

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
 Data File : BM024634.D
 Acq On : 28 Jan 2020 10:32
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/30/2020 8:03:02 AM

Quant Time: Jan 28 15:14:22 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	7.45	152	324058	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1251955	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	922180	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	2159892	20.00	ng	0.00
76) Chrysene-d12	21.06	240	2066253	20.00	ng	0.00
87) Perylene-d12	23.16	264	1964851	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	1411051	82.81	ng	0.00
7) Phenol-d6	6.65	99	1898057	80.86	ng	0.00
23) Nitrobenzene-d5	8.59	82	2010459	78.75	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1430019	95.33	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	5967669	87.98	ng	0.00
79) Terphenyl-d14	19.50	244	10659865	96.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	261299	38.765	ng	92
3) Pyridine	3.45	79	749612	38.362	ng	95
4) n-Nitrosodimethylamine	3.37	42	296979	34.240	ng	84
6) Aniline	6.79	93	1146436	40.119	ng	96
8) 2-Chlorophenol	7.02	128	821890	42.370	ng	91
9) Benzaldehyde	6.60	77	516458	37.236	ng	92
10) Phenol	6.67	94	940253	40.184	ng	94
11) bis(2-Chloroethyl)ether	6.89	93	765570	40.870	ng	95
12) 1,3-Dichlorobenzene	7.33	146	1047101	43.940	ng	95
13) 1,4-Dichlorobenzene	7.48	146	1062808	43.962	ng	96
14) 1,2-Dichlorobenzene	7.79	146	1011115	43.329	ng	98
15) Benzyl Alcohol	7.69	79	747440	38.620	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	600026	34.990	ng	96
17) 2-Methylphenol	7.90	107	678300	41.136	ng	95
18) Hexachloroethane	8.50	117	376106	40.288	ng	94
19) n-Nitroso-di-n-propylamine	8.26	70	641092	36.375	ng	94
20) 3+4-Methylphenols	8.23	107	942171	41.277	ng	97
22) Acetophenone	8.26	105	1338337	41.458	ng	96
24) Nitrobenzene	8.63	77	954039	38.998	ng	94
25) Isophorone	9.16	82	1743879	40.203	ng	98
26) 2-Nitrophenol	9.33	139	530893	46.866	ng	88
27) 2,4-Dimethylphenol	9.41	122	680468	44.205	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	1110317	41.902	ng	99
29) 2,4-Dichlorophenol	9.86	162	984154	47.322	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	1194354	47.617	ng	99
31) Naphthalene	10.25	128	2781679	43.991	ng	100
32) Benzoic acid	9.60	122	582532	41.369	ng	94
33) 4-Chloroaniline	10.37	127	1246015	44.955	ng	96
34) Hexachlorobutadiene	10.56	225	813733	46.931	ng	99
35) Caprolactam	11.17	113	295700m	44.318	ng	
36) 4-Chloro-3-methylphenol	11.52	107	945073	42.736	ng	90
37) 2-Methylnaphthalene	11.87	142	2223153	45.558	ng	98
38) 1-Methylnaphthalene	12.10	142	2098380	45.206	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1475767	44.839	ng	99

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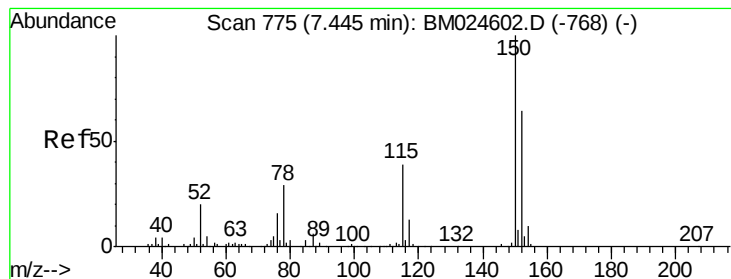
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	845333	45.822	nq	100
43) 2,4,6-Trichlorophenol	12.51	196	964159	46.035	nq	100
44) 2,4,5-Trichlorophenol	12.58	196	987096	46.148	nq	96
46) 1,1'-Biphenyl	12.92	154	3085276	44.209	nq	99
47) 2-Chloronaphthalene	12.95	162	2500441	44.381	nq	98
48) 2-Nitroaniline	13.16	65	637235	37.084	nq	88
49) Acenaphthylene	13.81	152	3720658	44.114	nq	100
50) Dimethylphthalate	13.57	163	3256975	43.677	nq	100
51) 2,6-Dinitrotoluene	13.67	165	713226	44.987	nq #	85
52) Acenaphthene	14.16	154	2296617	43.882	nq	99
53) 3-Nitroaniline	14.00	138	715510	43.513	nq	94
54) 2,4-Dinitrophenol	14.22	184	438794	46.283	nq #	83
55) Dibenzofuran	14.50	168	3767820	44.143	nq	97
56) 4-Nitrophenol	14.33	139	550281	42.811	nq	87
57) 2,4-Dinitrotoluene	14.47	165	1027515	45.222	nq #	85
58) Fluorene	15.15	166	3112533	43.393	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	975981	44.994	nq	94
60) Diethylphthalate	14.96	149	3215022	42.468	nq	97
61) 4-Chlorophenyl-phenylether	15.16	204	1784808	43.159	nq	98
62) 4-Nitroaniline	15.18	138	775527	42.727	nq	91
63) Azobenzene	15.45	77	2412278	37.356	nq	92
65) 4,6-Dinitro-2-methylphenol	15.24	198	582971	45.904	nq	90
66) n-Nitrosodiphenylamine	15.37	169	2737313	44.120	nq	99
67) 4-Bromophenyl-phenylether	16.05	248	1219796	45.413	nq	96
68) Hexachlorobenzene	16.16	284	1446503	46.929	nq	96
69) Atrazine	16.34	200	952937	40.014	nq	99
70) Pentachlorophenol	16.50	266	862218	45.924	nq	99
71) Phenanthrene	16.89	178	5158865	44.107	nq	99
72) Anthracene	16.98	178	5058560	44.201	nq	99
73) Carbazole	17.25	167	4549009	43.664	nq	99
74) Di-n-butylphthalate	17.84	149	5620945	42.203	nq	99
75) Fluoranthene	18.92	202	6356993	43.547	nq	99
77) Benzidine	19.11	184	2098133	43.602	nq	100
78) Pyrene	19.27	202	6486751	47.621	nq	100
80) Butylbenzylphthalate	20.22	149	2556845	44.733	nq	94
81) Benzo(a)anthracene	21.04	228	6303672	43.956	nq	100
82) 3,3'-Dichlorobenzidine	20.98	252	2347117	45.497	nq	100
83) Chrysene	21.09	228	6026064	44.036	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	3573076	42.367	nq	97
85) Di-n-octyl phthalate	21.86	149	5730443	41.127	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.24	276	5549572	37.208	nq	99
88) Benzo(b)fluoranthene	22.54	252	5948328	46.677	nq	100
89) Benzo(k)fluoranthene	22.59	252	5679440	45.659	nq	99
90) Benzo(a)pyrene	23.08	252	5201861	44.897	nq	99
91) Dibenzo(a,h)anthracene	25.25	278	4604184	41.868	nq	99
92) Benzo(g,h,i)perylene	25.87	276	4380880	43.873	nq	98

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



#1

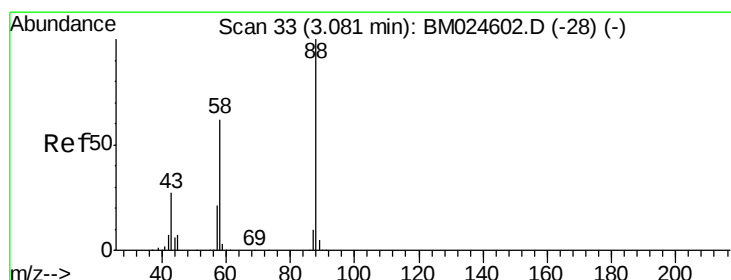
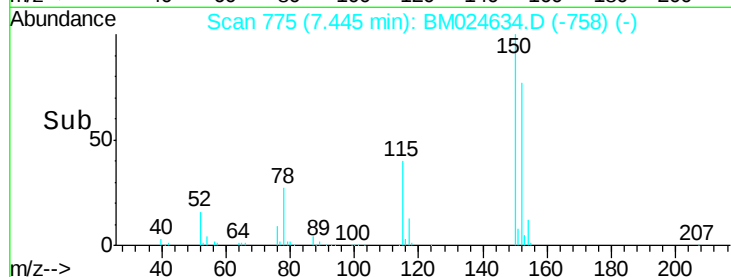
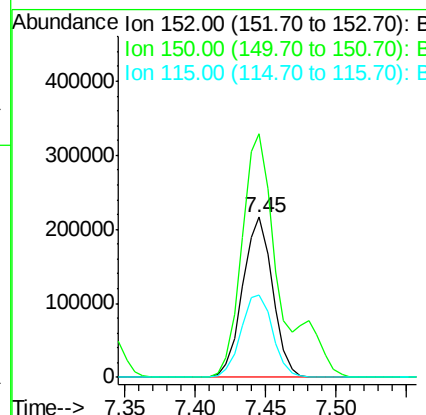
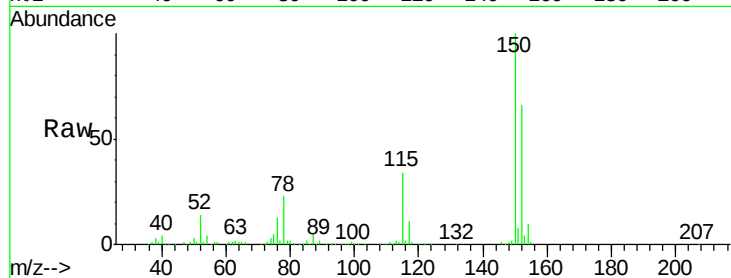
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.2	186.4
115	51.7	48.6	72.8

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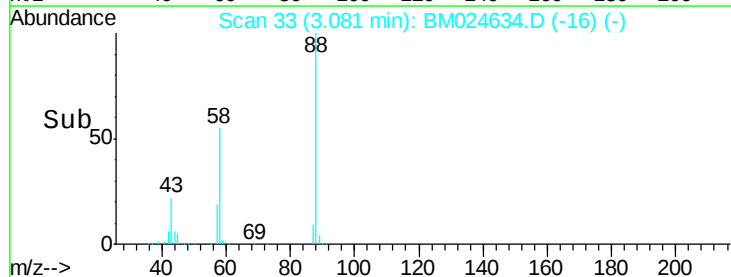
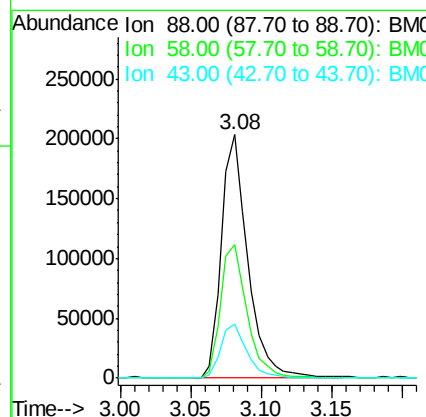
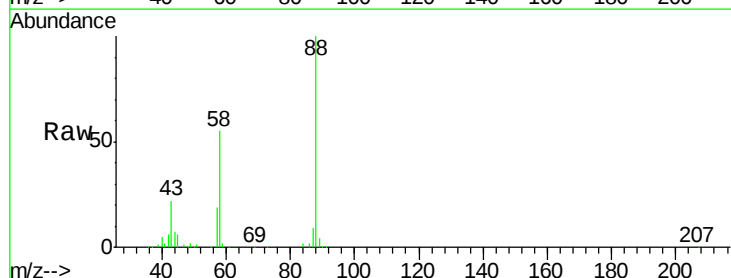
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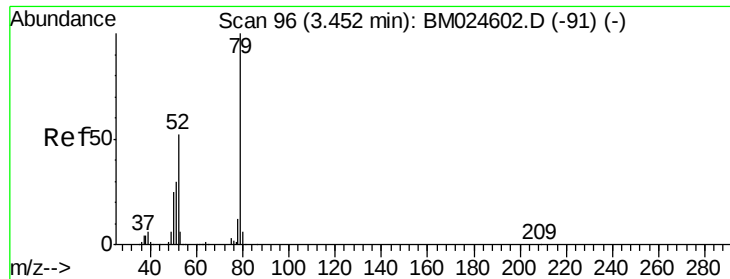


#2

1,4-Dioxane
Concen: 38.765 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	50.0	75.0
43	22.7	21.6	32.4





#3

Pvridine

Concen: 38.362 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

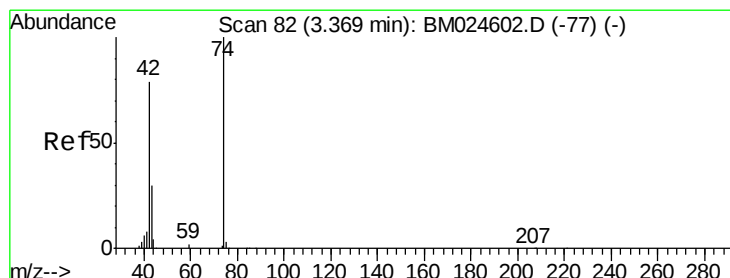
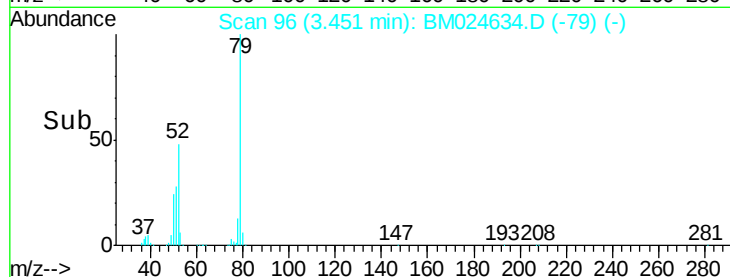
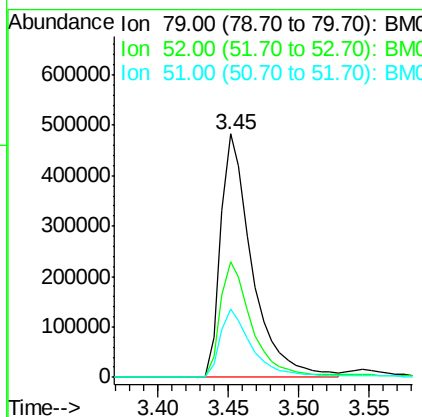
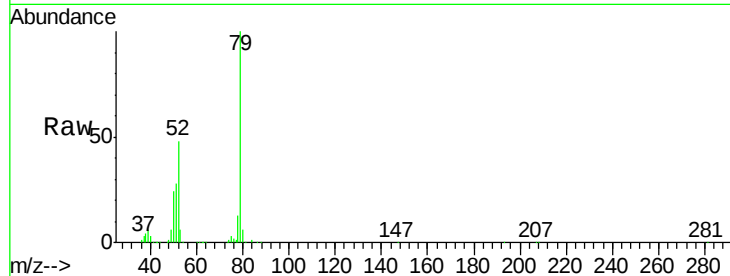
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	749612		
52	52	47.6		41.4	62.2
51	51	28.1		23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 34.240 ng

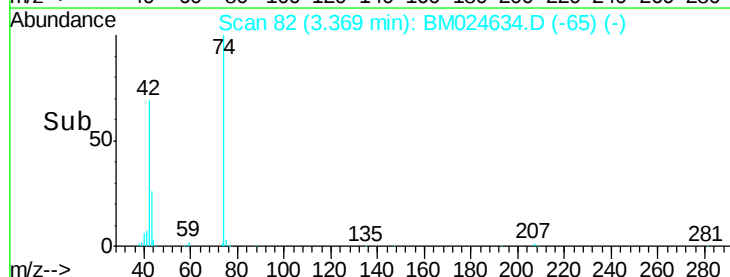
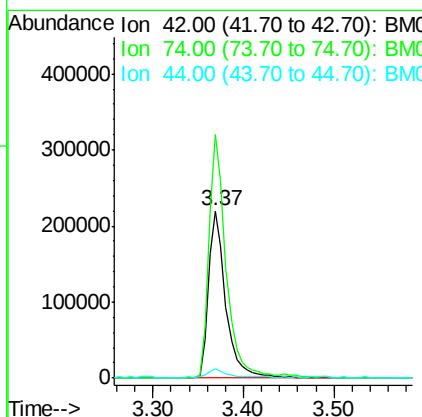
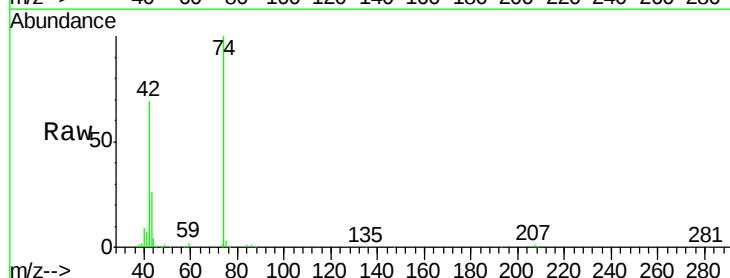
RT: 3.37 min Scan# 82

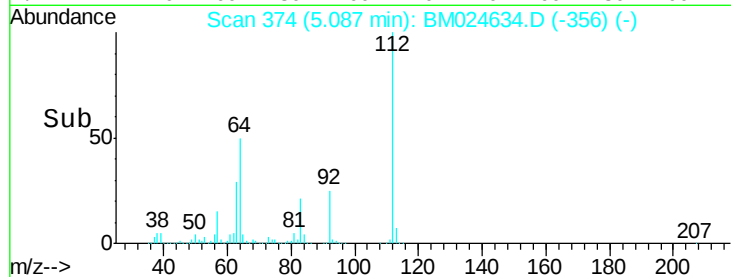
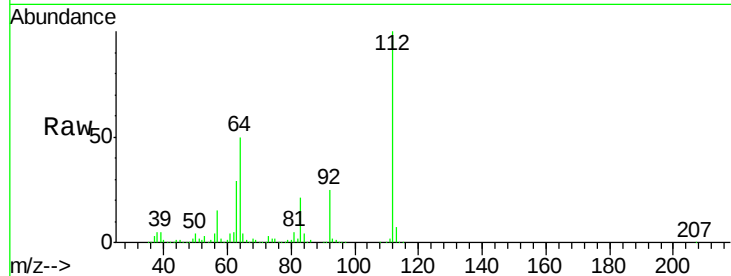
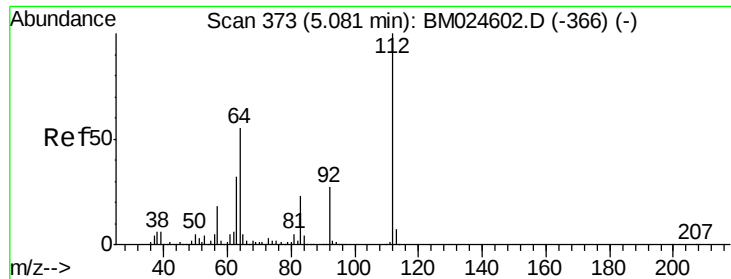
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	296979		
74	74	145.7		101.4	152.2
44	44	5.7		4.6	6.8





#5

2-Fluorophenol

Concen: 82.809 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tot Ion:	112	Resp:	1411051
Ion	Ratio	Lower	Upper
112	100		
64	49.7	44.2	66.4
63	28.6	25.9	38.9

Instrument :

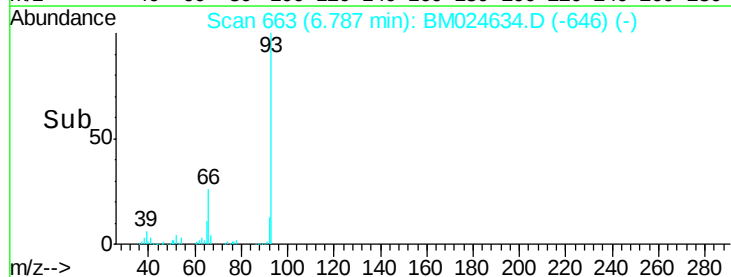
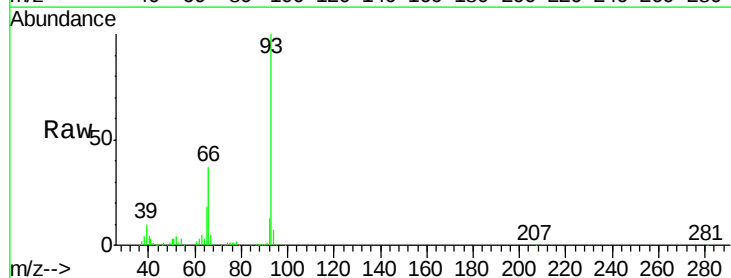
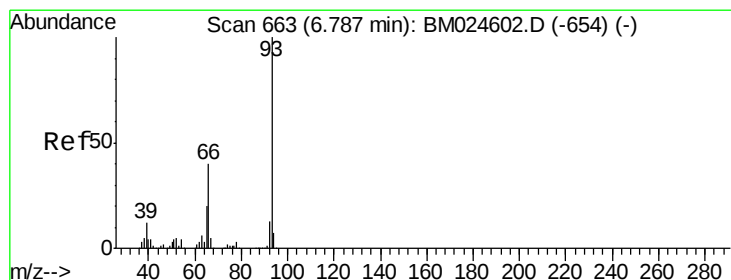
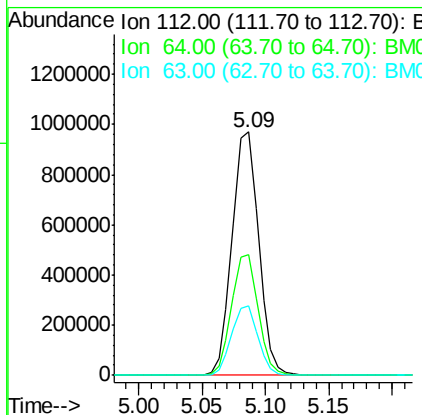
BNA_M

ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 40.119 ng

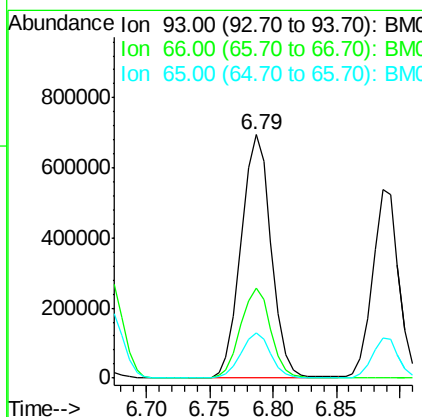
RT: 6.79 min Scan# 663

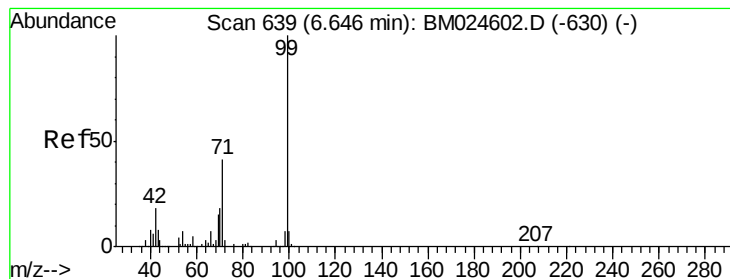
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:	93	Resp:	1146436
Ion	Ratio	Lower	Upper
93	100		
66	36.8	31.8	47.8
65	18.4	15.8	23.6





#7

Phenol-d6

Concen: 80.859 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1898057

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

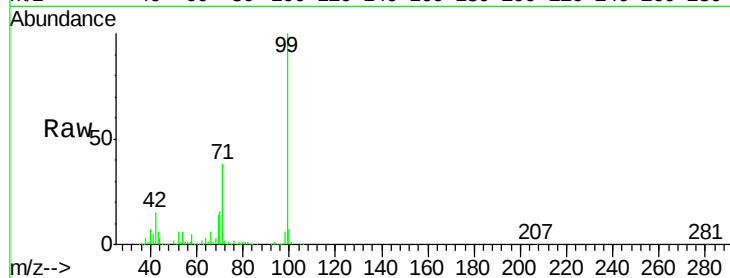
71 38.4 33.0 49.6

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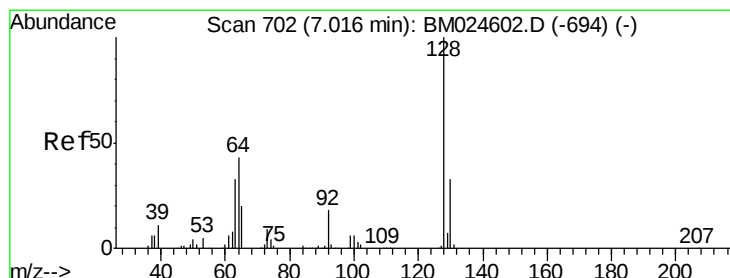
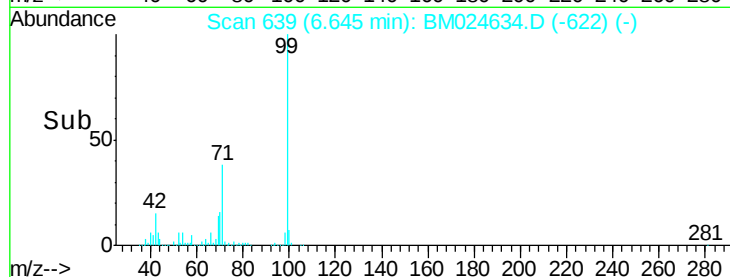
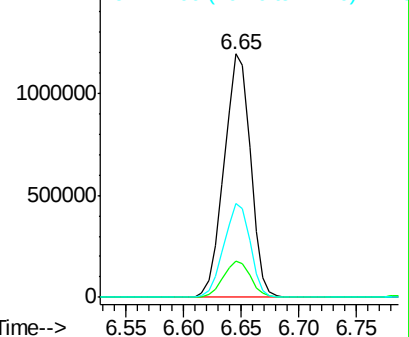
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Abundance Ion 99.00 (98.70 to 99.70): BM024602.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024602.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024602.D (-630) (-)



#8

2-Chlorophenol

Concen: 42.370 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

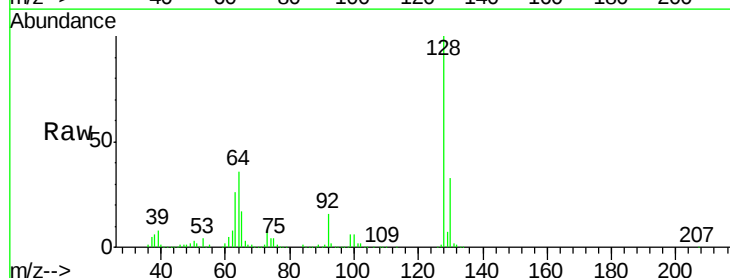
Tgt Ion: 128 Resp: 821890

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

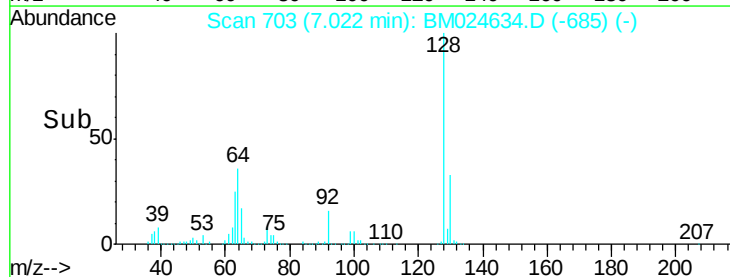
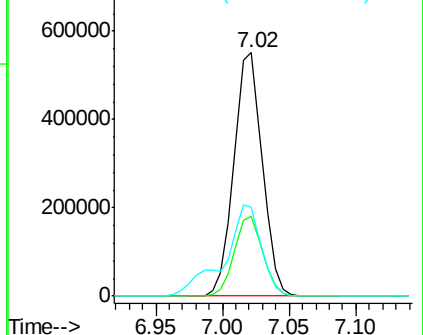
64 36.2 26.1 66.1

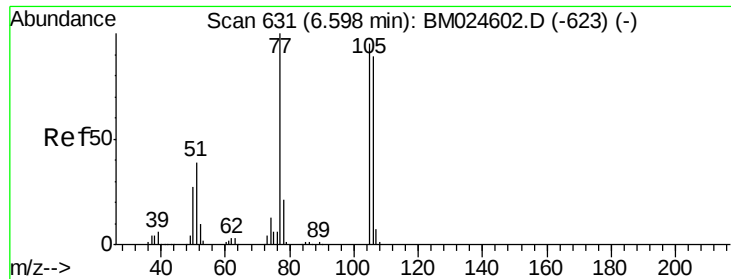


Abundance Ion 128.00 (127.70 to 128.70): BM024602.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024602.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024602.D (-694) (-)





#9

Benzaldehyde

Concen: 37.236 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

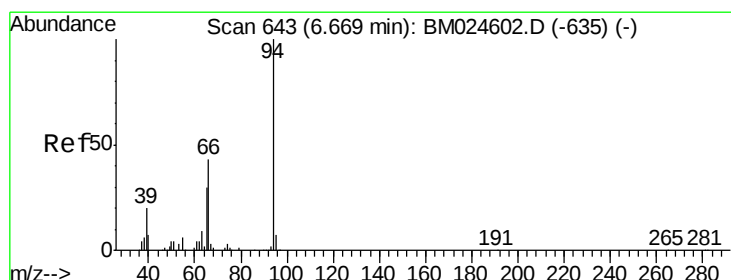
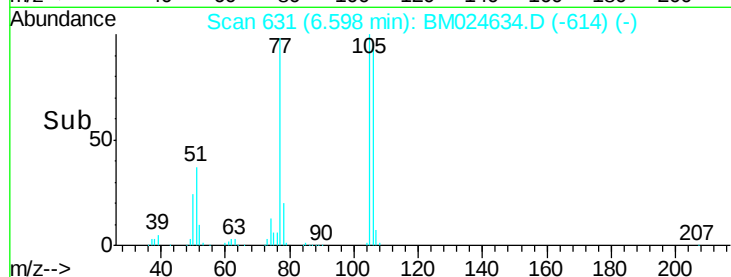
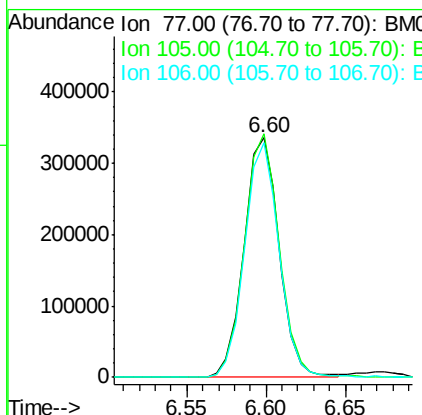
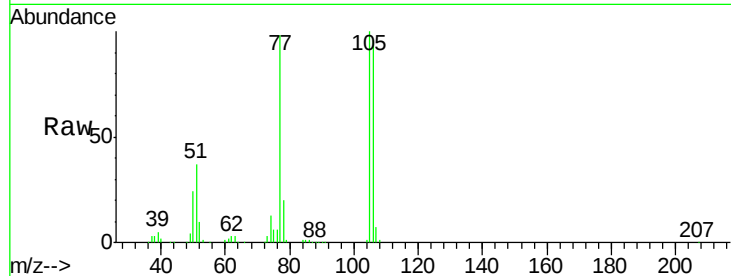
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.7	75.2	115.2		
106	98.1	68.6	108.6		

Manual Integrations
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#10

Phenol

Concen: 40.184 ng

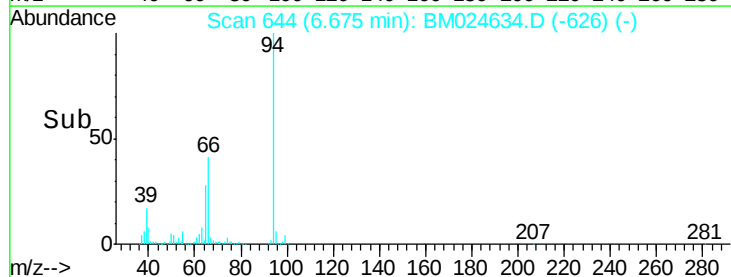
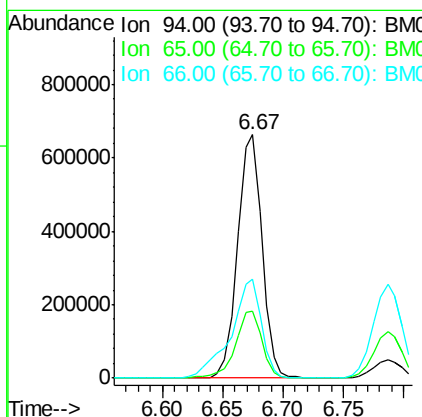
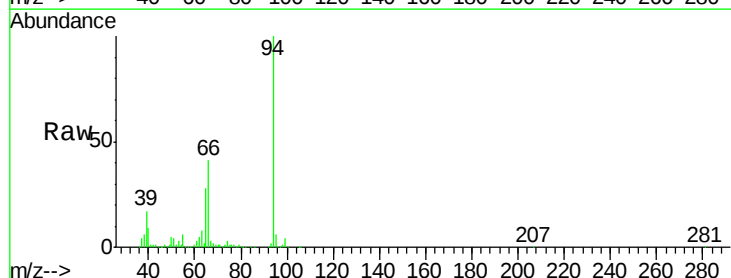
RT: 6.67 min Scan# 644

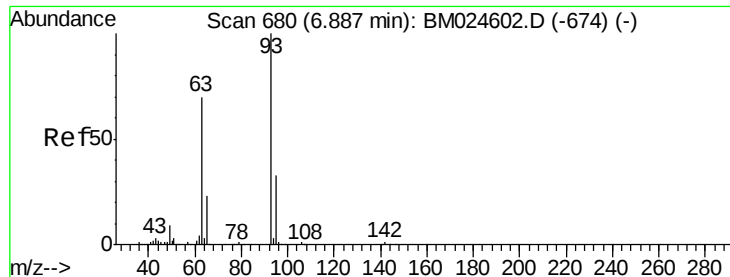
Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.6	10.3	50.3		
66	40.5	24.8	64.8		





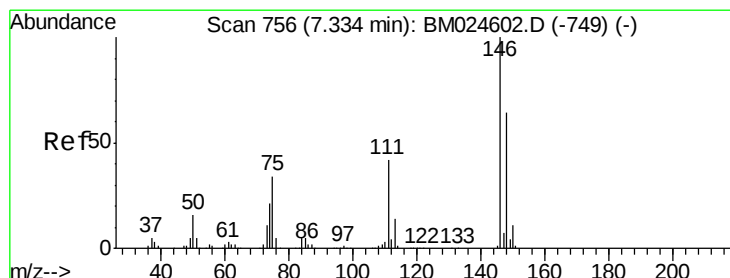
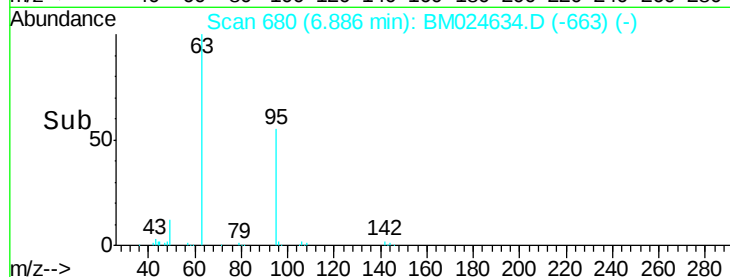
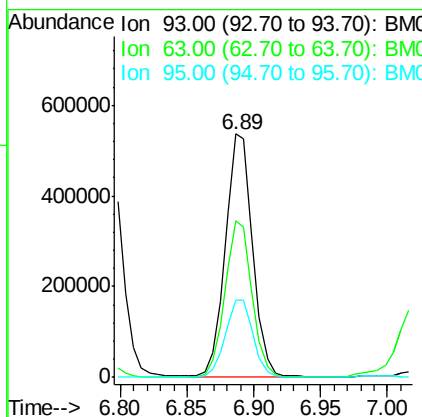
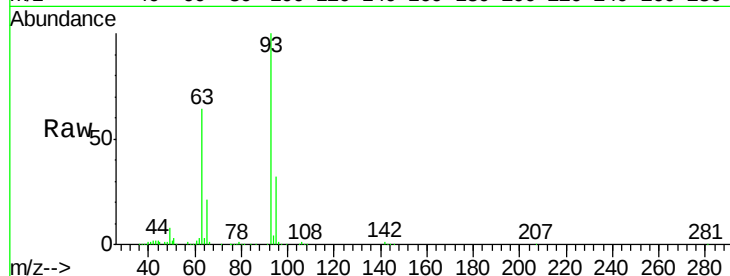
#11
bis(2-Chloroethyl)ether
Concen: 40.870 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.3	49.6	89.6
95	31.9	12.6	52.6

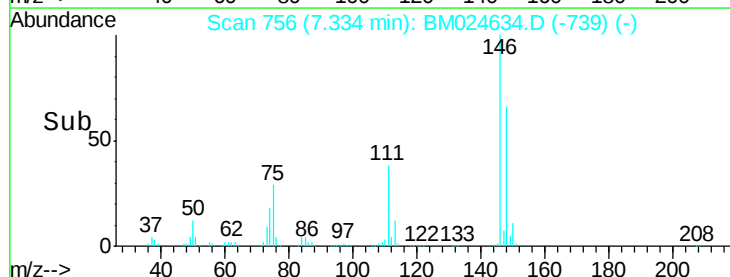
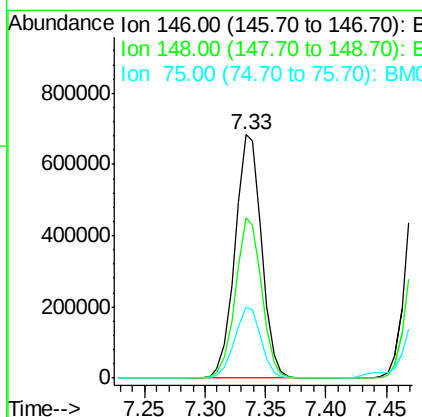
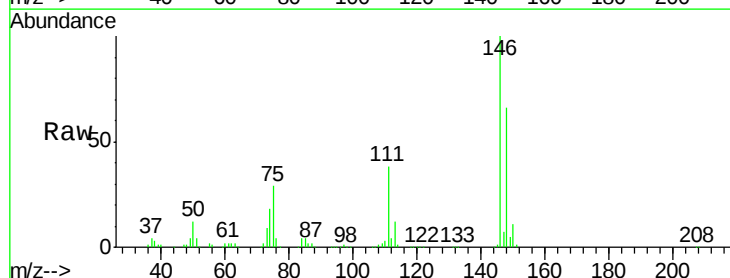
Manual Integrations
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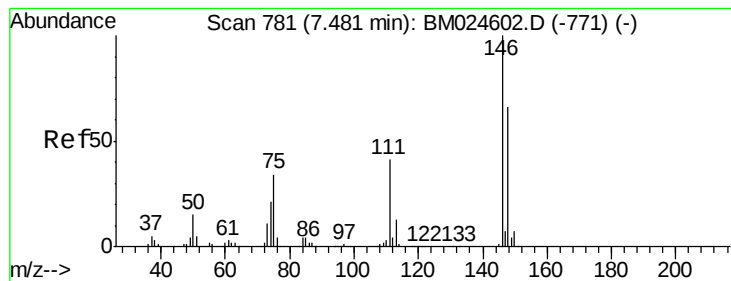
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.940 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.0	76.6
75	29.3	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 43.962 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1062808

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

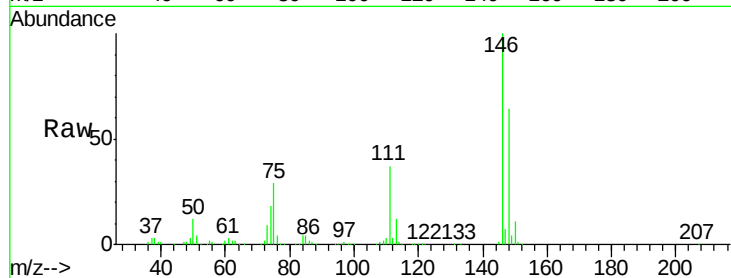
111 36.9 33.0 49.4

Manual Integrations

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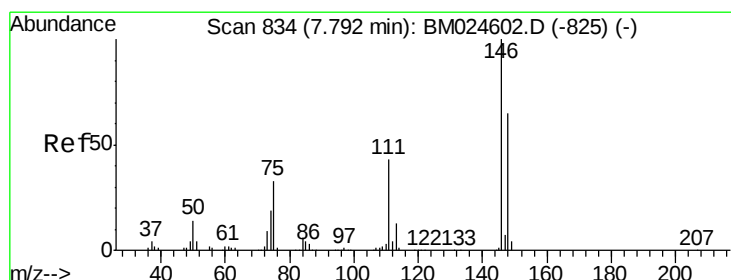
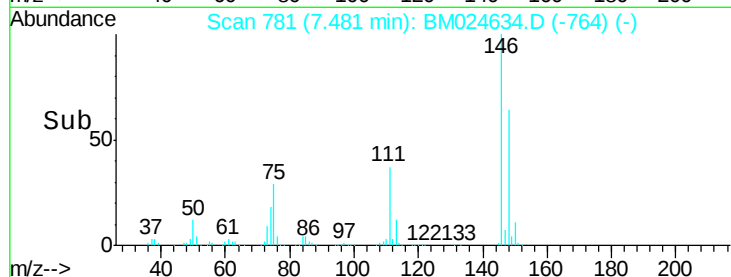
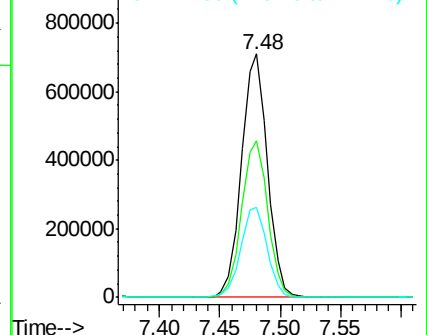
1/30/2020 8:03:02 AM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.329 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

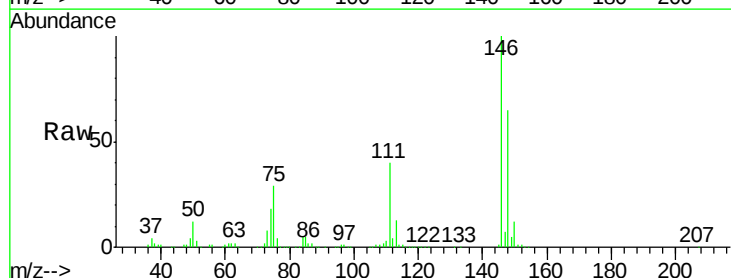
Tgt Ion:146 Resp: 1011115

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

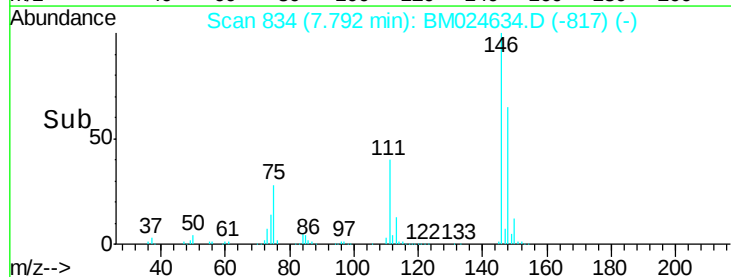
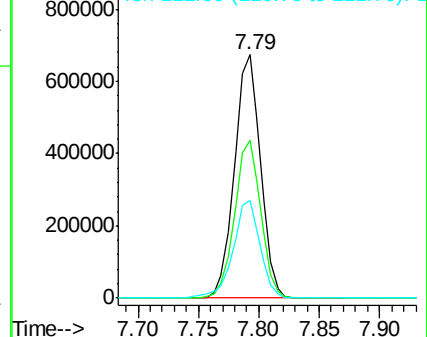
111 40.2 34.5 51.7

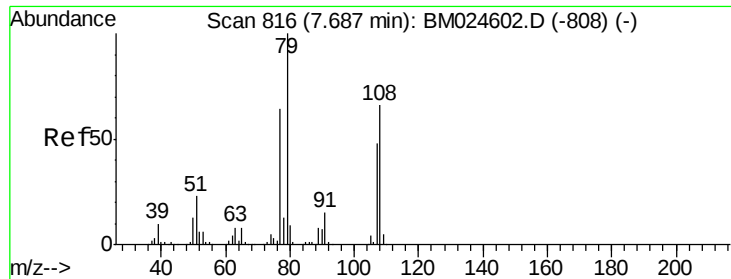


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.620 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

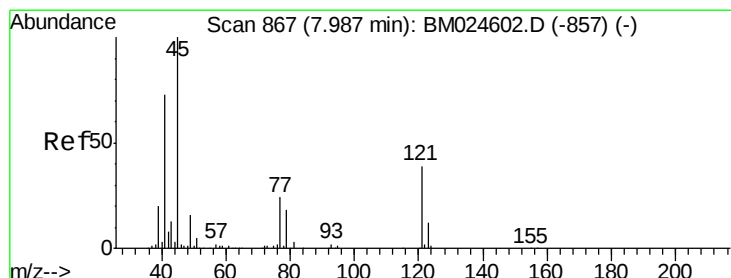
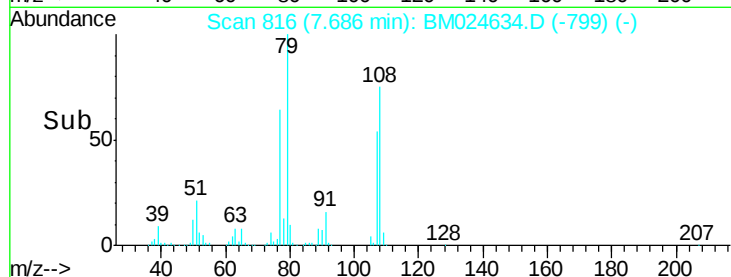
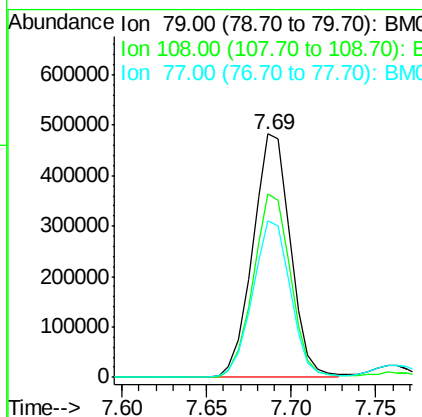
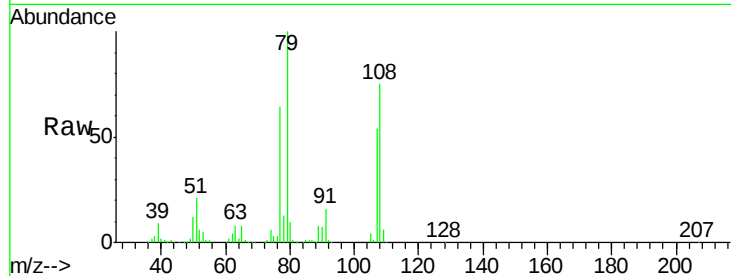
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	747440
Ion	Ratio	Lower	Upper
79	100		
108	75.1	53.0	79.4
77	64.2	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.990 ng

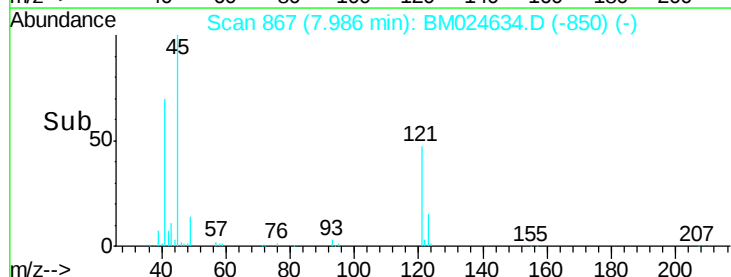
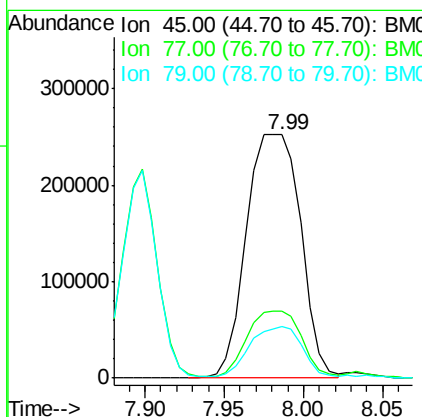
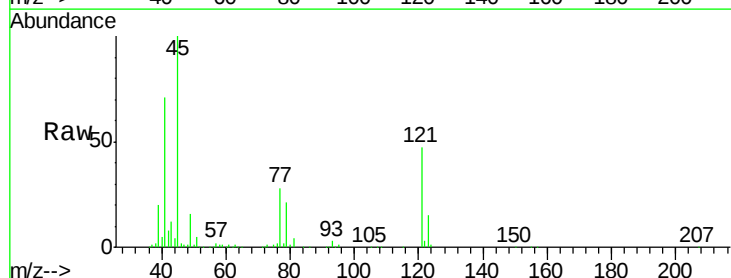
RT: 7.99 min Scan# 867

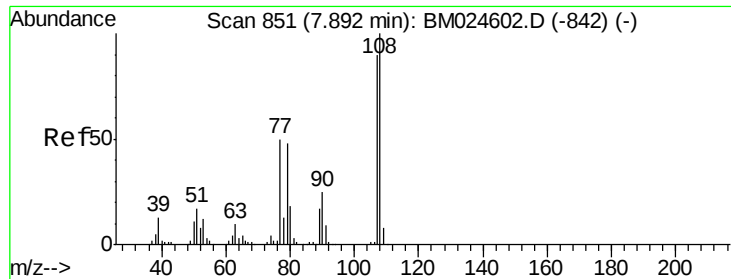
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:	45	Resp:	600026
Ion	Ratio	Lower	Upper
45	100		
77	27.6	5.2	45.2
79	21.0	0.0	39.4





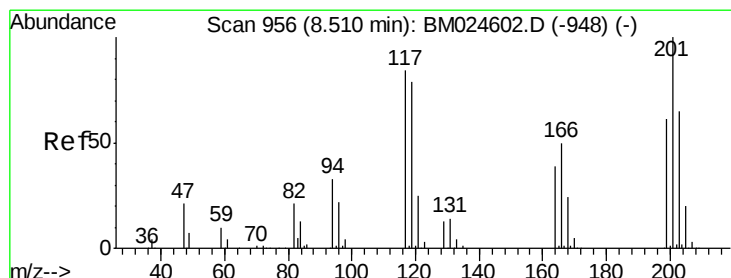
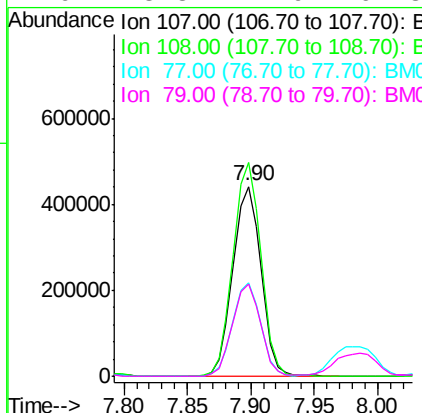
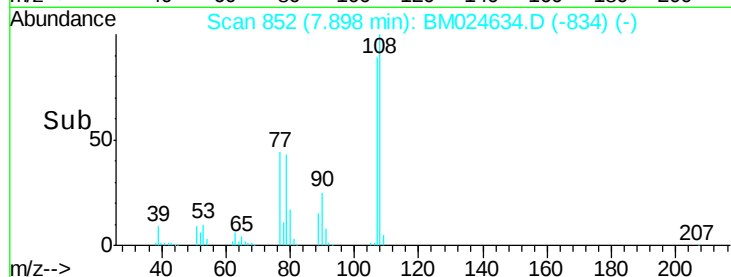
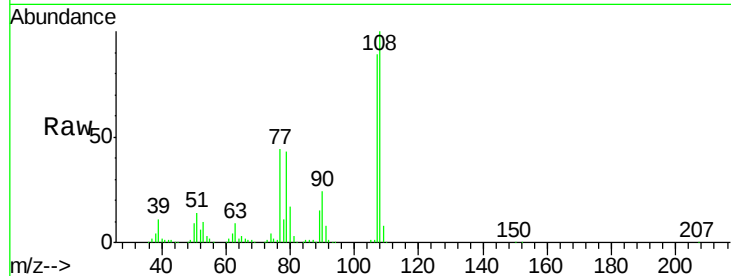
#17
2-Methylphenol
Concen: 41.136 ng
RT: 7.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	678300
Ion Ratio	Lower	Upper	
107	100		
108	112.6	88.9	133.3
77	49.1	44.5	66.7
79	48.8	42.9	64.3

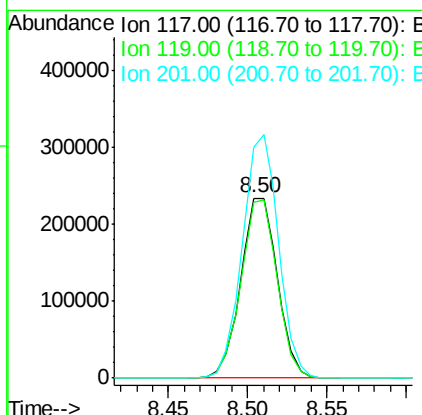
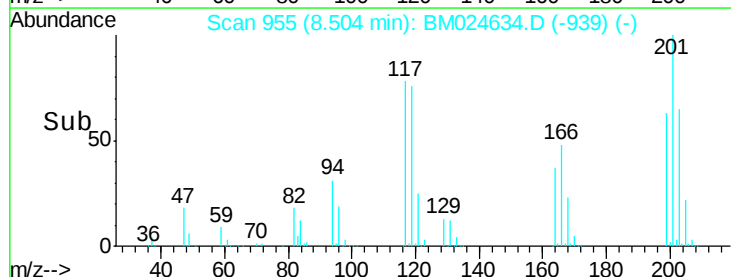
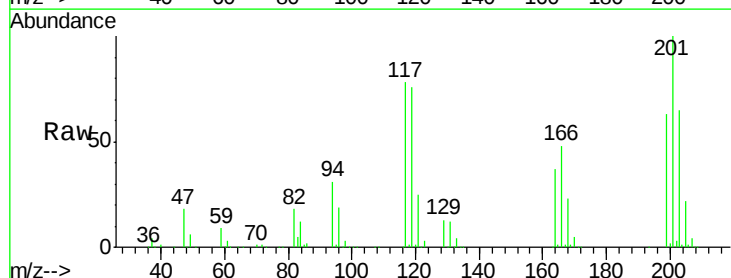
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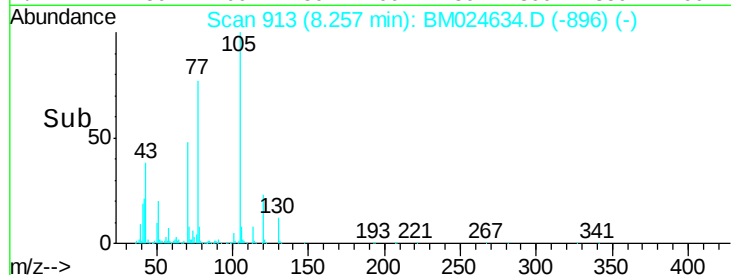
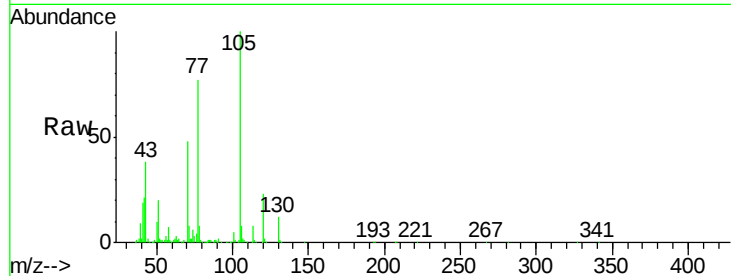
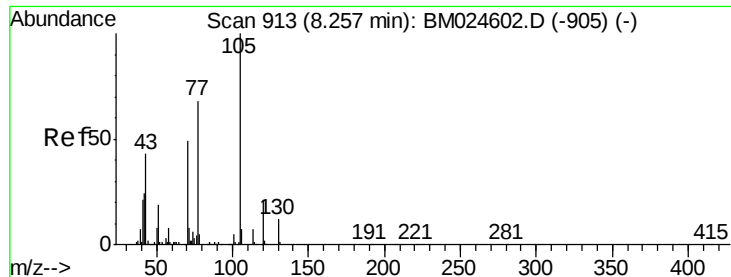
mohammad
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#18
Hexachloroethane
Concen: 40.288 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	117	Resp	376106
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.4	113.2
201	128.3	95.8	143.6





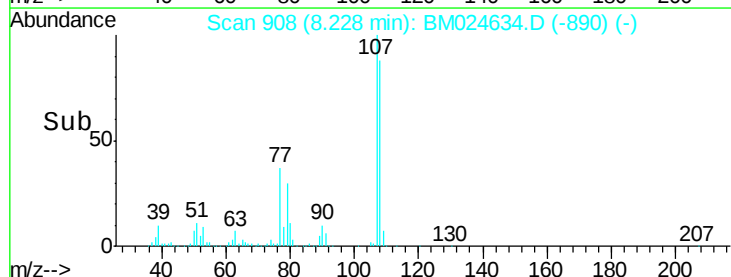
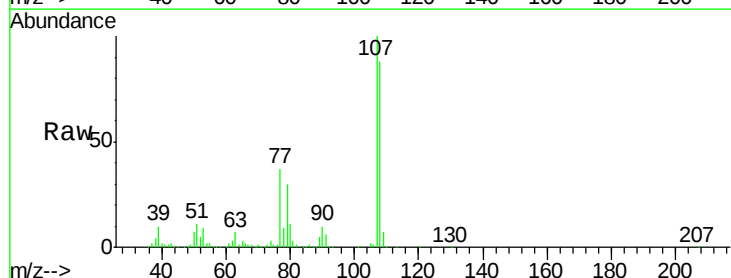
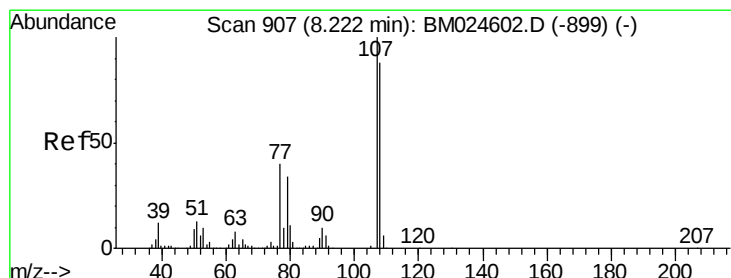
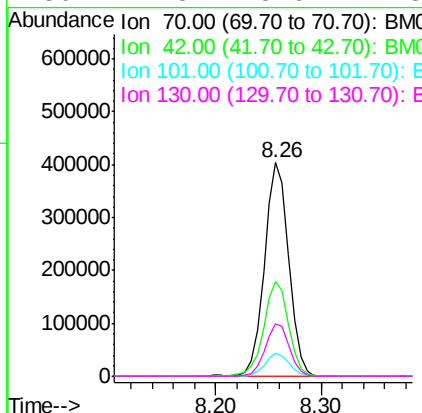
#19
n-Nitroso-di-n-propylamine
Concen: 36.375 ng
RT: 8.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	44.3	40.0	60.0	
101	10.8	8.2	12.2	
130	24.8	18.6	27.8	

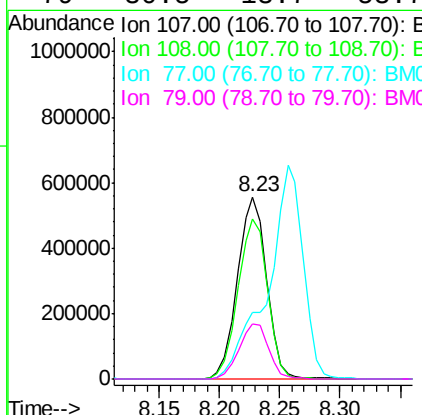
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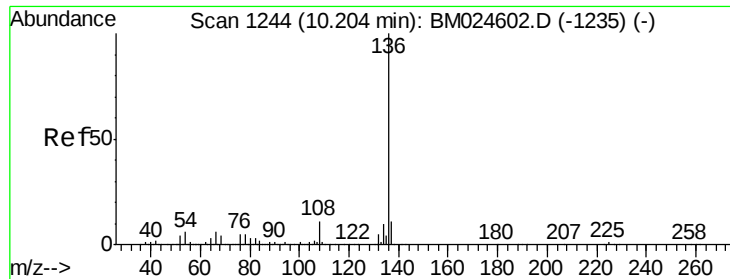
mohammad
1/30/2020 8:03:02 AM



#20
3+4-Methylphenols
Concen: 41.277 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	68.0	108.0	
77	36.7	19.9	59.9	
79	30.5	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1251955

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

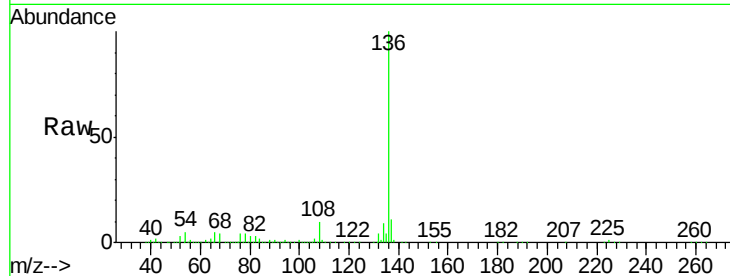
54 4.6 4.5 6.7

68 4.0 3.4 5.0

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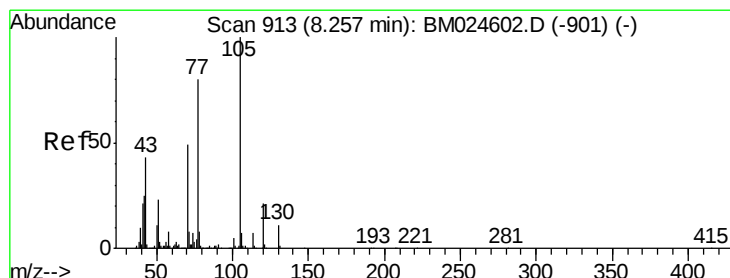
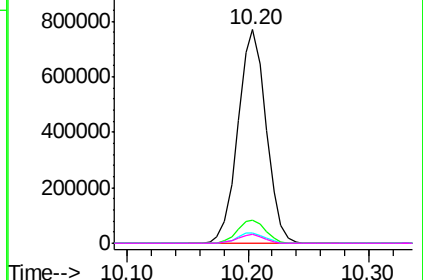
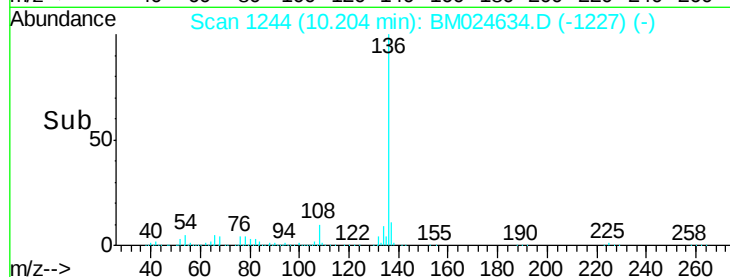


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 41.458 ng

RT: 8.26 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:105 Resp: 1338337

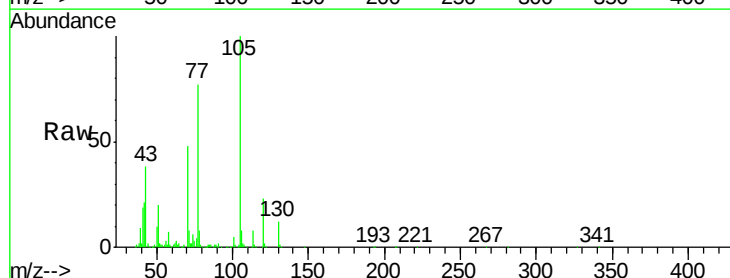
Ion Ratio Lower Upper

105 100

71 8.3 6.7 10.1

51 20.5 18.5 27.7

120 22.5 16.6 25.0

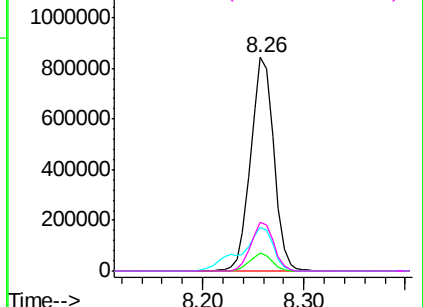
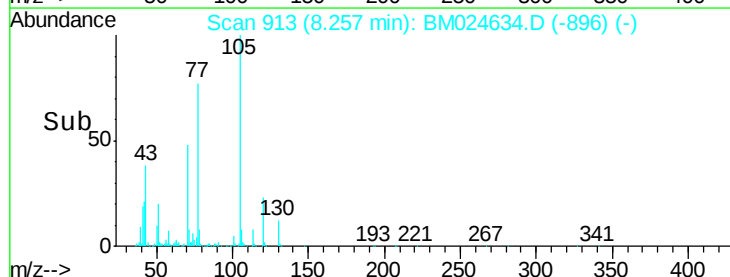


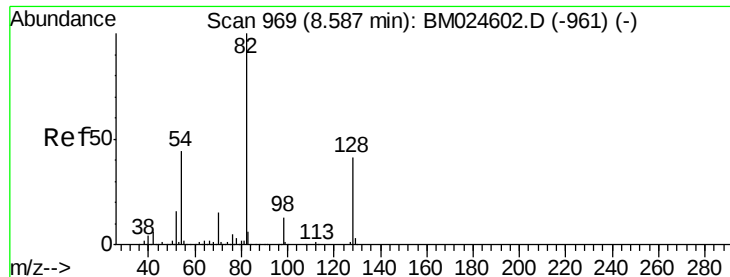
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.754 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2010459

Ion Ratio Lower Upper

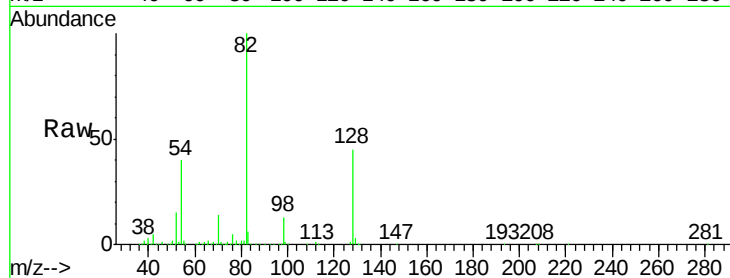
82 100

128 44.7 32.6 48.8

54 40.4 34.8 52.2

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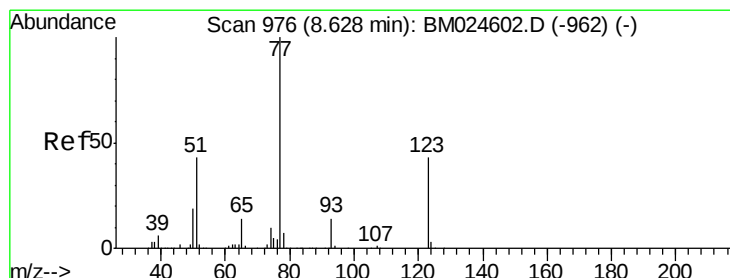
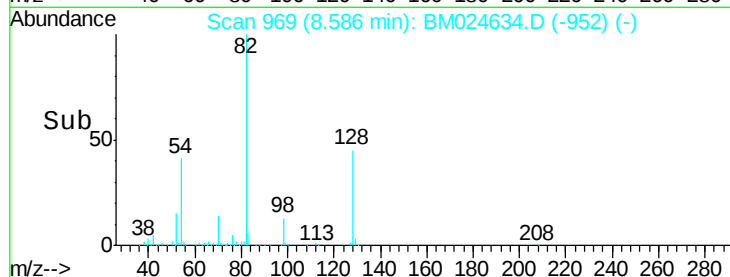
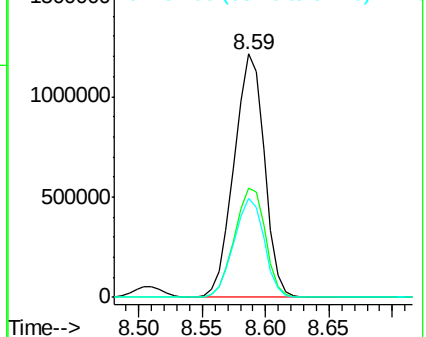
mohammad
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Abundance Ion 82.00 (81.70 to 82.70): BM024634.D (-952) (-)

Ion 128.00 (127.70 to 128.70): BM024634.D (-952) (-)

Ion 54.00 (53.70 to 54.70): BM024634.D (-952) (-)



#24

Nitrobenzene

Concen: 38.998 ng

RT: 8.63 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

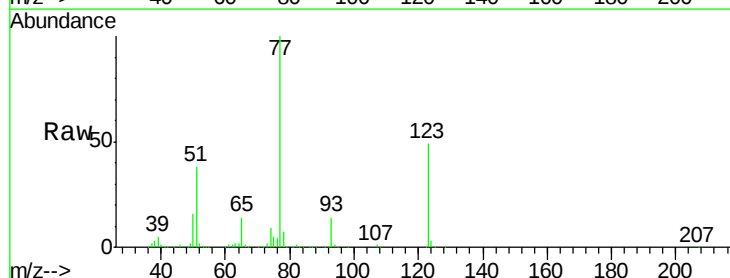
Tgt Ion: 77 Resp: 954039

Ion Ratio Lower Upper

77 100

123 48.6 34.6 52.0

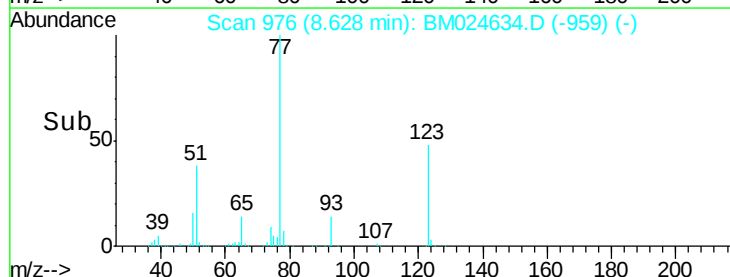
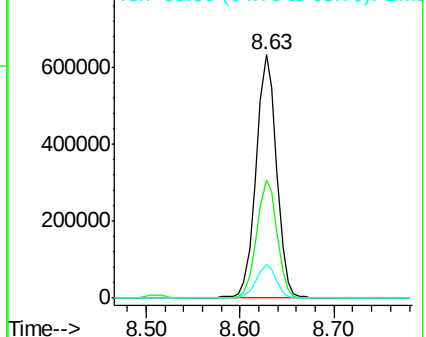
65 13.9 11.0 16.4

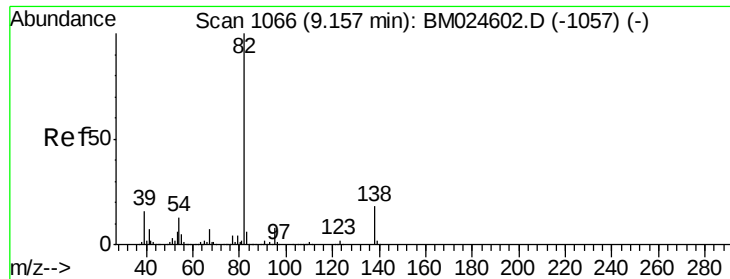


Abundance Ion 77.00 (76.70 to 77.70): BM024634.D (-959) (-)

Ion 123.00 (122.70 to 123.70): BM024634.D (-959) (-)

Ion 65.00 (64.70 to 65.70): BM024634.D (-959) (-)





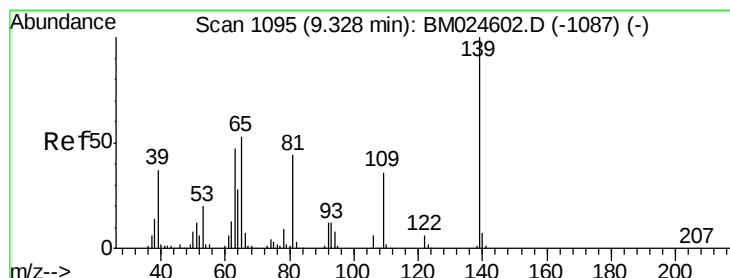
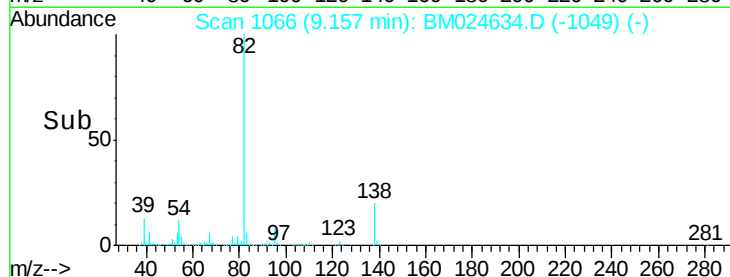
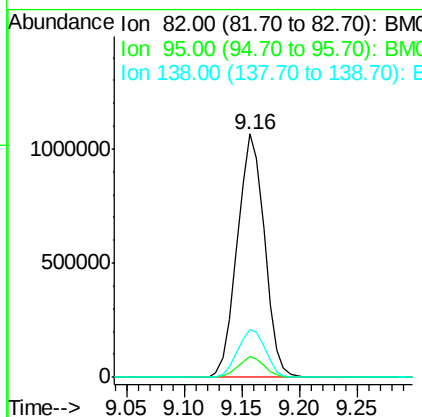
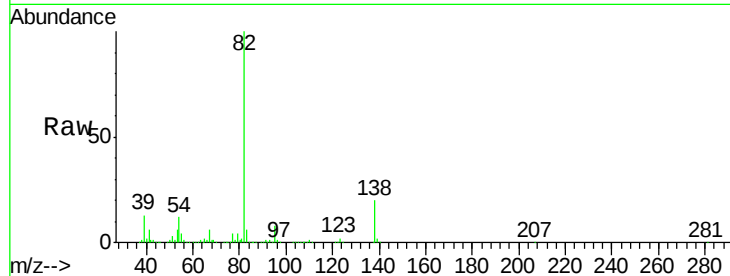
#25
Isophorone
Concen: 40.203 ng
RT: 9.16 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	82	Resp	1743879
Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.7	10.1
138	19.7	14.7	22.1

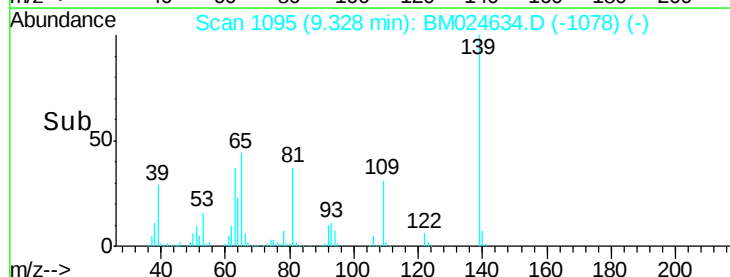
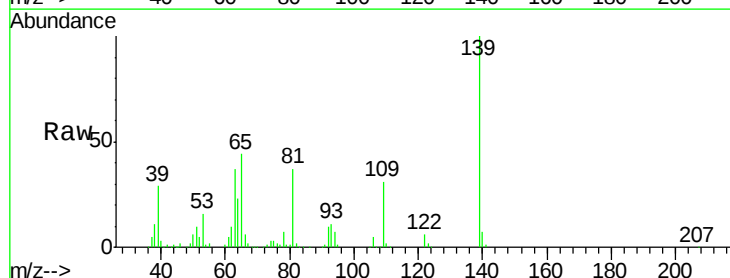
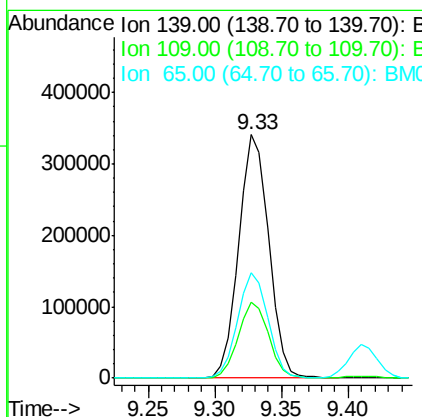
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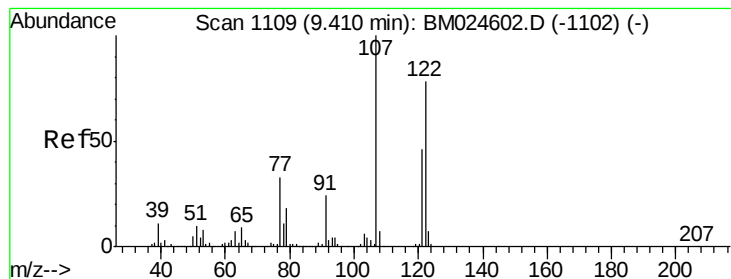
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#26
2-Nitrophenol
Concen: 46.866 ng
RT: 9.33 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	139	Resp	530893
Ion	Ratio	Lower	Upper
139	100		
109	31.0	28.8	43.2
65	43.5	42.6	63.8





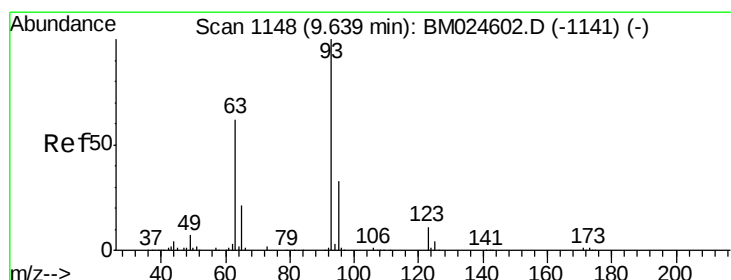
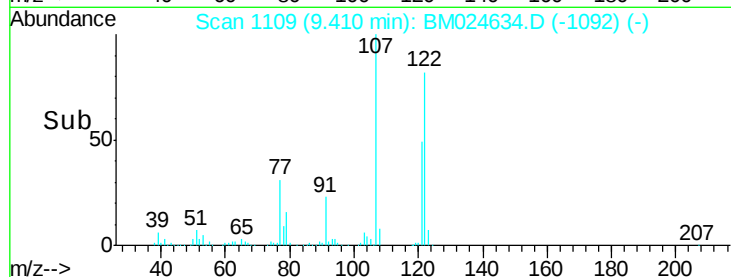
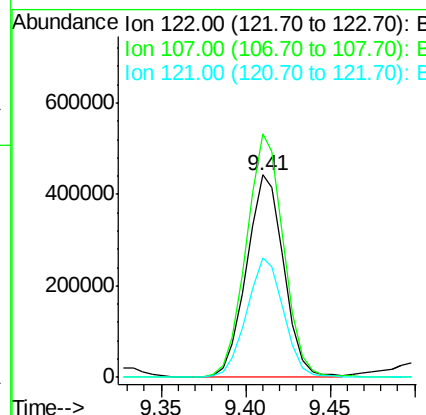
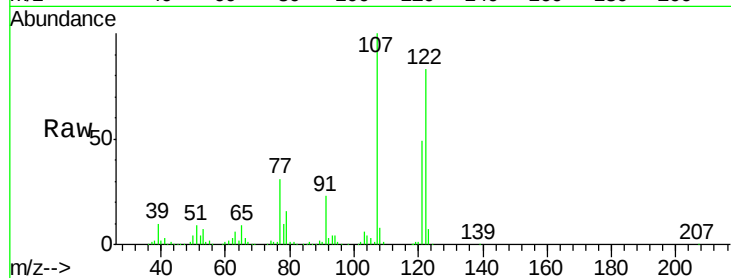
#27
 2,4-Dimethylphenol
 Concen: 44.205 ng
 RT: 9.41 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	120.4	102.5	153.7		
121	58.9	47.0	70.4		

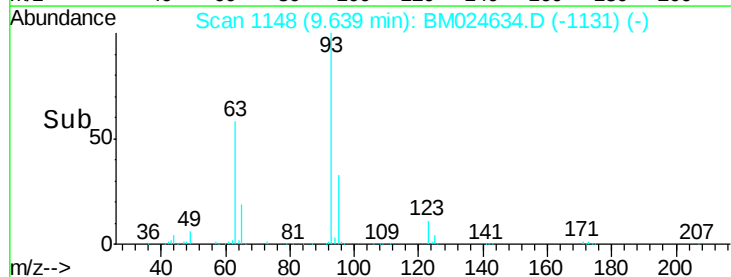
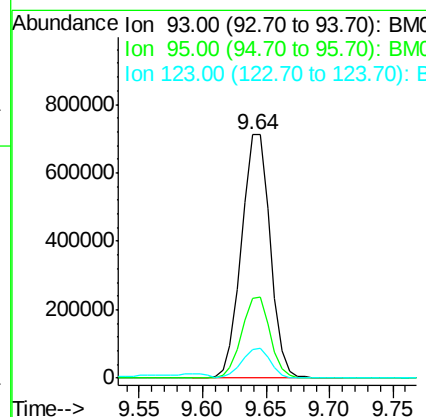
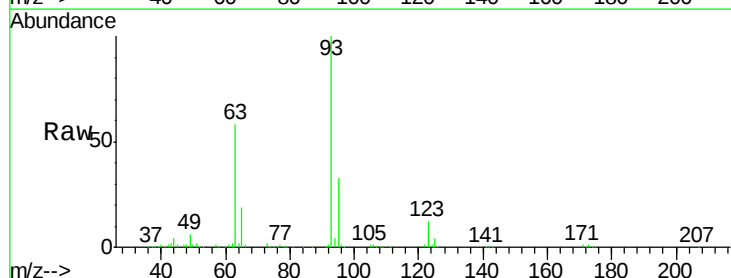
Manual Integrations
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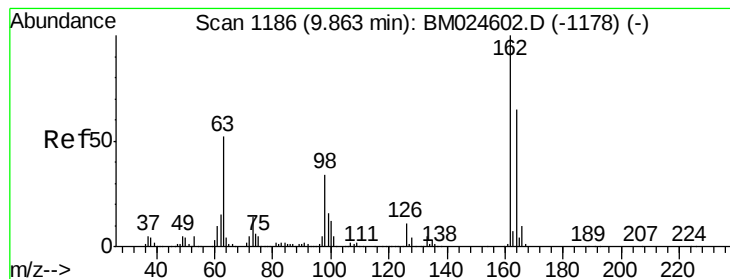
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.902 ng
 RT: 9.64 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.8	26.1	39.1		
123	12.0	8.7	13.1		





#29

2,4-Dichlorophenol

Concen: 47.322 ng

RT: 9.86 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

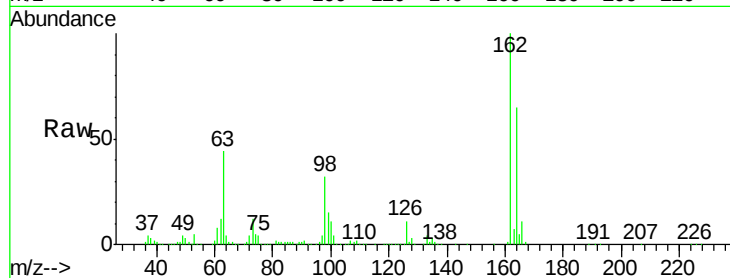
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	984154		
164	64.7	44.5	84.5	
98	31.6	14.2	54.2	

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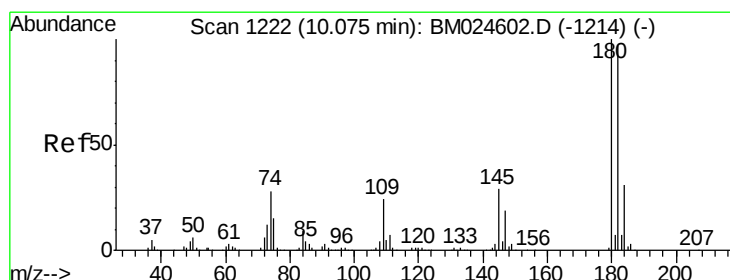
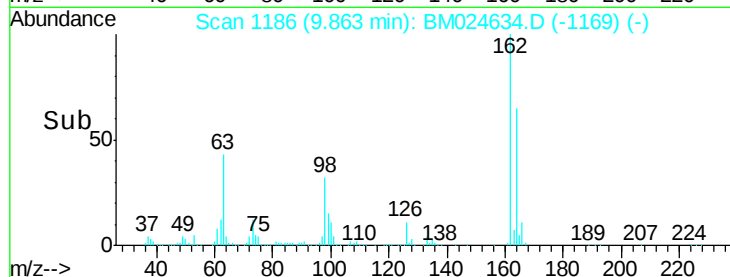
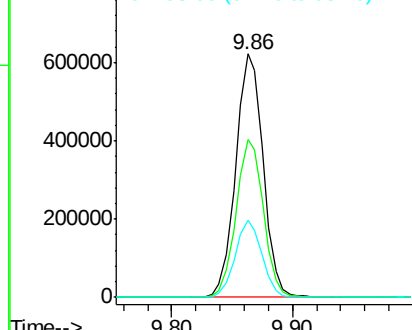


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 47.617 ng

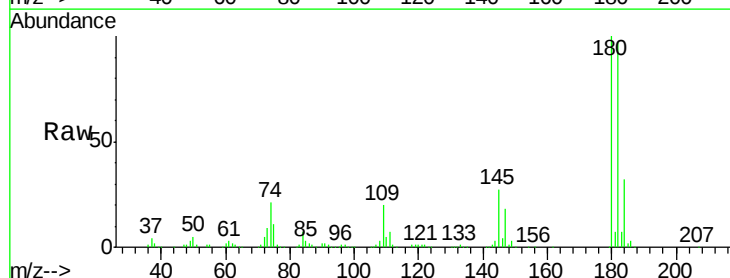
RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1194354		
182	96.7	77.8	116.6	
145	27.2	22.9	34.3	

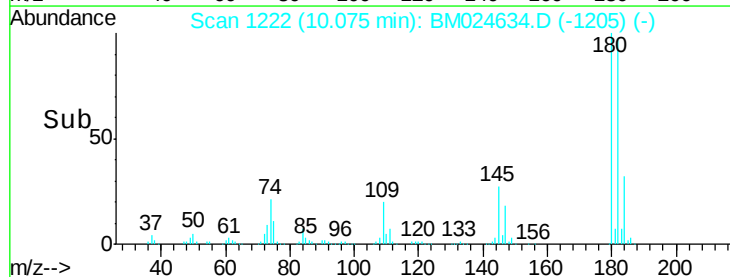
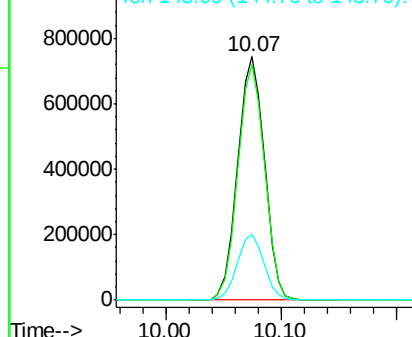


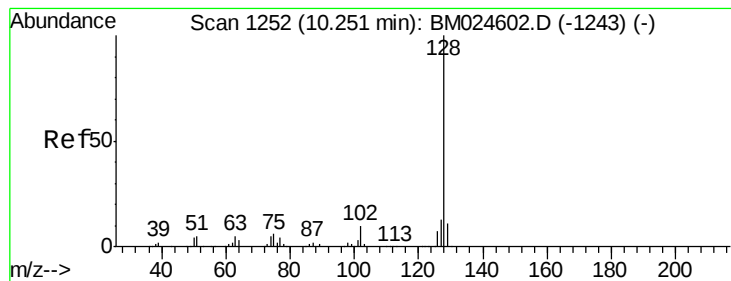
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.991 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2781679

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

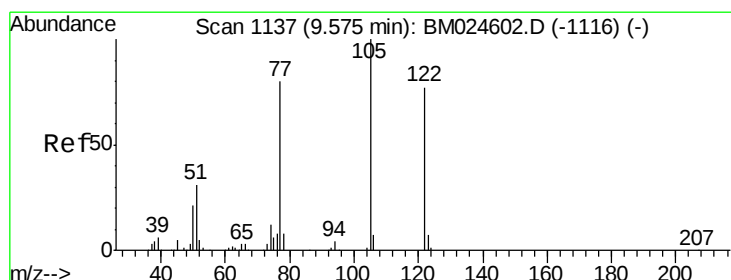
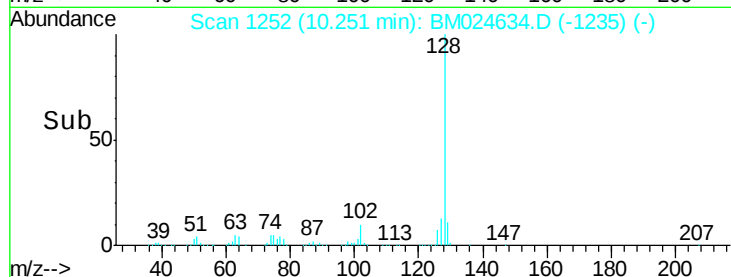
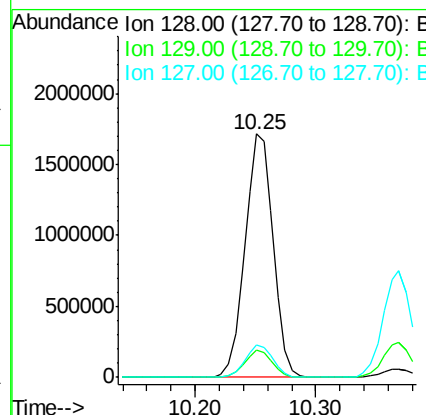
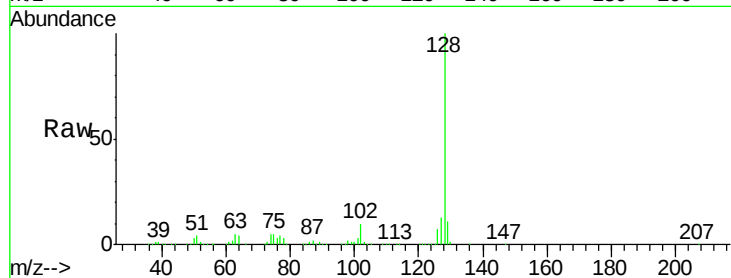
127 13.5 10.6 15.8

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#32

Benzoic acid

Concen: 41.369 ng

RT: 9.60 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

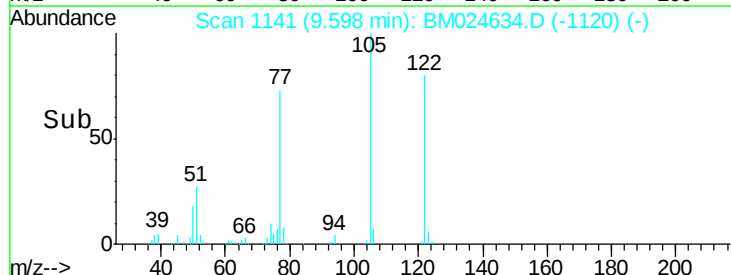
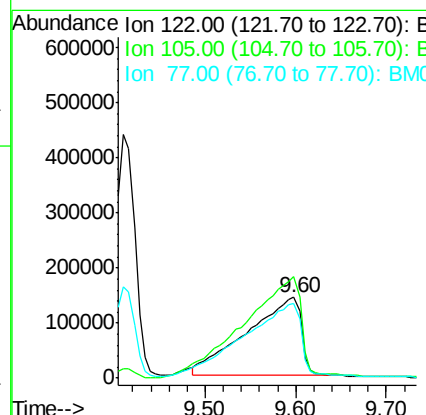
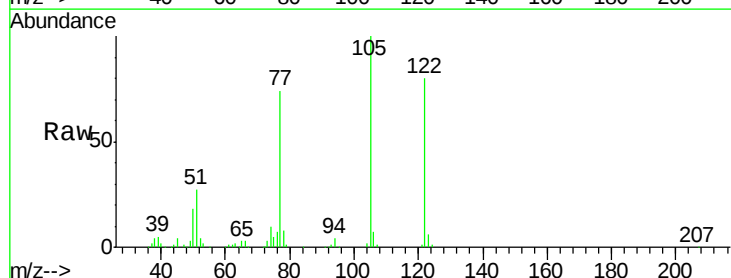
Tgt Ion:122 Resp: 582532

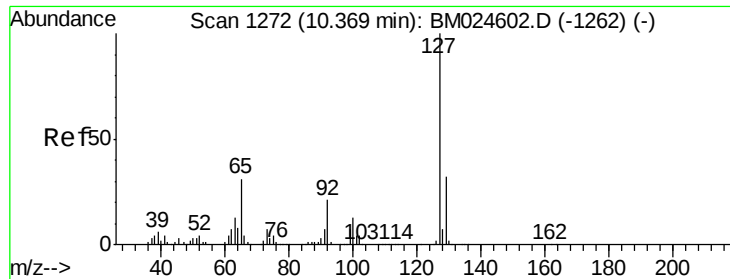
Ion Ratio Lower Upper

122 100

105 125.5 107.7 147.7

77 92.5 83.8 123.8





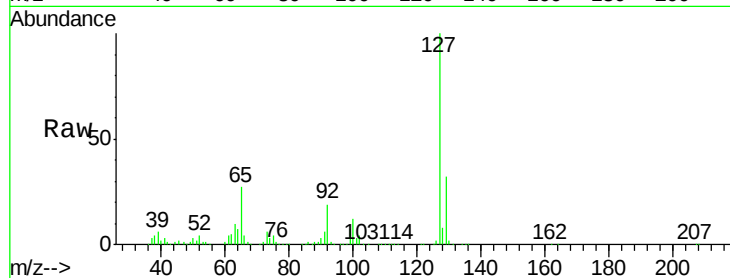
#33
4-Chloroaniline
Concen: 44.955 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

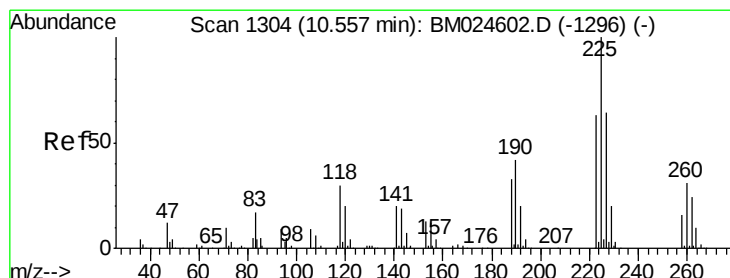
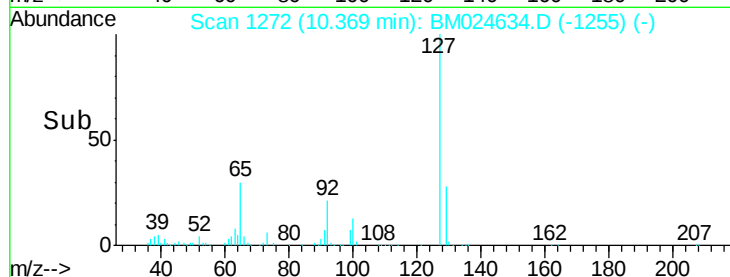
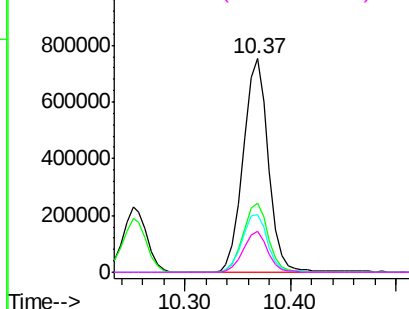
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.2	25.1	37.7
92	19.1	16.6	25.0

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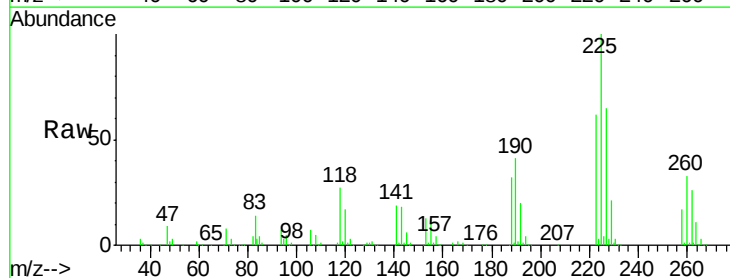


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

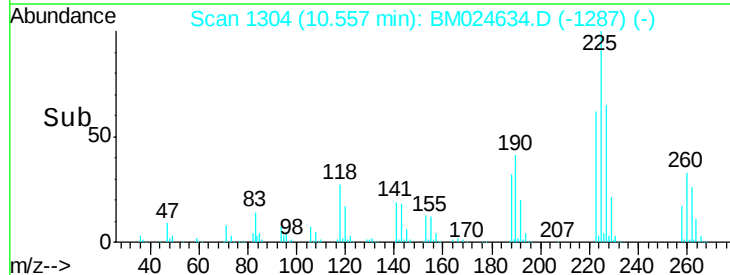
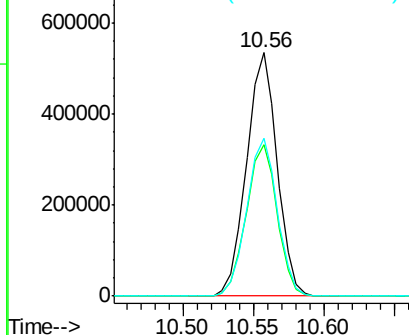


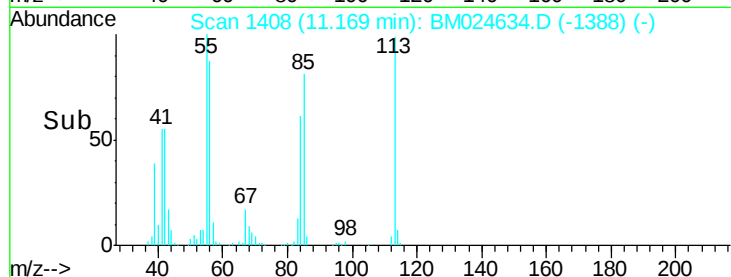
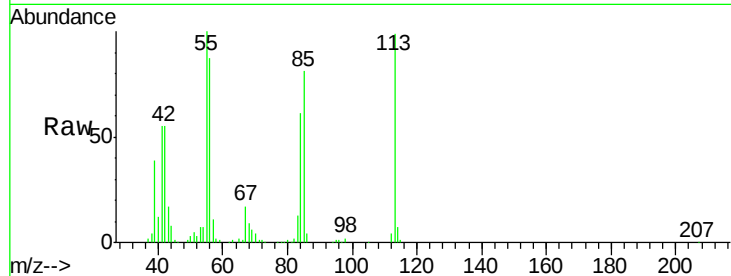
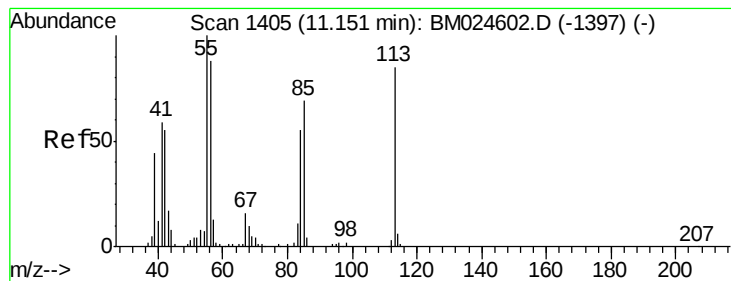
#34
Hexachlorobutadiene
Concen: 46.931 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	65.0	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: 44.318 ng/mL

RT: 11.17 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

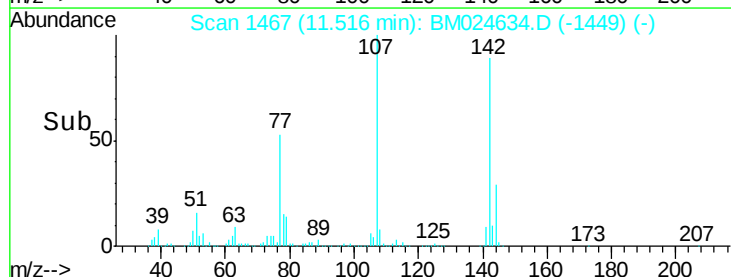
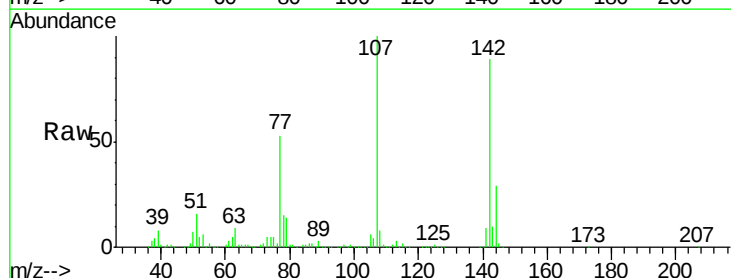
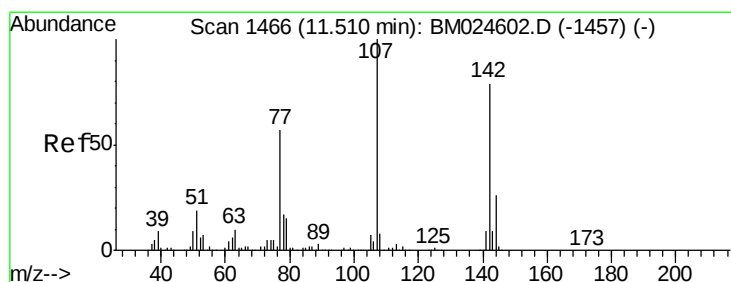
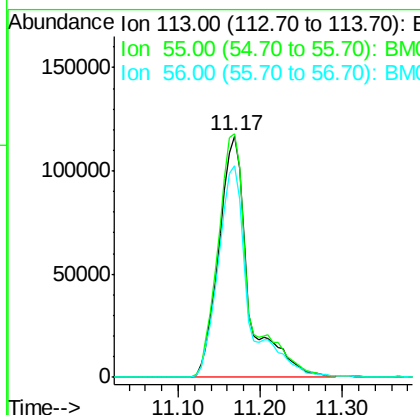
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	295700
Ion Ratio	Lower	Upper	
113	100		
55	101.0	97.5	137.5
56	87.9	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 42.736 ng/mL

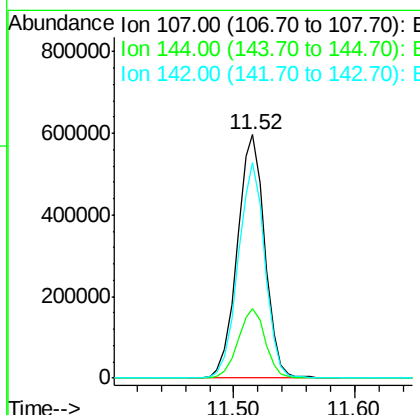
RT: 11.52 min Scan# 1467

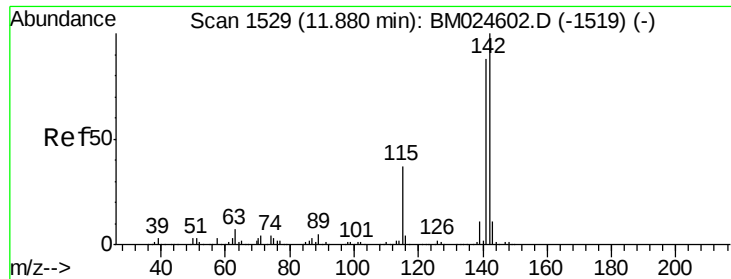
Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:	107	Resp:	945073
Ion Ratio	Lower	Upper	
107	100		
144	28.8	20.5	30.7
142	88.7	62.8	94.2





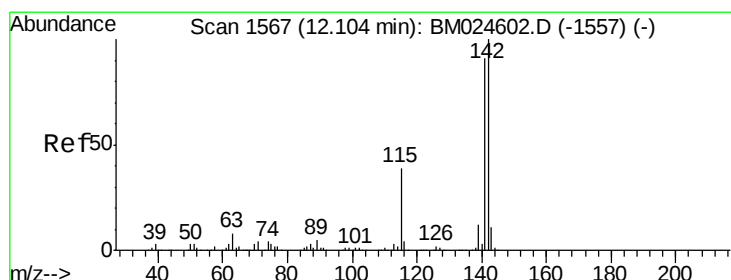
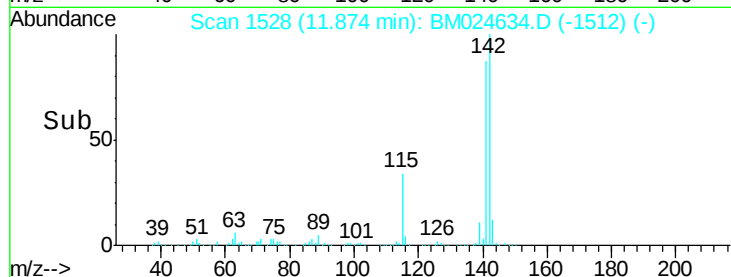
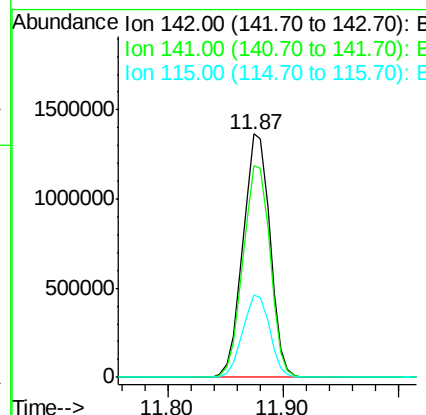
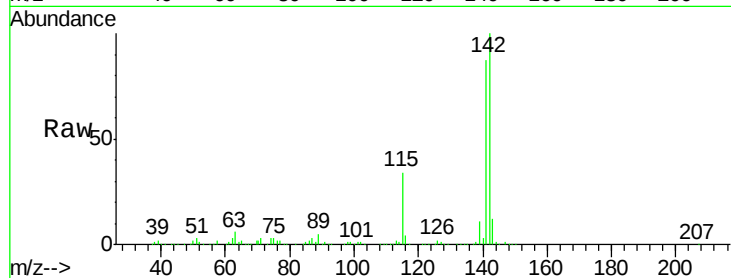
#37
2-Methylnaphthalene
Concen: 45.558 ng
RT: 11.87 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 2223153
Ion Ratio Lower Upper
142 100
141 87.0 70.2 105.2
115 33.6 29.7 44.5

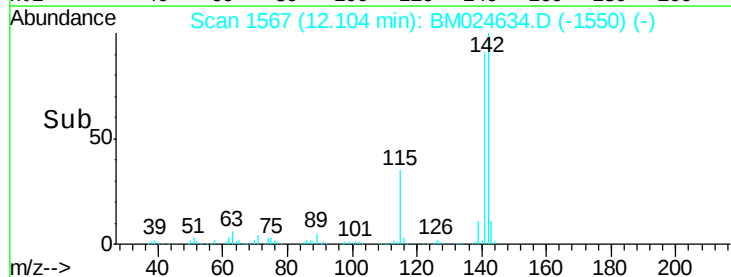
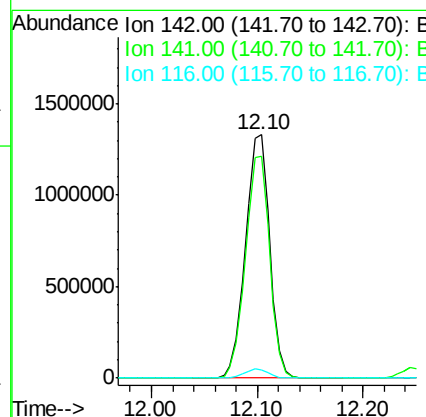
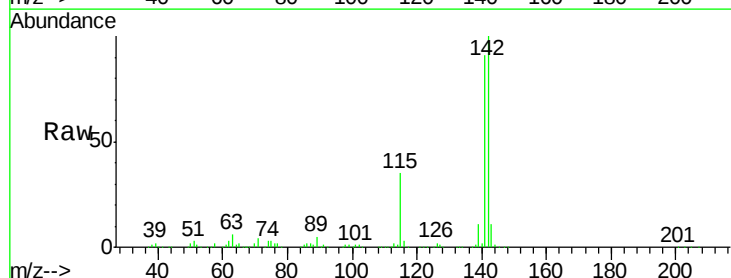
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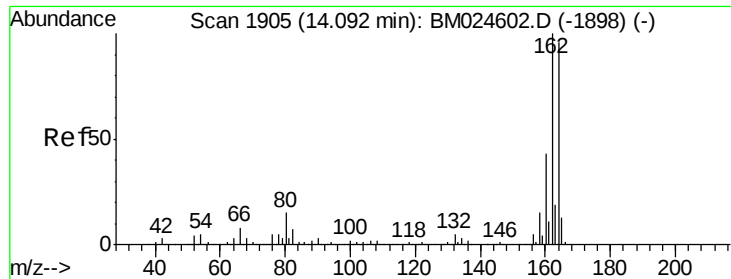
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#38
1-Methylnaphthalene
Concen: 45.206 ng
RT: 12.10 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:142 Resp: 2098380
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
116 3.4 3.2 4.8





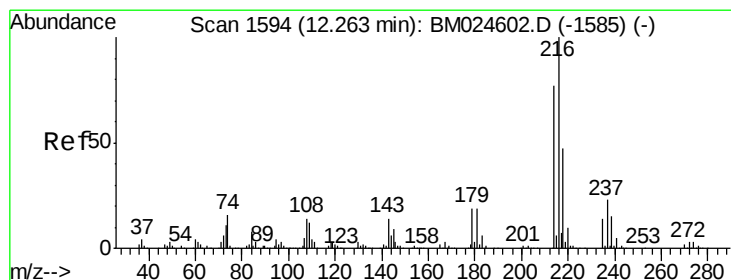
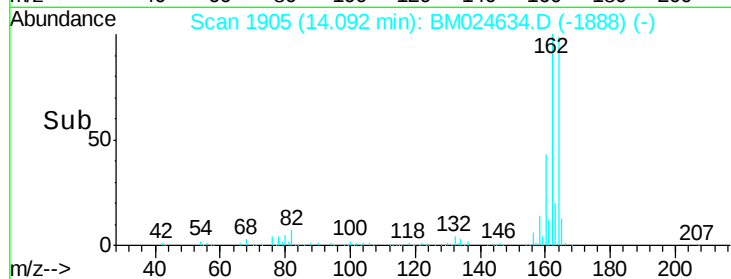
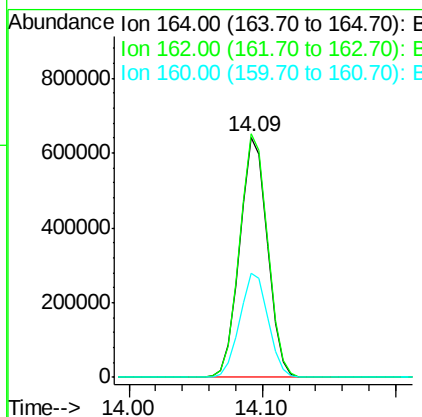
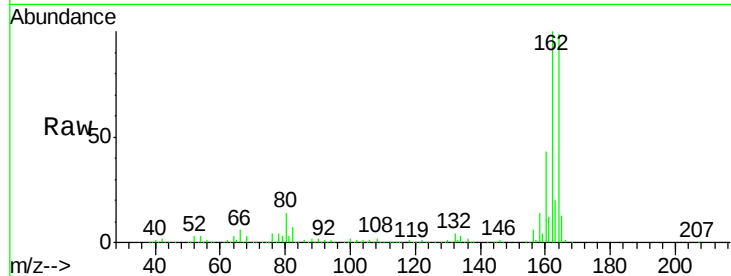
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	82.9	124.3	
160	43.6	35.5	53.3	

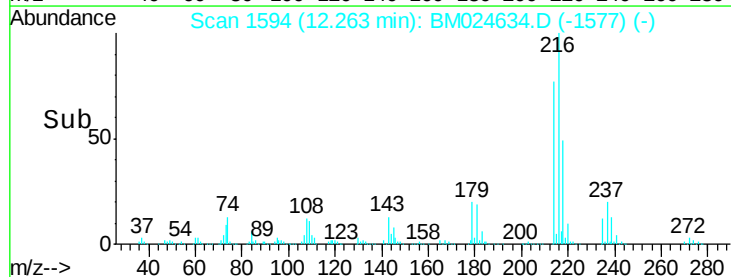
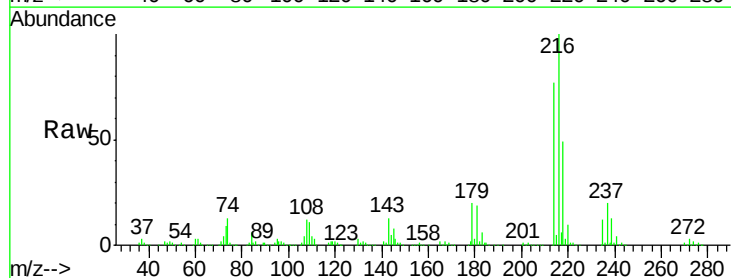
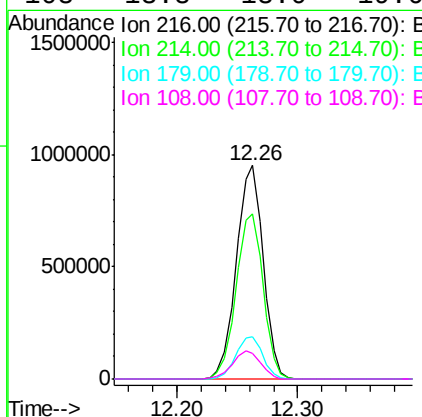
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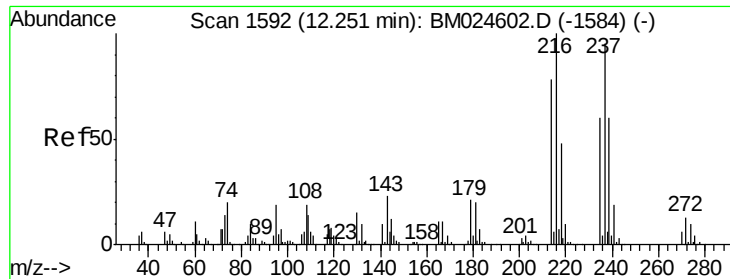
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.839 ng
RT: 12.26 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.1	62.3	93.5	
179	19.8	16.1	24.1	
108	13.8	13.0	19.6	





#41

Hexachlorocyclopentadiene

Concen: 45.822 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

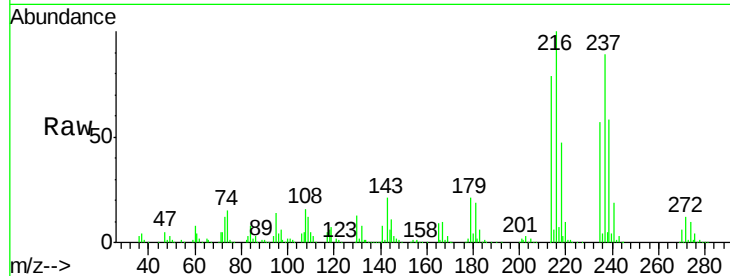
ClientSampleId :

SSTDCCC040

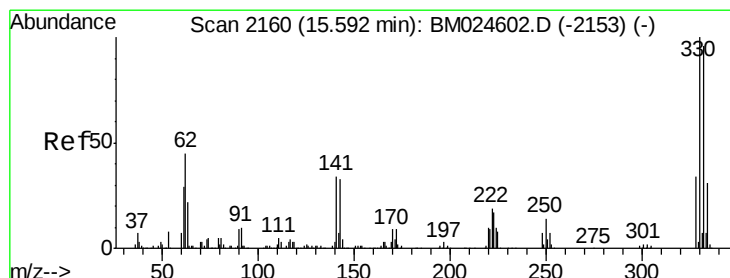
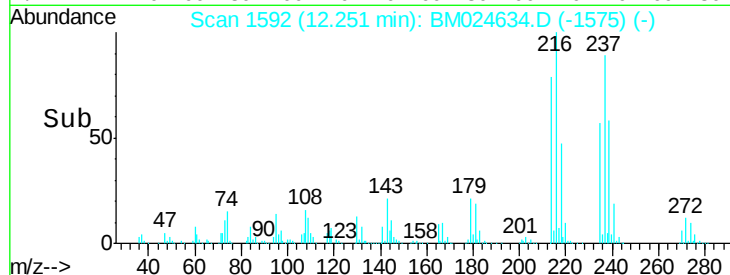
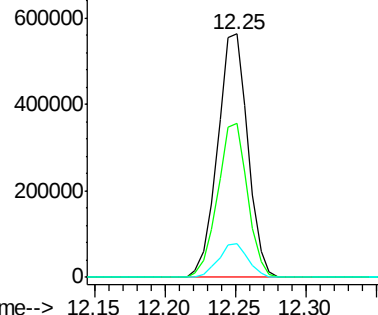
Tot Ion:	237	Resp:	845333
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.3	83.3
272	13.8	0.0	33.4

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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: 95.331 ng

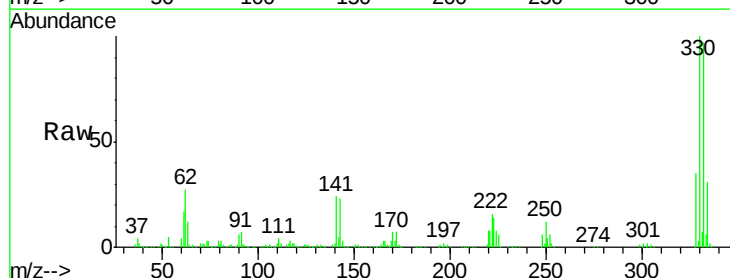
RT: 15.60 min Scan# 2161

Delta R.T. 0.01 min

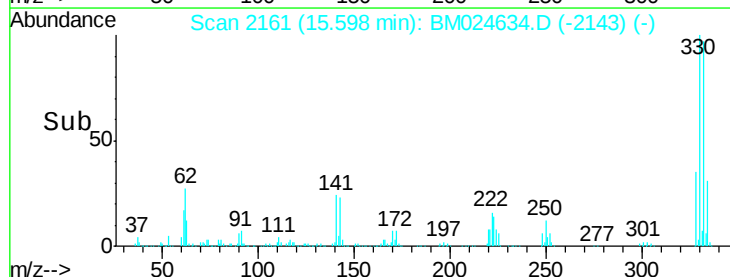
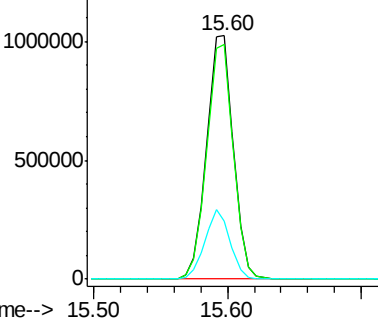
Lab File: BM024634.D

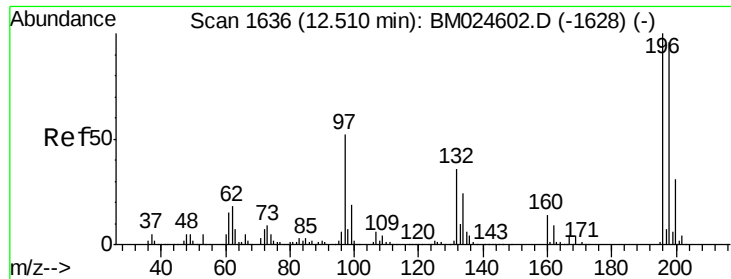
Acq: 28 Jan 2020 10:32

Tgt Ion:	330	Resp:	1430019
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	27.1	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





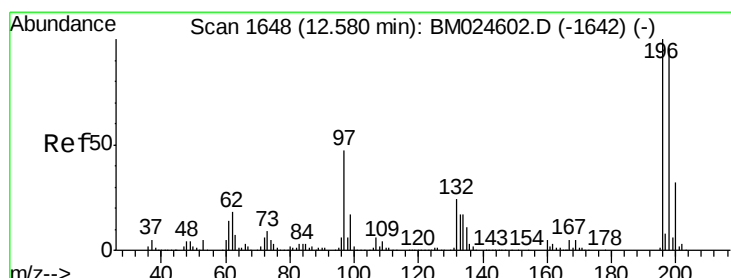
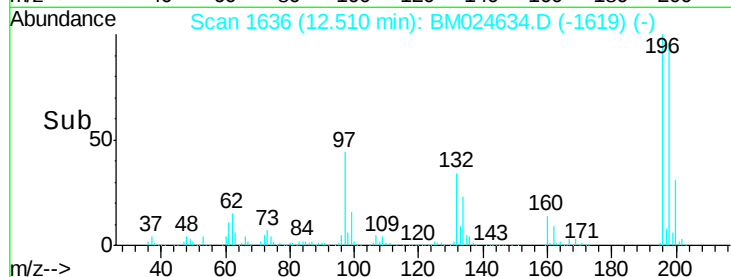
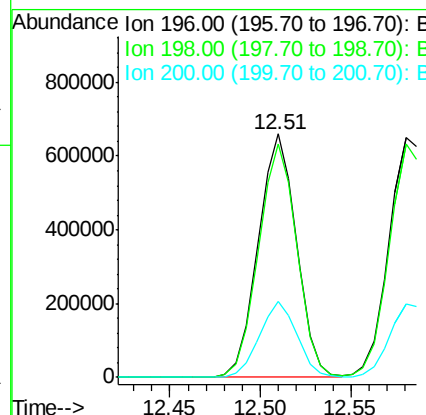
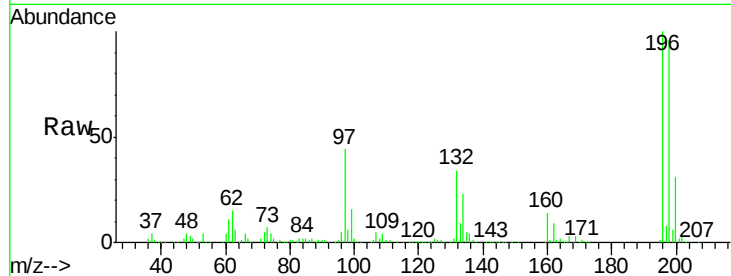
#43
 2,4,6-Trichlorophenol
 Concen: 46.035 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.5	114.7
200	31.0	25.0	37.6

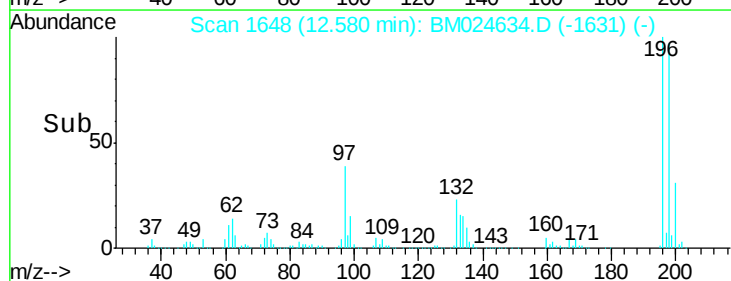
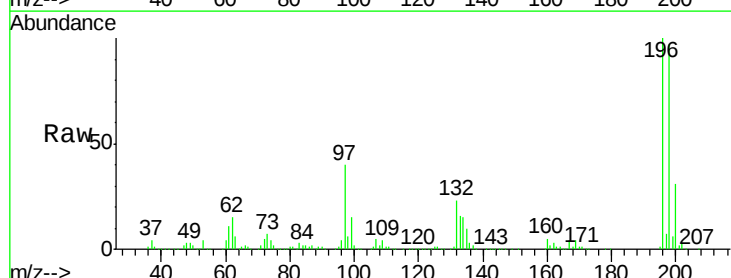
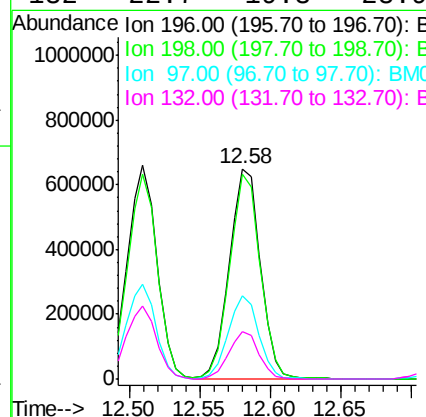
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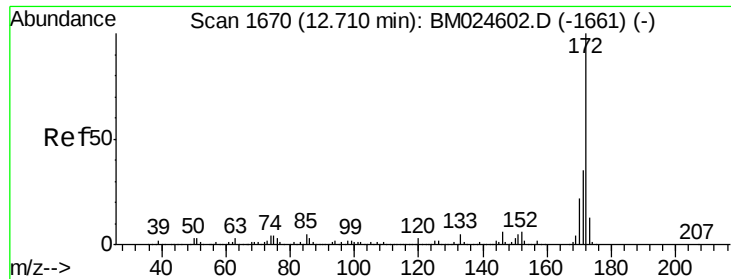
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.148 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.2	115.8
97	39.6	37.4	56.0
132	22.7	19.3	28.9





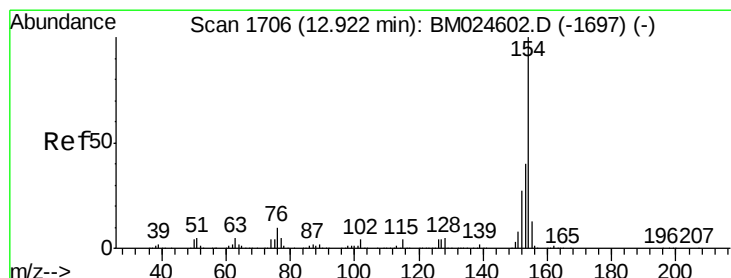
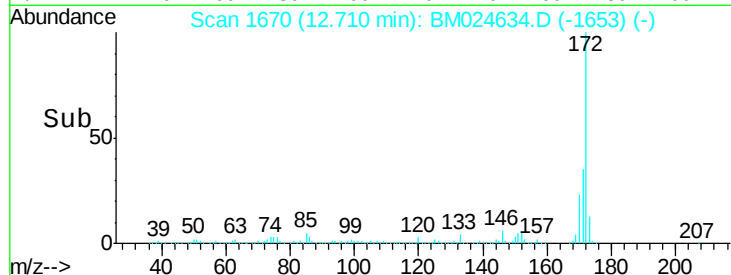
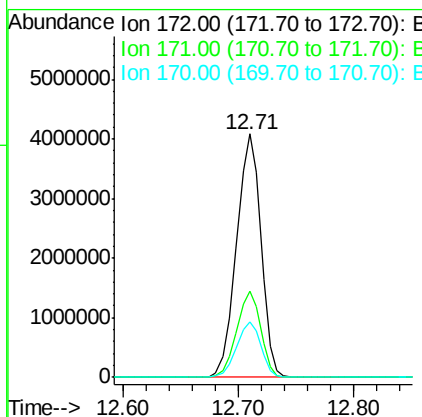
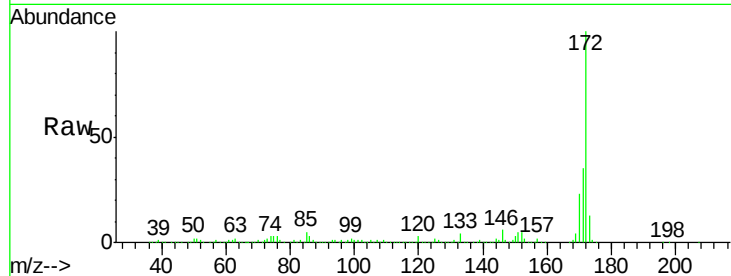
#45
2-Fluorobiphenyl
Concen: 87.977 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.9	17.9	26.9

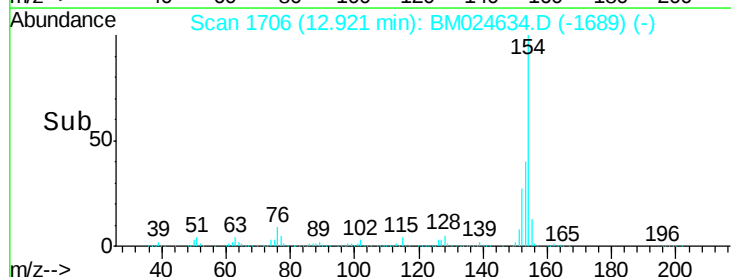
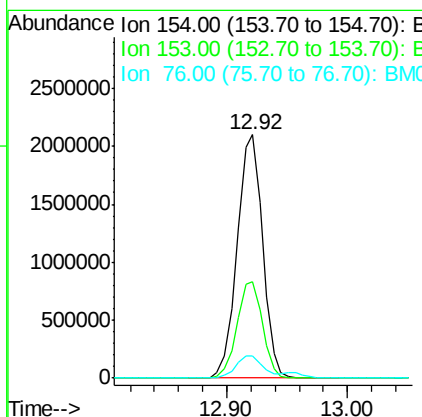
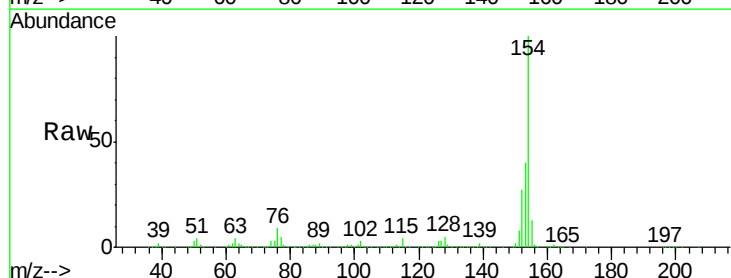
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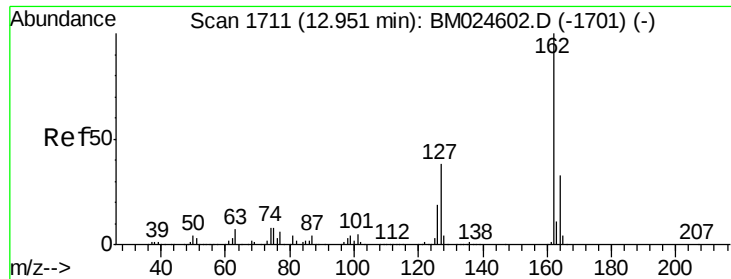
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#46
1,1'-Biphenyl
Concen: 44.209 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.1	0.0	30.5





#47

2-Chloronaphthalene

Concen: 44.381 ng

RT: 12.95 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

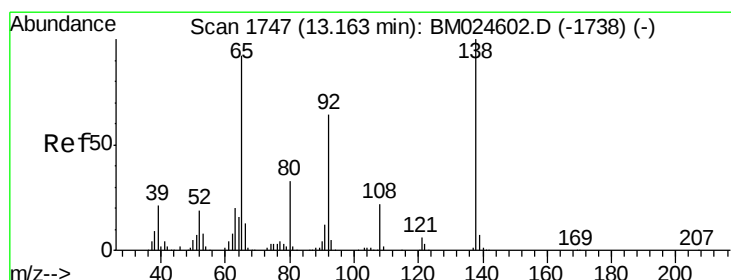
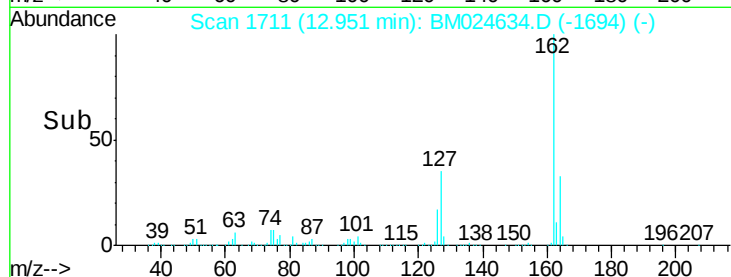
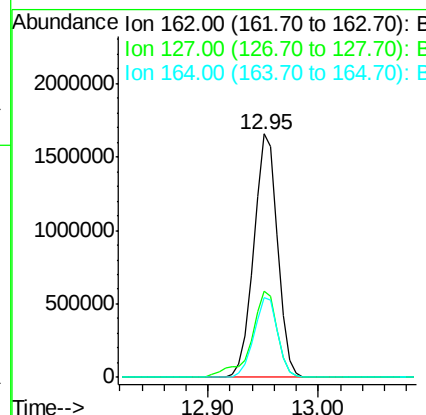
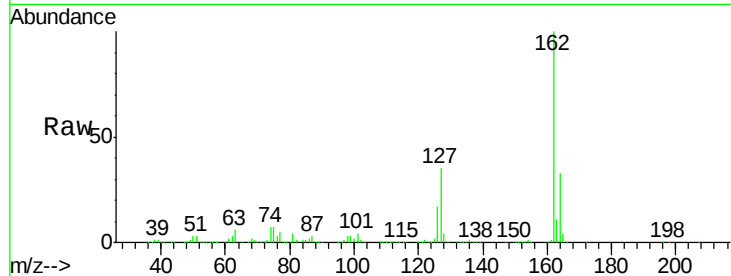
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	2500441
Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.4	45.6
164	33.0	26.5	39.7

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#48

2-Nitroaniline

Concen: 37.084 ng

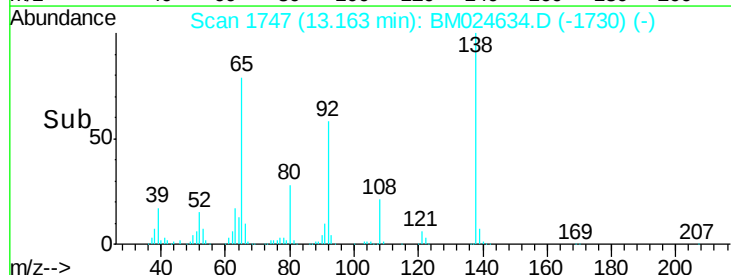
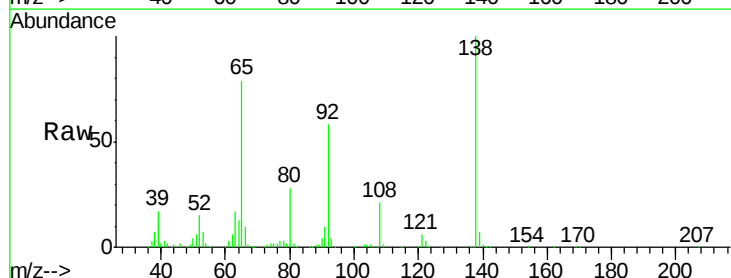
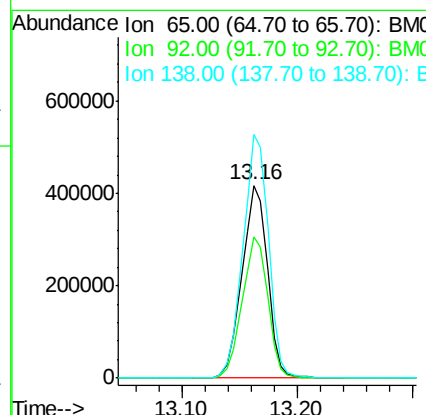
RT: 13.16 min Scan# 1747

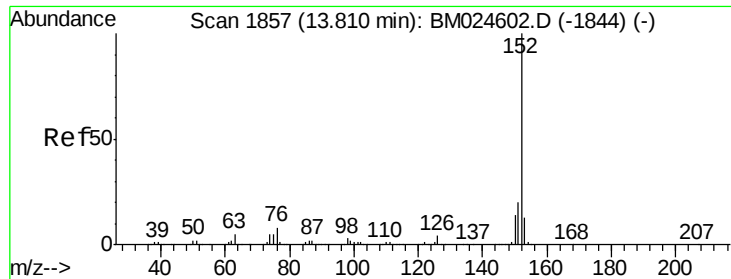
Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Tgt Ion:	65	Resp:	637235
Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.4	83.2
138	126.3	86.6	129.8





#49

Acenaphthylene

Concen: 44.114 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 3720658

Ion Ratio Lower Upper

152 100

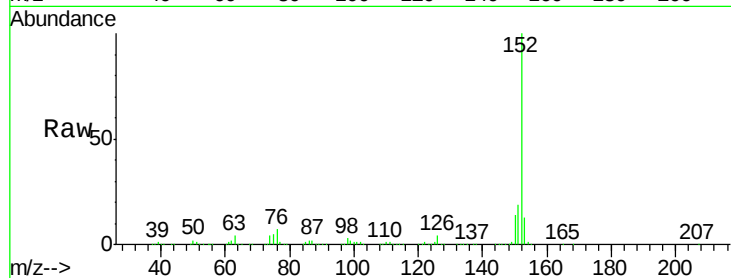
151 19.4 15.8 23.6

153 13.0 10.4 15.6

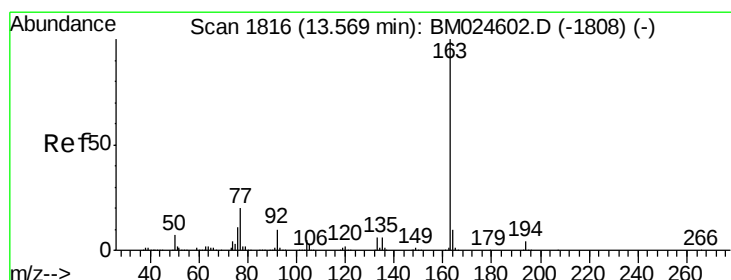
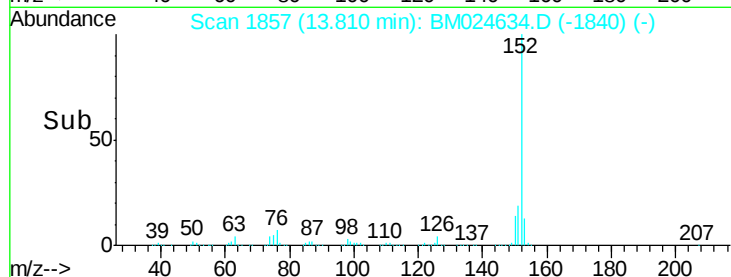
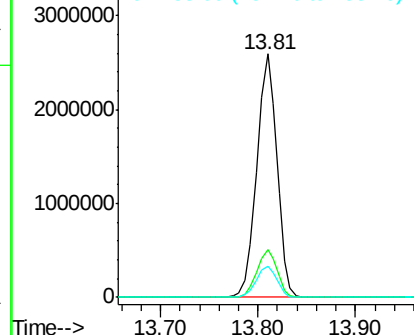
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.677 ng

RT: 13.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

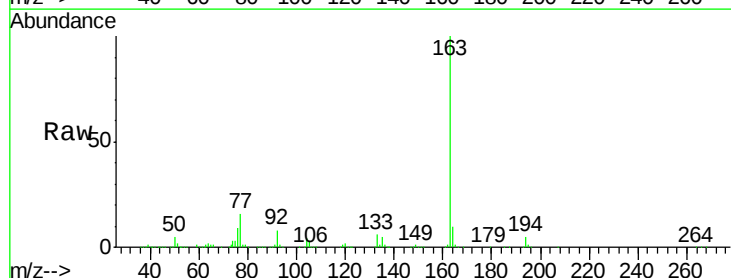
Tgt Ion:163 Resp: 3256975

Ion Ratio Lower Upper

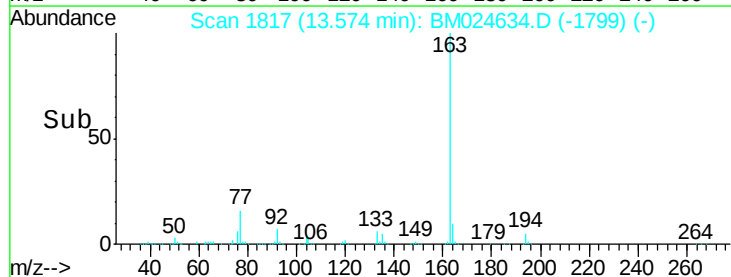
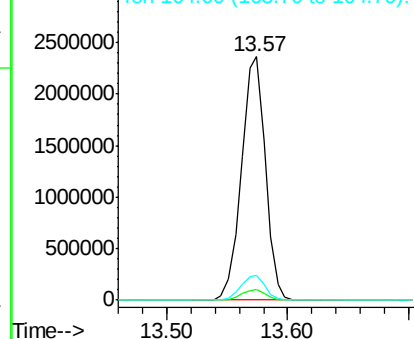
163 100

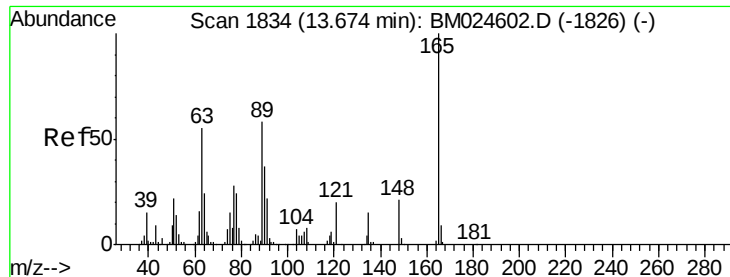
194 4.5 3.4 5.0

164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.987 ng

RT: 13.67 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 713226
Ion Ratio Lower Upper

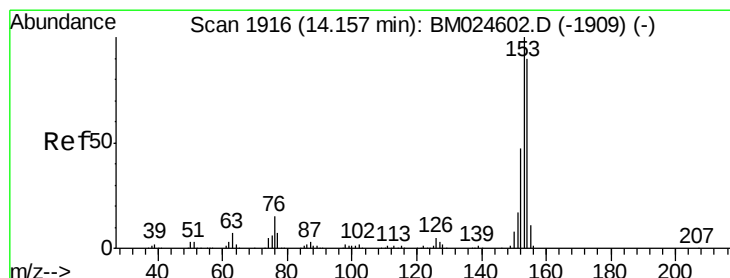
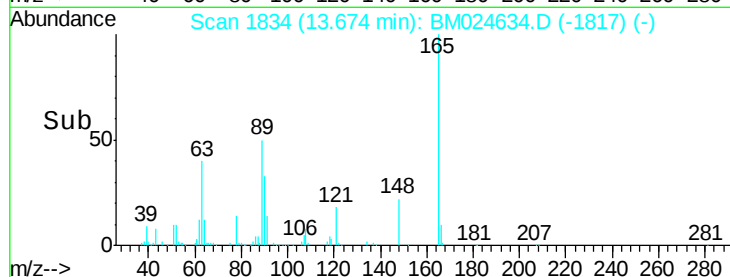
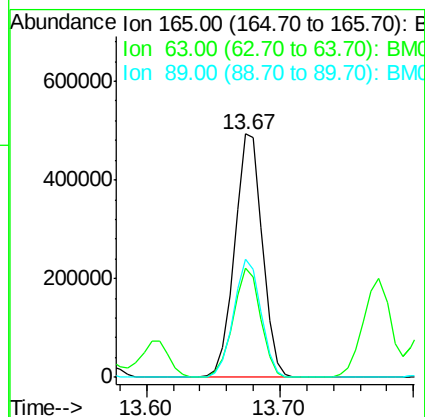
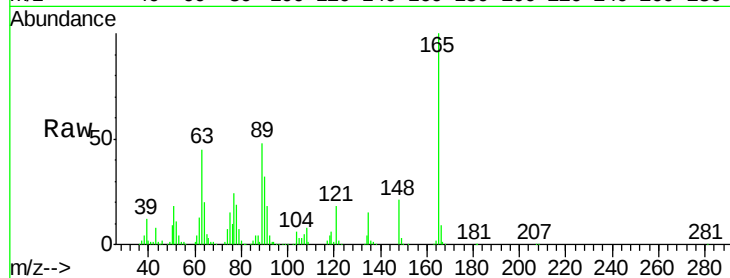
165 100

63 44.7 45.4 68.0#

89 48.3 46.6 69.8

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#52

Acenaphthene

Concen: 43.882 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BM024634.D

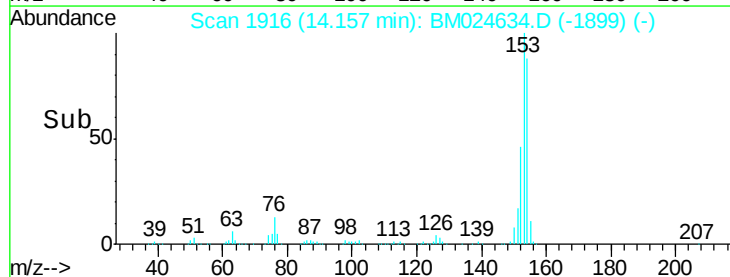
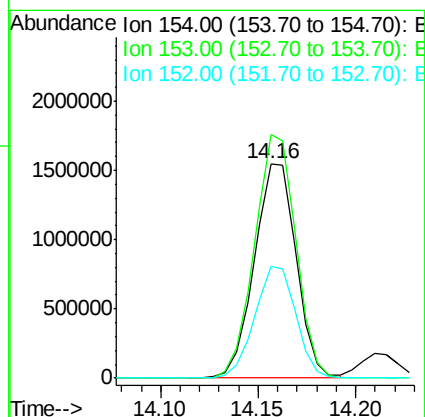
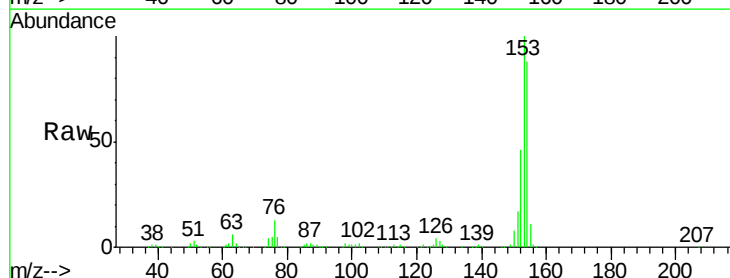
Acq: 28 Jan 2020 10:32

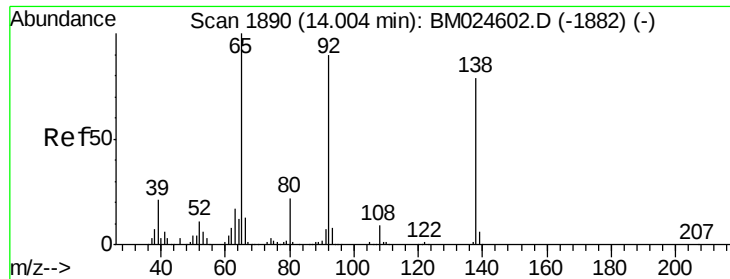
Tgt Ion:154 Resp: 2296617
Ion Ratio Lower Upper

154 100

153 113.4 89.1 133.7

152 51.9 41.9 62.9





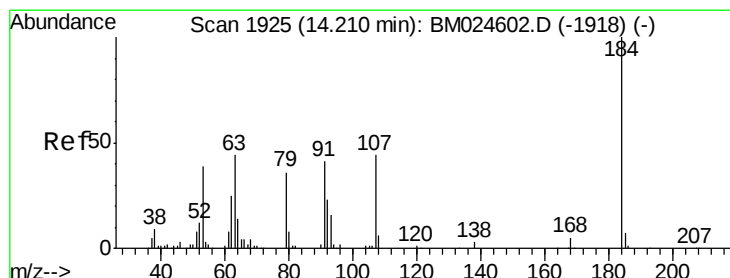
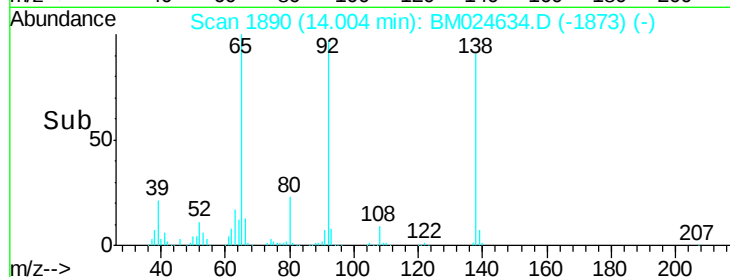
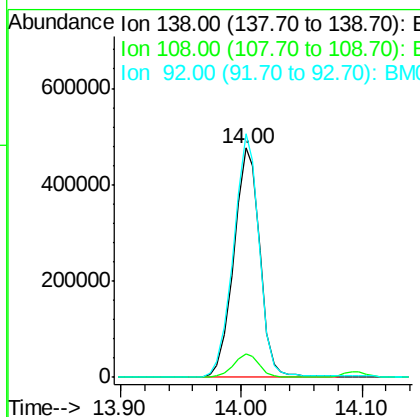
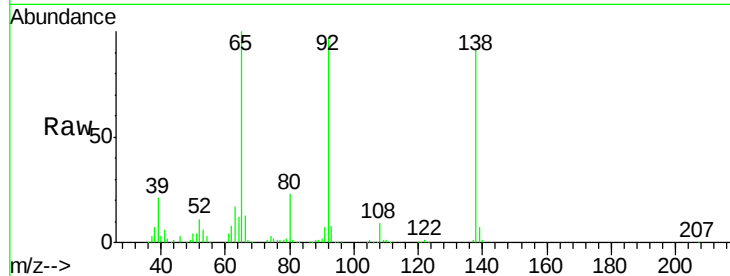
#53
3-Nitroaniline
Concen: 43.513 ng
RT: 14.00 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	106.3	91.0	136.4

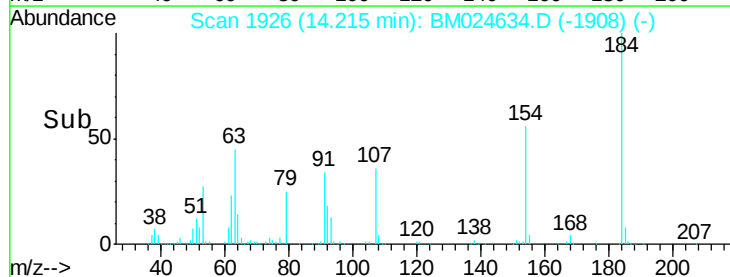
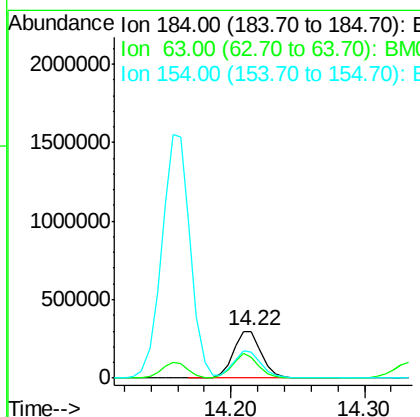
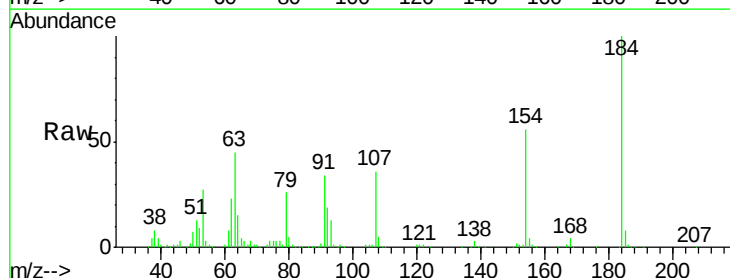
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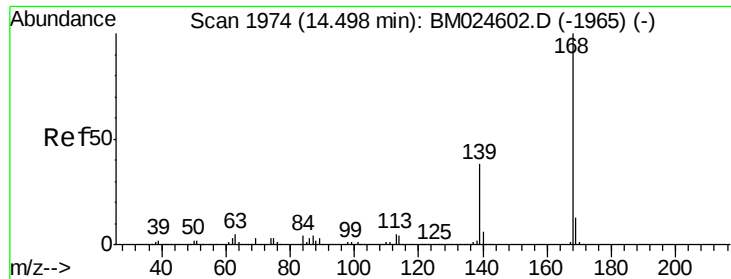
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#54
2,4-Dinitrophenol
Concen: 46.283 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.0	51.8	77.8#
154	56.3	50.2	75.4





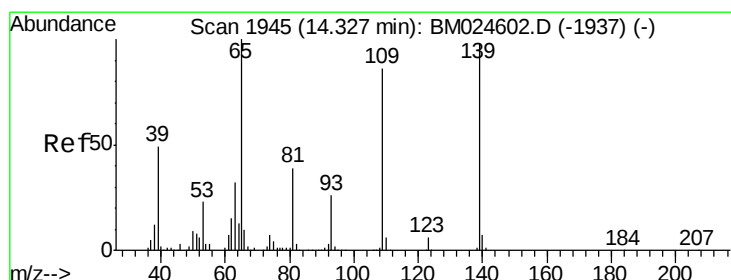
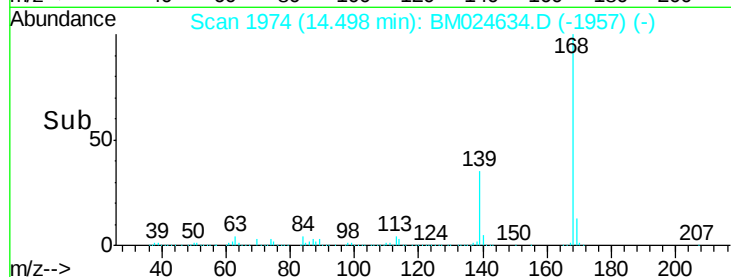
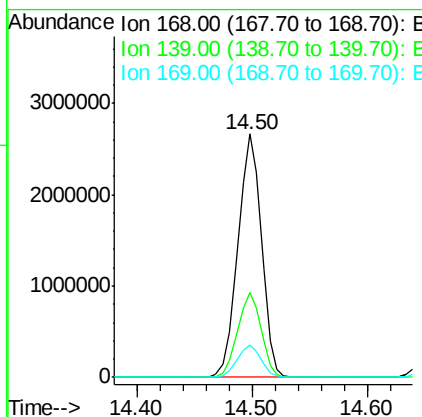
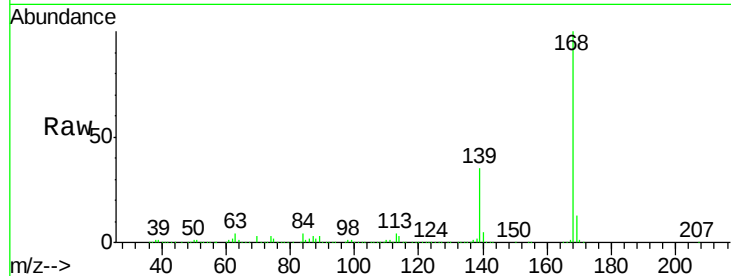
#55
Dibenzenofuran
Concen: 44.143 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.2	45.4
169	13.5	10.7	16.1

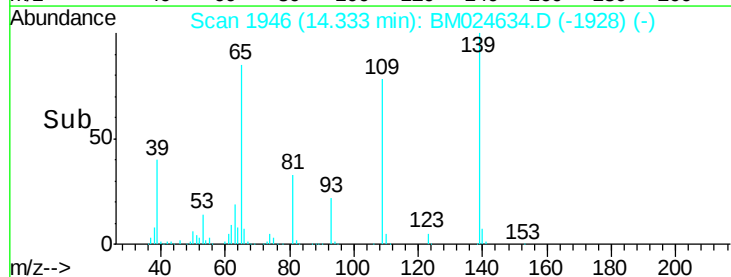
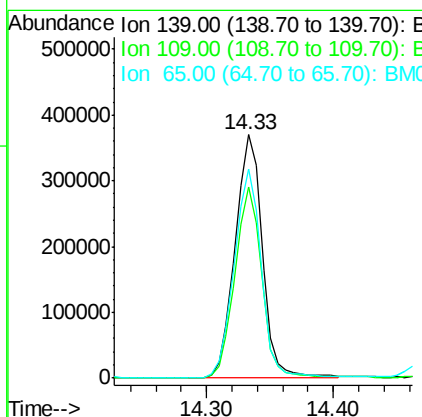
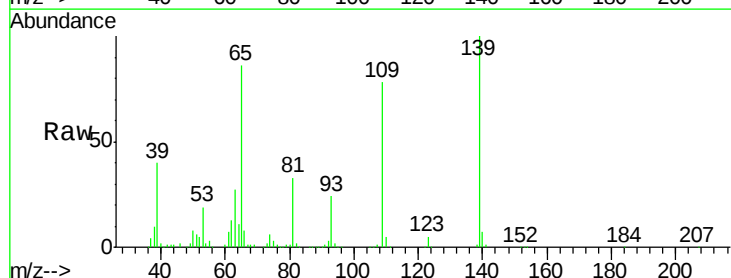
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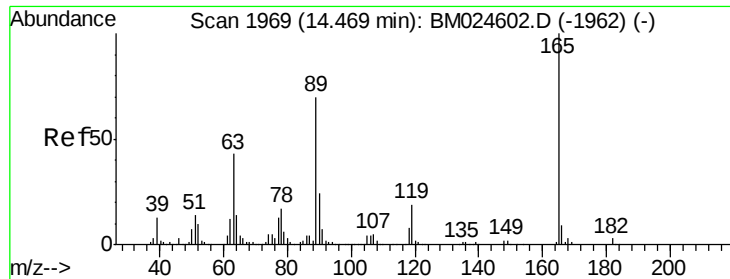
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#56
4-Nitrophenol
Concen: 42.811 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	67.4	107.4
65	86.0	82.1	122.1





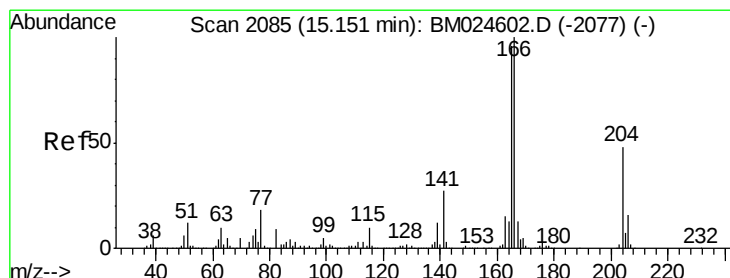
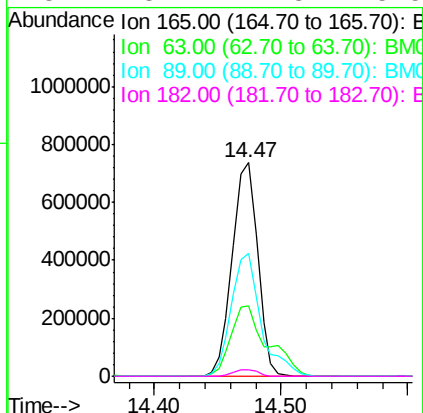
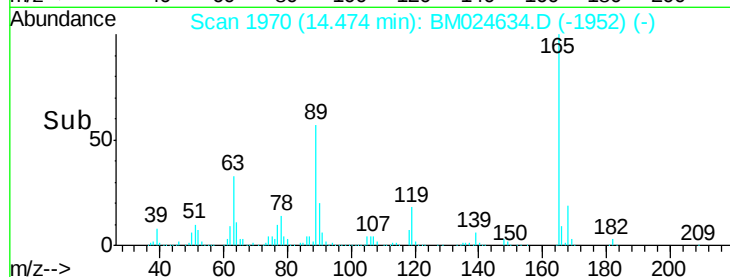
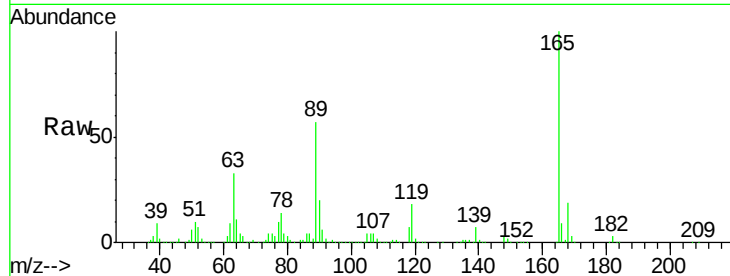
#57
2,4-Dinitrotoluene
Concen: 45.222 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.0	34.5	51.7#
89	57.5	55.8	83.8
182	3.1	2.3	3.5

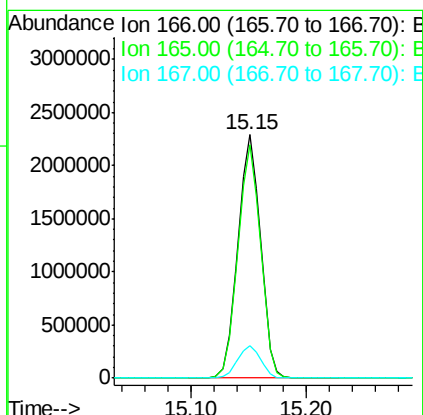
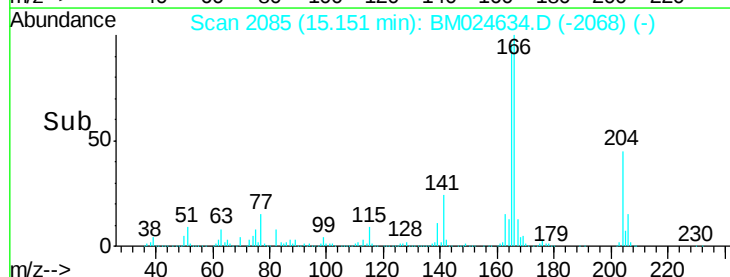
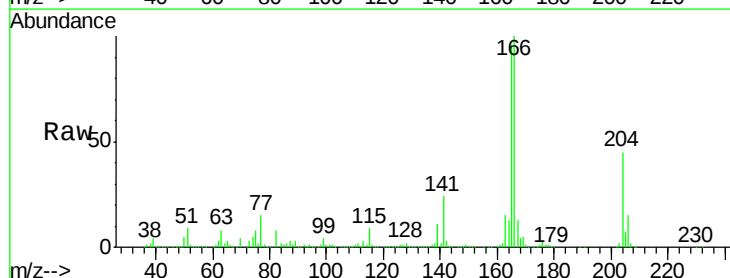
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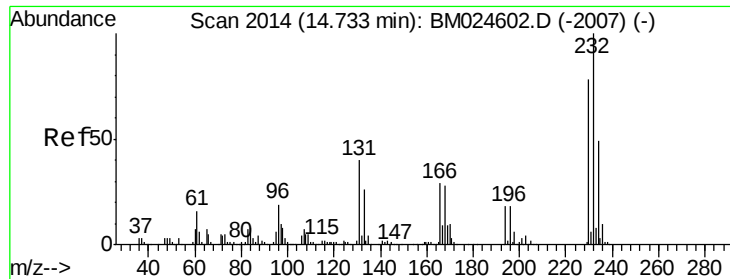
mohammad
1/30/2020 8:03:02 AM



#58
Fluorene
Concen: 43.393 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	114.8
167	13.5	10.8	16.2





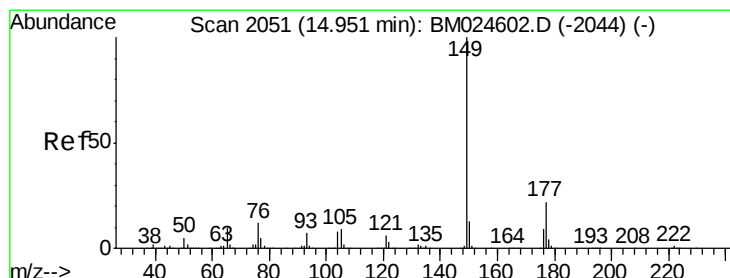
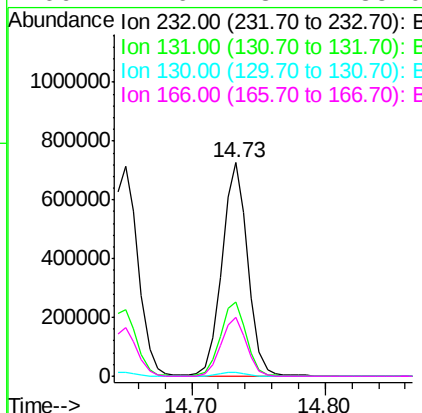
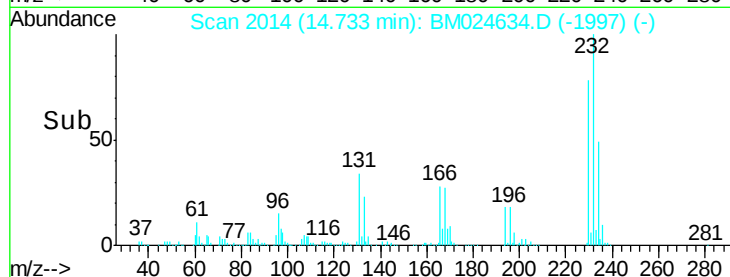
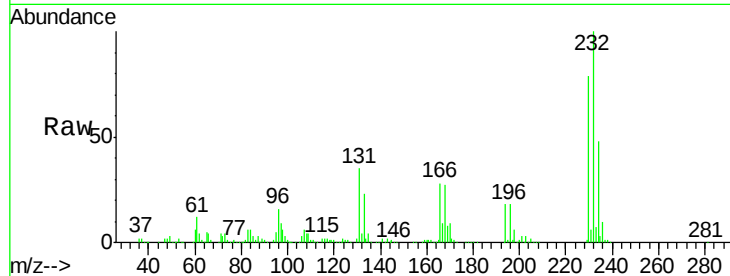
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.994 ng
 RT: 14.73 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	975981
Ion Ratio	Lower	Upper	
232	100		
131	35.2	32.2	48.4
130	2.0	1.9	2.9
166	27.6	23.4	35.0

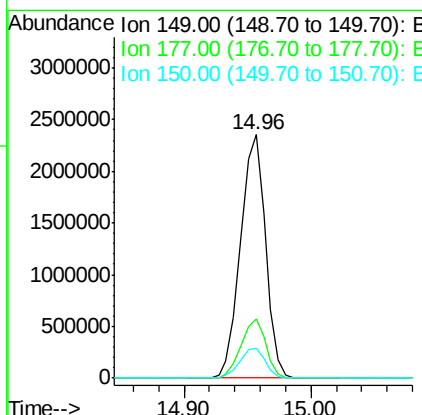
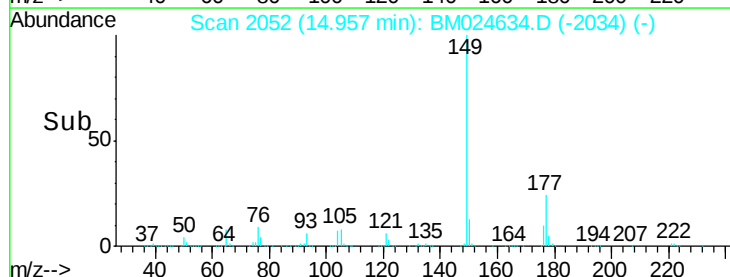
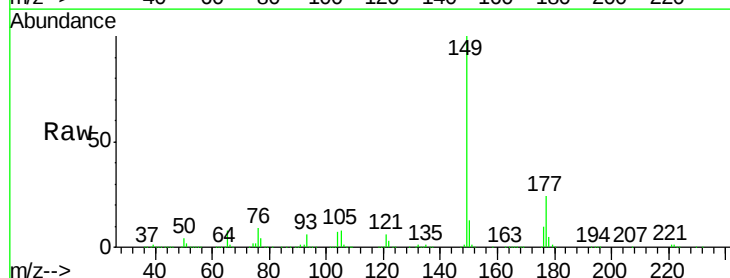
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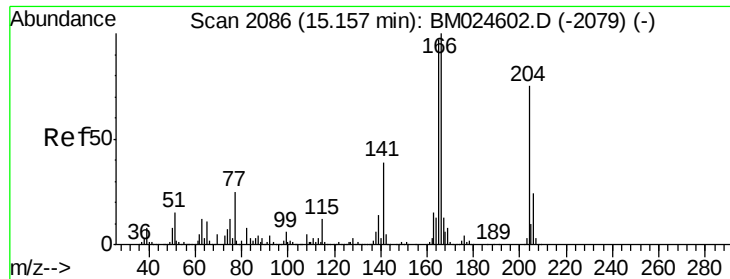
mohammad
 1/30/2020 8:03:02 AM



#60
 Diethylphthalate
 Concen: 42.468 ng
 RT: 14.96 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion:	149	Resp:	3215022
Ion Ratio	Lower	Upper	
149	100		
177	24.3	18.0	27.0
150	12.5	10.2	15.4





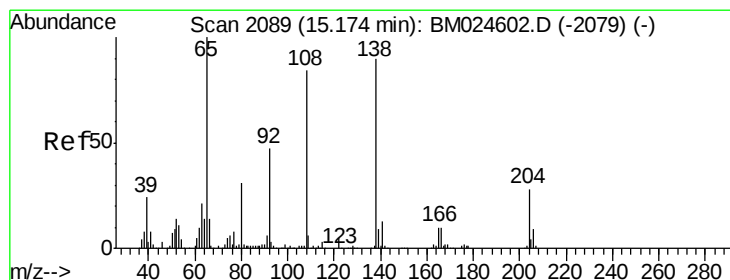
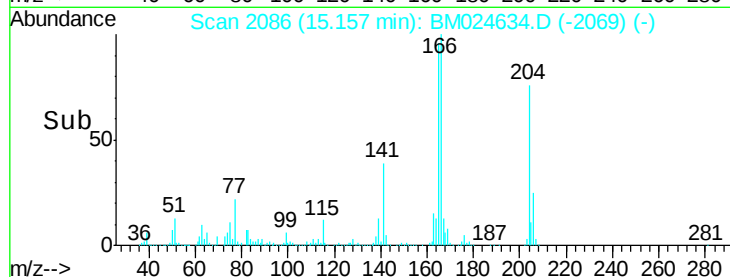
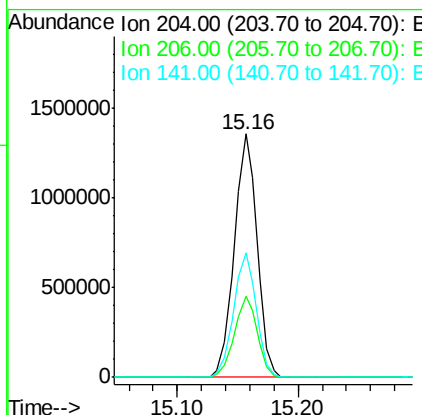
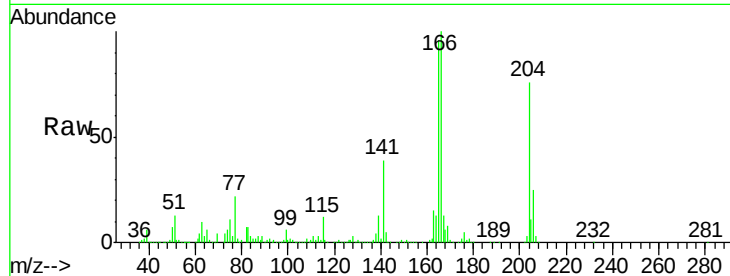
#61
4-Chlorophenyl-phenylether
Concen: 43.159 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 1784808
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 51.0 42.2 63.2

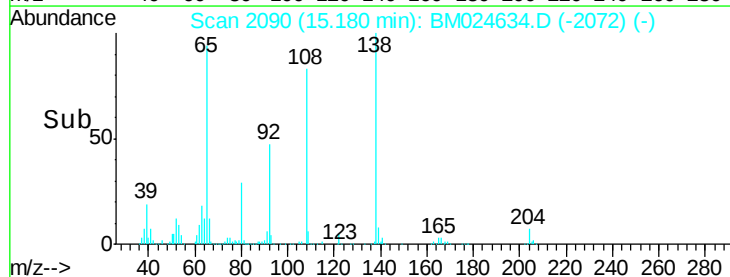
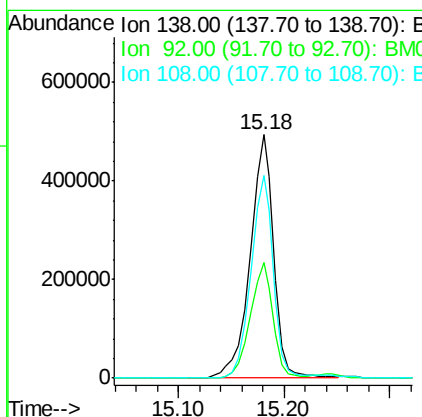
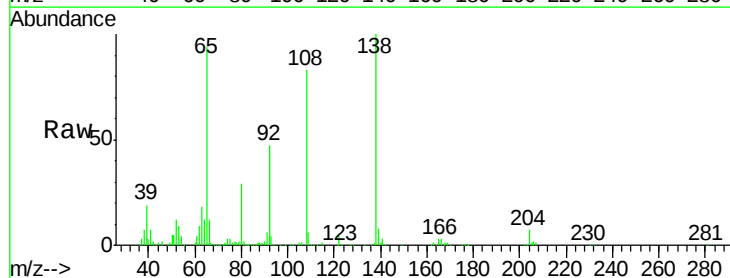
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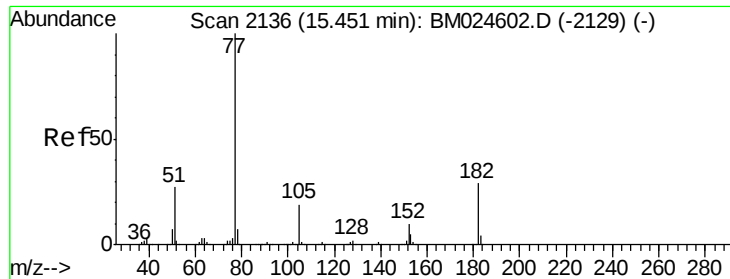
mohammad
1/30/2020 8:03:02 AM



#62
4-Nitroaniline
Concen: 42.727 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:138 Resp: 775527
Ion Ratio Lower Upper
138 100
92 47.4 32.4 72.4
108 83.3 73.3 113.3





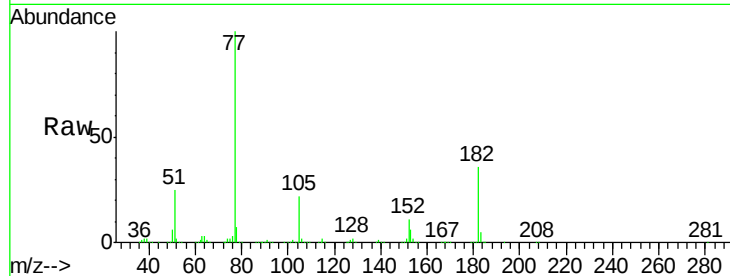
#63
Azobenzene
Concen: 37.356 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.5	8.7	48.7
105	21.5	0.0	39.2
51	25.5	7.5	47.5

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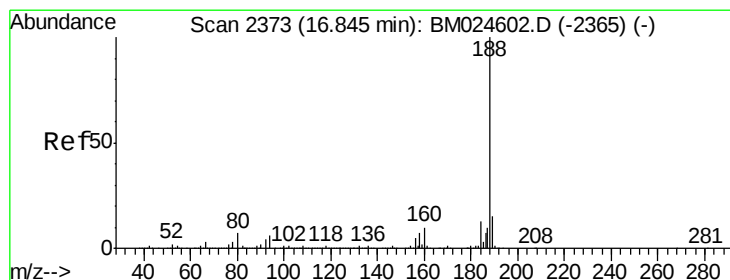
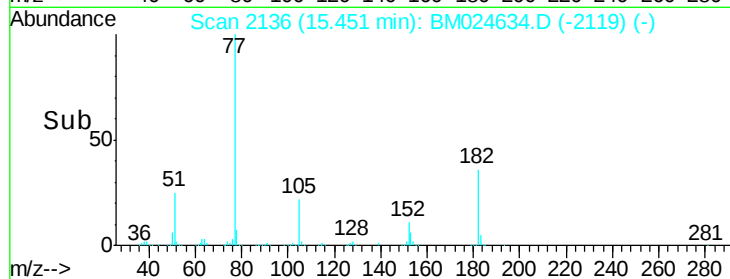
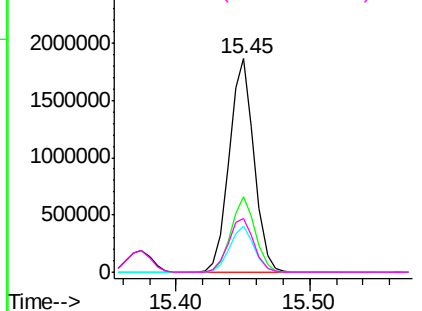


Abundance Ion 77.00 (76.70 to 77.70): BM024634.D (-2119) (-)

Ion 182.00 (181.70 to 182.70): BM024634.D (-2119) (-)

Ion 105.00 (104.70 to 105.70): BM024634.D (-2119) (-)

Ion 51.00 (50.70 to 51.70): BM024634.D (-2119) (-)



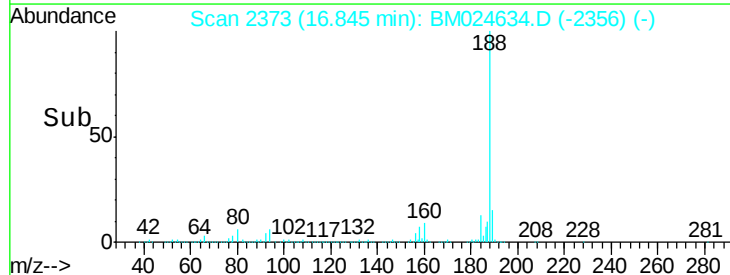
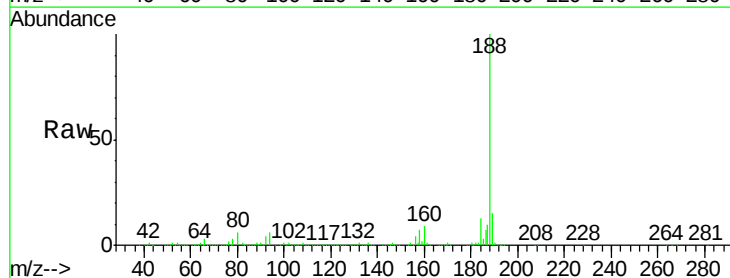
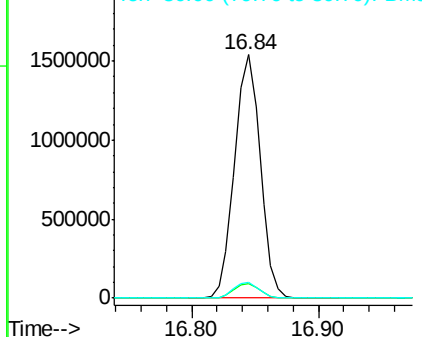
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

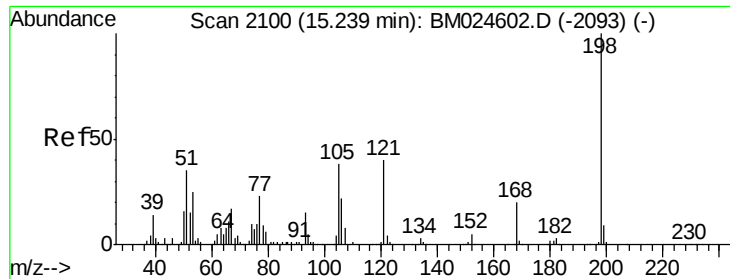
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.0	7.6
80	6.5	5.8	8.8

Abundance Ion 188.00 (187.70 to 188.70): BM024634.D (-2356) (-)

Ion 94.00 (93.70 to 94.70): BM024634.D (-2356) (-)

Ion 80.00 (79.70 to 80.70): BM024634.D (-2356) (-)





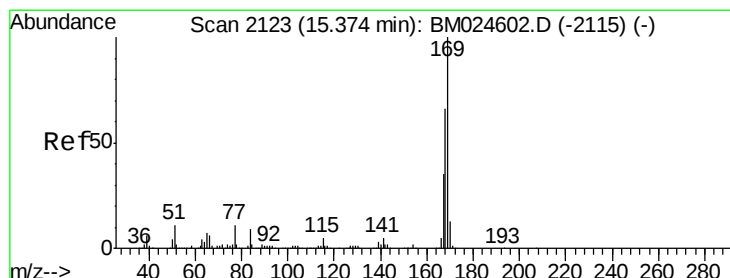
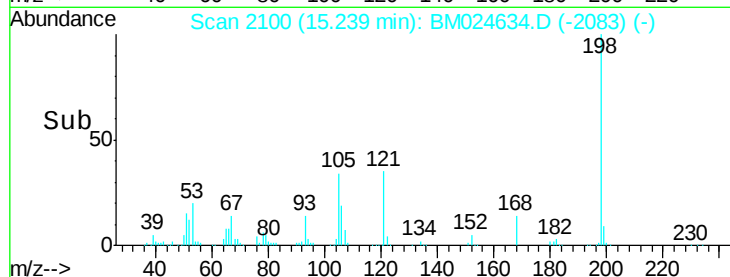
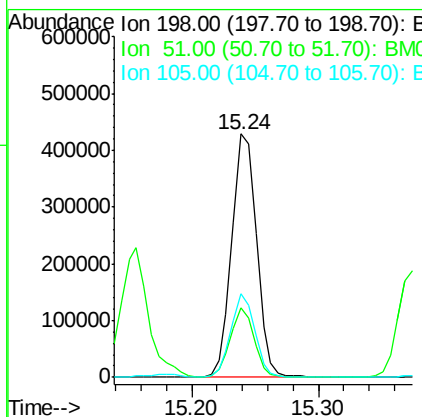
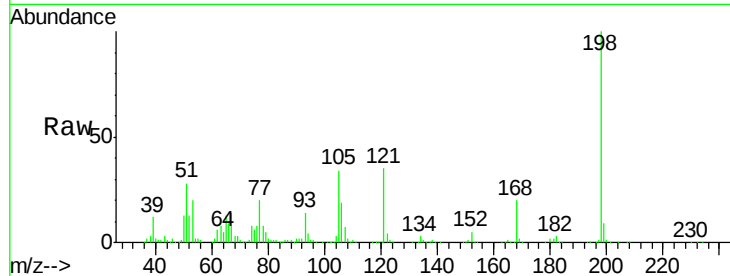
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.904 ng
 RT: 15.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	582971		
51	28.3		15.8	55.8
105	34.2		18.5	58.5

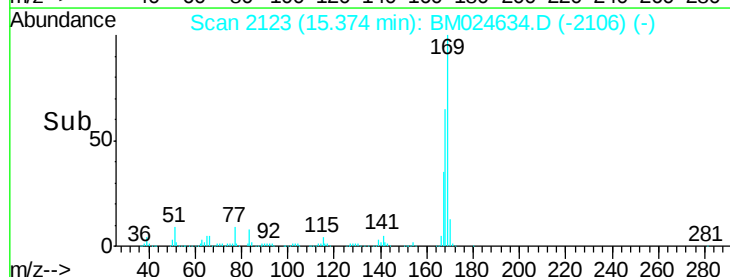
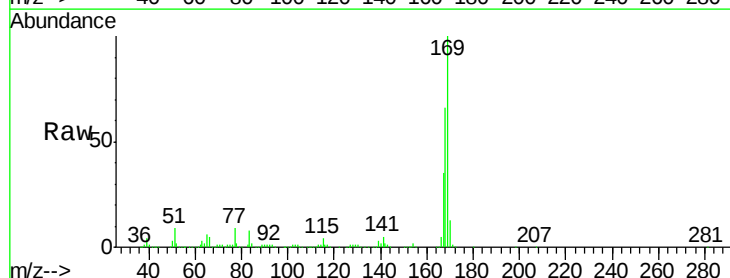
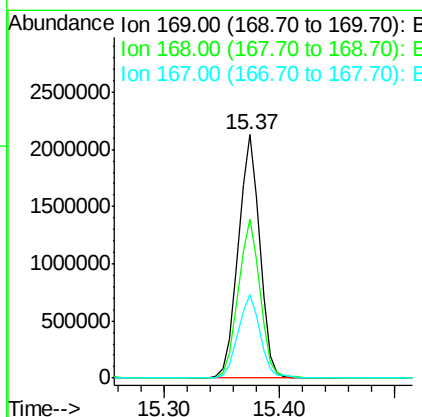
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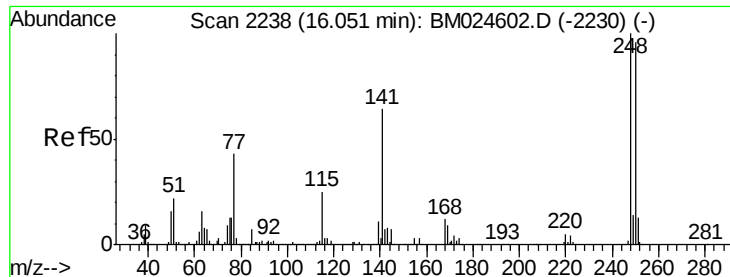
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 44.120 ng
 RT: 15.37 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2737313		
168	65.5		52.8	79.2
167	34.6		28.2	42.2





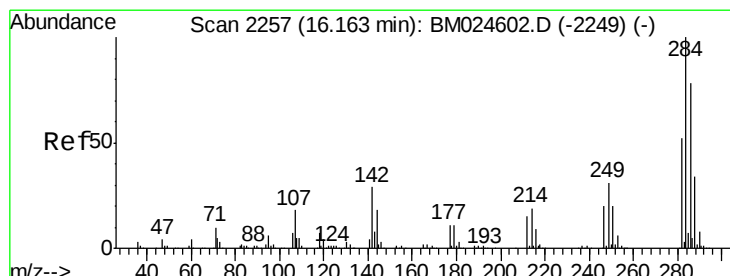
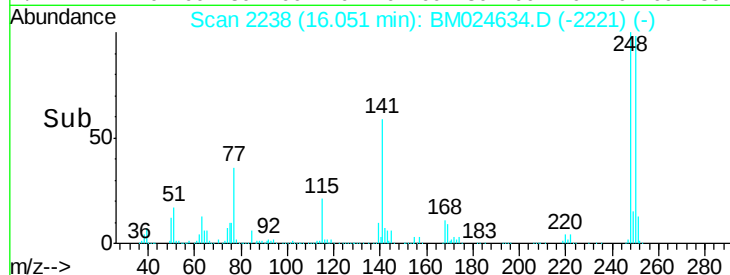
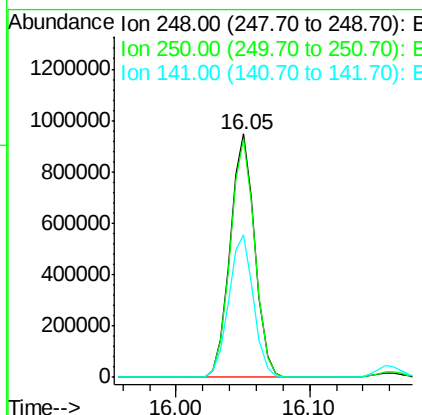
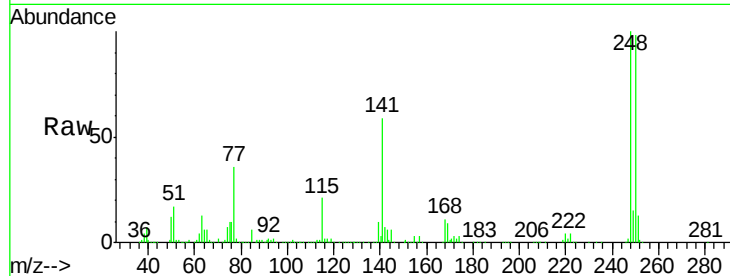
#67
4-Bromophenyl-phenylether
Concen: 45.413 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 1219796
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.6
141 58.5 50.9 76.3

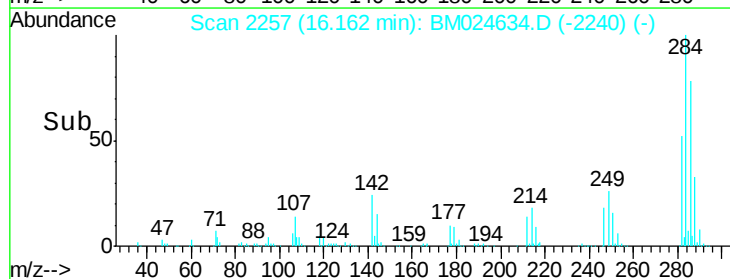
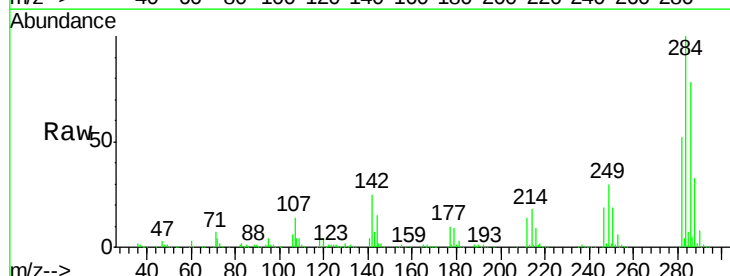
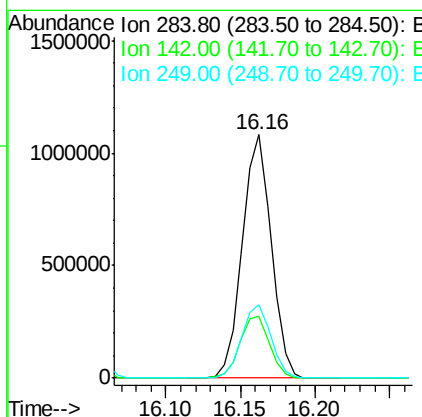
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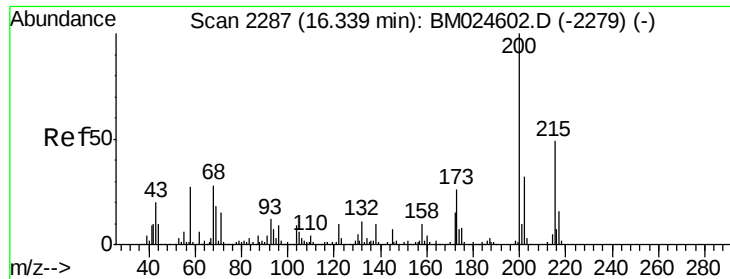
mohammad
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#68
Hexachlorobenzene
Concen: 46.929 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:284 Resp: 1446503
Ion Ratio Lower Upper
284 100
142 25.2 23.5 35.3
249 30.3 24.6 36.8





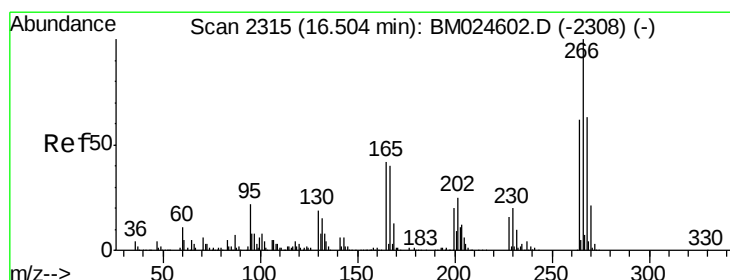
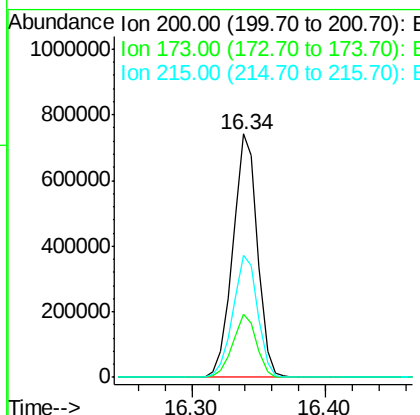
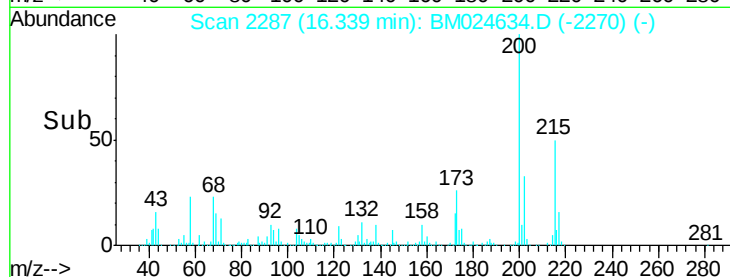
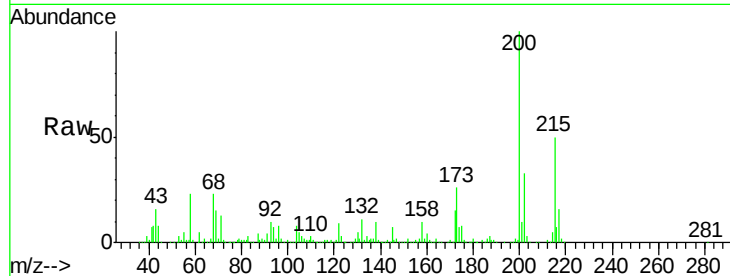
#69
Atrazine
Concen: 40.014 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	952937		
173	25.7	5.5	45.5	
215	50.0	29.4	69.4	

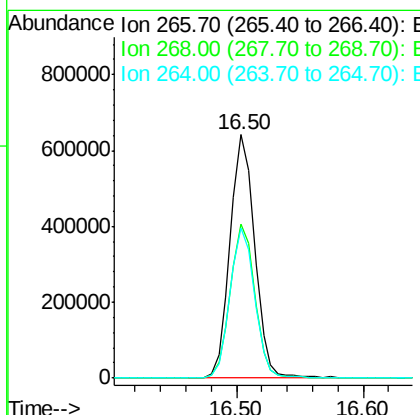
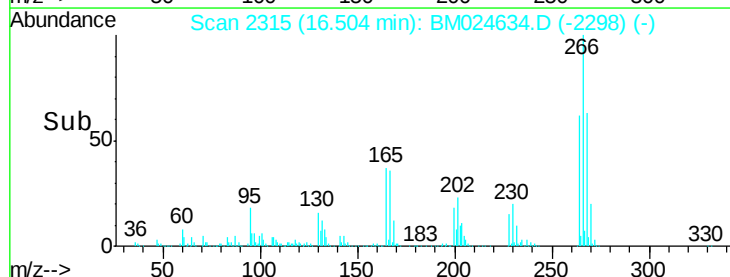
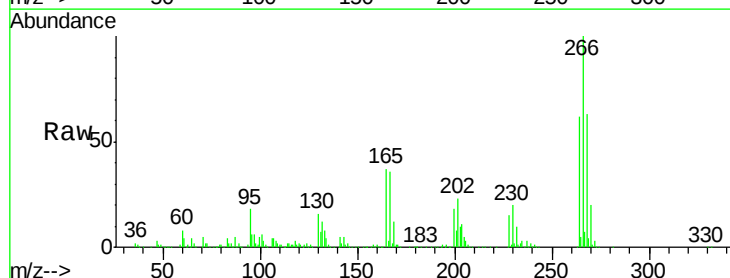
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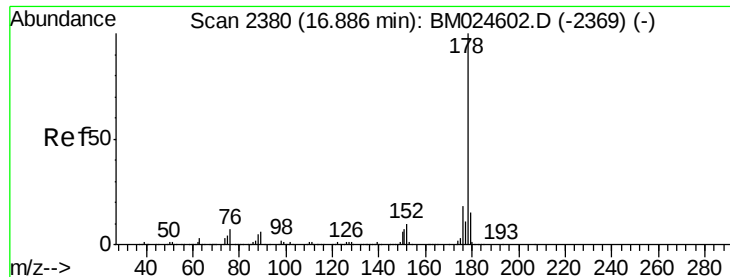
mohammad
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#70
Pentachlorophenol
Concen: 45.924 ng
RT: 16.50 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	862218		
268	63.2	50.4	75.6	
264	61.7	49.9	74.9	





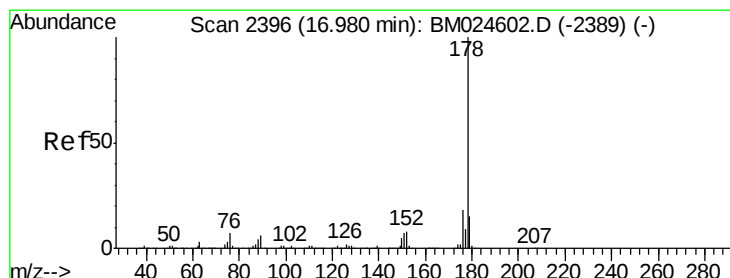
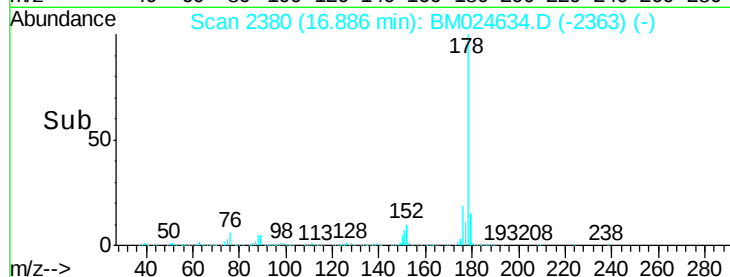
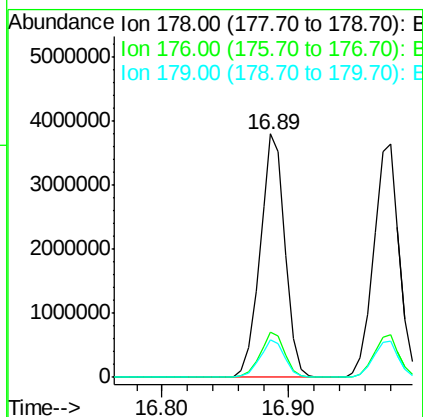
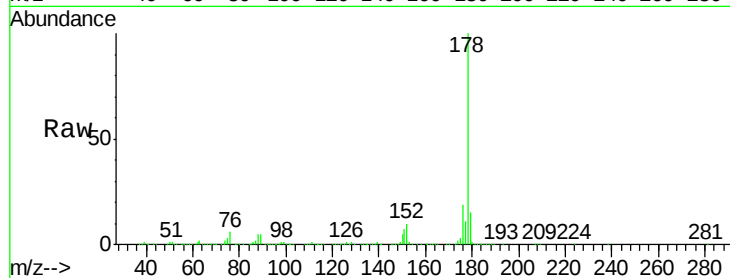
#71
Phenanthrene
Concen: 44.107 ng
RT: 16.89 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.4	11.9	17.9

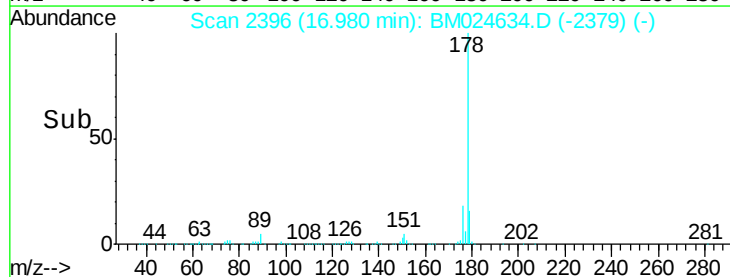
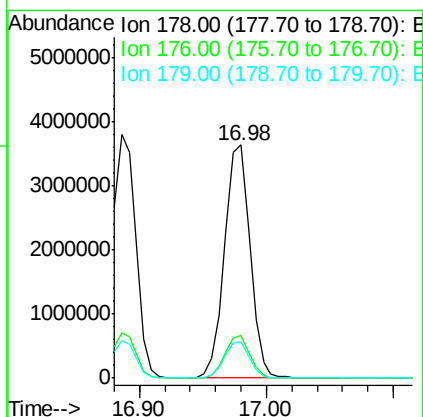
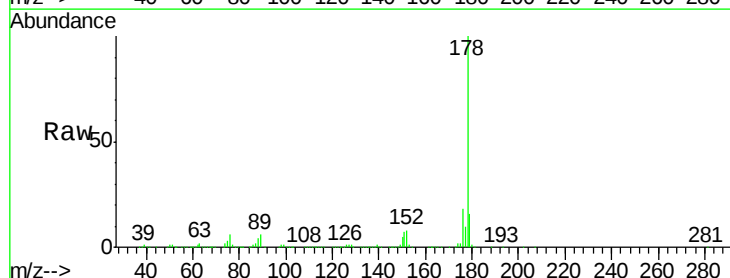
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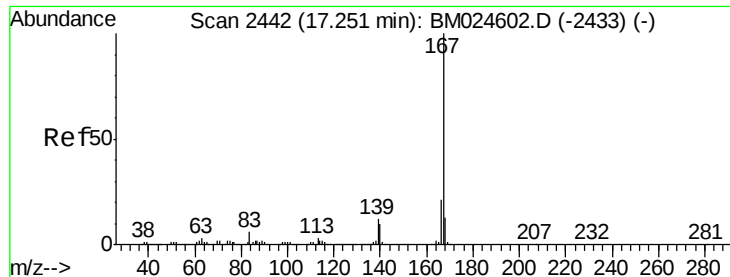
mohammad
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#72
Anthracene
Concen: 44.201 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.6	12.1	18.1





#73

Carbazole

Concen: 43.664 ng

RT: 17.25 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 4549009

Ion Ratio Lower Upper

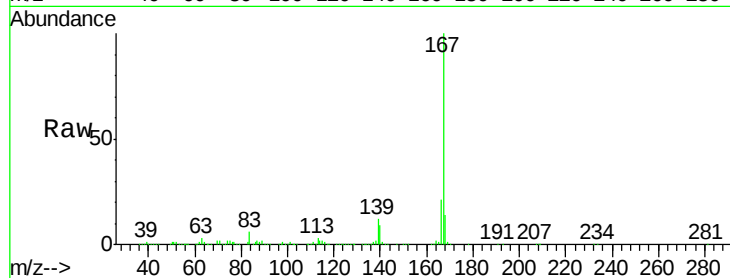
167 100

166 21.2 17.1 25.7

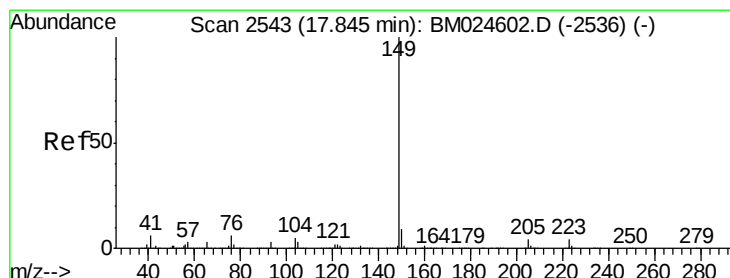
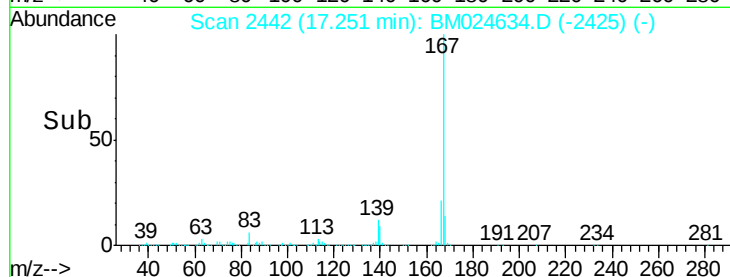
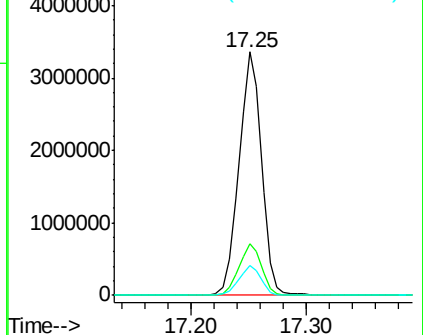
139 12.0 9.8 14.8

Manual Integrations
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mohammad
1/30/2020 8:03:02 AM



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: 42.203 ng

RT: 17.84 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

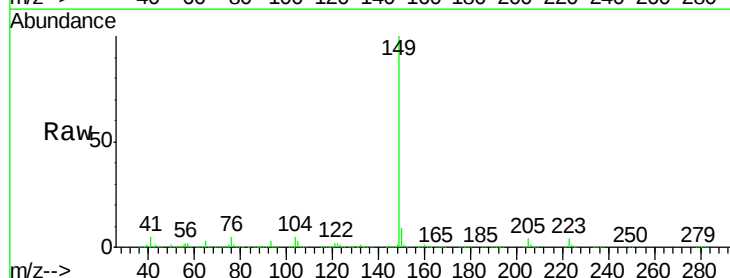
Tgt Ion:149 Resp: 5620945

Ion Ratio Lower Upper

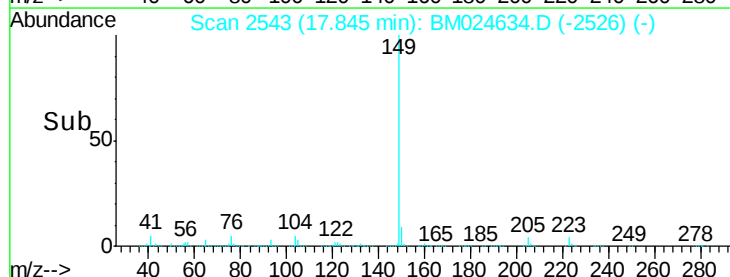
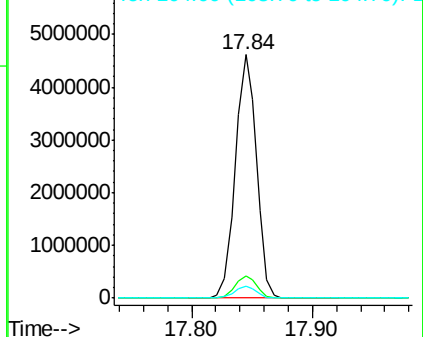
149 100

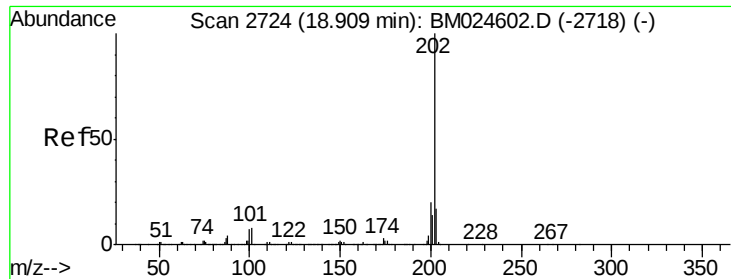
150 9.2 7.4 11.0

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: 43.547 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 6356993

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.4

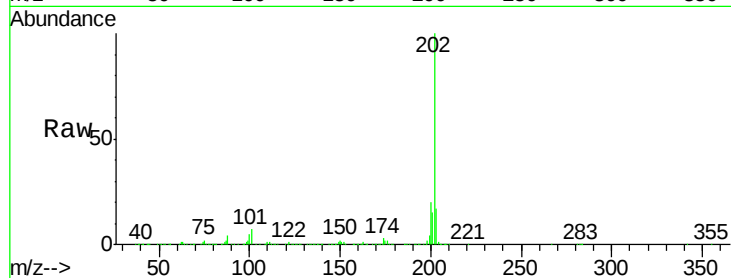
203 17.5 0.0 37.5

Manual Integrations

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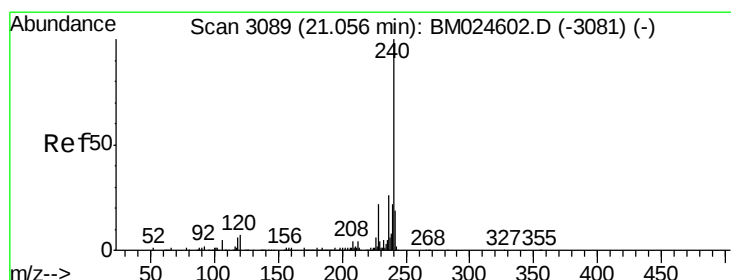
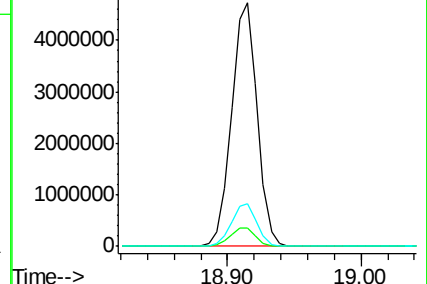
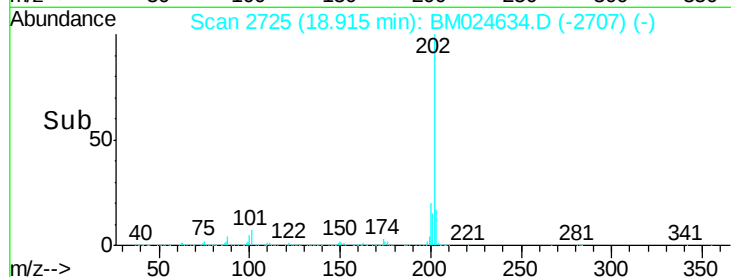
1/30/2020 8:03:02 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

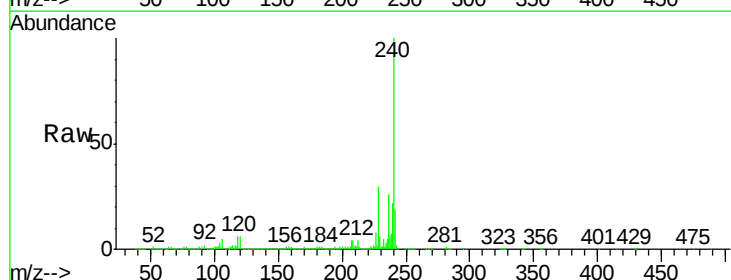
Tgt Ion:240 Resp: 2066253

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

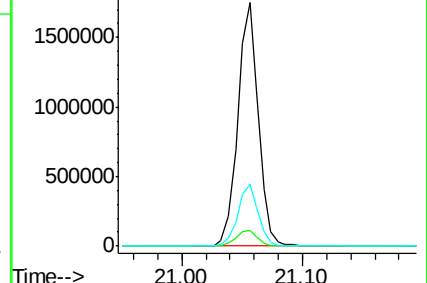
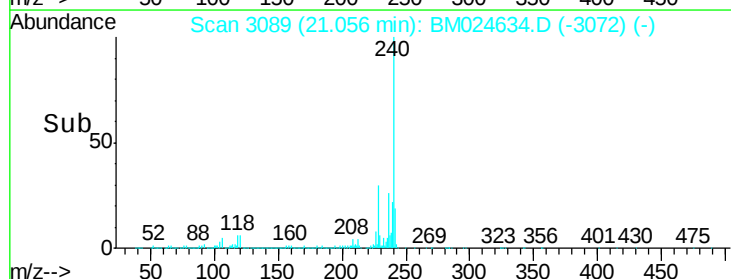
236 25.6 20.6 31.0

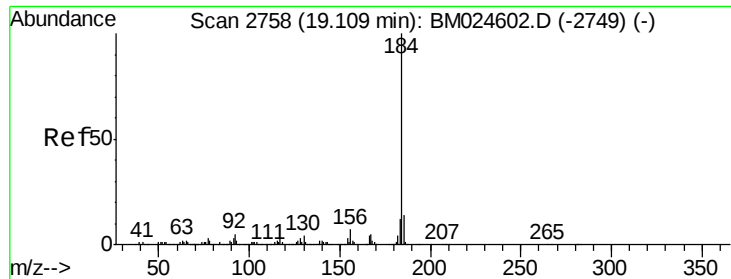


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.602 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 2098133

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

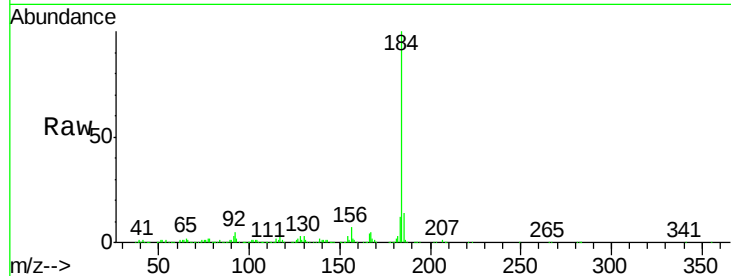
183 11.7 9.6 14.4

Manual Integrations

APPROVED

mohammad

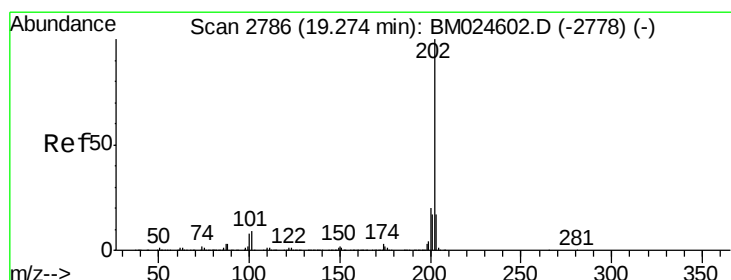
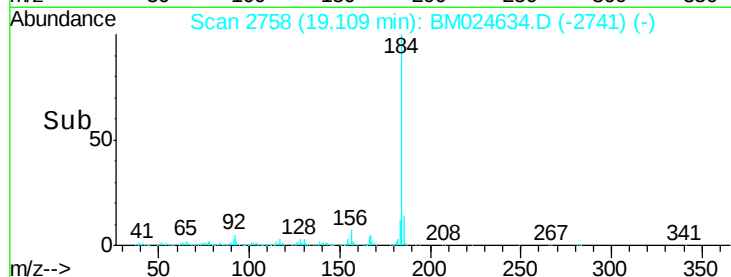
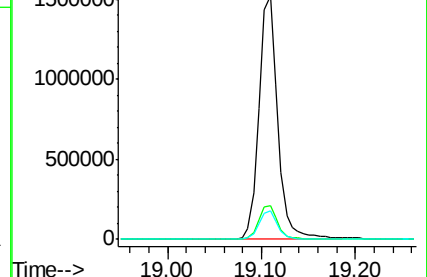
1/30/2020 8:03:02 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.621 ng

RT: 19.27 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

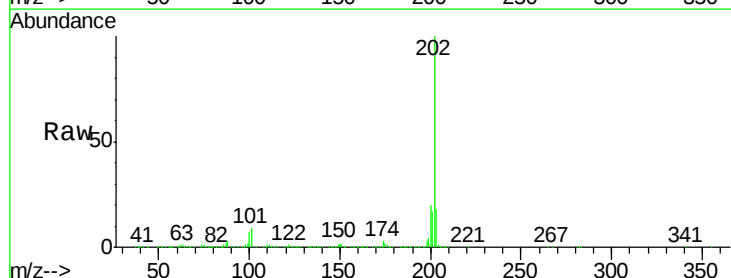
Tgt Ion:202 Resp: 6486751

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

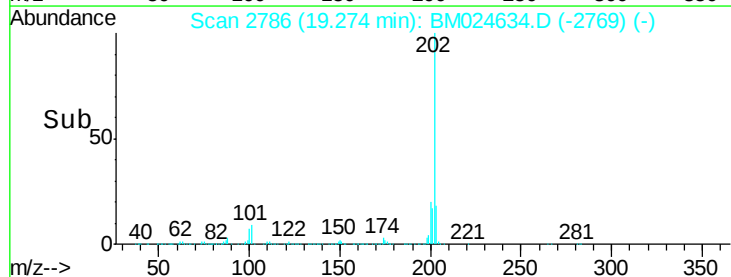
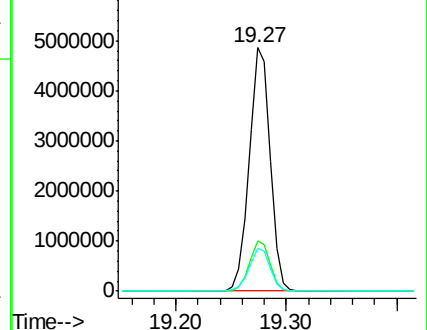
203 17.6 14.0 21.0

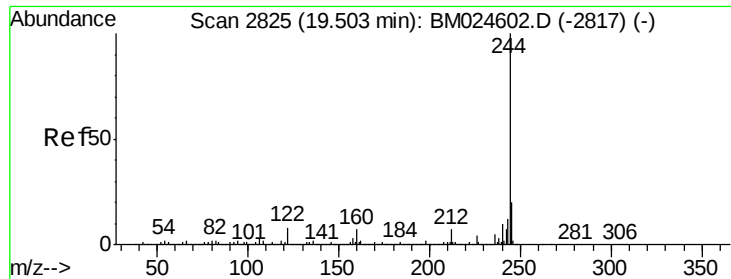


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 96.314 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

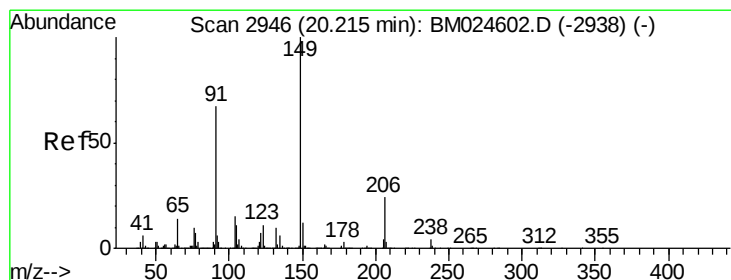
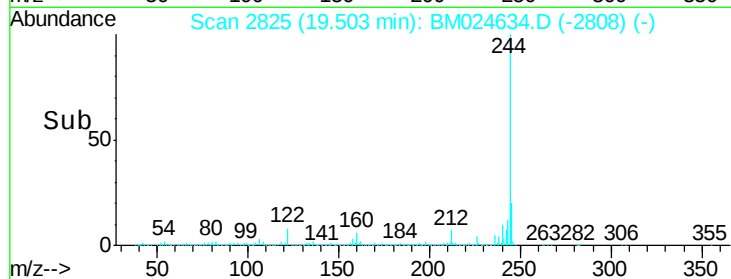
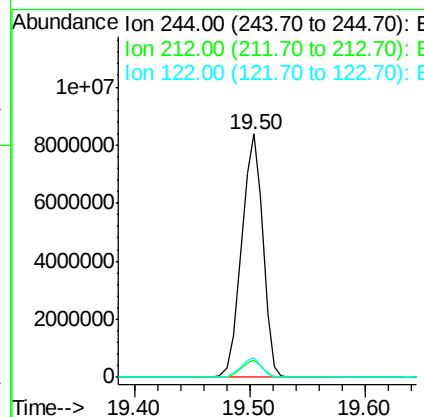
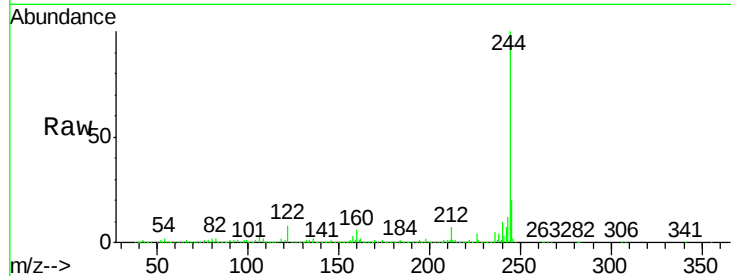
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp:10659865

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	7.8	6.2	9.4

Manual Integrations
 APPROVED

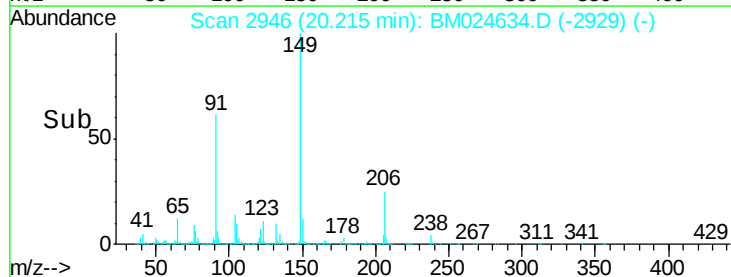
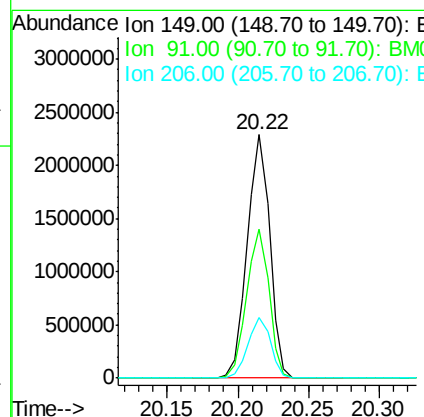
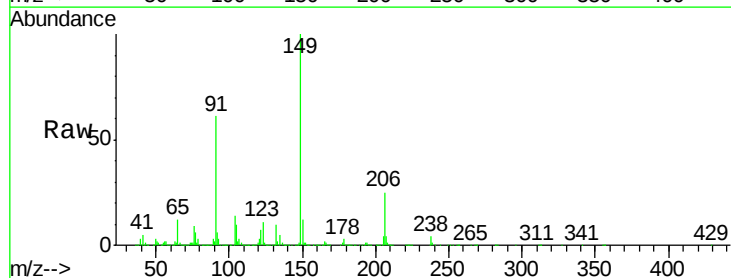
mohammad
 1/30/2020 8:03:02 AM

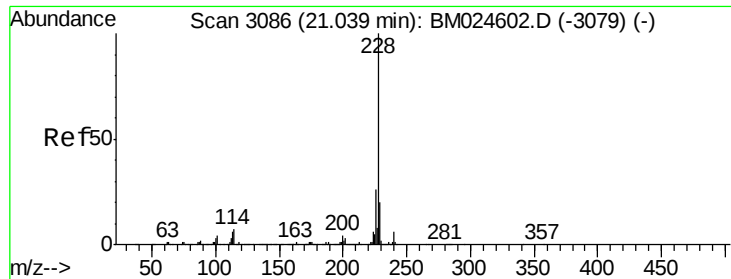


#80
 Butylbenzylphthalate
 Concen: 44.733 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion:149 Resp: 2556845

Ion	Ratio	Lower	Upper
149	100		
91	61.3	53.9	80.9
206	24.9	19.0	28.6





#81

Benzo(a)anthracene

Concen: 43.956 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 6303672

Ion Ratio Lower Upper

228 100

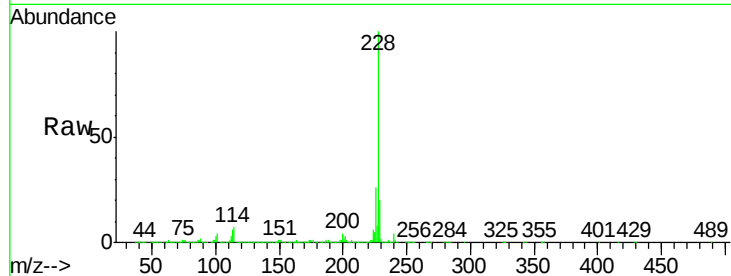
226 26.5 21.1 31.7

229 19.9 15.8 23.6

Manual Integrations
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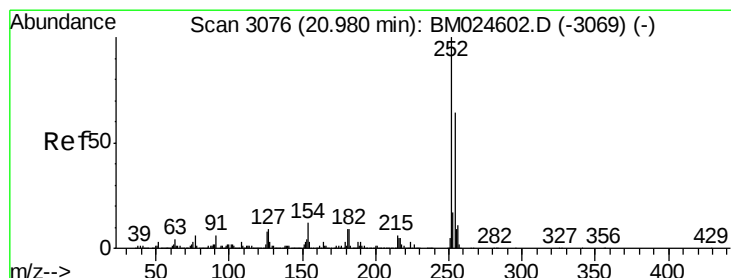
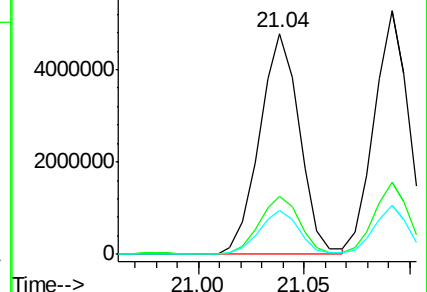
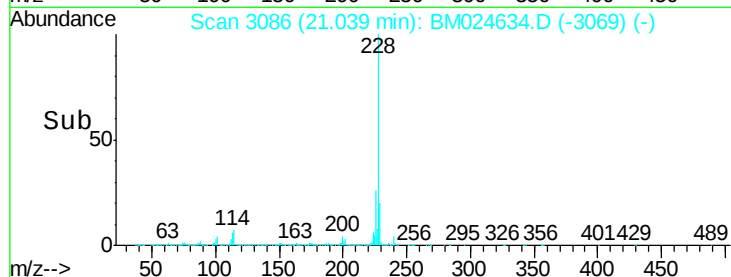
1/30/2020 8:03:02 AM



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: 45.497 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

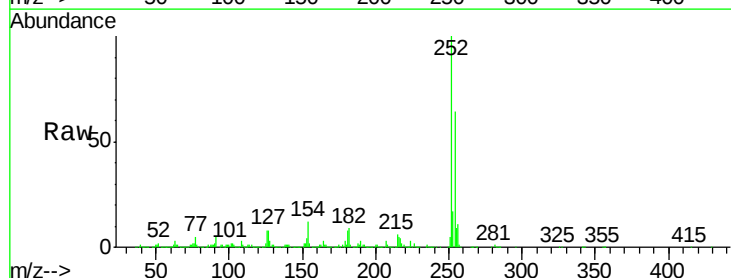
Tgt Ion:252 Resp: 2347117

Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

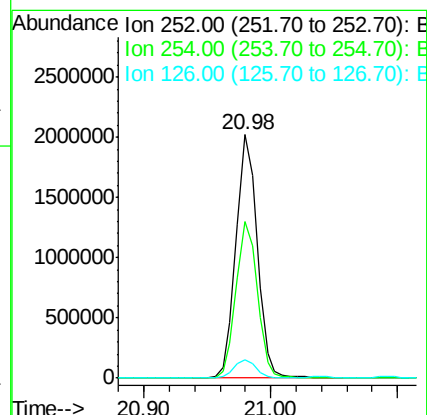
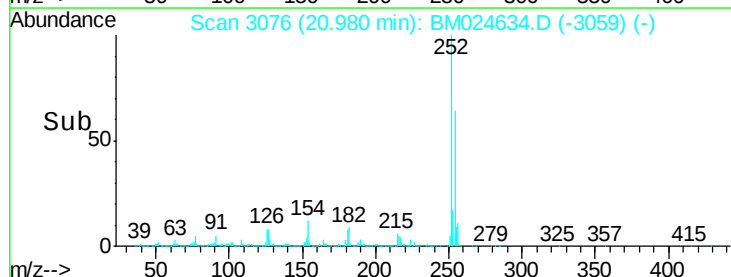
126 7.7 6.7 10.1

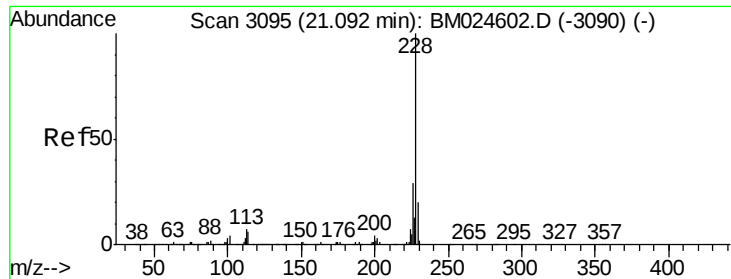


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 44.036 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

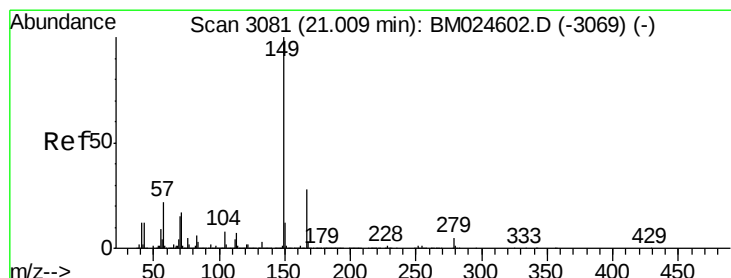
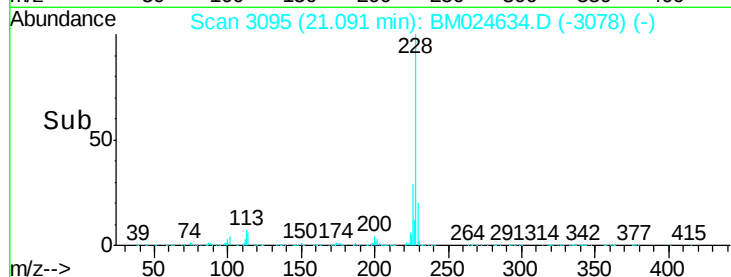
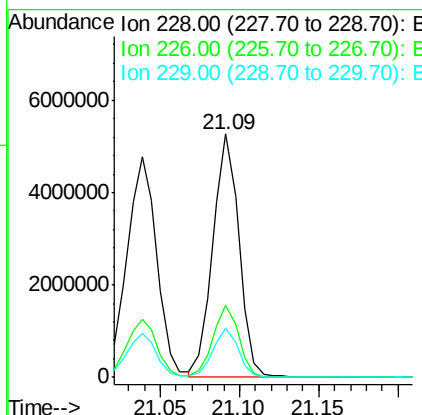
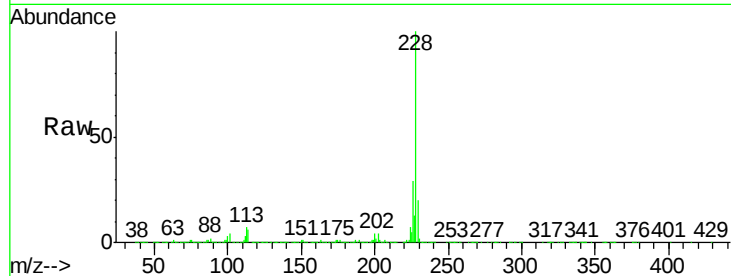
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 6026064

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	19.9	15.7	23.5

Manual Integrations
 APPROVED

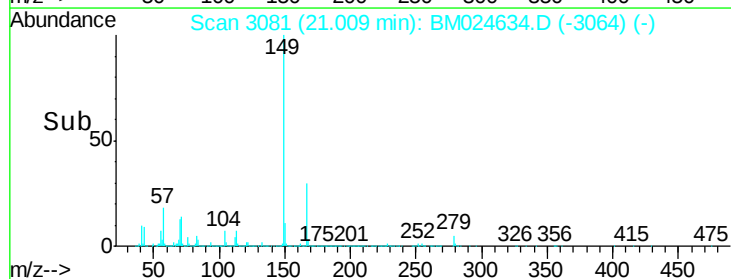
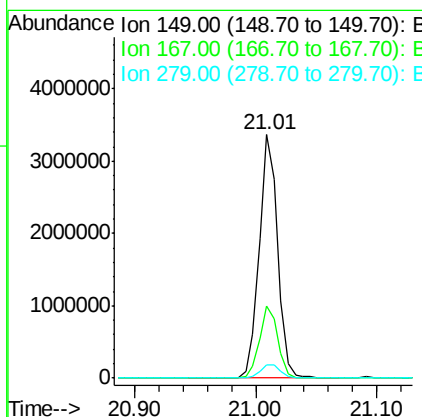
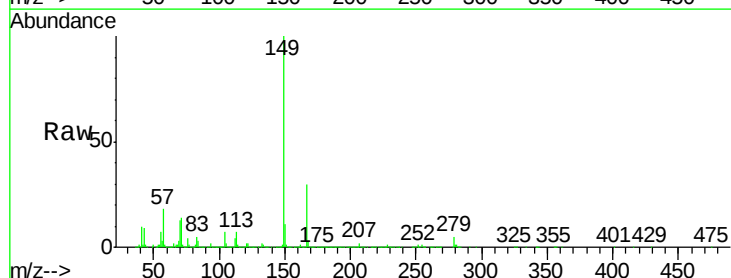
mohammad
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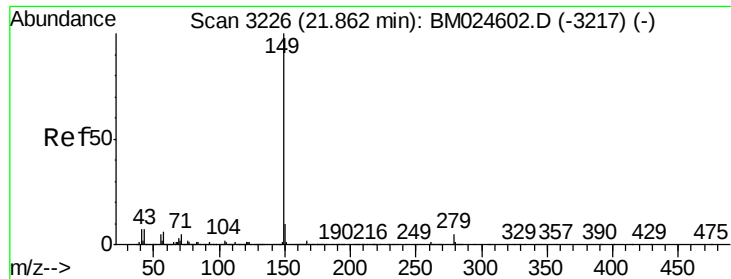


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.367 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: BM024634.D
 Acq: 28 Jan 2020 10:32

Tgt Ion:149 Resp: 3573076

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.5	33.7
279	5.4	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 41.127 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 5730443

Ion Ratio Lower Upper

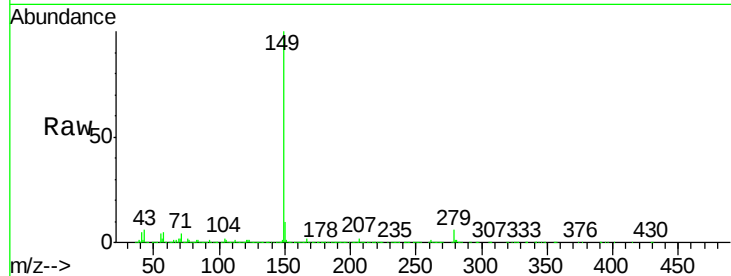
149 100

167 1.7 1.3 1.9

43 5.7 5.8 8.6#

Manual Integrations
APPROVED

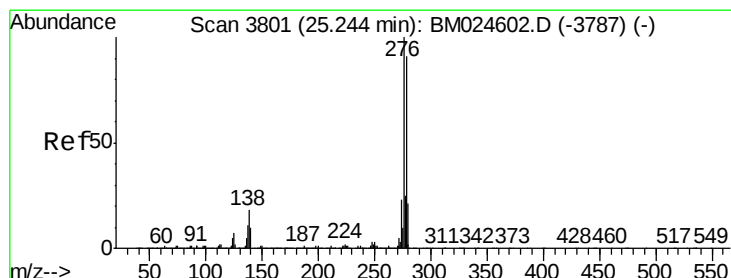
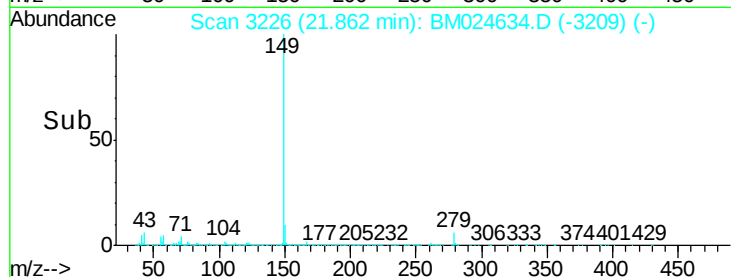
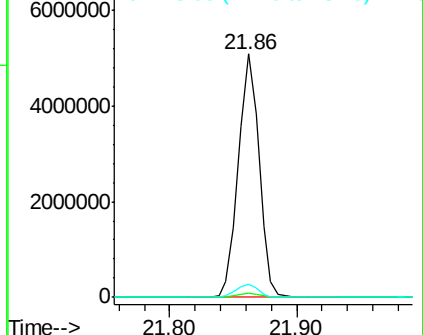
mohammad
1/30/2020 8:03:02 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.208 ng

RT: 25.24 min Scan# 3800

Delta R.T. -0.01 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

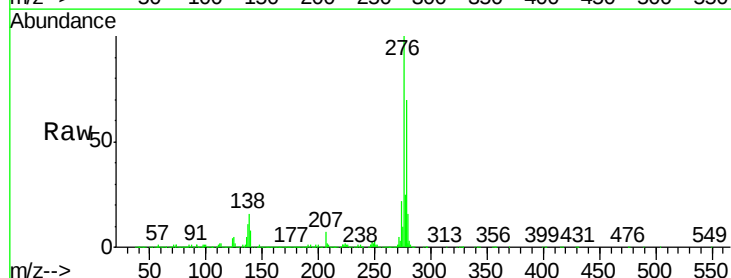
Tgt Ion:276 Resp: 5549572

Ion Ratio Lower Upper

276 100

138 16.2 13.4 20.0

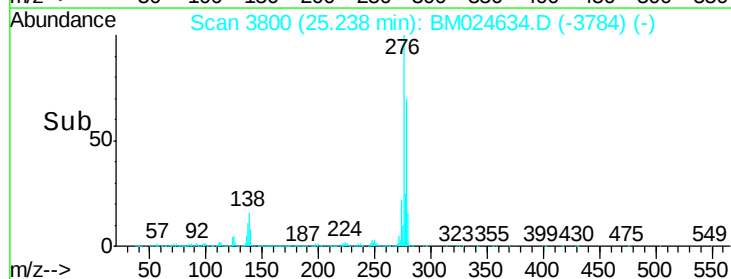
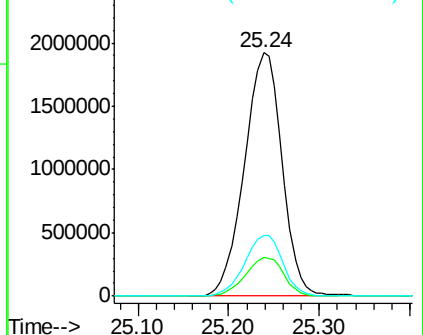
277 25.2 19.6 29.4

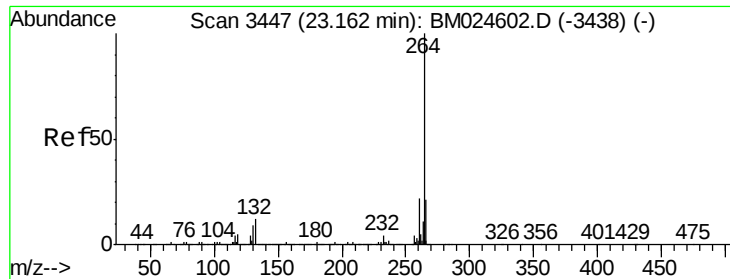


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





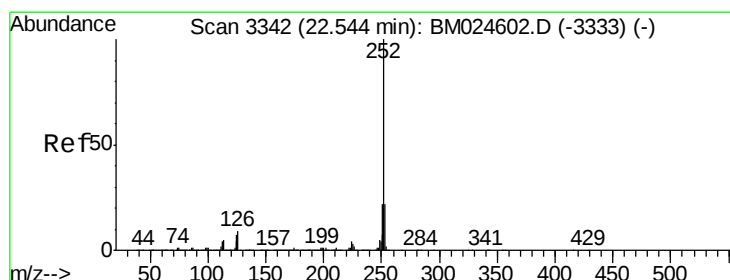
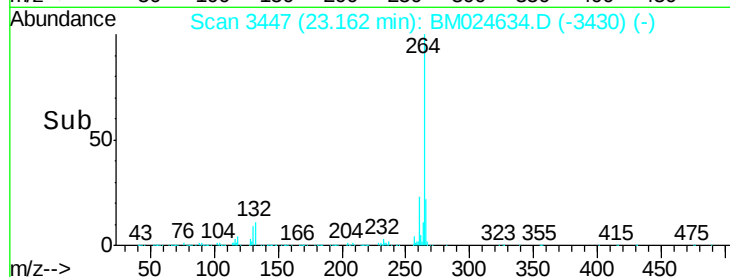
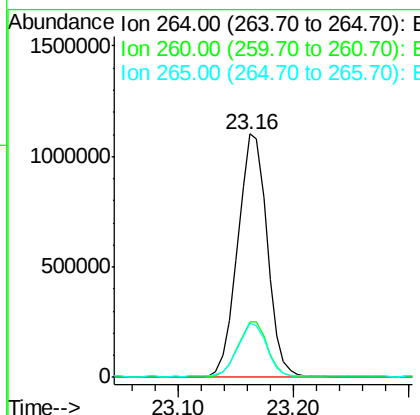
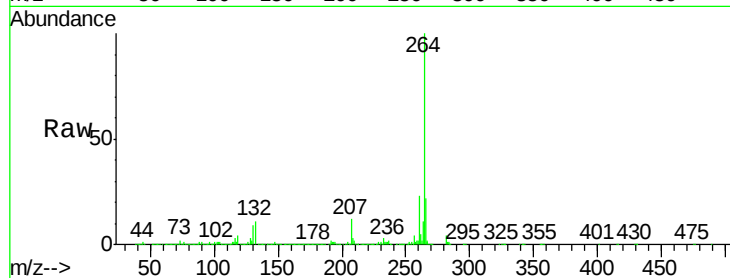
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	22.1	17.3	25.9

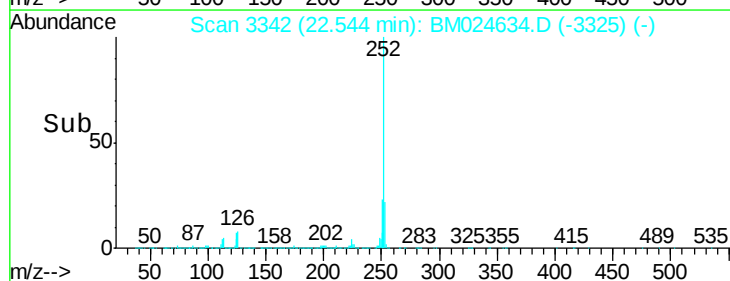
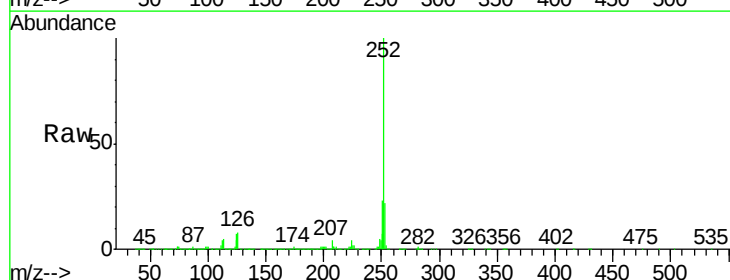
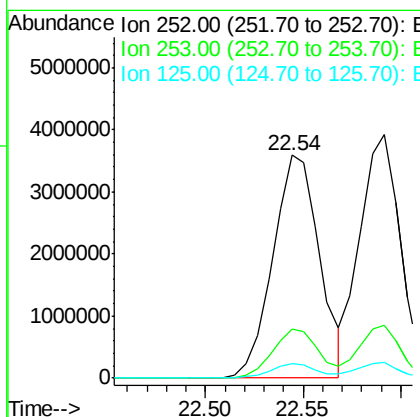
Manual Integrations
APPROVED

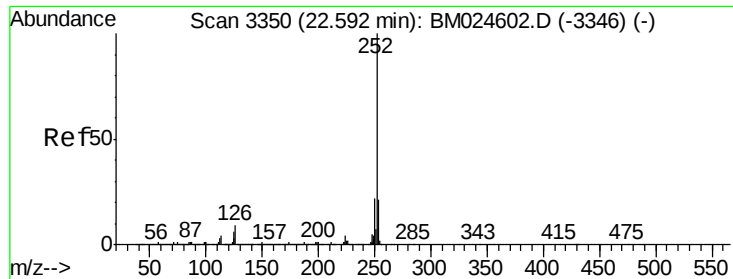
mohammad
1/30/2020 8:03:02 AM



#88
Benzo(b)fluoranthene
Concen: 46.677 ng
RT: 22.54 min Scan# 3342
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.6	5.7	8.5





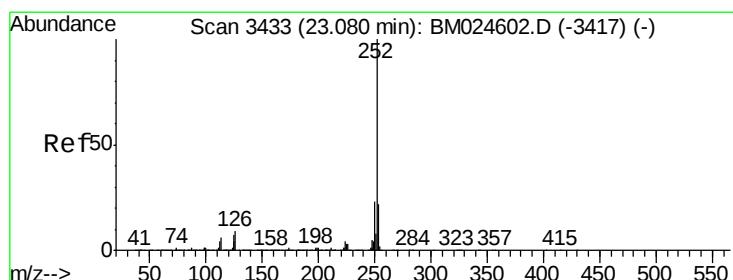
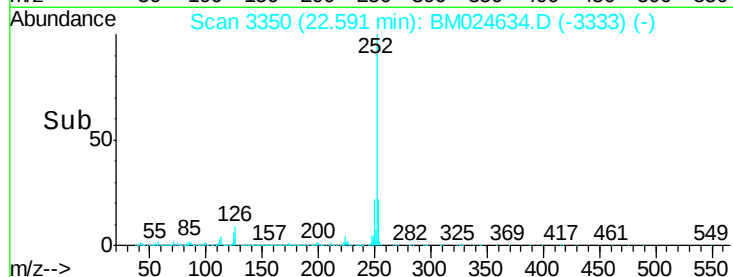
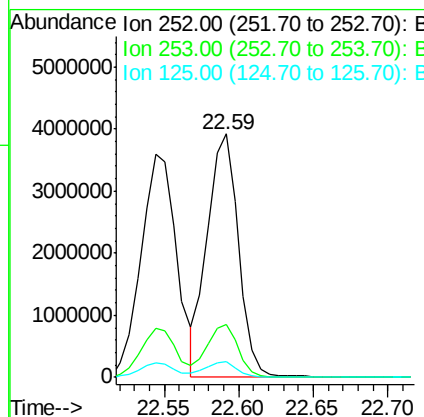
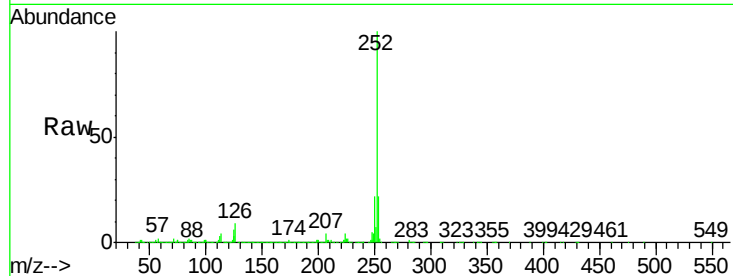
#89
Benzo(k)fluoranthene
Concen: 45.659 ng
RT: 22.59 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 5679440
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 6.4 5.2 7.8

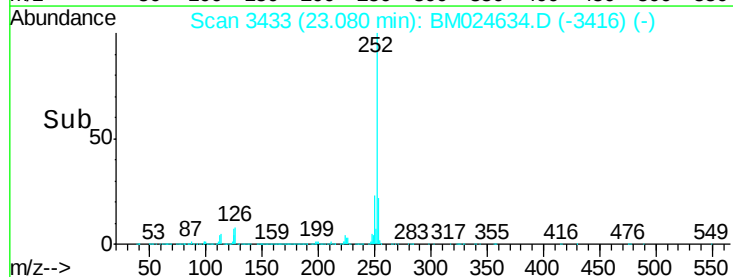
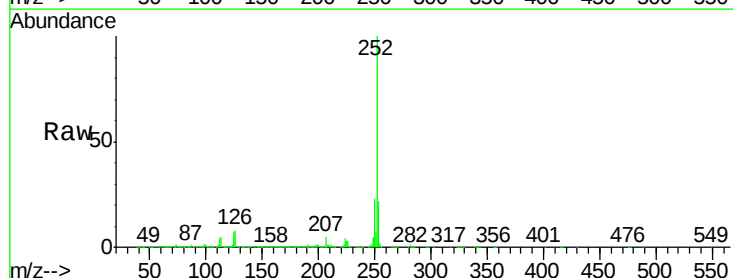
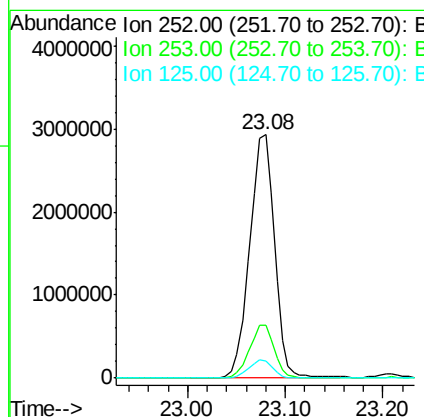
Manual Integrations
APPROVED

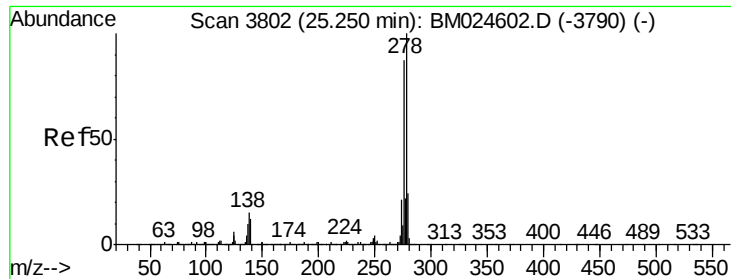
mohammad
1/30/2020 8:03:02 AM



#90
Benzo(a)pyrene
Concen: 44.897 ng
RT: 23.08 min Scan# 3433
Delta R.T. -0.00 min
Lab File: BM024634.D
Acq: 28 Jan 2020 10:32

Tgt Ion:252 Resp: 5201861
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 6.8 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 41.868 ng

RT: 25.25 min Scan# 3802

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 4604184

Ion Ratio Lower Upper

278 100

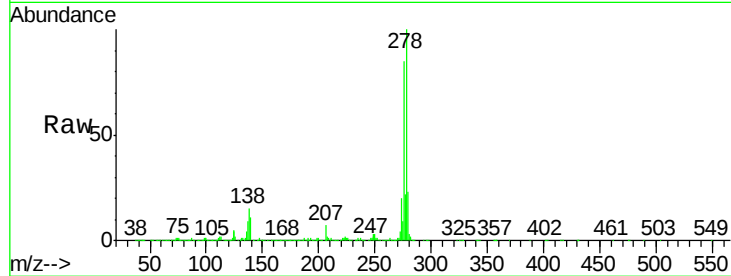
139 10.5 9.3 13.9

279 23.4 18.9 28.3

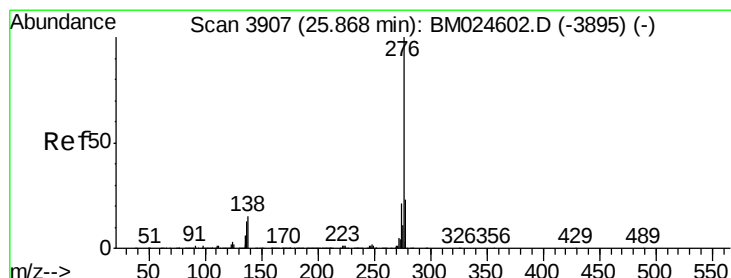
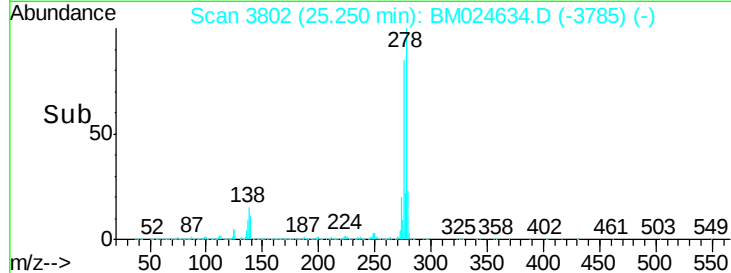
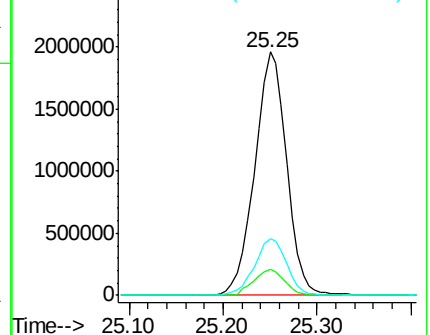
Manual Integrations
APPROVED

mohammad

1/30/2020 8:03:02 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.873 ng

RT: 25.87 min Scan# 3907

Delta R.T. -0.00 min

Lab File: BM024634.D

Acq: 28 Jan 2020 10:32

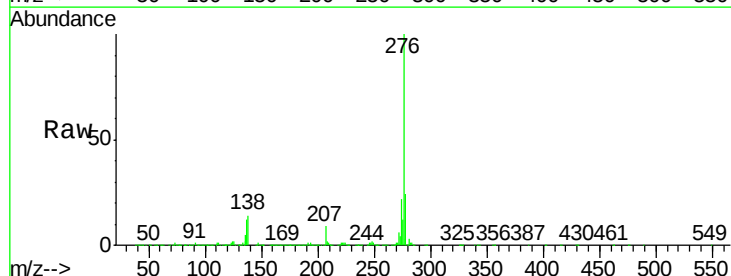
Tgt Ion:276 Resp: 4380880

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 13.5 11.9 17.9



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

