

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\
 Data File : BM024688.D
 Acq On : 31 Jan 2020 22:46
 Operator : CG/JU
 Sample : L1004-18MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MSD

Manual Integrations
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Quant Time: Feb 01 02:31:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	196855	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	708581	20.00	ng	-0.02
39) Acenaphthene-d10	14.07	164	488184	20.00	ng	-0.02
64) Phenanthrene-d10	16.83	188	1140273	20.00	ng	-0.02
76) Chrysene-d12	21.04	240	1216726	20.00	ng	-0.02
87) Perylene-d12	23.14	264	1401997	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1468163	141.83	ng	0.00
7) Phenol-d6	6.63	99	1758582	123.33	ng	-0.02
23) Nitrobenzene-d5	8.56	82	1165498	80.67	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	1217973	153.38	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	3342889	93.09	ng	-0.02
79) Terphenyl-d14	19.49	244	6494861	99.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	169801	41.469	ng	# 66
3) Pyridine	3.45	79	369662	31.142	ng	95
4) n-Nitrosodimethylamine	3.36	42	191805	36.404	ng	84
6) Aniline	6.77	93	198731	11.448	ng	96
8) 2-Chlorophenol	7.00	128	576864	48.955	ng	93
9) Benzaldehyde	6.57	77	252649	29.986	ng	93
10) Phenol	6.66	94	675088	47.494	ng	93
11) bis(2-Chloroethyl)ether	6.87	93	473709	41.630	ng	94
12) 1,3-Dichlorobenzene	7.32	146	638787	44.127	ng	95
13) 1,4-Dichlorobenzene	7.46	146	654208	44.547	ng	98
14) 1,2-Dichlorobenzene	7.77	146	619723	43.717	ng	98
15) Benzyl Alcohol	7.67	79	478328	40.685	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.96	45	343825	33.006	ng	95
17) 2-Methylphenol	7.88	107	452249	45.150	ng	95
18) Hexachloroethane	8.49	117	227385	40.096	ng	94
19) n-Nitroso-di-n-propylamine	8.23	70	379710	35.466	ng	94
20) 3+4-Methylphenols	8.20	107	608571	43.890	ng	97
22) Acetophenone	8.24	105	788050	43.131	ng	95
24) Nitrobenzene	8.60	77	574212	41.471	ng	93
25) Isophorone	9.13	82	1051787	42.842	ng	96
26) 2-Nitrophenol	9.31	139	331096	51.642	ng	90
27) 2,4-Dimethylphenol	9.39	122	509607	58.492	ng	95
28) bis(2-Chloroethoxy)methane	9.62	93	641215	42.755	ng	99
29) 2,4-Dichlorophenol	9.85	162	626400	53.217	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	692873	48.807	ng	99
31) Naphthalene	10.23	128	1679172	46.919	ng	99
32) Benzoic acid	9.55	122	374552m	46.997	ng	
33) 4-Chloroaniline	10.36	127	64466	4.109	ng	95
34) Hexachlorobutadiene	10.53	225	456303	46.497	ng	98
35) Caprolactam	11.13	113	164981m	43.688	ng	
36) 4-Chloro-3-methylphenol	11.49	107	589366	47.088	ng	91
37) 2-Methylnaphthalene	11.86	142	1323693	47.927	ng	98
38) 1-Methylnaphthalene	12.08	142	1247519	47.485	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	817652	46.929	ng	98

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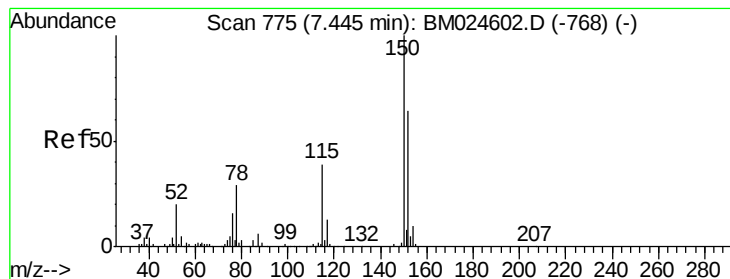
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Quant Time: Feb 01 02:31:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	907250	92.898	nq	99
43) 2,4,6-Trichlorophenol	12.49	196	569339	51.350	nq	100
44) 2,4,5-Trichlorophenol	12.56	196	613203	54.154	nq	96
46) 1,1'-Biphenyl	12.90	154	1747863	47.310	nq	99
47) 2-Chloronaphthalene	12.93	162	1412242	47.350	nq	97
48) 2-Nitroaniline	13.14	65	334644	36.788	nq	# 83
49) Acenaphthylene	13.79	152	2205777	49.403	nq	100
50) Dimethylphthalate	13.55	163	1955130	49.527	nq	99
51) 2,6-Dinitrotoluene	13.66	165	416869	49.670	nq	# 84
52) Acenaphthene	14.14	154	1316773	47.527	nq	99
53) 3-Nitroaniline	13.98	138	83106	9.547	nq	98
54) 2,4-Dinitrophenol	14.20	184	472398	94.124	nq	# 85
55) Dibenzofuran	14.48	168	2225586	49.255	nq	95
56) 4-Nitrophenol	14.32	139	727757	106.953	nq	86
57) 2,4-Dinitrotoluene	14.46	165	583536	48.513	nq	# 85
58) Fluorene	15.13	166	1795038	47.272	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	598196	52.094	nq	# 94
60) Diethylphthalate	14.94	149	1817225	45.344	nq	97
61) 4-Chlorophenyl-phenylether	15.14	204	1013513	46.296	nq	99
62) 4-Nitroaniline	15.16	138	351349	36.566	nq	91
63) Azobenzene	15.43	77	1400414	40.966	nq	92
65) 4,6-Dinitro-2-methylphenol	15.22	198	363429	54.206	nq	89
66) n-Nitrosodiphenylamine	15.36	169	1626178	49.648	nq	99
67) 4-Bromophenyl-phenylether	16.03	248	688036	48.521	nq	97
68) Hexachlorobenzene	16.14	284	796911	48.973	nq	96
69) Atrazine	16.33	200	670688	53.345	nq	98
70) Pentachlorophenol	16.49	266	1066311	107.579	nq	99
71) Phenanthrene	16.87	178	2987708	48.386	nq	99
72) Anthracene	16.96	178	3051568	50.507	nq	99
73) Carbazole	17.23	167	2722276	49.495	nq	99
74) Di-n-butylphthalate	17.83	149	3228870	45.921	nq	99
75) Fluoranthene	18.90	202	3828456	49.677	nq	98
77) Benzidine	19.09	184	1216584	42.934	nq	99
78) Pyrene	19.26	202	3906087	48.698	nq	100
80) Butylbenzylphthalate	20.20	149	1516124	45.046	nq	90
81) Benzo(a)anthracene	21.02	228	4091033	48.444	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	603945	19.881	nq	98
83) Chrysene	21.07	228	3873262	48.067	nq	99
84) Bis(2-ethylhexyl)phthalate	21.00	149	2196193	44.223	nq	96
85) Di-n-octyl phthalate	21.84	149	3838855	46.788	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.21	276	4926527	56.093	nq	98
88) Benzo(b)fluoranthene	22.53	252	4356977	47.916	nq	99
89) Benzo(k)fluoranthene	22.57	252	4144114	46.691	nq	99
90) Benzo(a)pyrene	23.06	252	3880498	46.939	nq	99
91) Dibenzo(a,h)anthracene	25.23	278	4174661	53.203	nq	99
92) Benzo(g,h,i)perylene	25.84	276	4098381	57.522	nq	99

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



#1

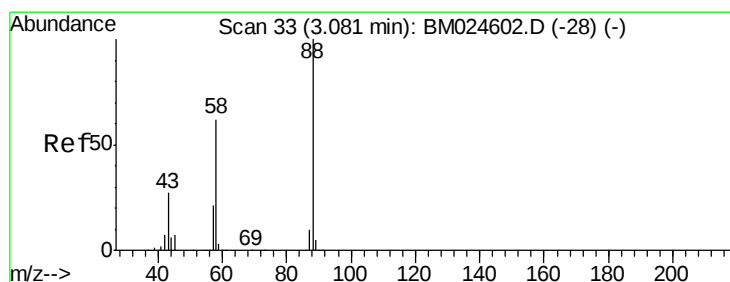
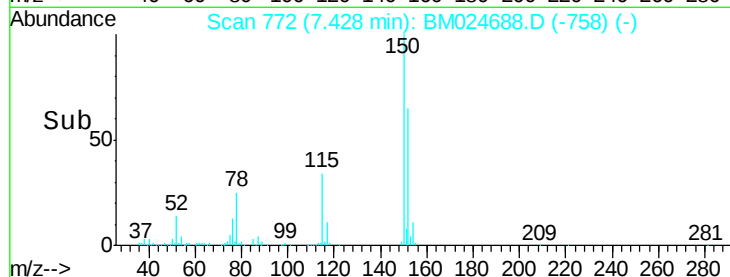
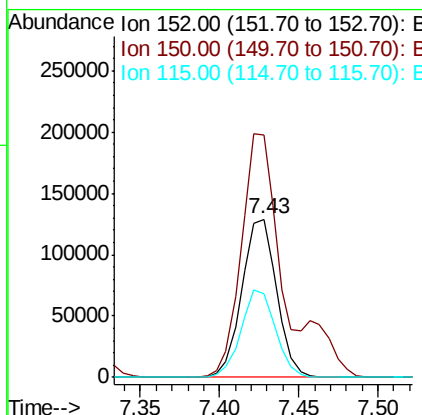
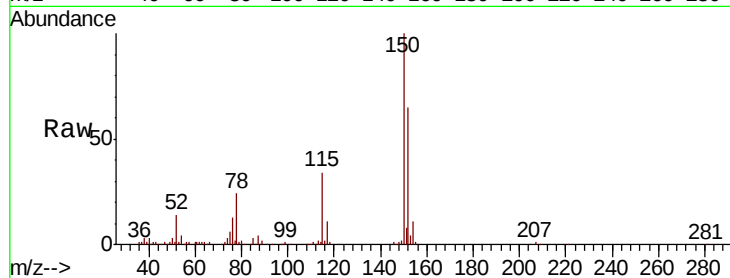
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Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.2	186.4
115	52.7	48.6	72.8

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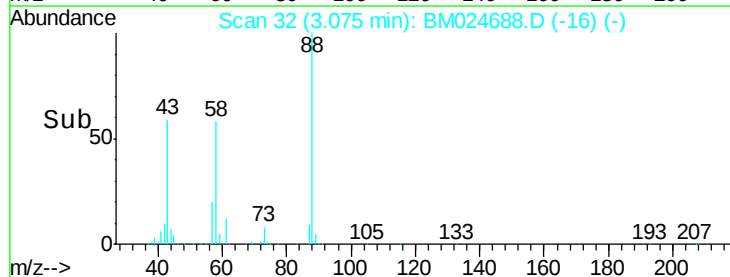
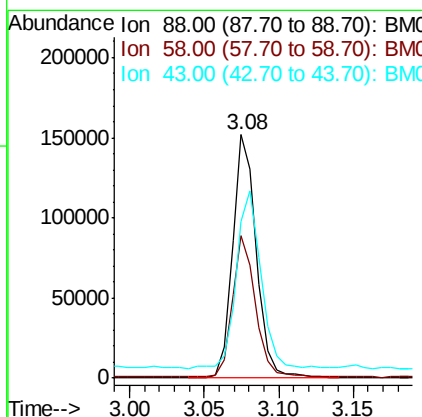
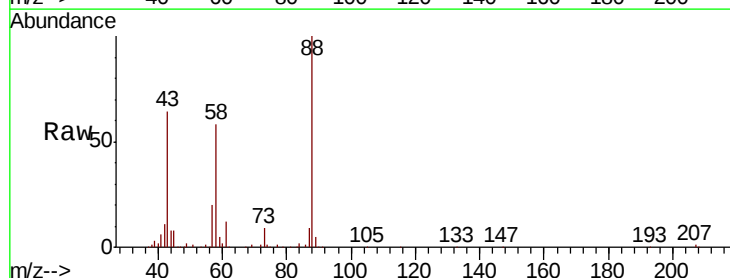
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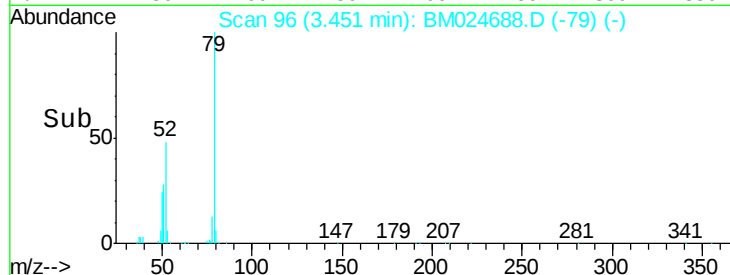
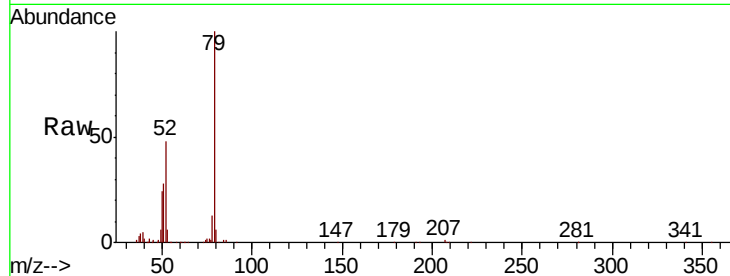
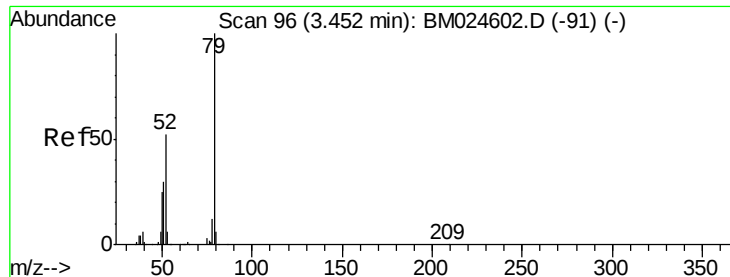


#2

1,4-Dioxane
Concen: 41.469 ng
RT: 3.08 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	50.0	75.0
43	75.3	21.6	32.4





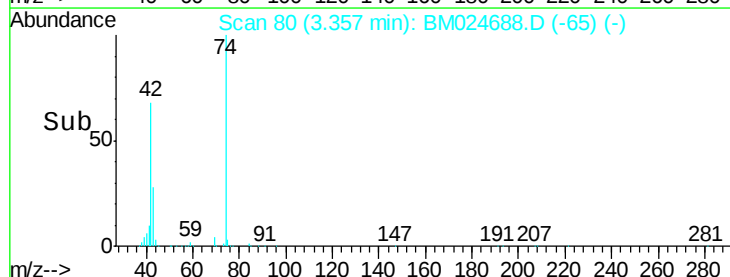
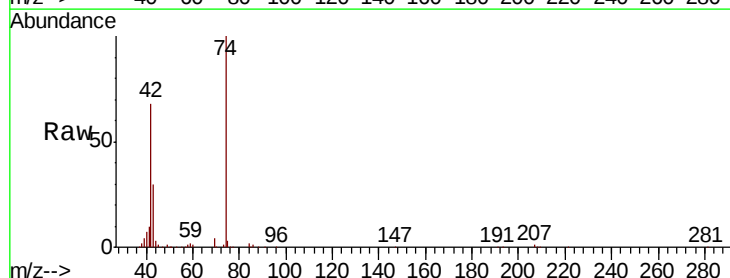
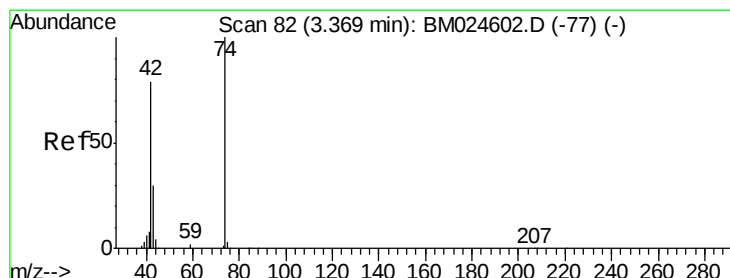
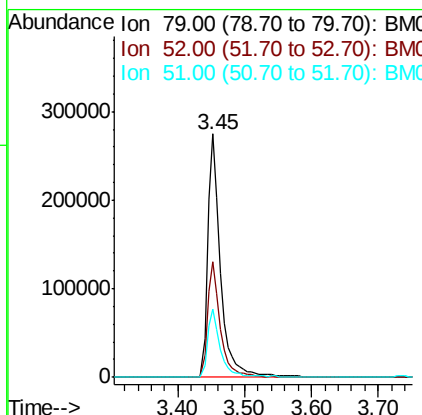
#3
 Pvridine
 Concen: 31.142 ng
 RT: 3.45 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.5	41.4	62.2
51	28.1	23.8	35.8

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MSD

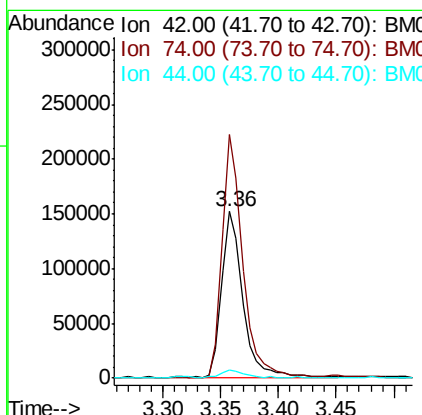
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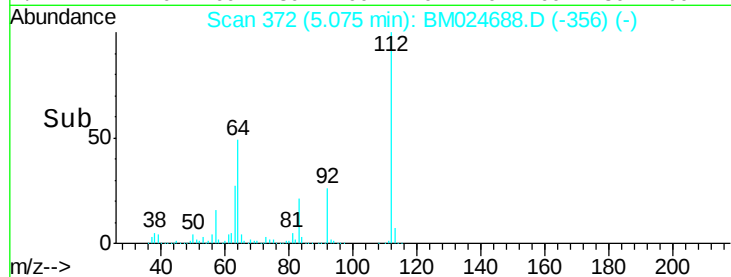
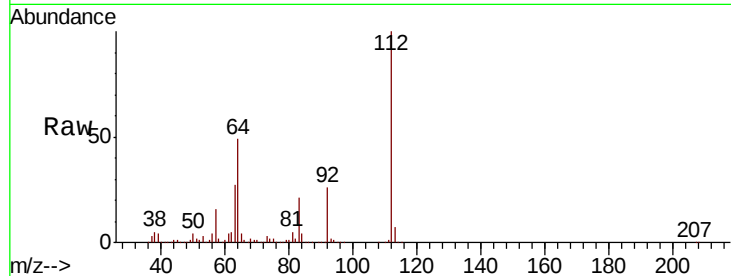
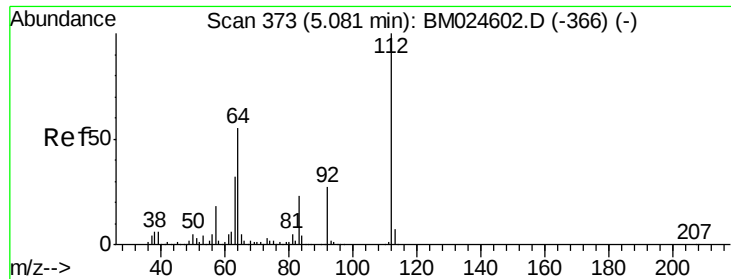
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#4
 n-Nitrosodimethylamine
 Concen: 36.404 ng
 RT: 3.36 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.3	101.4	152.2
44	5.0	4.6	6.8





#5

2-Fluorophenol

Concen: 141.835 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tot Ion:	112	Resp:	1468163
Ion	Ratio	Lower	Upper
112	100		
64	49.1	44.2	66.4
63	27.4	25.9	38.9

Instrument :

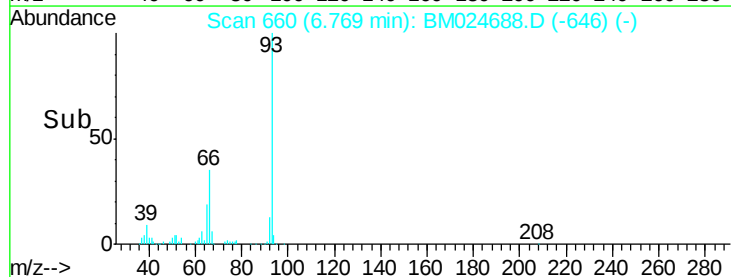
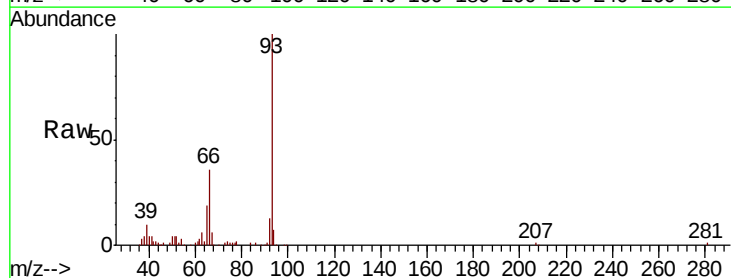
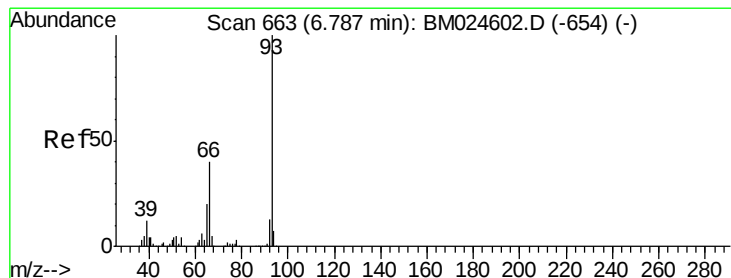
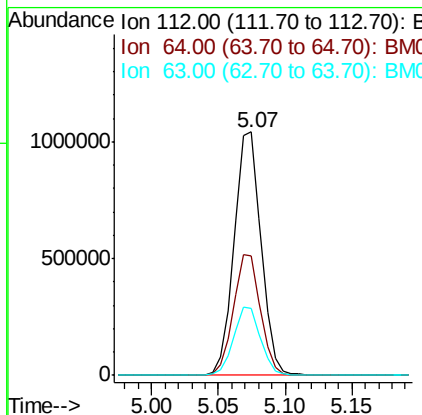
BNA_M

ClientSampleId :

BU-01-012920MSD

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#6

Aniline

Concen: 11.448 ng

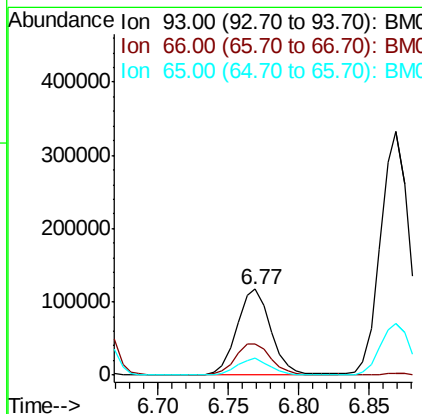
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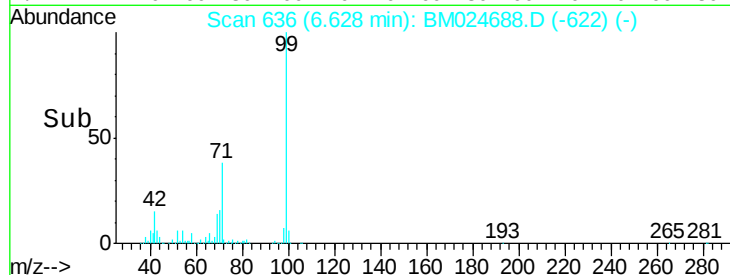
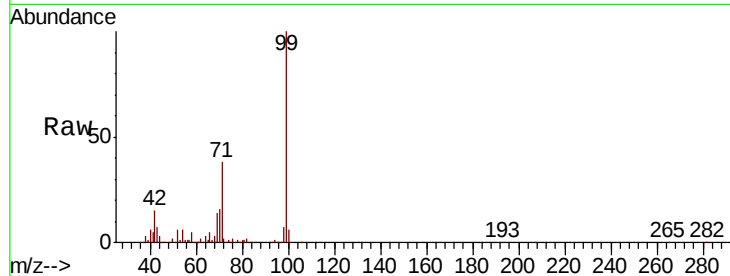
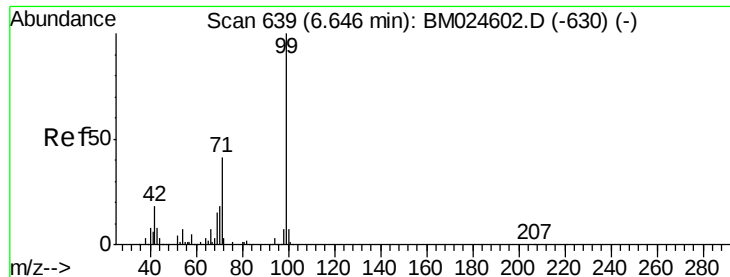
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	93	Resp:	198731
Ion	Ratio	Lower	Upper
93	100		
66	36.4	31.8	47.8
65	19.4	15.8	23.6





#7

Phenol-d6

Concen: 123.327 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024688.D

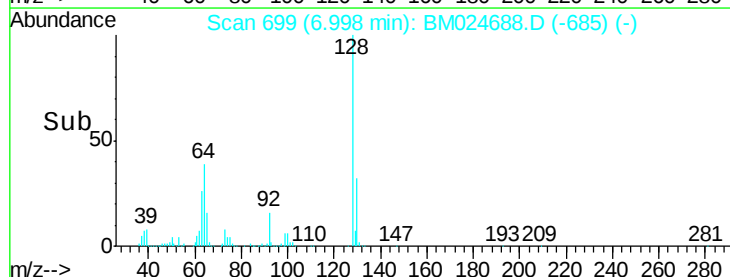
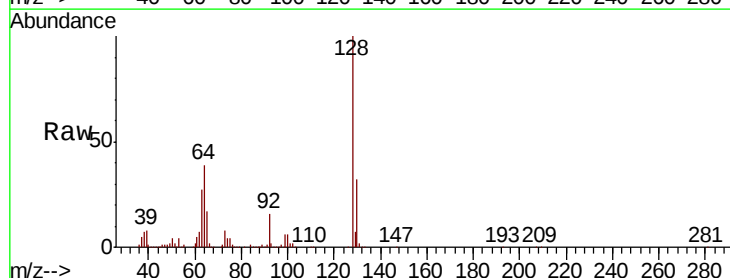
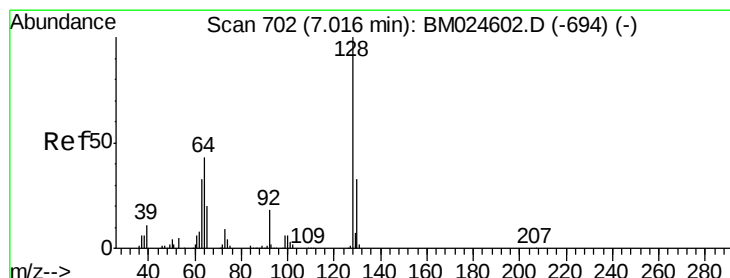
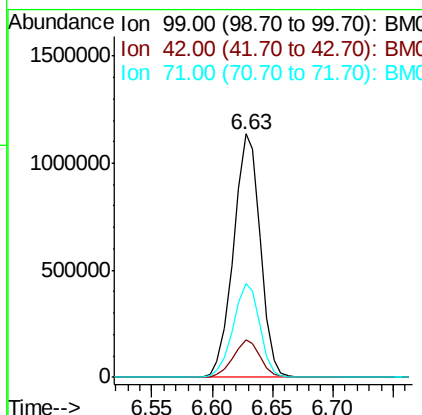
Acq: 31 Jan 2020 22:46

Tot Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.1	21.1
71	38.5	33.0	49.6

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.955 ng

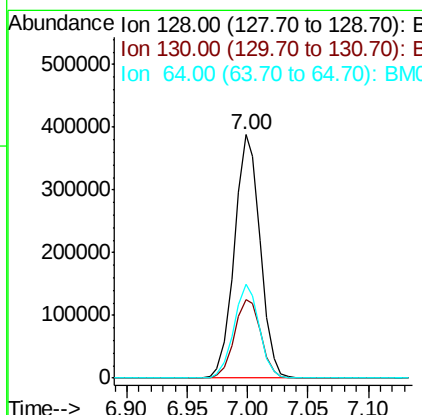
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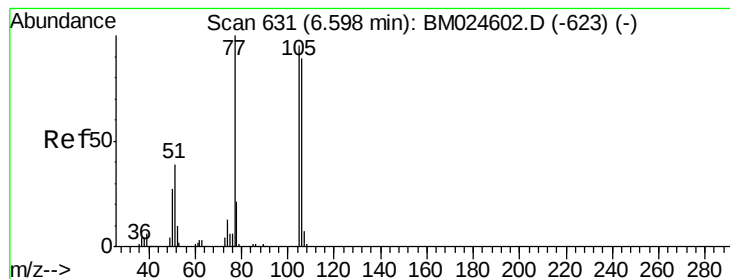
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	38.5	26.1	66.1





#9

Benzaldehyde

Concen: 29.986 ng

RT: 6.57 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion: 77 Resp: 252649

Ion Ratio Lower Upper

77 100

105 101.2 75.2 115.2

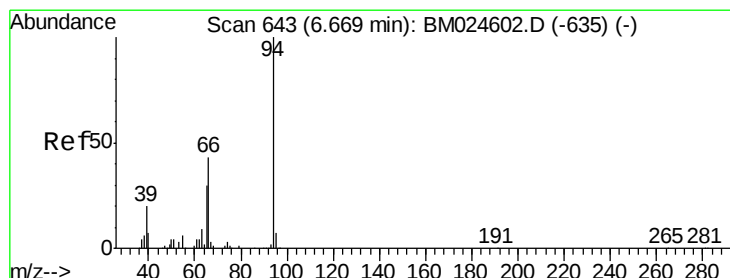
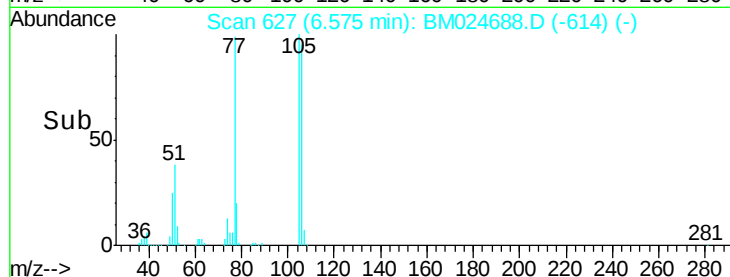
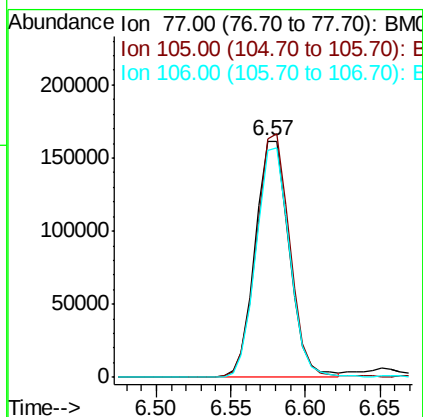
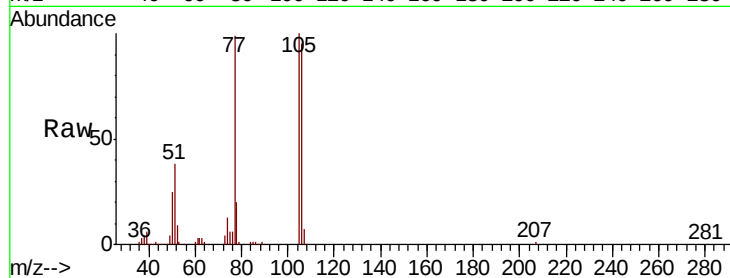
106 95.9 68.6 108.6

Manual Integrations

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#10

Phenol

Concen: 47.494 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

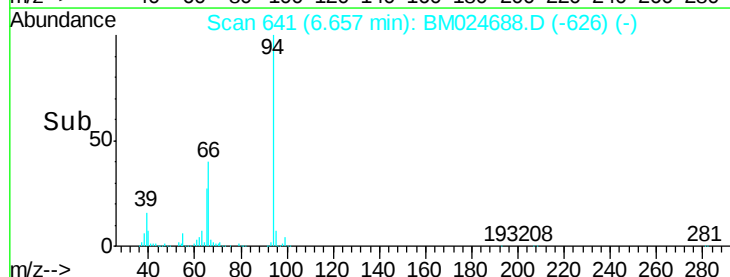
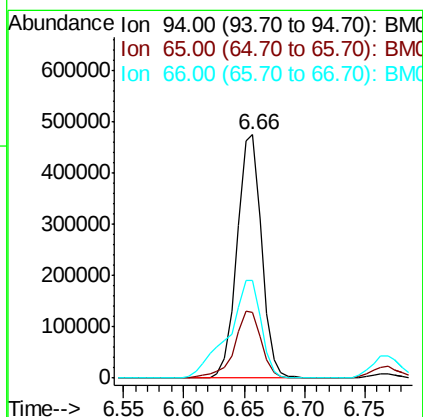
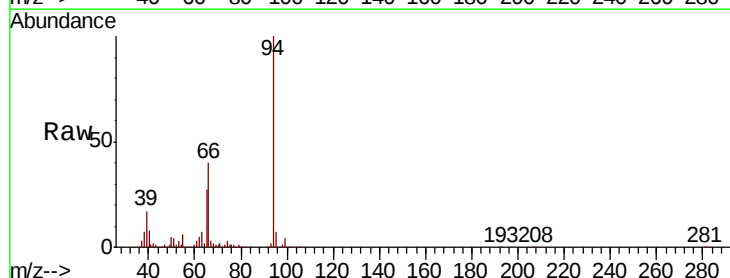
Tgt Ion: 94 Resp: 675088

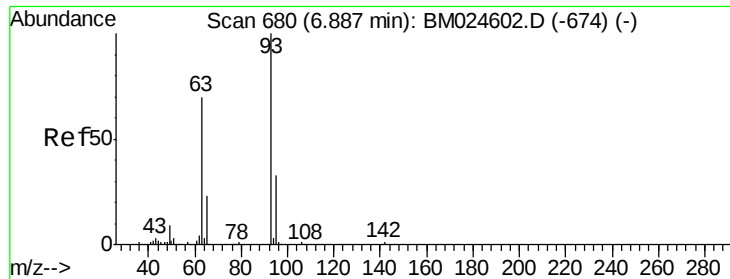
Ion Ratio Lower Upper

94 100

65 27.2 10.3 50.3

66 40.1 24.8 64.8





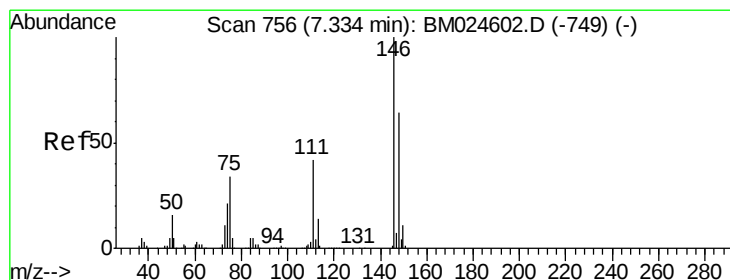
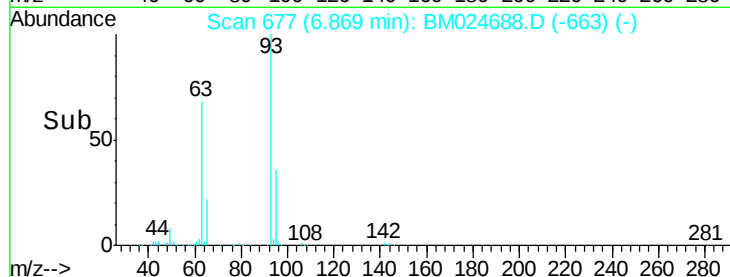
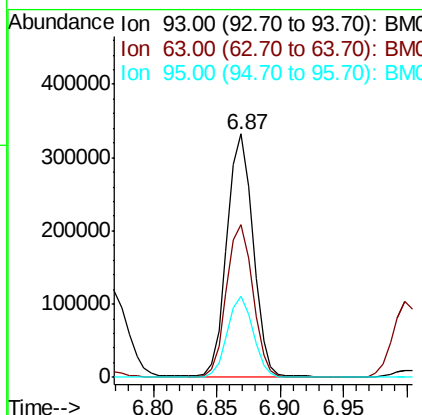
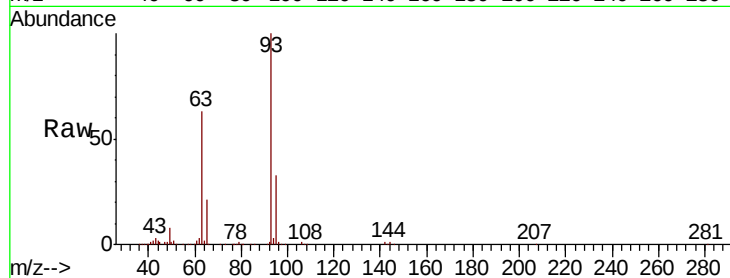
#11
bis(2-Chloroethyl)ether
Concen: 41.630 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	62.6	49.6	89.6
95	33.0	12.6	52.6

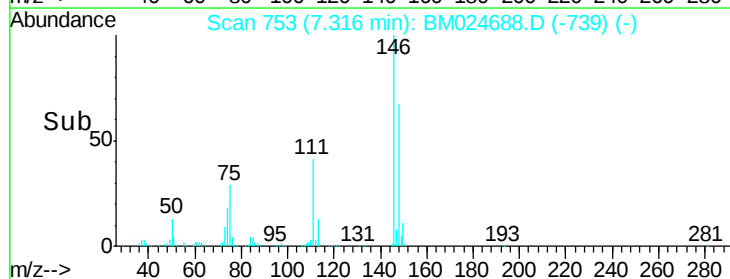
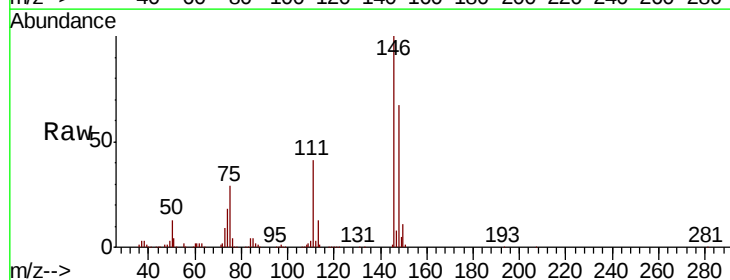
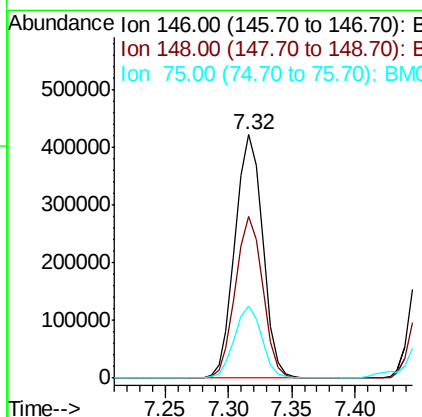
Manual Integrations
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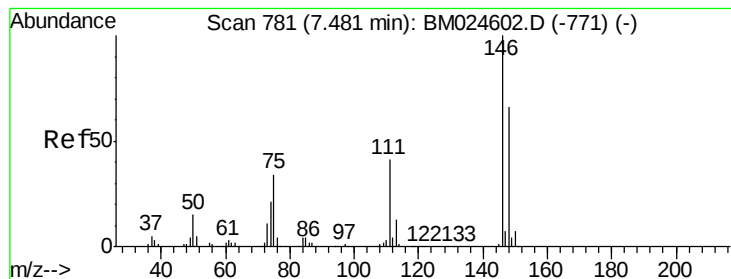
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.127 ng
RT: 7.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.0	76.6
75	29.5	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 44.547 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

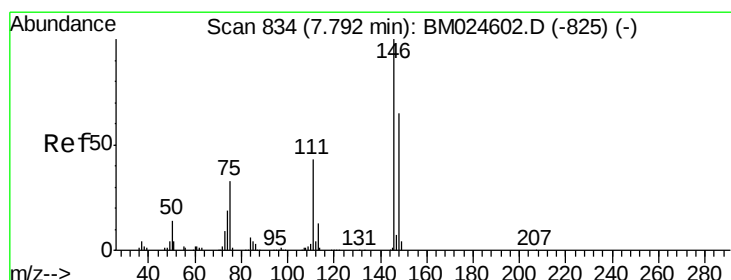
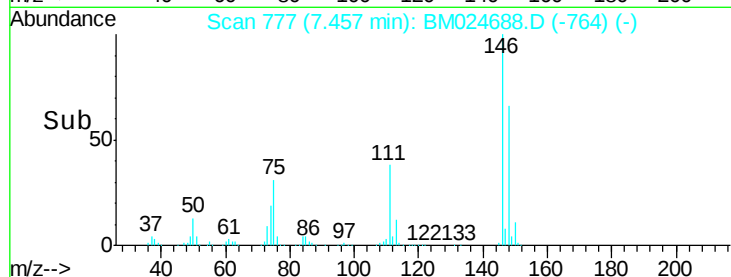
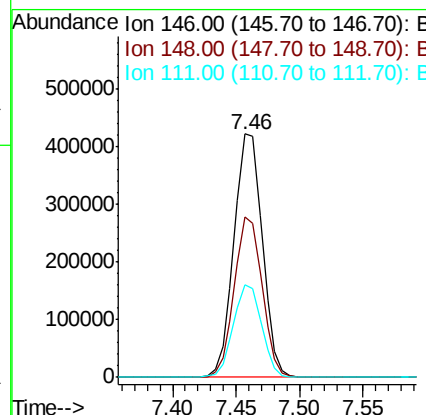
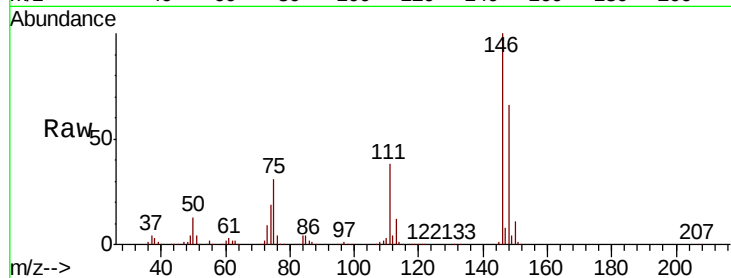
ClientSampleId :

BU-01-012920MSD

Tot Ion:	146	Resp:	654208
Ion Ratio	Lower	Upper	
146	100		
148	66.1	52.5	78.7
111	38.2	33.0	49.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.717 ng

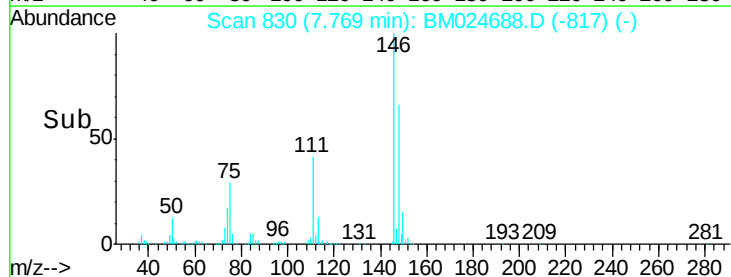
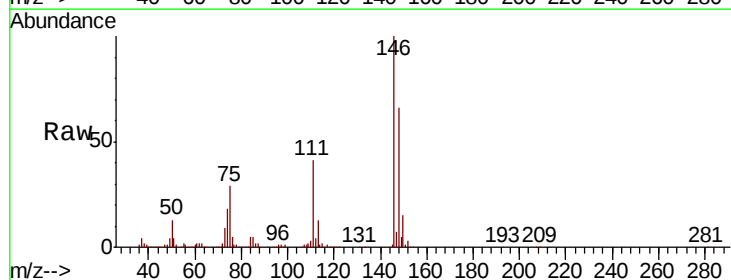
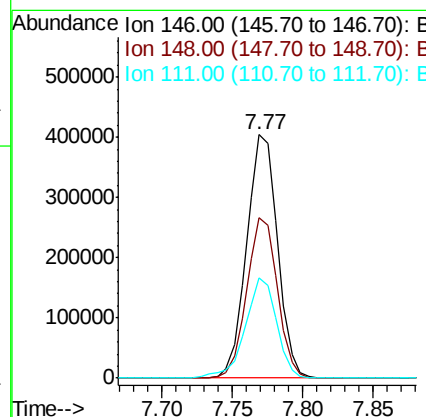
RT: 7.77 min Scan# 830

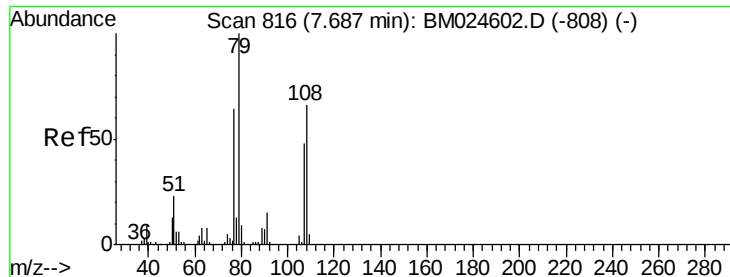
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	146	Resp:	619723
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.9	77.9
111	41.2	34.5	51.7





#15

Benzyl Alcohol

Concen: 40.685 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion: 79 Resp: 478328

Ion Ratio Lower Upper

79 100

108 73.8 53.0 79.4

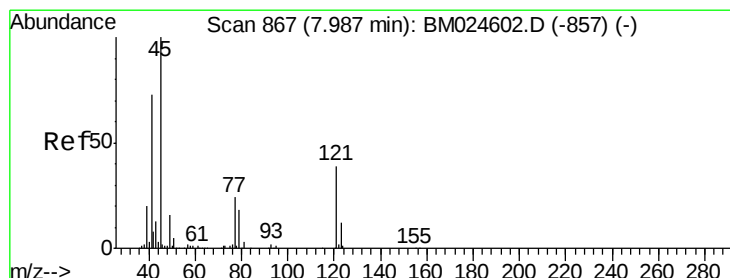
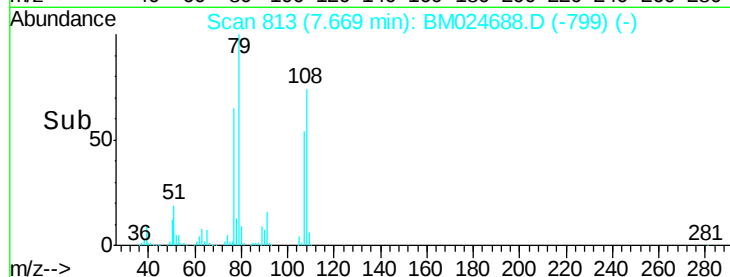
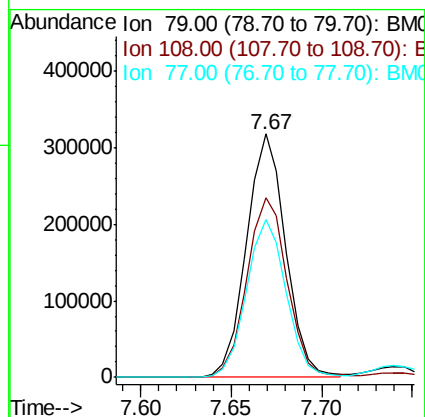
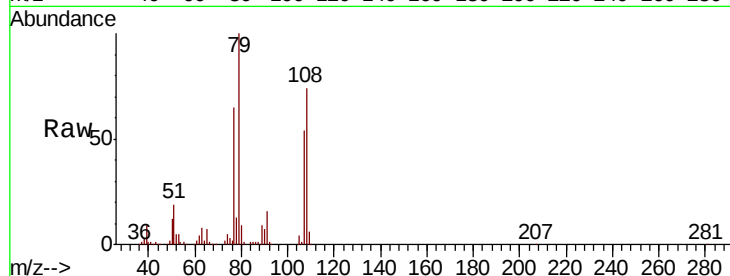
77 64.9 50.8 76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.006 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

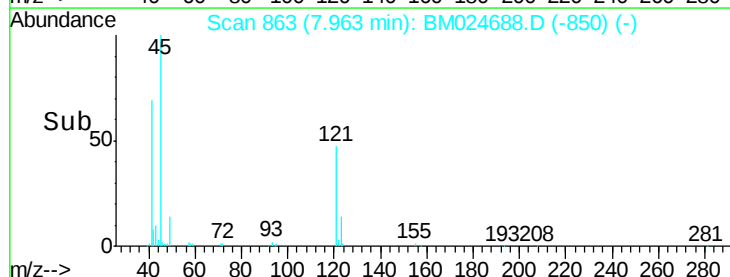
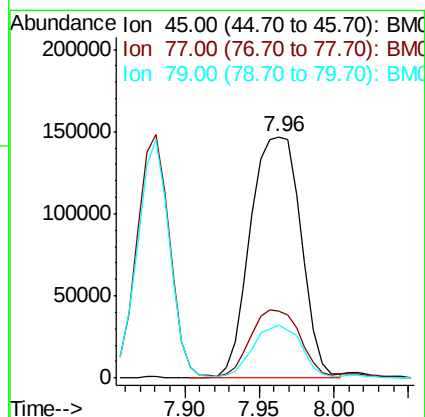
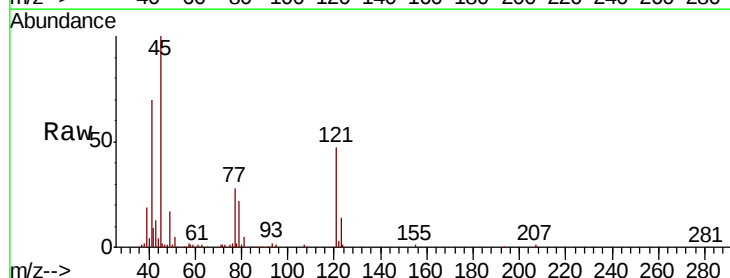
Tgt Ion: 45 Resp: 343825

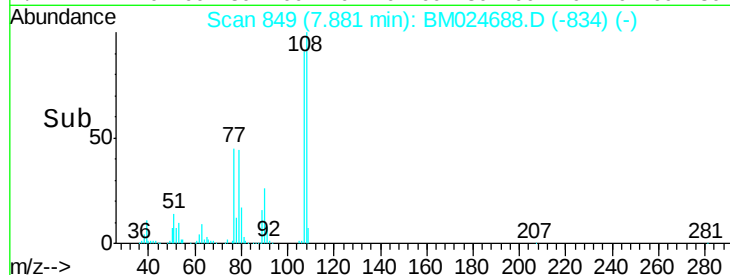
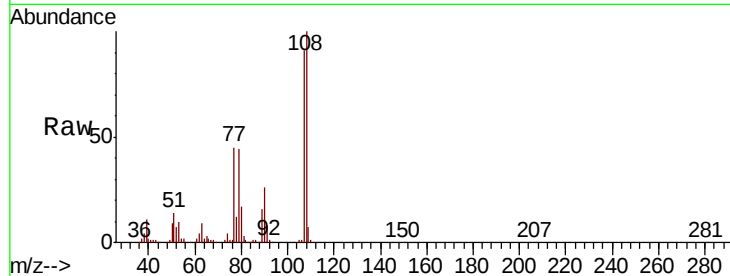
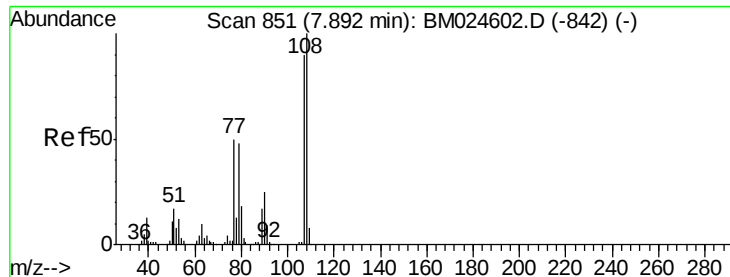
Ion Ratio Lower Upper

45 100

77 27.7 5.2 45.2

79 21.8 0.0 39.4





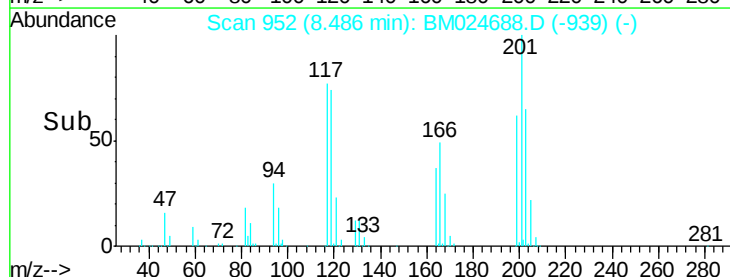
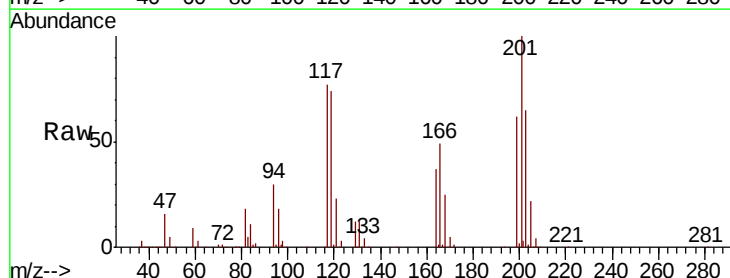
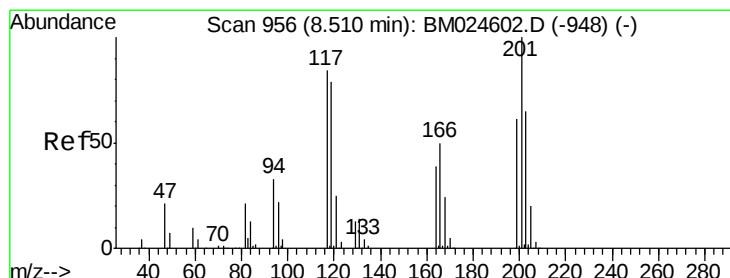
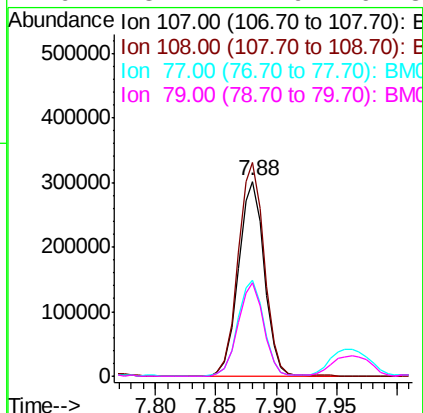
#17
2-Methylphenol
Concen: 45.150 ng
RT: 7.88 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	88.9	133.3	
77	49.1	44.5	66.7	
79	48.2	42.9	64.3	

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

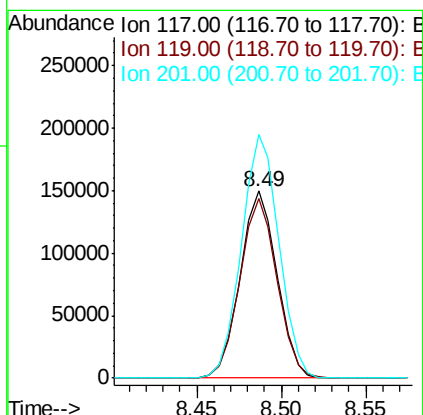
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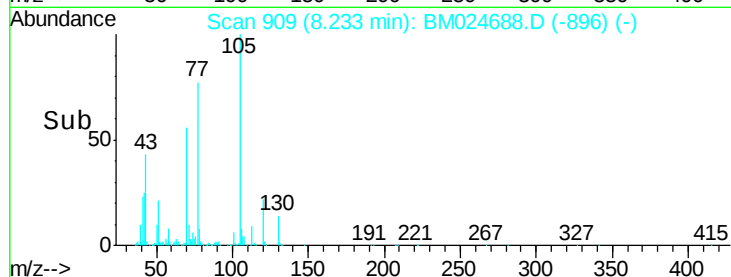
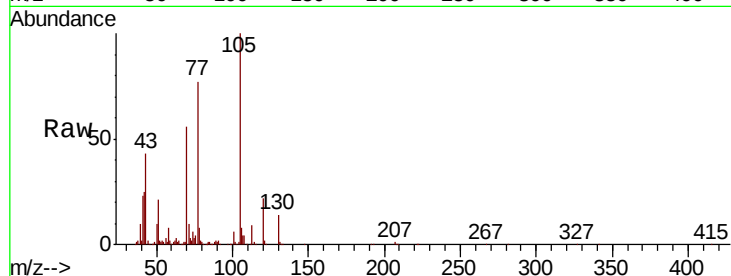
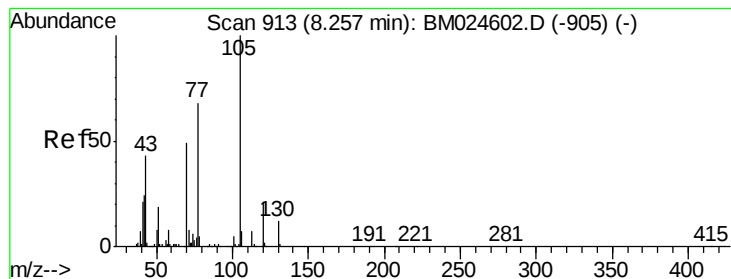
mohammad
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#18
Hexachloroethane
Concen: 40.096 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.4	113.2	
201	130.2	95.8	143.6	





#19

n-Nitroso-di-n-propylamine

Concen: 35.466 ng

RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.0	60.0
101	11.5	8.2	12.2
130	24.6	18.6	27.8

Instrument :

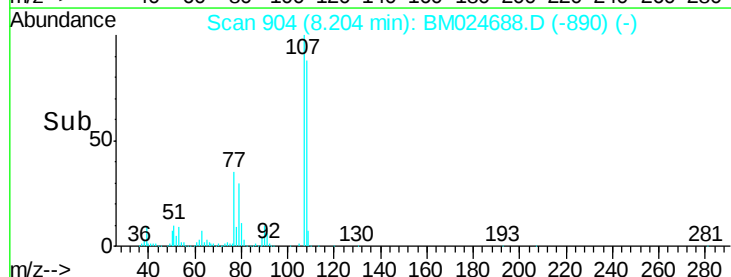
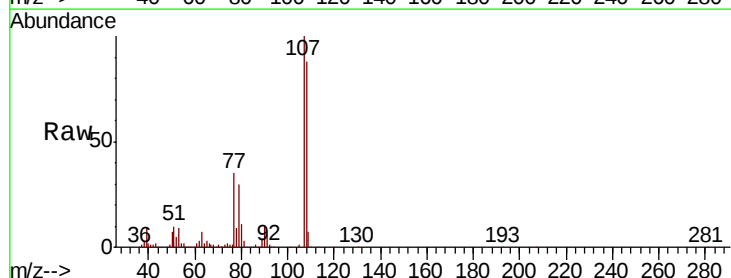
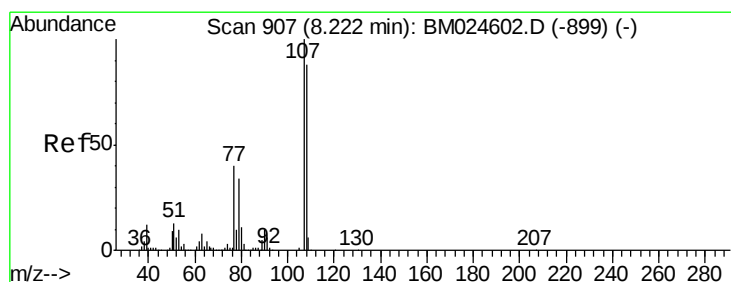
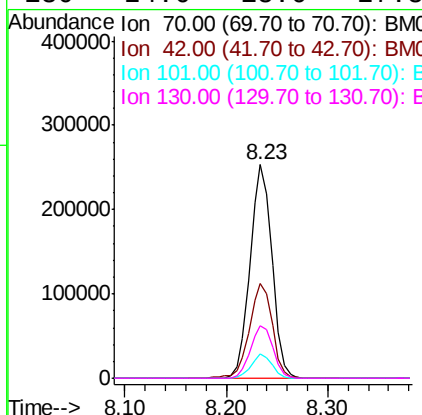
BNA_M

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 43.890 ng

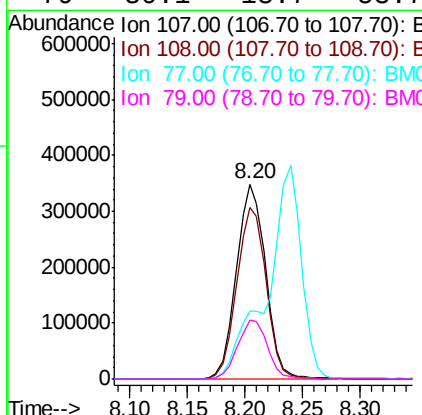
RT: 8.20 min Scan# 904

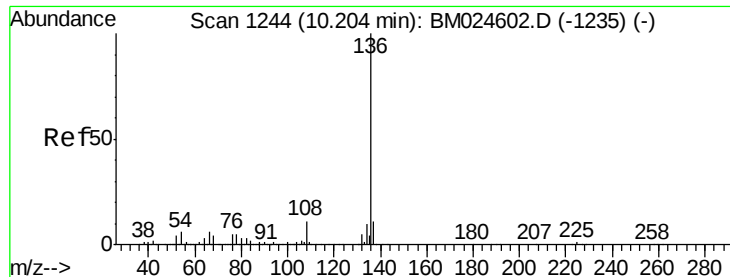
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.0	108.0
77	35.0	19.9	59.9
79	30.1	13.7	53.7





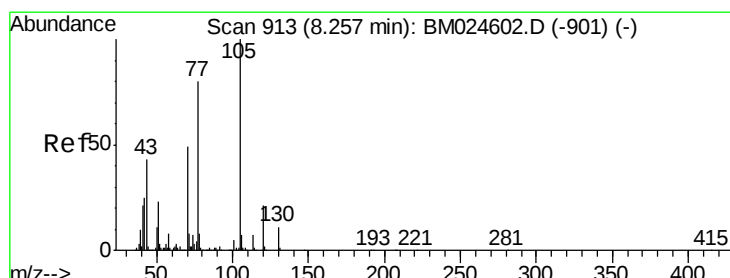
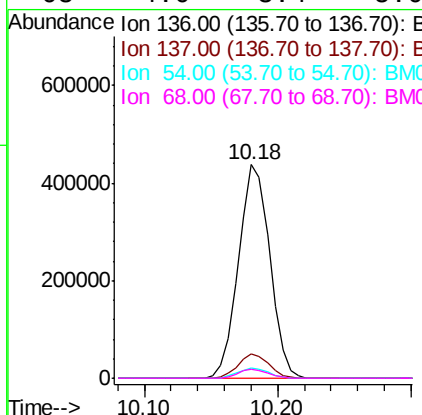
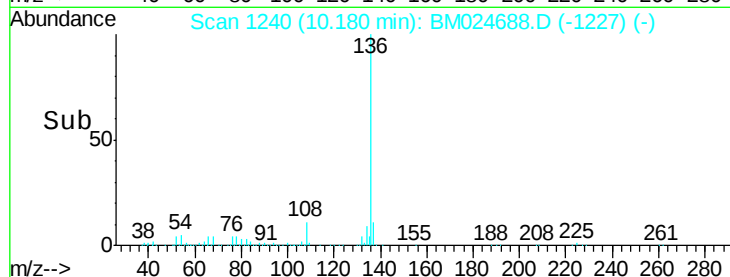
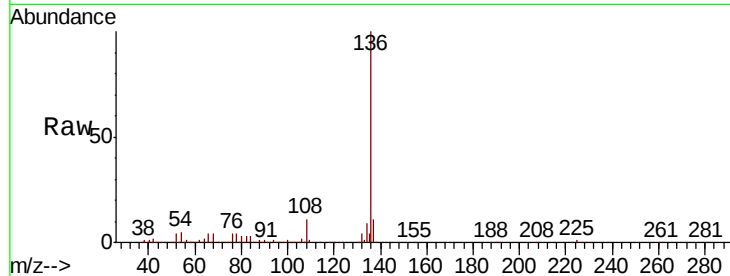
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.18 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		708581		
137	11.3	8.6	13.0		
54	4.7	4.5	6.7		
68	4.0	3.4	5.0		

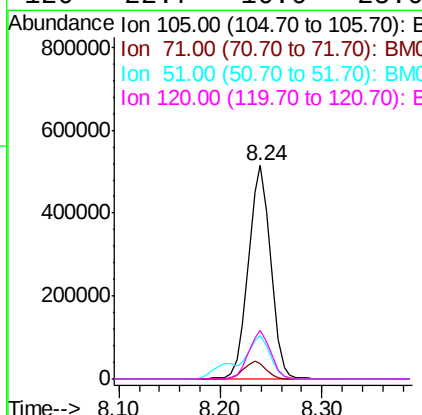
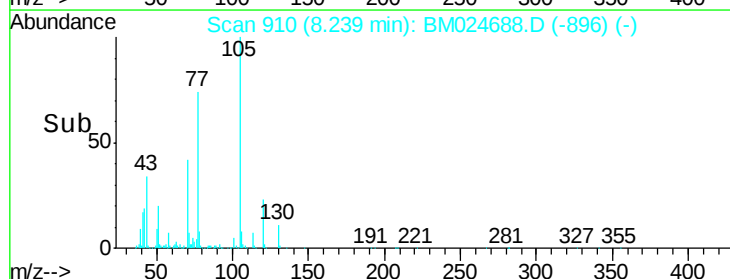
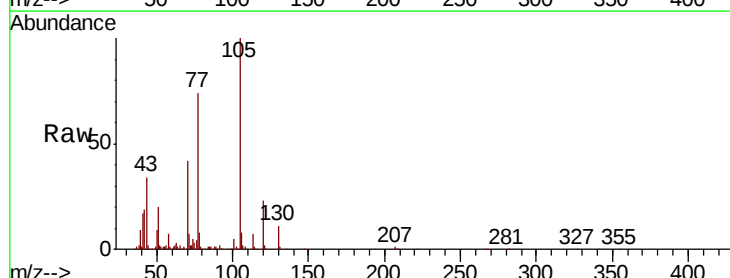
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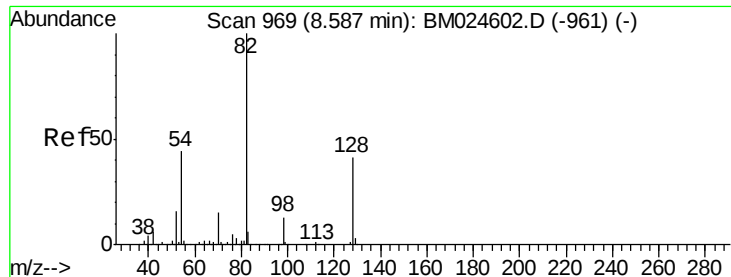
mohammad
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#22
Acetophenone
Concen: 43.131 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		788050		
71	7.0	6.7	10.1		
51	20.2	18.5	27.7		
120	22.7	16.6	25.0		





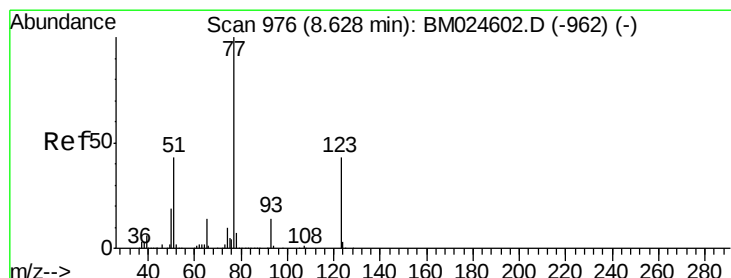
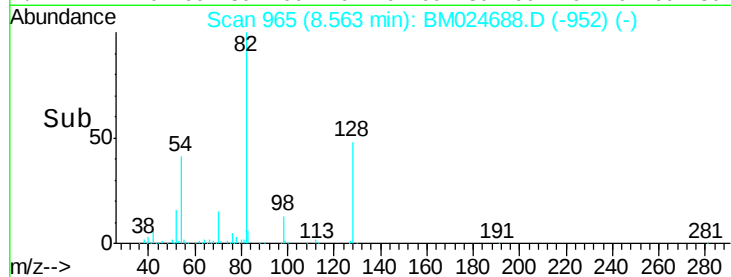
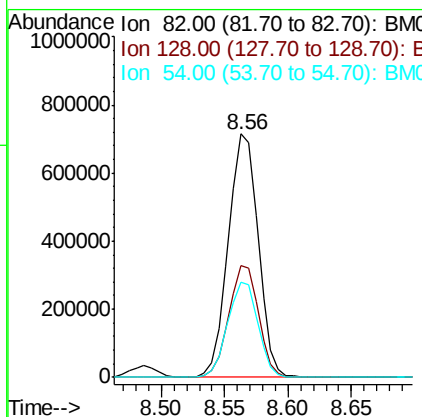
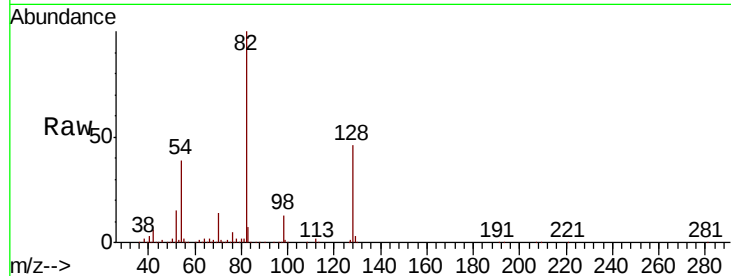
#23
 Nitrobenzene-d5
 Concen: 80.665 ng
 RT: 8.56 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.6	48.8
54	39.2	34.8	52.2

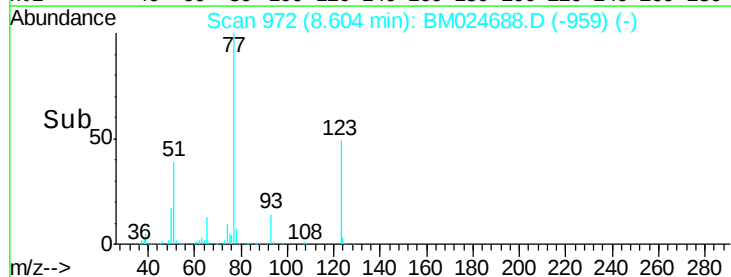
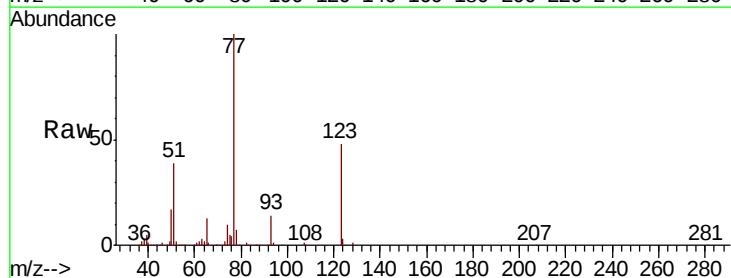
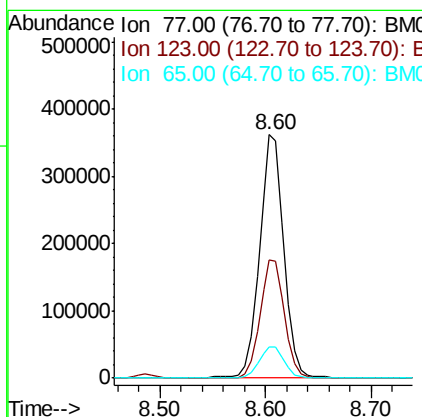
Manual Integrations
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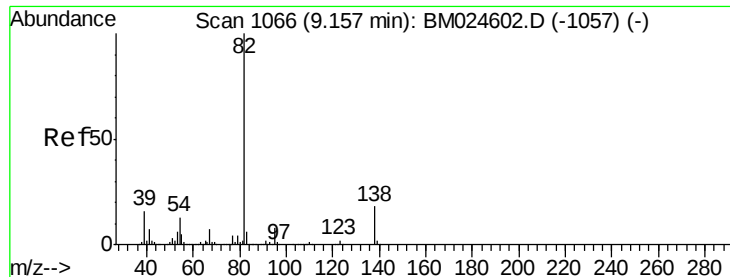
mohammad
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#24
 Nitrobenzene
 Concen: 41.471 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	34.6	52.0
65	13.0	11.0	16.4





#25

Isophorone

Concen: 42.842 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion: 82 Resp: 1051787

Ion Ratio Lower Upper

82 100

95 8.0 6.7 10.1

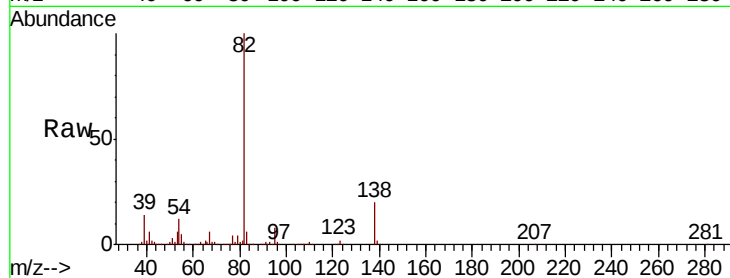
138 20.5 14.7 22.1

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Abundance Ion 82.00 (81.70 to 82.70): BM024688.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM024688.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM024688.D (-1049) (-)

9.13

800000

600000

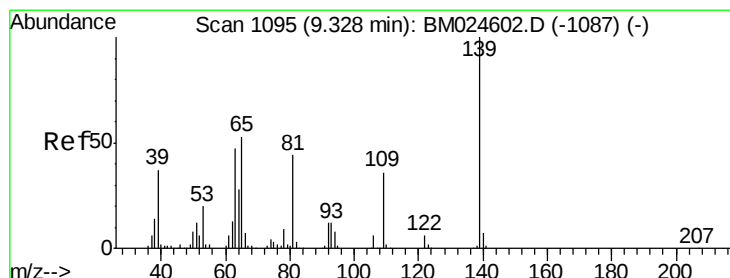
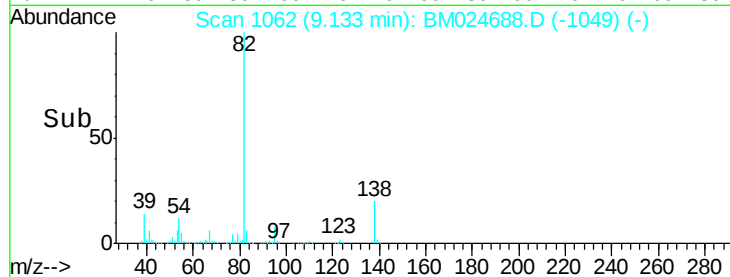
400000

200000

0

9.05 9.10 9.15 9.20 9.25

Time-->



#26

2-Nitrophenol

Concen: 51.642 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

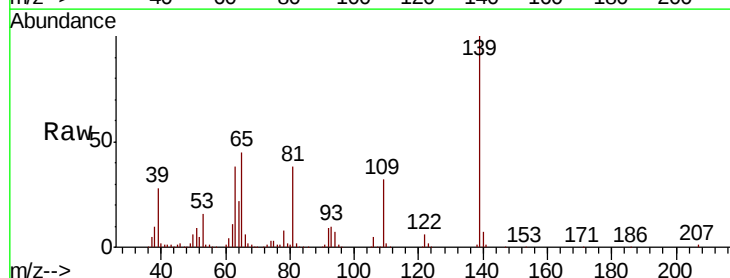
Tgt Ion: 139 Resp: 331096

Ion Ratio Lower Upper

139 100

109 31.7 28.8 43.2

65 44.9 42.6 63.8



Abundance Ion 139.00 (138.70 to 139.70): BM024688.D (-1078) (-)

Ion 109.00 (108.70 to 109.70): BM024688.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BM024688.D (-1078) (-)

9.31

250000

200000

150000

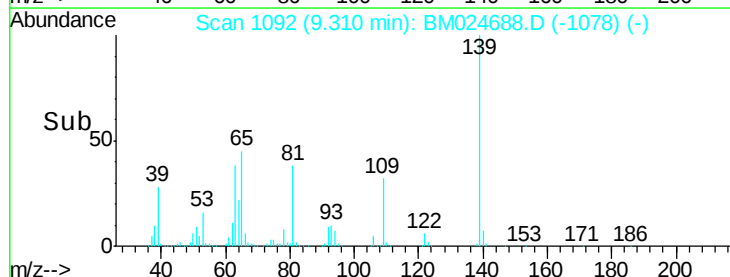
100000

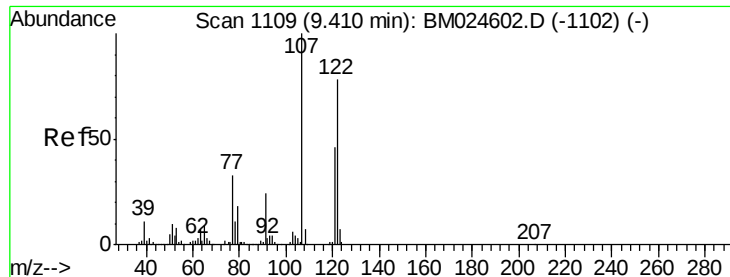
50000

0

9.25 9.30 9.35 9.40

Time-->





#27

2,4-Dimethylphenol

Concen: 58.492 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

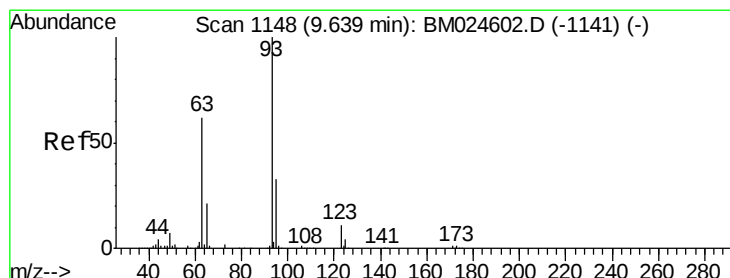
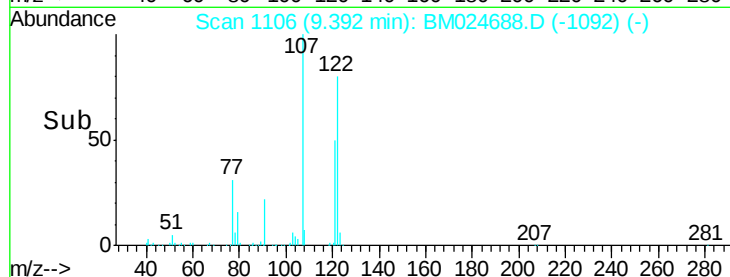
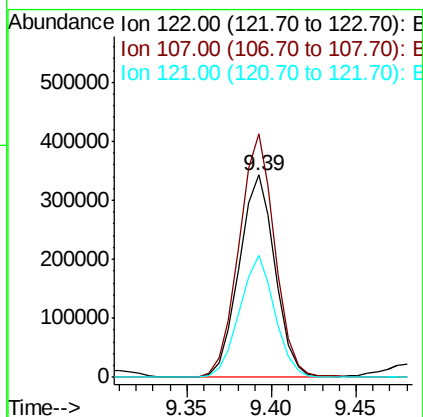
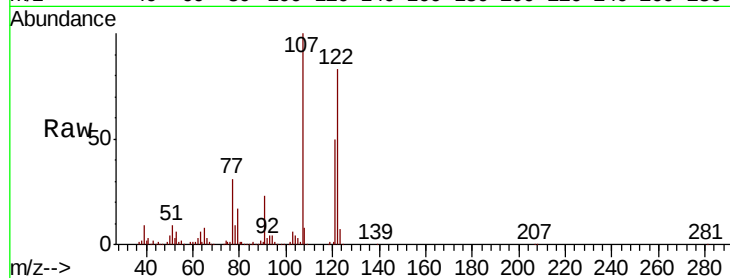
ClientSampleId :

BU-01-012920MSD

Tot Ion:	122	Resp:	509607
Ion Ratio	Lower	Upper	
122	100		
107	120.2	102.5	153.7
121	60.4	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 42.755 ng

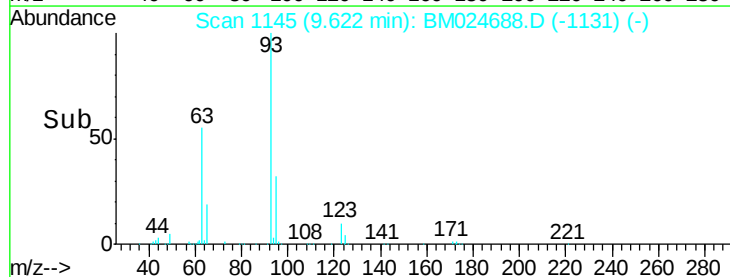
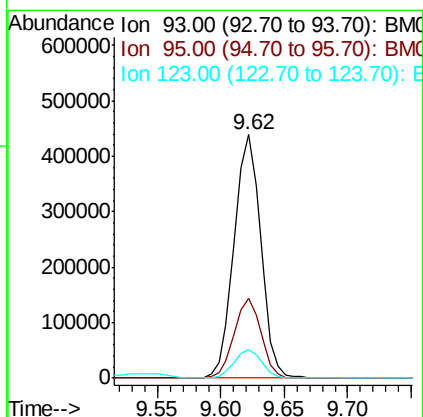
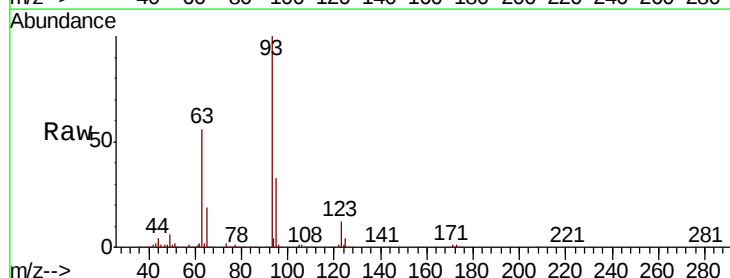
RT: 9.62 min Scan# 1145

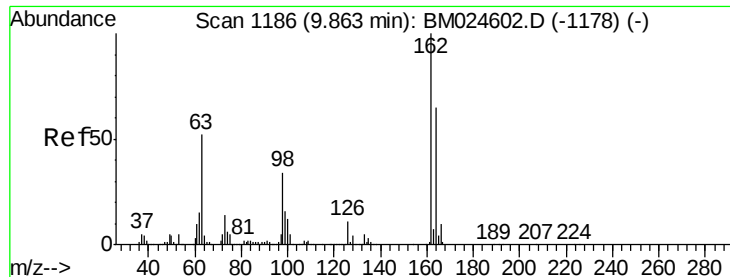
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	93	Resp:	641215
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.1	39.1
123	11.8	8.7	13.1





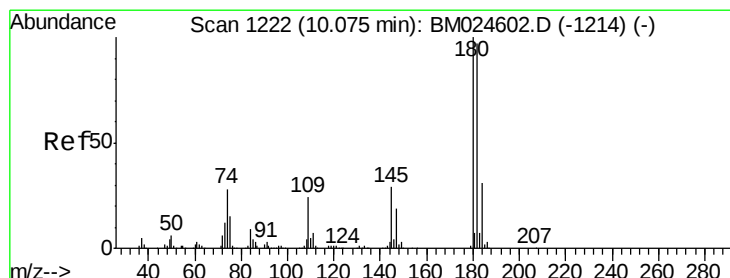
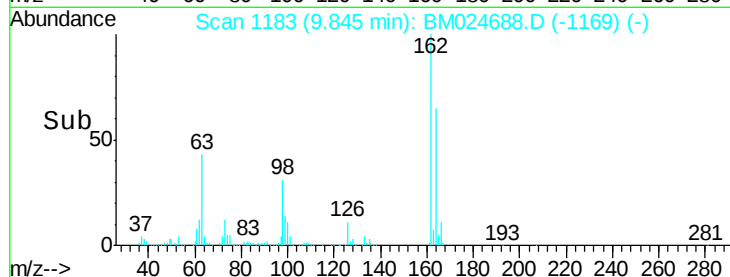
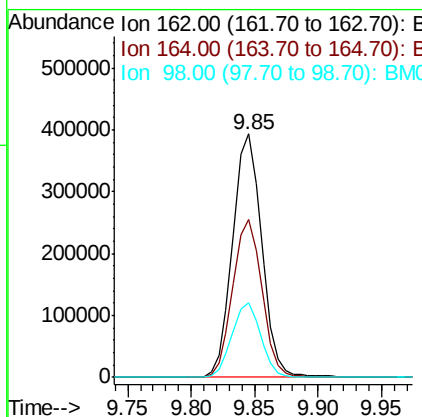
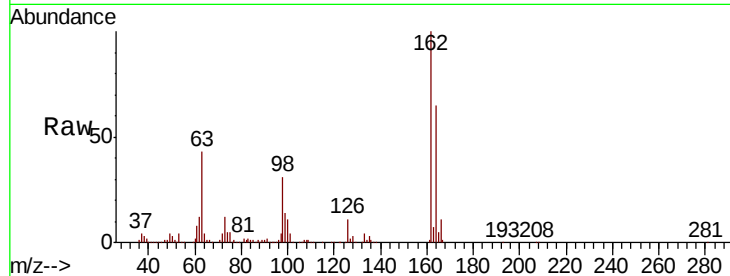
#29
2,4-Dichlorophenol
Concen: 53.217 ng
RT: 9.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	626400		
164	65.1	44.5	84.5	
98	30.9	14.2	54.2	

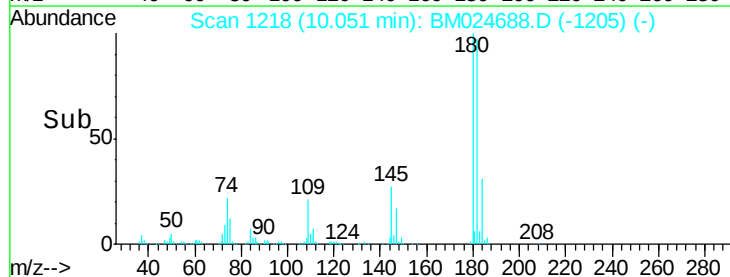
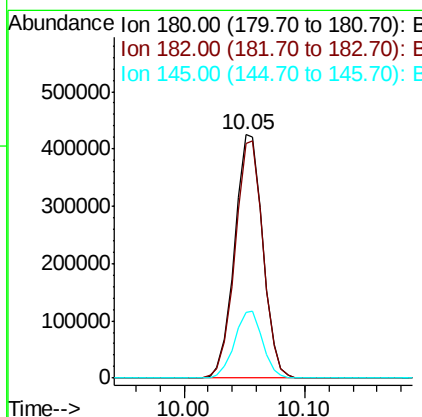
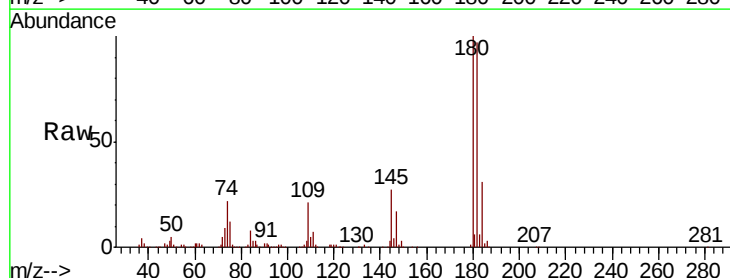
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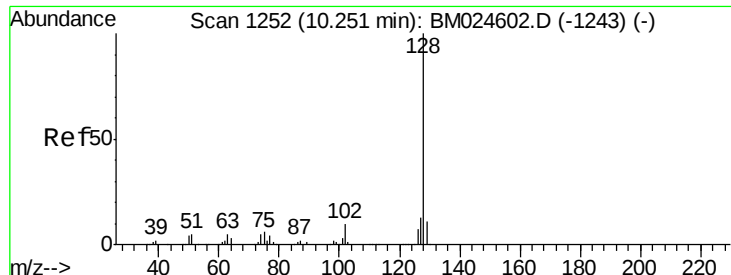
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#30
1,2,4-Trichlorobenzene
Concen: 48.807 ng
RT: 10.05 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	692873		
182	96.6	77.8	116.6	
145	27.1	22.9	34.3	





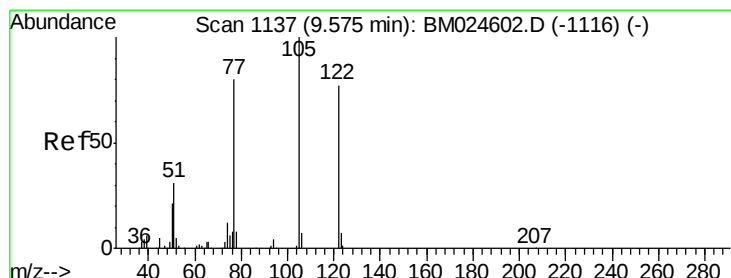
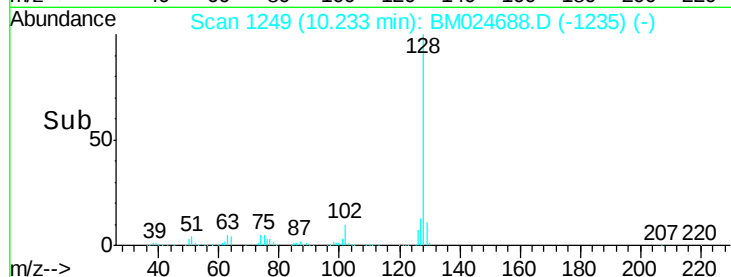
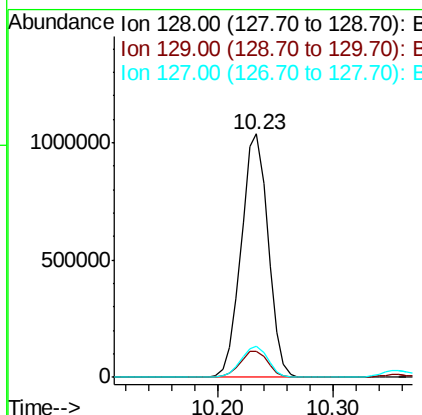
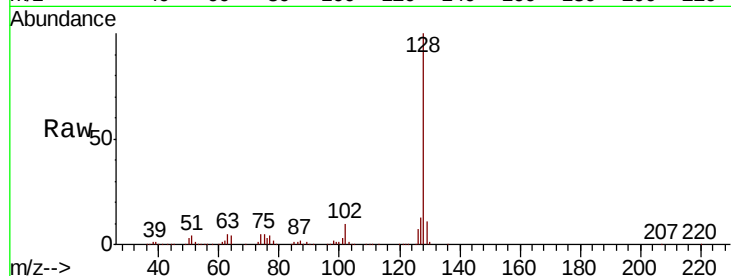
#31
Naphthalene
Concen: 46.919 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.0	10.6	15.8

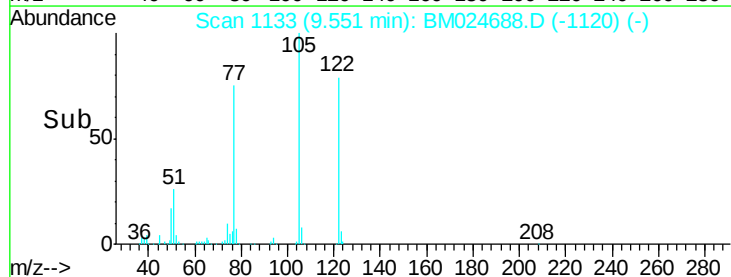
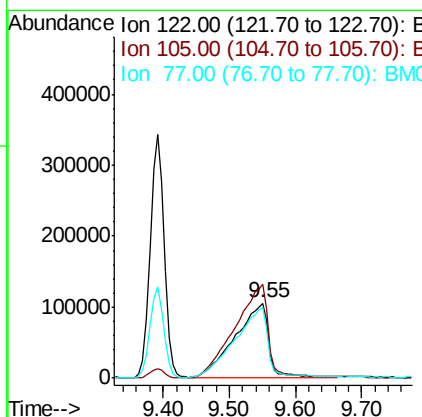
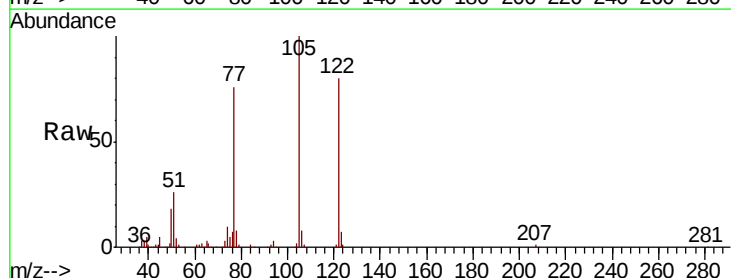
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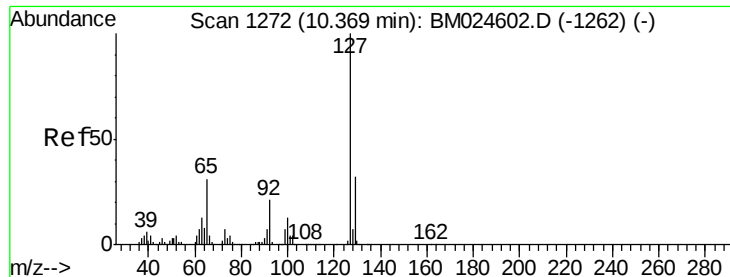
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#32
Benzoic acid
Concen: 46.997 ng m
RT: 9.55 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	107.7	147.7
77	94.8	83.8	123.8





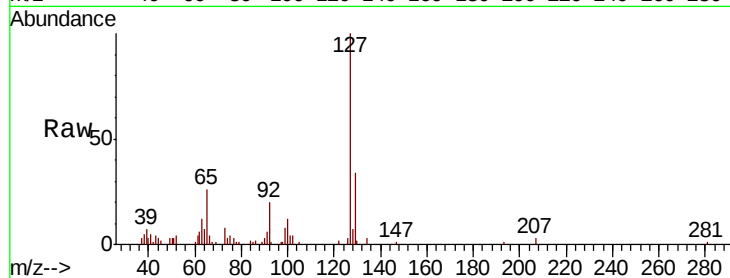
#33
4-Chloroaniline
Concen: 4.109 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64466		
129	34.1	25.9	38.9		
65	25.8	25.1	37.7		
92	20.0	16.6	25.0		

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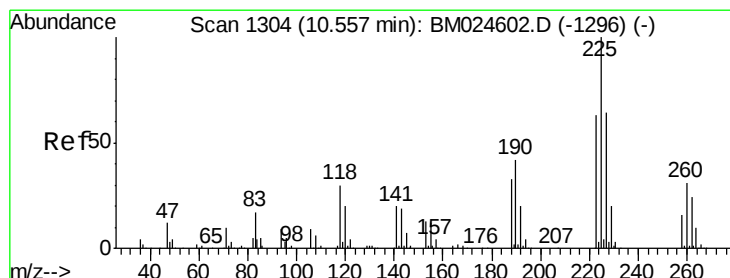
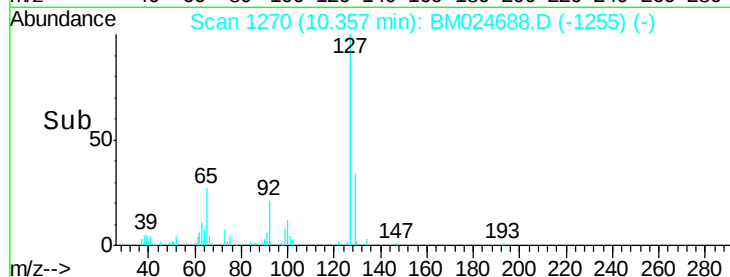
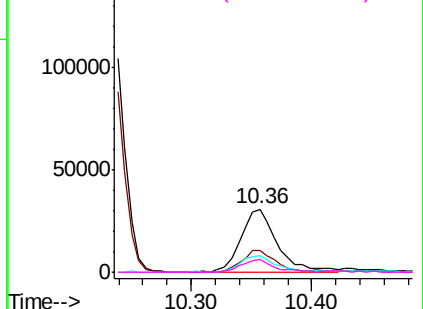
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

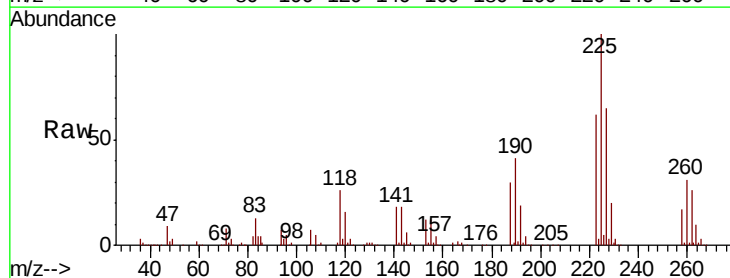
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 46.497 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		456303		
223	61.5	50.7	76.1		
227	64.8	51.4	77.0		

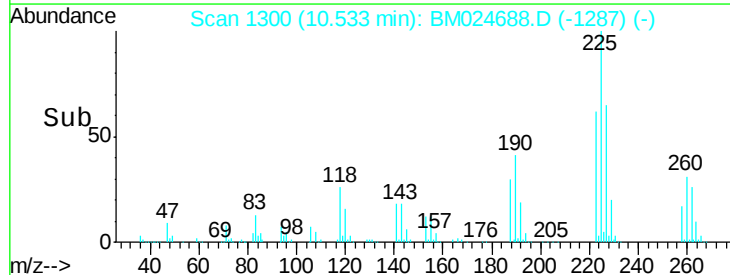
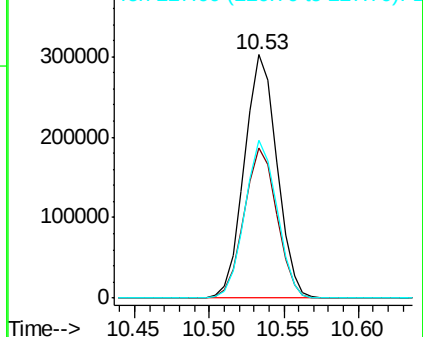


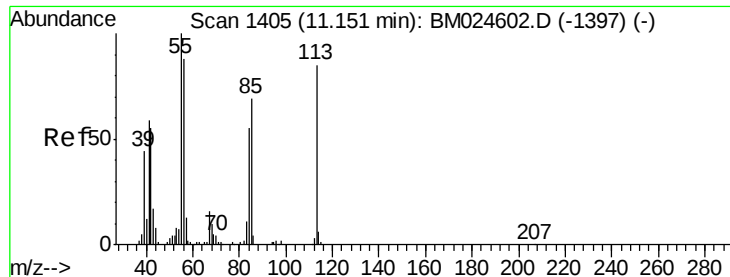
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.688 ng/ml

RT: 11.13 min Scan# 1401

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

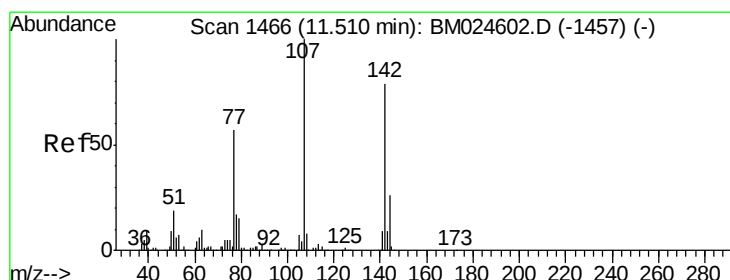
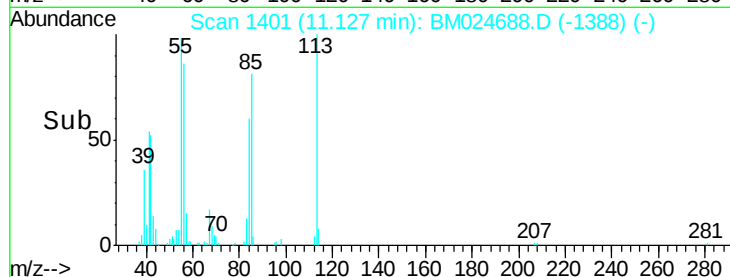
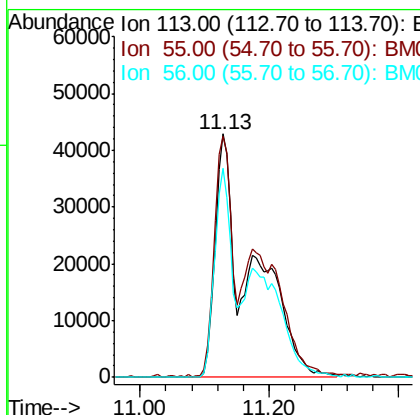
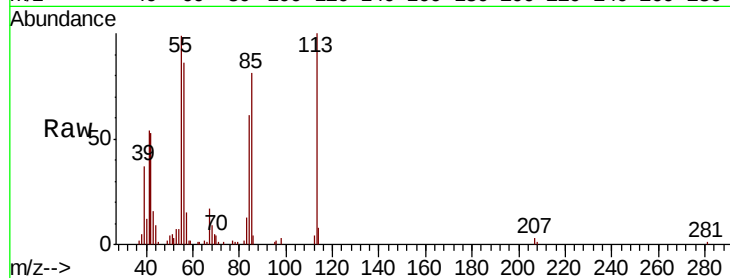
ClientSampleId :

BU-01-012920MSD

Tot Ion:	113	Resp:	164981
Ion Ratio	Lower	Upper	
113	100		
55	99.2	97.5	137.5
56	85.7	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 47.088 ng/ml

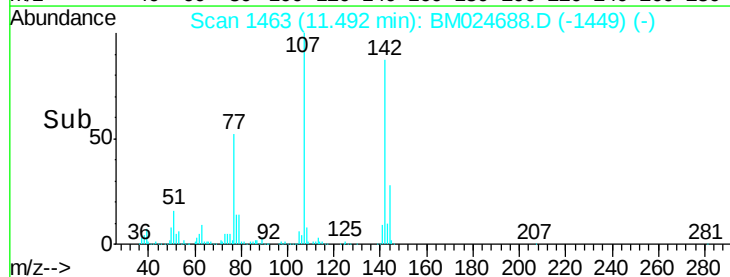
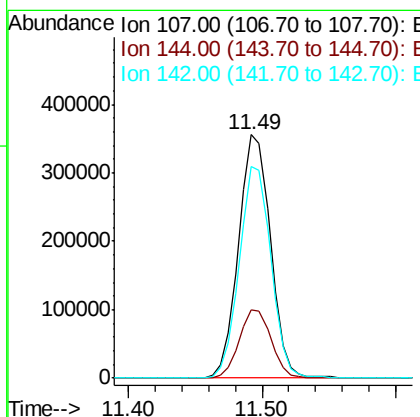
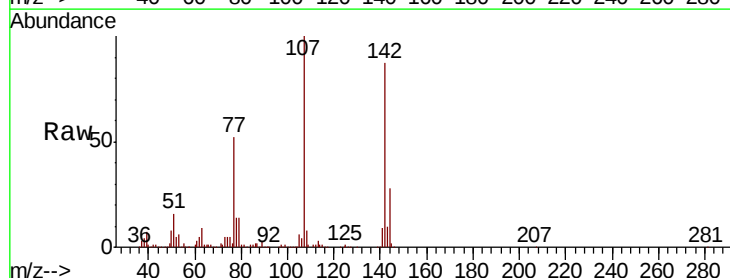
RT: 11.49 min Scan# 1463

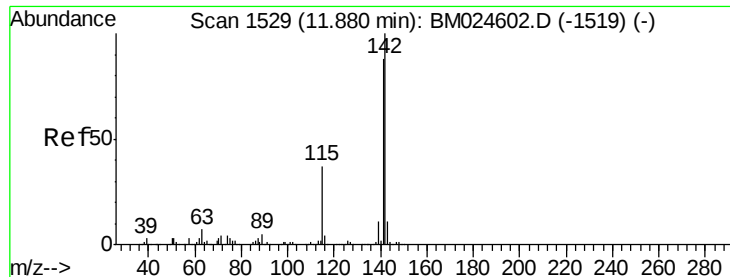
Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	107	Resp:	589366
Ion Ratio	Lower	Upper	
107	100		
144	27.9	20.5	30.7
142	87.2	62.8	94.2





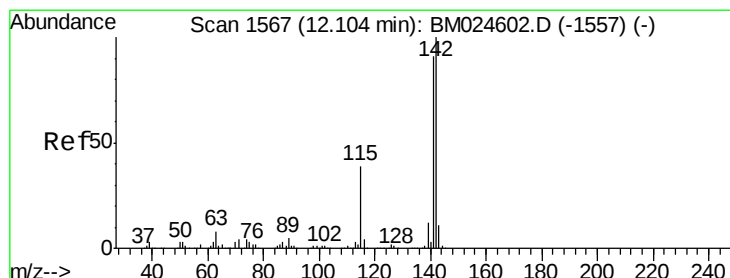
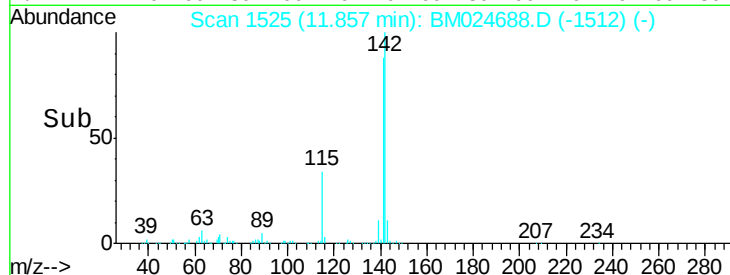
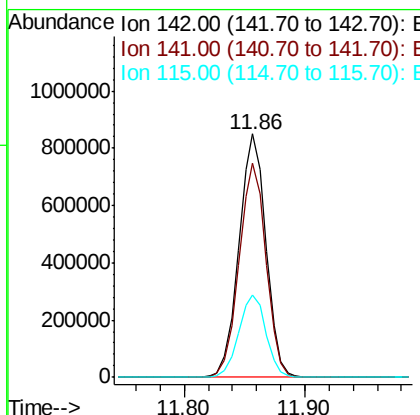
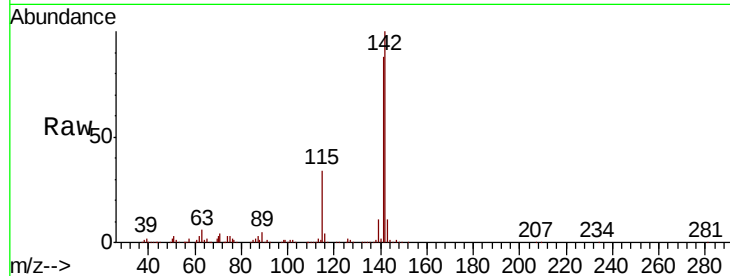
#37
2-Methylnaphthalene
Concen: 47.927 ng
RT: 11.86 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.2	105.2
115	33.8	29.7	44.5

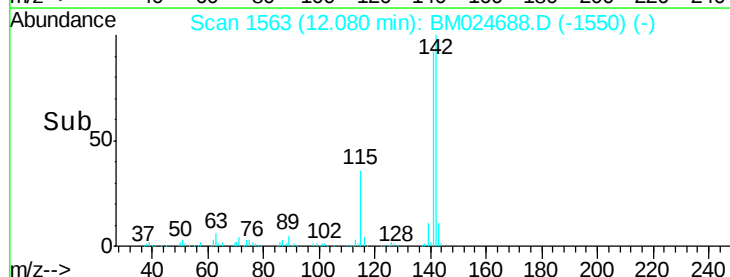
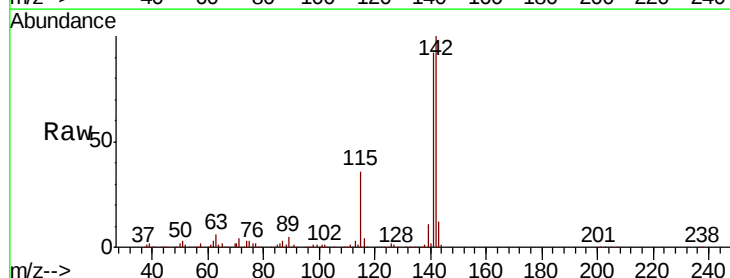
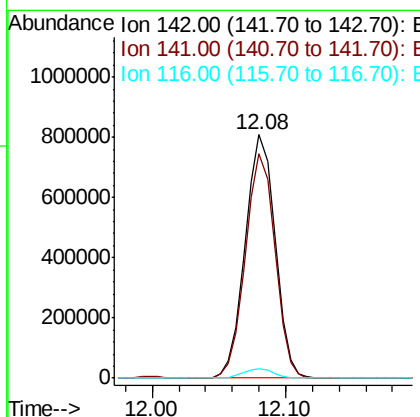
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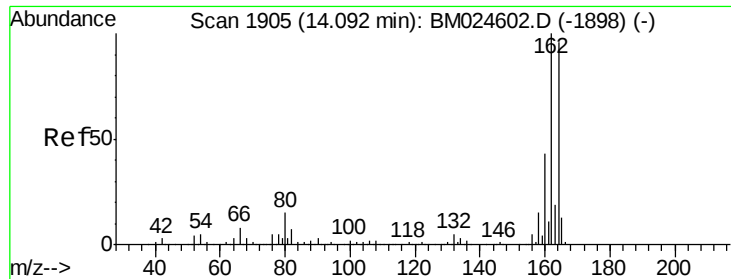
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#38
1-Methylnaphthalene
Concen: 47.485 ng
RT: 12.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.8	109.2
116	3.8	3.2	4.8





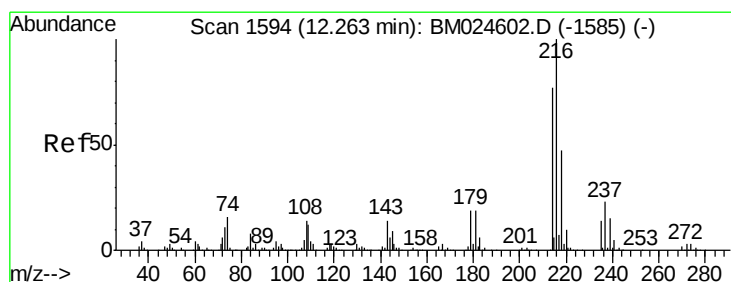
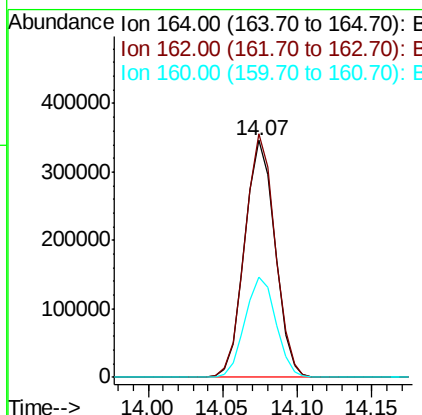
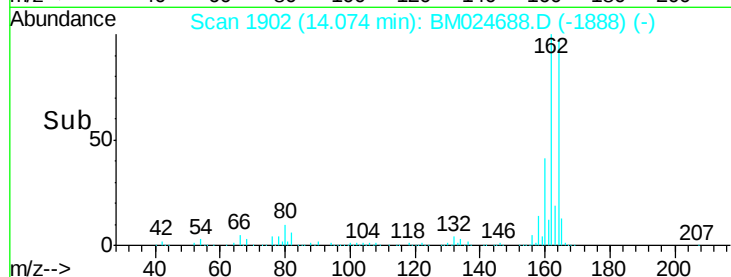
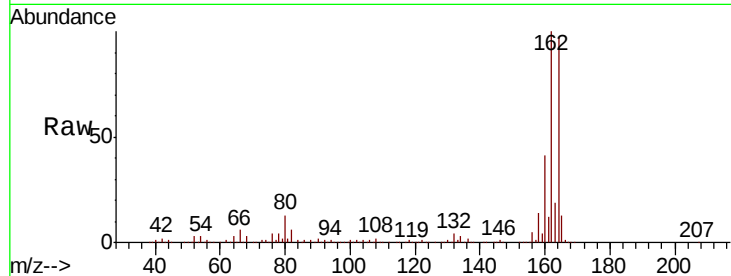
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	42.0	35.5	53.3

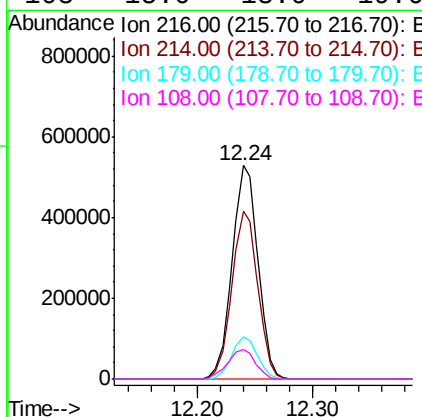
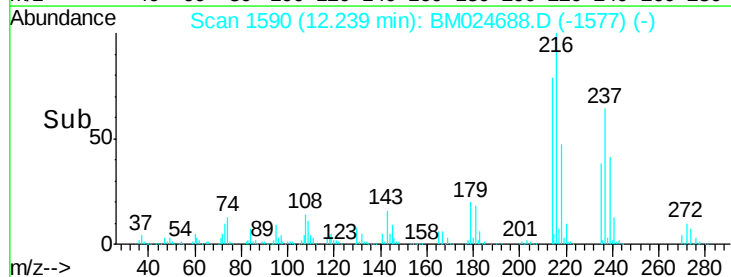
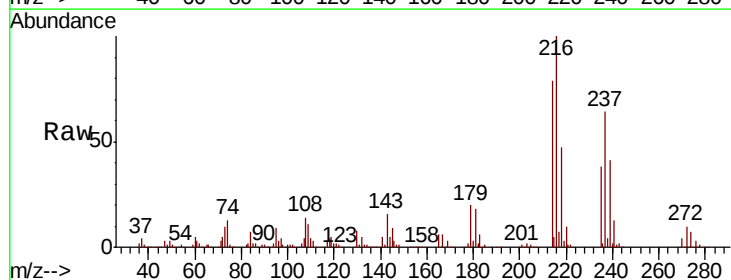
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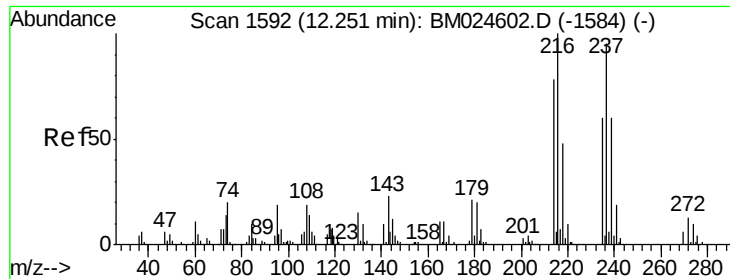
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.929 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	19.7	16.1	24.1
108	15.0	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 92.898 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

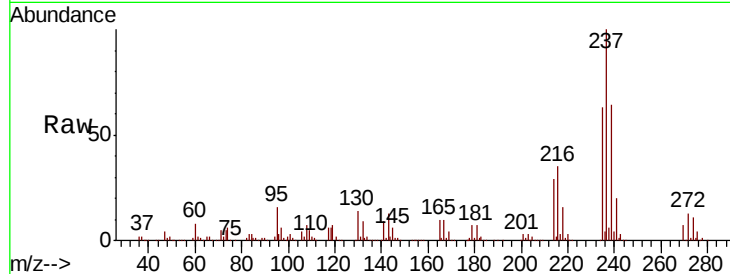
ClientSampleId :

BU-01-012920MSD

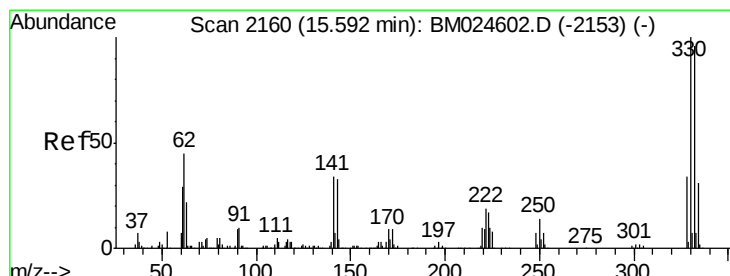
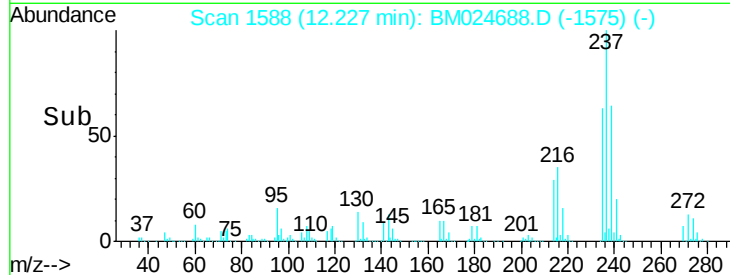
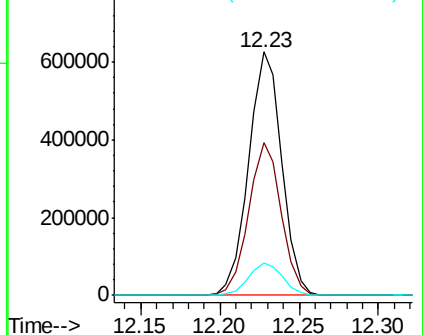
Tot Ion:	237	Resp:	907250
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.3	83.3
272	13.2	0.0	33.4

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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: 153.377 ng

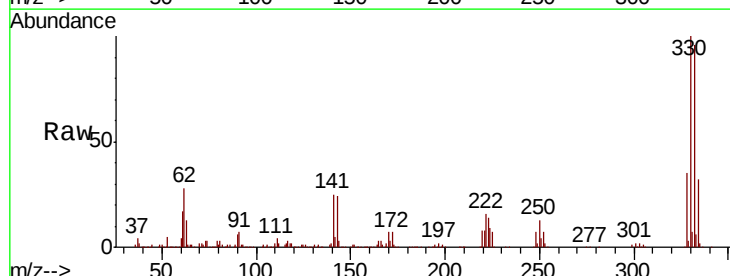
RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

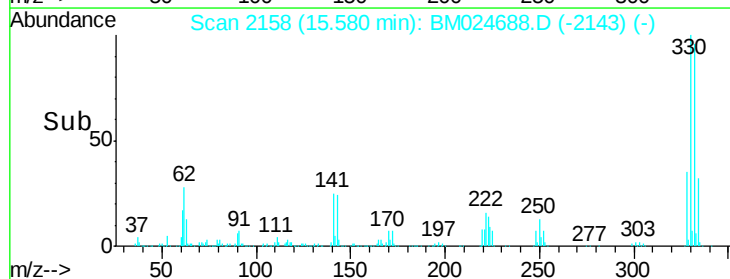
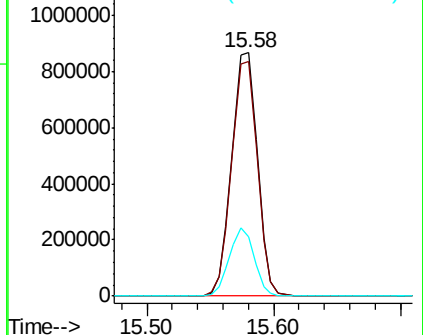
Lab File: BM024688.D

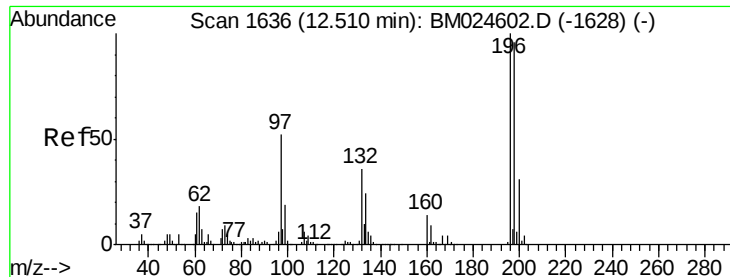
Acq: 31 Jan 2020 22:46

Tgt Ion:	330	Resp:	1217973
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.2	115.8
141	27.2	26.9	40.3



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





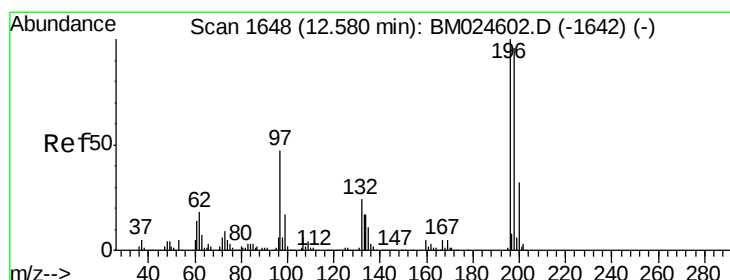
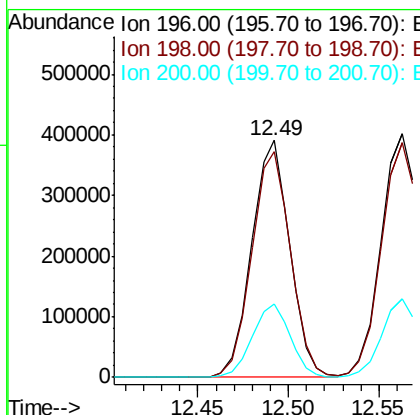
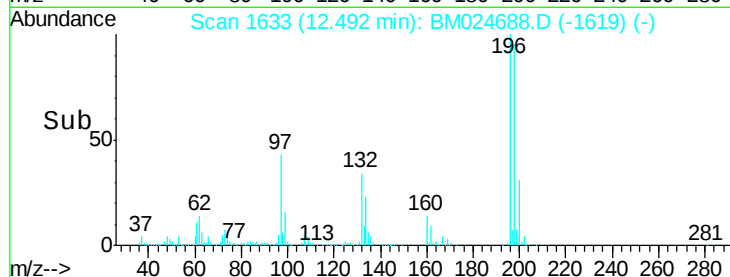
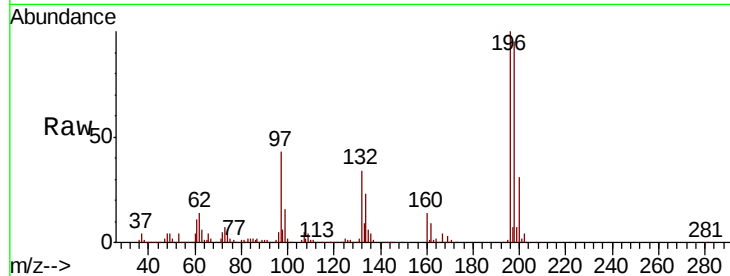
#43
 2,4,6-Trichlorophenol
 Concen: 51.350 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	569339		
198	95.4	76.5	114.7	
200	31.0	25.0	37.6	

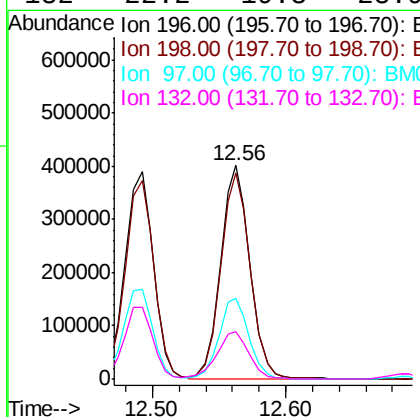
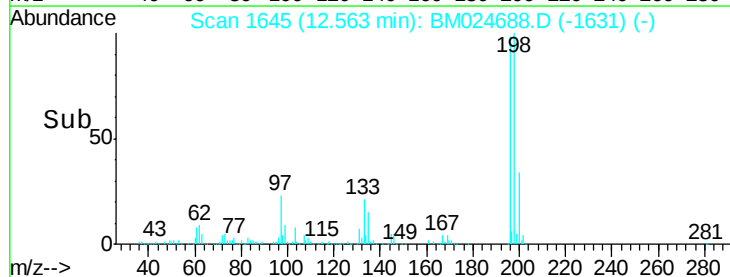
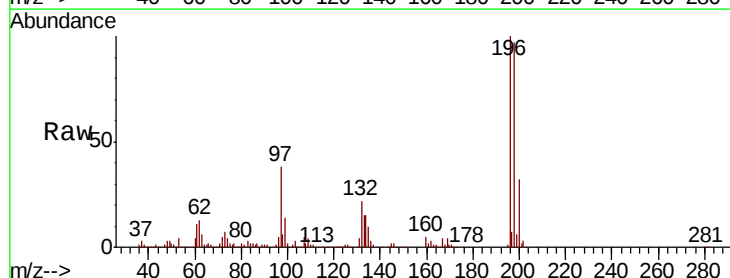
Manual Integrations
 APPROVED

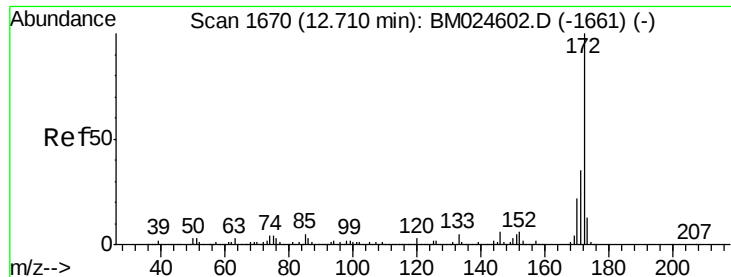
mohammad
 2/3/2020 4:11:17 PM



#44
 2,4,5-Trichlorophenol
 Concen: 54.154 ng
 RT: 12.56 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	613203		
198	96.6	77.2	115.8	
97	38.0	37.4	56.0	
132	22.2	19.3	28.9	





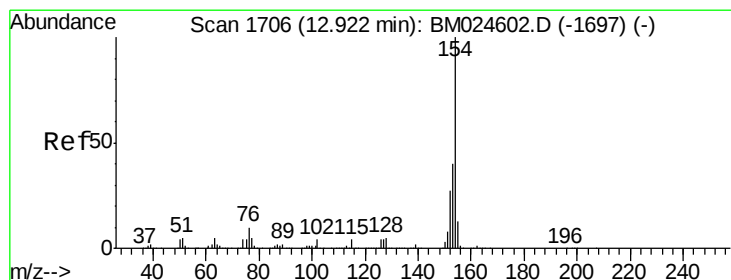
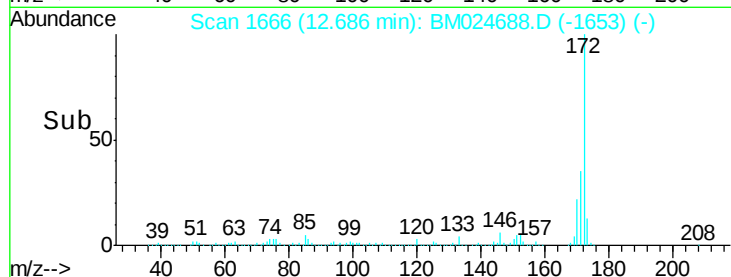
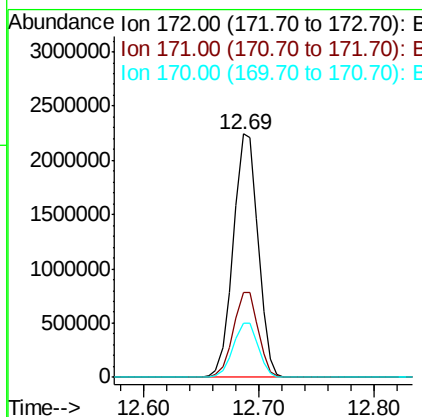
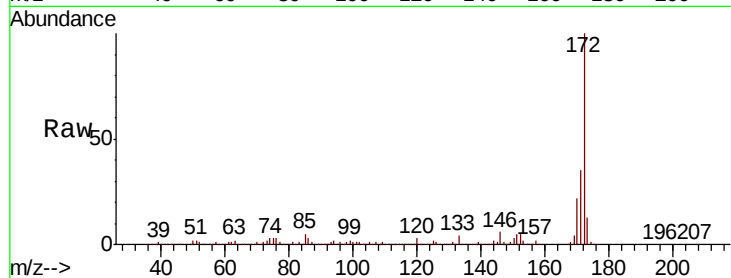
#45
2-Fluorobiphenyl
Concen: 93.093 ng
RT: 12.69 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.3	17.9	26.9

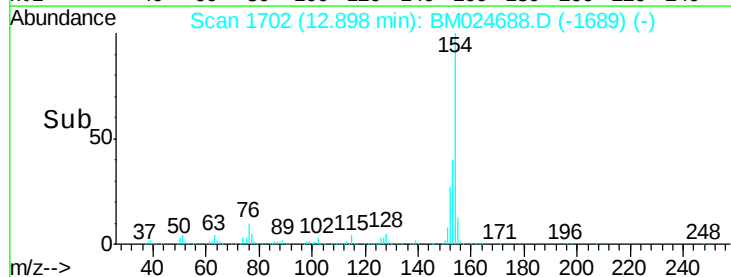
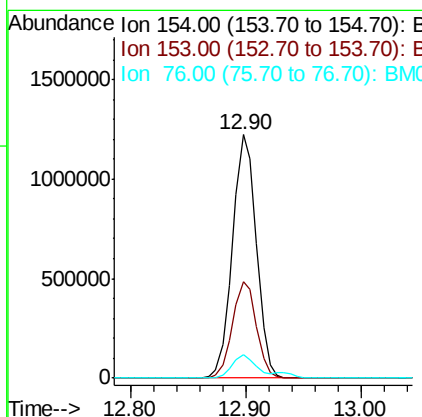
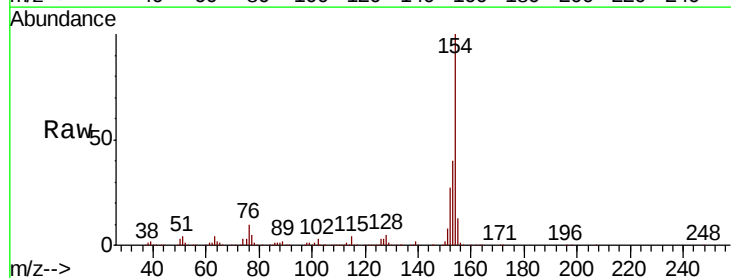
Manual Integrations
APPROVED

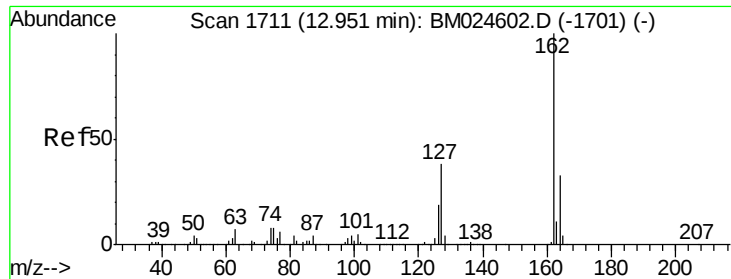
mohammad
2/3/2020 4:11:17 PM



#46
1,1'-Biphenyl
Concen: 47.310 ng
RT: 12.90 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.6	0.0	30.5





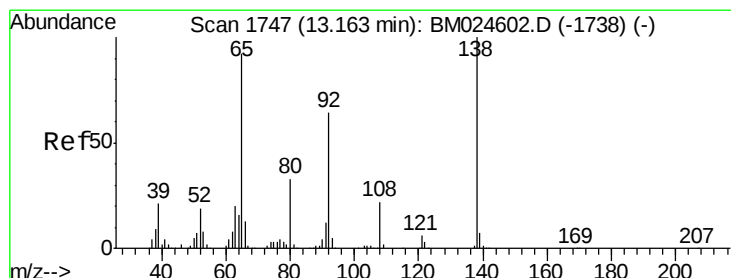
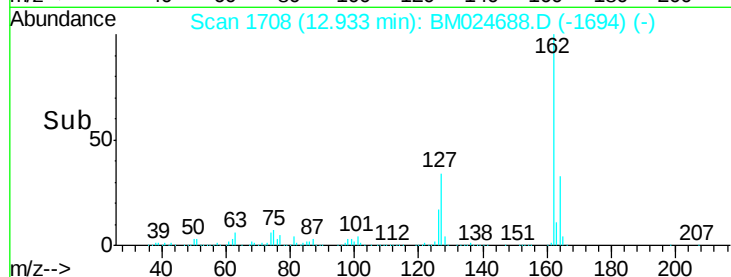
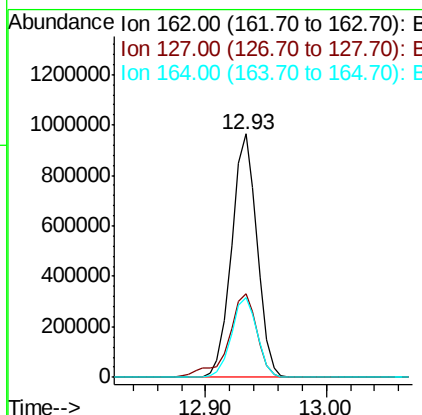
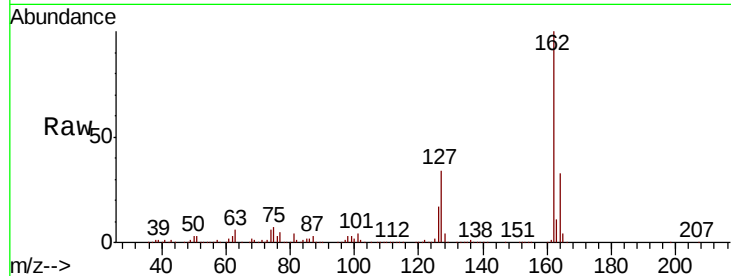
#47
2-Chloronaphthalene
Concen: 47.350 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.4	30.4	45.6
164	33.0	26.5	39.7

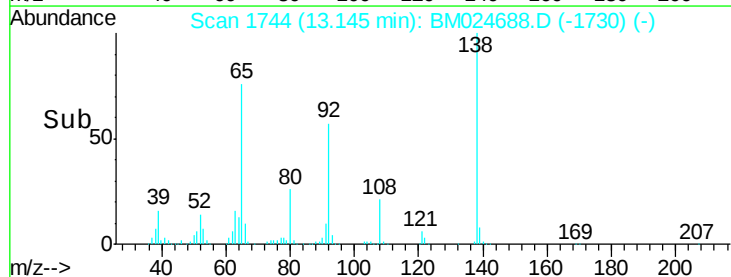
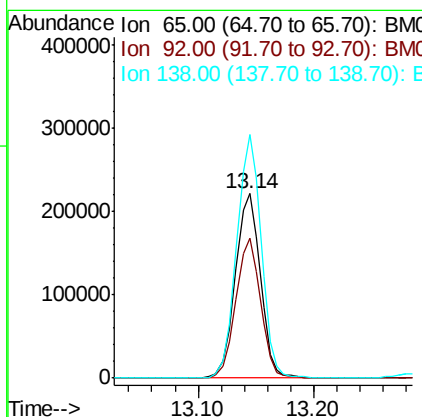
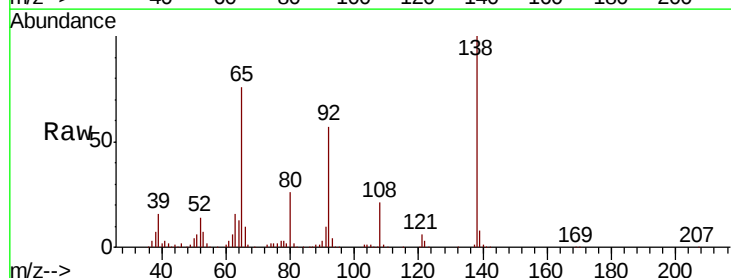
Manual Integrations
APPROVED

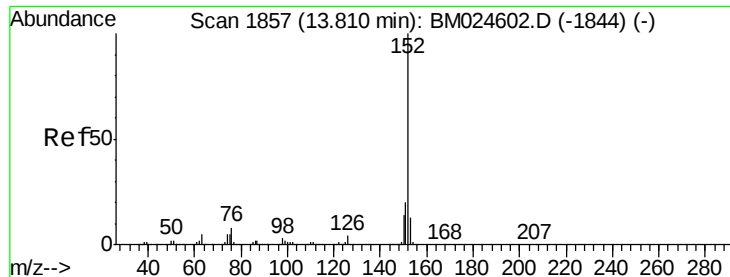
mohammad
2/3/2020 4:11:17 PM



#48
2-Nitroaniline
Concen: 36.788 ng
RT: 13.14 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	55.4	83.2
138	131.9	86.6	129.8#





#49

Acenaphthylene

Concen: 49.403 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion:152 Resp: 2205777

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

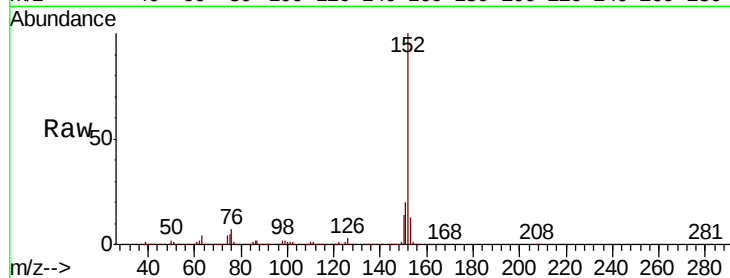
153 12.9 10.4 15.6

Manual Integrations

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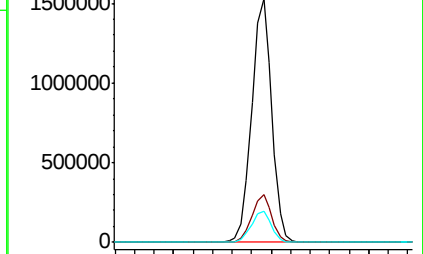
2/3/2020 4:11:17 PM



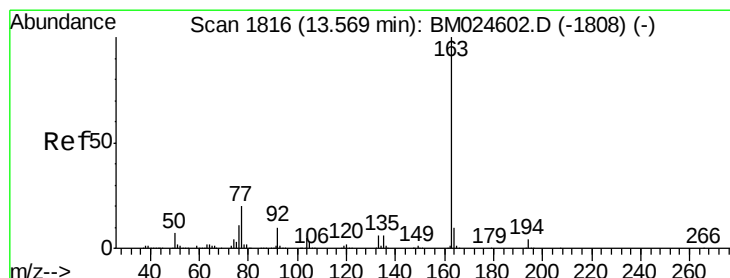
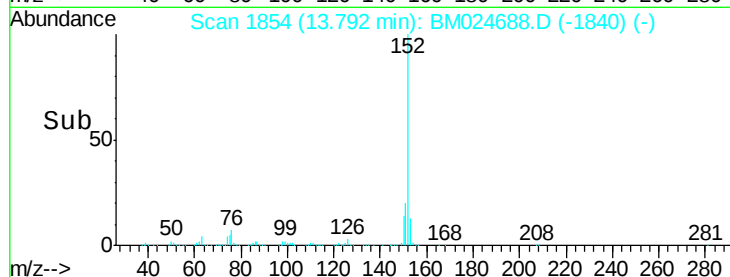
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 49.527 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

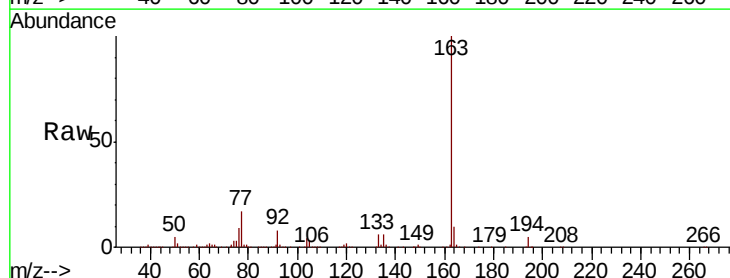
Tgt Ion:163 Resp: 1955130

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

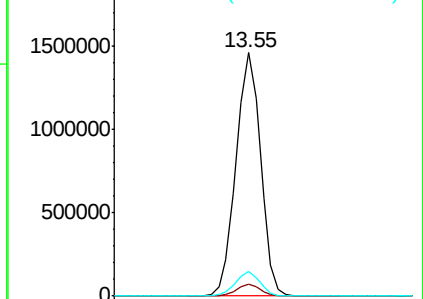
164 10.0 8.0 12.0



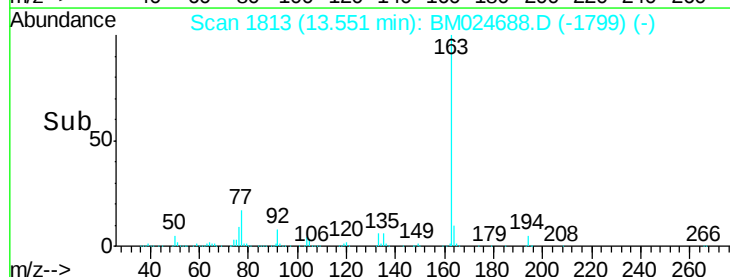
Abundance Ion 163.00 (162.70 to 163.70): E

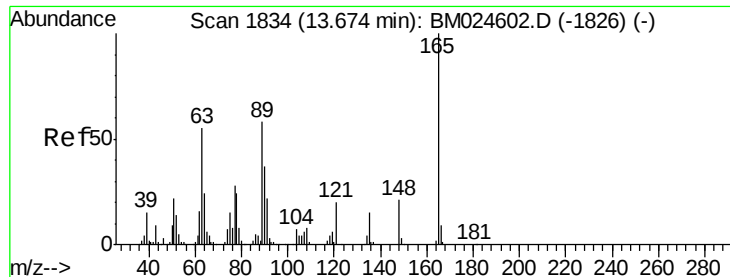
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





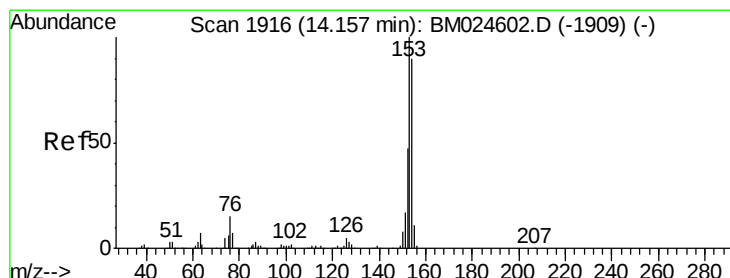
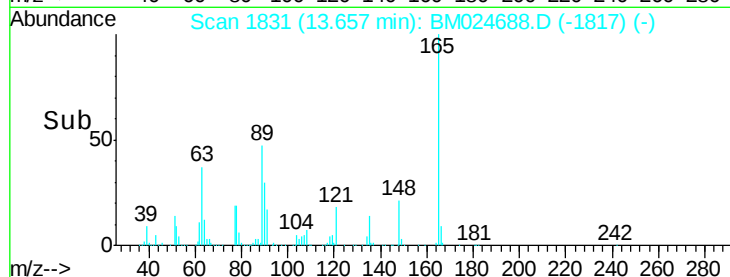
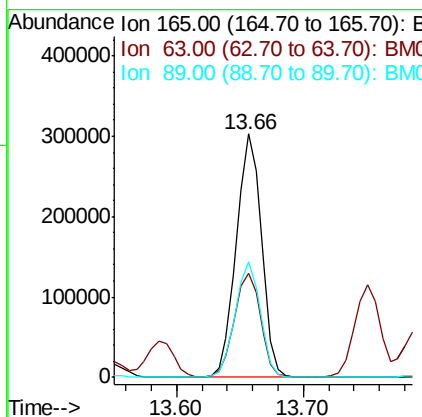
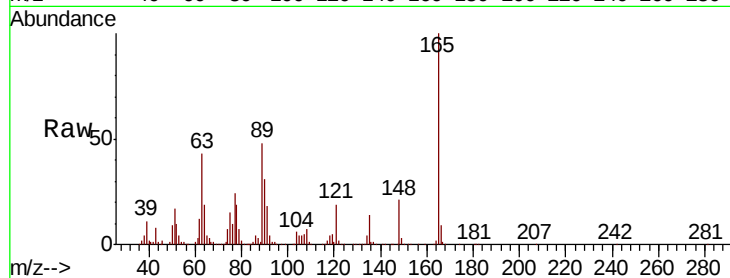
#51
2,6-Dinitrotoluene
Concen: 49.670 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	45.4	68.0#
89	47.5	46.6	69.8

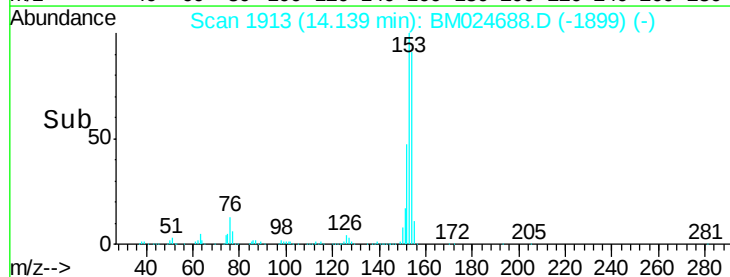
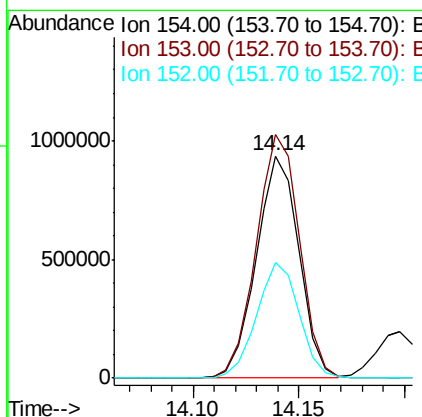
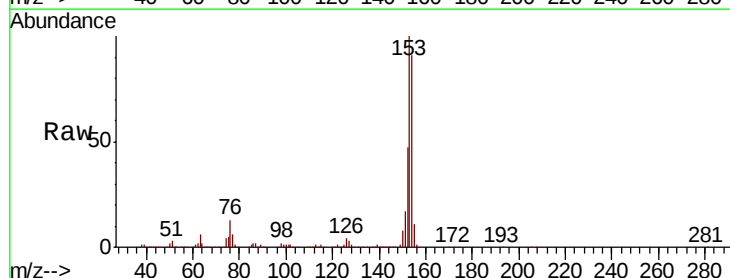
Manual Integrations
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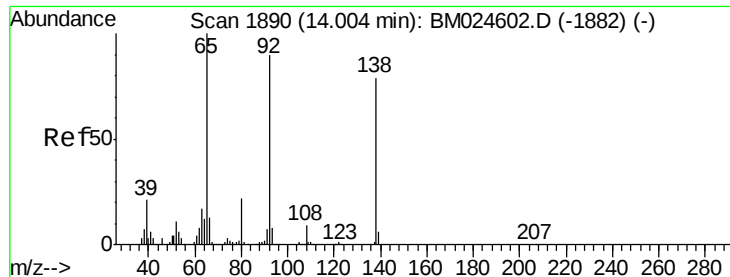
mohammad
2/3/2020 4:11:17 PM



#52
Acenaphthene
Concen: 47.527 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	89.1	133.7
152	51.8	41.9	62.9





#53

3-Nitroaniline

Concen: 9.547 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

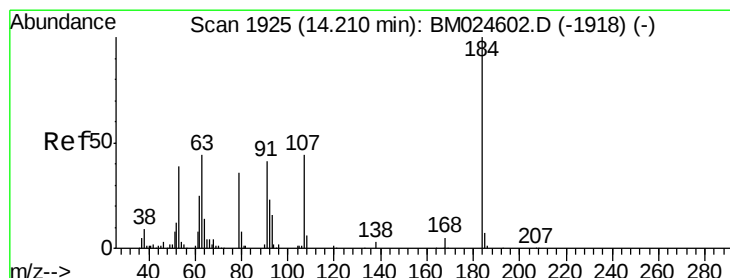
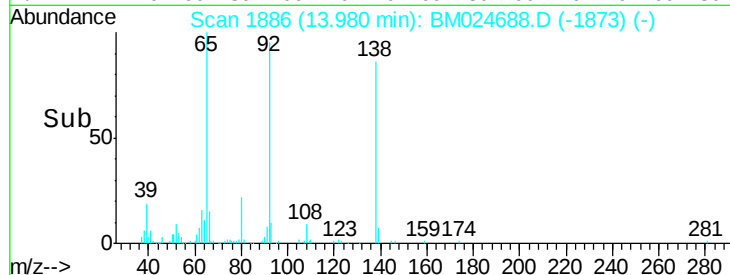
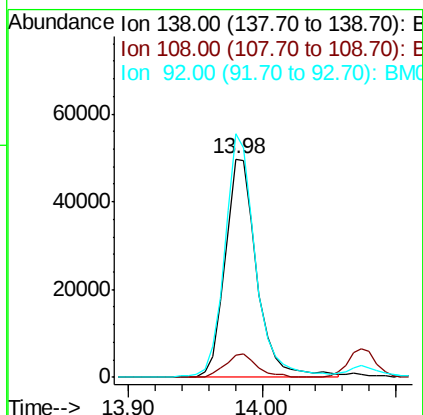
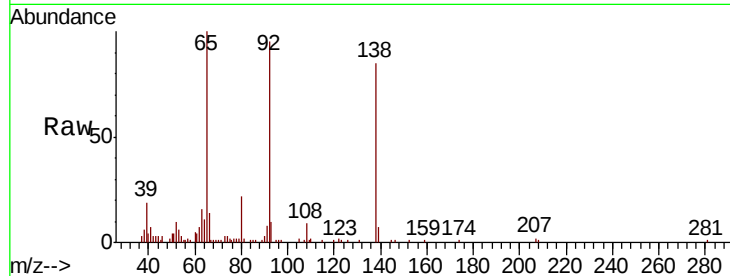
ClientSampleId :

BU-01-012920MSD

Tot Ion:	138	Resp:	83106
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.7	13.1
92	111.6	91.0	136.4

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 94.124 ng

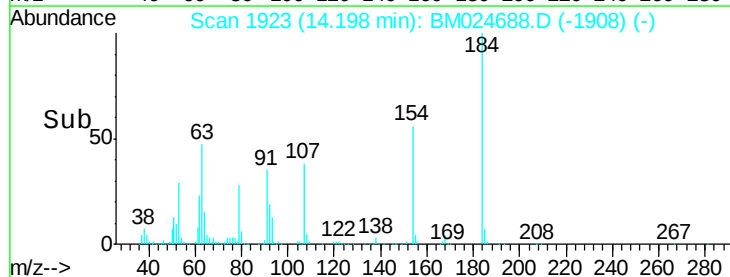
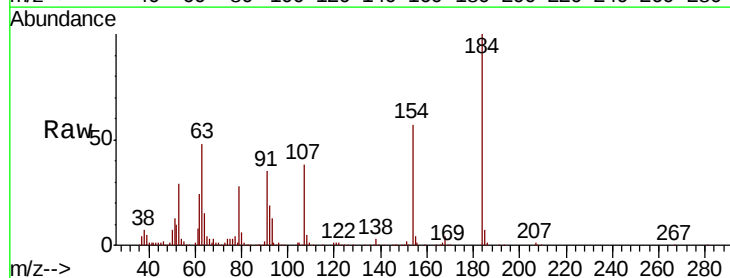
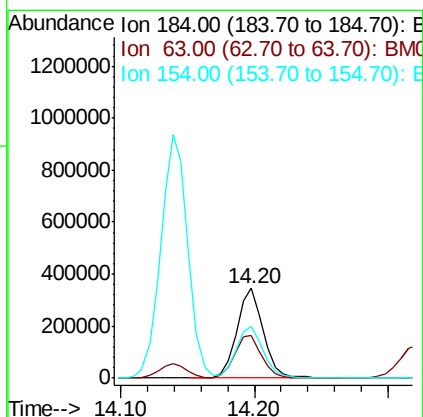
RT: 14.20 min Scan# 1923

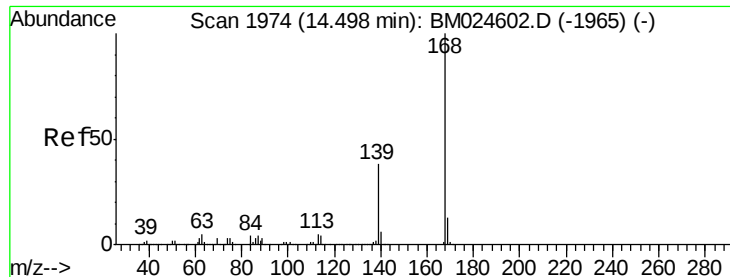
Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	184	Resp:	472398
Ion Ratio	Lower	Upper	
184	100		
63	47.6	51.8	77.8#
154	57.3	50.2	75.4





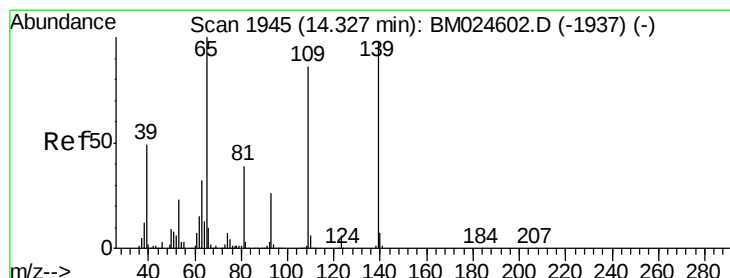
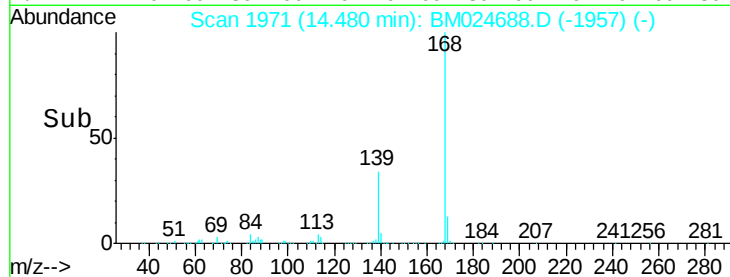
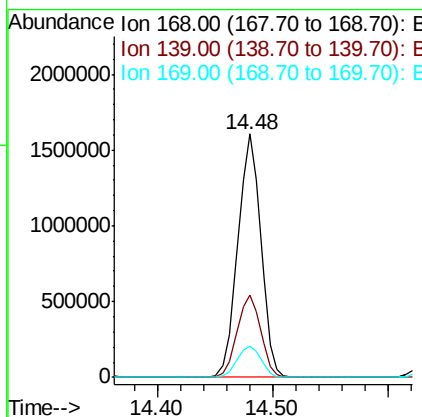
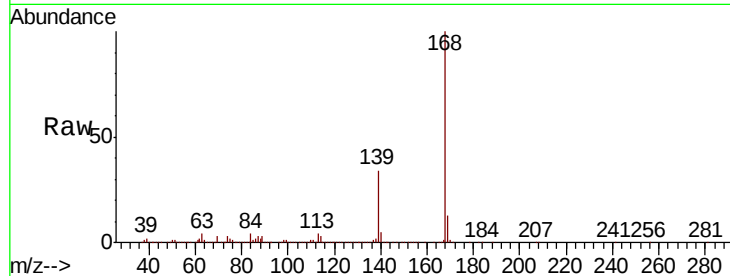
#55
Dibenzofuran
Concen: 49.255 ng
RT: 14.48 min Scan# 1971
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.0	30.2	45.4
169	12.9	10.7	16.1

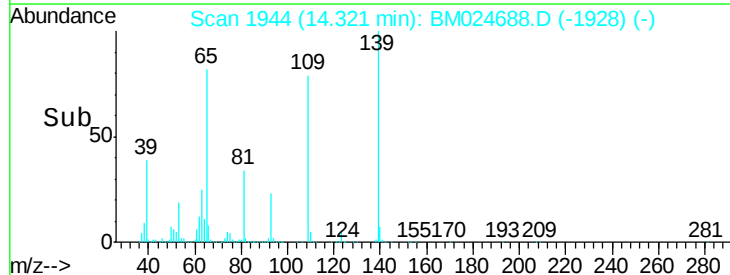
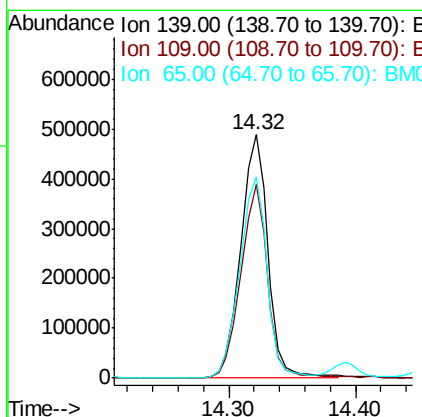
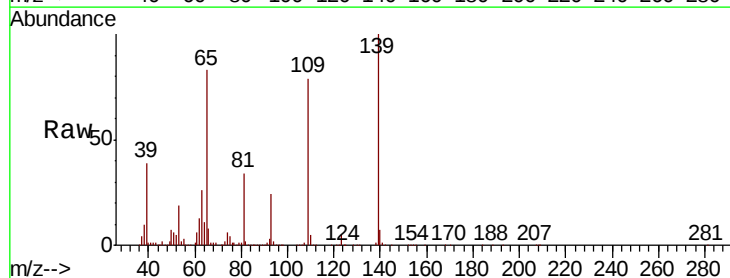
Manual Integrations
APPROVED

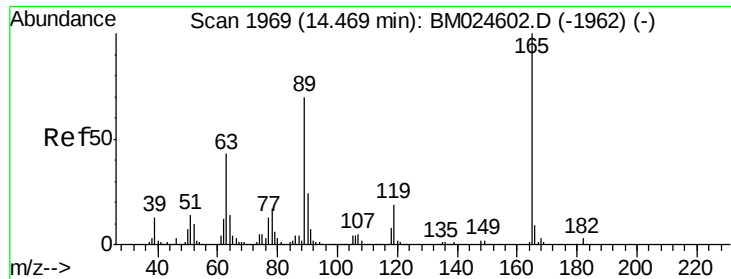
mohammad
2/3/2020 4:11:17 PM



#56
4-Nitrophenol
Concen: 106.953 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.5	67.4	107.4
65	82.7	82.1	122.1





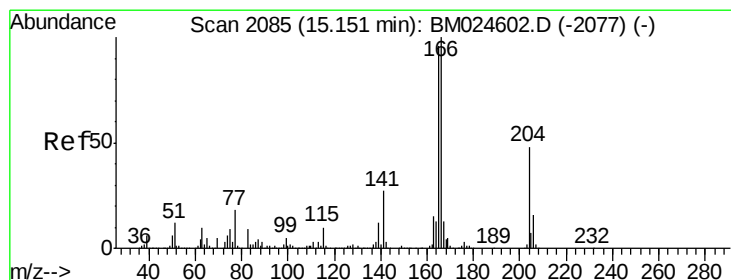
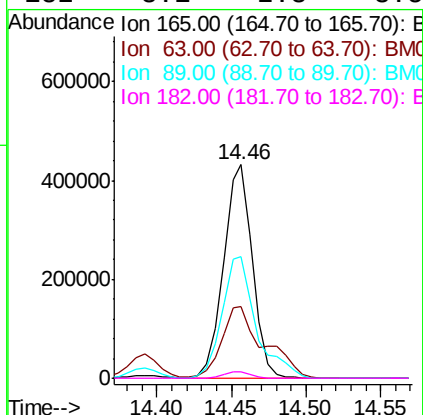
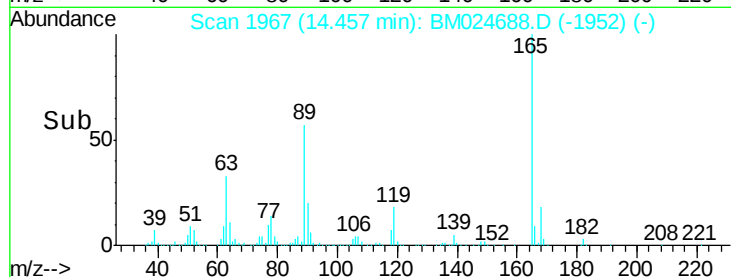
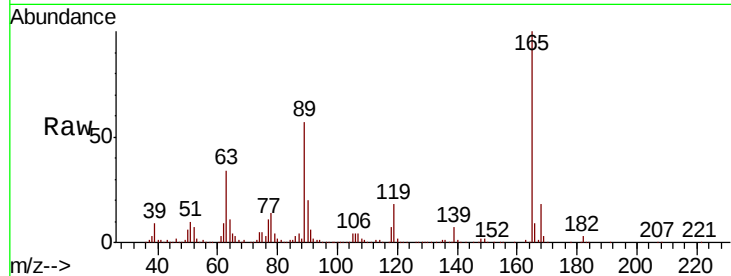
#57
2,4-Dinitrotoluene
Concen: 48.513 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	583536		
63	33.8		34.5	51.7#
89	56.9		55.8	83.8
182	3.1		2.3	3.5

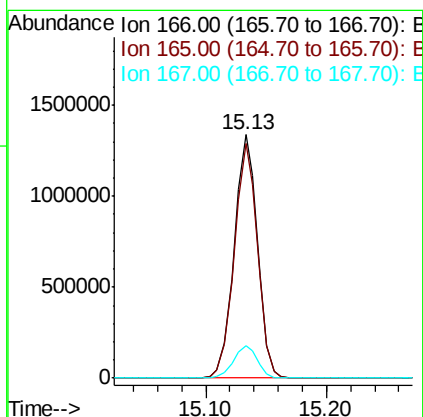
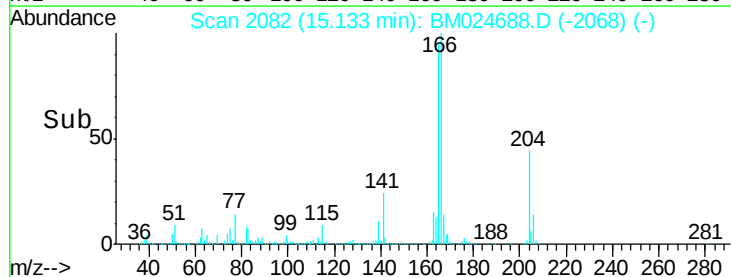
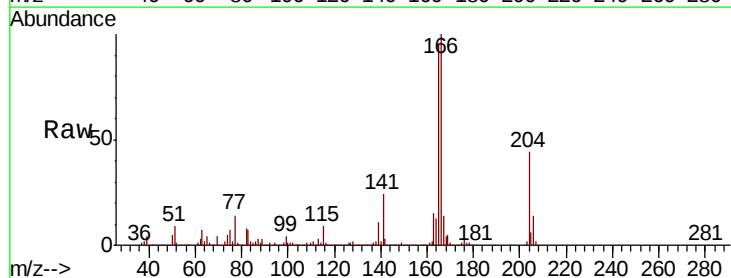
Manual Integrations
APPROVED

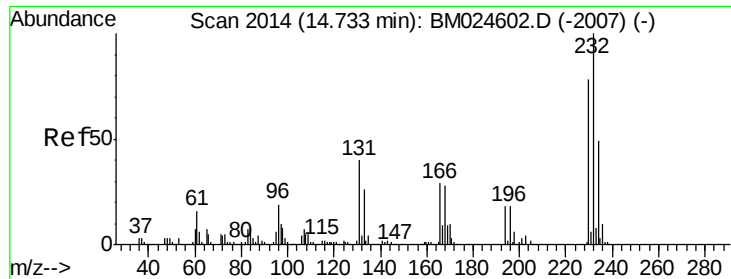
mohammad
2/3/2020 4:11:17 PM



#58
Fluorene
Concen: 47.272 ng
RT: 15.13 min Scan# 2082
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1795038		
165	96.3		76.6	114.8
167	13.5		10.8	16.2





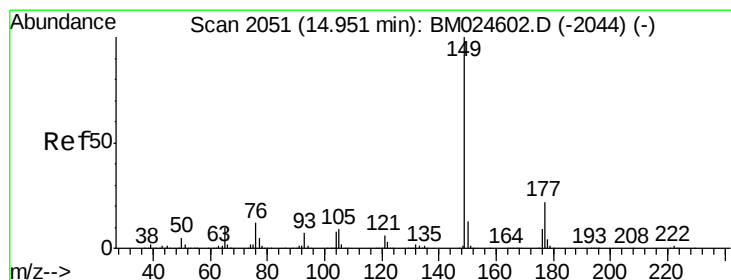
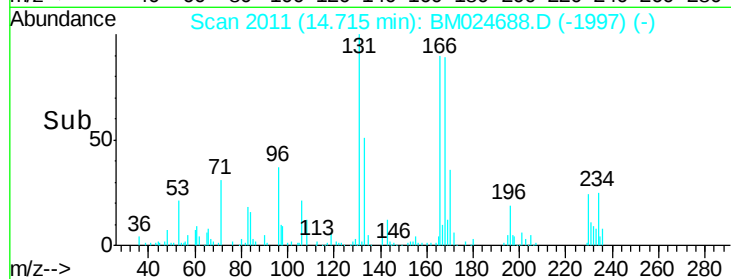
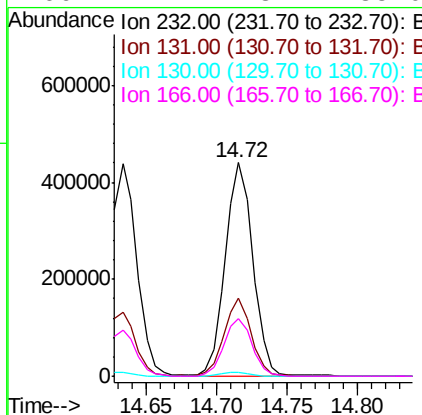
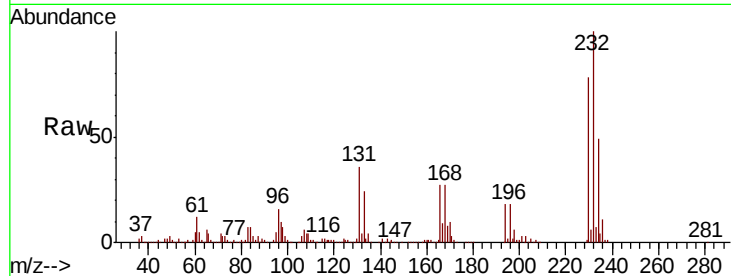
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.094 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		598196		
131	35.6	32.2	48.4		
130	1.9	1.9	2.9		
166	27.4	23.4	35.0		

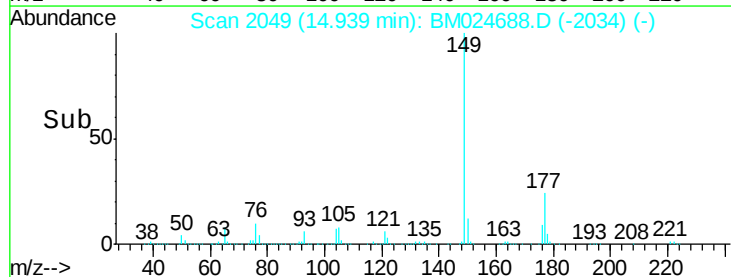
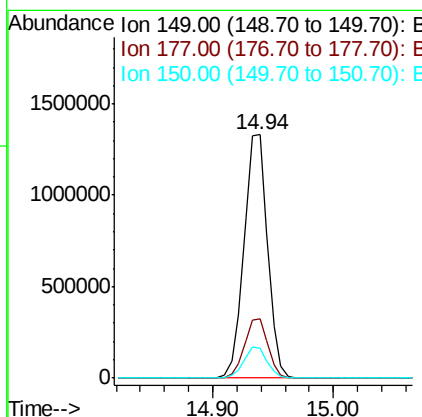
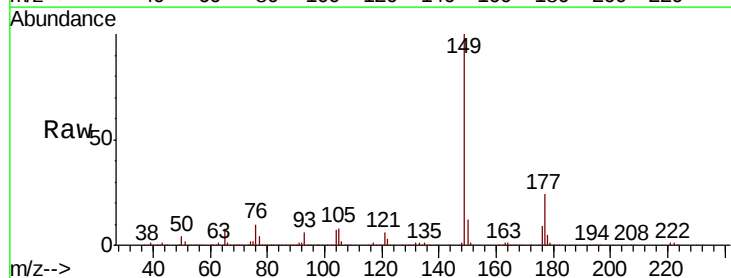
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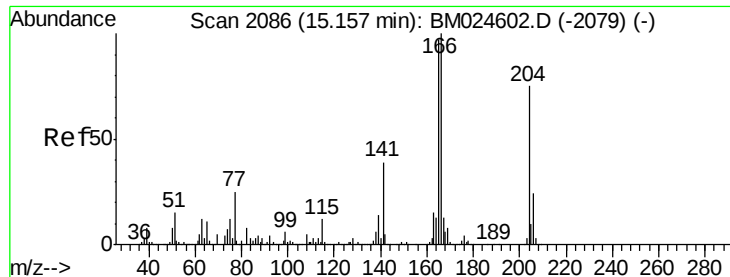
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#60
Diethylphthalate
Concen: 45.344 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1817225		
177	24.3	18.0	27.0		
150	12.4	10.2	15.4		





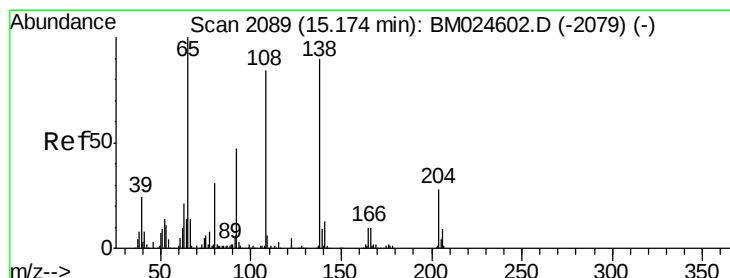
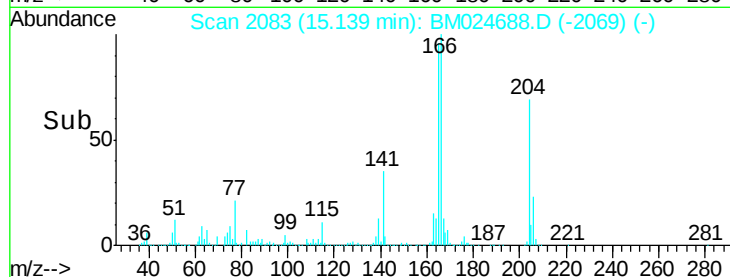
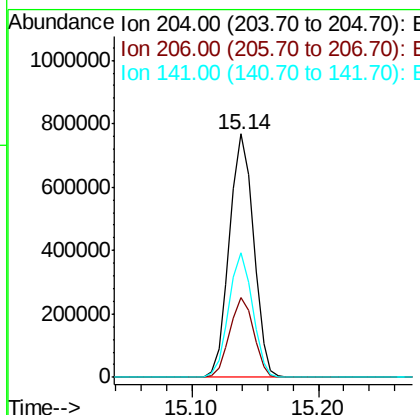
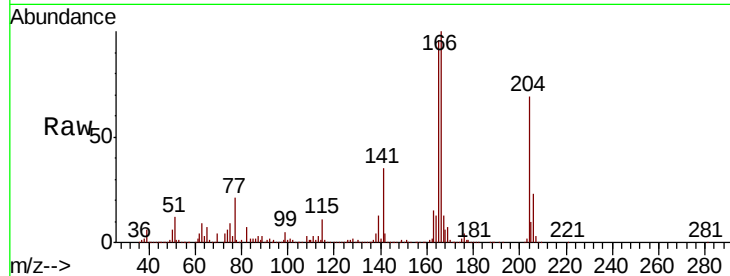
#61
4-Chlorophenyl-phenylether
Concen: 46.296 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion:204 Resp: 1013513
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 51.3 42.2 63.2

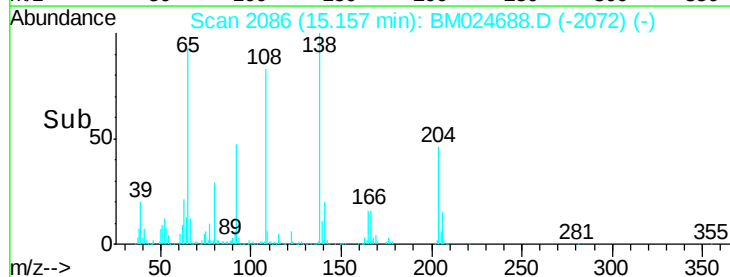
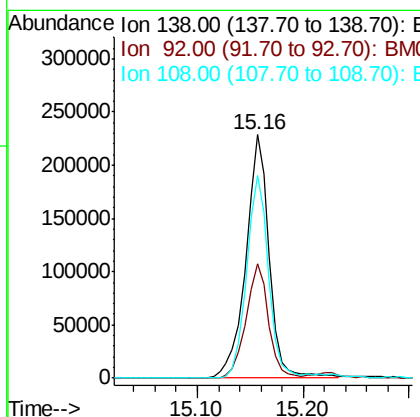
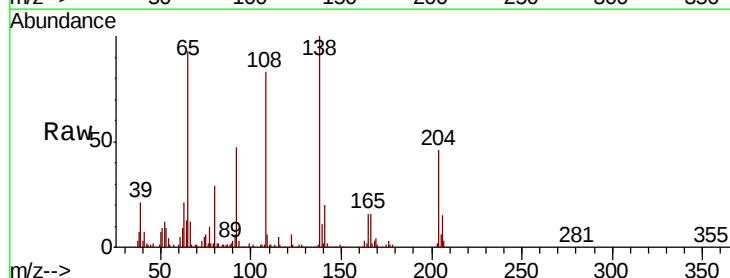
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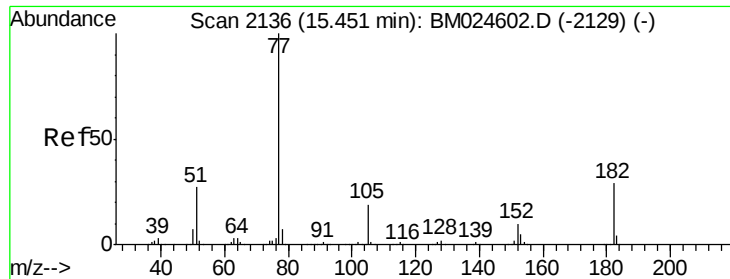
mohammad
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#62
4-Nitroaniline
Concen: 36.566 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:138 Resp: 351349
Ion Ratio Lower Upper
138 100
92 47.1 32.4 72.4
108 83.5 73.3 113.3





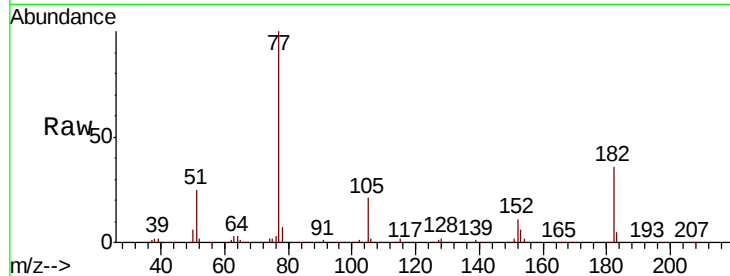
#63
Azobenzene
Concen: 40.966 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

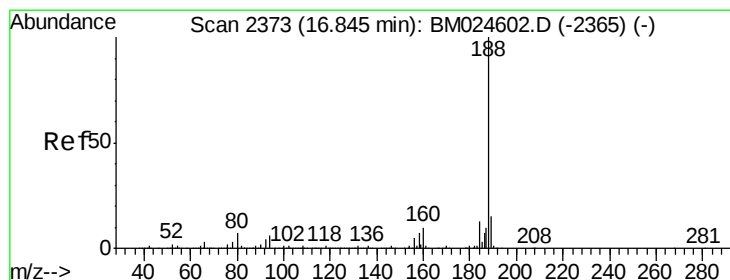
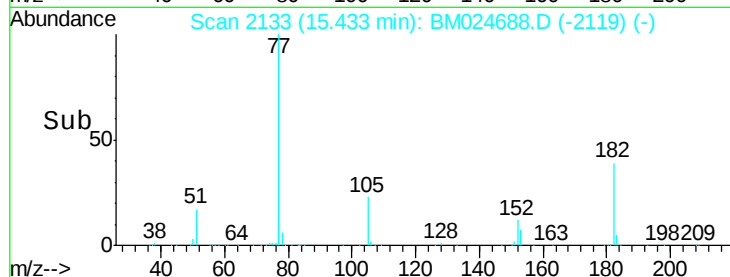
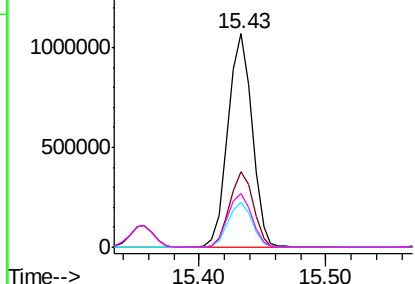
Tot Ion: 77 Resp: 1400414
Ion Ratio Lower Upper
77 100
182 35.6 8.7 48.7
105 21.1 0.0 39.2
51 25.2 7.5 47.5

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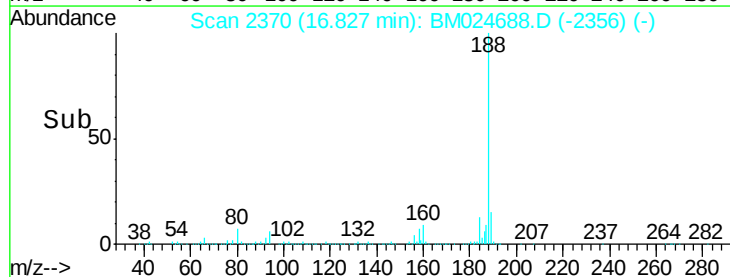
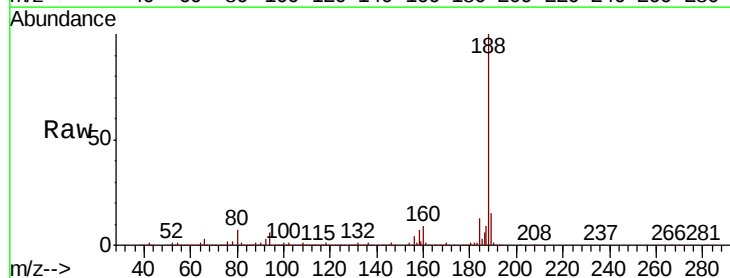
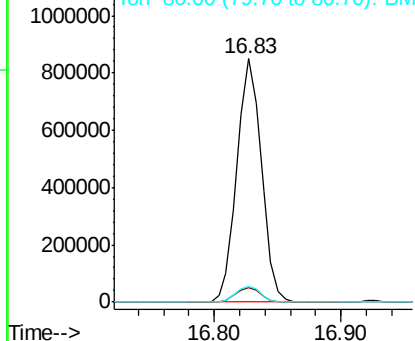
Abundance Ion 77.00 (76.70 to 77.70): BM024688.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024688.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024688.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024688.D (-2119) (-)

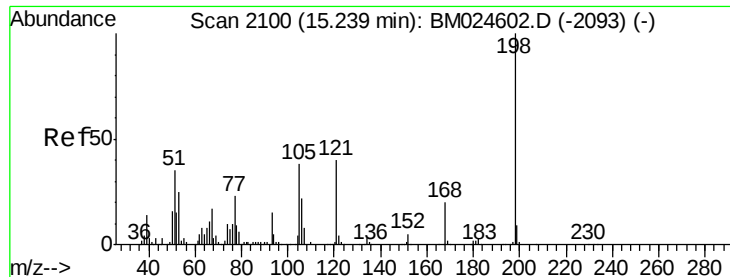


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion: 188 Resp: 1140273
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 6.5 5.8 8.8

Abundance Ion 188.00 (187.70 to 188.70): BM024688.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024688.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024688.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 54.206 ng

RT: 15.22 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

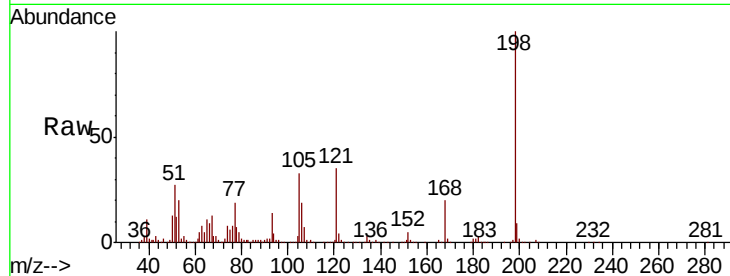
ClientSampleId :

BU-01-012920MSD

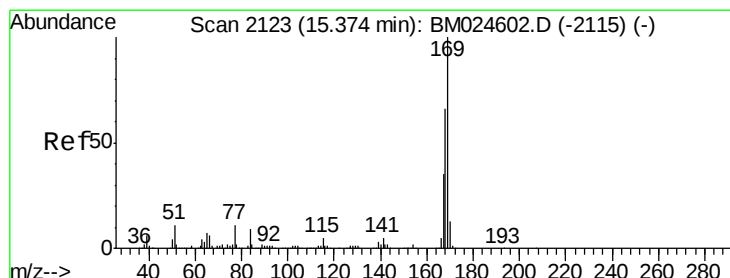
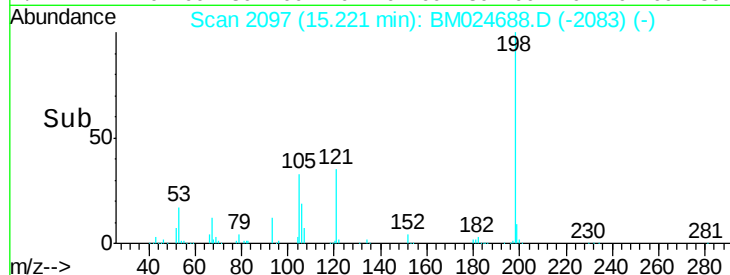
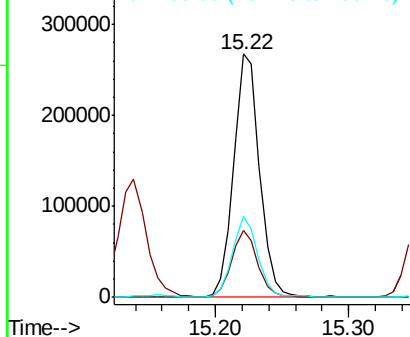
Tot Ion:	198	Resp:	363429
Ion Ratio	Lower	Upper	
198	100		
51	27.4	15.8	55.8
105	33.2	18.5	58.5

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



#66

n-Nitrosodiphenylamine

Concen: 49.648 ng

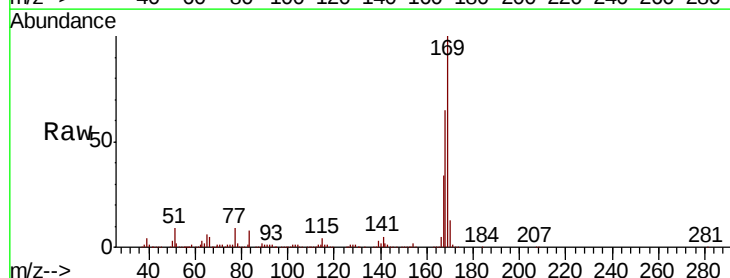
RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

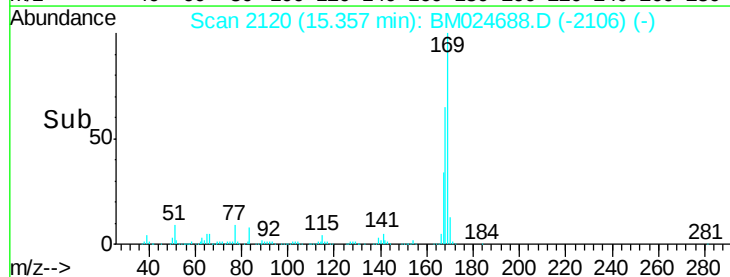
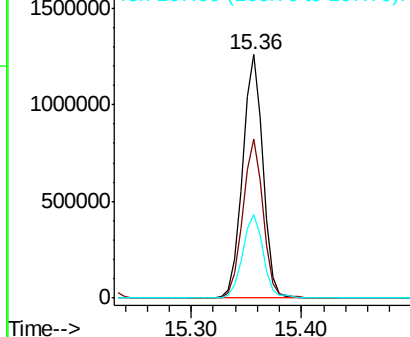
Lab File: BM024688.D

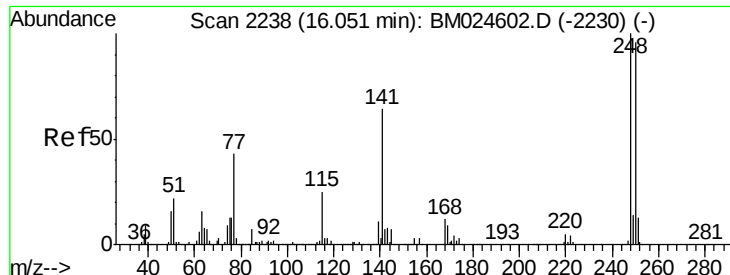
Acq: 31 Jan 2020 22:46

Tgt Ion:	169	Resp:	1626178
Ion Ratio	Lower	Upper	
169	100		
168	65.1	52.8	79.2
167	34.3	28.2	42.2



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





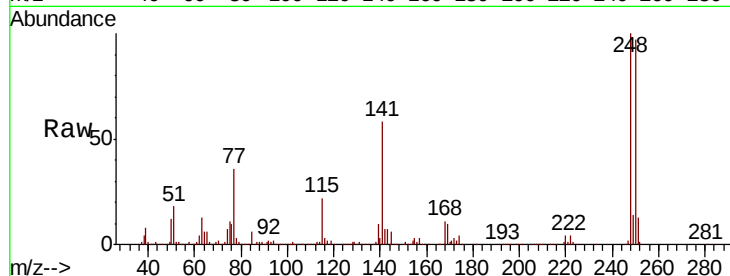
#67
4-Bromophenyl-phenylether
Concen: 48.521 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.0	115.6
141	58.4	50.9	76.3

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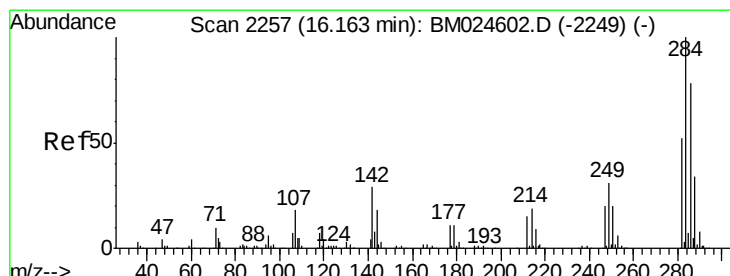
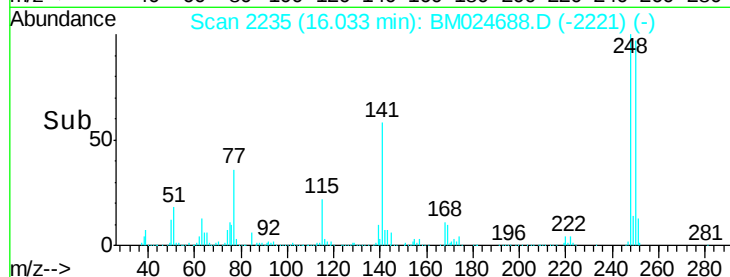
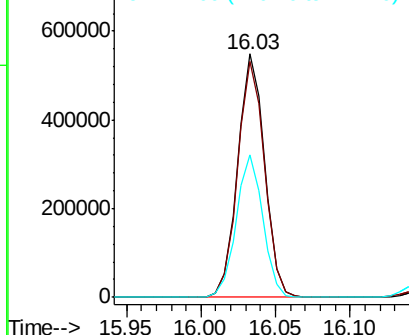


Abundance

Ion 248.00 (247.70 to 248.70): E

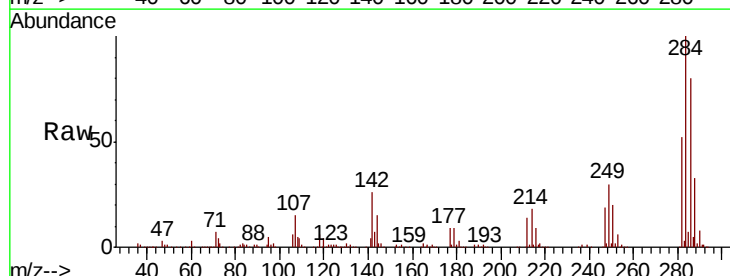
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.973 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.5	35.3
249	30.0	24.6	36.8

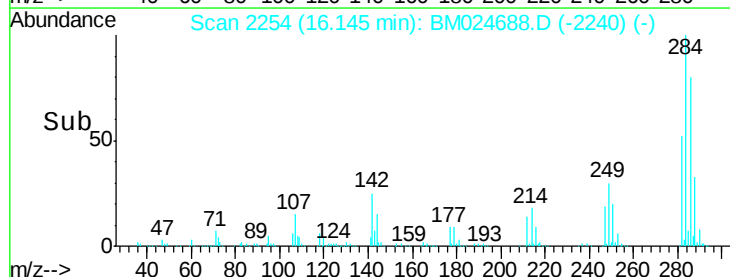
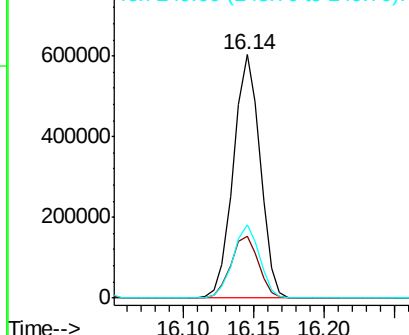


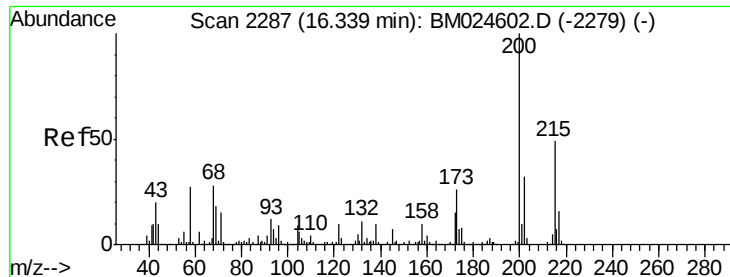
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 53.345 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

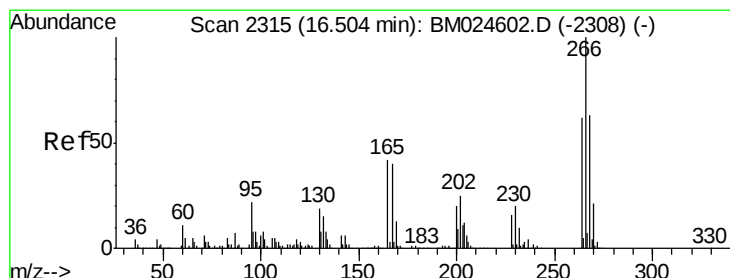
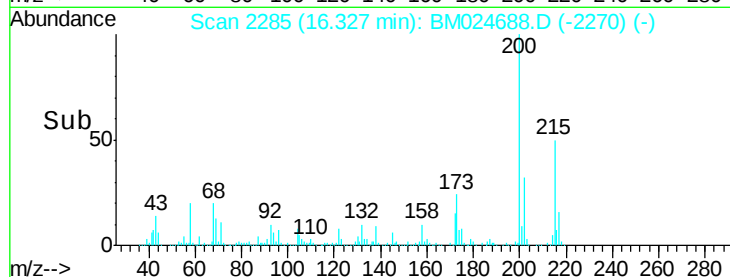
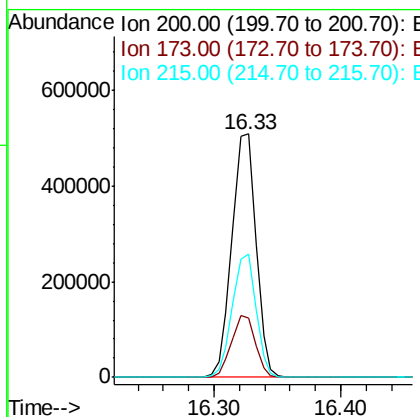
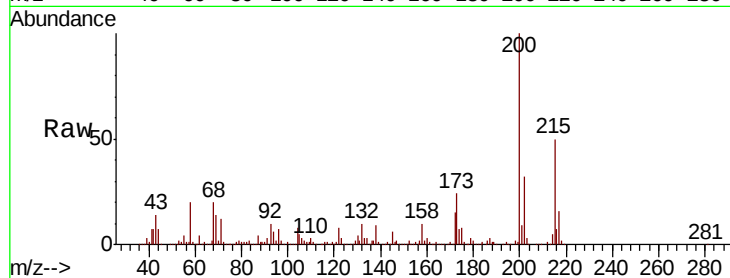
ClientSampleId :

BU-01-012920MSD

Tot Ion:	200	Resp:	670688
Ion Ratio	Lower	Upper	
200	100		
173	24.4	5.5	45.5
215	50.4	29.4	69.4

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#70

Pentachlorophenol

Concen: 107.579 ng

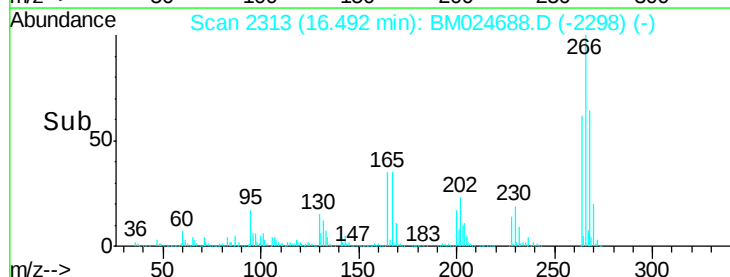
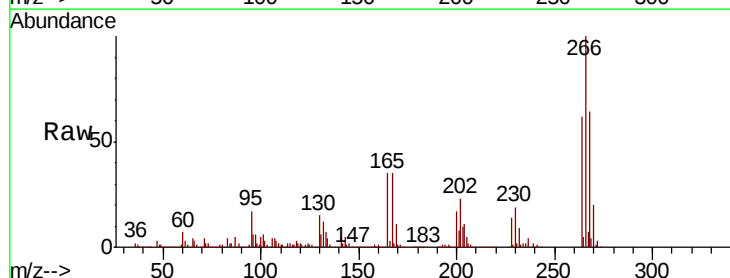
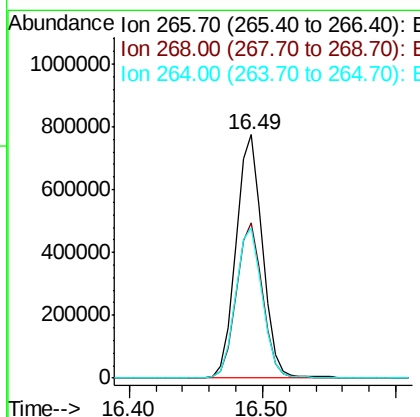
RT: 16.49 min Scan# 2313

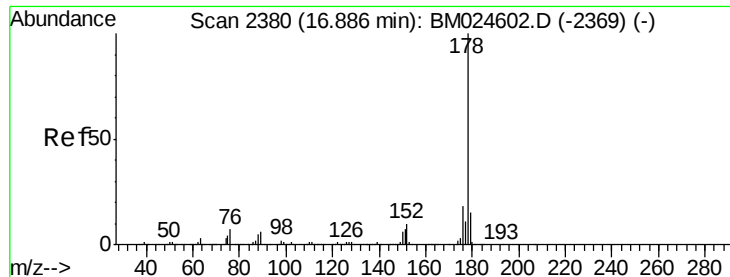
Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	266	Resp:	1066311
Ion Ratio	Lower	Upper	
266	100		
268	64.0	50.4	75.6
264	61.8	49.9	74.9





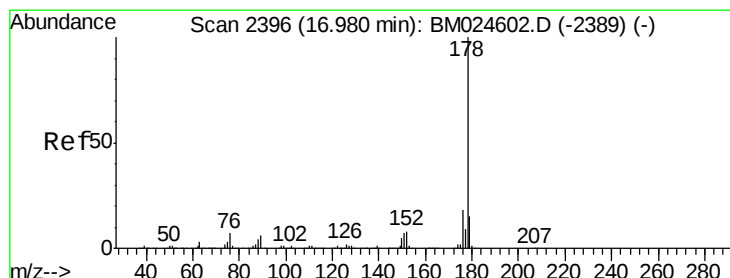
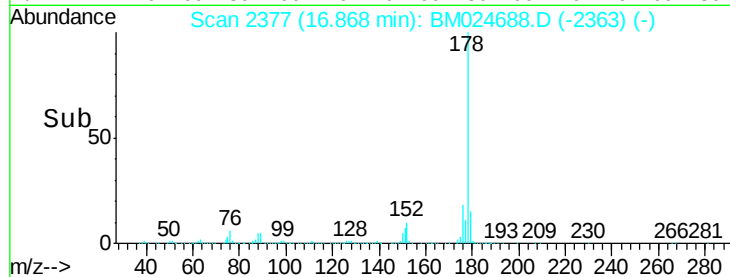
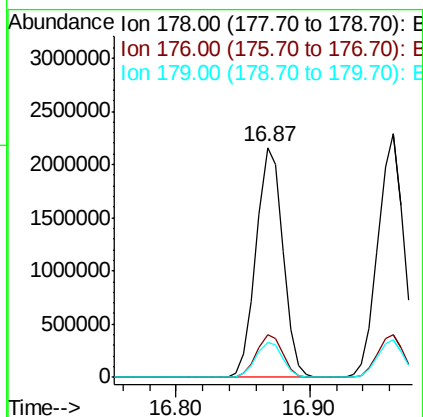
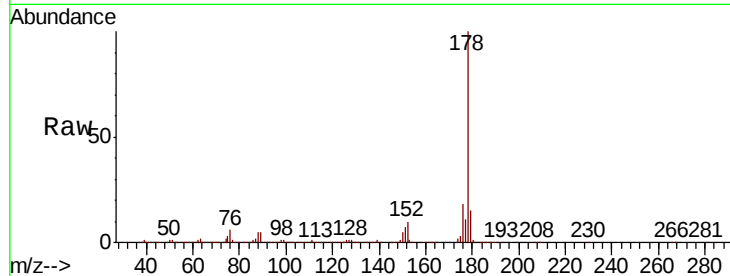
#71
Phenanthrene
Concen: 48.386 ng
RT: 16.87 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.2	11.9	17.9

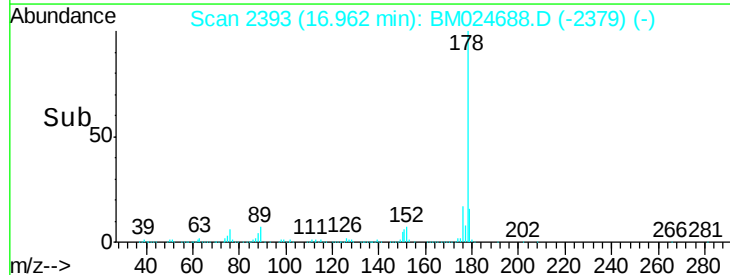
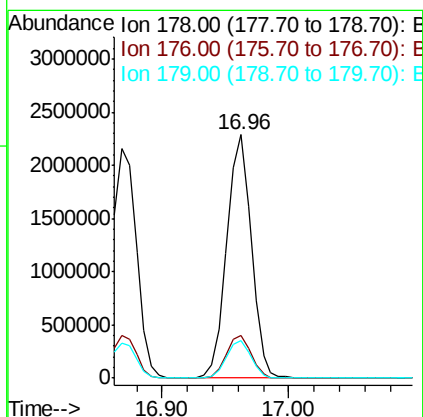
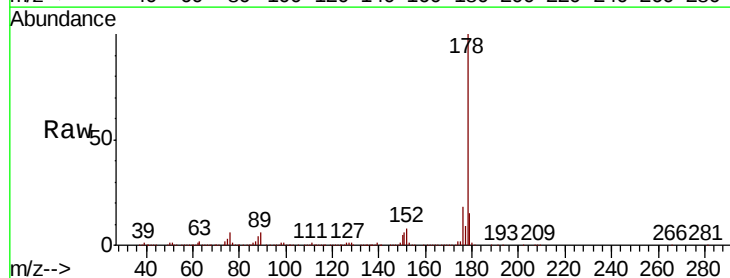
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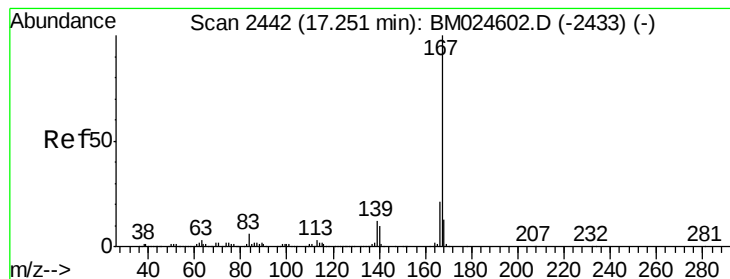
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#72
Anthracene
Concen: 50.507 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.3	12.1	18.1





#73

Carbazole

Concen: 49.495 ng

RT: 17.23 min Scan# 2439

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion:167 Resp: 2722276

Ion Ratio Lower Upper

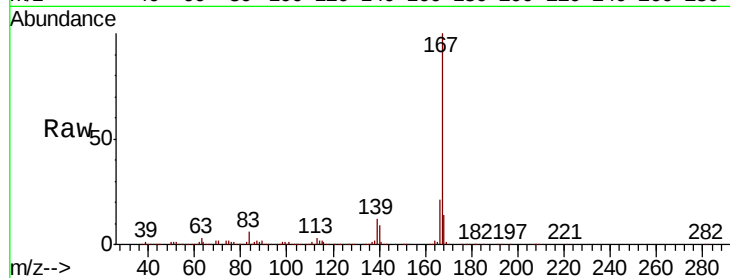
167 100

166 21.2 17.1 25.7

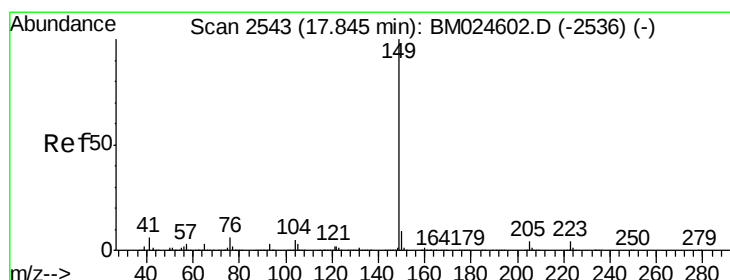
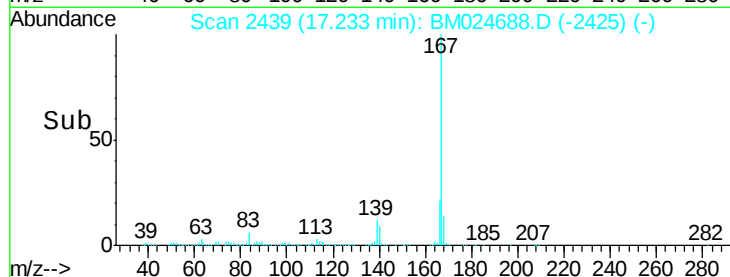
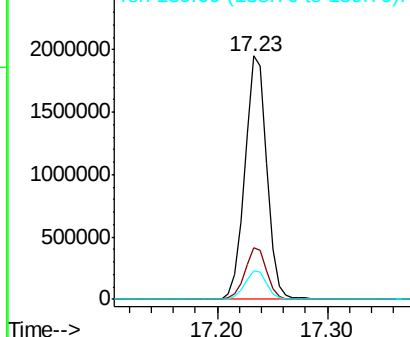
139 11.9 9.8 14.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.921 ng

RT: 17.83 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

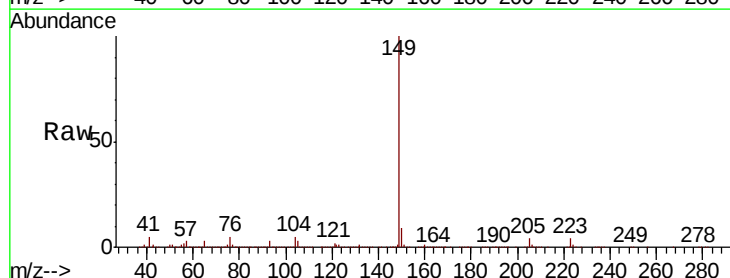
Tgt Ion:149 Resp: 3228870

Ion Ratio Lower Upper

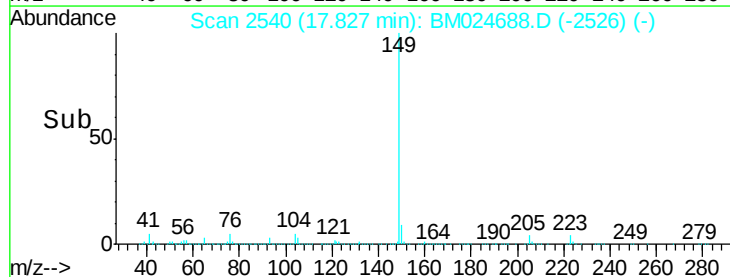
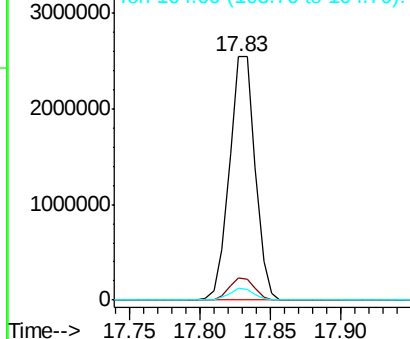
149 100

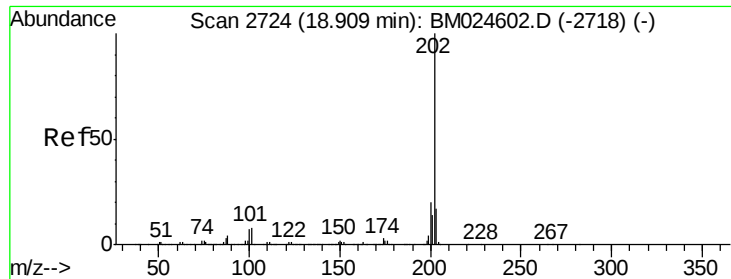
150 9.2 7.4 11.0

104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.677 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

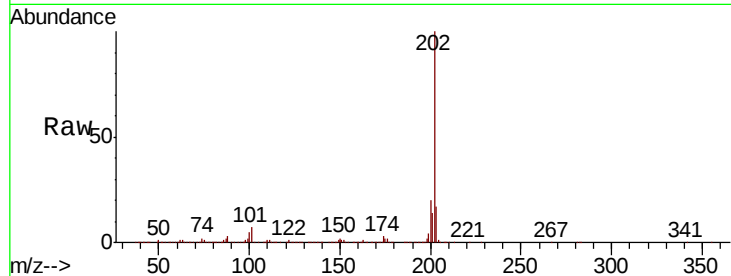
ClientSampleId :

BU-01-012920MSD

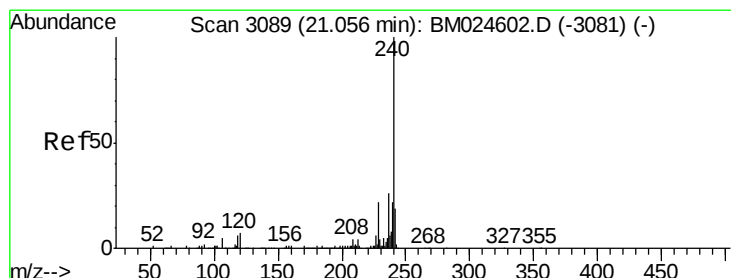
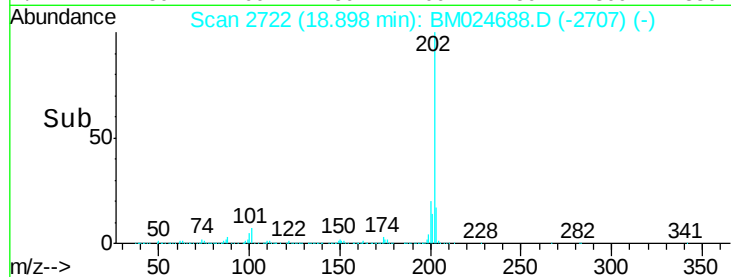
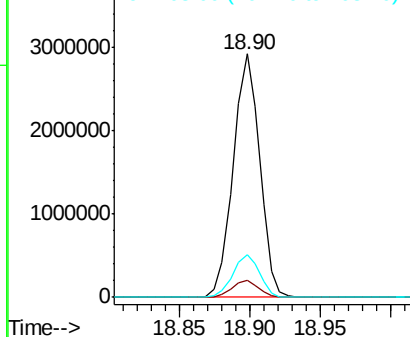
Tot Ion:	202	Resp:	3828456
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.4
203	17.3	0.0	37.5

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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: 21.04 min Scan# 3086

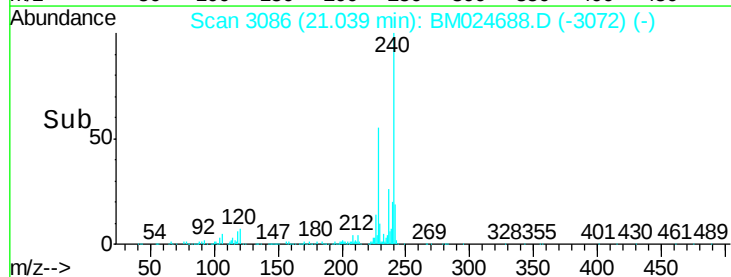
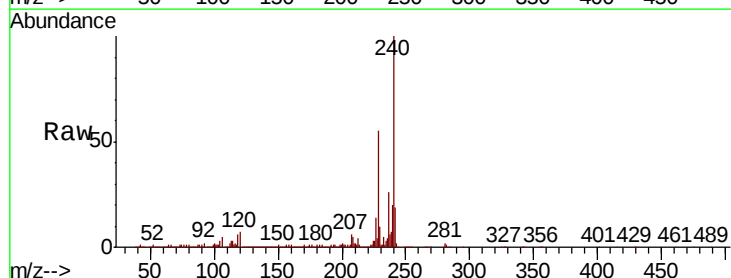
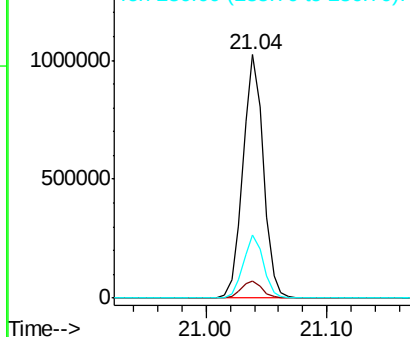
Delta R.T. -0.02 min

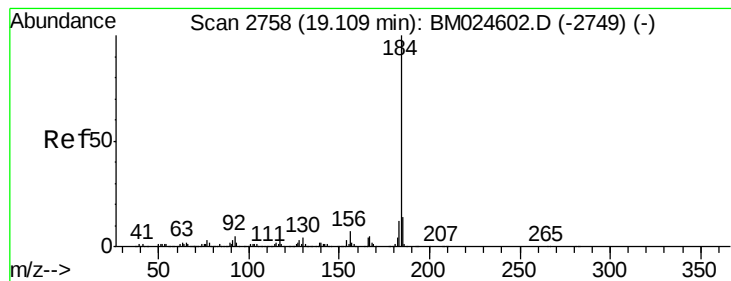
Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:	240	Resp:	1216726
Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.9	20.6	31.0

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: 42.934 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion:184 Resp: 1216584

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

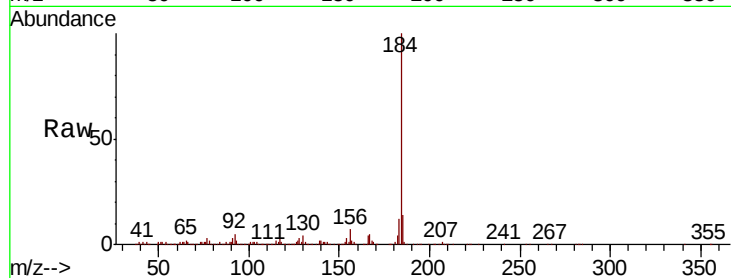
183 11.7 9.6 14.4

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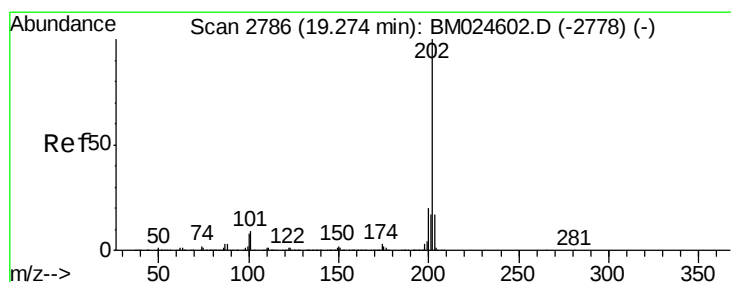
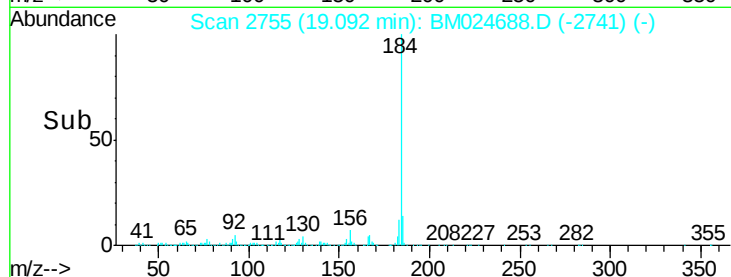
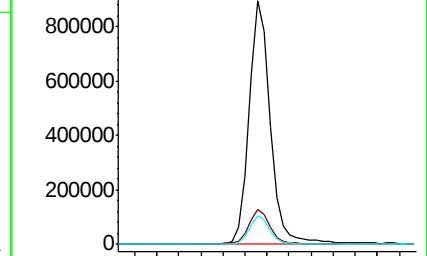
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Abundance Ion 184.00 (183.70 to 184.70): E

1200000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.698 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

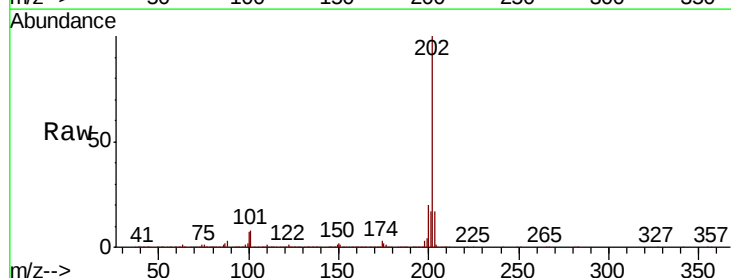
Tgt Ion:202 Resp: 3906087

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

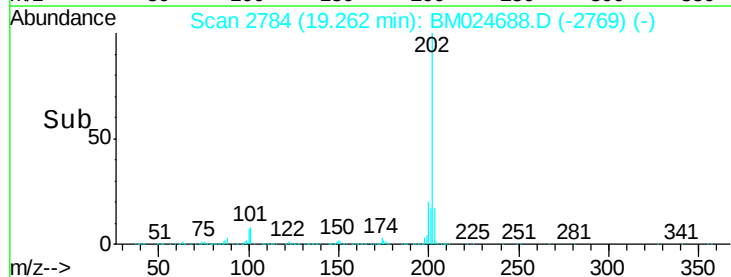
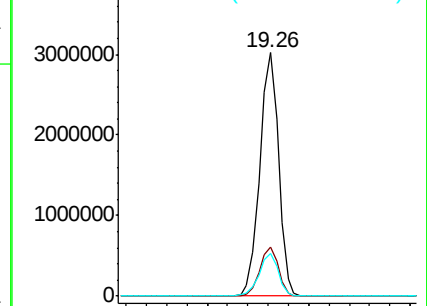
203 17.4 14.0 21.0

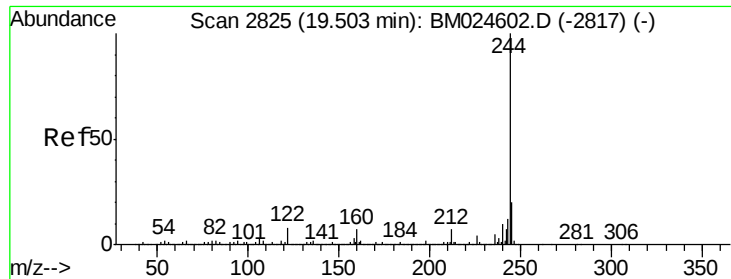


Abundance Ion 202.00 (201.70 to 202.70): E

4000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





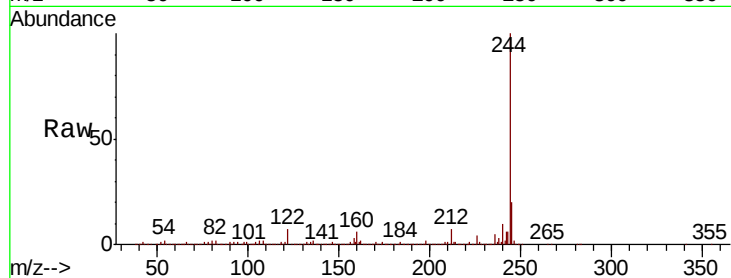
#79
 Terphenyl-d14
 Concen: 99.655 ng
 RT: 19.49 min Scan# 2822
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MSD

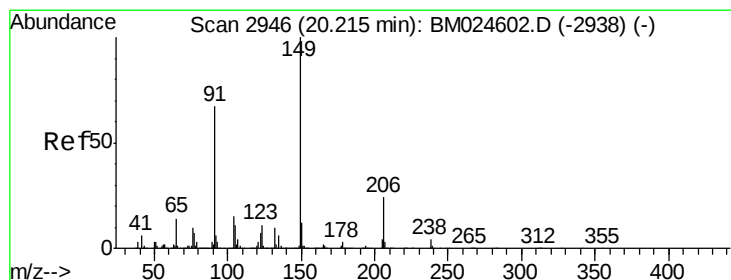
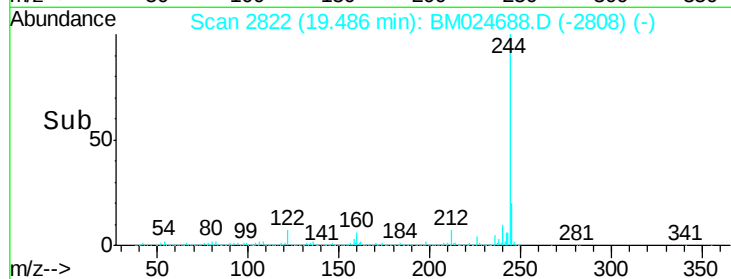
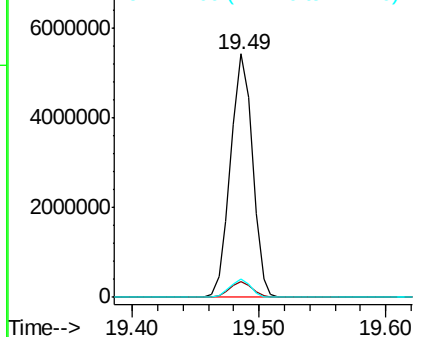
Tot Ion:244 Resp: 6494861
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 7.3 6.2 9.4

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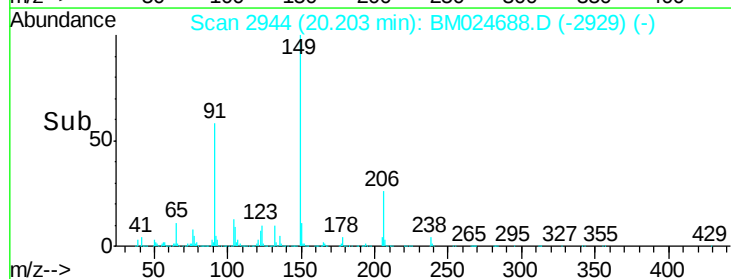
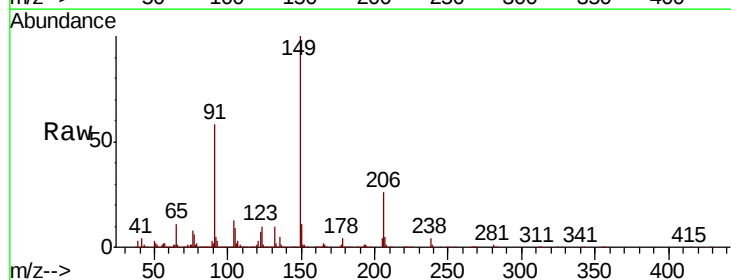
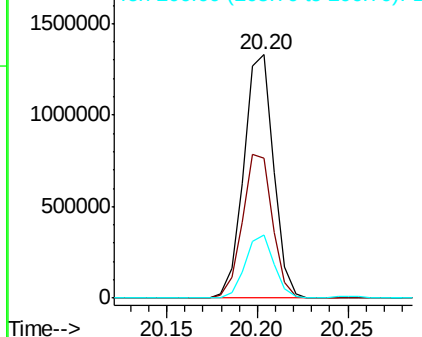
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

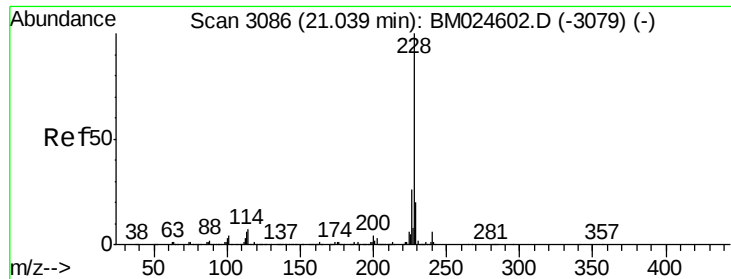


#80
 Butylbenzylphthalate
 Concen: 45.046 ng
 RT: 20.20 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion:149 Resp: 1516124
 Ion Ratio Lower Upper
 149 100
 91 57.6 53.9 80.9
 206 25.7 19.0 28.6

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.444 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion:228 Resp: 4091033

Ion Ratio Lower Upper

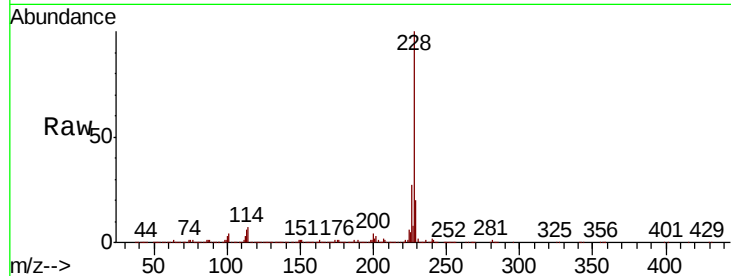
228 100

226 26.6 21.1 31.7

229 19.9 15.8 23.6

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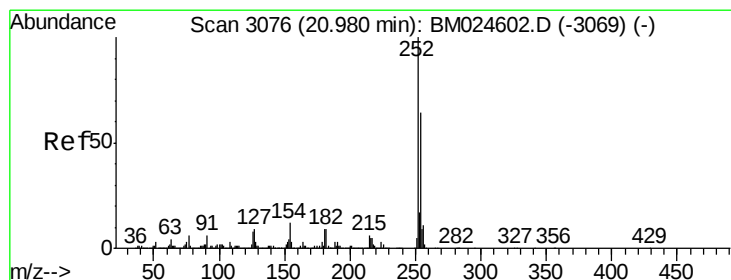
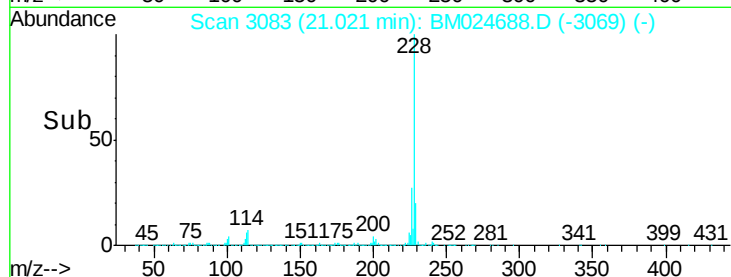
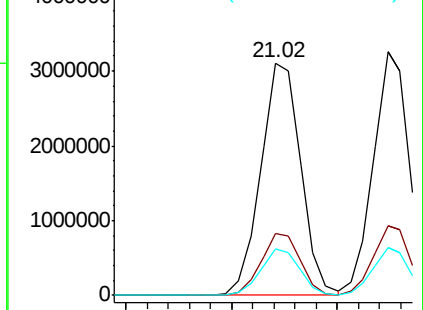
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.881 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

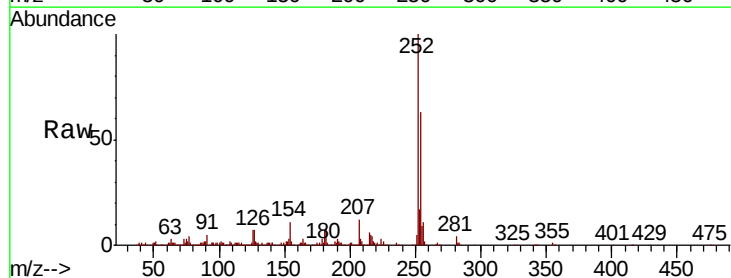
Tgt Ion:252 Resp: 603945

Ion Ratio Lower Upper

252 100

254 63.1 51.5 77.3

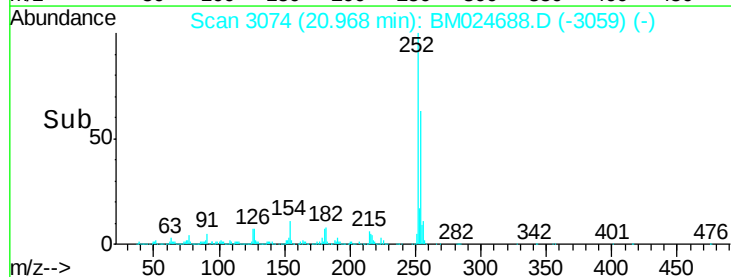
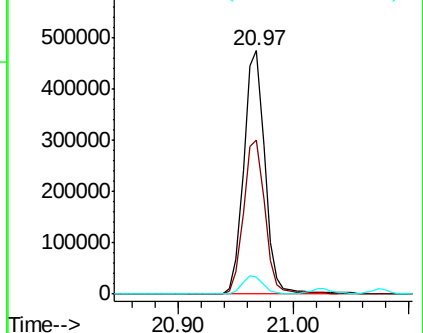
126 7.2 6.7 10.1

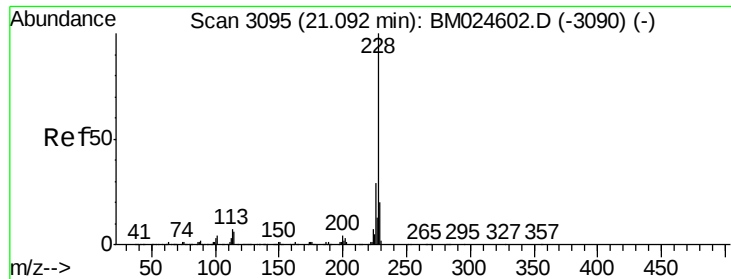


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.067 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Instrument :

BNA_M

ClientSampleId :

BU-01-012920MSD

Tot Ion:228 Resp: 3873262

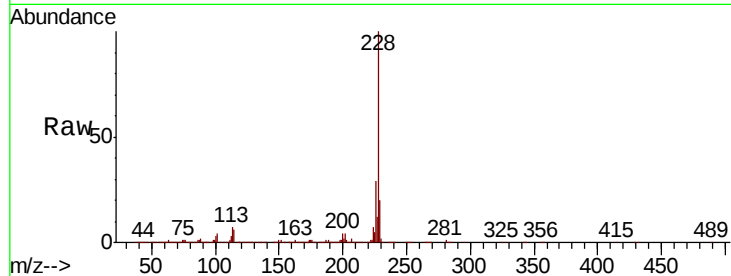
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.2	34.8
229	19.7	15.7	23.5

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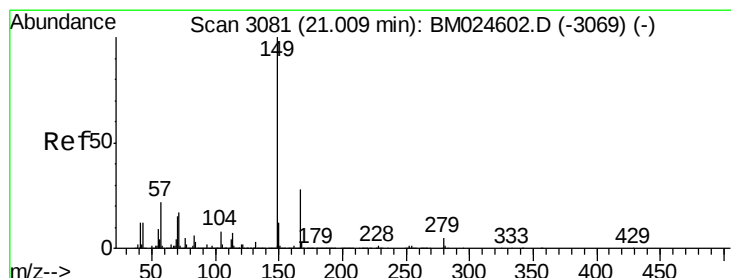
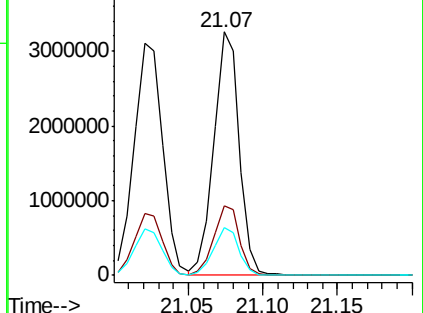
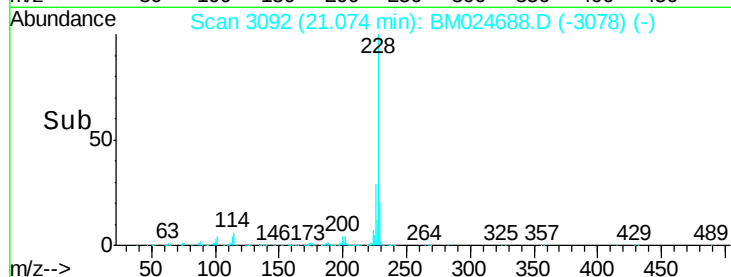
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.223 ng

RT: 21.00 min Scan# 3079

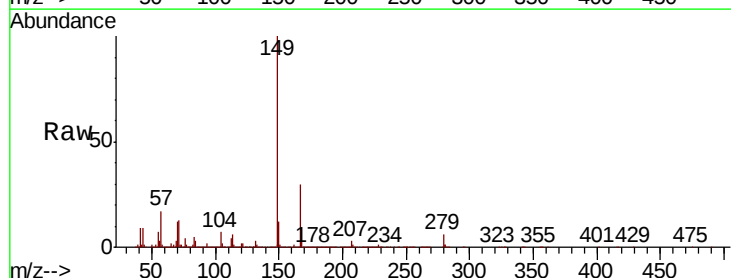
Delta R.T. -0.01 min

Lab File: BM024688.D

Acq: 31 Jan 2020 22:46

Tgt Ion:149 Resp: 2196193

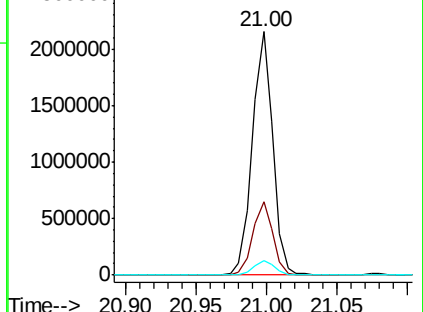
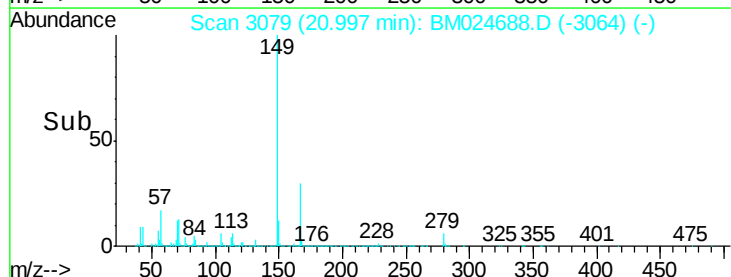
Ion	Ratio	Lower	Upper
149	100		
167	30.1	22.5	33.7
279	6.0	4.0	6.0

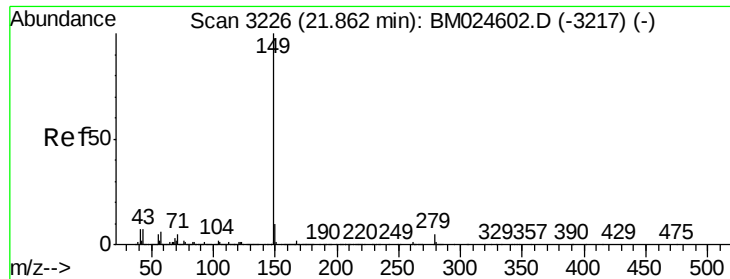


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





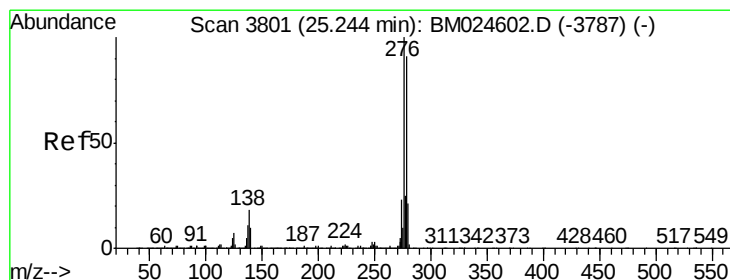
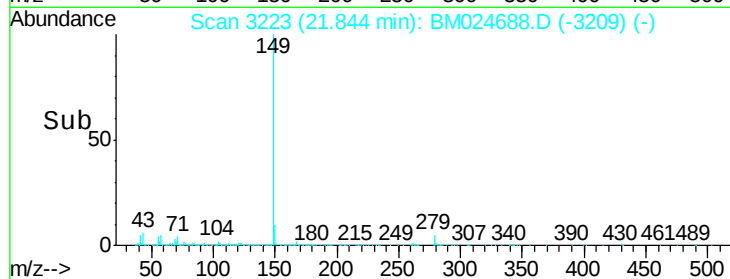
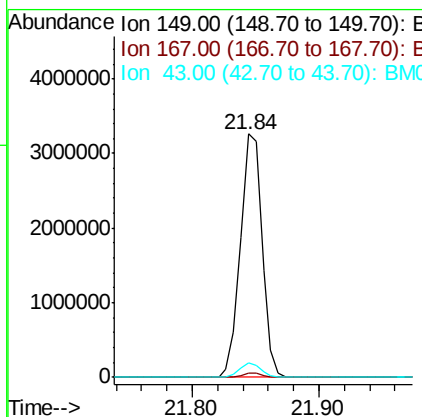
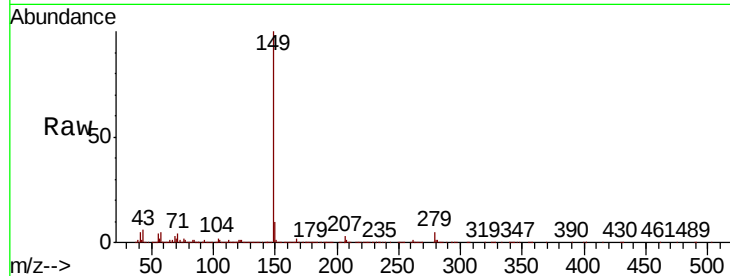
#85
Di-n-octyl phthalate
Concen: 46.788 ng
RT: 21.84 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.6	5.8	8.6

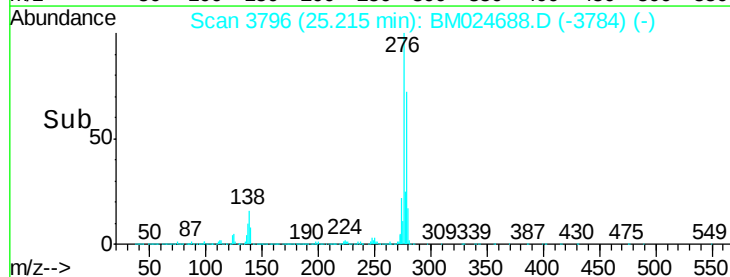
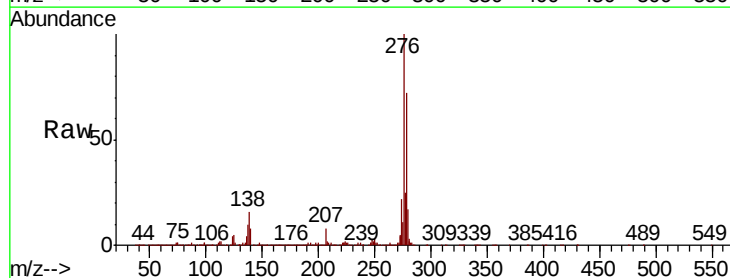
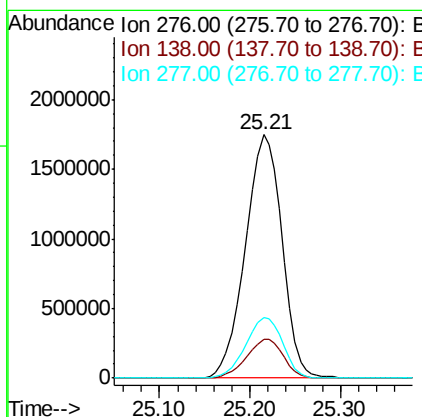
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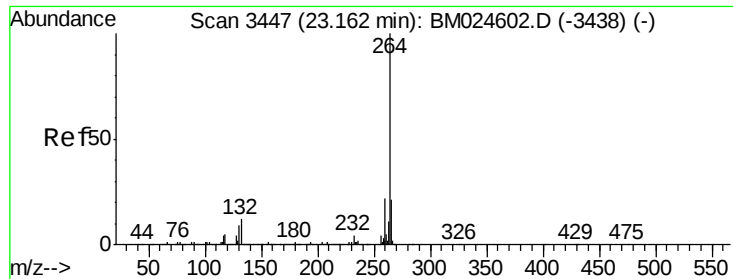
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#86
Indeno(1,2,3-cd)pyrene
Concen: 56.093 ng
RT: 25.21 min Scan# 3796
Delta R.T. -0.03 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.4	20.0
277	25.2	19.6	29.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.14 min Scan# 3444
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

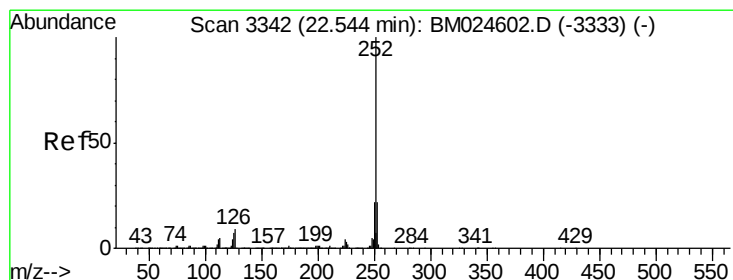
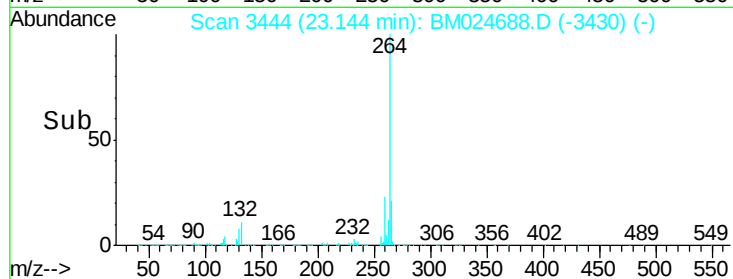
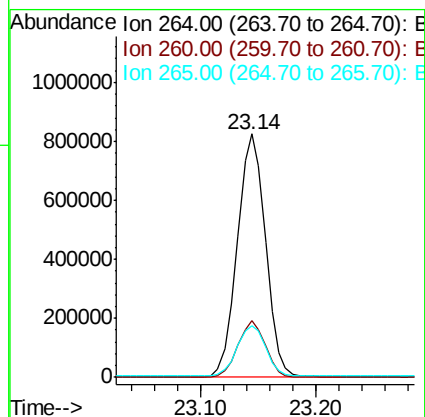
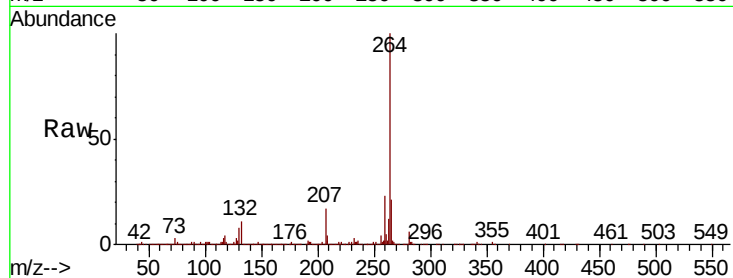
Instrument :
 BNA_M
 ClientSampleId :
 BU-01-012920MSD

Tot Ion:264 Resp: 1401997

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.3	17.3	25.9

Manual Integrations
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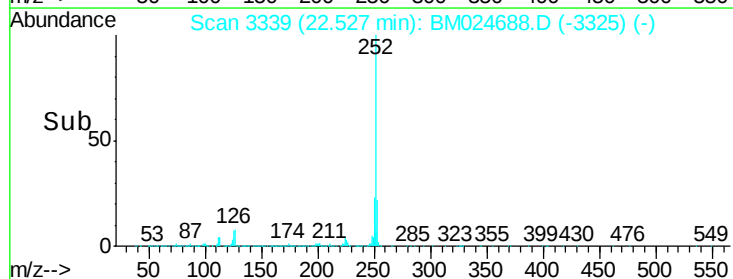
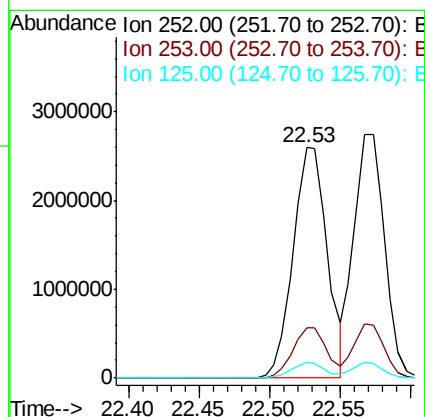
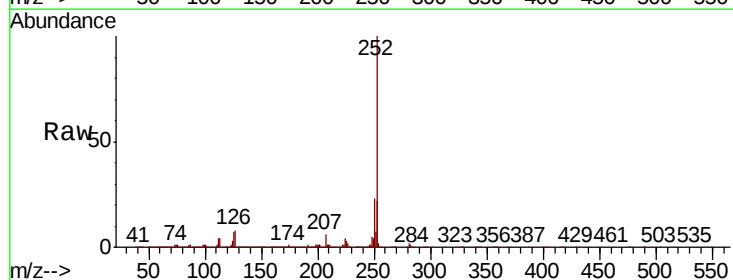
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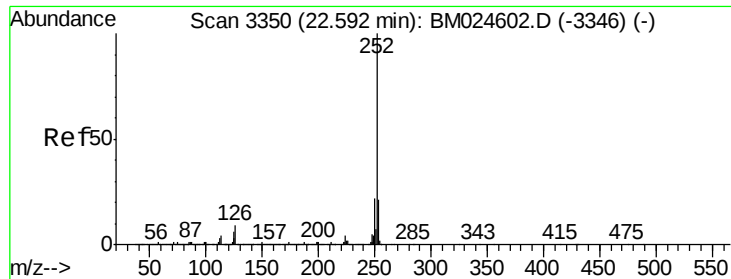


#88
 Benzo(b)fluoranthene
 Concen: 47.916 ng
 RT: 22.53 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BM024688.D
 Acq: 31 Jan 2020 22:46

Tgt Ion:252 Resp: 4356977

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	6.6	5.7	8.5





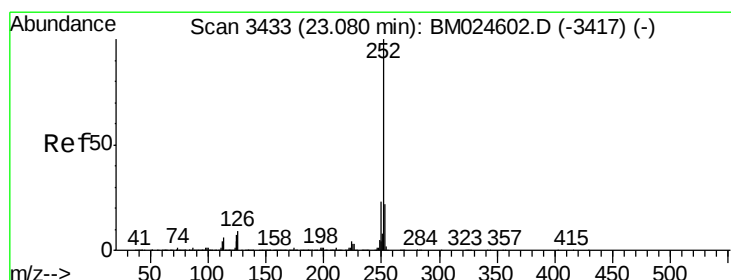
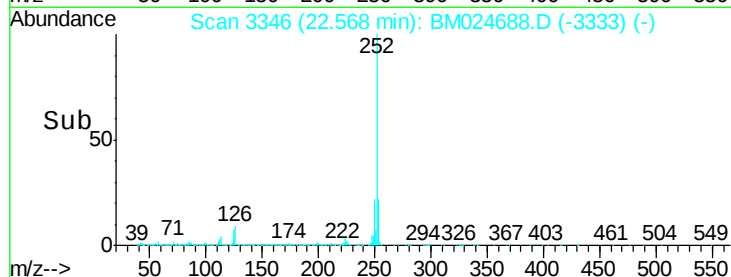
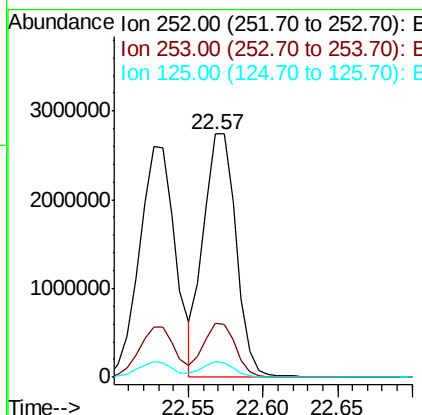
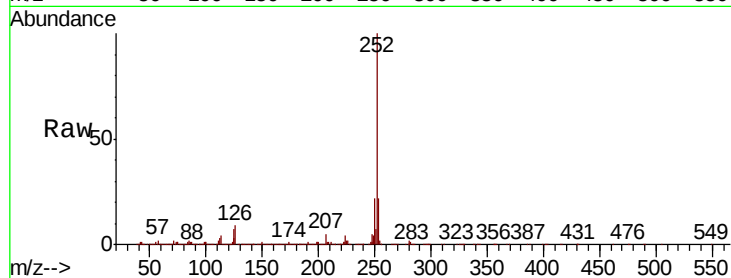
#89
Benzo(k)fluoranthene
Concen: 46.691 ng
RT: 22.57 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion:252 Resp: 4144114
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 6.7 5.2 7.8

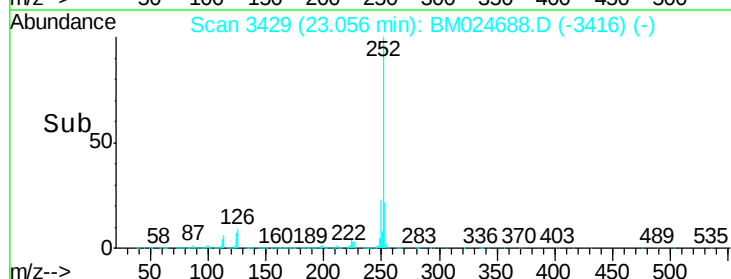
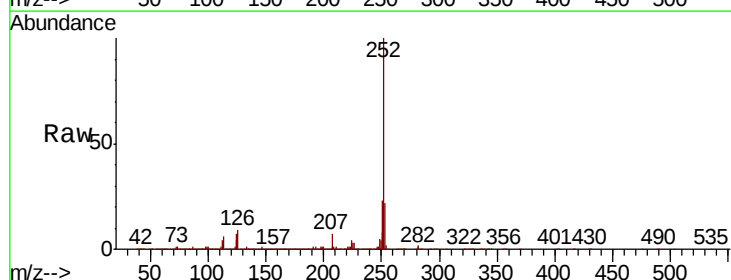
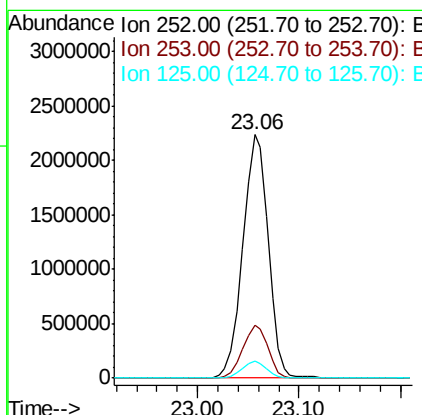
Manual Integrations
APPROVED

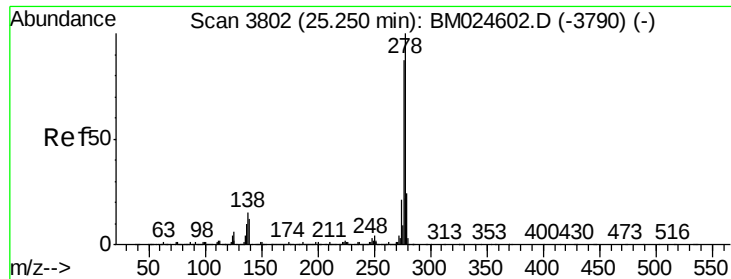
mohammad
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#90
Benzo(a)pyrene
Concen: 46.939 ng
RT: 23.06 min Scan# 3429
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:252 Resp: 3880498
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 7.0 5.8 8.8





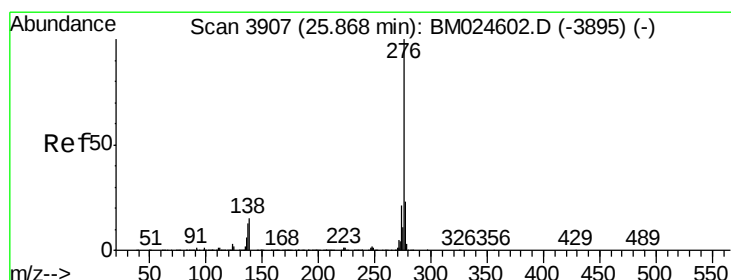
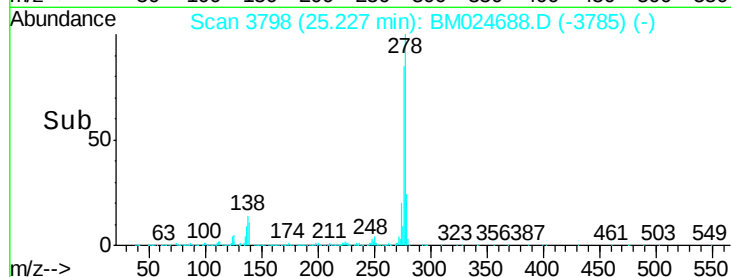
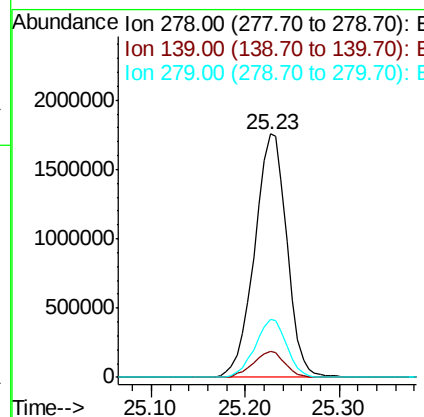
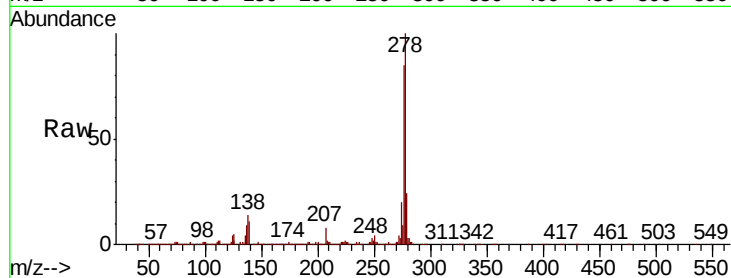
#91
Dibenzo(a,h)anthracene
Concen: 53.203 ng
RT: 25.23 min Scan# 3798
Delta R.T. -0.02 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Instrument :
BNA_M
ClientSampleId :
BU-01-012920MSD

Tot Ion:278 Resp: 4174661
Ion Ratio Lower Upper
278 100
139 10.6 9.3 13.9
279 23.9 18.9 28.3

Manual Integrations
APPROVED

mohammad
2/3/2020 4:11:17 PM



#92
Benzo(g,h,i)perylene
Concen: 57.522 ng
RT: 25.84 min Scan# 3902
Delta R.T. -0.03 min
Lab File: BM024688.D
Acq: 31 Jan 2020 22:46

Tgt Ion:276 Resp: 4098381
Ion Ratio Lower Upper
276 100
277 23.4 18.6 28.0
138 13.7 11.9 17.9

