
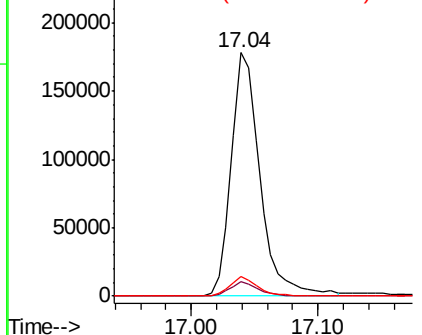
Acq: 29 May 2019 13:43

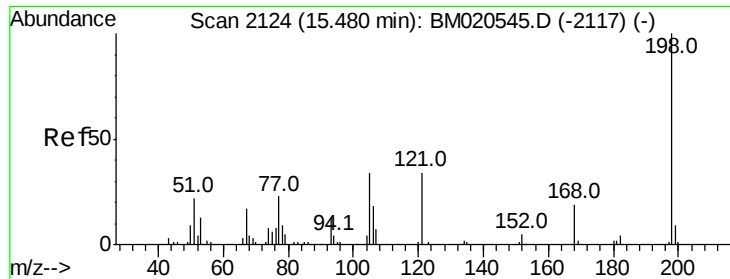
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	4.6	7.0	
80	7.8	6.2	9.4	

Abundance Ion 188.00 (187.70 to 188.70): BM020545.D (-2388) (-)

Ion 94.00 (93.70 to 94.70): BM020545.D (-2388) (-)

Ion 80.00 (79.70 to 80.70): BM020545.D (-2388) (-)





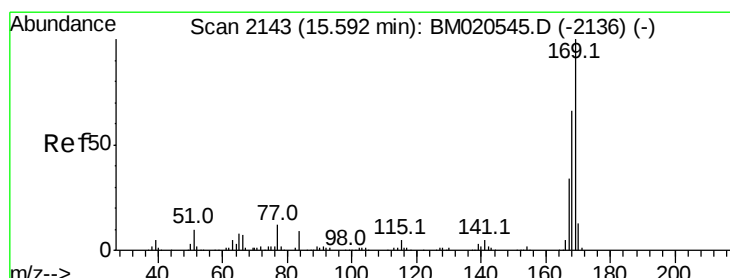
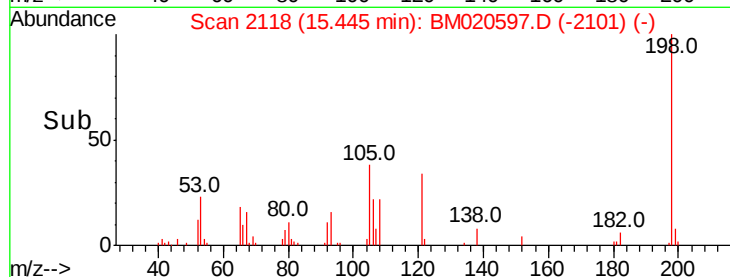
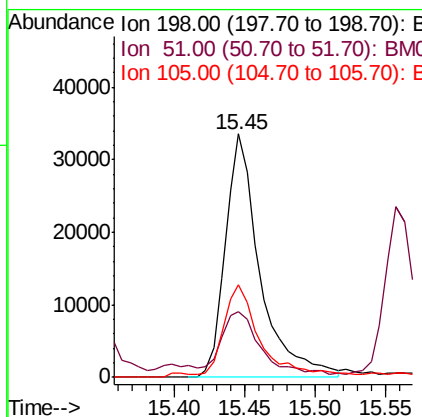
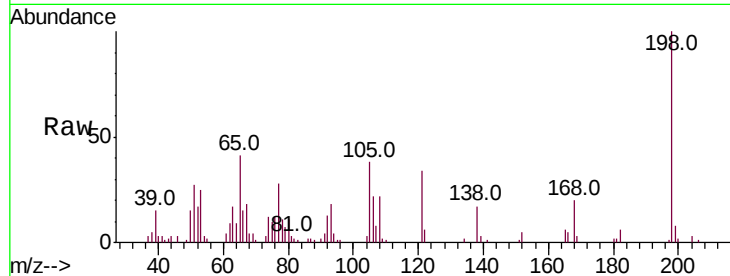
#65
4,6-Dinitro-2-methylphenol
Concen: 34.423 ng
RT: 15.45 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	57376		
51	27.1		7.1	47.1
105	38.0		18.0	58.0

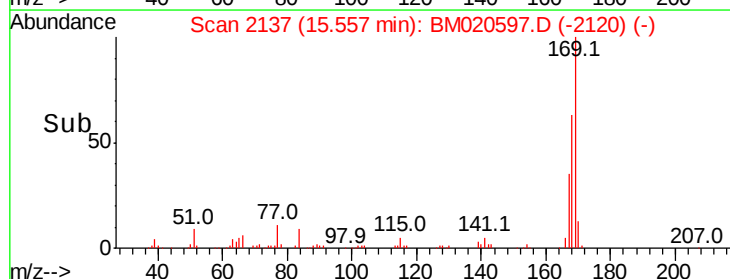
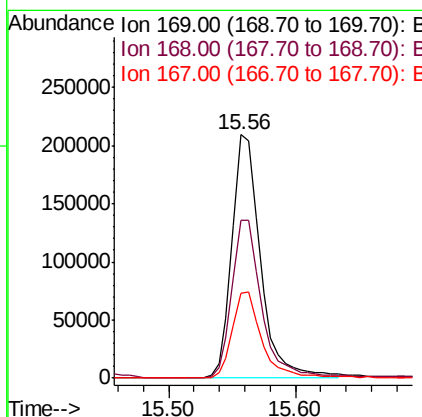
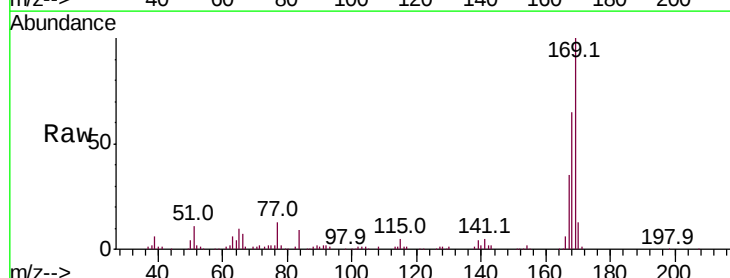
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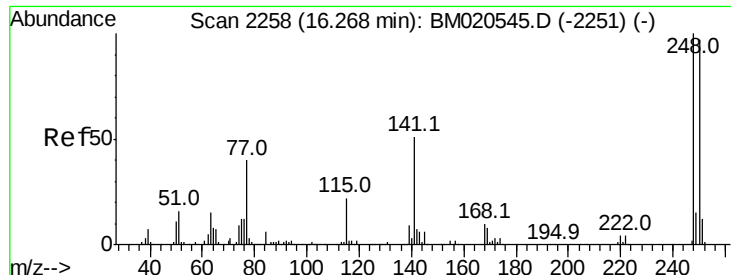
mohammad
5/30/2019 8:15:55 AM



#66
n-Nitrosodiphenylamine
Concen: 43.072 ng
RT: 15.56 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	326885		
168	64.9		51.9	77.9
167	35.0		28.0	42.0





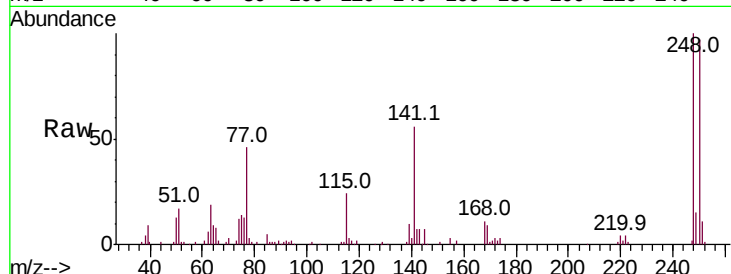
#67
 4-Bromophenyl-phenylether
 Concen: 44.505 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.2
141	56.2	45.0	67.4

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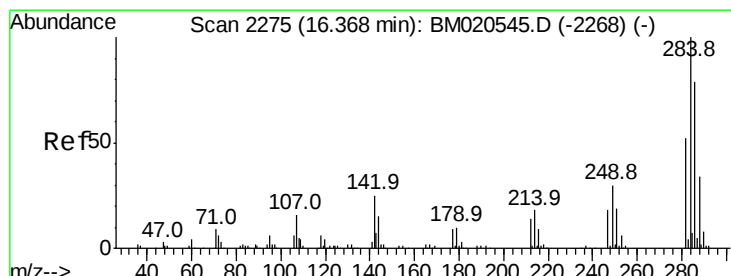
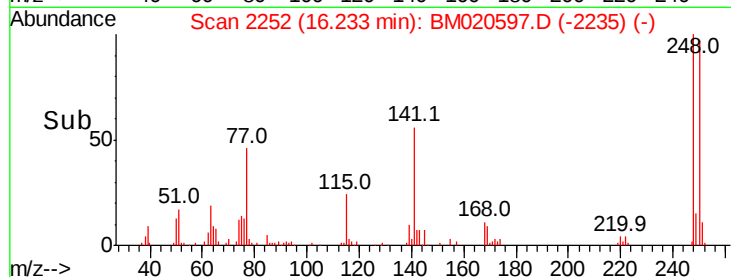
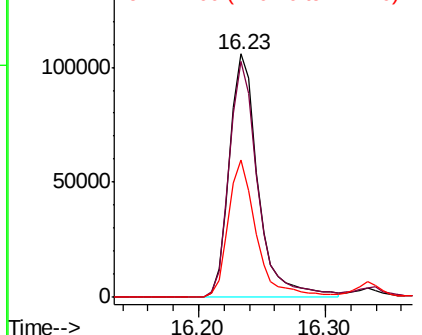


Abundance

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: 46.382 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

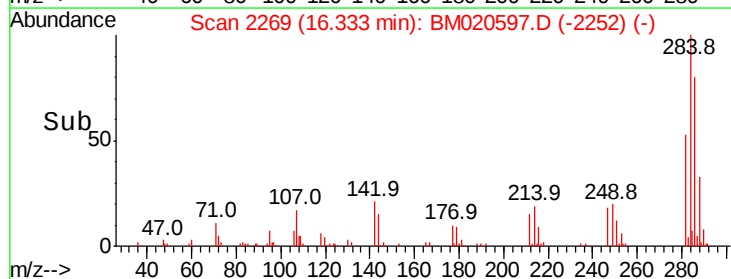
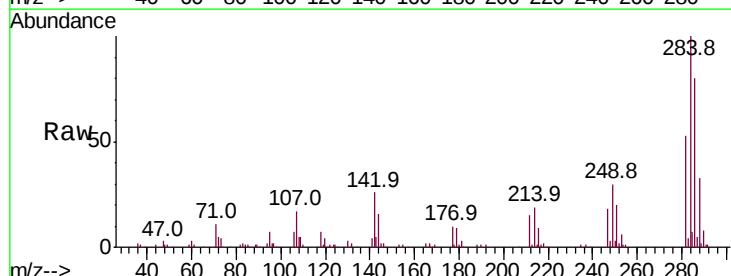
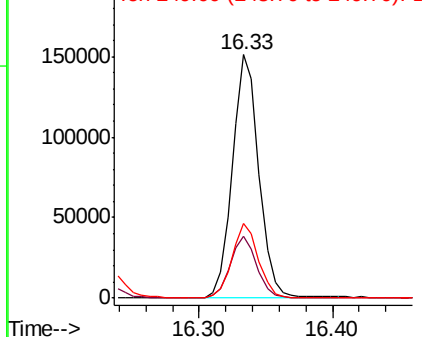
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	20.5	30.7
249	30.5	24.4	36.6

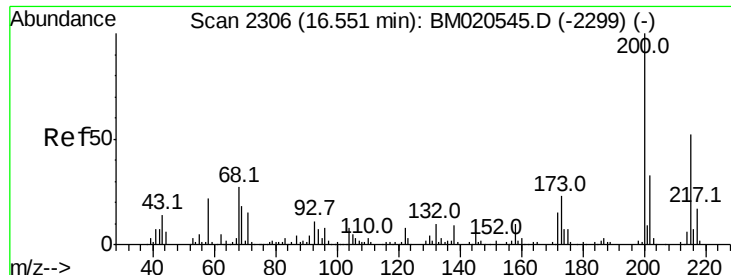
Abundance

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





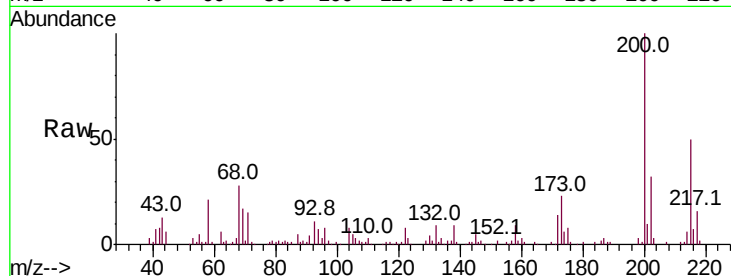
#69
 Atrazine
 Concen: 39.390 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.8	2.8	42.8
215	50.0	30.0	70.0

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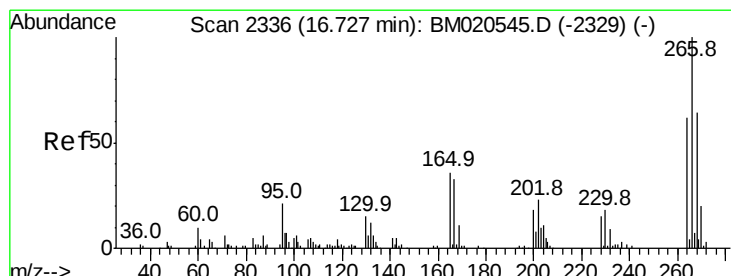
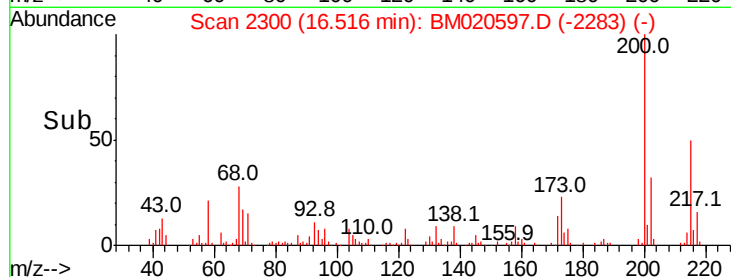
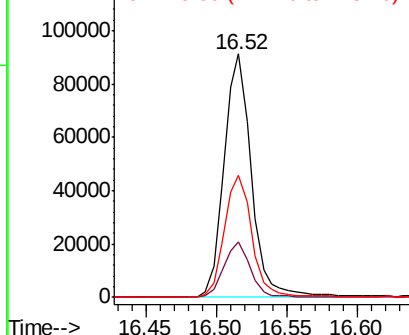


Abundance

Ion 200.00 (199.70 to 200.70): E

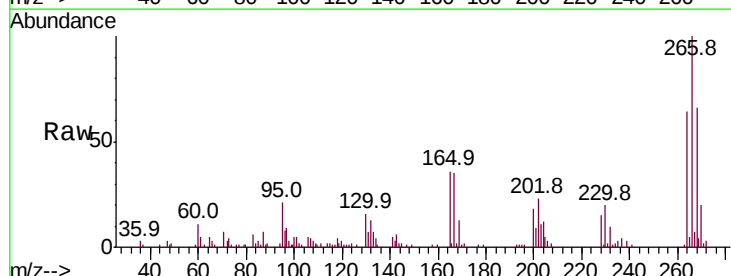
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 44.040 ng
 RT: 16.69 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.3	53.0	79.6
264	64.3	51.4	77.2

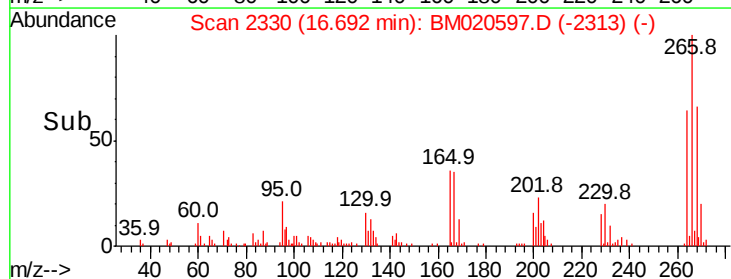
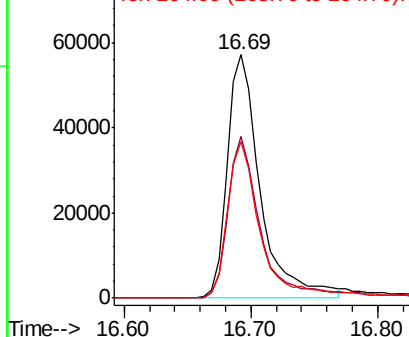


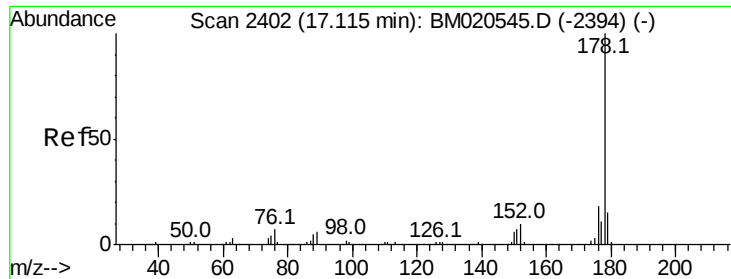
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.670 ng

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 648822

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

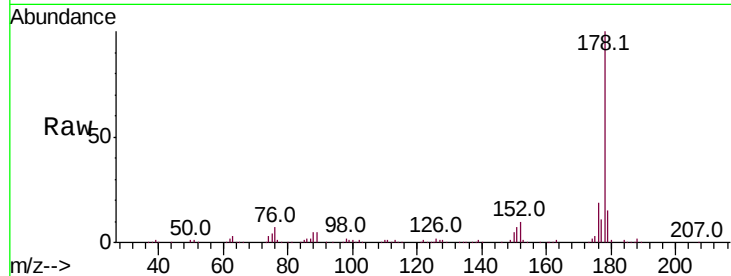
179 15.1 12.1 18.1

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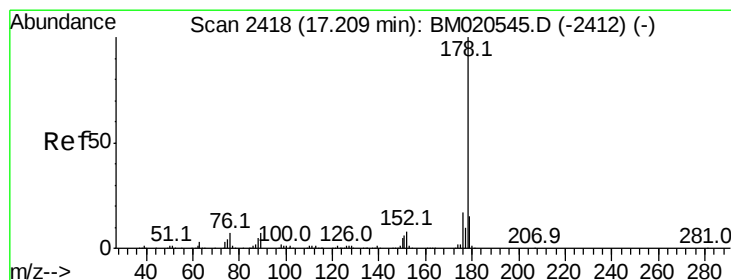
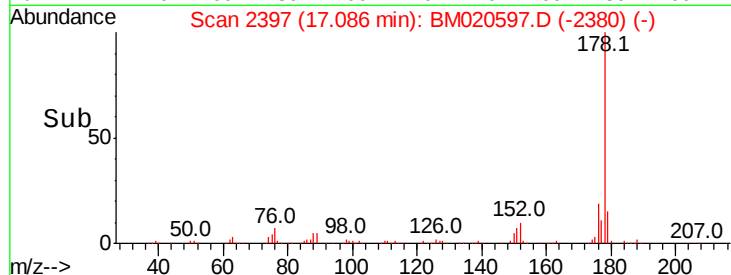
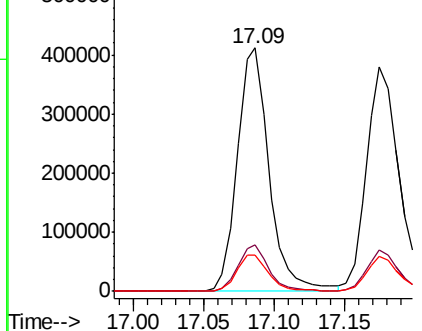
5/30/2019 8:15:55 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.364 ng

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

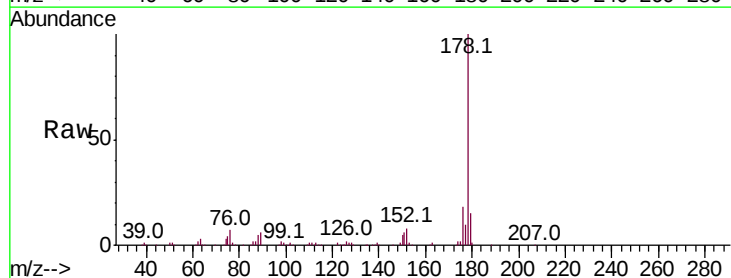
Tgt Ion:178 Resp: 595212

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

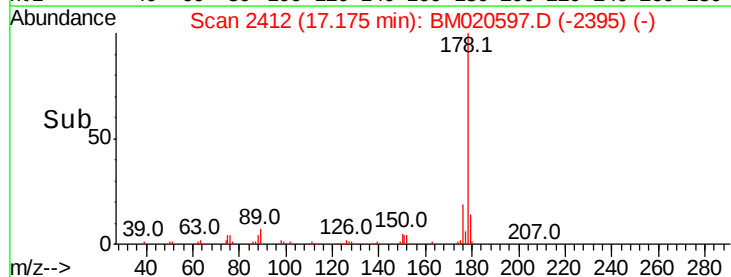
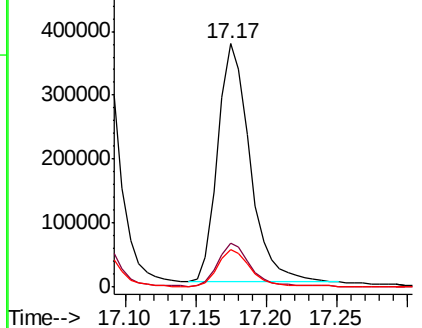
179 15.3 12.2 18.4

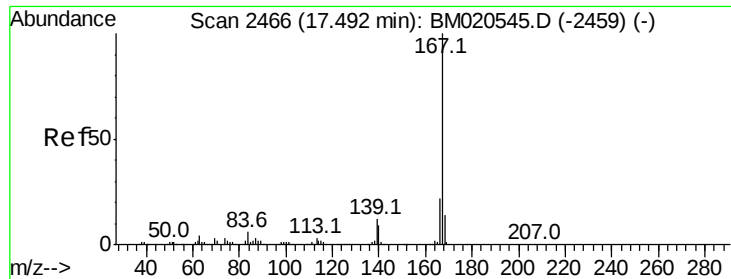


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





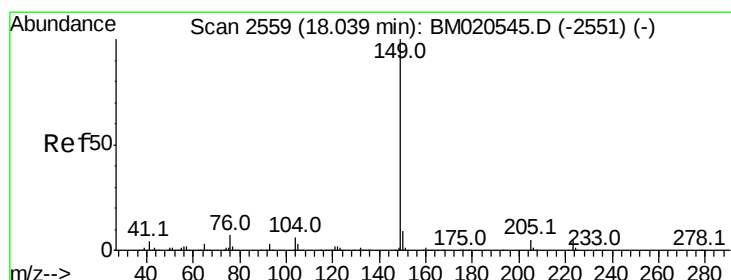
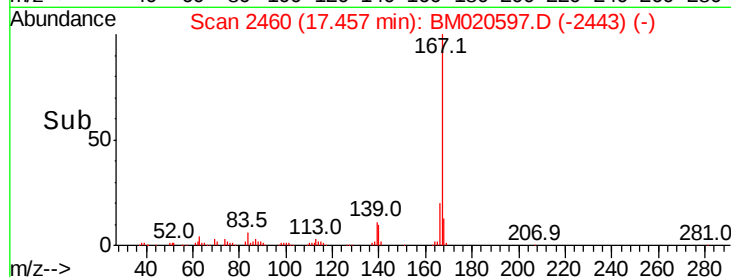
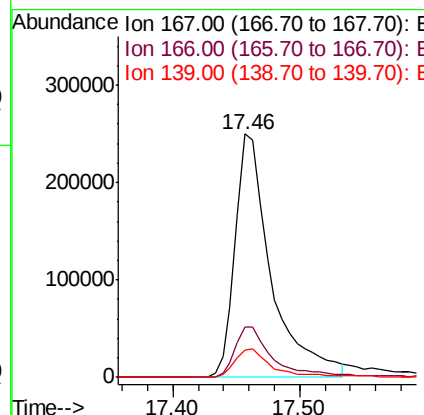
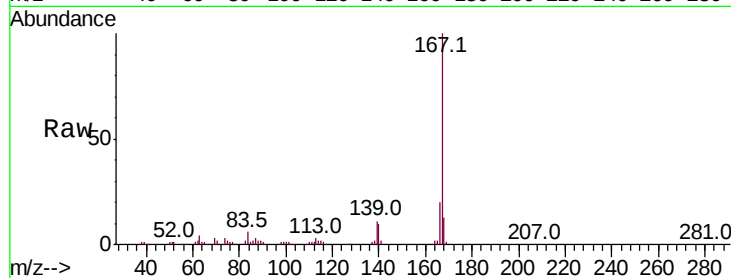
#73
 Carbazole
 Concen: 38.951 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100	492923		
166	20.5		16.4	24.6
139	11.4		9.1	13.7

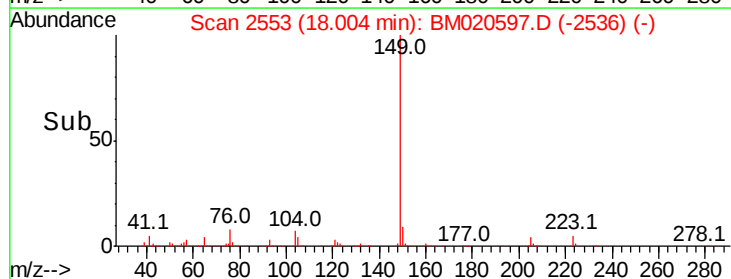
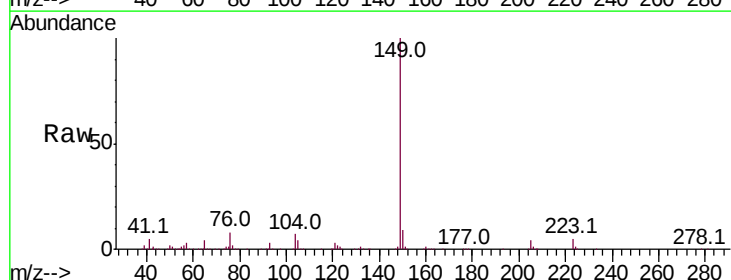
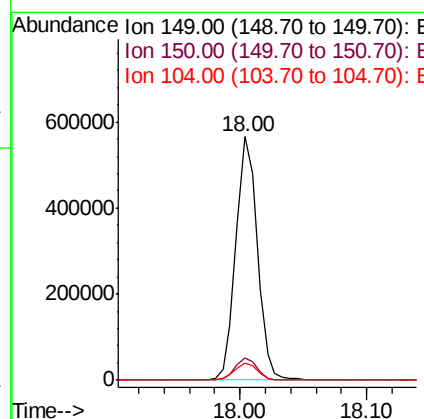
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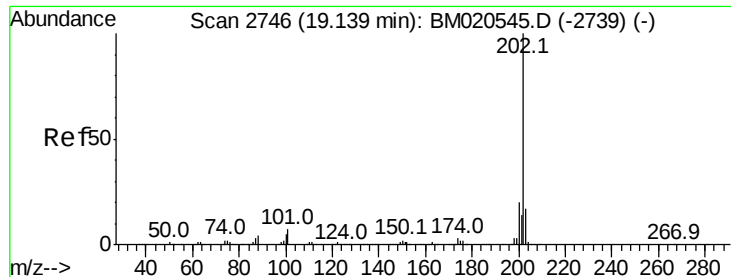
mohammad
 5/30/2019 8:15:55 AM



#74
 Di-n-butylphthalate
 Concen: 42.530 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	662068		
150	9.0		7.2	10.8
104	6.9		5.5	8.3





#75

Fluoranthene

Concen: 41.551 ng

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

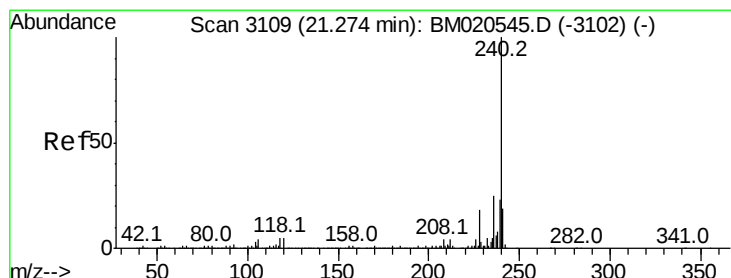
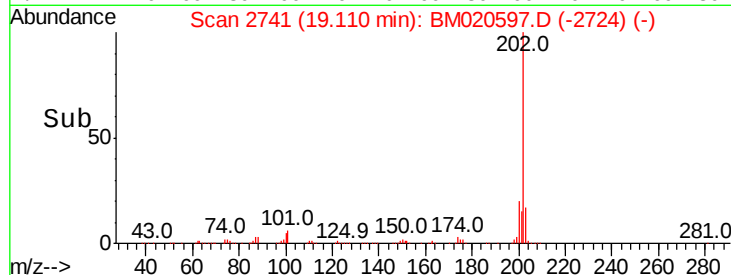
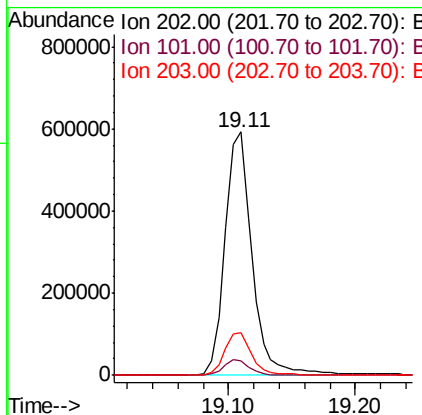
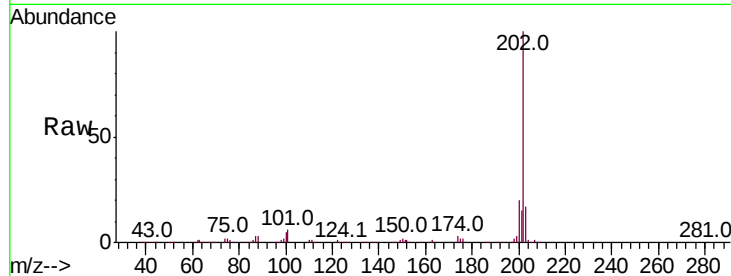
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	878588
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	26.0
203	17.3	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

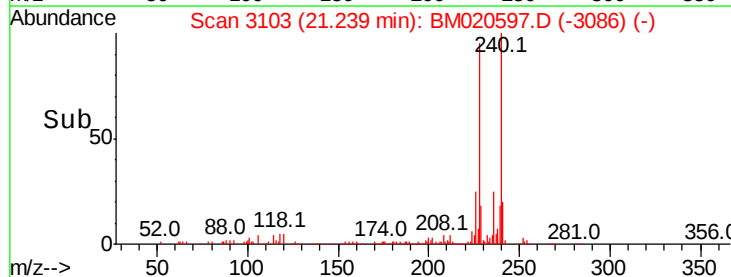
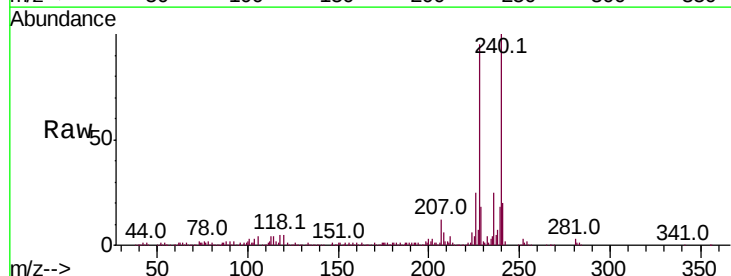
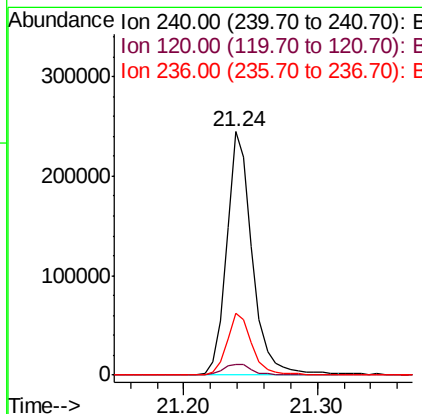
RT: 21.24 min Scan# 3103

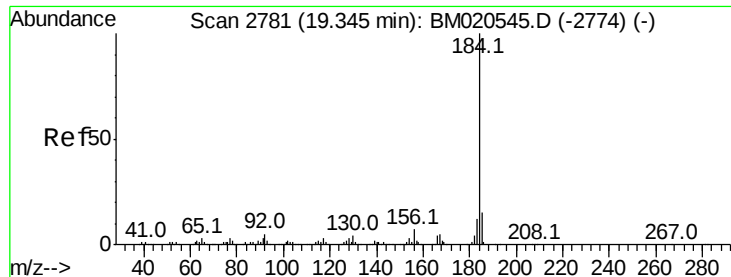
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	240	Resp:	329789
Ion Ratio	Lower	Upper	
240	100		
120	4.6	3.7	5.5
236	25.2	20.2	30.2





#77

Benzidine

Concen: 35.283 ng/mL

RT: 19.32 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 213839

Ion Ratio Lower Upper

184 100

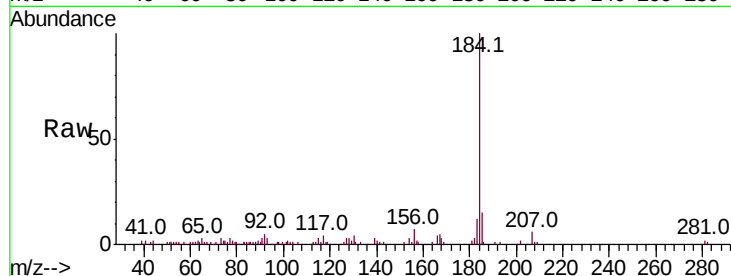
185 14.7 11.8 17.6

183 12.2 9.8 14.6

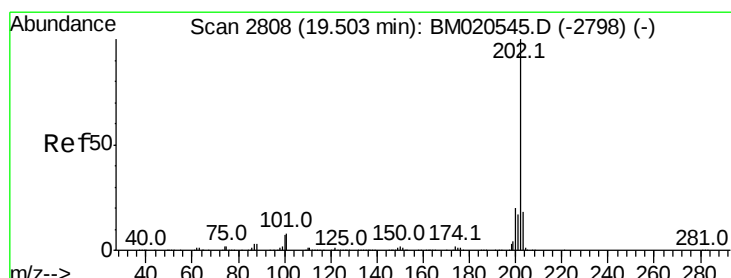
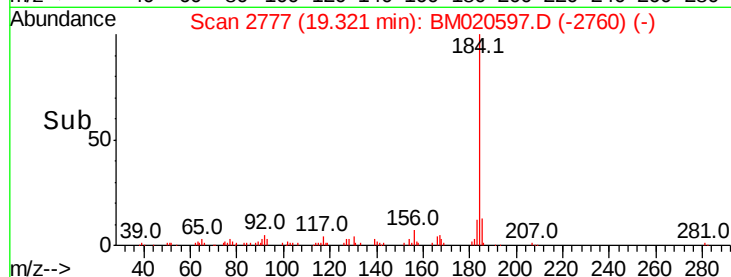
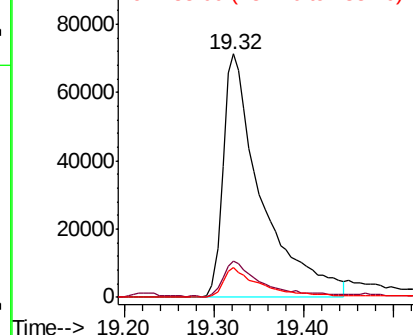
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.660 ng/mL

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

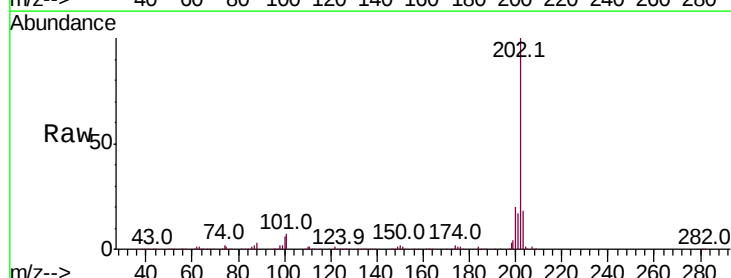
Tgt Ion:202 Resp: 903943

Ion Ratio Lower Upper

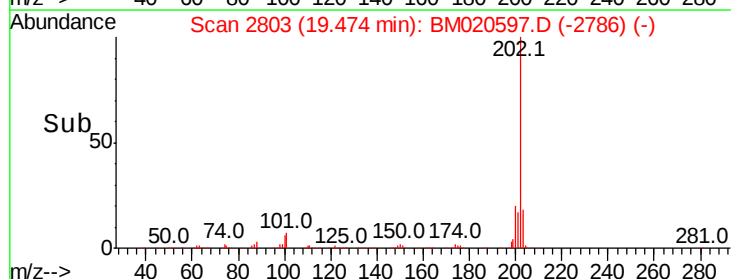
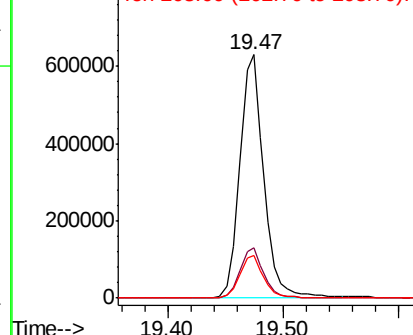
202 100

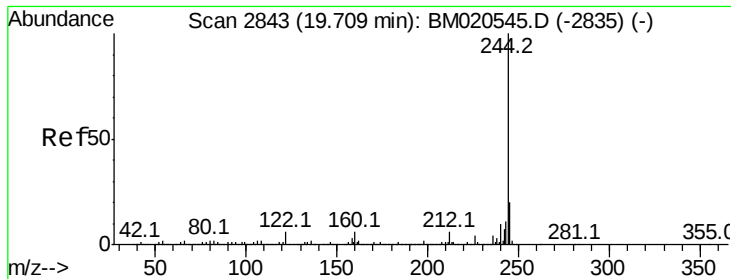
200 20.5 16.4 24.6

203 17.6 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





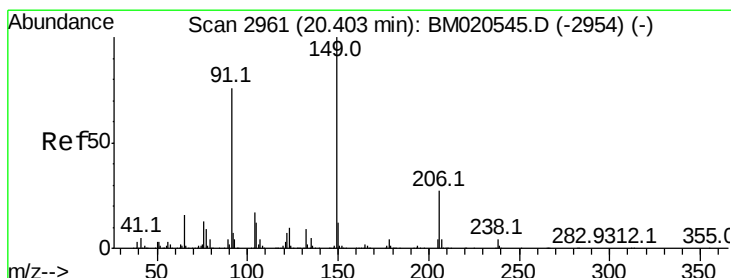
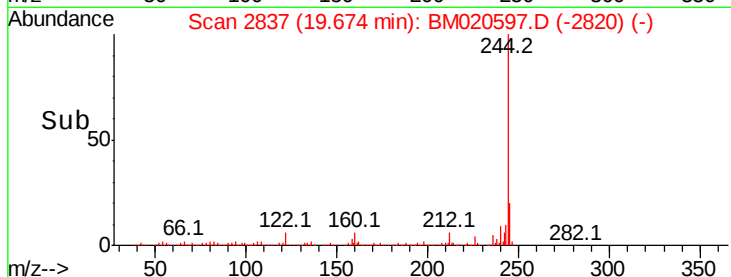
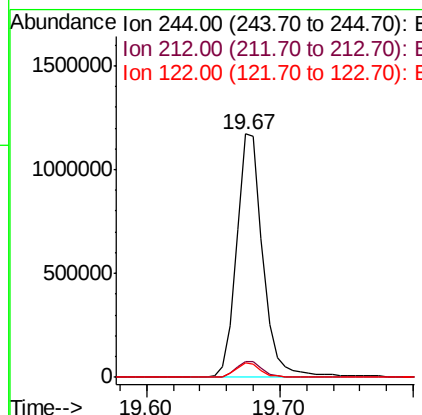
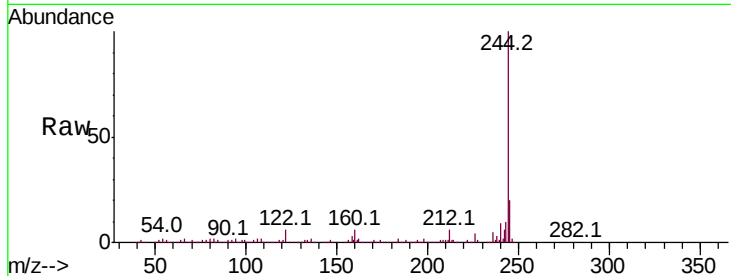
#79
 Terphenyl-d14
 Concen: 88.018 ng
 RT: 19.67 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	5.8	4.6	7.0

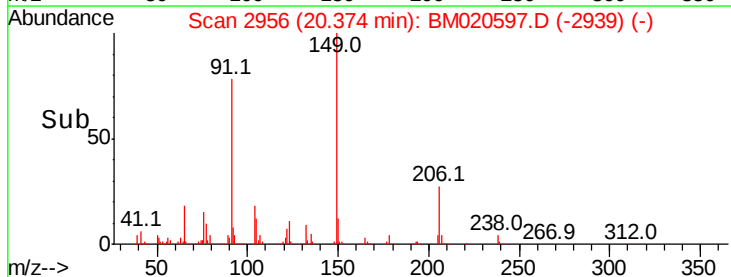
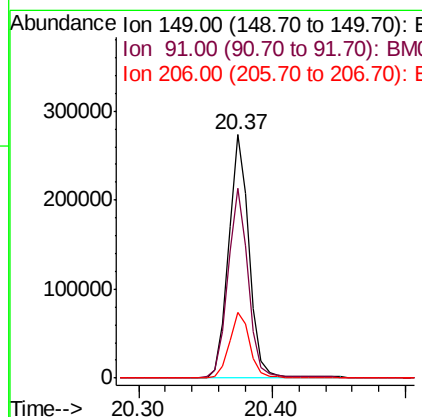
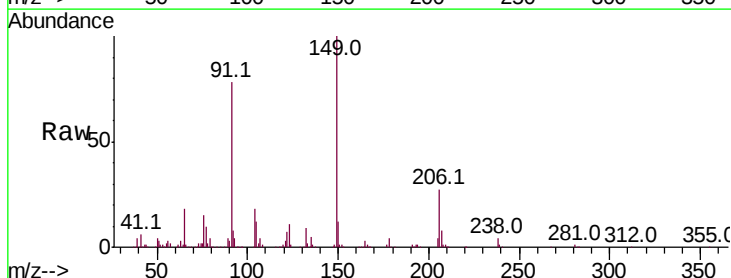
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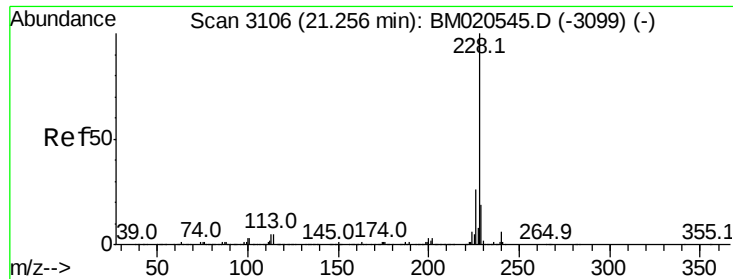
mohammad
 5/30/2019 8:15:55 AM



#80
 Butylbenzylphthalate
 Concen: 40.799 ng
 RT: 20.37 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.9	62.3	93.5
206	27.1	21.7	32.5





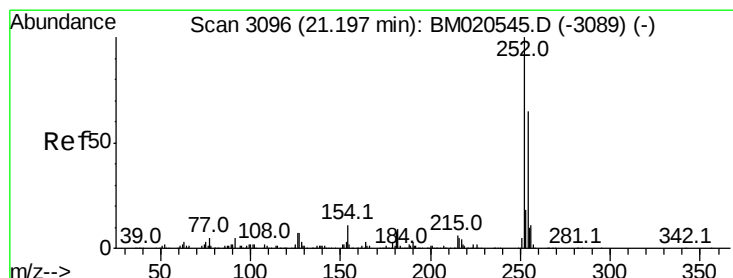
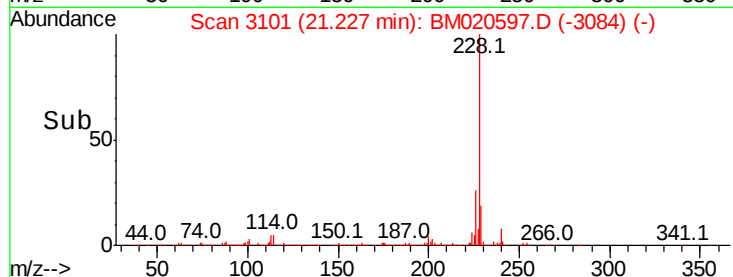
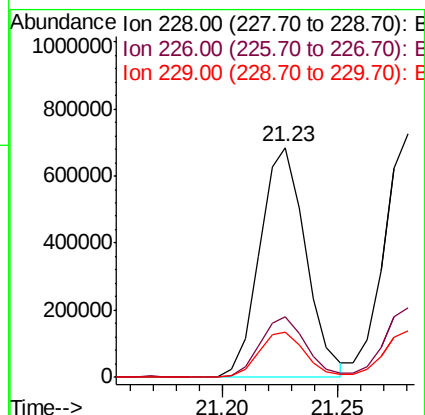
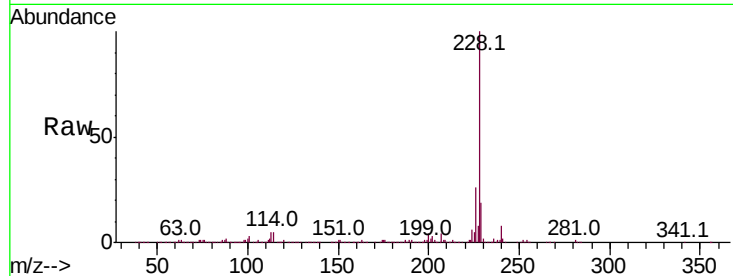
#81
Benzo(a)anthracene
Concen: 41.486 ng
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	20.9	31.3
229	19.4	15.5	23.3

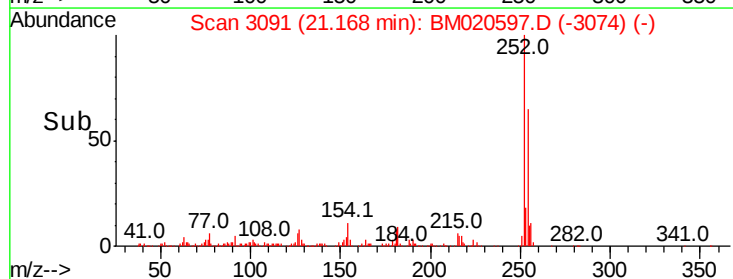
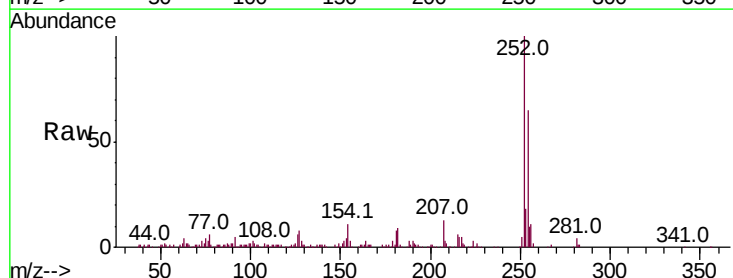
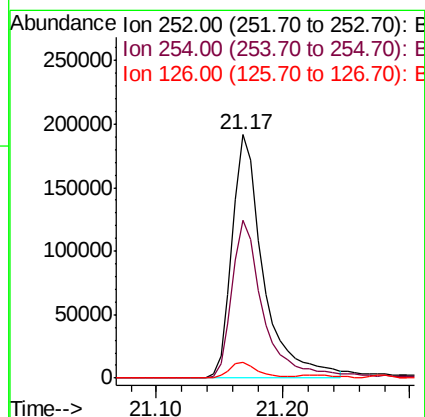
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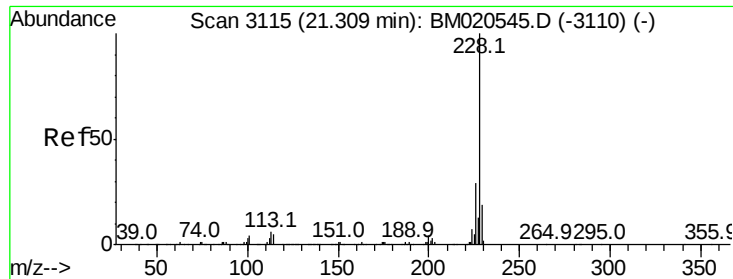
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.342 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	6.3	5.0	7.6





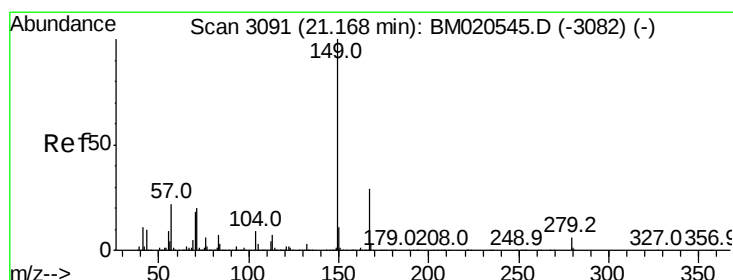
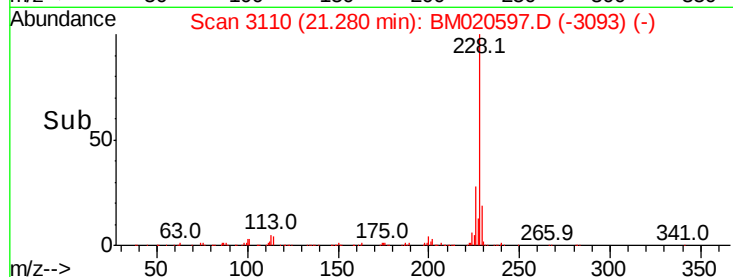
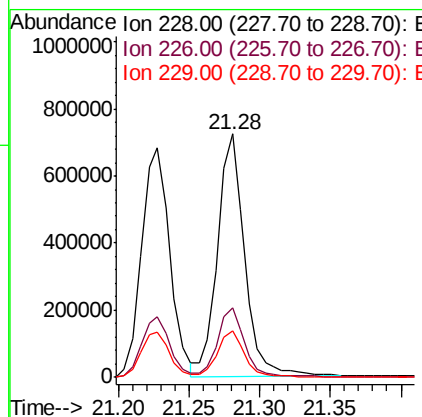
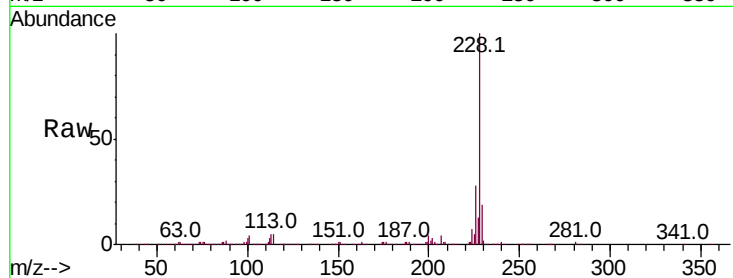
#83
 Chrvsene
 Concen: 43.487 ng
 RT: 21.28 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.3	15.4	23.2

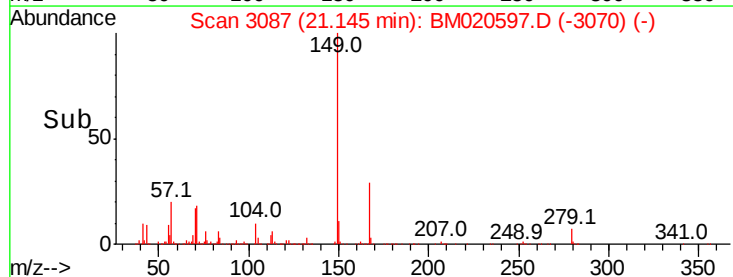
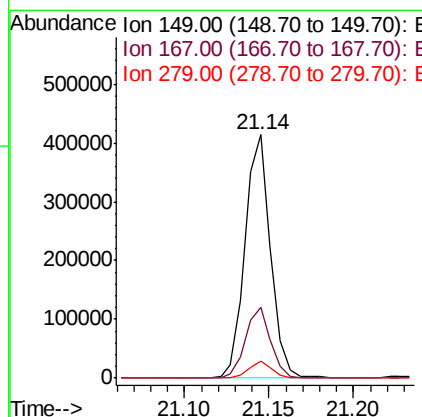
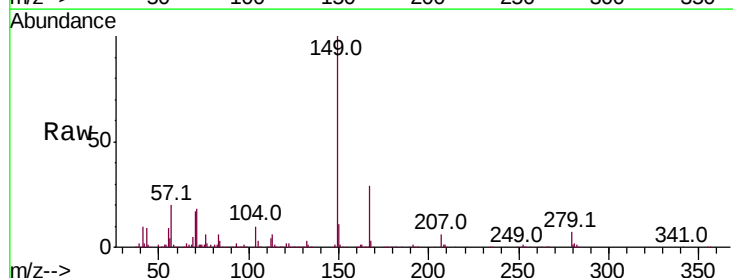
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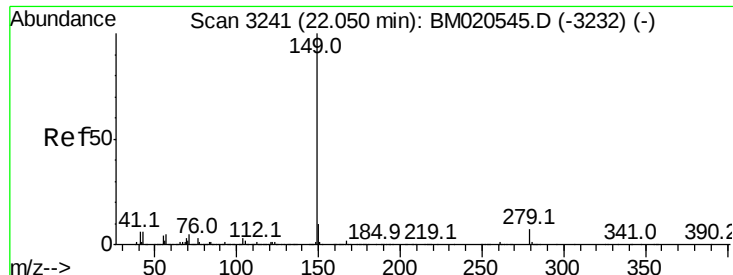
mohammad
 5/30/2019 8:15:55 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.094 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM020597.D
 Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.6
279	6.8	5.4	8.2





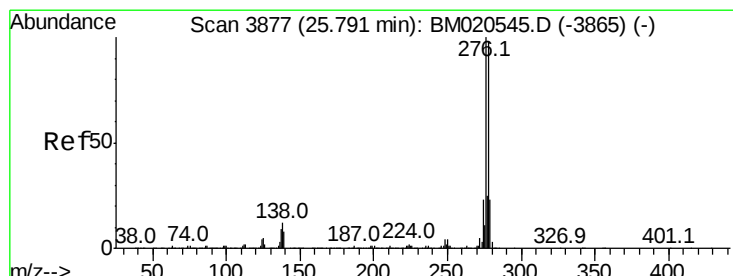
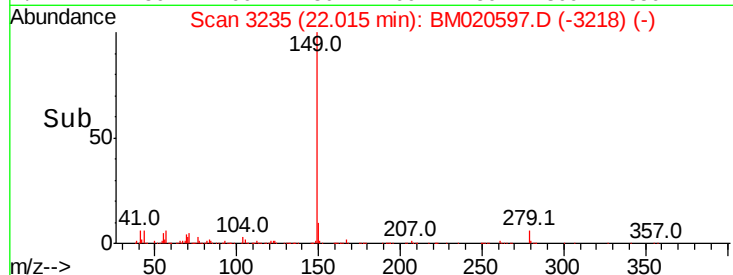
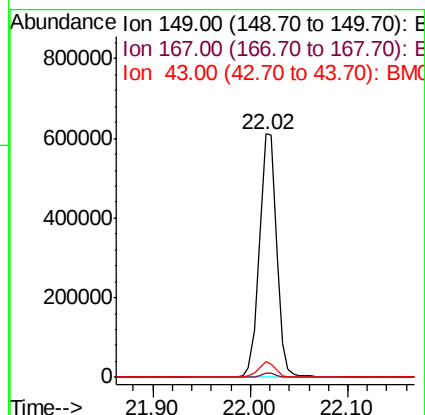
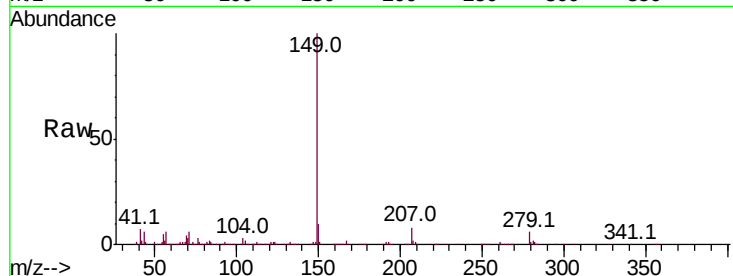
#85
Di-n-octyl phthalate
Concen: 40.660 ng
RT: 22.02 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.1	4.9	7.3

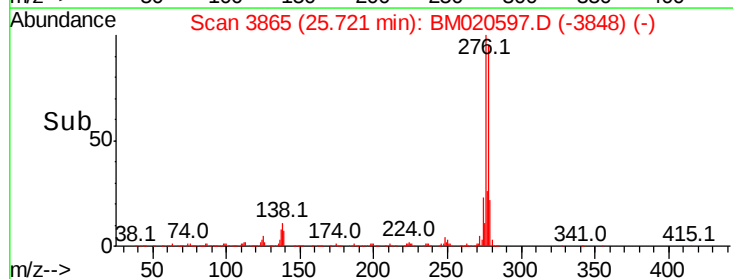
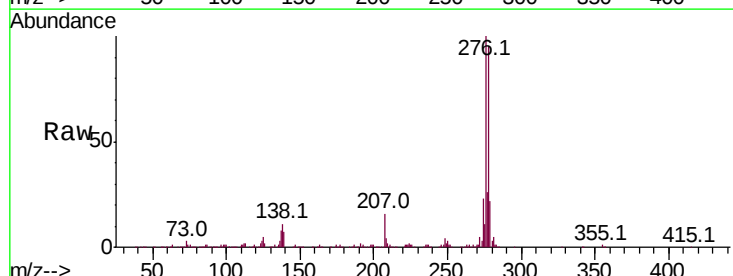
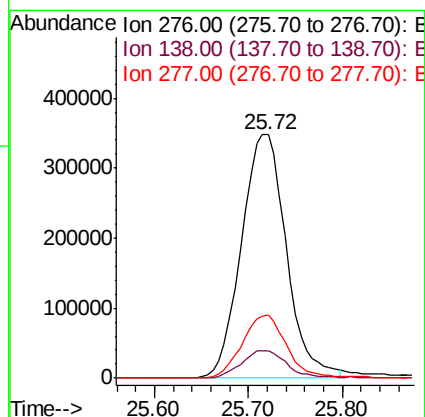
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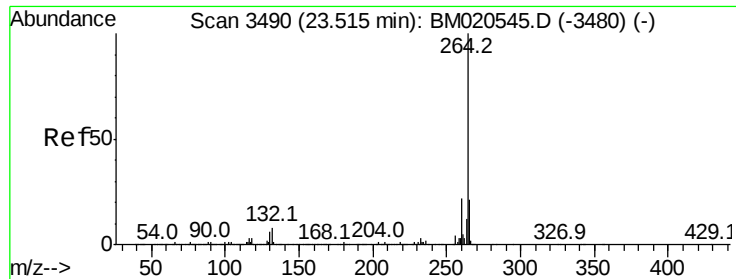
mohammad
5/30/2019 8:15:55 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.310 ng
RT: 25.72 min Scan# 3865
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.2	8.8	13.2
277	25.3	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Instrument :

BNA_M

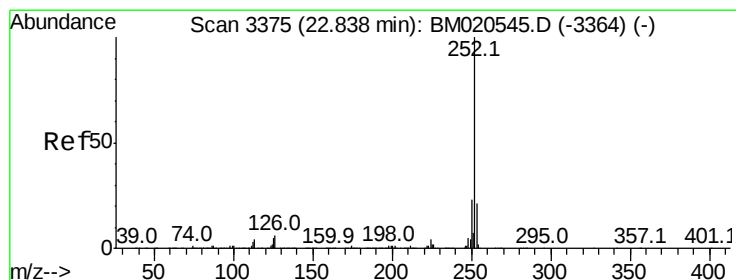
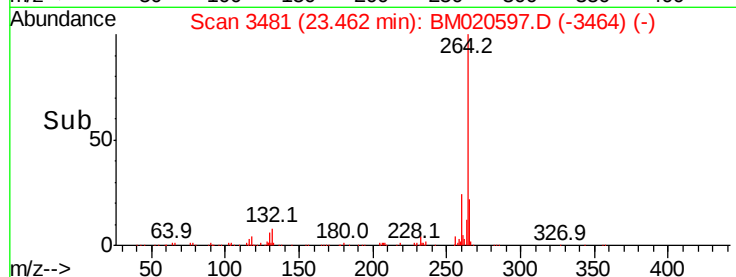
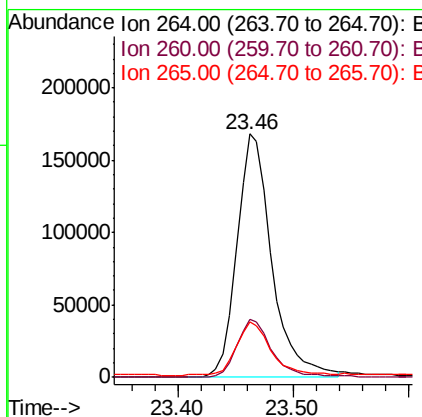
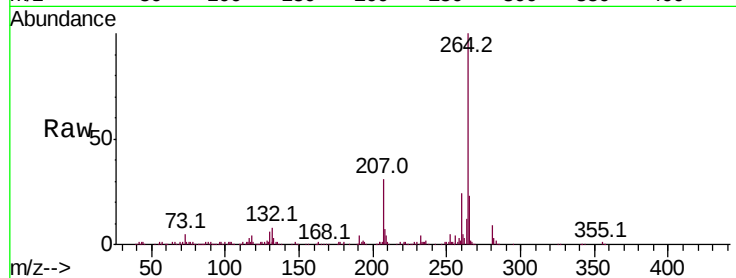
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	353094
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	22.8	18.2	27.4

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#88

Benzo(b)fluoranthene

Concen: 41.063 ng

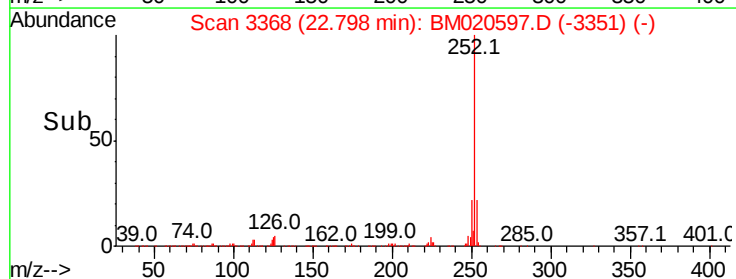
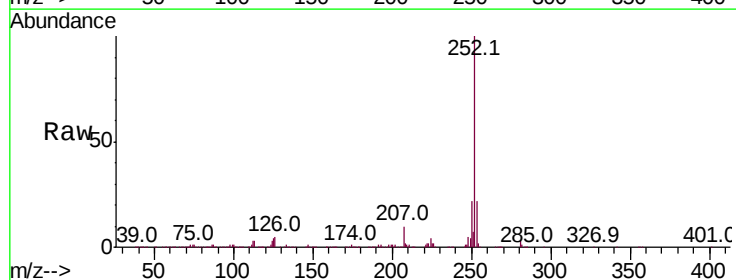
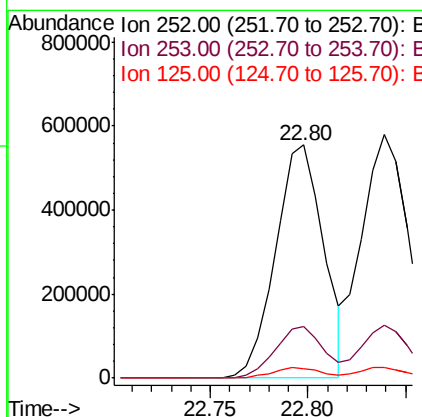
RT: 22.80 min Scan# 3368

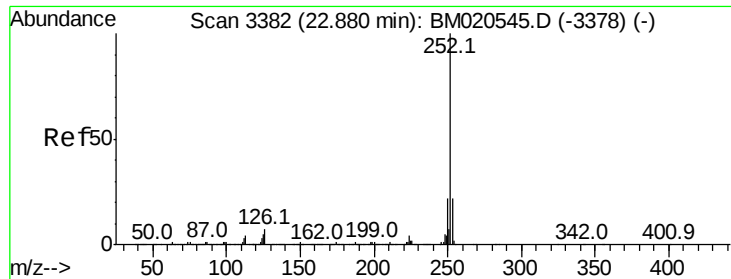
Delta R.T. 0.00 min

Lab File: BM020597.D

Acq: 29 May 2019 13:43

Tgt Ion:	252	Resp:	948990
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	4.3	3.4	5.2





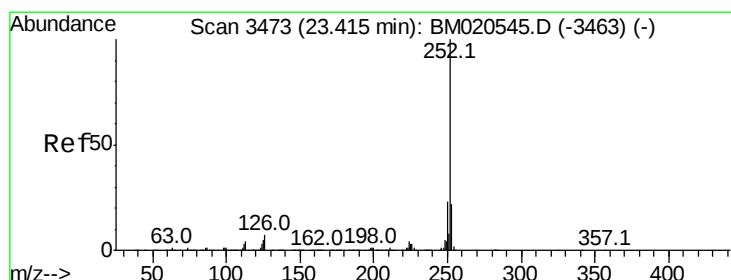
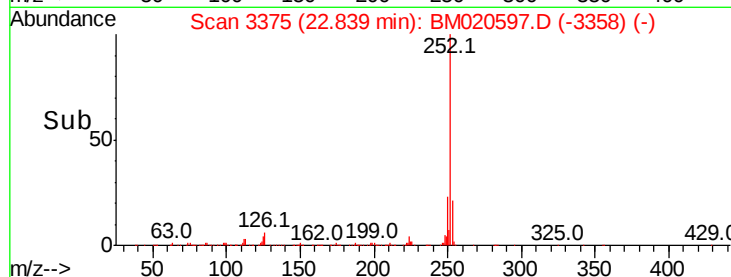
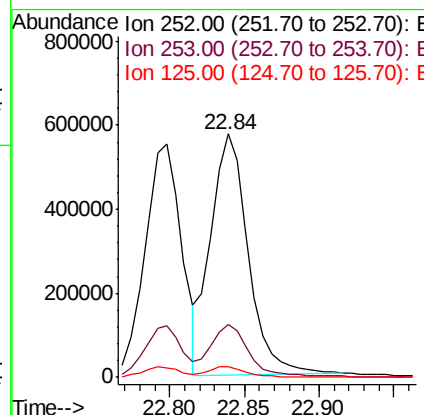
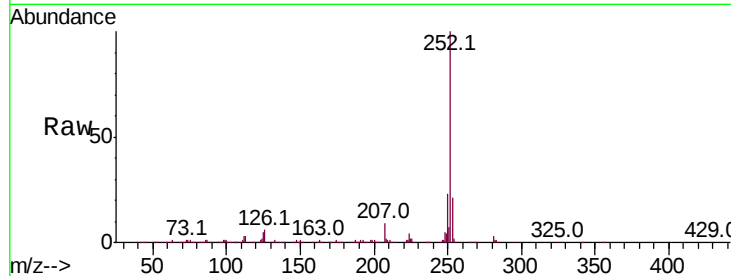
#89
Benzo(k)fluoranthene
Concen: 45.138 ng
RT: 22.84 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	4.6	3.7	5.5

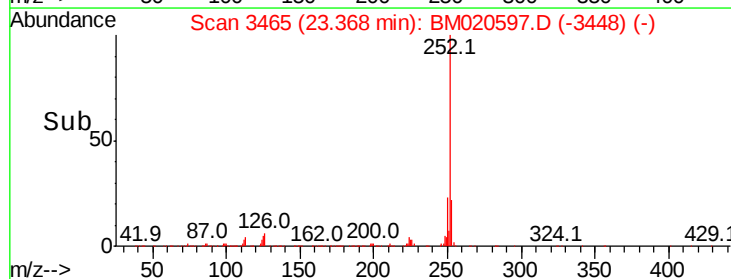
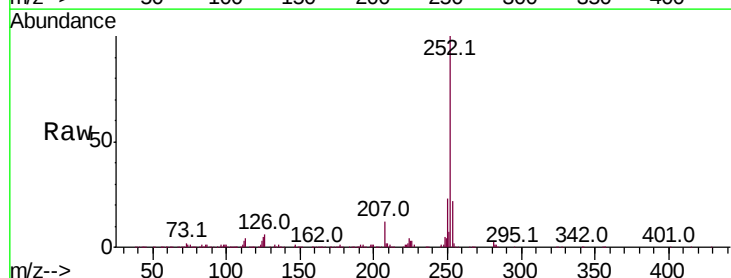
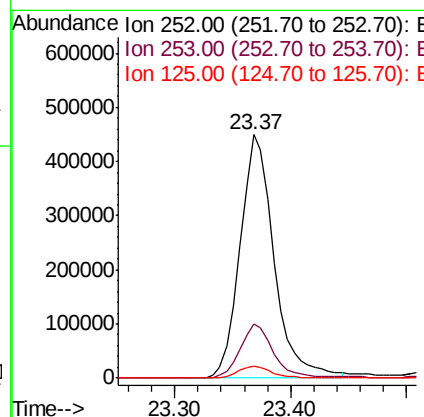
Manual Integrations
APPROVED

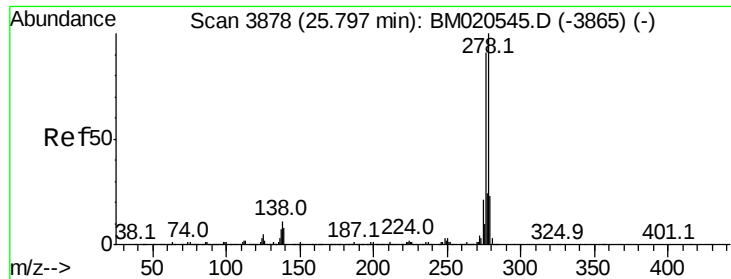
mohammad
5/30/2019 8:15:55 AM



#90
Benzo(a)pyrene
Concen: 43.037 ng
RT: 23.37 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	4.8	3.8	5.8





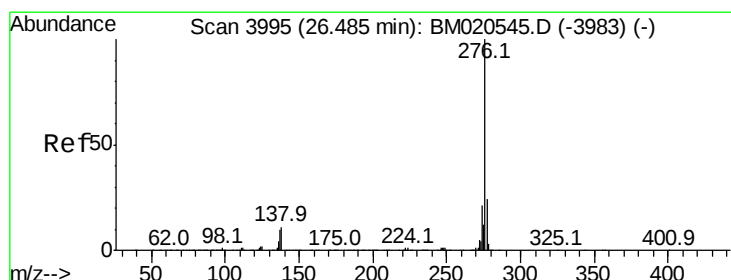
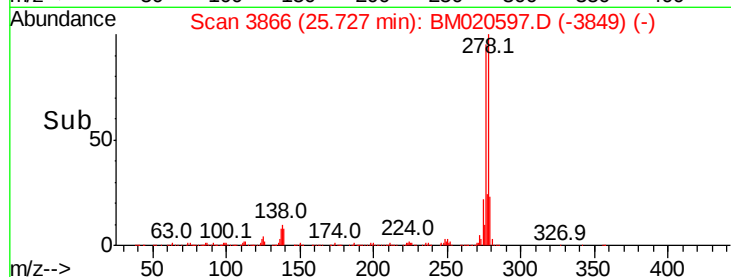
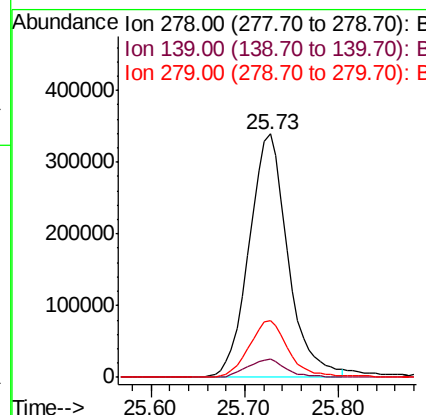
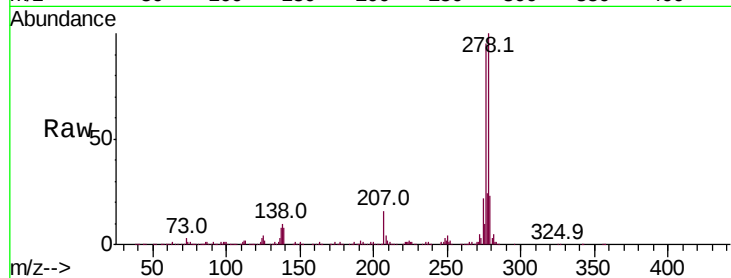
#91
Dibenzo(a,h)anthracene
Concen: 44.628 ng
RT: 25.73 min Scan# 3866
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.7	6.2	9.2
279	23.2	18.6	27.8

Manual Integrations
APPROVED

mohammad
5/30/2019 8:15:55 AM



#92
Benzo(g,h,i)perylene
Concen: 45.414 ng
RT: 26.40 min Scan# 3981
Delta R.T. 0.00 min
Lab File: BM020597.D
Acq: 29 May 2019 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	9.5	7.6	11.4

