

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024110.D
 Acq On : 16 Dec 2019 16:09
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 17:56:50 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	7.46	152	335385	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1531152	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1023178	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2227595	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2281814	20.00	ng	0.00
87) Perylene-d12	23.21	264	2707070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	793352	37.52	ng	0.00
7) Phenol-d6	6.65	99	1193677	43.95	ng	0.00
23) Nitrobenzene-d5	8.61	82	1315612	47.70	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	572973	44.86	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	2980636	40.11	ng	0.00
79) Terphenyl-d14	19.53	244	5124063	43.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	173464	20.386	ng	# 100
3) Pyridine	3.45	79	508830	22.686	ng	99
4) n-Nitrosodimethylamine	3.36	42	147861	18.109	ng	98
6) Aniline	6.80	93	777655	23.878	ng	99
8) 2-Chlorophenol	7.03	128	464673	21.567	ng	100
9) Benzaldehyde	6.62	77	368694	23.840	ng	98
10) Phenol	6.68	94	621089	24.289	ng	100
11) bis(2-Chloroethyl)ether	6.90	93	488787	24.330	ng	99
12) 1,3-Dichlorobenzene	7.35	146	538366	20.906	ng	99
13) 1,4-Dichlorobenzene	7.49	146	544082	20.870	ng	99
14) 1,2-Dichlorobenzene	7.80	146	535924	21.562	ng	98
15) Benzyl Alcohol	7.71	79	466261	27.434	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	623910	21.379	ng	100
17) 2-Methylphenol	7.92	107	422499	24.962	ng	98
18) Hexachloroethane	8.52	117	201233	21.046	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	459568	30.300	ng	99
20) 3+4-Methylphenols	8.24	107	586742	26.027	ng	98
22) Acetophenone	8.28	105	843681	22.323	ng	99
24) Nitrobenzene	8.65	77	643117	24.368	ng	99
25) Isophorone	9.18	82	1161949	25.620	ng	99
26) 2-Nitrophenol	9.36	139	263962	23.168	ng	97
27) 2,4-Dimethylphenol	9.43	122	399607	20.951	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	759792	24.209	ng	99
29) 2,4-Dichlorophenol	9.89	162	468095	21.707	ng	98
30) 1,2,4-Trichlorobenzene	10.09	180	539985	20.353	ng	99
31) Naphthalene	10.27	128	1632123	21.573	ng	100
32) Benzoic acid	9.58	122	343183m	27.956	ng	
33) 4-Chloroaniline	10.40	127	705376	21.474	ng	98
34) Hexachlorobutadiene	10.56	225	313296	19.809	ng	98
35) Caprolactam	11.20	113	172440m	26.973	ng	
36) 4-Chloro-3-methylphenol	11.55	107	571755	27.176	ng	99
37) 2-Methylnaphthalene	11.90	142	1217298	23.115	ng	100
38) 1-Methylnaphthalene	12.12	142	1170637	23.418	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	602200	17.370	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024110.D
 Acq On : 16 Dec 2019 16:09
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

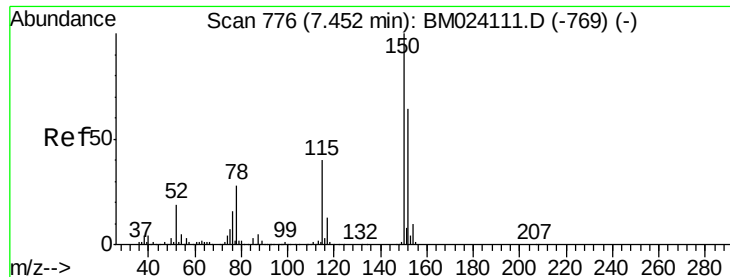
Manual Integrations
 APPROVED

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

Quant Time: Dec 16 17:56:50 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	171126	9.047	nq	100
43) 2,4,6-Trichlorophenol	12.54	196	416182	20.799	nq	98
44) 2,4,5-Trichlorophenol	12.62	196	413923	19.851	nq	98
46) 1,1'-Biphenyl	12.94	154	1647589	19.456	nq	99
47) 2-Chloronaphthalene	12.97	162	1297853	20.563	nq	98
48) 2-Nitroaniline	13.20	65	419942	25.551	nq	97
49) Acenaphthylene	13.83	152	2008230	21.486	nq	100
50) Dimethylphthalate	13.59	163	1676490	22.673	nq	100
51) 2,6-Dinitrotoluene	13.71	165	361539	23.375	nq	98
52) Acenaphthene	14.18	154	1228952	20.098	nq	99
53) 3-Nitroaniline	14.04	138	389765	21.890	nq	99
54) 2,4-Dinitrophenol	14.26	184	165619	22.679	nq	98
55) Dibenzofuran	14.52	168	1952670	21.874	nq	99
56) 4-Nitrophenol	14.37	139	276114	20.175	nq	98
57) 2,4-Dinitrotoluene	14.51	165	498681	24.611	nq	99
58) Fluorene	15.17	166	1602849	22.095	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	396370	21.796	nq	98
60) Diethylphthalate	14.97	149	1713600	23.834	nq	100
61) 4-Chlorophenyl-phenylether	15.18	204	784724	21.053	nq	98
62) 4-Nitroaniline	15.21	138	391786m	20.987	nq	
63) Azobenzene	15.47	77	1681945	25.905	nq	97
65) 4,6-Dinitro-2-methylphenol	15.28	198	240256	23.030	nq	94
66) n-Nitrosodiphenylamine	15.40	169	1410119	20.721	nq	99
67) 4-Bromophenyl-phenylether	16.07	248	513331	20.719	nq	98
68) Hexachlorobenzene	16.19	284	627560	21.720	nq	99
69) Atrazine	16.36	200	431970	19.526	nq	98
70) Pentachlorophenol	16.53	266	299125	19.412	nq	100
71) Phenanthrene	16.92	178	2611513	20.777	nq	99
72) Anthracene	17.00	178	2501062	20.531	nq	99
73) Carbazole	17.29	167	2387100	21.058	nq	100
74) Di-n-butylphthalate	17.86	149	2896157	22.532	nq	100
75) Fluoranthene	18.94	202	2970716	20.945	nq	100
77) Benzidine	19.14	184	765630	12.231	nq	99
78) Pyrene	19.31	202	3105856	20.770	nq	99
80) Butylbenzylphthalate	20.23	149	1375986	24.211	nq	99
81) Benzo(a)anthracene	21.07	228	3094963	20.928	nq	99
82) 3,3'-Dichlorobenzidine	21.01	252	1110598	21.176	nq	100
83) Chrysene	21.12	228	3018635	21.054	nq	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1982666	23.545	nq	100
85) Di-n-octyl phthalate	21.87	149	3347793	24.945	nq	100
86) Indeno(1,2,3-cd)pyrene	25.33	276	3877278	22.658	nq	# 100
88) Benzo(b)fluoranthene	22.59	252	3342278	20.392	nq	99
89) Benzo(k)fluoranthene	22.63	252	3362548	20.676	nq	99
90) Benzo(a)pyrene	23.13	252	3124128	20.685	nq	99
91) Dibenzo(a,h)anthracene	25.33	278	3201236	20.264	nq	99
92) Benzo(g,h,i)perylene	25.96	276	3089823	20.592	nq	99

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



#1

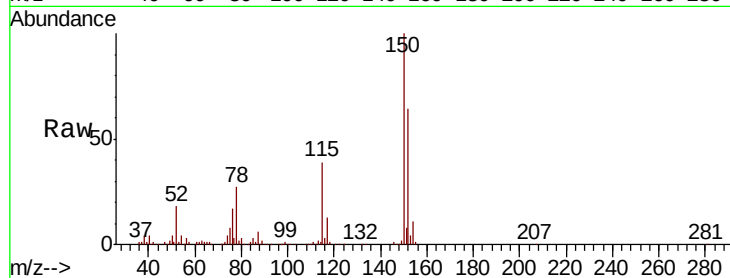
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.0	187.6
115	61.0	49.8	74.6

Manual Integrations
APPROVED

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

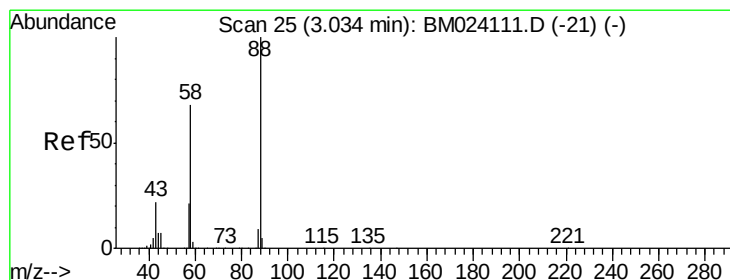
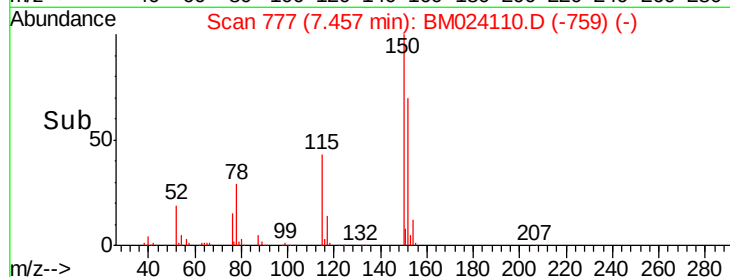
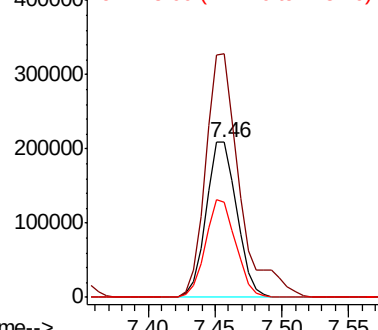


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

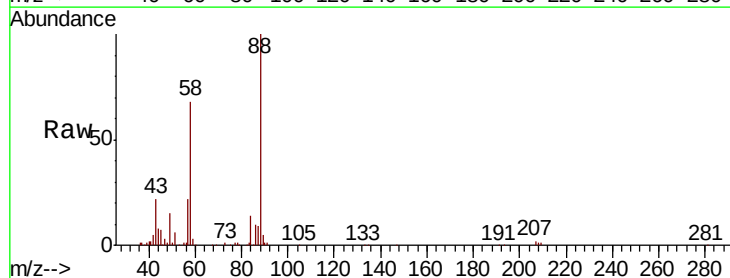
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.386 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	0.0	0.0#
43	24.1	0.0	0.0#

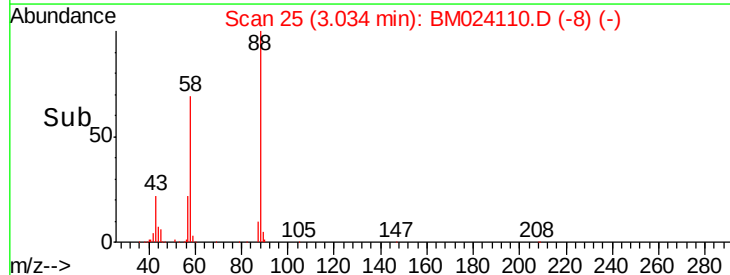
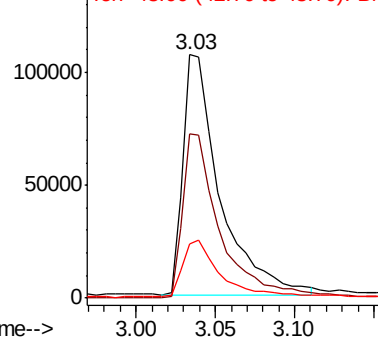


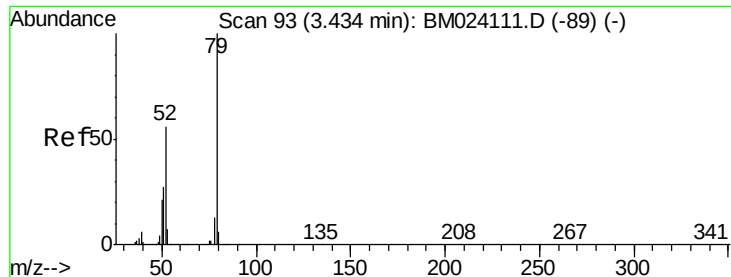
Abundance

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: 22.686 ng

RT: 3.45 min Scan# 95

Delta R.T. 0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

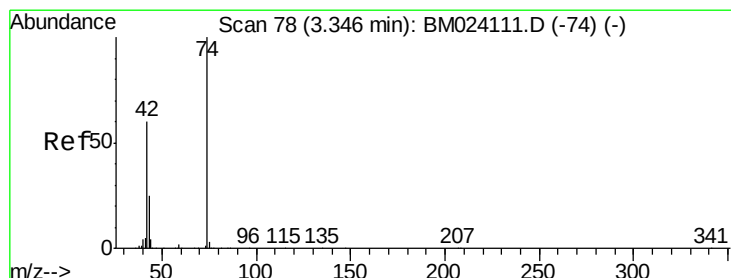
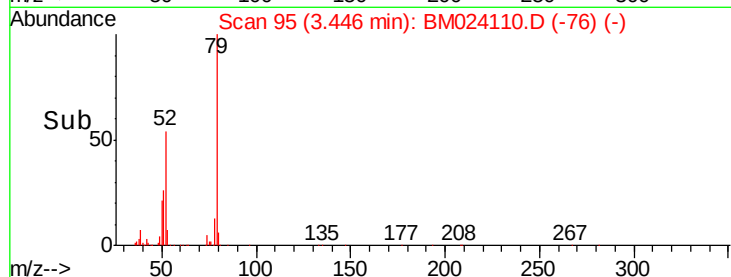
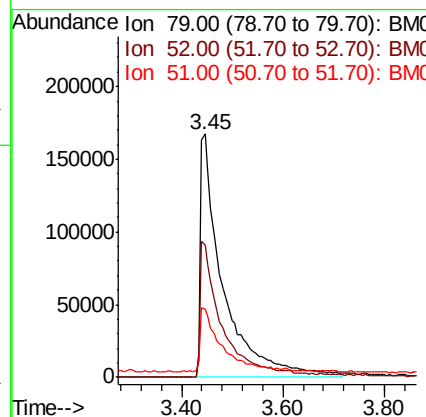
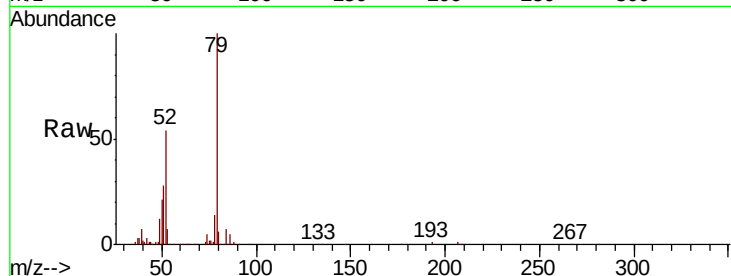
ClientSampleId :

SSTDIC020

Tot Ion:	79	Resp:	508830
Ion	Ratio	Lower	Upper
79	100		
52	54.4	44.5	66.7
51	28.1	22.6	33.8

Manual Integrations
APPROVED

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



#4

n-Nitrosodimethylamine

Concen: 18.109 ng

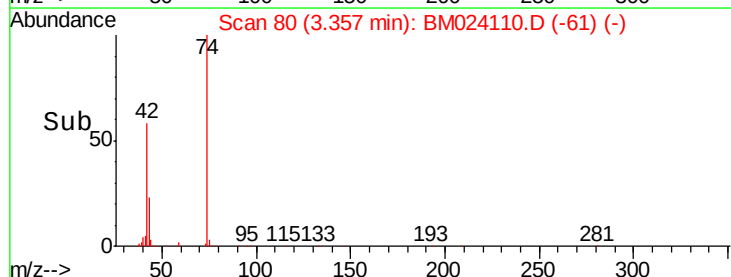
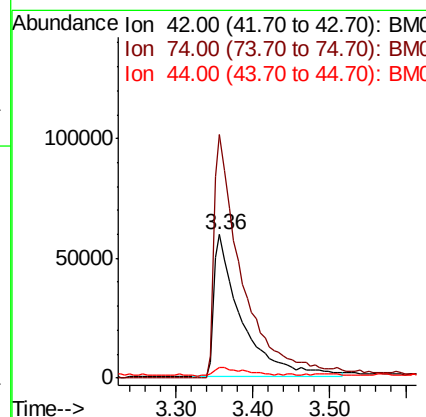
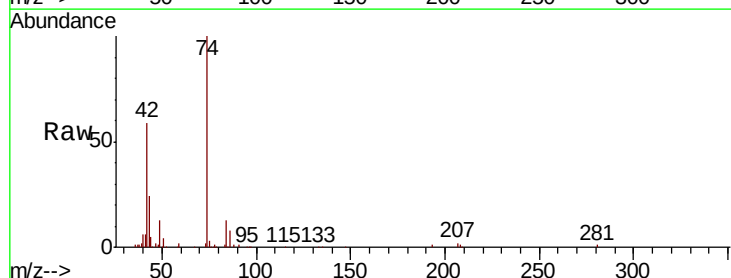
RT: 3.36 min Scan# 80

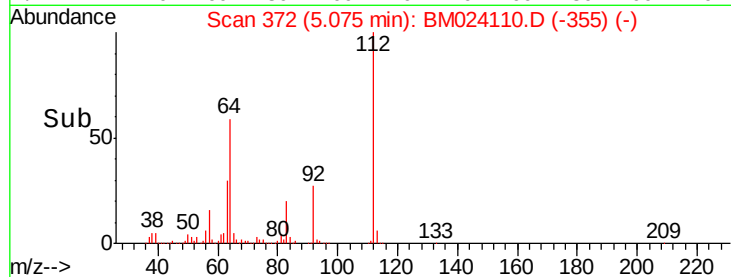
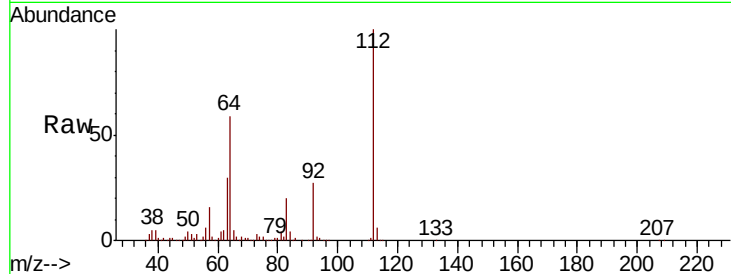
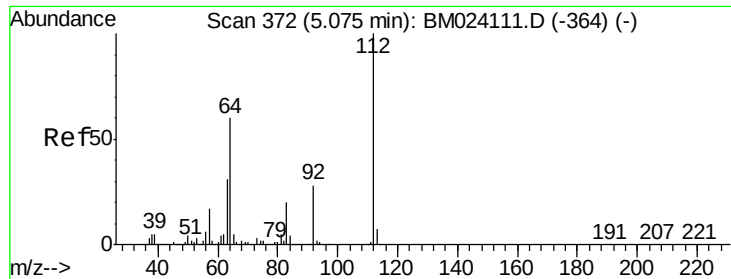
Delta R.T. 0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:	42	Resp:	147861
Ion	Ratio	Lower	Upper
42	100		
74	169.6	133.6	200.4
44	7.9	5.4	8.0





#5

2-Fluorophenol

Concen: 37.516 ng

RT: 5.07 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tot Ion:	112	Resp:	793352
Ion Ratio	Lower	Upper	
112	100		
64	59.0	48.4	72.6
63	29.5	24.4	36.6

Instrument :

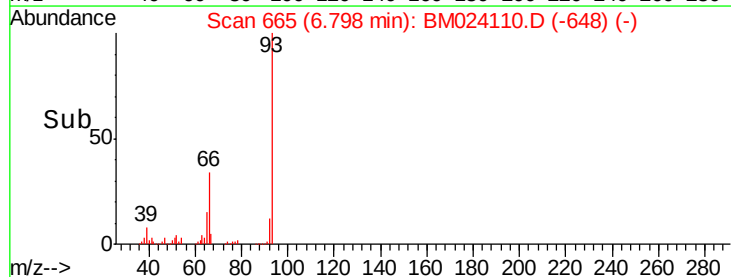
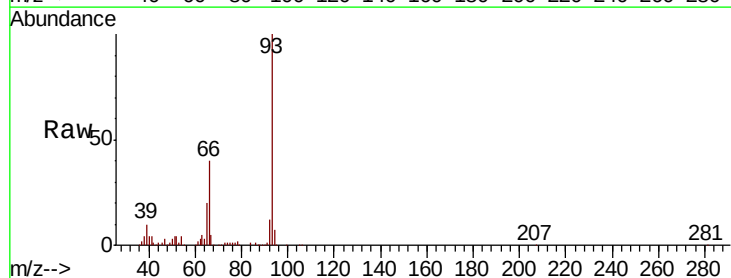
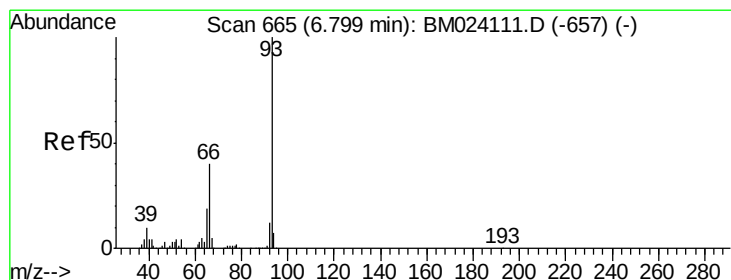
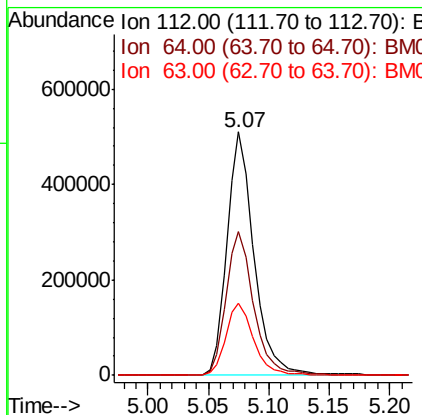
BNA_M

ClientSampleId :

SSTDIC020

Manual Integrations
APPROVED

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



#6

Aniline

Concen: 23.878 ng

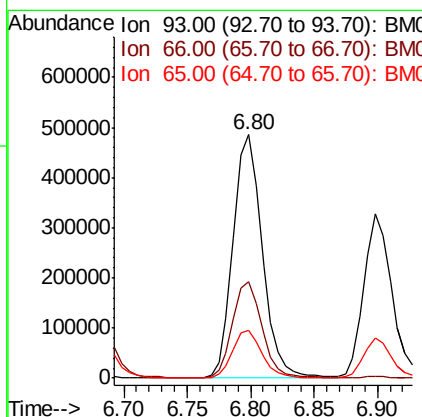
RT: 6.80 min Scan# 665

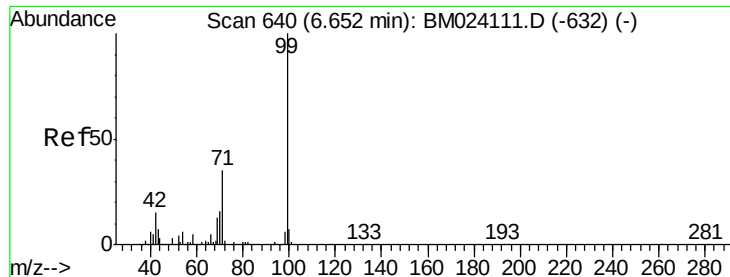
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:	93	Resp:	777655
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.0	48.0
65	19.6	15.4	23.0





#7

Phenol-d6

Concen: 43.948 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion: 99 Resp: 1193677

Ion Ratio Lower Upper

99 100

42 15.6 11.9 17.9

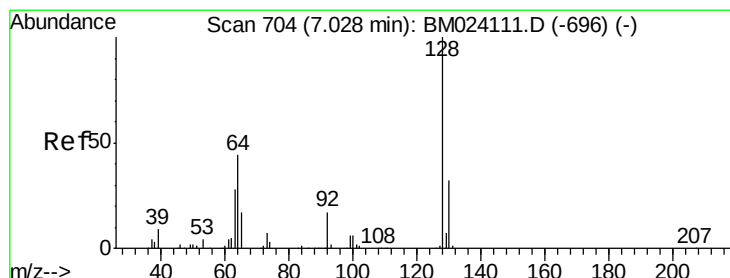
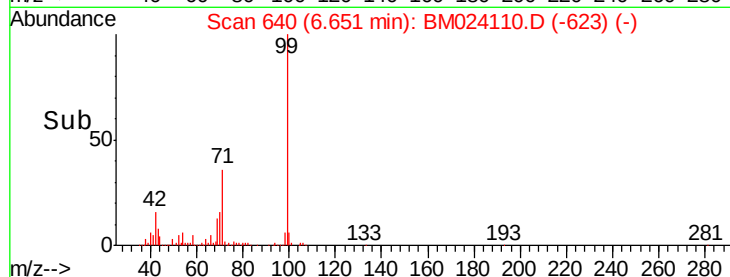
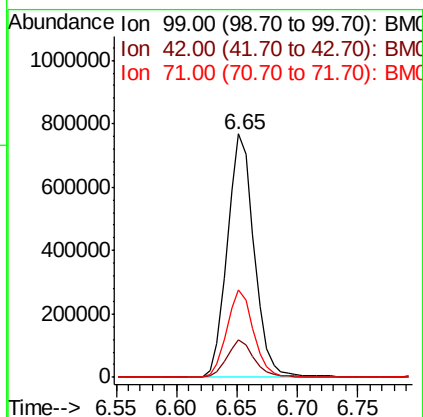
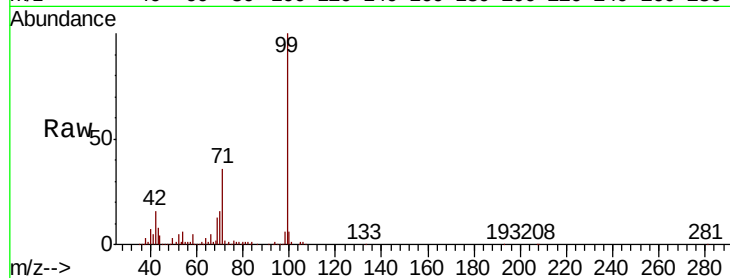
71 35.7 28.0 42.0

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:12 PM



#8

2-Chlorophenol

Concen: 21.567 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

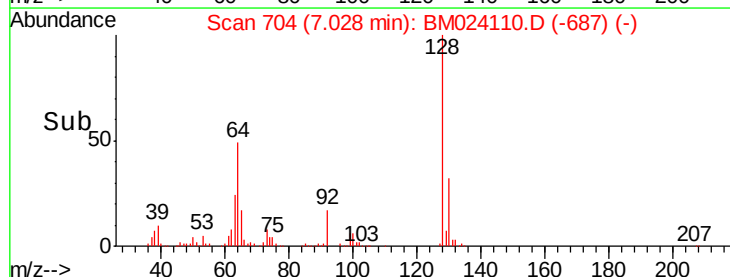
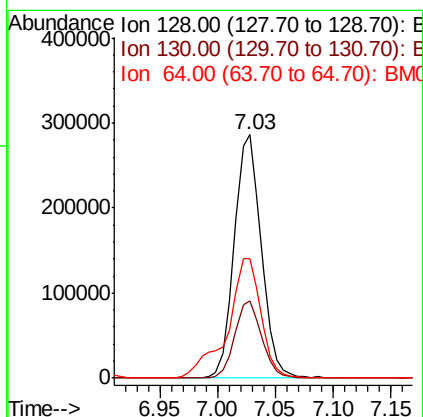
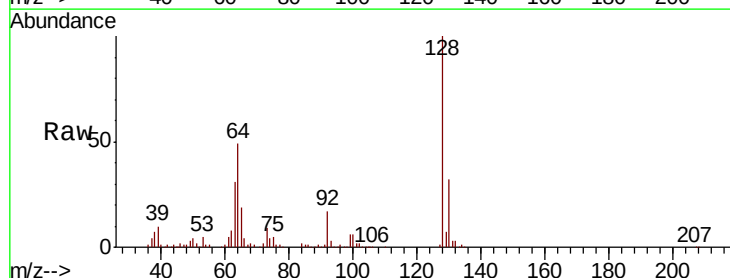
Tgt Ion: 128 Resp: 464673

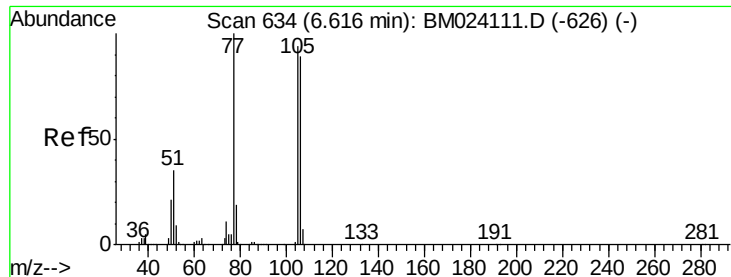
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 49.1 28.9 68.9





#9

Benzaldehyde

Concen: 23.840 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

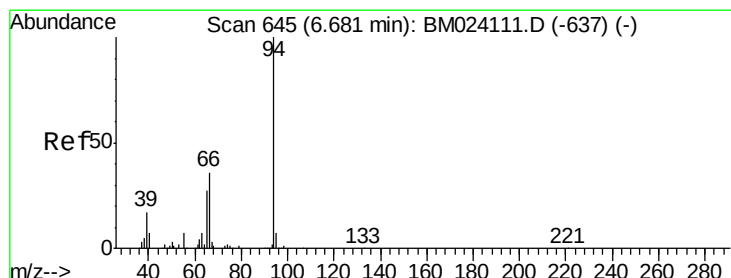
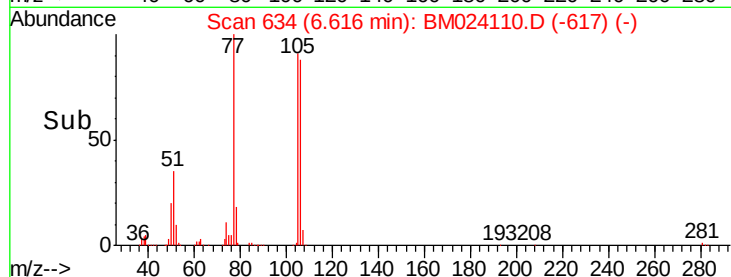
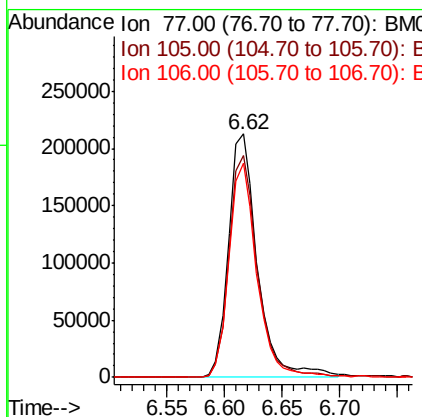
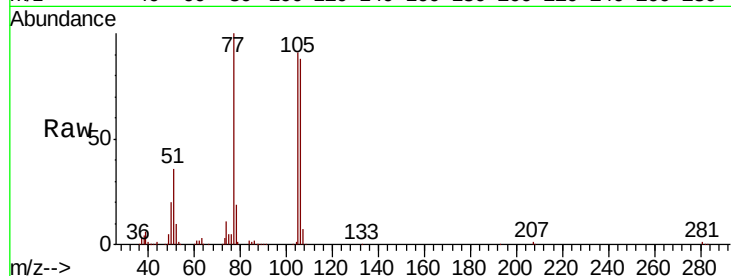
ClientSampleId :

SSTDIC020

Tot Ion:	77	Resp:	368694
Ion	Ratio	Lower	Upper
77	100		
105	91.2	73.9	113.9
106	87.8	69.3	109.3

Manual Integrations
APPROVED

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



#10

Phenol

Concen: 24.289 ng

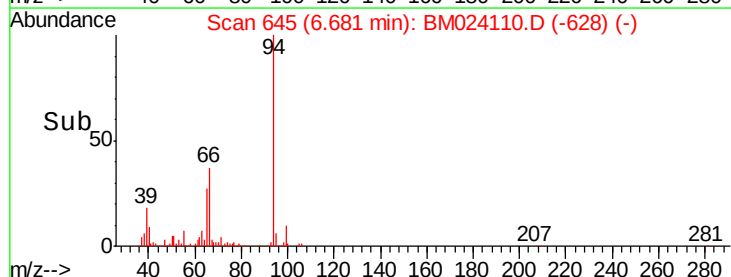
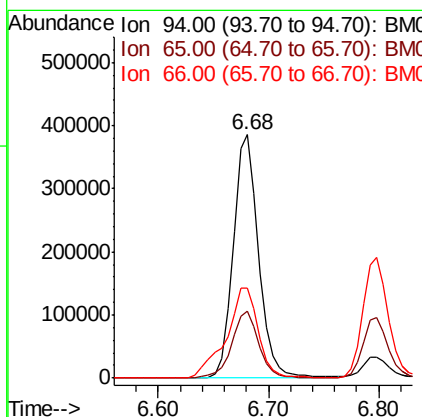
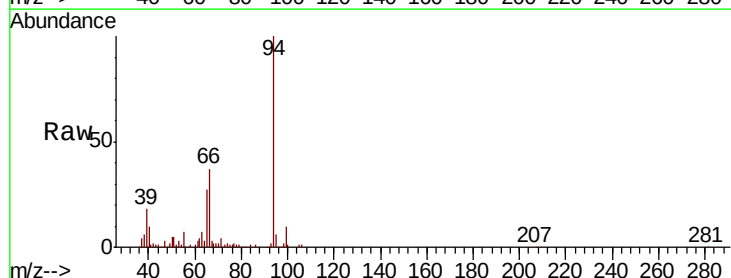
RT: 6.68 min Scan# 645

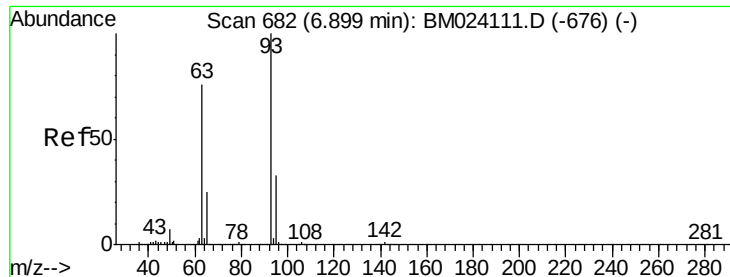
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:	94	Resp:	621089
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.3	47.3
66	37.1	17.3	57.3





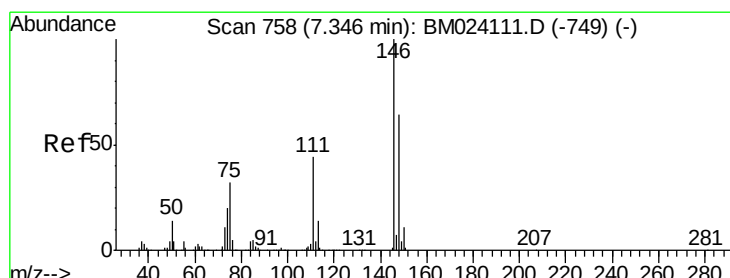
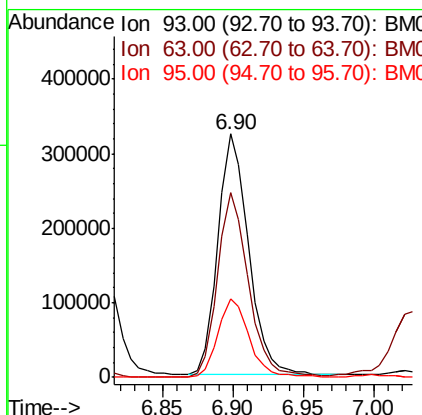
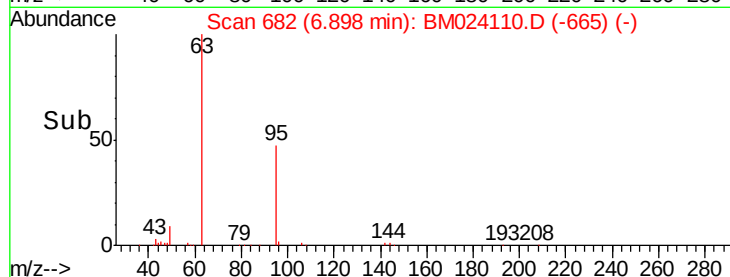
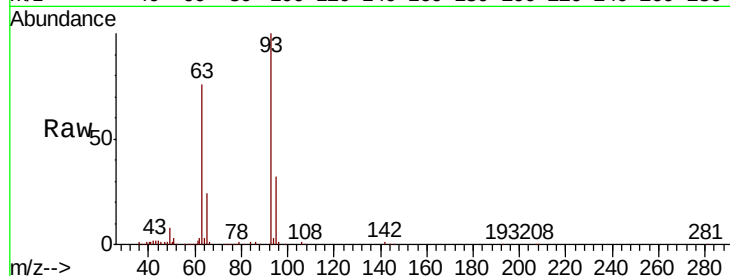
#11
bis(2-Chloroethyl)ether
Concen: 24.330 ng
RT: 6.90 min Scan# 682
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion:	93	Resp:	488787
Ion	Ratio	Lower	Upper
93	100		
63	75.6	55.0	95.0
95	32.3	12.4	52.4

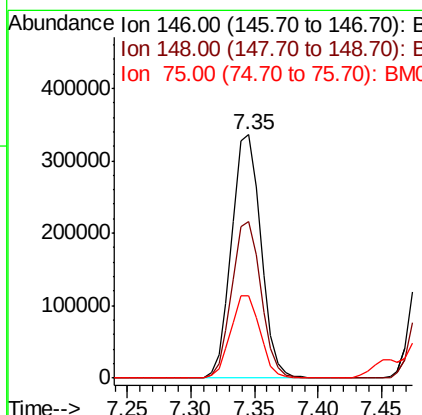
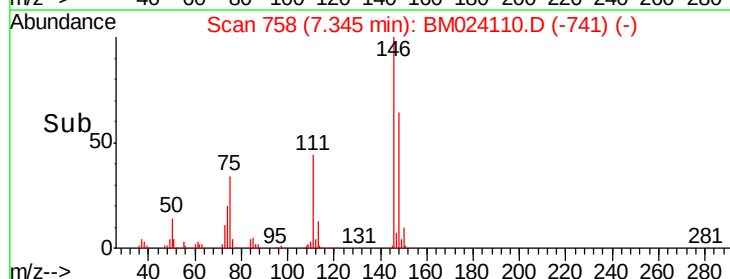
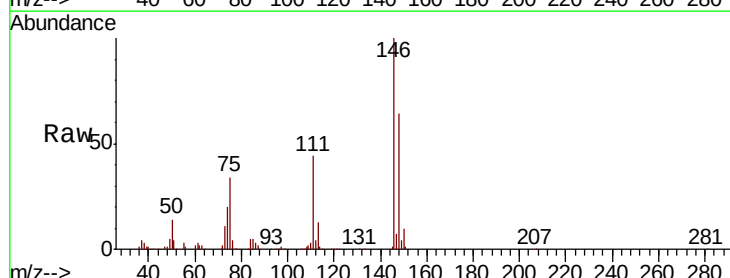
Manual Integrations
APPROVED

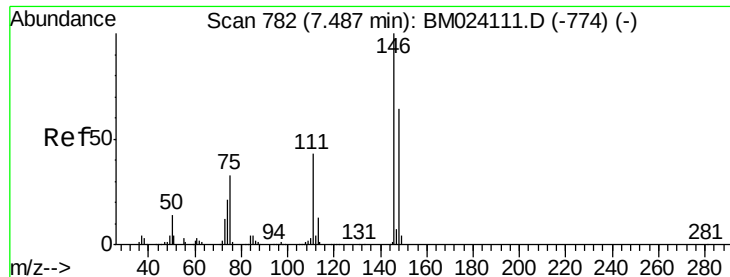
mohammad
12/17/2019 3:20:12 PM



#12
1,3-Dichlorobenzene
Concen: 20.906 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion:	146	Resp:	538366
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	33.6	25.5	38.3





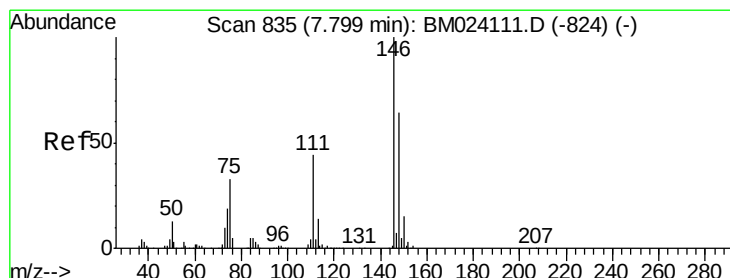
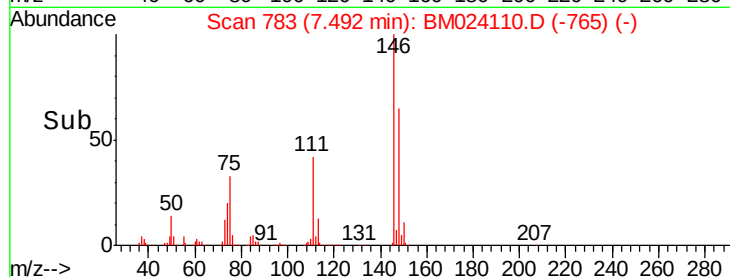
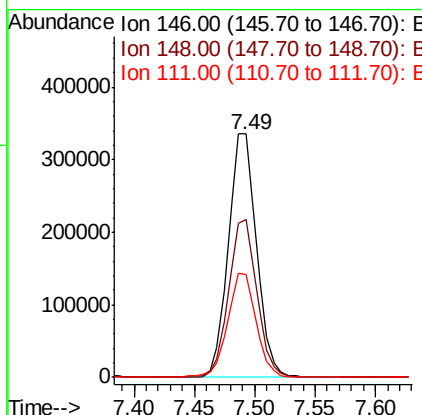
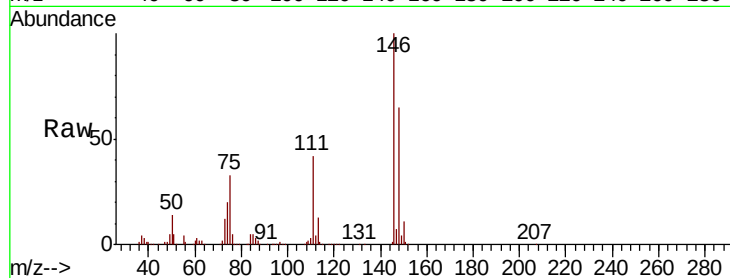
#13
1,4-Dichlorobenzene
Concen: 20.870 ng
RT: 7.49 min Scan# 783
Delta R.T. 0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	42.1	34.2	51.4

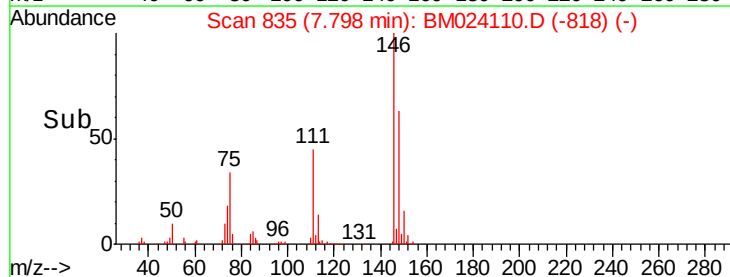
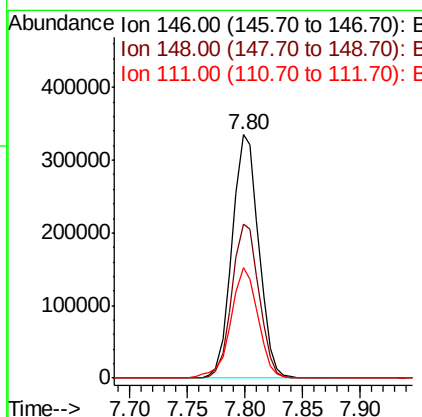
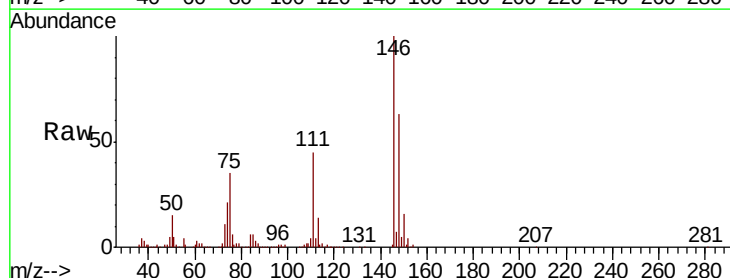
Manual Integrations
APPROVED

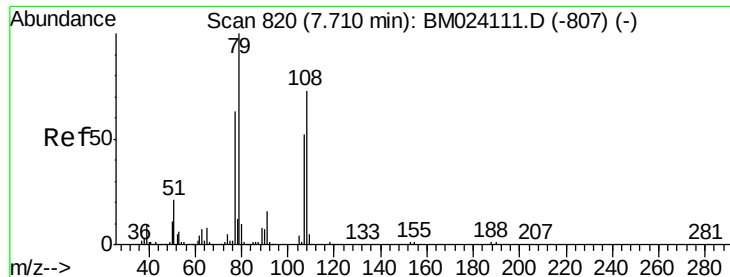
mohammad
12/17/2019 3:20:12 PM



#14
1,2-Dichlorobenzene
Concen: 21.562 ng
RT: 7.80 min Scan# 835
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
111	45.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 27.434 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

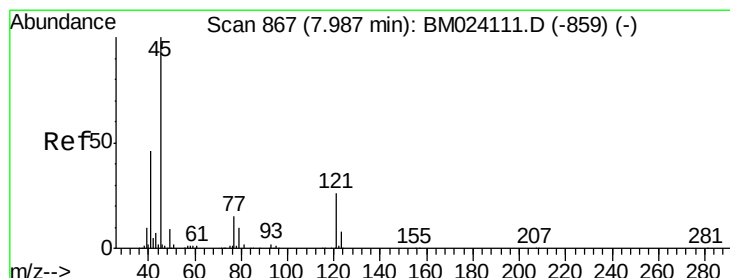
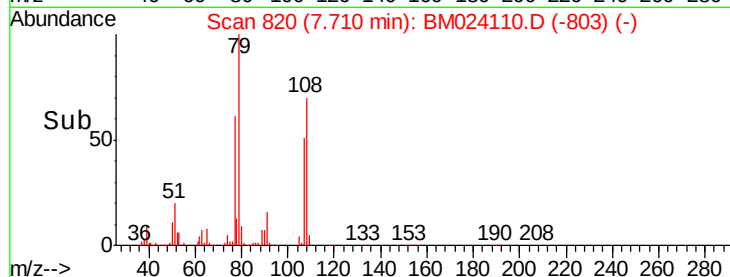
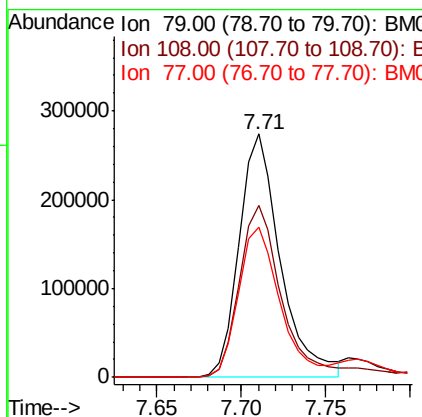
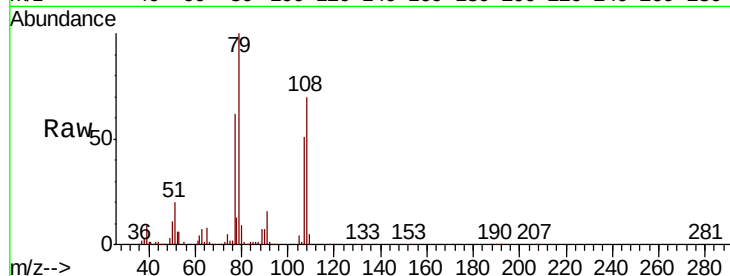
ClientSampleId :

SSTDIC020

Tot Ion:	79	Resp:	466261
Ion Ratio	Lower	Upper	
79	100		
108	70.5	58.7	88.1
77	61.6	50.7	76.1

Manual Integrations
APPROVED

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.379 ng

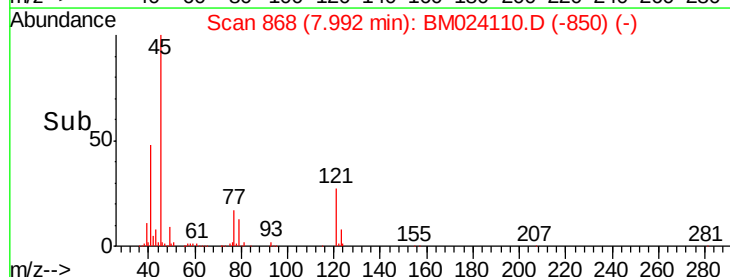
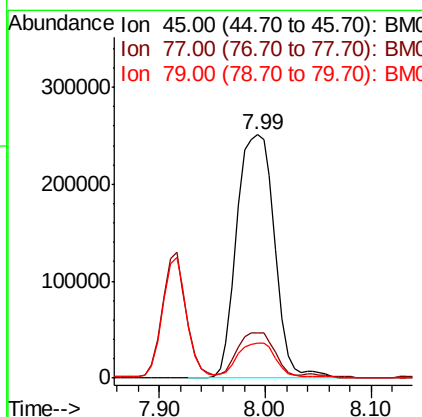
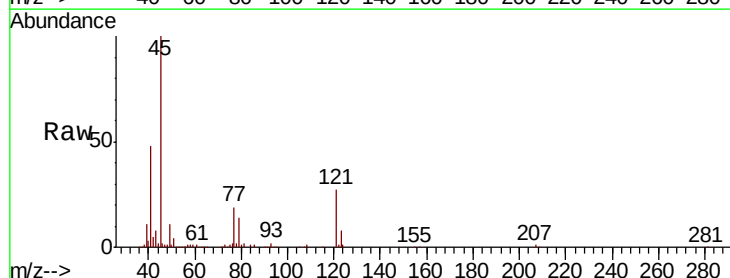
RT: 7.99 min Scan# 868

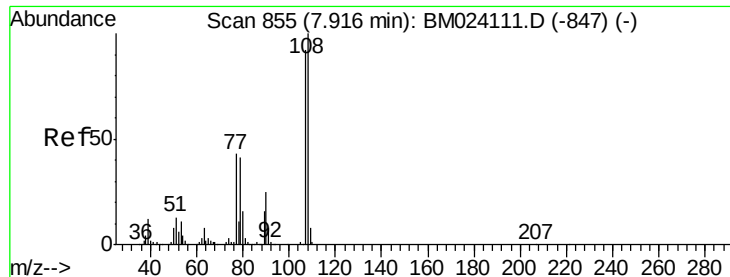
Delta R.T. 0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:	45	Resp:	623910
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	38.7
79	14.2	0.0	33.8





#17

2-Methylphenol

Concen: 24.962 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

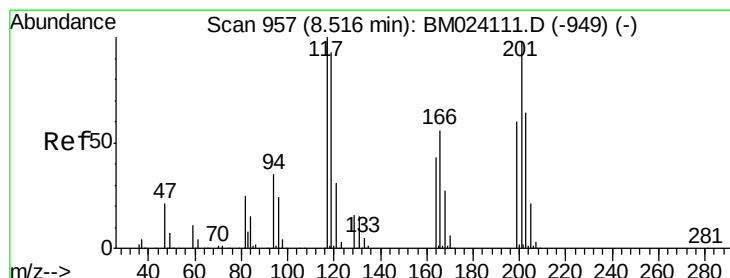
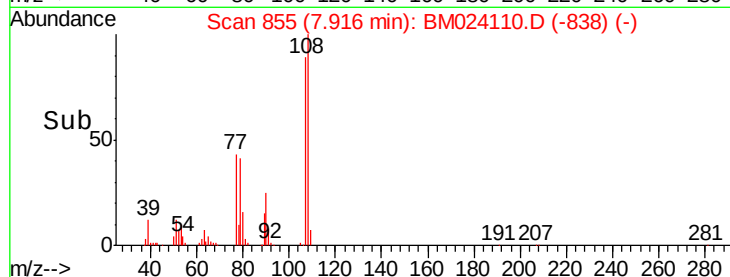
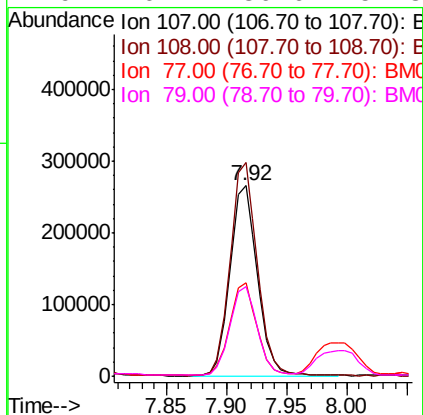
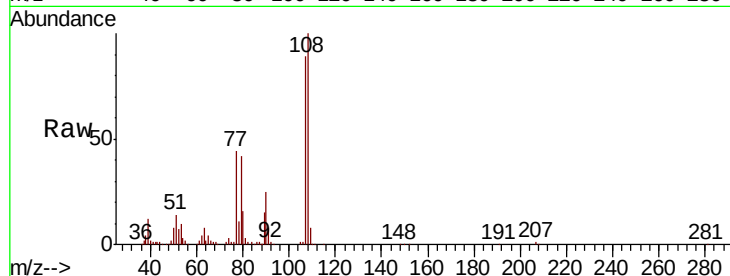
ClientSampleId :

SSTDICC020

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	87.5	131.3
77	49.1	37.6	56.4
79	46.7	36.6	54.8

Manual Integrations
APPROVED

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



#18

Hexachloroethane

Concen: 21.046 ng

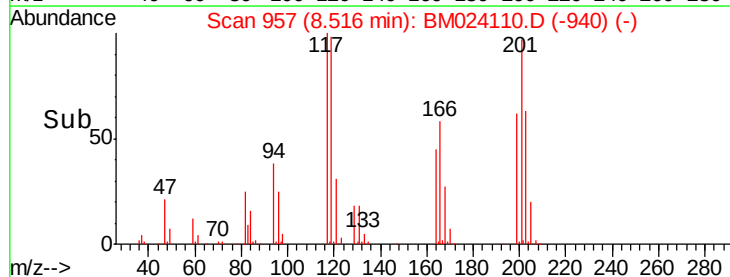
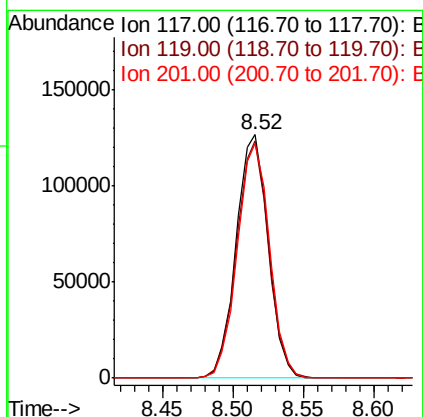
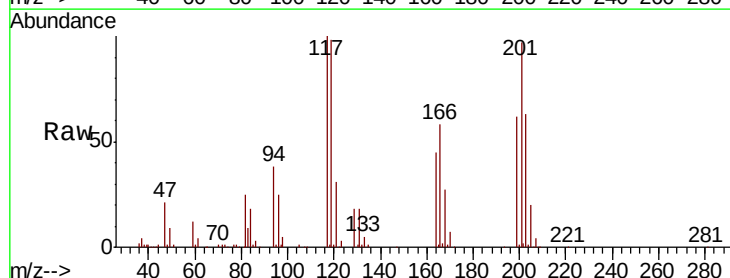
RT: 8.52 min Scan# 957

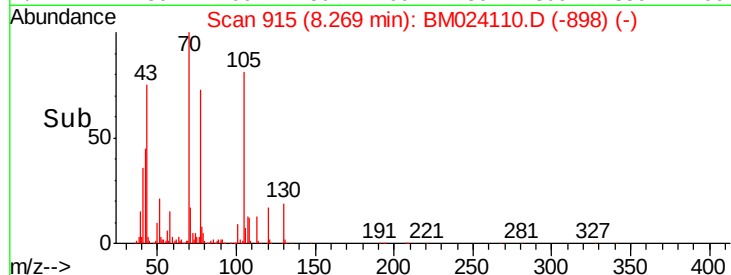
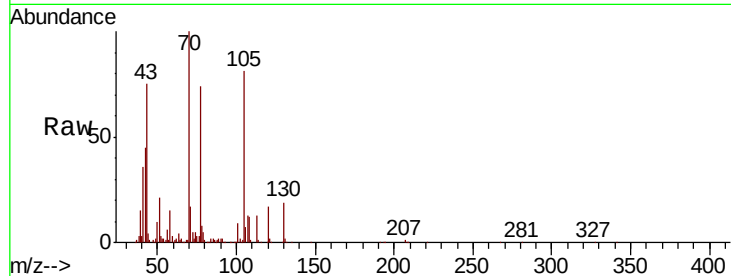
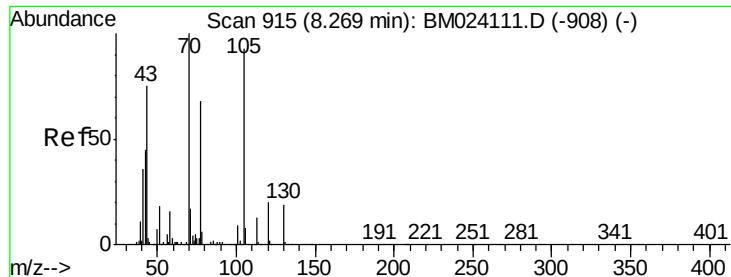
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.7	112.1
201	96.5	78.2	117.2





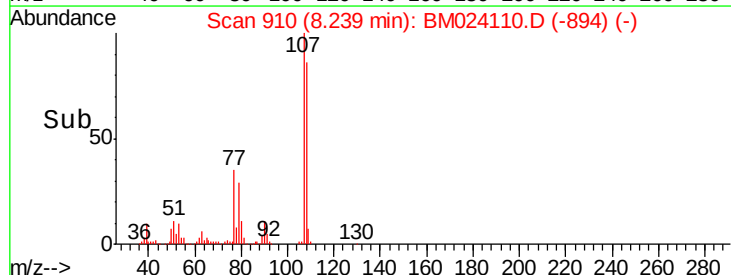
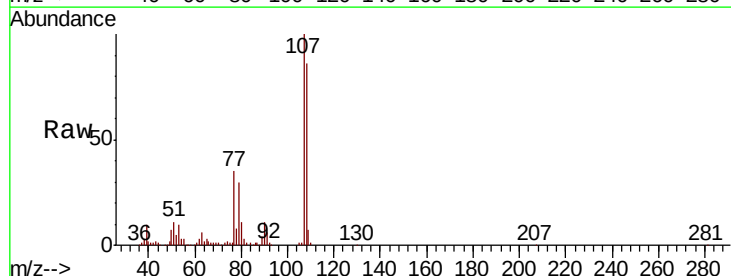
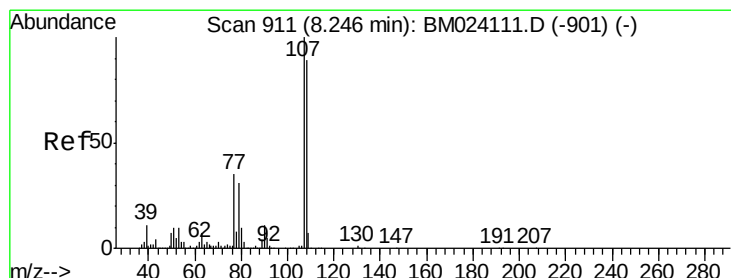
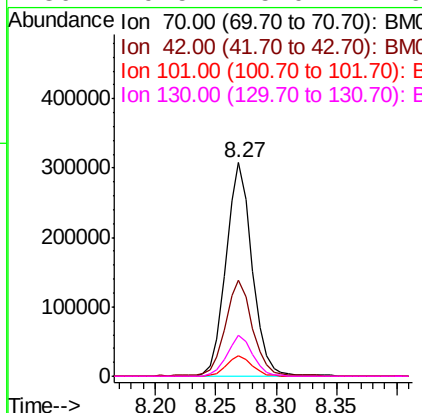
#19
n-Nitroso-di-n-propylamine
Concen: 30.300 ng
RT: 8.27 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.0	36.3	54.5		
101	9.4	7.5	11.3		
130	19.5	15.0	22.6		

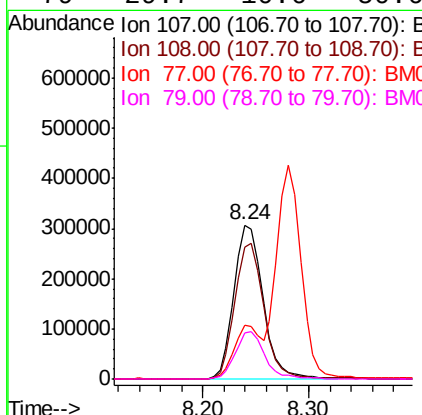
Manual Integrations
APPROVED

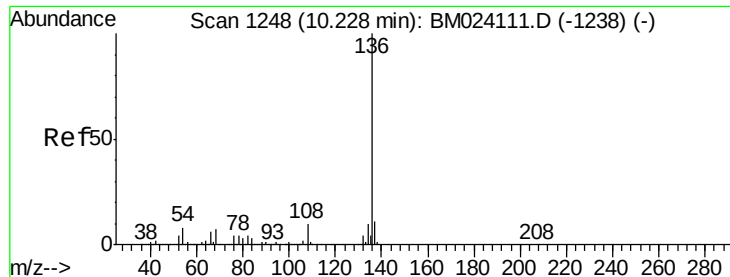
mohammad
12/17/2019 3:20:12 PM



#20
3+4-Methylphenols
Concen: 26.027 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.5	68.9	108.9		
77	35.1	15.1	55.1		
79	29.7	10.6	50.6		





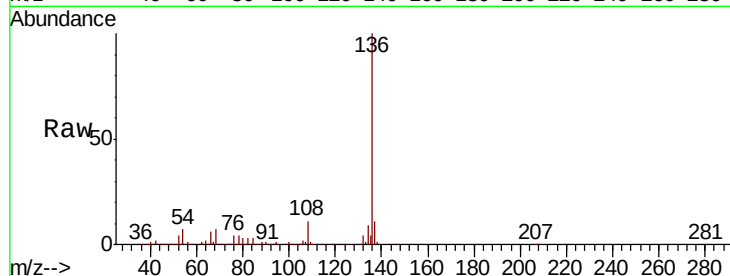
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

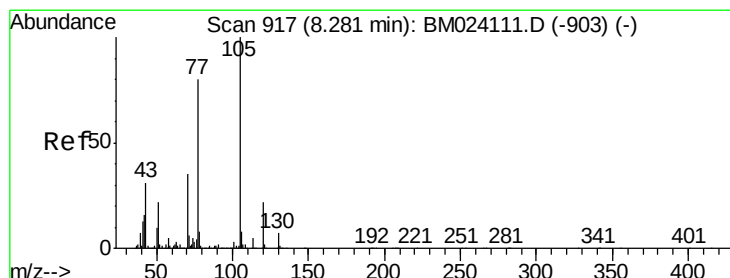
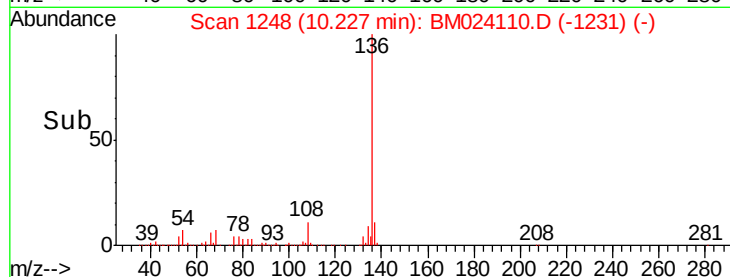
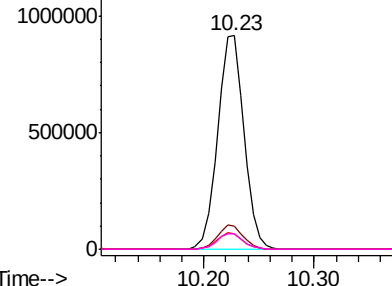
Tot Ion	136	Resp	1531152
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.3	6.0	9.0
68	7.1	5.8	8.6

Manual Integrations
APPROVED

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



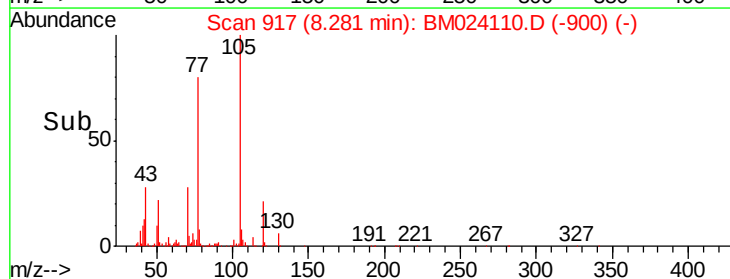
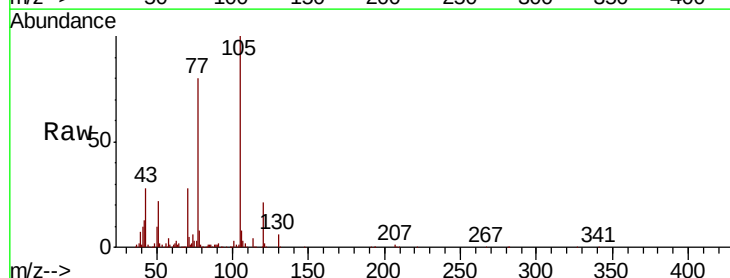
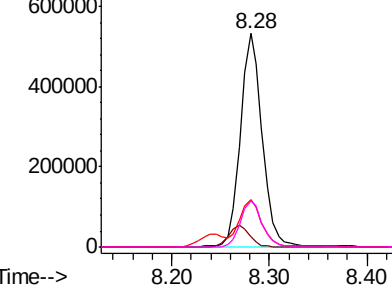
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

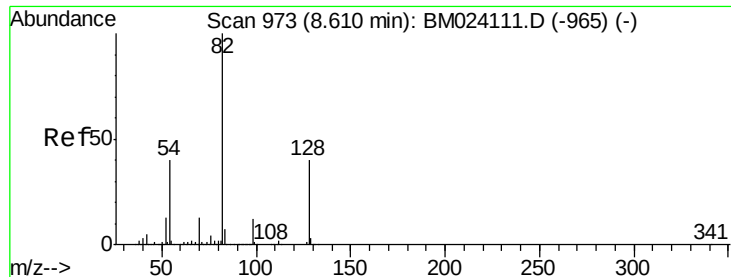


#22
Acetophenone
Concen: 22.323 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	105	Resp	843681
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.6	6.8
51	22.4	17.4	26.2
120	21.4	17.6	26.4

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





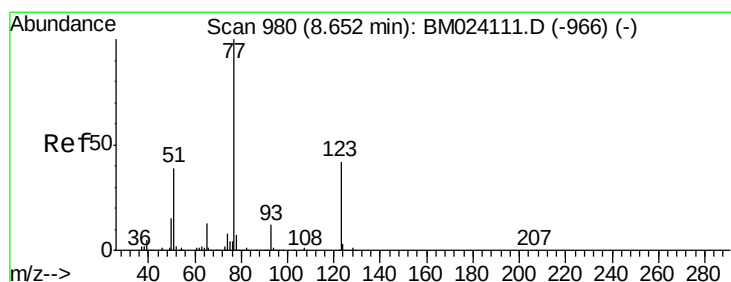
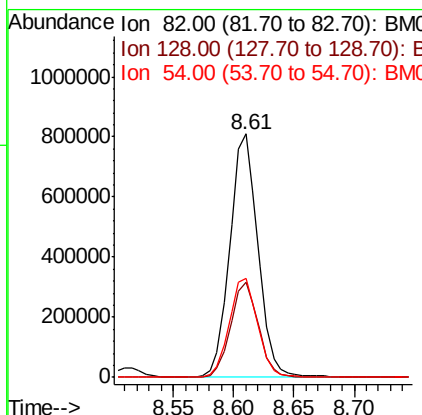
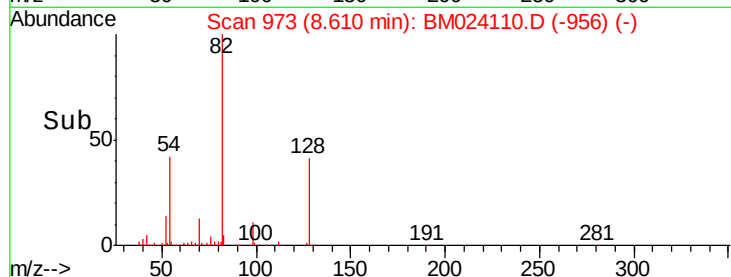
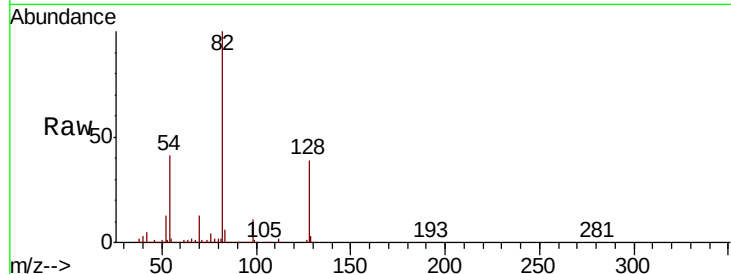
#23
Nitrobenzene-d5
Concen: 47.696 ng
RT: 8.61 min Scan# 973
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.8
54	40.5	32.2	48.2

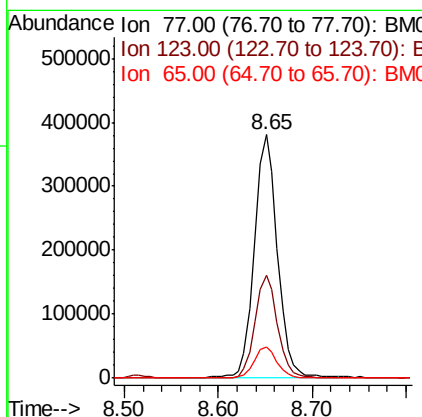
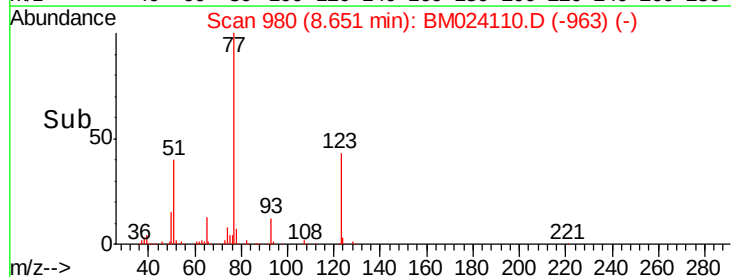
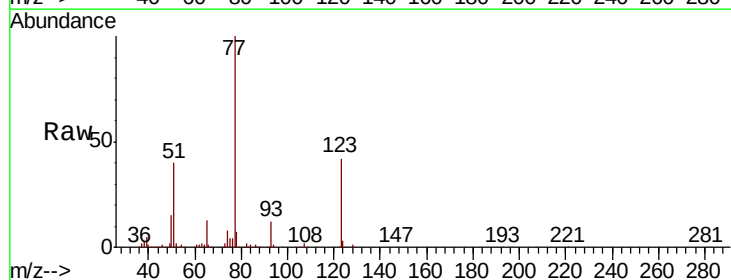
Manual Integrations
APPROVED

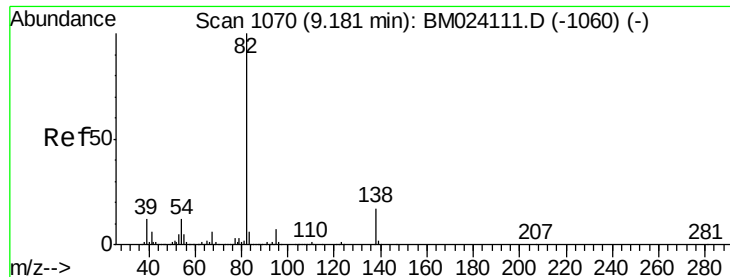
mohammad
12/17/2019 3:20:12 PM



#24
Nitrobenzene
Concen: 24.368 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	33.8	50.6
65	12.6	10.3	15.5





#25

Isophorone

Concen: 25.620 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion: 82 Resp: 1161949

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

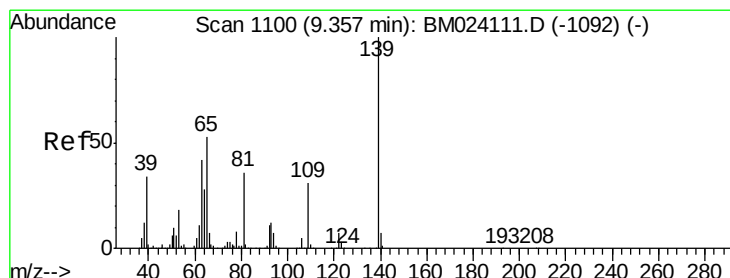
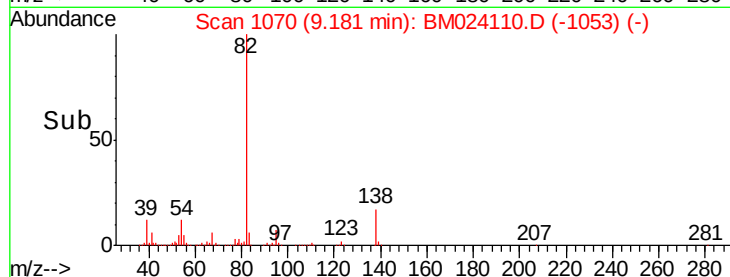
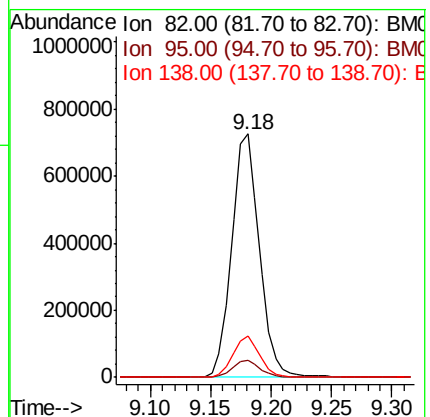
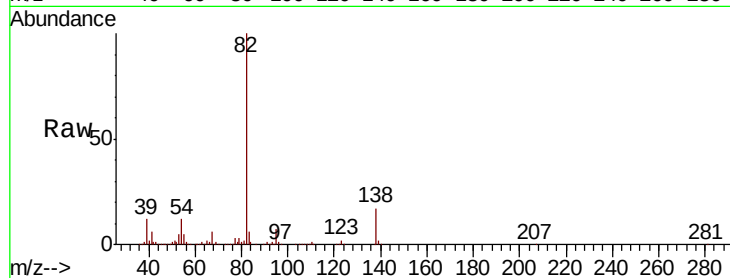
138 16.8 13.3 19.9

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:12 PM



#26

2-Nitrophenol

Concen: 23.168 ng

RT: 9.36 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

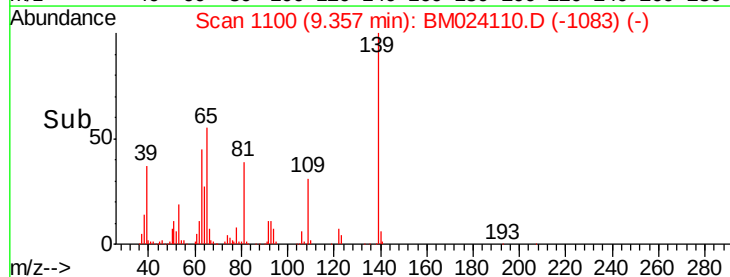
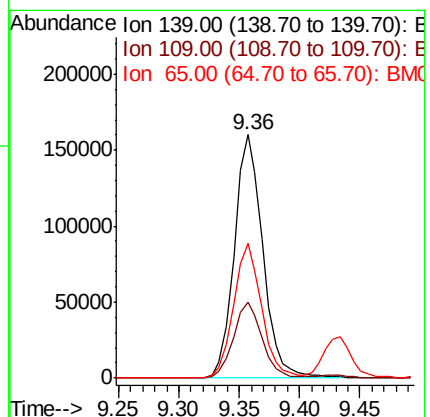
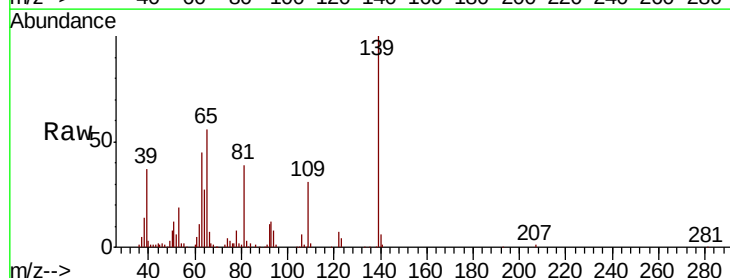
Tgt Ion: 139 Resp: 263962

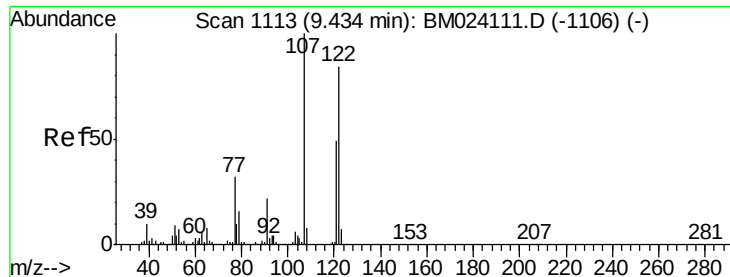
Ion Ratio Lower Upper

139 100

109 31.3 24.5 36.7

65 55.5 42.1 63.1





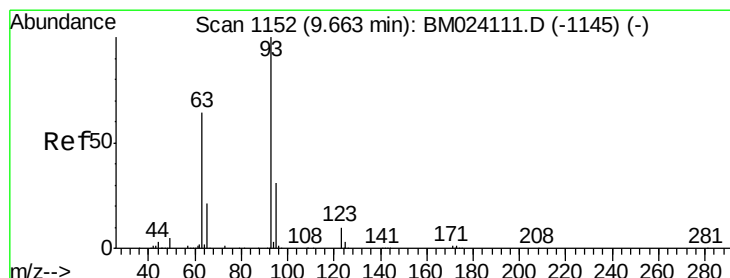
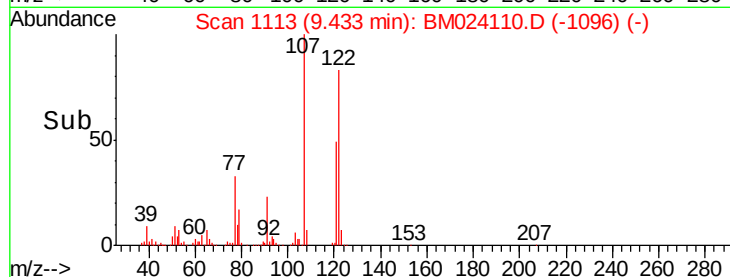
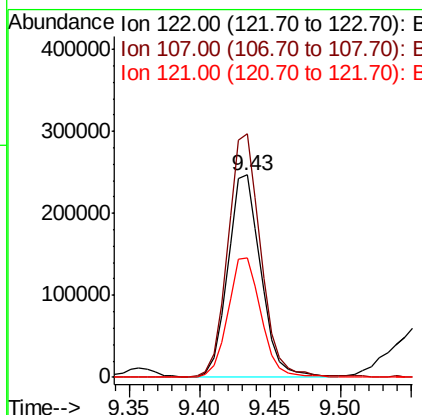
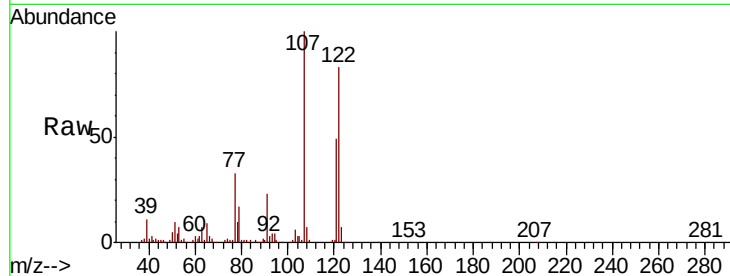
#27
2,4-Dimethylphenol
Concen: 20.951 ng
RT: 9.43 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
122	100	399607		
107	120.2	95.8	143.6	
121	59.0	47.0	70.4	

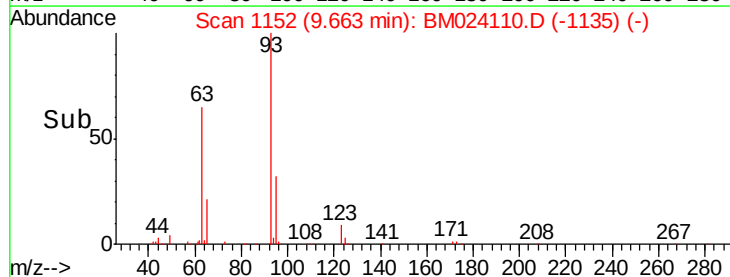
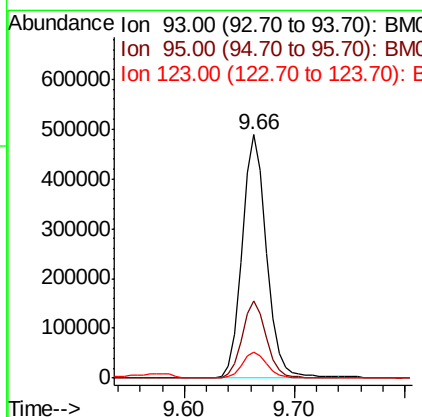
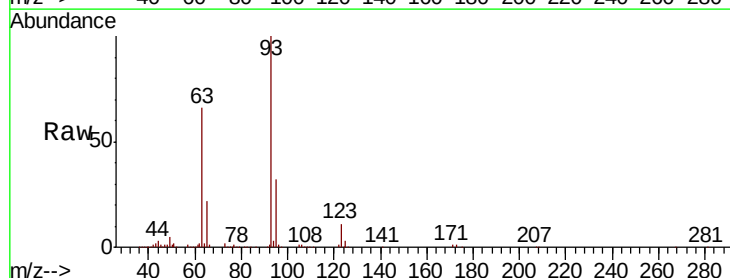
Manual Integrations
APPROVED

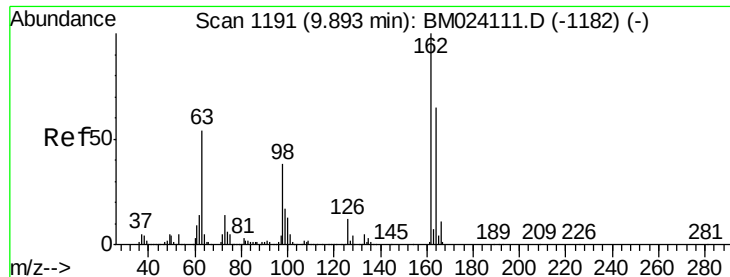
mohammad
12/17/2019 3:20:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 24.209 ng
RT: 9.66 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	759792		
95	31.8	25.1	37.7	
123	10.7	8.5	12.7	





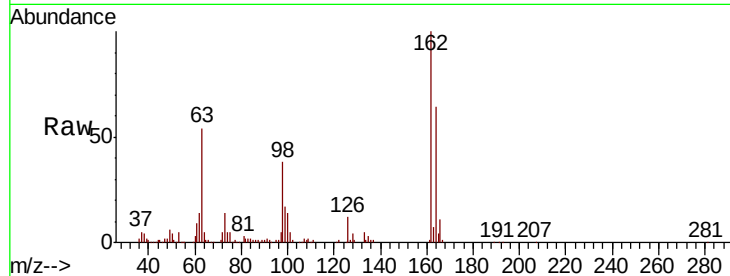
#29
2,4-Dichlorophenol
Concen: 21.707 ng
RT: 9.89 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	468095		
164	63.5	45.1	85.1	
98	37.8	18.2	58.2	

Manual Integrations
APPROVED

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

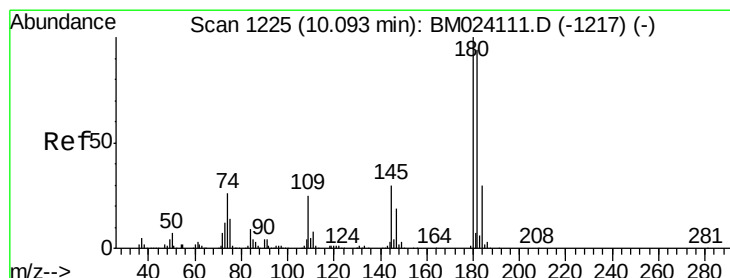
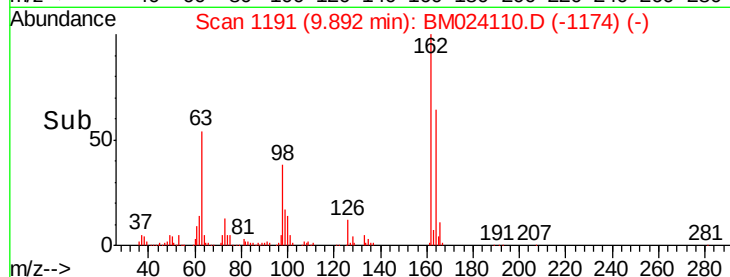
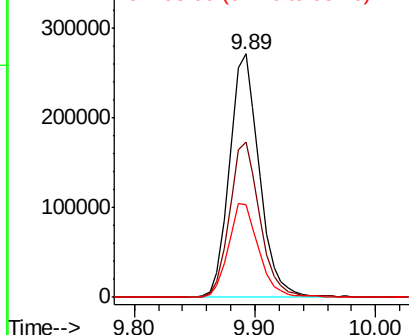


Abundance

Ion 162.00 (161.70 to 162.70): E

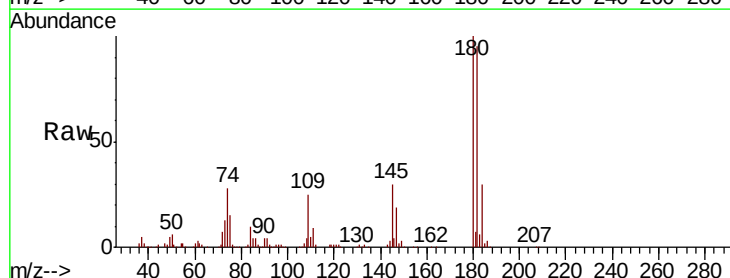
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 20.353 ng
RT: 10.09 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	539985		
182	95.0	75.5	113.3	
145	29.7	24.4	36.6	

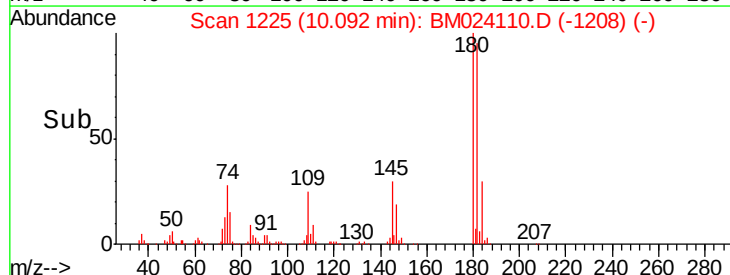
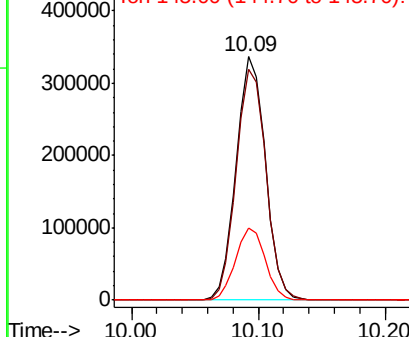


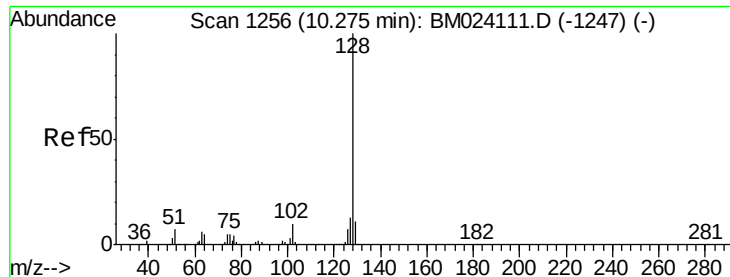
Abundance

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





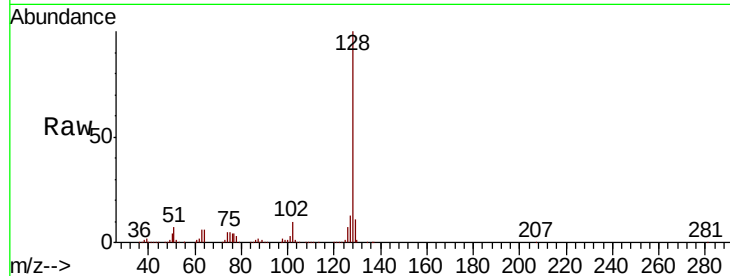
#31
Naphthalene
Concen: 21.573 ng
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.1	10.5	15.7

Manual Integrations
APPROVED

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

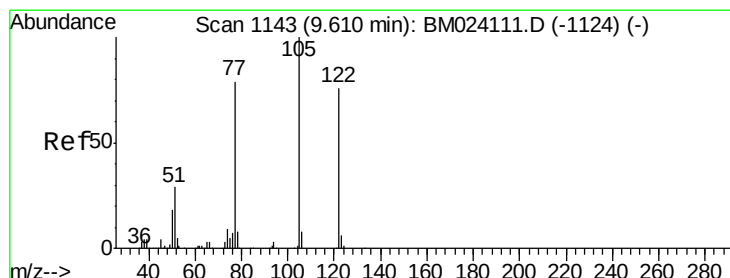
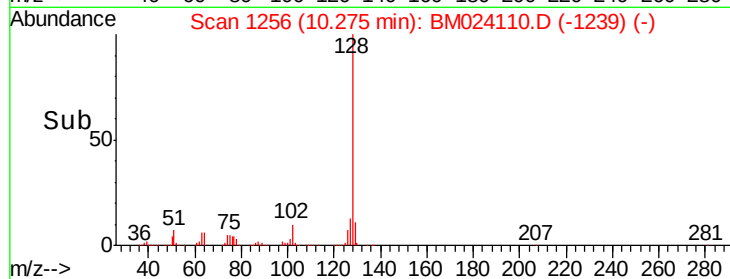
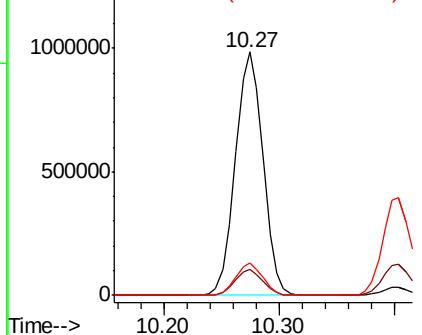


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.956 ng m
RT: 9.58 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

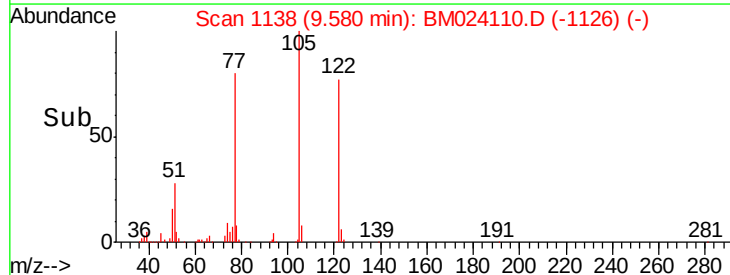
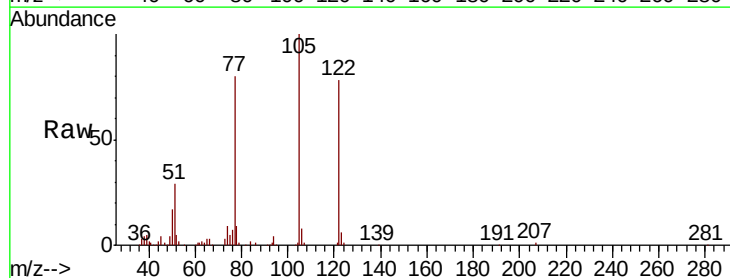
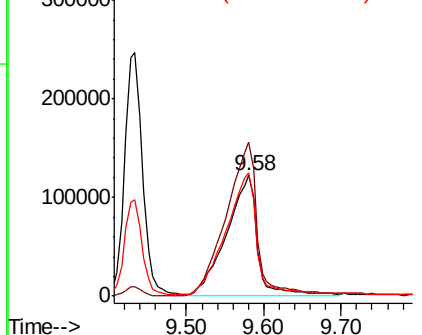
Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	110.4	150.4
77	102.7	83.0	123.0

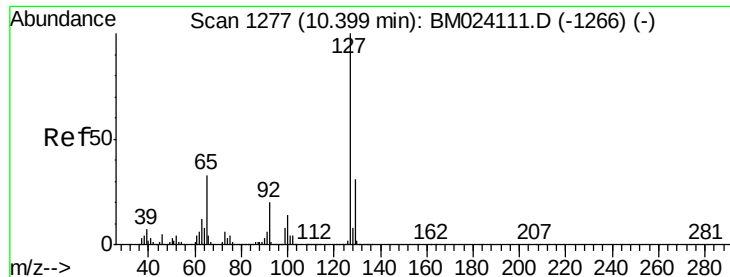
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





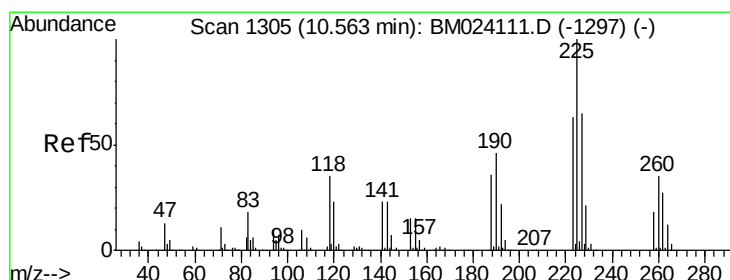
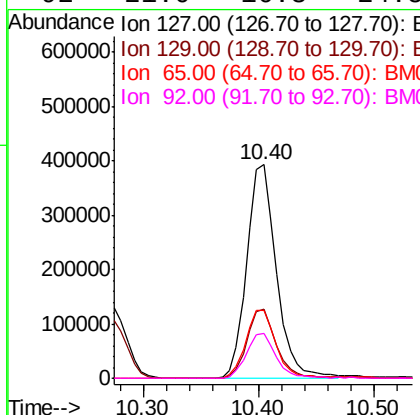
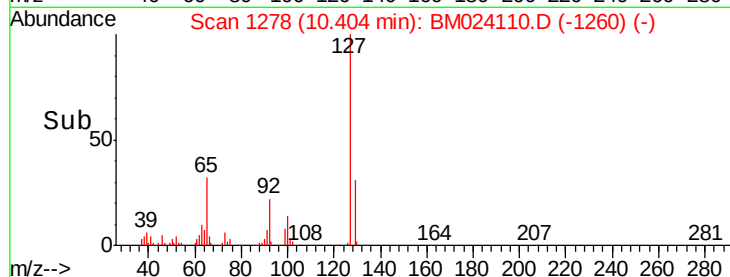
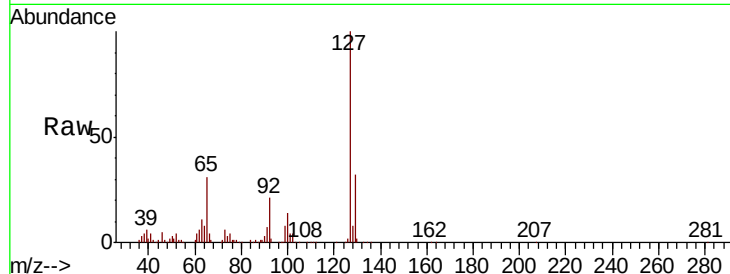
#33
4-Chloroaniline
Concen: 21.474 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	24.9	37.3		
65	31.5	26.2	39.4		
92	21.0	16.3	24.5		

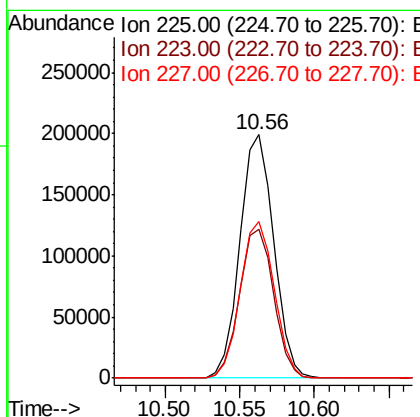
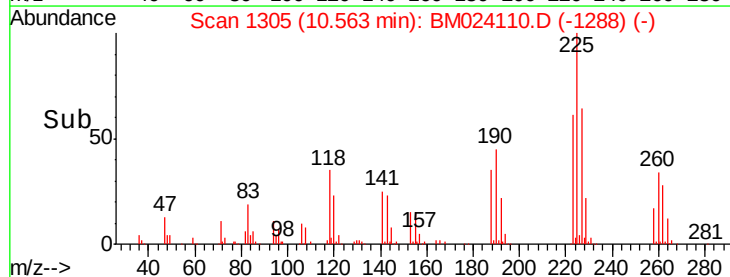
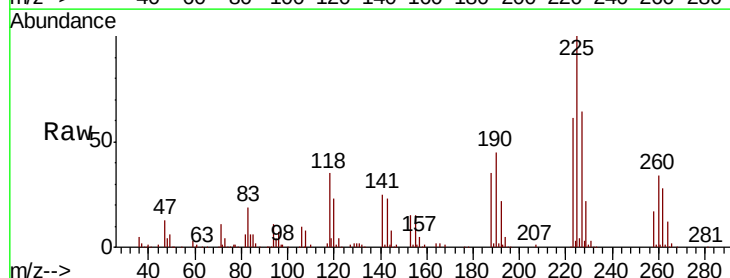
Manual Integrations
APPROVED

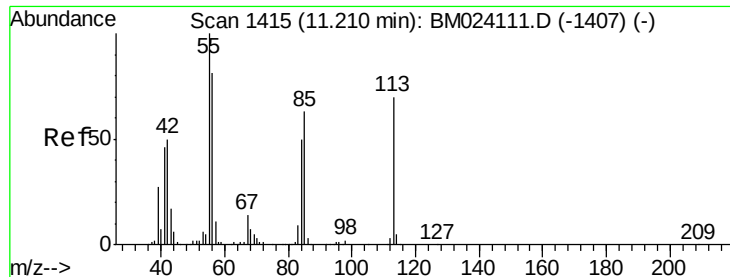
mohammad
12/17/2019 3:20:12 PM



#34
Hexachlorobutadiene
Concen: 19.809 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	50.6	75.8		
227	64.1	52.2	78.4		





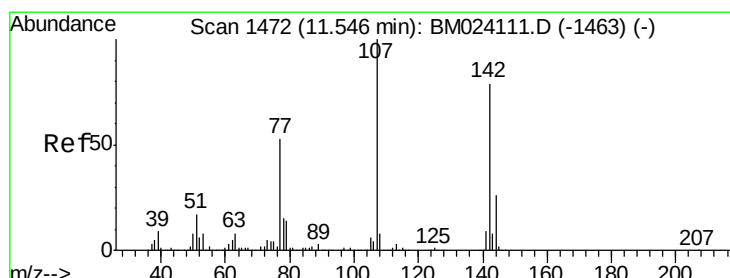
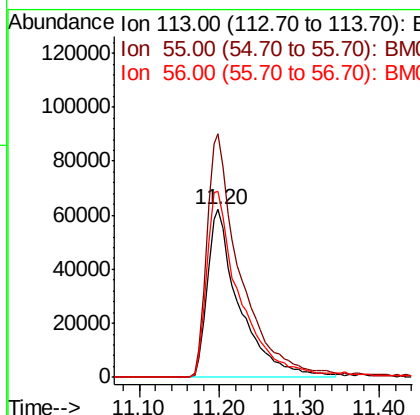
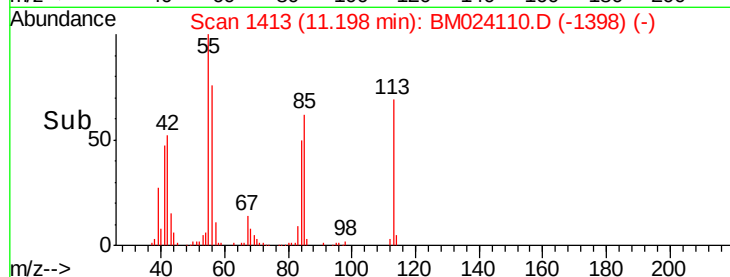
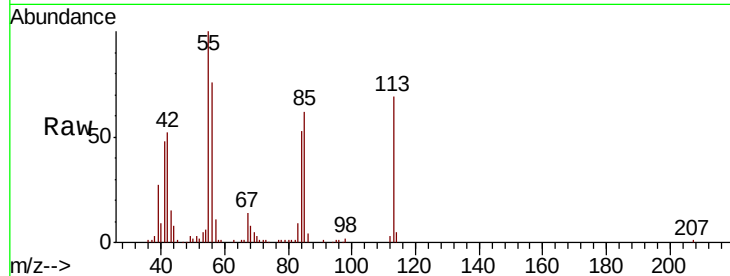
#35
Caprolactam
Concen: 26.973 ng/ml
RT: 11.20 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	145.0	122.4	162.4	
56	110.7	95.5	135.5	

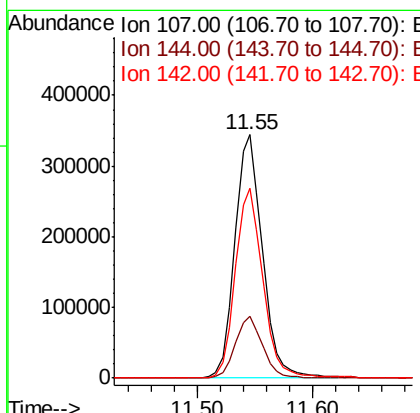
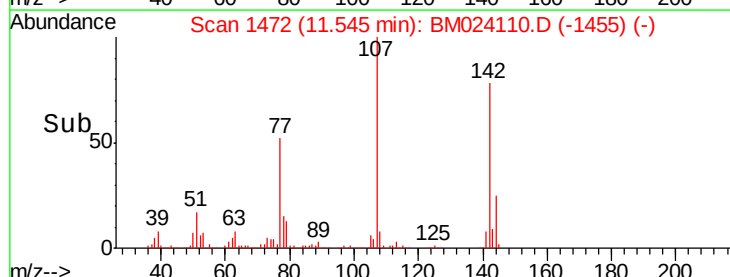
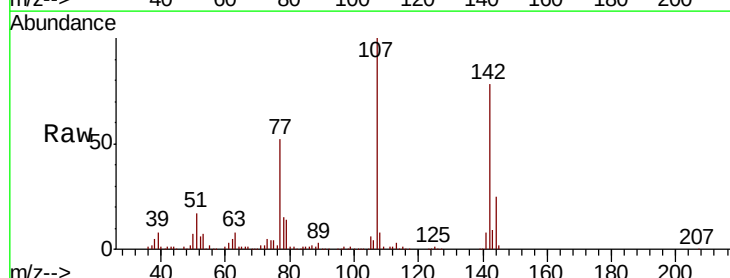
Manual Integrations
APPROVED

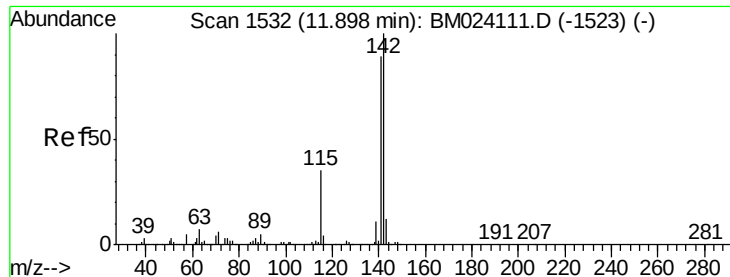
mohammad
12/17/2019 3:20:12 PM



#36
4-Chloro-3-methylphenol
Concen: 27.176 ng
RT: 11.55 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	20.5	30.7	
142	78.2	63.6	95.4	





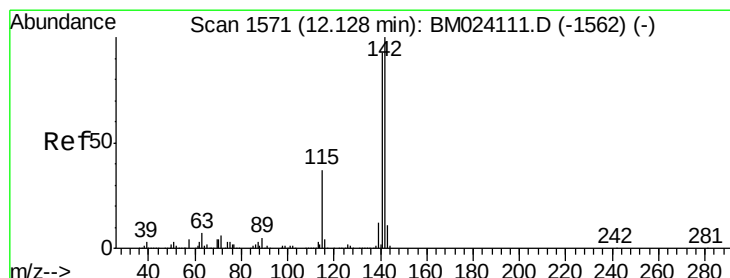
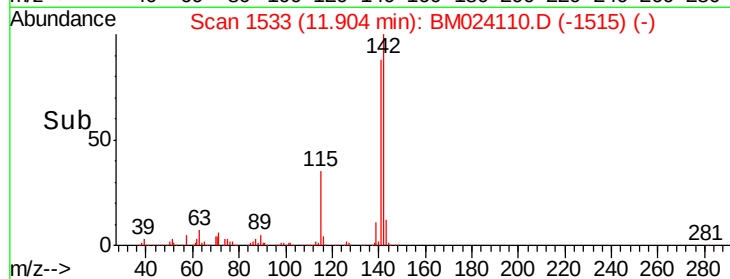
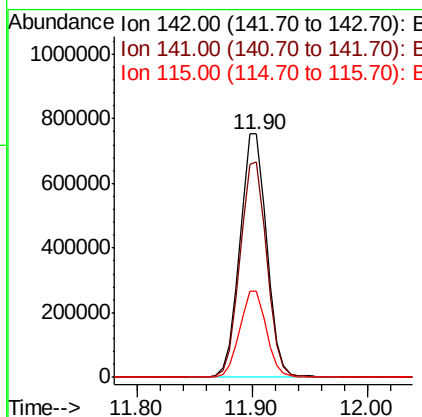
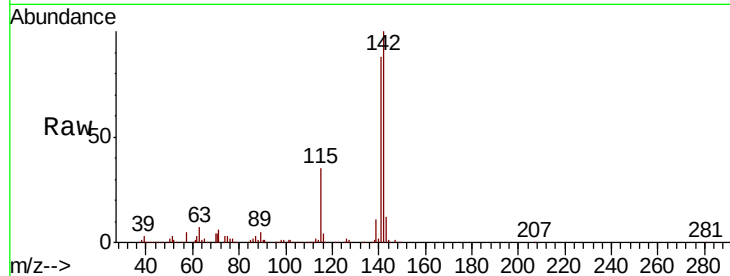
#37
2-Methylnaphthalene
Concen: 23.115 ng
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	35.4	28.4	42.6

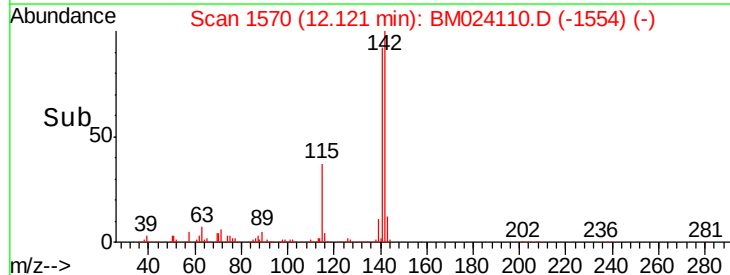
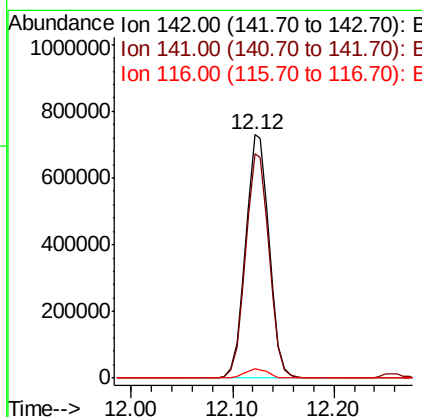
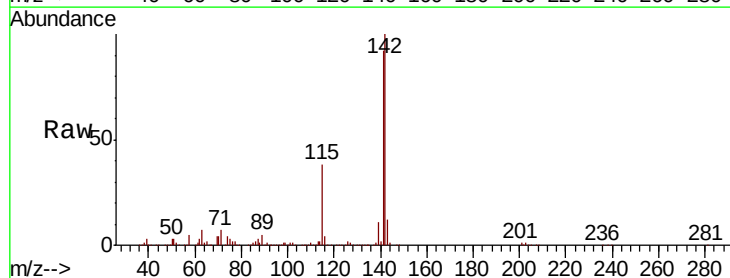
Manual Integrations
APPROVED

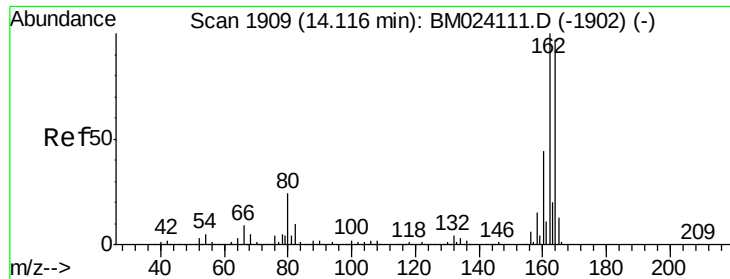
mohammad
12/17/2019 3:20:12 PM



#38
1-Methylnaphthalene
Concen: 23.418 ng
RT: 12.12 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.5	111.7
116	3.9	3.1	4.7





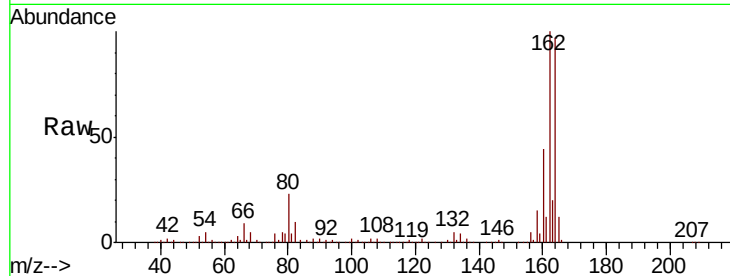
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.12 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	45.2	35.9	53.9

Manual Integrations
APPROVED

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

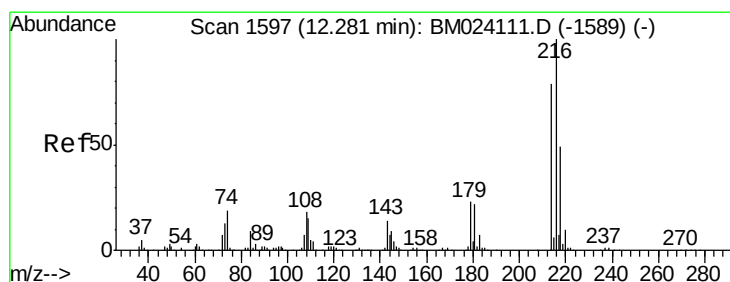
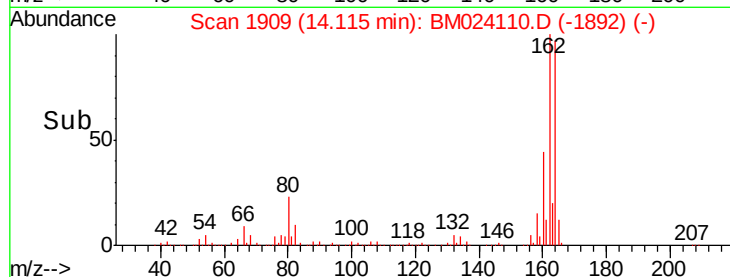
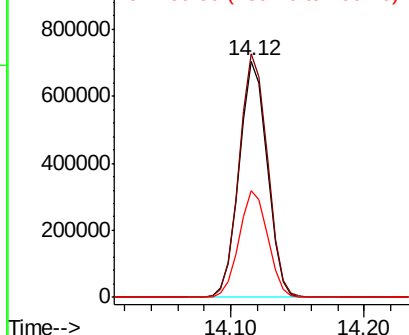


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 17.370 ng
RT: 12.28 min Scan# 1597
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.5	18.0	27.0
108	19.5	15.4	23.0

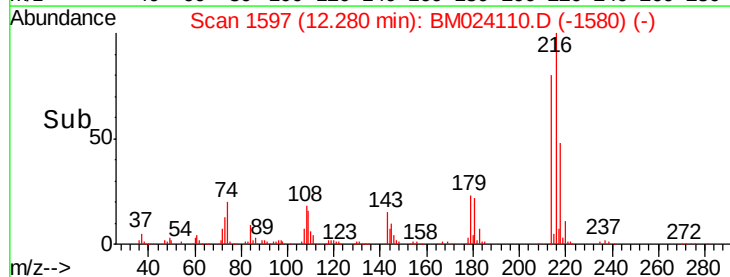
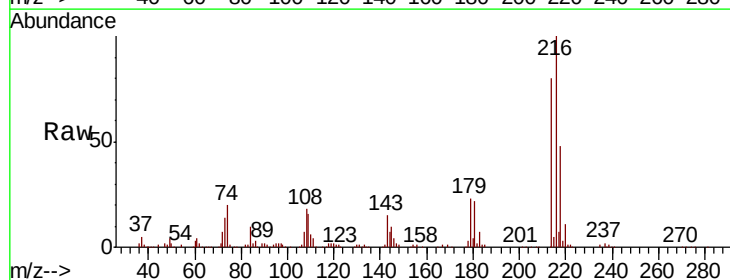
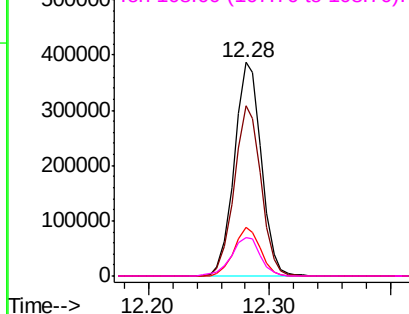
Abundance

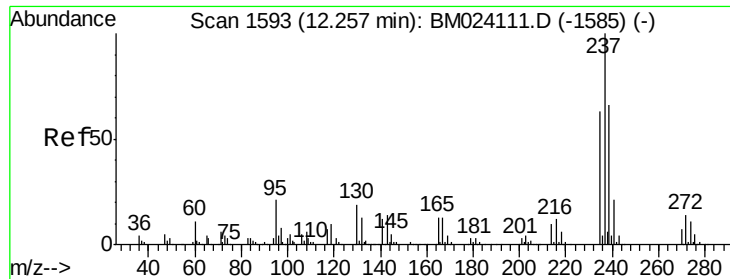
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





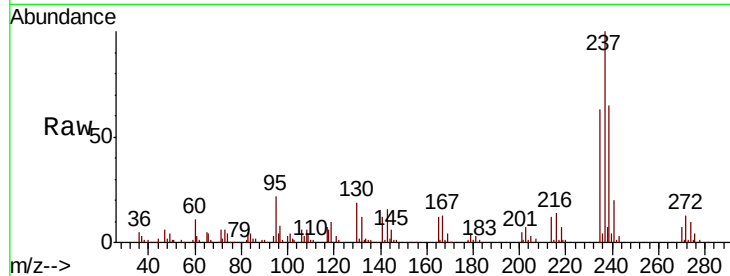
#41
Hexachlorocyclopentadiene
Concen: 9.047 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
237	100	171126		
235	63.0	43.0	83.0	
272	13.4	0.0	33.8	

Manual Integrations
APPROVED

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

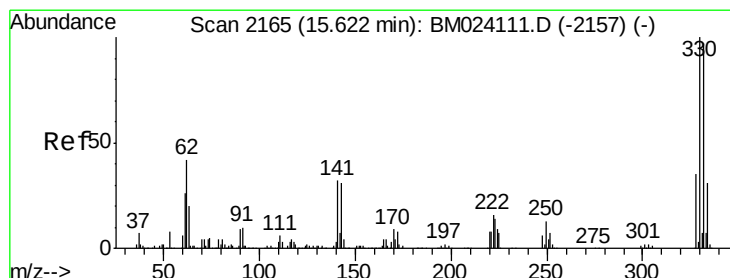
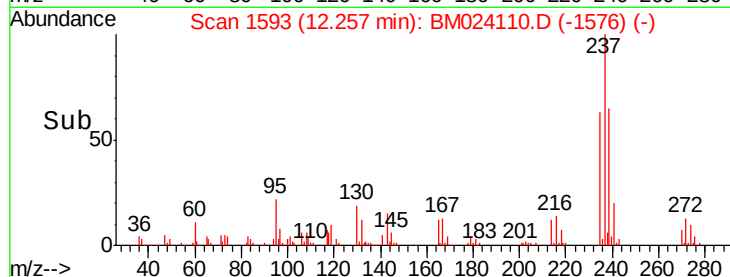
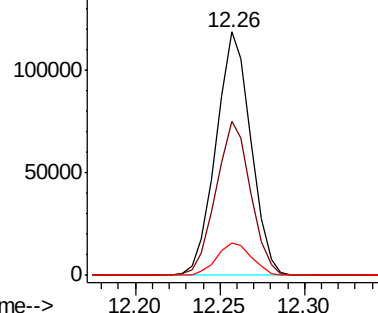


Abundance

Ion 236.80 (236.50 to 237.50): E

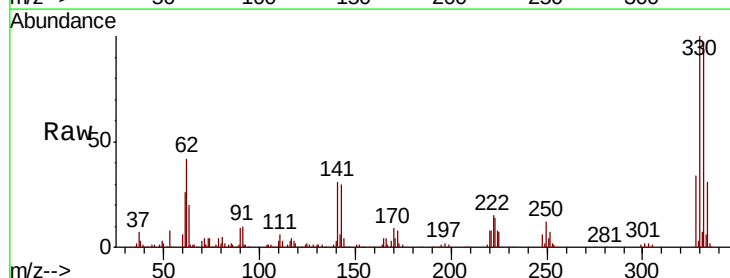
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 44.859 ng
RT: 15.62 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	572973		
332	96.2	77.3	115.9	
141	34.3	27.0	40.6	

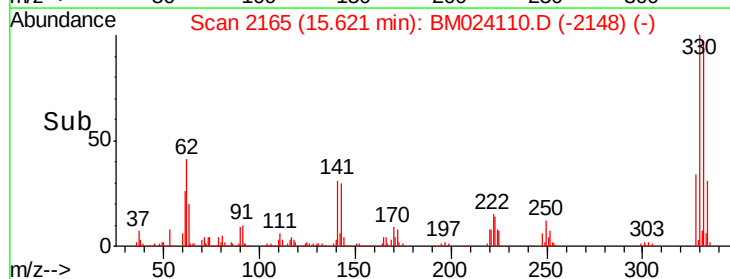
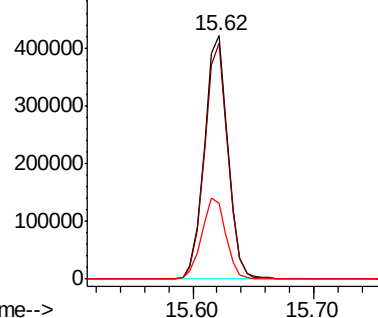


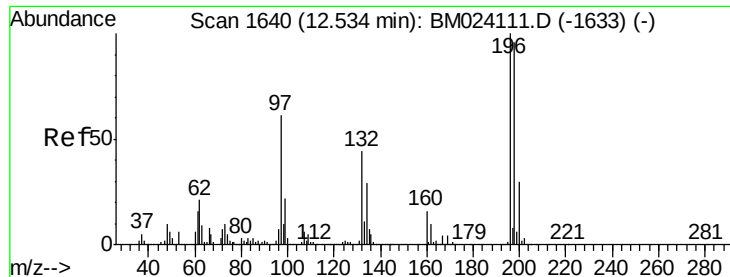
Abundance

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





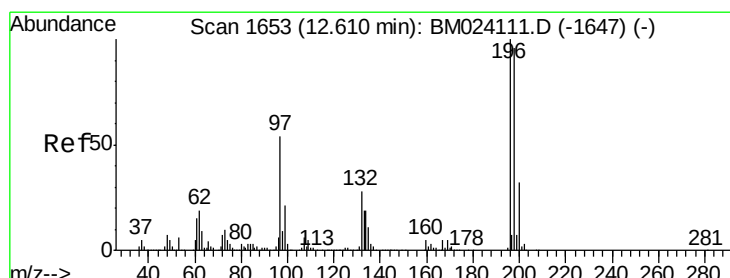
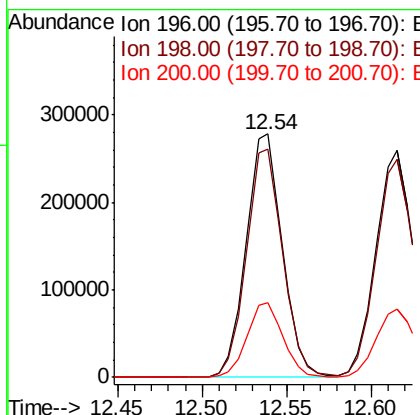
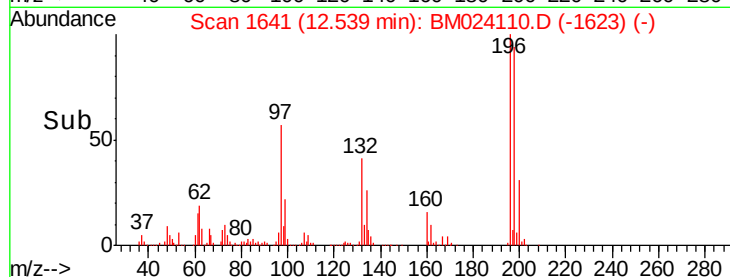
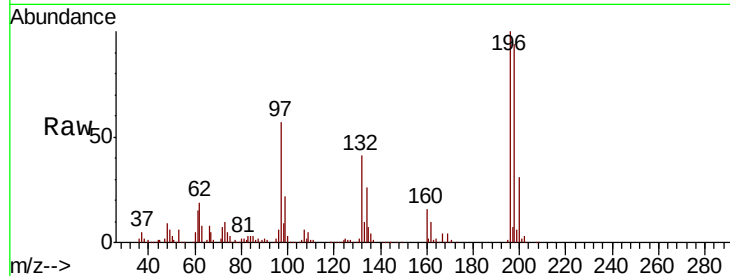
#43
2,4,6-Trichlorophenol
Concen: 20.799 ng
RT: 12.54 min Scan# 1641
Delta R.T. 0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	416182		
198	94.0	77.1	115.7	
200	30.5	24.1	36.1	

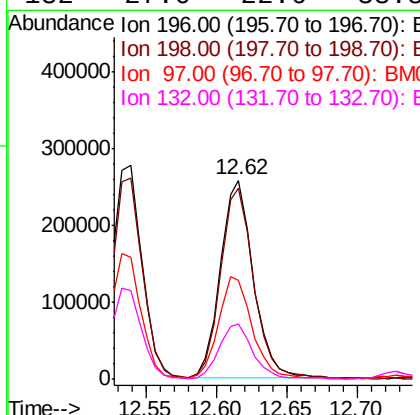
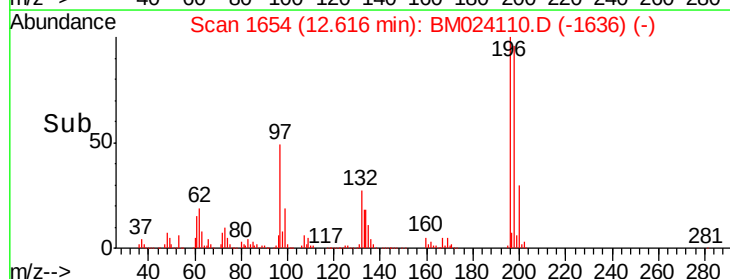
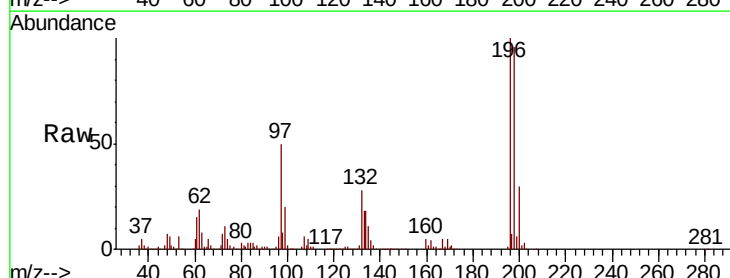
Manual Integrations
APPROVED

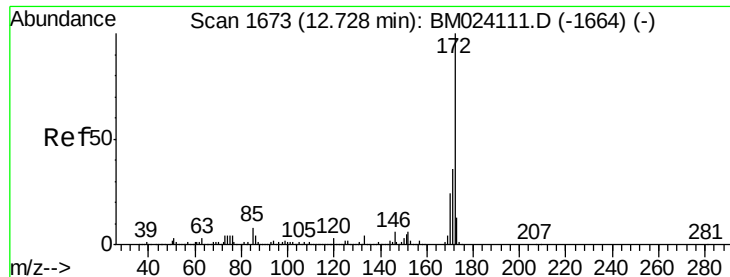
mohammad
12/17/2019 3:20:12 PM



#44
2,4,5-Trichlorophenol
Concen: 19.851 ng
RT: 12.62 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413923		
198	96.2	76.6	114.8	
97	49.7	42.9	64.3	
132	27.6	22.6	33.8	





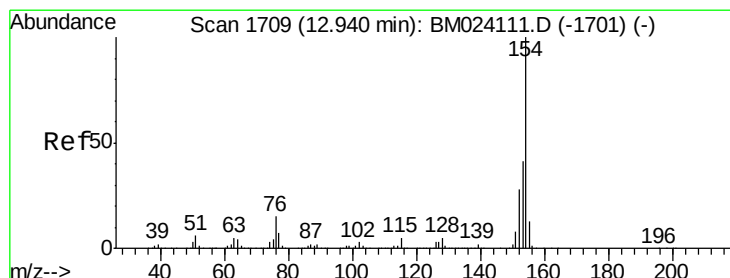
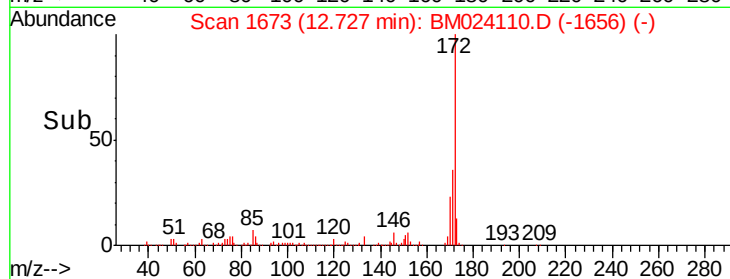
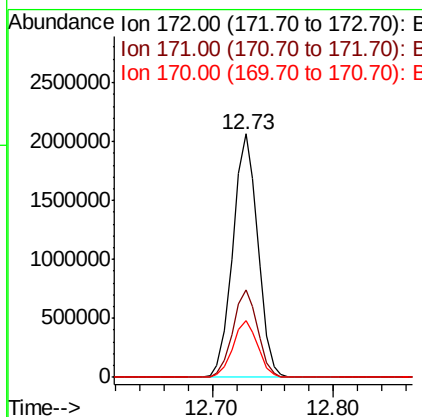
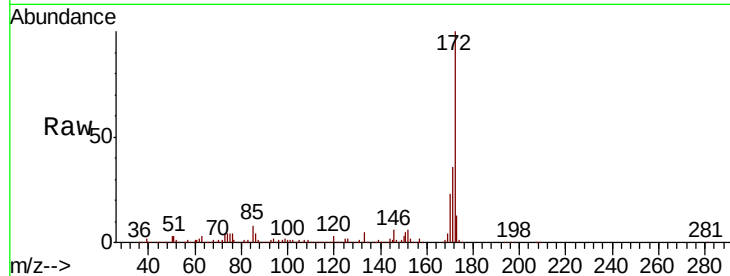
#45
2-Fluorobiphenyl
Concen: 40.115 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.3	18.9	28.3

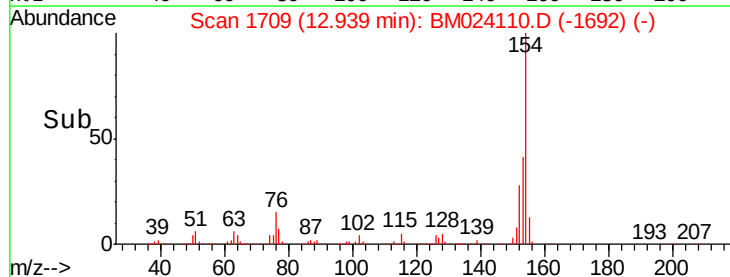
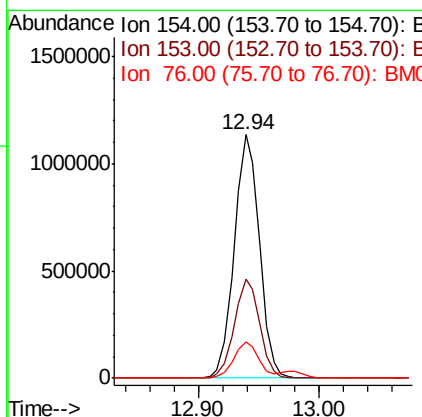
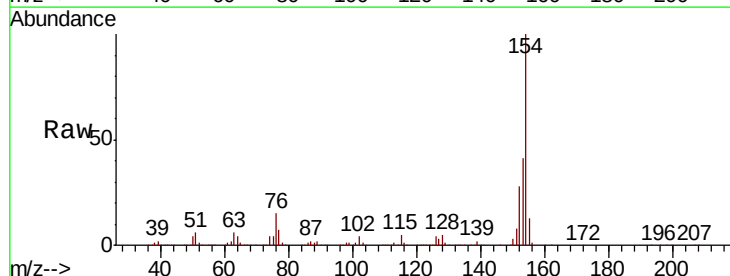
Manual Integrations
APPROVED

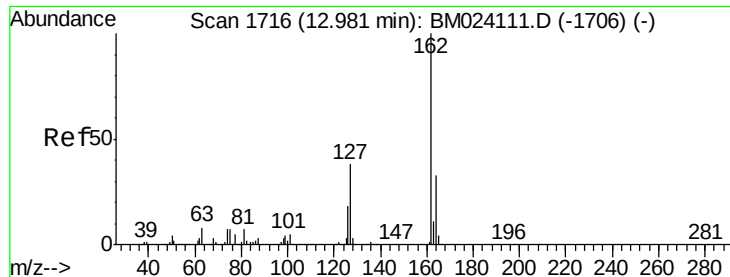
mohammad
12/17/2019 3:20:12 PM



#46
1,1'-Biphenyl
Concen: 19.456 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	14.7	0.0	35.1





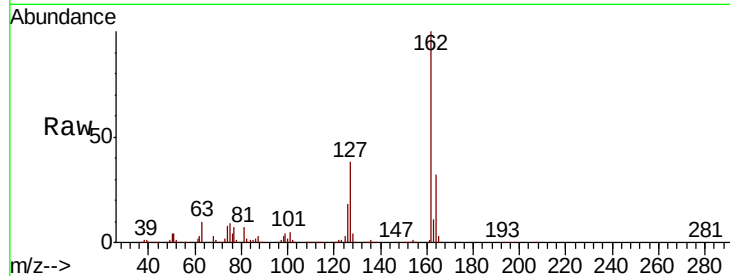
#47
2-Chloronaphthalene
Concen: 20.563 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

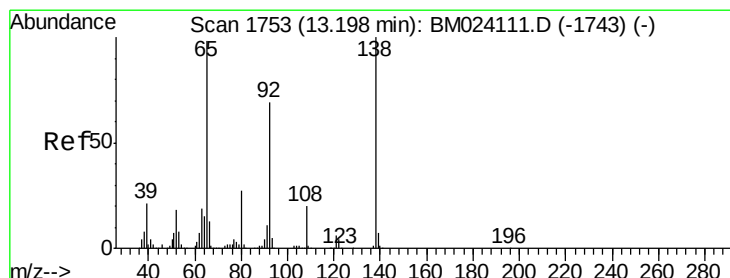
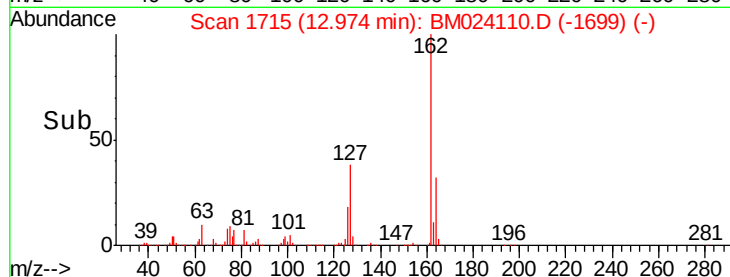
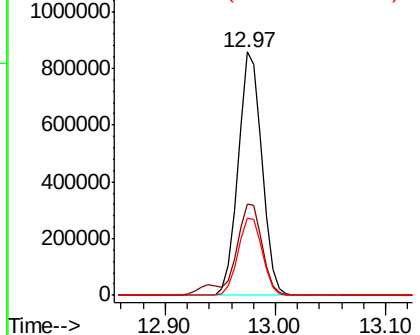
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.4
164	31.9	26.2	39.2

Manual Integrations
APPROVED

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

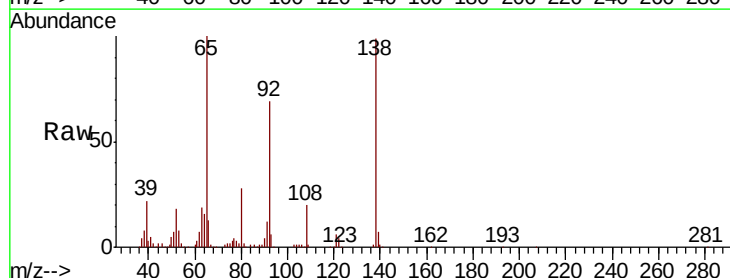


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

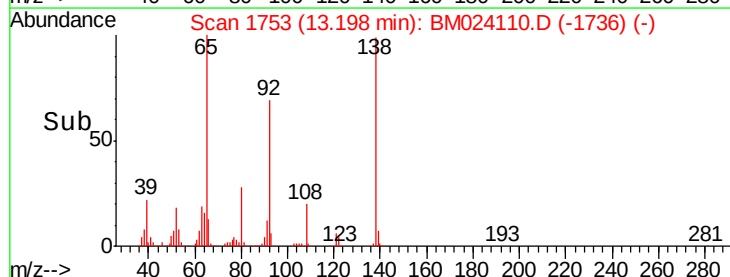
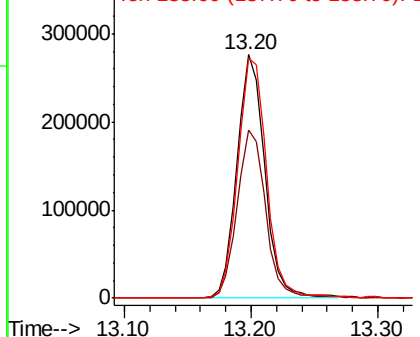


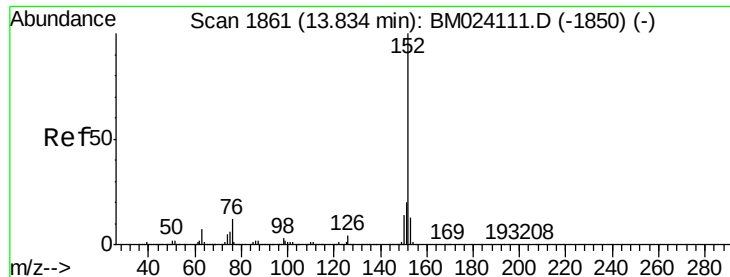
#48
2-Nitroaniline
Concen: 25.551 ng
RT: 13.20 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	56.4	84.6
138	98.5	81.9	122.9



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





#49

Acenaphthylene

Concen: 21.486 ng

RT: 13.83 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:152 Resp: 2008230

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

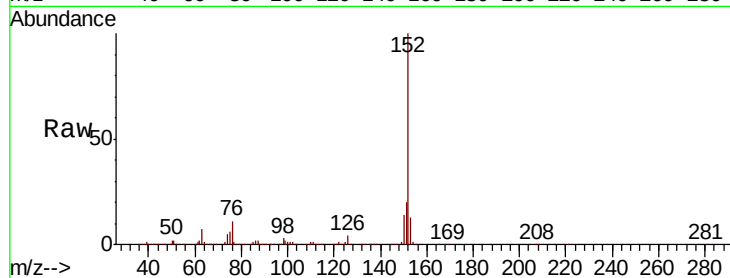
153 13.3 10.6 15.8

Manual Integrations

APPROVED

mohammad

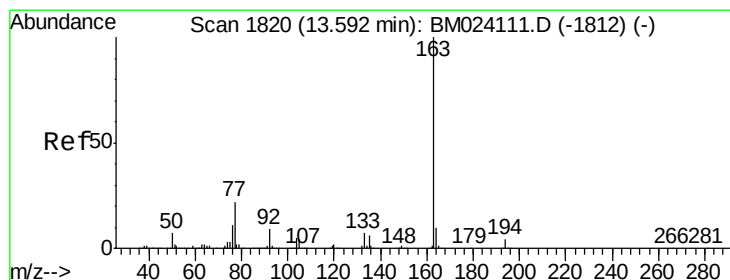
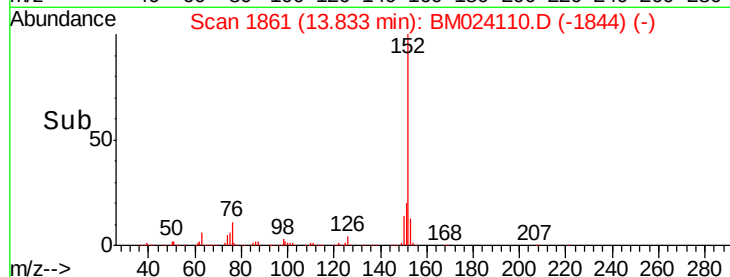
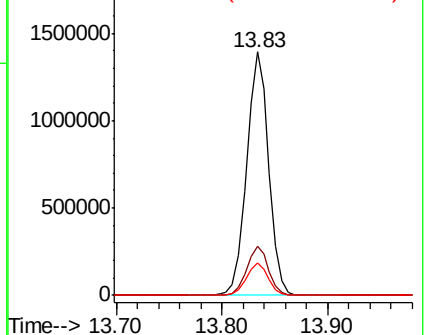
12/17/2019 3:20:12 PM



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: 22.673 ng

RT: 13.59 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

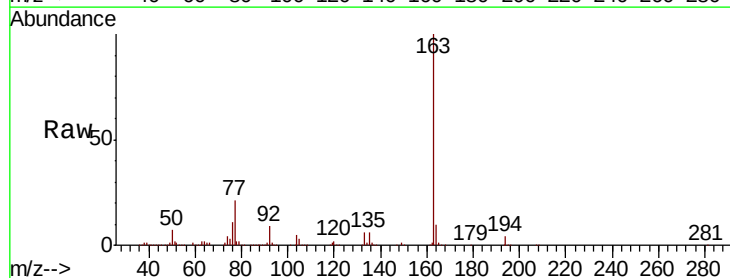
Tgt Ion:163 Resp: 1676490

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

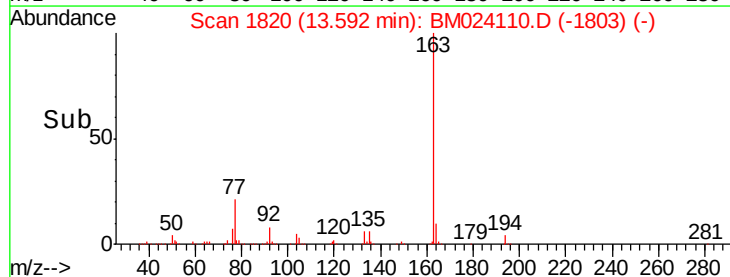
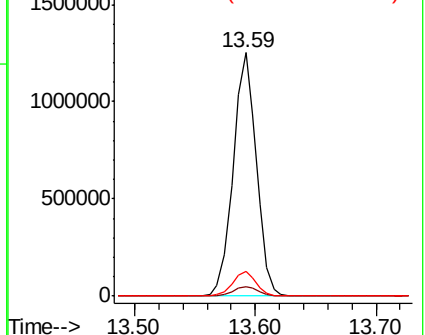
164 10.2 8.1 12.1

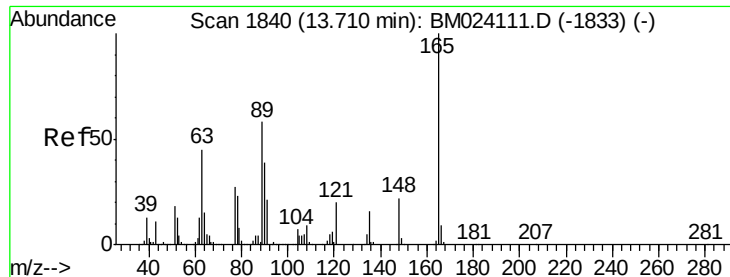


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





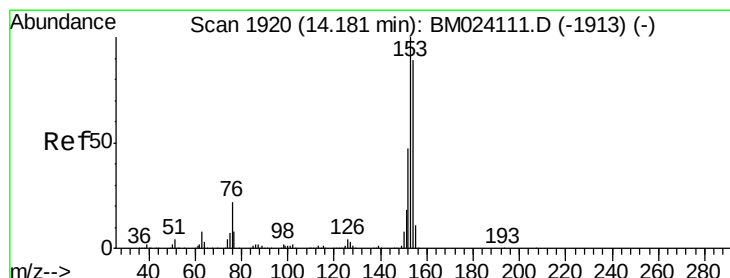
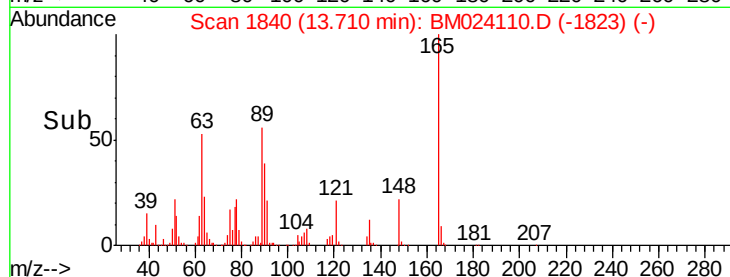
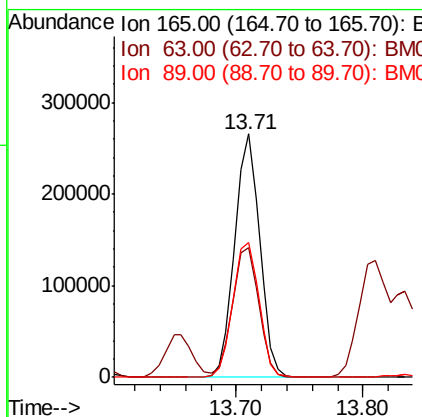
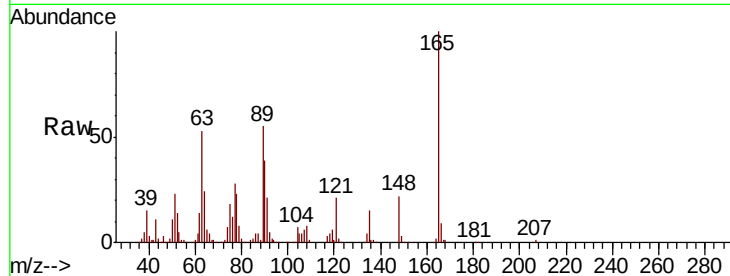
#51
2,6-Dinitrotoluene
Concen: 23.375 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	361539		
63	53.1	43.0	64.6	
89	55.4	46.4	69.6	

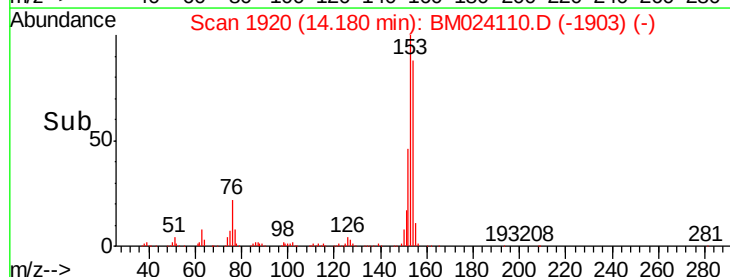
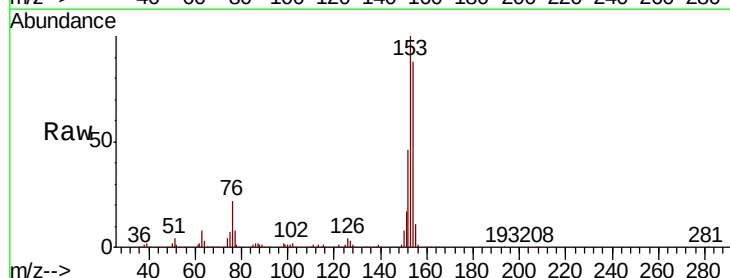
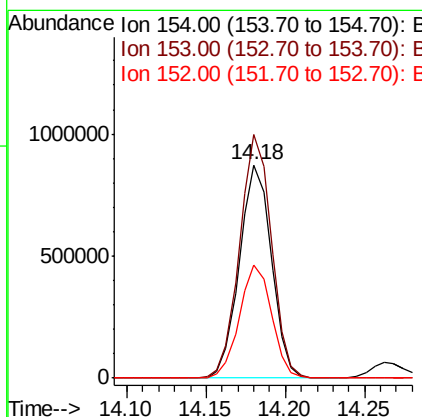
Manual Integrations
APPROVED

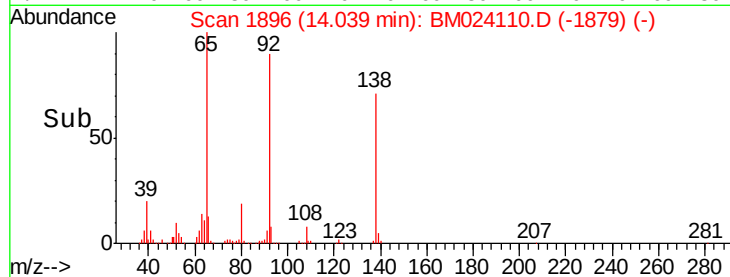
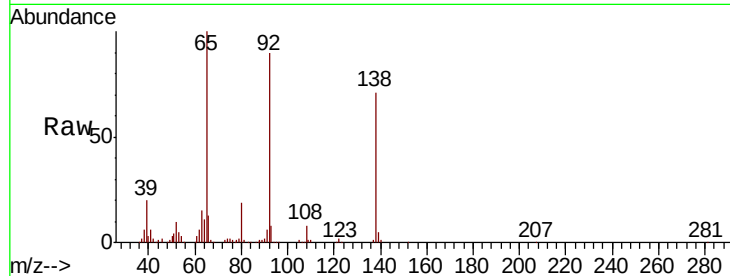
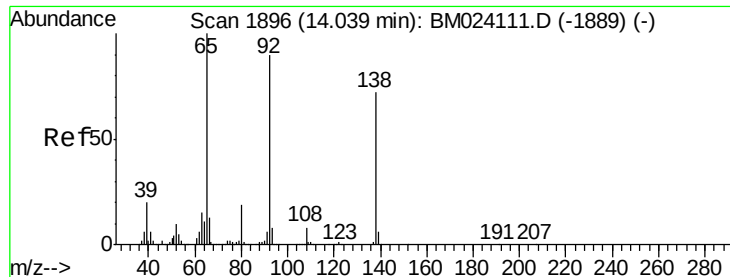
mohammad
12/17/2019 3:20:12 PM



#52
Acenaphthene
Concen: 20.098 ng
RT: 14.18 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1228952		
153	114.2	90.4	135.6	
152	52.9	42.3	63.5	





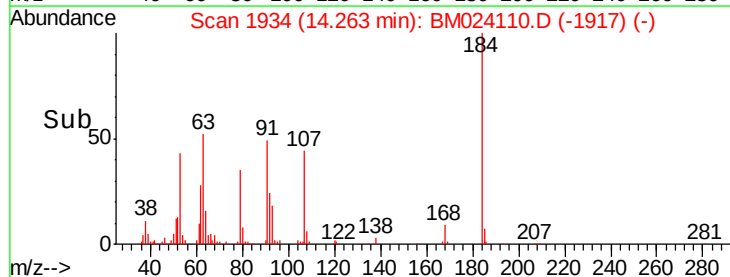
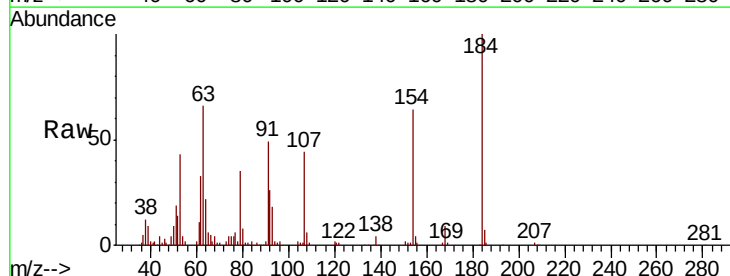
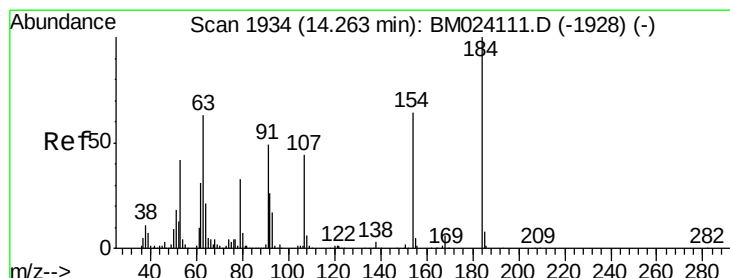
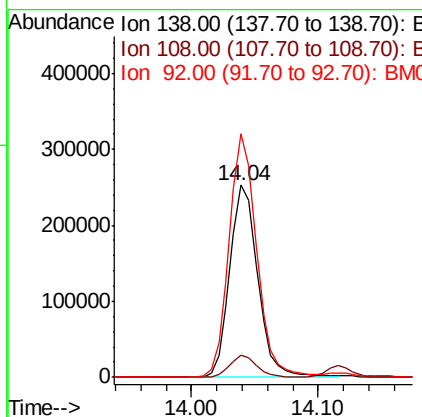
#53
3-Nitroaniline
Concen: 21.890 ng
RT: 14.04 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.8	13.2
92	126.7	100.6	150.8

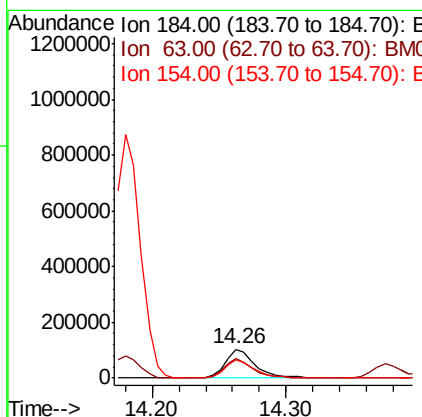
Manual Integrations
APPROVED

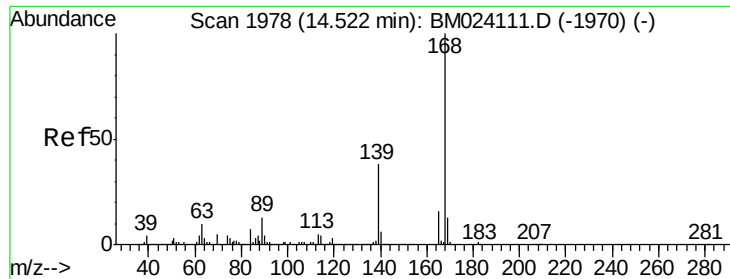
mohammad
12/17/2019 3:20:12 PM



#54
2,4-Dinitrophenol
Concen: 22.679 ng
RT: 14.26 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	50.2	75.4
154	63.7	51.8	77.8





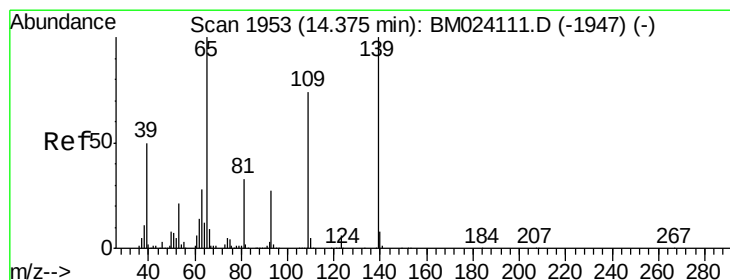
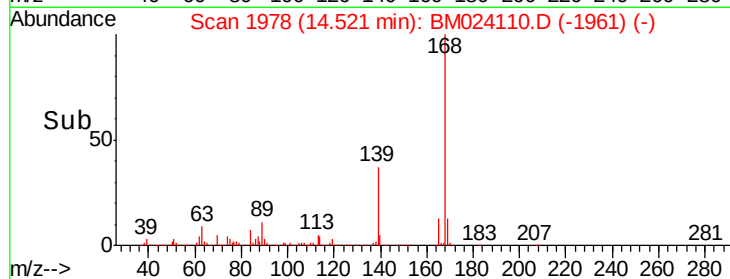
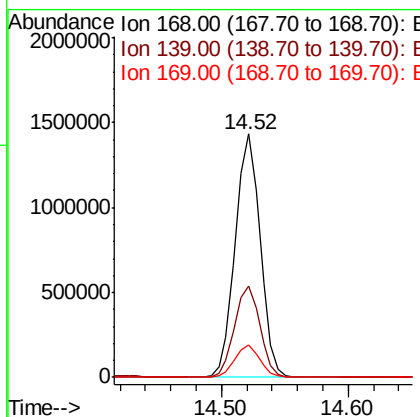
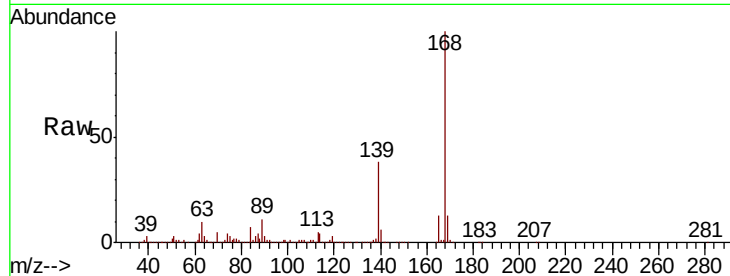
#55
Dibenzofuran
Concen: 21.874 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.4	45.6
169	13.2	10.6	16.0

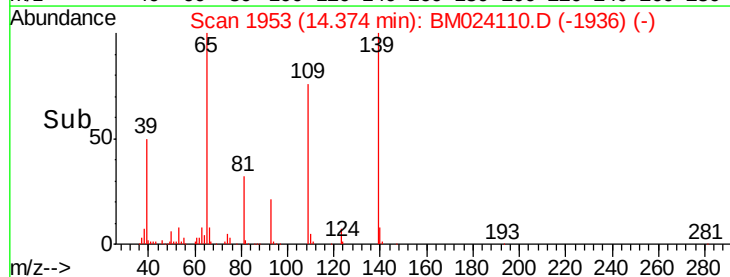
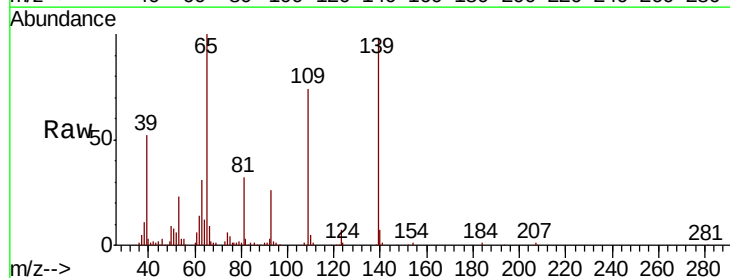
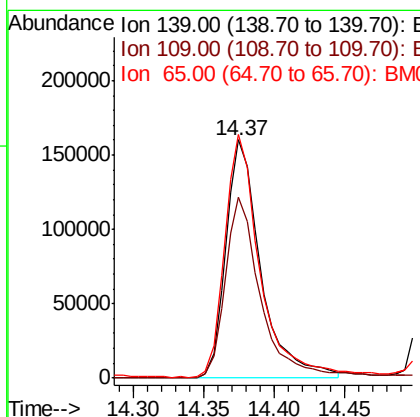
Manual Integrations
APPROVED

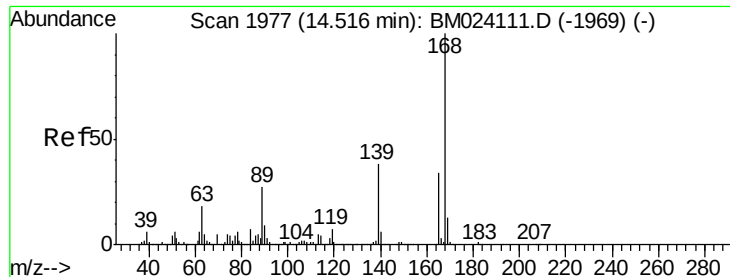
mohammad
12/17/2019 3:20:12 PM



#56
4-Nitrophenol
Concen: 20.175 ng
RT: 14.37 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	54.2	94.2
65	102.3	80.5	120.5





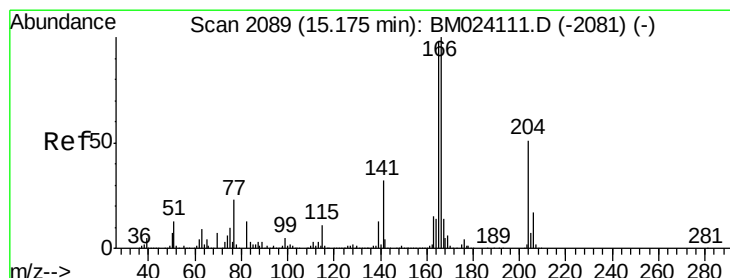
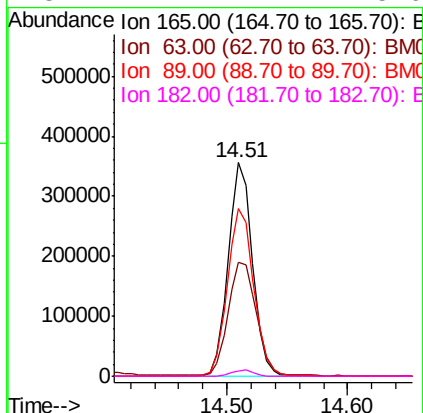
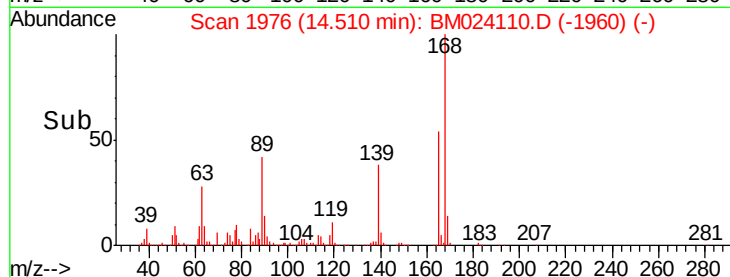
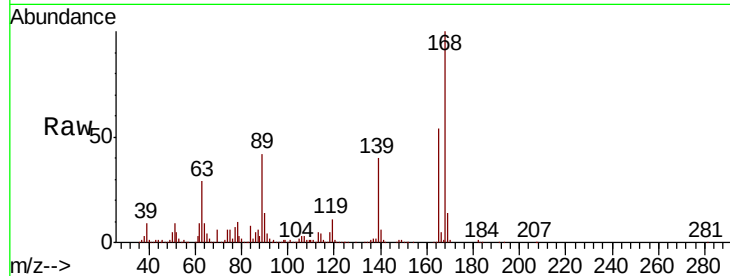
#57
2,4-Dinitrotoluene
Concen: 24.611 ng
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	498681		
63	53.5	42.6	64.0	
89	78.6	61.6	92.4	
182	2.7	2.4	3.6	

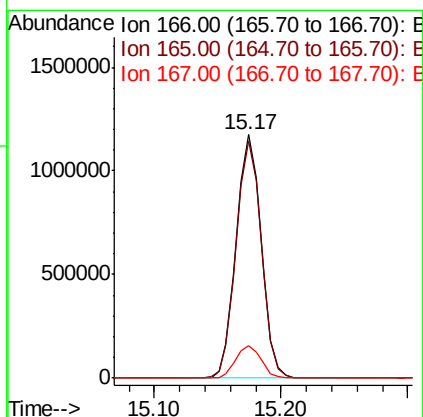
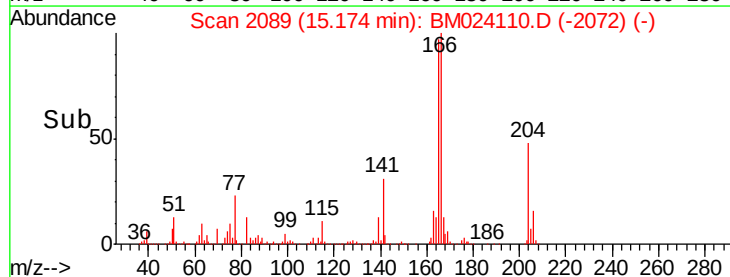
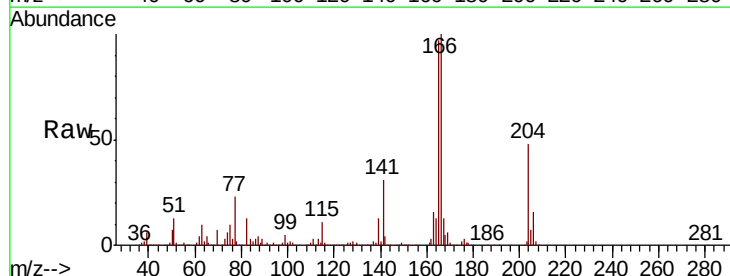
Manual Integrations
APPROVED

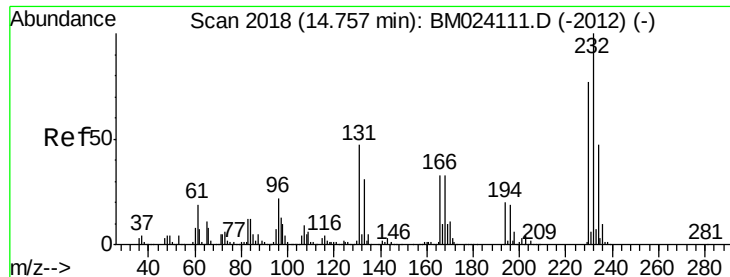
mohammad
12/17/2019 3:20:12 PM



#58
Fluorene
Concen: 22.095 ng
RT: 15.17 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1602849		
165	97.3	78.0	117.0	
167	13.2	10.9	16.3	





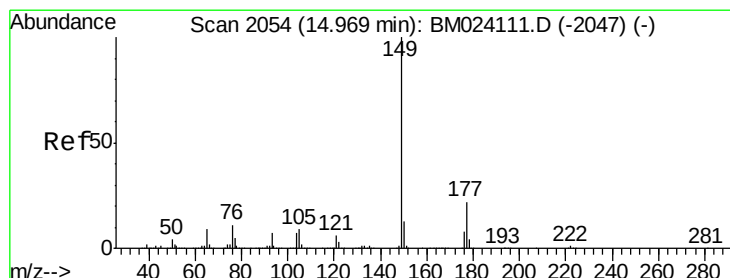
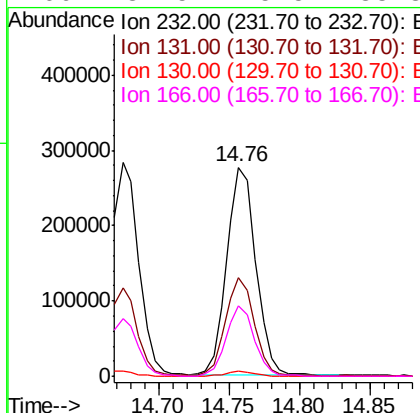
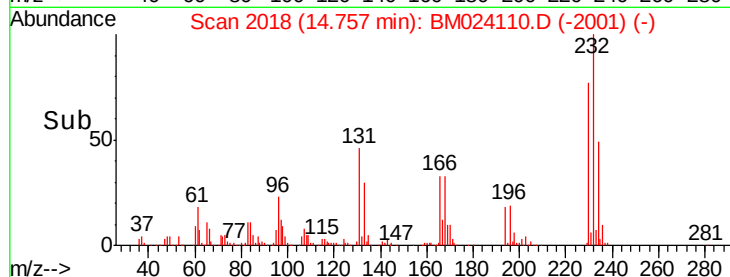
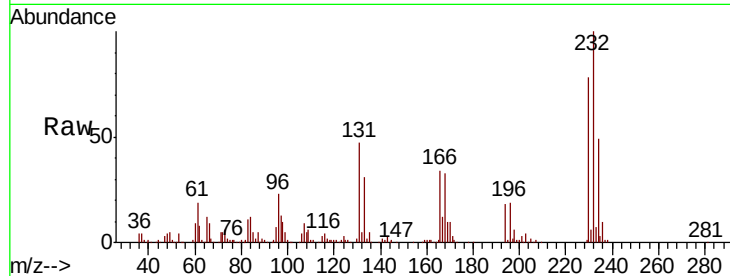
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.796 ng
RT: 14.76 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	36.1	54.1
130	2.4	1.9	2.9
166	32.5	25.5	38.3

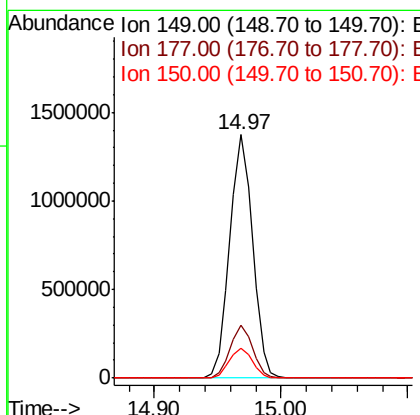
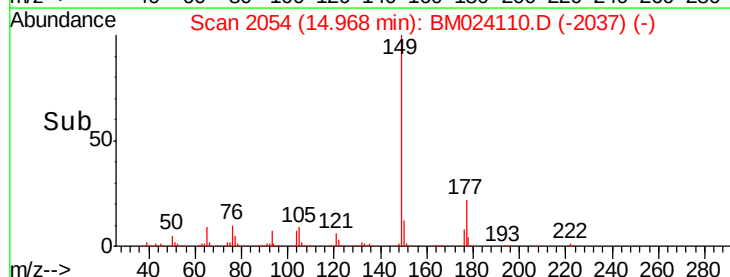
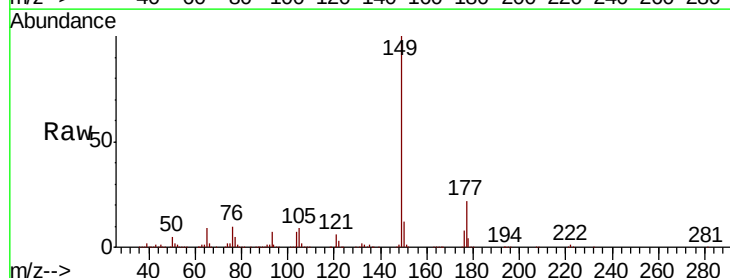
Manual Integrations
APPROVED

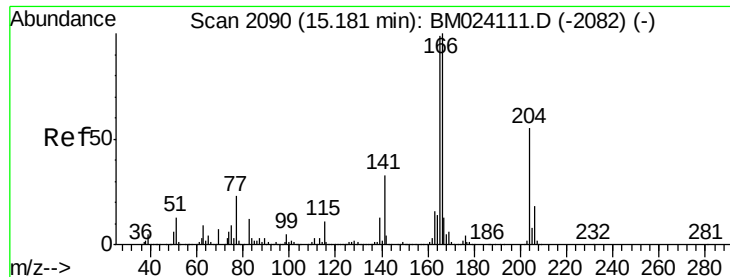
mohammad
12/17/2019 3:20:12 PM



#60
Diethylphthalate
Concen: 23.834 ng
RT: 14.97 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	12.4	10.1	15.1





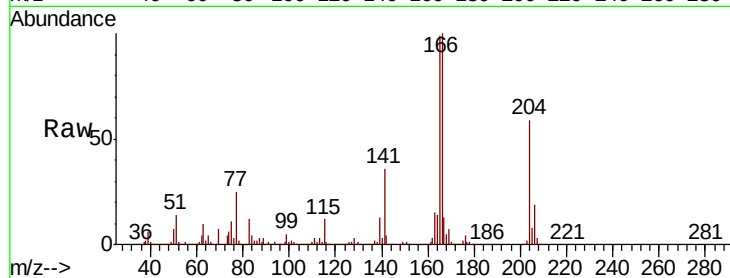
#61
4-Chlorophenyl-phenylether
Concen: 21.053 ng
RT: 15.18 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleID :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	60.7	47.0	70.4

Manual Integrations
APPROVED

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

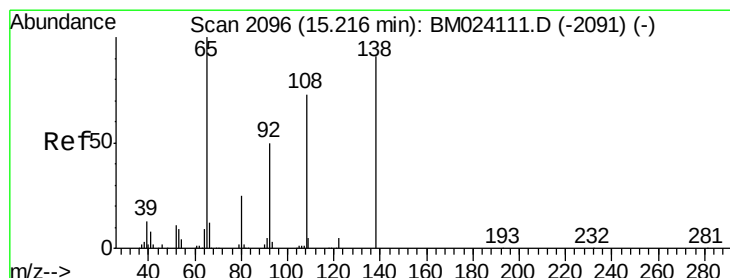
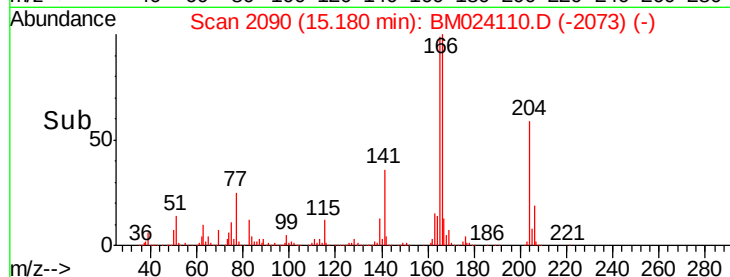
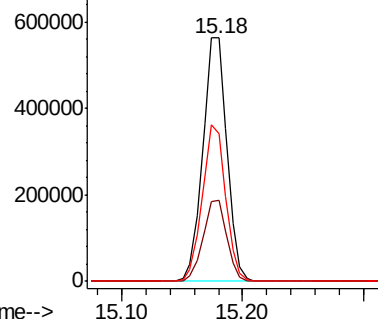


Abundance

Ion 204.00 (203.70 to 204.70): E

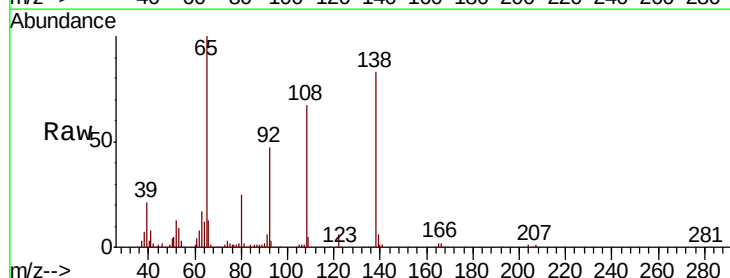
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 20.987 ng m
RT: 15.21 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	33.8	73.8
108	81.3	57.6	97.6

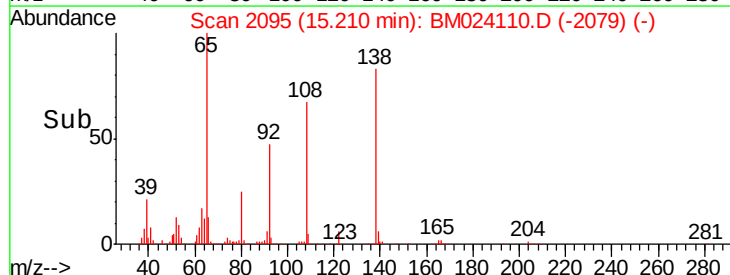
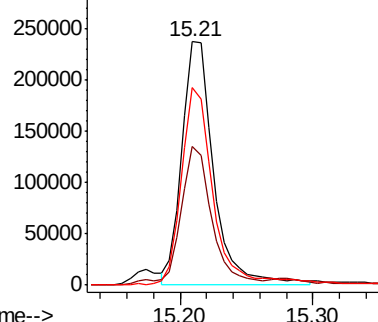


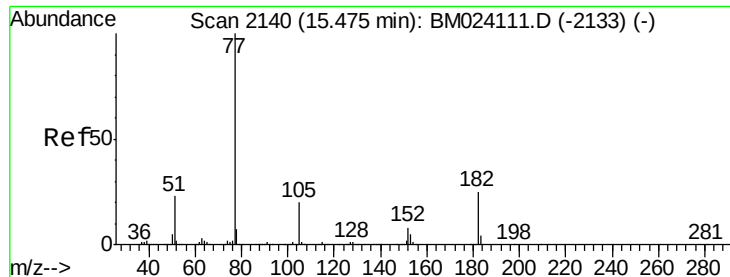
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





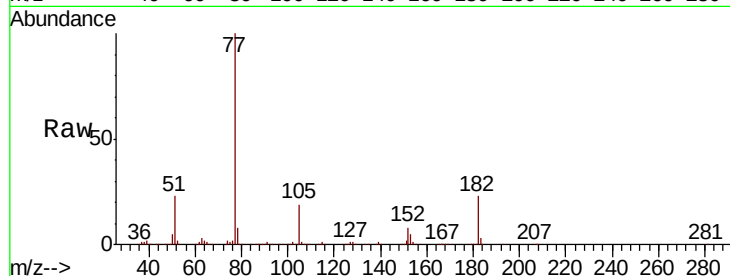
#63
Azobenzene
Concen: 25.905 ng
RT: 15.47 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.6	4.7	44.7
105	19.2	0.0	40.0
51	23.3	2.6	42.6

Manual Integrations
APPROVED

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



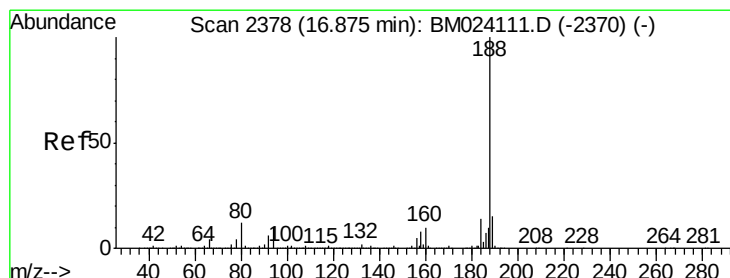
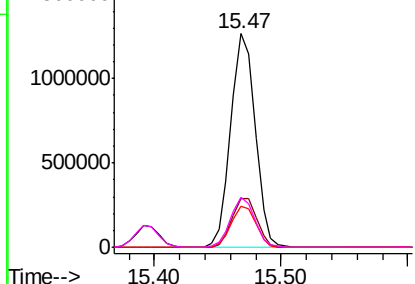
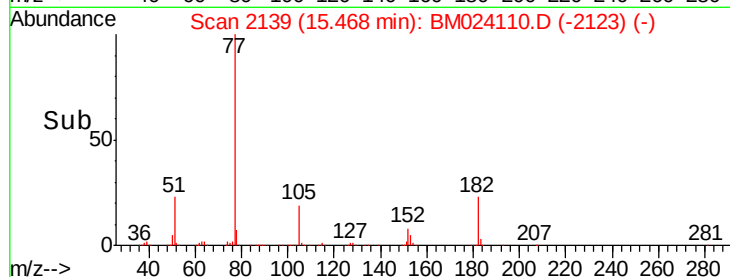
Abundance Ion 77.00 (76.70 to 77.70): BM024110.D (-2133) (-)

2000000

Ion 182.00 (181.70 to 182.70): BM024110.D (-2133) (-)

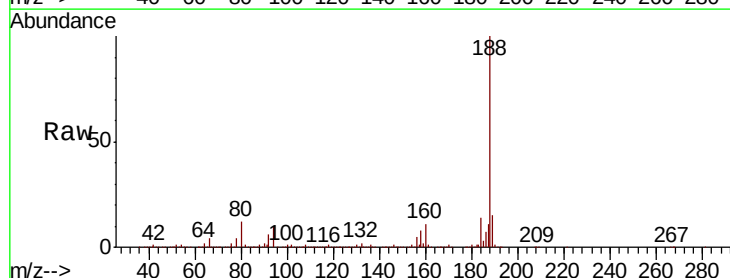
Ion 105.00 (104.70 to 105.70): BM024110.D (-2133) (-)

Ion 51.00 (50.70 to 51.70): BM024110.D (-2133) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.4
80	11.9	9.6	14.4

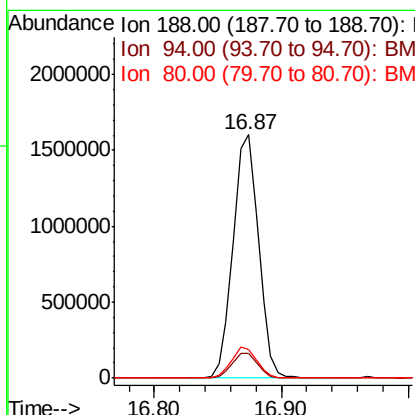
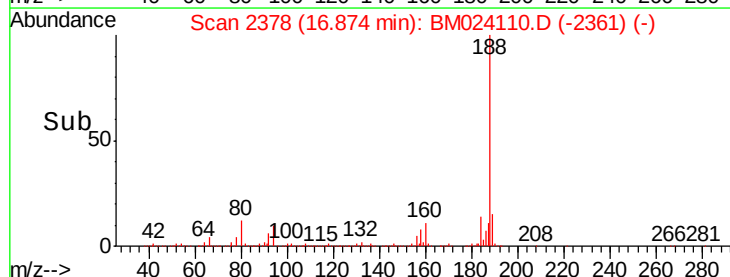


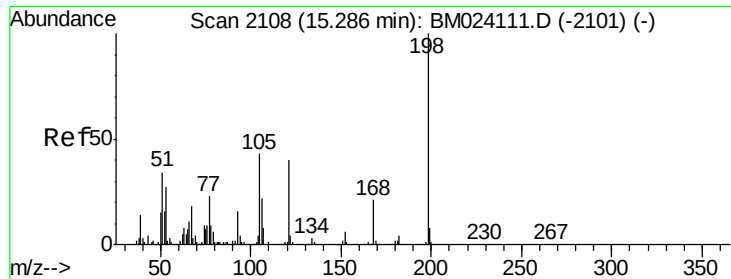
Abundance Ion 188.00 (187.70 to 188.70): BM024110.D (-2361) (-)

2000000

Ion 94.00 (93.70 to 94.70): BM024110.D (-2361) (-)

Ion 80.00 (79.70 to 80.70): BM024110.D (-2361) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 23.030 ng

RT: 15.28 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

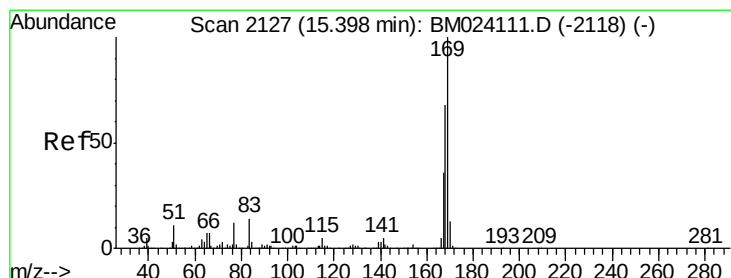
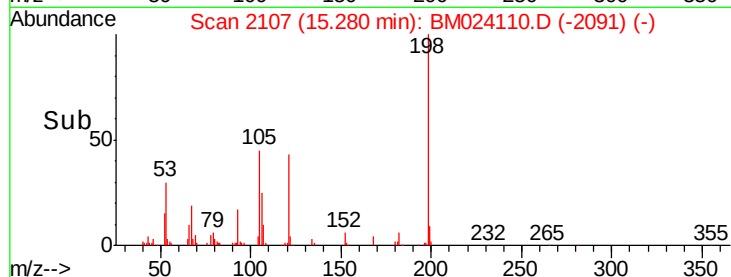
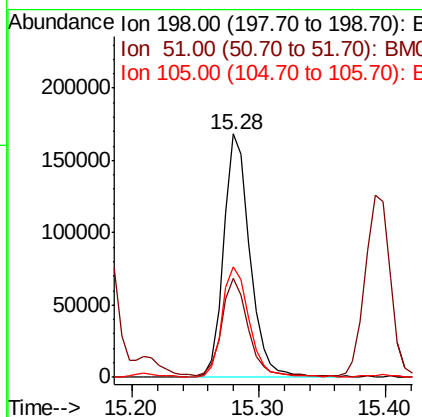
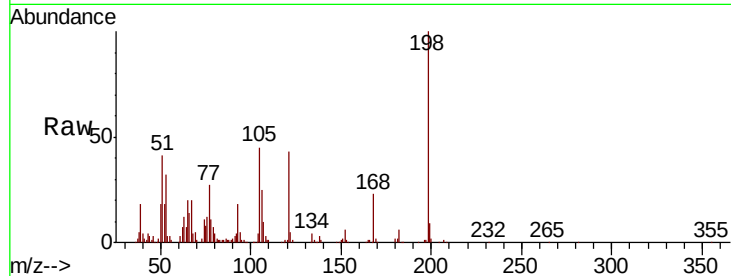
ClientSampleId :

SSTDIC020

Tot Ion:	198	Resp:	240256
Ion Ratio	Lower	Upper	
198	100		
51	40.5	15.0	55.0
105	45.5	22.9	62.9

Manual Integrations
APPROVED

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



#66

n-Nitrosodiphenylamine

Concen: 20.721 ng

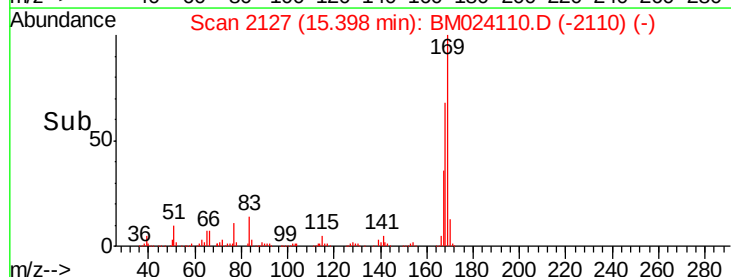
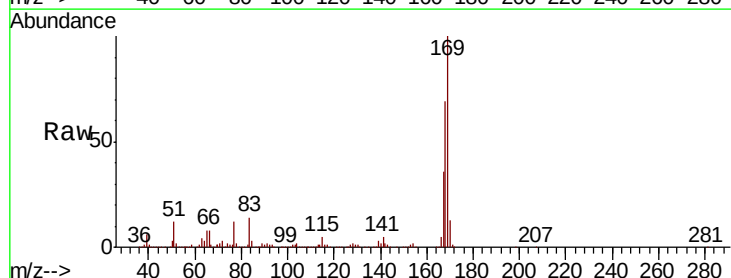
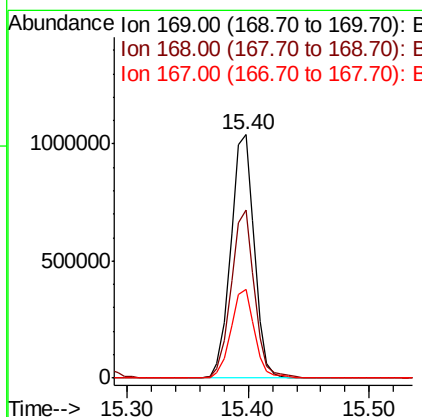
RT: 15.40 min Scan# 2127

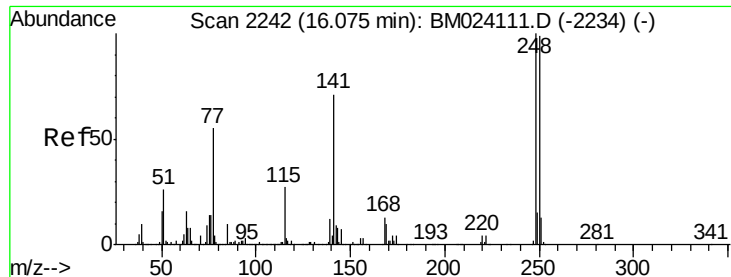
Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Tgt Ion:	169	Resp:	1410119
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.0	81.0
167	36.5	28.9	43.3





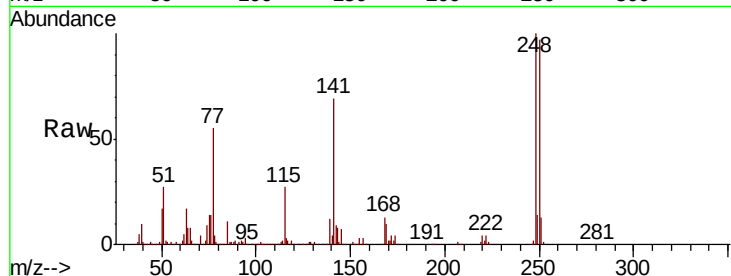
#67
4-Bromophenyl-phenylether
Concen: 20.719 ng
RT: 16.07 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.1	118.7
141	69.2	56.8	85.2

Manual Integrations
APPROVED

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

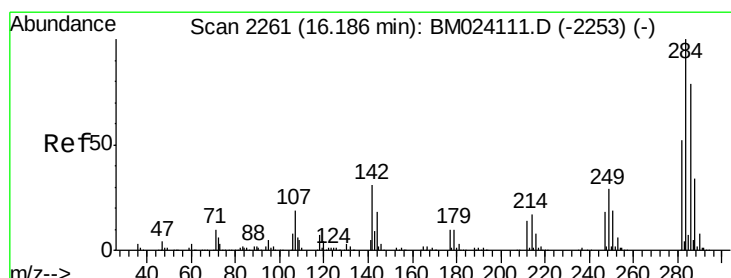
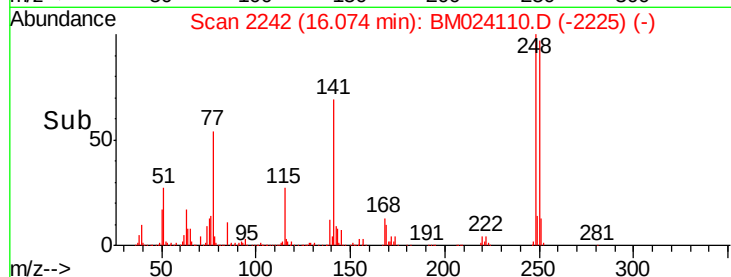
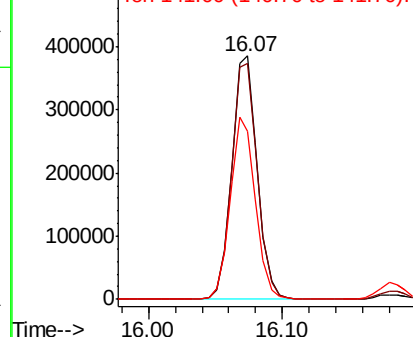


Abundance

Ion 248.00 (247.70 to 248.70): E

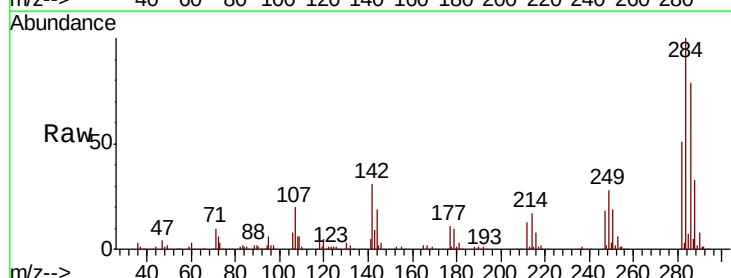
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 21.720 ng
RT: 16.19 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	28.4	23.5	35.3

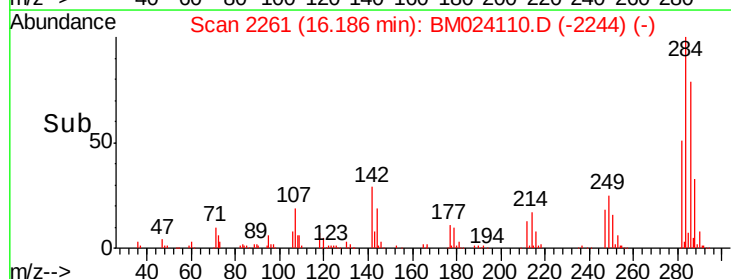
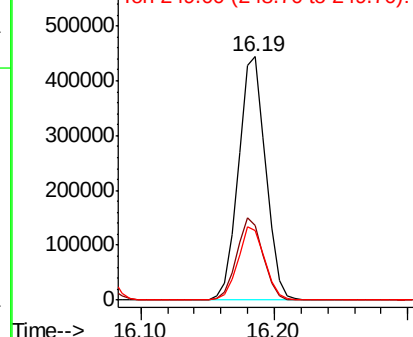


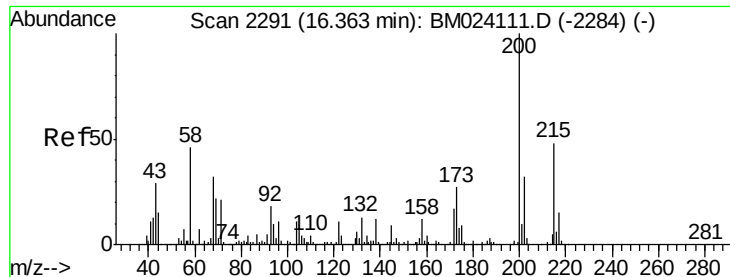
Abundance

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





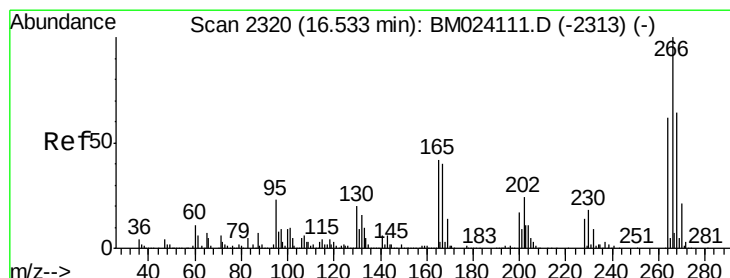
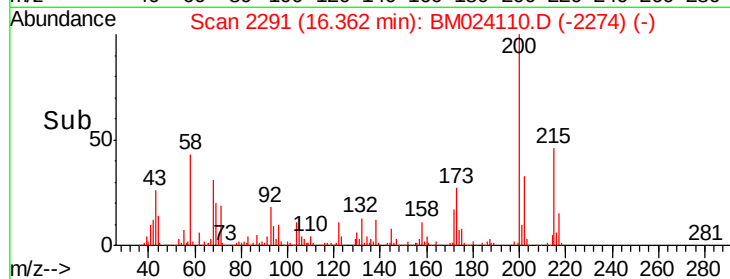
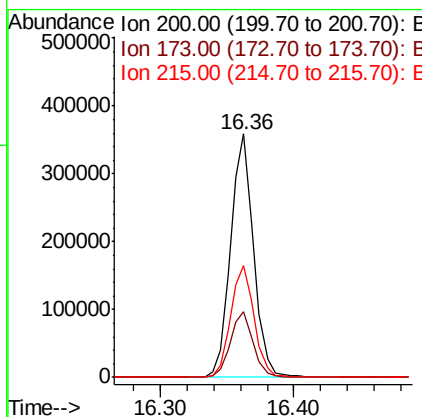
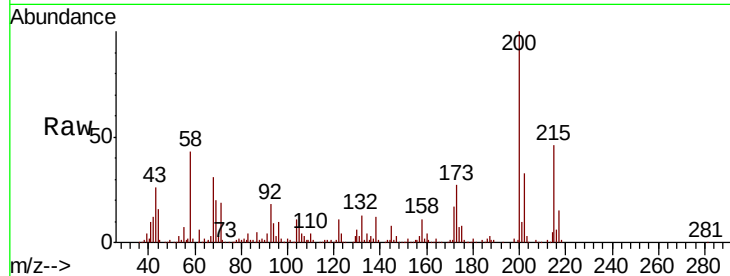
#69
Atrazine
Concen: 19.526 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
200	100	431970		
173	27.1	7.2	47.2	
215	45.8	27.9	67.9	

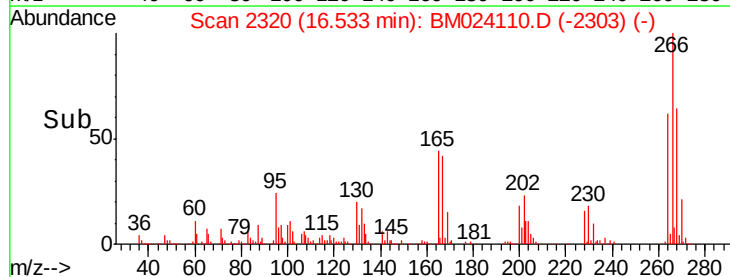
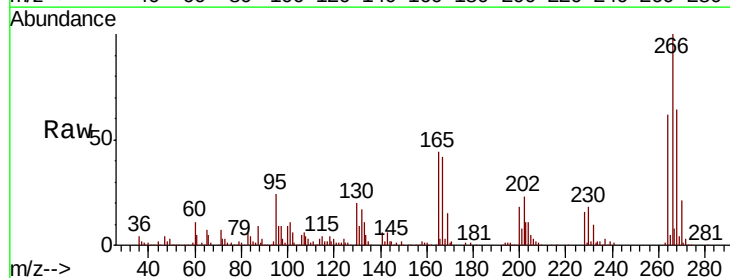
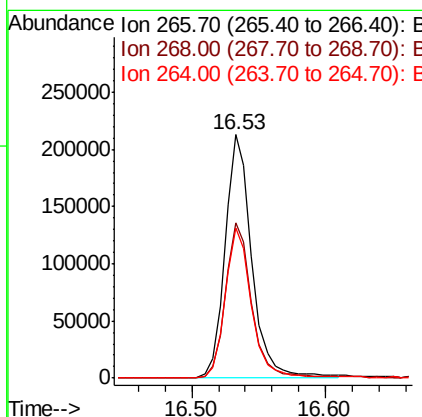
Manual Integrations
APPROVED

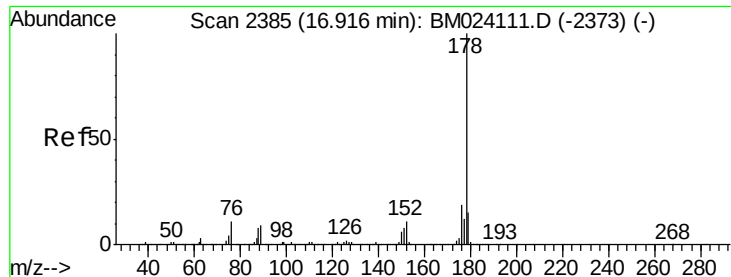
mohammad
12/17/2019 3:20:12 PM



#70
Pentachlorophenol
Concen: 19.412 ng
RT: 16.53 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	299125		
268	63.9	51.2	76.8	
264	61.5	49.6	74.4	





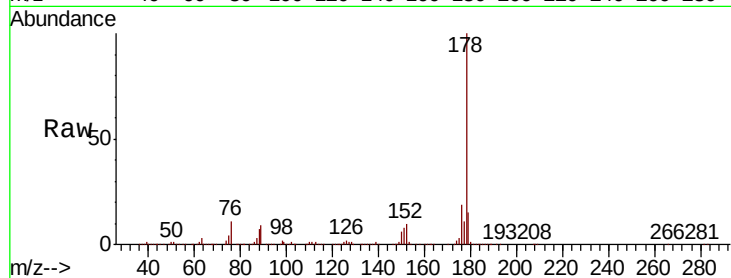
#71
Phenanthrene
Concen: 20.777 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	14.9	12.2	18.2

Manual Integrations
APPROVED

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

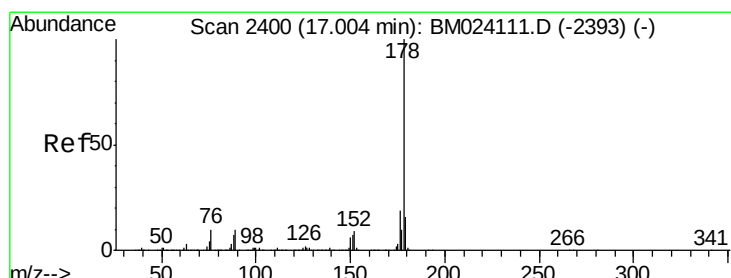
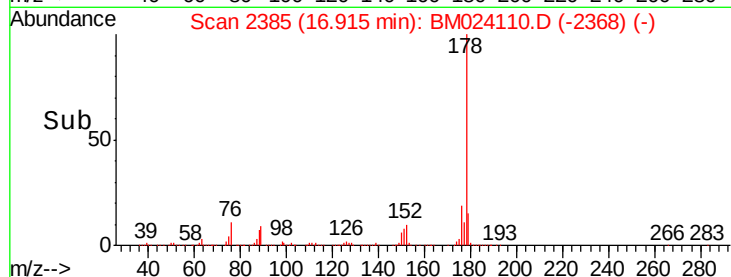
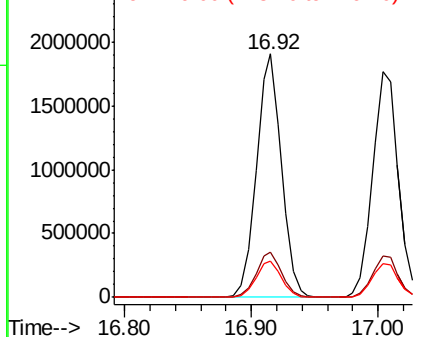


Abundance

Ion 178.00 (177.70 to 178.70): E

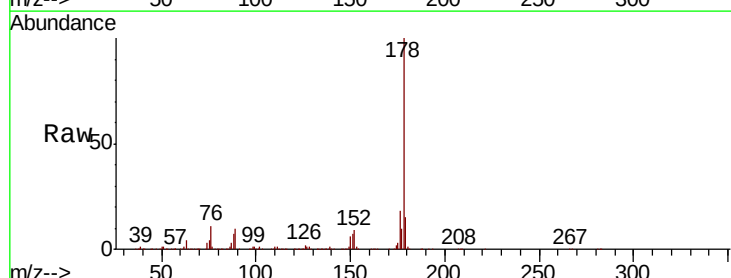
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 20.531 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.1	12.5	18.7

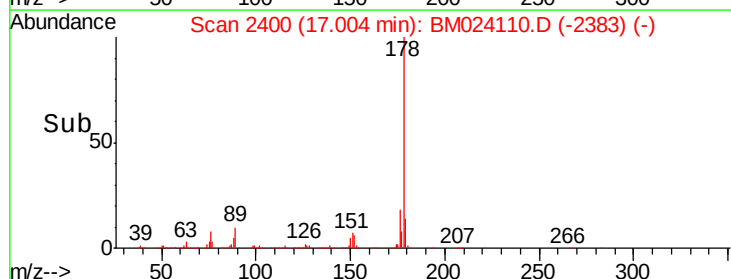
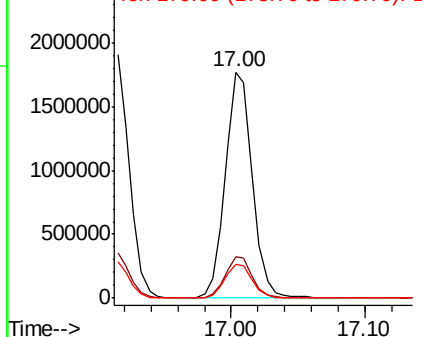


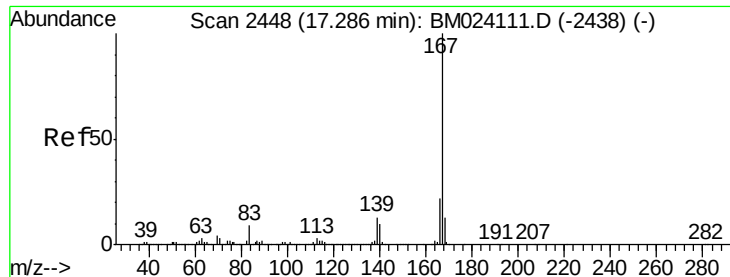
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





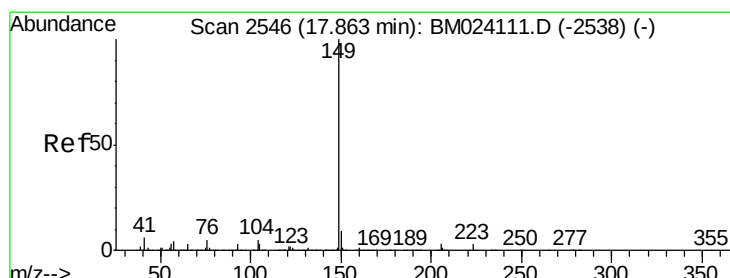
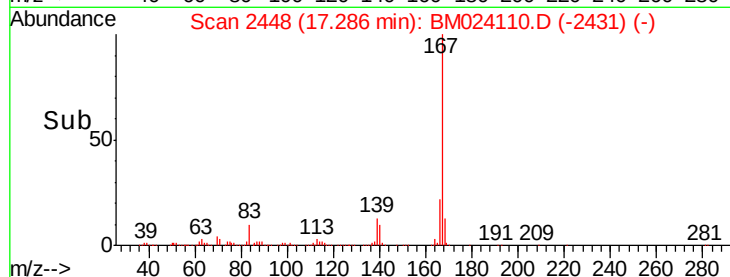
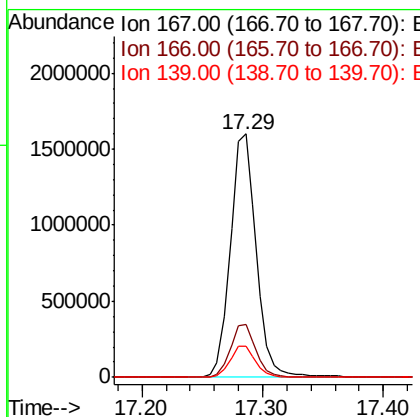
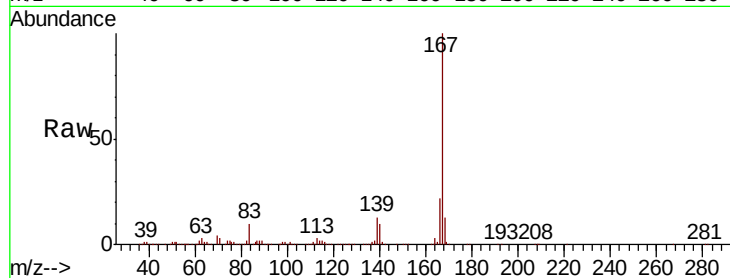
#73
 Carbazole
 Concen: 21.058 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024110.D
 Acq: 16 Dec 2019 16:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.8	10.2	15.4

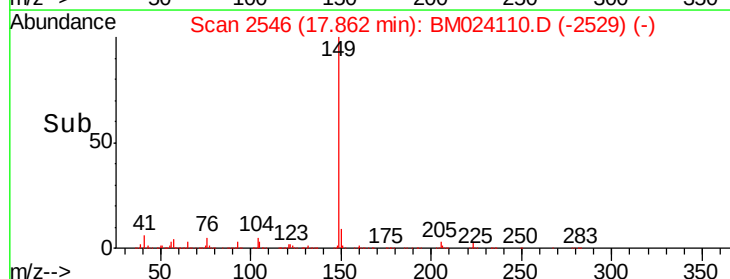
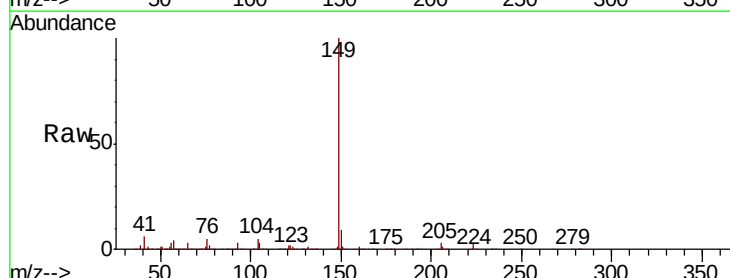
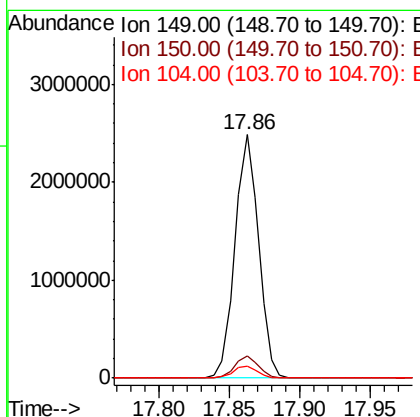
Manual Integrations
 APPROVED

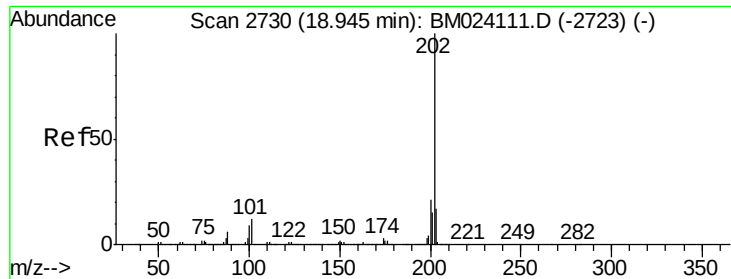
mohammad
 12/17/2019 3:20:12 PM



#74
 Di-n-butylphthalate
 Concen: 22.532 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024110.D
 Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 20.945 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tot Ion:202 Resp: 2970716

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.0

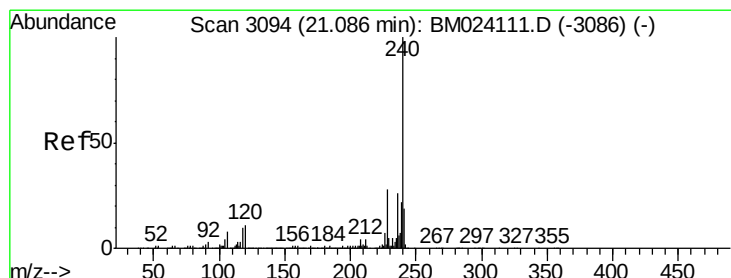
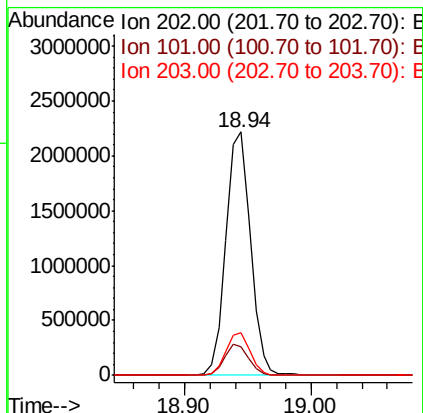
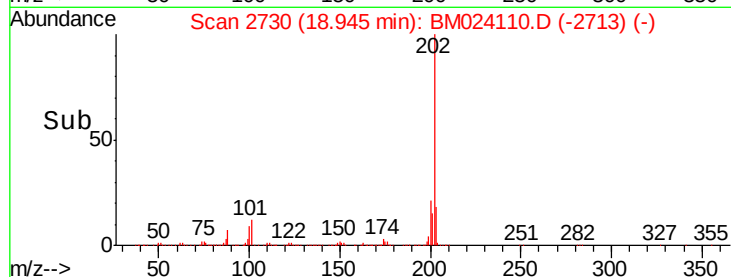
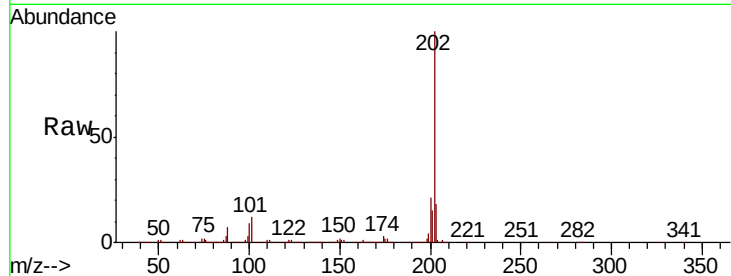
203 17.5 0.0 37.5

Manual Integrations

APPROVED

mohammad

12/17/2019 3:20:12 PM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

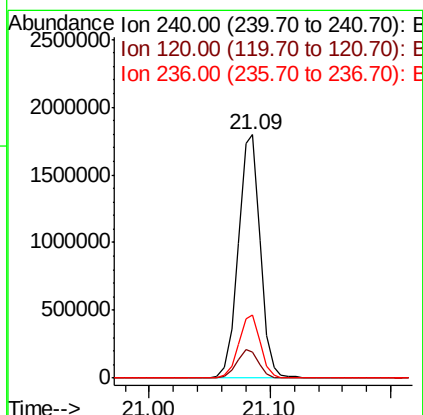
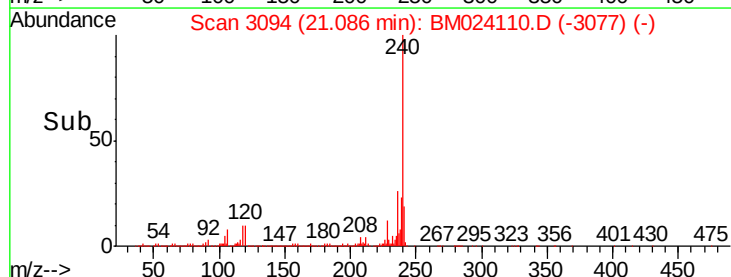
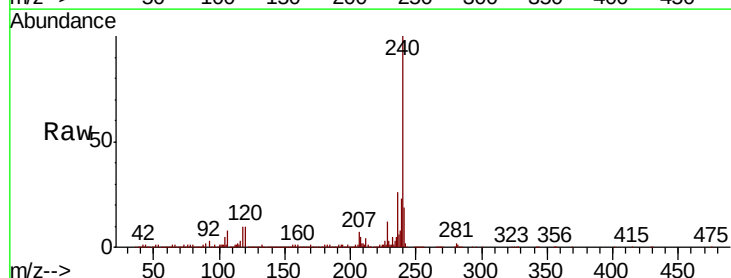
Tgt Ion:240 Resp: 2281814

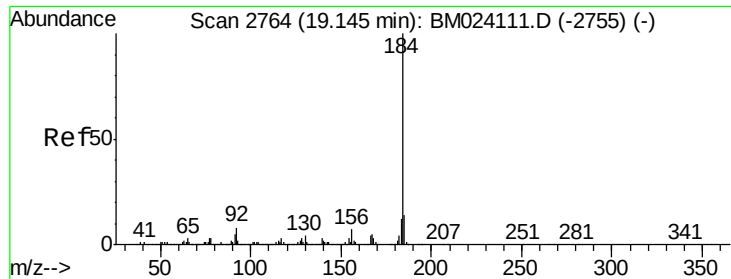
Ion Ratio Lower Upper

240 100

120 10.4 8.6 13.0

236 26.0 20.7 31.1





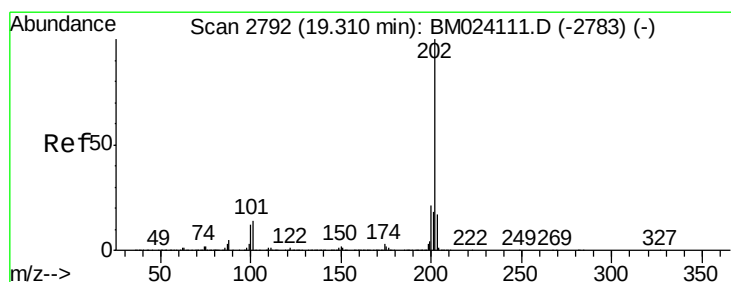
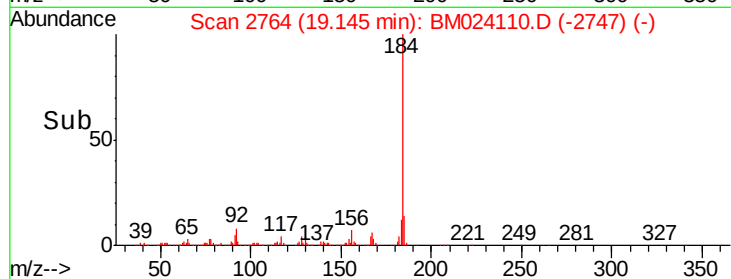
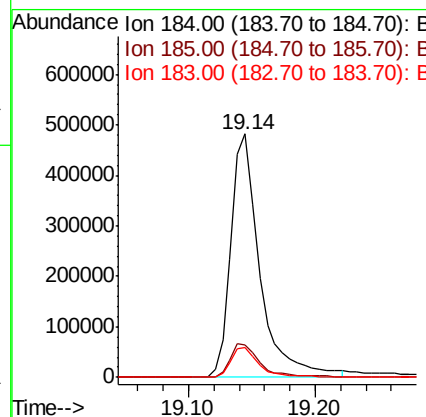
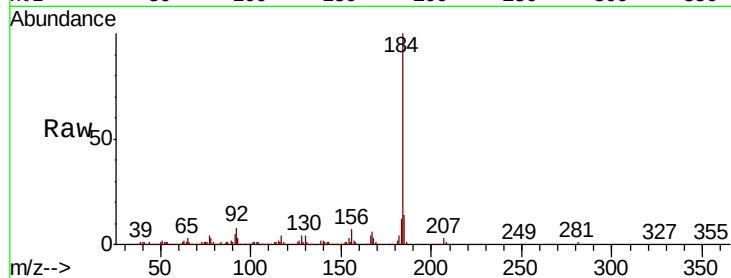
#77
Benzidine
Concen: 12.231 ng
RT: 19.14 min Scan# 2764
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.0	16.4
183	12.1	9.9	14.9

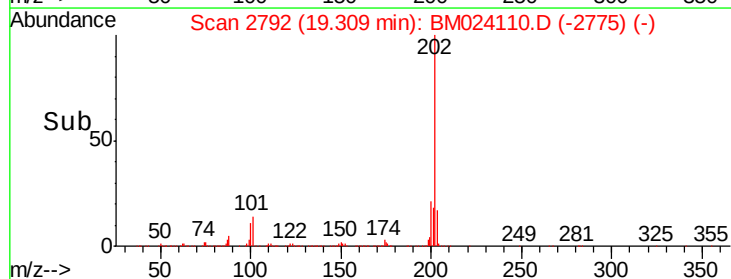
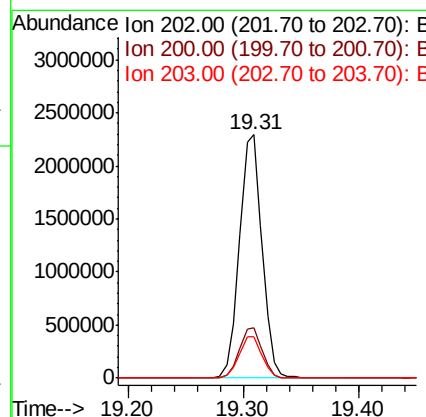
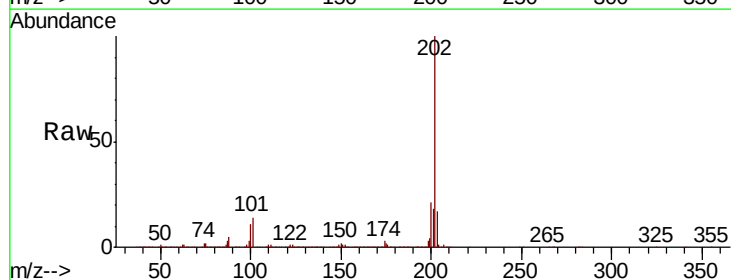
Manual Integrations
APPROVED

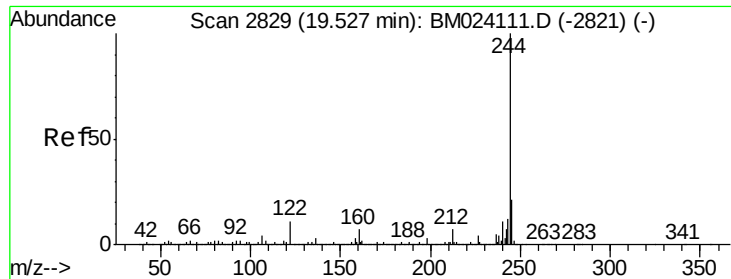
mohammad
12/17/2019 3:20:12 PM



#78
Pyrene
Concen: 20.770 ng
RT: 19.31 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	17.2	14.0	21.0





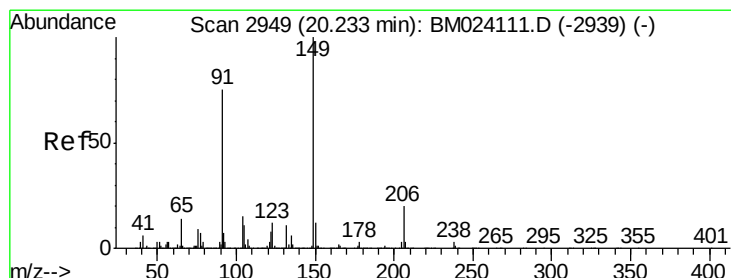
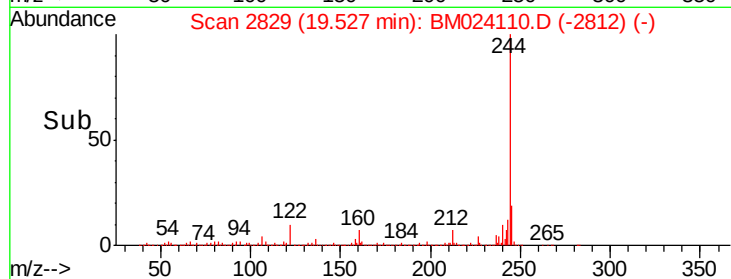
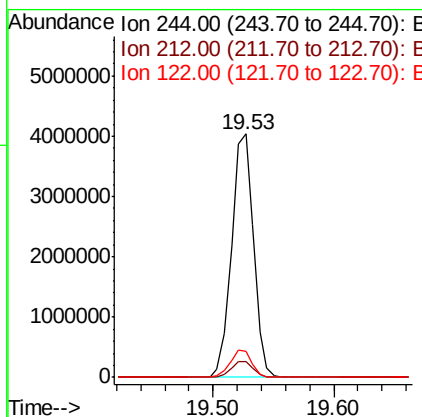
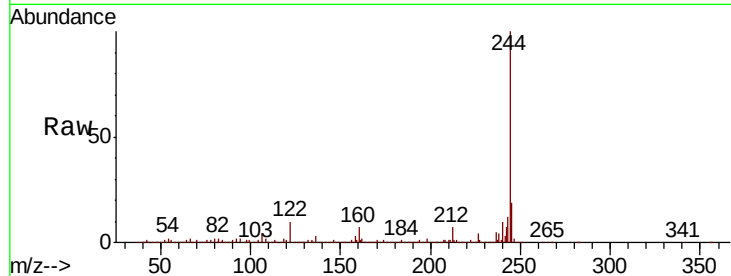
#79
 Terphenyl-d14
 Concen: 43.483 ng
 RT: 19.53 min Scan# 2829
 Delta R.T. -0.00 min
 Lab File: BM024110.D
 Acq: 16 Dec 2019 16:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion:244 Resp: 5124063
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.5 8.9 13.3

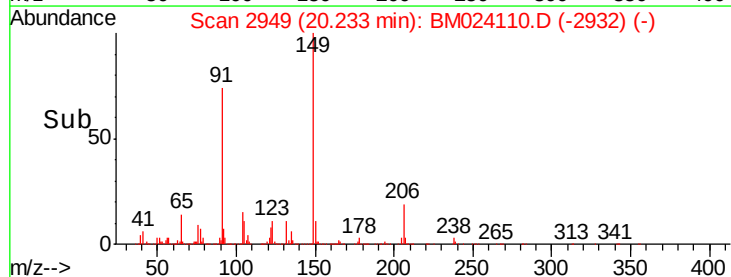
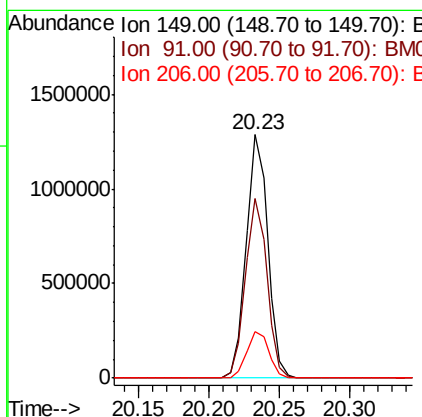
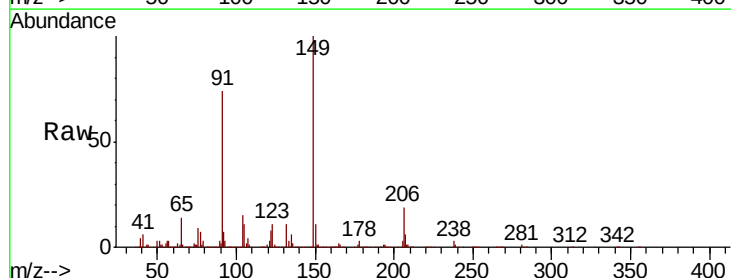
Manual Integrations
 APPROVED

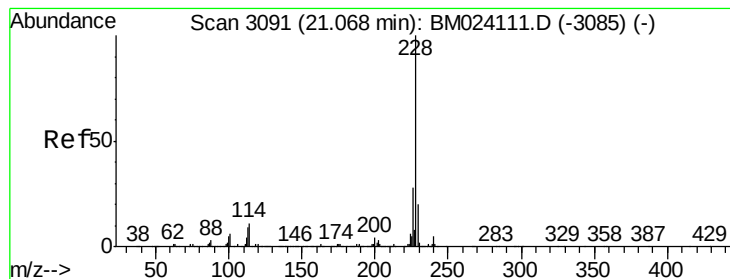
mohammad
 12/17/2019 3:20:12 PM



#80
 Butylbenzylphthalate
 Concen: 24.211 ng
 RT: 20.23 min Scan# 2949
 Delta R.T. -0.00 min
 Lab File: BM024110.D
 Acq: 16 Dec 2019 16:09

Tgt Ion:149 Resp: 1375986
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.7 89.5
 206 19.3 16.0 24.0





#81

Benzo(a)anthracene

Concen: 20.928 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:228 Resp: 3094963

Ion Ratio Lower Upper

228 100

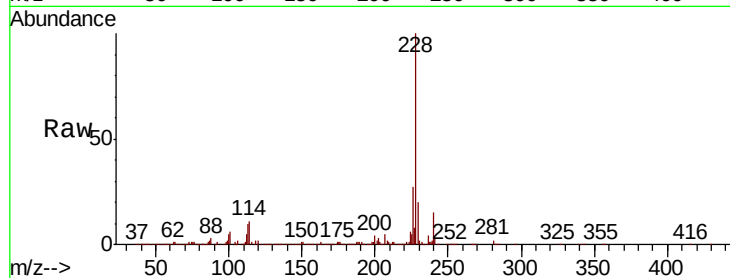
226 27.3 22.1 33.1

229 19.6 16.1 24.1

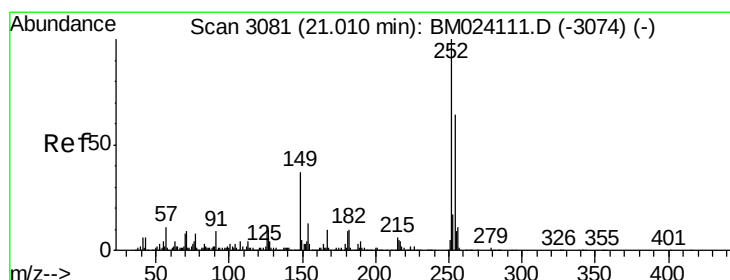
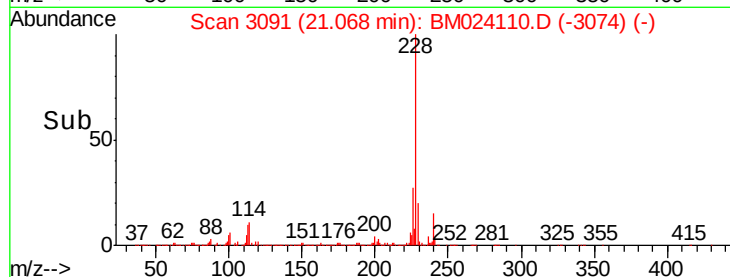
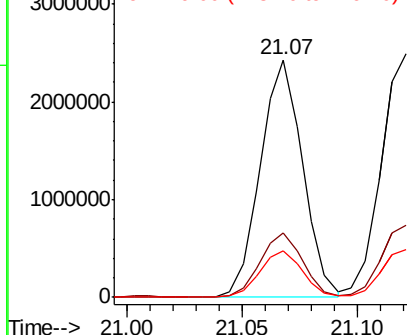
Manual Integrations
APPROVED

mohammad

12/17/2019 3:20:12 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: 21.176 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024110.D

Acq: 16 Dec 2019 16:09

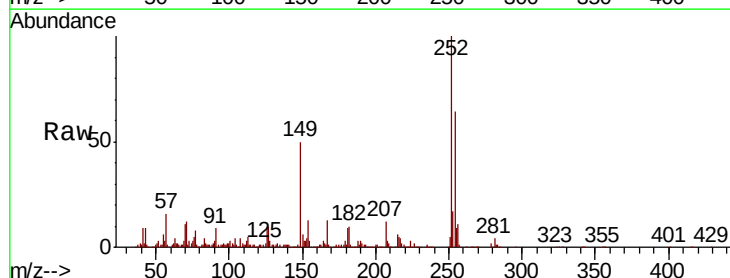
Tgt Ion:252 Resp: 1110598

Ion Ratio Lower Upper

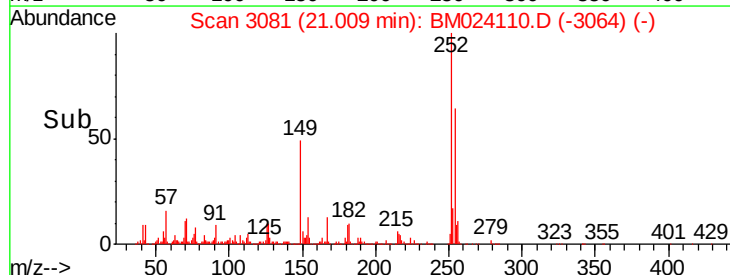
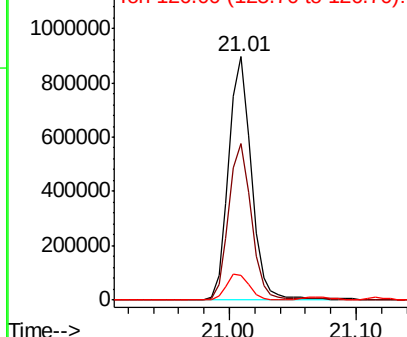
252 100

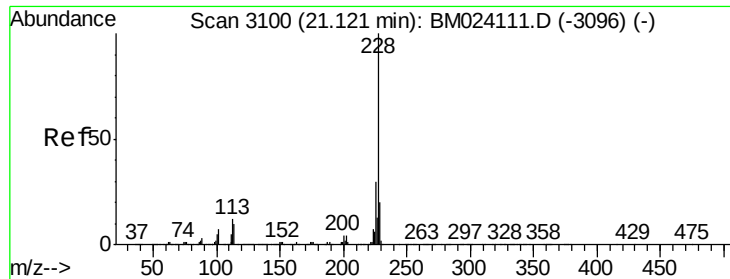
254 64.3 51.3 76.9

126 10.4 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





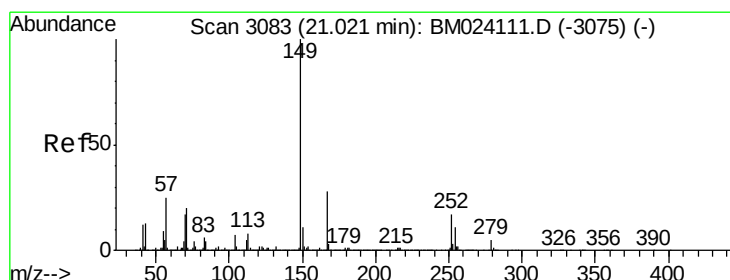
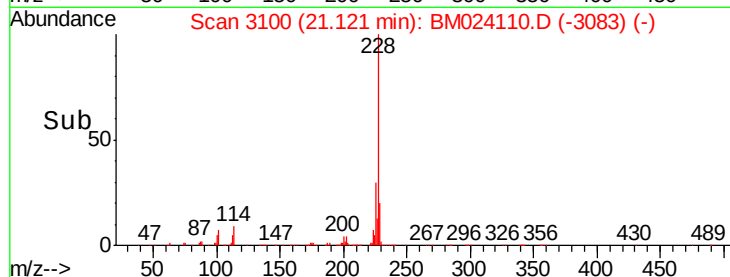
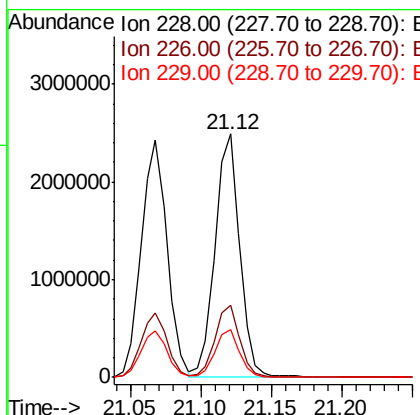
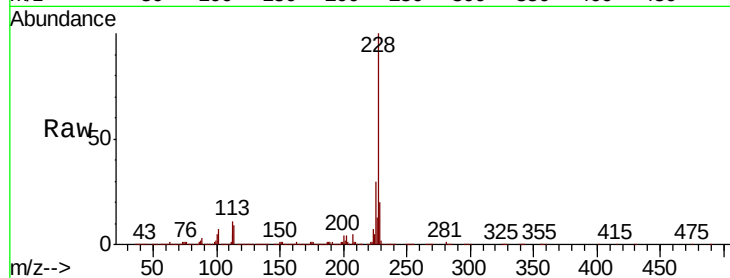
#83
Chrysene
Concen: 21.054 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion:228 Resp: 3018635
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.6 16.1 24.1

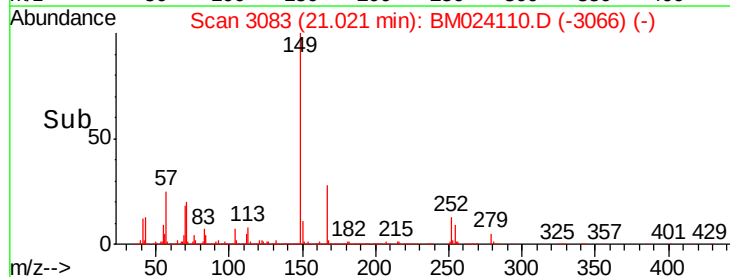
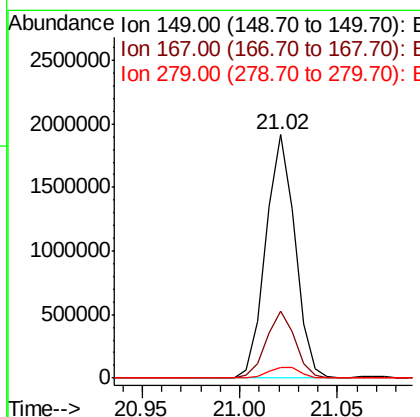
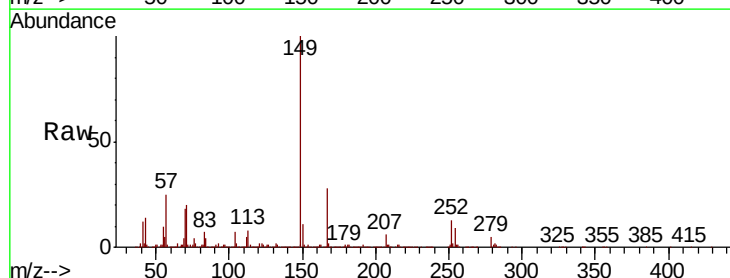
Manual Integrations
APPROVED

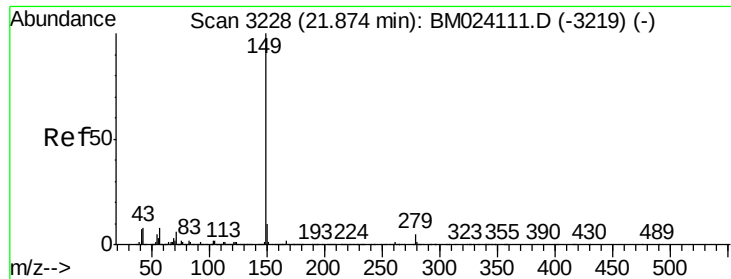
mohammad
12/17/2019 3:20:12 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.545 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion:149 Resp: 1982666
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.6 3.9 5.9





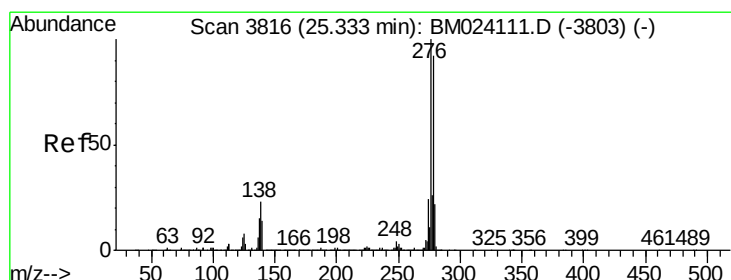
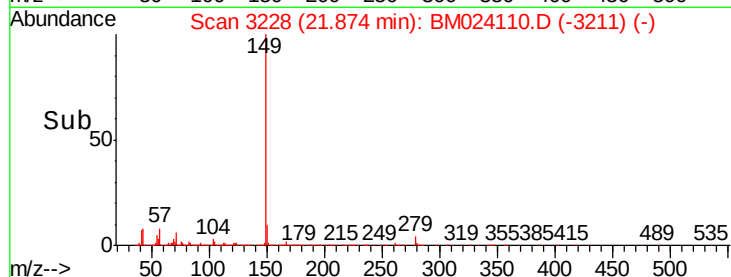
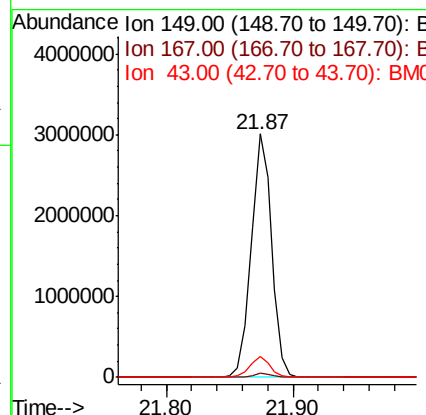
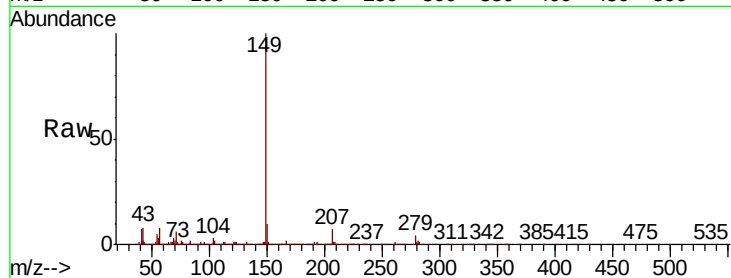
#85
Di-n-octyl phthalate
Concen: 24.945 ng
RT: 21.87 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.3	6.6	9.8

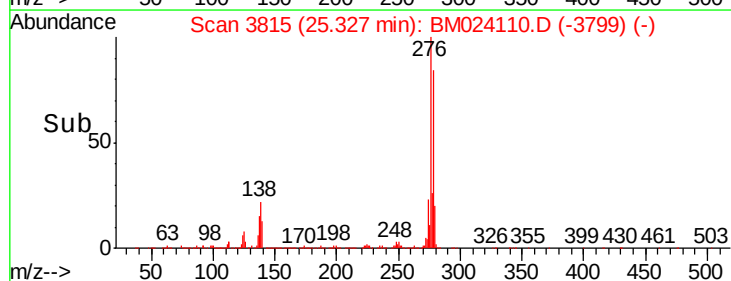
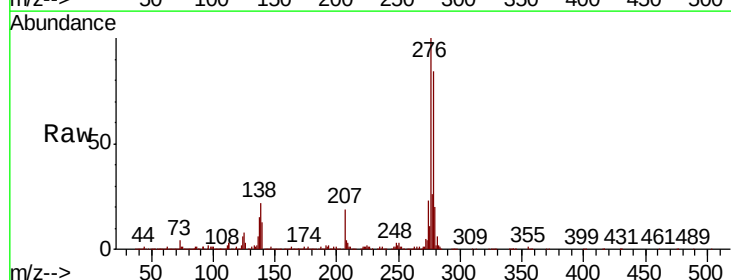
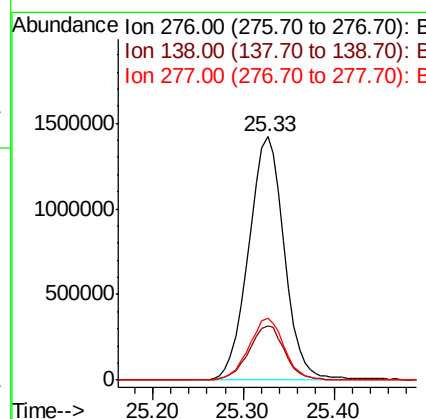
Manual Integrations
APPROVED

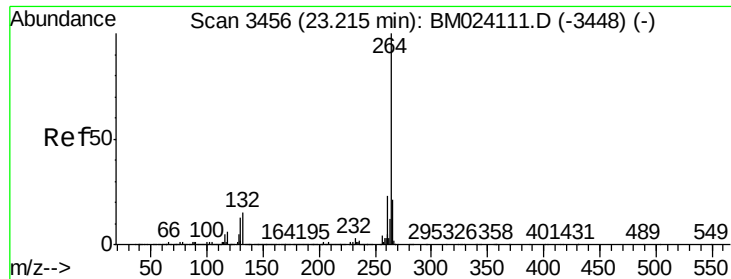
mohammad
12/17/2019 3:20:12 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 22.658 ng
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	0.0	0.0#
277	25.2	0.0	0.0#





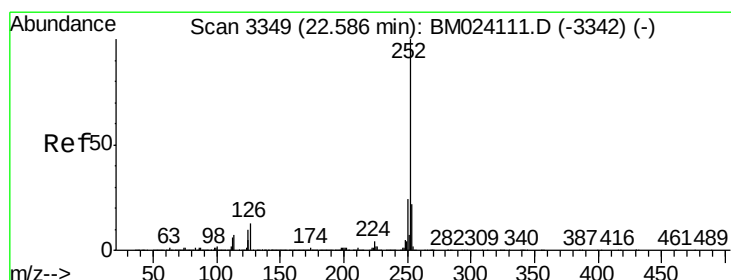
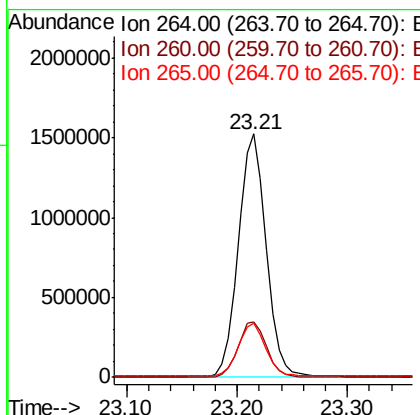
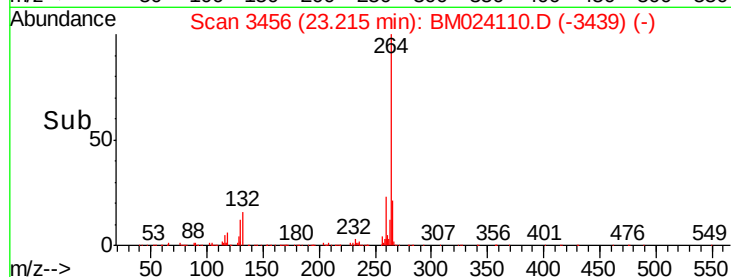
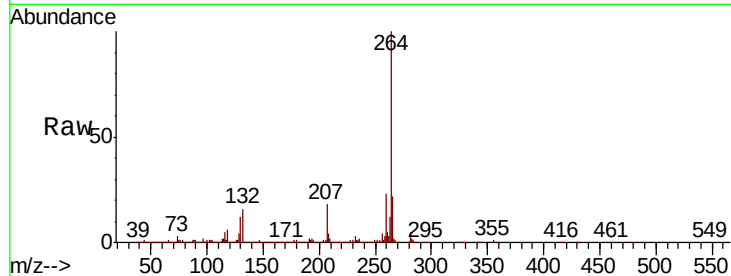
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.21 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.0	17.4	26.0

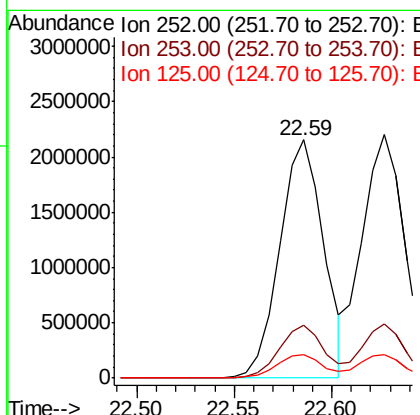
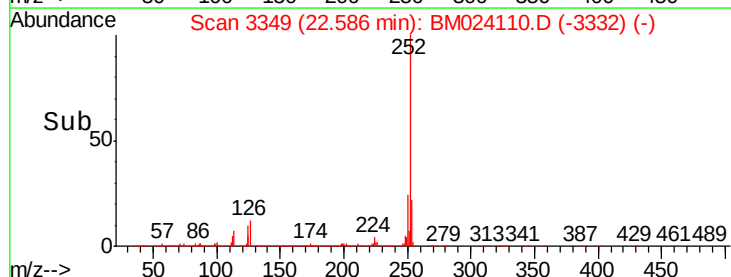
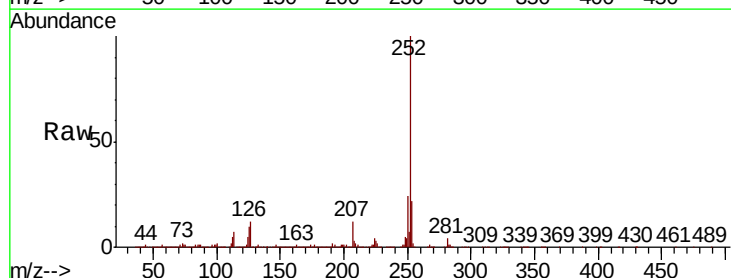
Manual Integrations
APPROVED

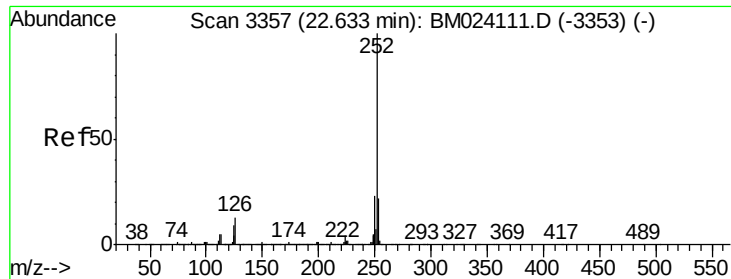
mohammad
12/17/2019 3:20:12 PM



#88
Benzo(b)fluoranthene
Concen: 20.392 ng
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.7	7.9	11.9





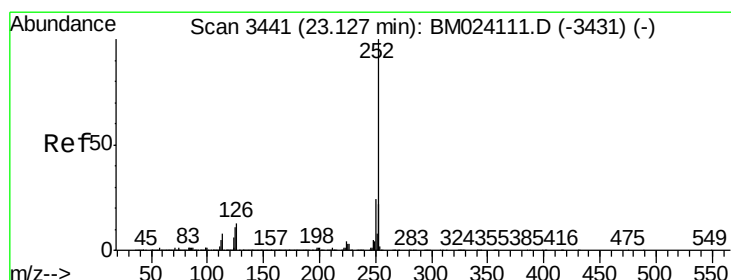
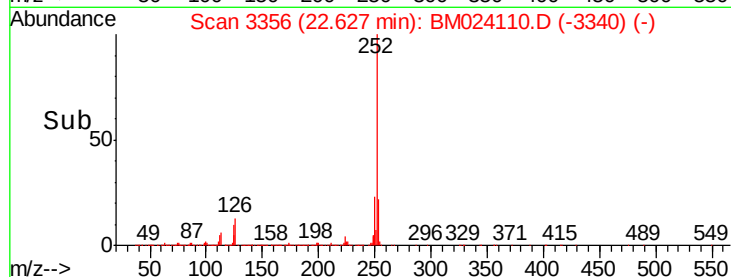
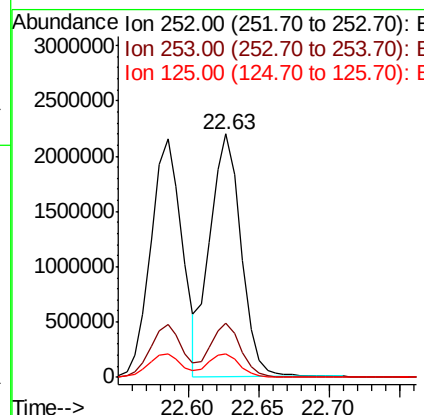
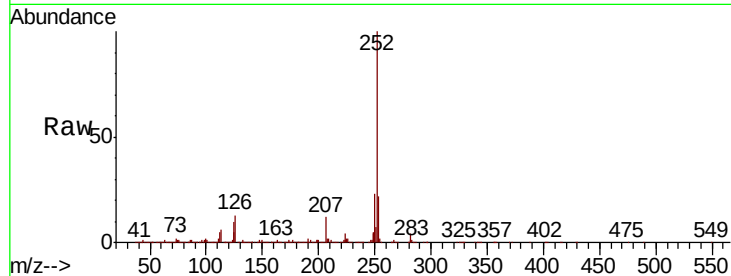
#89
Benzo(k)fluoranthene
Concen: 20.676 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.7	7.3	10.9

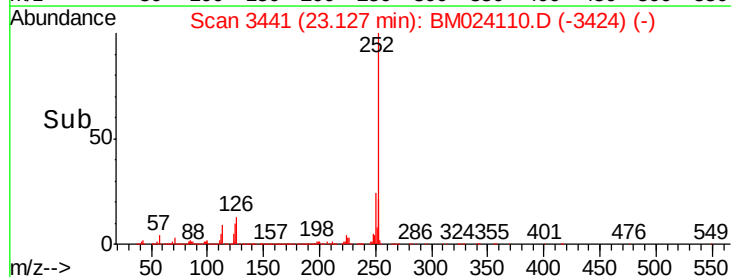
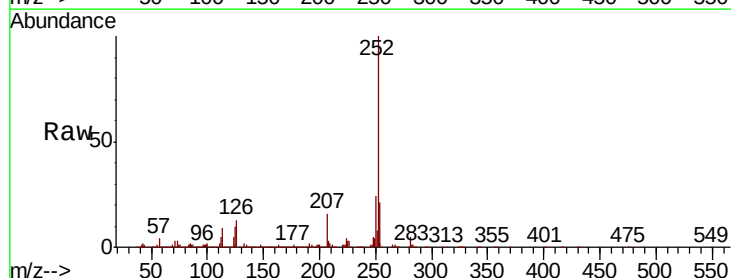
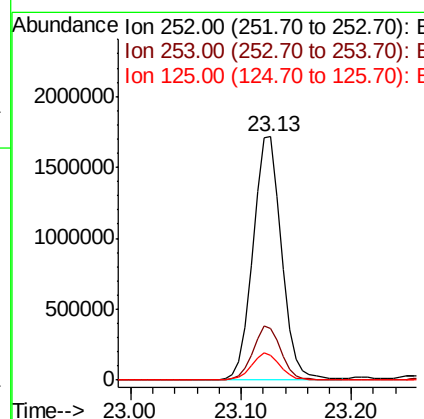
Manual Integrations
APPROVED

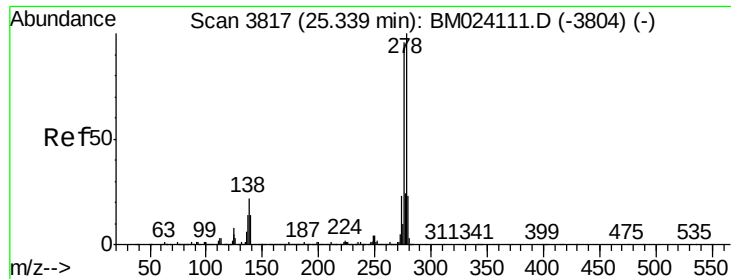
mohammad
12/17/2019 3:20:12 PM



#90
Benzo(a)pyrene
Concen: 20.685 ng
RT: 23.13 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.2	8.5	12.7





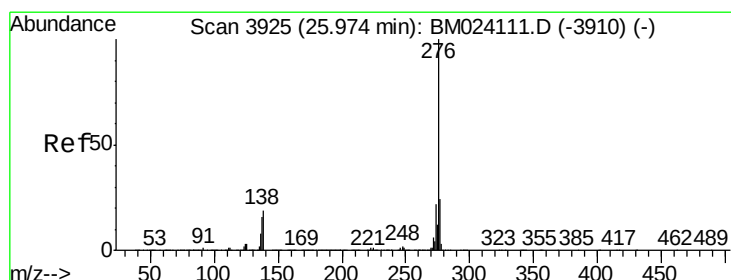
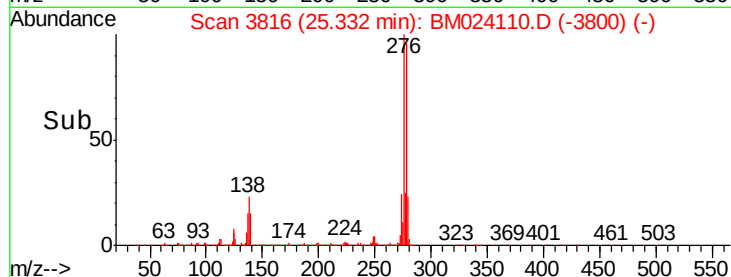
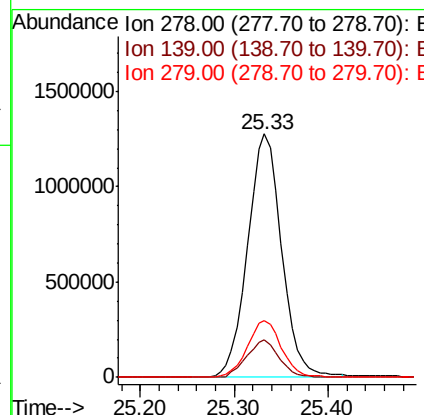
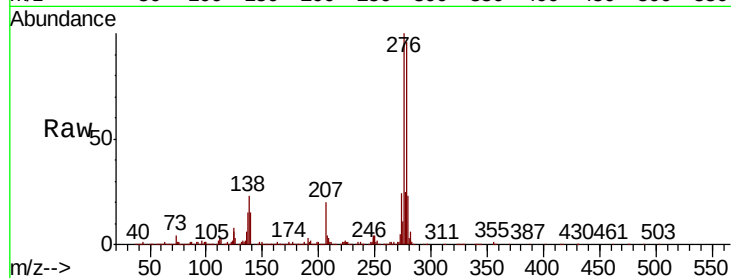
#91
Dibenzo(a,h)anthracene
Concen: 20.264 ng
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.4	17.2
279	23.6	18.8	28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 20.592 ng
RT: 25.96 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BM024110.D
Acq: 16 Dec 2019 16:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	18.4	15.4	23.0

