

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012320\
 Data File : BM024604.D
 Acq On : 23 Jan 2020 12:58
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 1/24/2020 1:54:56 PM

Quant Time: Jan 23 13:35:46 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 12:41:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	252107	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	998033	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	706075	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1624970	20.00	ng	0.00
76) Chrysene-d12	21.06	240	1662155	20.00	ng	0.00
87) Perylene-d12	23.16	264	1745565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1554415	109.85	ng	0.00
7) Phenol-d6	6.65	99	2164434	115.04	ng	0.00
23) Nitrobenzene-d5	8.59	82	2458674	118.95	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	1382509	142.37	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	6205105	117.65	ng	0.00
79) Terphenyl-d14	19.50	244	11220761	141.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	304149	50.072	ng	99
3) Pyridine	3.45	79	877515	49.931	ng	100
4) n-Nitrosodimethylamine	3.37	42	393664	41.985	ng	95
6) Aniline	6.79	93	1316792	56.062	ng	99
8) 2-Chlorophenol	7.02	128	889874	56.063	ng	97
9) Benzaldehyde	6.60	77	533048	57.179	ng	99
10) Phenol	6.67	94	1075756	55.833	ng	99
11) bis(2-Chloroethyl)ether	6.89	93	863676	56.197	ng	100
12) 1,3-Dichlorobenzene	7.34	146	1074754	54.422	ng	98
13) 1,4-Dichlorobenzene	7.48	146	1086375	54.423	ng	100
14) 1,2-Dichlorobenzene	7.79	146	1057873	54.743	ng	99
15) Benzyl Alcohol	7.69	79	894919	60.560	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	785790	39.119	ng	98
17) 2-Methylphenol	7.90	107	763484	57.959	ng	98
18) Hexachloroethane	8.51	117	420061	56.820	ng	99
19) n-Nitroso-di-n-propylamine	8.26	70	803361	59.407	ng	97
20) 3+4-Methylphenols	8.23	107	1054501	58.603	ng	99
22) Acetophenone	8.26	105	1543823	55.342	ng	99
24) Nitrobenzene	8.63	77	1163262	57.432	ng	100
25) Isophorone	9.16	82	2085739	60.229	ng	99
26) 2-Nitrophenol	9.33	139	562562	79.346	ng	98
27) 2,4-Dimethylphenol	9.41	122	747584	61.178	ng	97
28) bis(2-Chloroethoxy)methane	9.65	93	1268871	59.717	ng	99
29) 2,4-Dichlorophenol	9.86	162	1014178	63.219	ng	99
30) 1,2,4-Trichlorobenzene	10.07	180	1200229	61.397	ng	99
31) Naphthalene	10.26	128	3031507	56.238	ng	99
32) Benzoic acid	9.60	122	722160m	91.912	ng	
33) 4-Chloroaniline	10.37	127	1345085	56.282	ng	99
34) Hexachlorobutadiene	10.56	225	820535	63.554	ng	99
35) Caprolactam	11.17	113	329014m	67.277	ng	
36) 4-Chloro-3-methylphenol	11.52	107	1071745	63.725	ng	97
37) 2-Methylnaphthalene	11.88	142	2347646	59.448	ng	99
38) 1-Methylnaphthalene	12.10	142	2231845	59.321	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1514980	61.416	ng	100

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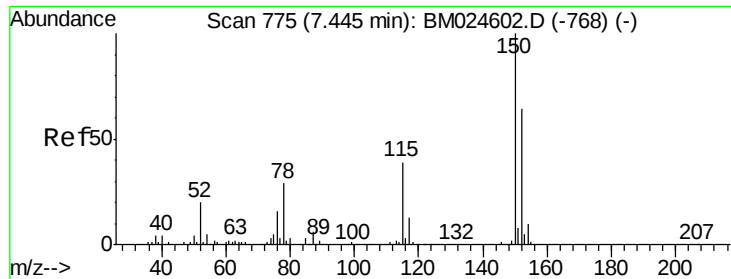
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	853508	62.676	nq	99
43) 2,4,6-Trichlorophenol	12.51	196	966966	68.823	nq	100
44) 2,4,5-Trichlorophenol	12.58	196	999002	66.067	nq	99
46) 1,1'-Biphenyl	12.92	154	3205697	56.487	nq	100
47) 2-Chloronaphthalene	12.96	162	2594755	56.411	nq	100
48) 2-Nitroaniline	13.16	65	798895	57.230	nq	98
49) Acenaphthylene	13.81	152	3886535	55.808	nq	100
50) Dimethylphthalate	13.57	163	3401520	58.116	nq	100
51) 2,6-Dinitrotoluene	13.68	165	729673	58.450	nq	96
52) Acenaphthene	14.16	154	2400697	56.379	nq	99
53) 3-Nitroaniline	14.01	138	762473	55.956	nq	98
54) 2,4-Dinitrophenol	14.22	184	464406	92.006	nq	98
55) Dibenzofuran	14.50	168	3898487	56.564	nq	100
56) 4-Nitrophenol	14.33	139	606019	59.896	nq	100
57) 2,4-Dinitrotoluene	14.47	165	1053847	59.133	nq	99
58) Fluorene	15.15	166	3307153	56.906	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.73	232	1000894	71.156	nq	99
60) Diethylphthalate	14.96	149	3466098	57.384	nq	99
61) 4-Chlorophenyl-phenylether	15.16	204	1891772	59.558	nq	100
62) 4-Nitroaniline	15.19	138	849393	55.109	nq	98
63) Azobenzene	15.45	77	2963124	54.737	nq	100
65) 4,6-Dinitro-2-methylphenol	15.24	198	601205	86.484	nq	98
66) n-Nitrosodiphenylamine	15.37	169	2827964	58.850	nq	99
67) 4-Bromophenyl-phenylether	16.05	248	1223401	62.393	nq	99
68) Hexachlorobenzene	16.16	284	1381369	60.486	nq	98
69) Atrazine	16.34	200	1088601	82.200	nq	99
70) Pentachlorophenol	16.50	266	868246	75.305	nq	100
71) Phenanthrene	16.89	178	5289094	57.060	nq	99
72) Anthracene	16.98	178	5188974	57.122	nq	100
73) Carbazole	17.25	167	4726098	55.655	nq	100
74) Di-n-butylphthalate	17.84	149	6076975	62.033	nq	100
75) Fluoranthene	18.92	202	6648855	60.019	nq	100
77) Benzidine	19.11	184	1903494	78.259	nq	99
78) Pyrene	19.28	202	6744073	61.565	nq	99
80) Butylbenzylphthalate	20.22	149	2864096	78.459	nq	99
81) Benzo(a)anthracene	21.04	228	7005610	61.166	nq	99
82) 3,3'-Dichlorobenzidine	20.98	252	2541828	72.753	nq	100
83) Chrysene	21.09	228	6676876	61.650	nq	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	4186135	69.191	nq	100
85) Di-n-octyl phthalate	21.86	149	6953748	74.128	nq	100
86) Indeno(1,2,3-cd)pyrene	25.25	276	6751522	62.804	nq	98
88) Benzo(b)fluoranthene	22.55	252	6904775	58.462	nq	100
89) Benzo(k)fluoranthene	22.59	252	6840525	60.281	nq	99
90) Benzo(a)pyrene	23.08	252	6310184	59.980	nq	99
91) Dibenzo(a,h)anthracene	25.26	278	5706675	60.844	nq	100
92) Benzo(g,h,i)perylene	25.87	276	5079659	59.938	nq	99

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



#1

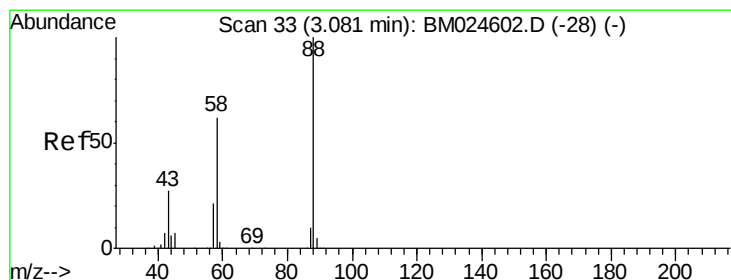
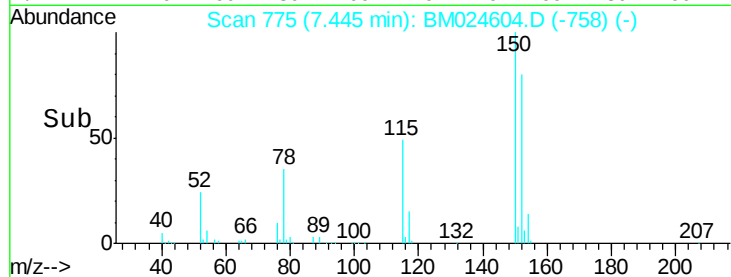
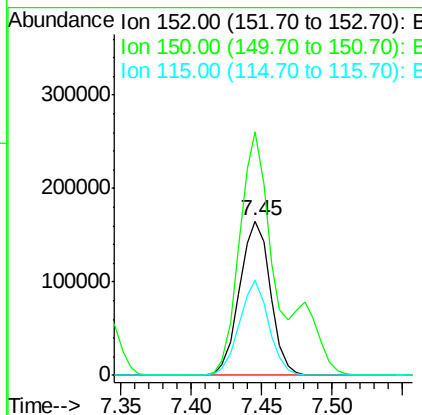
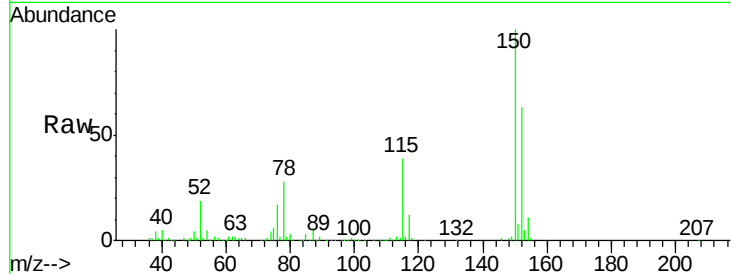
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.4
115	61.1	48.6	72.8

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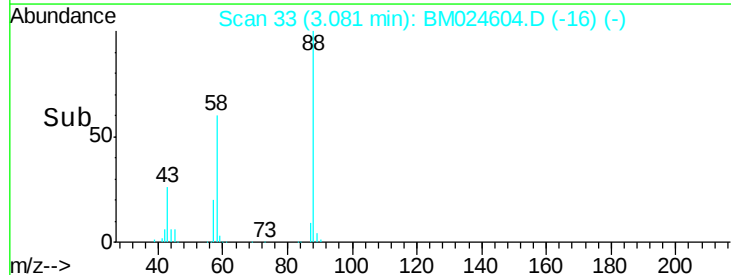
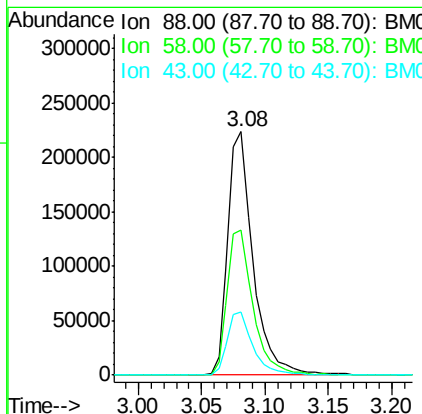
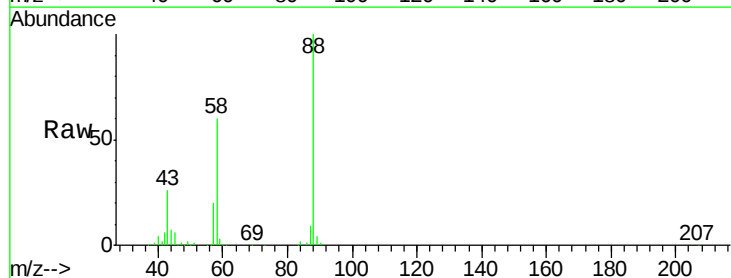
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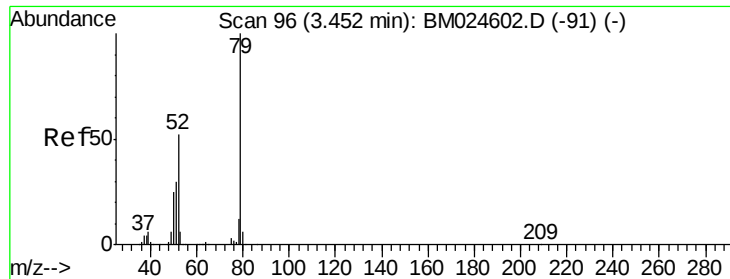


#2

1,4-Dioxane
Concen: 50.072 ng
RT: 3.08 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	50.0	75.0
43	26.5	21.6	32.4





#3

Pvridine

Concen: 49.931 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

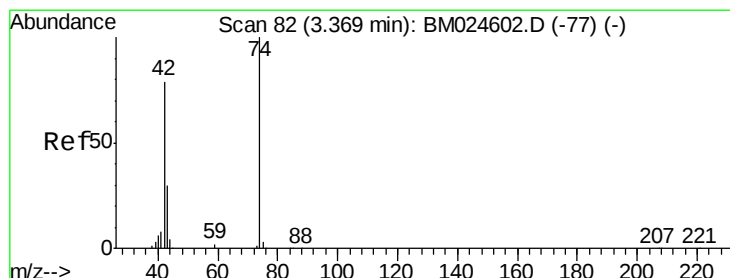
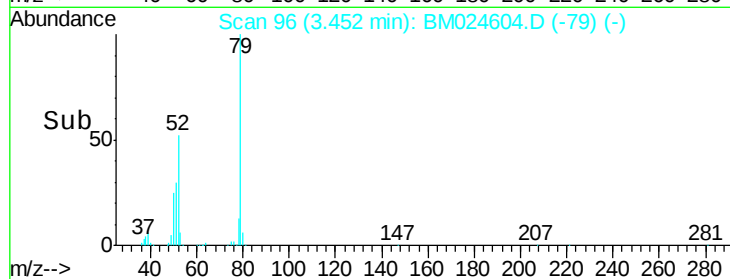
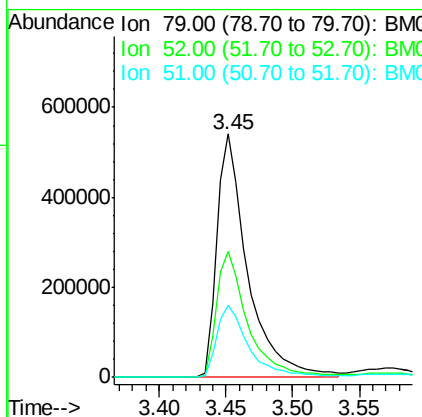
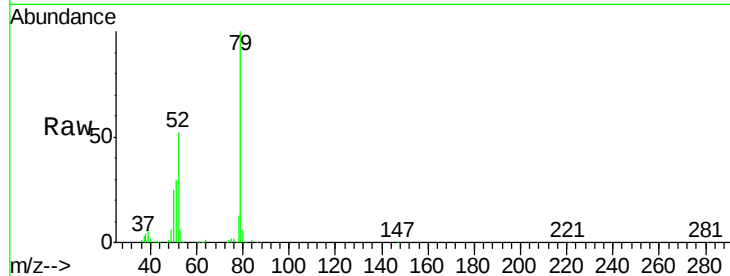
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	877515
Ion	Ratio	Lower	Upper
79	100		
52	51.8	41.4	62.2
51	29.8	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 41.985 ng

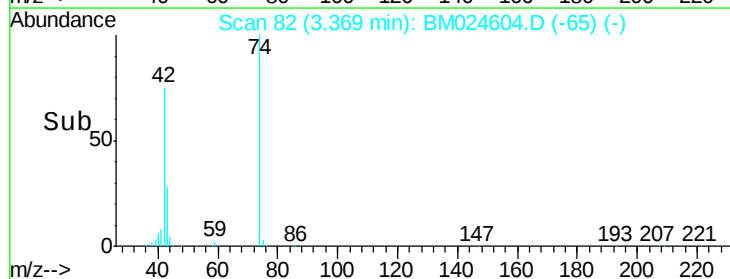
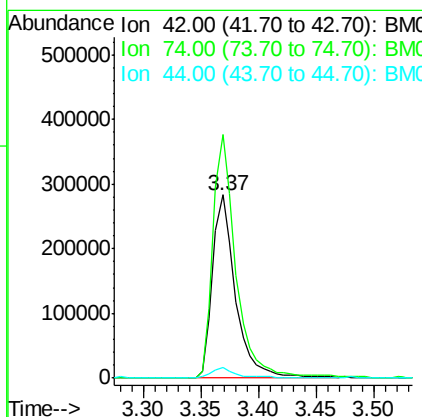
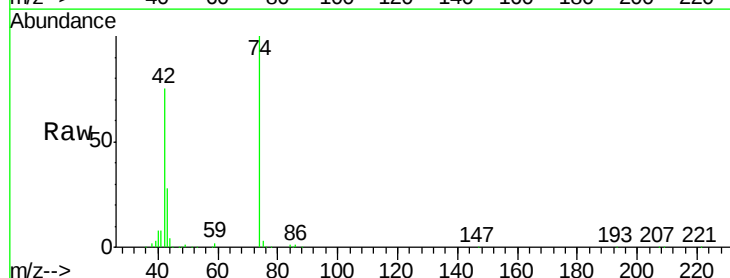
RT: 3.37 min Scan# 82

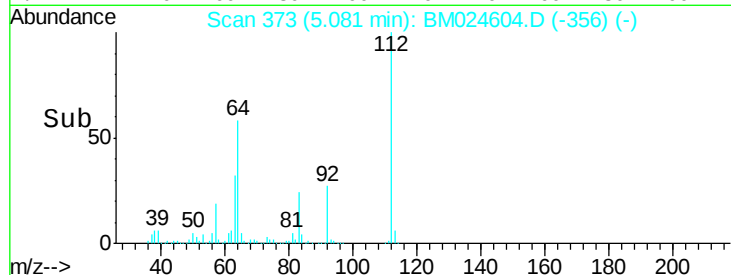
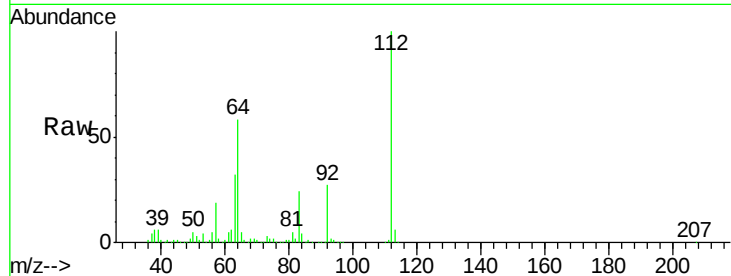
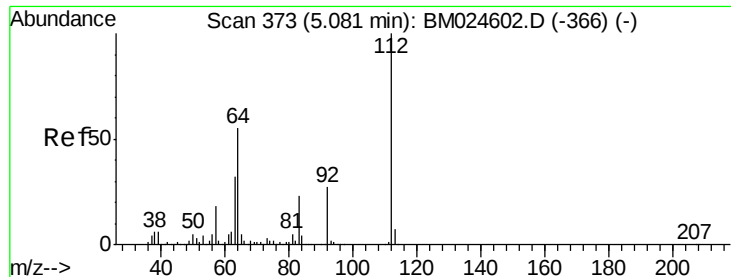
Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:	42	Resp:	393664
Ion	Ratio	Lower	Upper
42	100		
74	132.9	101.4	152.2
44	5.6	4.6	6.8





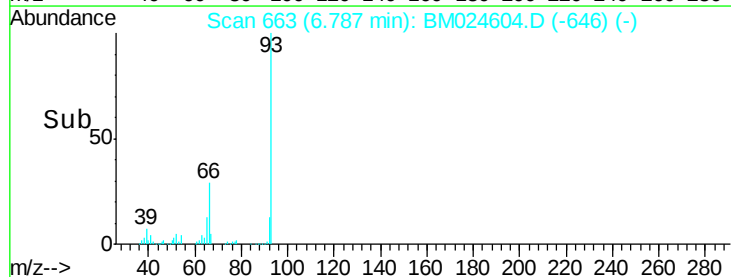
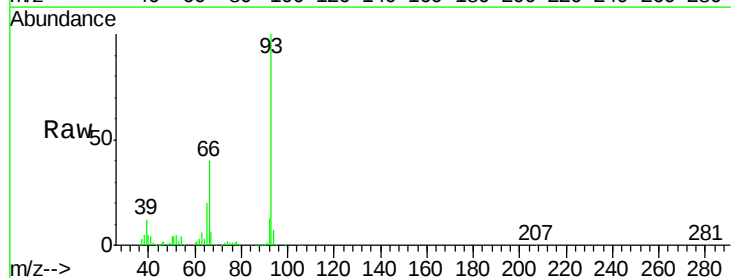
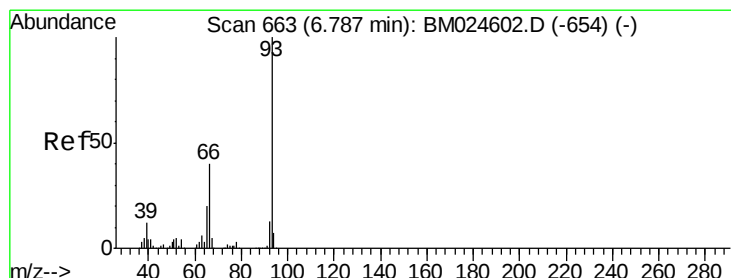
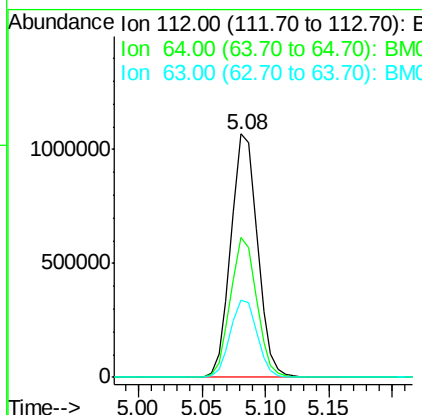
#5
2-Fluorophenol
Concen: 109.847 ng
RT: 5.08 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tot Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.2	66.4
63	31.9	25.9	38.9

Instrument :
BNA_M
ClientSampleId :
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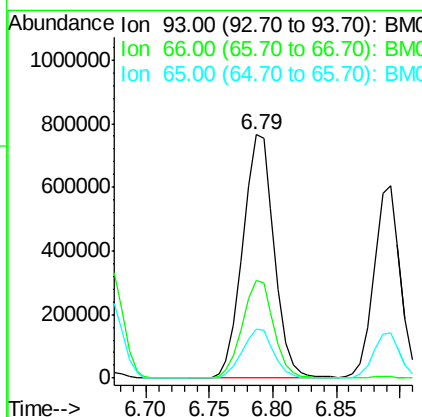
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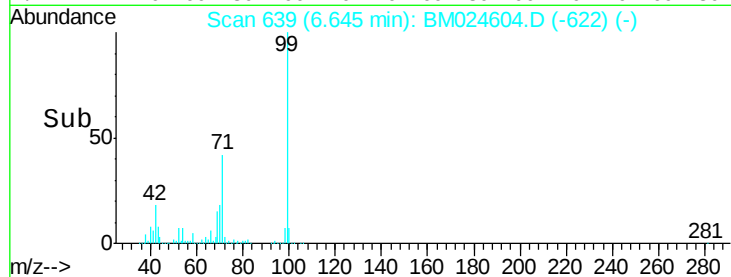
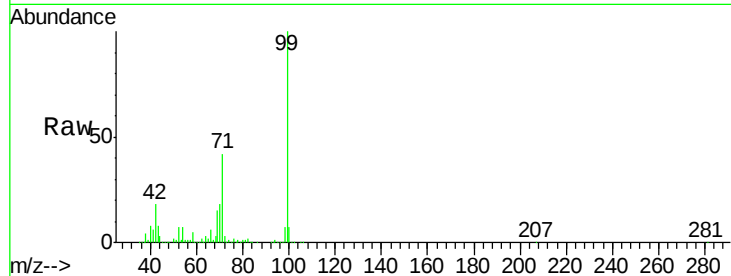
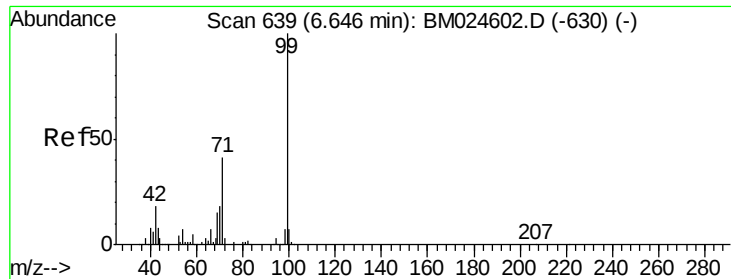
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#6
Aniline
Concen: 56.062 ng
RT: 6.79 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.3	31.8	47.8
65	20.2	15.8	23.6





#7

Phenol-d6

Concen: 115.039 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tot Ion: 99 Resp: 2164434

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 42.1 33.0 49.6

Instrument :

BNA_M

ClientSampleId :

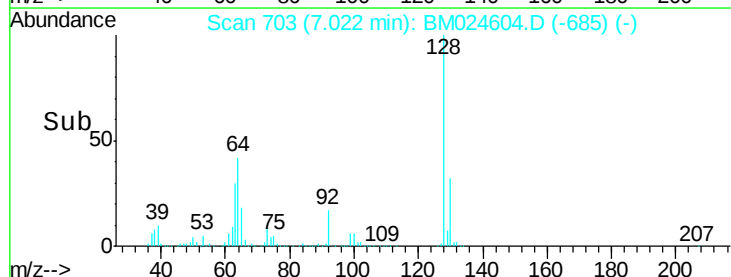
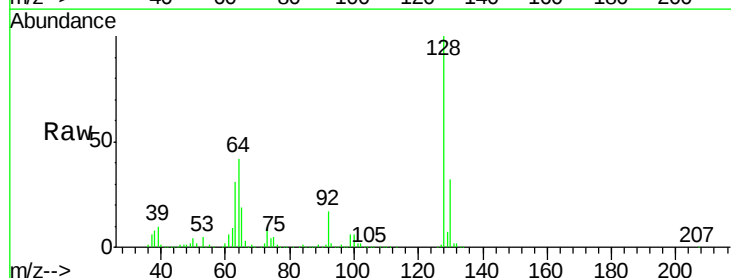
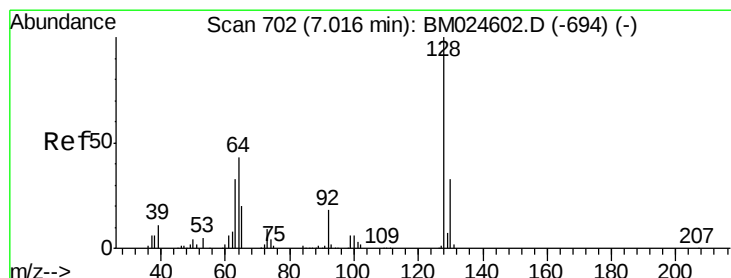
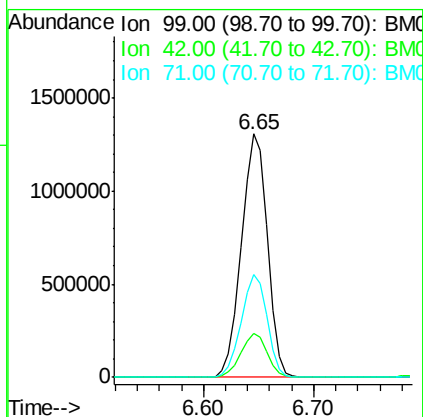
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#8

2-Chlorophenol

Concen: 56.063 ng

RT: 7.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

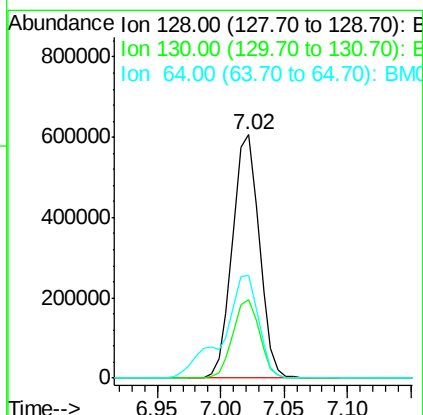
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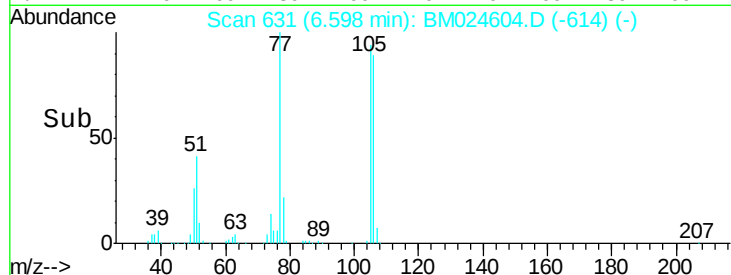
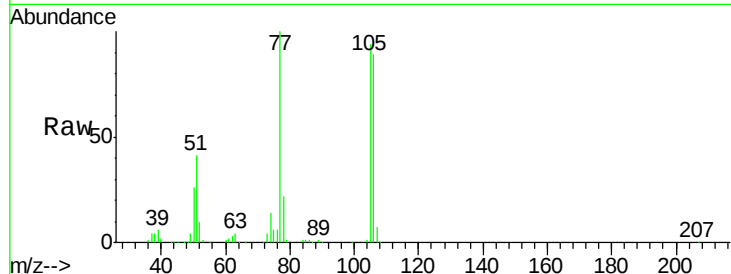
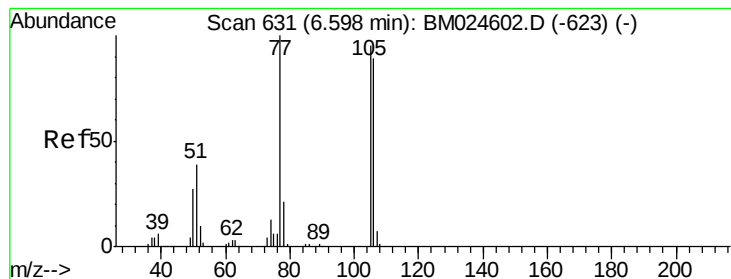
Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

64 42.4 26.1 66.1





#9

Benzaldehyde

Concen: 57.179 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tot Ion:	77	Resp:	533048
Ion	Ratio	Lower	Upper
77	100		
105	94.3	75.2	115.2
106	89.3	68.6	108.6

Instrument :

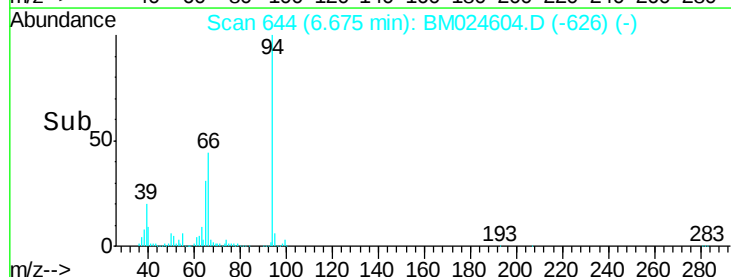
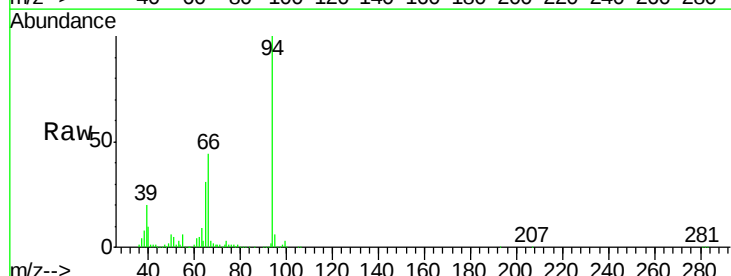
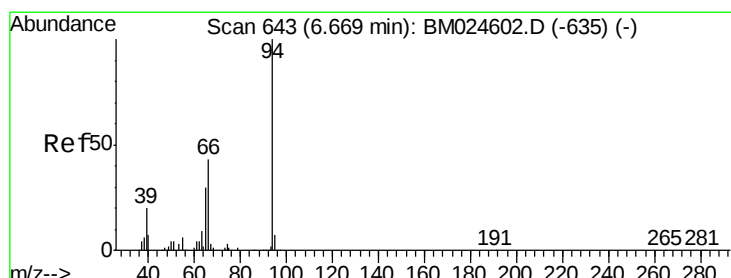
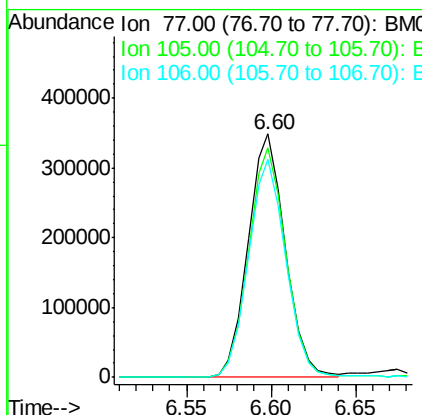
BNA_M

ClientSampleId :

SSTDICC060

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#10

Phenol

Concen: 55.833 ng

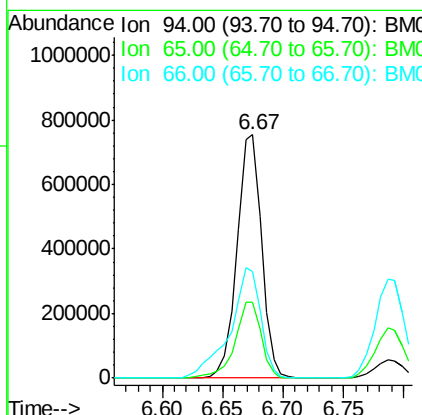
RT: 6.67 min Scan# 644

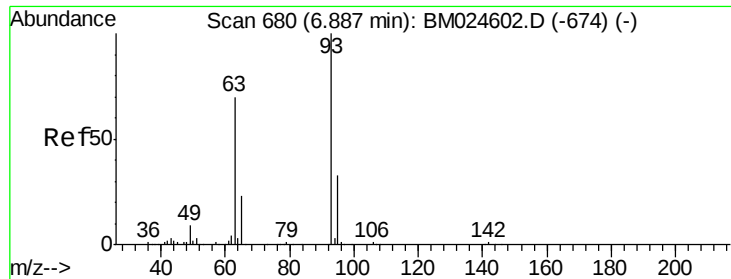
Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:	94	Resp:	1075756
Ion	Ratio	Lower	Upper
94	100		
65	31.1	10.3	50.3
66	43.8	24.8	64.8





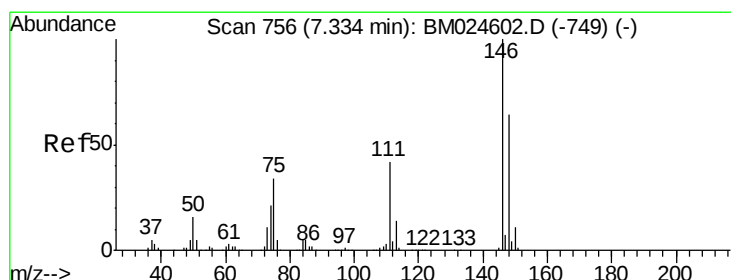
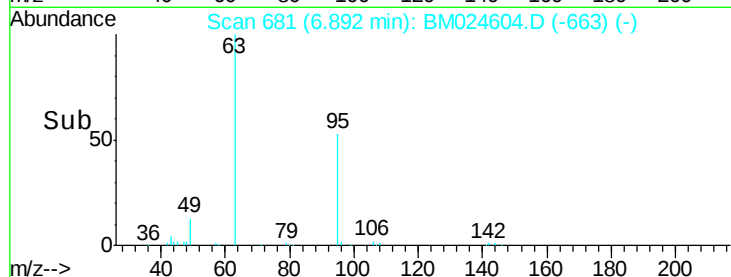
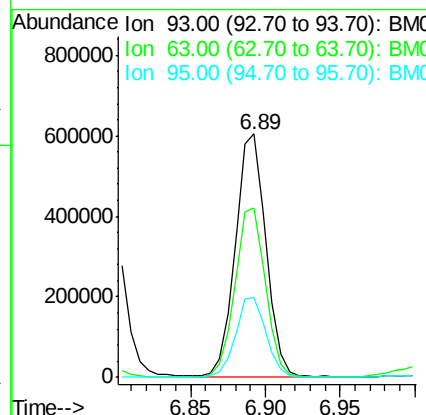
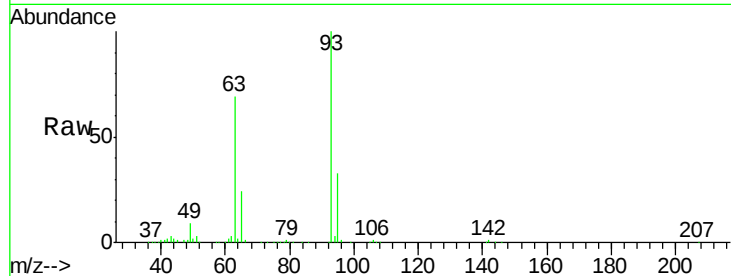
#11
bis(2-Chloroethyl)ether
Concen: 56.197 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	49.6	89.6
95	32.8	12.6	52.6

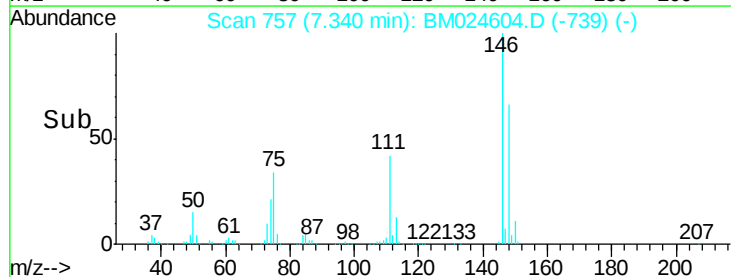
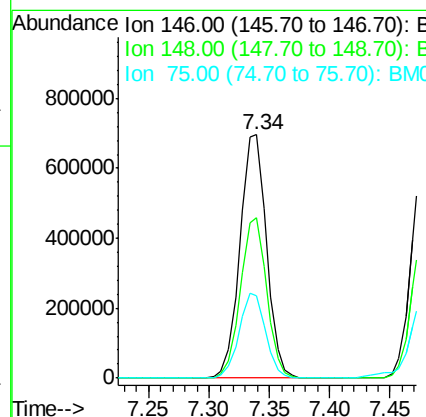
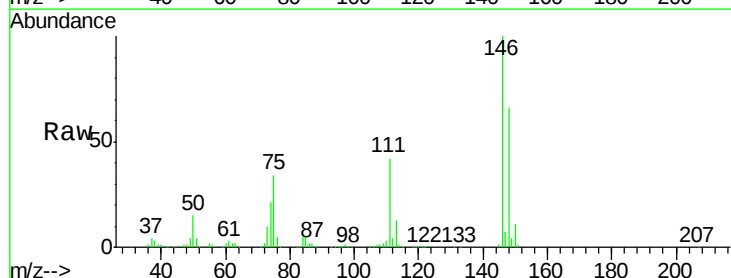
Manual Integrations
APPROVED

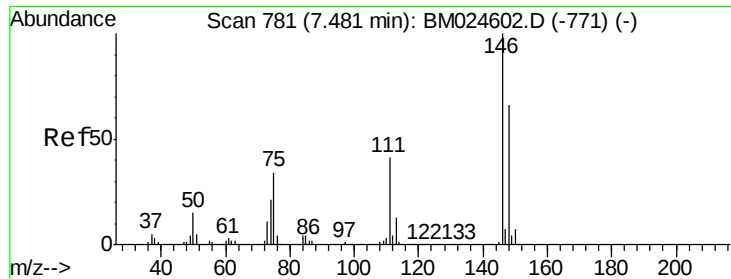
mohammad
1/24/2020 1:54:56 PM



#12
1,3-Dichlorobenzene
Concen: 54.422 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.0	76.6
75	33.8	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 54.423 ng

RT: 7.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:146 Resp: 1086375

Ion Ratio Lower Upper

146 100

148 65.2 52.5 78.7

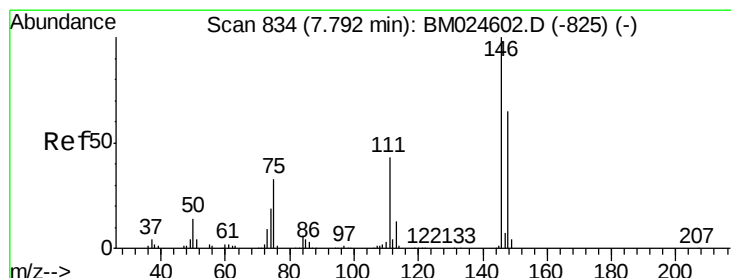
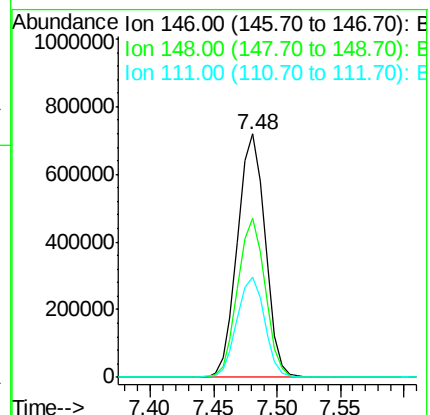
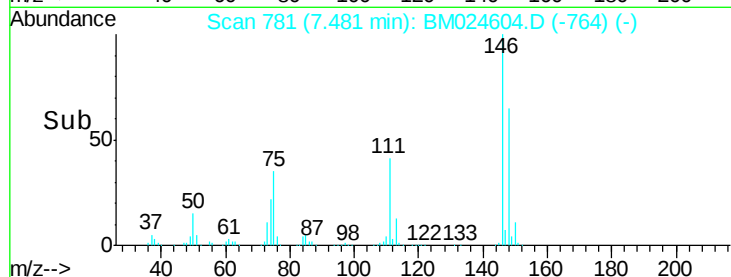
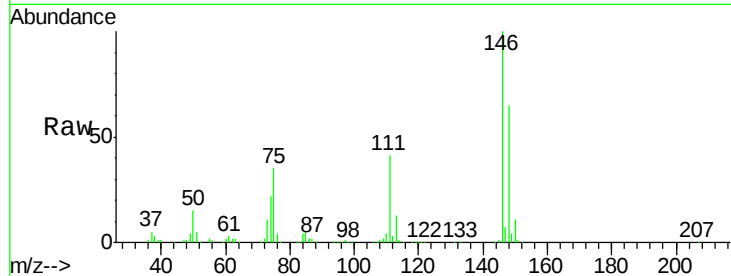
111 41.4 33.0 49.4

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 54.743 ng

RT: 7.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

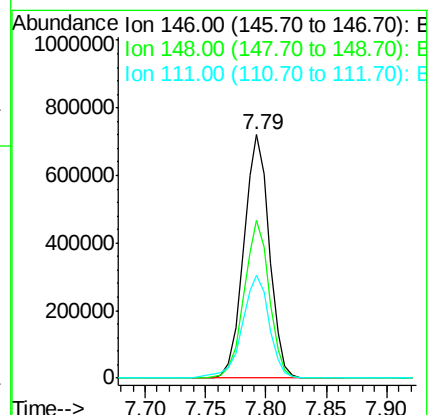
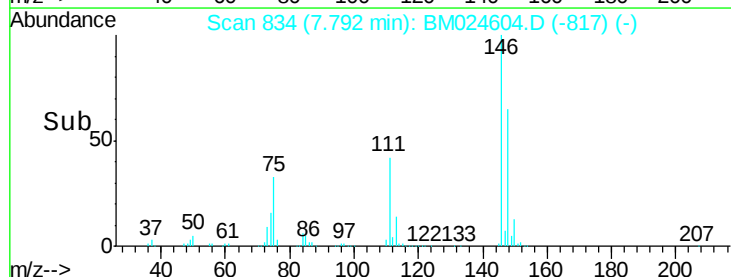
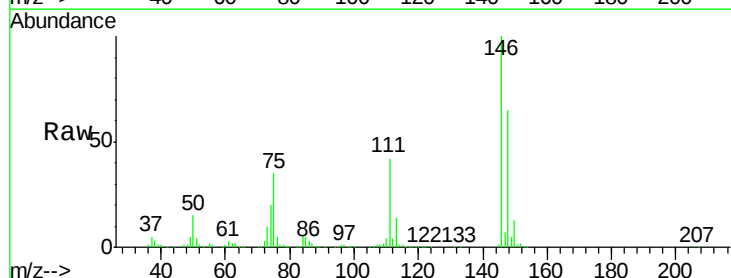
Tgt Ion:146 Resp: 1057873

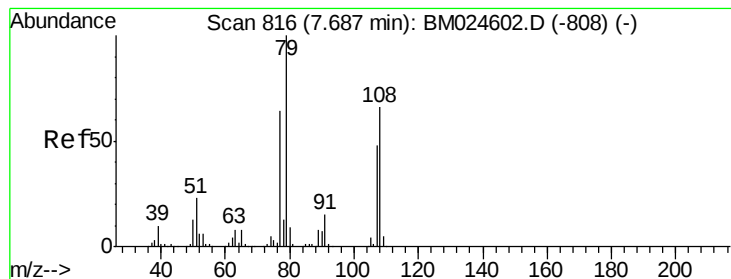
Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

111 42.0 34.5 51.7





#15

Benzyl Alcohol

Concen: 60.560 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

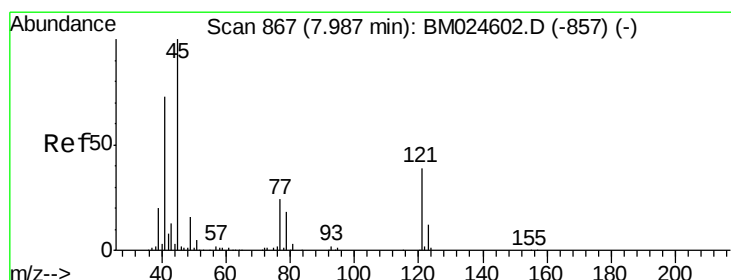
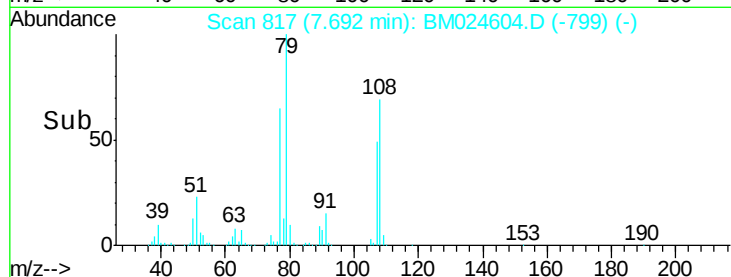
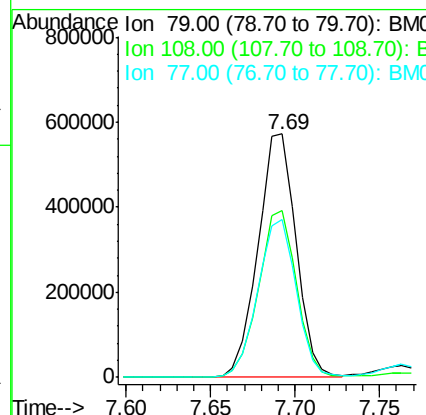
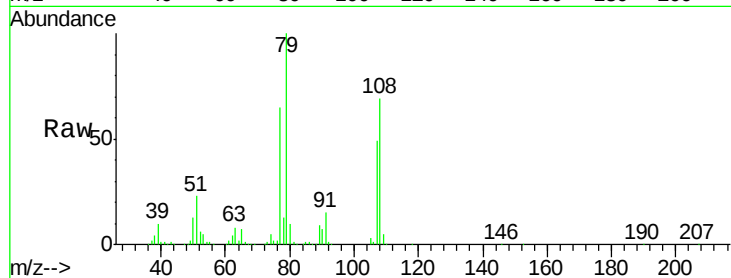
ClientSampleId :

SSTDIC060

Tot Ion	79	Resp	894919
Ion Ratio	Lower	Upper	
79	100		
108	68.8	53.0	79.4
77	65.0	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.119 ng

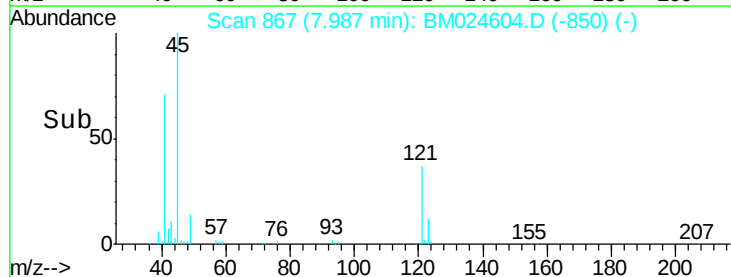
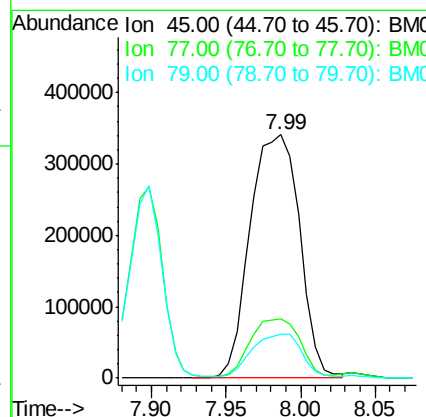
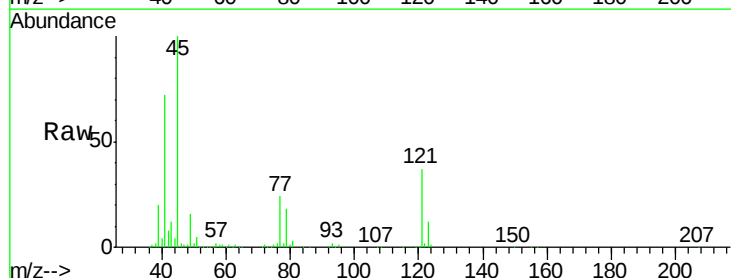
RT: 7.99 min Scan# 867

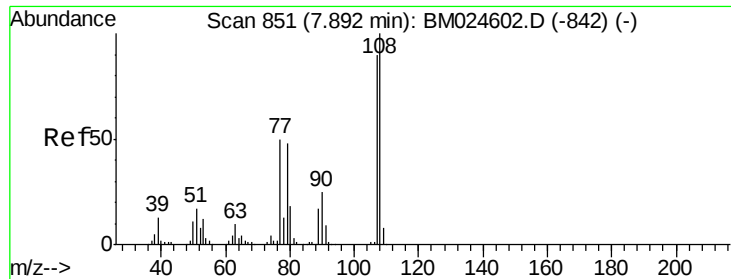
Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion	45	Resp	785790
Ion Ratio	Lower	Upper	
45	100		
77	24.1	5.2	45.2
79	18.1	0.0	39.4





#17

2-Methylphenol

Concen: 57.959 ng

RT: 7.90 min Scan# 852

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

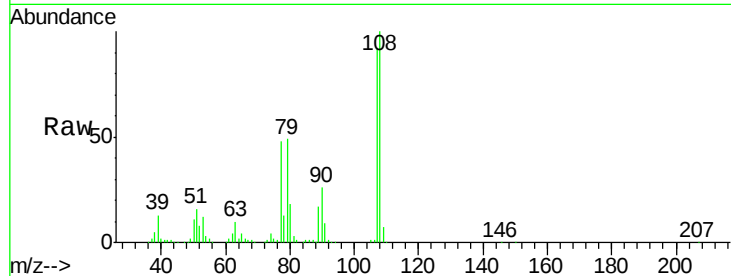
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	88.9	133.3	
77	52.9	44.5	66.7	
79	53.0	42.9	64.3	

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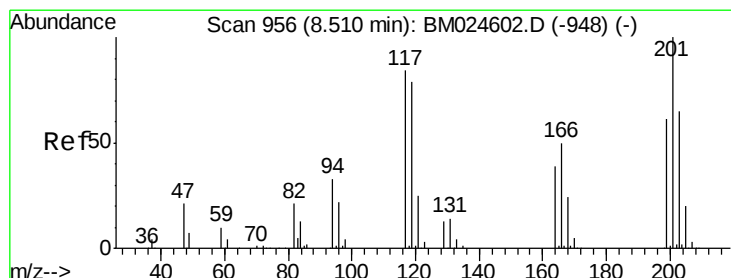
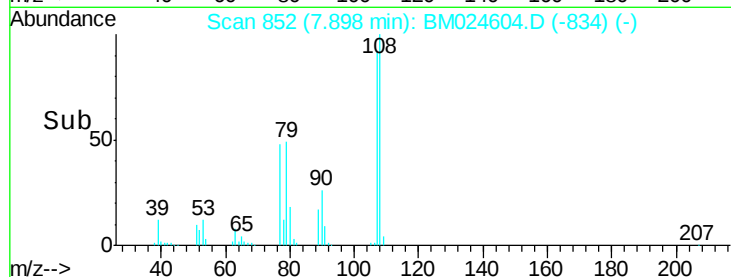
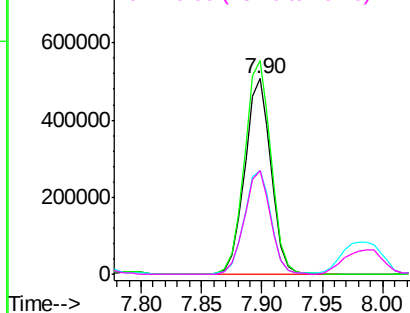
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 56.820 ng

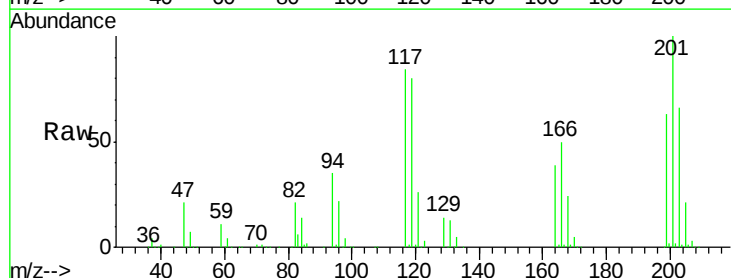
RT: 8.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.4	113.2	
201	119.5	95.8	143.6	

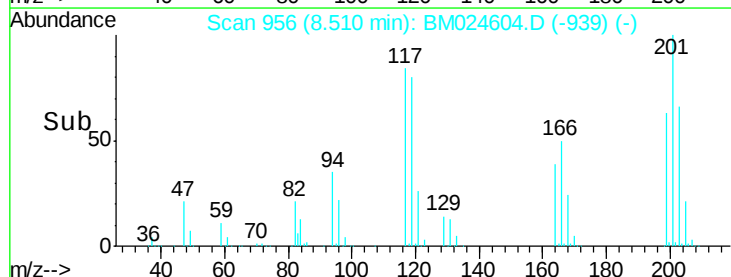
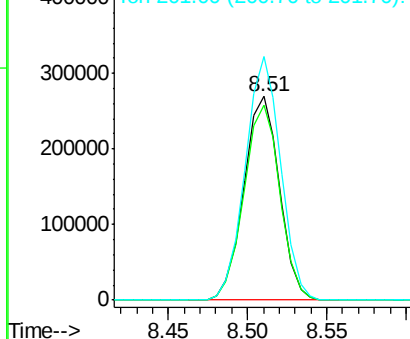


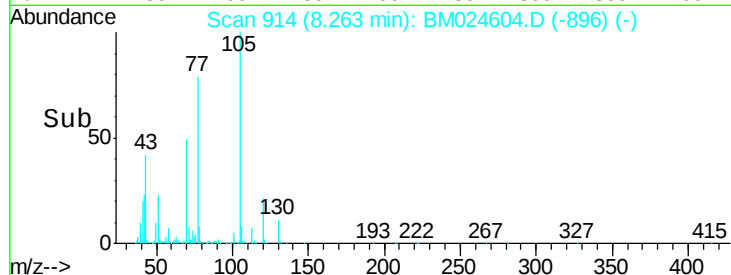
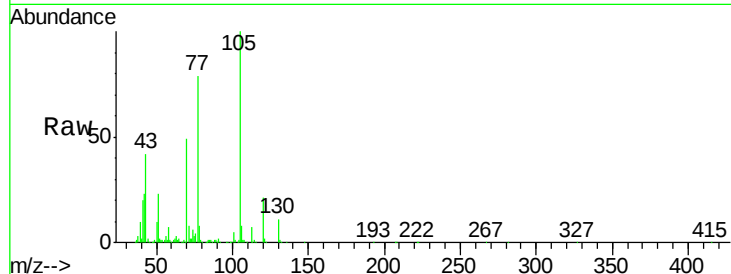
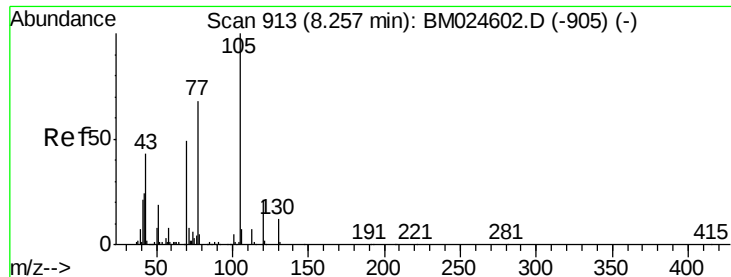
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





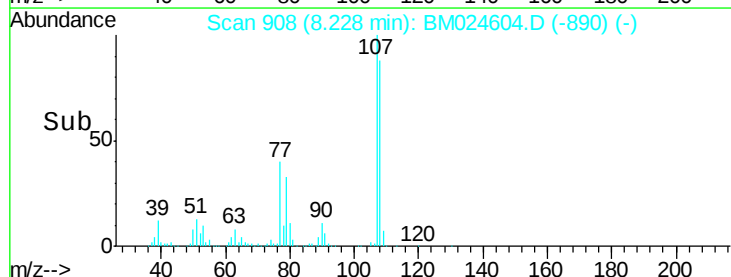
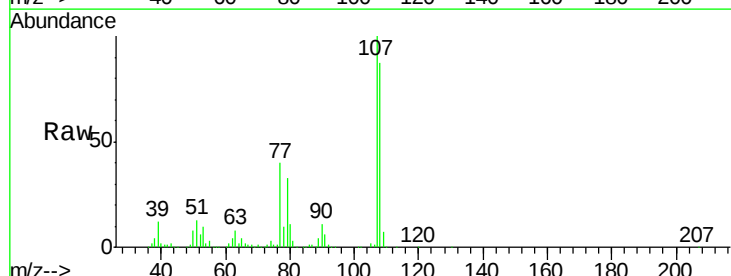
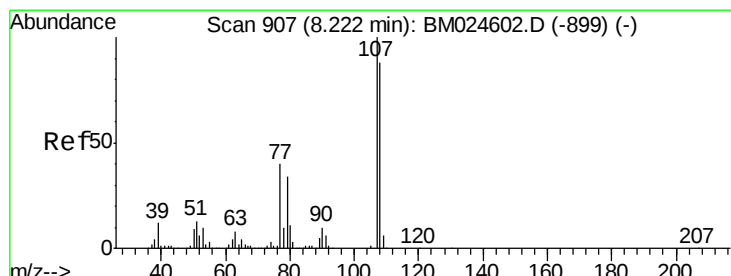
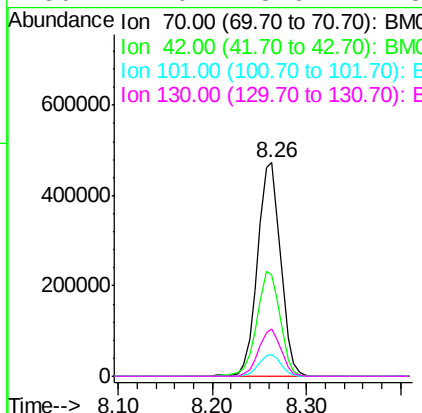
#19
n-Nitroso-di-n-propylamine
Concen: 59.407 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.3	40.0	60.0
101	9.9	8.2	12.2
130	22.0	18.6	27.8

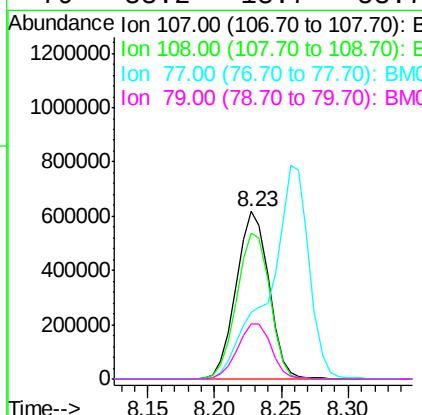
Manual Integrations
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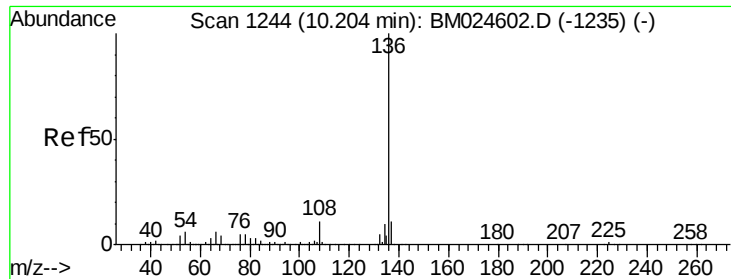
mohammad
1/24/2020 1:54:56 PM



#20
3+4-Methylphenols
Concen: 58.603 ng
RT: 8.23 min Scan# 908
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.0	108.0
77	39.9	19.9	59.9
79	33.2	13.7	53.7





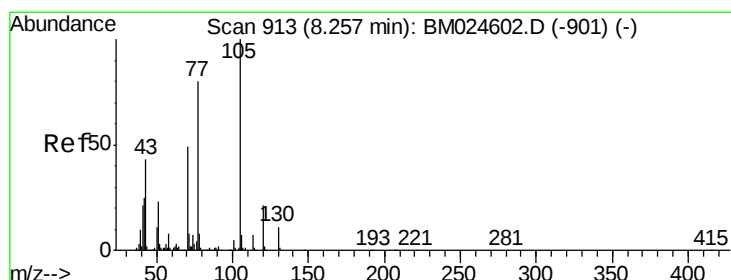
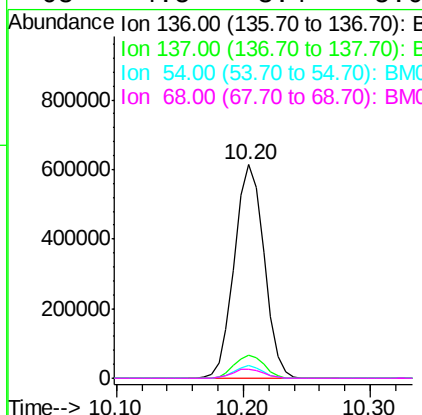
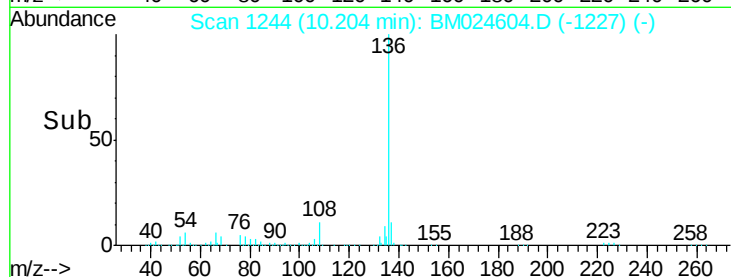
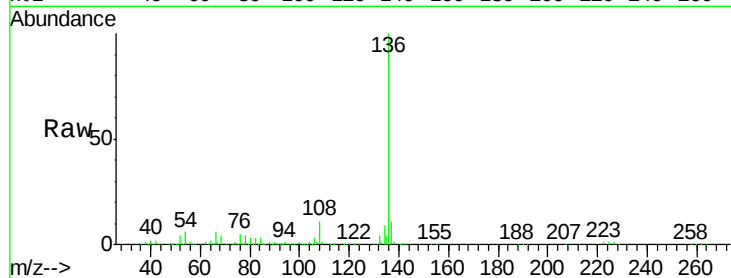
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		998033		
137	10.8	8.6	13.0		
54	5.8	4.5	6.7		
68	4.5	3.4	5.0		

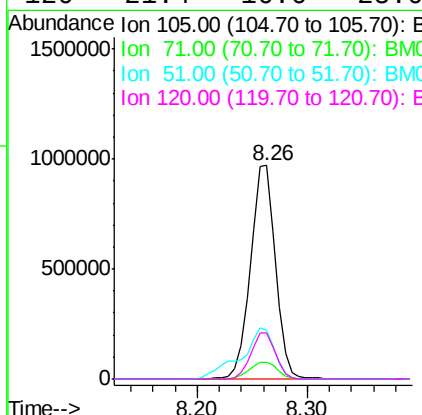
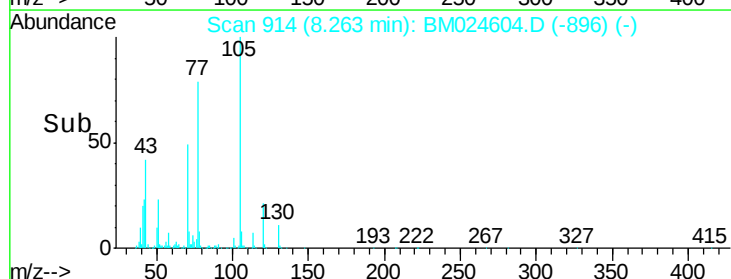
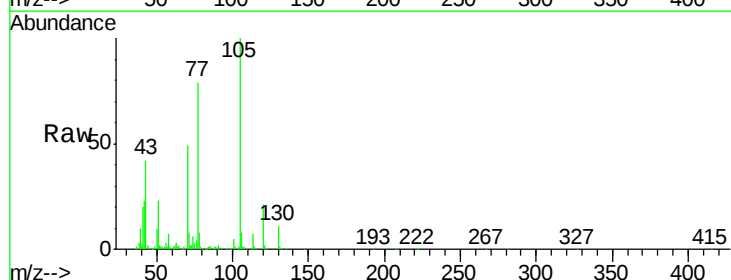
Manual Integrations
APPROVED

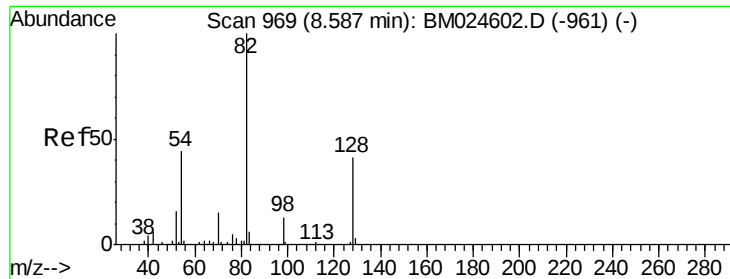
mohammad
1/24/2020 1:54:56 PM



#22
Acetophenone
Concen: 55.342 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1543823		
71	7.8	6.7	10.1		
51	22.8	18.5	27.7		
120	21.4	16.6	25.0		





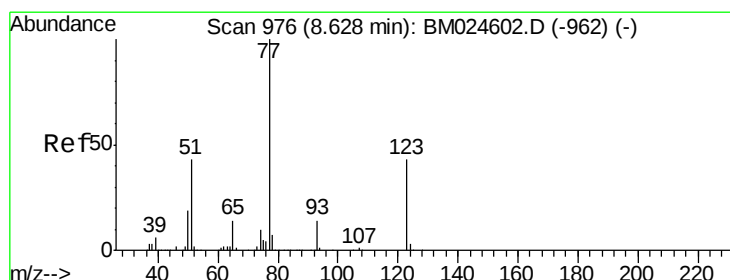
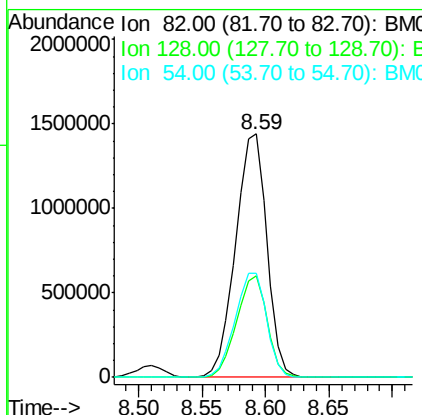
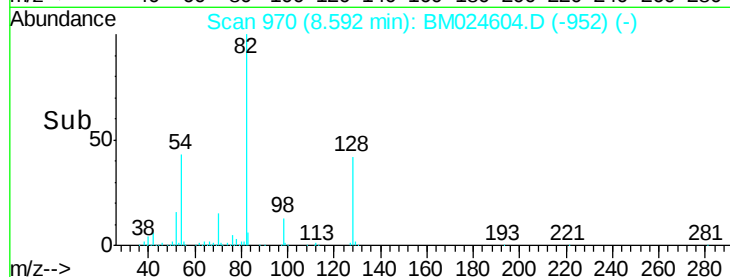
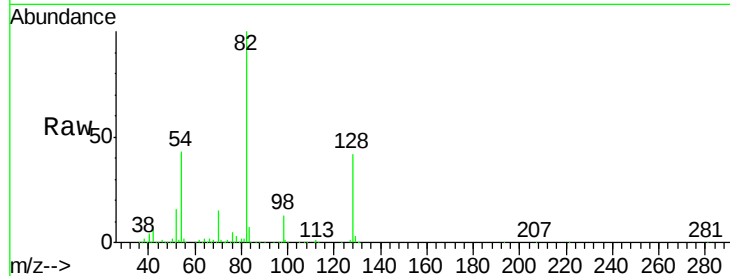
#23
Nitrobenzene-d5
Concen: 118.948 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	48.8
54	42.7	34.8	52.2

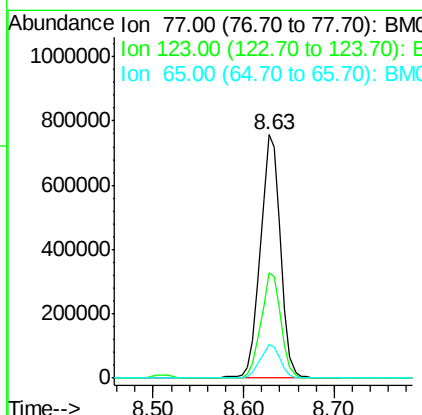
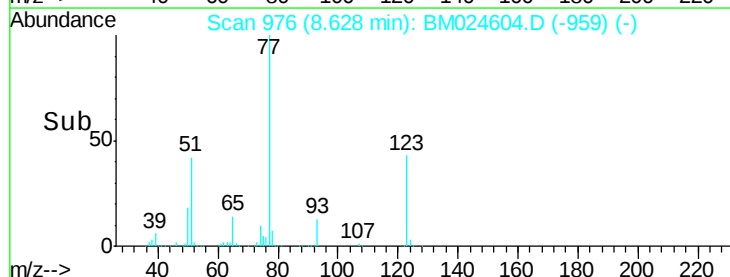
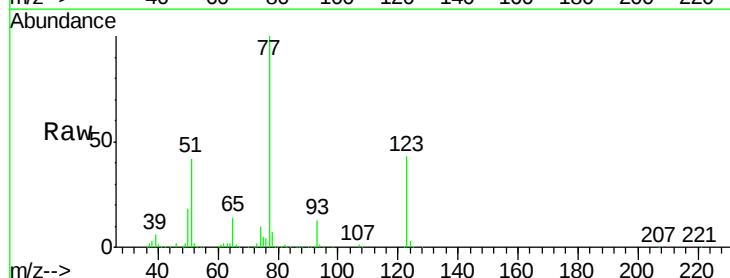
Manual Integrations
APPROVED

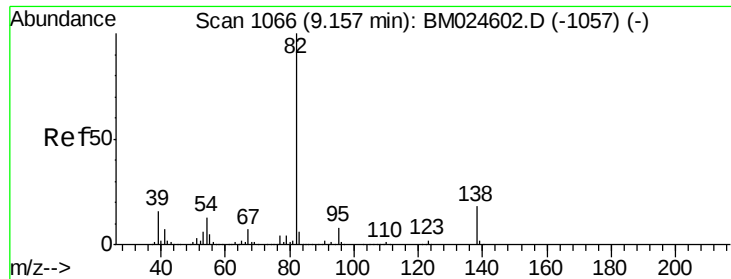
mohammad
1/24/2020 1:54:56 PM



#24
Nitrobenzene
Concen: 57.432 ng
RT: 8.63 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	34.6	52.0
65	13.8	11.0	16.4





#25

Isophorone

Concen: 60.229 ng

RT: 9.16 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 2085739

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

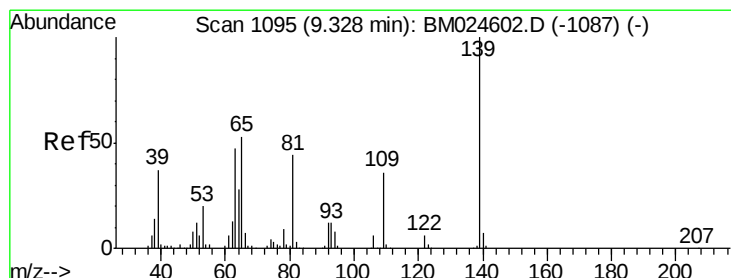
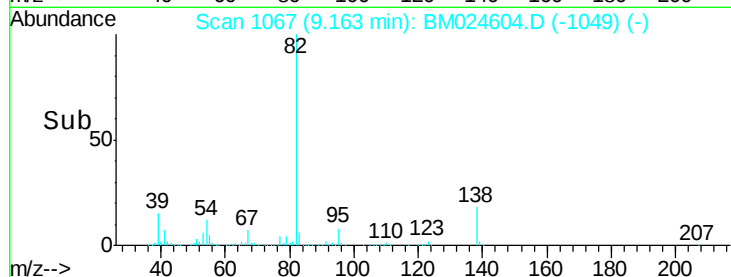
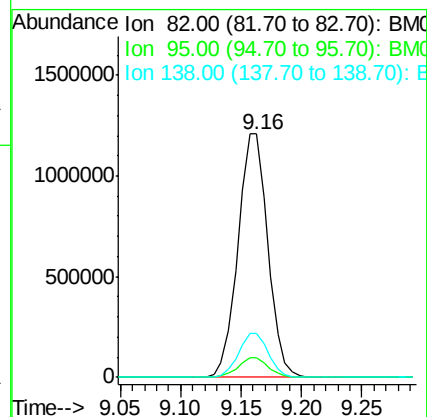
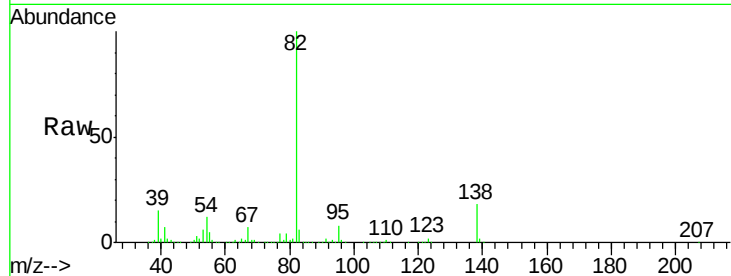
138 18.0 14.7 22.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 79.346 ng

RT: 9.33 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

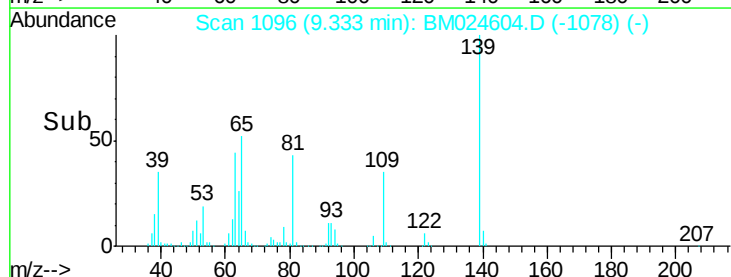
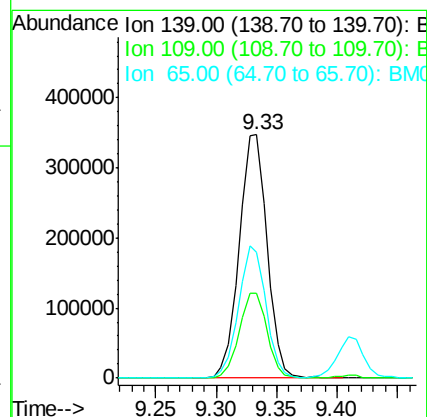
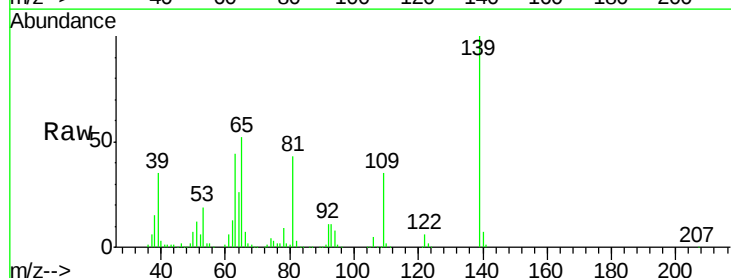
Tgt Ion: 139 Resp: 562562

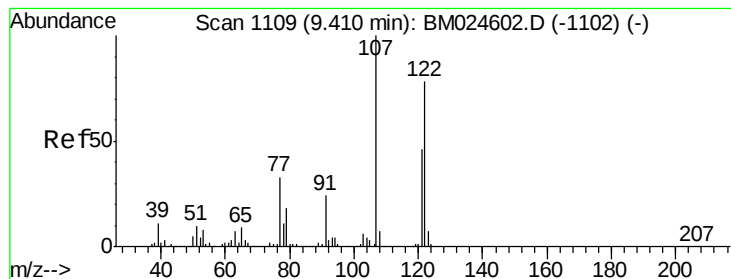
Ion Ratio Lower Upper

139 100

109 35.0 28.8 43.2

65 51.8 42.6 63.8





#27

2,4-Dimethylphenol

Concen: 61.178 ng

RT: 9.41 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

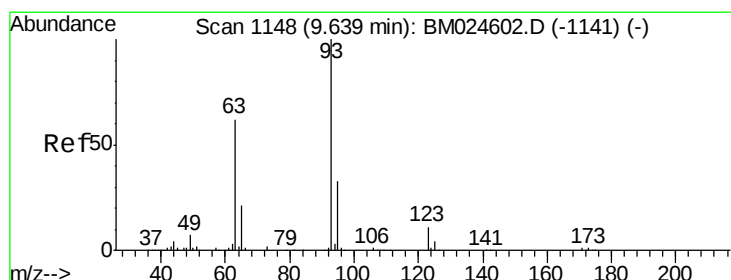
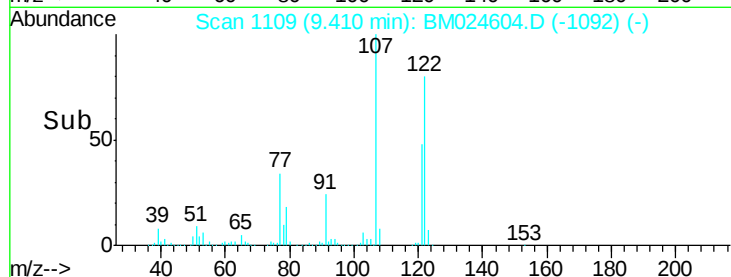
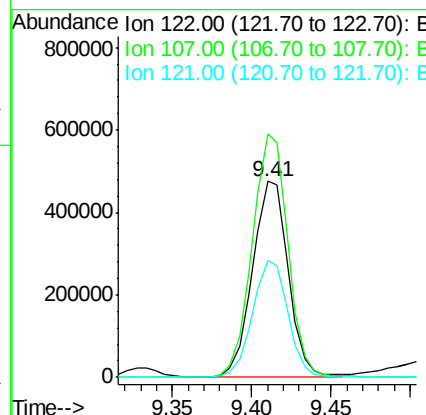
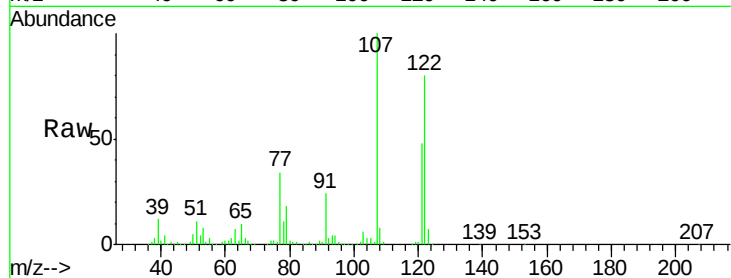
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	124.4	102.5	153.7		
121	59.6	47.0	70.4		

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#28

bis(2-Chloroethoxy)methane

Concen: 59.717 ng

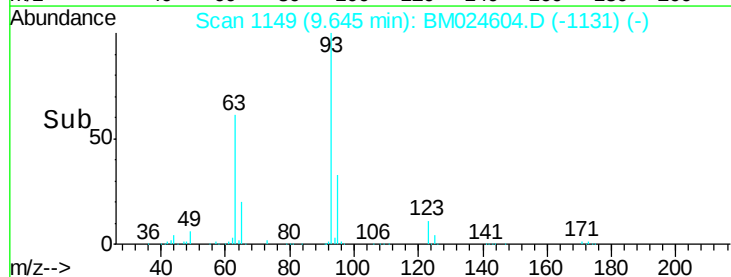
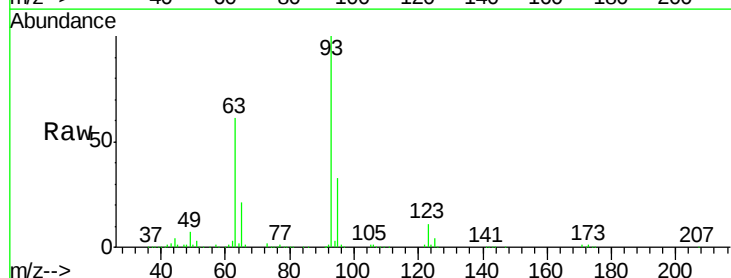
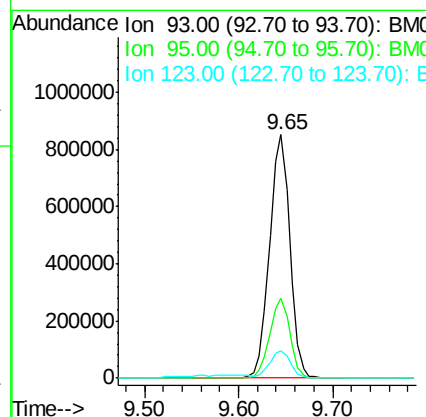
RT: 9.65 min Scan# 1149

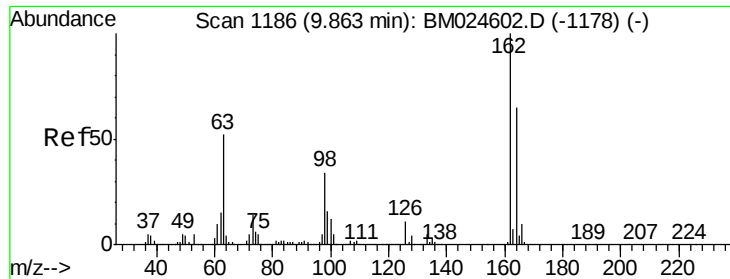
Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.0	26.1	39.1		
123	11.3	8.7	13.1		





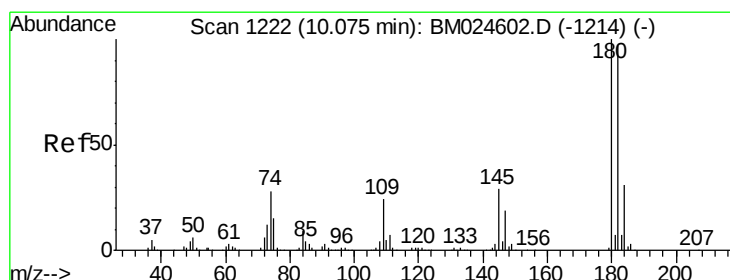
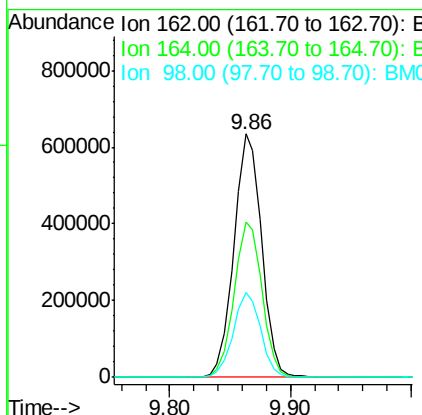
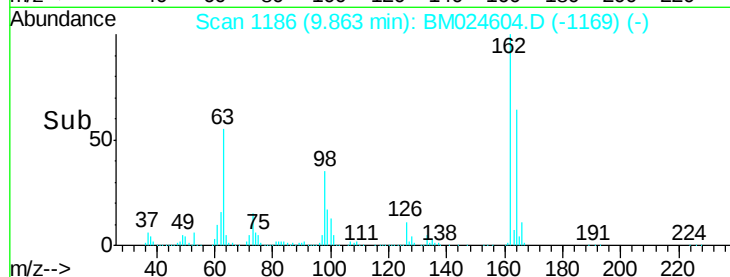
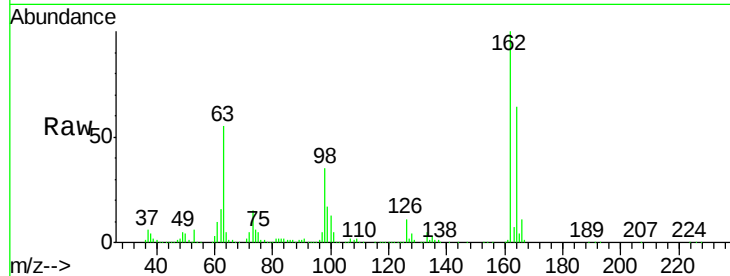
#29
2,4-Dichlorophenol
Concen: 63.219 ng
RT: 9.86 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.5	84.5
98	35.0	14.2	54.2

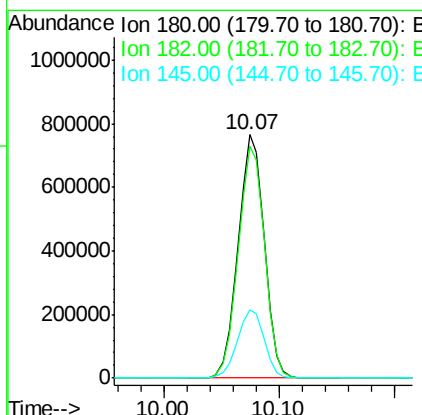
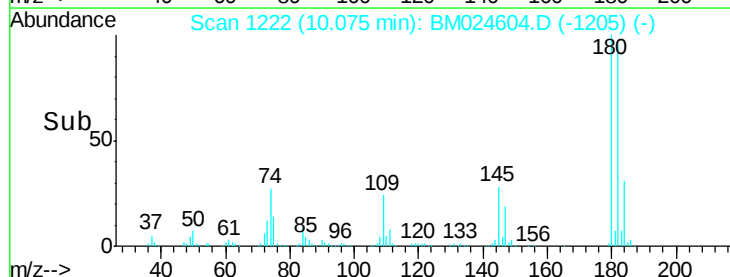
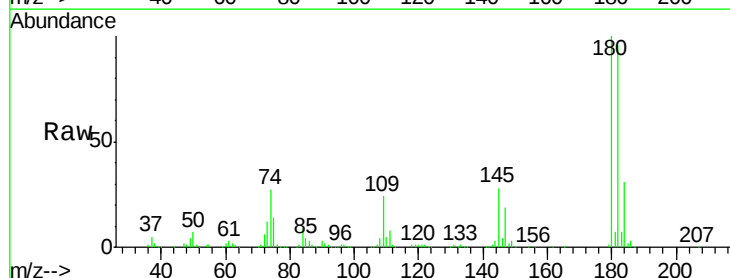
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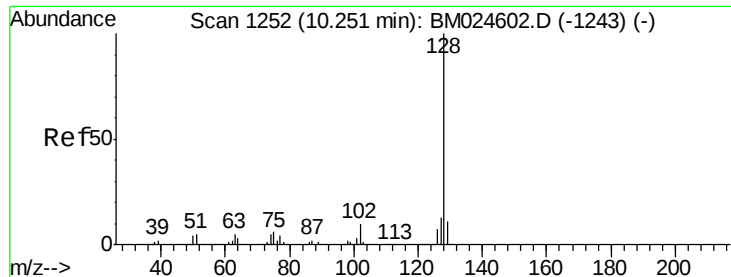
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#30
1,2,4-Trichlorobenzene
Concen: 61.397 ng
RT: 10.07 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.8	116.6
145	28.3	22.9	34.3





#31

Naphthalene

Concen: 56.238 ng

RT: 10.26 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampled :

SSTDIC060

Tot Ion:128 Resp: 3031507

Ion Ratio Lower Upper

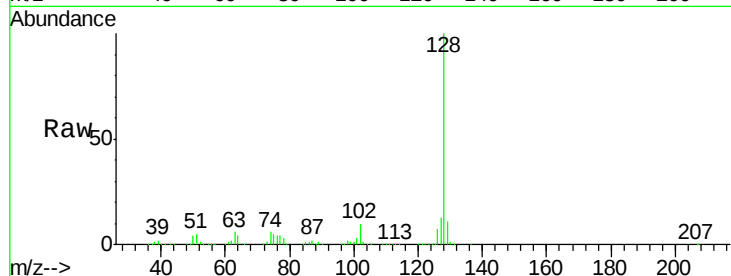
128 100

129 10.7 8.8 13.2

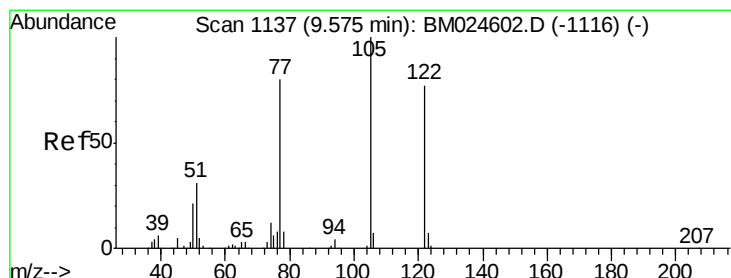
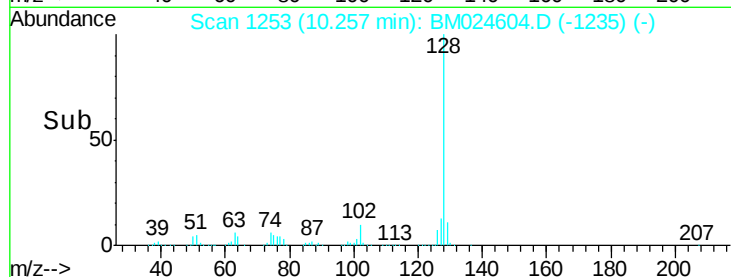
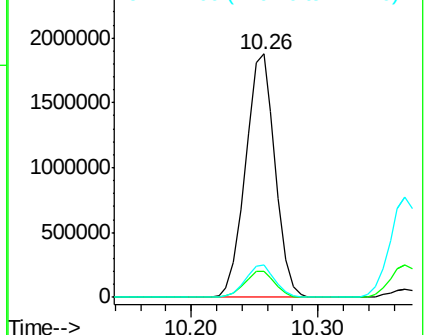
127 13.4 10.6 15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 91.912 ng m

RT: 9.60 min Scan# 1141

Delta R.T. 0.02 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

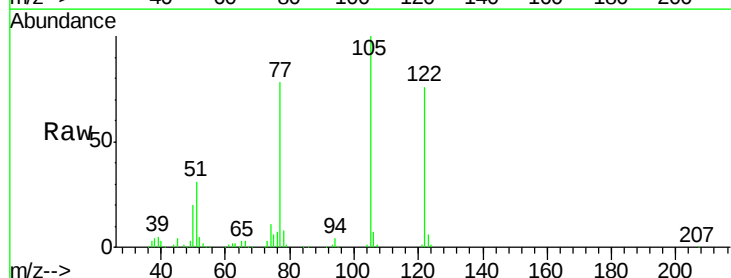
Tgt Ion:122 Resp: 722160

Ion Ratio Lower Upper

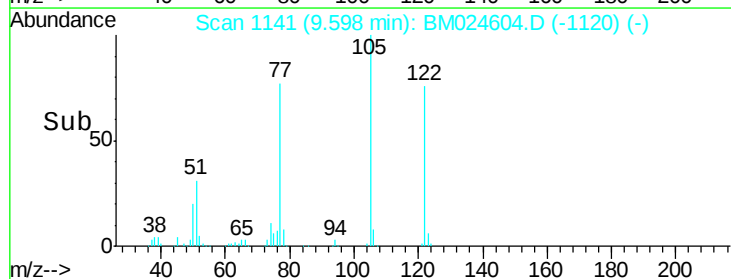
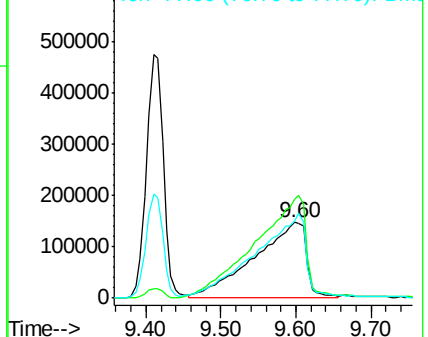
122 100

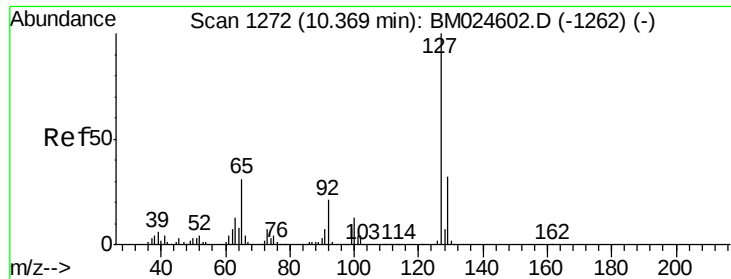
105 131.8 107.7 147.7

77 103.0 83.8 123.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





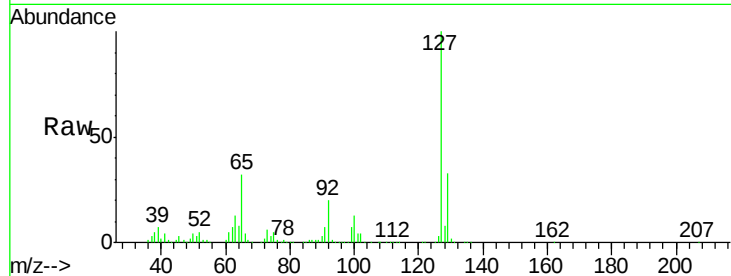
#33
4-Chloroaniline
Concen: 56.282 ng
RT: 10.37 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

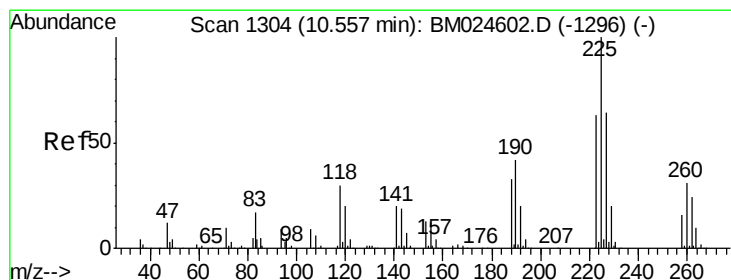
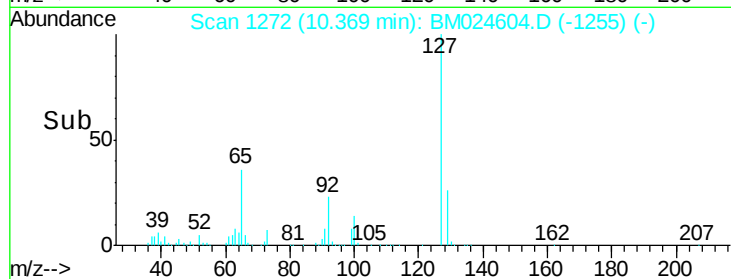
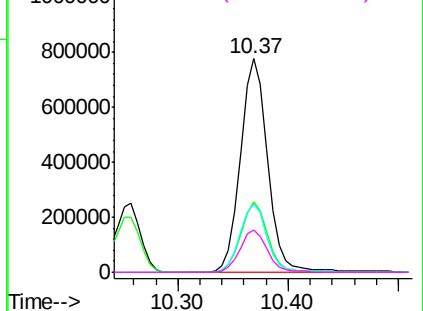
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	31.7	25.1	37.7	
92	20.1	16.6	25.0	

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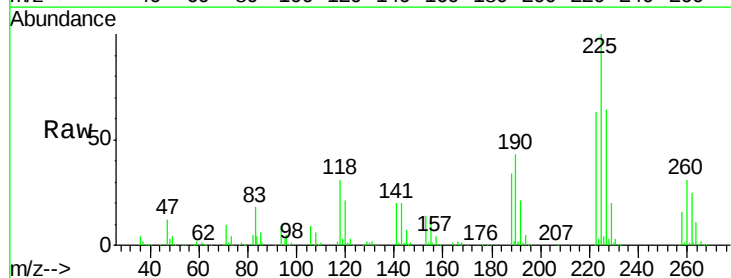


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

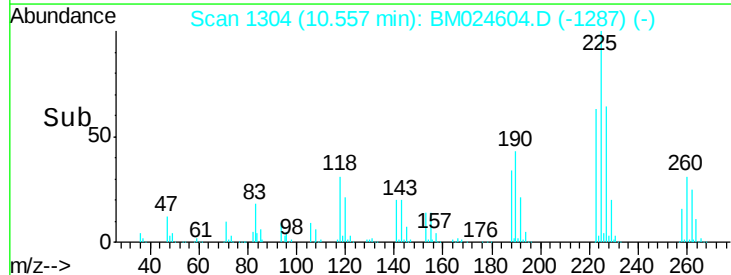
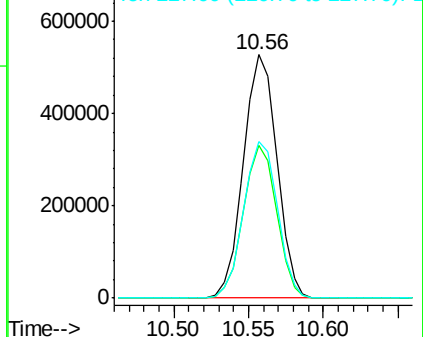


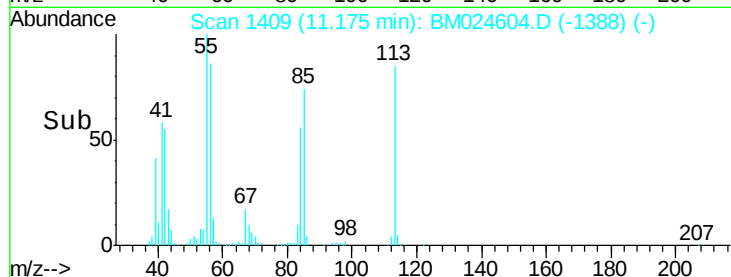
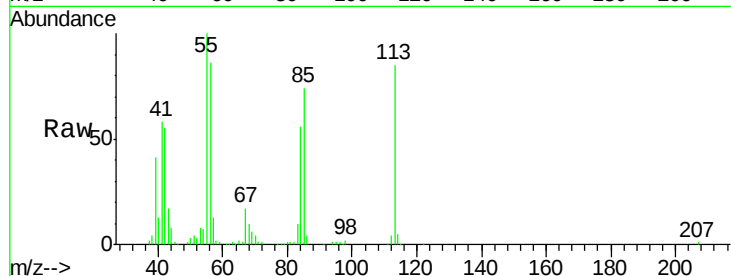
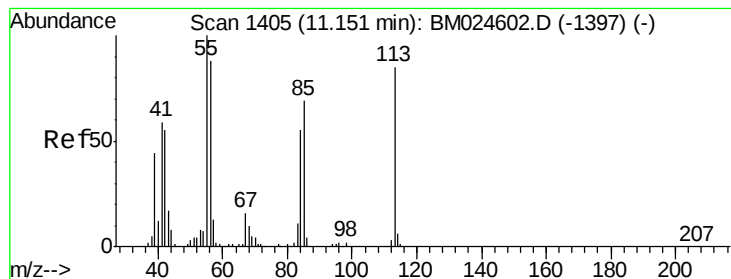
#34
Hexachlorobutadiene
Concen: 63.554 ng
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.8	50.7	76.1	
227	64.5	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: 67.277 ng/mL

RT: 11.17 min Scan# 1409

Delta R.T. 0.02 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

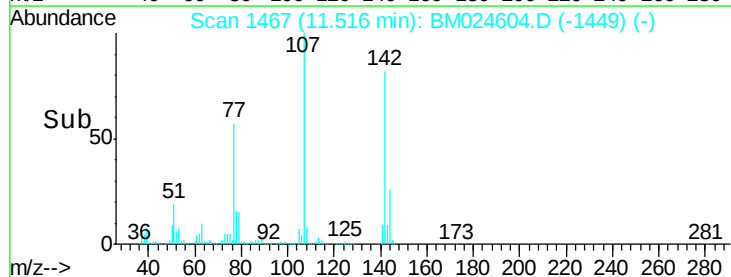
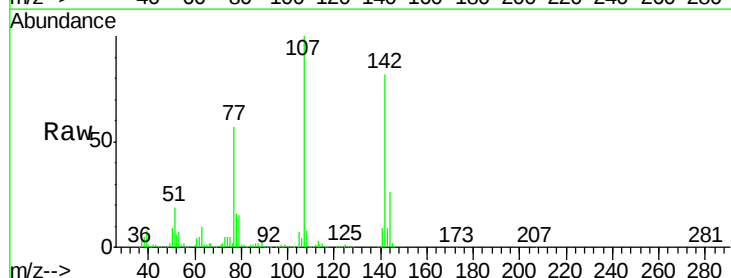
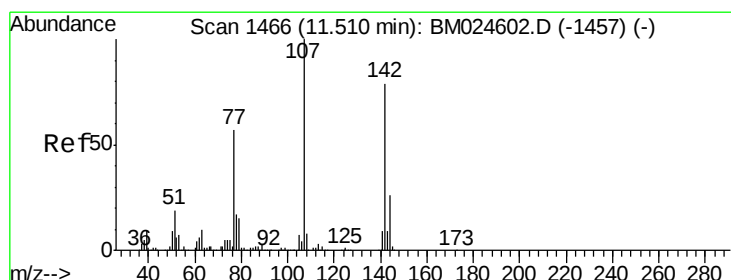
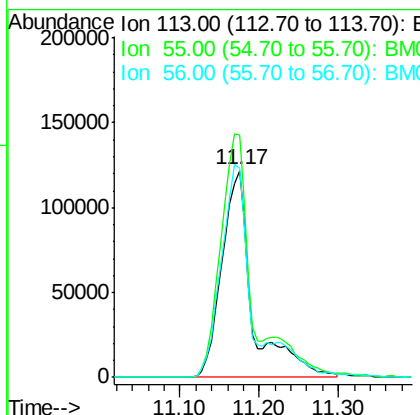
ClientSampleId :

SSTDICC060

Tot Ion:	113	Resp:	329014
Ion Ratio	Lower	Upper	
113	100		
55	117.2	97.5	137.5
56	100.7	83.4	123.4

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#36

4-Chloro-3-methylphenol

Concen: 63.725 ng/mL

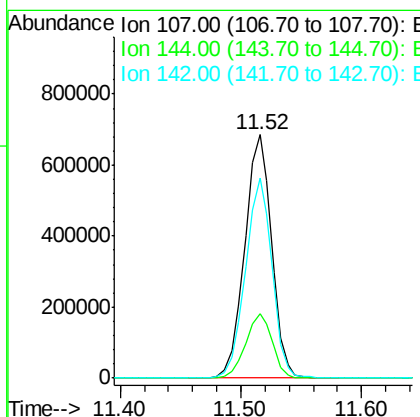
RT: 11.52 min Scan# 1467

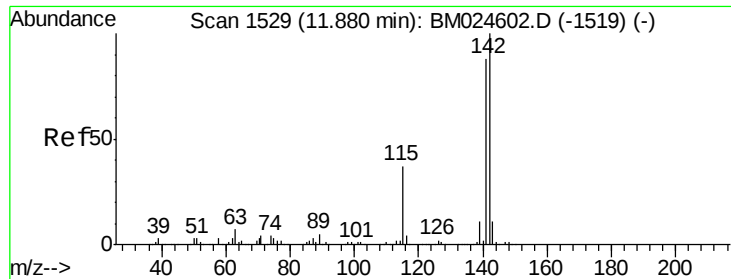
Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:	107	Resp:	1071745
Ion Ratio	Lower	Upper	
107	100		
144	26.2	20.5	30.7
142	82.0	62.8	94.2





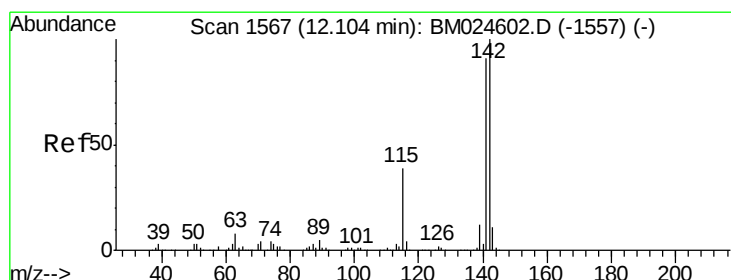
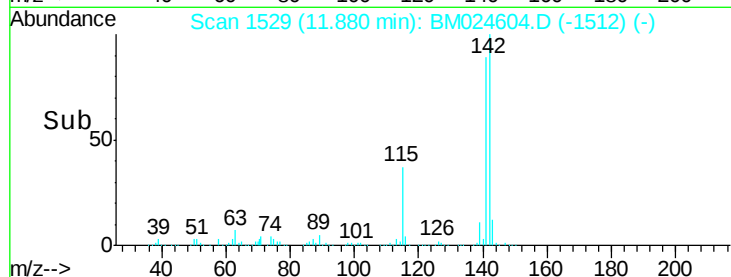
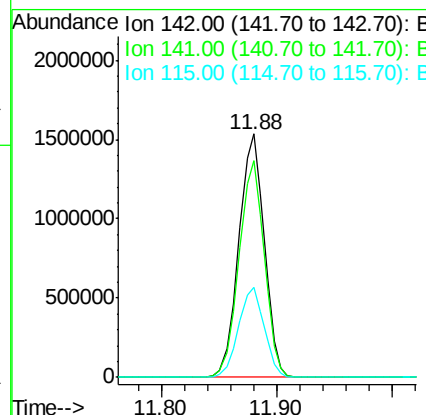
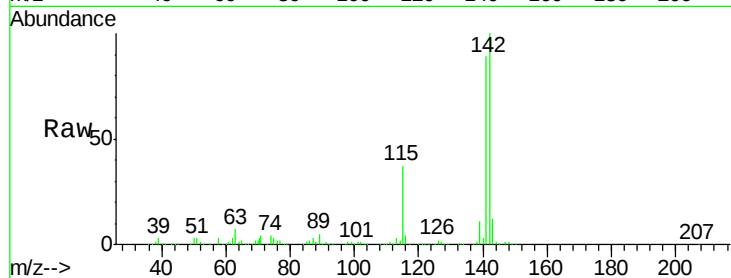
#37
2-Methylnaphthalene
Concen: 59.448 ng
RT: 11.88 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.2
115	37.1	29.7	44.5

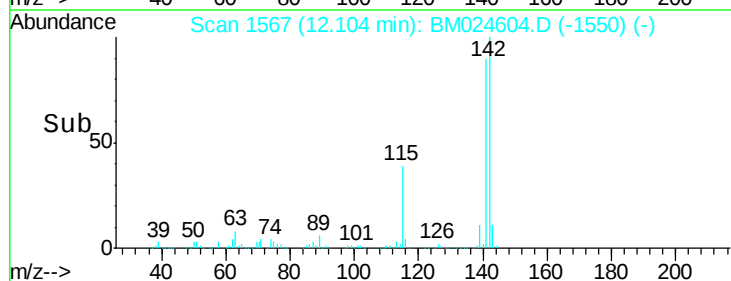
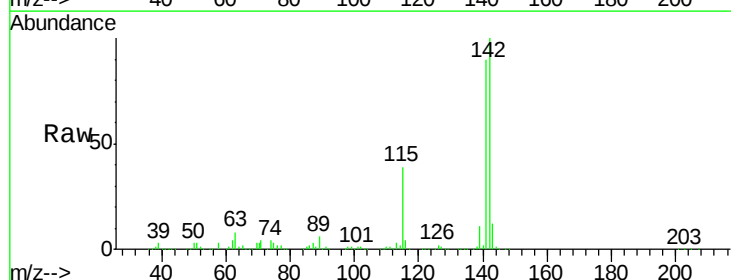
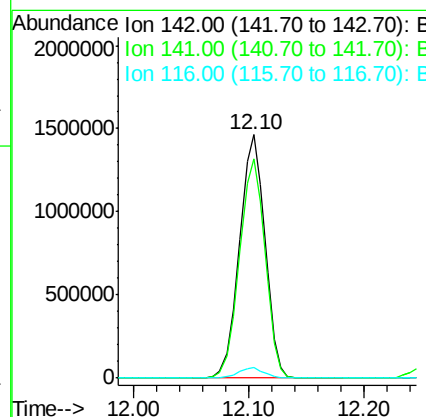
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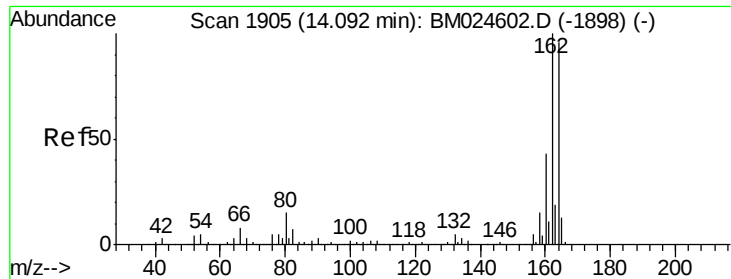
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#38
1-Methylnaphthalene
Concen: 59.321 ng
RT: 12.10 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.8	109.2
116	4.1	3.2	4.8





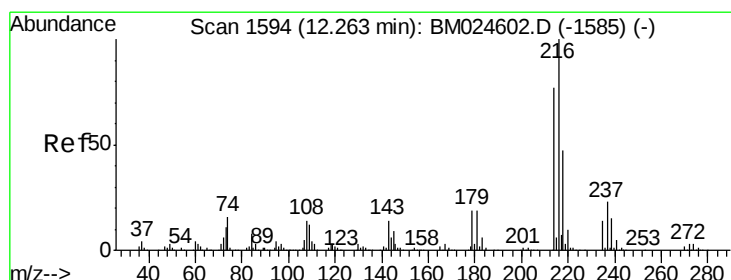
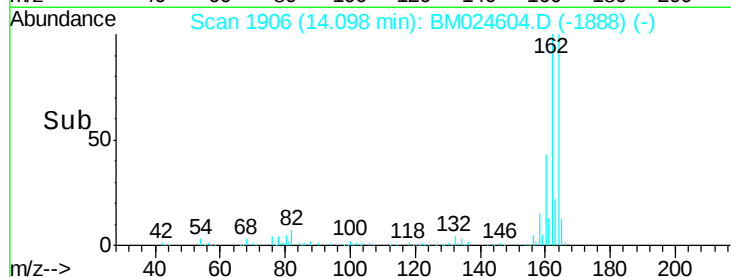
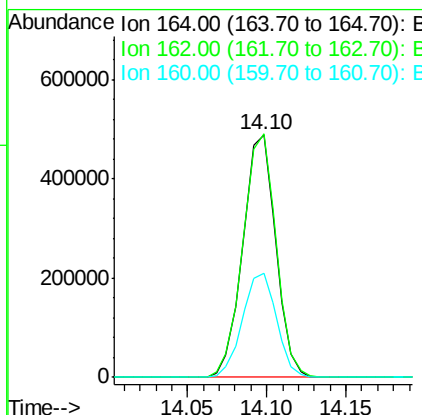
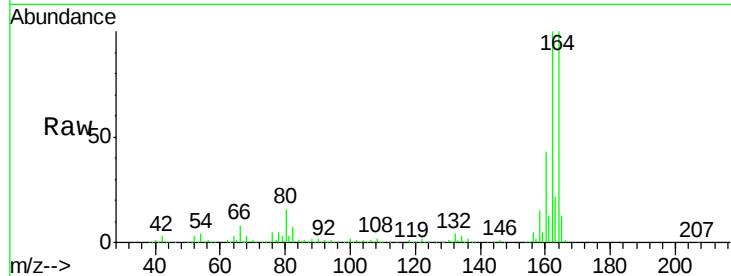
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.9	124.3
160	43.2	35.5	53.3

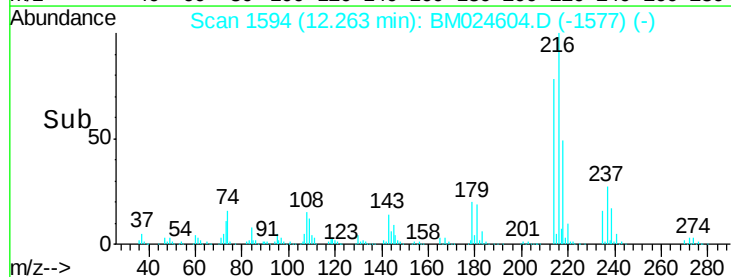
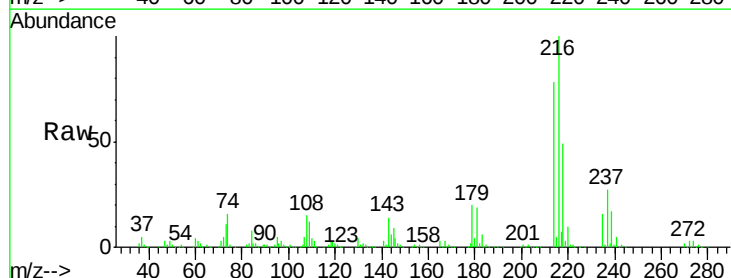
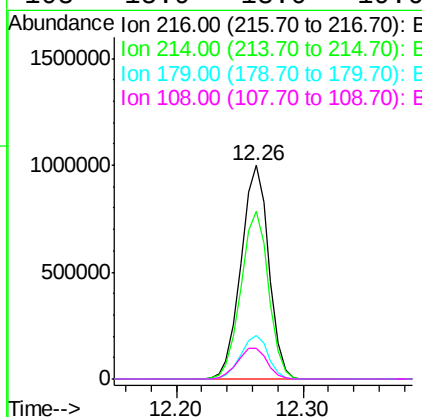
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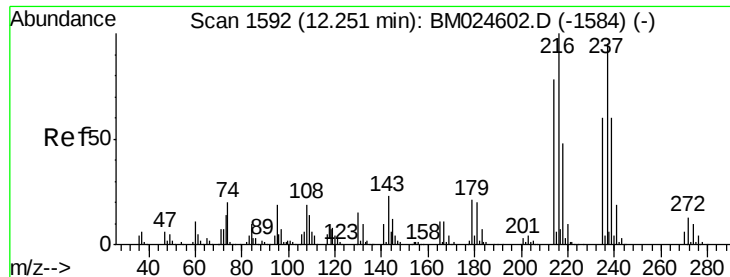
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.416 ng
RT: 12.26 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.3	93.5
179	20.2	16.1	24.1
108	15.9	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 62.676 ng

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

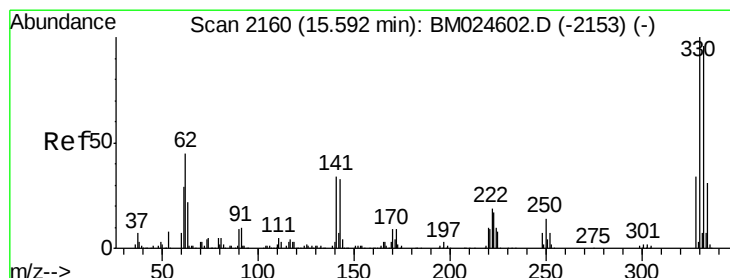
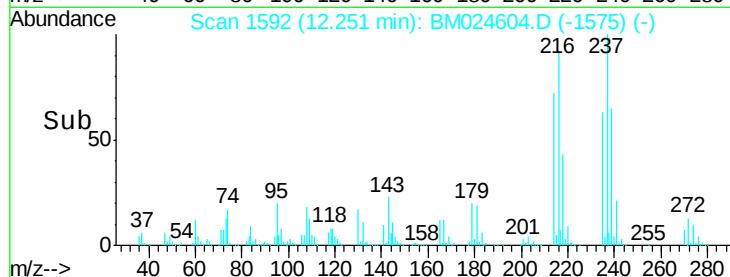
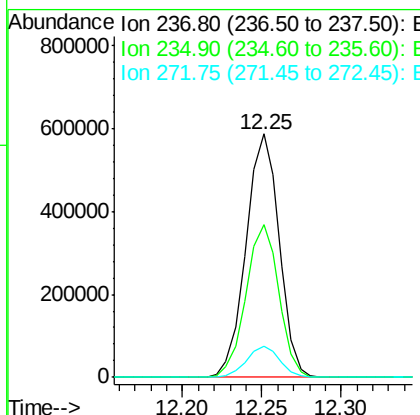
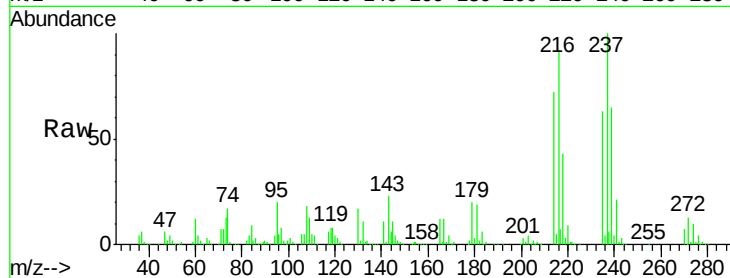
ClientSampleId :

SSTDIC060

Tot Ion:	237	Resp:	853508
Ion Ratio		Lower	Upper
237	100		
235	62.8	43.3	83.3
272	12.8	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 142.368 ng

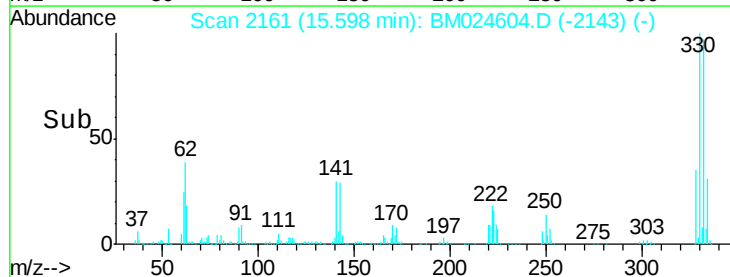
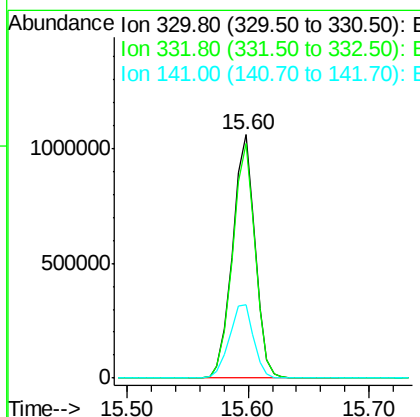
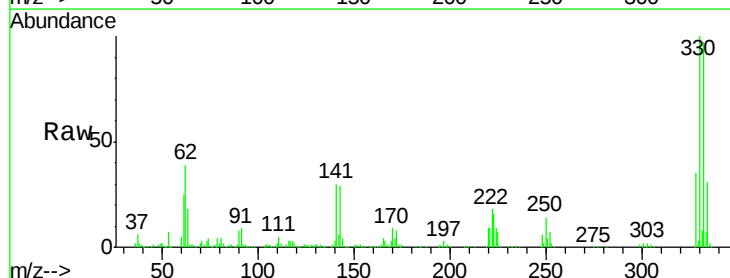
RT: 15.60 min Scan# 2161

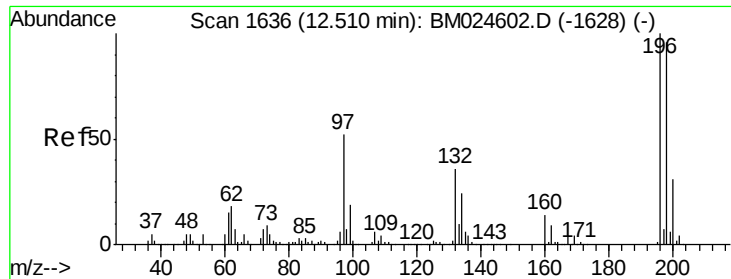
Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Tgt Ion:	330	Resp:	1382509
Ion Ratio		Lower	Upper
330	100		
332	96.6	77.2	115.8
141	32.4	26.9	40.3





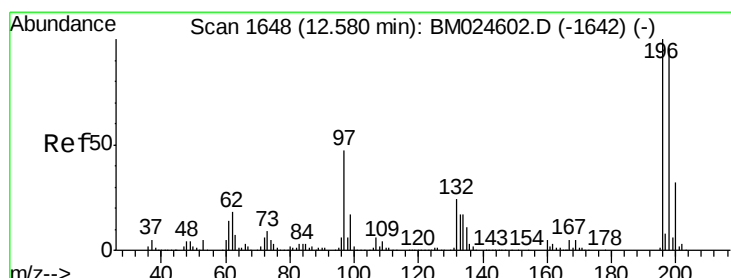
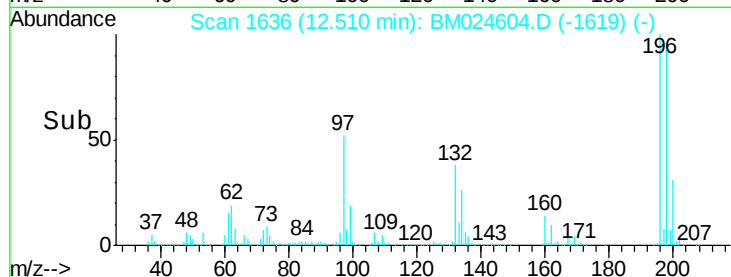
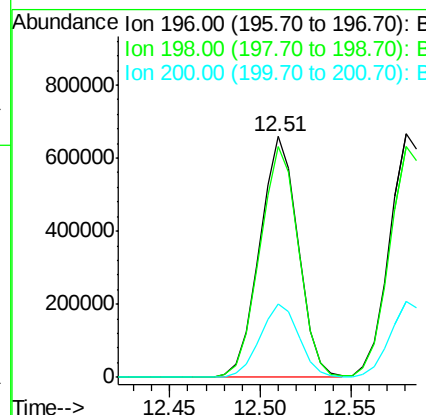
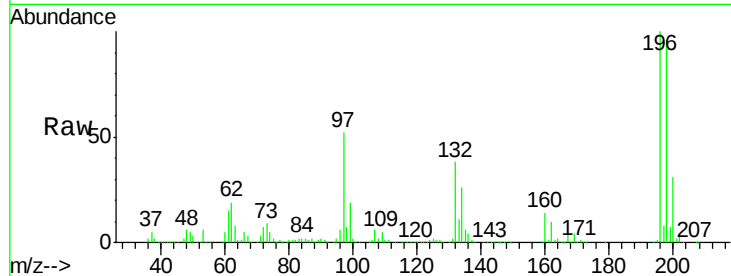
#43
 2,4,6-Trichlorophenol
 Concen: 68.823 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	966966		
198	95.7	76.5	114.7	
200	30.5	25.0	37.6	

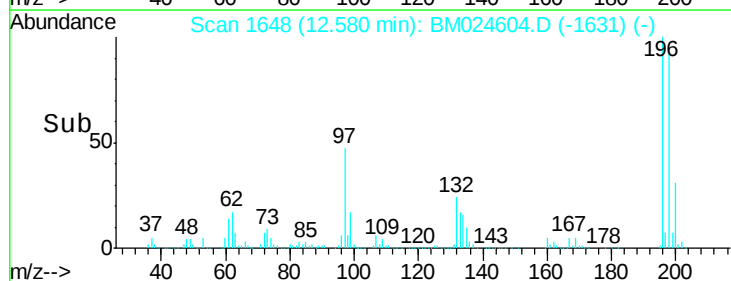
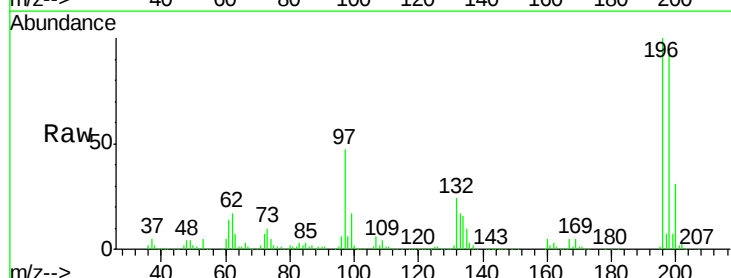
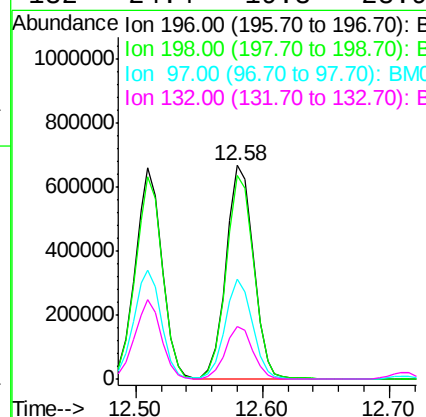
Manual Integrations
 APPROVED

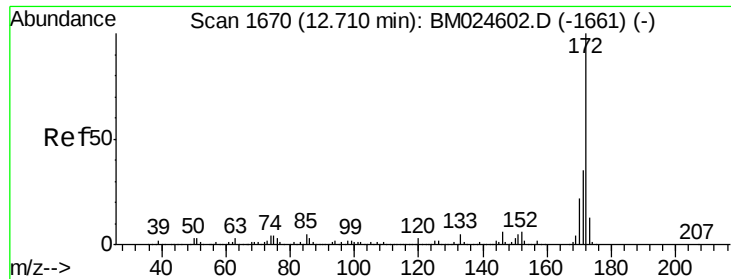
mohammad
 1/24/2020 1:54:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 66.067 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	999002		
198	95.0	77.2	115.8	
97	46.9	37.4	56.0	
132	24.4	19.3	28.9	





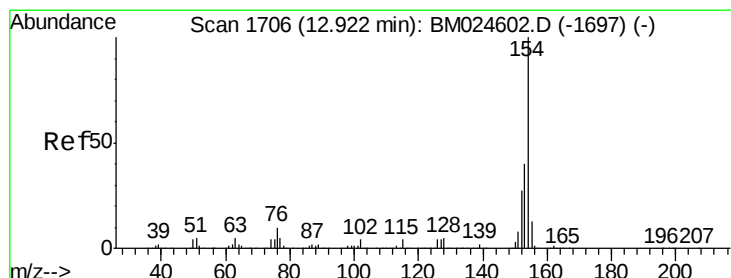
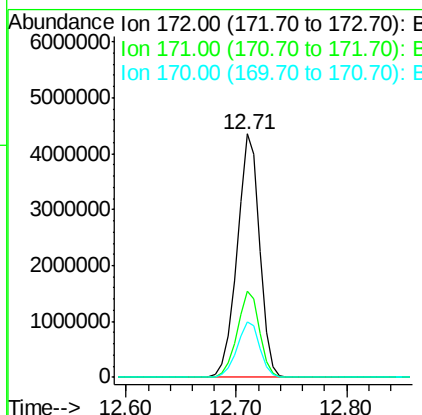
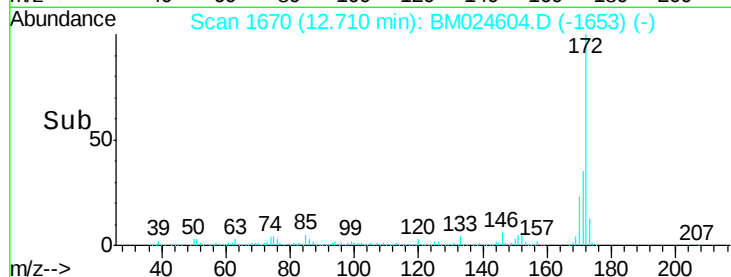
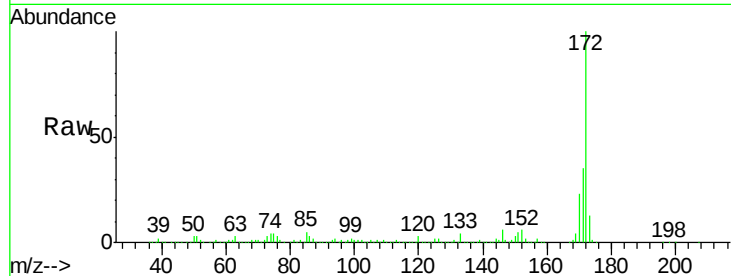
#45
2-Fluorobiphenyl
Concen: 117.646 ng
RT: 12.71 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.0	17.9	26.9

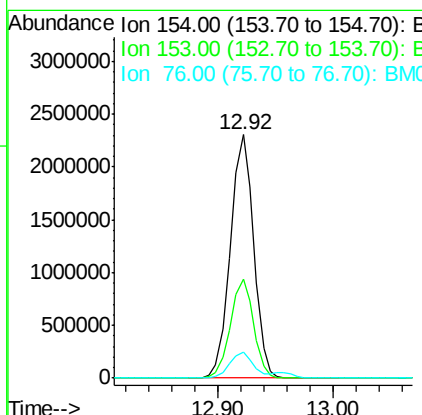
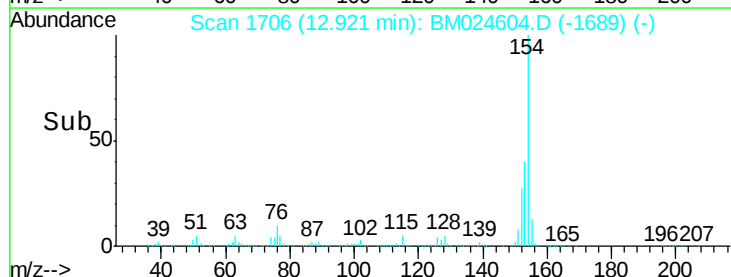
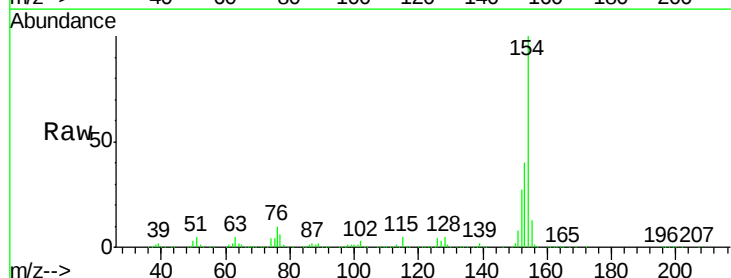
Manual Integrations
APPROVED

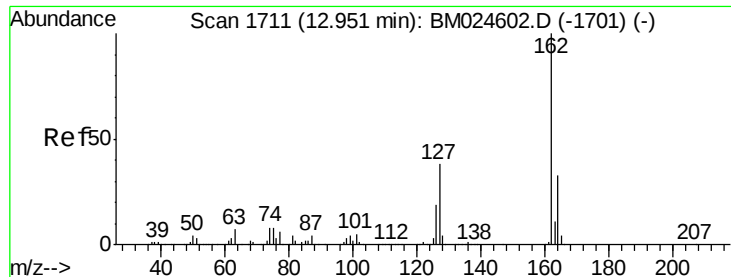
mohammad
1/24/2020 1:54:56 PM



#46
1,1'-Biphenyl
Concen: 56.487 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	10.5	0.0	30.5





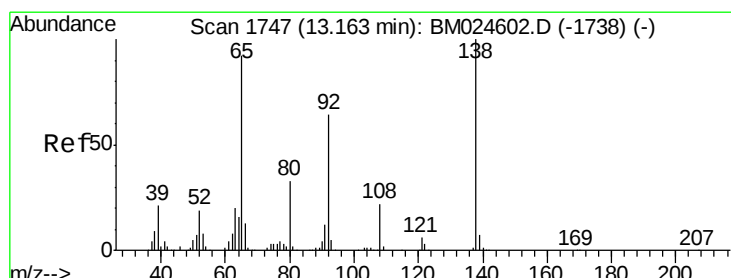
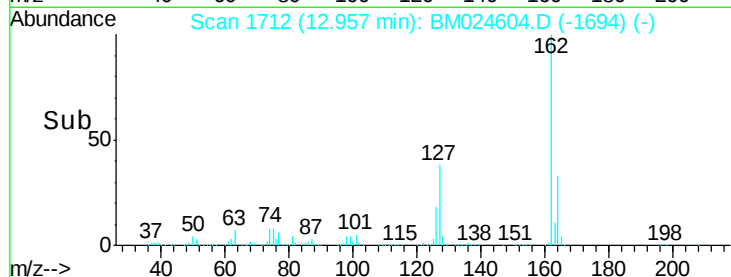
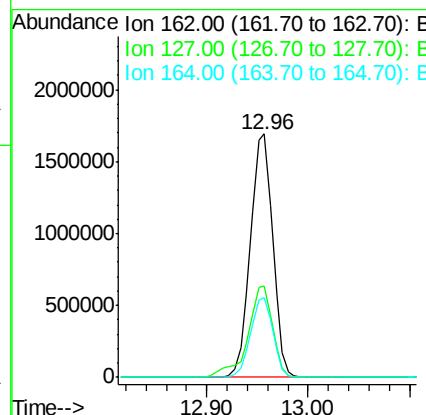
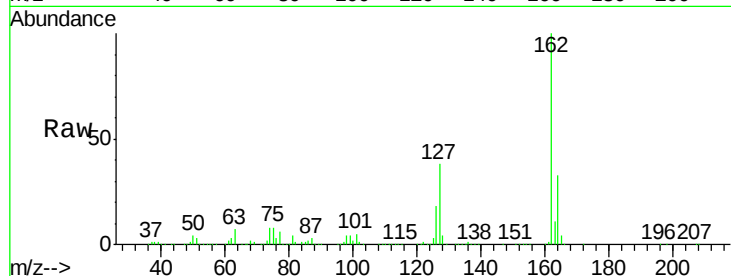
#47
2-Chloronaphthalene
Concen: 56.411 ng
RT: 12.96 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.4	45.6
164	33.0	26.5	39.7

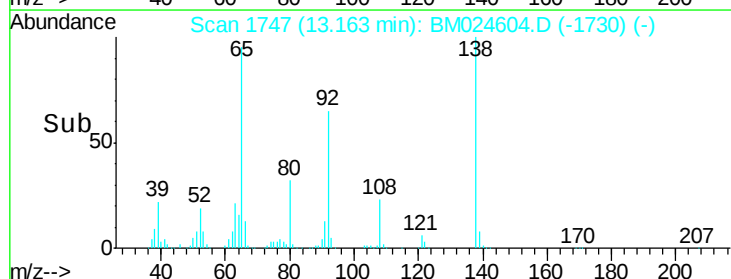
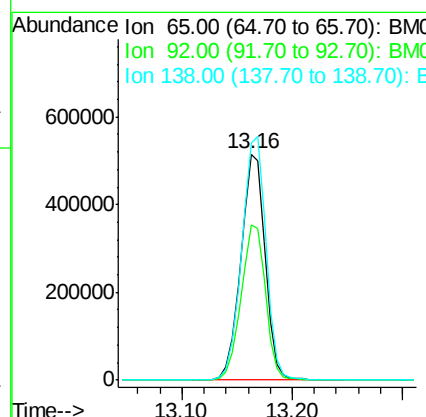
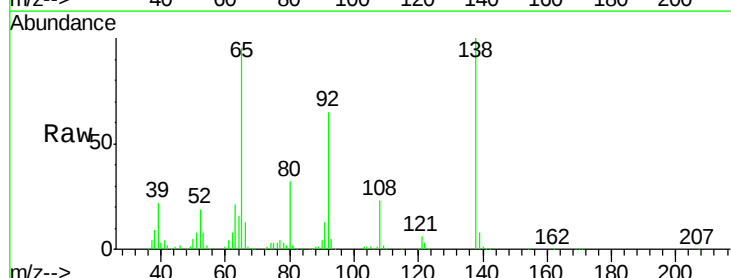
Manual Integrations
APPROVED

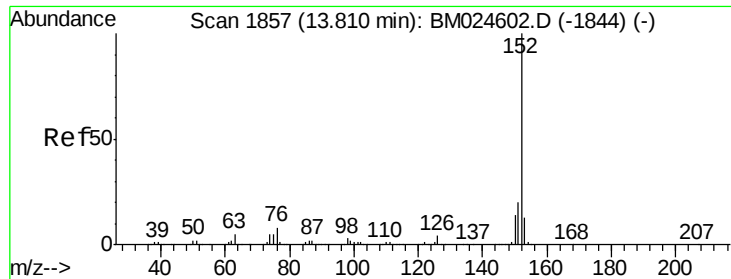
mohammad
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#48
2-Nitroaniline
Concen: 57.230 ng
RT: 13.16 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	55.4	83.2
138	104.9	86.6	129.8





#49

Acenaphthylene

Concen: 55.808 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 3886535

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

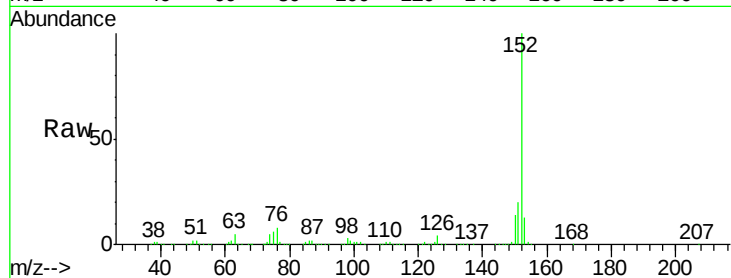
153 13.4 10.4 15.6

Manual Integrations

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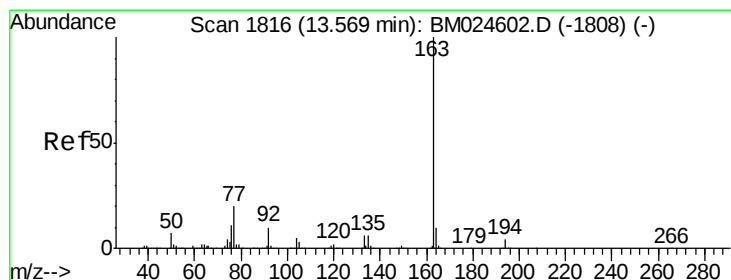
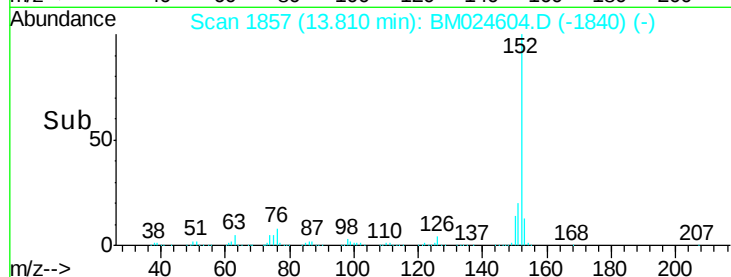
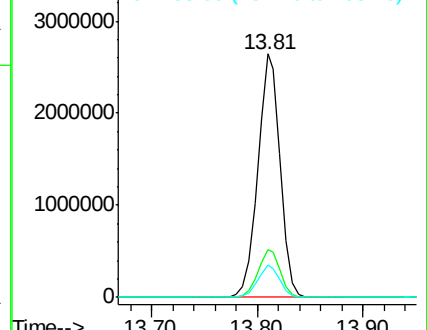
1/24/2020 1:54:56 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.116 ng

RT: 13.57 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

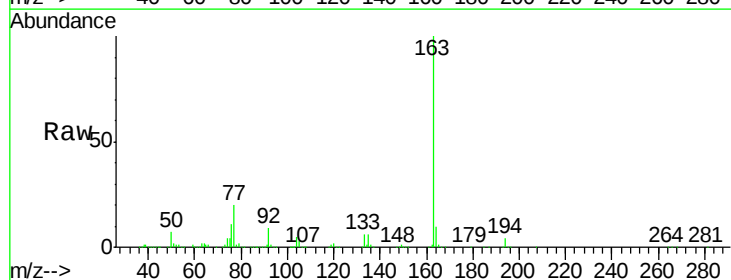
Tgt Ion:163 Resp: 3401520

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

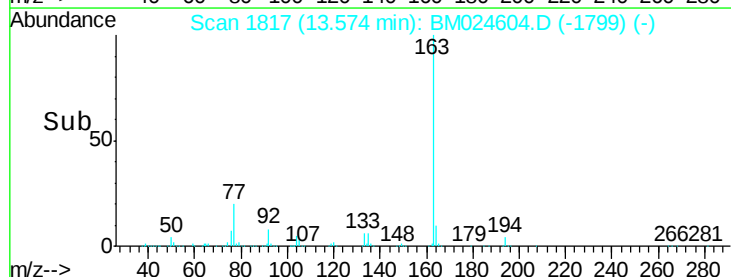
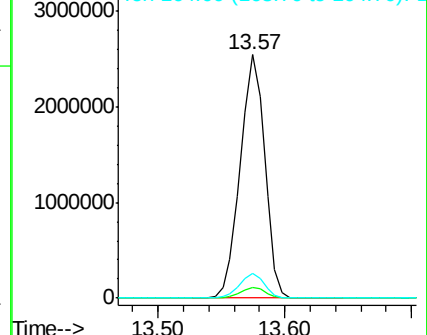
164 10.0 8.0 12.0

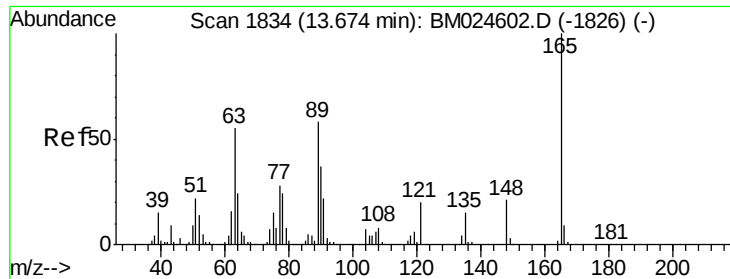


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





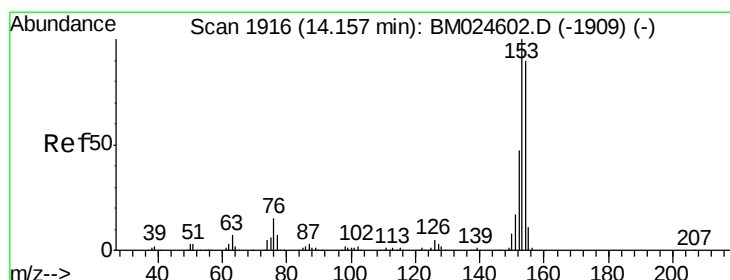
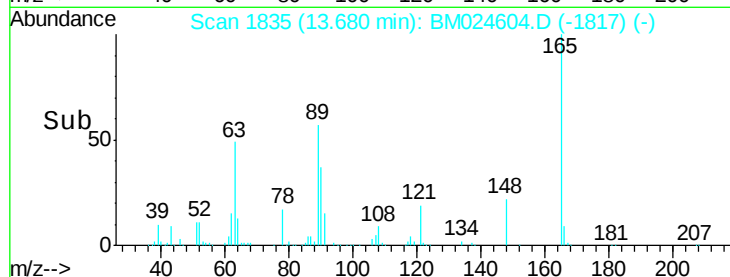
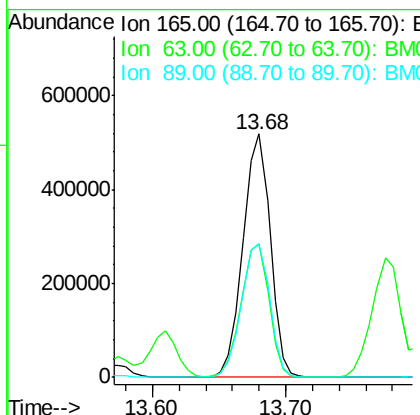
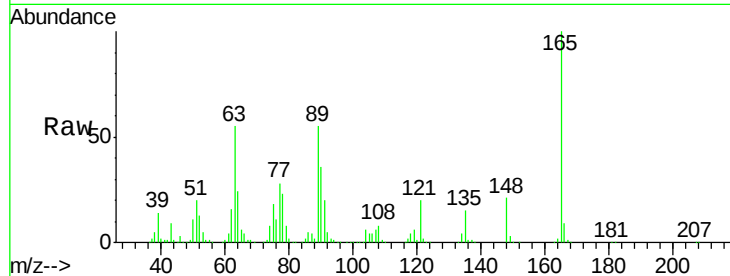
#51
 2,6-Dinitrotoluene
 Concen: 58.450 ng
 RT: 13.68 min Scan# 1835
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
165	100	729673		
63	55.0		45.4	68.0
89	54.6		46.6	69.8

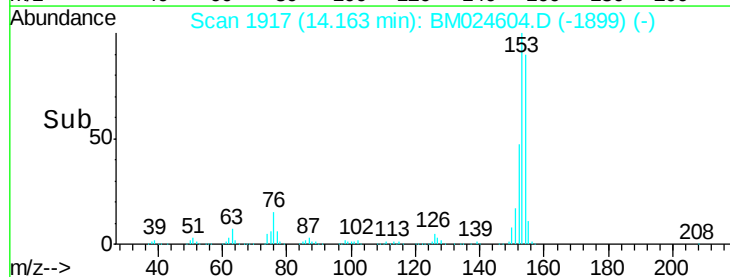
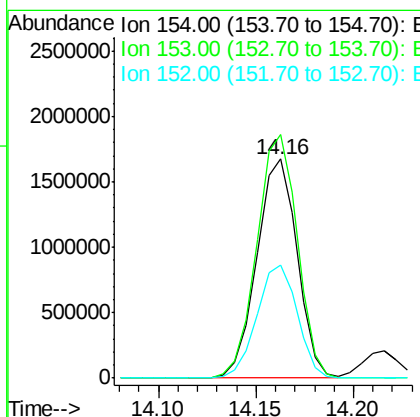
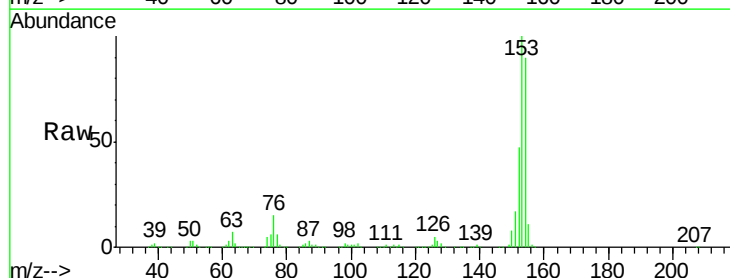
Manual Integrations
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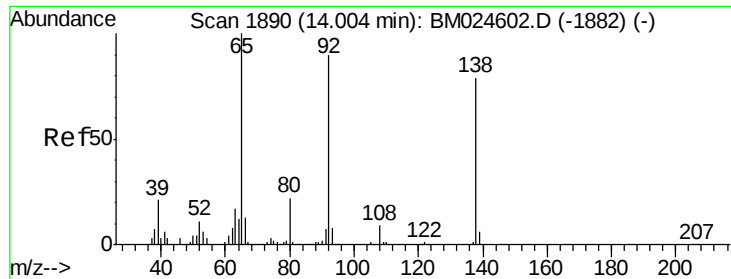
mohammad
 1/24/2020 1:54:56 PM



#52
 Acenaphthene
 Concen: 56.379 ng
 RT: 14.16 min Scan# 1917
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2400697		
153	111.1		89.1	133.7
152	51.7		41.9	62.9





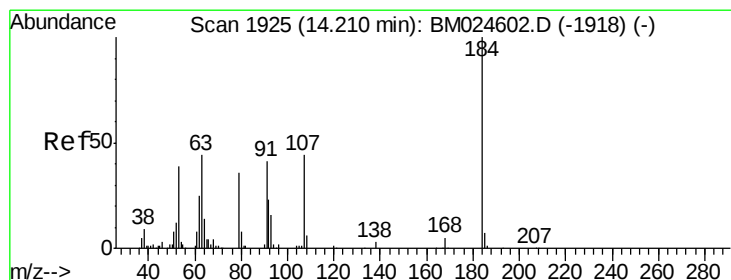
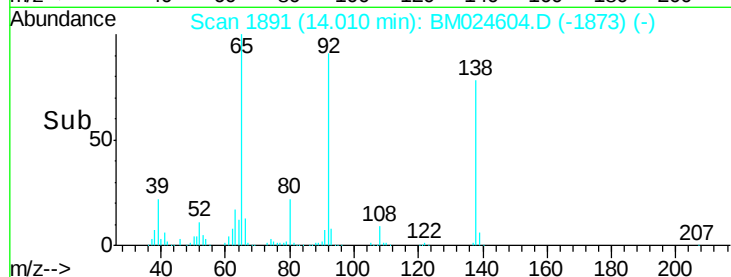
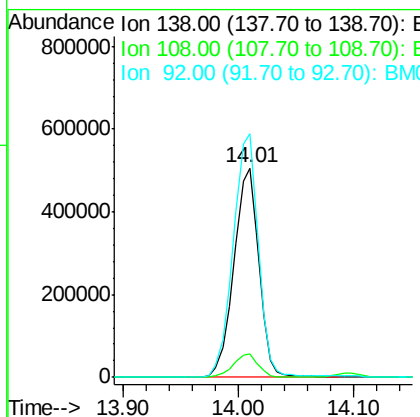
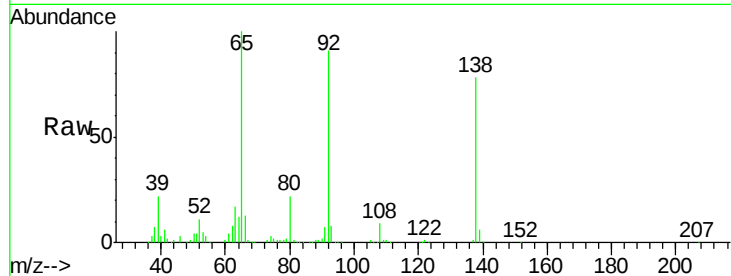
#53
3-Nitroaniline
Concen: 55.956 ng
RT: 14.01 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	116.5	91.0	136.4

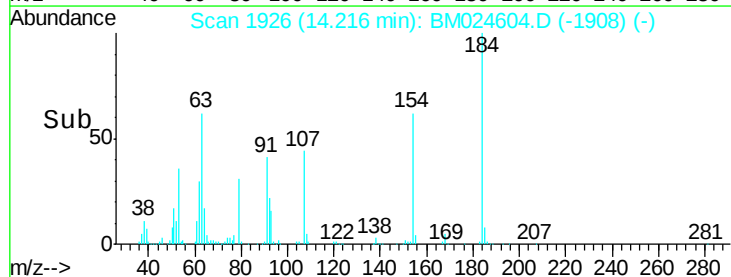
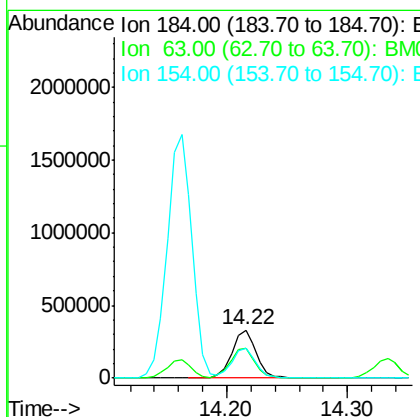
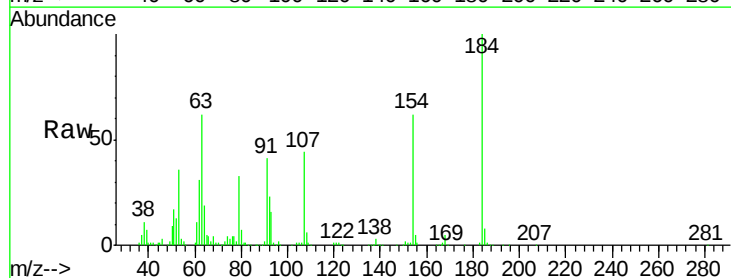
Manual Integrations
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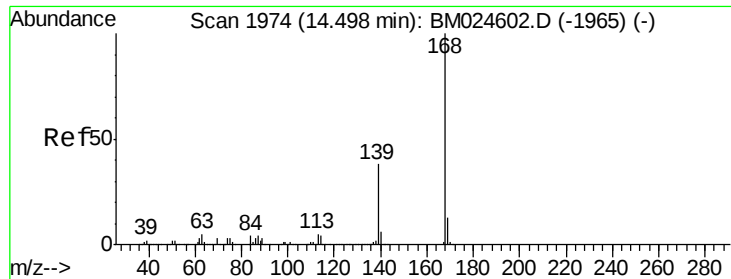
mohammad
1/24/2020 1:54:56 PM



#54
2,4-Dinitrophenol
Concen: 92.006 ng
RT: 14.22 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	51.8	77.8
154	62.1	50.2	75.4





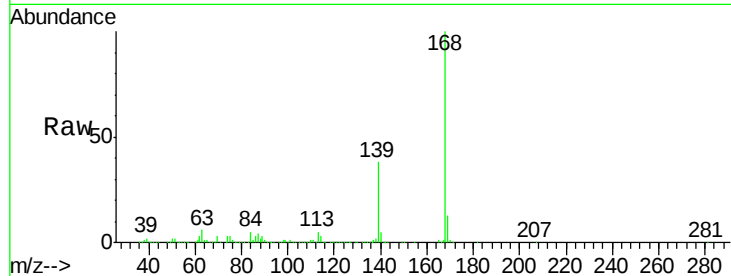
#55
Dibenzenofuran
Concen: 56.564 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

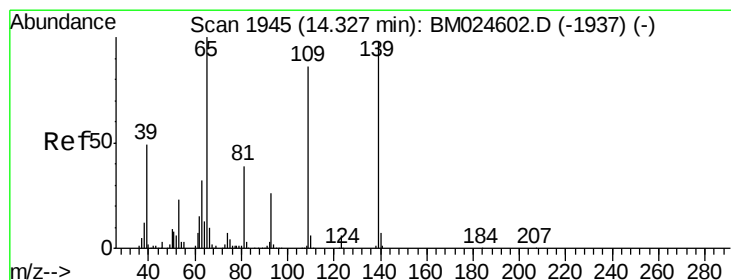
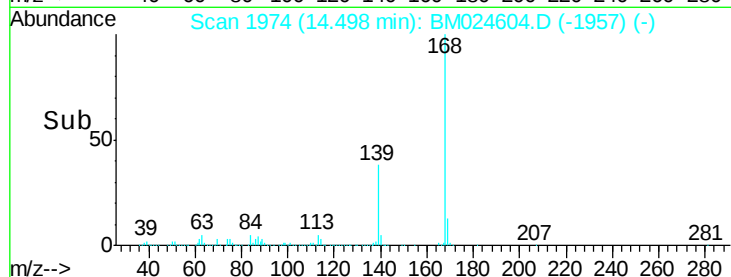
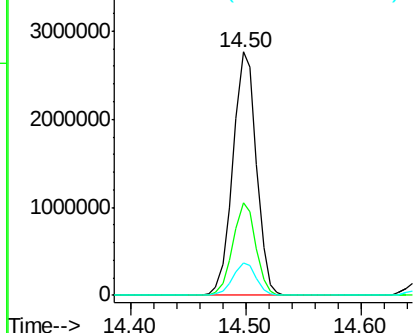
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	13.4	10.7	16.1

Manual Integrations
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1/24/2020 1:54:56 PM



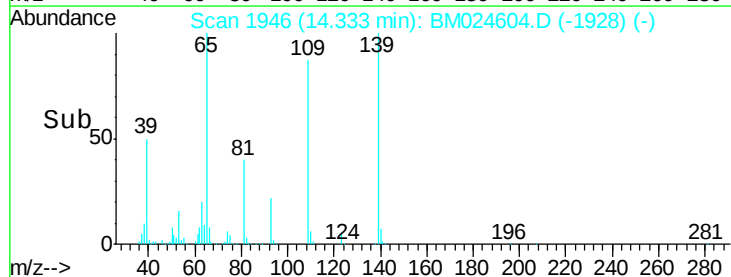
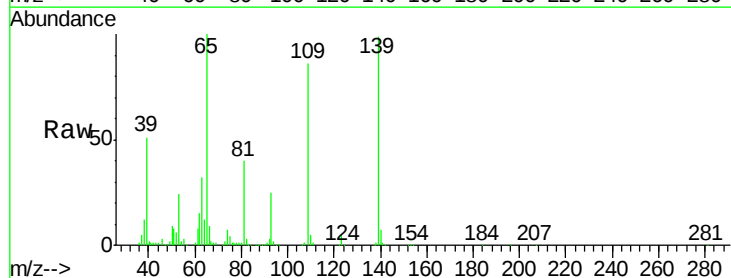
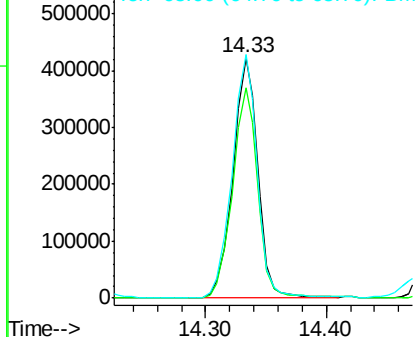
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

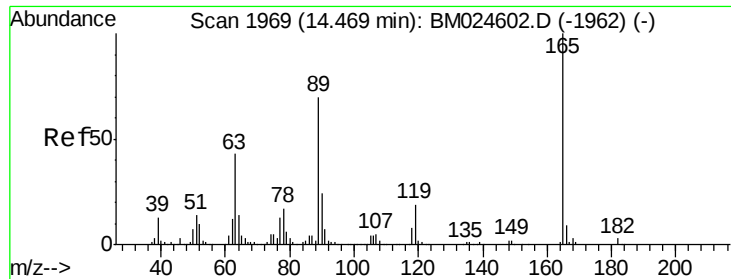


#56
4-Nitrophenol
Concen: 59.896 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.7	67.4	107.4
65	101.5	82.1	122.1

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





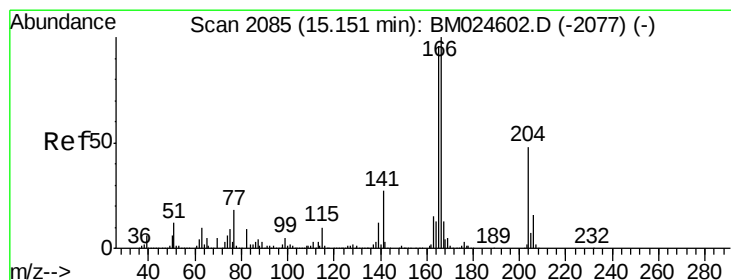
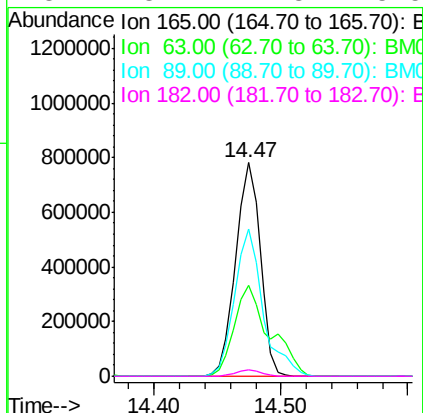
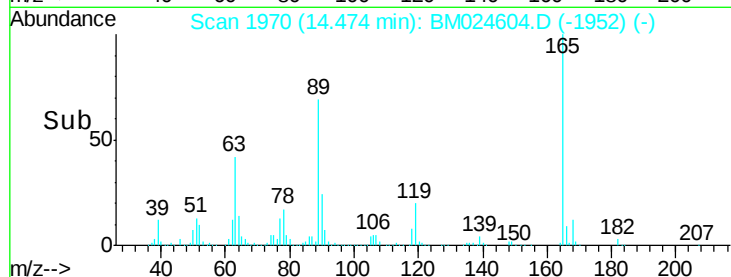
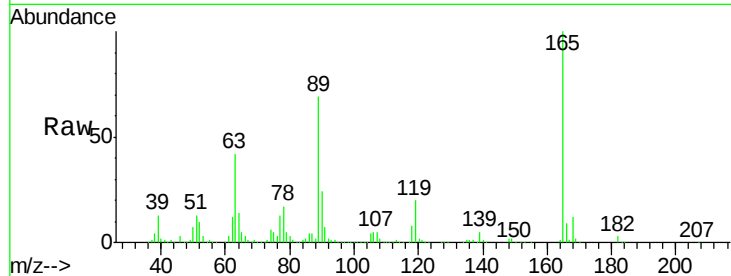
#57
2,4-Dinitrotoluene
Concen: 59.133 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.5	51.7
89	68.9	55.8	83.8
182	3.1	2.3	3.5

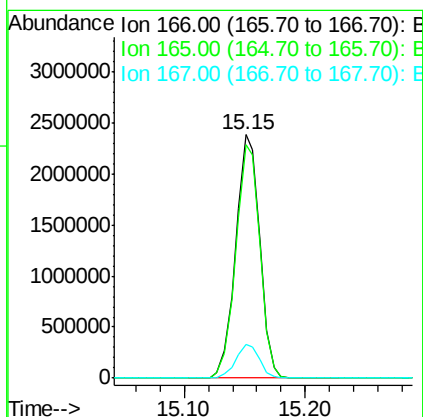
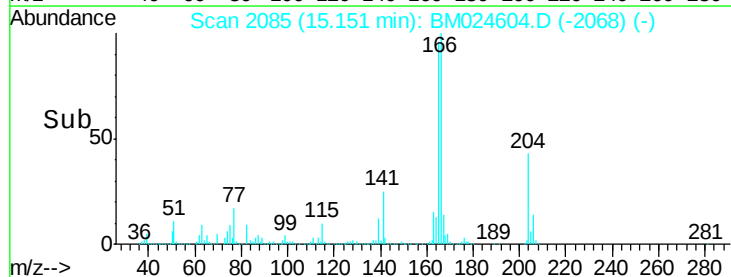
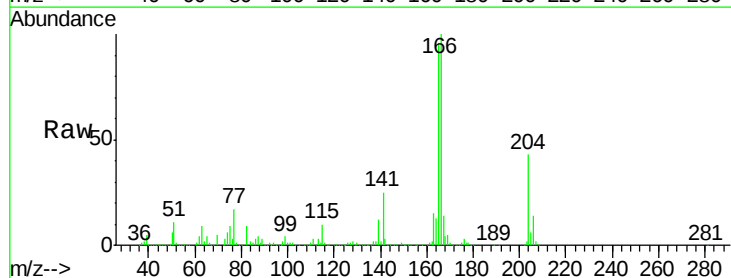
Manual Integrations
APPROVED

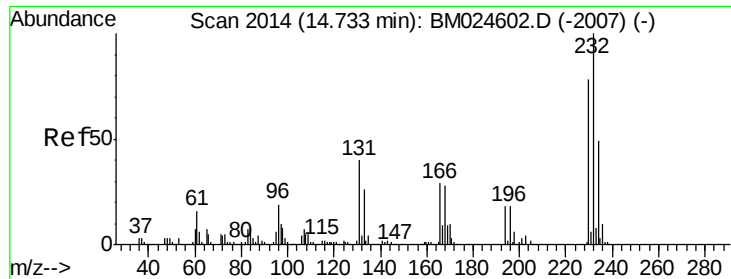
mohammad
1/24/2020 1:54:56 PM



#58
Fluorene
Concen: 56.906 ng
RT: 15.15 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.6	114.8
167	13.6	10.8	16.2





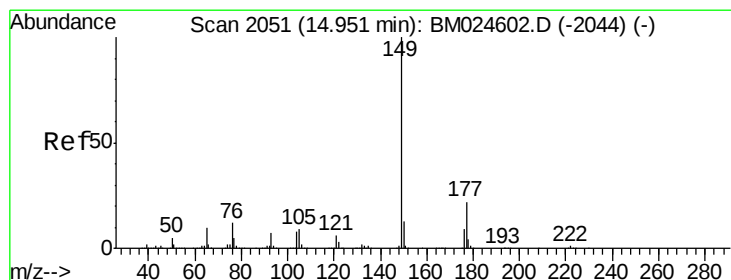
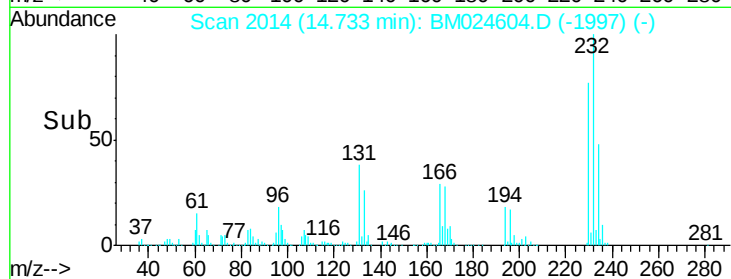
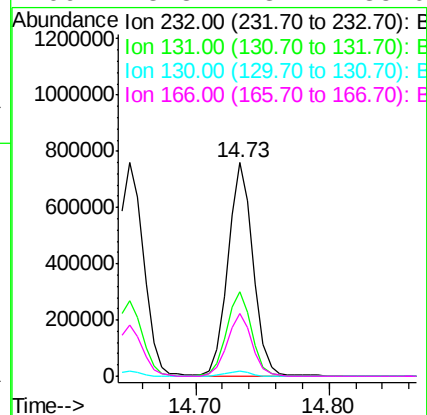
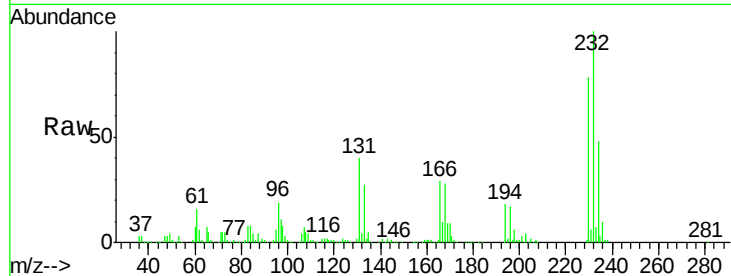
#59
2,3,4,6-Tetrachlorophenol
Concen: 71.156 ng
RT: 14.73 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.6	32.2	48.4
130	2.2	1.9	2.9
166	28.8	23.4	35.0

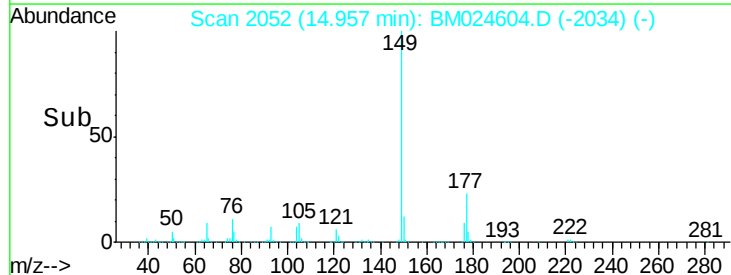
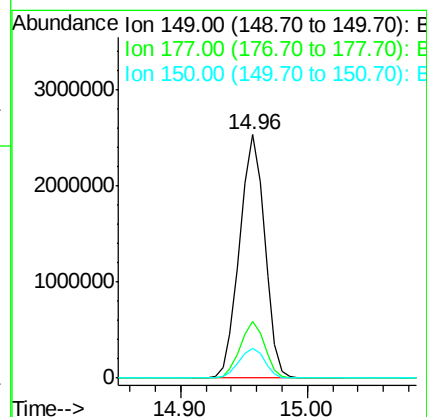
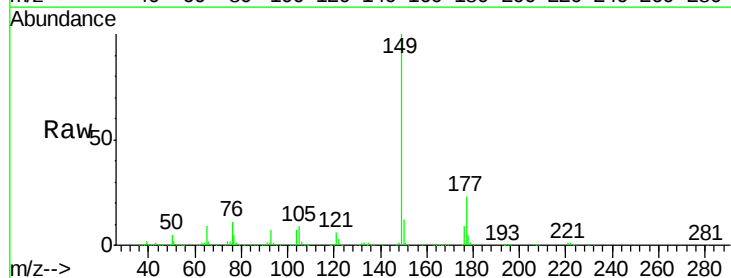
Manual Integrations
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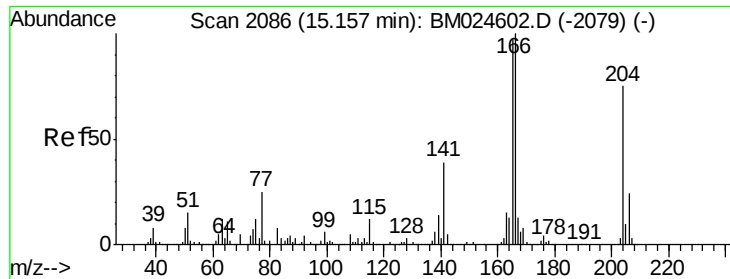
mohammad
1/24/2020 1:54:56 PM



#60
Diethylphthalate
Concen: 57.384 ng
RT: 14.96 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.0	27.0
150	12.4	10.2	15.4





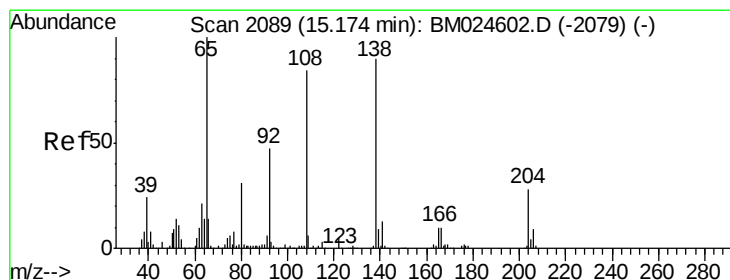
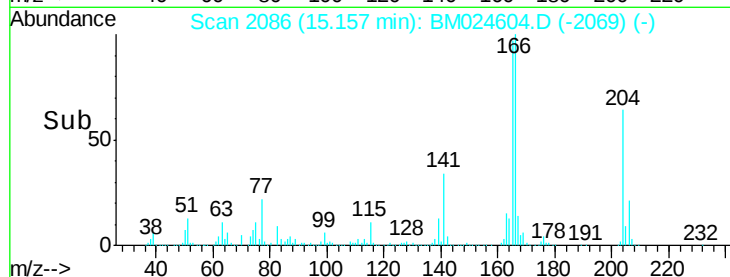
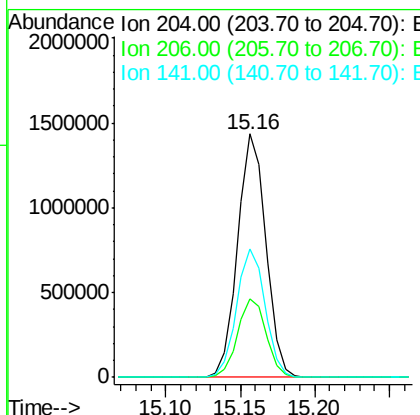
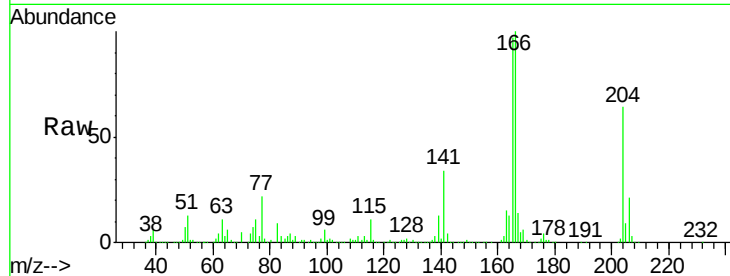
#61
 4-Chlorophenyl-phenylether
 Concen: 59.558 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	52.8	42.2	63.2

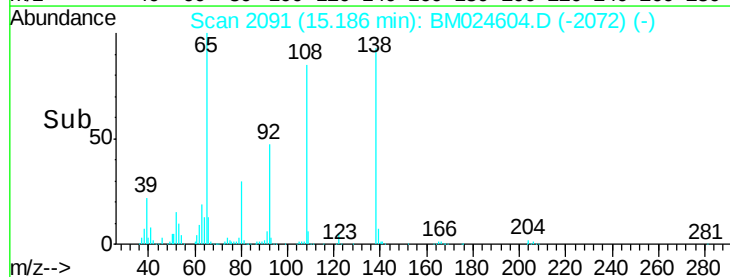
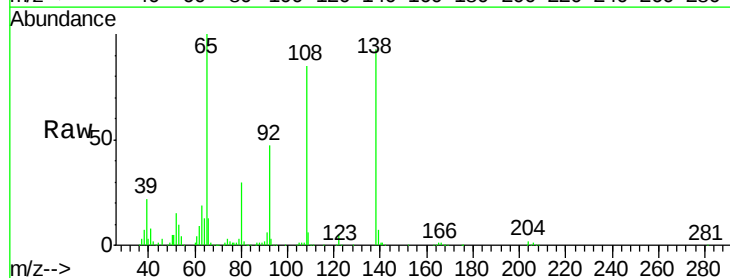
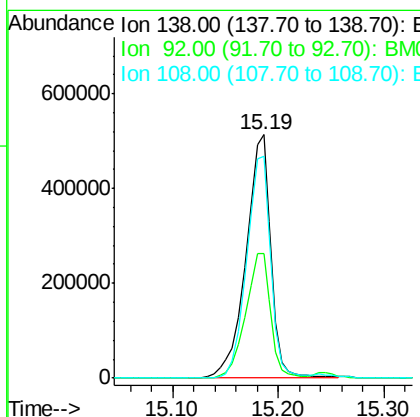
Manual Integrations
 APPROVED

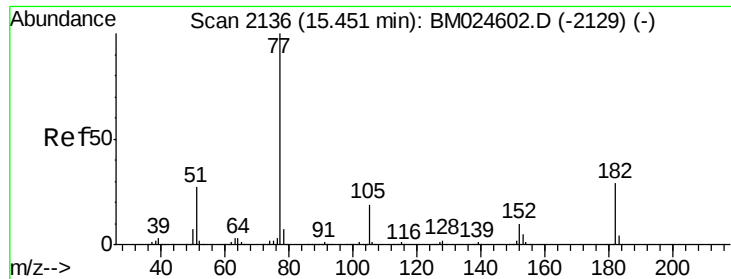
mohammad
 1/24/2020 1:54:56 PM



#62
 4-Nitroaniline
 Concen: 55.109 ng
 RT: 15.19 min Scan# 2091
 Delta R.T. 0.01 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	32.4	72.4
108	91.1	73.3	113.3





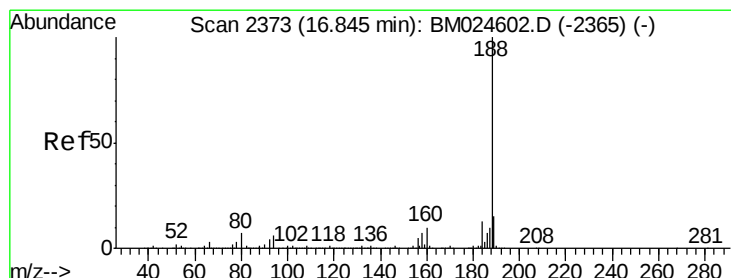
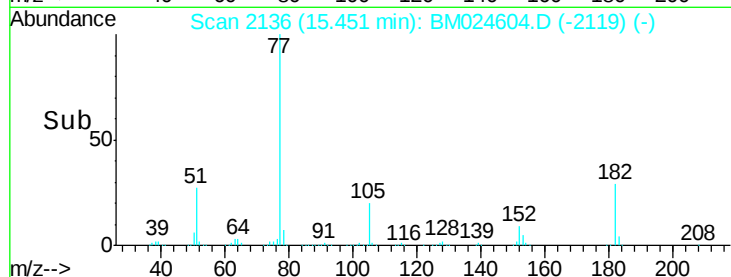
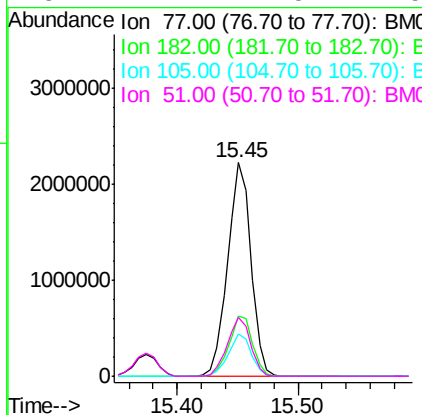
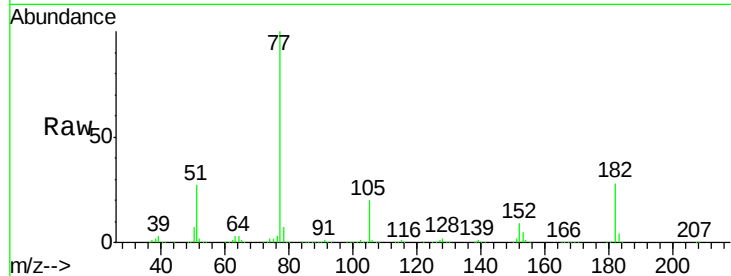
#63
Azobenzene
Concen: 54.737 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	8.7	48.7	
105	19.5	0.0	39.2	
51	27.4	7.5	47.5	

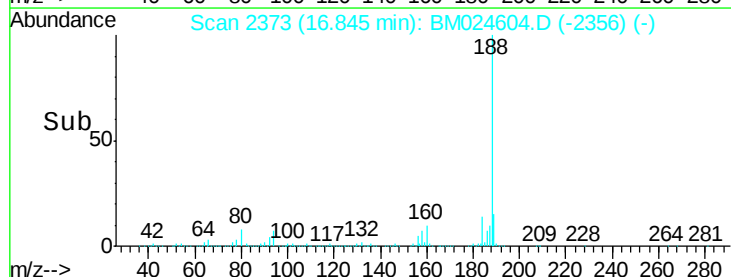
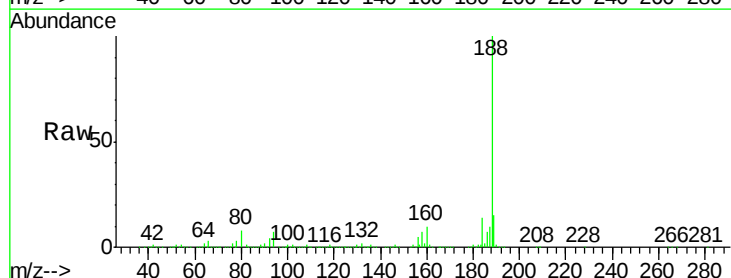
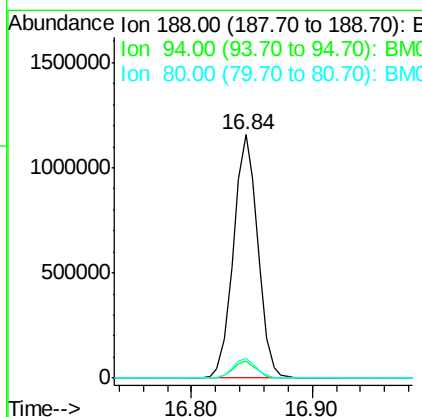
Manual Integrations
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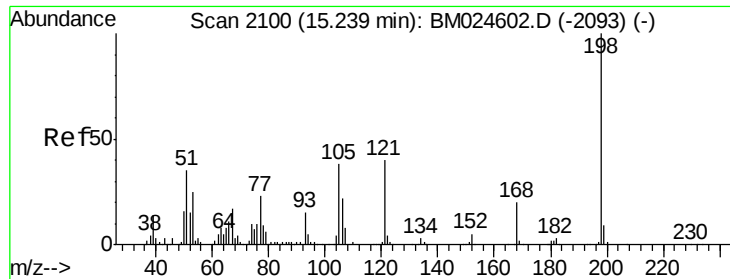
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.8	5.0	7.6	
80	8.0	5.8	8.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 86.484 ng

RT: 15.24 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:198 Resp: 601205

Ion Ratio Lower Upper

198 100

51 34.3 15.8 55.8

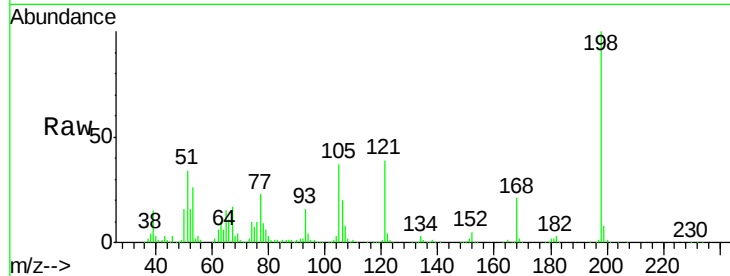
105 37.3 18.5 58.5

Manual Integrations

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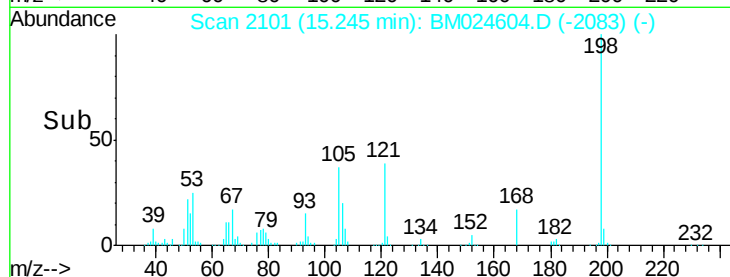


Abundance Ion 198.00 (197.70 to 198.70): E

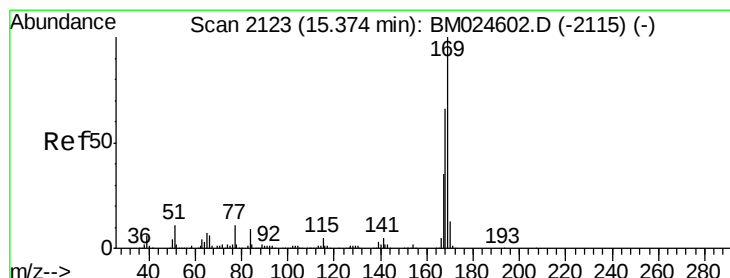
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 58.850 ng

RT: 15.37 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

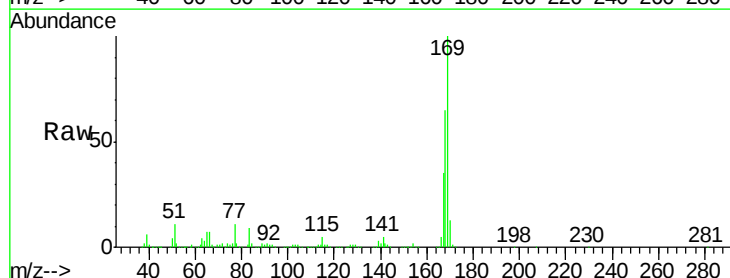
Tgt Ion:169 Resp: 2827964

Ion Ratio Lower Upper

169 100

168 65.0 52.8 79.2

167 34.8 28.2 42.2

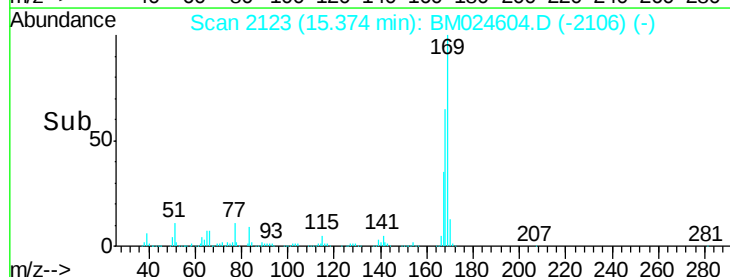


Abundance Ion 169.00 (168.70 to 169.70): E

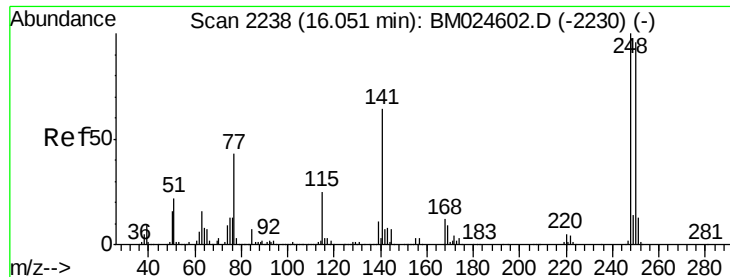
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



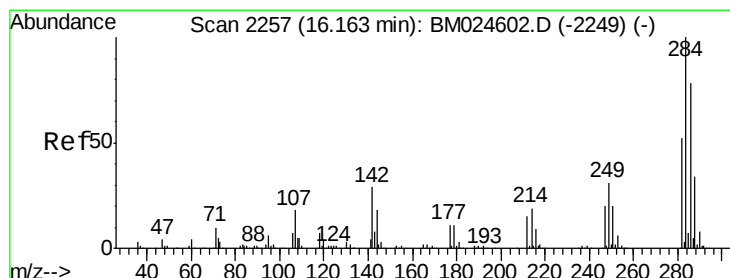
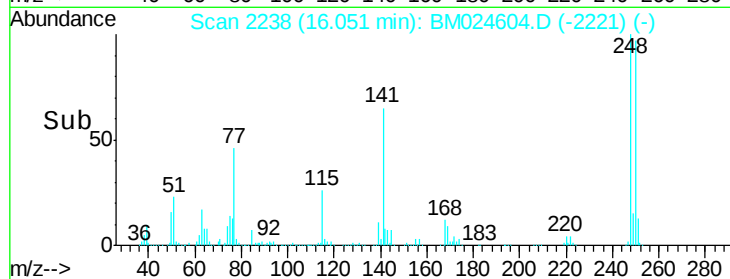
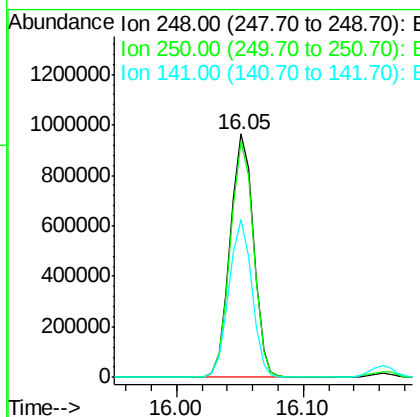
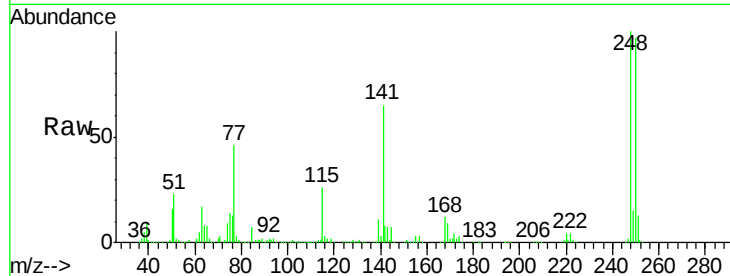
#67
4-Bromophenyl-phenylether
Concen: 62.393 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.6
141	65.0	50.9	76.3

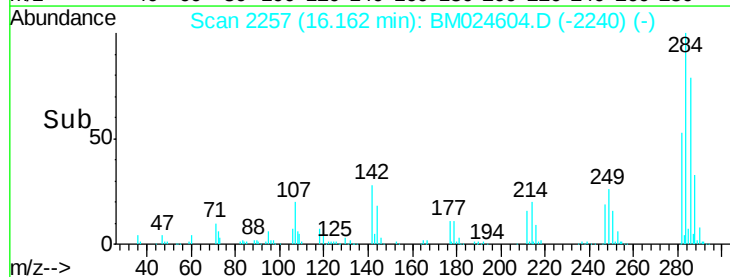
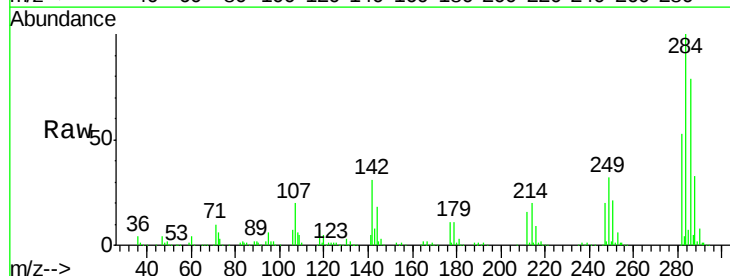
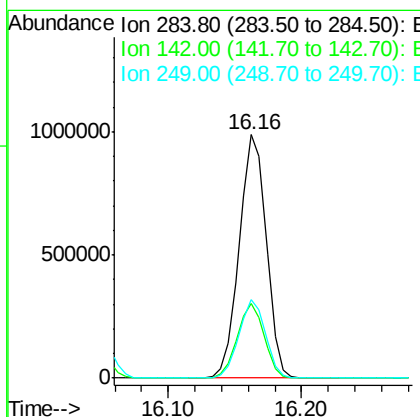
Manual Integrations
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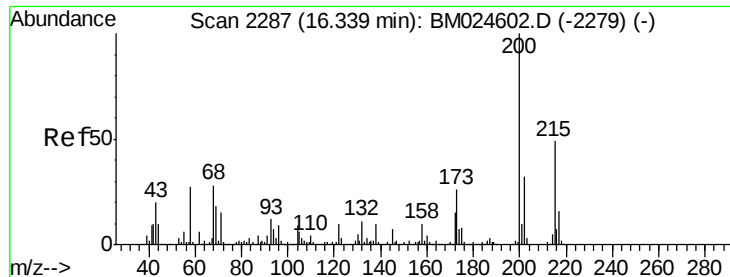
mohammad
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#68
Hexachlorobenzene
Concen: 60.486 ng
RT: 16.16 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.5	35.3
249	32.1	24.6	36.8





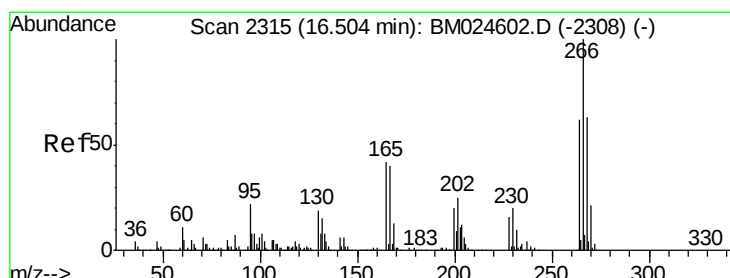
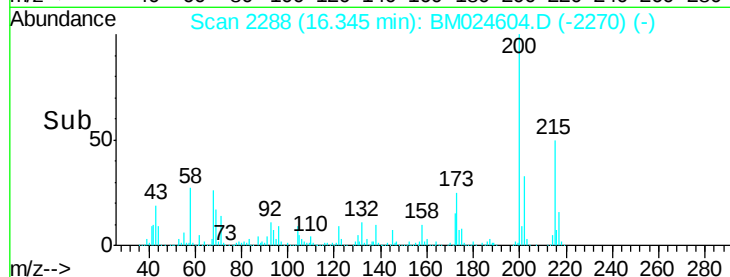
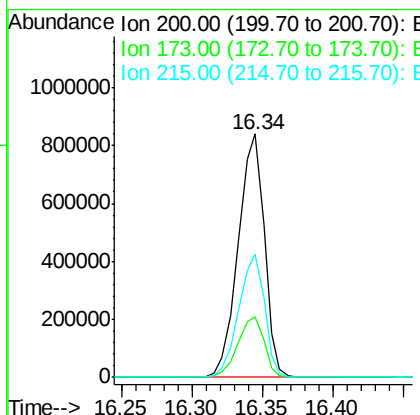
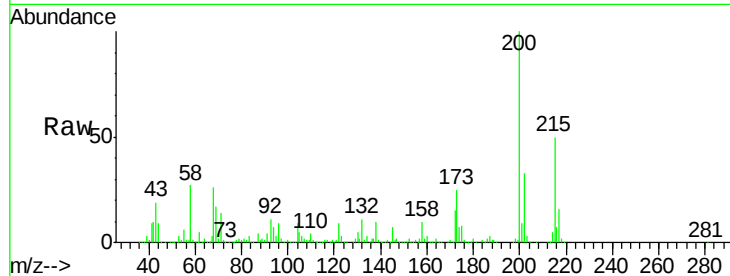
#69
Atrazine
Concen: 82.200 ng
RT: 16.34 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.5	45.5
215	50.5	29.4	69.4

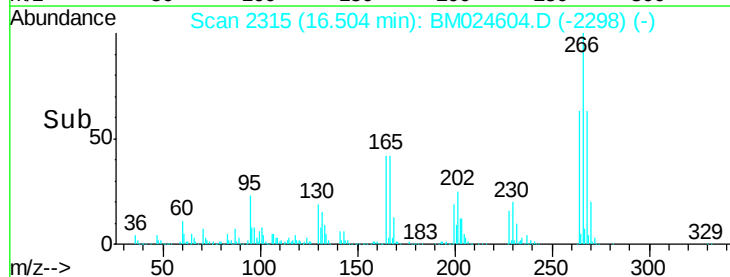
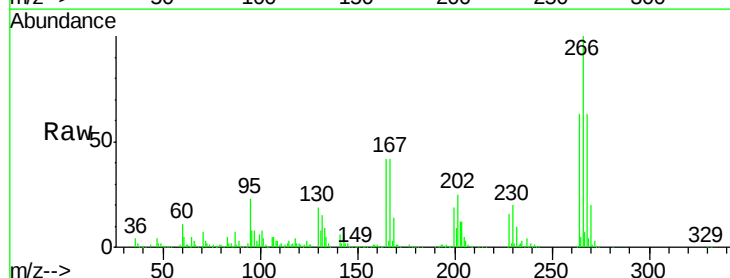
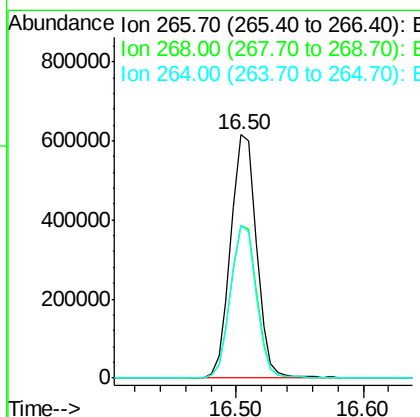
Manual Integrations
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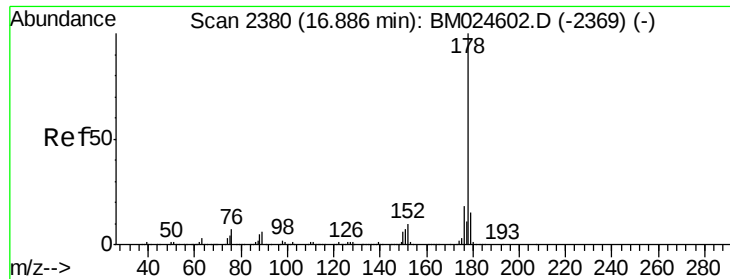
mohammad
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#70
Pentachlorophenol
Concen: 75.305 ng
RT: 16.50 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.4	75.6
264	62.6	49.9	74.9





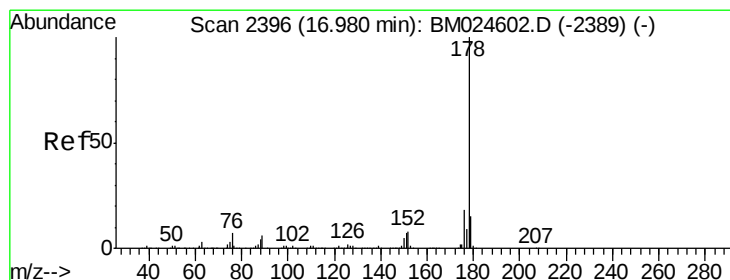
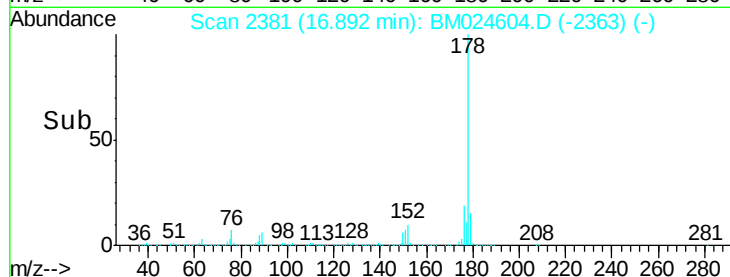
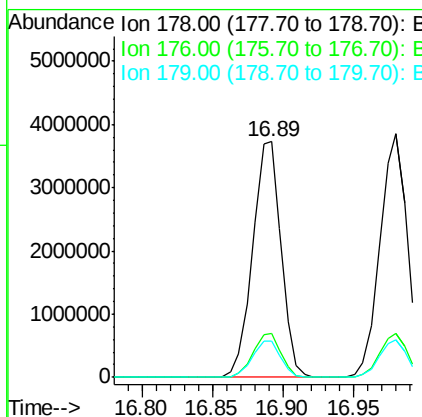
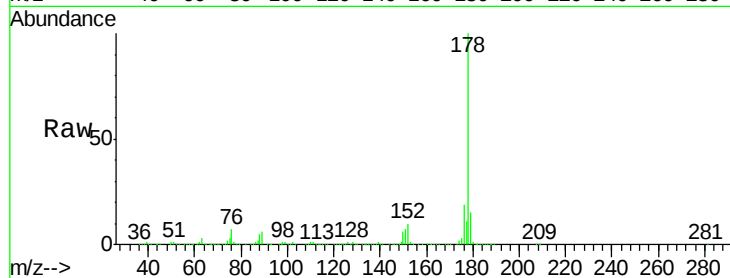
#71
Phenanthrene
Concen: 57.060 ng
RT: 16.89 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion:178 Resp: 5289094
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.4 11.9 17.9

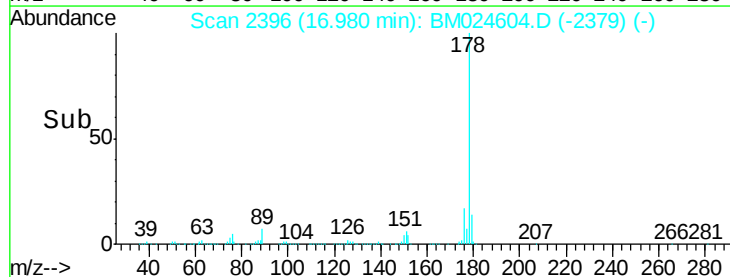
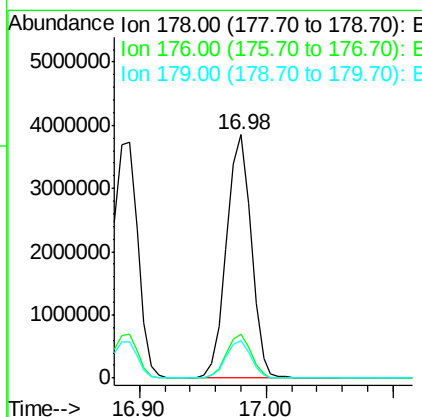
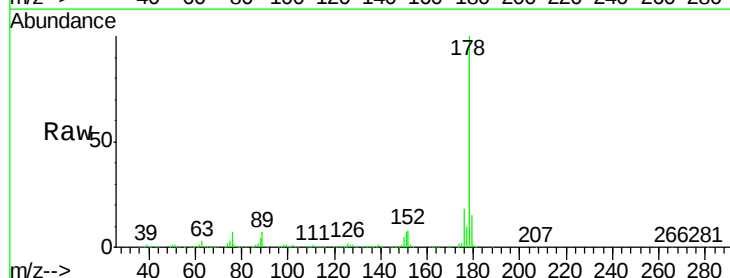
Manual Integrations
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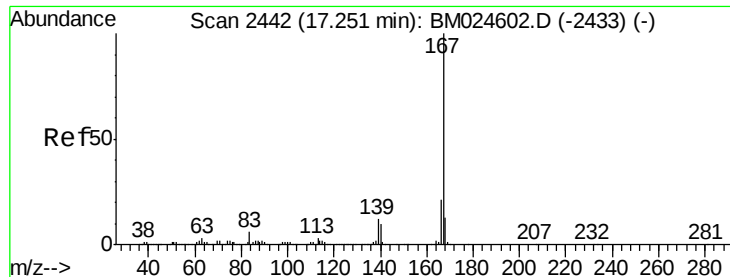
mohammad
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#72
Anthracene
Concen: 57.122 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:178 Resp: 5188974
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.3 12.1 18.1





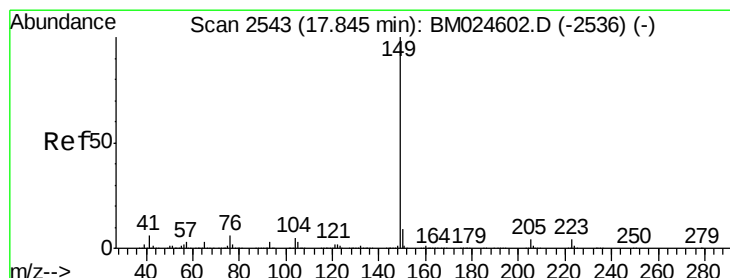
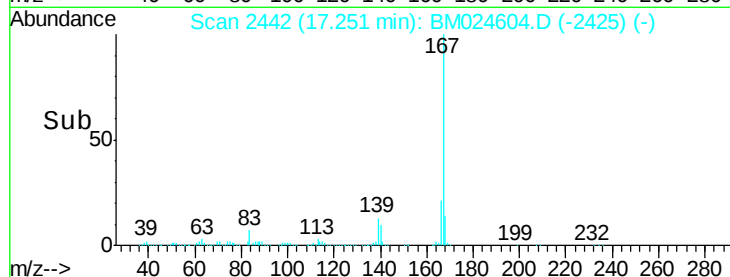
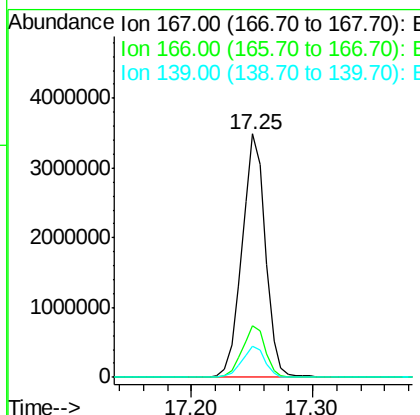
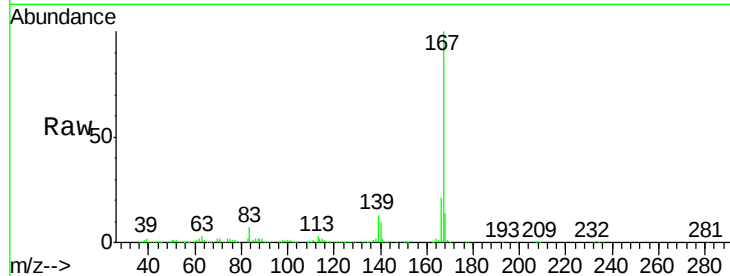
#73
 Carbazole
 Concen: 55.655 ng
 RT: 17.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion:167 Resp: 4726098
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.7 9.8 14.8

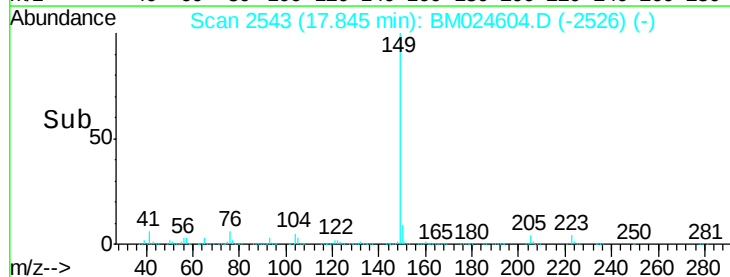
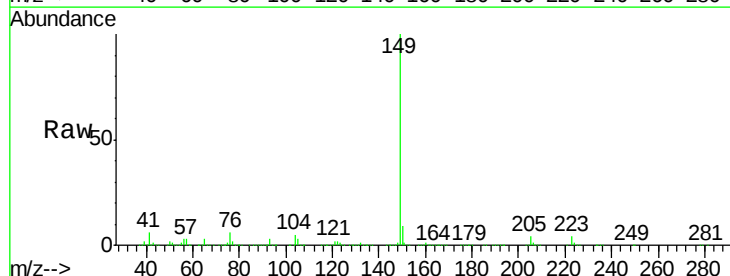
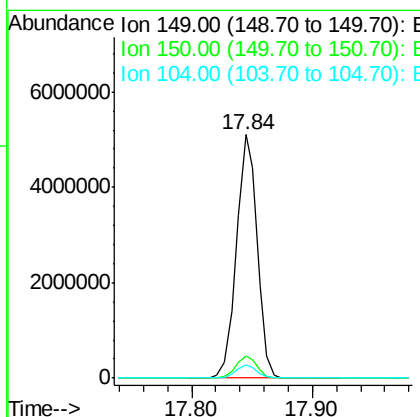
Manual Integrations
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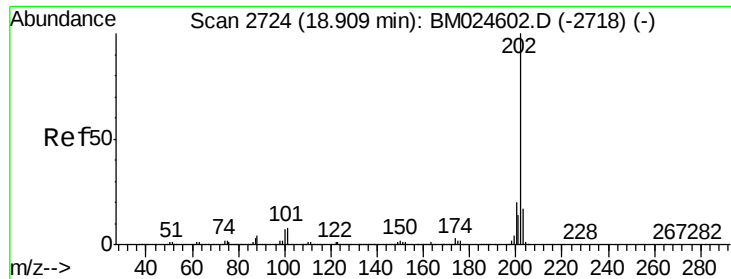
mohammad
 1/24/2020 1:54:56 PM



#74
 Di-n-butylphthalate
 Concen: 62.033 ng
 RT: 17.84 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion:149 Resp: 6076975
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.4 4.3 6.5





#75

Fluoranthene

Concen: 60.019 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:202 Resp: 6648855

Ion Ratio Lower Upper

202 100

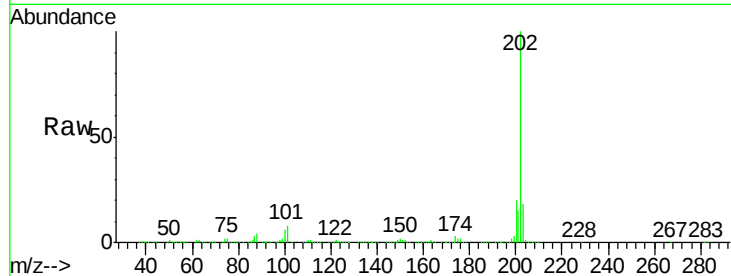
101 7.9 0.0 28.4

203 17.6 0.0 37.5

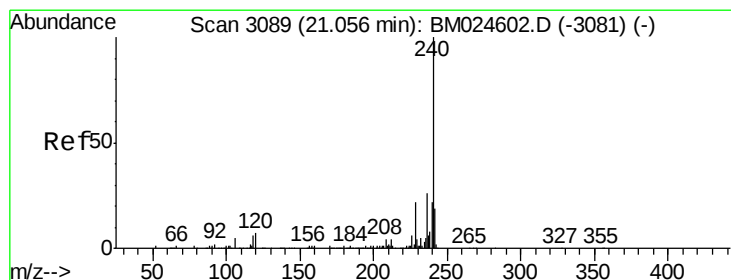
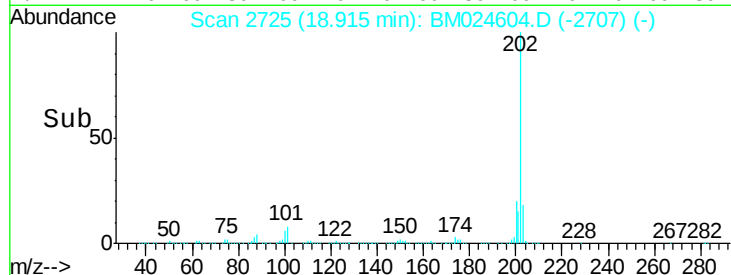
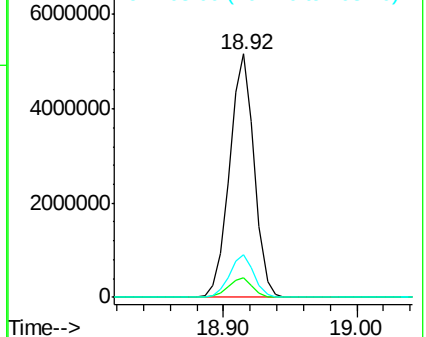
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

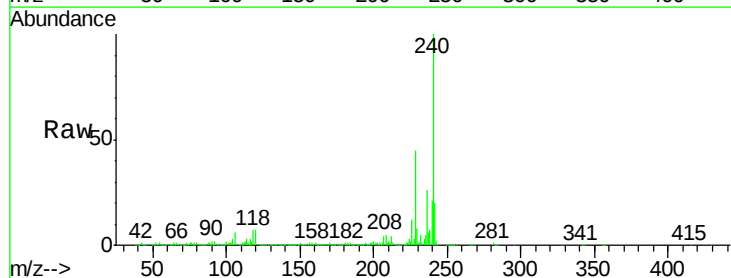
Tgt Ion:240 Resp: 1662155

Ion Ratio Lower Upper

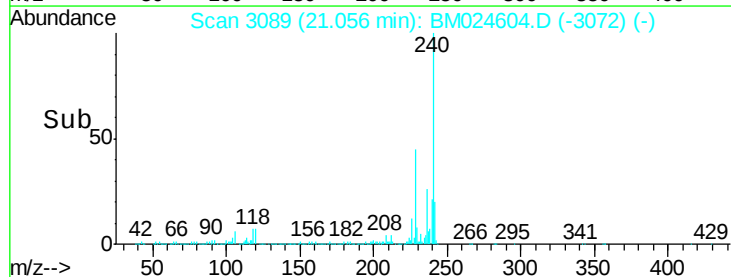
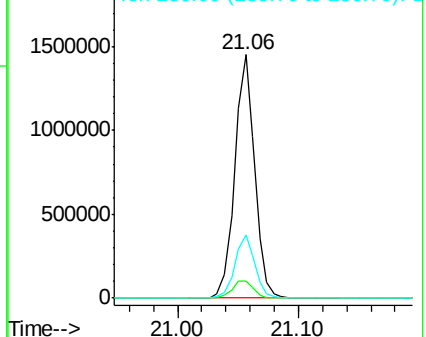
240 100

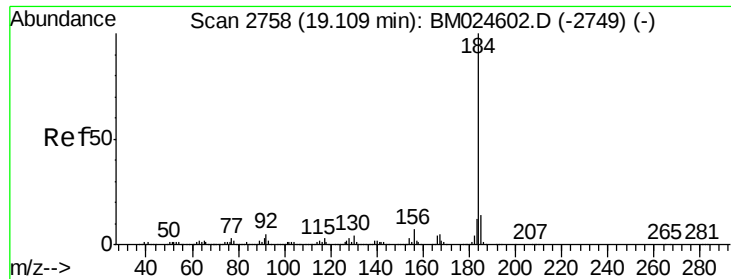
120 7.1 5.3 7.9

236 25.8 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: 78.259 ng

RT: 19.11 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 1903494

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.5	9.6	14.4

184 100

185 14.3 11.3 16.9

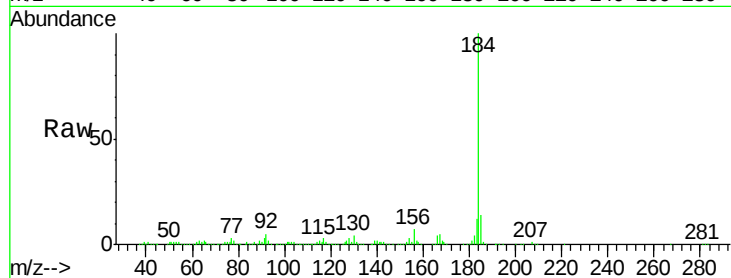
183 11.5 9.6 14.4

Manual Integrations

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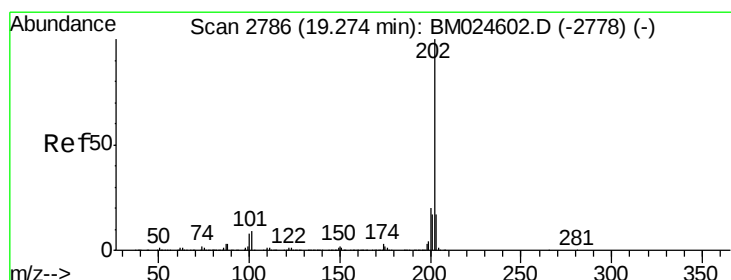
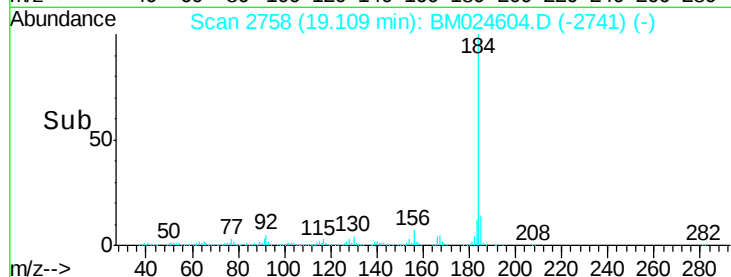
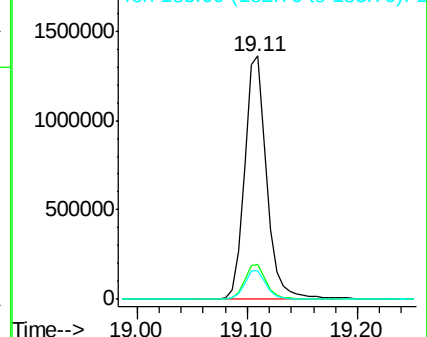
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 61.565 ng

RT: 19.28 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

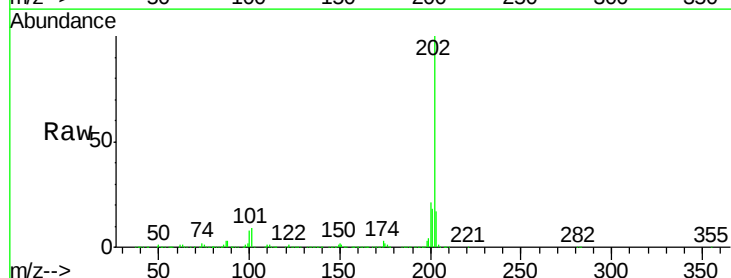
Tgt Ion:202 Resp: 6744073

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.5	14.0	21.0

202 100

200 20.6 16.2 24.2

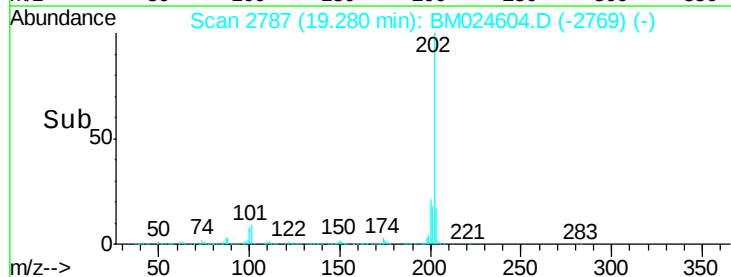
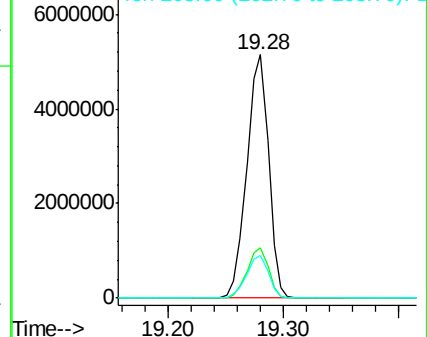
203 17.5 14.0 21.0

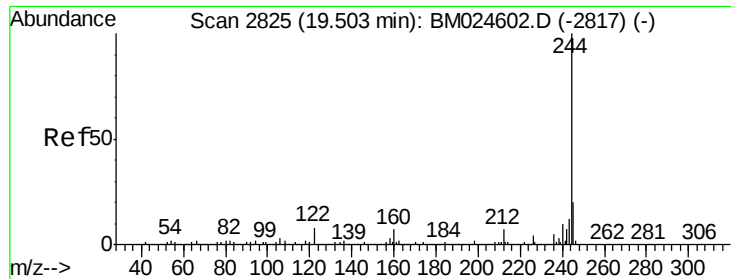


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 141.572 ng
 RT: 19.50 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

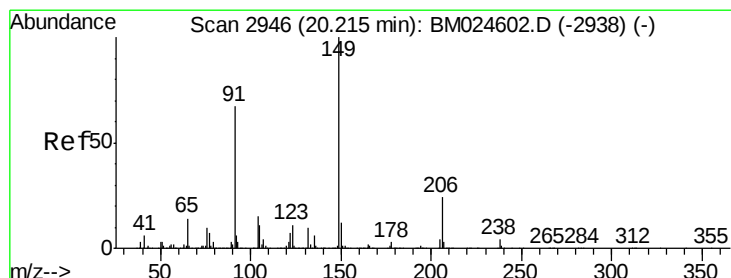
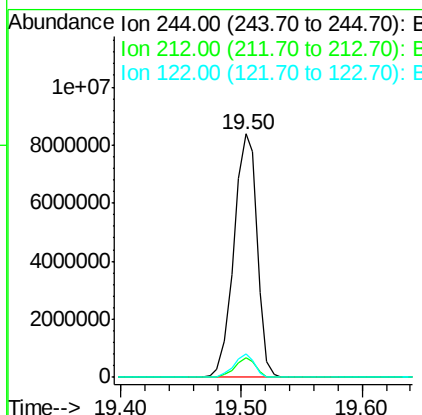
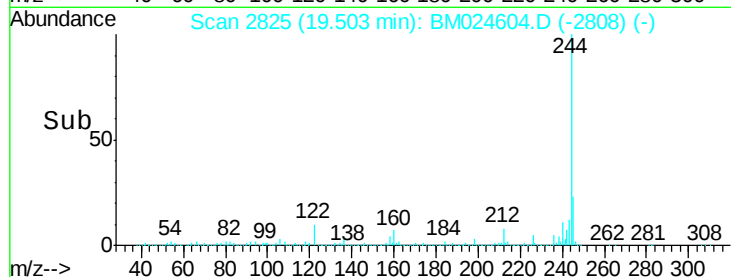
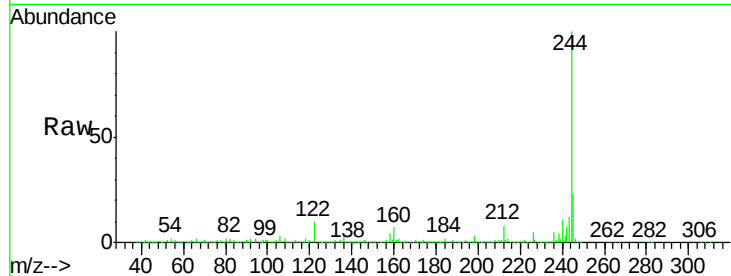
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Tot Ion:244 Resp:11220761

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	9.6	6.2	9.4

Manual Integrations
 APPROVED

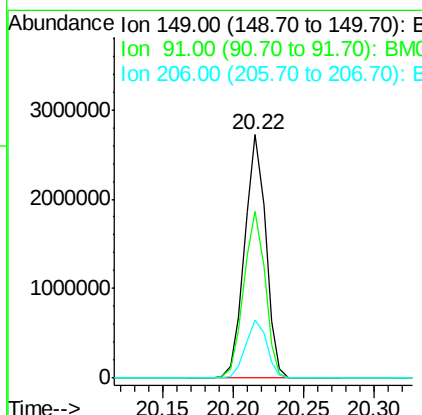
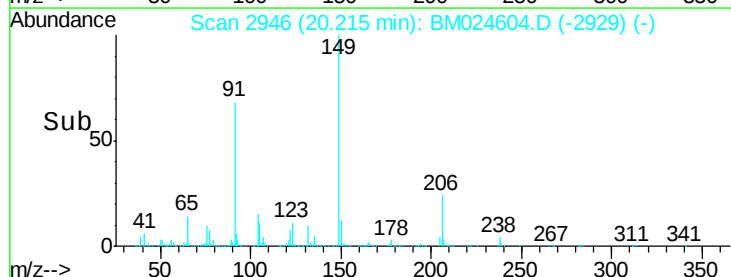
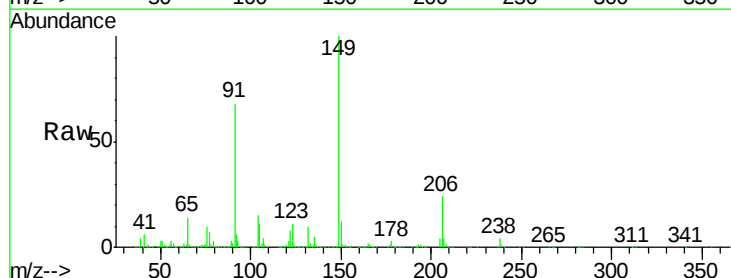
mohammad
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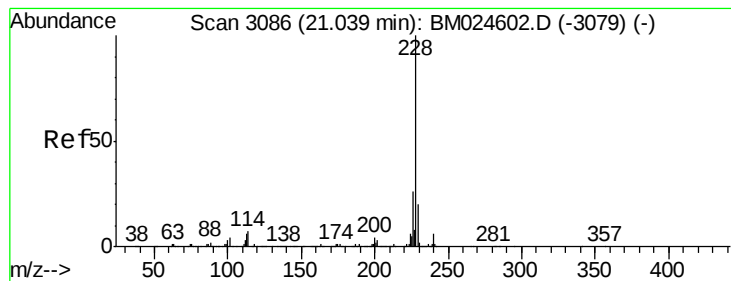


#80
 Butylbenzylphthalate
 Concen: 78.459 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BM024604.D
 Acq: 23 Jan 2020 12:58

Tgt Ion:149 Resp: 2864096

Ion	Ratio	Lower	Upper
149	100		
91	68.3	53.9	80.9
206	24.0	19.0	28.6





#81

Benzo(a)anthracene

Concen: 61.166 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 7005610

Ion Ratio Lower Upper

228 100

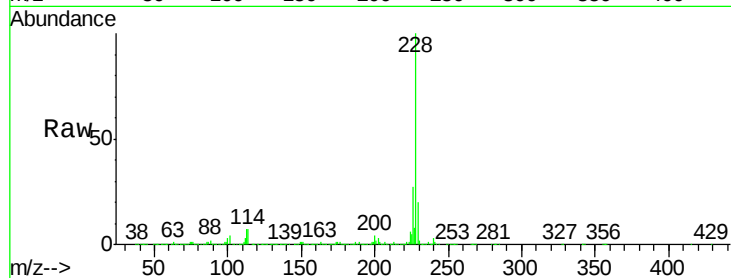
226 26.8 21.1 31.7

229 19.9 15.8 23.6

Manual Integrations
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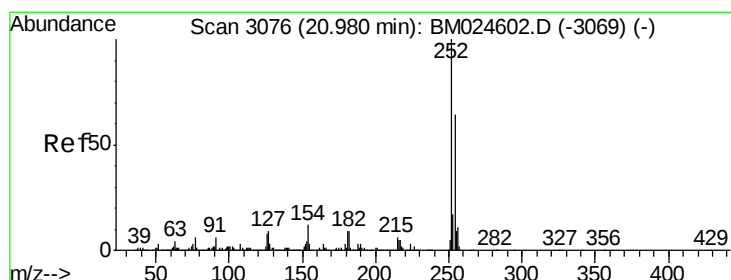
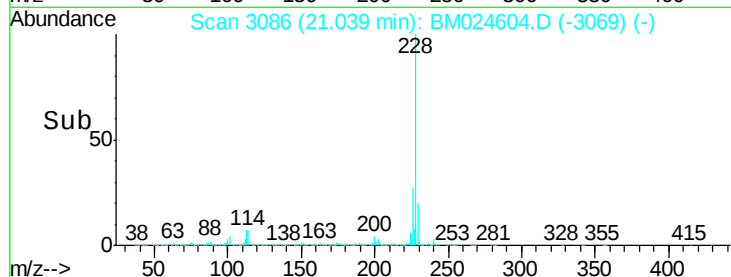
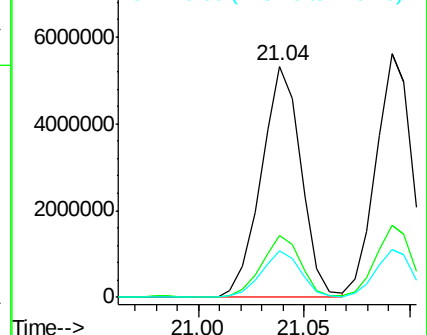
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 72.753 ng

RT: 20.98 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

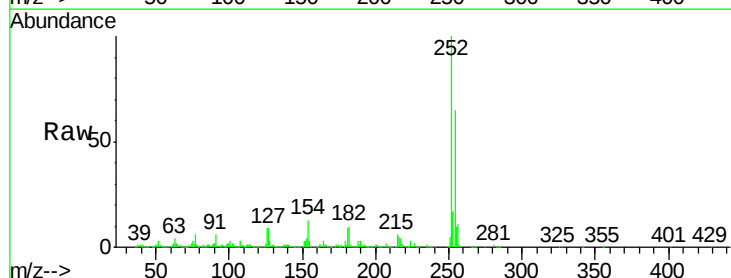
Tgt Ion:252 Resp: 2541828

Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

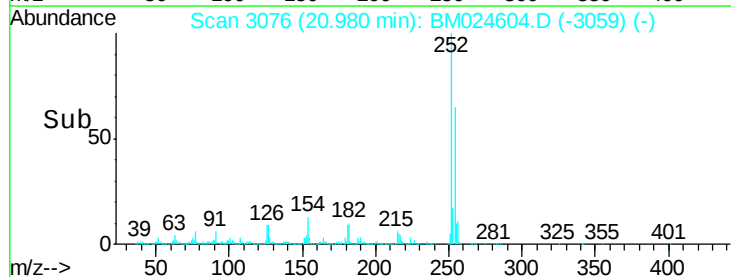
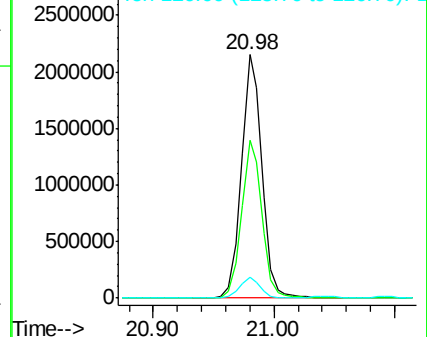
126 8.8 6.7 10.1

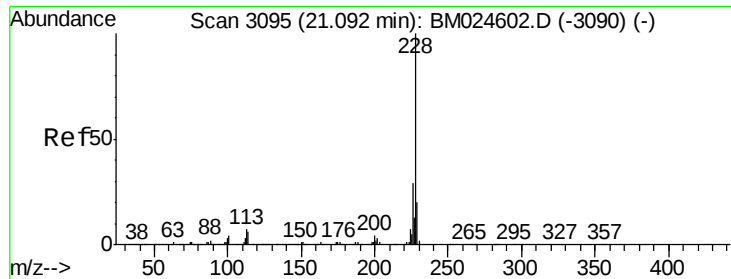


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 61.650 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:228 Resp: 6676876

Ion Ratio Lower Upper

228 100

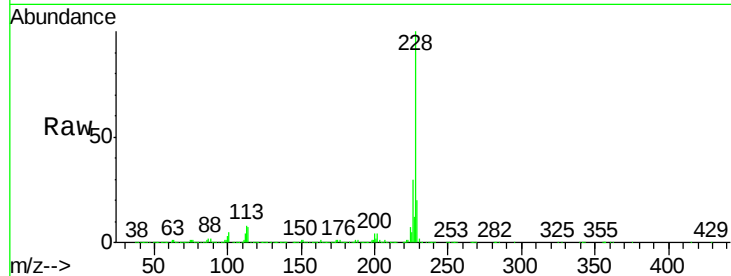
226 29.7 23.2 34.8

229 19.8 15.7 23.5

Manual Integrations
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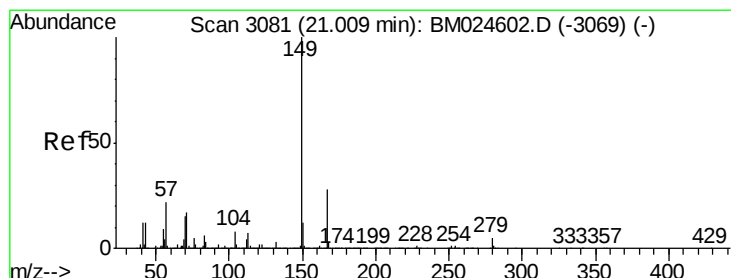
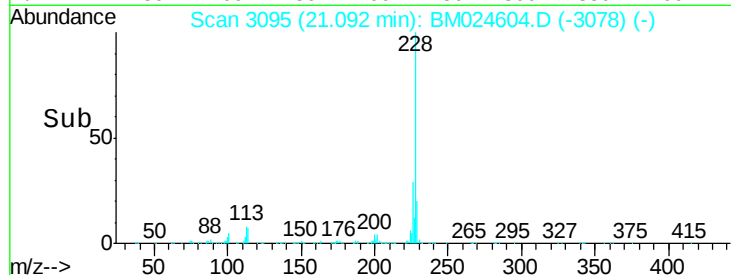
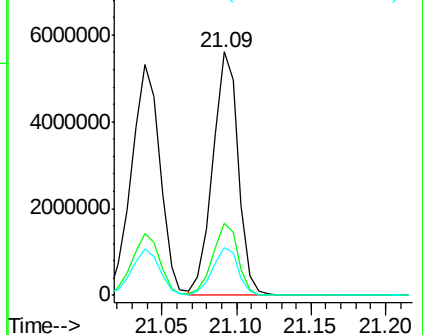
1/24/2020 1:54:56 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.191 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

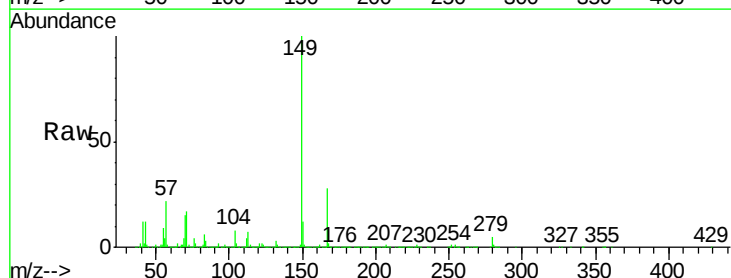
Tgt Ion:149 Resp: 4186135

Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

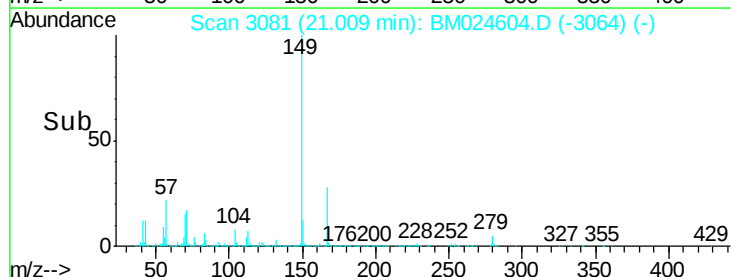
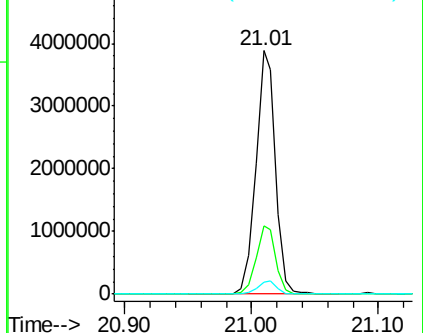
279 5.0 4.0 6.0

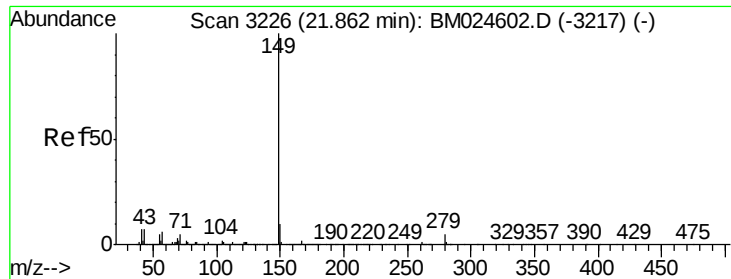


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 74.128 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 6953748

Ion Ratio Lower Upper

149 100

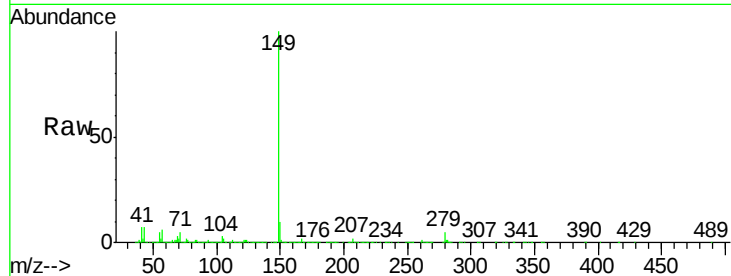
167 1.7 1.3 1.9

43 7.3 5.8 8.6

Manual Integrations
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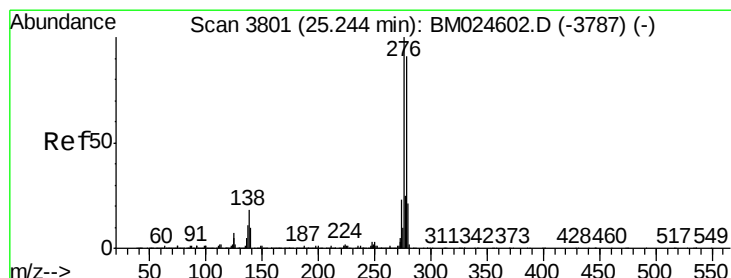
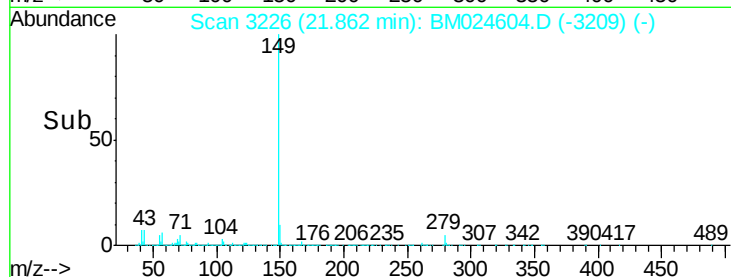
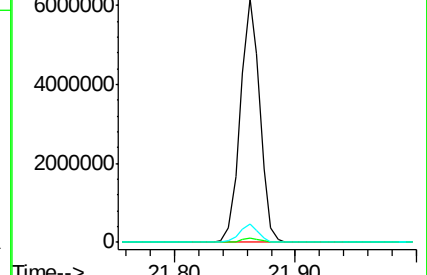
1/24/2020 1:54:56 PM



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: 62.804 ng

RT: 25.25 min Scan# 3802

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

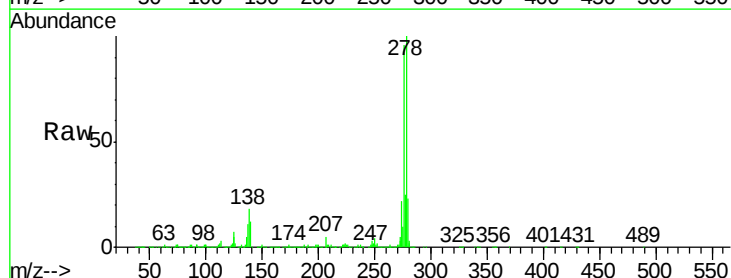
Tgt Ion:276 Resp: 6751522

Ion Ratio Lower Upper

276 100

138 17.7 13.4 20.0

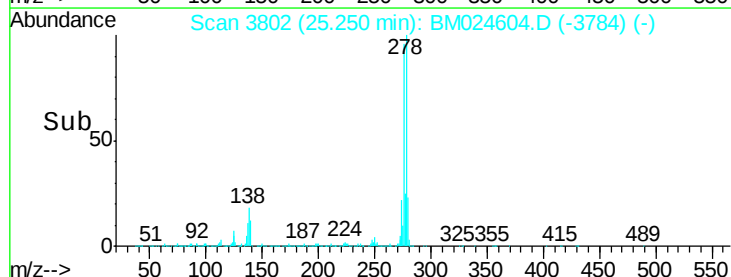
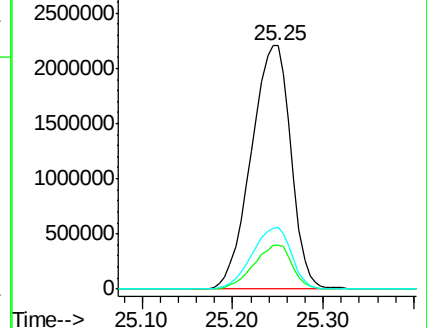
277 25.2 19.6 29.4

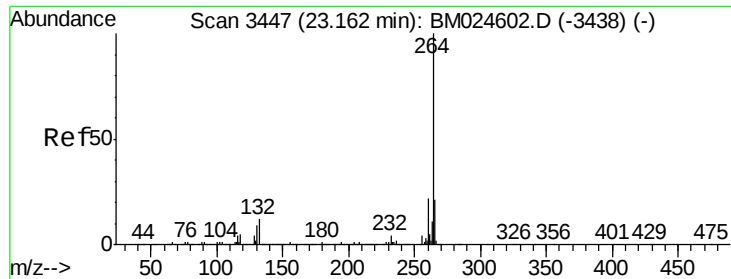


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM024604.D

Acq: 23 Jan 2020 12:58

Instrument :

BNA_M

ClientSampleId :

SSTDICC060

Tot Ion:264 Resp: 1745565

Ion Ratio Lower Upper

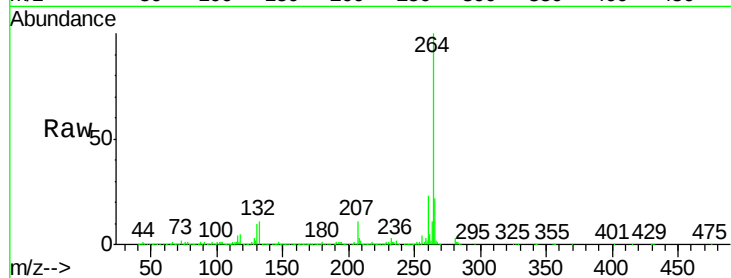
264 100

260 23.0 17.9 26.9

265 21.7 17.3 25.9

Manual Integrations
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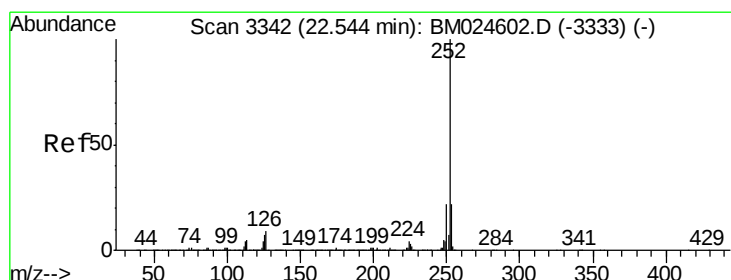
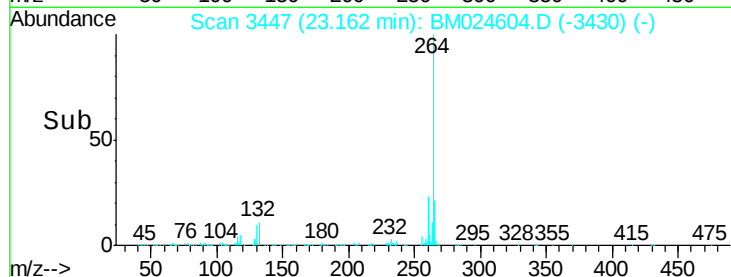
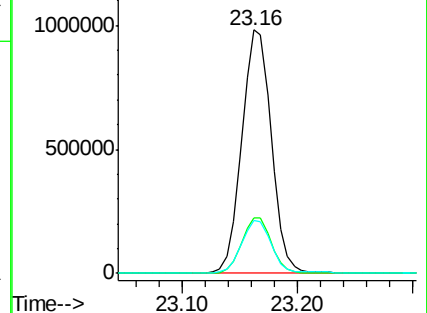
mohammad
1/24/2020 1:54:56 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 58.462 ng

RT: 22.55 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BM024604.D

Acq: 23 Jan 2020 12:58

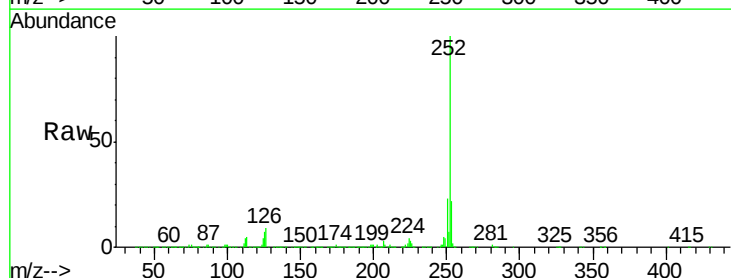
Tgt Ion:252 Resp: 6904775

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

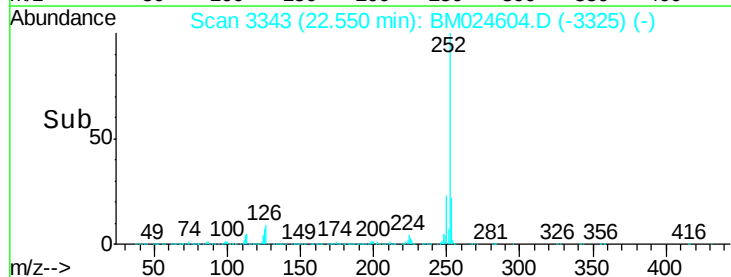
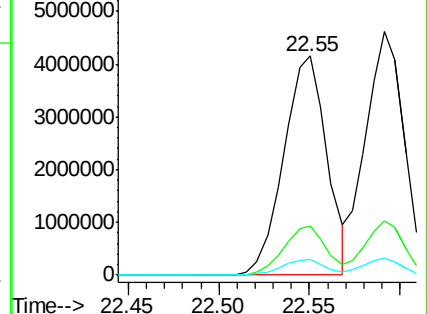
125 7.0 5.7 8.5

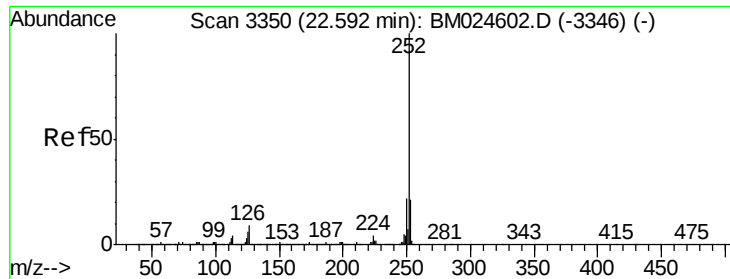


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





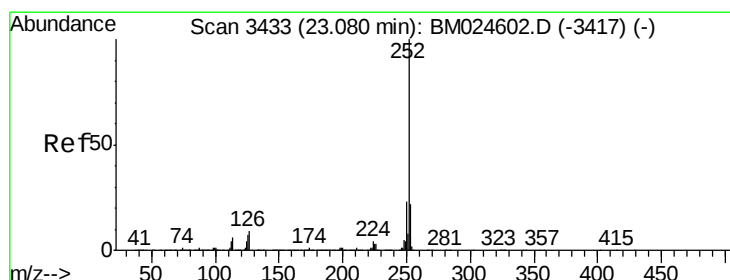
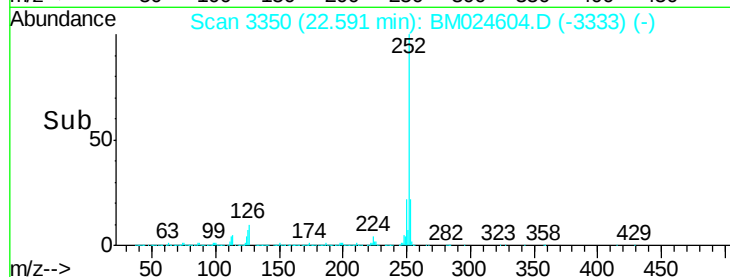
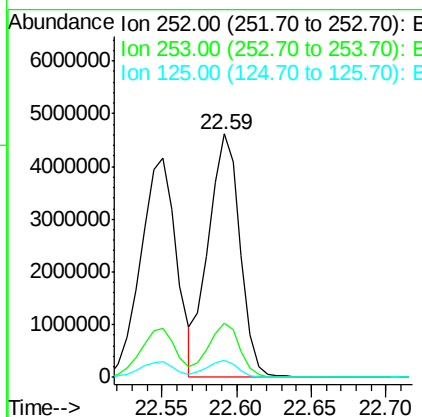
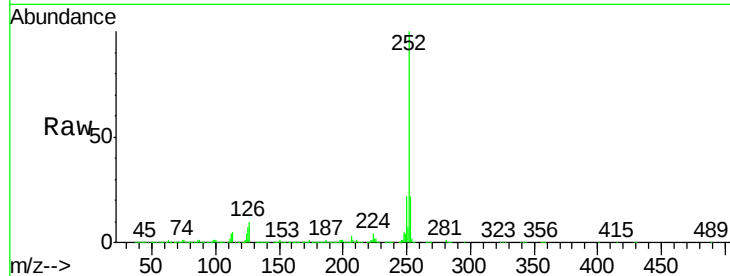
#89
Benzo(k)fluoranthene
Concen: 60.281 ng
RT: 22.59 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion:252 Resp: 6840525
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.2 5.2 7.8

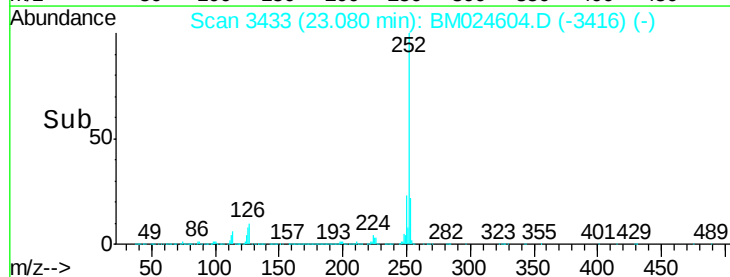
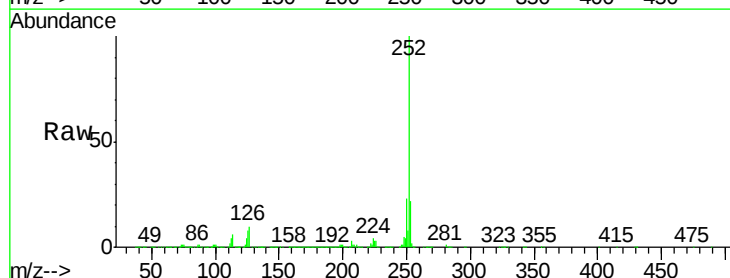
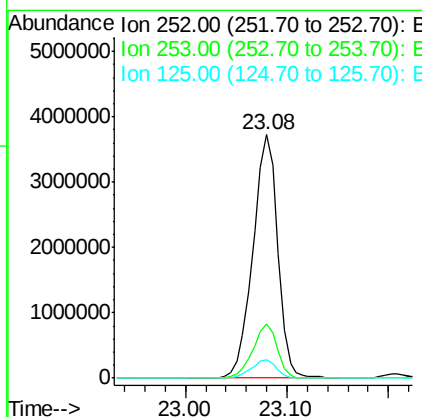
Manual Integrations
APPROVED

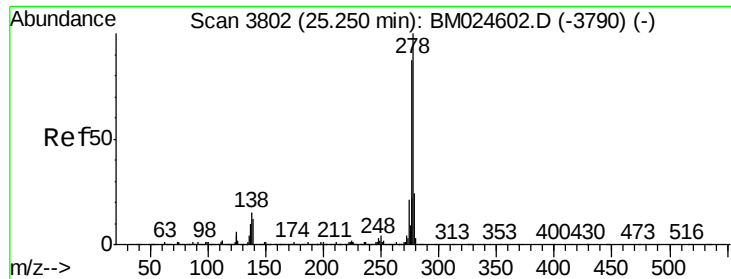
mohammad
1/24/2020 1:54:56 PM



#90
Benzo(a)pyrene
Concen: 59.980 ng
RT: 23.08 min Scan# 3433
Delta R.T. -0.00 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion:252 Resp: 6310184
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.7 5.8 8.8





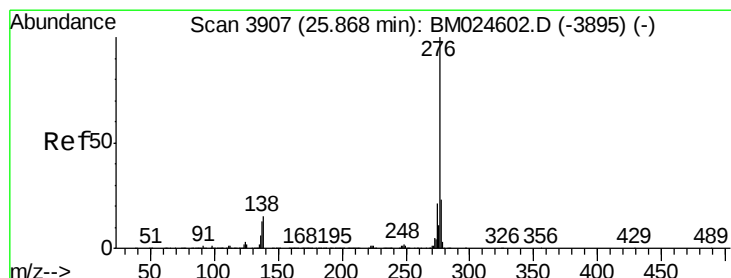
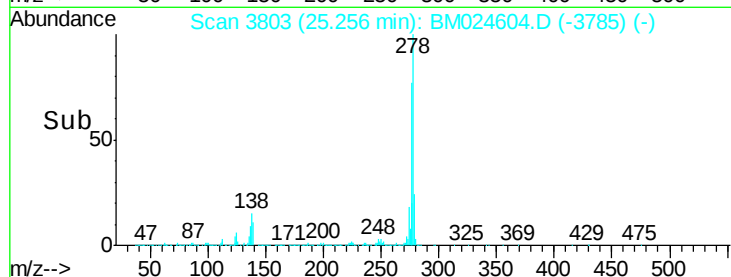
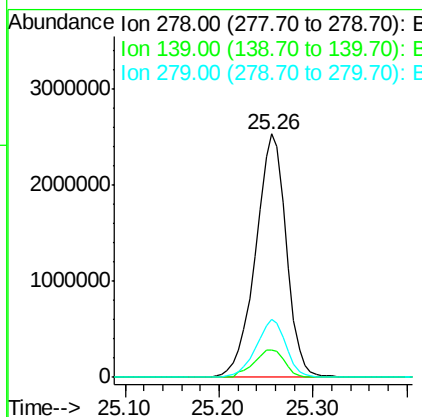
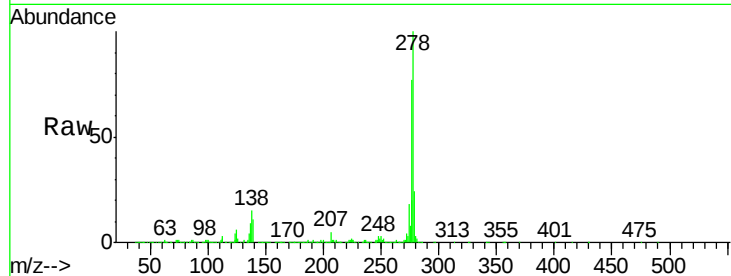
#91
Dibenzo(a,h)anthracene
Concen: 60.844 ng
RT: 25.26 min Scan# 3803
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.3	13.9
279	23.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:56 PM



#92
Benzo(g,h,i)perylene
Concen: 59.938 ng
RT: 25.87 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BM024604.D
Acq: 23 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	14.6	11.9	17.9

