

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024111.D
 Acq On : 16 Dec 2019 16:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:14 PM

Quant Time: Dec 16 17:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	364100	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1630097	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1088717	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2369729	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2408466	20.00	ng	0.00
87) Perylene-d12	23.22	264	2835634	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1600086	69.70	ng	0.00
7) Phenol-d6	6.65	99	2457863	83.36	ng	0.00
23) Nitrobenzene-d5	8.61	82	2652787	90.34	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	1170381	86.12	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	5944634	75.19	ng	0.00
79) Terphenyl-d14	19.53	244	10028755	80.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	342990	37.129	ng	# 100
3) Pyridine	3.43	79	1064990	43.738	ng	100
4) n-Nitrosodimethylamine	3.35	42	320550	36.163	ng	100
6) Aniline	6.80	93	1584525	44.816	ng	100
8) 2-Chlorophenol	7.03	128	945748	40.433	ng	100
9) Benzaldehyde	6.62	77	582854	34.715	ng	100
10) Phenol	6.68	94	1271321	45.797	ng	100
11) bis(2-Chloroethyl)ether	6.90	93	987783	45.290	ng	100
12) 1,3-Dichlorobenzene	7.35	146	1065197	38.102	ng	100
13) 1,4-Dichlorobenzene	7.49	146	1090345	38.525	ng	100
14) 1,2-Dichlorobenzene	7.80	146	1067284	39.554	ng	100
15) Benzyl Alcohol	7.71	79	955311	51.777	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.99	45	1225240	38.673	ng	100
17) 2-Methylphenol	7.92	107	861561	46.889	ng	100
18) Hexachloroethane	8.52	117	406975	39.206	ng	100
19) n-Nitroso-di-n-propylamine	8.27	70	922365	56.017	ng	100
20) 3+4-Methylphenols	8.25	107	1194678	48.815	ng	100
22) Acetophenone	8.28	105	1693674	42.092	ng	100
24) Nitrobenzene	8.65	77	1292069	45.986	ng	100
25) Isophorone	9.18	82	2377785	49.245	ng	100
26) 2-Nitrophenol	9.36	139	563915	46.491	ng	100
27) 2,4-Dimethylphenol	9.43	122	813413	40.058	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	1502611	44.972	ng	100
29) 2,4-Dichlorophenol	9.89	162	972077	42.342	ng	100
30) 1,2,4-Trichlorobenzene	10.09	180	1090799	38.618	ng	100
31) Naphthalene	10.28	128	3276392	40.679	ng	100
32) Benzoic acid	9.61	122	745752m	57.062	ng	
33) 4-Chloroaniline	10.40	127	1464297	41.872	ng	100
34) Hexachlorobutadiene	10.56	225	625752	37.164	ng	100
35) Caprolactam	11.21	113	370214m	54.394	ng	
36) 4-Chloro-3-methylphenol	11.55	107	1157445	51.675	ng	100
37) 2-Methylnaphthalene	11.90	142	2425483	43.262	ng	100
38) 1-Methylnaphthalene	12.13	142	2326029	43.707	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	1208382	32.756	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024111.D
 Acq On : 16 Dec 2019 16:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:14 PM

Quant Time: Dec 16 17:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	432590	21.492	nq	100
43) 2,4,6-Trichlorophenol	12.53	196	836138	39.271	nq	100
44) 2,4,5-Trichlorophenol	12.61	196	854093	38.494	nq	100
46) 1,1'-Biphenyl	12.94	154	3267016	36.257	nq	100
47) 2-Chloronaphthalene	12.98	162	2583697	38.471	nq	100
48) 2-Nitroaniline	13.20	65	873947	49.974	nq	100
49) Acenaphthylene	13.83	152	4027814	40.500	nq	100
50) Dimethylphthalate	13.59	163	3339477	42.444	nq	100
51) 2,6-Dinitrotoluene	13.71	165	729489	44.325	nq	100
52) Acenaphthene	14.18	154	2451801	37.682	nq	100
53) 3-Nitroaniline	14.04	138	812942	42.908	nq	100
54) 2,4-Dinitrophenol	14.26	184	397590	51.166	nq	100
55) Dibenzofuran	14.52	168	3860125	40.638	nq	100
56) 4-Nitrophenol	14.37	139	603730	41.458	nq	100
57) 2,4-Dinitrotoluene	14.52	165	1037628	48.127	nq	100
58) Fluorene	15.17	166	3212836	41.623	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	801403	41.416	nq	100
60) Diethylphthalate	14.97	149	3408021	44.548	nq	100
61) 4-Chlorophenyl-phenylether	15.18	204	1586210	39.994	nq	100
62) 4-Nitroaniline	15.22	138	811557	40.857	nq	100
63) Azobenzene	15.47	77	3343773	48.400	nq	100
65) 4,6-Dinitro-2-methylphenol	15.29	198	533312	48.055	nq	100
66) n-Nitrosodiphenylamine	15.40	169	2793461	38.586	nq	100
67) 4-Bromophenyl-phenylether	16.07	248	1038621	39.406	nq	100
68) Hexachlorobenzene	16.19	284	1264020	41.123	nq	100
69) Atrazine	16.36	200	747405	31.758	nq	100
70) Pentachlorophenol	16.53	266	622193	37.956	nq	100
71) Phenanthrene	16.92	178	5132481	38.384	nq	100
72) Anthracene	17.00	178	5035248	38.855	nq	100
73) Carbazole	17.29	167	4783846	39.670	nq	100
74) Di-n-butylphthalate	17.86	149	5923482	43.320	nq	100
75) Fluoranthene	18.95	202	5957573	39.484	nq	100
77) Benzidine	19.15	184	2066926	31.283	nq	100
78) Pyrene	19.31	202	6123187	38.794	nq	100
80) Butylbenzylphthalate	20.23	149	2806256	46.781	nq	100
81) Benzo(a)anthracene	21.07	228	6141082	39.342	nq	100
82) 3,3'-Dichlorobenzidine	21.01	252	2256913	40.770	nq	100
83) Chrysene	21.12	228	5857467	38.706	nq	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	4047864	45.542	nq	100
85) Di-n-octyl phthalate	21.87	149	6801772	48.016	nq	100
86) Indeno(1,2,3-cd)pyrene	25.33	276	7532706	41.704	nq	# 100
88) Benzo(b)fluoranthene	22.59	252	6836597	39.820	nq	100
89) Benzo(k)fluoranthene	22.63	252	6413555	37.648	nq	100
90) Benzo(a)pyrene	23.13	252	6204702	39.220	nq	100
91) Dibenzo(a,h)anthracene	25.34	278	6242498	37.723	nq	100
92) Benzo(g,h,i)perylene	25.97	276	5877024	37.391	nq	100

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

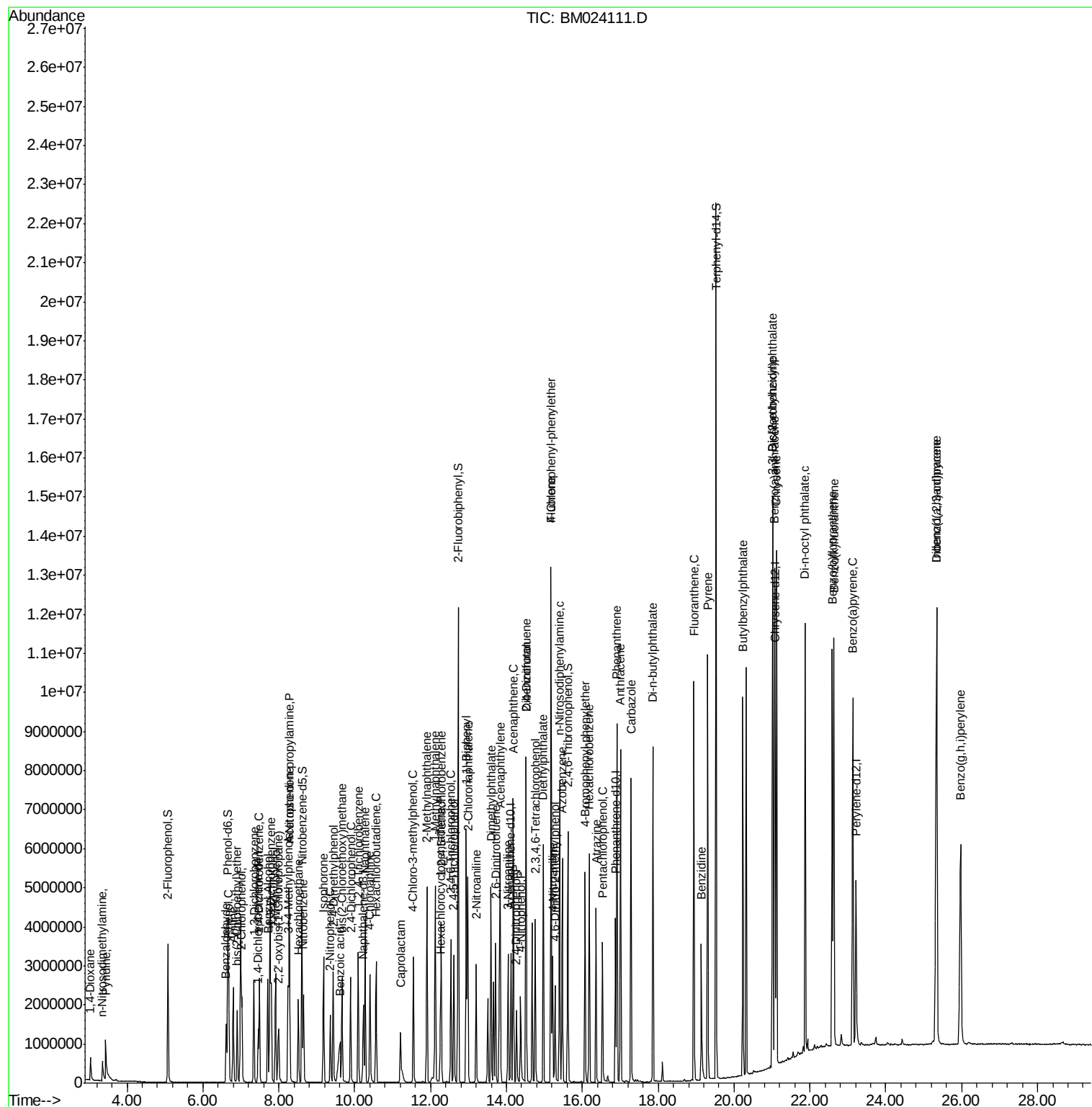
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024111.D
 Acq On : 16 Dec 2019 16:45
 Operator : JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

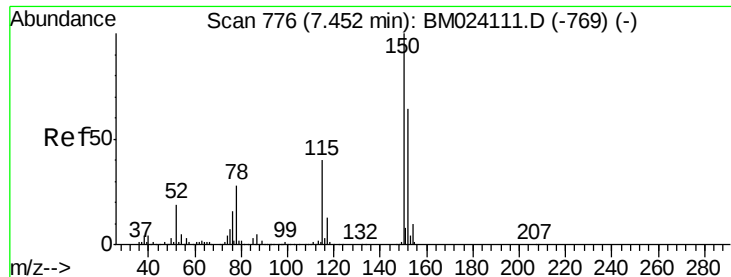
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 12/17/2019 3:20:14 PM

Quant Time: Dec 16 17:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration





#1

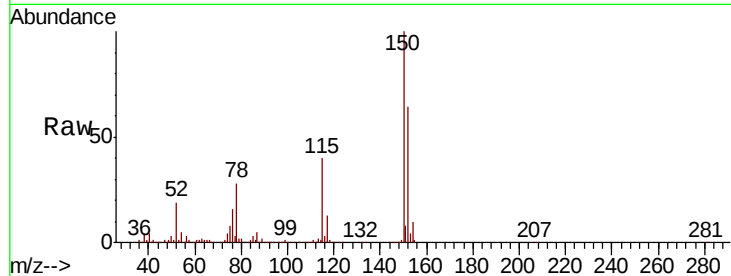
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 776
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.0	187.6
115	62.2	49.8	74.6

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM

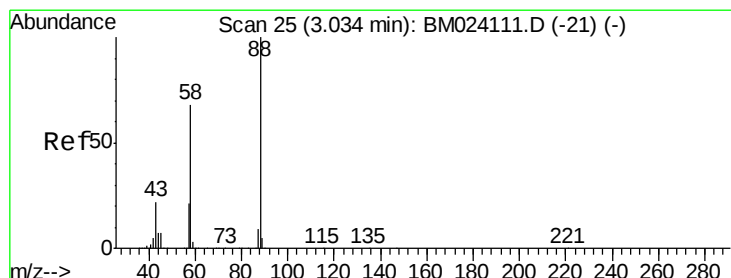
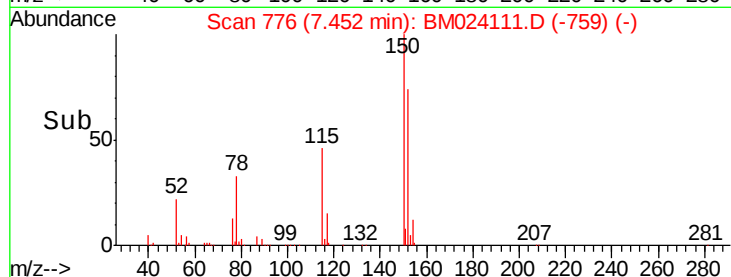
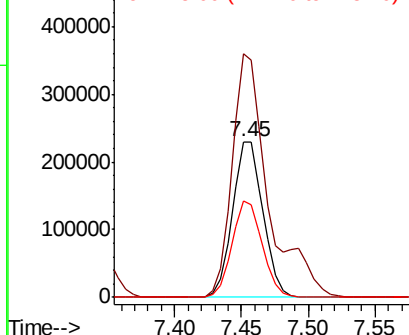


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

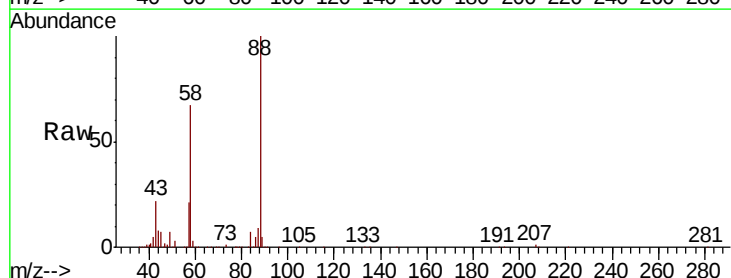
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.129 ng
RT: 3.03 min Scan# 25
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	0.0	0.0#
43	23.4	0.0	0.0#

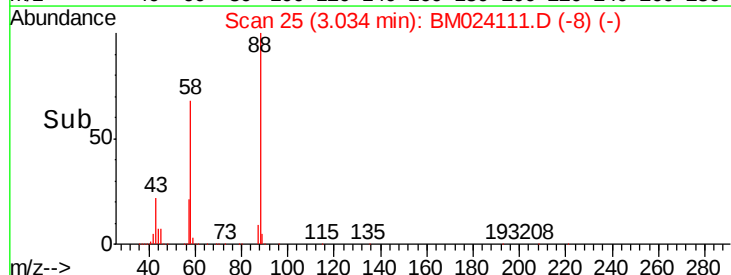
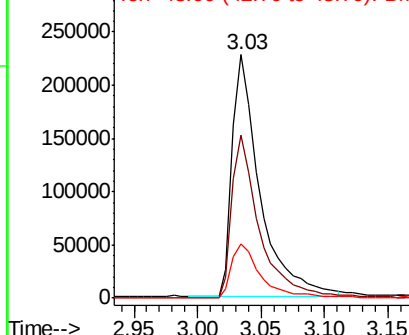


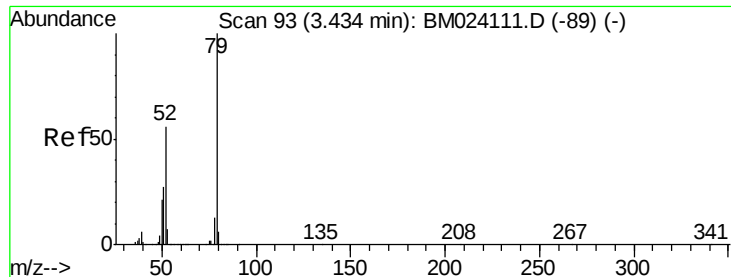
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





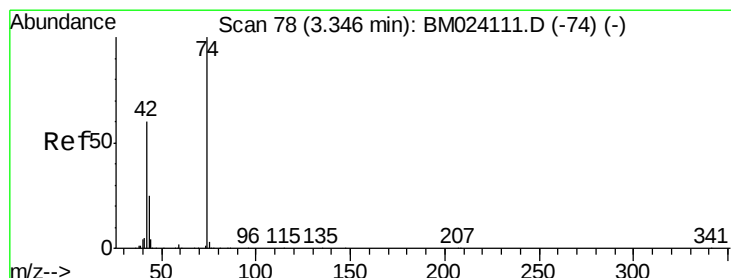
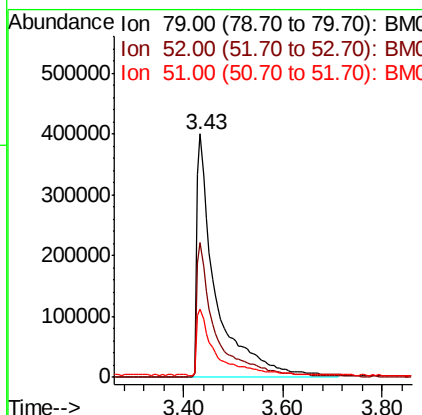
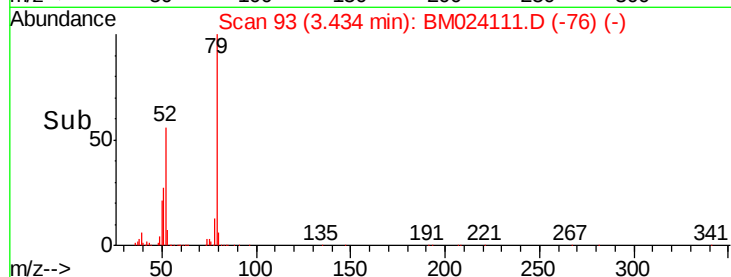
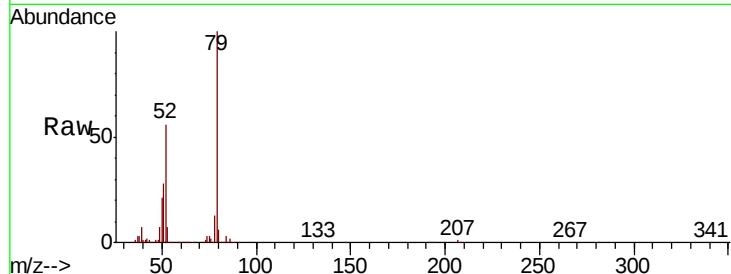
#3
 Pvridine
 Concen: 43.738 ng
 RT: 3.43 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion: 79 Resp: 1064990
 Ion Ratio Lower Upper
 79 100
 52 55.6 44.5 66.7
 51 28.2 22.6 33.8

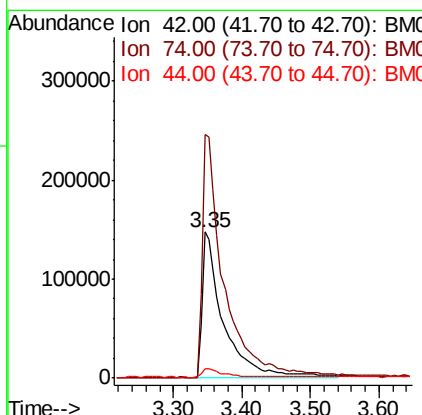
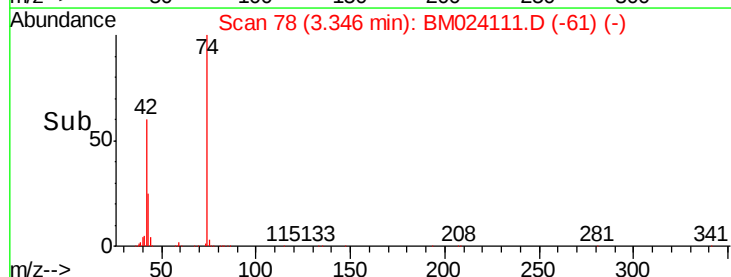
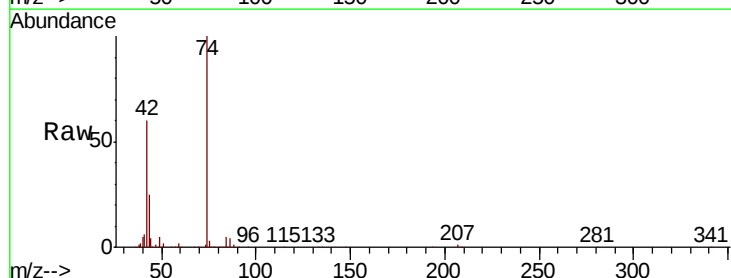
Manual Integrations
 APPROVED

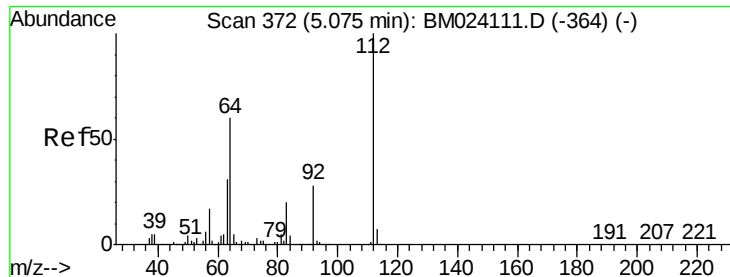
mohammad
 12/17/2019 3:20:14 PM



#4
 n-Nitrosodimethylamine
 Concen: 36.163 ng
 RT: 3.35 min Scan# 78
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Tgt Ion: 42 Resp: 320550
 Ion Ratio Lower Upper
 42 100
 74 167.0 133.6 200.4
 44 6.7 5.4 8.0





#5

2-Fluorophenol

Concen: 69.697 ng

RT: 5.08 min Scan# 372

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:112 Resp: 1600086

Ion Ratio Lower Upper

112 100

64 60.5 48.4 72.6

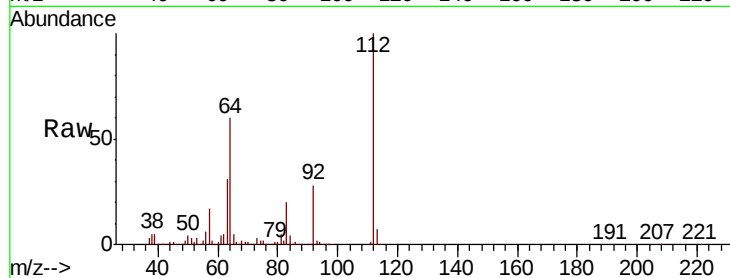
63 30.5 24.4 36.6

Manual Integrations

APPROVED

mohammad

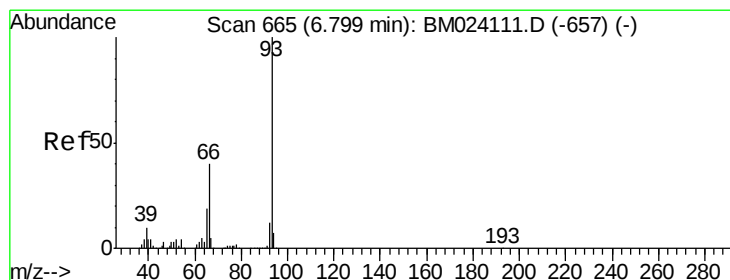
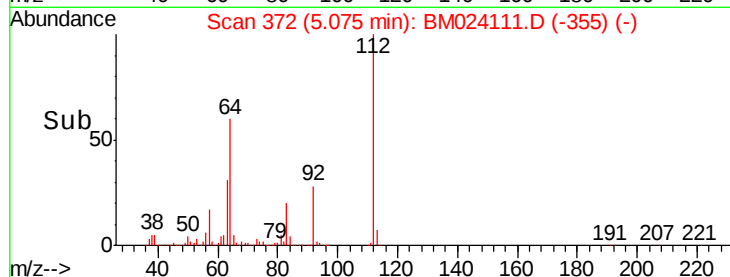
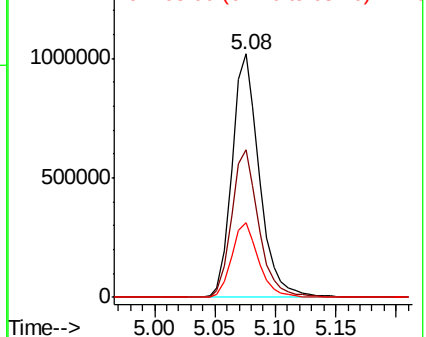
12/17/2019 3:20:14 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BMO

Ion 63.00 (62.70 to 63.70): BMO



#6

Aniline

Concen: 44.816 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

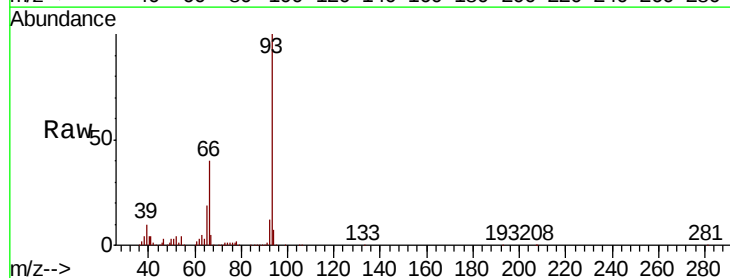
Tgt Ion: 93 Resp: 1584525

Ion Ratio Lower Upper

93 100

66 40.0 32.0 48.0

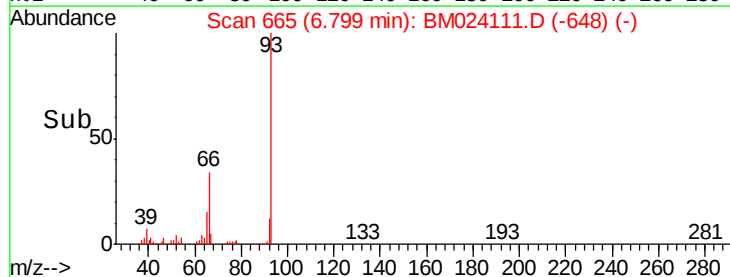
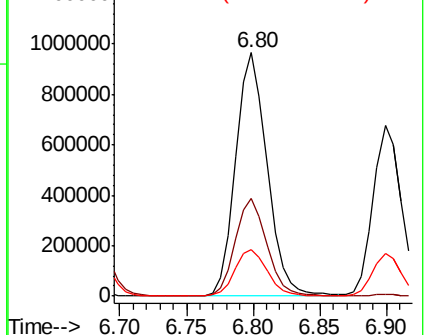
65 19.2 15.4 23.0

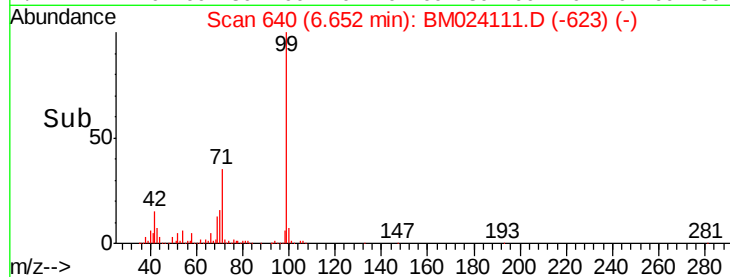
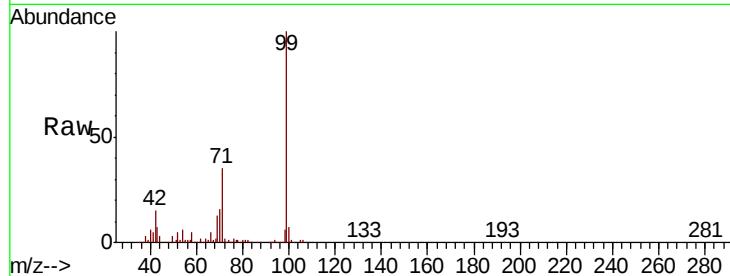
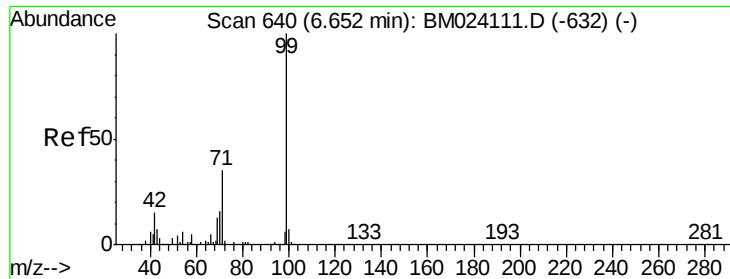


Abundance Ion 93.00 (92.70 to 93.70): BMO

Ion 66.00 (65.70 to 66.70): BMO

Ion 65.00 (64.70 to 65.70): BMO





#7

Phenol-d6

Concen: 83.356 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tot Ion: 99 Resp: 2457863

Ion Ratio Lower Upper

99 100

42 14.9 11.9 17.9

71 35.0 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

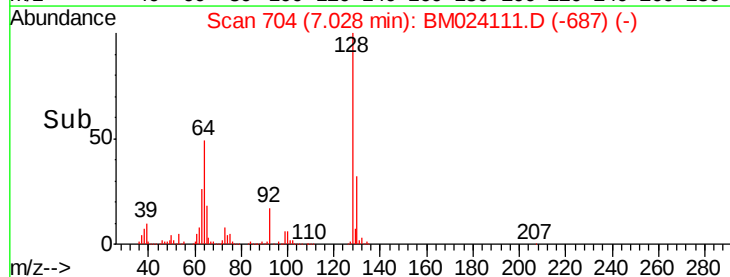
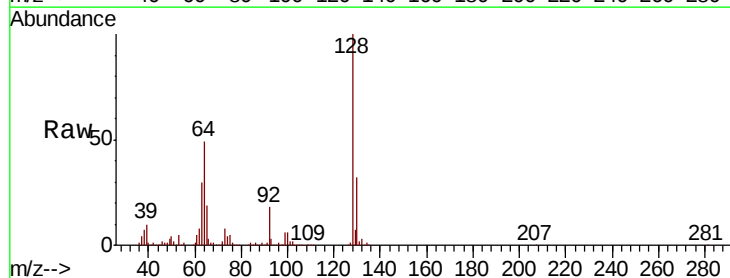
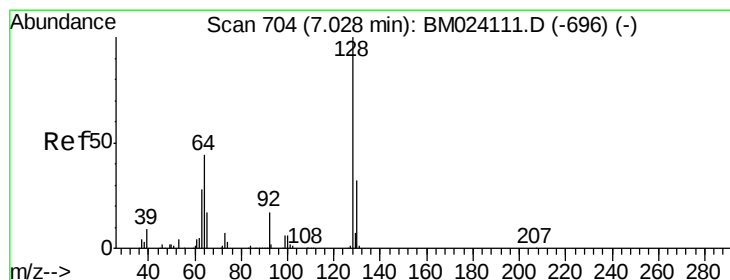
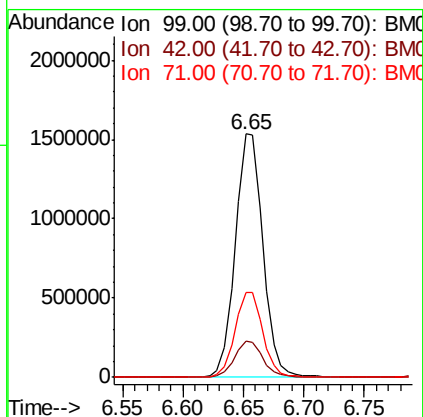
SSTDICCC040

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:14 PM



#8

2-Chlorophenol

Concen: 40.433 ng

RT: 7.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

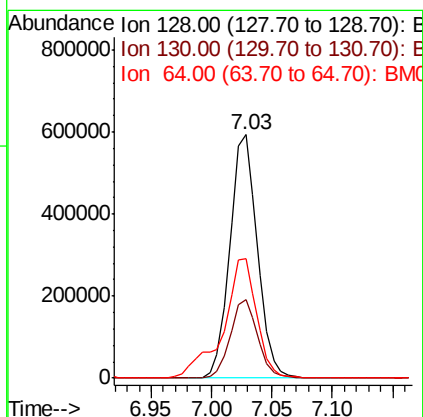
Tgt Ion: 128 Resp: 945748

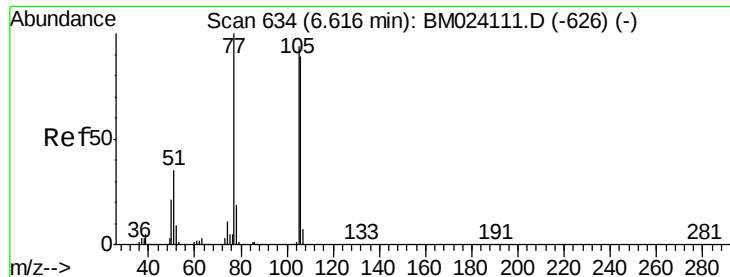
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 48.9 28.9 68.9





#9

Benzaldehyde

Concen: 34.715 ng

RT: 6.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

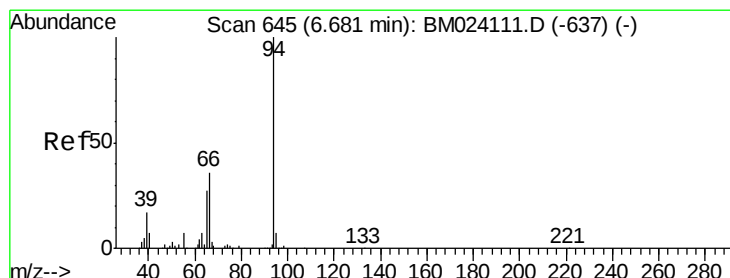
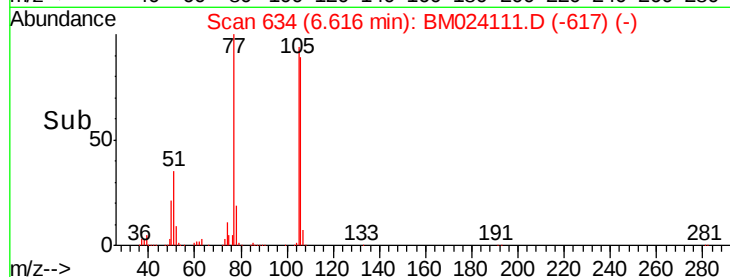
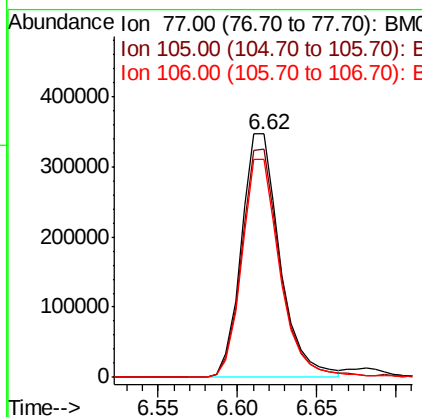
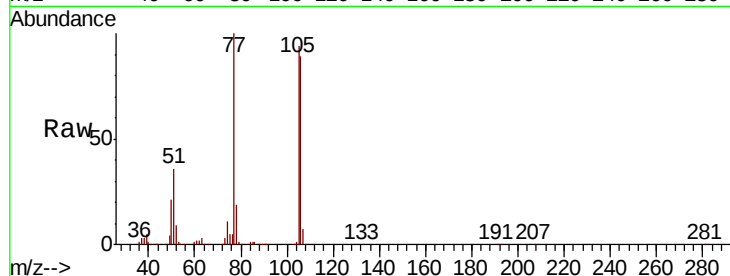
ClientSampleId :

SSTDICCC040

Tot Ion:	77	Resp:	582854
Ion Ratio	Lower	Upper	
77	100		
105	93.9	73.9	113.9
106	89.3	69.3	109.3

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM



#10

Phenol

Concen: 45.797 ng

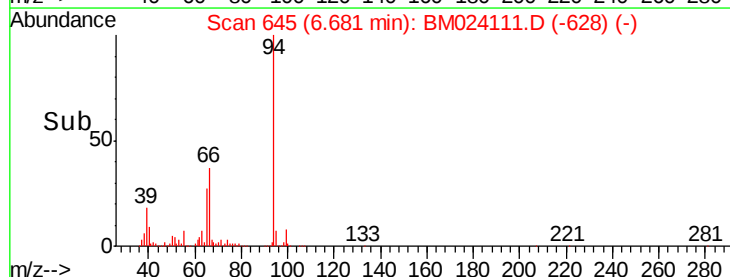
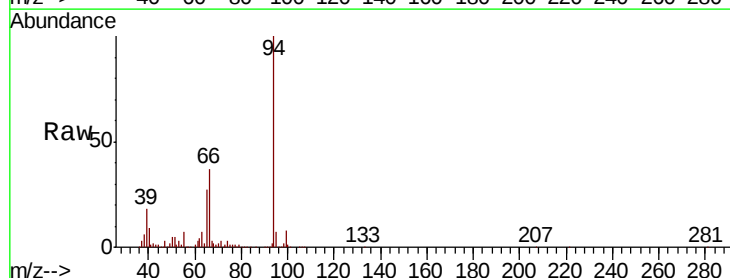
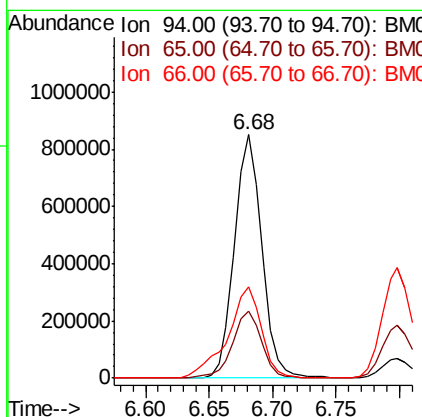
RT: 6.68 min Scan# 645

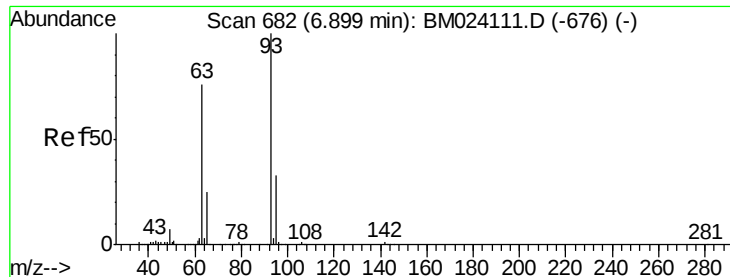
Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Tgt Ion:	94	Resp:	1271321
Ion Ratio	Lower	Upper	
94	100		
65	27.3	7.3	47.3
66	37.3	17.3	57.3





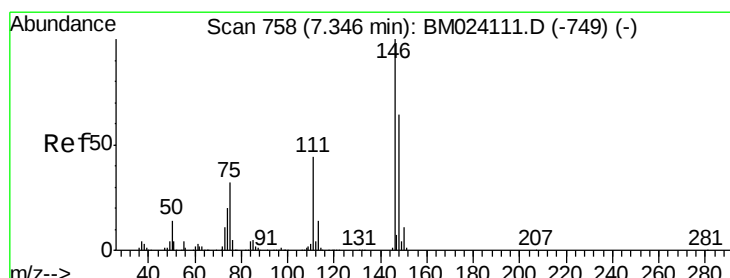
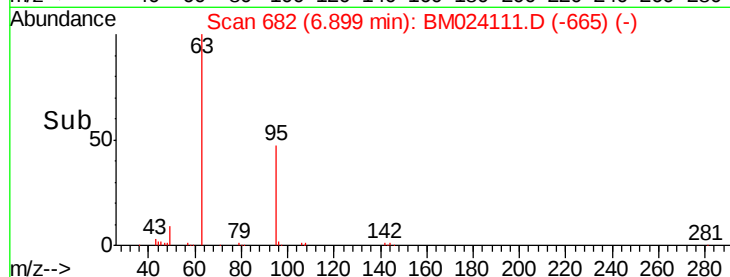
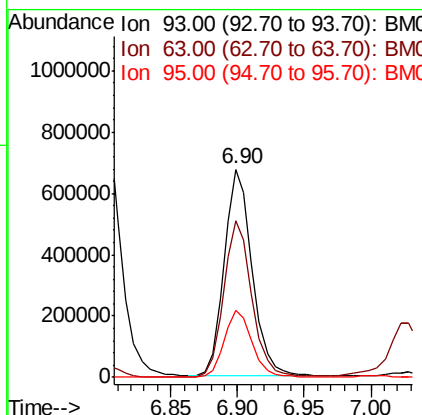
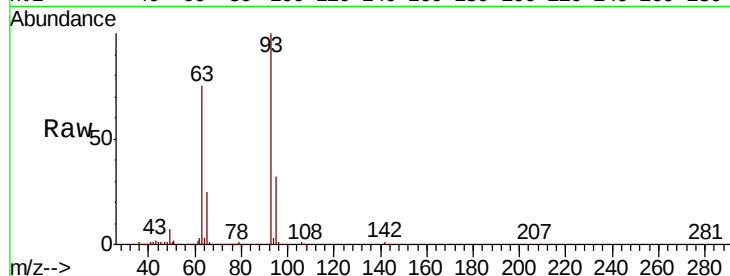
#11
bis(2-Chloroethyl)ether
Concen: 45.290 ng
RT: 6.90 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	55.0	95.0
95	32.4	12.4	52.4

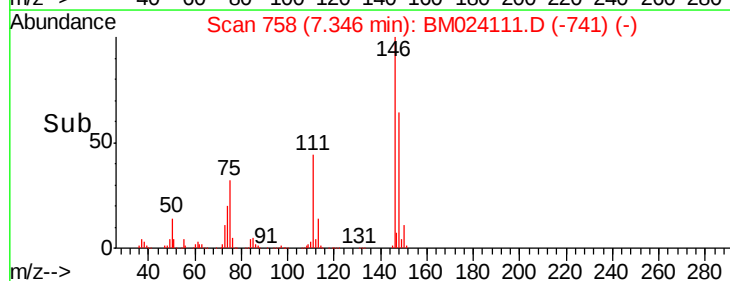
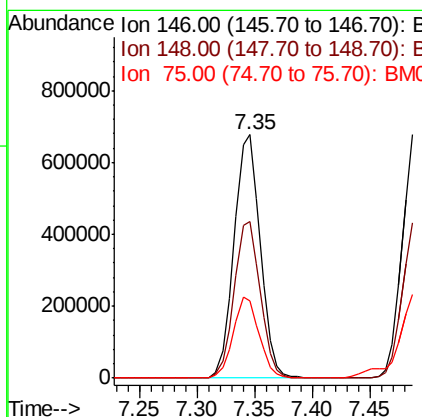
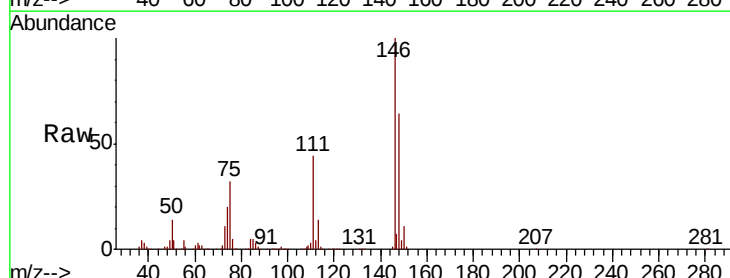
Manual Integrations
APPROVED

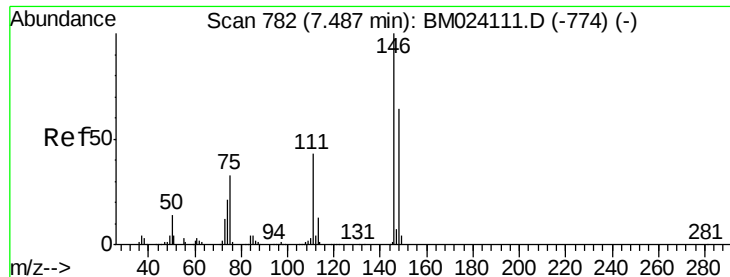
mohammad
12/17/2019 3:20:14 PM



#12
1,3-Dichlorobenzene
Concen: 38.102 ng
RT: 7.35 min Scan# 758
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	31.9	25.5	38.3





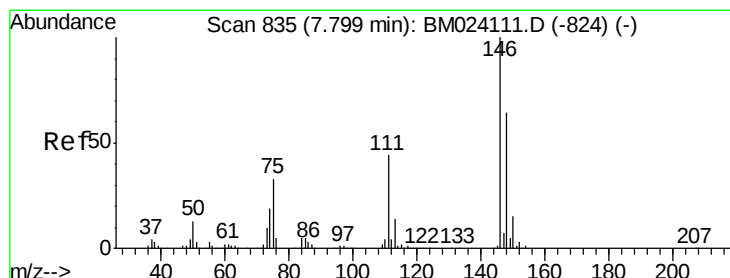
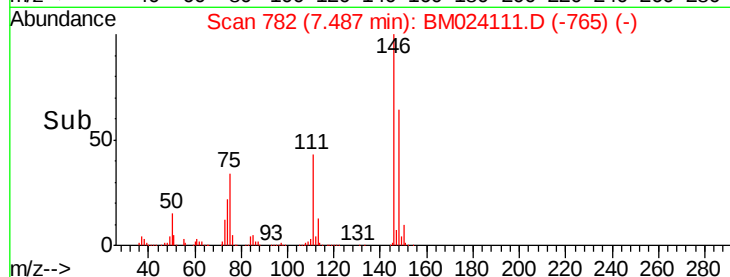
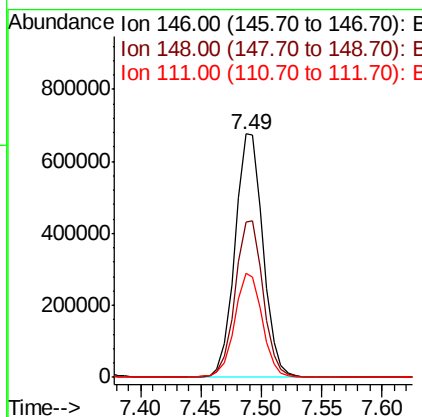
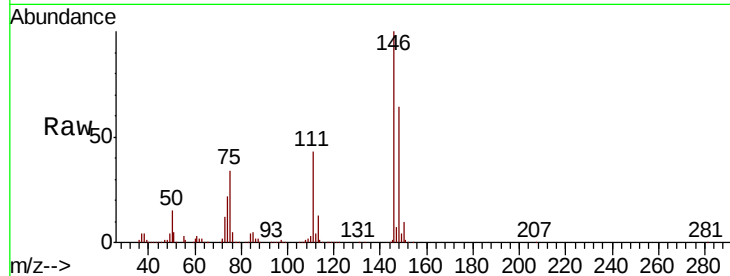
#13
 1,4-Dichlorobenzene
 Concen: 38.525 ng
 RT: 7.49 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.8	34.2	51.4

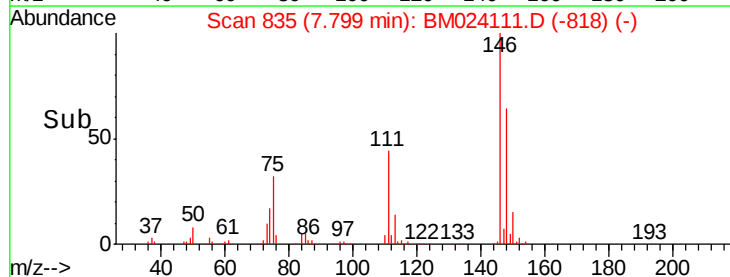
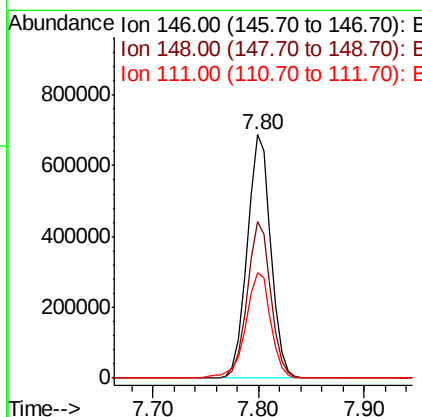
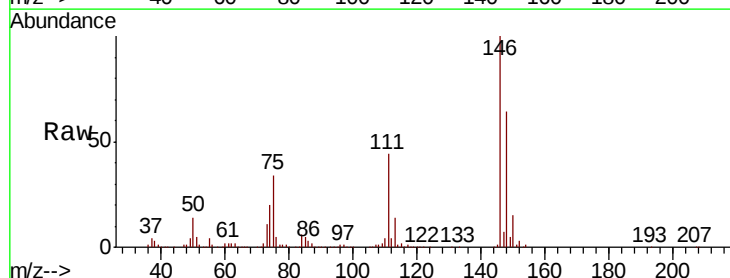
Manual Integrations
 APPROVED

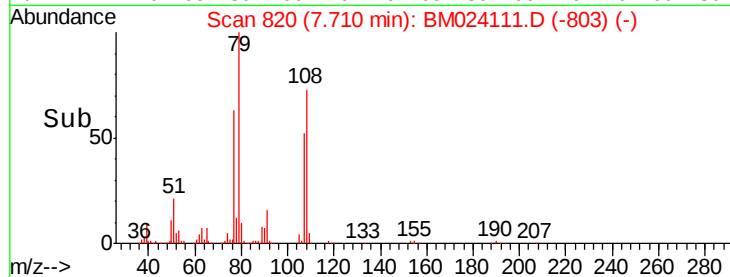
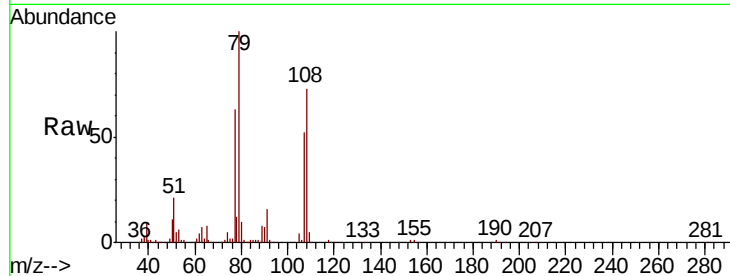
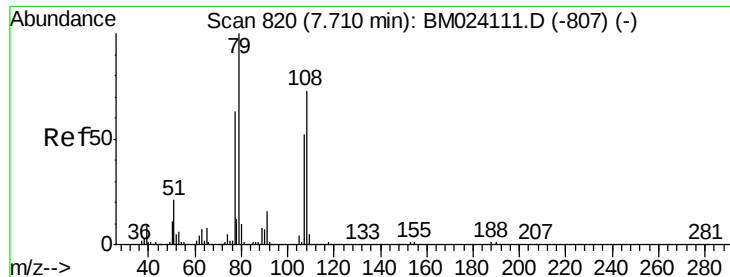
mohammad
 12/17/2019 3:20:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.554 ng
 RT: 7.80 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	43.5	34.8	52.2





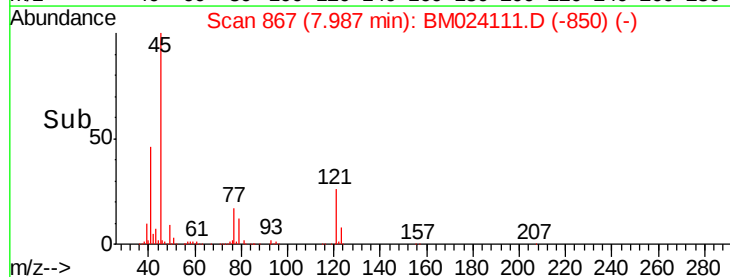
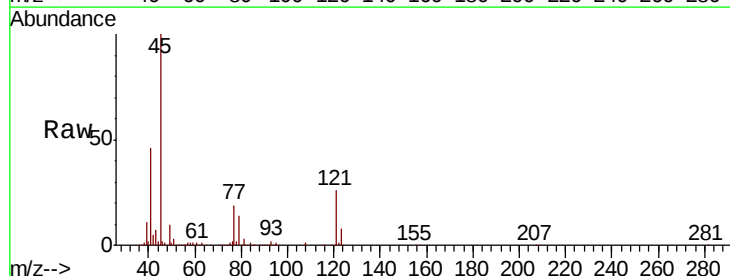
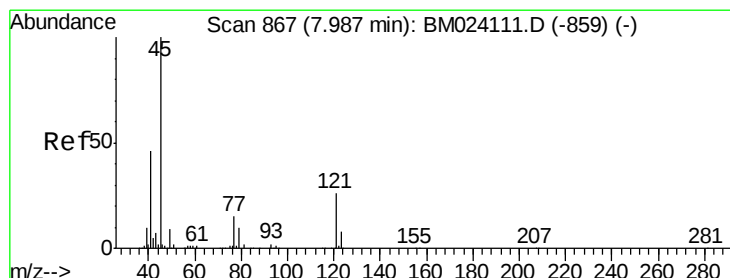
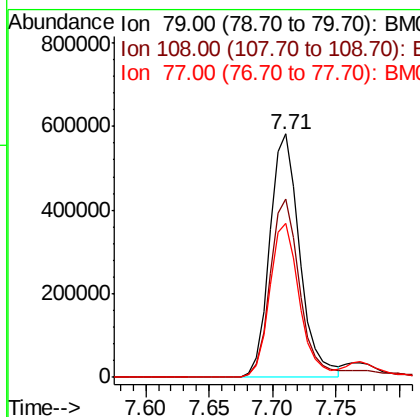
#15
Benzyl Alcohol
Concen: 51.777 ng
RT: 7.71 min Scan# 820
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tot Ion:	79	Resp:	955311
Ion Ratio	Lower	Upper	
79	100		
108	73.4	58.7	88.1
77	63.4	50.7	76.1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

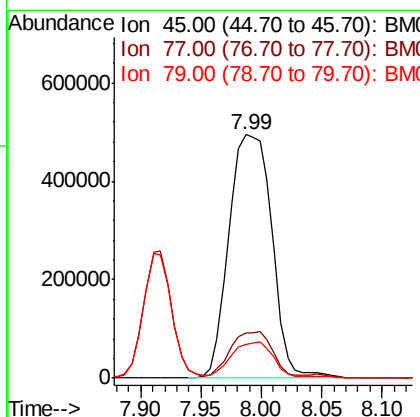
Manual Integrations
APPROVED

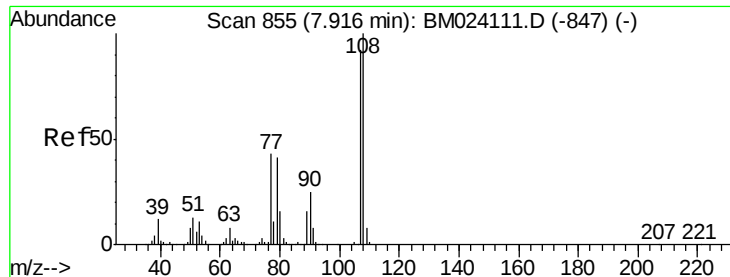
mohammad
12/17/2019 3:20:14 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.673 ng
RT: 7.99 min Scan# 867
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:	45	Resp:	1225240
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	38.7
79	13.8	0.0	33.8





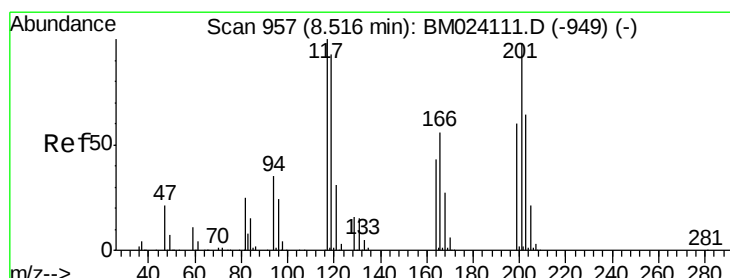
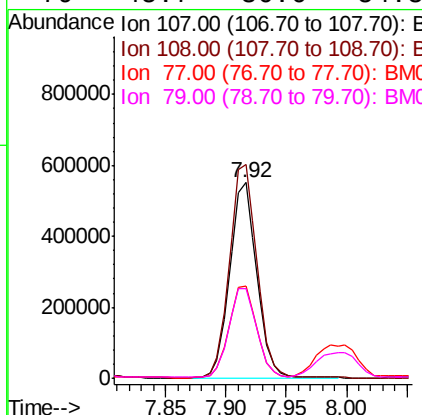
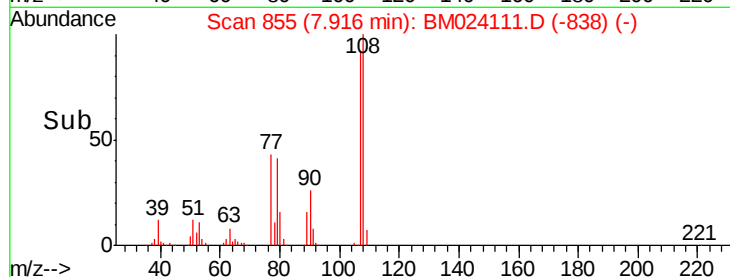
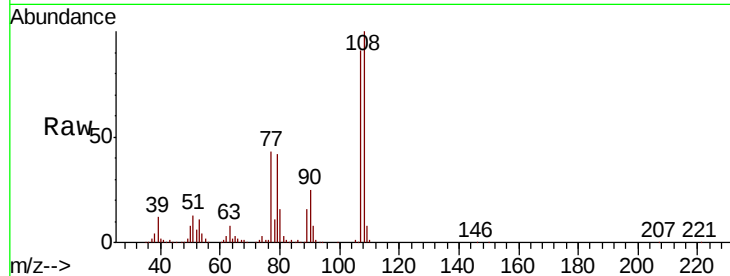
#17
2-Methylphenol
Concen: 46.889 ng
RT: 7.92 min Scan# 855
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.5	131.3	
77	47.0	37.6	56.4	
79	45.7	36.6	54.8	

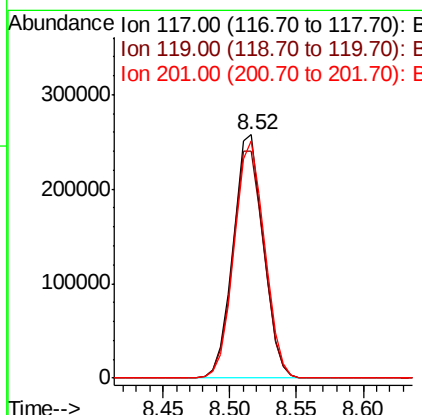
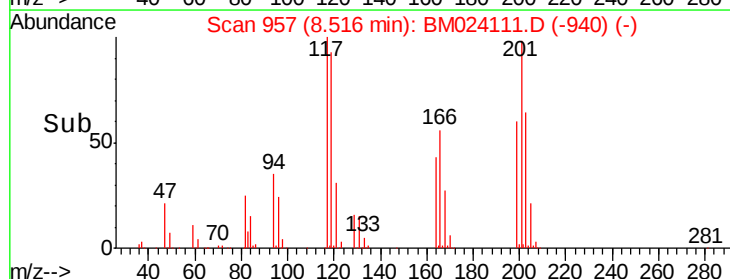
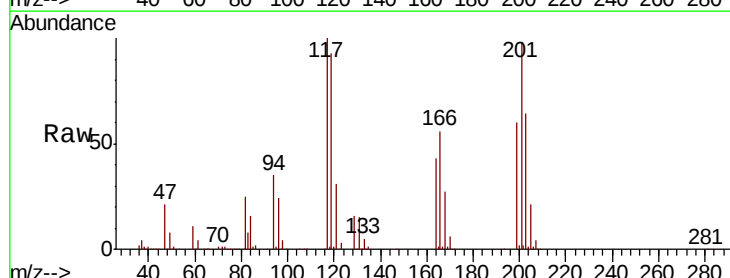
Manual Integrations
APPROVED

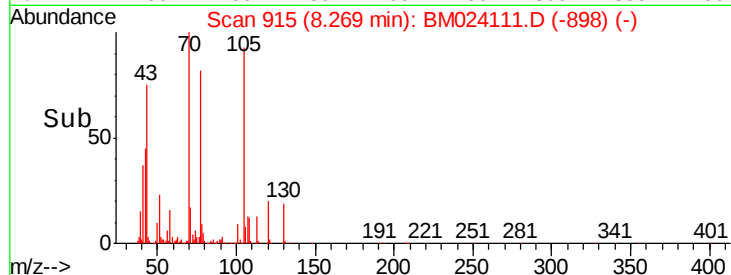
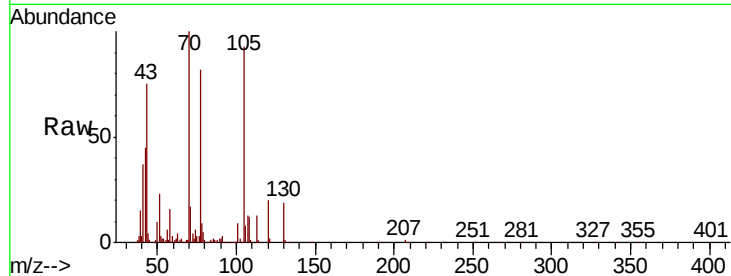
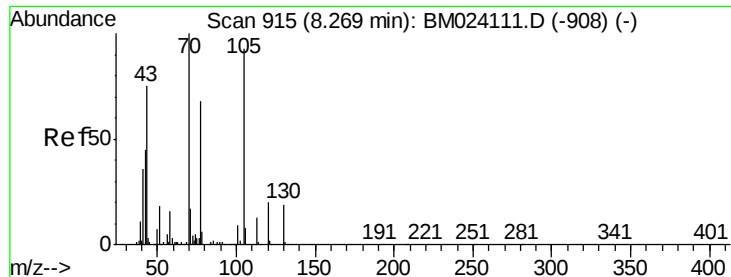
mohammad
12/17/2019 3:20:14 PM



#18
Hexachloroethane
Concen: 39.206 ng
RT: 8.52 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	74.7	112.1	
201	97.7	78.2	117.2	





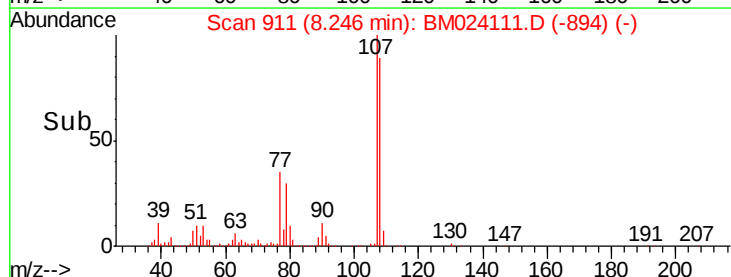
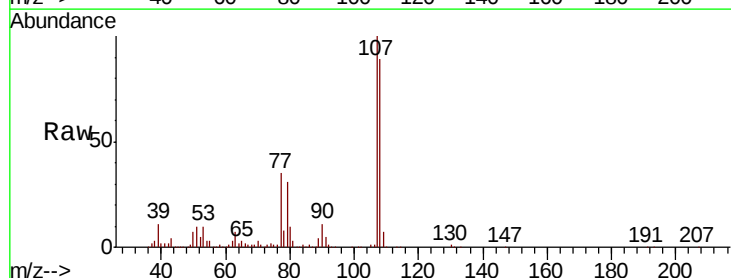
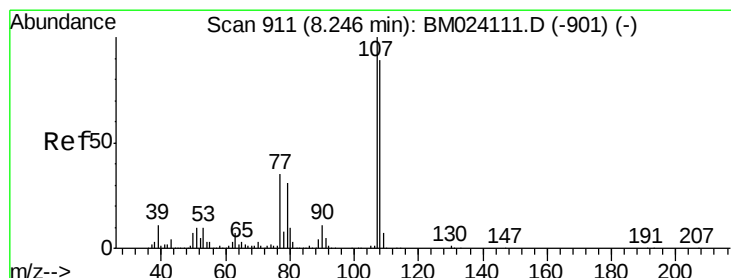
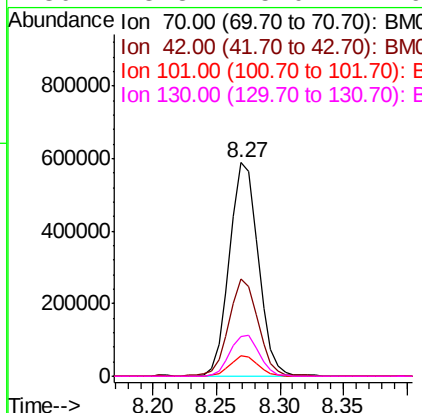
#19
n-Nitroso-di-n-propylamine
Concen: 56.017 ng
RT: 8.27 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.4	36.3	54.5
101	9.4	7.5	11.3
130	18.8	15.0	22.6

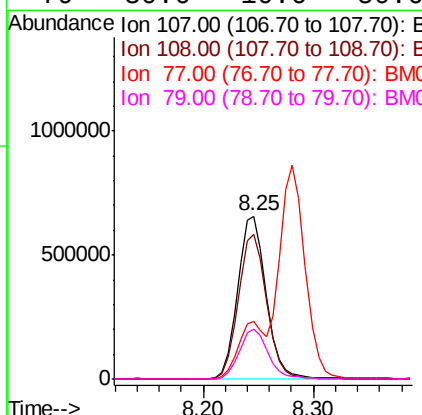
Manual Integrations
APPROVED

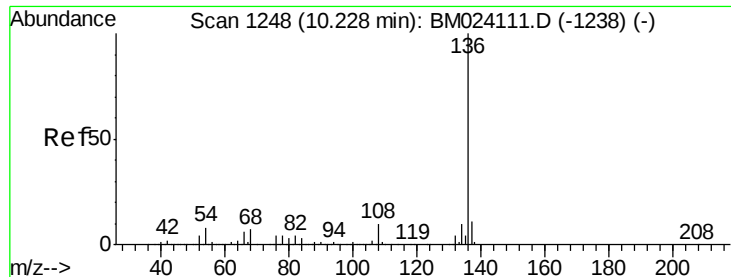
mohammad
12/17/2019 3:20:14 PM



#20
3+4-Methylphenols
Concen: 48.815 ng
RT: 8.25 min Scan# 911
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.9	108.9
77	35.1	15.1	55.1
79	30.6	10.6	50.6





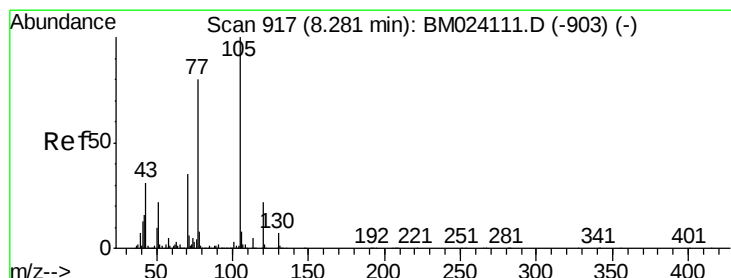
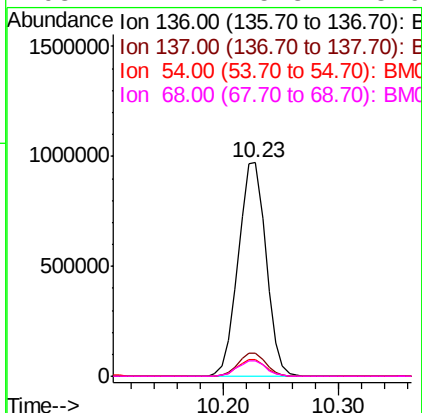
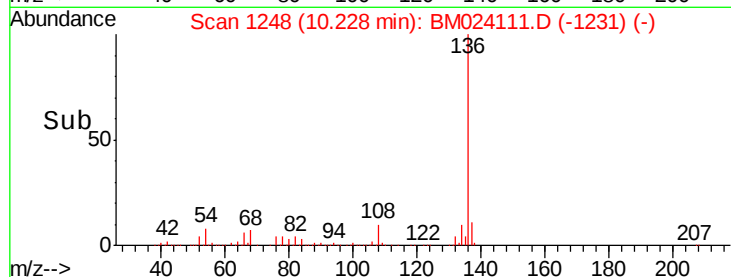
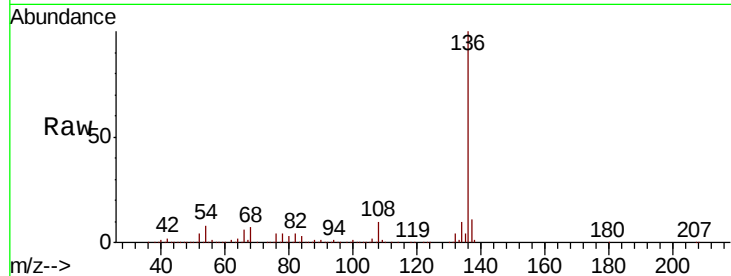
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	136	Resp	1630097
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.5	6.0	9.0
68	7.2	5.8	8.6

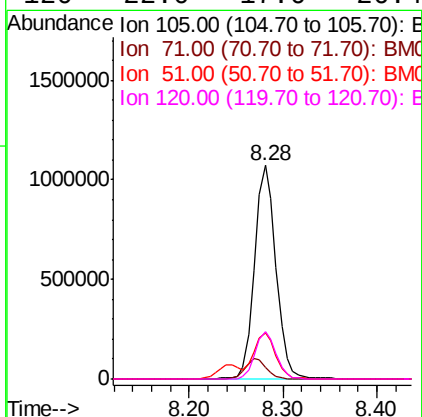
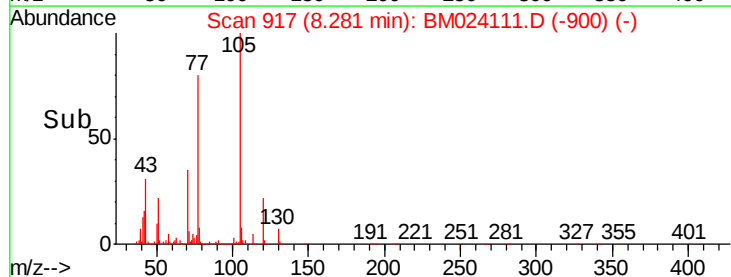
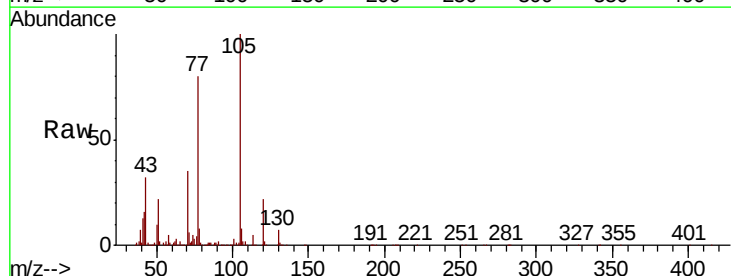
Manual Integrations
APPROVED

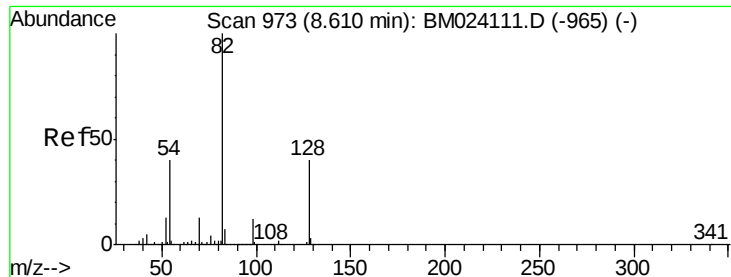
mohammad
12/17/2019 3:20:14 PM



#22
Acetophenone
Concen: 42.092 ng
RT: 8.28 min Scan# 917
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	105	Resp	1693674
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.6	6.8
51	21.8	17.4	26.2
120	22.0	17.6	26.4





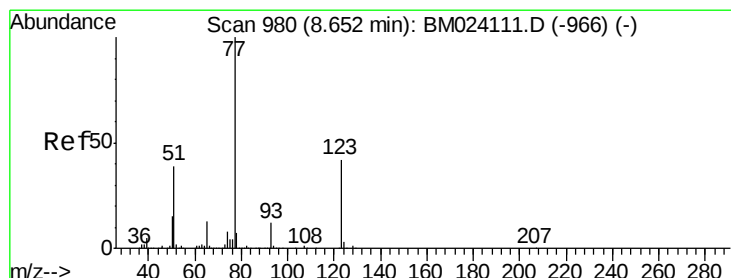
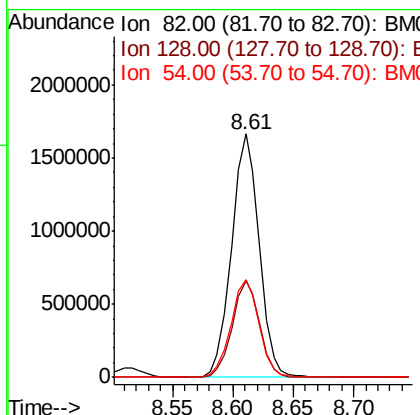
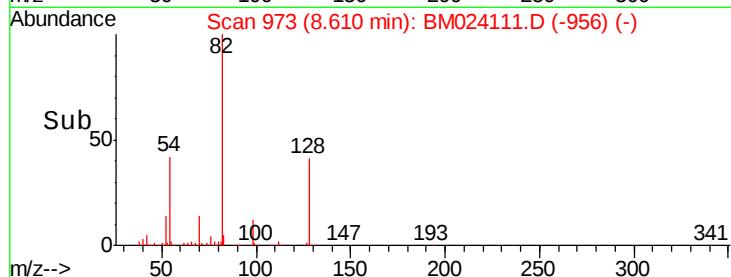
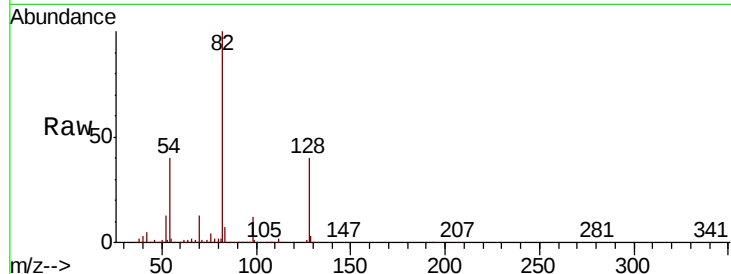
#23
 Nitrobenzene-d5
 Concen: 90.336 ng
 RT: 8.61 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion: 82 Resp: 2652787
 Ion Ratio Lower Upper
 82 100
 128 39.8 31.8 47.8
 54 40.2 32.2 48.2

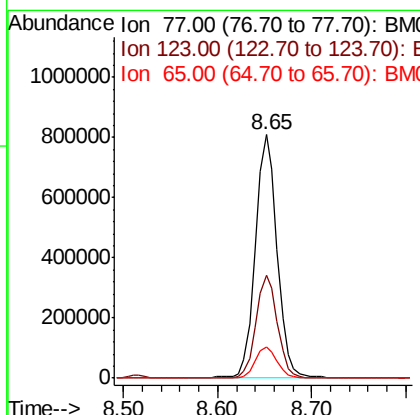
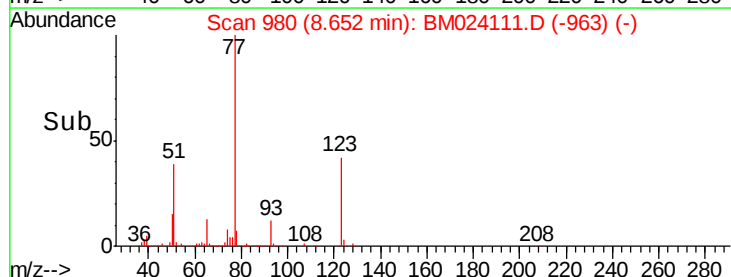
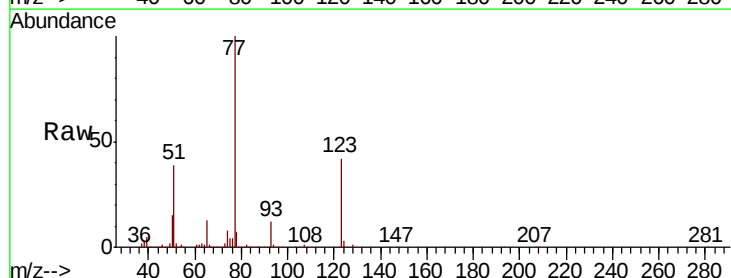
Manual Integrations
 APPROVED

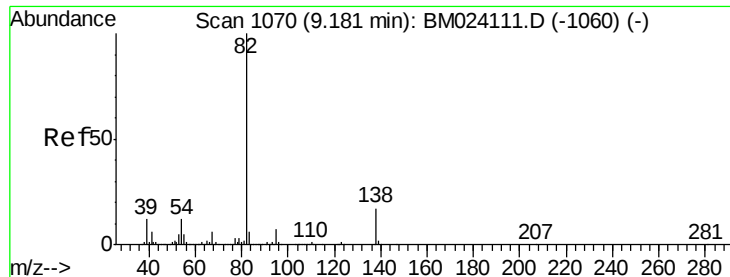
mohammad
 12/17/2019 3:20:14 PM



#24
 Nitrobenzene
 Concen: 45.986 ng
 RT: 8.65 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Tgt Ion: 77 Resp: 1292069
 Ion Ratio Lower Upper
 77 100
 123 42.2 33.8 50.6
 65 12.9 10.3 15.5





#25

Isophorone

Concen: 49.245 ng

RT: 9.18 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 2377785

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

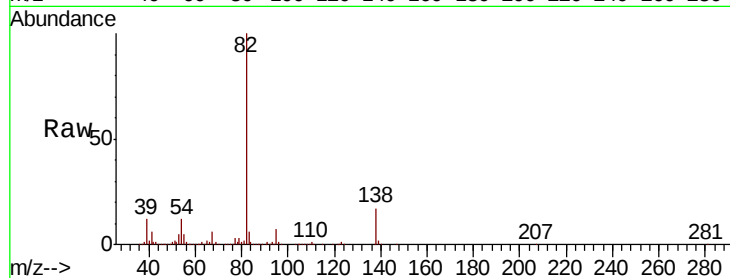
138 16.6 13.3 19.9

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:14 PM

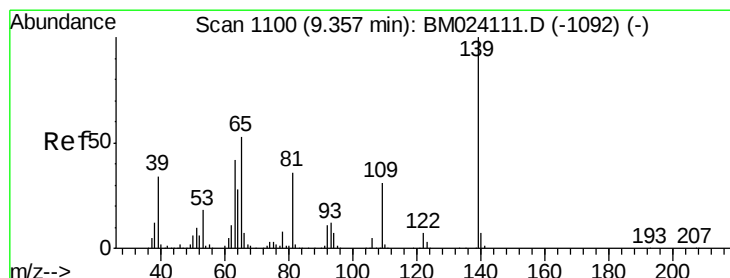
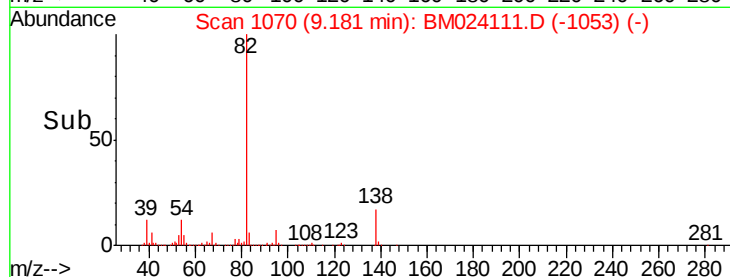
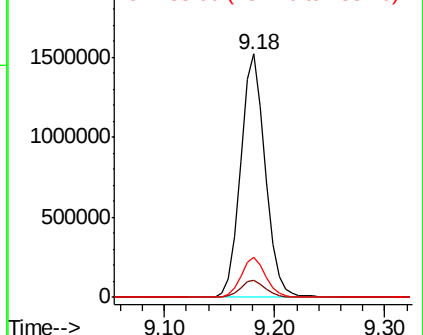


Abundance

Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 46.491 ng

RT: 9.36 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

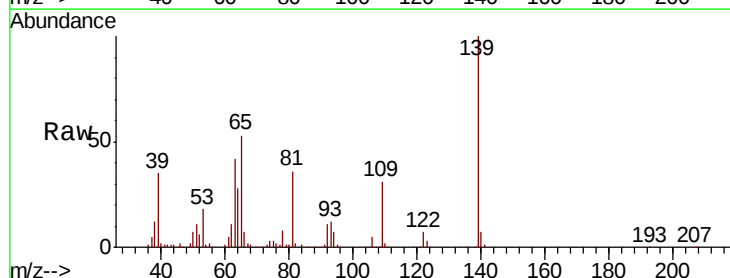
Tgt Ion: 139 Resp: 563915

Ion Ratio Lower Upper

139 100

109 30.6 24.5 36.7

65 52.6 42.1 63.1

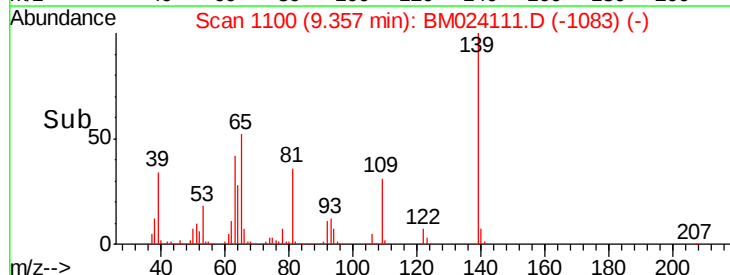
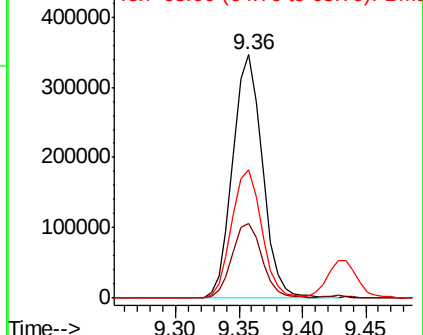


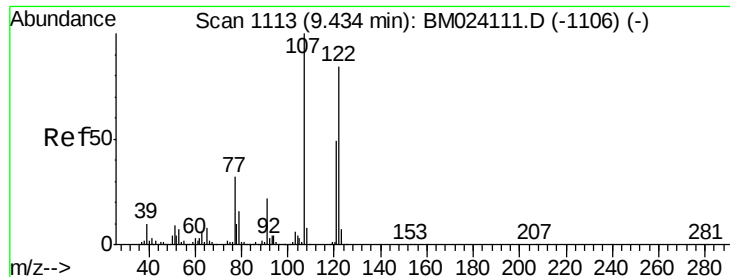
Abundance

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): BM0





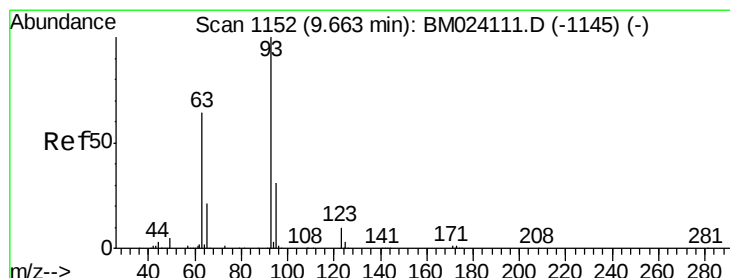
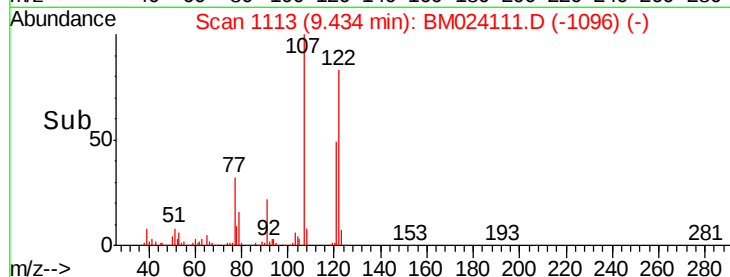
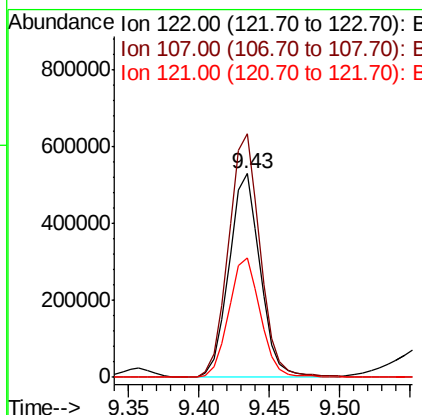
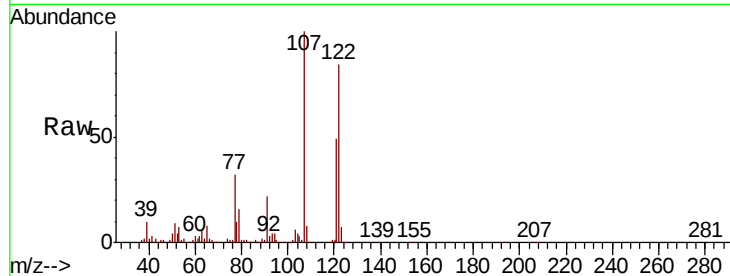
#27
2,4-Dimethylphenol
Concen: 40.058 ng
RT: 9.43 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.7	95.8	143.6
121	58.7	47.0	70.4

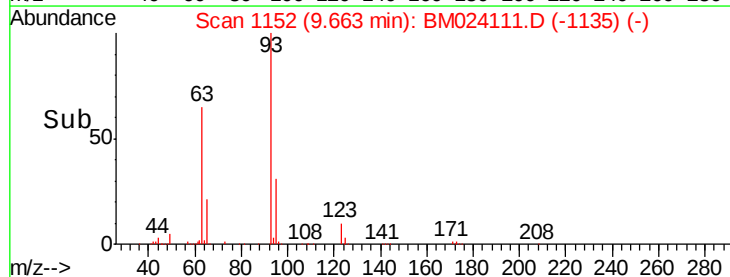
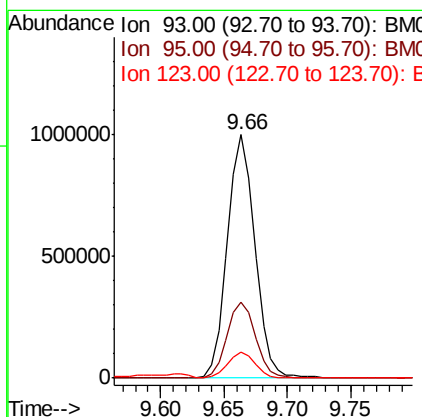
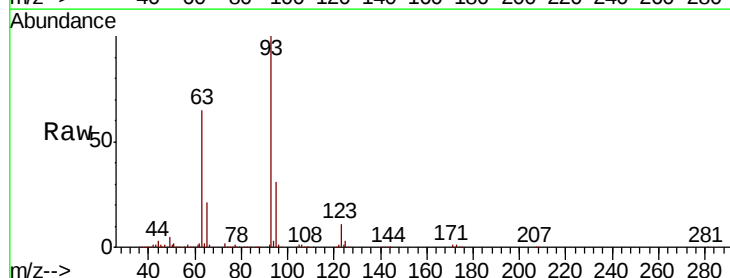
Manual Integrations
APPROVED

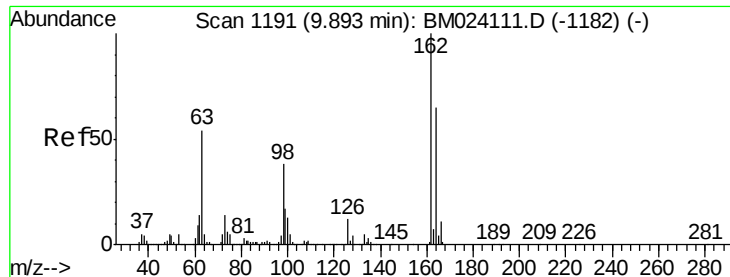
mohammad
12/17/2019 3:20:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.972 ng
RT: 9.66 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.1	37.7
123	10.6	8.5	12.7





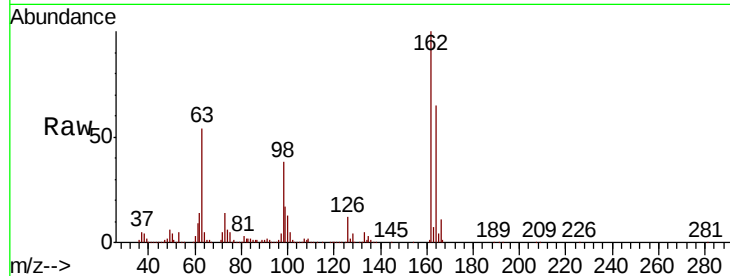
#29
2,4-Dichlorophenol
Concen: 42.342 ng
RT: 9.89 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	972077		
164	65.1	45.1	85.1	
98	38.2	18.2	58.2	

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM

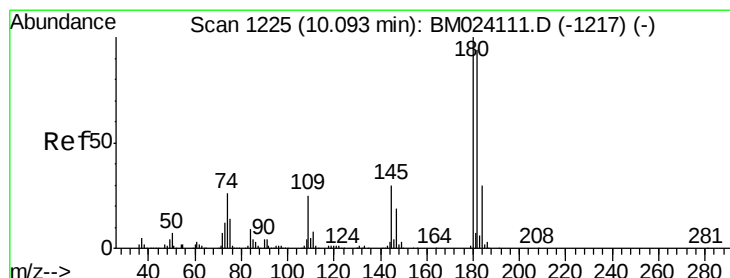
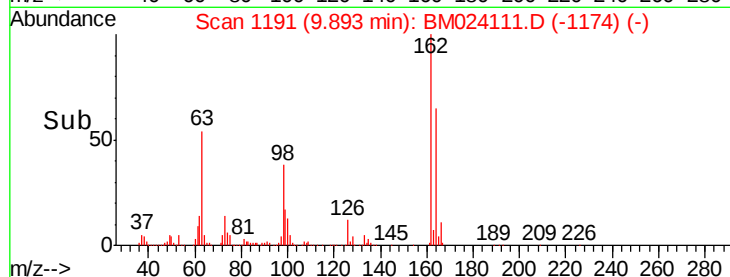
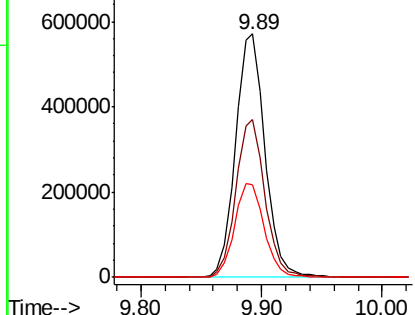


Abundance

Ion 162.00 (161.70 to 162.70): E

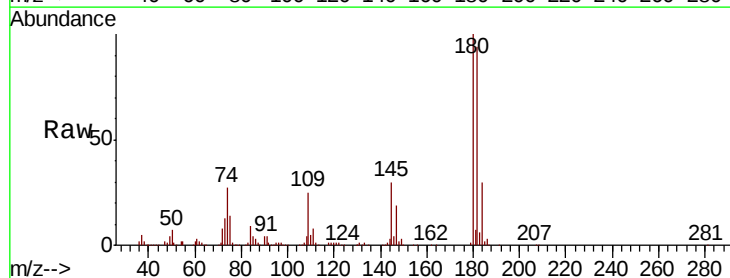
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 38.618 ng
RT: 10.09 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1090799		
182	94.4	75.5	113.3	
145	30.5	24.4	36.6	

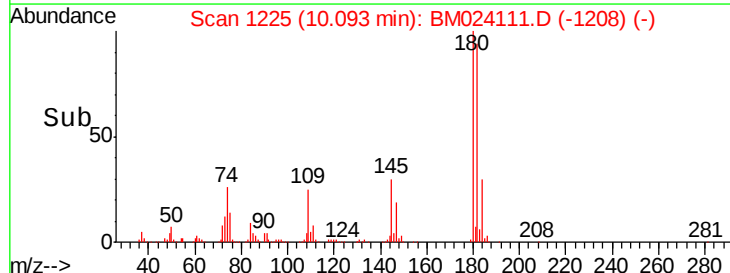
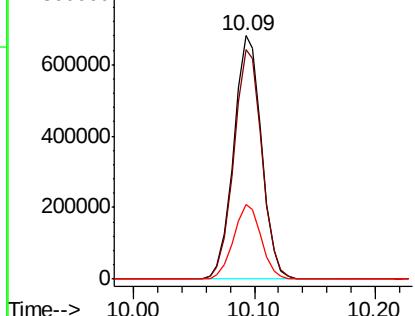


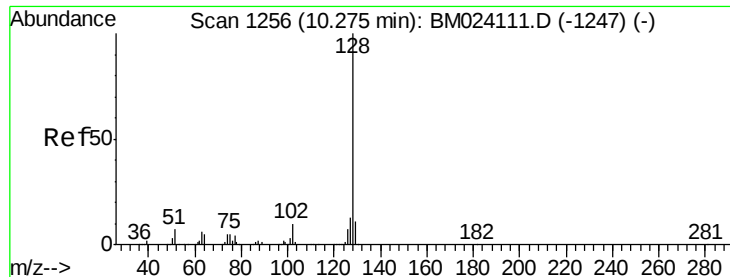
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





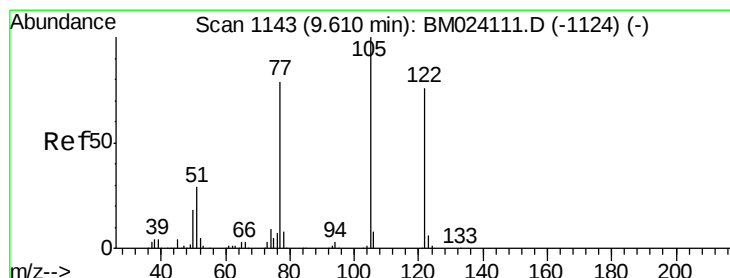
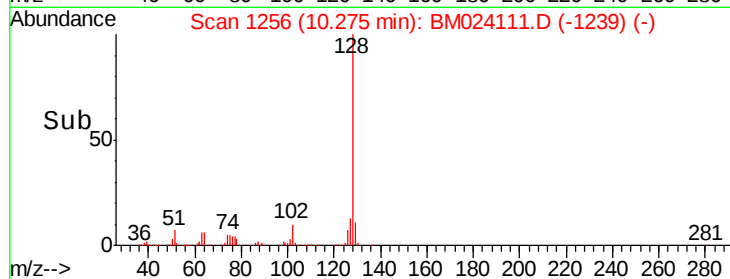
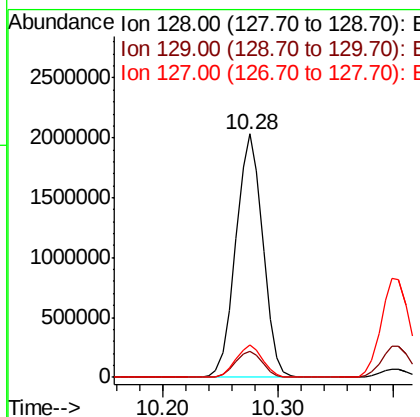
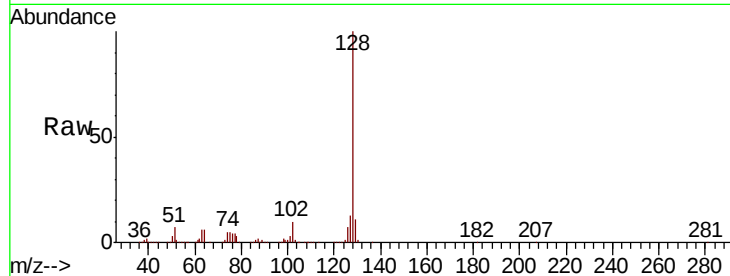
#31
Naphthalene
Concen: 40.679 ng
RT: 10.28 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.1	10.5	15.7

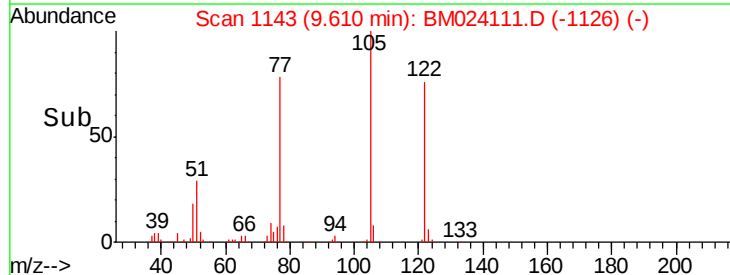
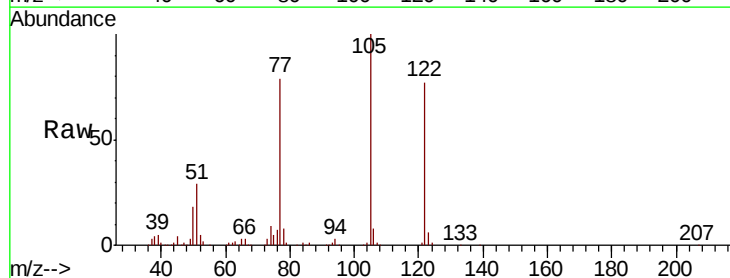
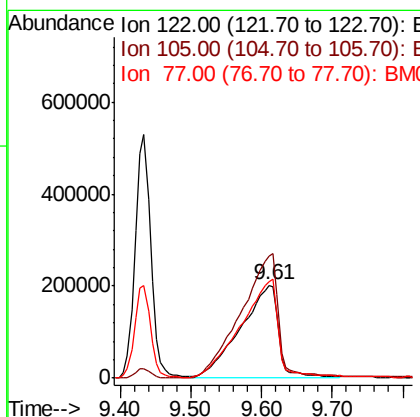
Manual Integrations
APPROVED

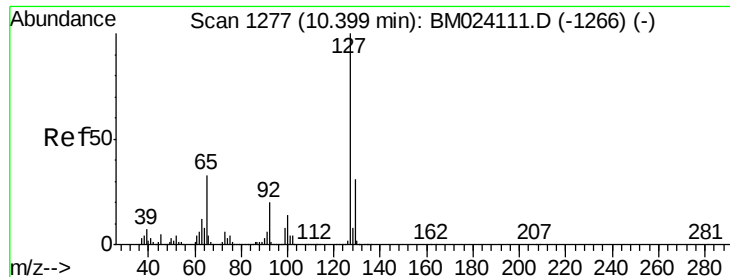
mohammad
12/17/2019 3:20:14 PM



#32
Benzoic acid
Concen: 57.062 ng m
RT: 9.61 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	110.4	150.4
77	103.0	83.0	123.0





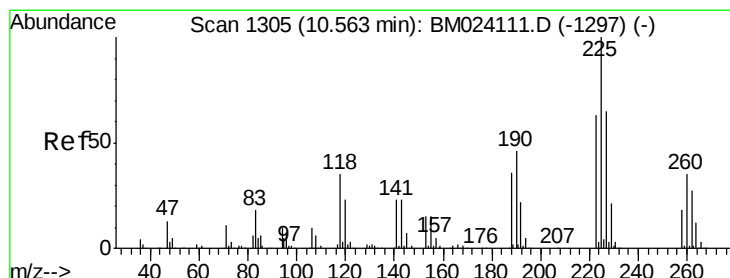
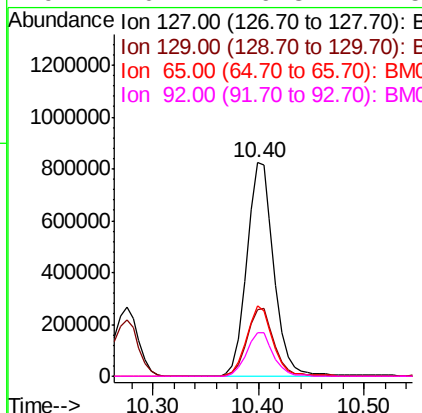
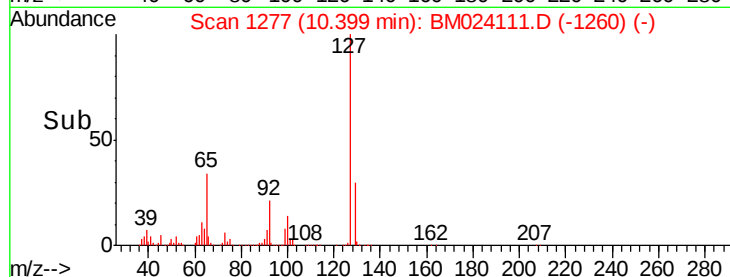
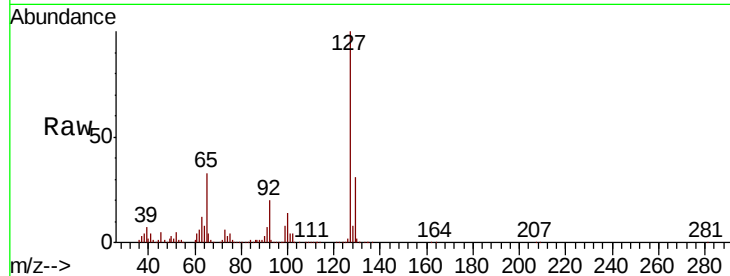
#33
4-Chloroaniline
Concen: 41.872 ng
RT: 10.40 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	24.9	37.3		
65	32.8	26.2	39.4		
92	20.4	16.3	24.5		

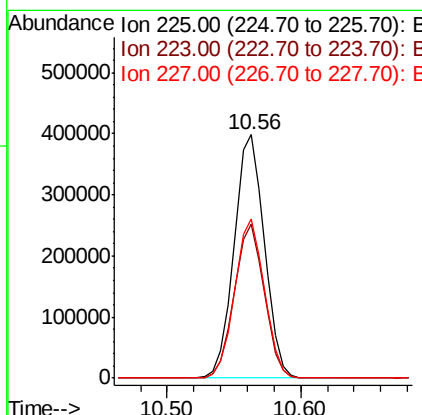
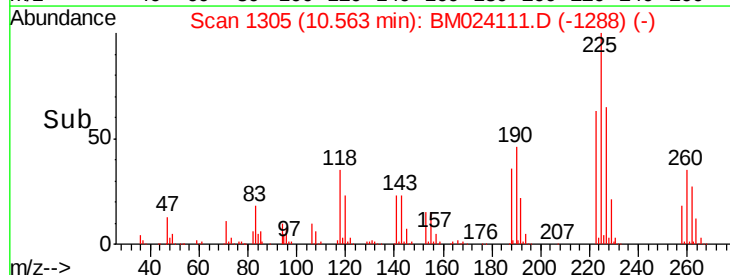
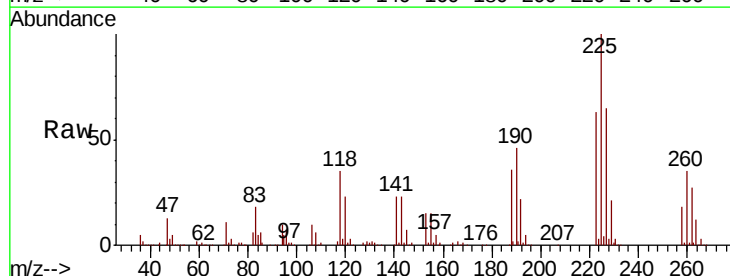
Manual Integrations
APPROVED

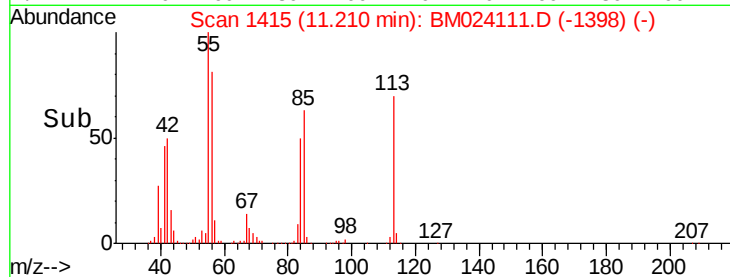
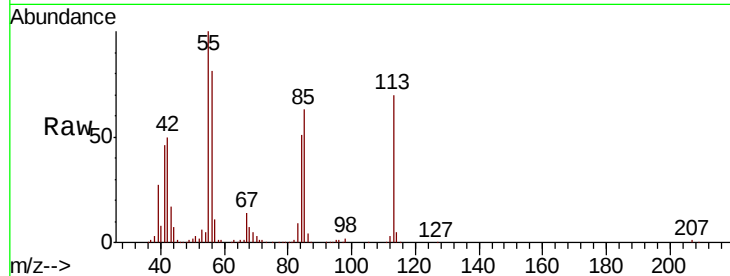
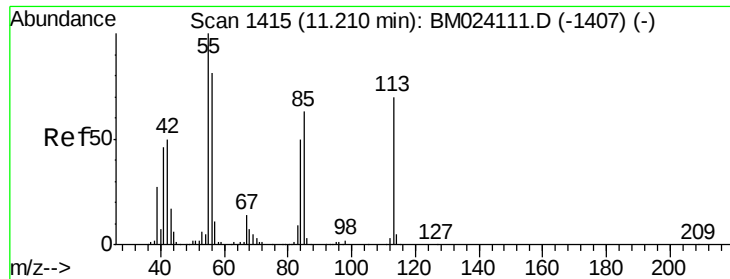
mohammad
12/17/2019 3:20:14 PM



#34
Hexachlorobutadiene
Concen: 37.164 ng
RT: 10.56 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.6	75.8		
227	65.3	52.2	78.4		





#35

Caprolactam

Concen: 54.394 ng/mL

RT: 11.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleID :

SSTDICCC040

Tot Ion: 113 Resp: 370214

Ion Ratio Lower Upper

113 100

55 142.4 122.4 162.4

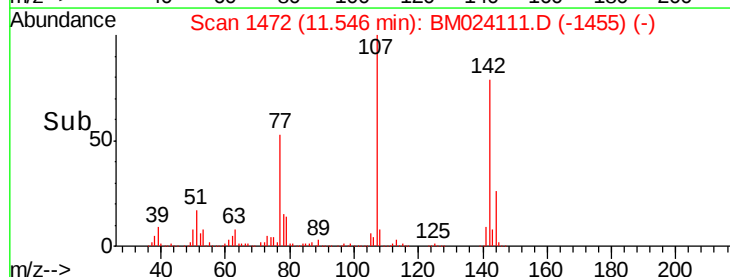
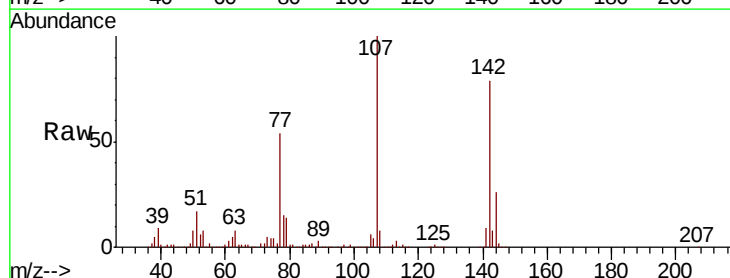
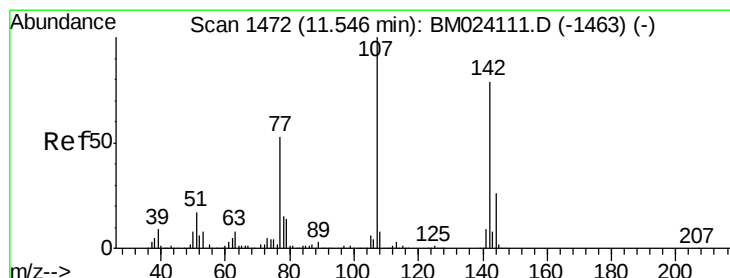
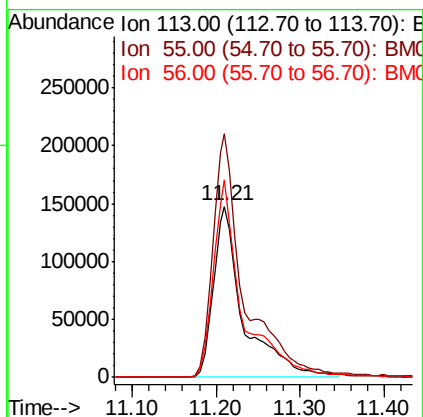
56 115.5 95.5 135.5

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:14 PM



#36

4-Chloro-3-methylphenol

Concen: 51.675 ng/mL

RT: 11.55 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

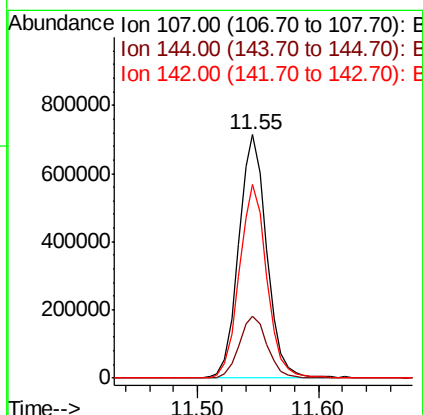
Tgt Ion: 107 Resp: 1157445

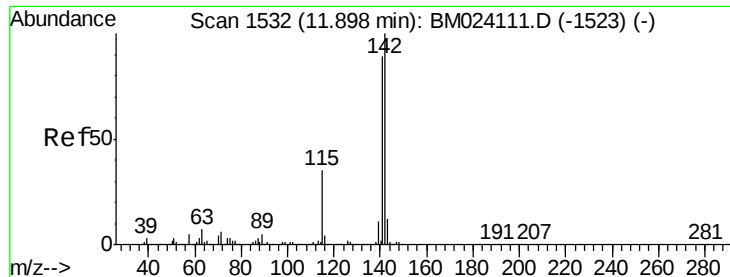
Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 79.5 63.6 95.4





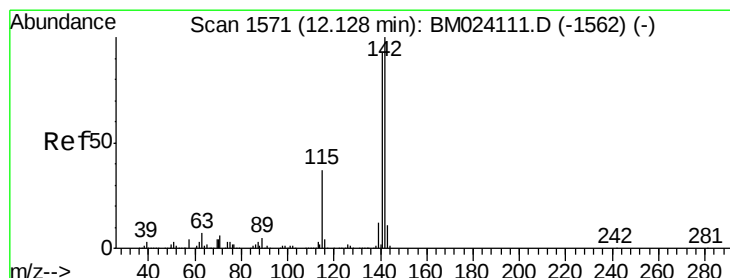
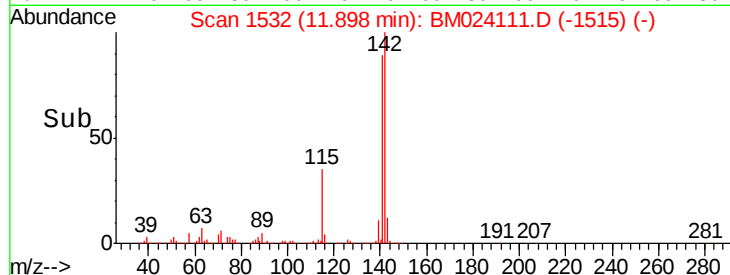
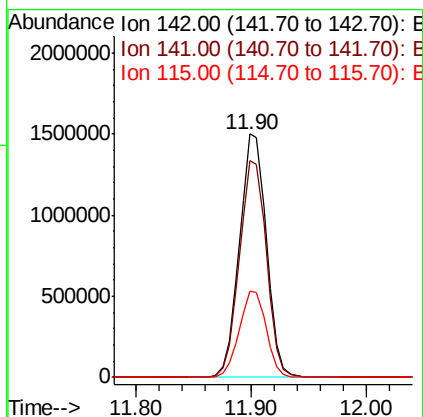
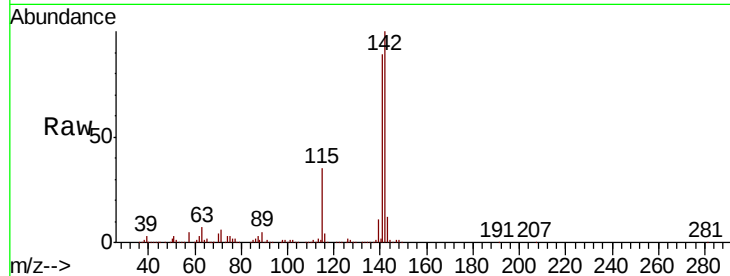
#37
2-Methylnaphthalene
Concen: 43.262 ng
RT: 11.90 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	35.5	28.4	42.6

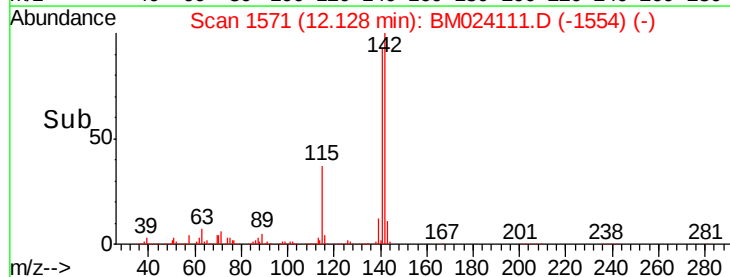
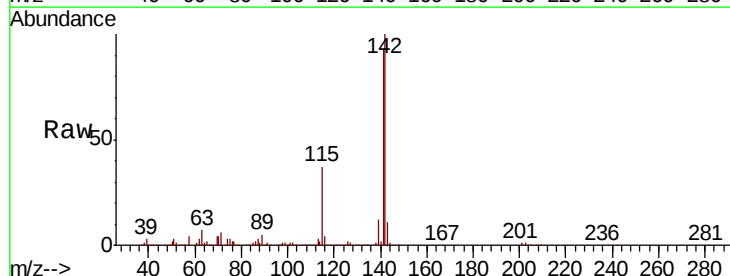
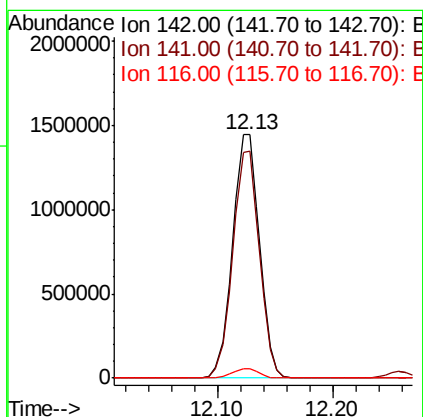
Manual Integrations
APPROVED

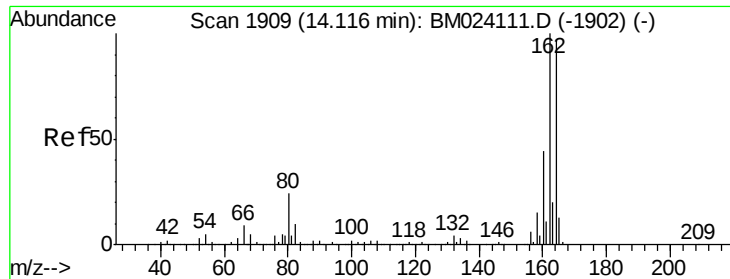
mohammad
12/17/2019 3:20:14 PM



#38
1-Methylnaphthalene
Concen: 43.707 ng
RT: 12.13 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.5	111.7
116	3.9	3.1	4.7





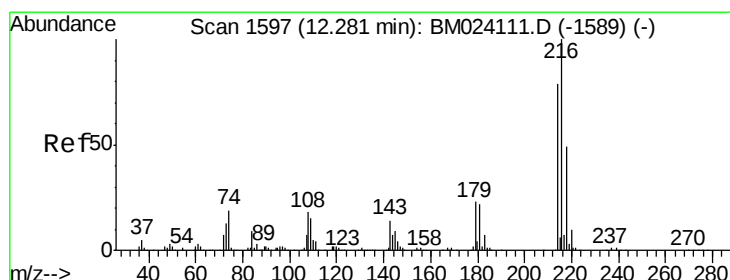
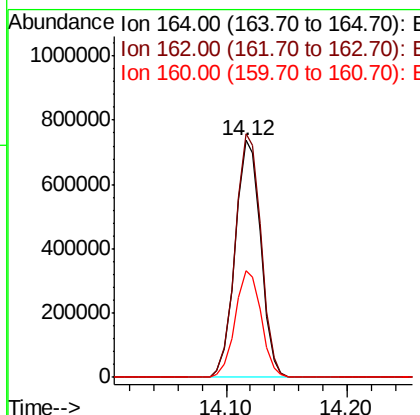
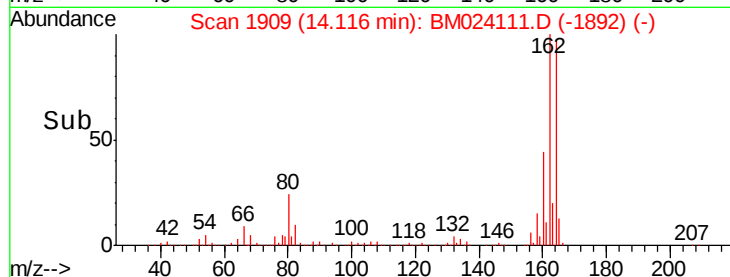
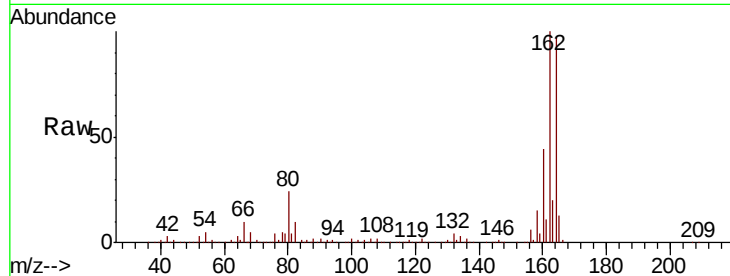
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	44.9	35.9	53.9

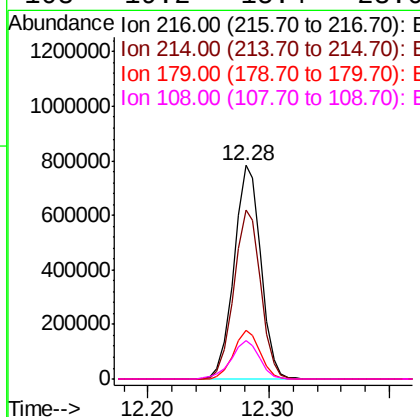
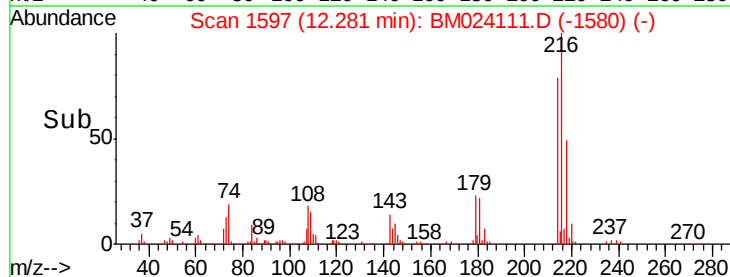
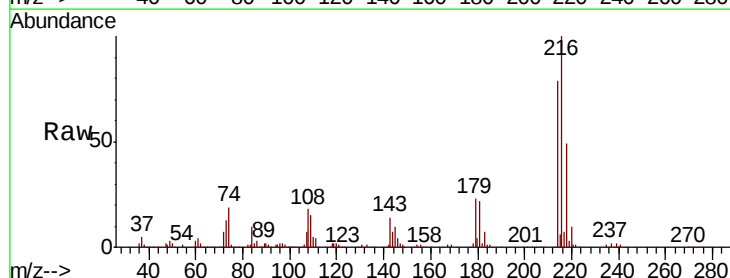
Manual Integrations
APPROVED

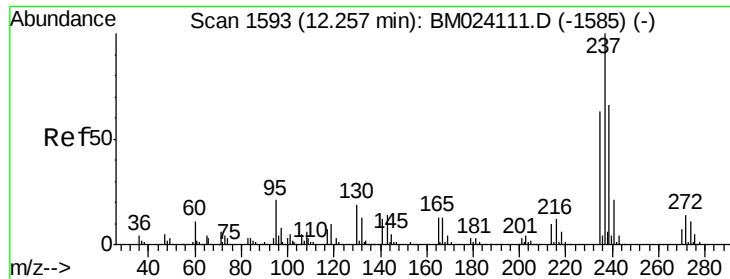
mohammad
12/17/2019 3:20:14 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.756 ng
RT: 12.28 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.5	18.0	27.0
108	19.2	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 21.492 ng

RT: 12.26 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

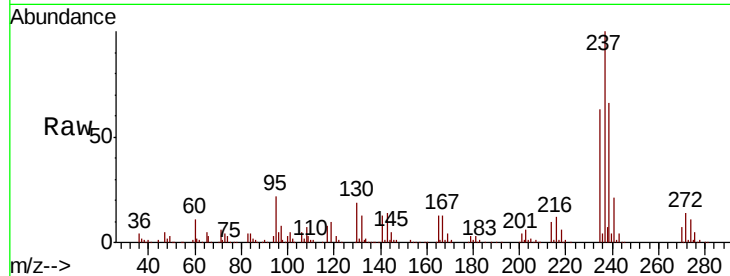
ClientSampleId :

SSTDICCC040

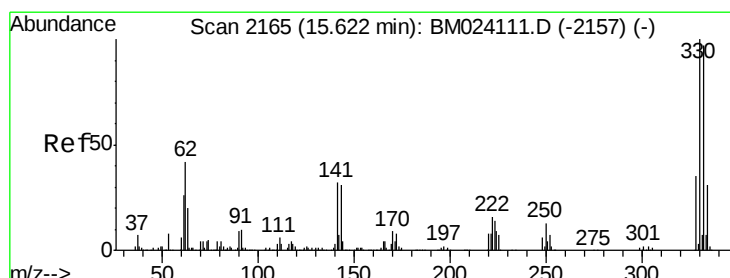
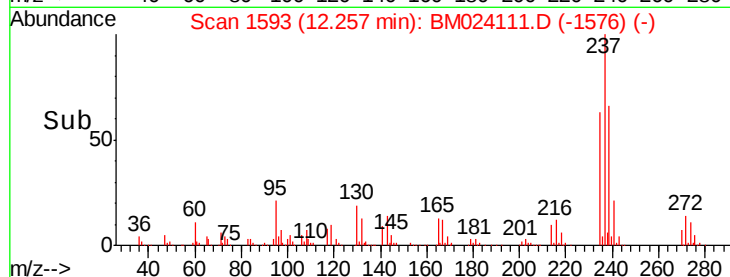
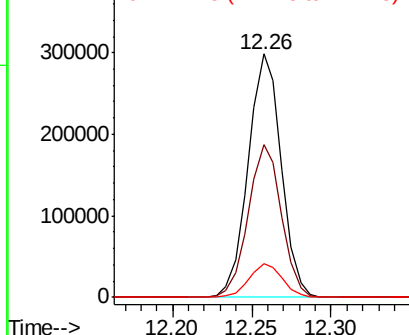
Tot Ion:	237	Resp:	432590
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.0	83.0
272	13.8	0.0	33.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM



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



#42

2,4,6-Tribromophenol

Concen: 86.115 ng

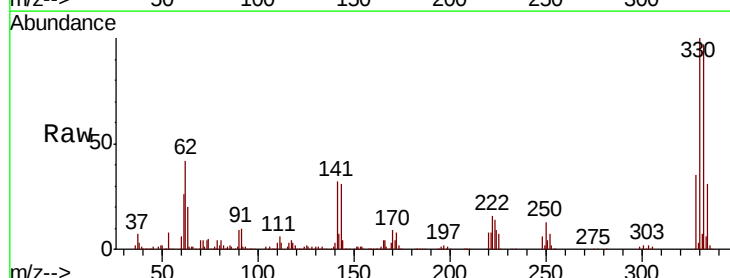
RT: 15.62 min Scan# 2165

Delta R.T. 0.00 min

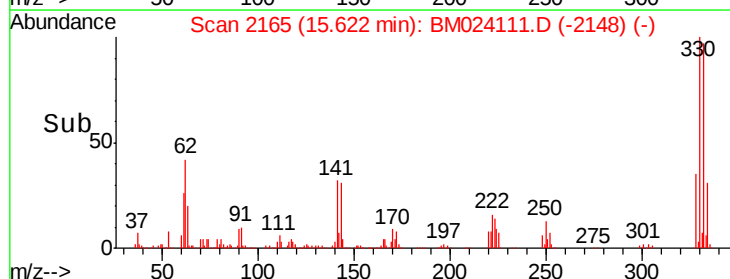
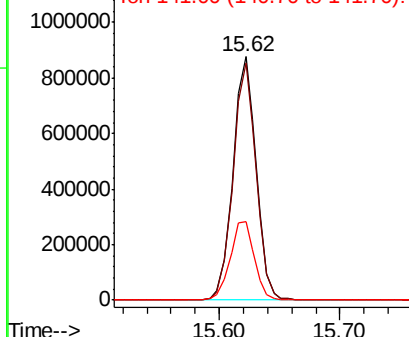
Lab File: BM024111.D

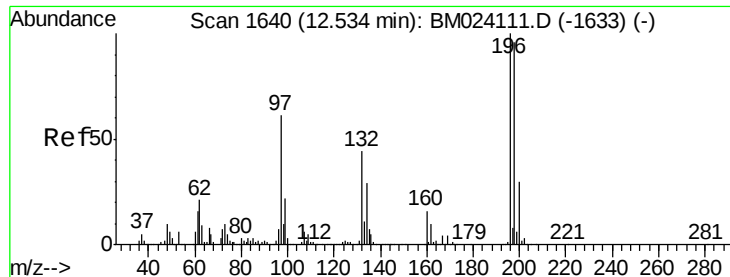
Acq: 16 Dec 2019 16:45

Tgt Ion:	330	Resp:	1170381
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	33.8	27.0	40.6



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





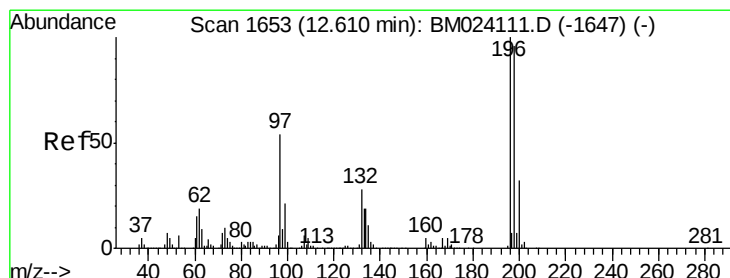
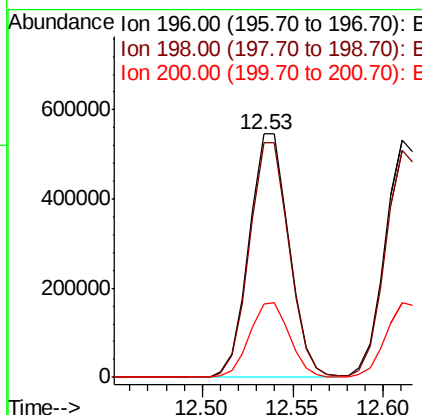
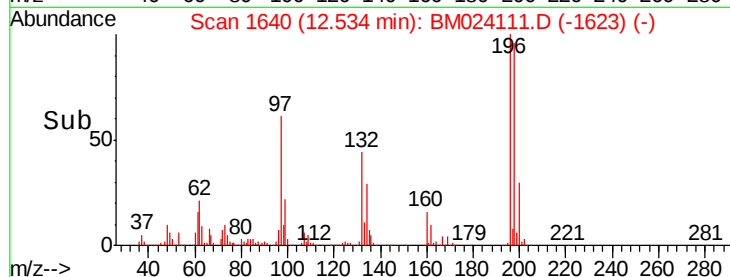
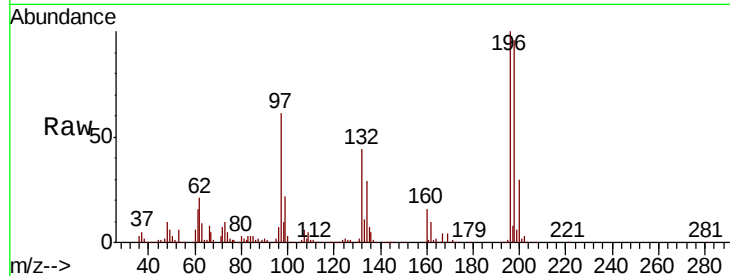
#43
2,4,6-Trichlorophenol
Concen: 39.271 ng
RT: 12.53 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	836138		
198	96.4	77.1	115.7	
200	30.1	24.1	36.1	

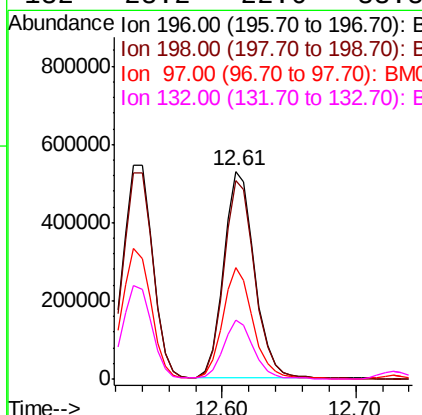
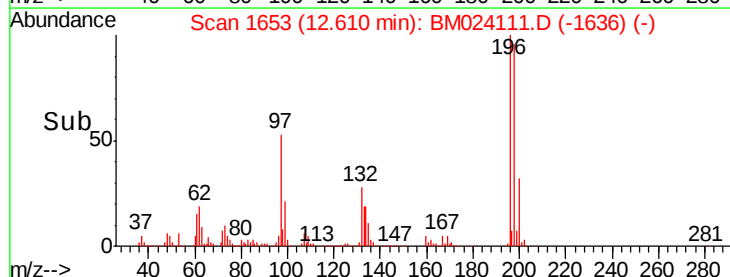
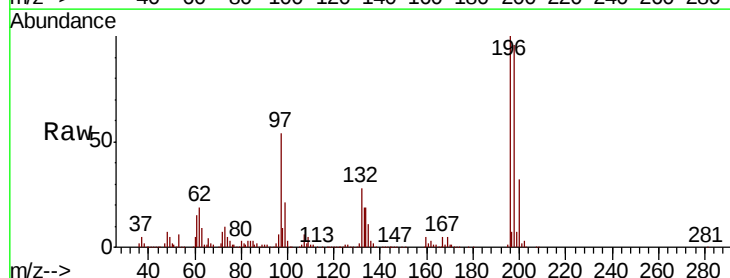
Manual Integrations
APPROVED

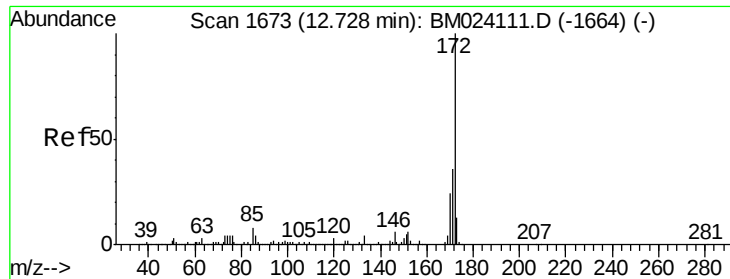
mohammad
12/17/2019 3:20:14 PM



#44
2,4,5-Trichlorophenol
Concen: 38.494 ng
RT: 12.61 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	854093		
198	95.7	76.6	114.8	
97	53.6	42.9	64.3	
132	28.2	22.6	33.8	





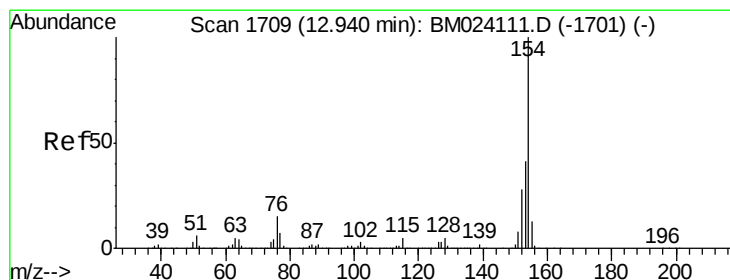
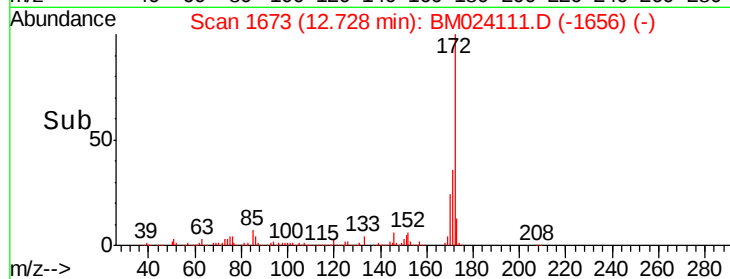
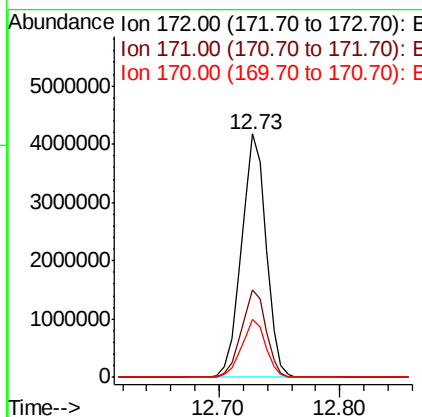
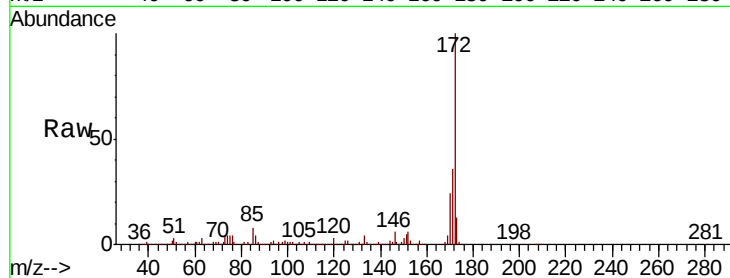
#45
2-Fluorobiphenyl
Concen: 75.190 ng
RT: 12.73 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.6	18.9	28.3

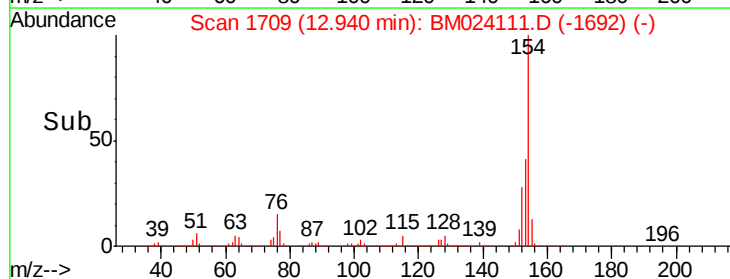
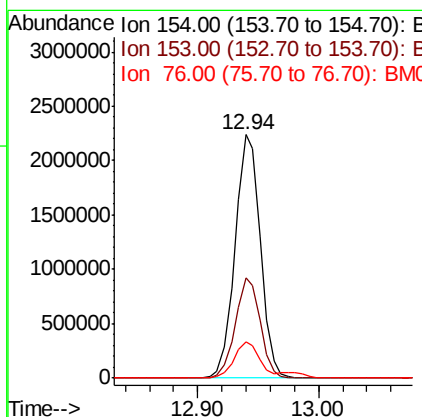
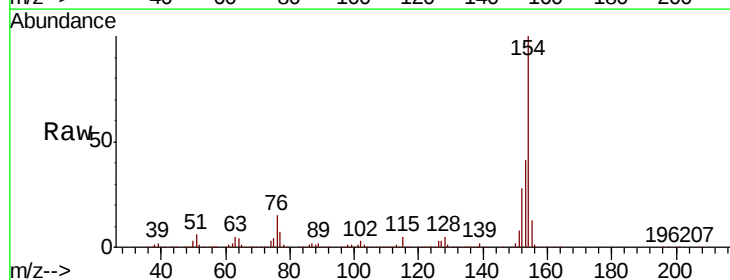
Manual Integrations
APPROVED

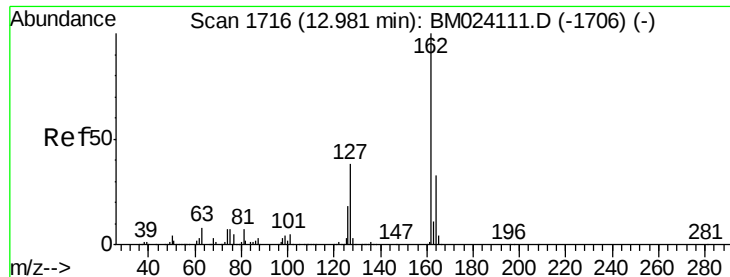
mohammad
12/17/2019 3:20:14 PM



#46
1,1'-Biphenyl
Concen: 36.257 ng
RT: 12.94 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.1	61.1
76	15.1	0.0	35.1





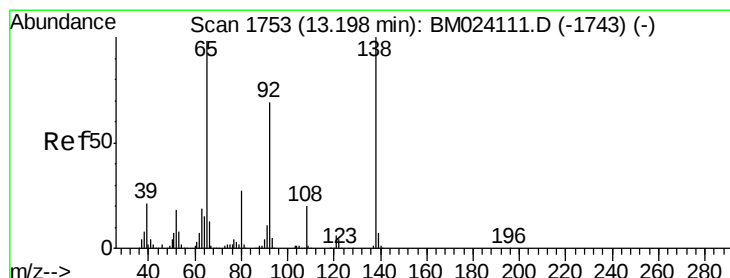
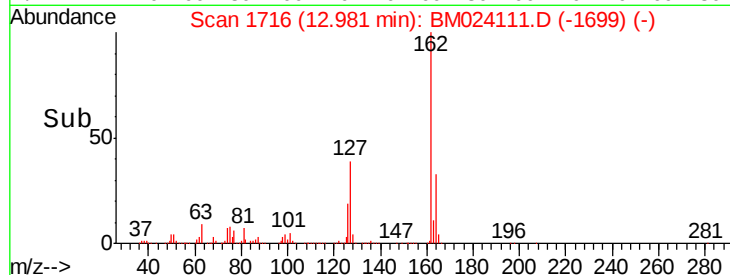
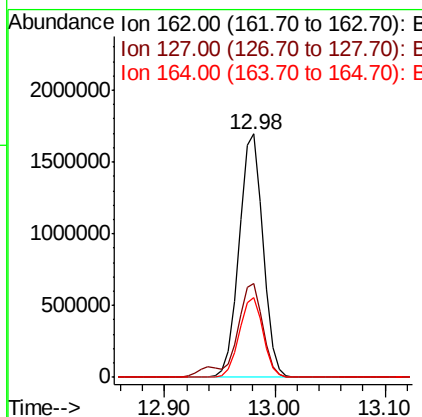
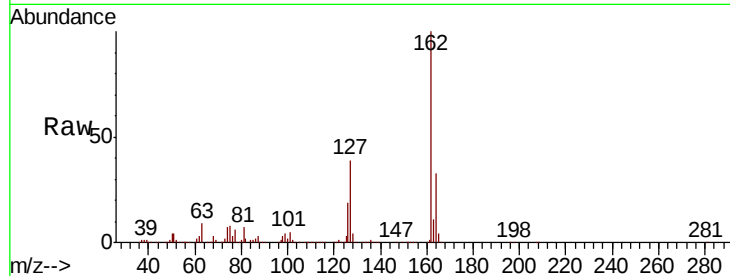
#47
2-Chloronaphthalene
Concen: 38.471 ng
RT: 12.98 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.0	46.4
164	32.7	26.2	39.2

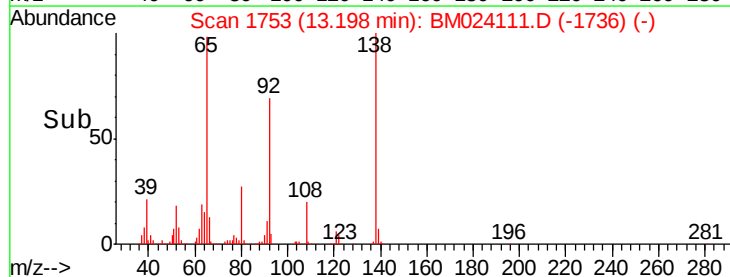
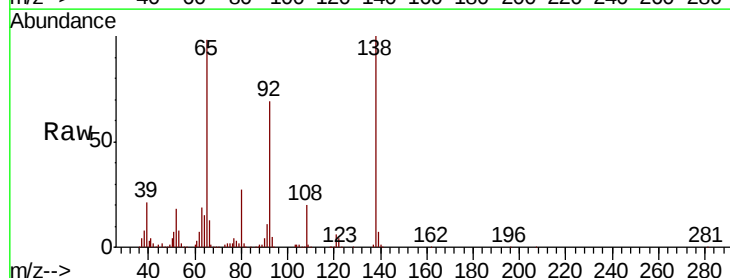
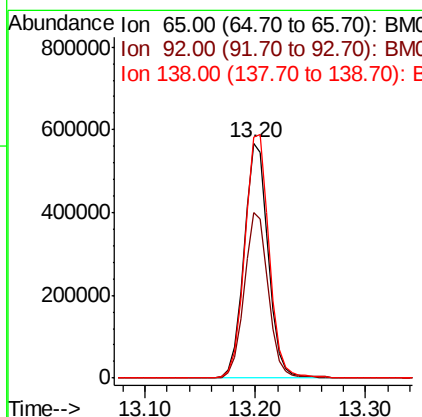
Manual Integrations
APPROVED

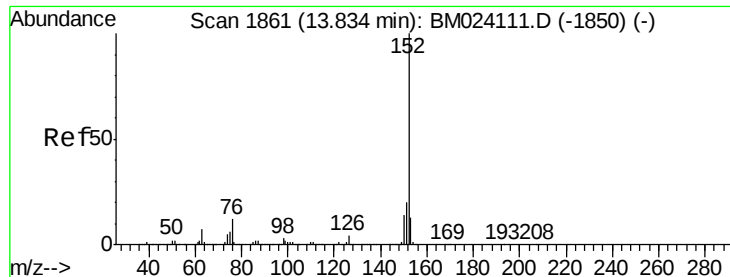
mohammad
12/17/2019 3:20:14 PM



#48
2-Nitroaniline
Concen: 49.974 ng
RT: 13.20 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	56.4	84.6
138	102.4	81.9	122.9





#49

Acenaphthylene

Concen: 40.500 ng

RT: 13.83 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 4027814

Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

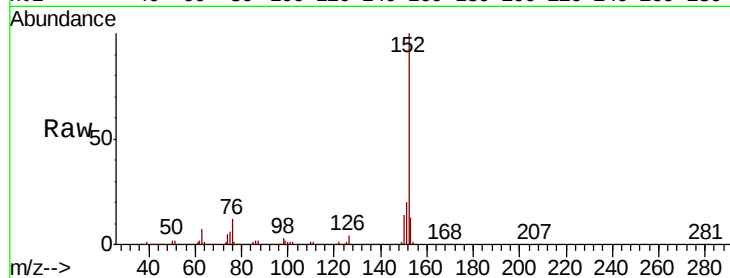
153 13.2 10.6 15.8

Manual Integrations

APPROVED

mohammad

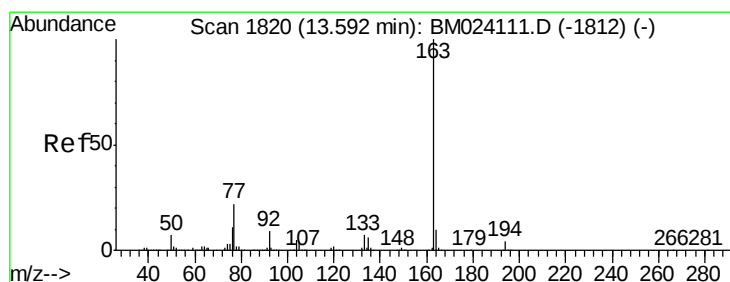
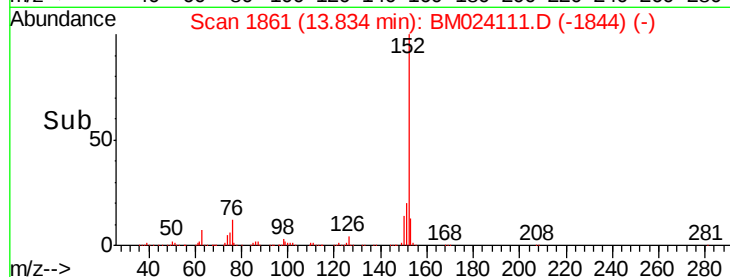
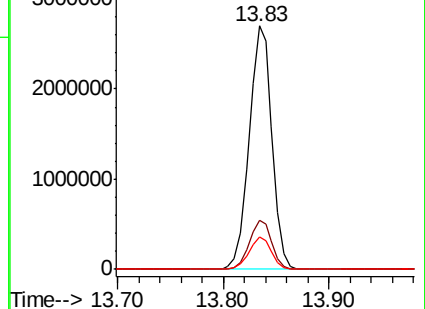
12/17/2019 3:20:14 PM



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: 42.444 ng

RT: 13.59 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

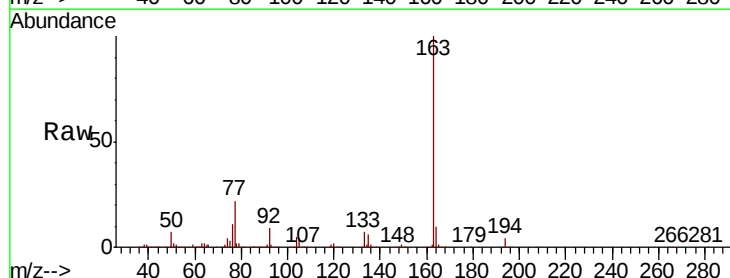
Tgt Ion:163 Resp: 3339477

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

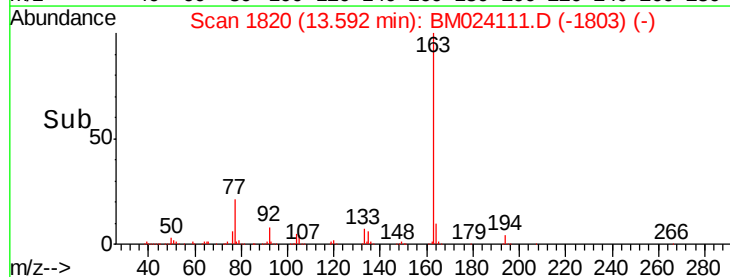
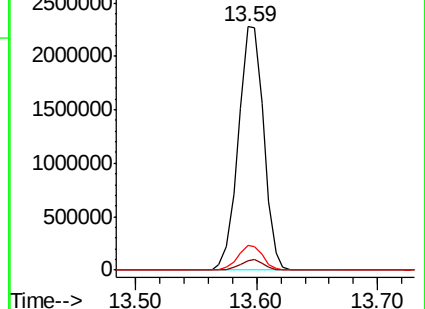
164 10.1 8.1 12.1

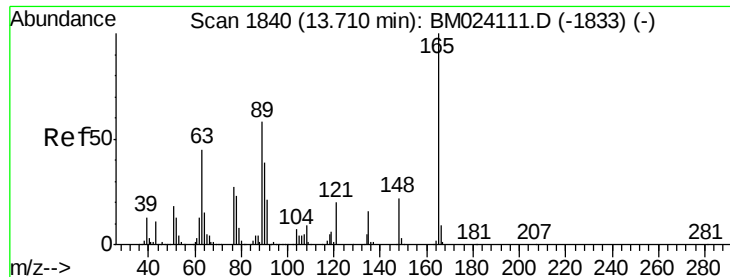


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





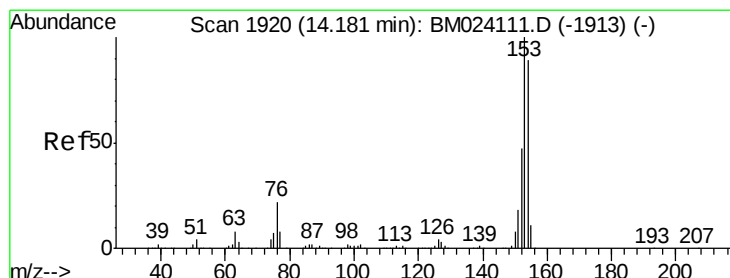
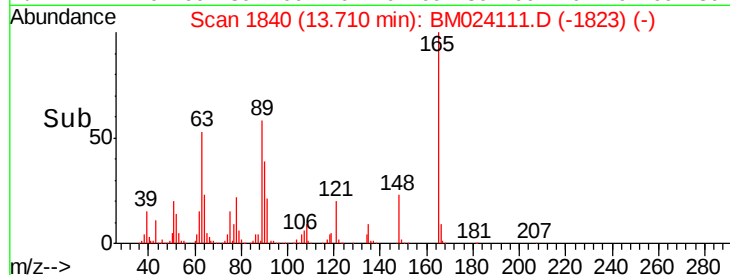
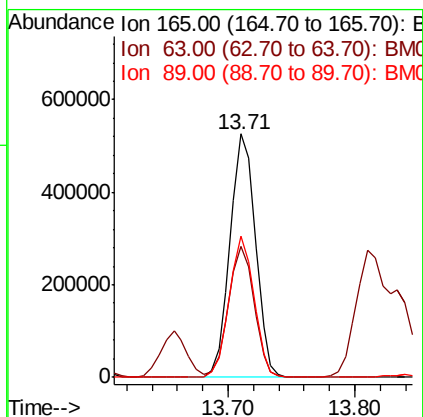
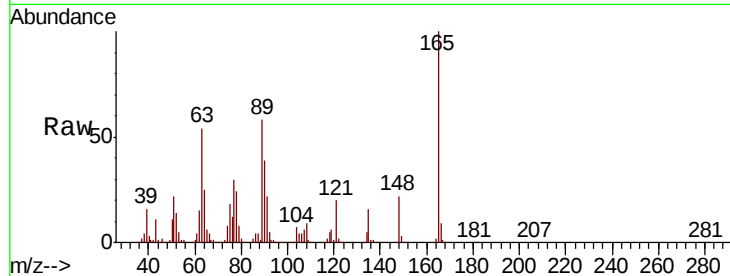
#51
2,6-Dinitrotoluene
Concen: 44.325 ng
RT: 13.71 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.8	43.0	64.6
89	58.0	46.4	69.6

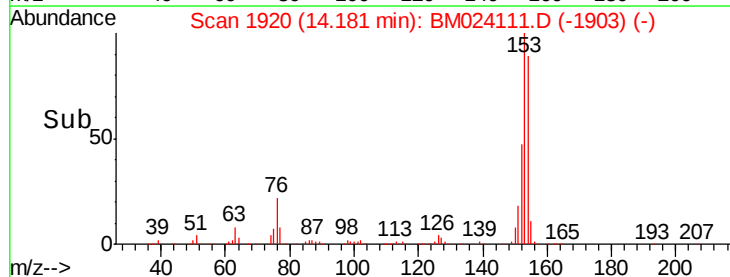
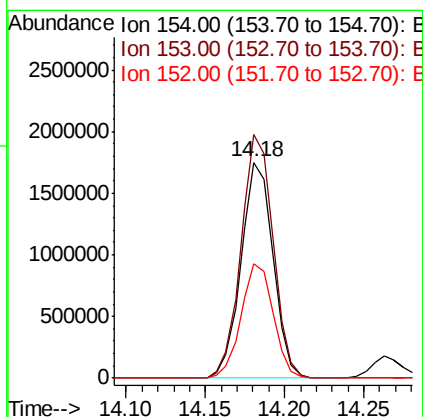
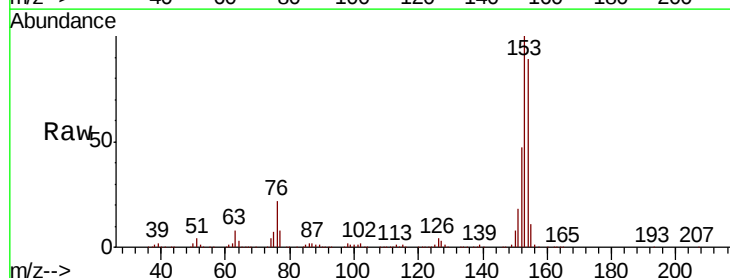
Manual Integrations
APPROVED

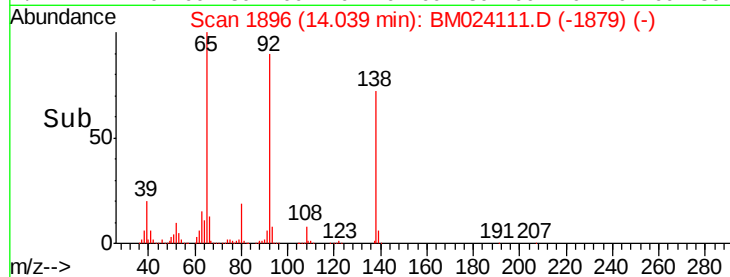
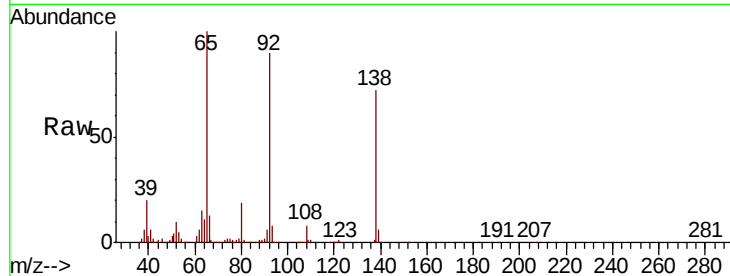
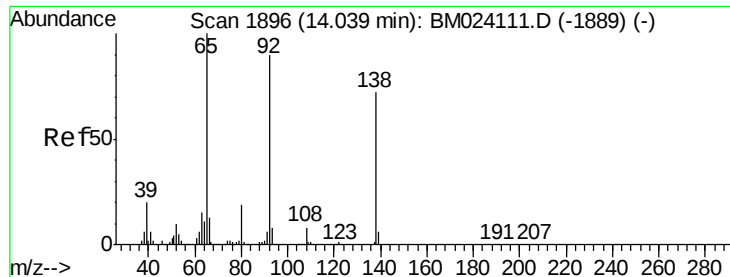
mohammad
12/17/2019 3:20:14 PM



#52
Acenaphthene
Concen: 37.682 ng
RT: 14.18 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.4	135.6
152	52.9	42.3	63.5





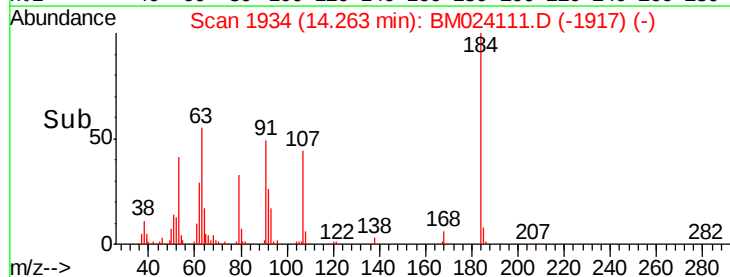
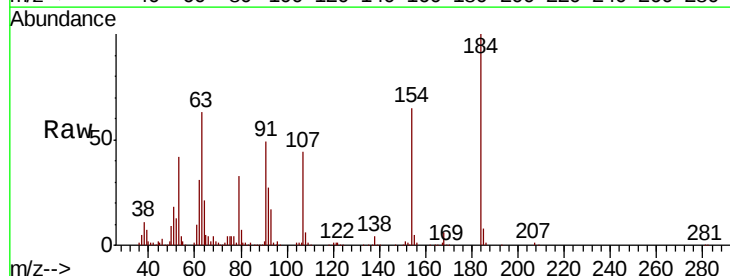
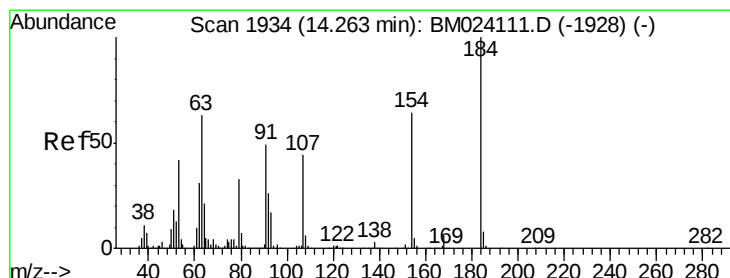
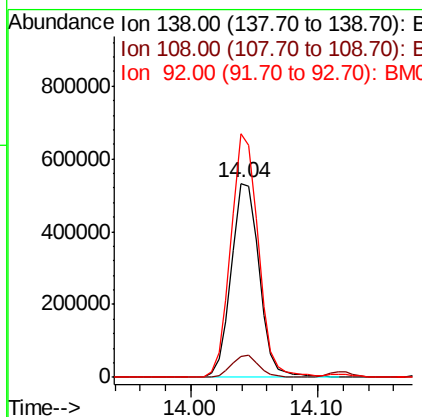
#53
3-Nitroaniline
Concen: 42.908 ng
RT: 14.04 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	125.7	100.6	150.8

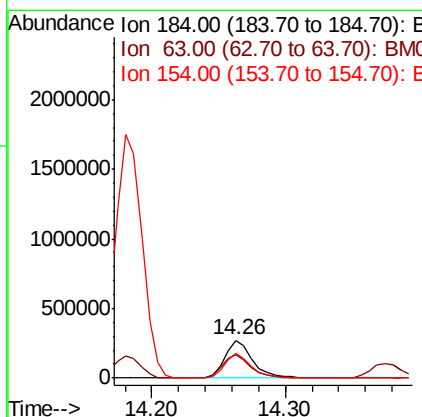
Manual Integrations
APPROVED

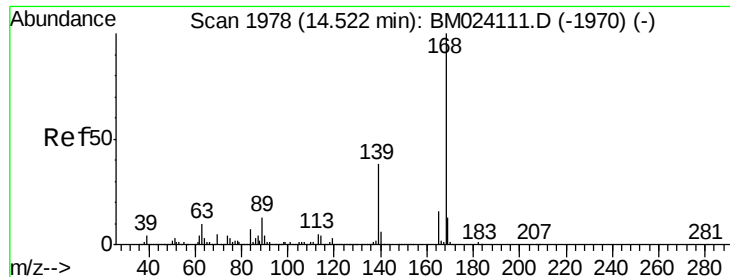
mohammad
12/17/2019 3:20:14 PM



#54
2,4-Dinitrophenol
Concen: 51.166 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	50.2	75.4
154	64.8	51.8	77.8





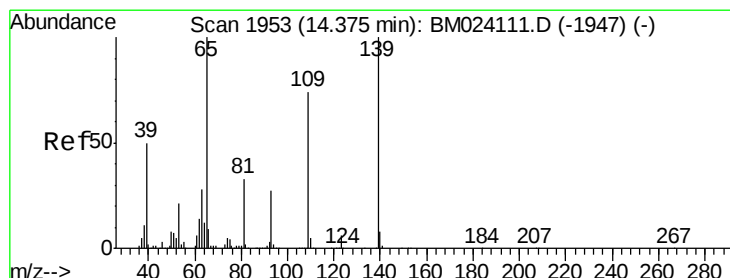
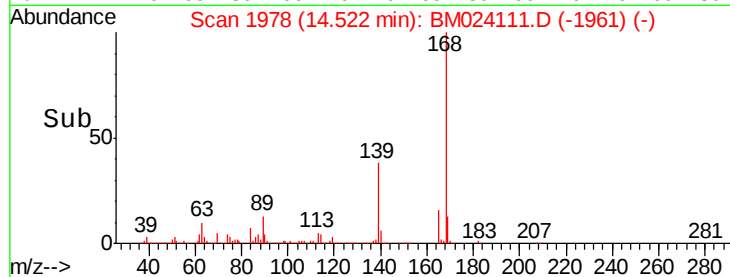
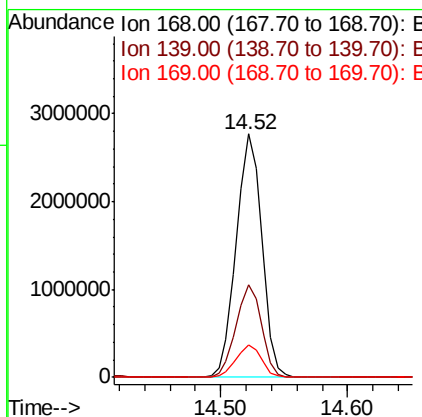
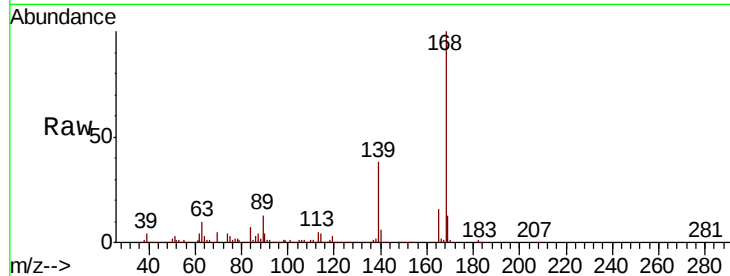
#55
Dibenzofuran
Concen: 40.638 ng
RT: 14.52 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.4	45.6
169	13.3	10.6	16.0

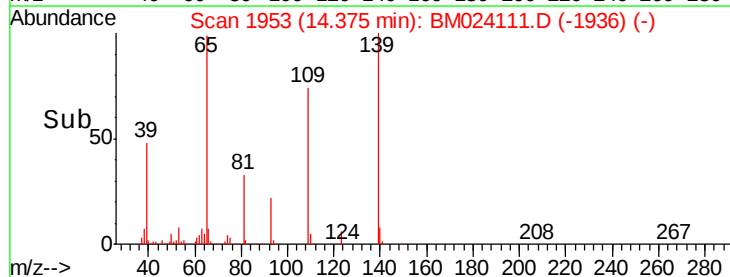
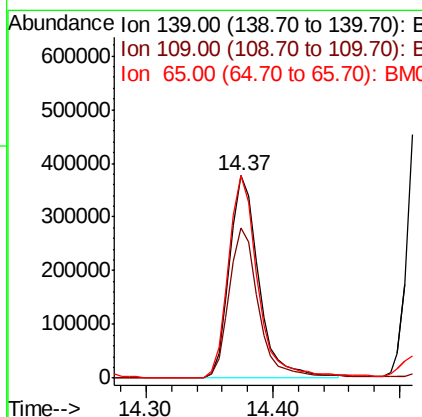
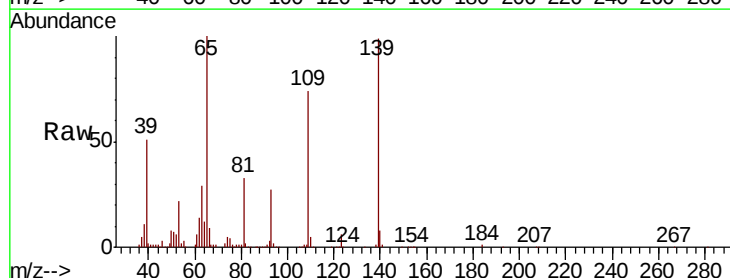
Manual Integrations
APPROVED

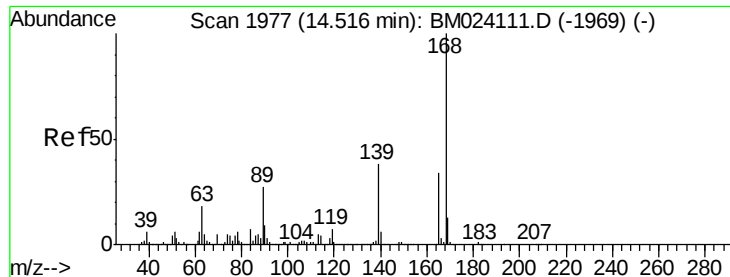
mohammad
12/17/2019 3:20:14 PM



#56
4-Nitrophenol
Concen: 41.458 ng
RT: 14.37 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	54.2	94.2
65	100.5	80.5	120.5





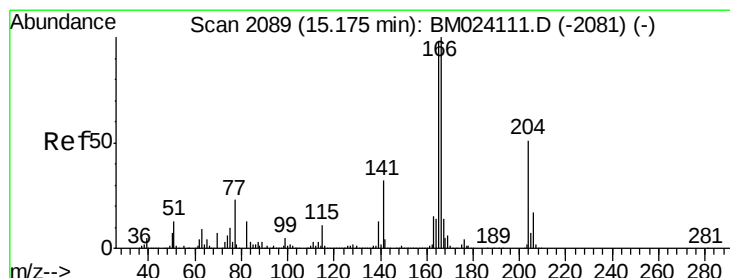
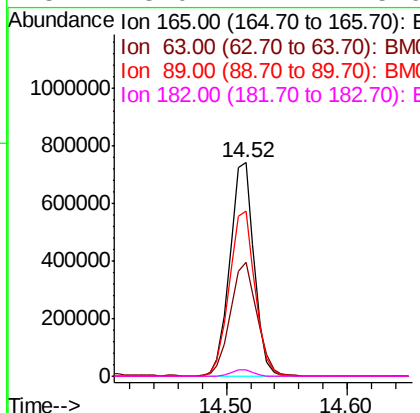
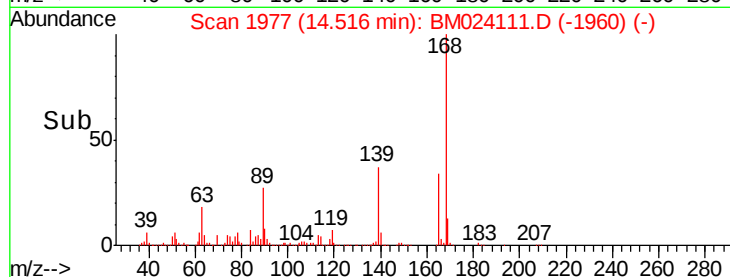
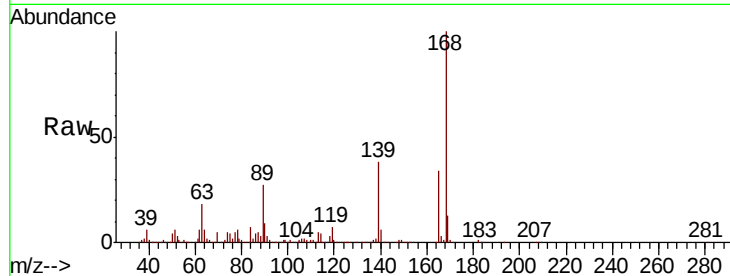
#57
2,4-Dinitrotoluene
Concen: 48.127 ng
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:165 Resp: 1037628
Ion Ratio Lower Upper
165 100
63 53.3 42.6 64.0
89 77.0 61.6 92.4
182 3.0 2.4 3.6

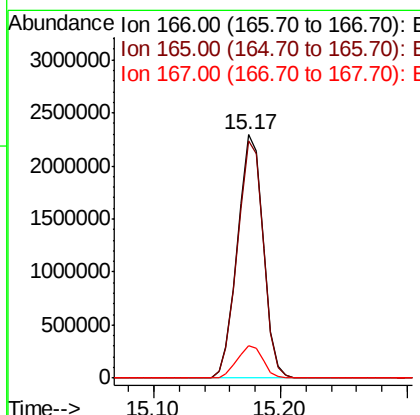
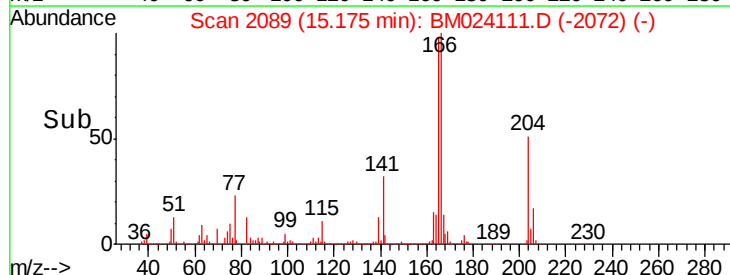
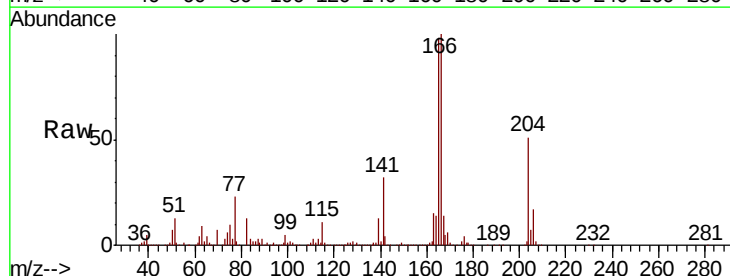
Manual Integrations
APPROVED

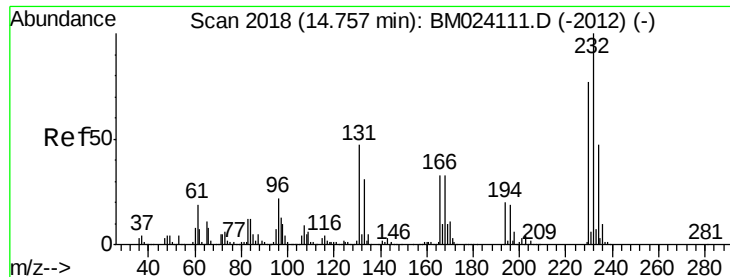
mohammad
12/17/2019 3:20:14 PM



#58
Fluorene
Concen: 41.623 ng
RT: 15.17 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:166 Resp: 3212836
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 10.9 16.3





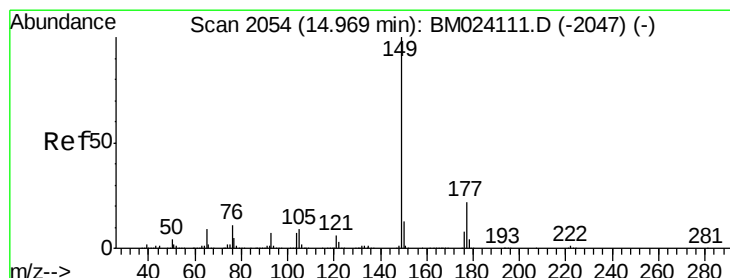
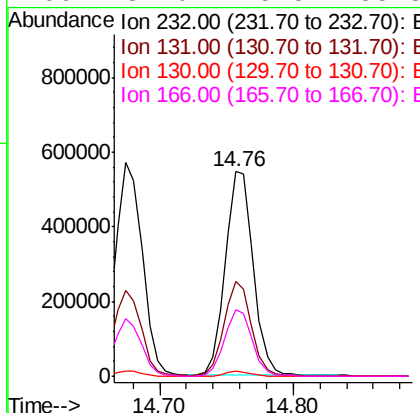
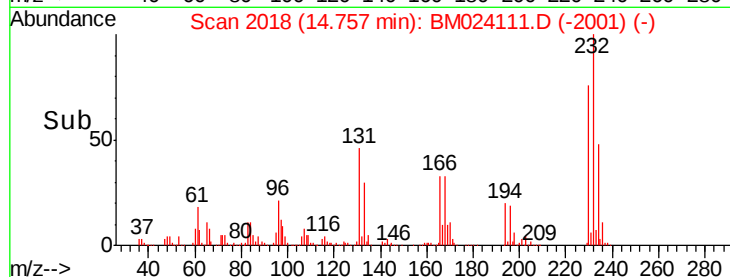
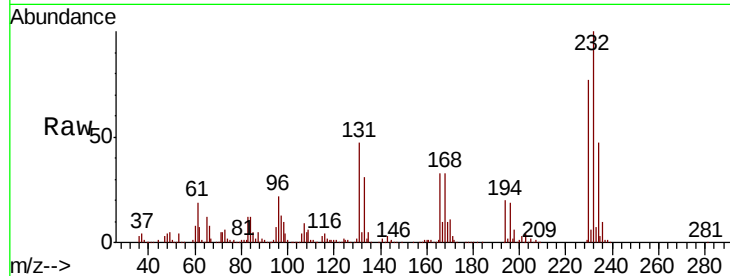
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.416 ng
RT: 14.76 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:	232	Resp:	801403
Ion Ratio		Lower	Upper
232	100		
131	45.2	36.1	54.1
130	2.4	1.9	2.9
166	32.0	25.5	38.3

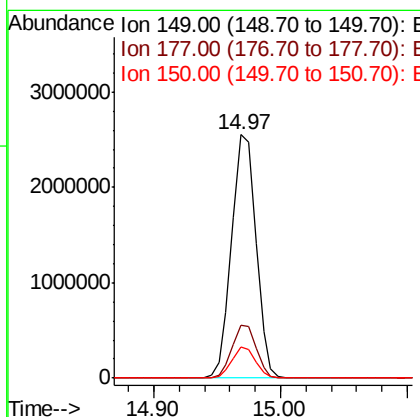
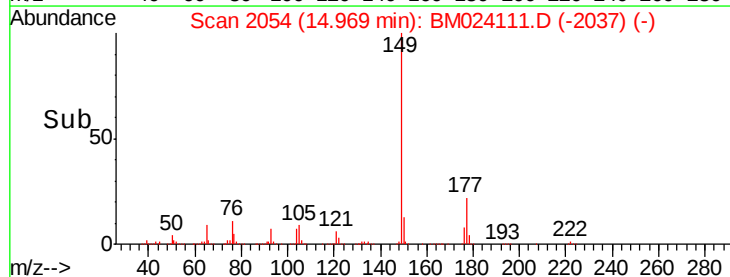
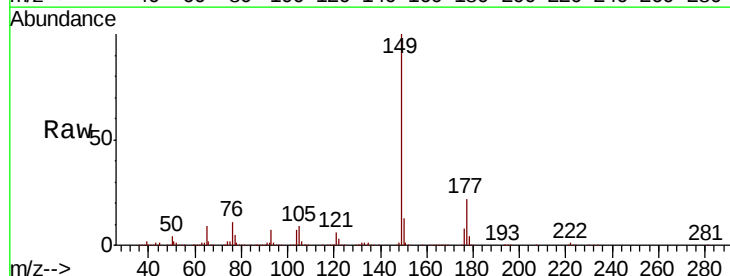
Manual Integrations
APPROVED

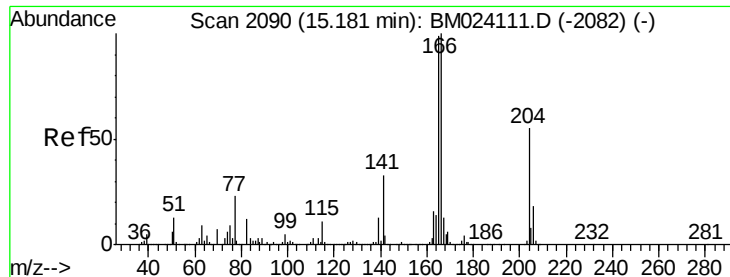
mohammad
12/17/2019 3:20:14 PM



#60
Diethylphthalate
Concen: 44.548 ng
RT: 14.97 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:	149	Resp:	3408021
Ion Ratio		Lower	Upper
149	100		
177	21.6	17.3	25.9
150	12.6	10.1	15.1





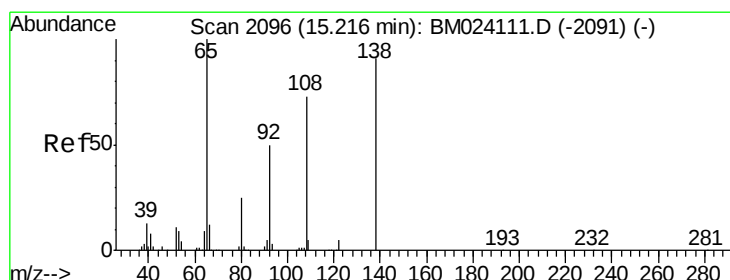
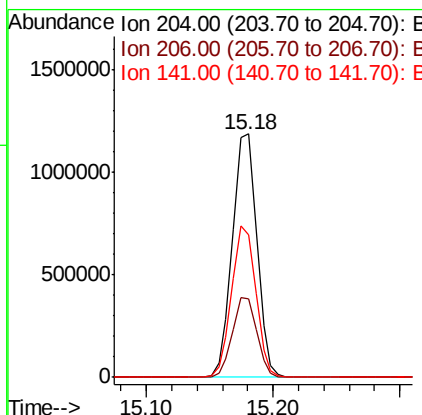
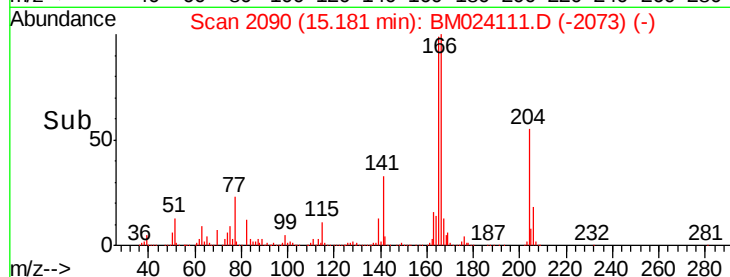
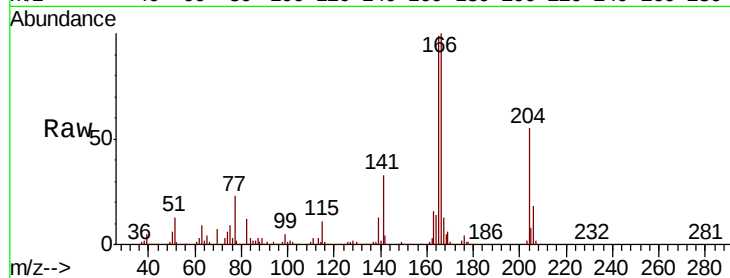
#61
4-Chlorophenyl-phenylether
Concen: 39.994 ng
RT: 15.18 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	58.7	47.0	70.4

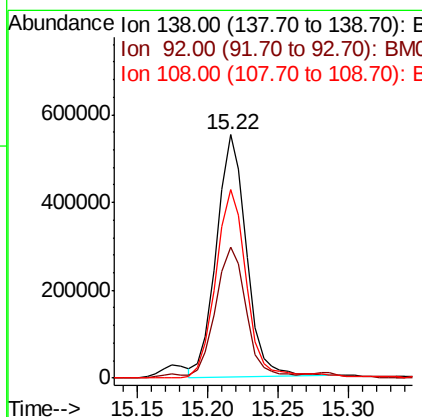
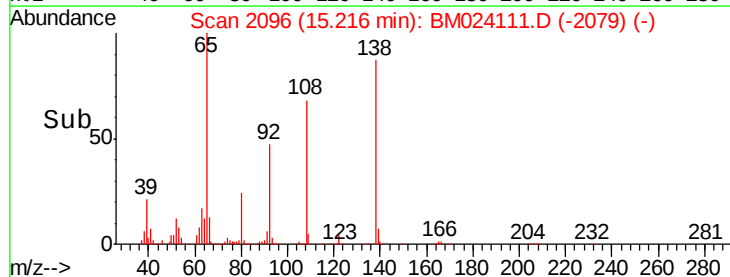
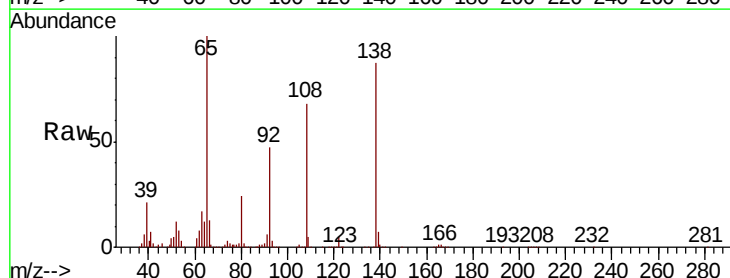
Manual Integrations
APPROVED

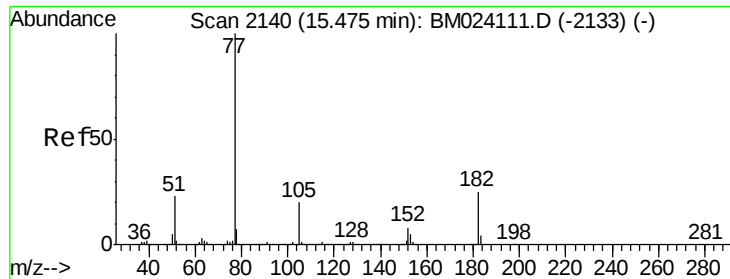
mohammad
12/17/2019 3:20:14 PM



#62
4-Nitroaniline
Concen: 40.857 ng
RT: 15.22 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	33.8	73.8
108	77.6	57.6	97.6





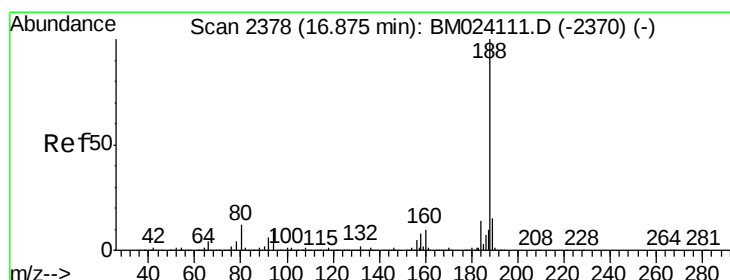
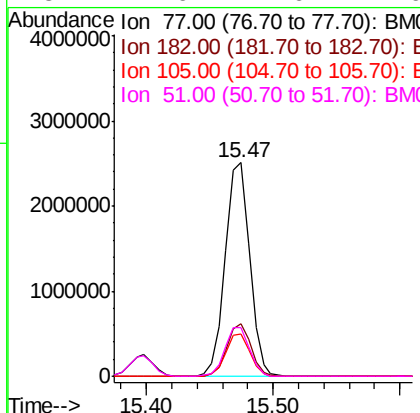
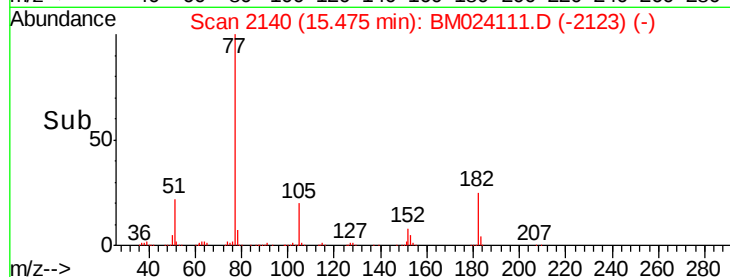
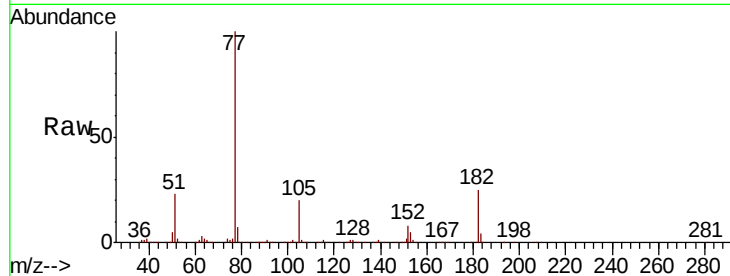
#63
Azobenzene
Concen: 48.400 ng
RT: 15.47 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	77	Resp	3343773
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.7	44.7
105	20.0	0.0	40.0
51	22.6	2.6	42.6

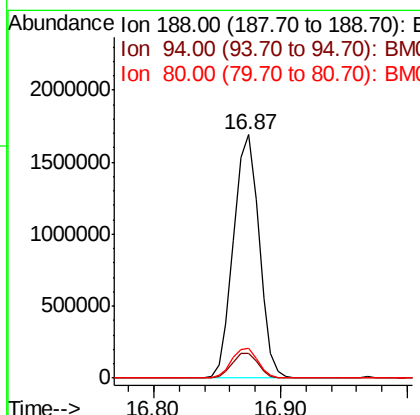
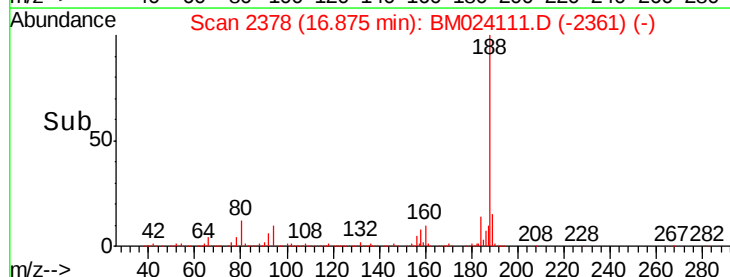
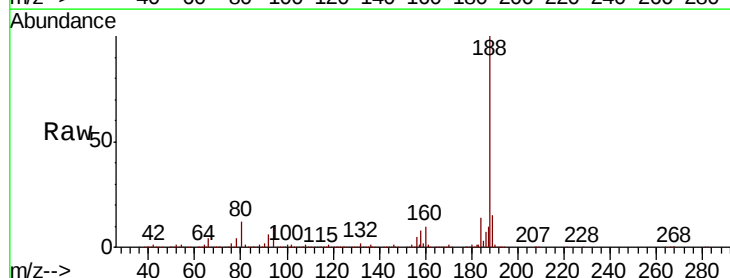
Manual Integrations
APPROVED

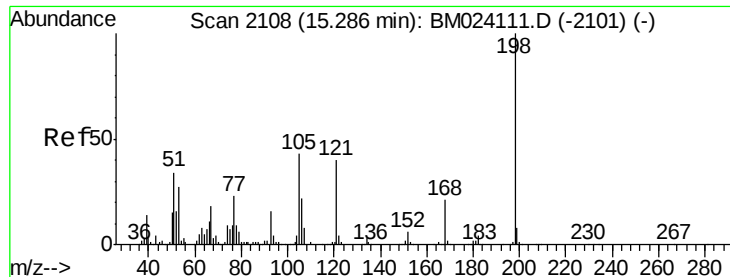
mohammad
12/17/2019 3:20:14 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	188	Resp	2369729
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	12.0	9.6	14.4





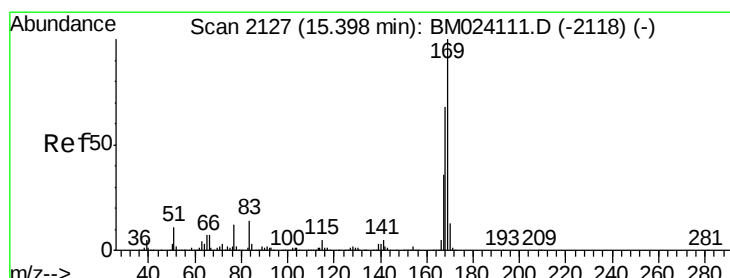
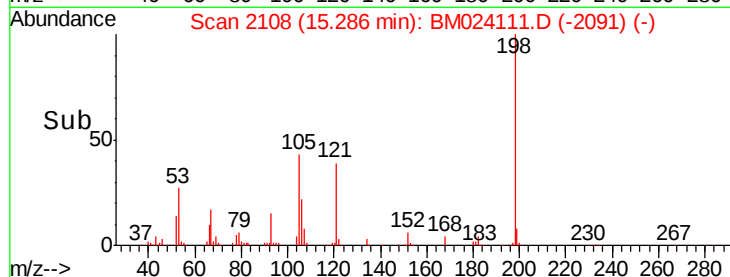
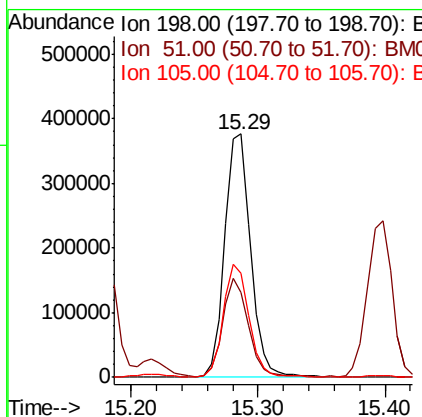
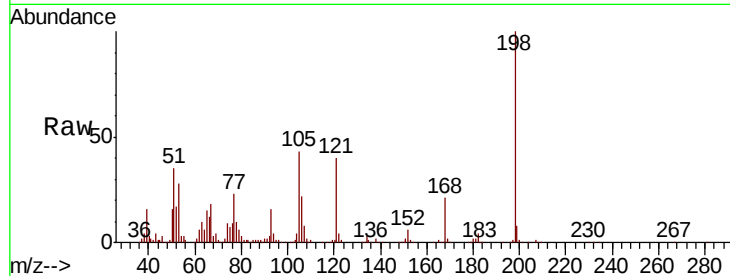
#65
4,6-Dinitro-2-methylphenol
Concen: 48.055 ng
RT: 15.29 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	533312		
51	35.0	15.0	55.0	
105	42.9	22.9	62.9	

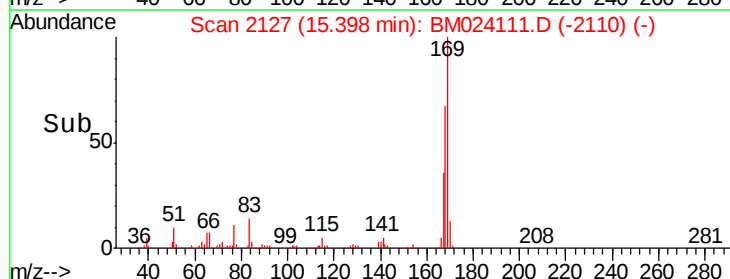
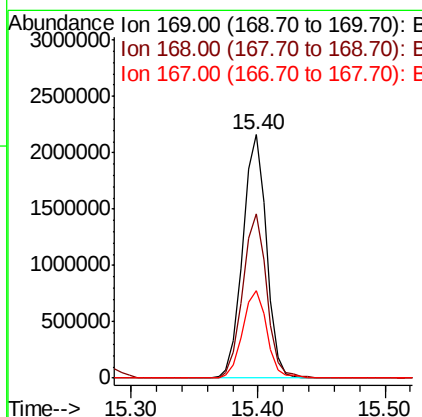
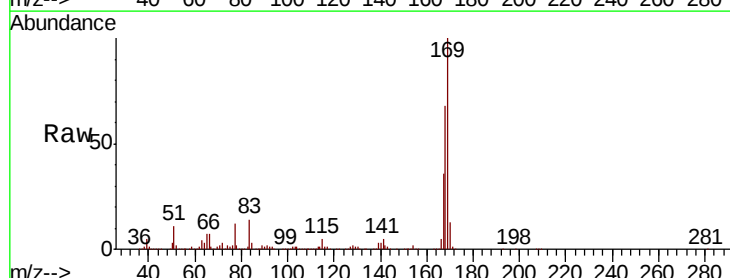
Manual Integrations
APPROVED

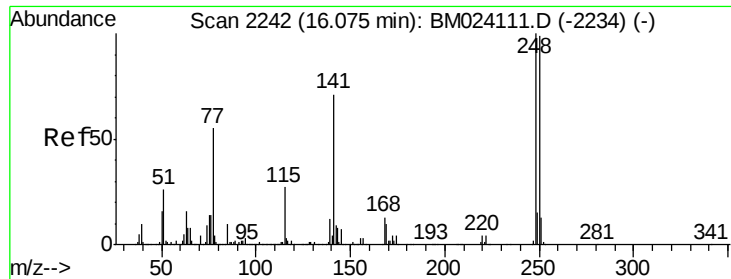
mohammad
12/17/2019 3:20:14 PM



#66
n-Nitrosodiphenylamine
Concen: 38.586 ng
RT: 15.40 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2793461		
168	67.5	54.0	81.0	
167	36.1	28.9	43.3	





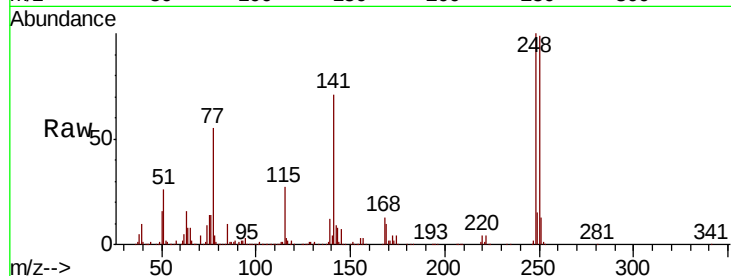
#67
4-Bromophenyl-phenylether
Concen: 39.406 ng
RT: 16.07 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.1	118.7
141	71.0	56.8	85.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM

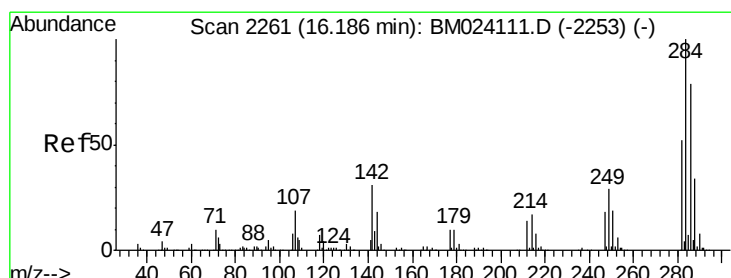
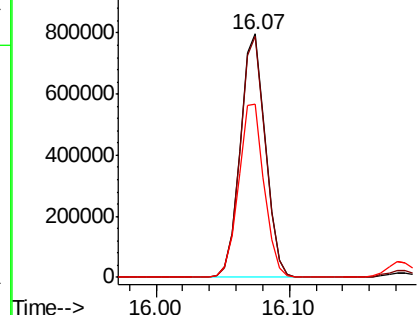
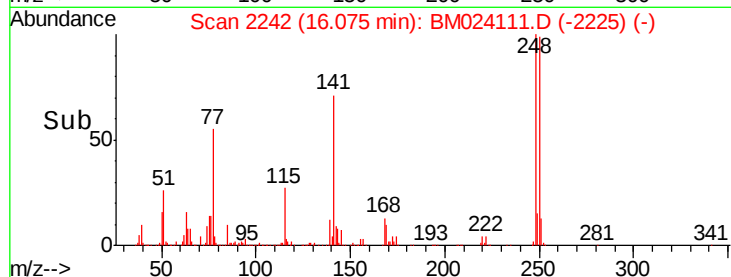


Abundance

Ion 248.00 (247.70 to 248.70): E

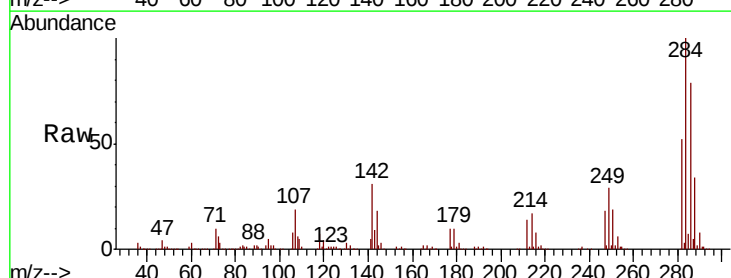
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.123 ng
RT: 16.19 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	29.4	23.5	35.3

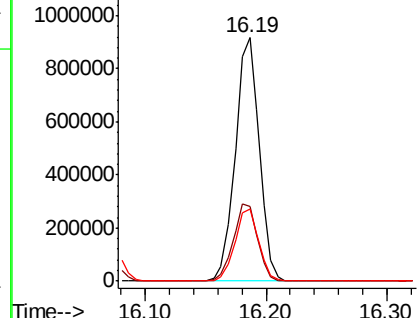
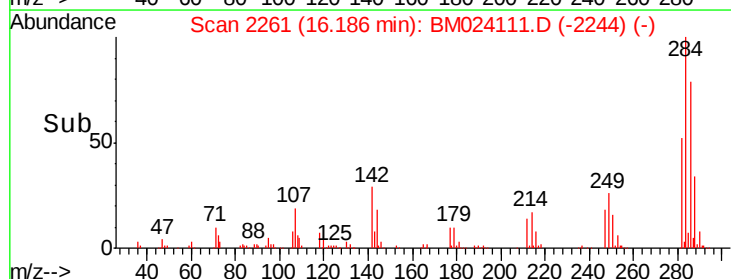


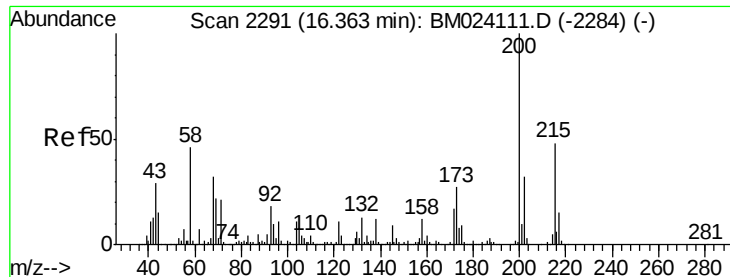
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





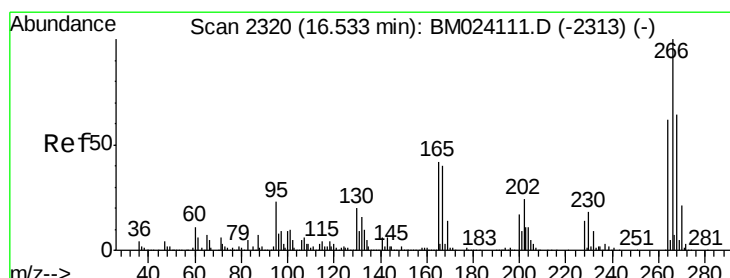
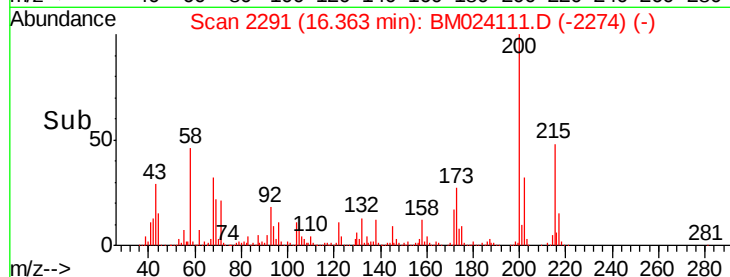
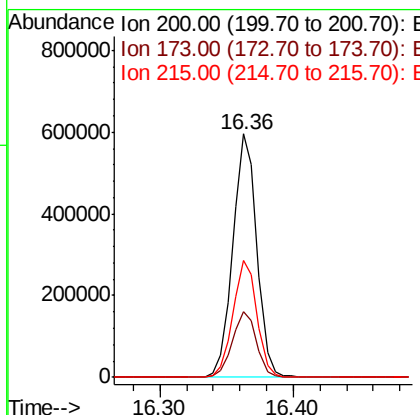
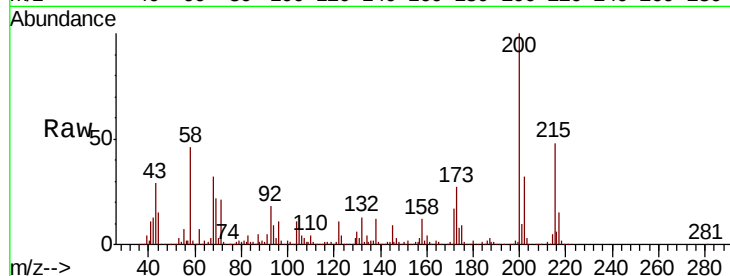
#69
Atrazine
Concen: 31.758 ng
RT: 16.36 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	47.9	27.9	67.9

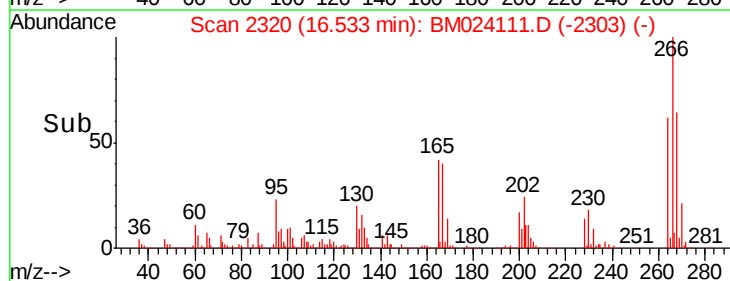
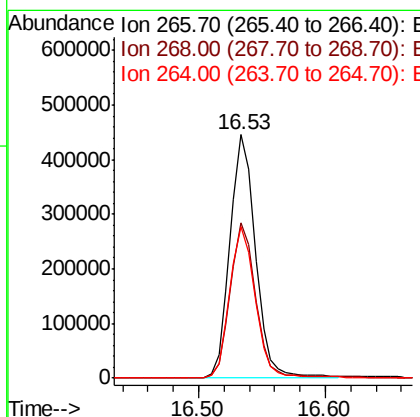
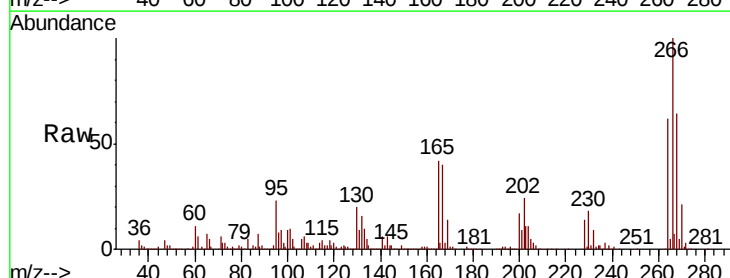
Manual Integrations
APPROVED

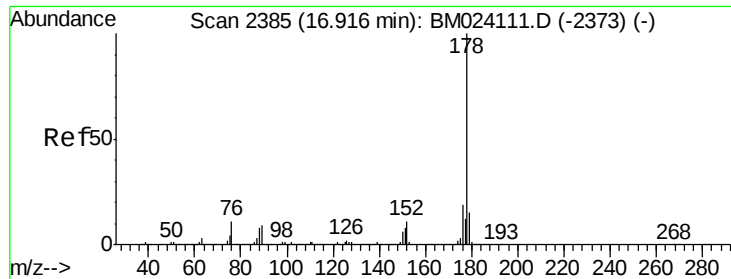
mohammad
12/17/2019 3:20:14 PM



#70
Pentachlorophenol
Concen: 37.956 ng
RT: 16.53 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.0	49.6	74.4





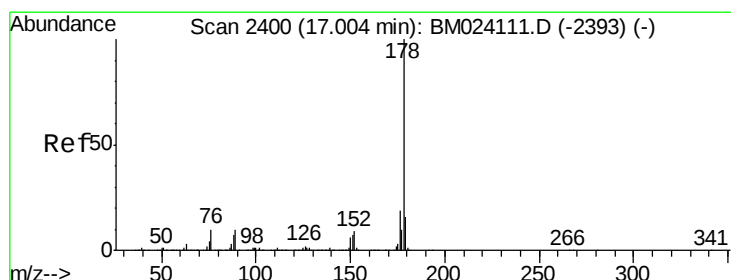
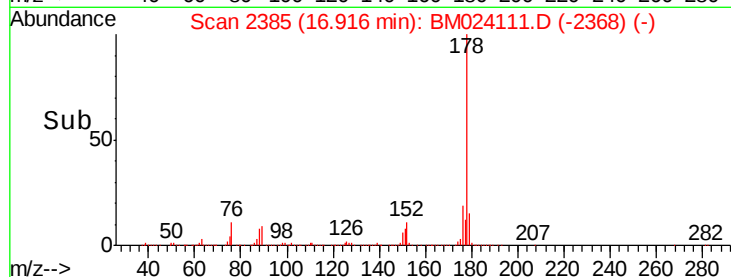
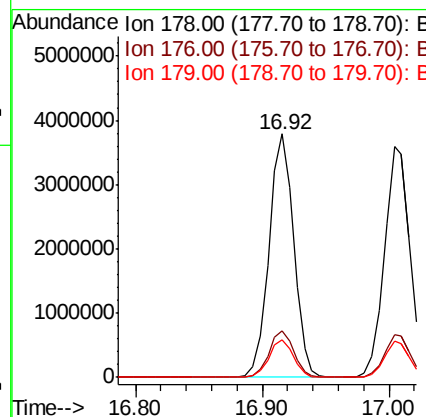
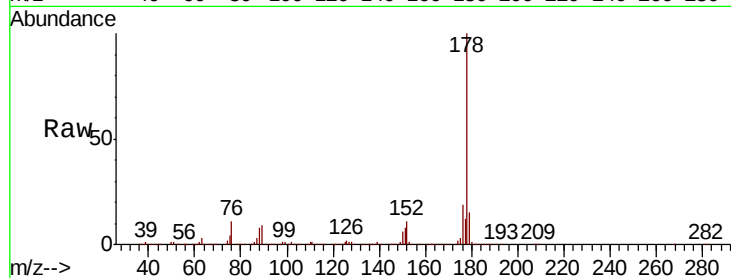
#71
Phenanthrene
Concen: 38.384 ng
RT: 16.92 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

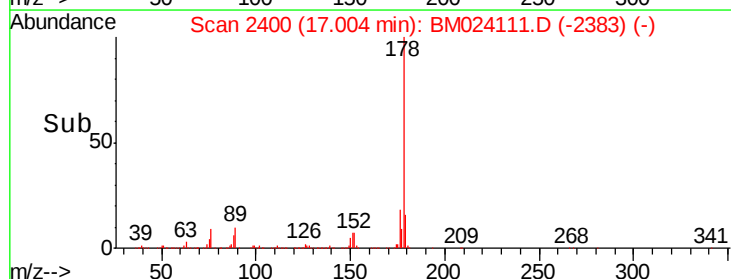
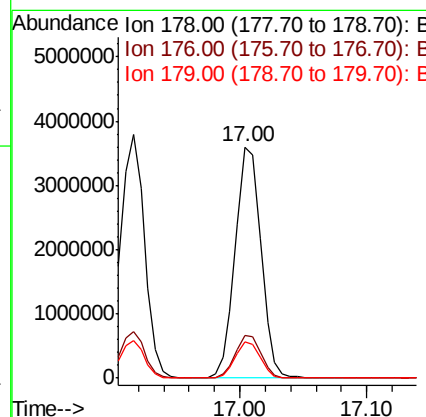
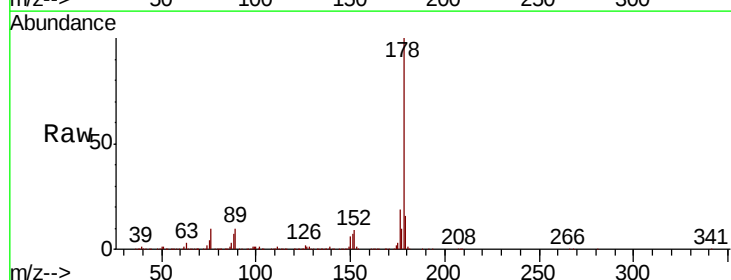
Manual Integrations
APPROVED

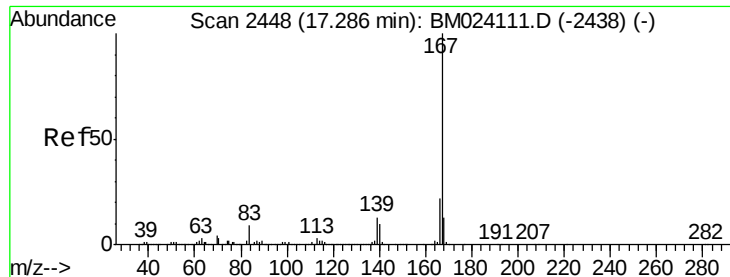
mohammad
12/17/2019 3:20:14 PM



#72
Anthracene
Concen: 38.855 ng
RT: 17.00 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7





#73

Carbazole

Concen: 39.670 ng

RT: 17.29 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:167 Resp: 4783846

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

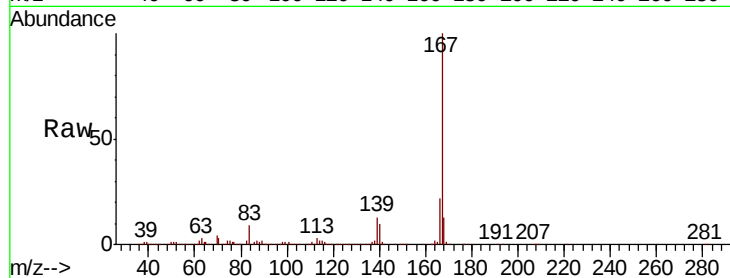
139 12.8 10.2 15.4

Manual Integrations

APPROVED

mohammad

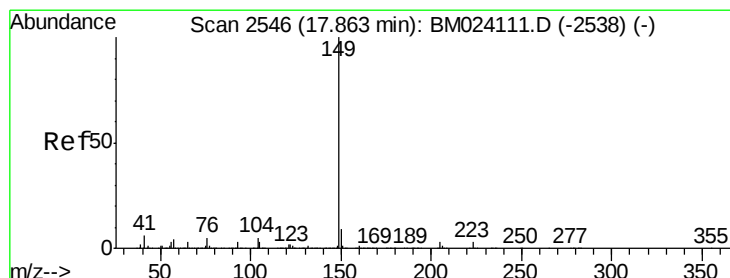
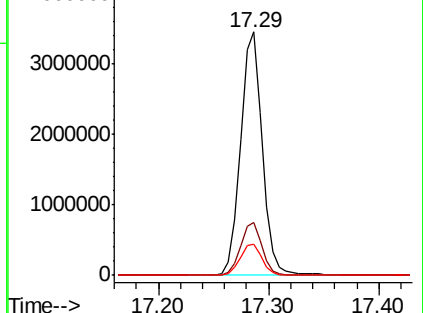
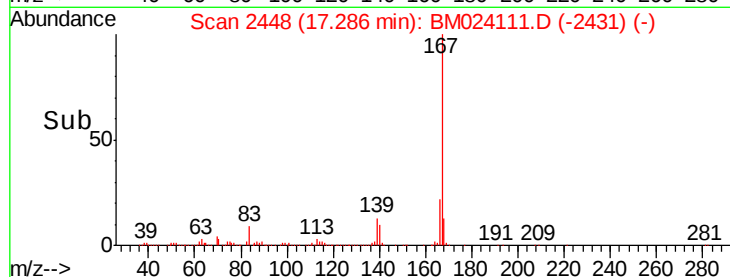
12/17/2019 3:20:14 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.320 ng

RT: 17.86 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

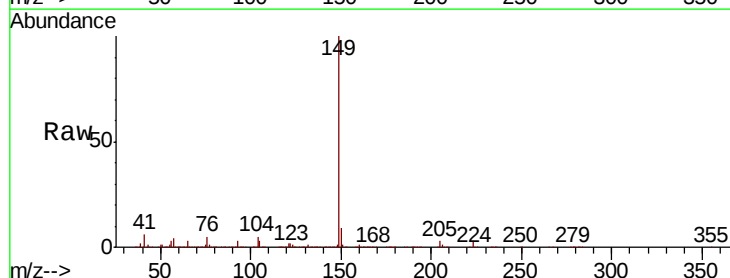
Tgt Ion:149 Resp: 5923482

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

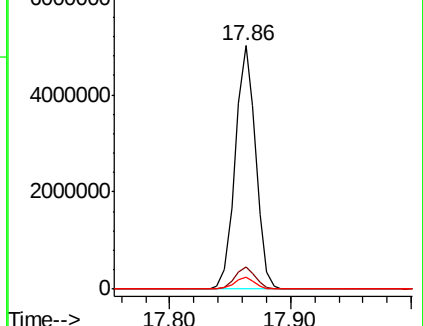
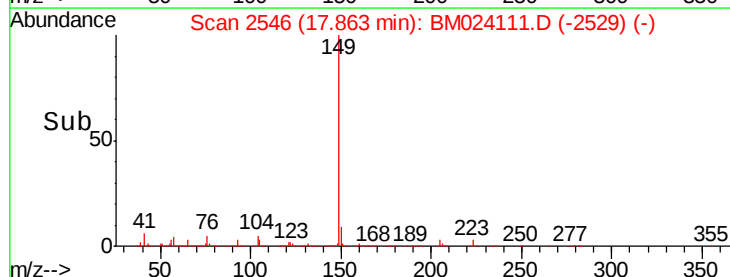
104 5.0 4.0 6.0

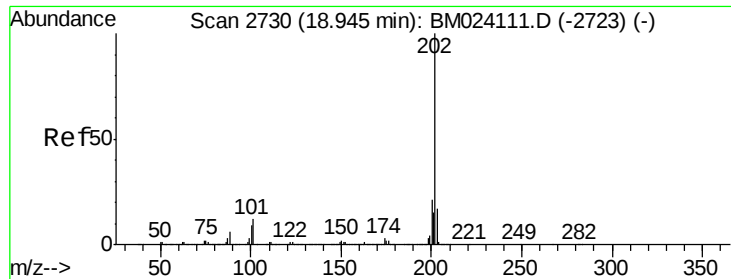


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.484 ng

RT: 18.95 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 5957573

Ion Ratio Lower Upper

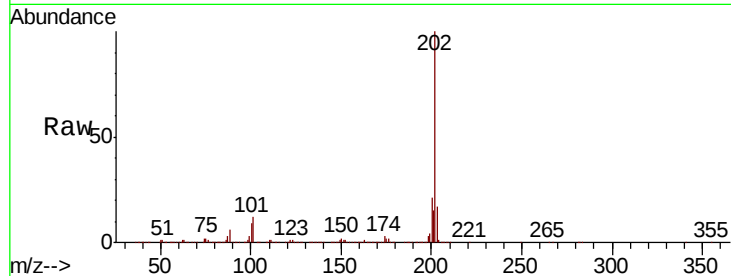
202 100

101 12.0 0.0 32.0

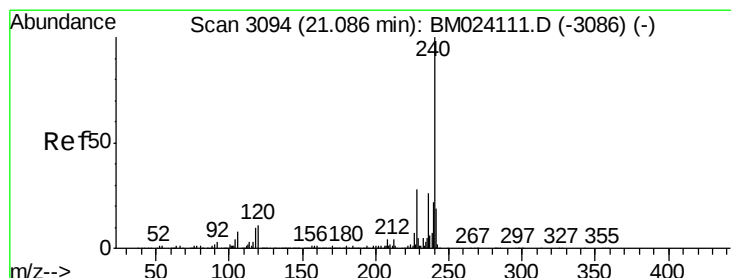
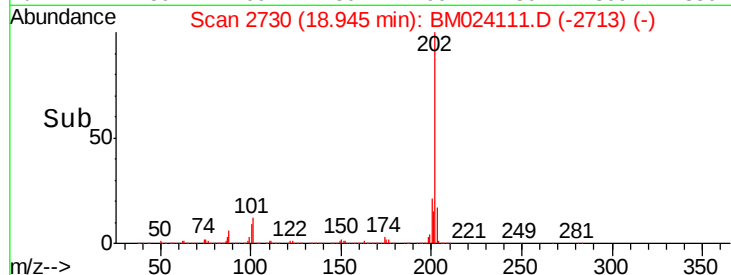
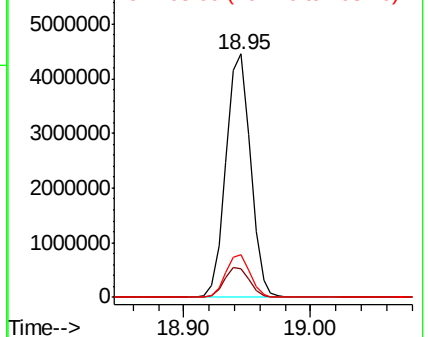
203 17.5 0.0 37.5

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM



Abundance Ion 202.00 (201.70 to 202.70): E
6000000
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: 21.09 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

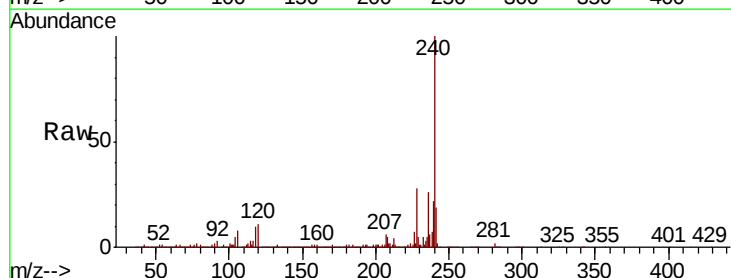
Tgt Ion:240 Resp: 2408466

Ion Ratio Lower Upper

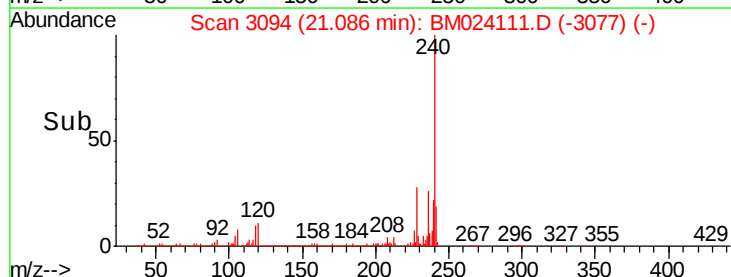
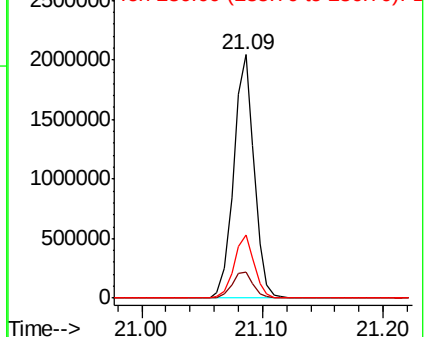
240 100

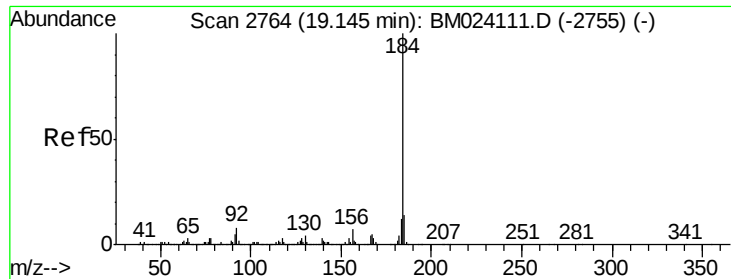
120 10.8 8.6 13.0

236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
2500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.283 ng

RT: 19.15 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 2066926

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.4

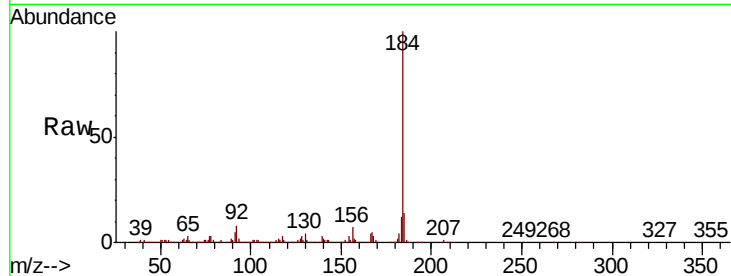
183 12.4 9.9 14.9

Manual Integrations

APPROVED

mohammad

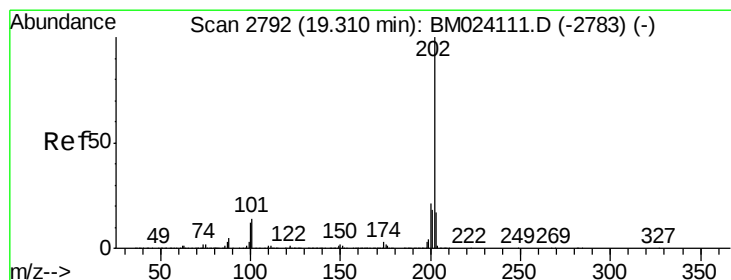
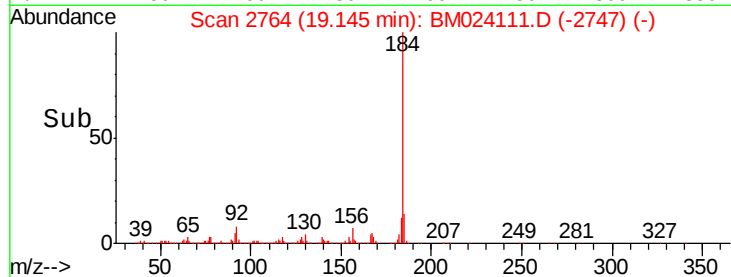
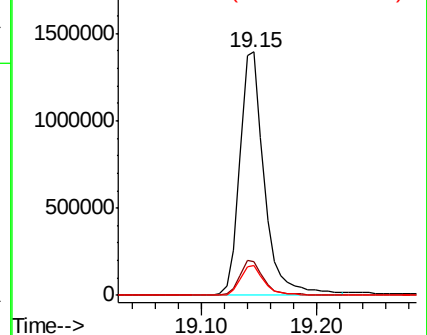
12/17/2019 3:20:14 PM



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: 38.794 ng

RT: 19.31 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

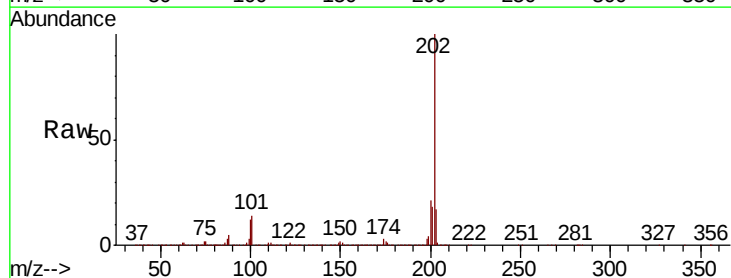
Tgt Ion:202 Resp: 6123187

Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

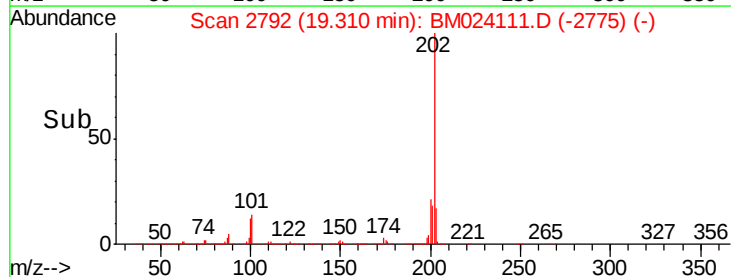
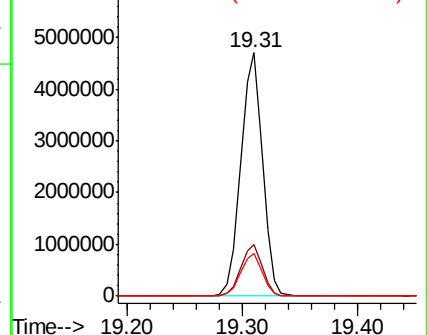
203 17.5 14.0 21.0

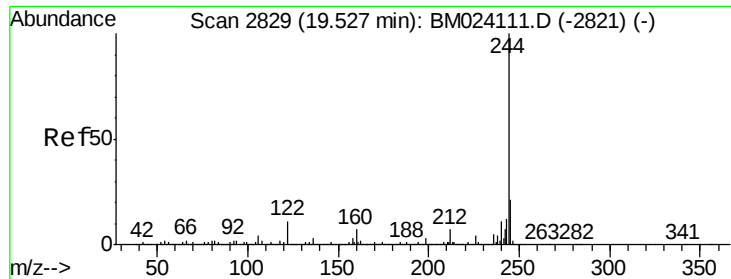


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





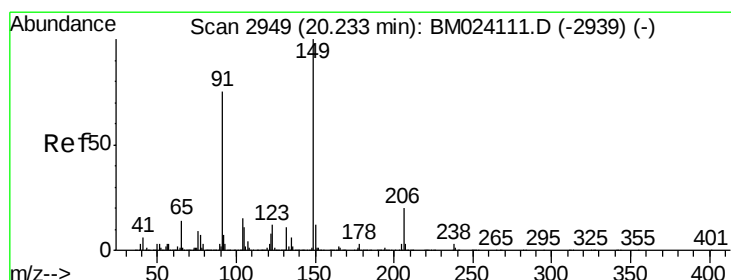
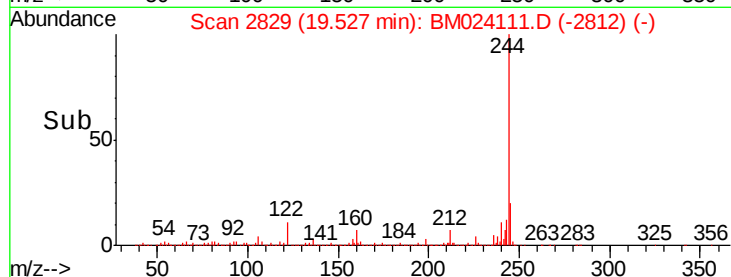
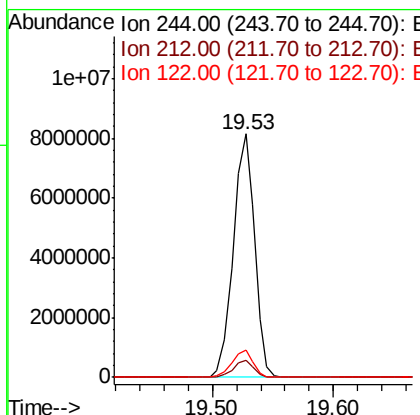
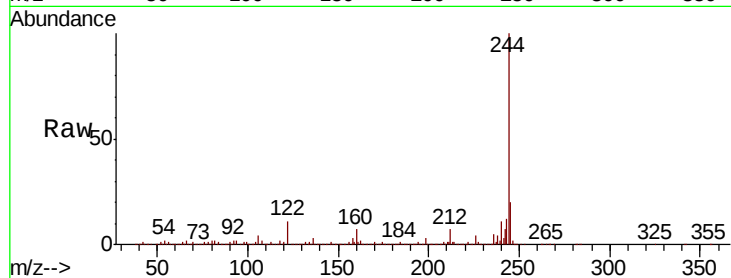
#79
 Terphenyl-d14
 Concen: 80.630 ng
 RT: 19.53 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion:244 Resp:10028755
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.9 13.3

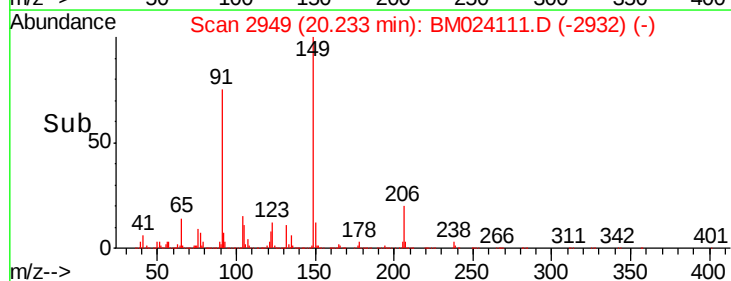
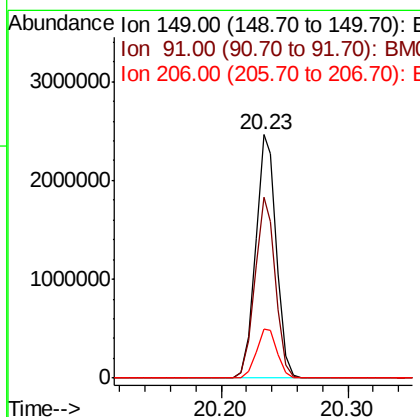
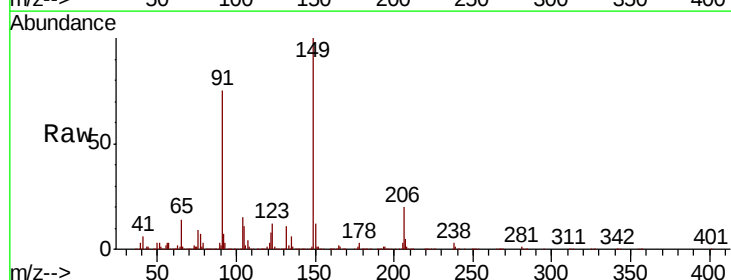
Manual Integrations
 APPROVED

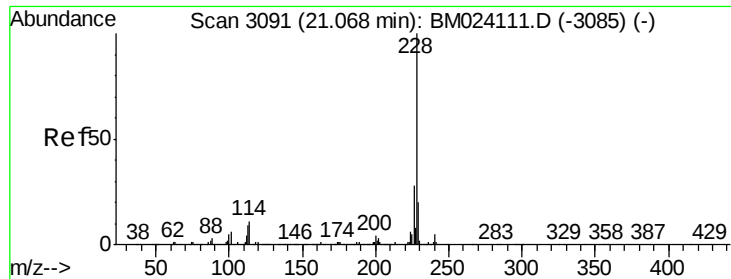
mohammad
 12/17/2019 3:20:14 PM



#80
 Butylbenzylphthalate
 Concen: 46.781 ng
 RT: 20.23 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Tgt Ion:149 Resp: 2806256
 Ion Ratio Lower Upper
 149 100
 91 74.6 59.7 89.5
 206 20.0 16.0 24.0





#81

Benzo(a)anthracene

Concen: 39.342 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 6141082

Ion Ratio Lower Upper

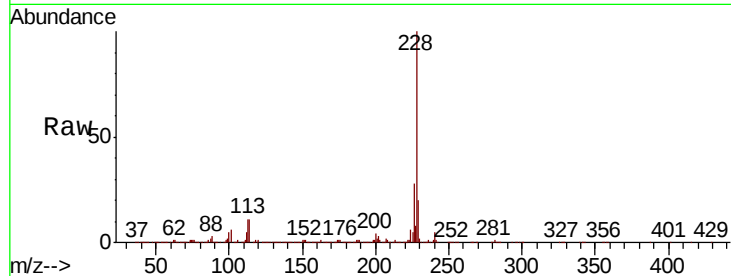
228 100

226 27.6 22.1 33.1

229 20.1 16.1 24.1

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM

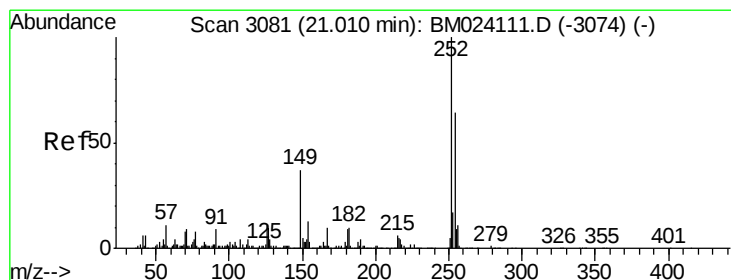
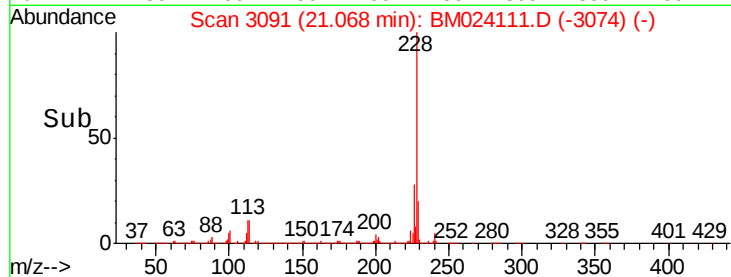
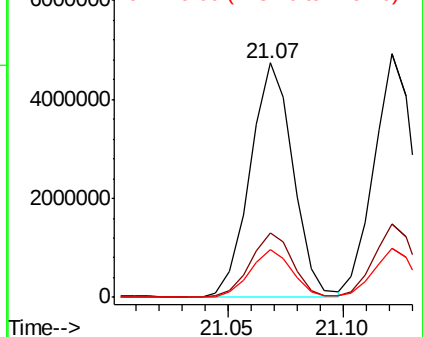


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 40.770 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM024111.D

Acq: 16 Dec 2019 16:45

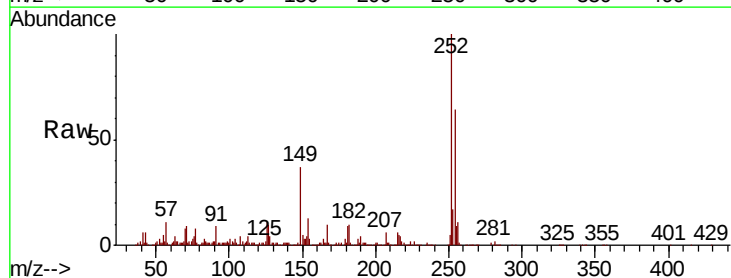
Tgt Ion:252 Resp: 2256913

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

126 10.8 8.6 13.0

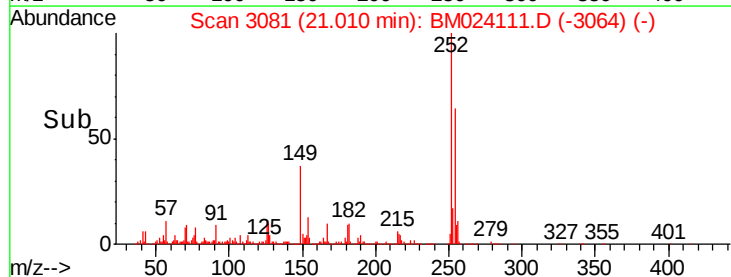
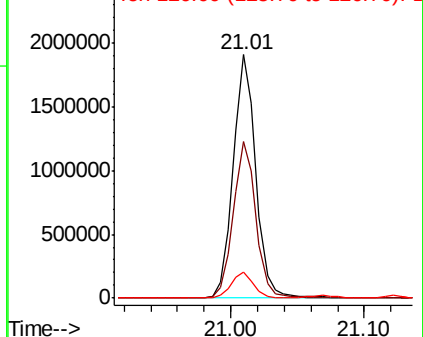


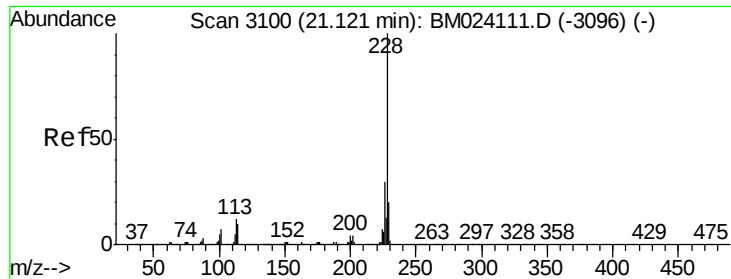
Abundance

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
 Chrvsene
 Concen: 38.706 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

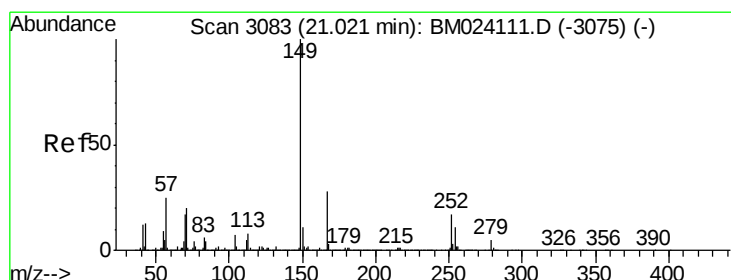
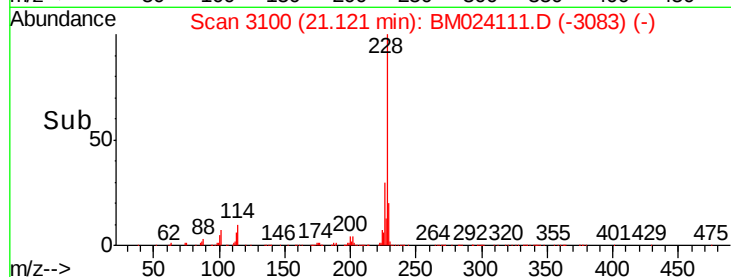
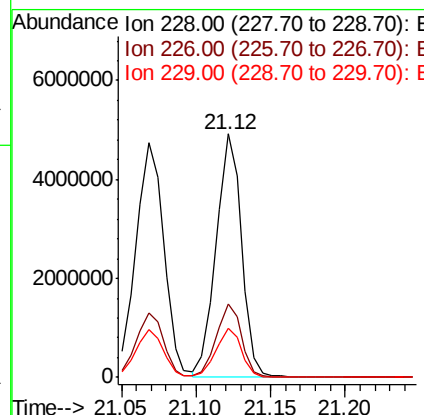
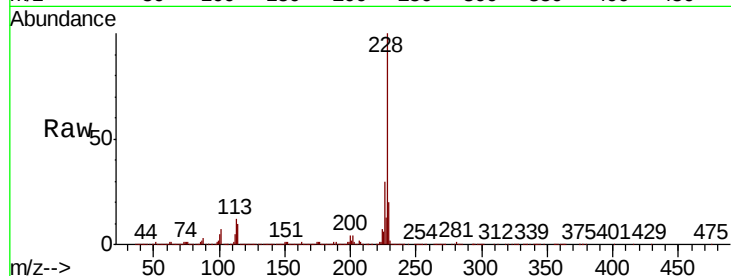
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion:228 Resp: 5857467

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.1	16.1	24.1

Manual Integrations
 APPROVED

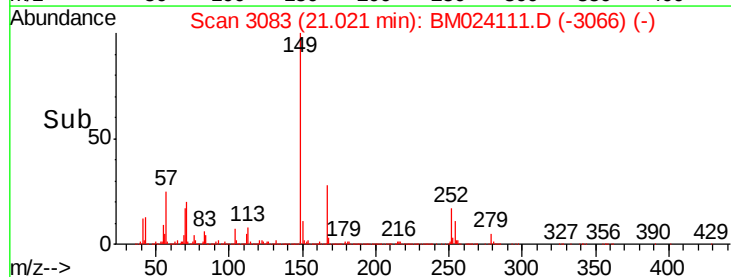
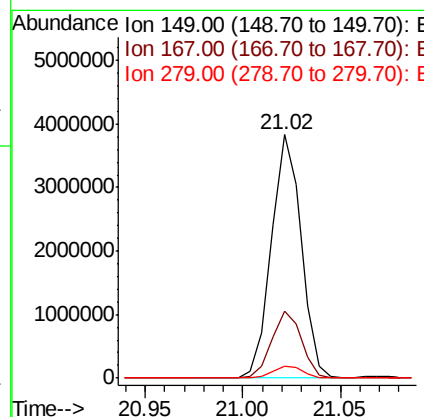
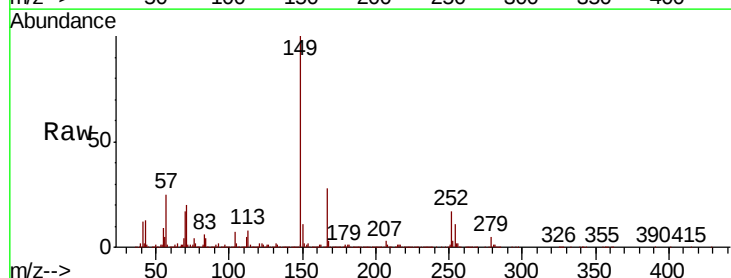
mohammad
 12/17/2019 3:20:14 PM

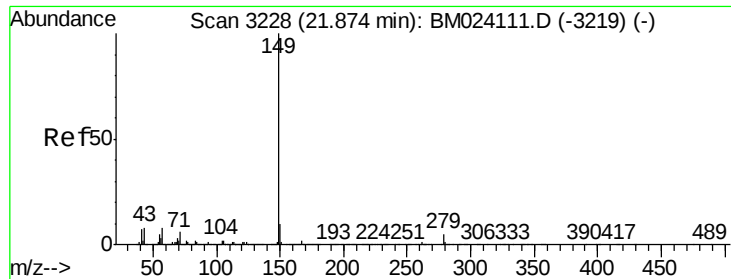


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.542 ng
 RT: 21.02 min Scan# 3083
 Delta R.T. 0.00 min
 Lab File: BM024111.D
 Acq: 16 Dec 2019 16:45

Tgt Ion:149 Resp: 4047864

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.9	3.9	5.9





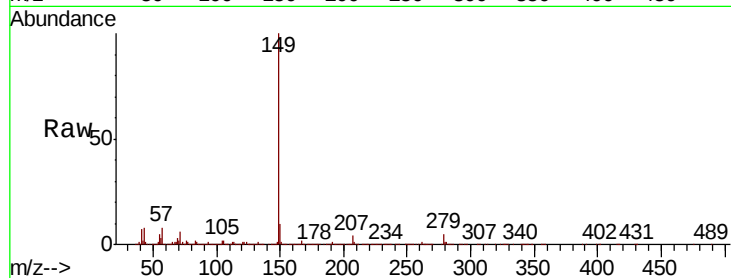
#85
Di-n-octyl phthalate
Concen: 48.016 ng
RT: 21.87 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

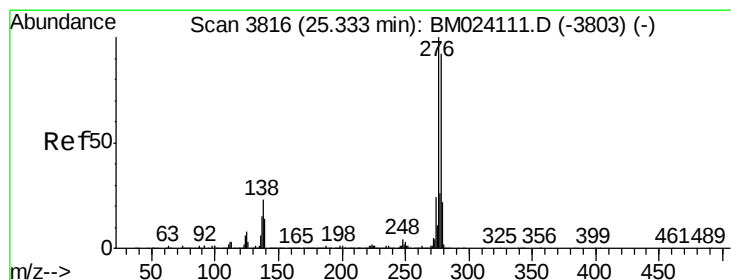
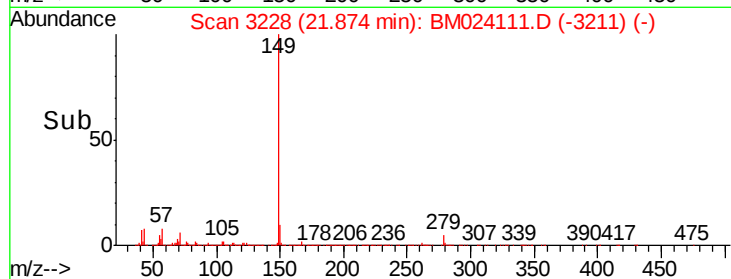
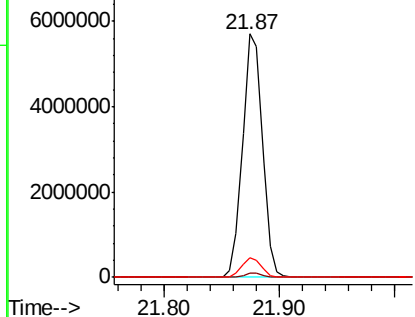
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.2	6.6	9.8

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM



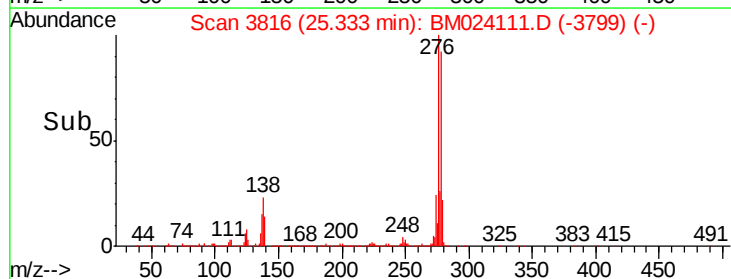
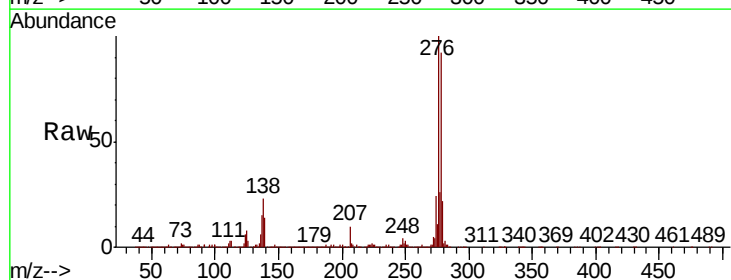
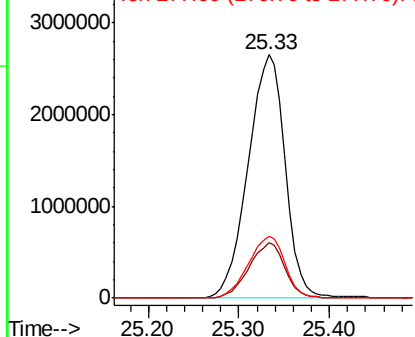
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

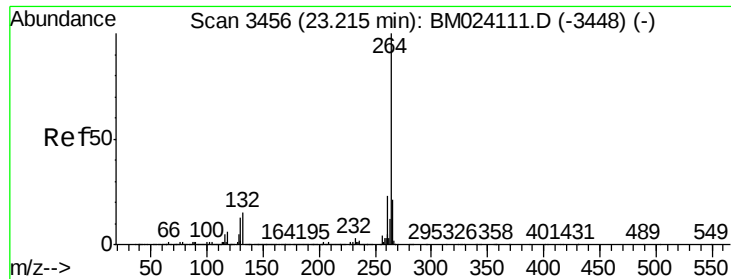


#86
Indeno(1,2,3-cd)pyrene
Concen: 41.704 ng
RT: 25.33 min Scan# 3816
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	0.0	0.0#
277	25.3	0.0	0.0#

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





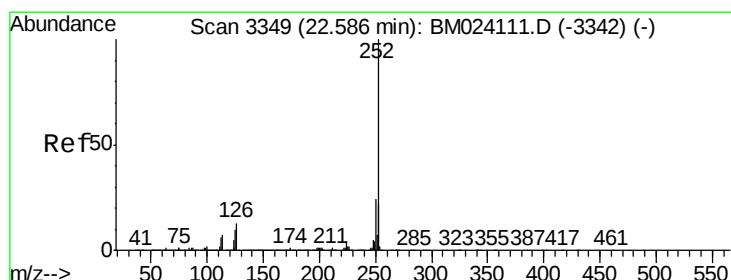
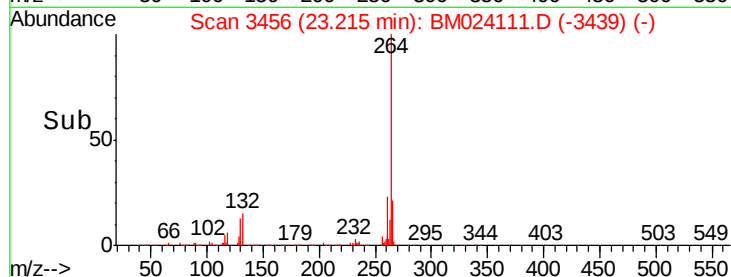
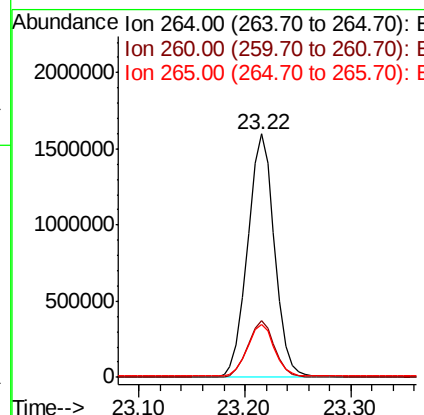
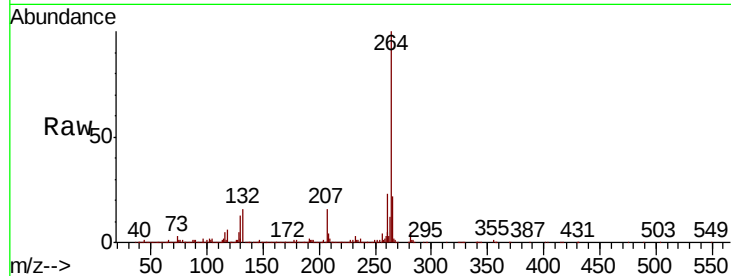
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.22 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.4	26.0

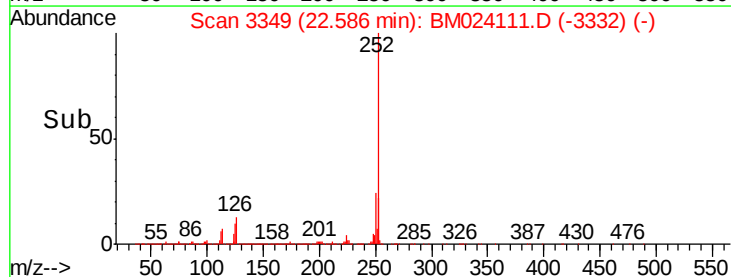
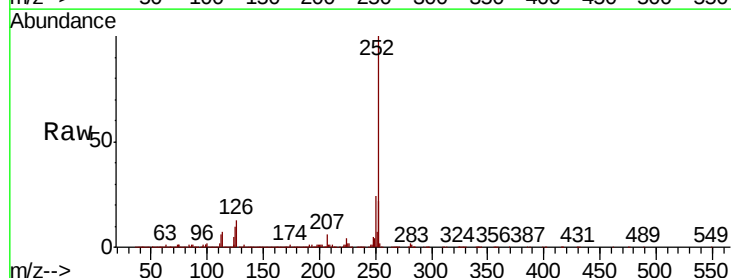
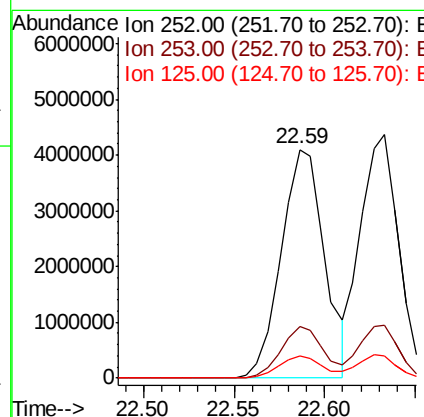
Manual Integrations
APPROVED

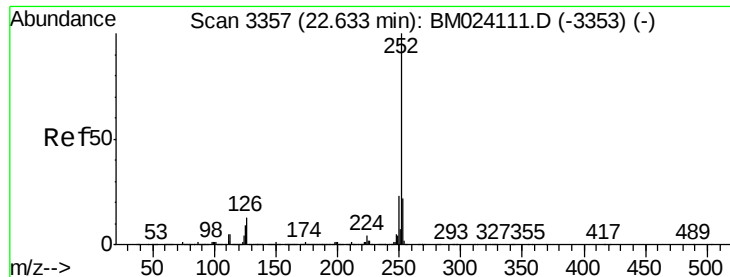
mohammad
12/17/2019 3:20:14 PM



#88
Benzo(b)fluoranthene
Concen: 39.820 ng
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.9	7.9	11.9





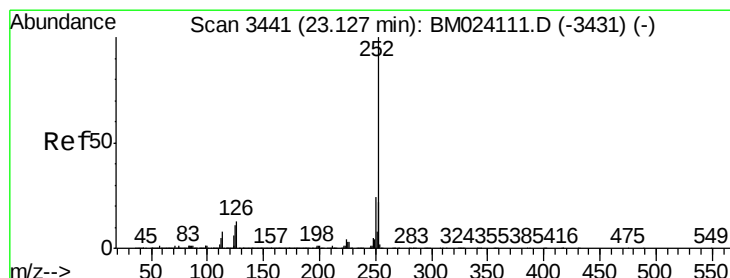
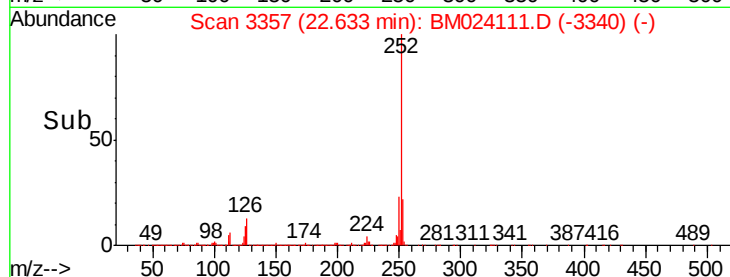
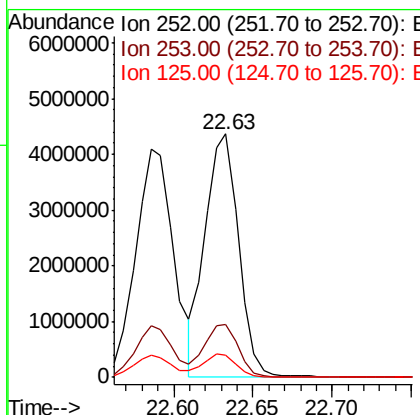
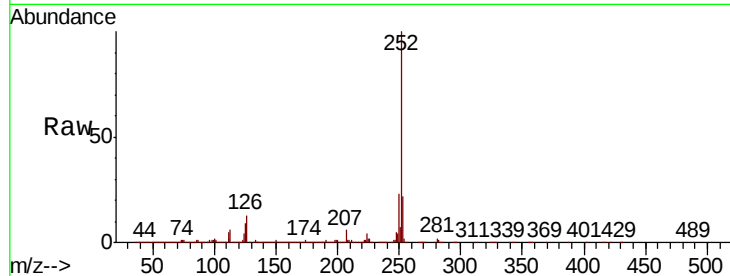
#89
Benzo(k)fluoranthene
Concen: 37.648 ng
RT: 22.63 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.1	7.3	10.9

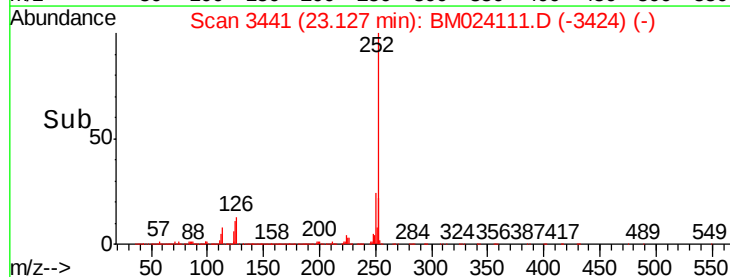
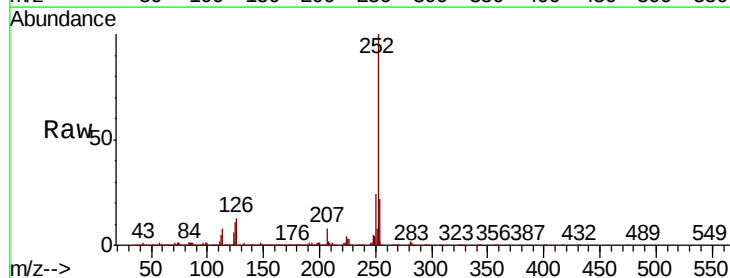
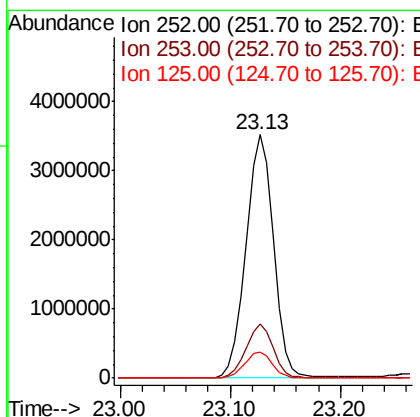
Manual Integrations
APPROVED

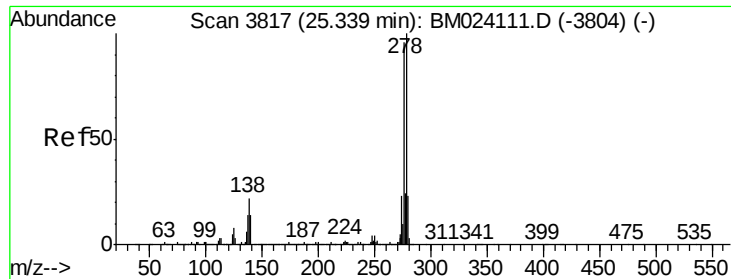
mohammad
12/17/2019 3:20:14 PM



#90
Benzo(a)pyrene
Concen: 39.220 ng
RT: 23.13 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.6	8.5	12.7





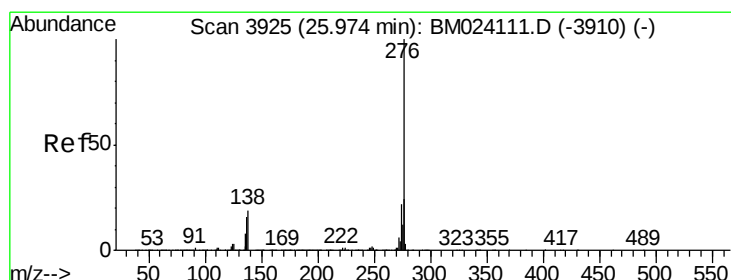
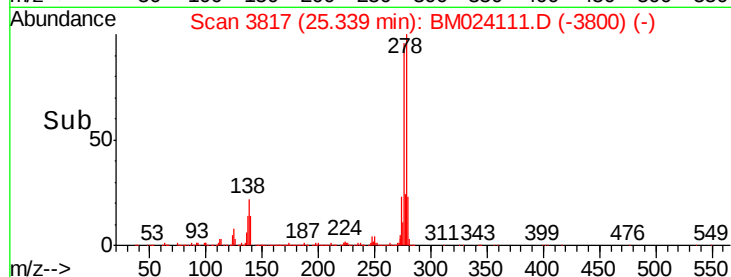
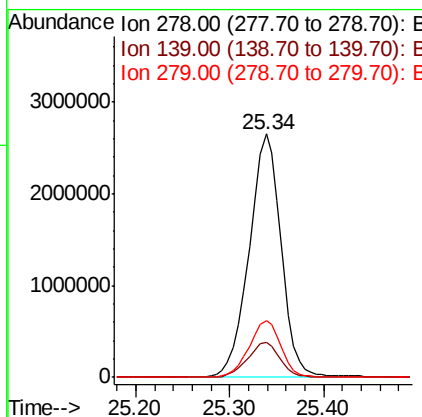
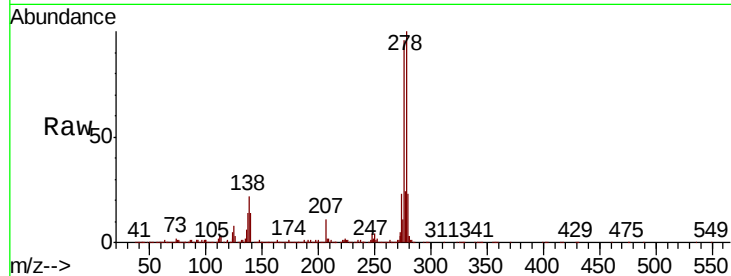
#91
Dibenzo(a,h)anthracene
Concen: 37.723 ng
RT: 25.34 min Scan# 3817
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:278 Resp: 6242498
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 23.5 18.8 28.2

Manual Integrations
APPROVED

mohammad
12/17/2019 3:20:14 PM



#92
Benzo(g,h,i)perylene
Concen: 37.391 ng
RT: 25.97 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BM024111.D
Acq: 16 Dec 2019 16:45

Tgt Ion:276 Resp: 5877024
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 19.2 15.4 23.0

