

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
 Data File : BM020614.D
 Acq On : 30 May 2019 01:17
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:16:54 AM

Quant Time: May 30 02:48:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 02:15:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	42949	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	158976	20.00	ng	0.00
39) Acenaphthene-d10	14.28	164	120238	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	319848	20.00	ng	0.00
76) Chrysene-d12	21.23	240	392470	20.00	ng	0.00
87) Perylene-d12	23.46	264	424104	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	192921	88.12	ng	0.00
7) Phenol-d6	6.80	99	269527	81.57	ng	0.00
23) Nitrobenzene-d5	8.80	82	344299	90.90	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	215337	89.39	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	834244	87.06	ng	0.00
79) Terphenyl-d14	19.67	244	1937418	89.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	64420	56.232	ng	98
3) Pyridine	3.53	79	160655	47.370	ng	99
4) n-Nitrosodimethylamine	3.46	42	43471	53.507	ng	# 91
6) Aniline	6.96	93	181637	38.000	ng	97
8) 2-Chlorophenol	7.19	128	112364	41.973	ng	98
9) Benzaldehyde	6.79	77	91777m	43.506	ng	
10) Phenol	6.83	94	145810	40.864	ng	93
11) bis(2-Chloroethyl)ether	7.06	93	99389	37.326	ng	100
12) 1,3-Dichlorobenzene	7.50	146	149648	43.650	ng	97
13) 1,4-Dichlorobenzene	7.66	146	143933	42.002	ng	99
14) 1,2-Dichlorobenzene	7.97	146	147751	43.007	ng	98
15) Benzyl Alcohol	7.87	79	109269m	35.736	ng	
16) 2,2'-oxybis(1-Chloropropan	8.16	45	65154	35.107	ng	86
17) 2-Methylphenol	8.07	107	89855	38.144	ng	96
18) Hexachloroethane	8.68	117	64231	46.271	ng	88
19) n-Nitroso-di-n-propylamine	8.43	70	110922	37.805	ng	98
20) 3+4-Methylphenols	8.40	107	119210	37.735	ng	93
22) Acetophenone	8.46	105	177505	40.547	ng	96
24) Nitrobenzene	8.84	77	167126	44.679	ng	95
25) Isophorone	9.35	82	296393	42.056	ng	99
26) 2-Nitrophenol	9.54	139	51851	37.568	ng	94
27) 2,4-Dimethylphenol	9.60	122	78287	38.077	ng	93
28) bis(2-Chloroethoxy)methane	9.84	93	143228	39.040	ng	97
29) 2,4-Dichlorophenol	10.07	162	115941	42.398	ng	95
30) 1,2,4-Trichlorobenzene	10.27	180	178294	47.685	ng	97
31) Naphthalene	10.46	128	353067	43.012	ng	99
32) Benzoic acid	9.73	122	16984m	19.843	ng	
33) 4-Chloroaniline	10.60	127	117822	35.962	ng	96
34) Hexachlorobutadiene	10.72	225	152596	54.893	ng	97
35) Caprolactam	11.41	113	30684	34.094	ng	95
36) 4-Chloro-3-methylphenol	11.72	107	116137	39.027	ng	99
37) 2-Methylnaphthalene	12.08	142	260557	41.550	ng	97
38) 1-Methylnaphthalene	12.30	142	257802	42.430	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	232587	46.016	ng	99

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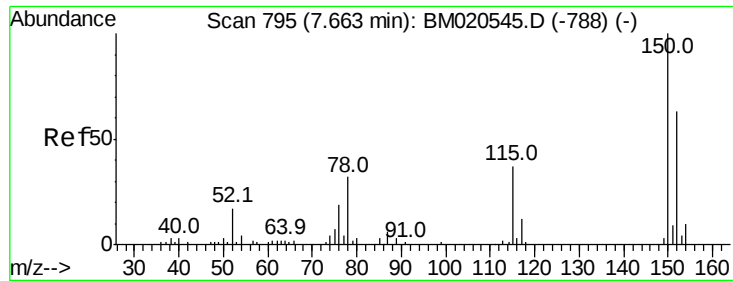
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	40280	22.888	nq	98
43) 2,4,6-Trichlorophenol	12.71	196	132721	42.431	nq	99
44) 2,4,5-Trichlorophenol	12.78	196	119123	40.782	nq	98
46) 1,1'-Biphenyl	13.11	154	384755	41.549	nq	99
47) 2-Chloronaphthalene	13.16	162	333501	42.484	nq	98
48) 2-Nitroaniline	13.39	65	81791	34.919	nq	92
49) Acenaphthylene	14.01	152	488963	40.958	nq	99
50) Dimethylphthalate	13.75	163	441078	41.415	nq	99
51) 2,6-Dinitrotoluene	13.89	165	89159	40.167	nq	87
52) Acenaphthene	14.35	154	303768	42.225	nq	99
53) 3-Nitroaniline	14.23	138	61260	32.951	nq	95
54) 2,4-Dinitrophenol	14.44	184	43211	36.733	nq	95
55) Dibenzofuran	14.69	168	539843	43.364	nq	97
56) 4-Nitrophenol	14.54	139	49184	38.717	nq	90
57) 2,4-Dinitrotoluene	14.68	165	126074	39.331	nq	# 86
58) Fluorene	15.34	166	434250	41.992	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	150053	44.148	nq	99
60) Diethylphthalate	15.12	149	437899	41.732	nq	99
61) 4-Chlorophenyl-phenylether	15.33	204	295844	44.811	nq	98
62) 4-Nitroaniline	15.40	138	60237m	32.284	nq	
63) Azobenzene	15.63	77	454764	44.539	nq	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	59482	31.817	nq	98
66) n-Nitrosodiphenylamine	15.56	169	370845	42.761	nq	97
67) 4-Bromophenyl-phenylether	16.23	248	193867	45.499	nq	97
68) Hexachlorobenzene	16.33	284	248881	48.175	nq	99
69) Atrazine	16.52	200	140734	39.441	nq	95
70) Pentachlorophenol	16.69	266	123279	46.198	nq	99
71) Phenanthrene	17.08	178	748976	43.104	nq	100
72) Anthracene	17.17	178	695697	41.286	nq	100
73) Carbazole	17.46	167	572514	39.590	nq	99
74) Di-n-butylphthalate	18.00	149	739797	41.587	nq	99
75) Fluoranthene	19.10	202	1034951	42.832	nq	99
77) Benzidine	19.32	184	225697m	31.292	nq	
78) Pyrene	19.47	202	1074663	43.616	nq	100
80) Butylbenzylphthalate	20.37	149	316828	36.596	nq	96
81) Benzo(a)anthracene	21.22	228	1135796	41.814	nq	99
82) 3,3'-Dichlorobenzidine	21.16	252	382898	38.620	nq	98
83) Chrysene	21.27	228	1141265	43.481	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	476964	37.801	nq	99
85) Di-n-octyl phthalate	22.01	149	842425	38.405	nq	100
86) Indeno(1,2,3-cd)pyrene	25.70	276	1435191	45.223	nq	99
88) Benzo(b)fluoranthene	22.79	252	1193979	43.014	nq	98
89) Benzo(k)fluoranthene	22.83	252	1212632	45.012	nq	99
90) Benzo(a)pyrene	23.36	252	1120490	43.866	nq	99
91) Dibenzo(a,h)anthracene	25.71	278	1201800	45.963	nq	99
92) Benzo(g,h,i)perylene	26.39	276	1140090	47.037	nq	98

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



#1

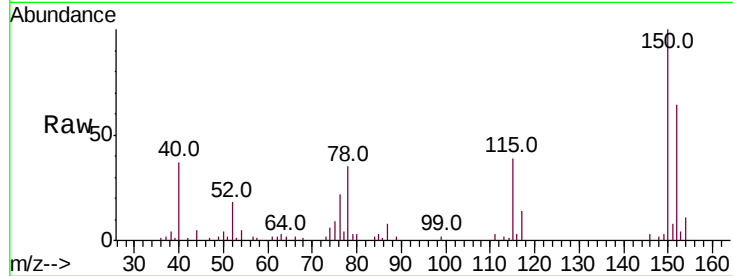
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	190.0
115	61.4	46.6	70.0

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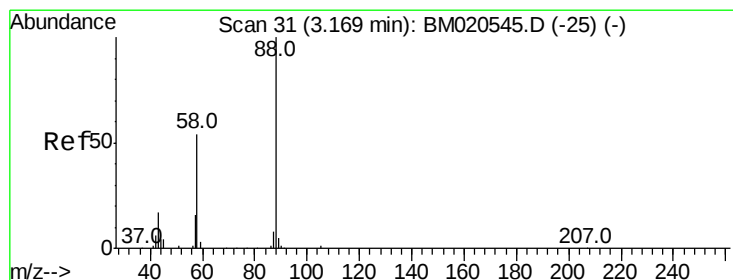
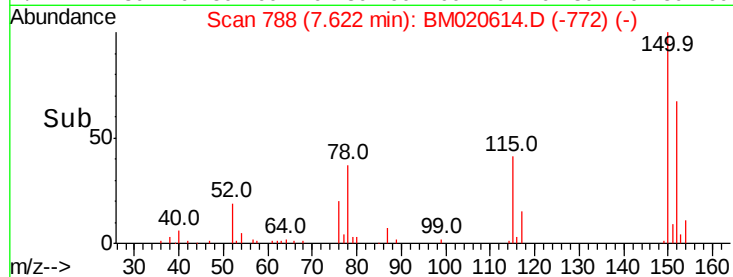
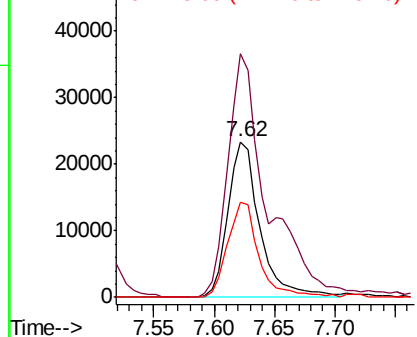


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

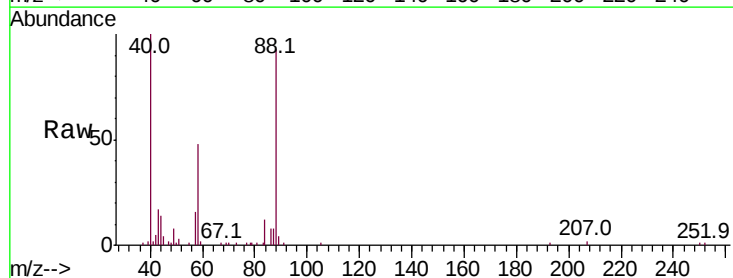
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 56.232 ng
RT: 3.13 min Scan# 24
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.6	42.3	63.5
43	20.0	16.0	24.0

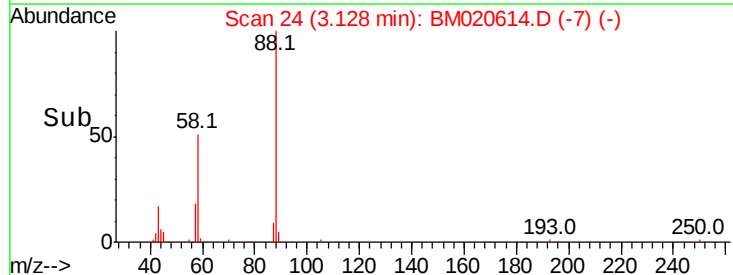
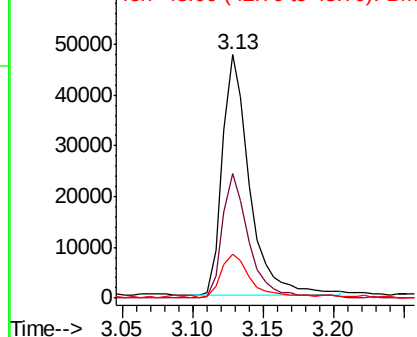


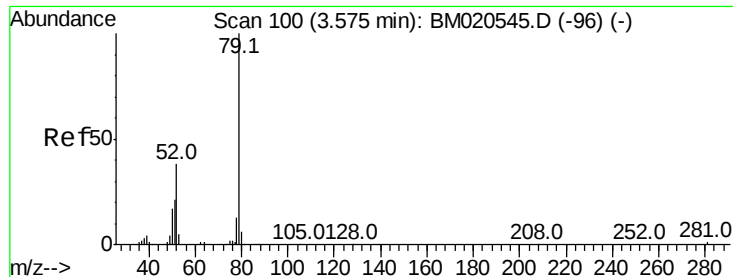
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





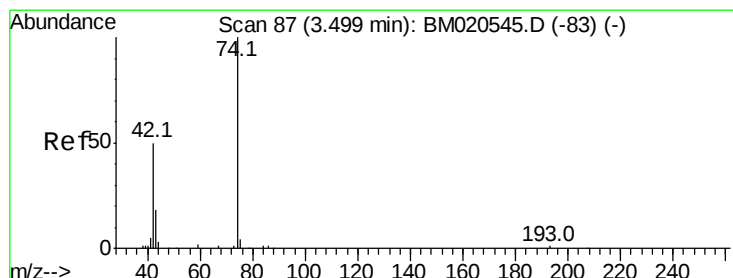
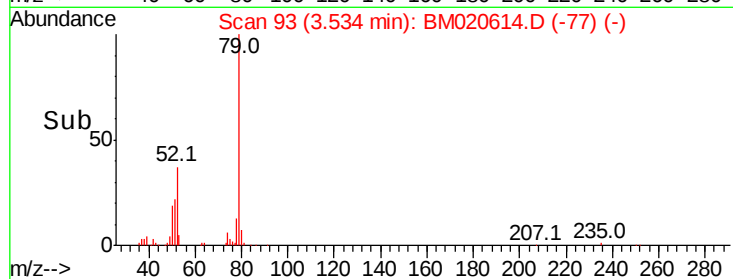
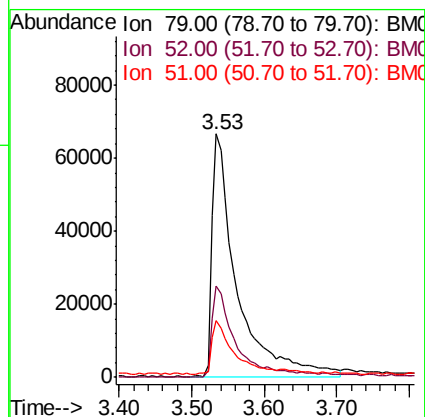
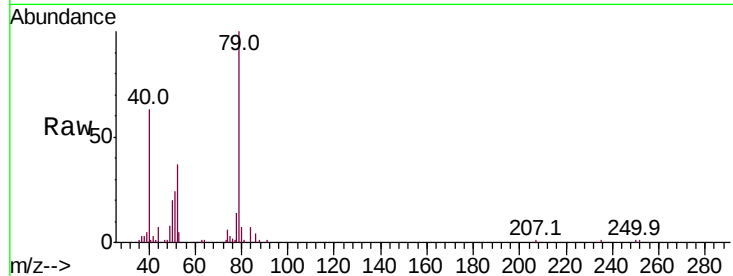
#3
 Pvridine
 Concen: 47.370 ng
 RT: 3.53 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	37.4	30.1	45.1
51	23.6	17.8	26.8

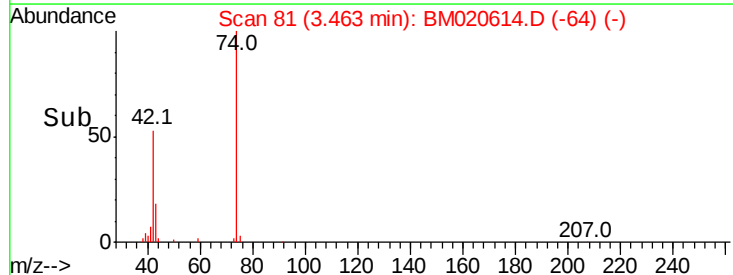
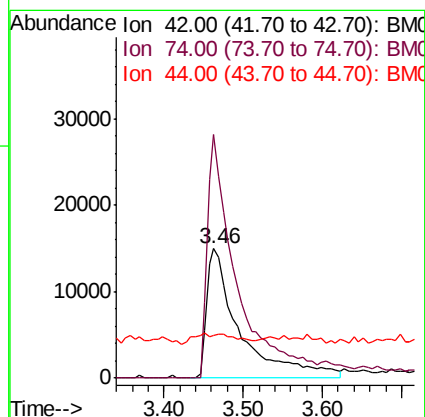
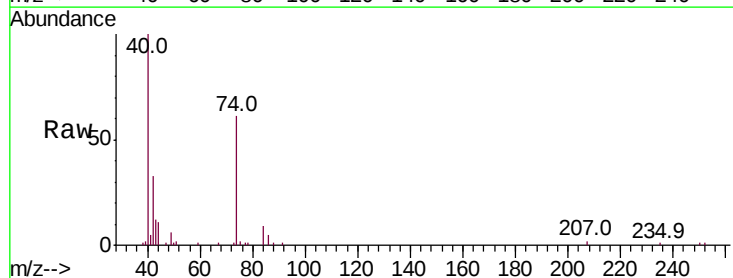
Manual Integrations
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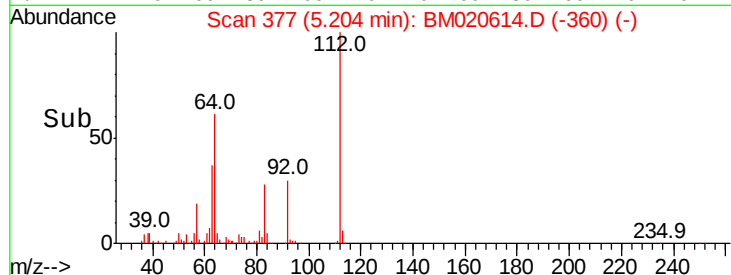
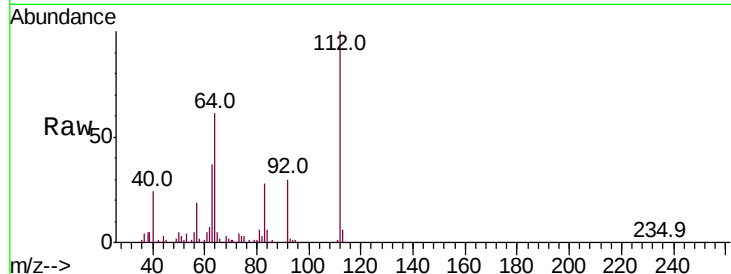
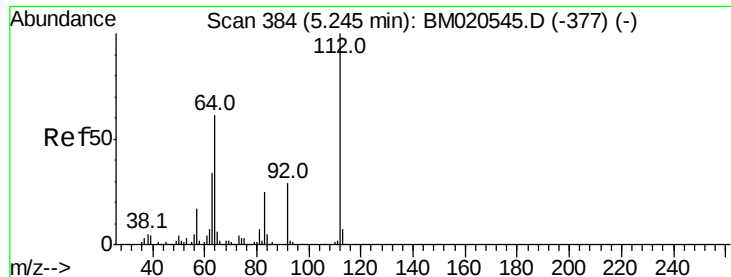
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#4
 n-Nitrosodimethylamine
 Concen: 53.507 ng
 RT: 3.46 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	188.0	161.1	241.7
44	33.4	20.9	31.3





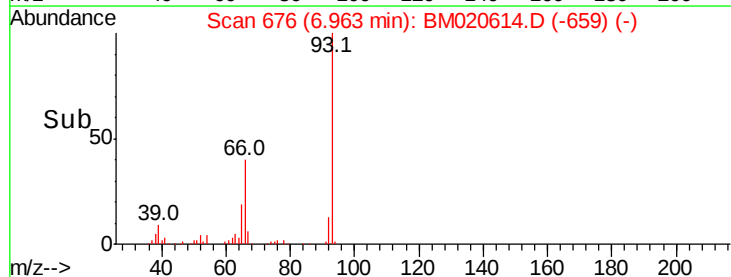
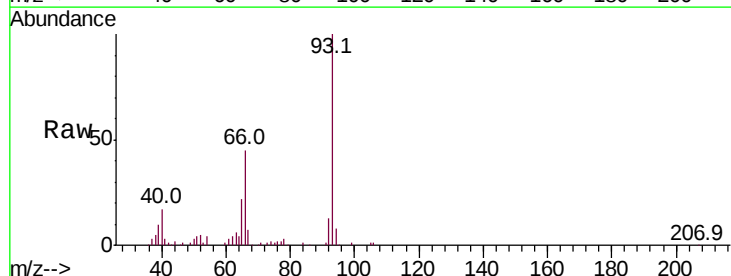
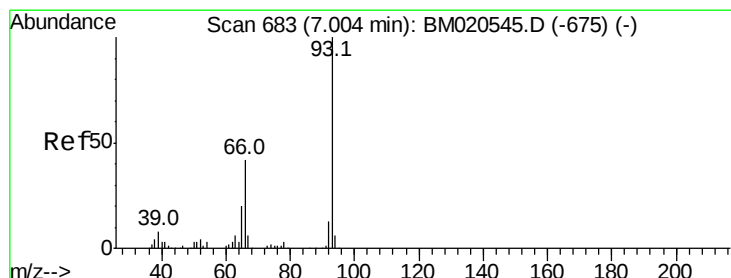
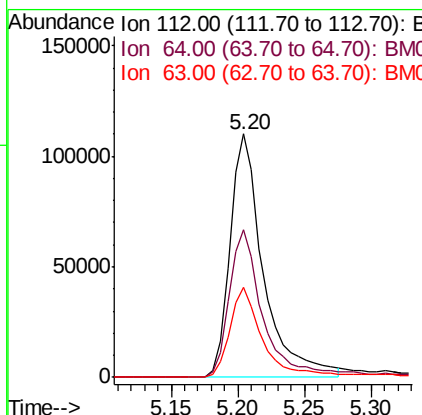
#5
2-Fluorophenol
Concen: 88.122 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tot Ion	Ratio	Resp	Lower	Upper
112	100	192921		
64	60.7	48.6	73.0	
63	36.8	27.4	41.0	

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

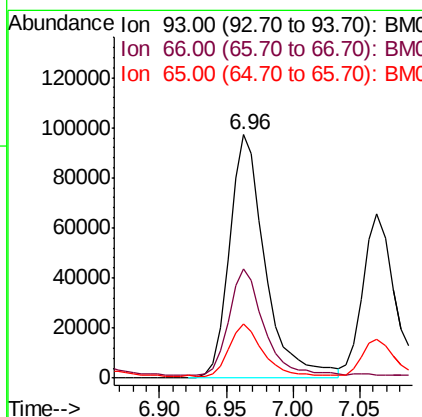
Manual Integrations
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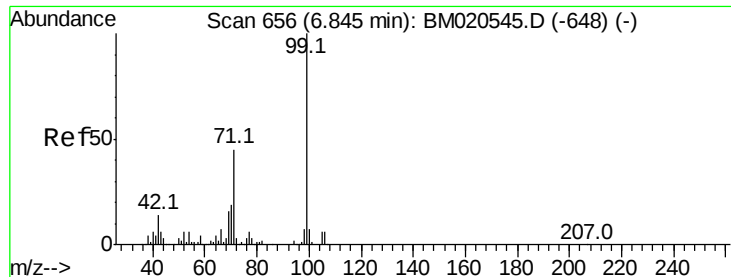
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#6
Aniline
Concen: 38.000 ng
RT: 6.96 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	181637		
66	44.6	34.5	51.7	
65	22.5	16.2	24.2	





#7

Phenol-d6

Concen: 81.568 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

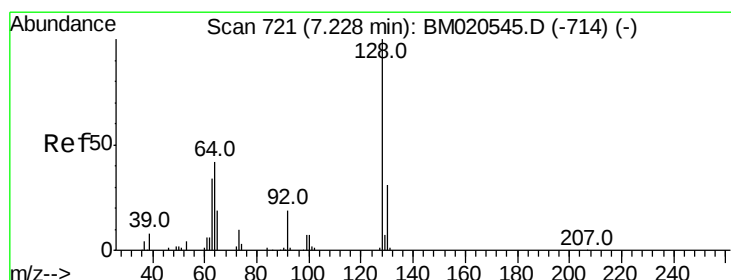
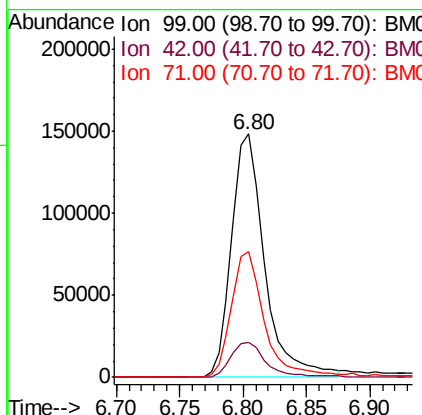
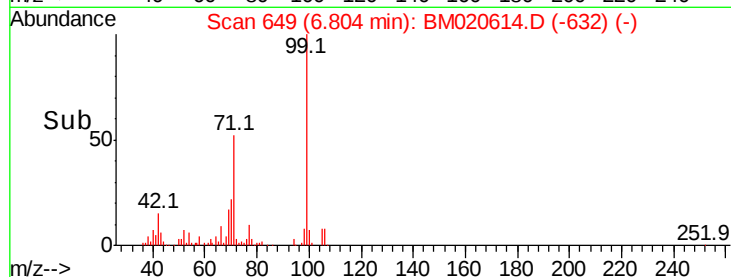
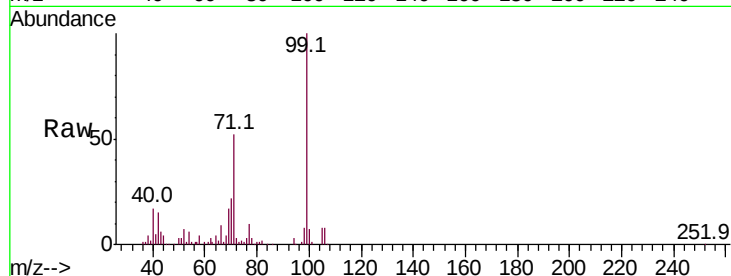
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
99	100	269527		
42	14.6	10.8	16.2	
71	51.9	36.3	54.5	

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#8

2-Chlorophenol

Concen: 41.973 ng

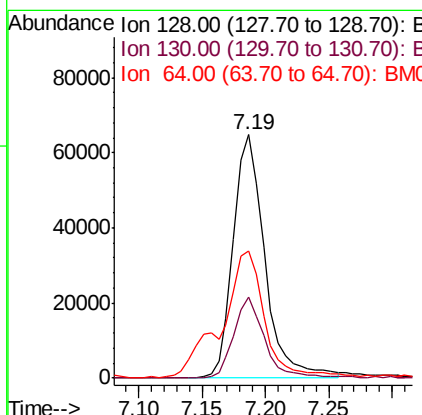
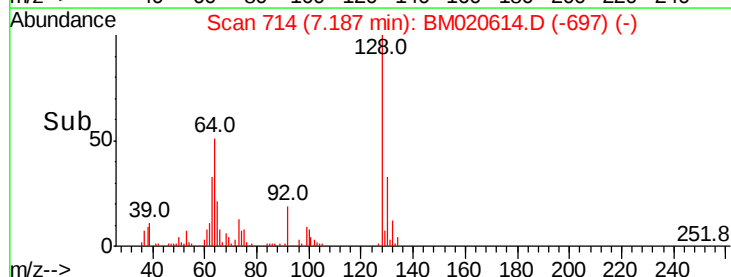
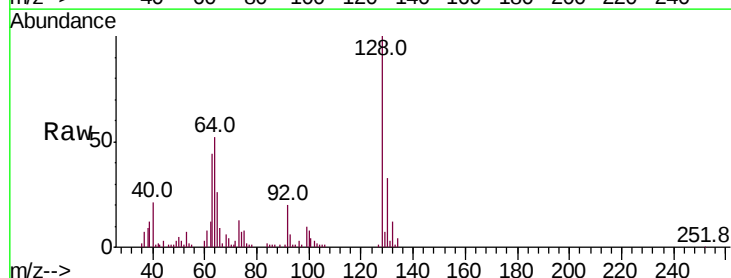
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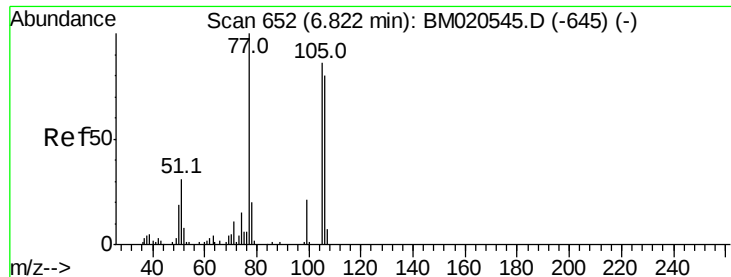
Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	112364		
130	33.2	11.2	51.2	
64	52.2	31.1	71.1	





#9

Benzaldehyde

Concen: 43.506 ng/mL

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

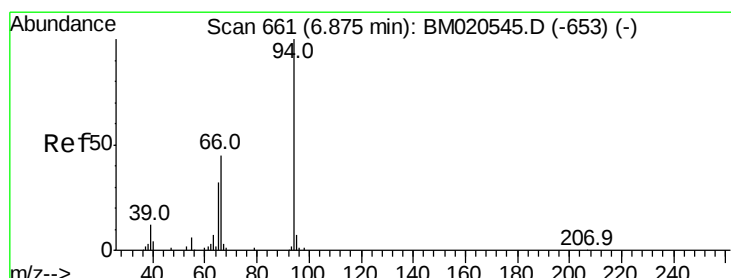
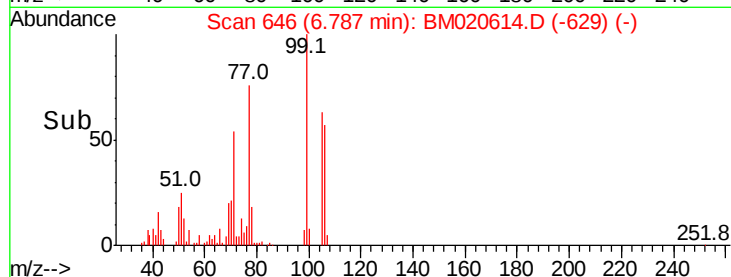
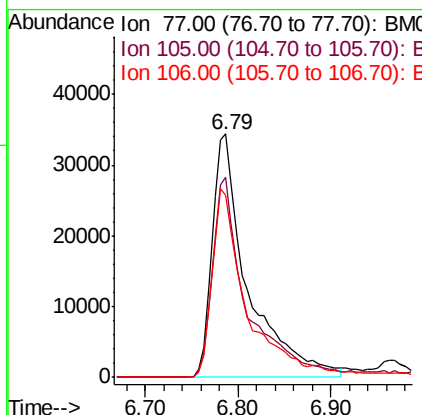
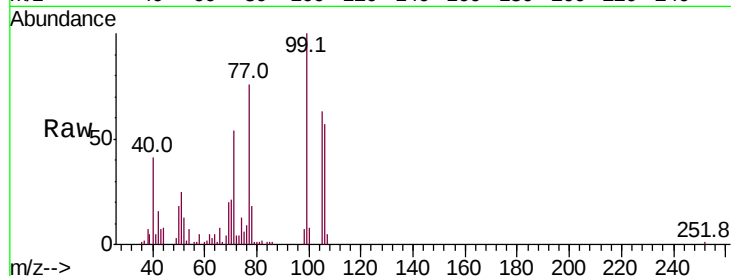
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	91777
Ion	Ratio	Lower	Upper
77	100		
105	82.1	66.1	106.1
106	74.9	60.0	100.0

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#10

Phenol

Concen: 40.864 ng/mL

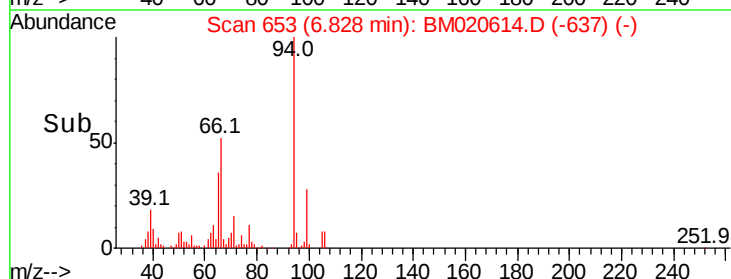
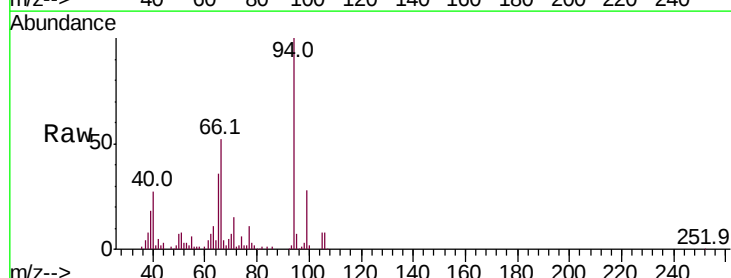
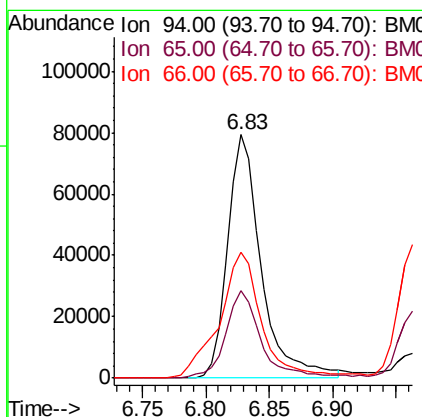
RT: 6.83 min Scan# 653

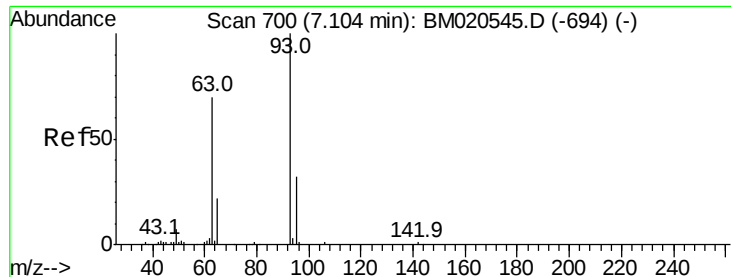
Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	94	Resp:	145810
Ion	Ratio	Lower	Upper
94	100		
65	36.0	12.4	52.4
66	51.9	27.4	67.4





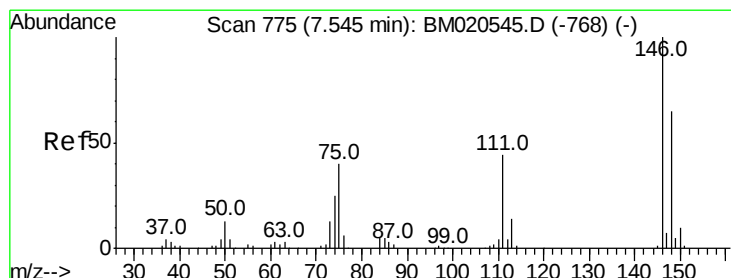
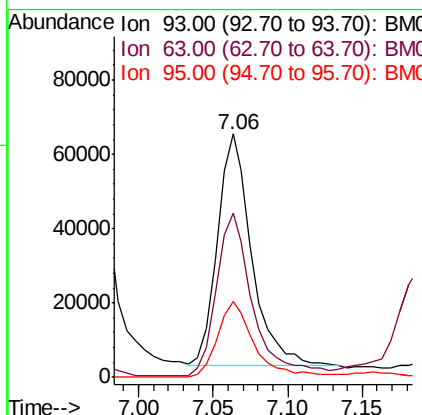
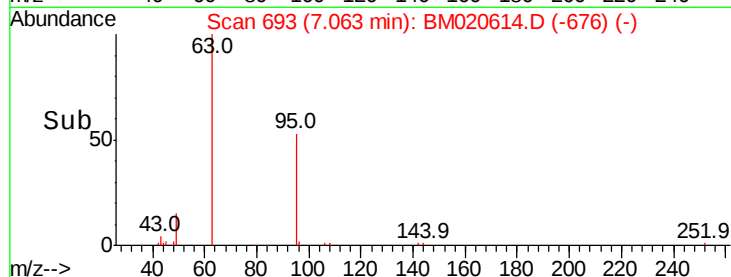
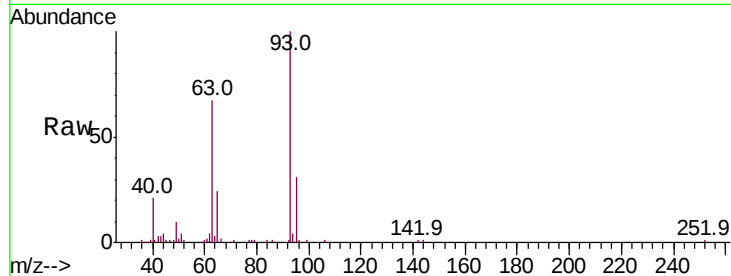
#11
bis(2-Chloroethyl)ether
Concen: 37.326 ng
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	99389
Ion	Ratio	Lower	Upper
93	100		
63	67.5	47.6	87.6
95	31.3	10.9	50.9

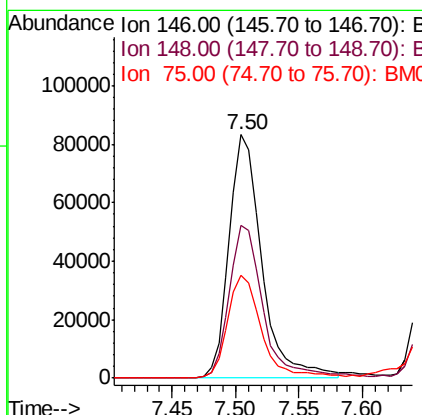
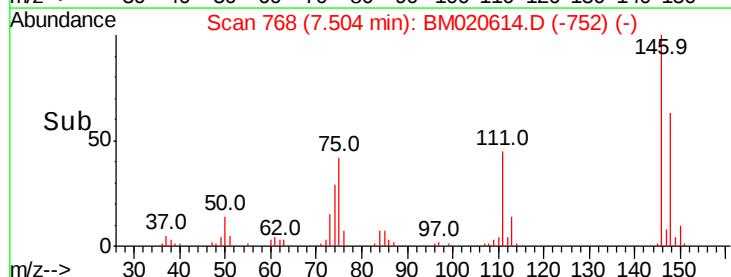
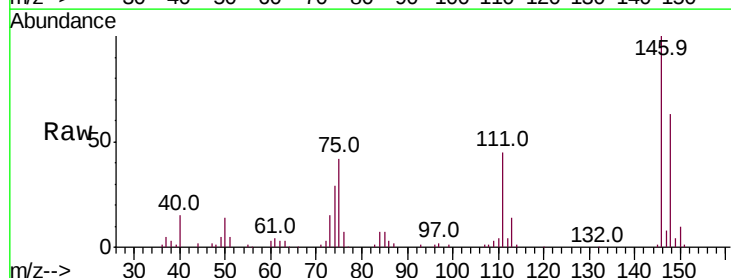
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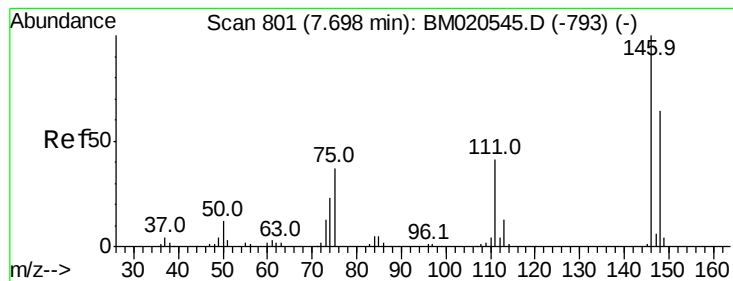
mohammad
5/30/2019 8:16:54 AM



#12
1,3-Dichlorobenzene
Concen: 43.650 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	146	Resp	149648
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
75	42.4	31.6	47.4





#13

1,4-Dichlorobenzene

Concen: 42.002 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

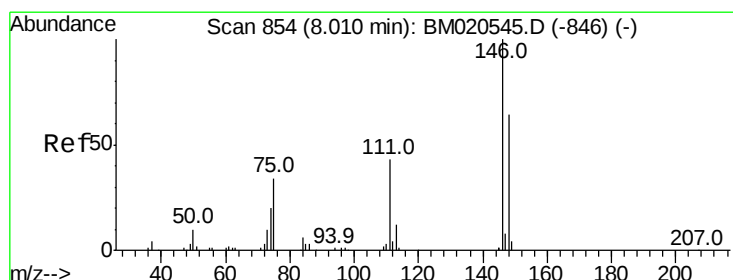
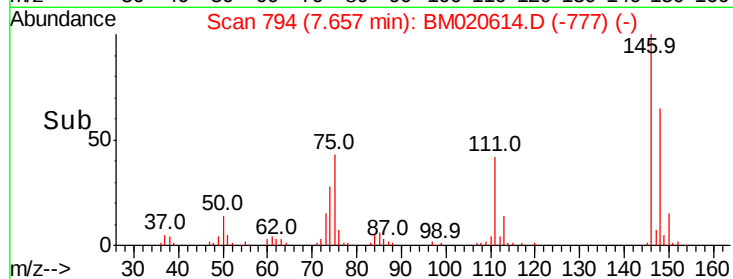
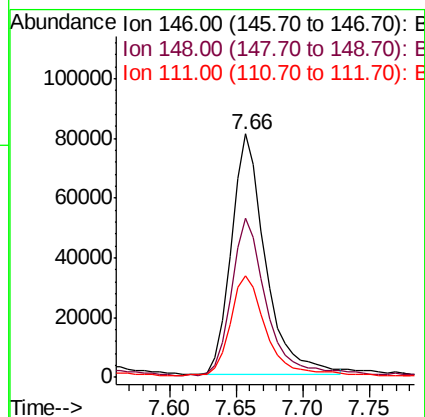
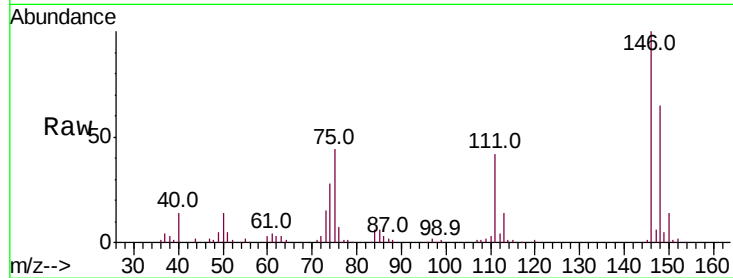
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	143933
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.1	76.7
111	41.8	33.5	50.3

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#14

1,2-Dichlorobenzene

Concen: 43.007 ng

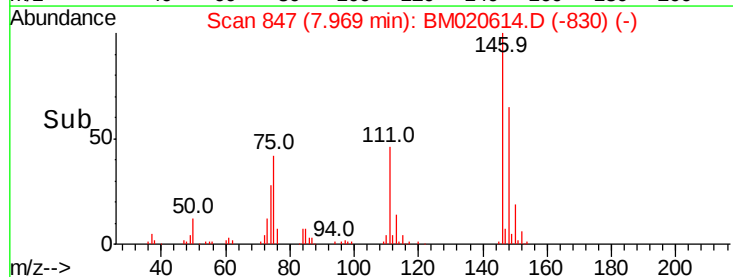
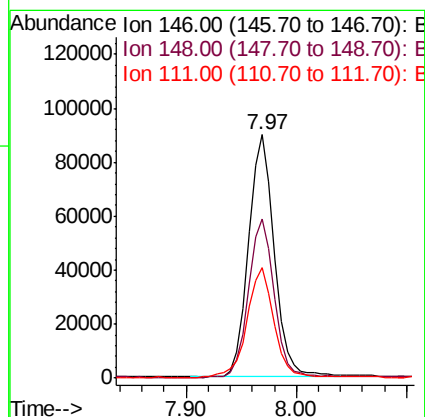
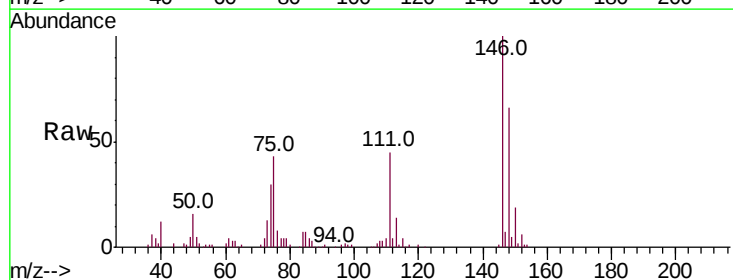
RT: 7.97 min Scan# 847

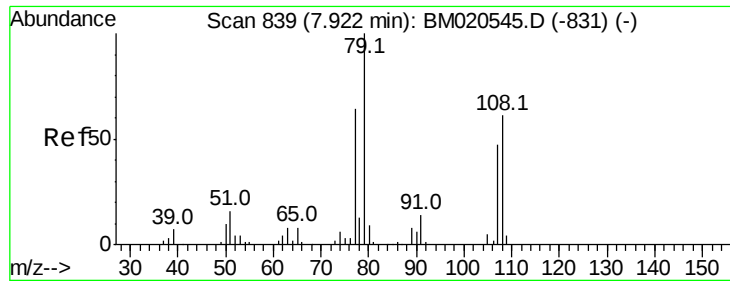
Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	146	Resp:	147751
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.2	76.8
111	45.3	35.2	52.8





#15

Benzyl Alcohol

Concen: 35.736 ng/mL

RT: 7.87 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

ClientSampleID :

SSTDCCC040

Tot Ion: 79 Resp: 109269

Ion Ratio Lower Upper

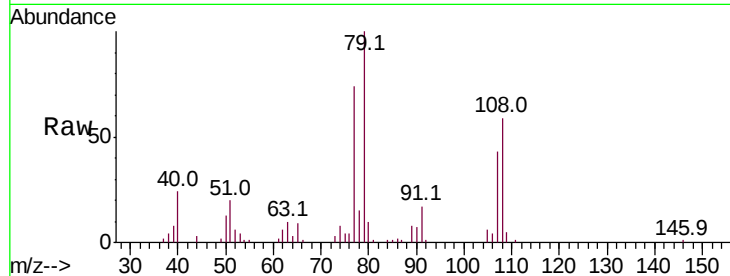
79 100

108 58.9 48.5 72.7

77 73.6 50.9 76.3

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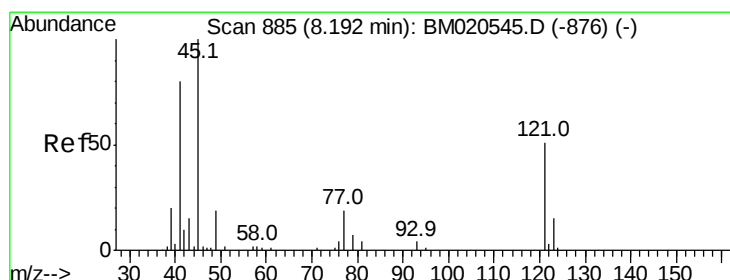
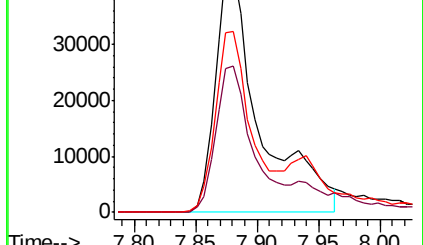
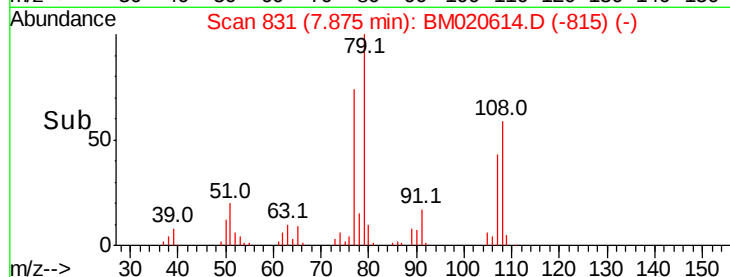


Abundance Ion 79.00 (78.70 to 79.70): BM020614.D (-815) (-)

Ion 108.00 (107.70 to 108.70): BM020614.D (-815) (-)

Ion 77.00 (76.70 to 77.70): BM020614.D (-815) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.107 ng/mL

RT: 8.16 min Scan# 879

Delta R.T. 0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

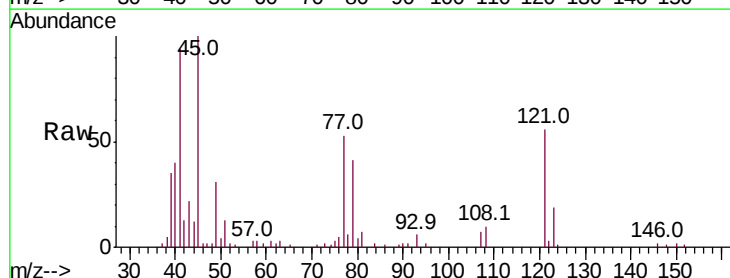
Tgt Ion: 45 Resp: 65154

Ion Ratio Lower Upper

45 100

77 53.4 25.0 65.0

79 41.3 13.1 53.1

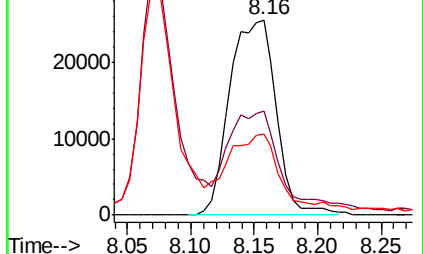
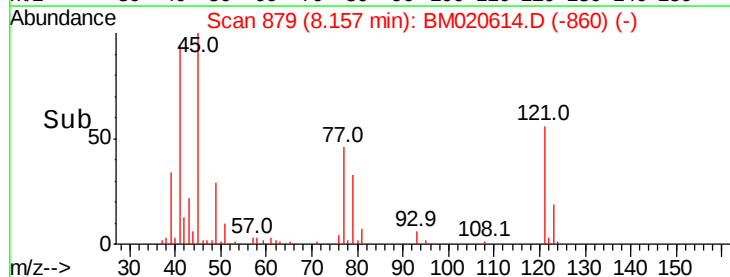


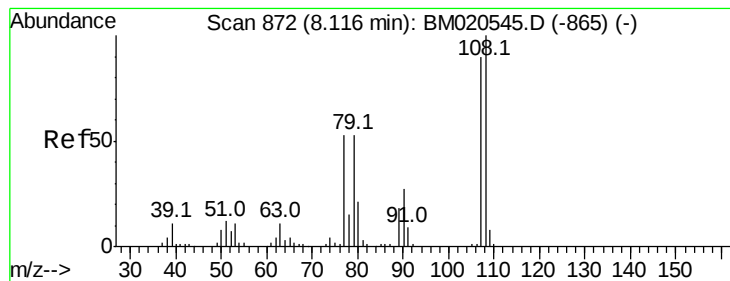
Abundance Ion 45.00 (44.70 to 45.70): BM020614.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM020614.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM020614.D (-860) (-)

Time-->





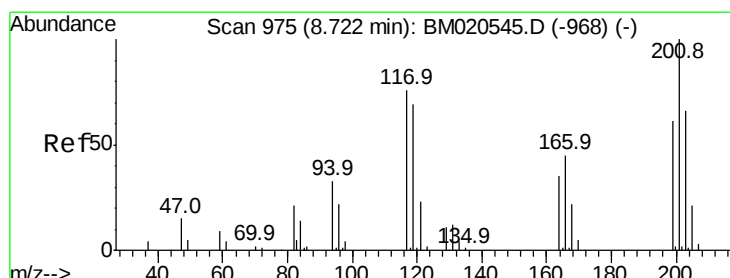
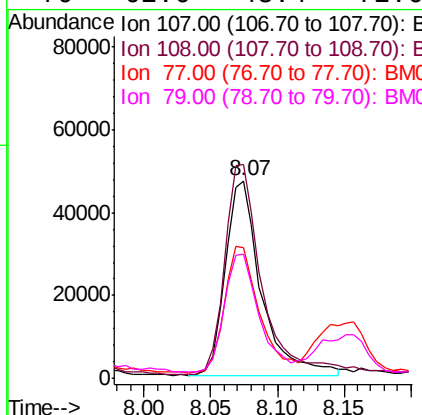
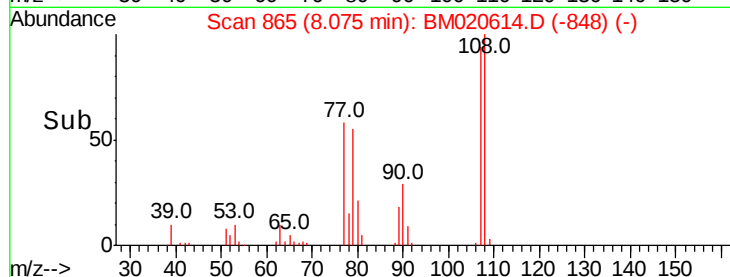
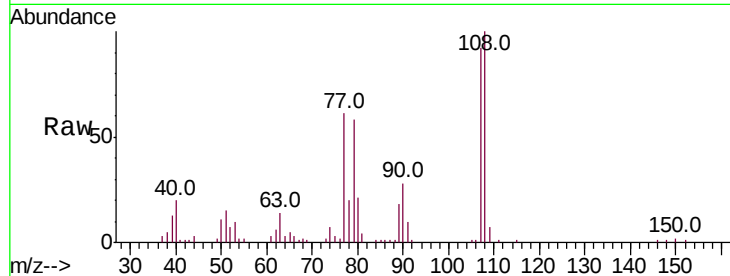
#17
2-Methylphenol
Concen: 38.144 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.3	89.4	134.2
77	66.1	48.2	72.4
79	62.6	48.4	72.6

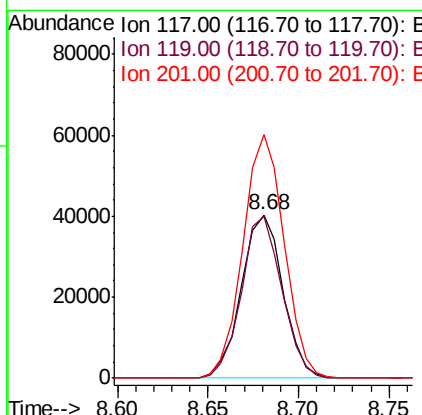
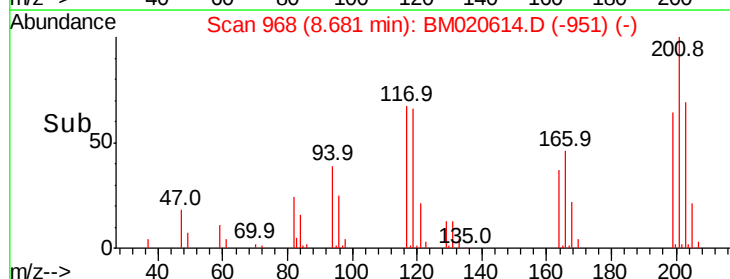
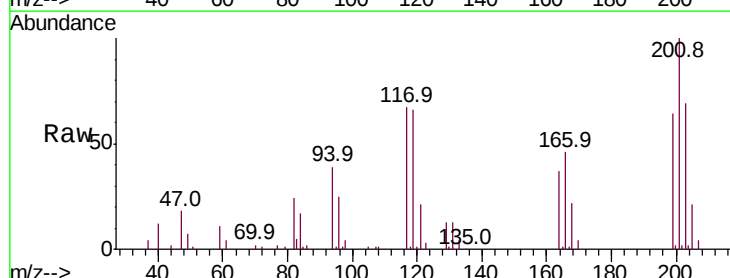
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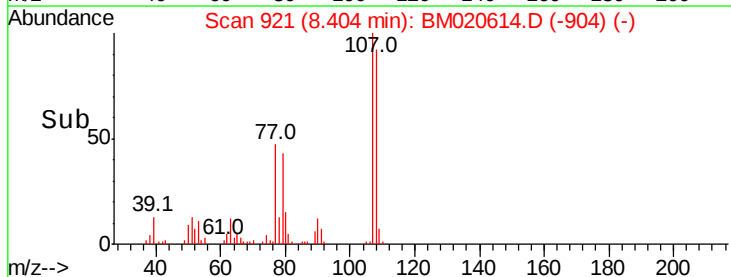
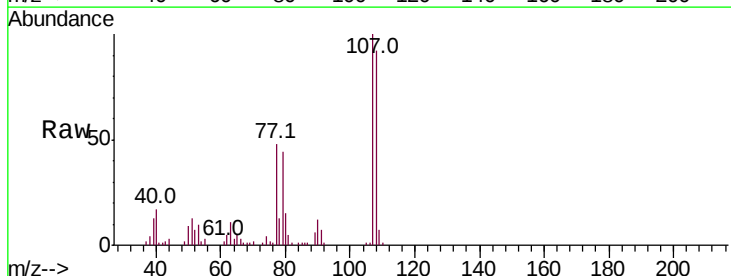
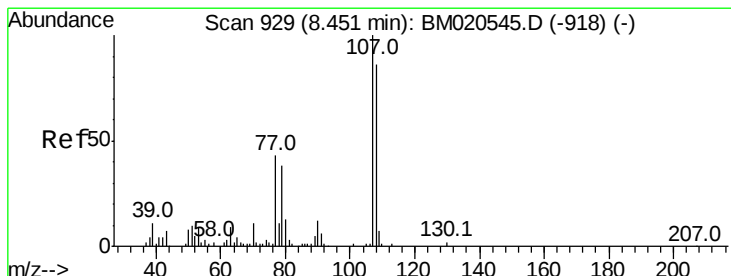
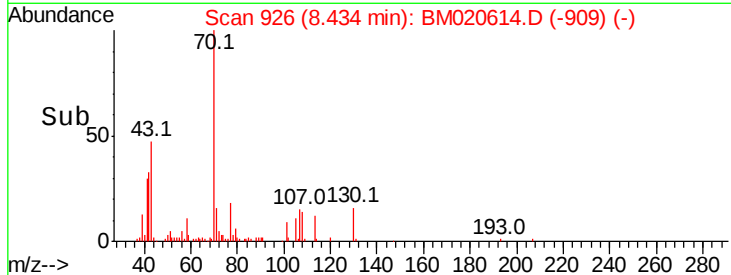
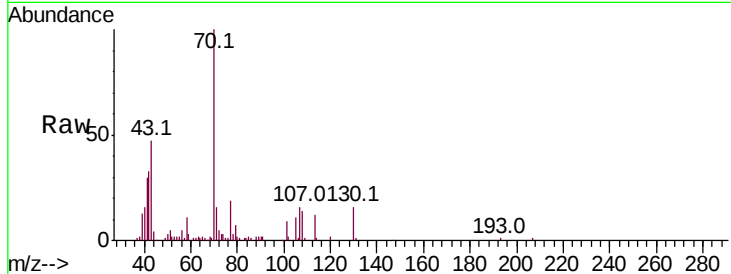
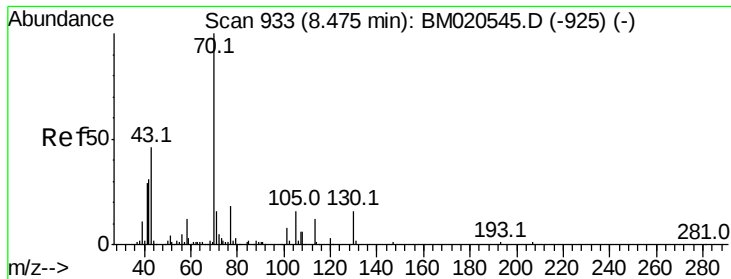
mohammad
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#18
Hexachloroethane
Concen: 46.271 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	73.2	109.8
201	149.1	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 37.805 ng

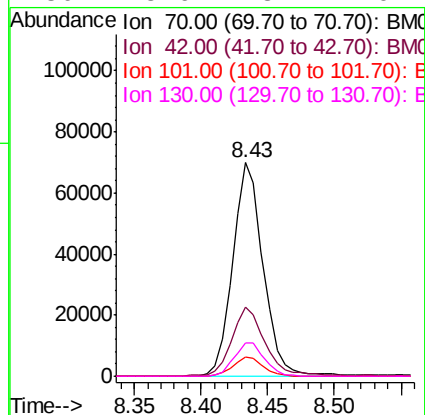
RT: 8.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		110922		
42	32.7	24.7	37.1		
101	8.8	6.8	10.2		
130	15.6	13.1	19.7		



Instrument : BNA_M

ClientSampleId : SSTDCCC040

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#20

3+4-Methylphenols

Concen: 37.735 ng

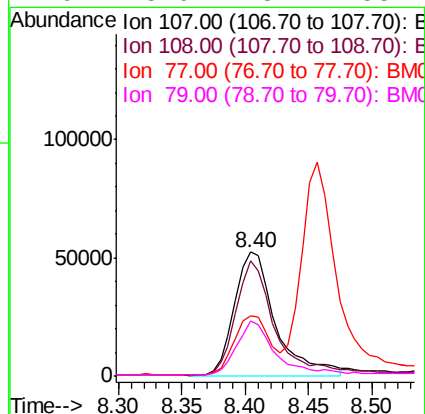
RT: 8.40 min Scan# 921

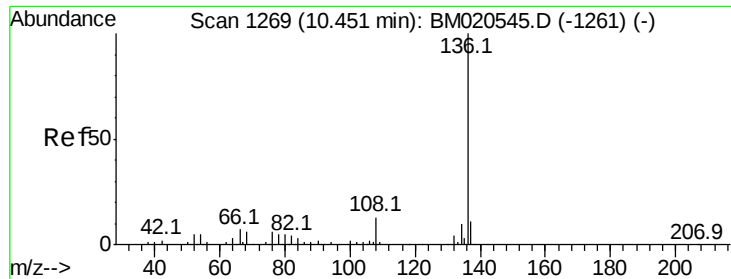
Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		119210		
108	92.3	66.5	106.5		
77	48.2	23.0	63.0		
79	43.9	18.2	58.2		





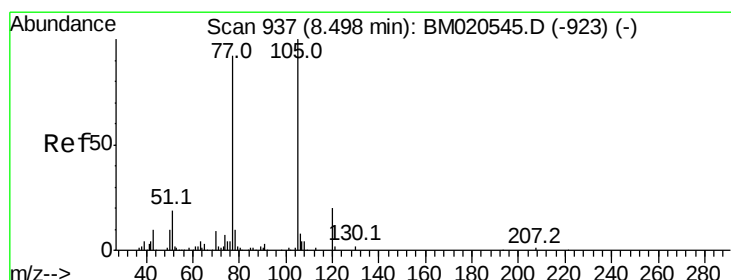
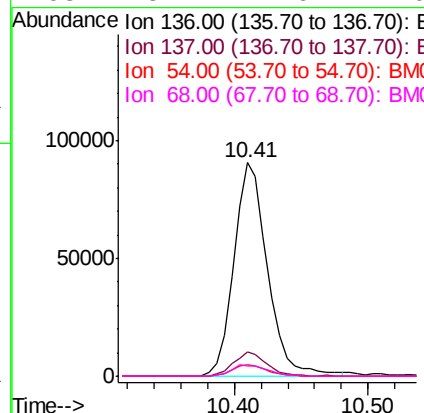
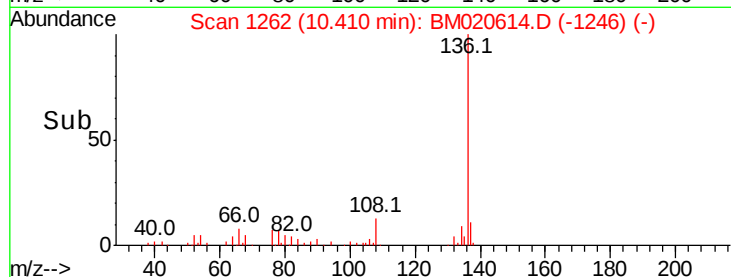
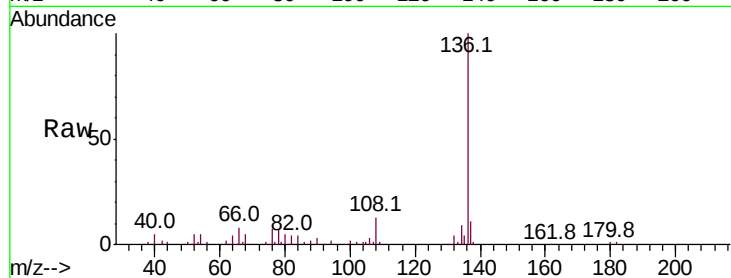
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	158976		
137	11.4		8.4	12.6
54	5.3		4.2	6.4
68	5.1		4.6	7.0

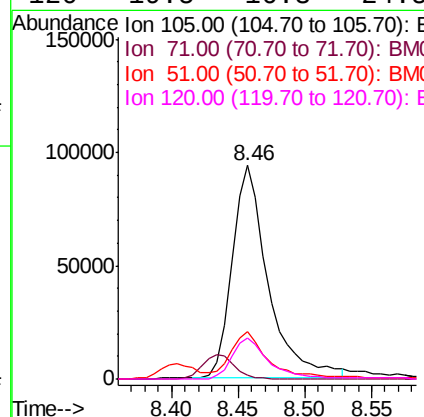
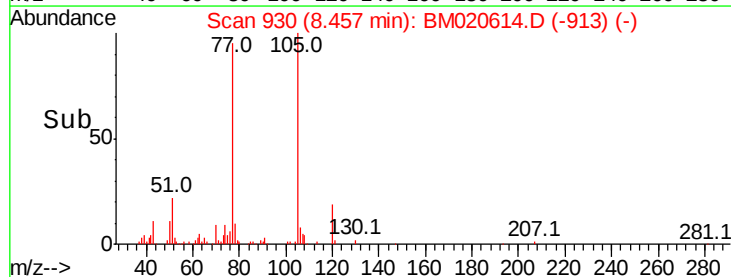
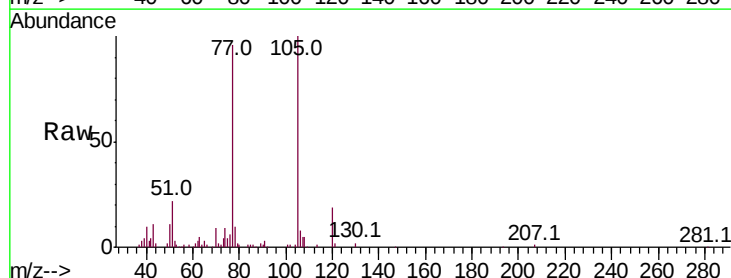
Manual Integrations
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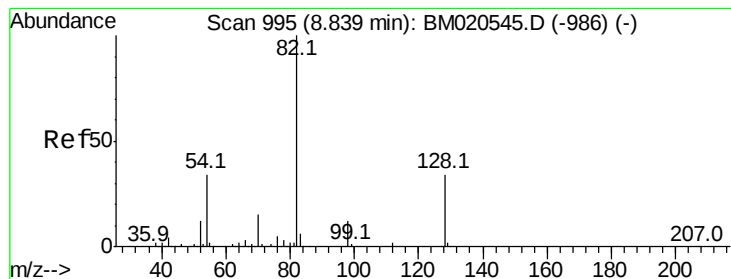
mohammad
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#22
Acetophenone
Concen: 40.547 ng
RT: 8.46 min Scan# 930
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	177505		
71	1.6		1.3	1.9
51	22.1		15.7	23.5
120	19.5		16.3	24.5





#23

Nitrobenzene-d5

Concen: 90.902 ng

RT: 8.80 min Scan# 988

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

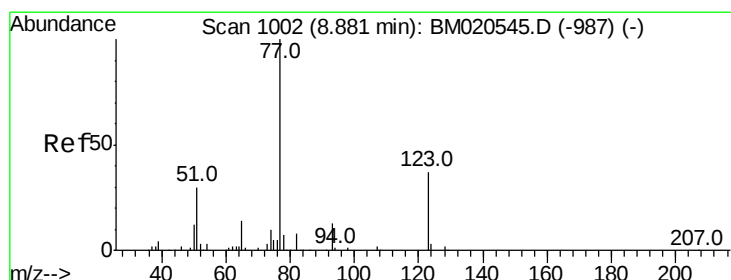
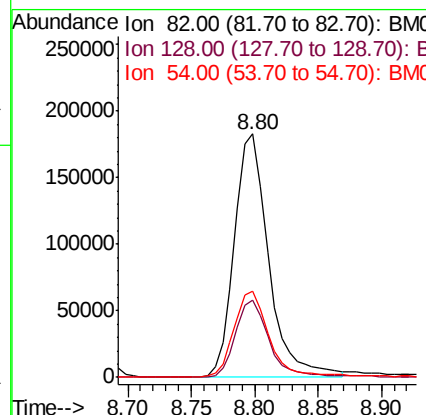
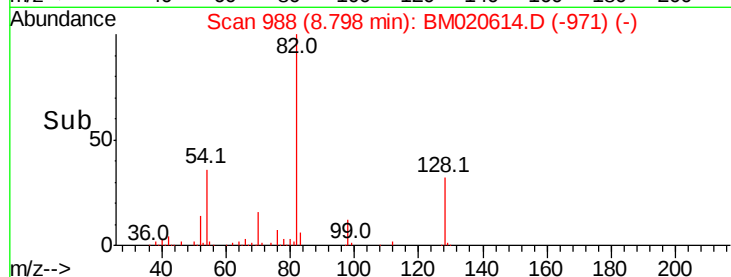
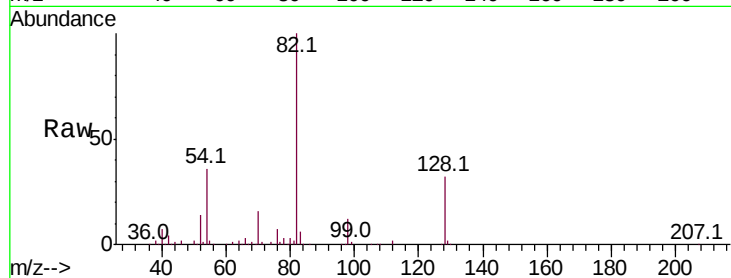
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	344299
Ion Ratio	Lower	Upper	
82	100		
128	31.6	27.0	40.4
54	35.5	27.4	41.2

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#24

Nitrobenzene

Concen: 44.679 ng

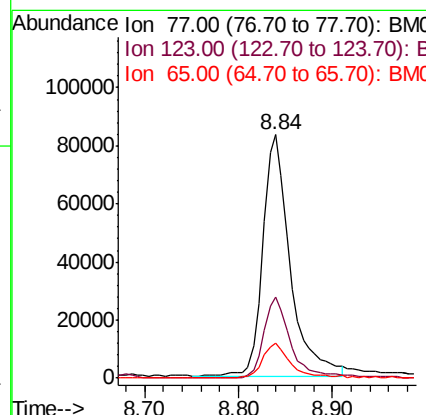
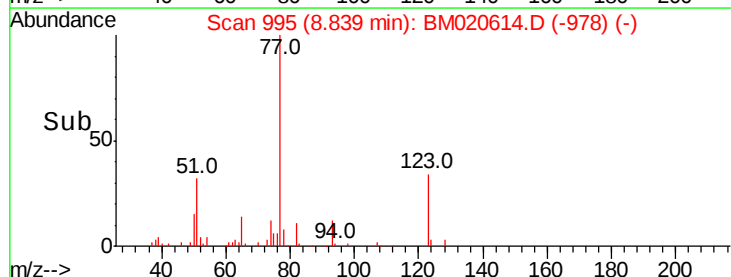
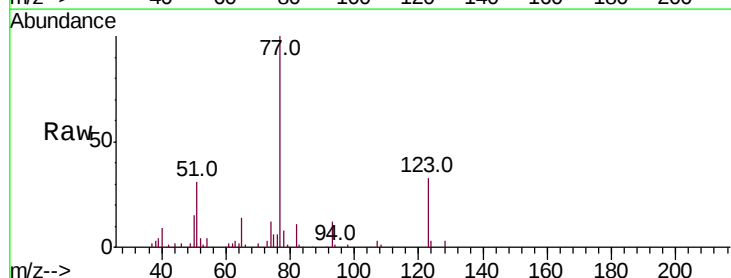
RT: 8.84 min Scan# 995

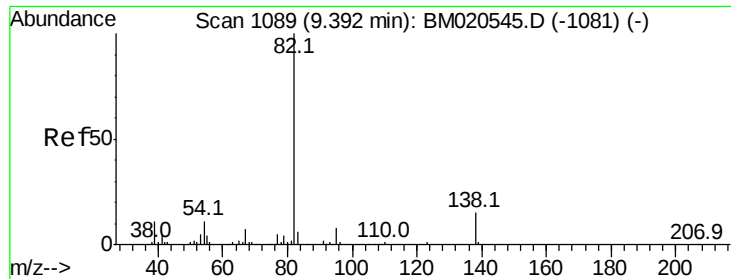
Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	77	Resp:	167126
Ion Ratio	Lower	Upper	
77	100		
123	33.2	29.4	44.2
65	14.2	10.8	16.2





#25

Isophorone

Concen: 42.056 ng

RT: 9.35 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

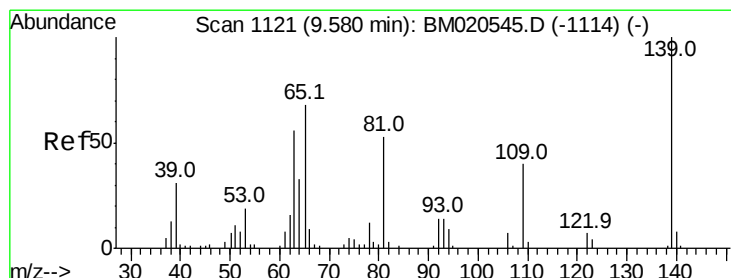
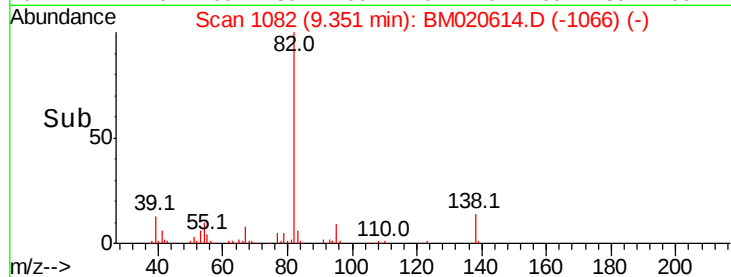
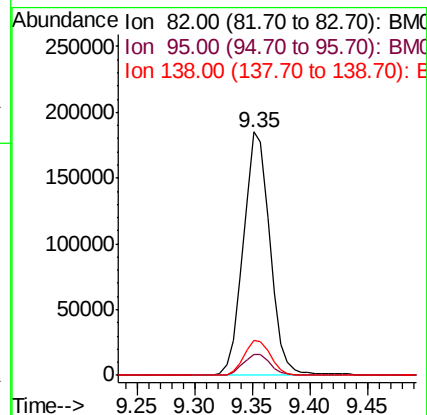
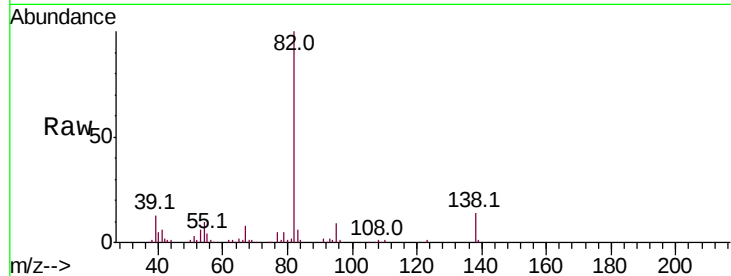
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	296393
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.7	10.1
138	14.2	12.0	18.0

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#26

2-Nitrophenol

Concen: 37.568 ng

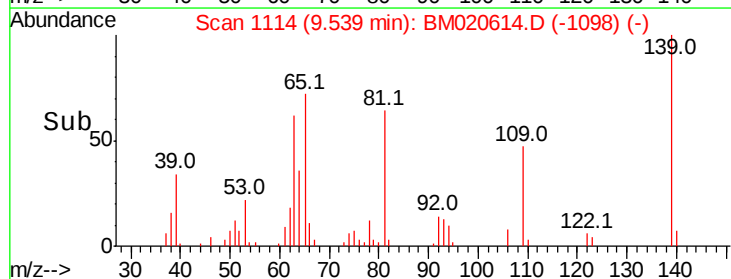
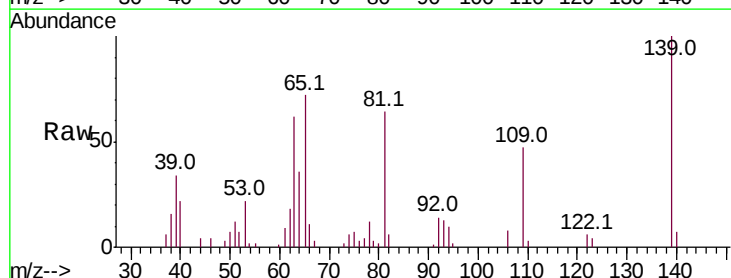
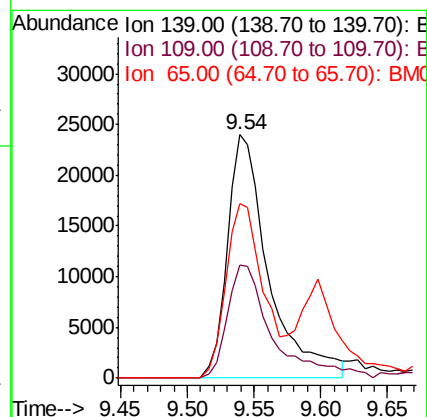
RT: 9.54 min Scan# 1114

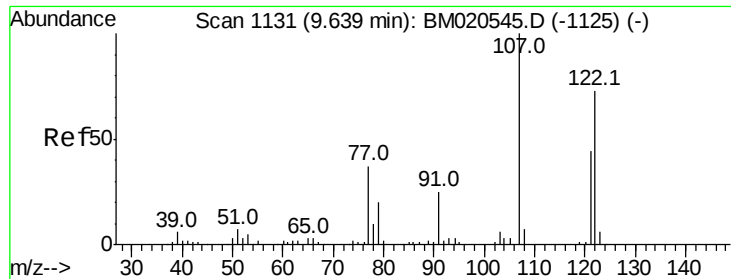
Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	139	Resp:	51851
Ion Ratio	Lower	Upper	
139	100		
109	46.5	32.3	48.5
65	71.5	54.4	81.6





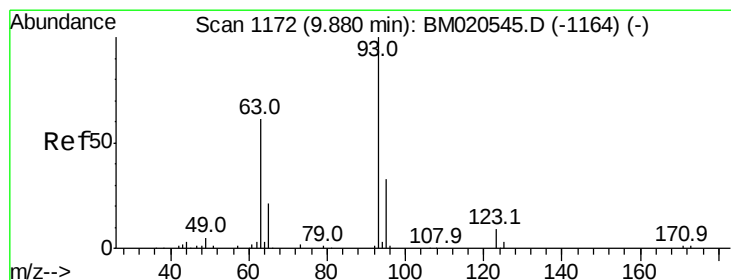
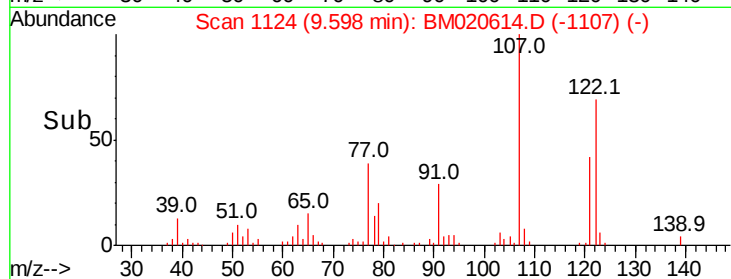
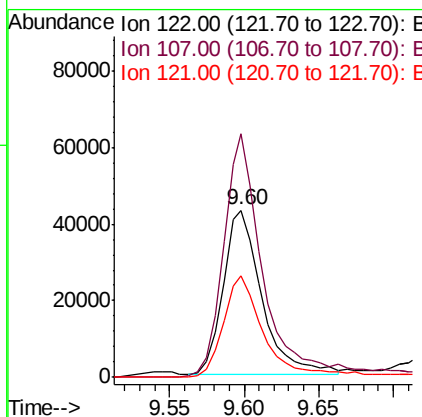
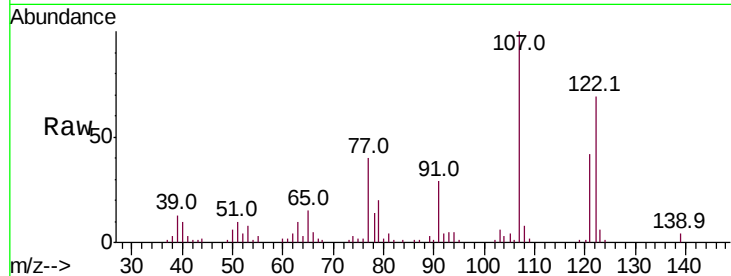
#27
2,4-Dimethylphenol
Concen: 38.077 ng
RT: 9.60 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.0	108.2	162.2
121	61.1	47.4	71.0

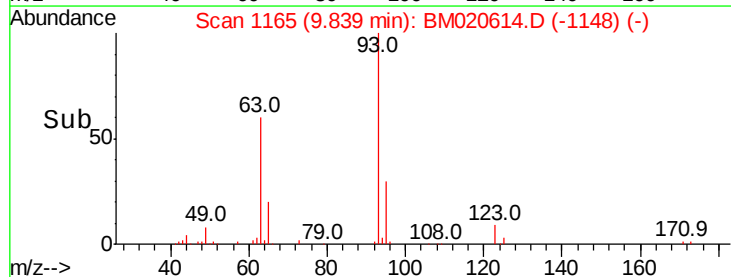
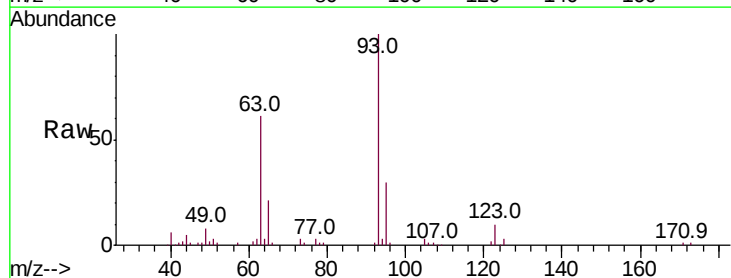
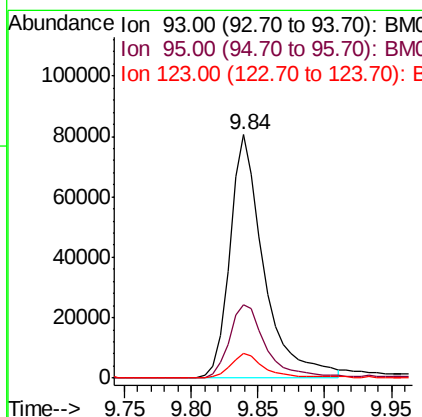
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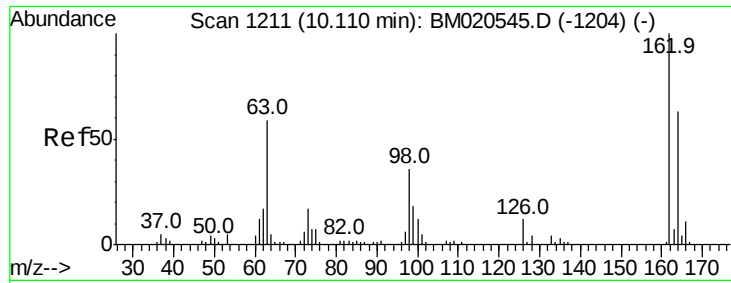
mohammad
5/30/2019 8:16:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.040 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.4	26.1	39.1
123	10.2	8.1	12.1





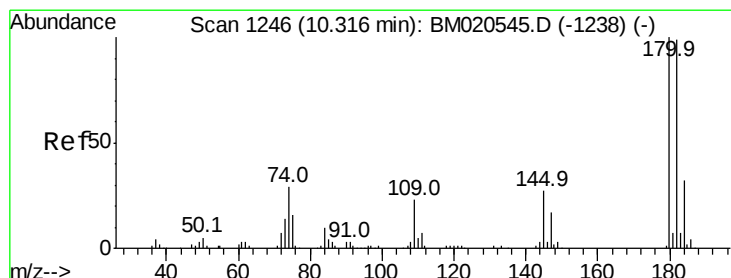
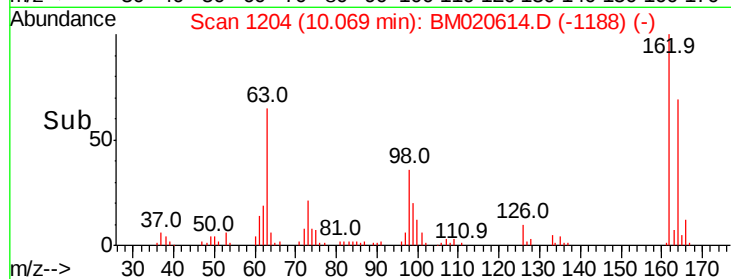
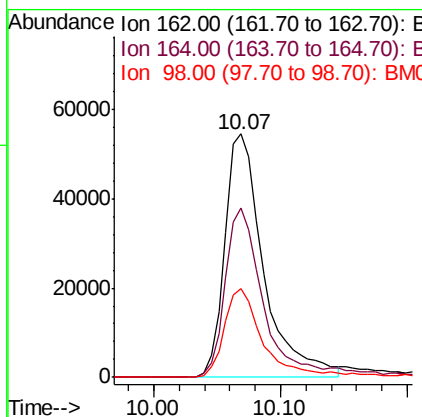
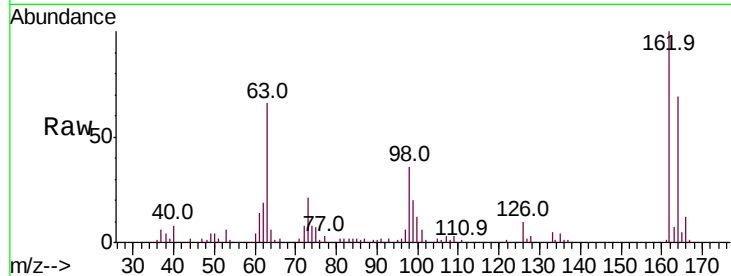
#29
 2,4-Dichlorophenol
 Concen: 42.398 ng
 RT: 10.07 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	115941
Ion Ratio	Lower	Upper	
162	100		
164	69.5	43.1	83.1
98	36.4	16.2	56.2

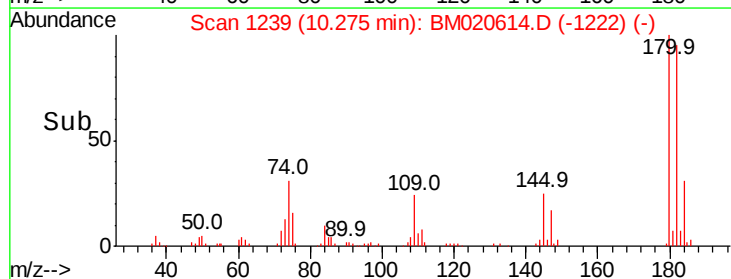
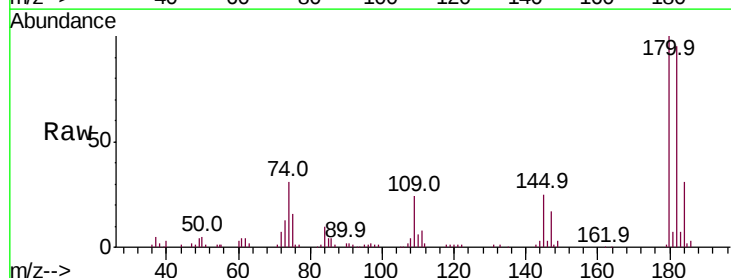
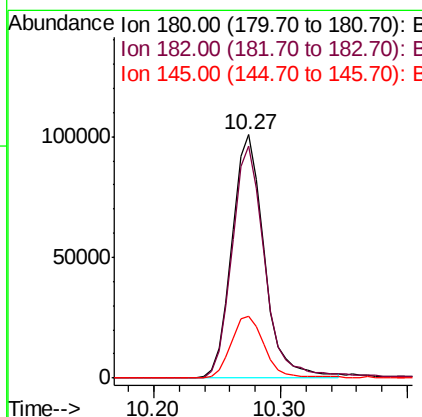
Manual Integrations
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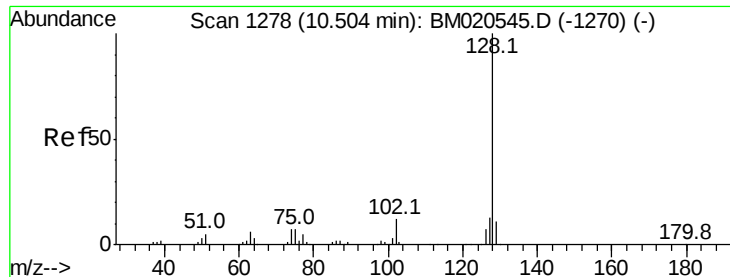
mohammad
 5/30/2019 8:16:54 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.685 ng
 RT: 10.27 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion:	180	Resp:	178294
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.8	118.2
145	25.2	21.3	31.9





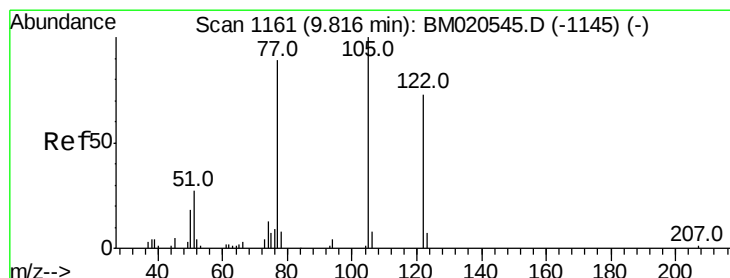
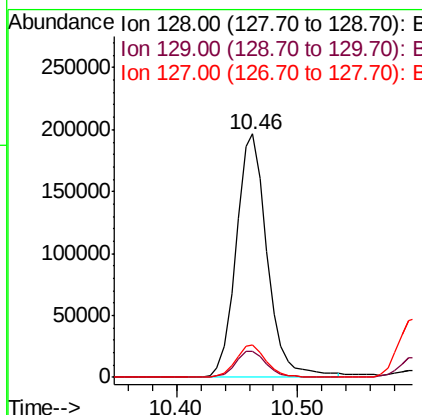
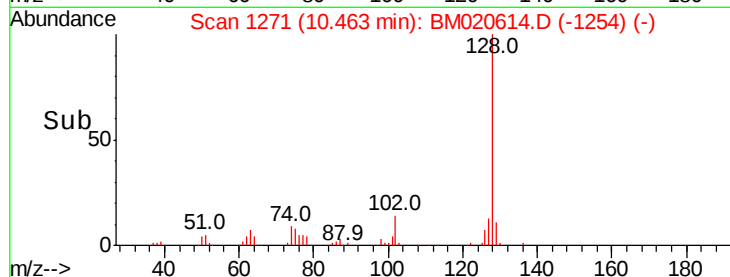
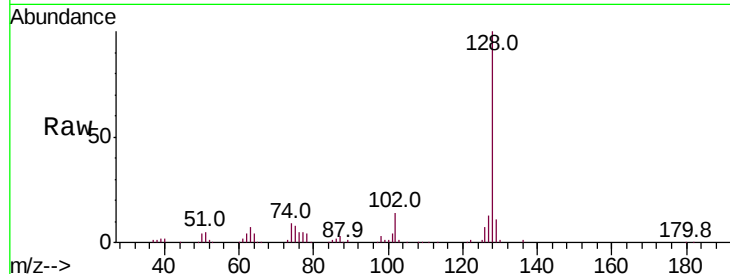
#31
Naphthalene
Concen: 43.012 ng
RT: 10.46 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.2	10.4	15.6

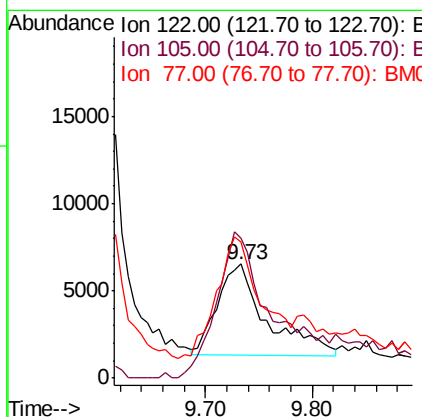
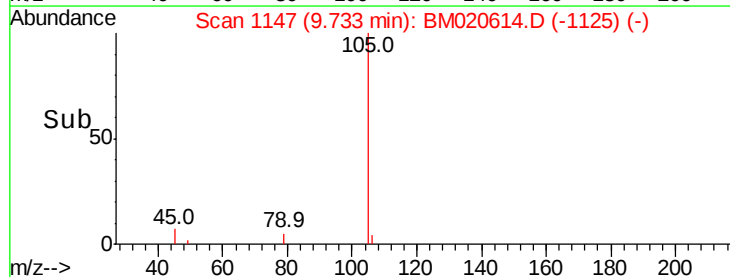
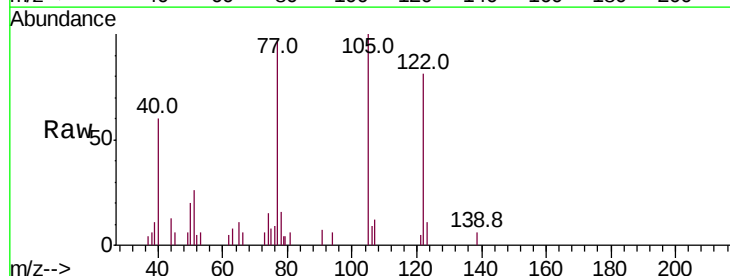
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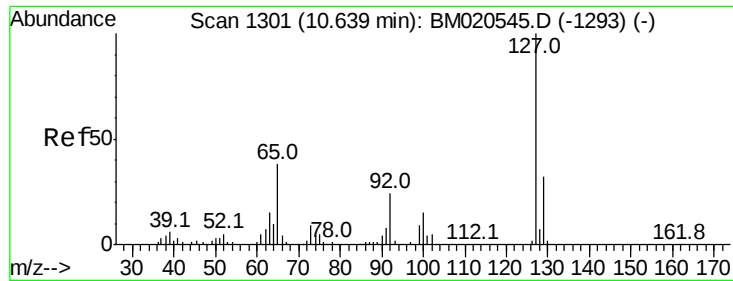
mohammad
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#32
Benzoic acid
Concen: 19.843 ng m
RT: 9.73 min Scan# 1147
Delta R.T. 0.03 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	108.8	148.8
77	119.5	97.8	137.8





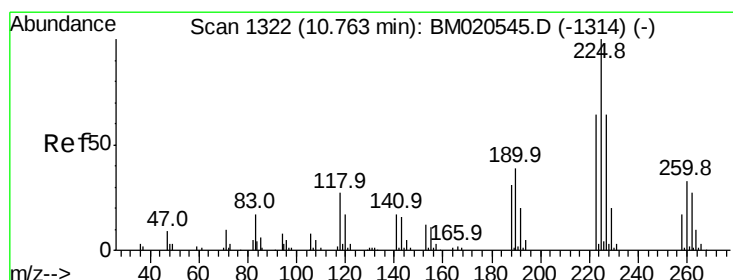
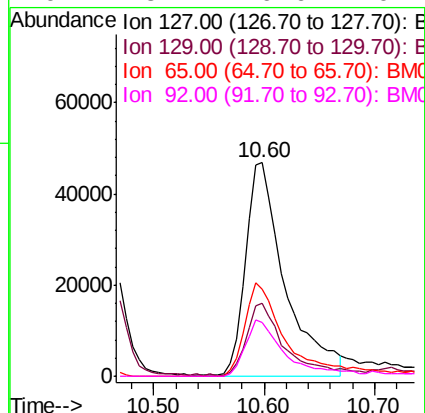
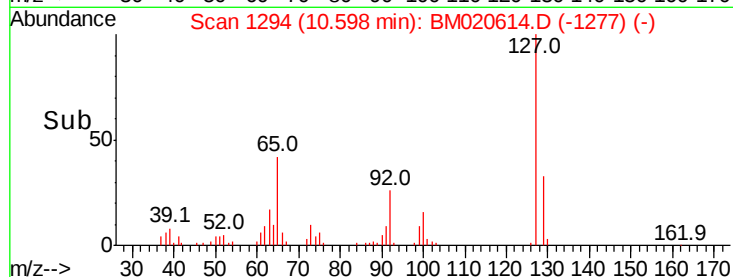
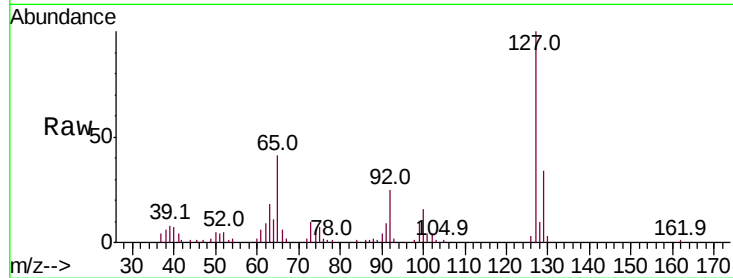
#33
4-Chloroaniline
Concen: 35.962 ng
RT: 10.60 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.3	25.4	38.2	
65	40.9	30.6	45.8	
92	25.2	19.6	29.4	

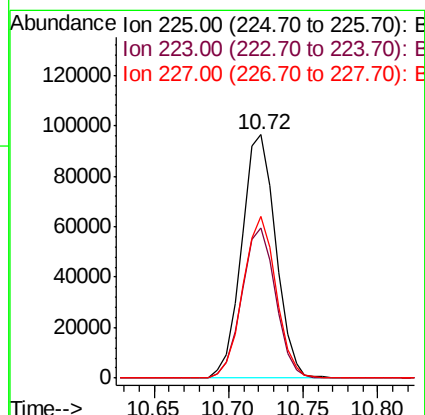
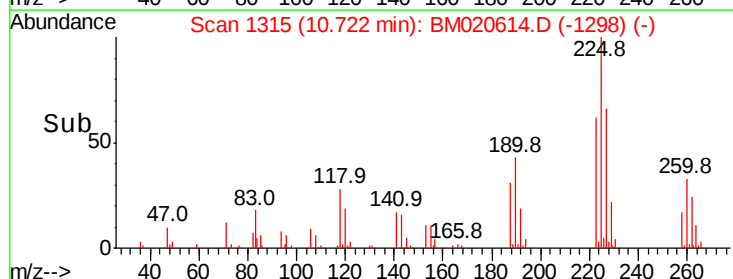
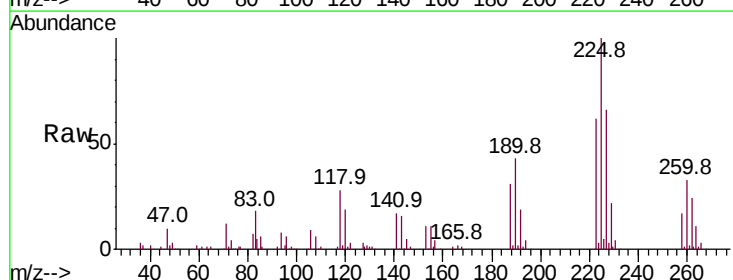
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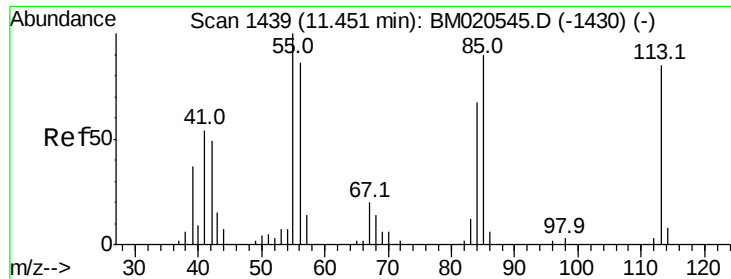
mohammad
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#34
Hexachlorobutadiene
Concen: 54.893 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	51.4	77.0	
227	66.2	51.0	76.6	





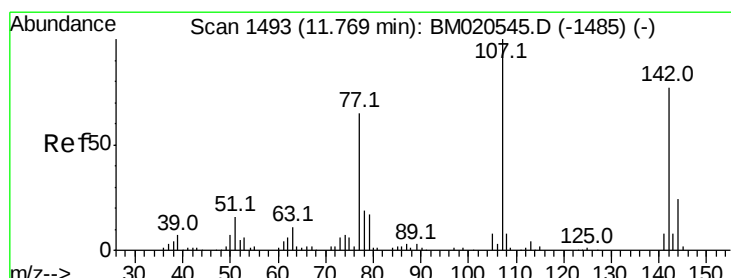
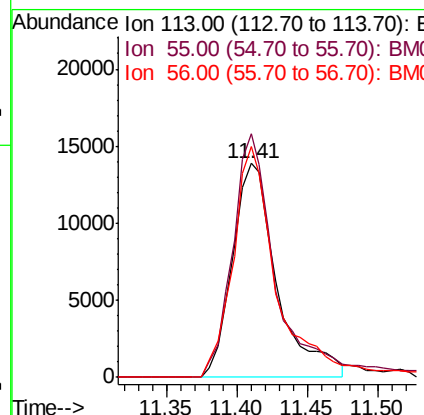
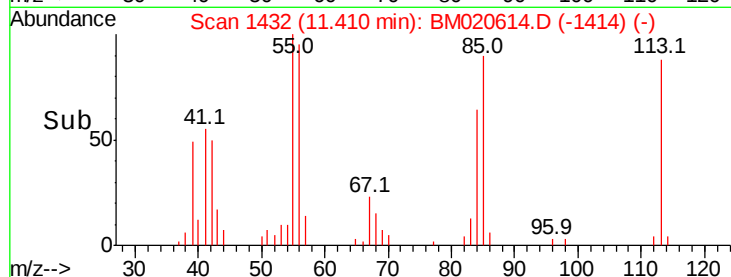
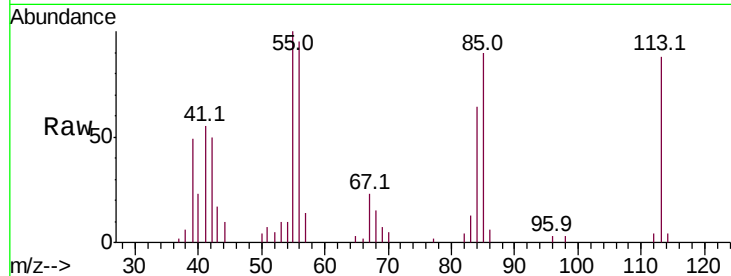
#35
 Caprolactam
 Concen: 34.094 ng
 RT: 11.41 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	113.8	97.6	137.6
56	108.0	81.6	121.6

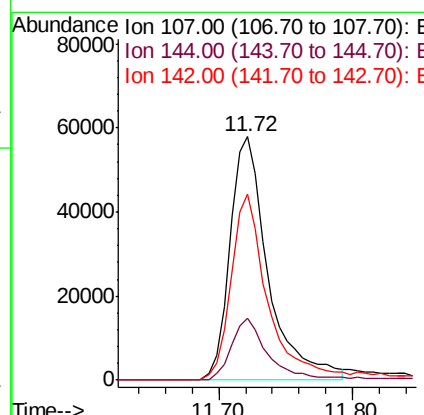
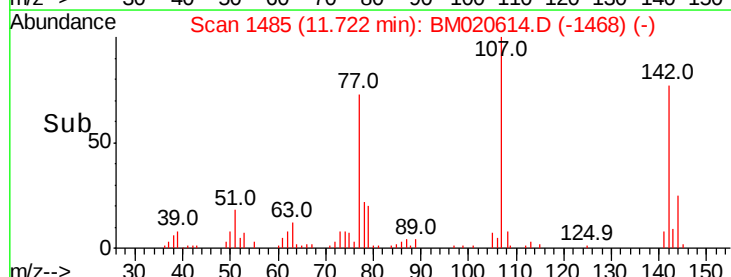
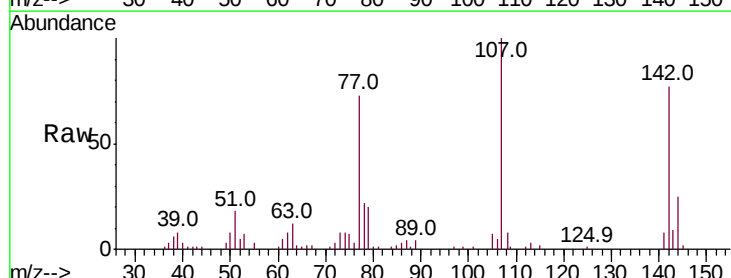
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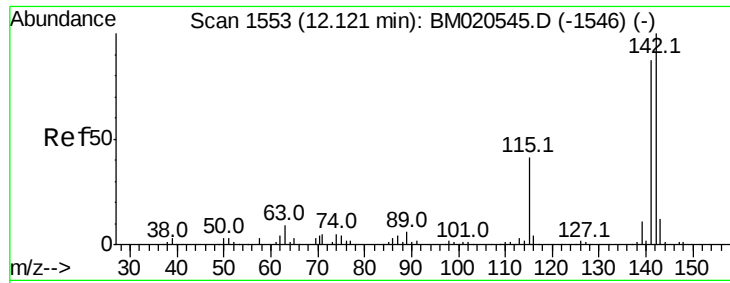
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.027 ng
 RT: 11.72 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.0	28.6
142	76.5	61.3	91.9





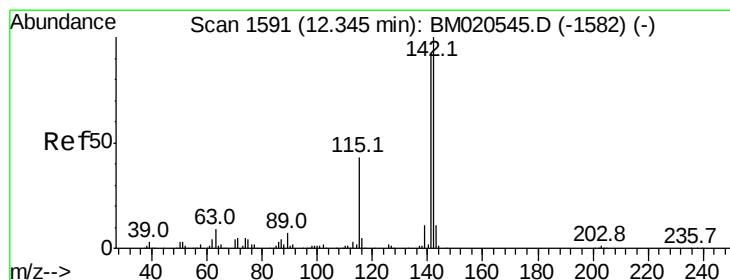
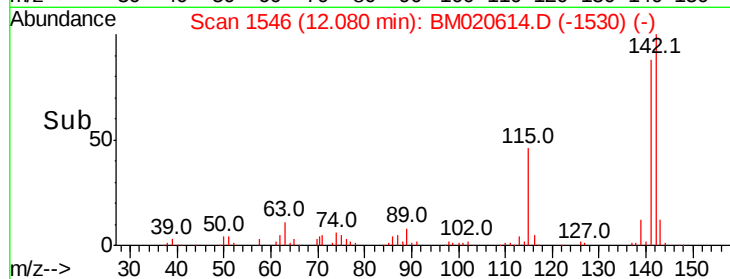
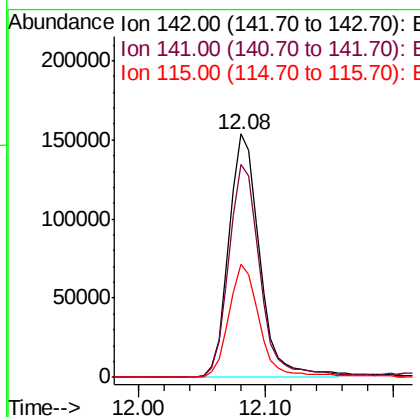
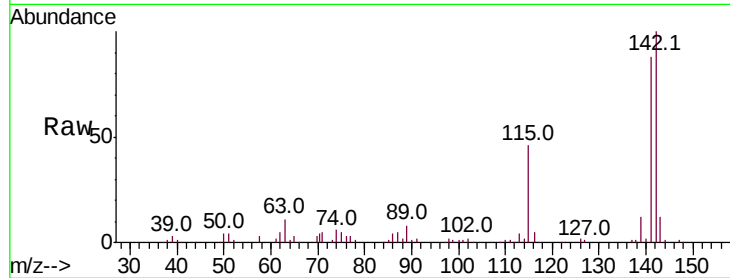
#37
 2-Methylnaphthalene
 Concen: 41.550 ng
 RT: 12.08 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.9	104.9
115	46.2	32.9	49.3

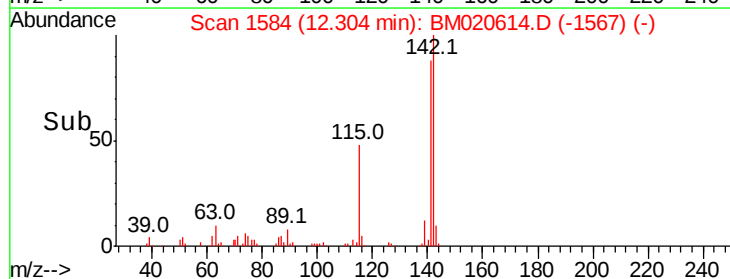
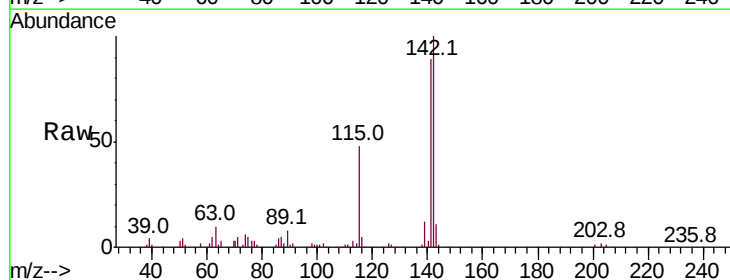
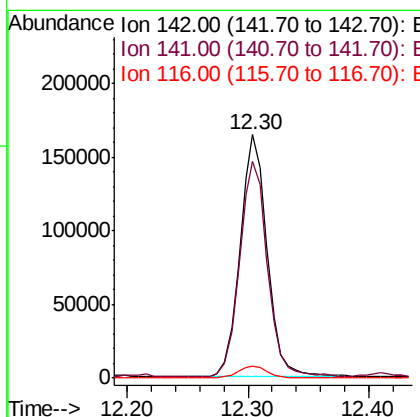
Manual Integrations
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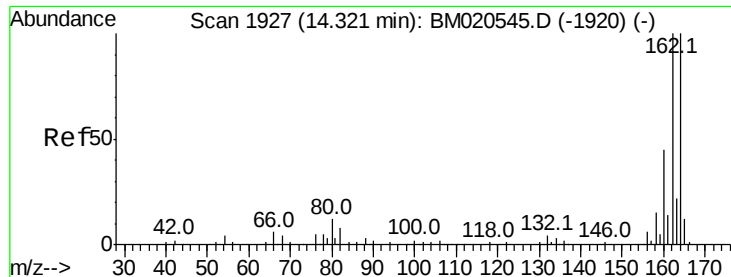
mohammad
 5/30/2019 8:16:54 AM



#38
 1-Methylnaphthalene
 Concen: 42.430 ng
 RT: 12.30 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.7	110.5
116	5.0	3.7	5.5





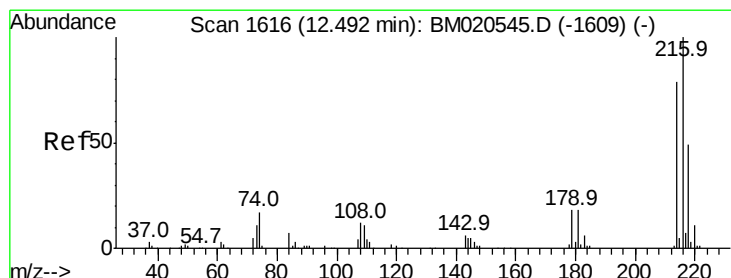
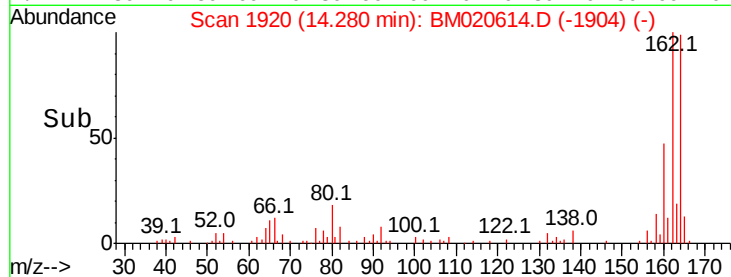
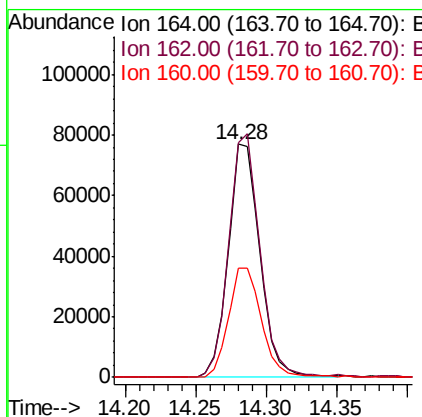
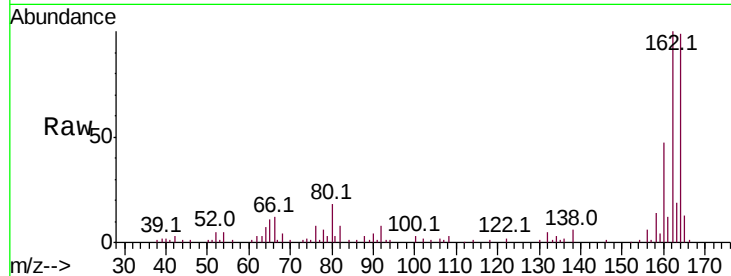
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.8
160	46.9	35.9	53.9

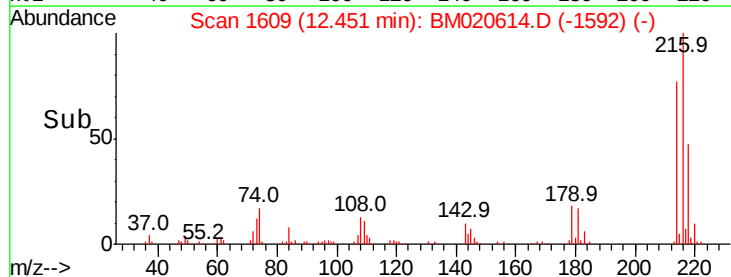
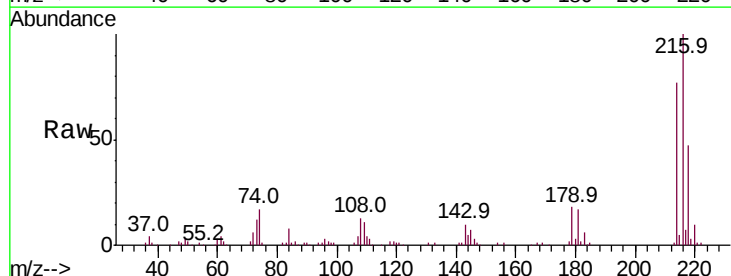
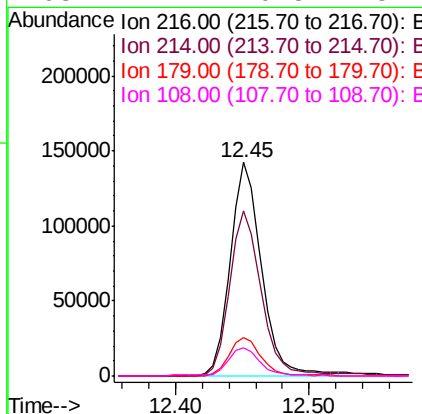
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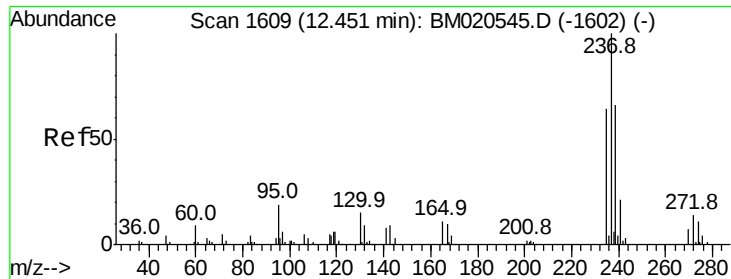
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.016 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.6
179	18.6	14.8	22.2
108	14.2	10.5	15.7





#41

Hexachlorocyclopentadiene

Concen: 22.888 ng

RT: 12.41 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

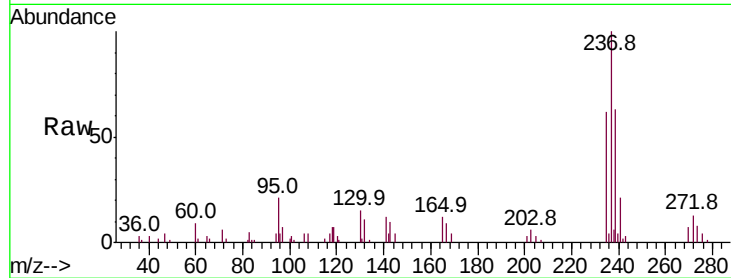
ClientSampleId :

SSTDCCC040

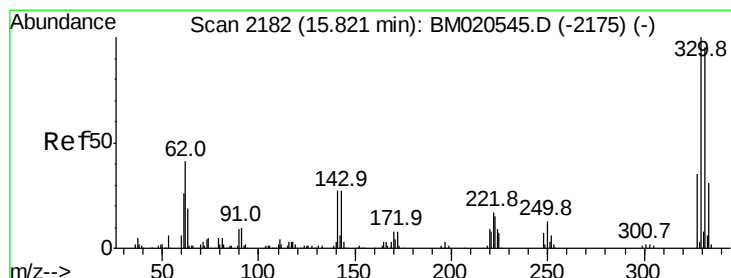
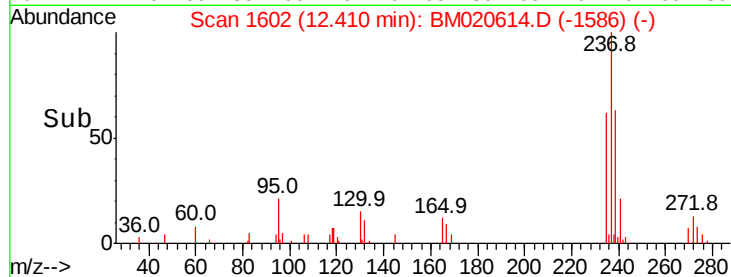
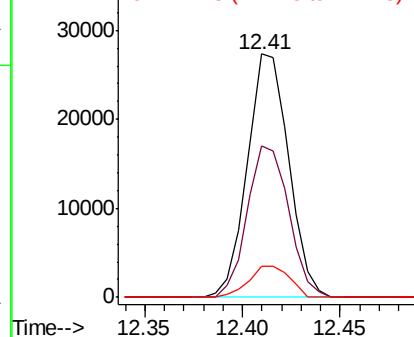
Tot Ion:	237	Resp:	40280
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.5	83.5
272	13.0	0.0	33.9

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



#42

2,4,6-Tribromophenol

Concen: 89.391 ng

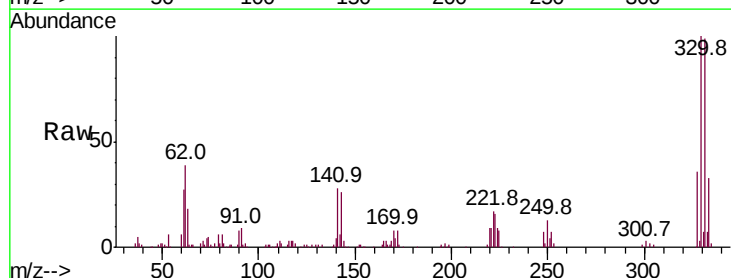
RT: 15.79 min Scan# 2176

Delta R.T. -0.00 min

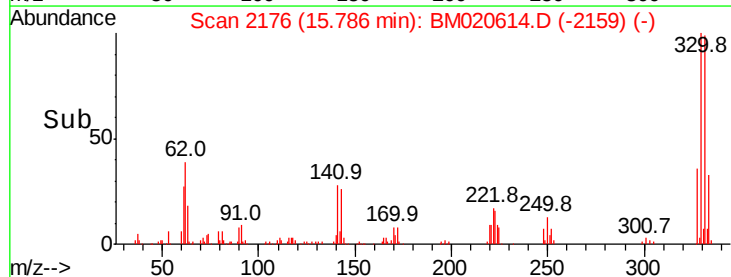
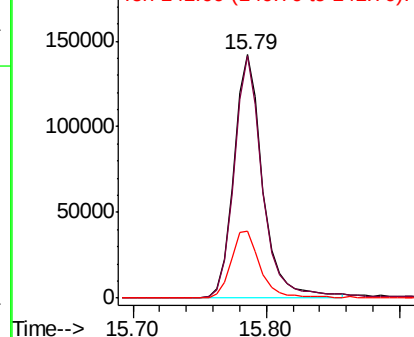
Lab File: BM020614.D

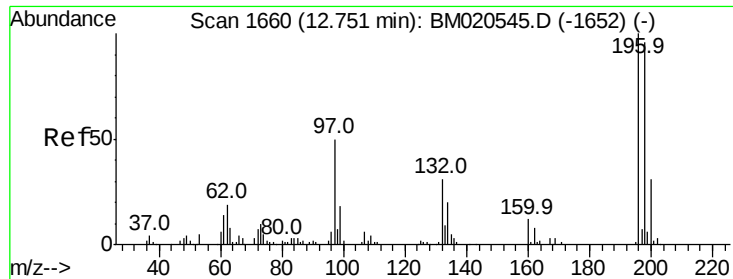
Acq: 30 May 2019 01:17

Tgt Ion:	330	Resp:	215337
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.5	116.3
141	28.3	21.7	32.5



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





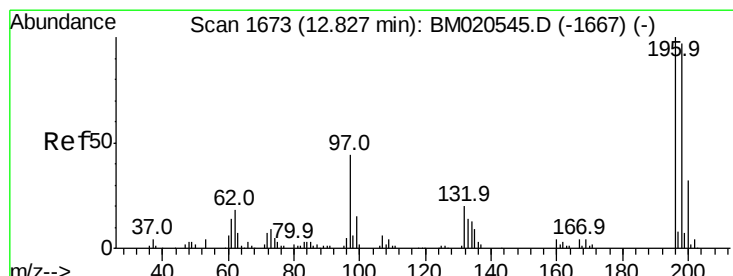
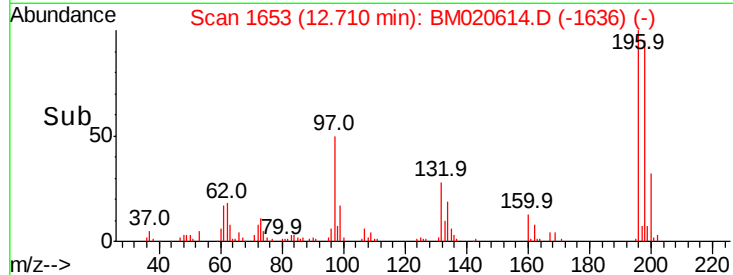
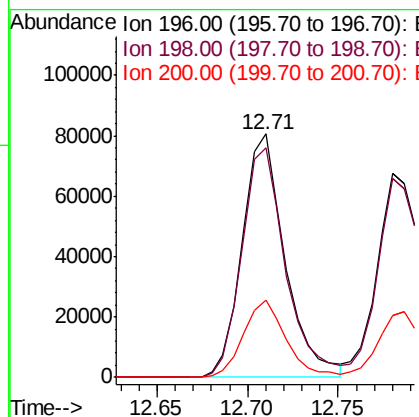
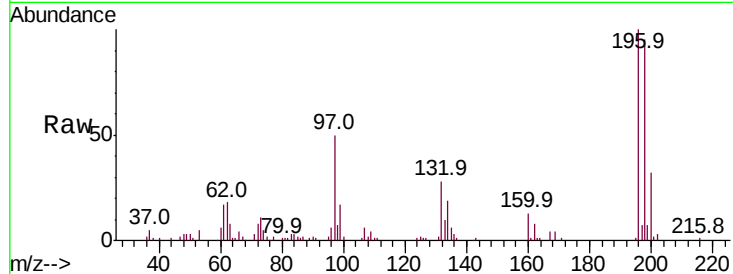
#43
 2,4,6-Trichlorophenol
 Concen: 42.431 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	132721
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.4	114.6
200	32.0	25.0	37.4

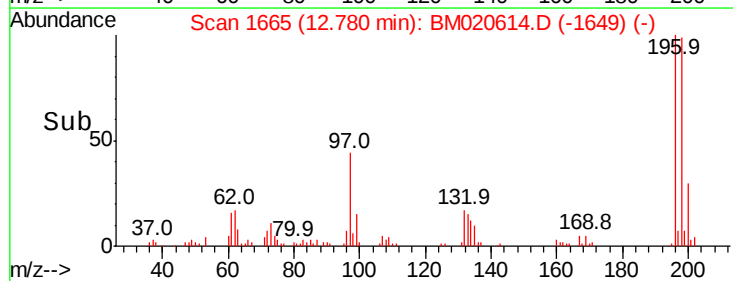
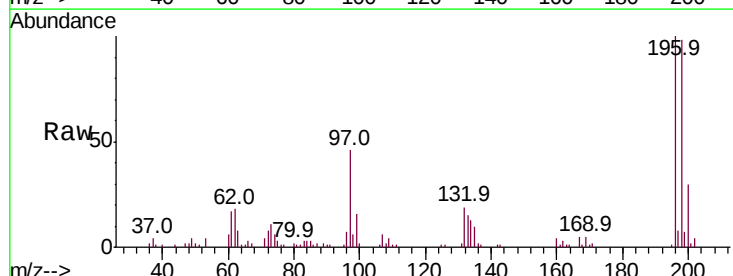
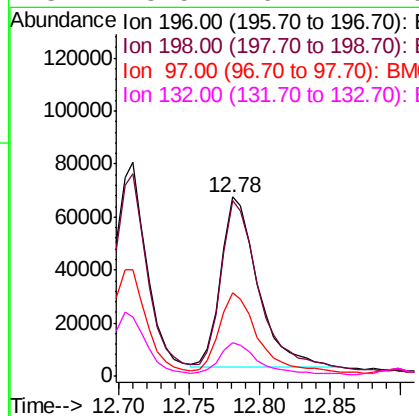
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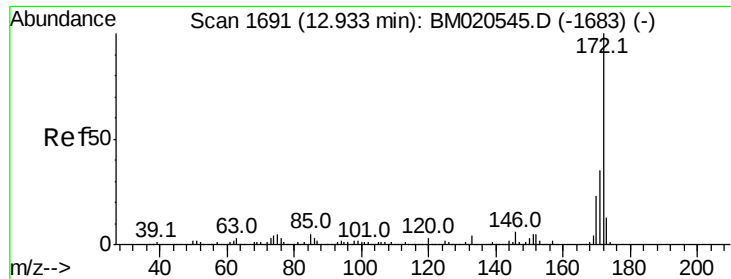
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.782 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion:	196	Resp:	119123
Ion Ratio	Lower	Upper	
196	100		
198	97.7	77.6	116.4
97	46.4	35.4	53.0
132	18.5	16.4	24.6





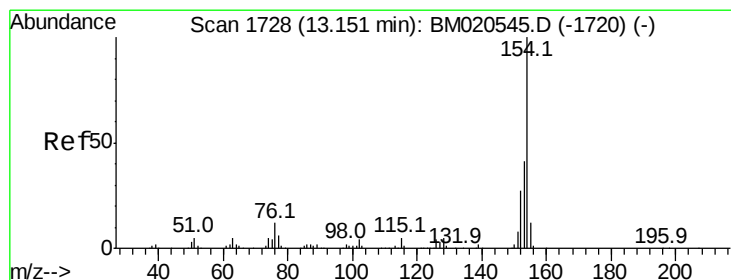
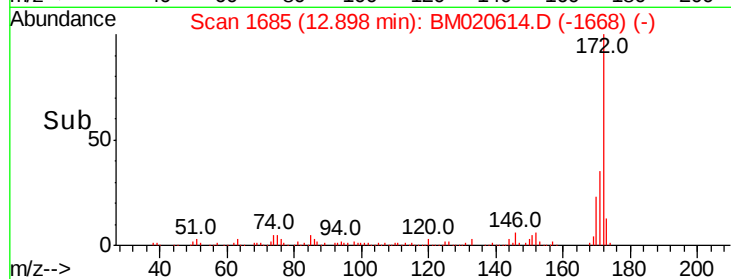
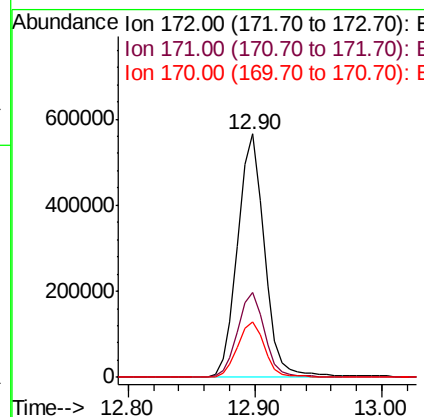
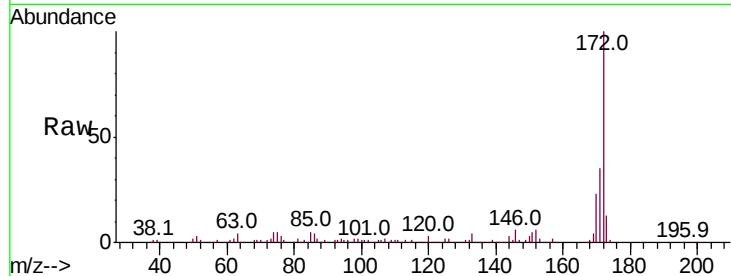
#45
2-Fluorobiphenyl
Concen: 87.062 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	22.5	18.2	27.4

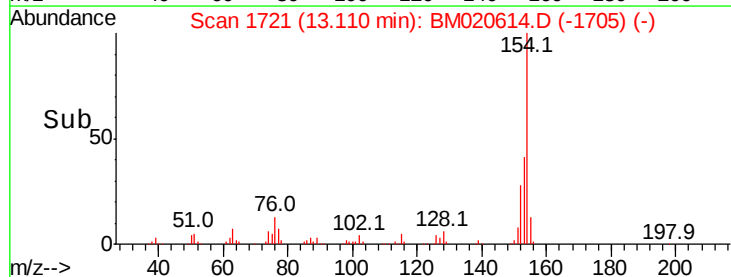
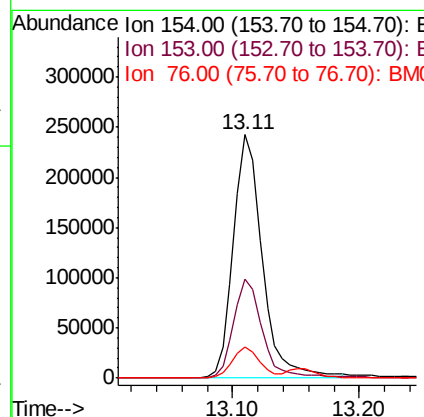
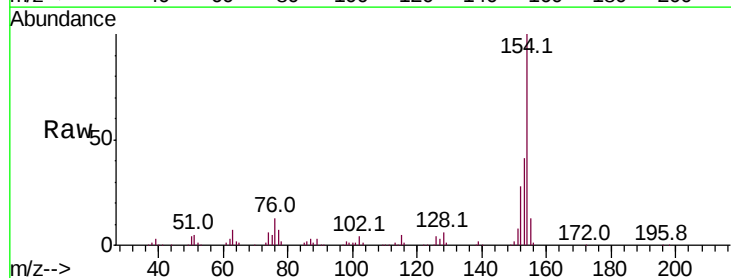
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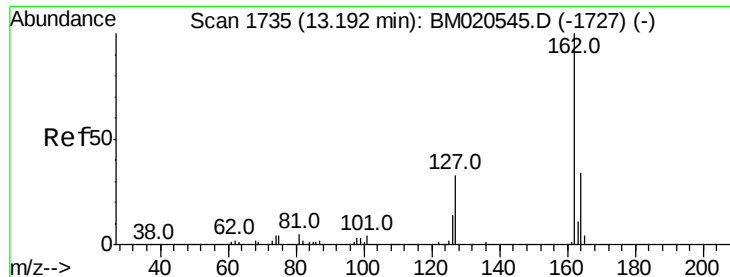
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#46
1,1'-Biphenyl
Concen: 41.549 ng
RT: 13.11 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	13.0	0.0	32.2





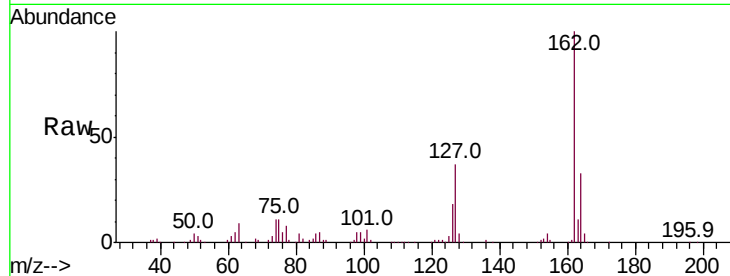
#47
2-Chloronaphthalene
Concen: 42.484 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

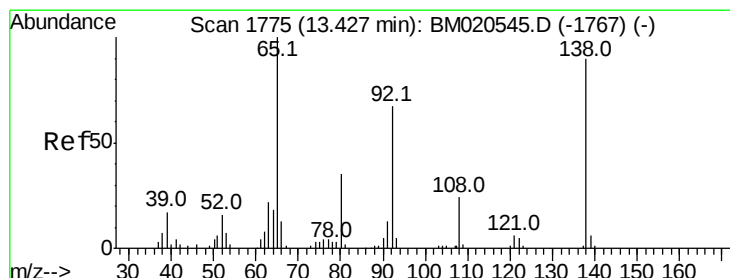
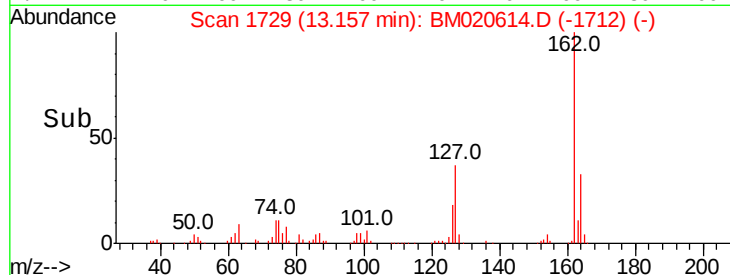
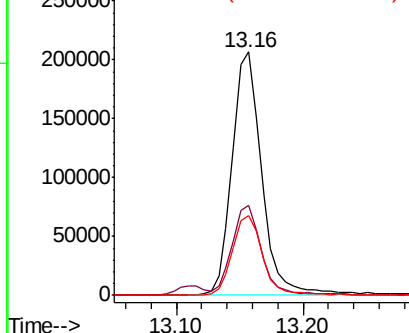
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	29.2	43.8
164	33.0	27.4	41.2

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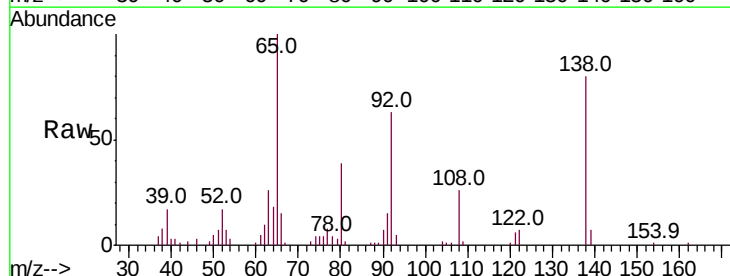


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

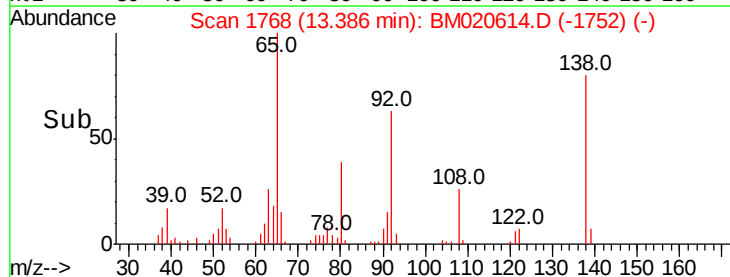
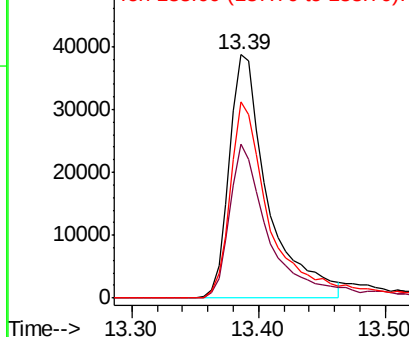


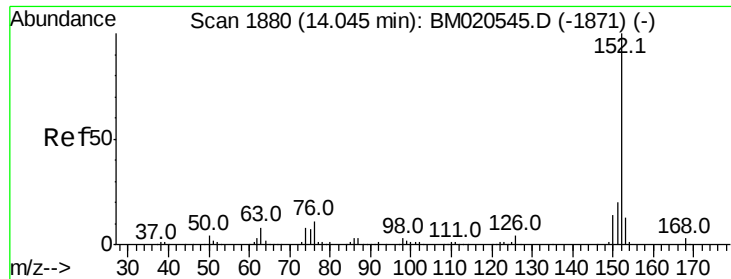
#48
2-Nitroaniline
Concen: 34.919 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	53.6	80.4
138	80.4	72.0	108.0



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





#49

Acenaphthylene

Concen: 40.958 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

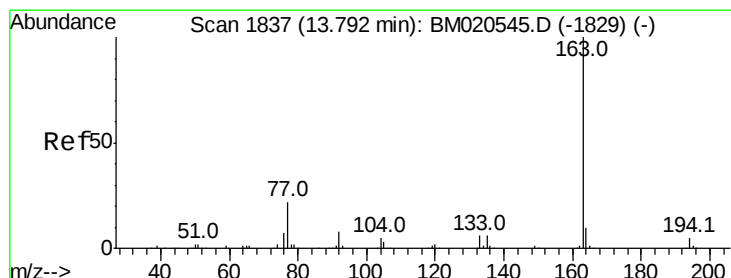
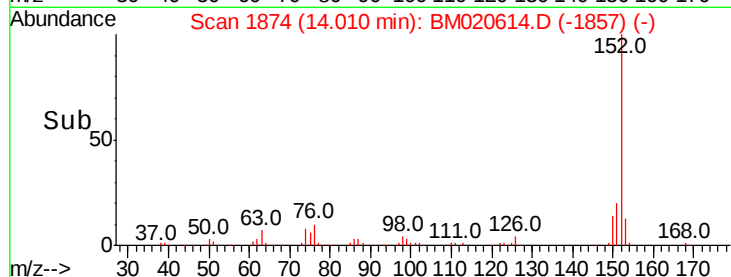
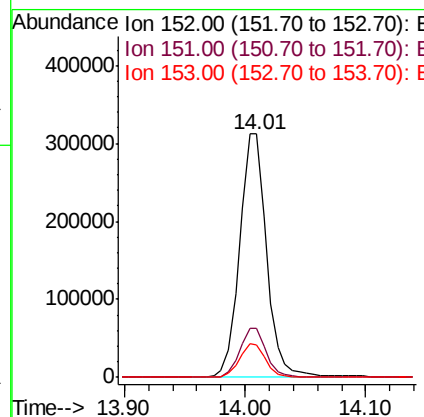
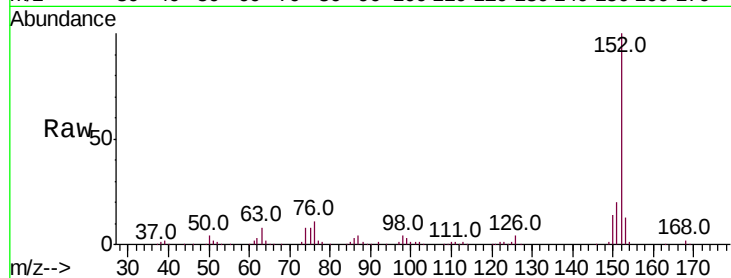
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	488963
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.7	23.5
153	13.2	10.2	15.2

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#50

Dimethylphthalate

Concen: 41.415 ng

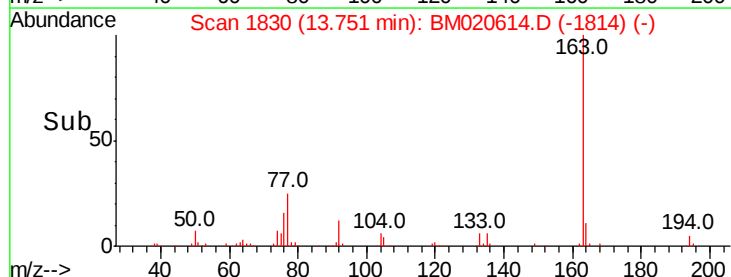
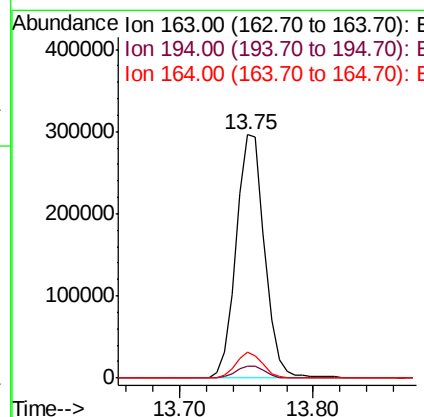
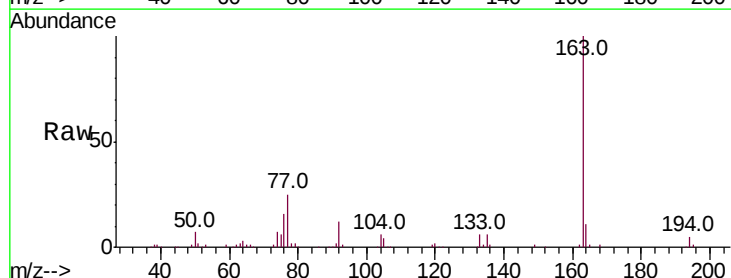
RT: 13.75 min Scan# 1830

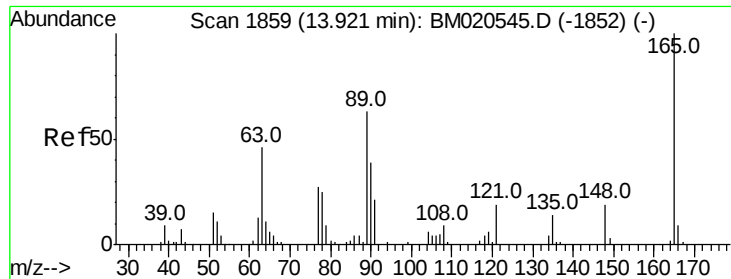
Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	163	Resp:	441078
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.6	8.0	12.0





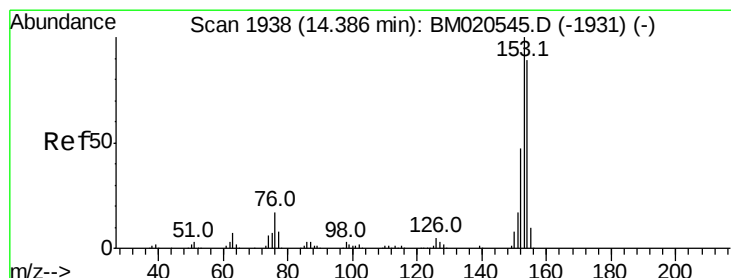
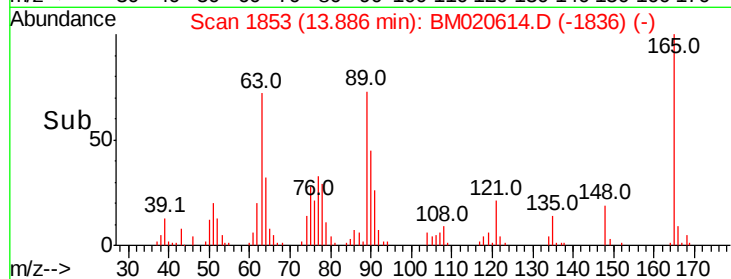
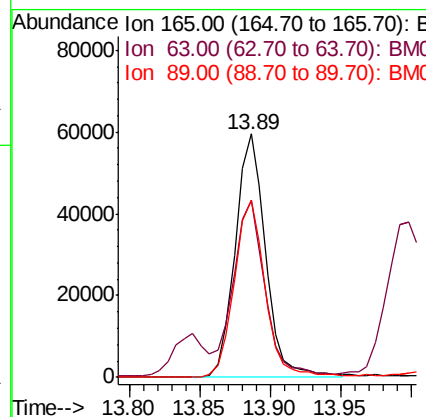
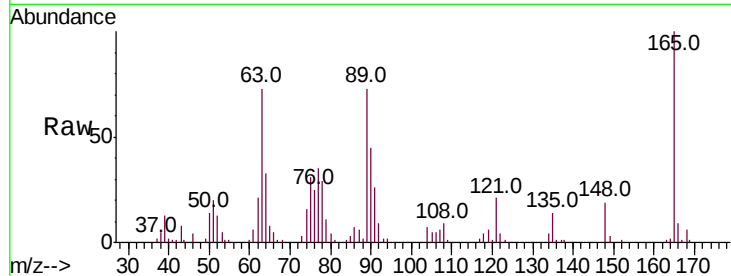
#51
 2,6-Dinitrotoluene
 Concen: 40.167 ng
 RT: 13.89 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.9	49.6	74.4	
89	72.6	50.8	76.2	

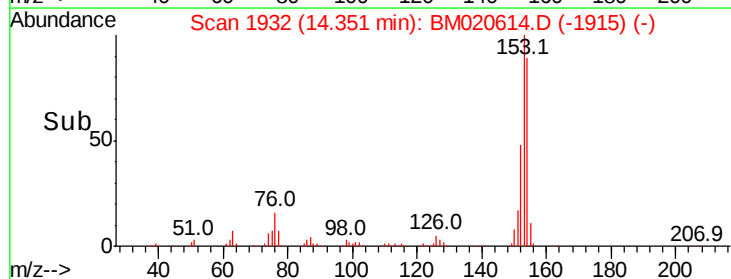
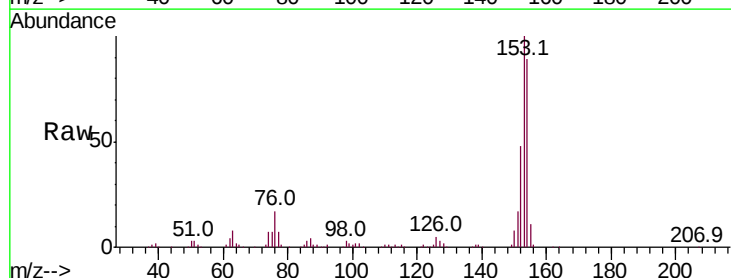
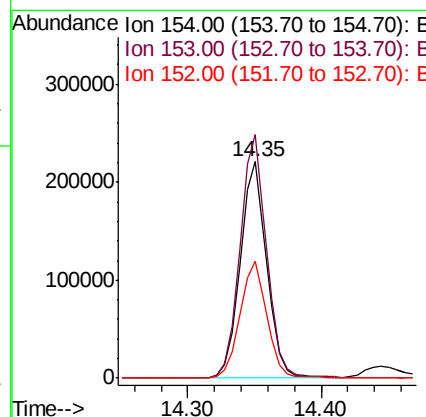
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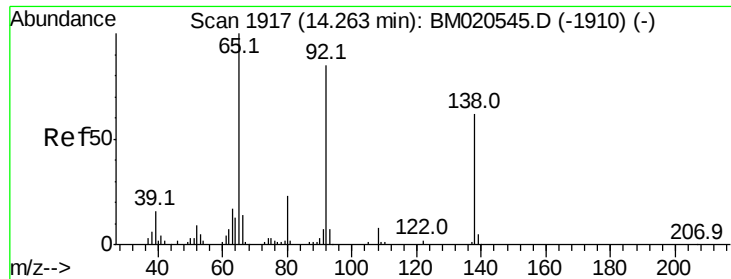
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#52
 Acenaphthene
 Concen: 42.225 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.4	90.2	135.4	
152	53.9	42.0	63.0	





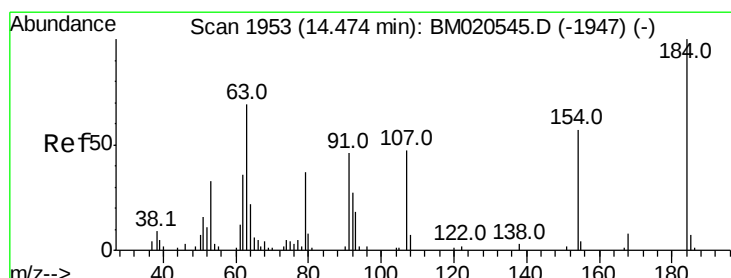
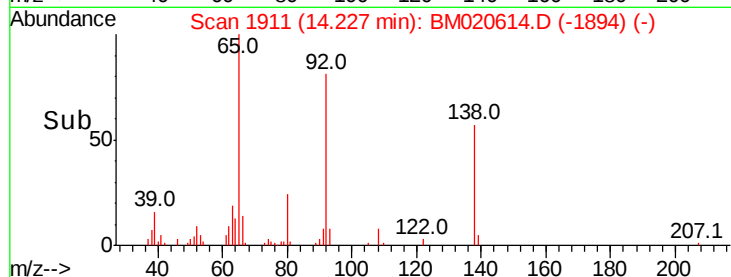
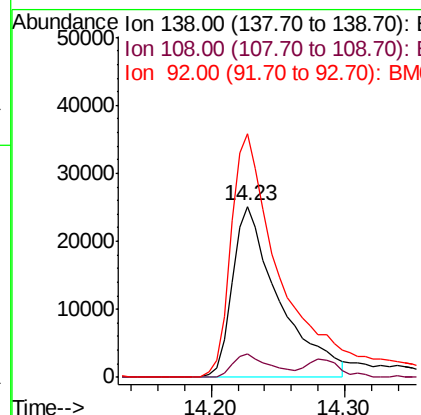
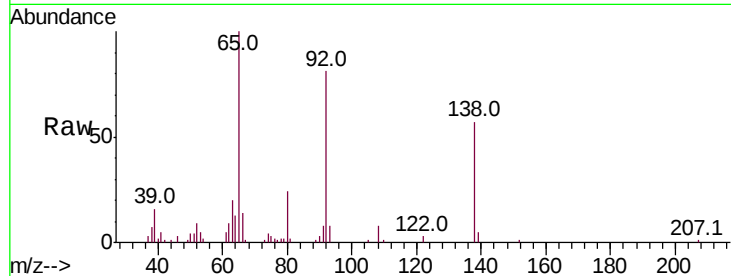
#53
3-Nitroaniline
Concen: 32.951 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 61260
Ion Ratio Lower Upper
138 100
108 13.5 10.1 15.1
92 142.6 109.5 164.3

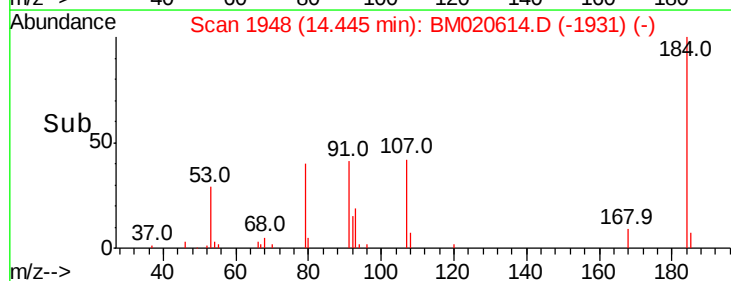
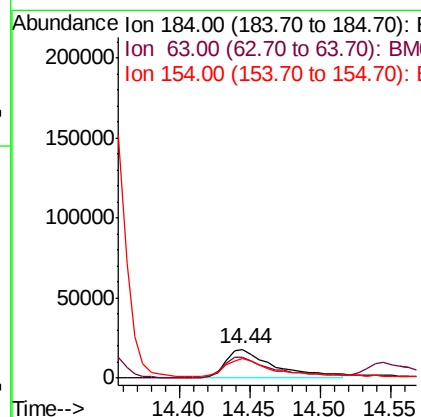
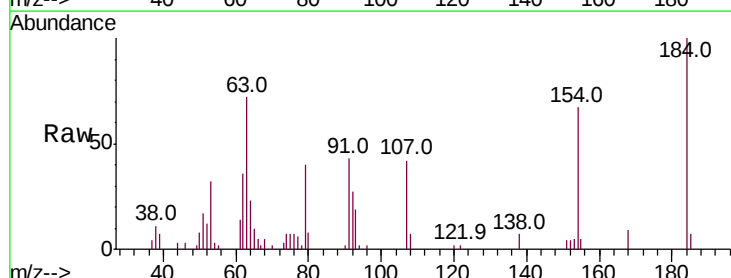
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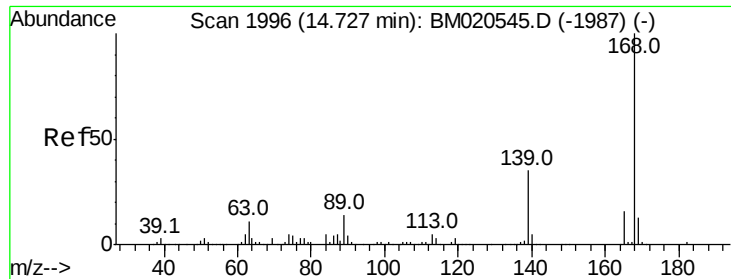
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#54
2,4-Dinitrophenol
Concen: 36.733 ng
RT: 14.44 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion:184 Resp: 43211
Ion Ratio Lower Upper
184 100
63 72.1 56.3 84.5
154 67.1 49.0 73.6





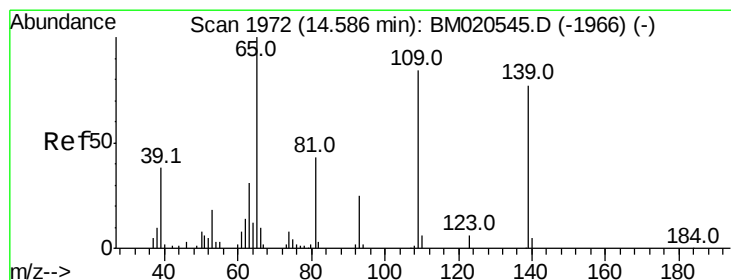
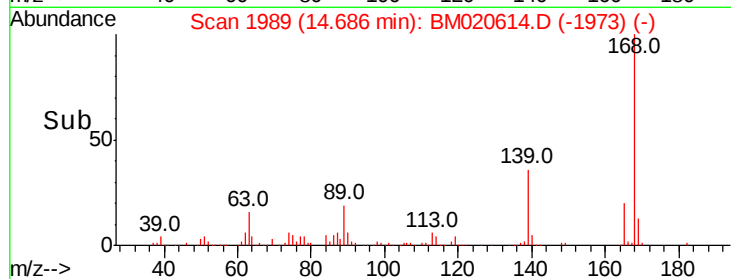
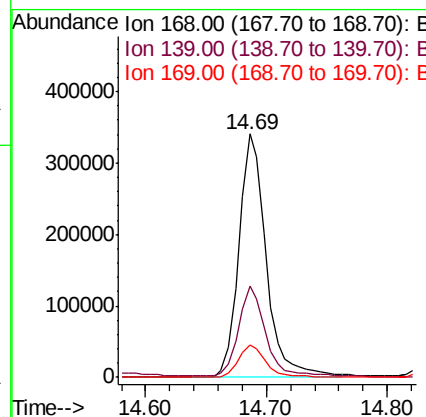
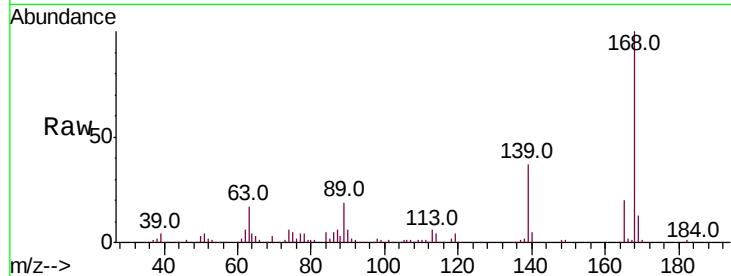
#55
Dibenzenofuran
Concen: 43.364 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	28.2	42.4
169	13.1	10.6	16.0

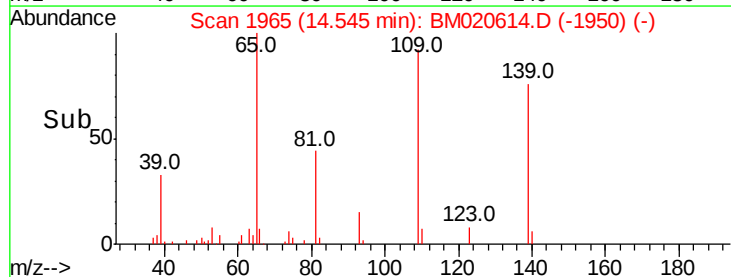
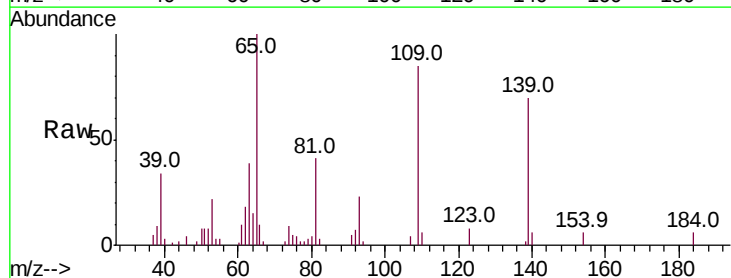
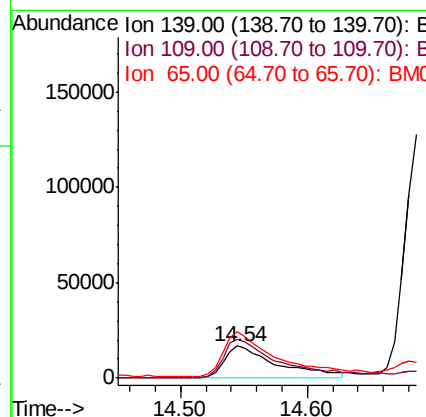
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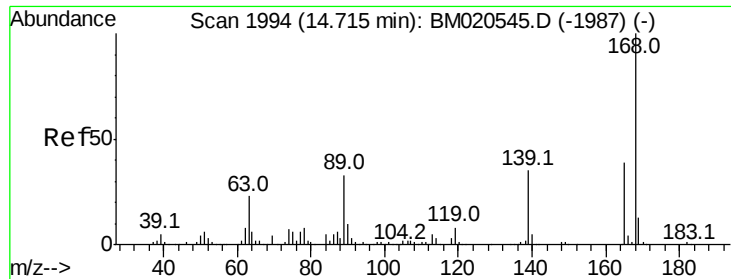
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#56
4-Nitrophenol
Concen: 38.717 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	121.8	89.4	129.4
65	142.7	113.3	153.3





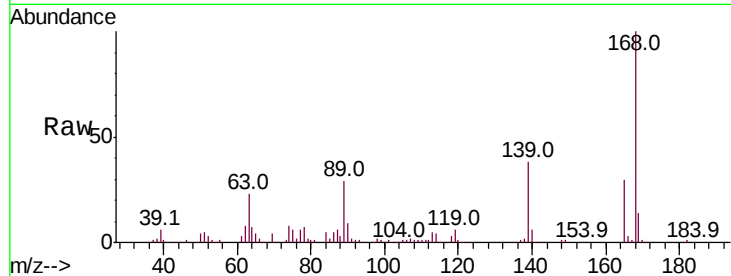
#57
2,4-Dinitrotoluene
Concen: 39.331 ng
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	75.6	48.7	73.1#
89	95.8	68.8	103.2
182	3.3	2.6	4.0

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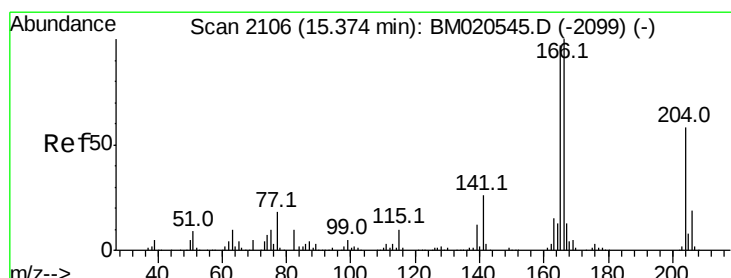
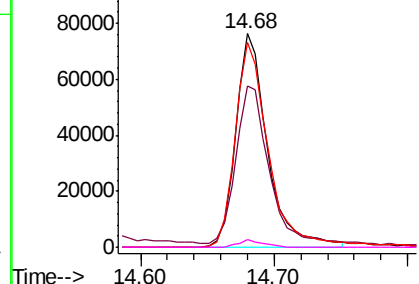
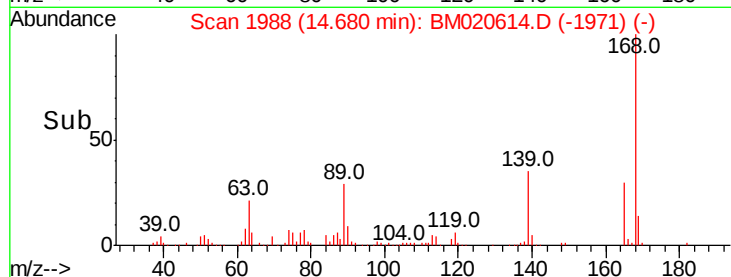
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

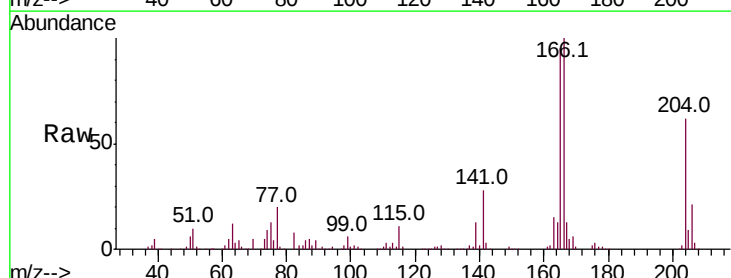
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.992 ng
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.4	116.0
167	13.5	10.6	16.0

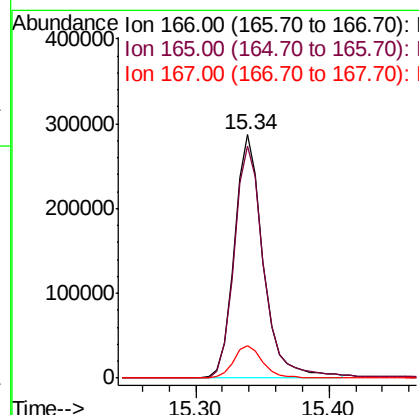
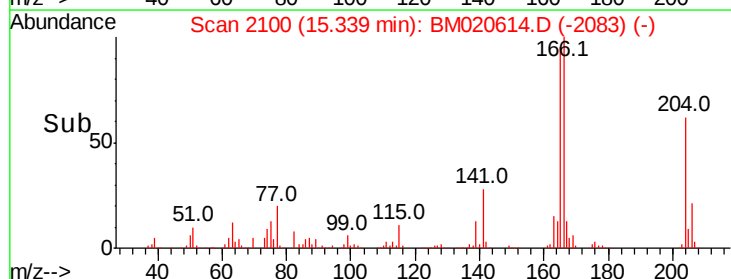


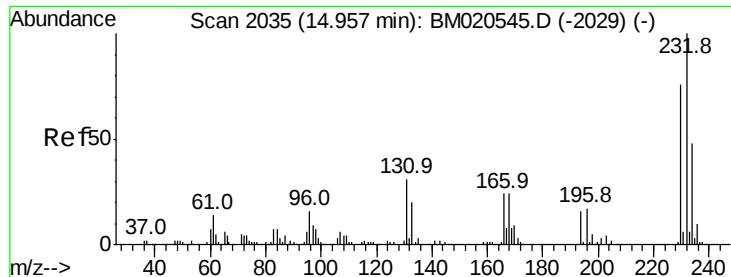
Abundance

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





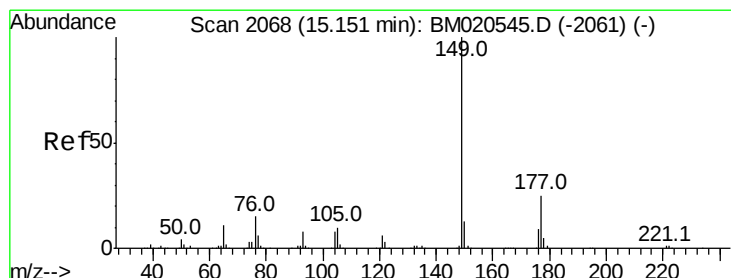
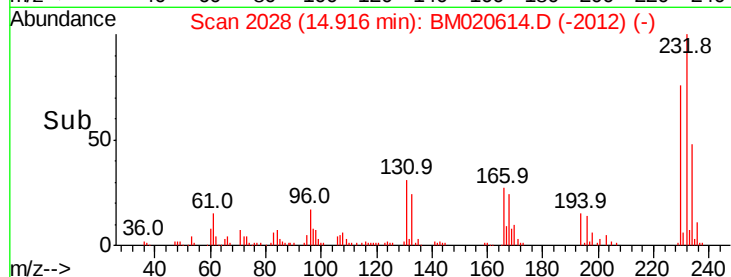
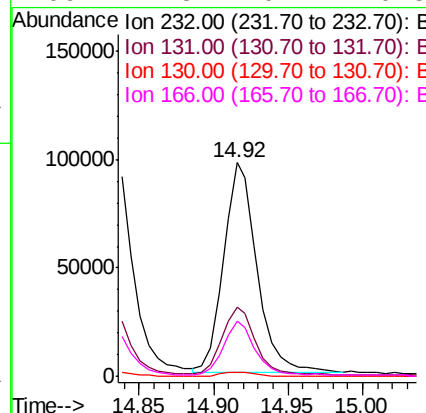
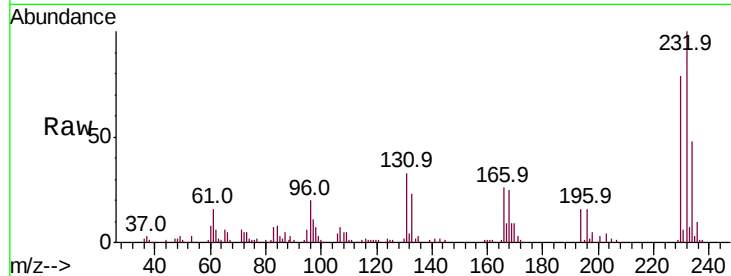
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.148 ng
 RT: 14.92 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	150053
Ion Ratio	Lower	Upper	
232	100		
131	32.3	25.4	38.0
130	1.9	1.5	2.3
166	24.3	19.7	29.5

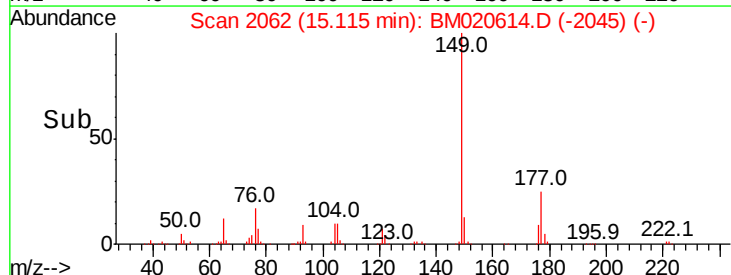
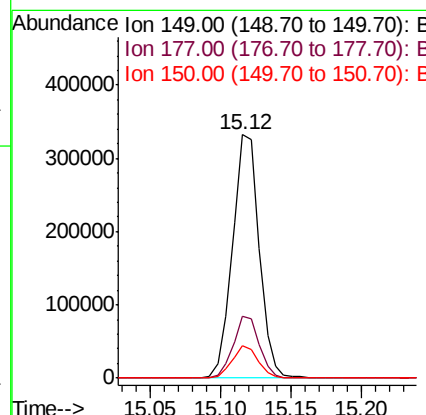
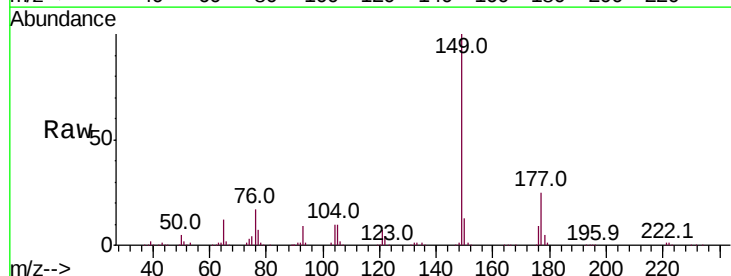
Manual Integrations
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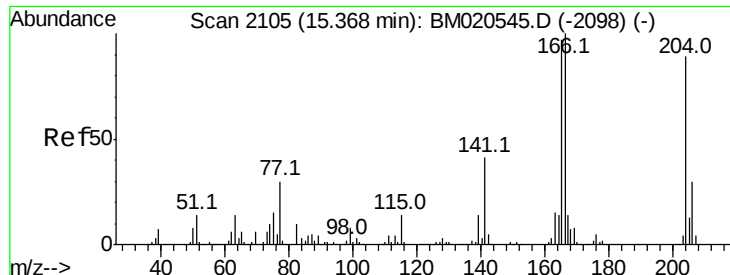
mohammad
 5/30/2019 8:16:54 AM



#60
 Diethylphthalate
 Concen: 41.732 ng
 RT: 15.12 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion:	149	Resp:	437899
Ion Ratio	Lower	Upper	
149	100		
177	25.2	19.8	29.8
150	13.1	10.2	15.2





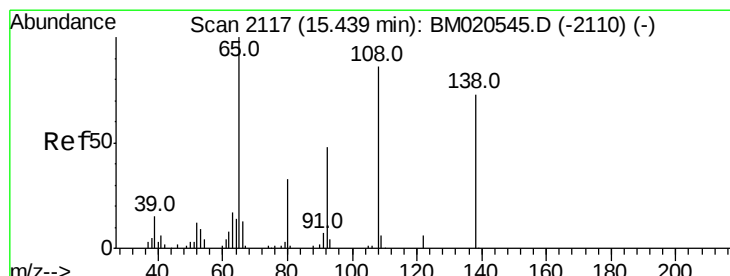
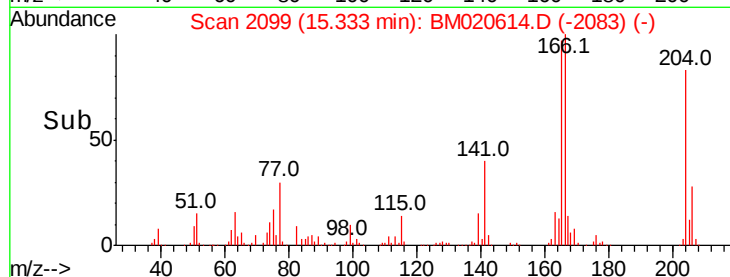
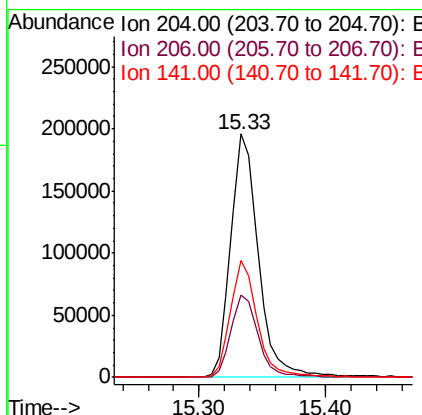
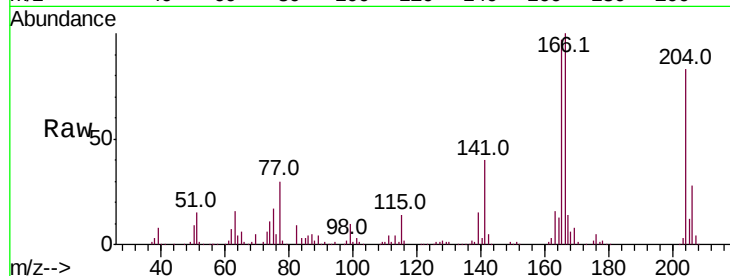
#61
4-Chlorophenyl-phenylether
Concen: 44.811 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	40.0
141	48.2	36.9	55.3

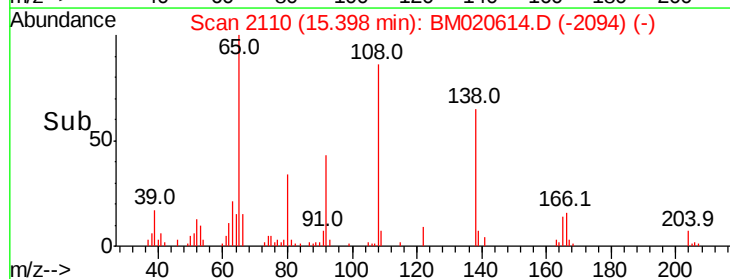
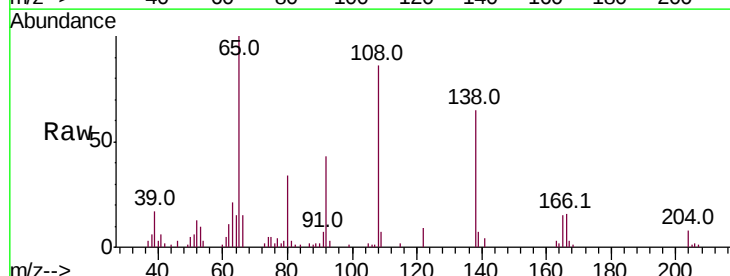
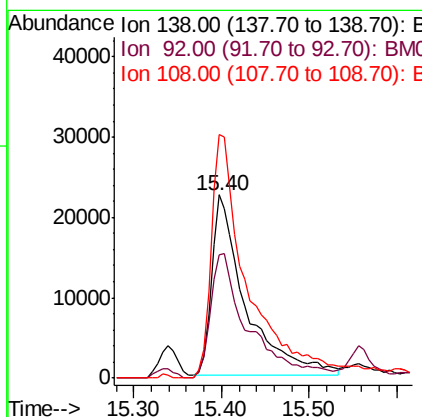
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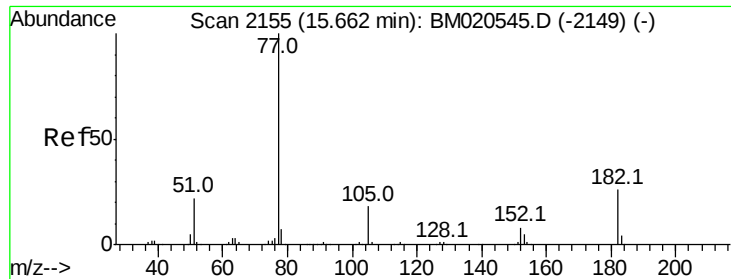
mohammad
5/30/2019 8:16:54 AM



#62
4-Nitroaniline
Concen: 32.284 ng m
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	67.1	44.5	84.5
108	133.1	95.9	135.9





#63

Azobenzene

Concen: 44.539 ng

RT: 15.63 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

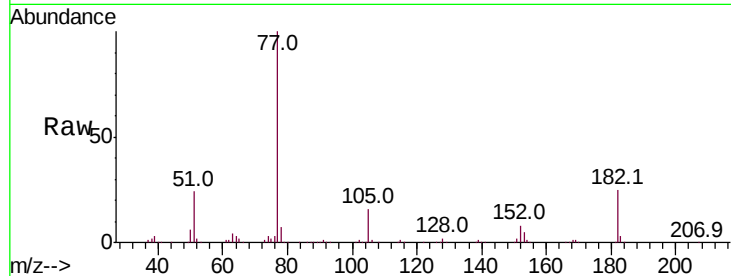
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.7	45.7
105	15.6	0.0	37.6
51	24.2	1.7	41.7

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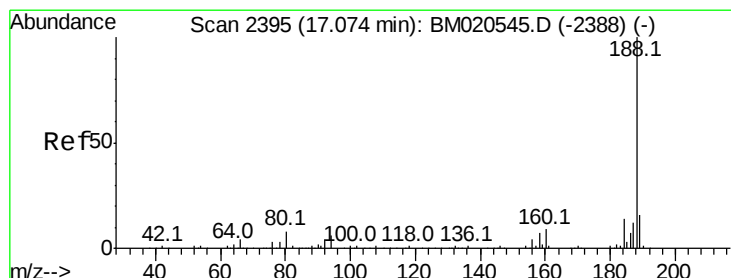
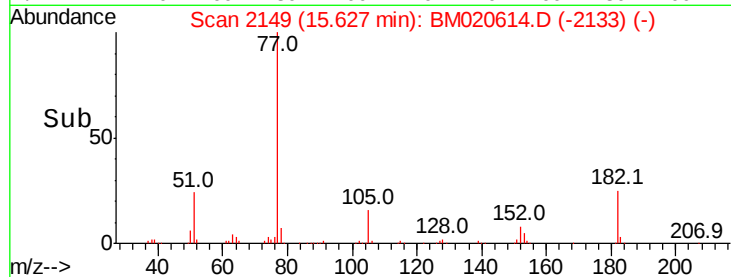
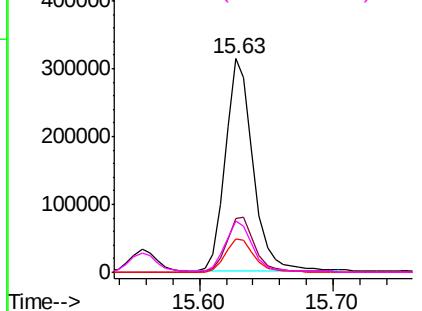


Abundance Ion 77.00 (76.70 to 77.70): BM020614.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BM020614.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BM020614.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BM020614.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM020614.D

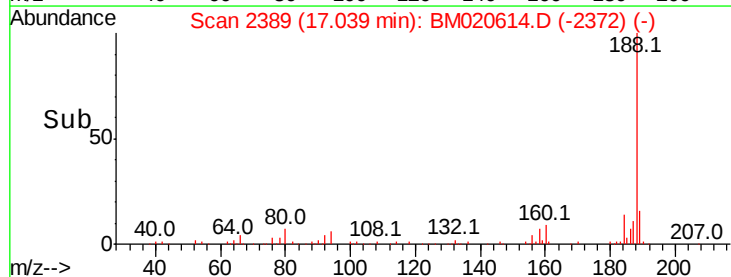
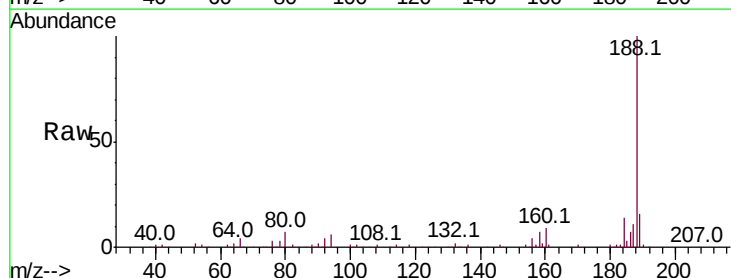
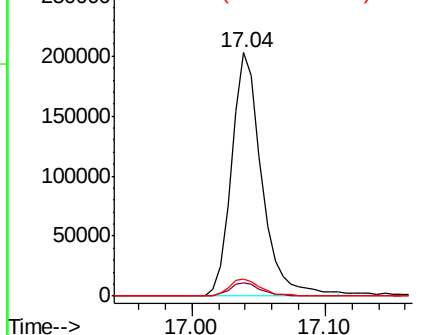
Acq: 30 May 2019 01:17

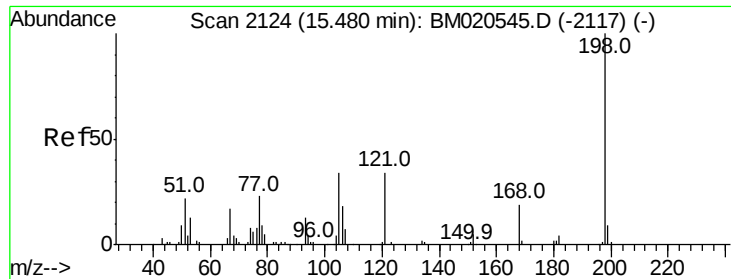
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.0	7.4
80	7.2	6.5	9.7

Abundance Ion 188.00 (187.70 to 188.70): BM020614.D (-2372) (-)

Ion 94.00 (93.70 to 94.70): BM020614.D (-2372) (-)

Ion 80.00 (79.70 to 80.70): BM020614.D (-2372) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 31.817 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

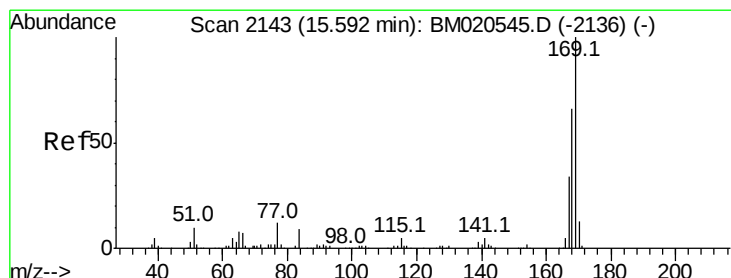
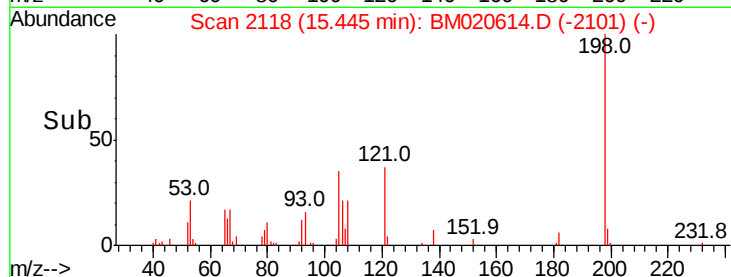
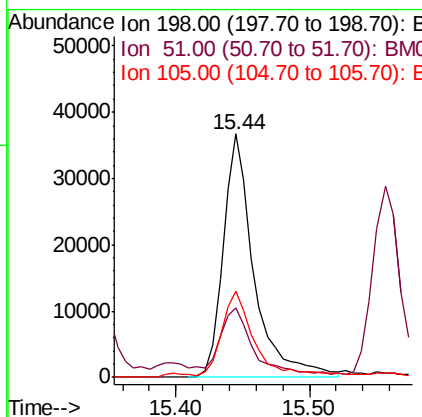
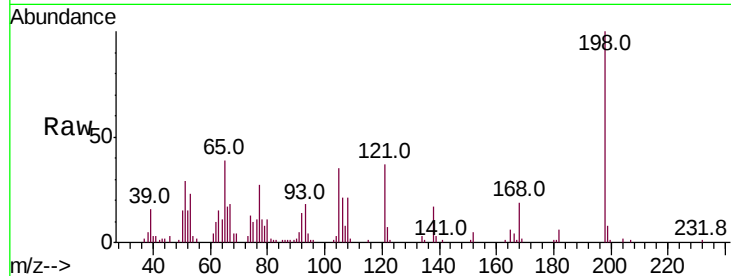
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	59482
Ion Ratio	Lower	Upper	
198	100		
51	28.5	6.4	46.4
105	35.2	15.1	55.1

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#66

n-Nitrosodiphenylamine

Concen: 42.761 ng

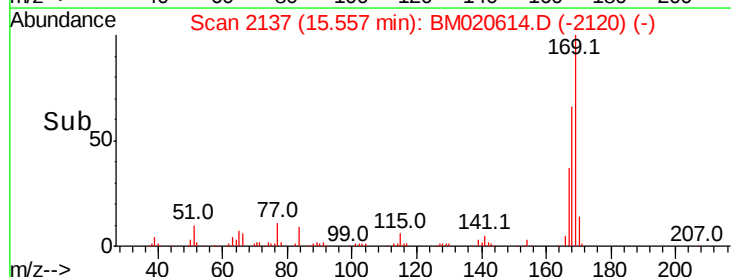
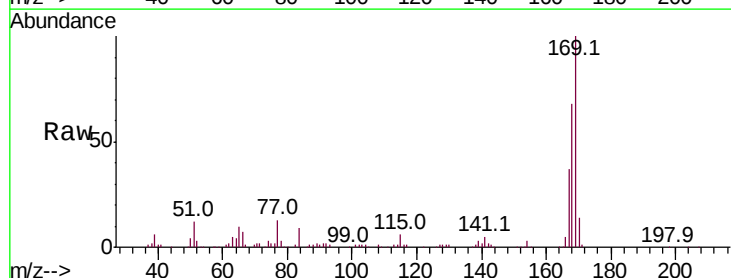
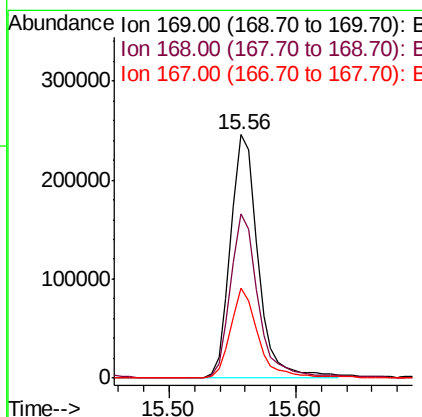
RT: 15.56 min Scan# 2137

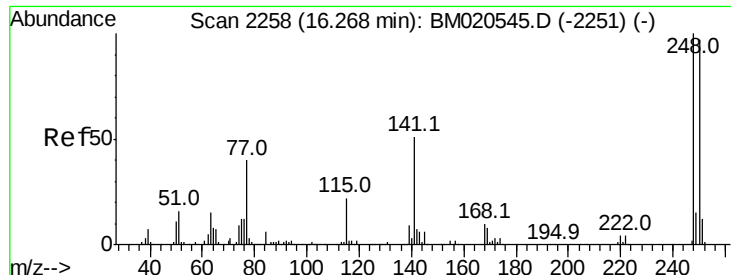
Delta R.T. -0.00 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	169	Resp:	370845
Ion Ratio	Lower	Upper	
169	100		
168	67.7	52.5	78.7
167	37.0	27.5	41.3





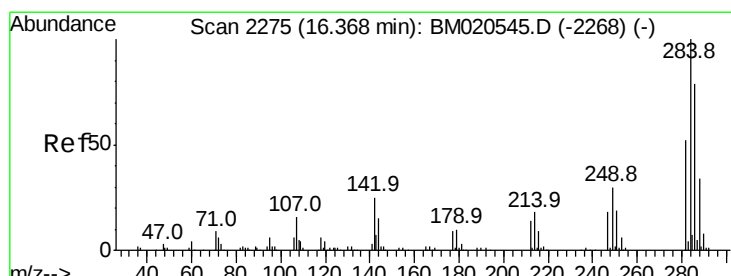
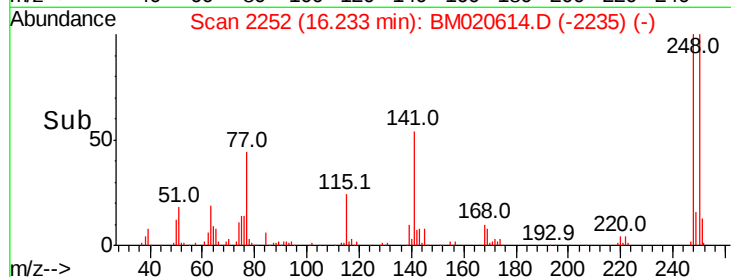
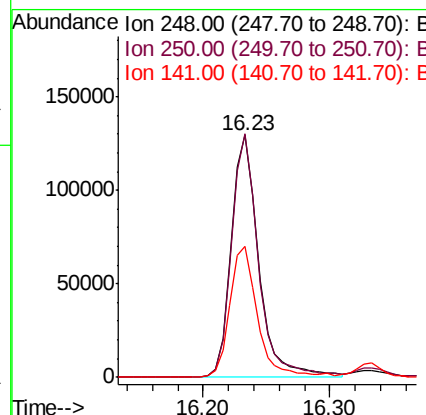
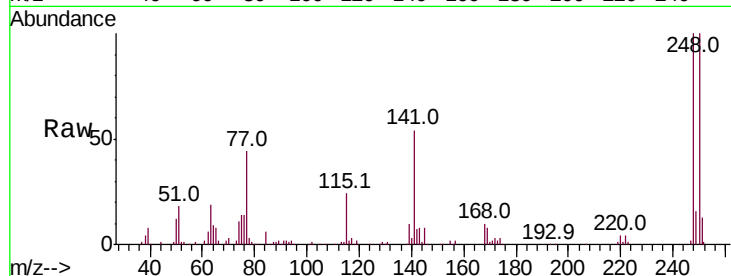
#67
 4-Bromophenyl-phenylether
 Concen: 45.499 ng
 RT: 16.23 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.8	116.6
141	53.8	41.0	61.6

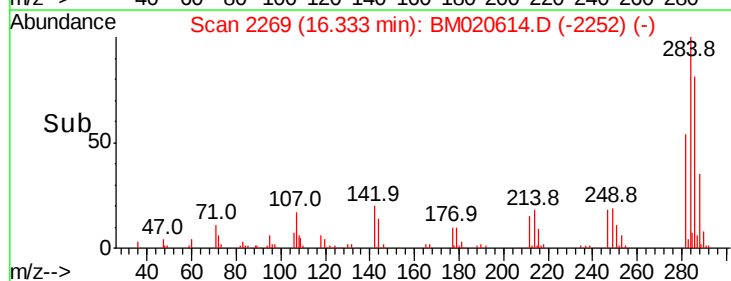
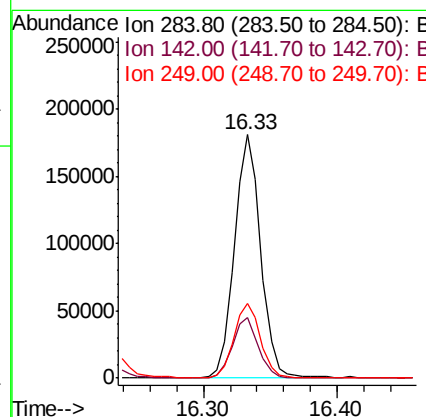
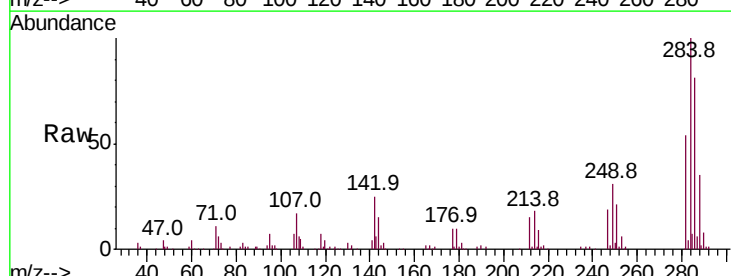
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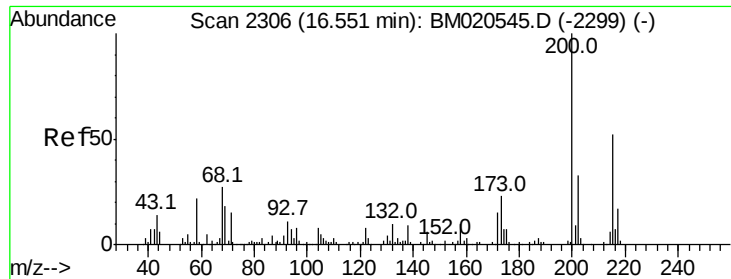
mohammad
 5/30/2019 8:16:54 AM



#68
 Hexachlorobenzene
 Concen: 48.175 ng
 RT: 16.33 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	20.2	30.2
249	30.8	23.9	35.9





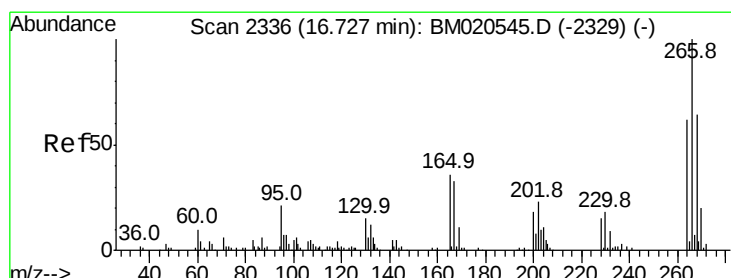
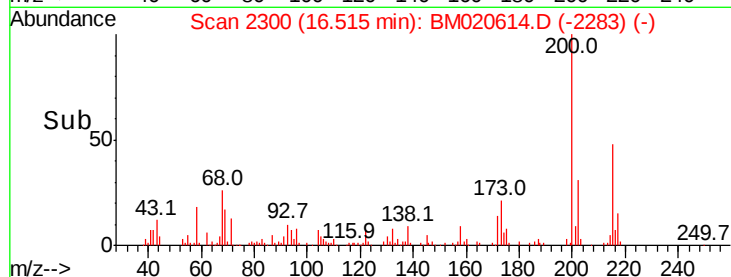
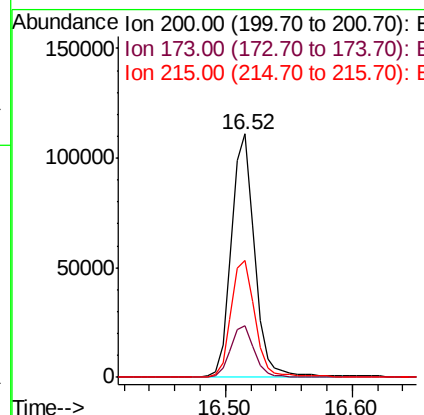
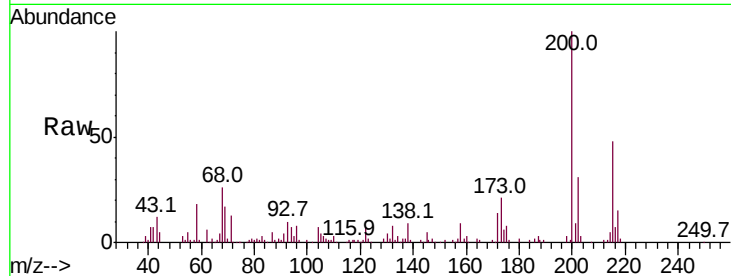
#69
 Atrazine
 Concen: 39.441 ng
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	21.3	3.2	43.2	
215	48.2	31.7	71.7	

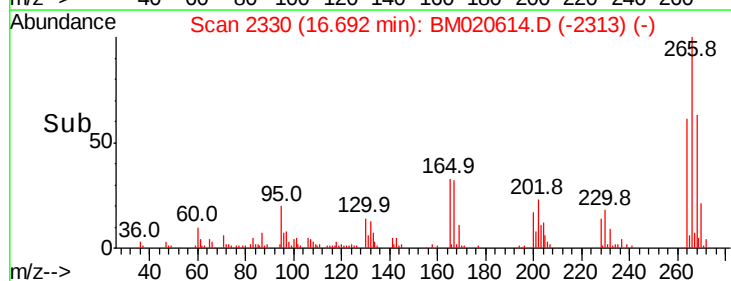
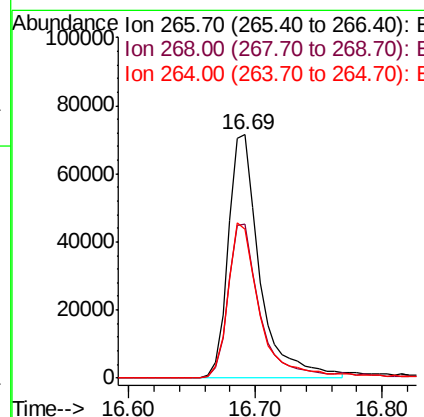
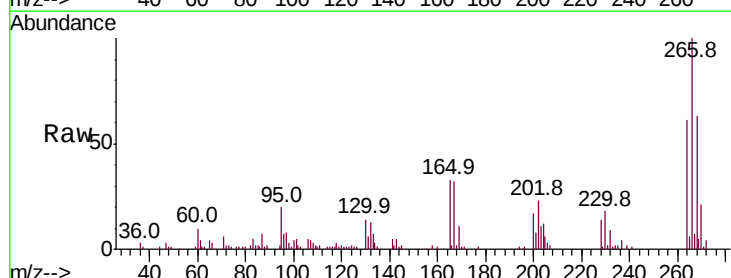
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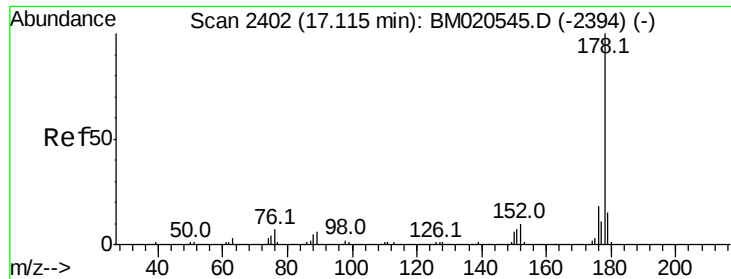
mohammad
 5/30/2019 8:16:54 AM



#70
 Pentachlorophenol
 Concen: 46.198 ng
 RT: 16.69 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.0	51.0	76.4	
264	61.3	49.8	74.8	





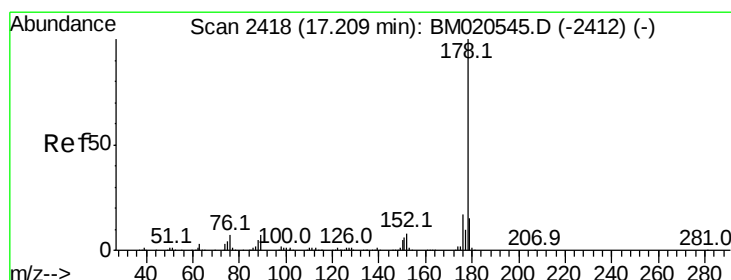
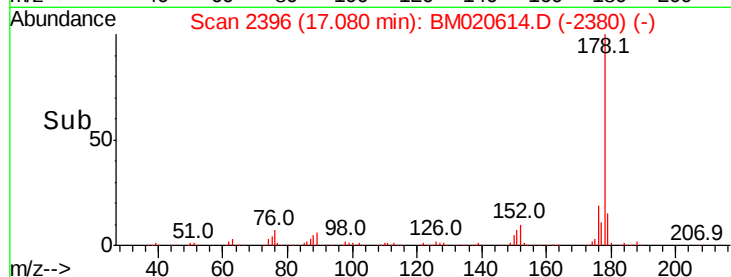
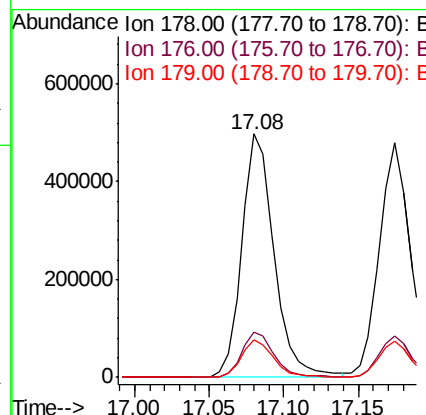
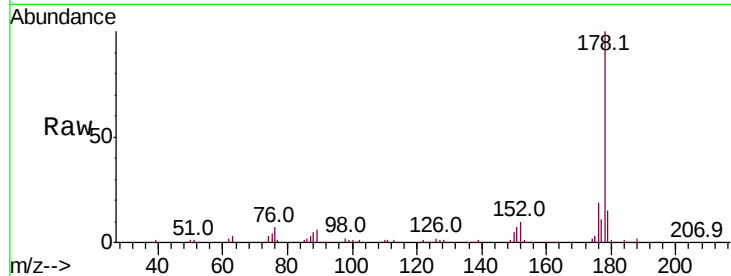
#71
Phenanthrene
Concen: 43.104 ng
RT: 17.08 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.3	12.2	18.2

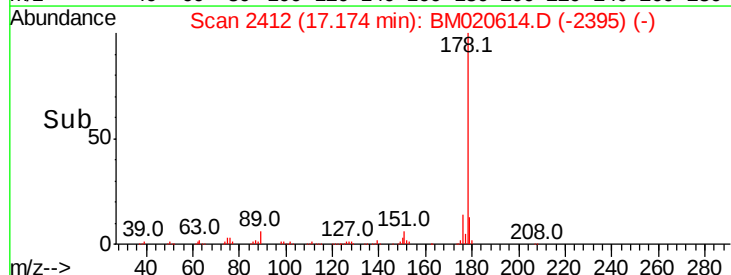
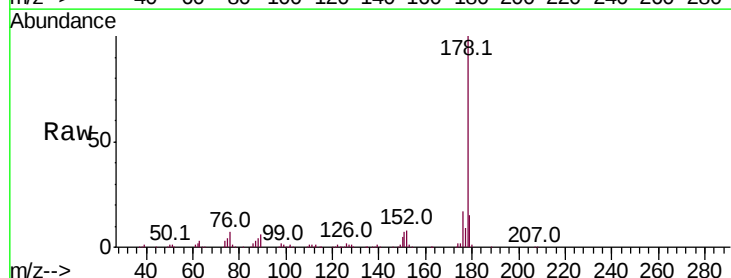
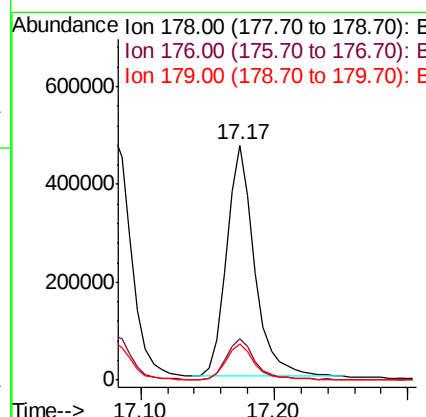
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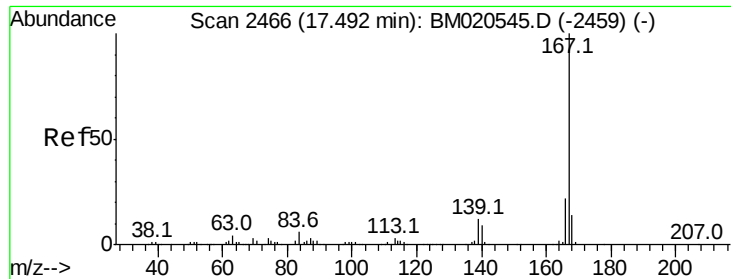
mohammad
5/30/2019 8:16:54 AM



#72
Anthracene
Concen: 41.286 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.0	21.0
179	15.2	12.4	18.6





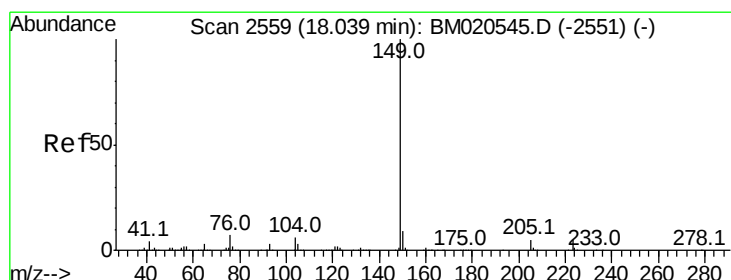
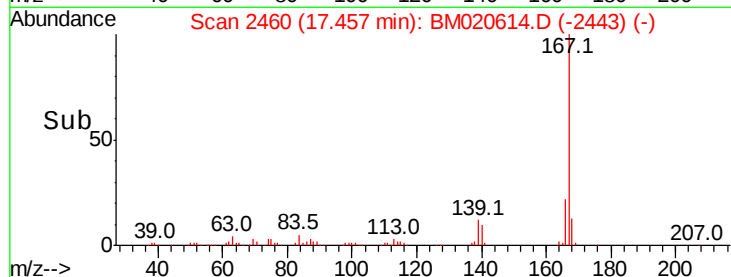
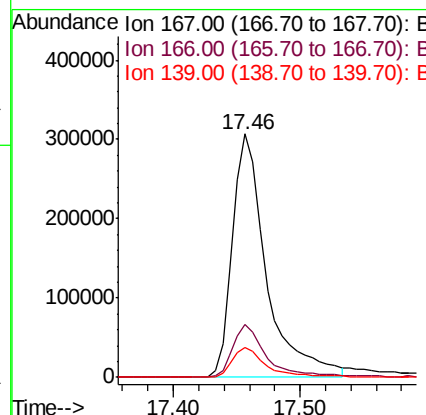
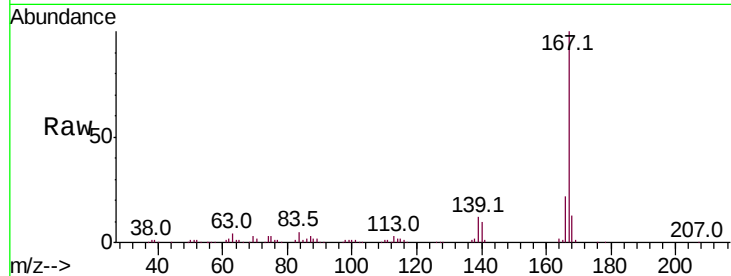
#73
 Carbazole
 Concen: 39.590 ng
 RT: 17.46 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.4	9.3	13.9

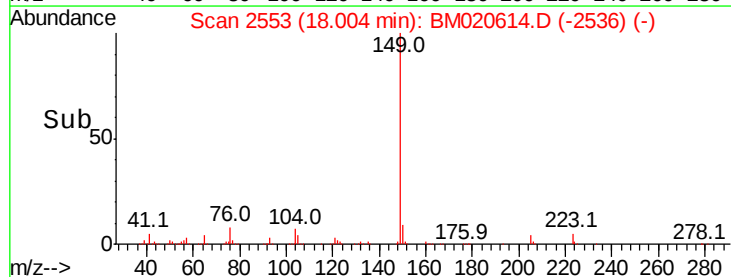
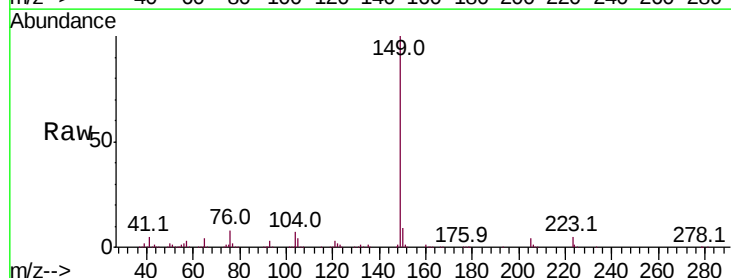
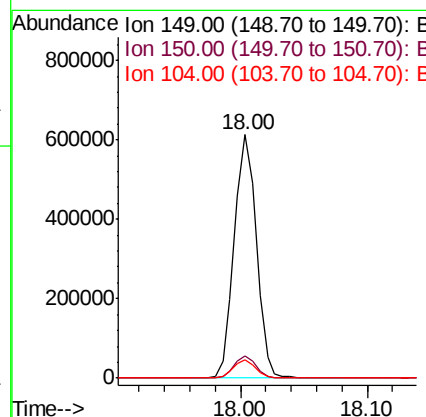
Manual Integrations
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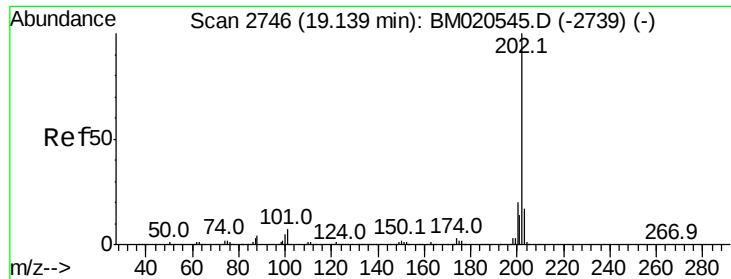
mohammad
 5/30/2019 8:16:54 AM



#74
 Di-n-butylphthalate
 Concen: 41.587 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	7.4	5.0	7.4





#75

Fluoranthene

Concen: 42.832 ng

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

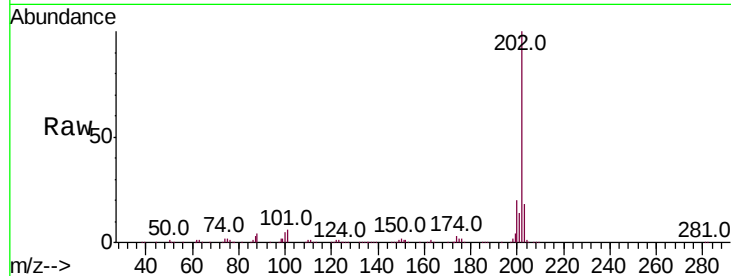
ClientSampleId :

SSTDCCC040

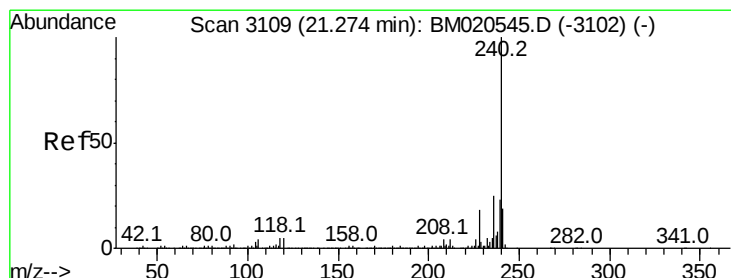
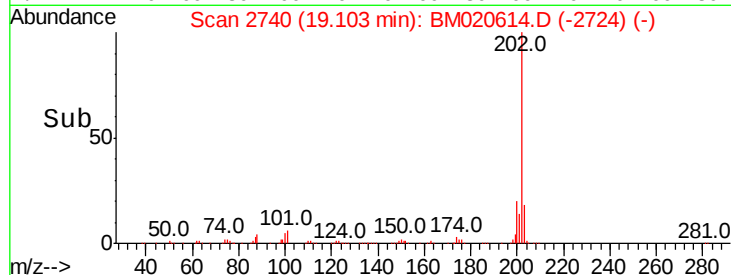
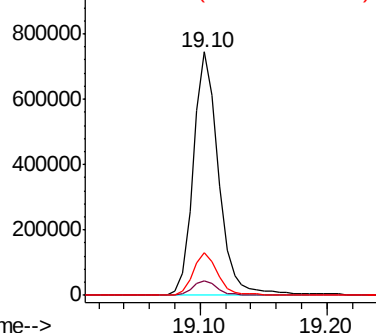
Tot Ion:	202	Resp:	1034951
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	26.7
203	17.7	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.23 min Scan# 3102

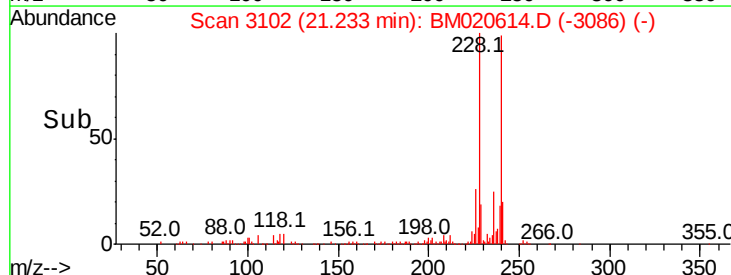
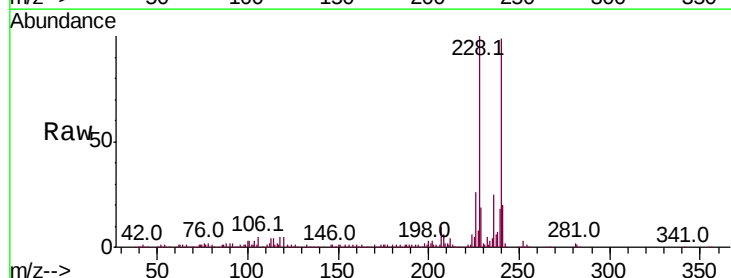
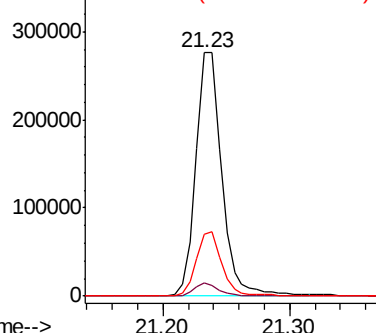
Delta R.T. -0.01 min

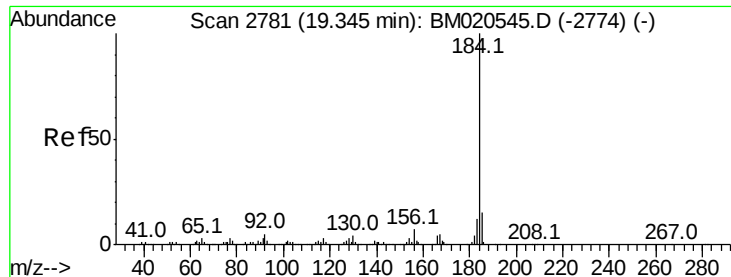
Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	240	Resp:	392470
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.1	6.1
236	25.5	20.2	30.4

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





#77

Benzidine

Concen: 31.292 ng/mL

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

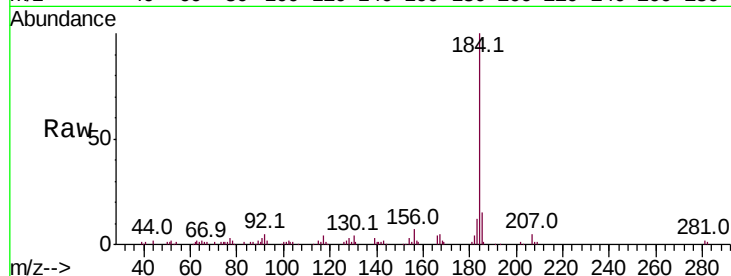
ClientSampleID :

SSTDCCC040

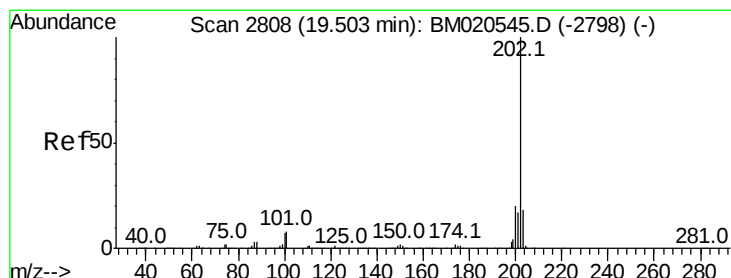
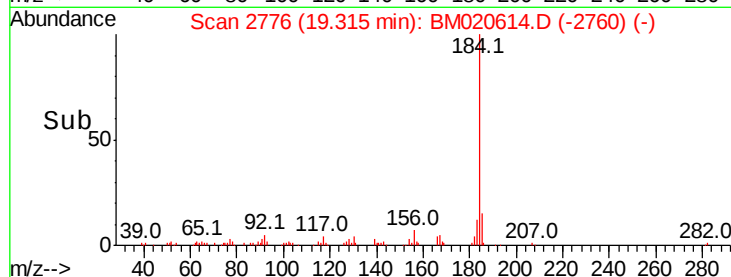
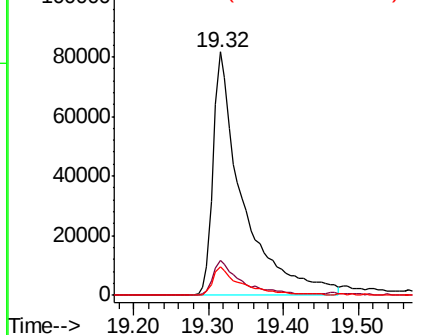
Tot Ion:	184	Resp:	225697
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	11.7	9.7	14.5

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



#78

Pyrene

Concen: 43.616 ng/mL

RT: 19.47 min Scan# 2802

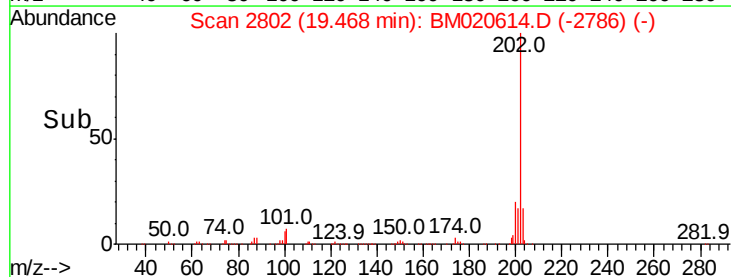
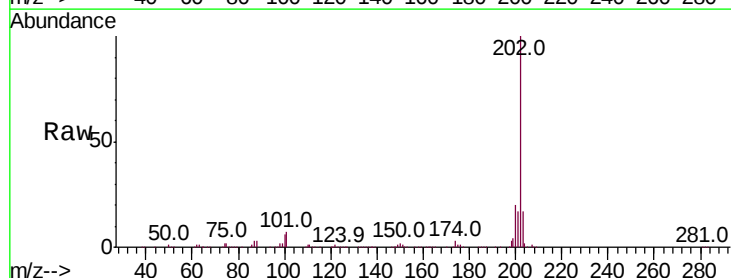
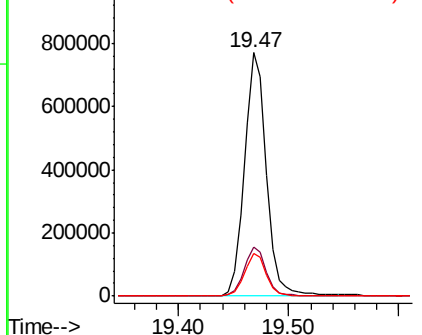
Delta R.T. -0.01 min

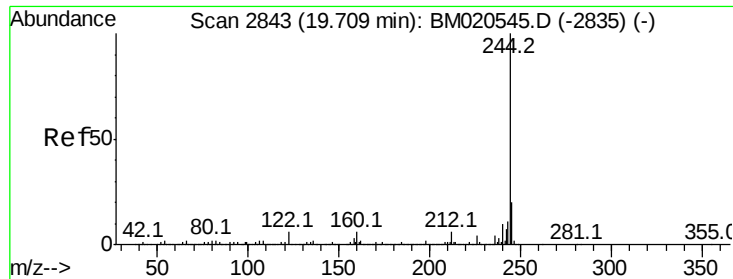
Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	202	Resp:	1074663
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.0	24.0
203	17.5	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





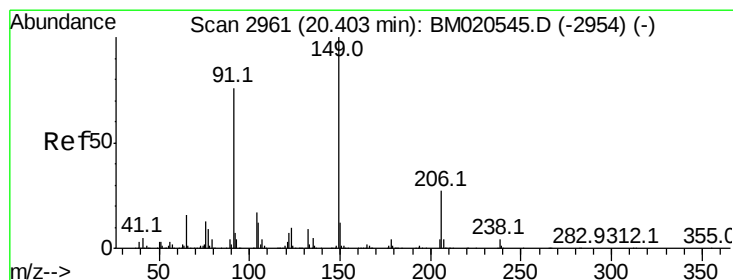
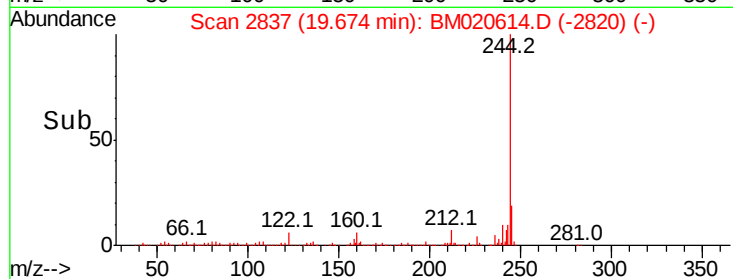
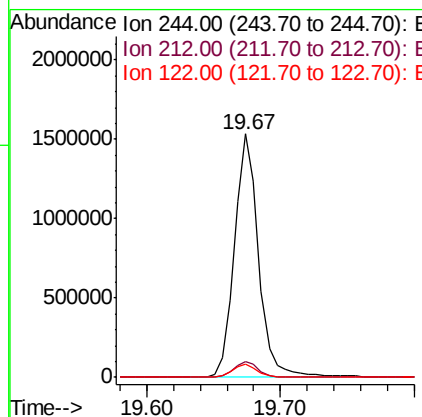
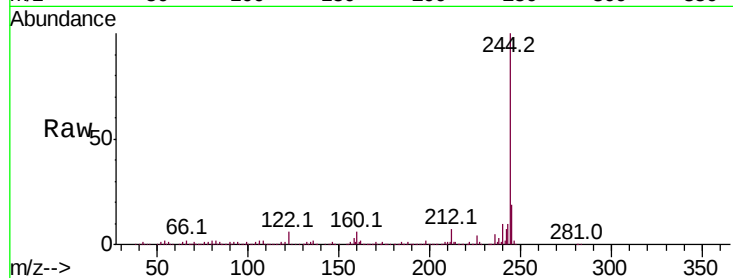
#79
 Terphenyl-d14
 Concen: 89.241 ng
 RT: 19.67 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	5.6	4.6	7.0

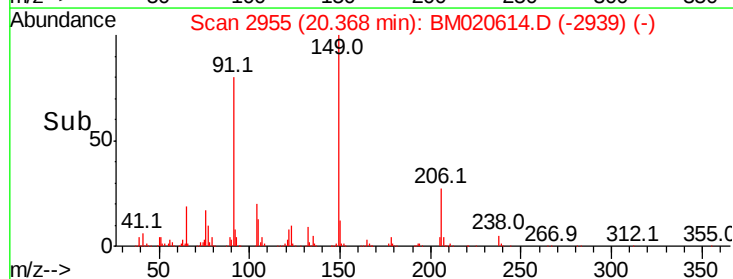
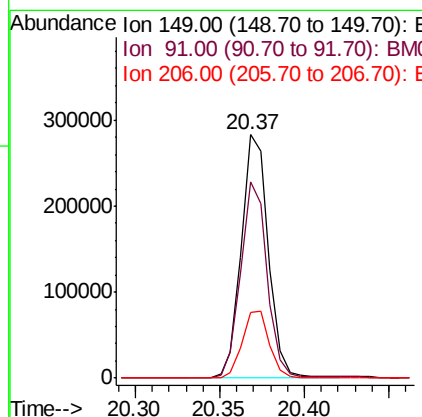
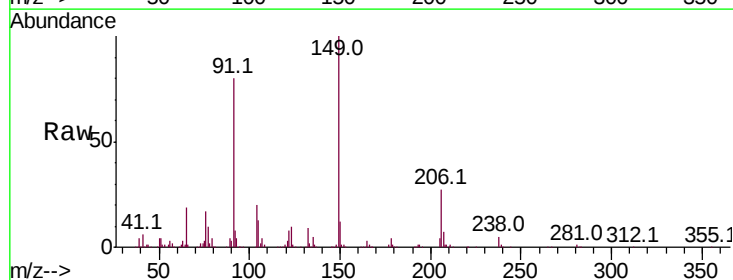
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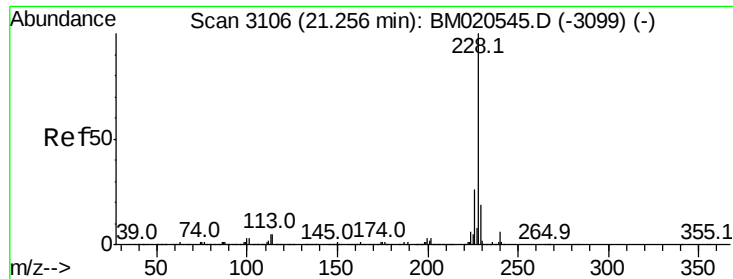
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#80
 Butylbenzylphthalate
 Concen: 36.596 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.4	60.9	91.3
206	26.9	21.6	32.4





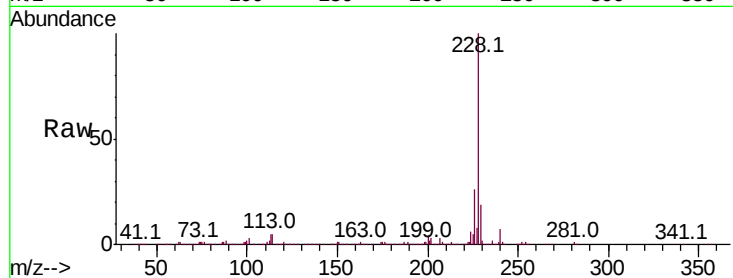
#81
Benzo(a)anthracene
Concen: 41.814 ng
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.7	31.1
229	19.2	15.5	23.3

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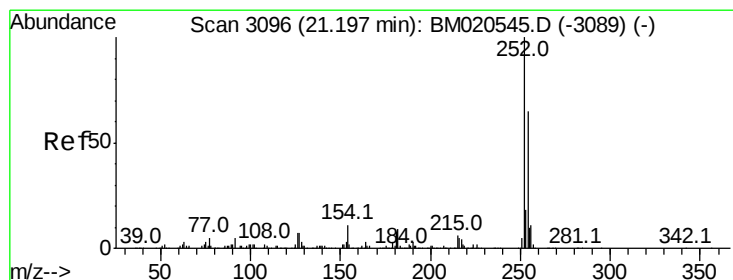
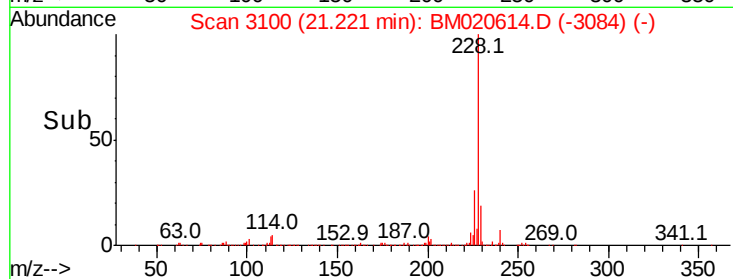
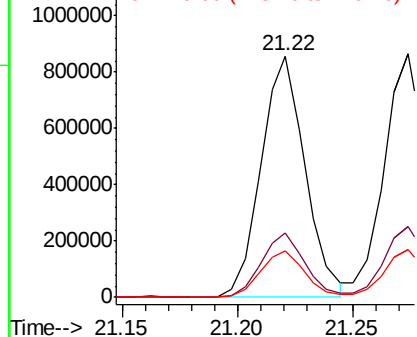


Abundance

Ion 228.00 (227.70 to 228.70): E

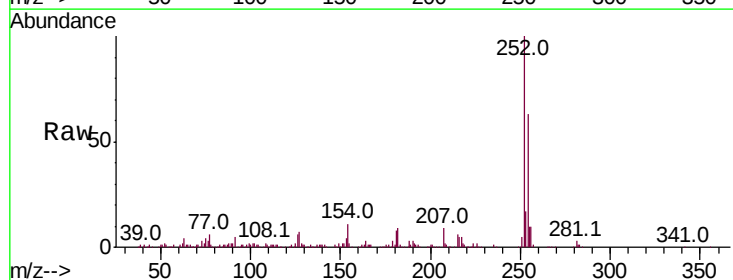
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 38.620 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.8	77.6
126	6.3	5.2	7.8

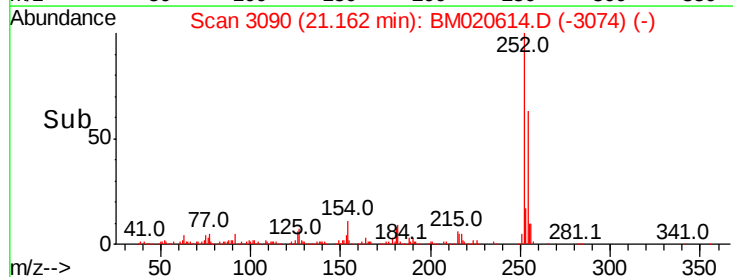
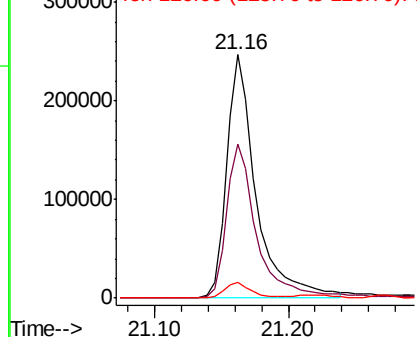


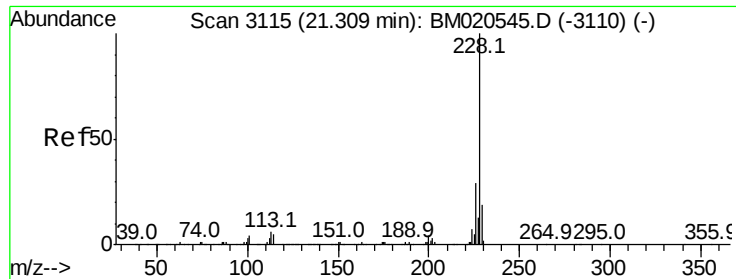
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





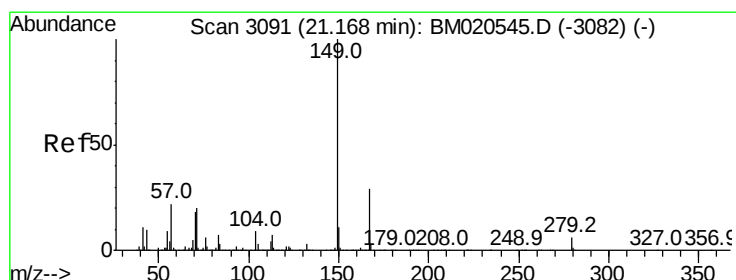
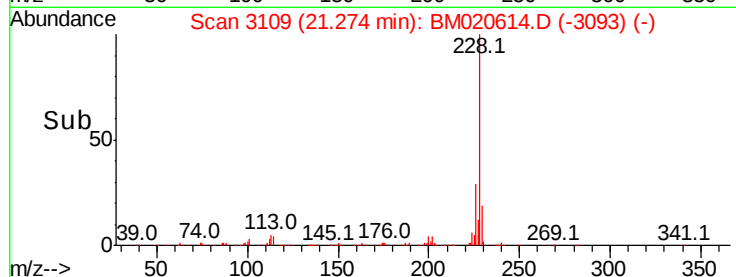
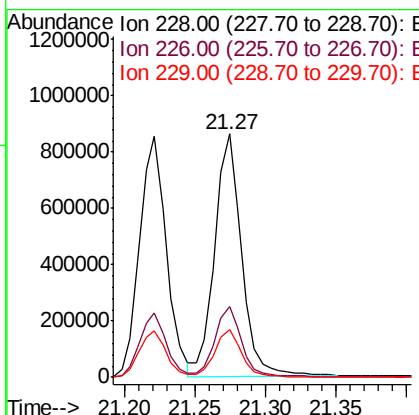
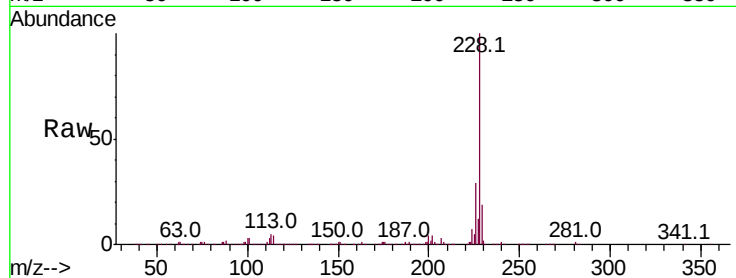
#83
 Chrysene
 Concen: 43.481 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.9	34.3
229	19.4	15.4	23.2

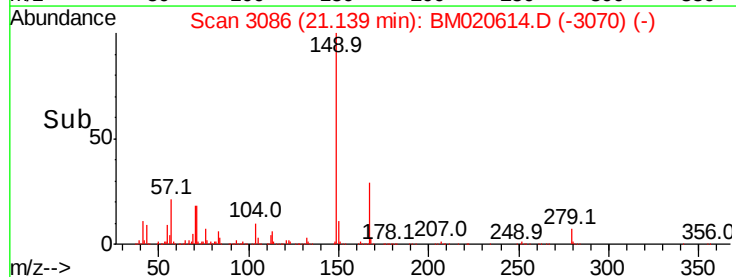
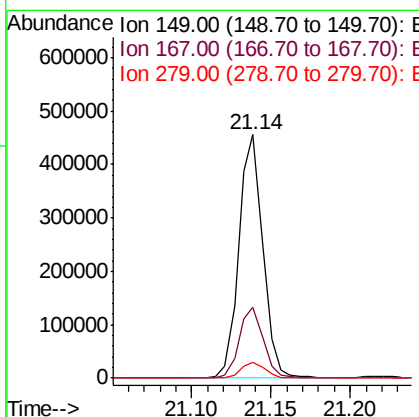
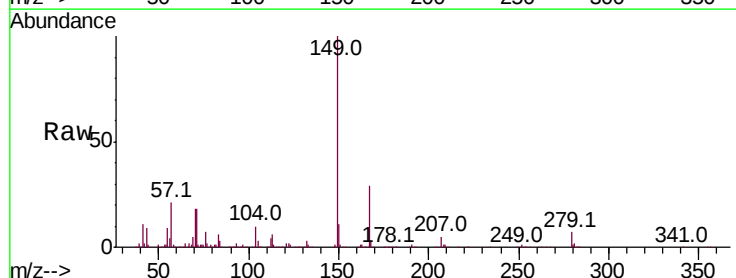
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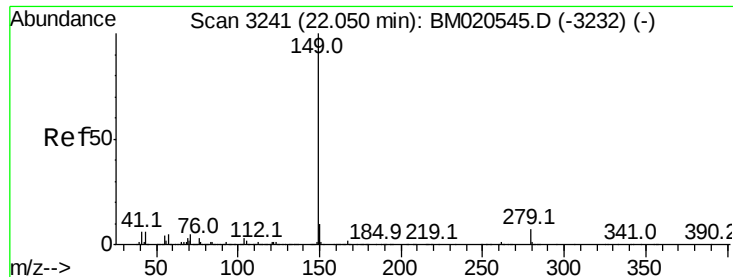
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.801 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM020614.D
 Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.9	34.3
279	6.6	4.9	7.3





#85

Di-n-octyl phthalate

Concen: 38.405 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

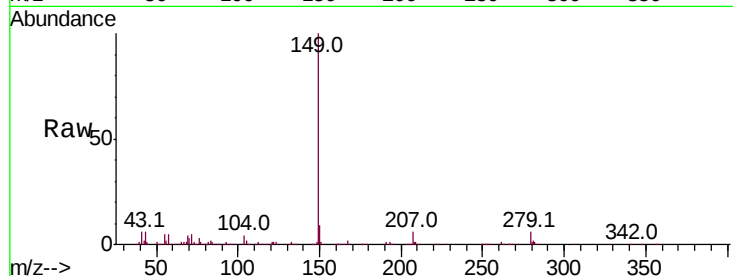
ClientSampleId :

SSTDCCC040

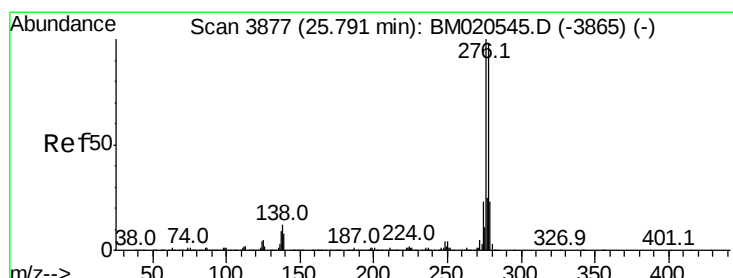
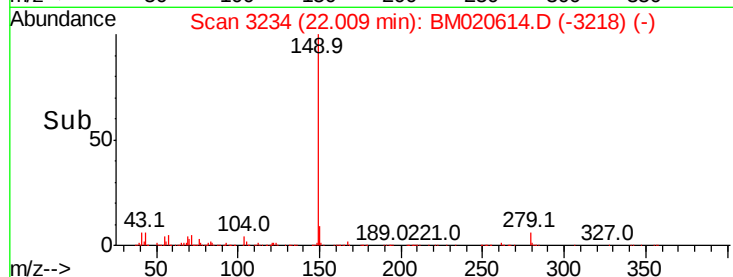
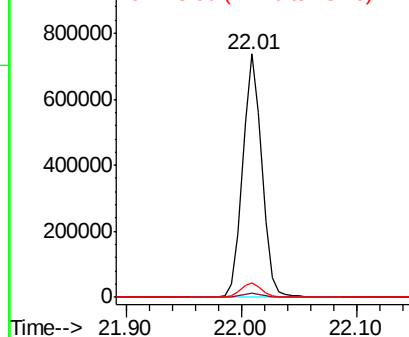
Tot Ion:	149	Resp:	842425
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	6.2	4.8	7.2

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Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.223 ng

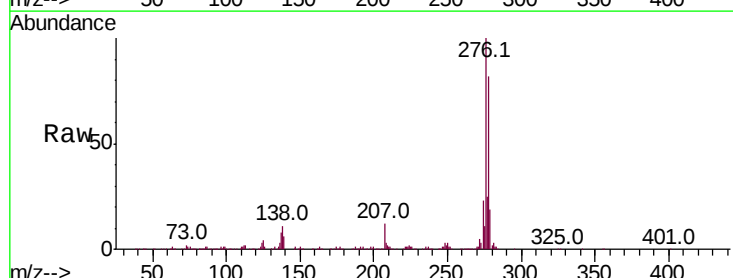
RT: 25.70 min Scan# 3862

Delta R.T. -0.02 min

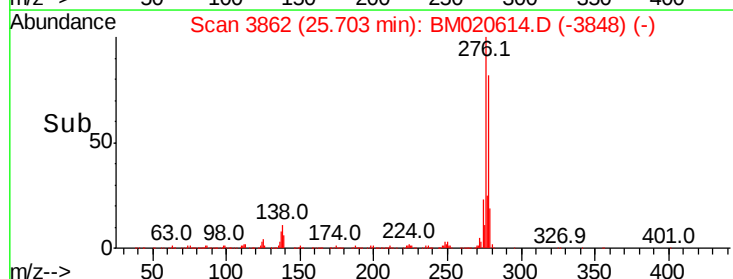
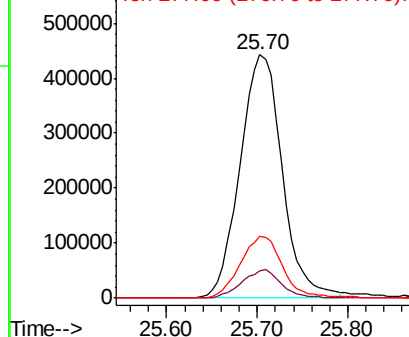
Lab File: BM020614.D

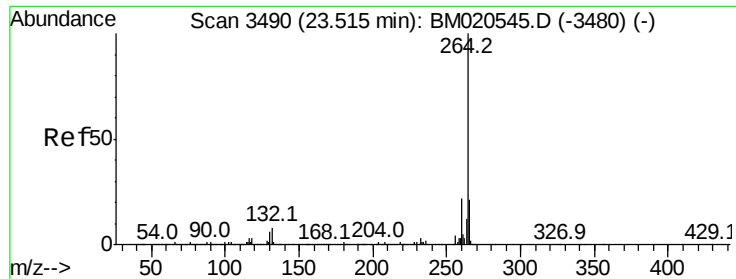
Acq: 30 May 2019 01:17

Tgt Ion:	276	Resp:	1435191
Ion Ratio	Lower	Upper	
276	100		
138	10.9	9.7	14.5
277	25.2	20.4	30.6



Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Instrument :

BNA_M

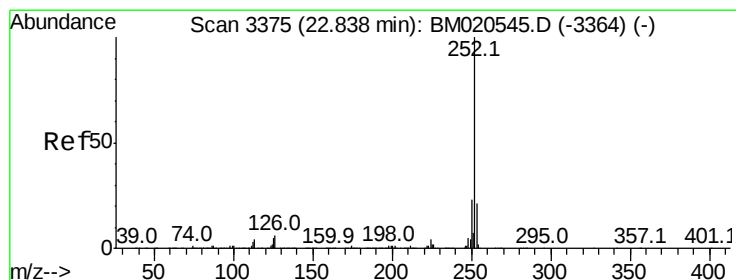
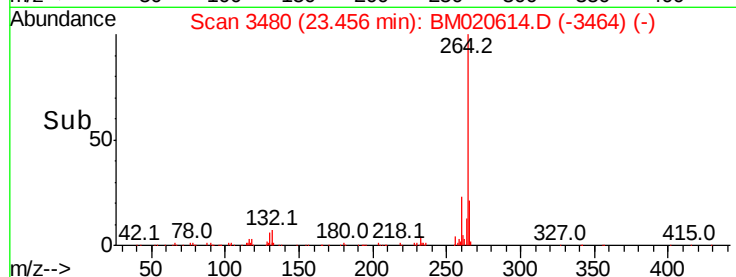
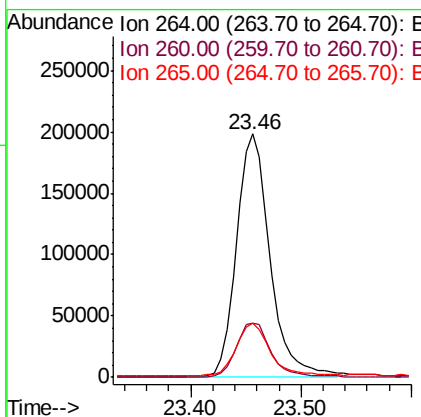
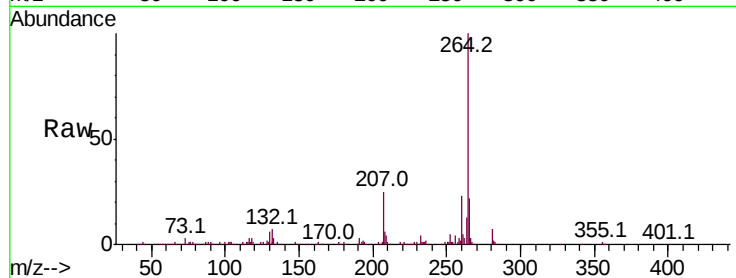
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	424104
Ion Ratio	Lower	Upper	
264	100		
260	22.5	17.7	26.5
265	22.0	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 43.014 ng

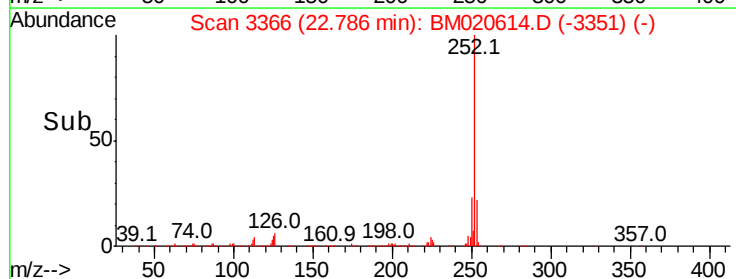
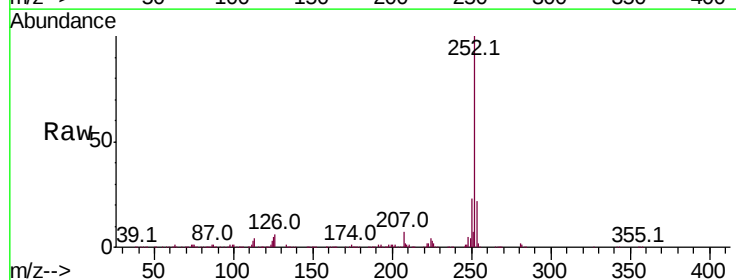
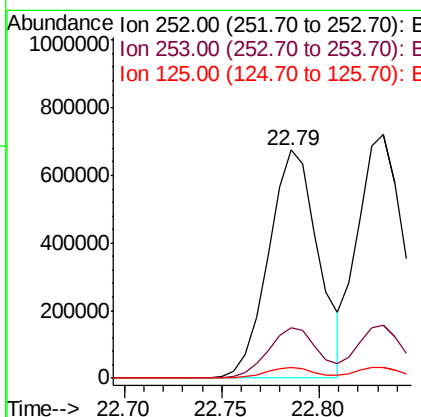
RT: 22.79 min Scan# 3366

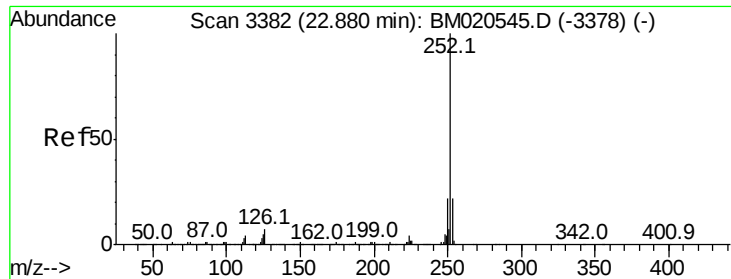
Delta R.T. -0.01 min

Lab File: BM020614.D

Acq: 30 May 2019 01:17

Tgt Ion:	252	Resp:	1193979
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	4.5	3.8	5.8





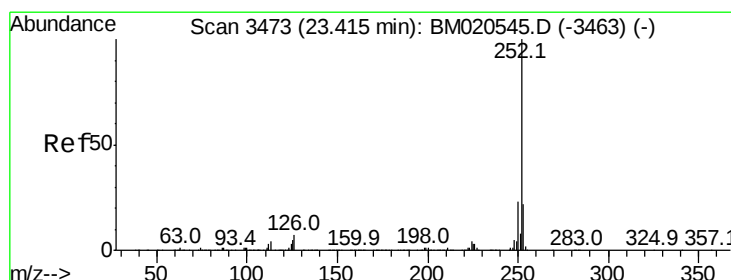
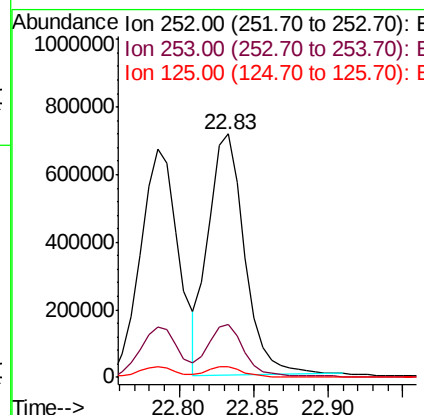
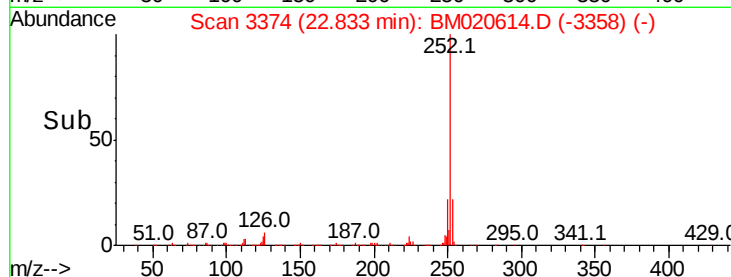
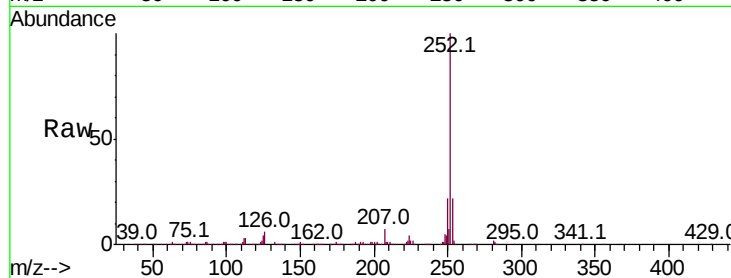
#89
Benzo(k)fluoranthene
Concen: 45.012 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	4.3	4.2	6.4

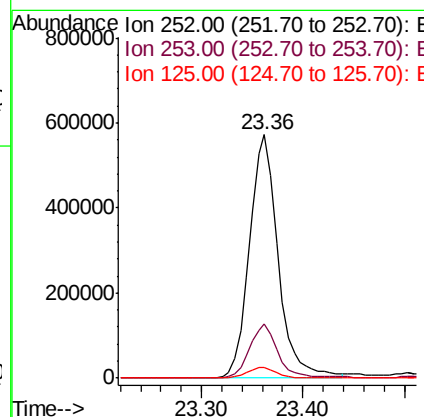
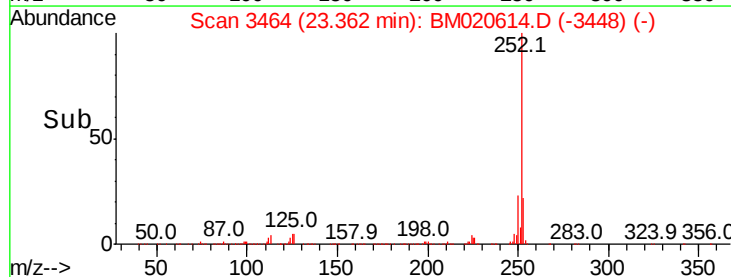
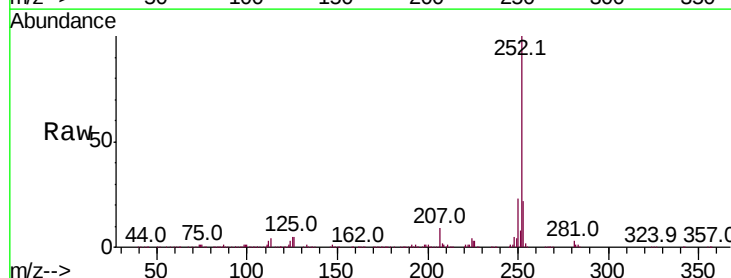
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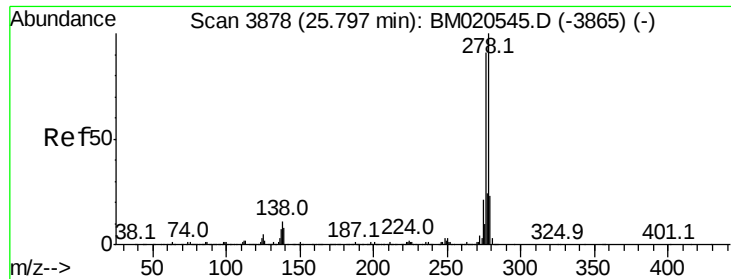
mohammad
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#90
Benzo(a)pyrene
Concen: 43.866 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	4.6	4.2	6.4





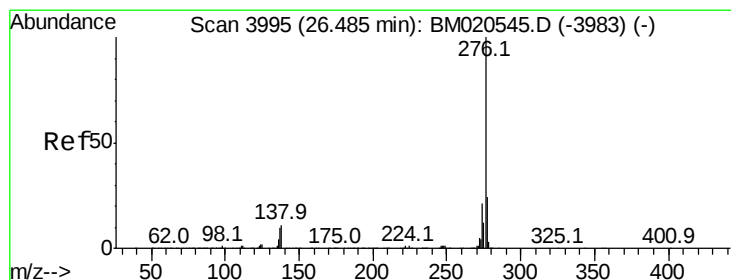
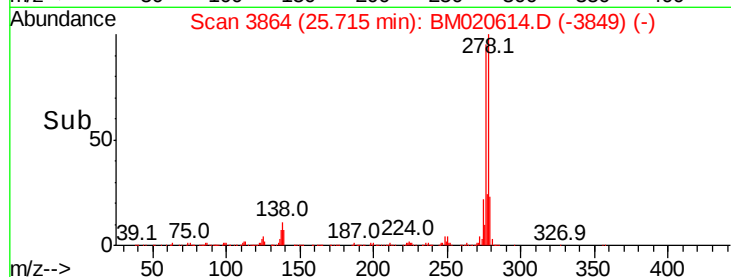
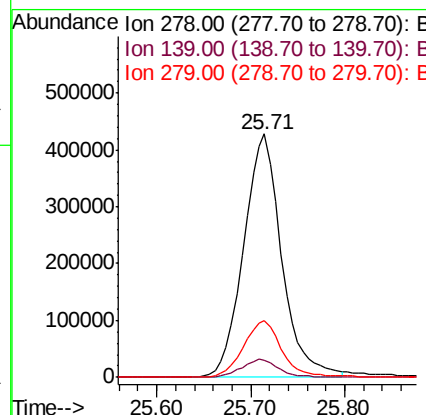
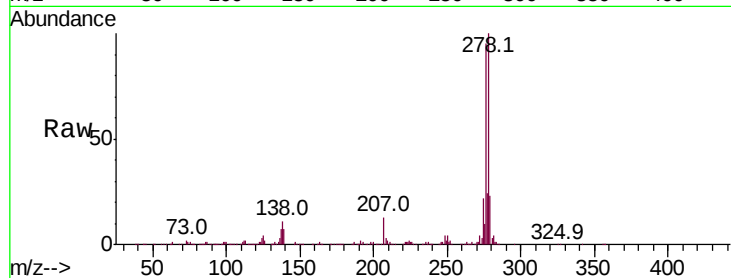
#91
Dibenzo(a,h)anthracene
Concen: 45.963 ng
RT: 25.71 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.2	6.3	9.5
279	23.5	18.3	27.5

Manual Integrations
APPROVED

mohammad
5/30/2019 8:16:54 AM



#92
Benzo(g,h,i)perylene
Concen: 47.037 ng
RT: 26.39 min Scan# 3979
Delta R.T. -0.01 min
Lab File: BM020614.D
Acq: 30 May 2019 01:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	8.9	8.6	12.8

