

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118583.D
 Acq On : 20 Jan 2020 11:09
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

mohammad
 1/21/2020 2:25:47 PM

Quant Time: Jan 20 12:29:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	448432	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1662683	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	933579	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1695163	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1402257	20.00	ng	0.00
87) Perylene-d12	15.52	264	1235265	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1183682	48.77	ng	0.00
7) Phenol-d6	6.50	99	1521247	47.84	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1348655	50.10	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	494654	47.93	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2764476	53.46	ng	0.00
79) Terphenyl-d14	12.99	244	3305453	46.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	273223	23.430	ng	99
3) Pyridine	3.43	79	759890	23.595	ng	100
4) n-Nitrosodimethylamine	3.36	42	327596	22.177	ng	99
6) Aniline	6.54	93	970906	23.326	ng	100
8) 2-Chlorophenol	6.66	128	652573	23.642	ng	98
9) Benzaldehyde	6.43	77	473561	29.090	ng	98
10) Phenol	6.51	94	855953m	24.533	ng	
11) bis(2-Chloroethyl)ether	6.61	93	628694	22.498	ng	99
12) 1,3-Dichlorobenzene	6.82	146	767376	23.379	ng	96
13) 1,4-Dichlorobenzene	6.90	146	771360	23.392	ng	99
14) 1,2-Dichlorobenzene	7.06	146	737127	23.893	ng	97
15) Benzyl Alcohol	7.02	79	591209	22.653	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	879873	21.464	ng	99
17) 2-Methylphenol	7.13	107	523625	22.350	ng	98
18) Hexachloroethane	7.40	117	272431	22.671	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	497420	21.812	ng	99
20) 3+4-Methylphenols	7.27	107	685581	24.470	ng	# 76
22) Acetophenone	7.29	105	951645	23.586	ng	# 99
24) Nitrobenzene	7.46	77	698281	24.391	ng	97
25) Isophorone	7.70	82	1212135	20.746	ng	98
26) 2-Nitrophenol	7.77	139	260305	23.013	ng	94
27) 2,4-Dimethylphenol	7.81	122	494103	21.264	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	807086	21.499	ng	99
29) 2,4-Dichlorophenol	8.02	162	553237	21.630	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	672630	22.566	ng	98
31) Naphthalene	8.19	128	1876239	23.928	ng	98
32) Benzoic acid	7.90	122	305767	21.418	ng	97
33) 4-Chloroaniline	8.23	127	818710	22.472	ng	98
34) Hexachlorobutadiene	8.31	225	406309	21.854	ng	99
35) Caprolactam	8.58	113	169933m	21.357	ng	
36) 4-Chloro-3-methylphenol	8.70	107	554606	21.873	ng	98
37) 2-Methylnaphthalene	8.88	142	1291190	23.243	ng	99
38) 1-Methylnaphthalene	8.98	142	1233955	23.479	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	693999	23.047	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118583.D
 Acq On : 20 Jan 2020 11:09
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

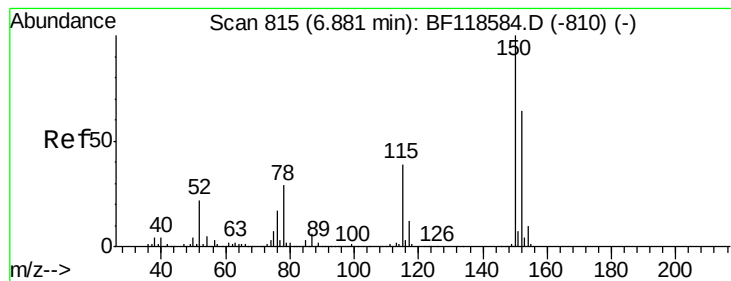
Manual Integrations
 APPROVED

mohammad
 1/21/2020 2:25:47 PM

Quant Time: Jan 20 12:29:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	331675	21.082	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	435679	22.709	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	437094	22.534	nq	97
46) 1,1'-Biphenyl	9.34	154	1625733	24.371	nq	97
47) 2-Chloronaphthalene	9.37	162	1312855	23.350	nq	96
48) 2-Nitroaniline	9.45	65	360317	24.639	nq	94
49) Acenaphthylene	9.78	152	1894190	23.860	nq	96
50) Dimethylphthalate	9.64	163	1446010	22.559	nq	98
51) 2,6-Dinitrotoluene	9.70	165	282689	23.114	nq	89
52) Acenaphthene	9.96	154	1222133	23.500	nq	99
53) 3-Nitroaniline	9.86	138	334187	24.121	nq	99
54) 2,4-Dinitrophenol	9.96	184	95592	23.243	nq	# 1
55) Dibenzofuran	10.13	168	1751439	23.798	nq	97
56) 4-Nitrophenol	10.01	139	249421	24.371	nq	95
57) 2,4-Dinitrotoluene	10.10	165	347135	23.357	nq	96
58) Fluorene	10.47	166	1401665	24.594	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	381709	23.003	nq	98
60) Diethylphthalate	10.34	149	1399848	22.370	nq	97
61) 4-Chlorophenyl-phenylether	10.46	204	740826	23.761	nq	99
62) 4-Nitroaniline	10.47	138	346686	25.195	nq	97
63) Azobenzene	10.62	77	1390437	22.798	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	136177	22.444	nq	99
66) n-Nitrosodiphenylamine	10.57	169	1231267	22.605	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	474710	20.920	nq	# 94
68) Hexachlorobenzene	11.02	284	543152	21.600	nq	96
69) Atrazine	11.10	200	404350	25.725	nq	99
70) Pentachlorophenol	11.21	266	276860	22.403	nq	98
71) Phenanthrene	11.43	178	2068315	24.274	nq	95
72) Anthracene	11.48	178	2049612	24.110	nq	96
73) Carbazole	11.63	167	1836661	23.955	nq	97
74) Di-n-butylphthalate	11.97	149	2063223	21.654	nq	99
75) Fluoranthene	12.62	202	2194245	23.946	nq	97
77) Benzidine	12.73	184	975531	28.633	nq	99
78) Pyrene	12.84	202	2261532	21.609	nq	95
80) Butylbenzylphthalate	13.47	149	833119	18.570	nq	97
81) Benzo(a)anthracene	14.03	228	2069075	23.377	nq	98
82) 3,3'-Dichlorobenzidine	13.99	252	729859	23.503	nq	97
83) Chrysene	14.07	228	1963891	23.067	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1085743	19.498	nq	99
85) Di-n-octyl phthalate	14.64	149	1567861	18.387	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1397494	16.680	nq	99
88) Benzo(b)fluoranthene	15.09	252	1748416	21.732	nq	98
89) Benzo(k)fluoranthene	15.12	252	1744256	23.989	nq	99
90) Benzo(a)pyrene	15.45	252	1516892	21.668	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1165658	17.828	nq	100
92) Benzo(g,h,i)perylene	17.43	276	1085273	17.184	nq	99

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



#1

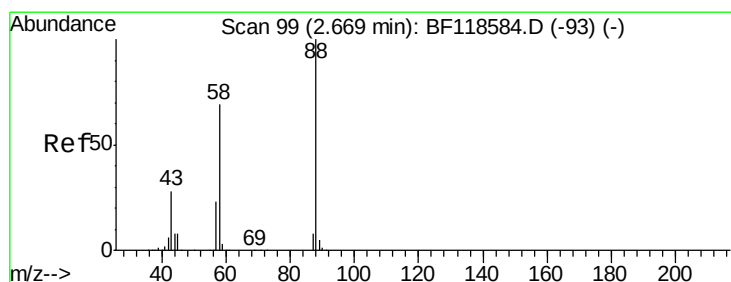
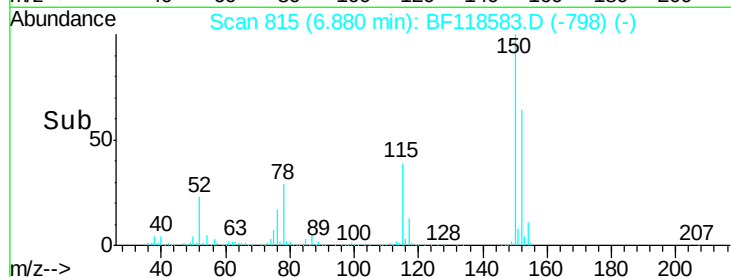
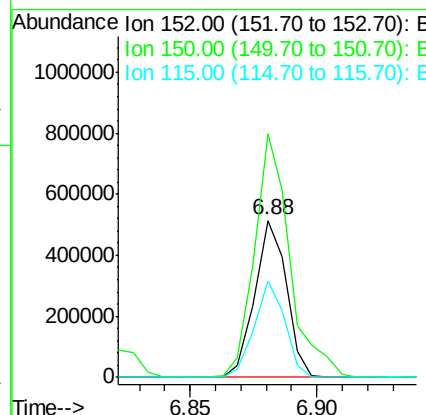
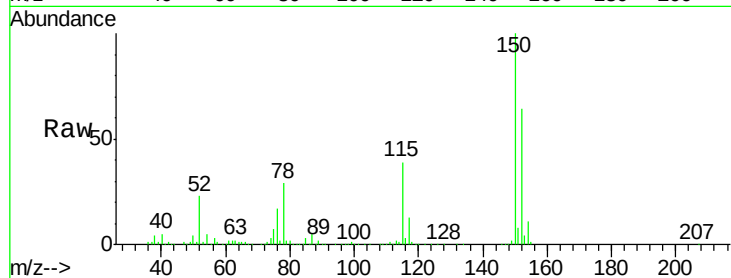
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.6	188.4
115	61.4	48.4	72.6

Manual Integrations
APPROVED

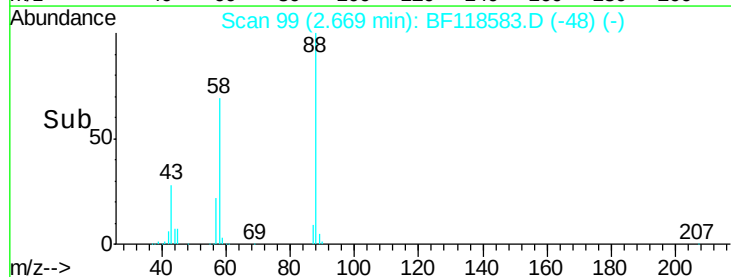
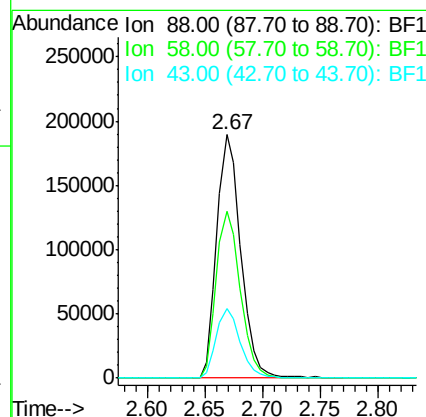
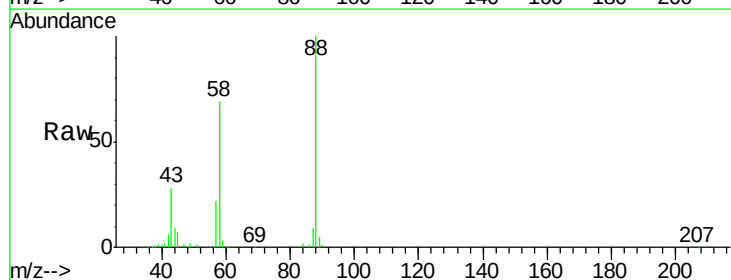
mohammad
1/21/2020 2:25:47 PM

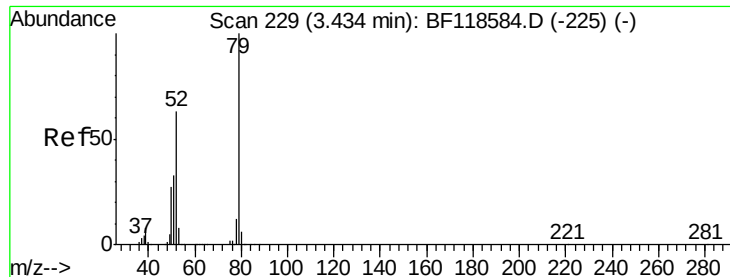


#2

1,4-Dioxane
Concen: 23.430 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	56.1	84.1
43	28.9	23.0	34.6





#3

Pvridine

Concen: 23.595 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.00 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

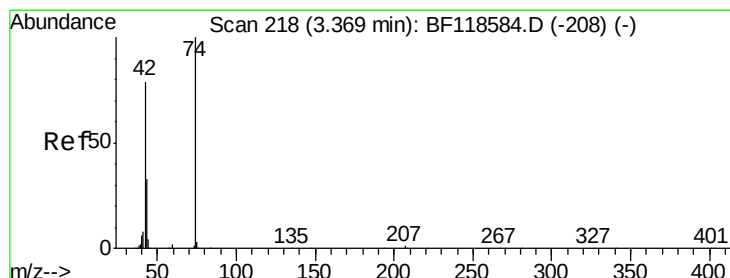
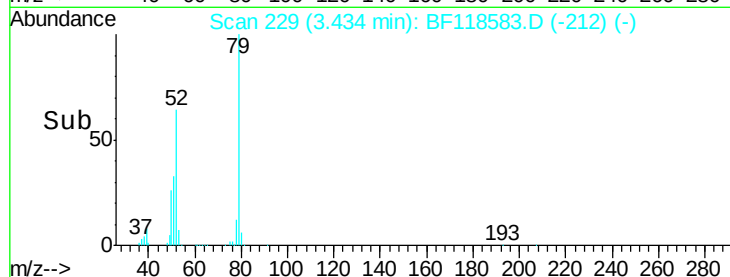
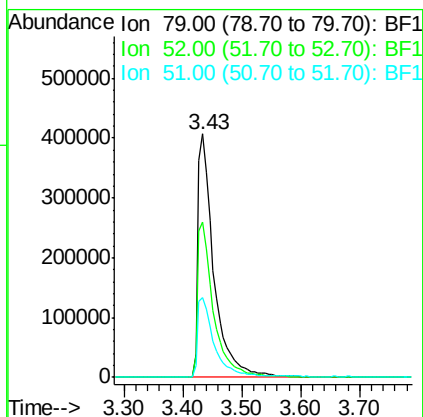
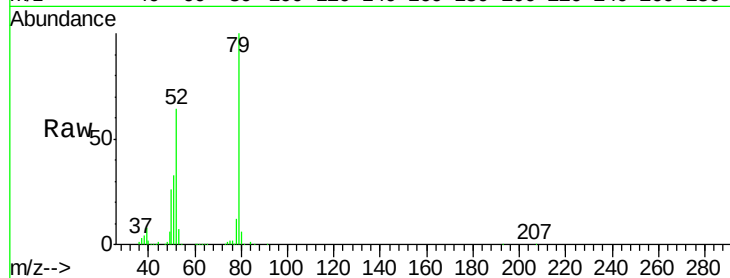
ClientSampleId :

SSTDICC020

Tot Ion:	79	Resp:	759890
Ion	Ratio	Lower	Upper
79	100		
52	63.5	50.7	76.1
51	32.9	26.6	40.0

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#4

n-Nitrosodimethylamine

Concen: 22.177 ng

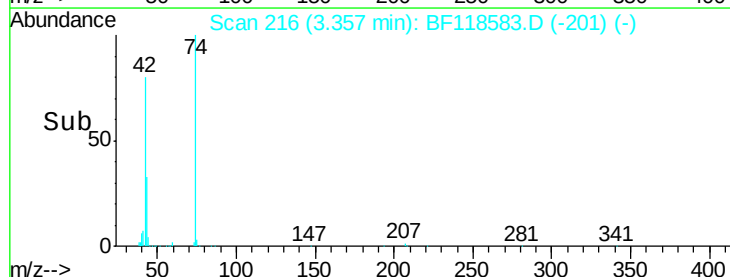
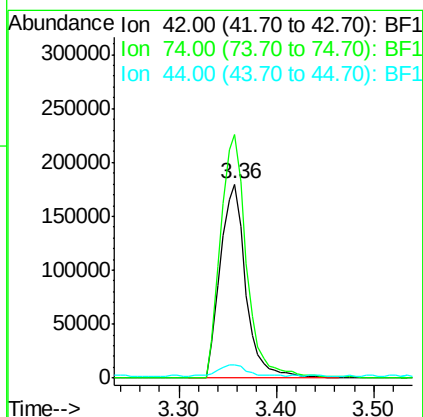
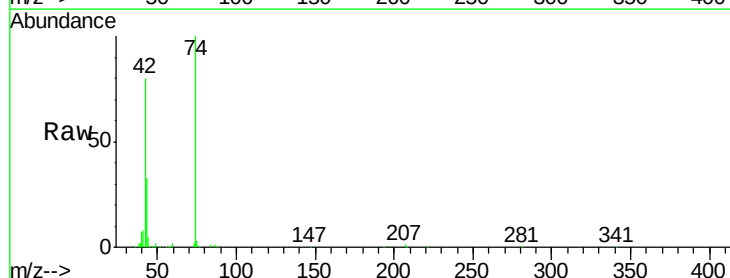
RT: 3.36 min Scan# 216

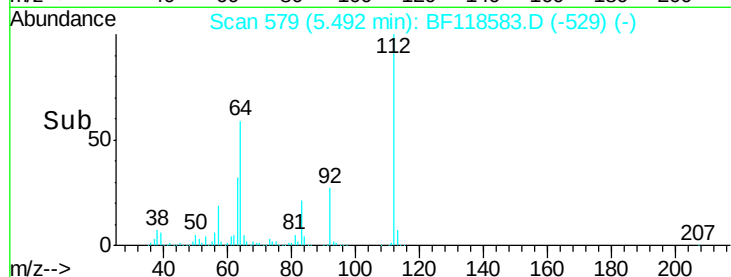
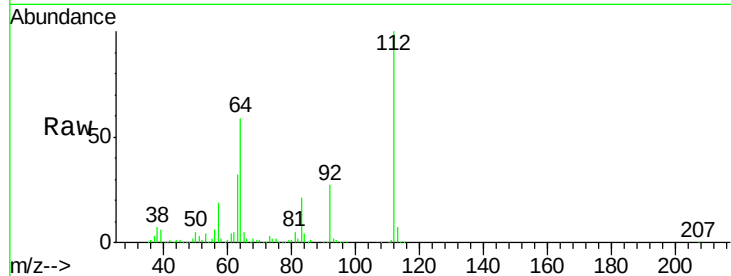
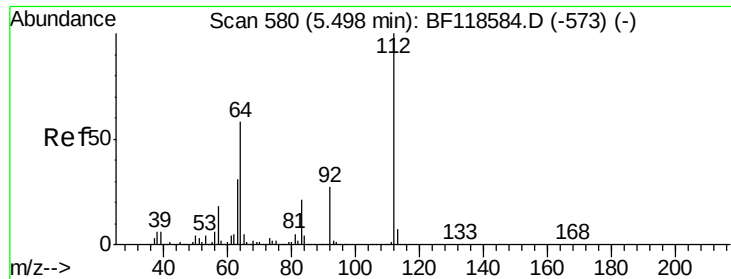
Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	42	Resp:	327596
Ion	Ratio	Lower	Upper
42	100		
74	125.3	101.6	152.4
44	6.7	4.9	7.3





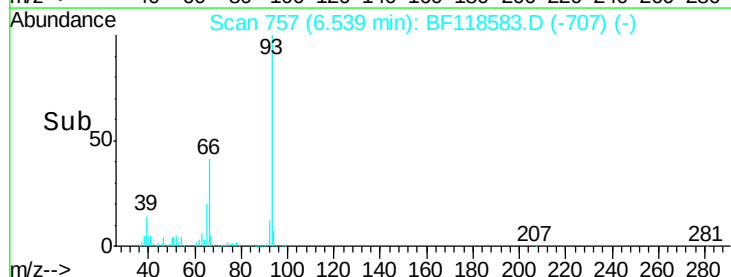
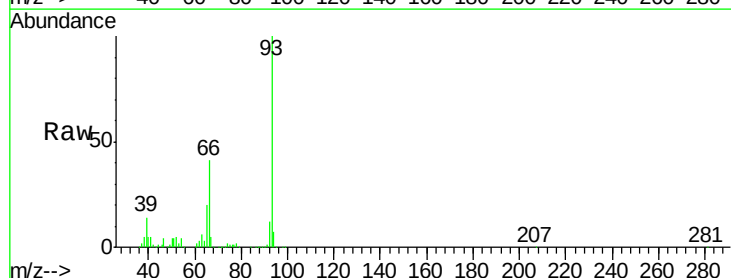
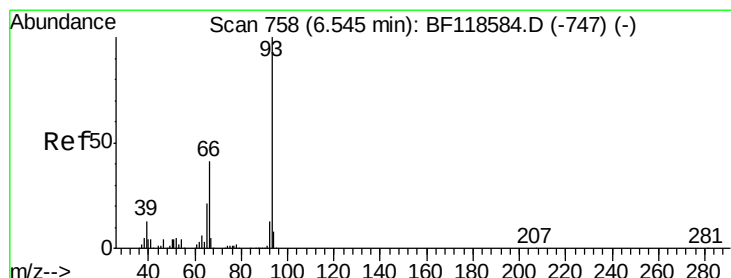
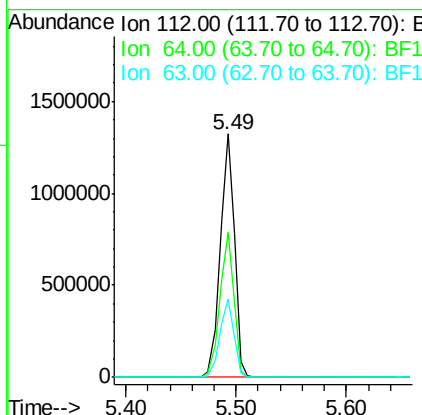
#5
2-Fluorophenol
Concen: 48.772 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1183682		
64	59.4	46.6	70.0	
63	32.1	25.1	37.7	

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

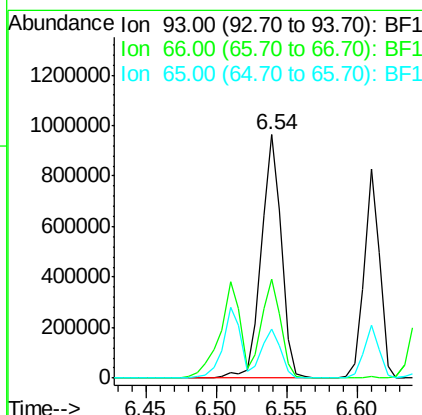
Manual Integrations
APPROVED

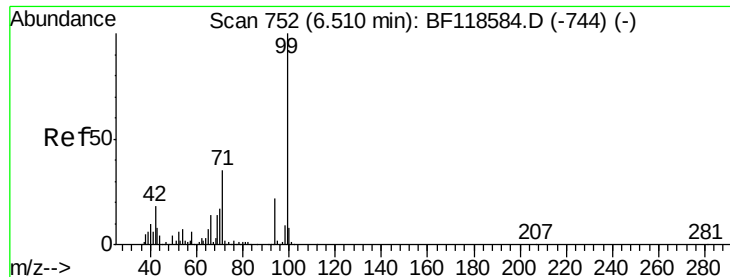
mohammad
1/21/2020 2:25:47 PM



#6
Aniline
Concen: 23.326 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	970906		
66	40.7	32.8	49.2	
65	20.4	16.5	24.7	





#7

Phenol-d6

Concen: 47.837 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion: 99 Resp: 1521247

Ion Ratio Lower Upper

99 100

42 18.8 14.2 21.2

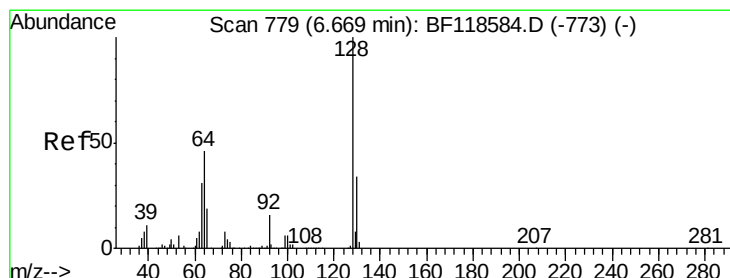
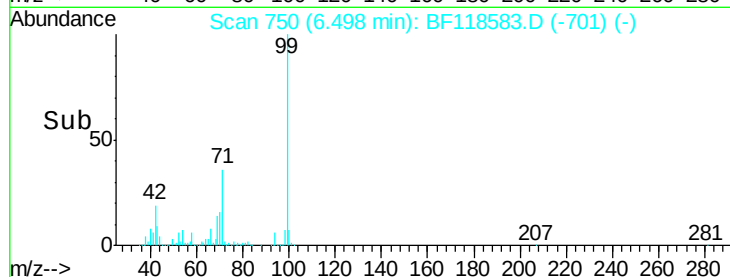
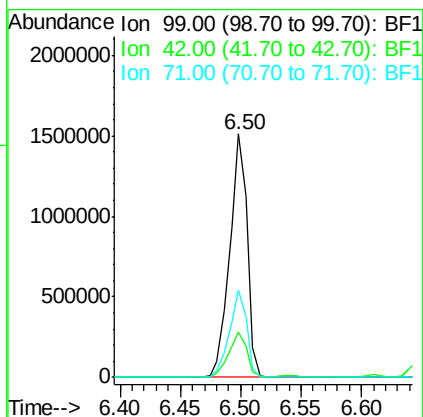
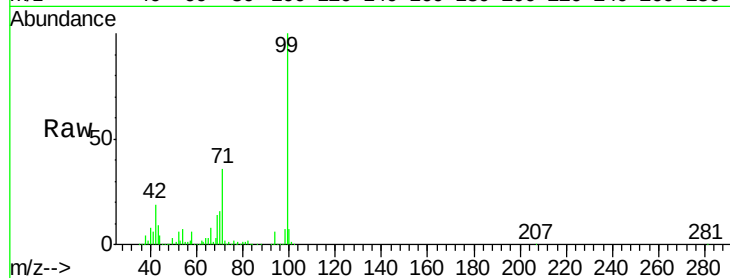
71 35.7 27.8 41.6

Manual Integrations

APPROVED

mohammad

1/21/2020 2:25:47 PM



#8

2-Chlorophenol

Concen: 23.642 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

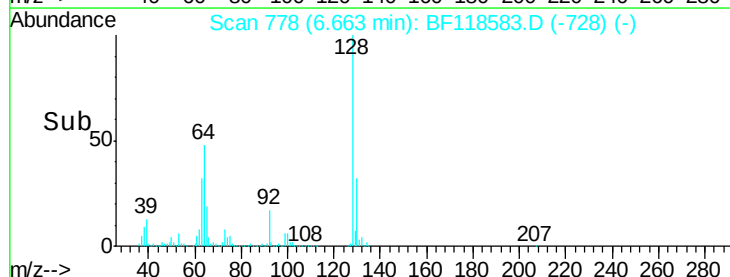
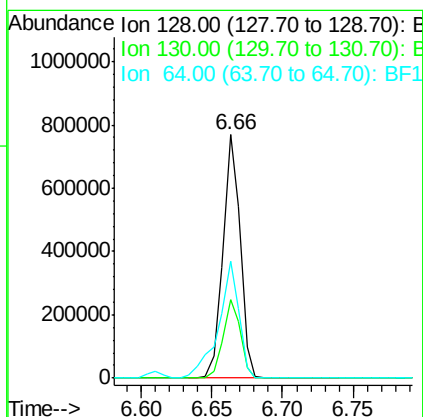
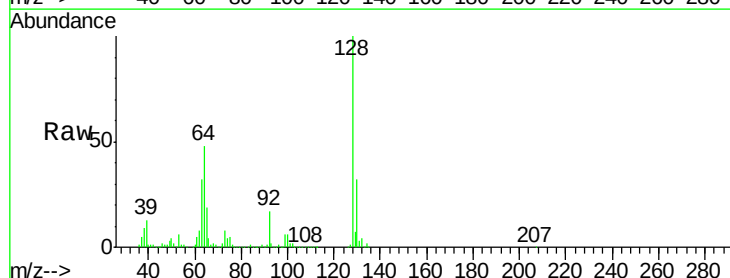
Tgt Ion: 128 Resp: 652573

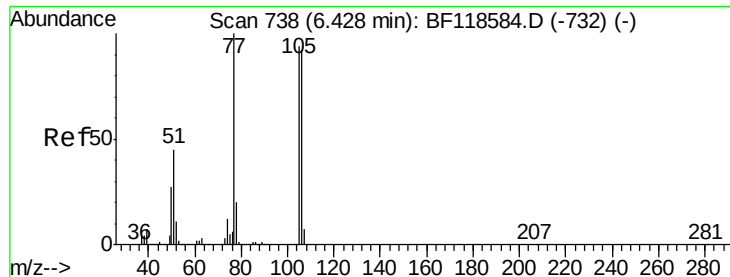
Ion Ratio Lower Upper

128 100

130 32.4 13.6 53.6

64 47.9 26.4 66.4





#9

Benzaldehyde

Concen: 29.090 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

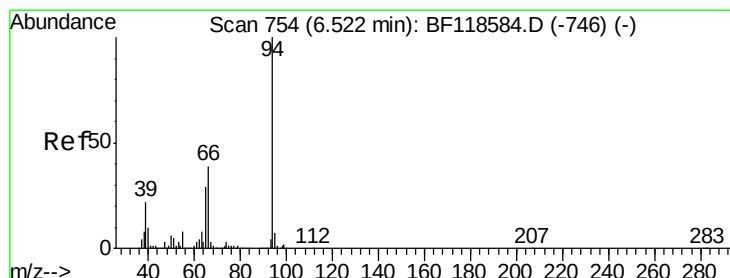
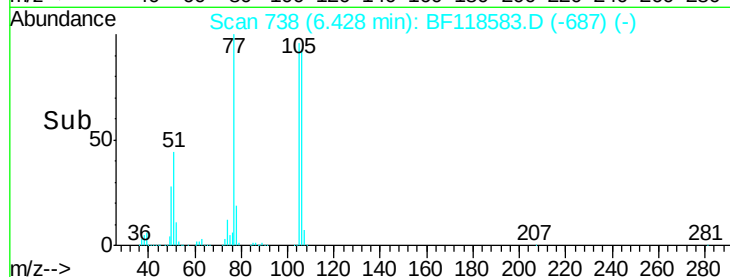
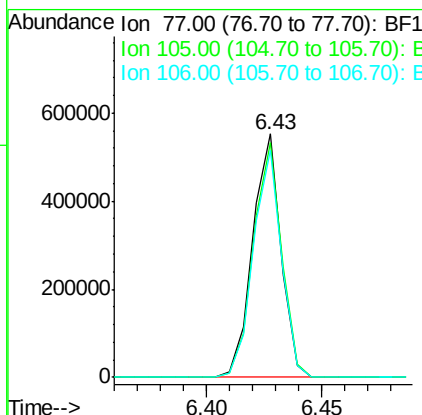
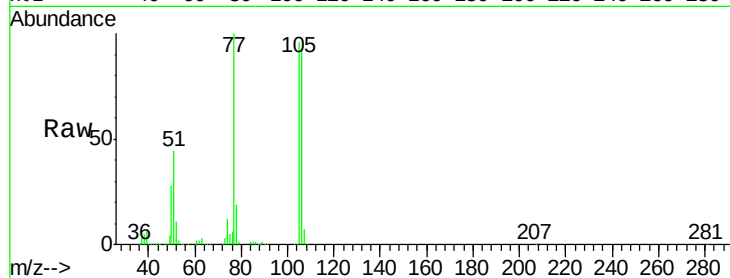
ClientSampleId :

SSTDIC020

Tot Ion:	77	Resp:	473561
Ion	Ratio	Lower	Upper
77	100		
105	96.4	73.5	113.5
106	93.1	71.9	111.9

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#10

Phenol

Concen: 24.533 ng m

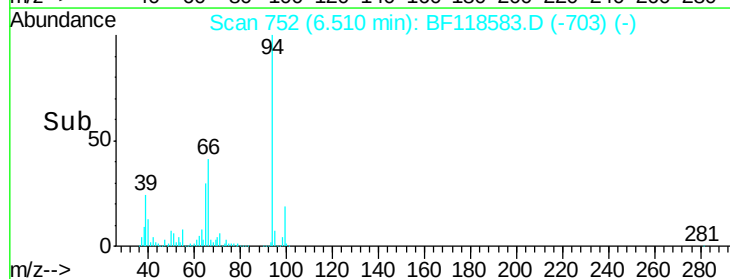
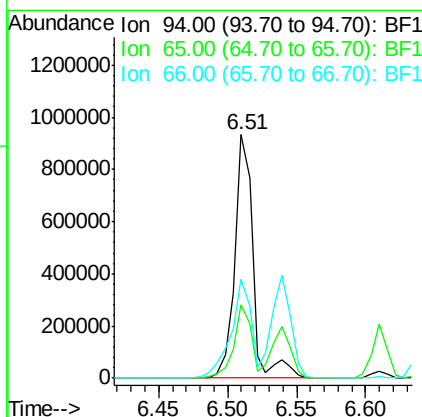
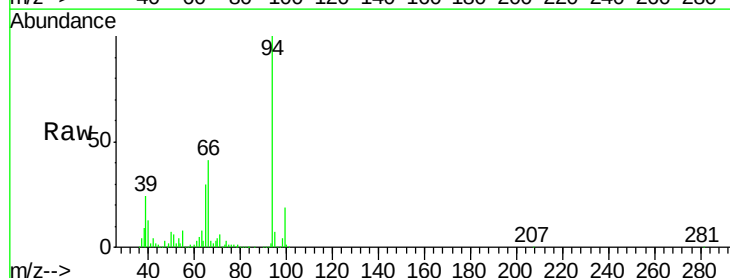
RT: 6.51 min Scan# 752

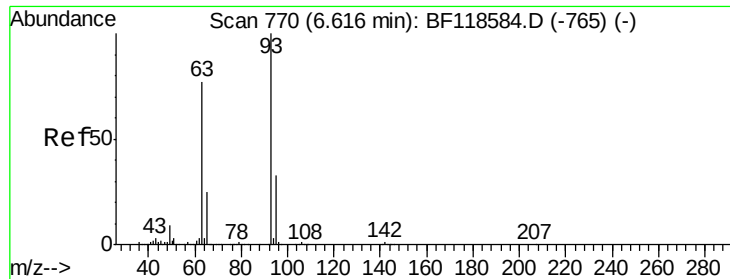
Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	94	Resp:	855953
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.5	49.5
66	40.7	18.5	58.5





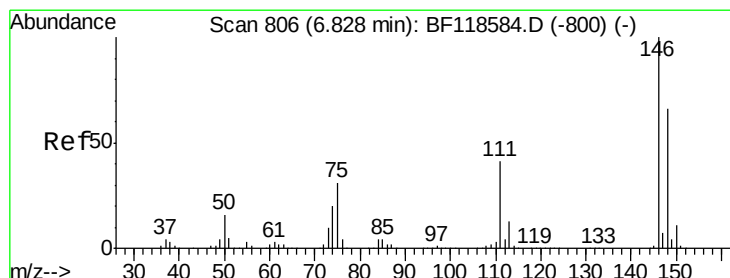
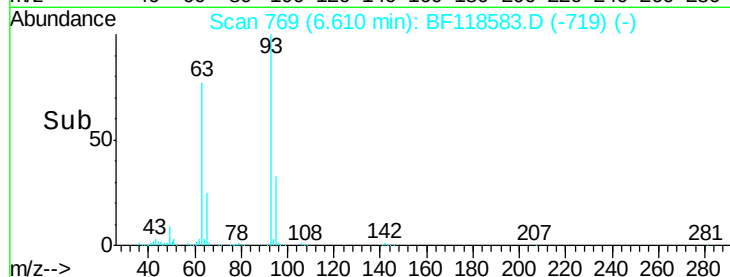
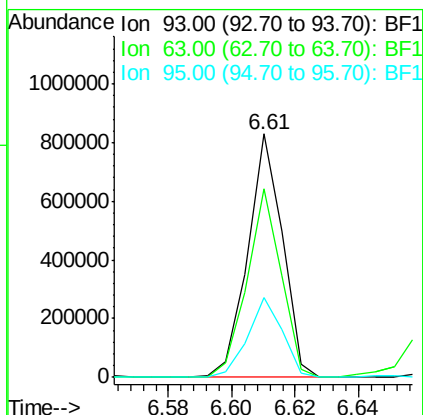
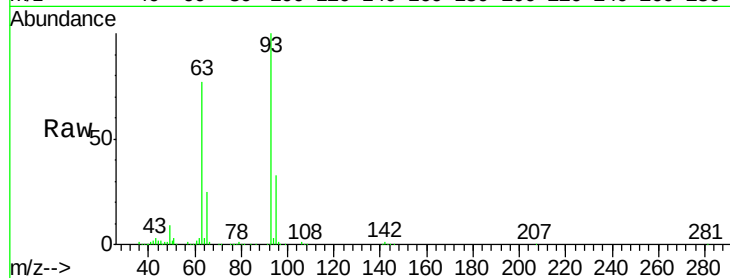
#11
bis(2-Chloroethyl)ether
Concen: 22.498 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.4	56.3	96.3
95	32.7	13.3	53.3

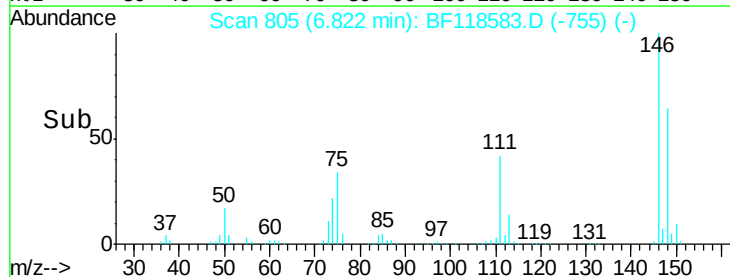
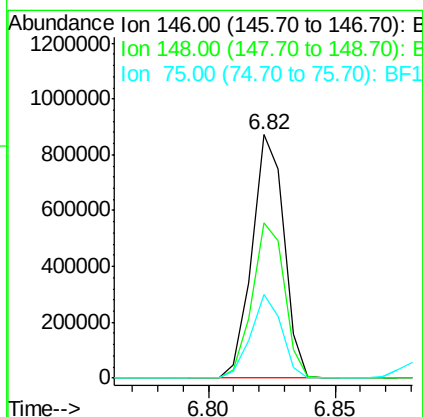
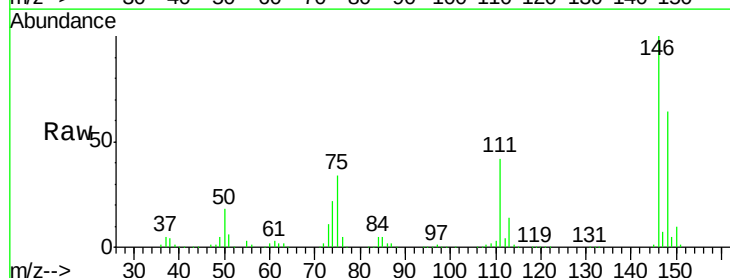
Manual Integrations
APPROVED

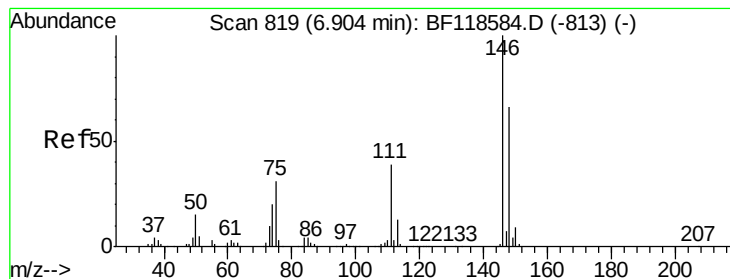
mohammad
1/21/2020 2:25:47 PM



#12
1,3-Dichlorobenzene
Concen: 23.379 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.0	79.6
75	34.4	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 23.392 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

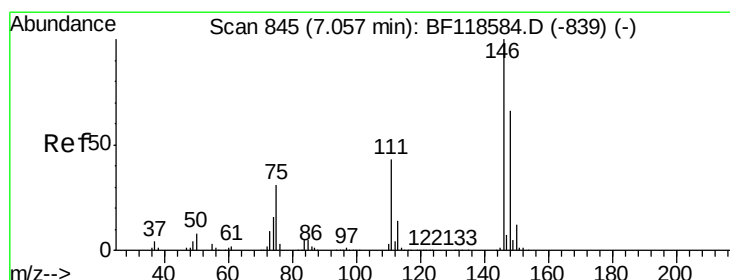
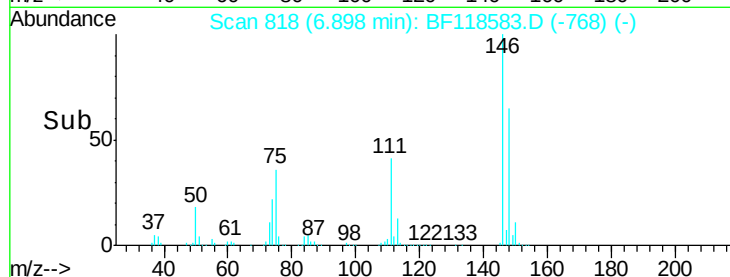
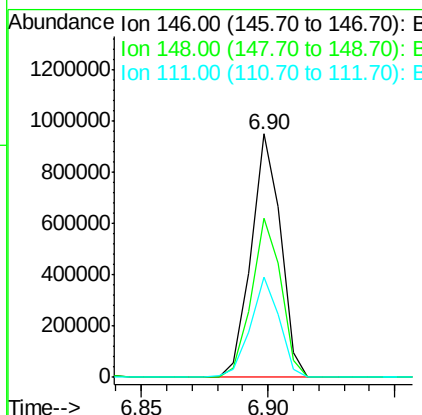
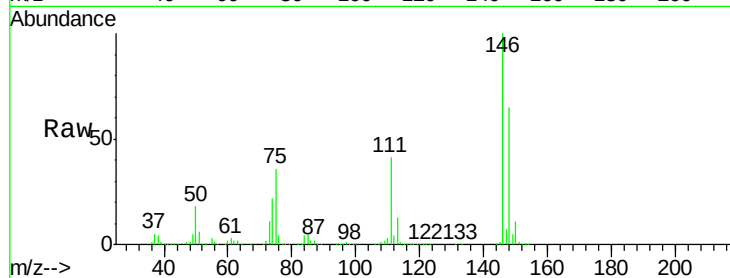
ClientSampleId :

SSTDIC020

Tot Ion:	146	Resp:	771360
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.4	78.6
111	40.9	31.6	47.4

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#14

1,2-Dichlorobenzene

Concen: 23.893 ng

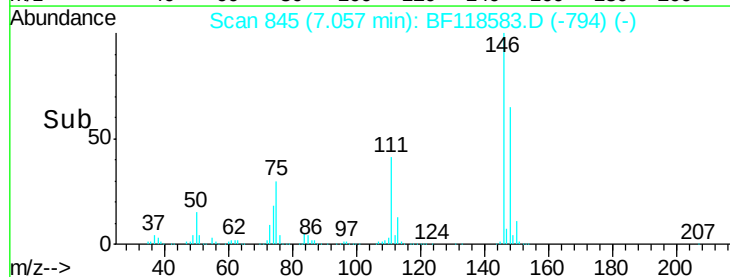
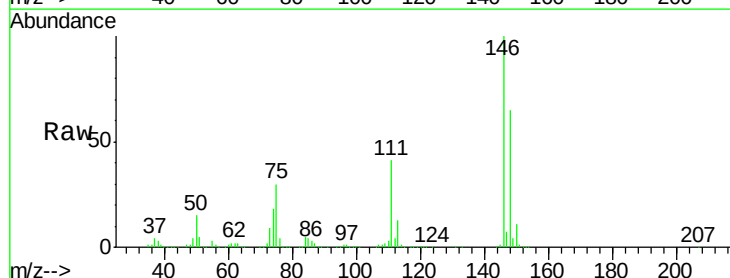
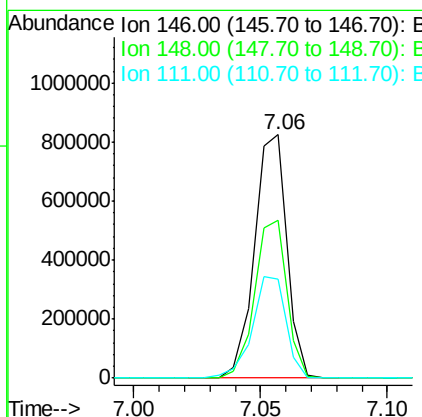
RT: 7.06 min Scan# 845

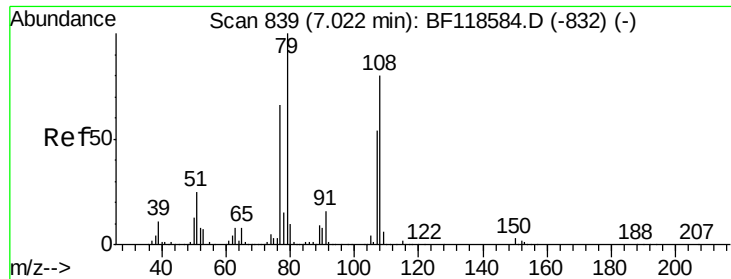
Delta R.T. -0.00 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	146	Resp:	737127
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.7	79.1
111	40.6	34.6	52.0





#15

Benzyl Alcohol

Concen: 22.653 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

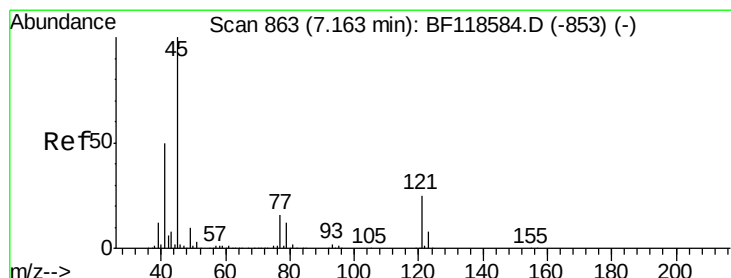
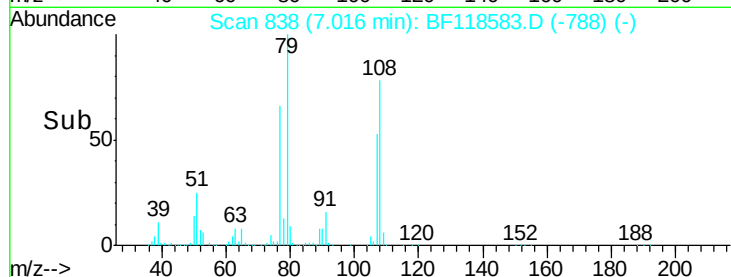
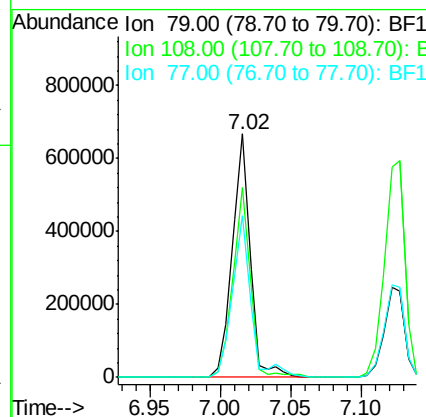
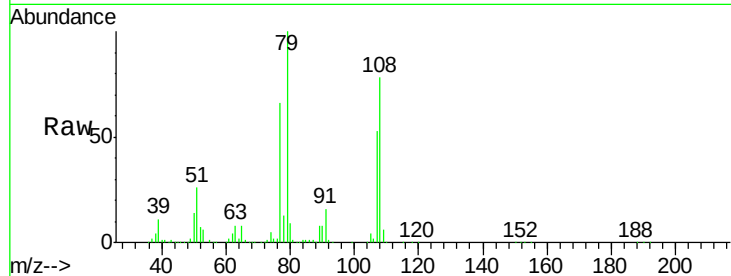
ClientSampleId :

SSTDIC020

Tot Ion:	79	Resp:	591209
Ion Ratio	Lower	Upper	
79	100		
108	78.1	63.6	95.4
77	66.2	52.5	78.7

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.464 ng

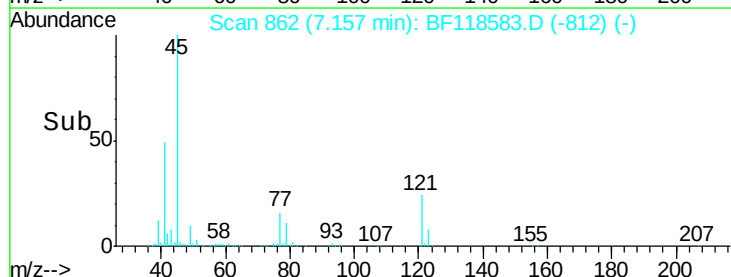
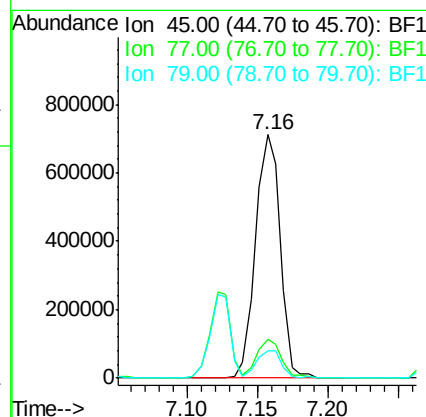
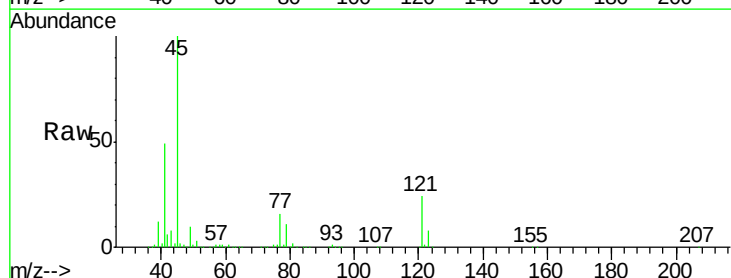
RT: 7.16 min Scan# 862

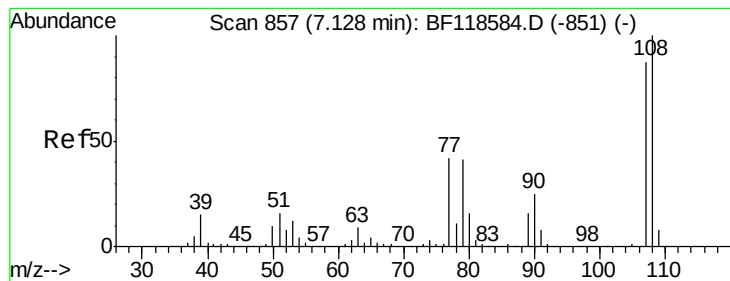
Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	45	Resp:	879873
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	36.1
79	11.4	0.0	32.4





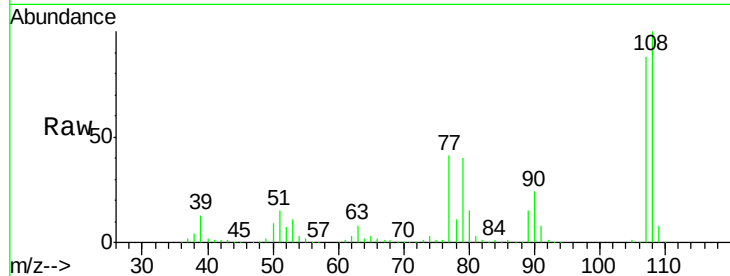
#17
2-Methylphenol
Concen: 22.350 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

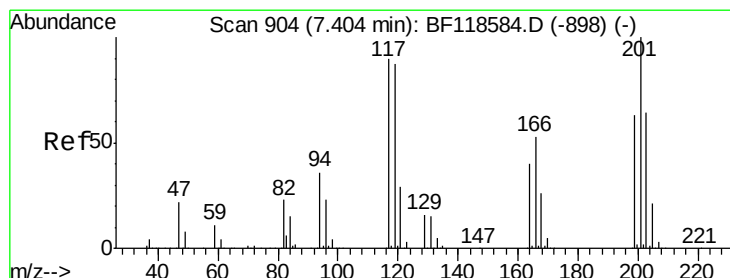
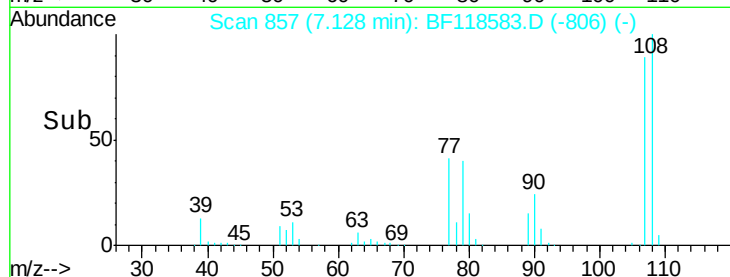
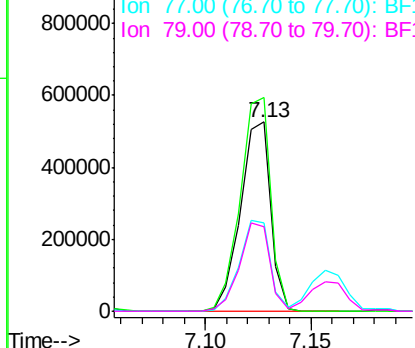
Tot Ion	107	Resp	523625
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.5	137.3
77	46.7	38.7	58.1
79	45.1	37.7	56.5

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM

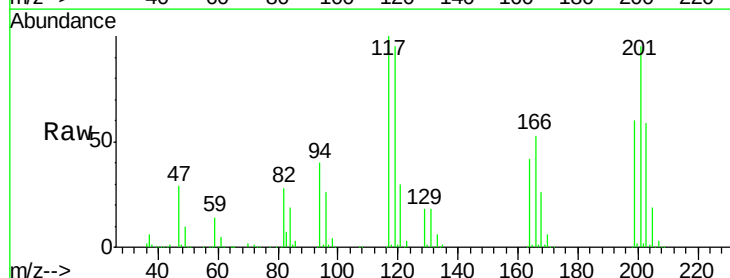


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

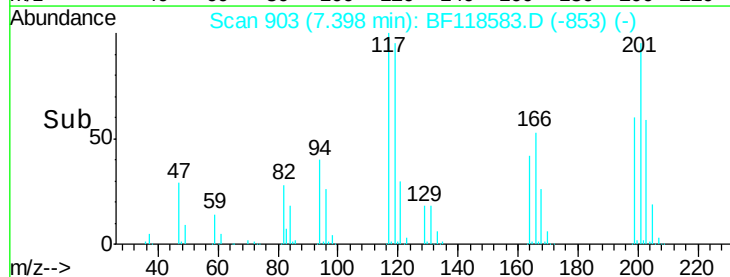
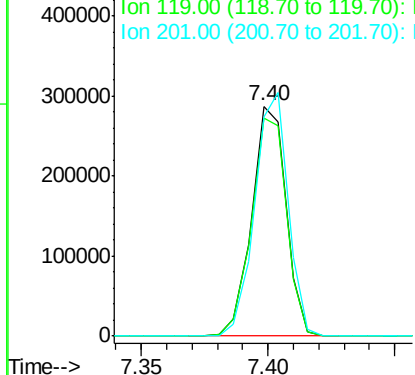


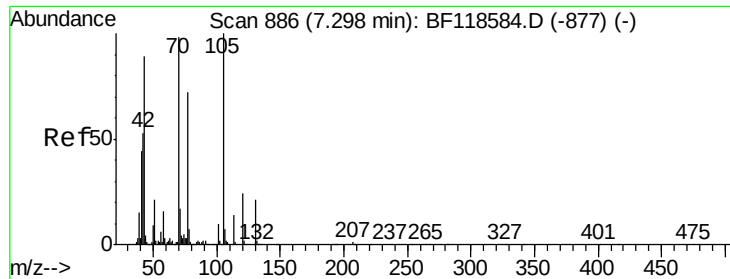
#18
Hexachloroethane
Concen: 22.671 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	117	Resp	272431
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.6	116.4
201	95.4	88.8	133.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 21.812 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

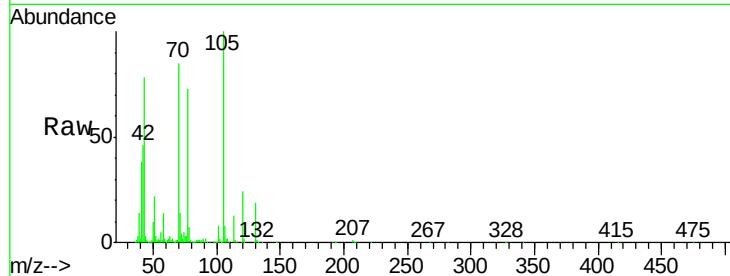
ClientSampleId :

SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		497420		
42	54.4		43.4	65.0	
101	9.9		8.1	12.1	
130	22.5		17.6	26.4	

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM

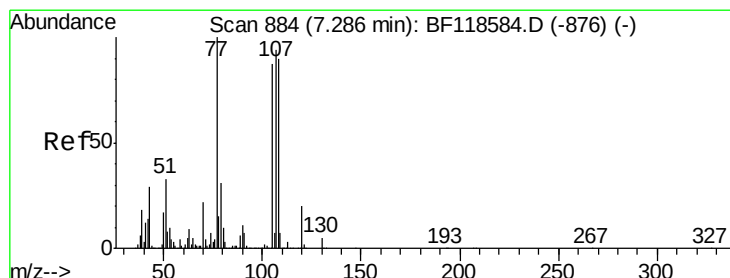
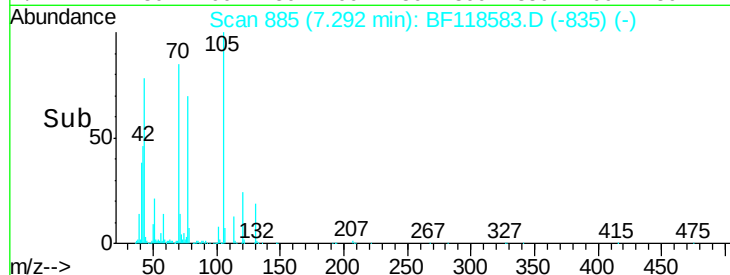
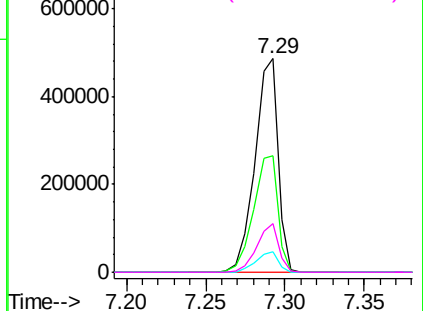


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 24.470 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

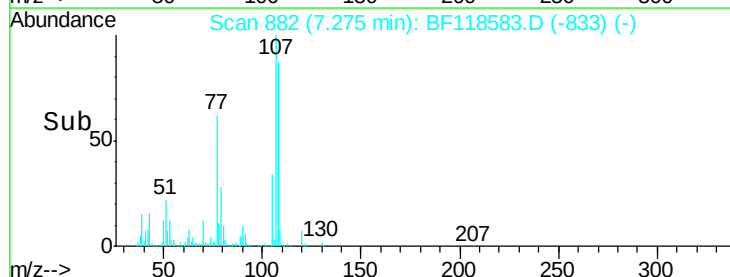
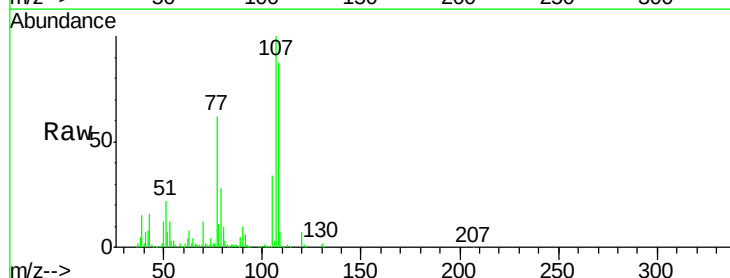
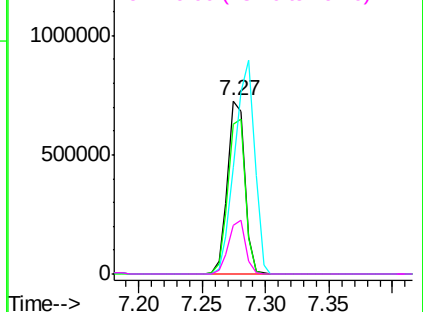
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		685581		
108	87.0		75.8	115.8	
77	61.6		86.5	126.5	
79	28.2		12.9	52.9	

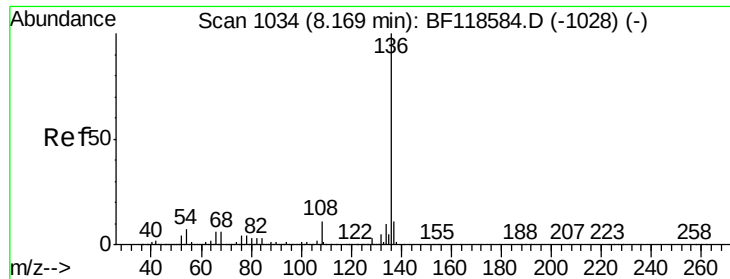
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





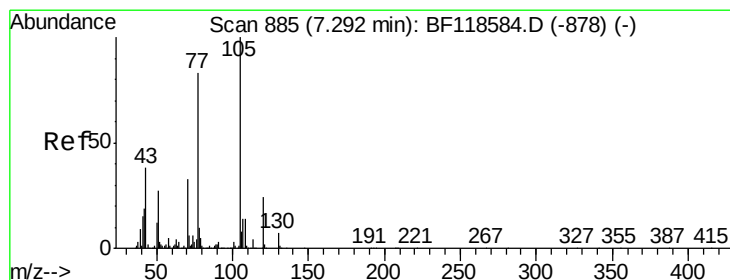
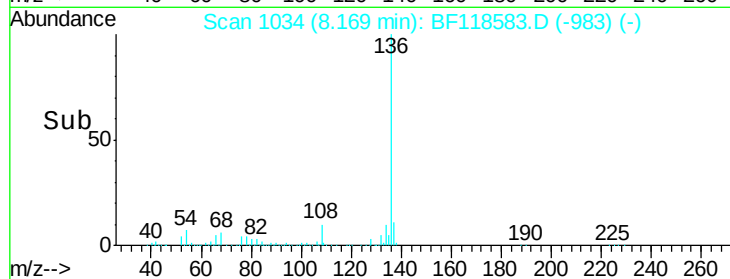
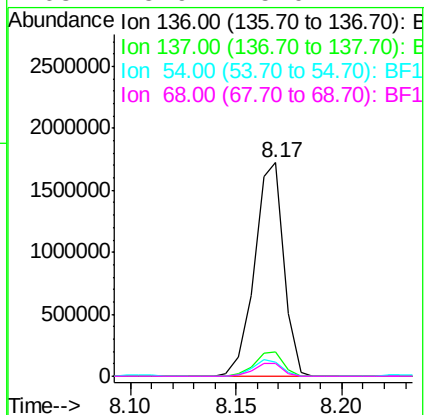
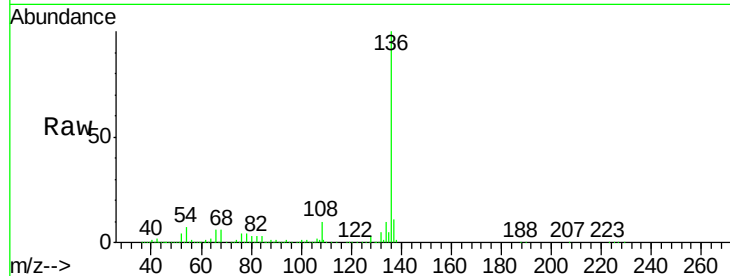
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	5.8	8.6
68	5.9	5.0	7.4

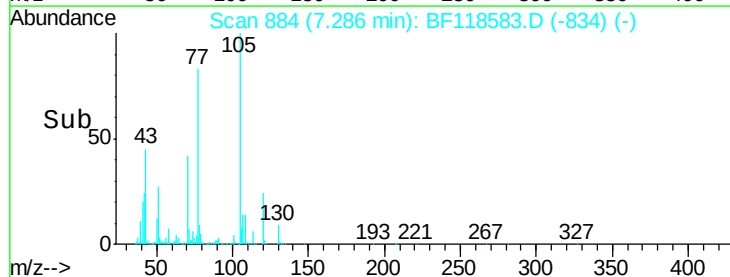
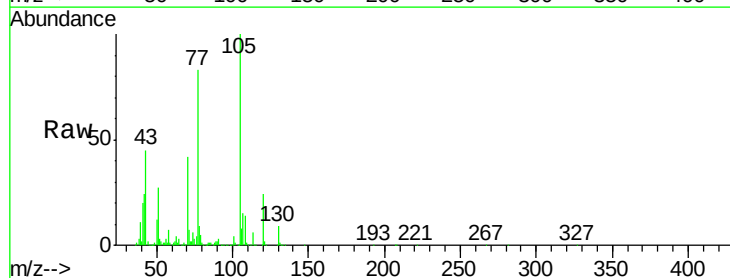
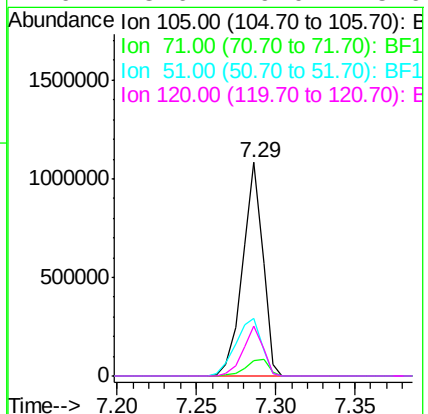
Manual Integrations
APPROVED

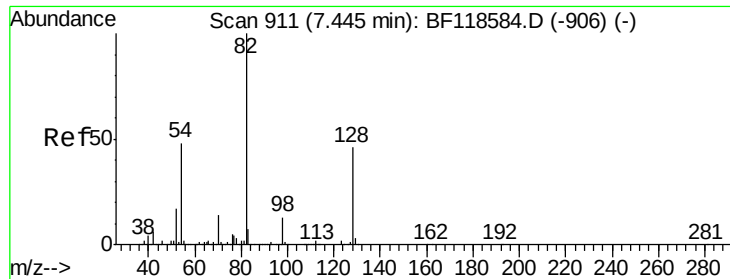
mohammad
1/21/2020 2:25:47 PM



#22
Acetophenone
Concen: 23.586 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.5	6.7#
51	27.2	21.5	32.3
120	23.6	19.0	28.6





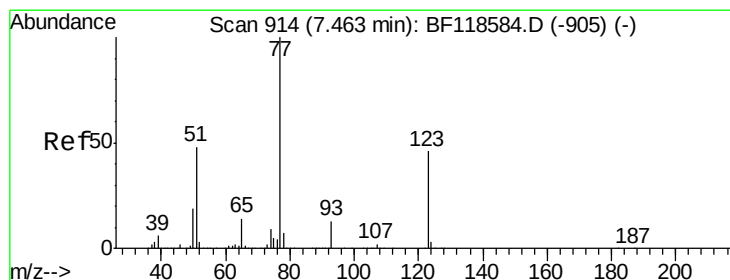
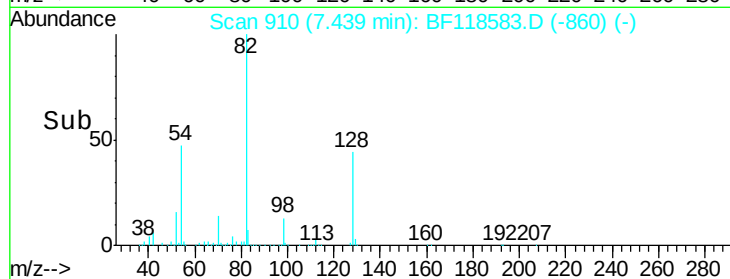
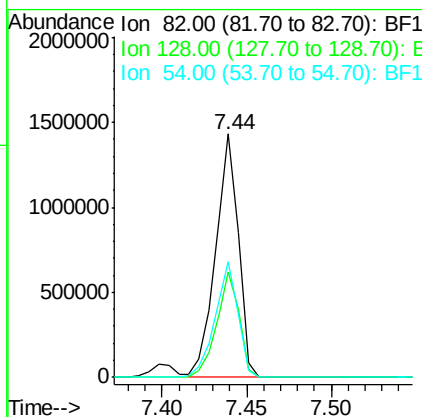
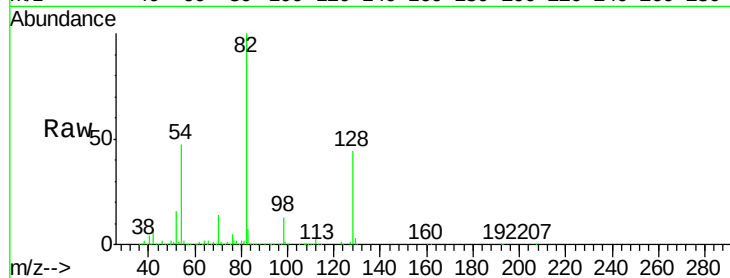
#23
 Nitrobenzene-d5
 Concen: 50.097 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.6	54.8
54	47.5	38.0	57.0

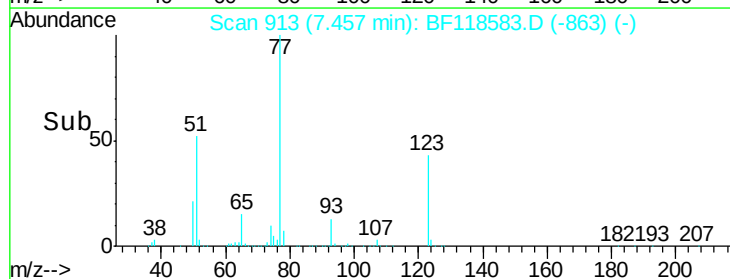
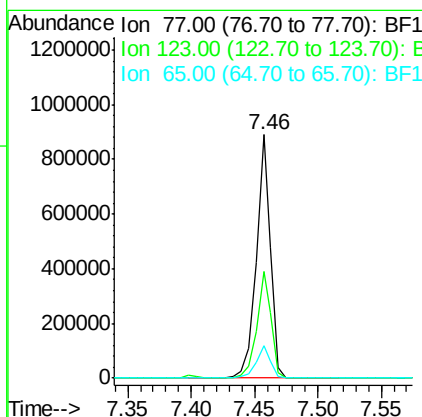
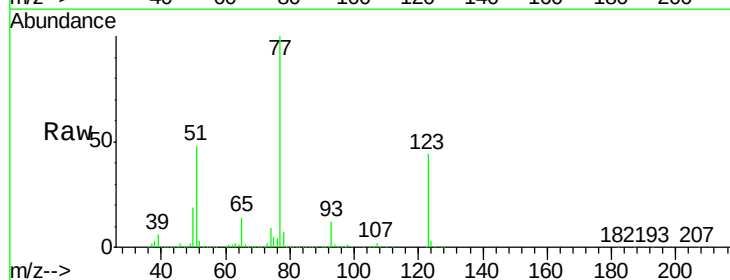
Manual Integrations
 APPROVED

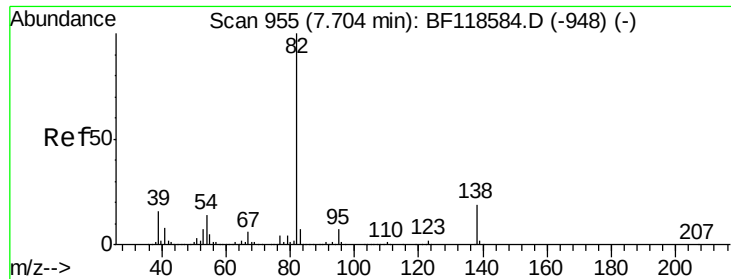
mohammad
 1/21/2020 2:25:47 PM



#24
 Nitrobenzene
 Concen: 24.391 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	37.0	55.4
65	13.6	11.1	16.7





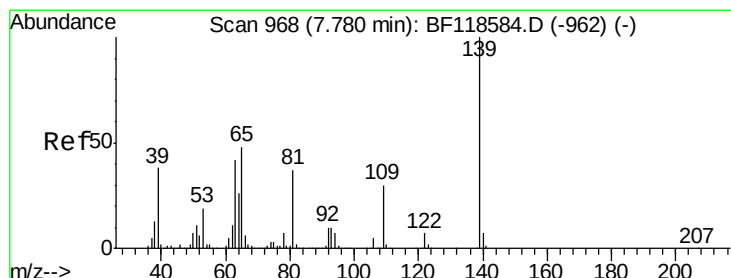
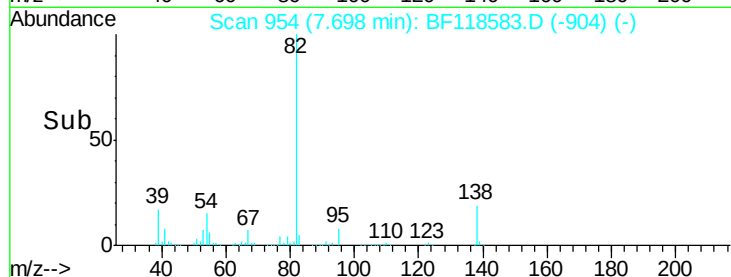
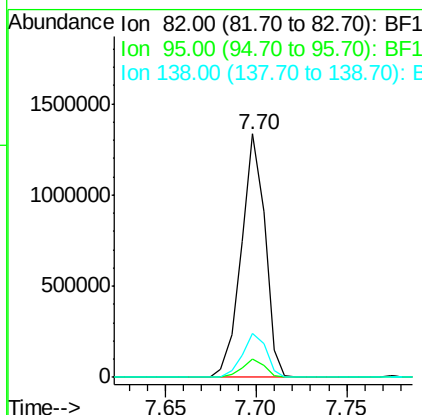
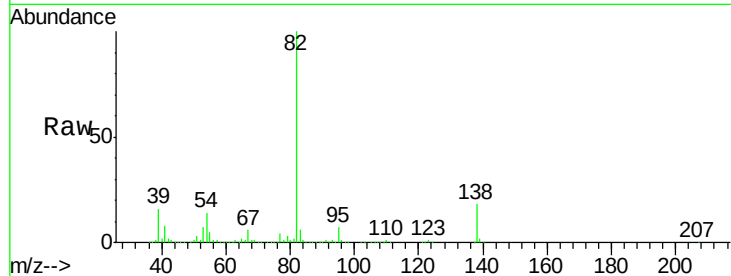
#25
Isophorone
Concen: 20.746 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	18.1	15.3	22.9

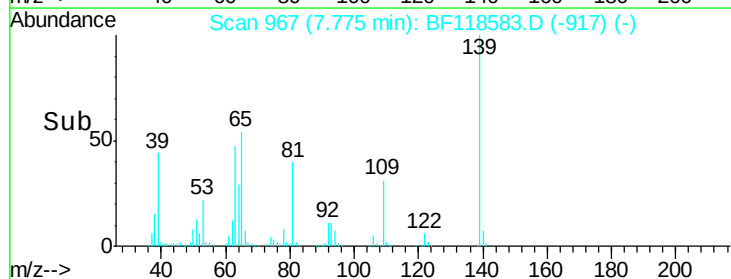
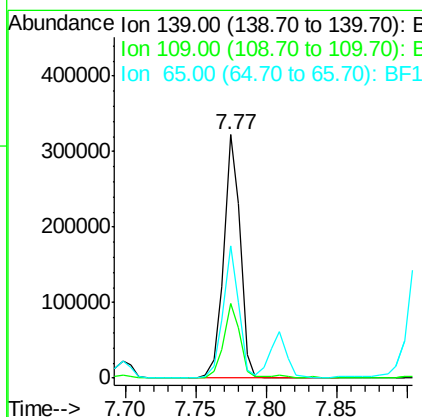
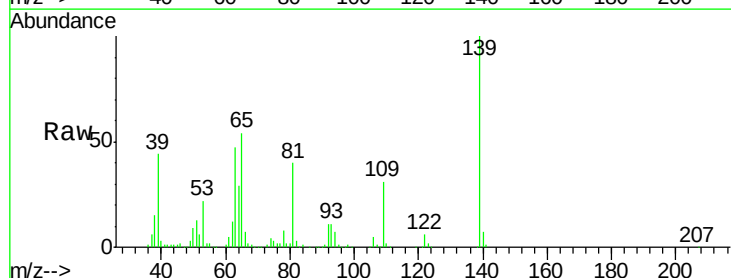
Manual Integrations
APPROVED

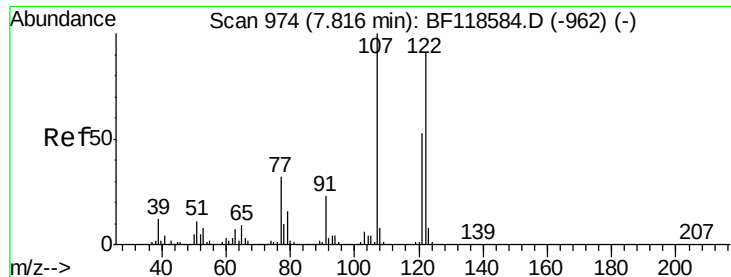
mohammad
1/21/2020 2:25:47 PM



#26
2-Nitrophenol
Concen: 23.013 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.8	23.8	35.8
65	54.3	38.5	57.7





#27

2,4-Dimethylphenol

Concen: 21.264 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

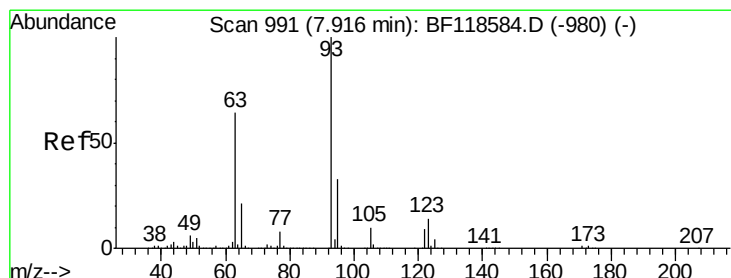
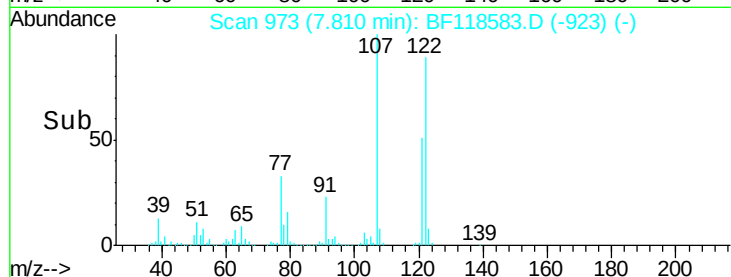
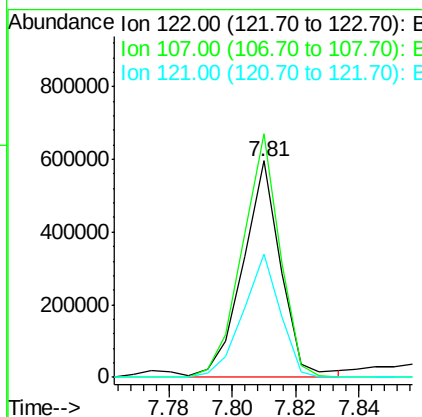
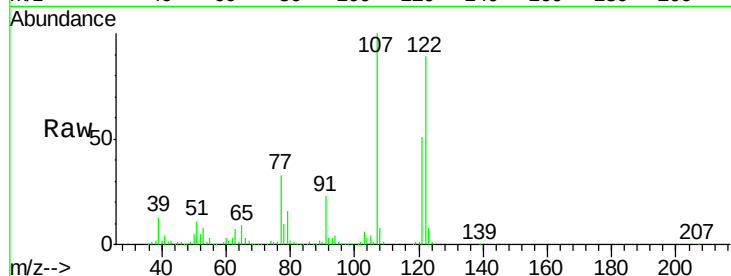
ClientSampleId :

SSTDIC020

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	88.0	132.0
121	57.2	46.3	69.5

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#28

bis(2-Chloroethoxy)methane

Concen: 21.499 ng

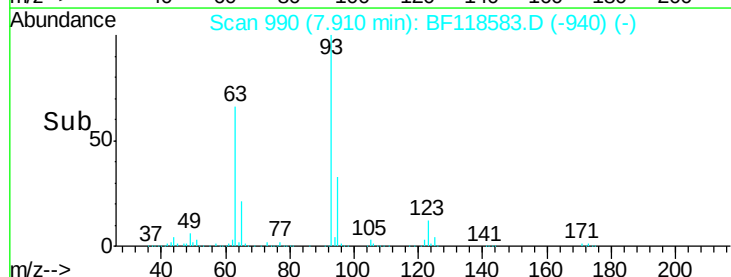
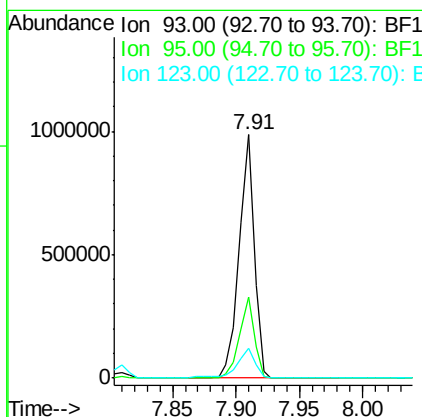
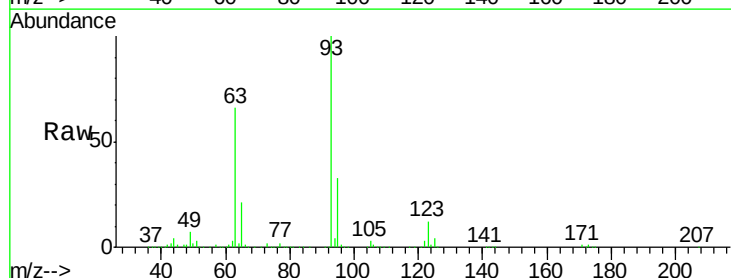
RT: 7.91 min Scan# 990

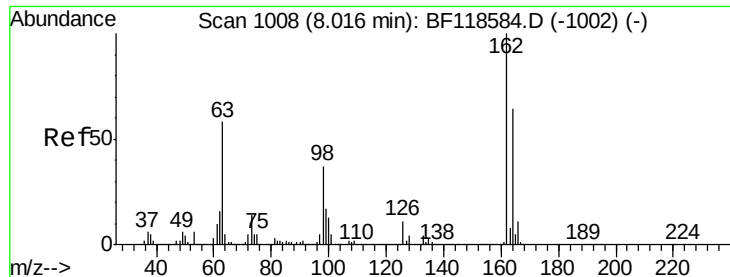
Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.7	40.1
123	12.2	11.0	16.6





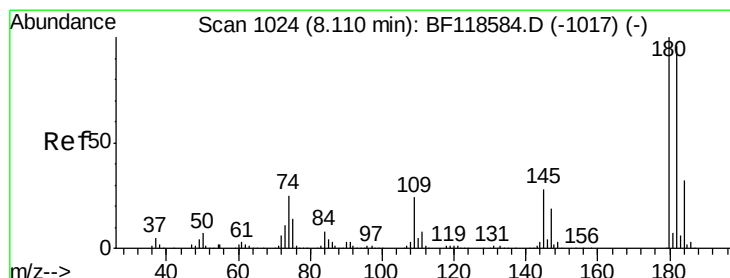
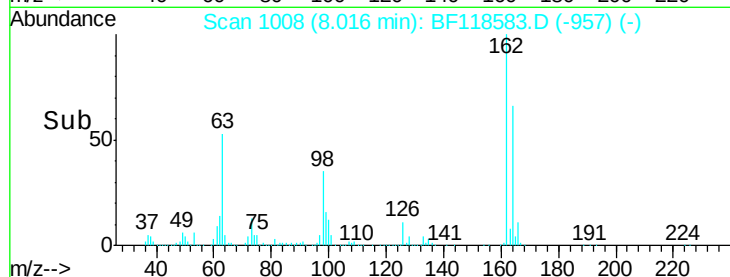
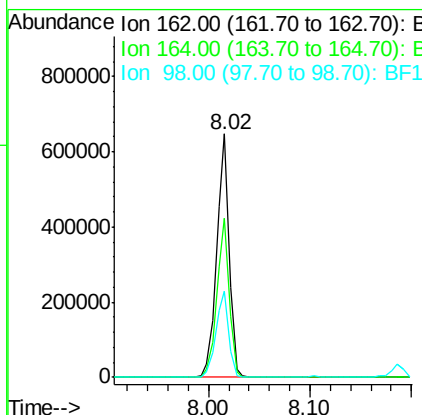
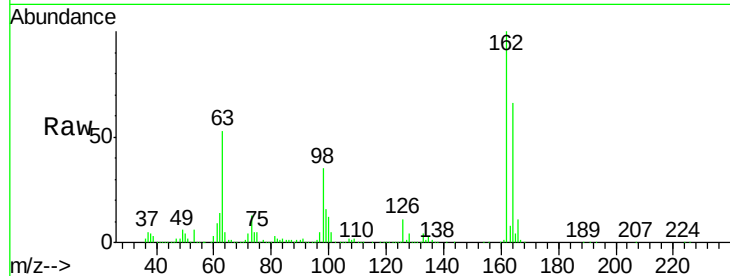
#29
2,4-Dichlorophenol
Concen: 21.630 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
162	100	553237		
164	65.5	44.3	84.3	
98	35.2	17.5	57.5	

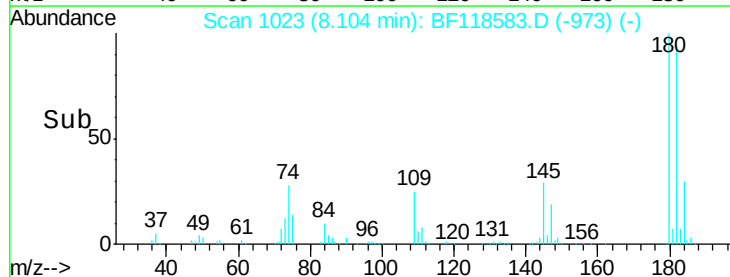
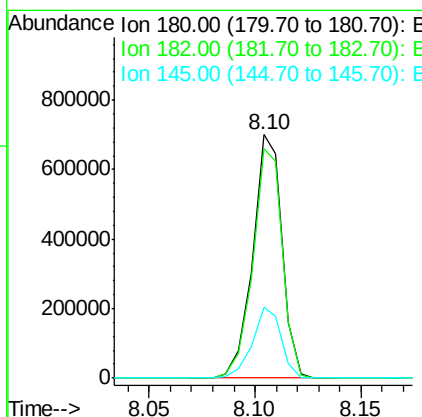
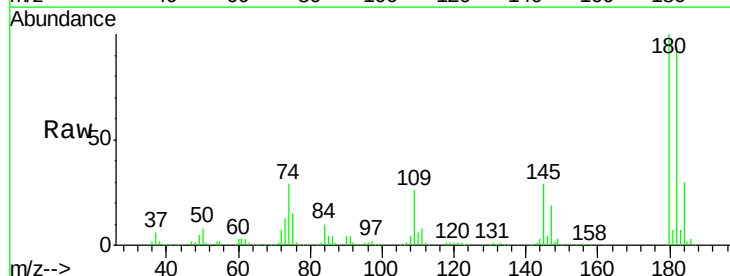
Manual Integrations
APPROVED

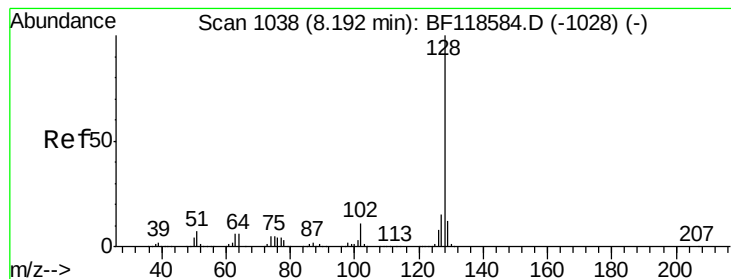
mohammad
1/21/2020 2:25:47 PM



#30
1,2,4-Trichlorobenzene
Concen: 22.566 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	672630		
182	94.2	76.9	115.3	
145	29.1	22.8	34.2	





#31

Naphthalene

Concen: 23.928 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:128 Resp: 1876239

Ion Ratio Lower Upper

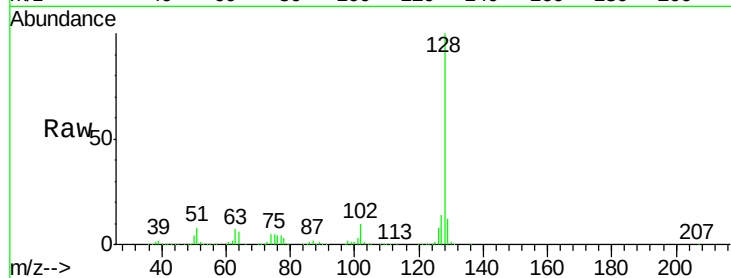
128 100

129 12.0 9.9 14.9

127 14.1 12.0 18.0

Manual Integrations
APPROVED

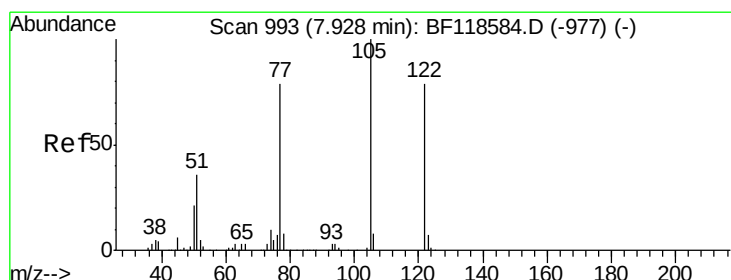
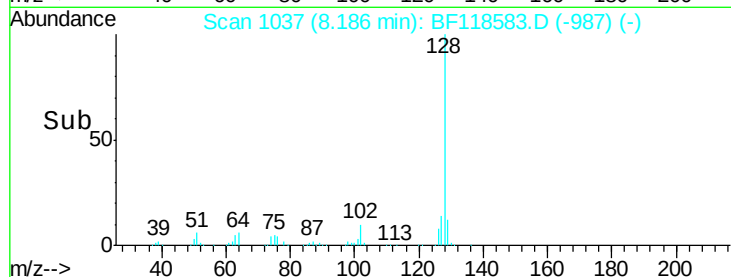
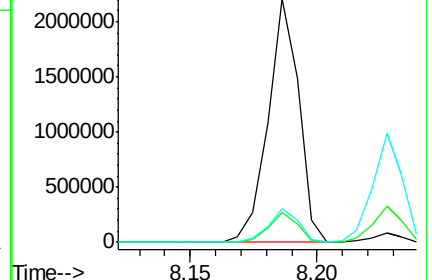
mohammad
1/21/2020 2:25:47 PM



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: 21.418 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

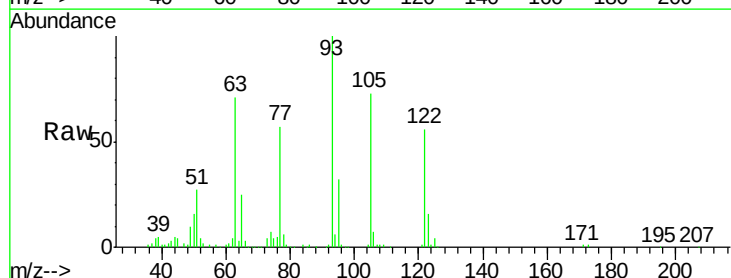
Tgt Ion:122 Resp: 305767

Ion Ratio Lower Upper

122 100

105 128.8 104.3 144.3

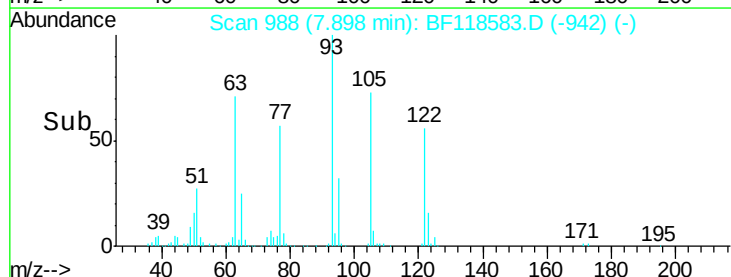
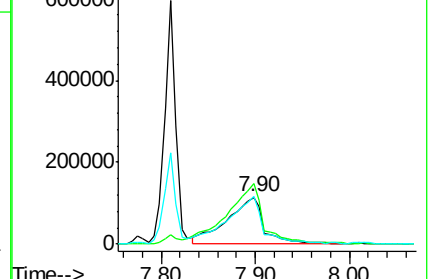
77 101.3 79.4 119.4

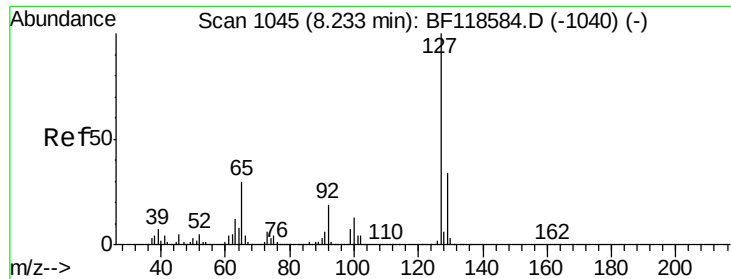


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





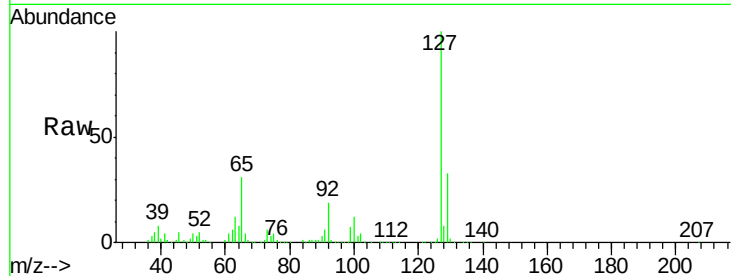
#33
4-Chloroaniline
Concen: 22.472 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

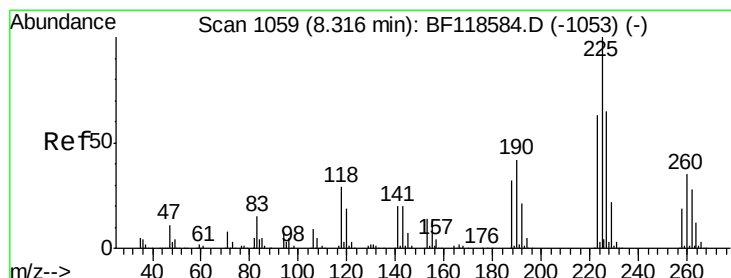
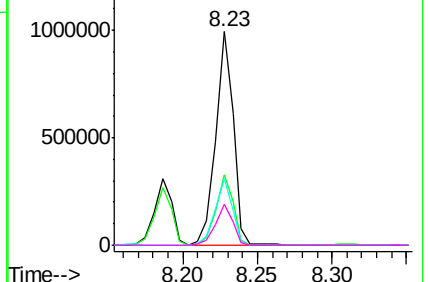
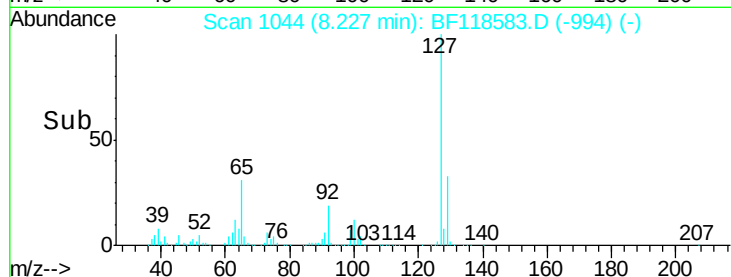
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		818710		
129	32.8	27.4	41.0		
65	31.3	23.6	35.4		
92	19.2	15.0	22.4		

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM

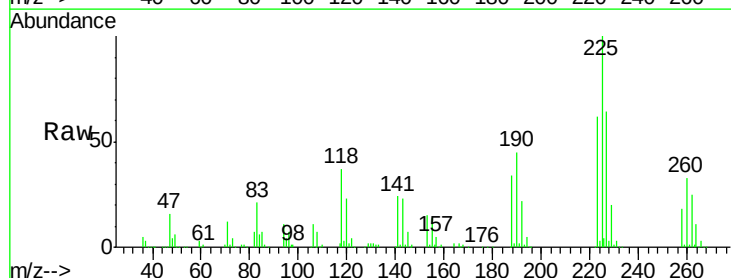


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

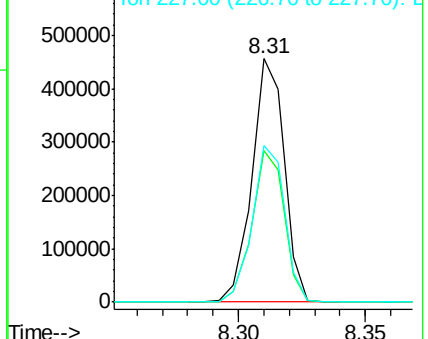
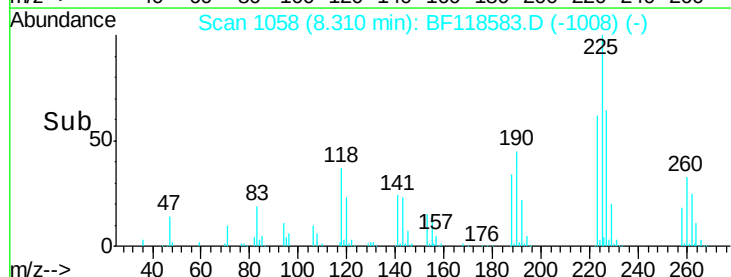


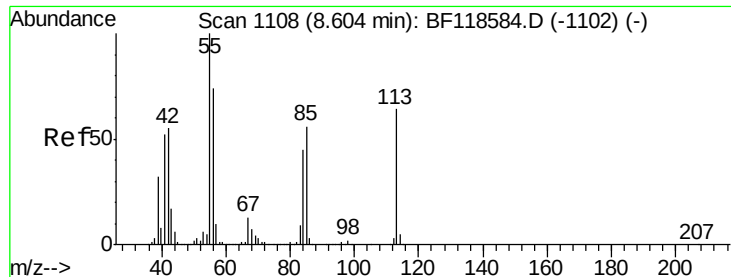
#34
Hexachlorobutadiene
Concen: 21.854 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		406309		
223	62.3	50.2	75.4		
227	64.2	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





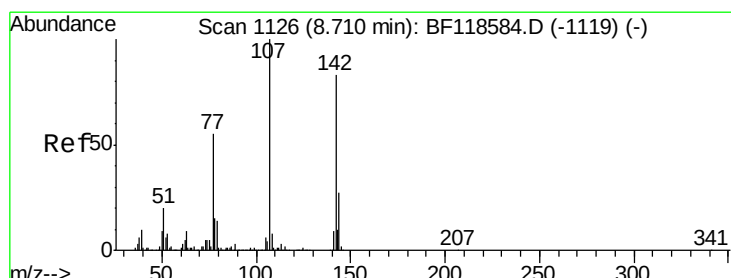
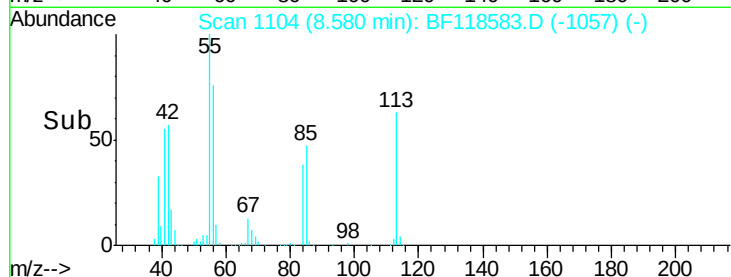
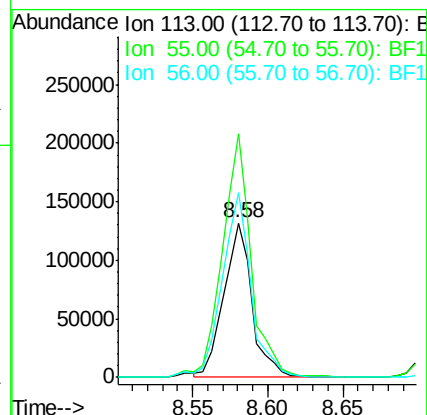
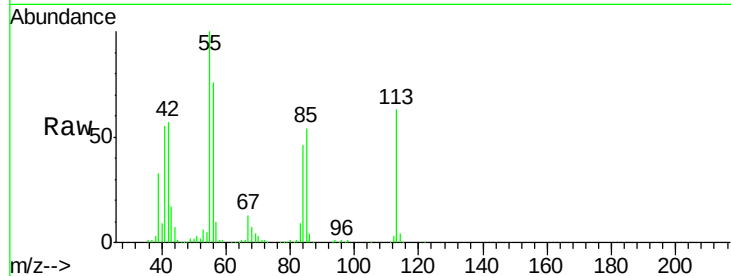
#35
Caprolactam
Concen: 21.357 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	158.0		136.1	176.1	
56	120.1		95.2	135.2	

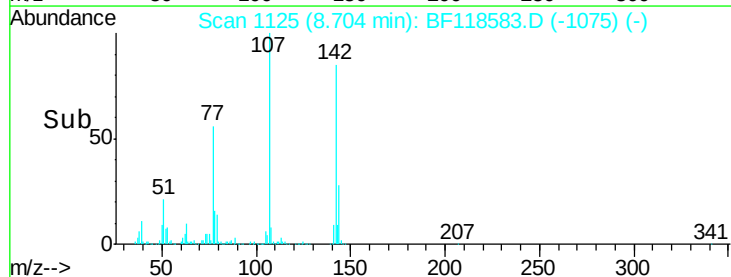
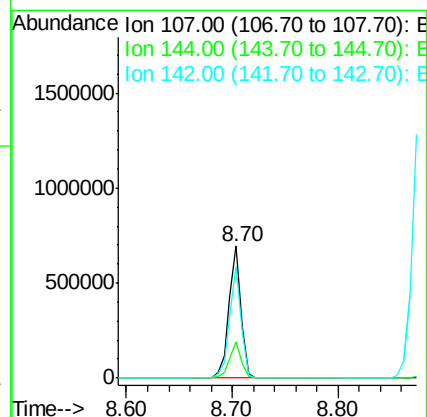
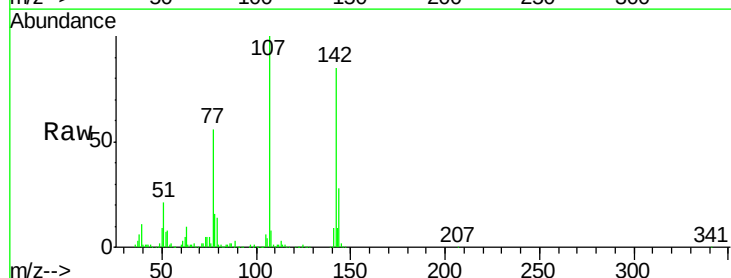
Manual Integrations
APPROVED

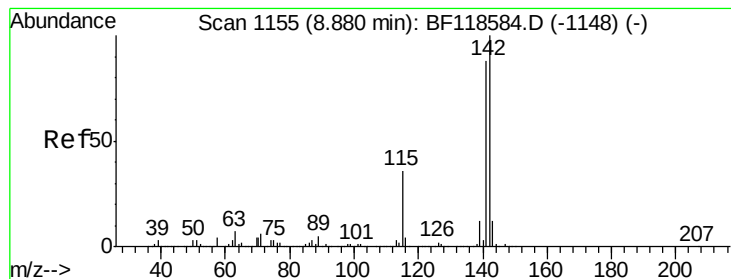
mohammad
1/21/2020 2:25:47 PM



#36
4-Chloro-3-methylphenol
Concen: 21.873 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6		21.8	32.8	
142	84.9		66.5	99.7	





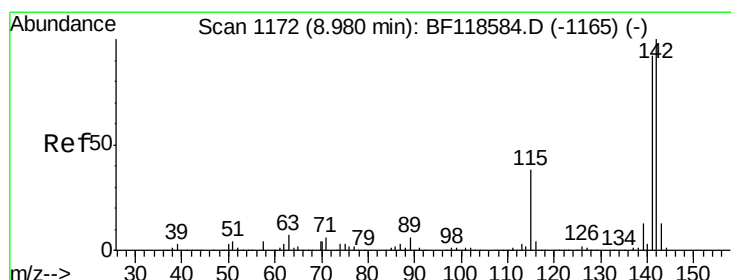
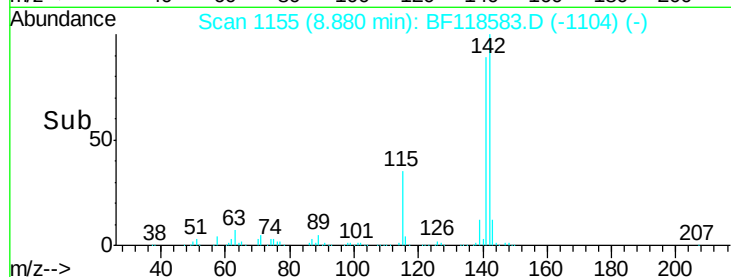
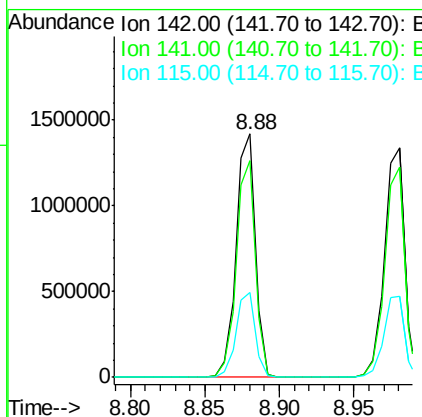
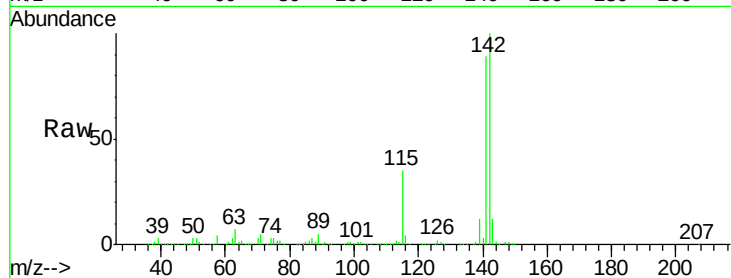
#37
2-Methylnaphthalene
Concen: 23.243 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	34.7	28.5	42.7

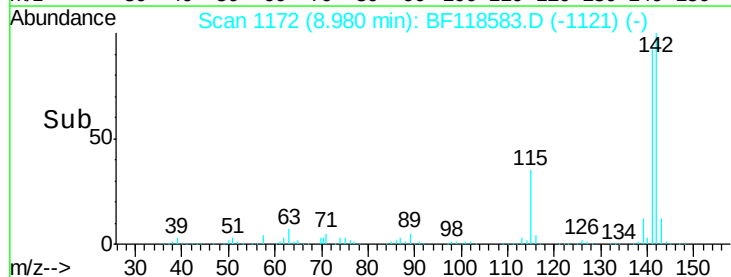
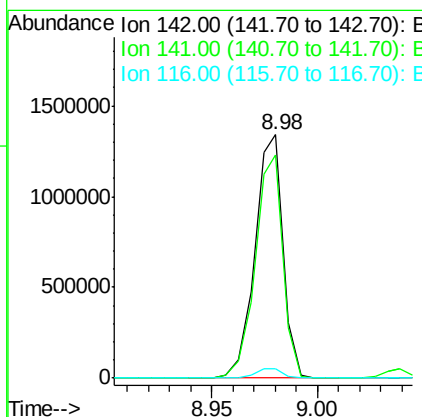
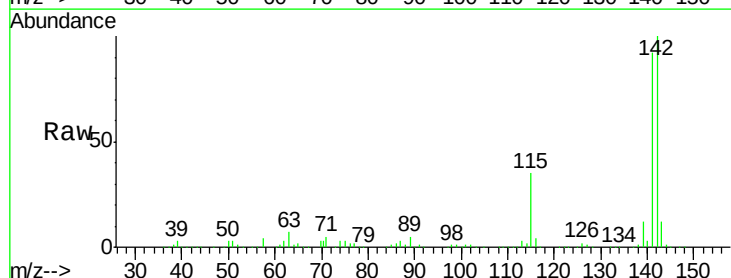
Manual Integrations
APPROVED

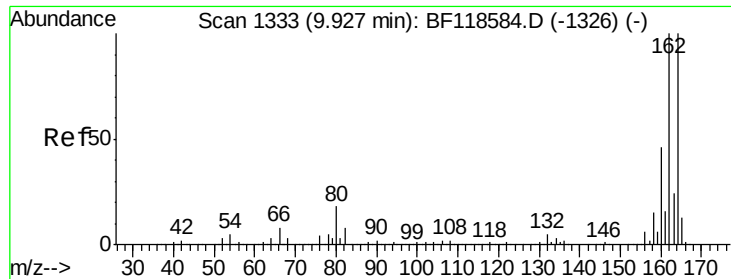
mohammad
1/21/2020 2:25:47 PM



#38
1-Methylnaphthalene
Concen: 23.479 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2
116	3.7	3.3	4.9





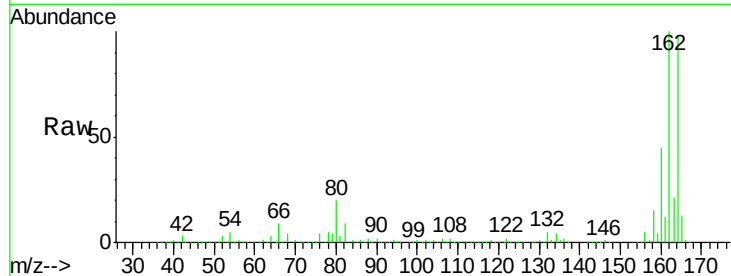
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
164	100	933579		
162	101.9		80.4	120.6
160	46.0		36.6	55.0

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM

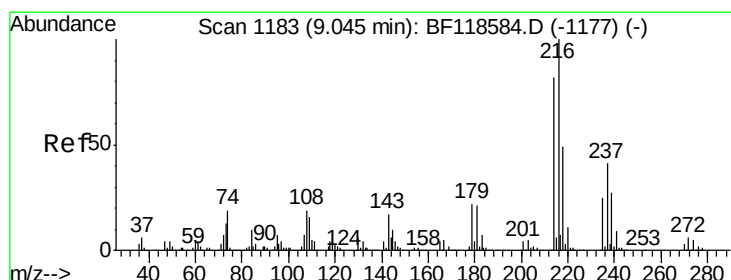
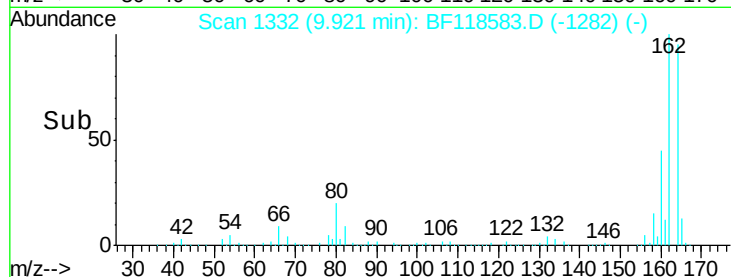
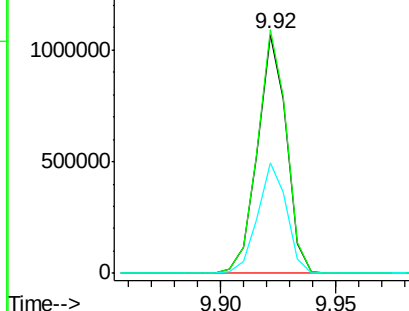


Abundance

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: 23.047 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	693999		
214	79.5		64.2	96.2
179	20.4		16.6	25.0
108	18.1		14.4	21.6

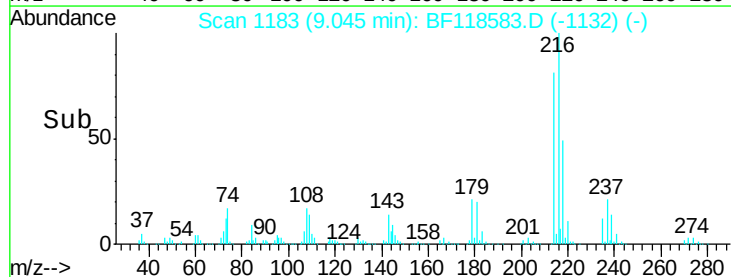
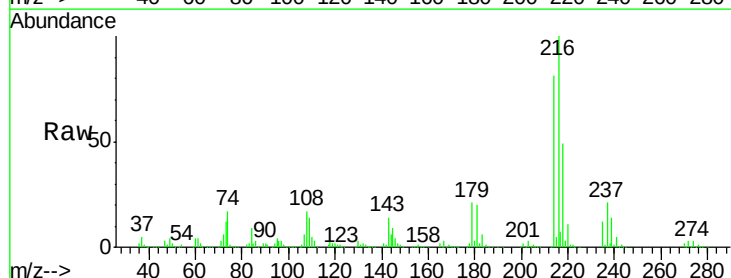
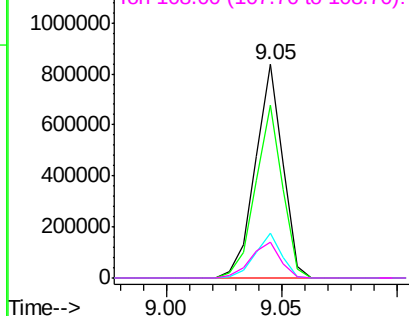
Abundance

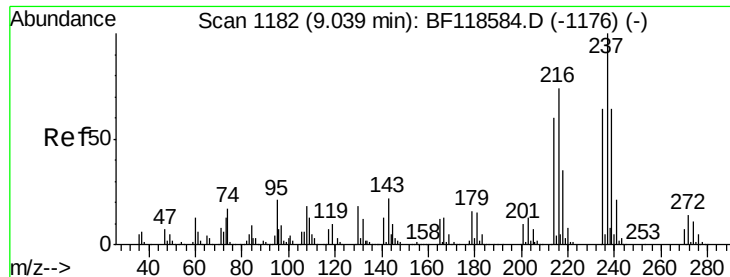
Ion 216.00 (215.70 to 216.70): E

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





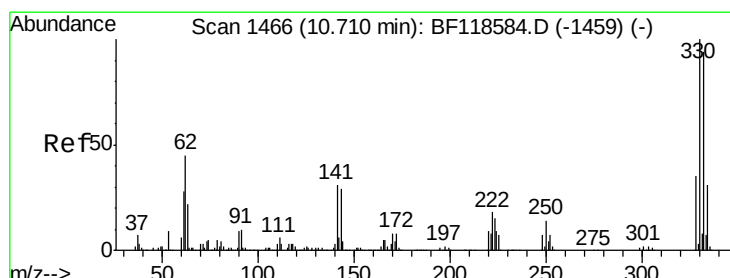
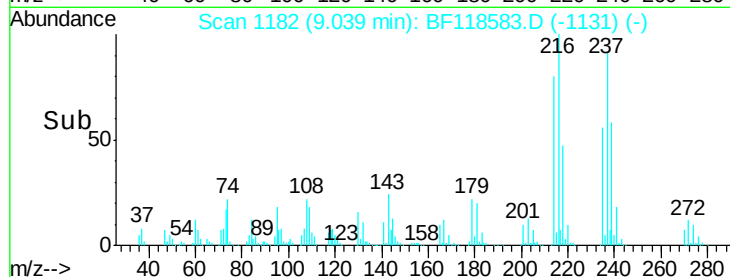
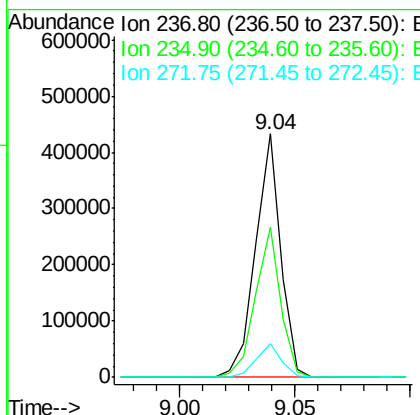
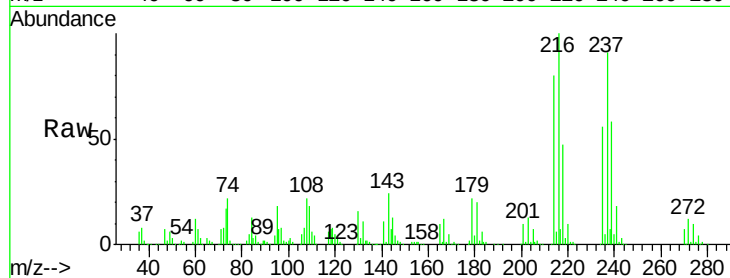
#41
Hexachlorocyclopentadiene
Concen: 21.082 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	44.0	84.0
272	13.7	0.0	34.0

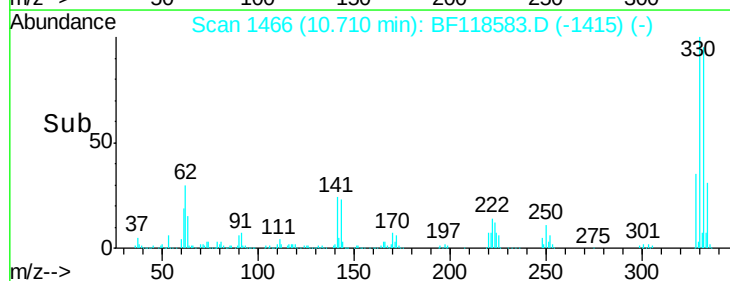
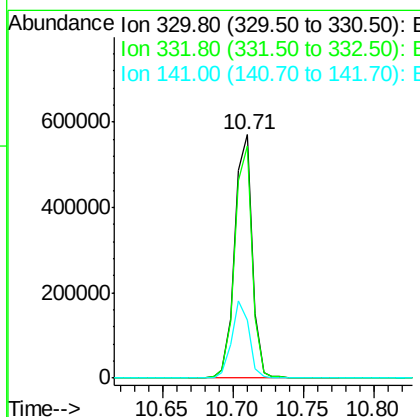
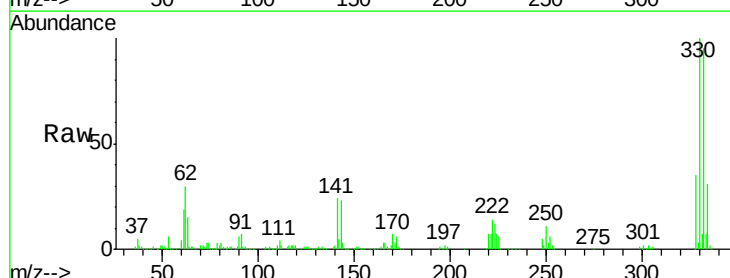
Manual Integrations
APPROVED

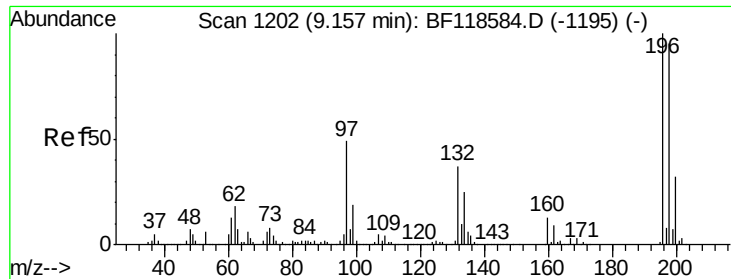
mohammad
1/21/2020 2:25:47 PM



#42
2,4,6-Tribromophenol
Concen: 47.929 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	76.2	114.4
141	31.3	23.9	35.9





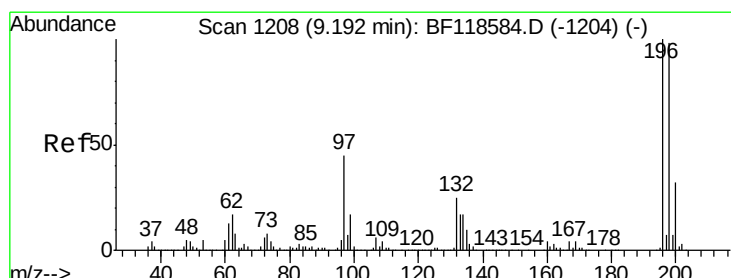
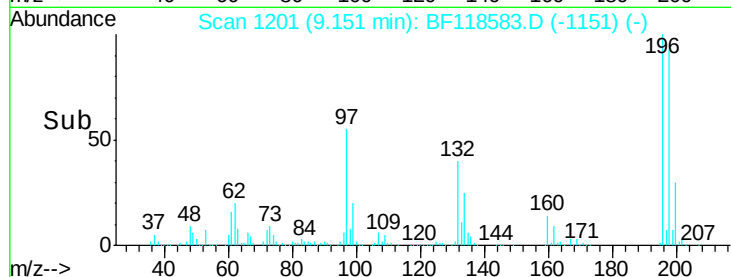
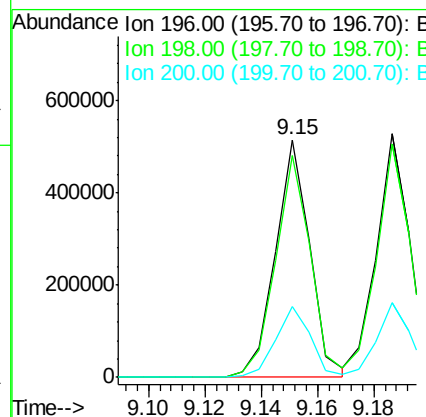
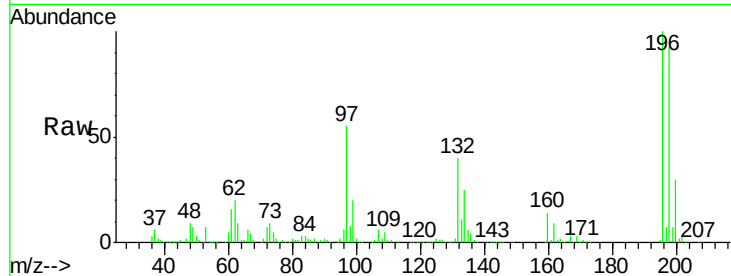
#43
 2,4,6-Trichlorophenol
 Concen: 22.709 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	76.3	114.5
200	29.8	25.4	38.2

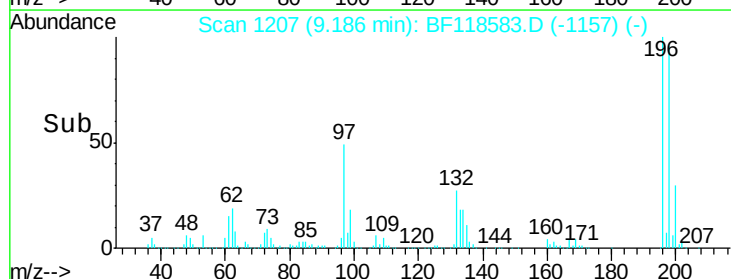
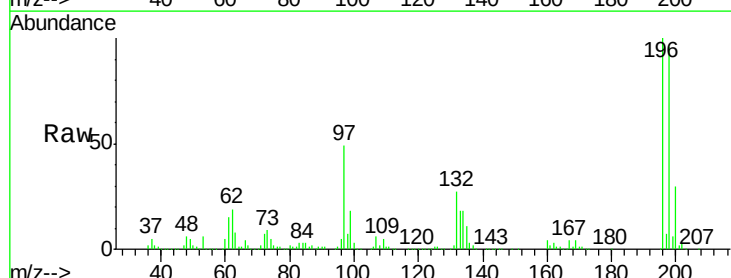
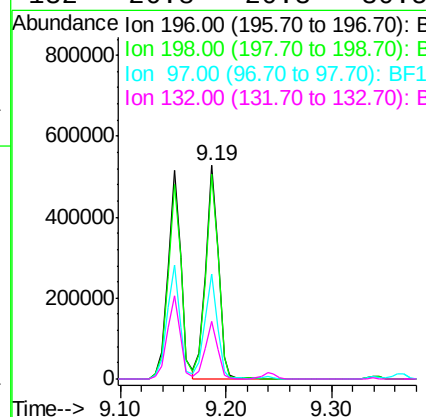
Manual Integrations
 APPROVED

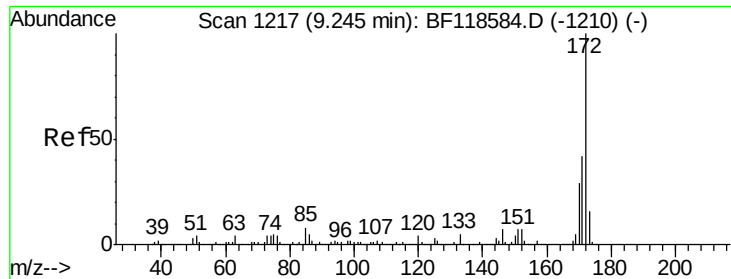
mohammad
 1/21/2020 2:25:47 PM



#44
 2,4,5-Trichlorophenol
 Concen: 22.534 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	78.3	117.5
97	49.0	35.9	53.9
132	26.8	20.3	30.5





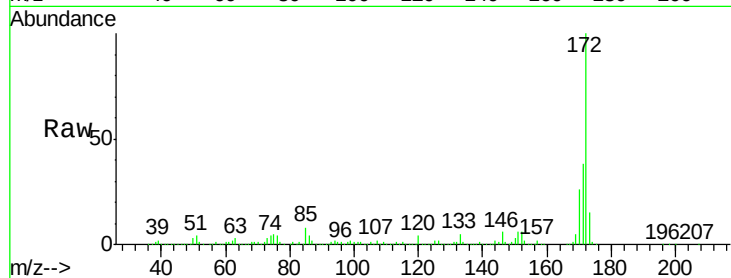
#45
2-Fluorobiphenyl
Concen: 53.458 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	33.4	50.2
170	25.9	23.2	34.8

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM

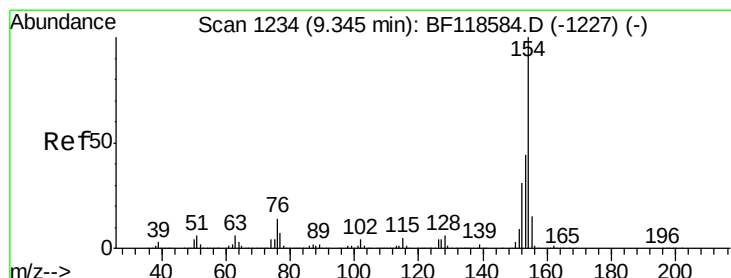
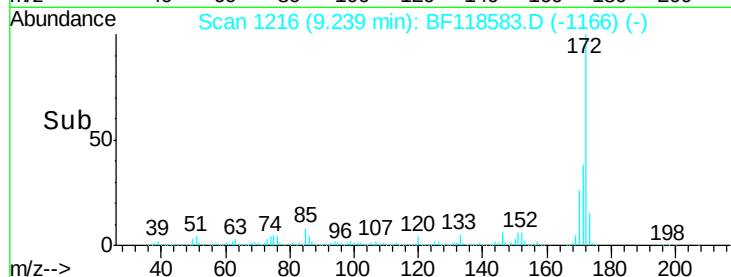
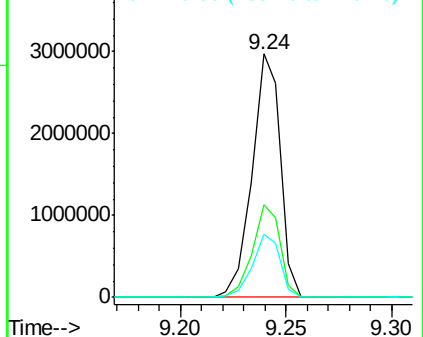


Abundance

Ion 172.00 (171.70 to 172.70): E

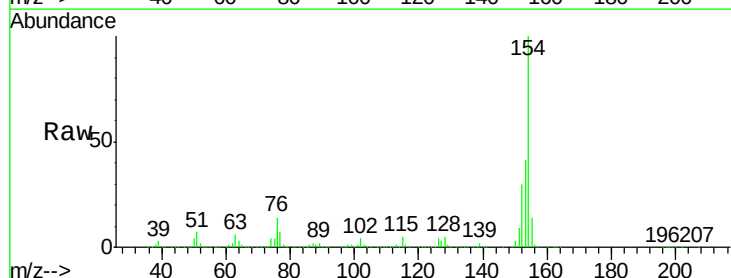
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 24.371 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.8	63.8
76	13.7	0.0	34.3

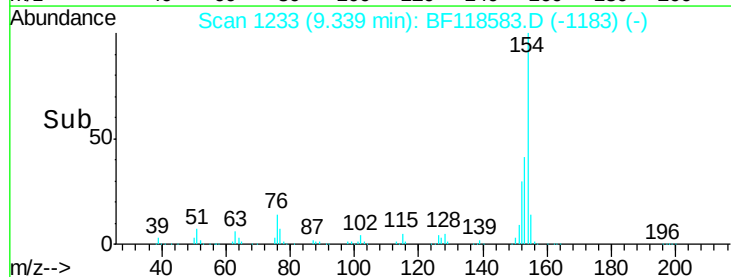
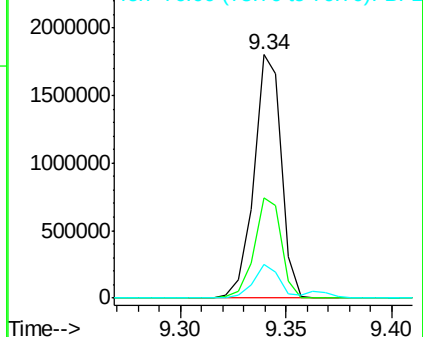


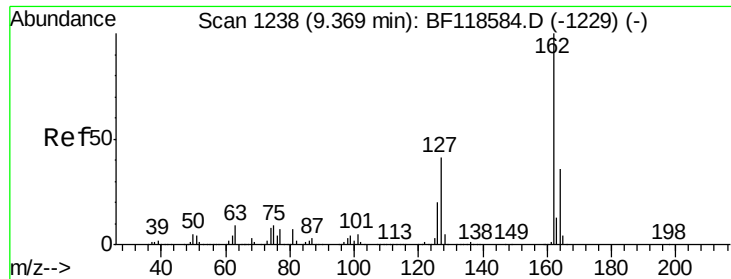
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





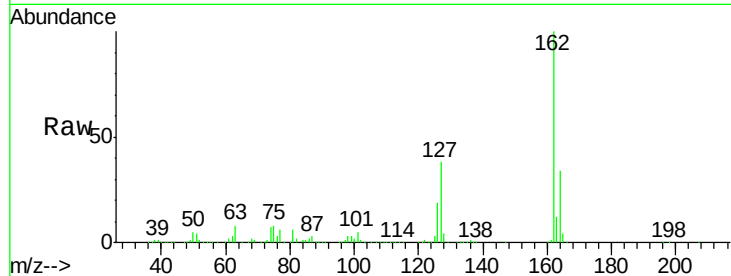
#47
2-Chloronaphthalene
Concen: 23.350 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

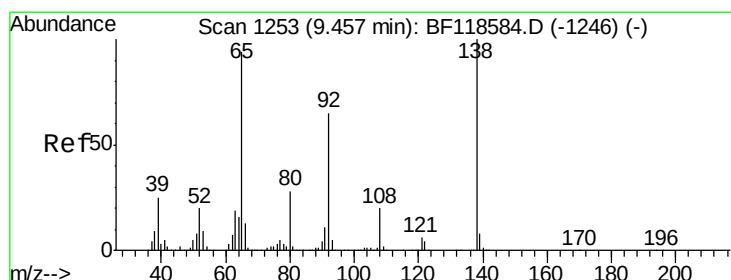
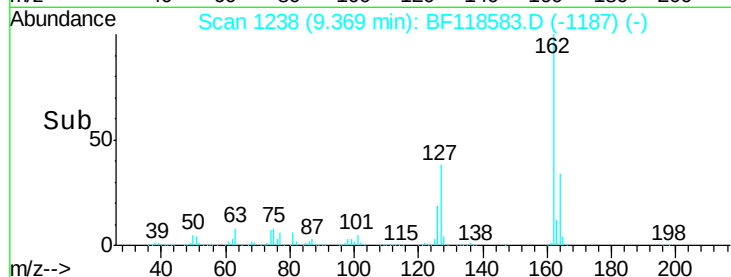
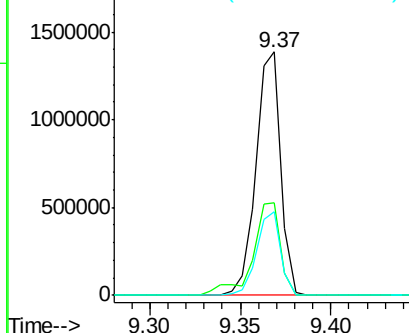
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	33.0	49.6
164	34.5	28.6	42.8

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM

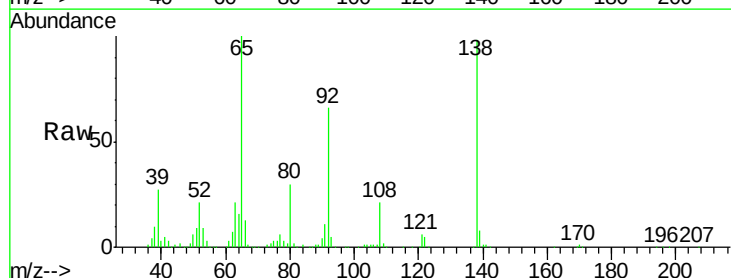


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

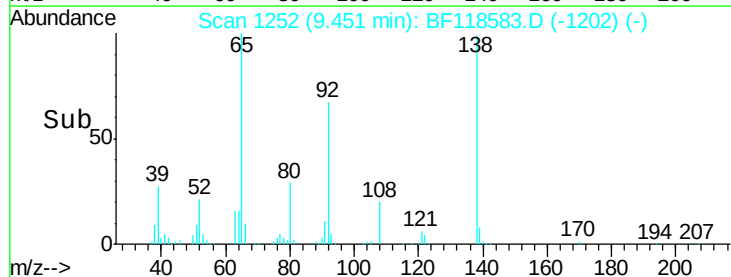
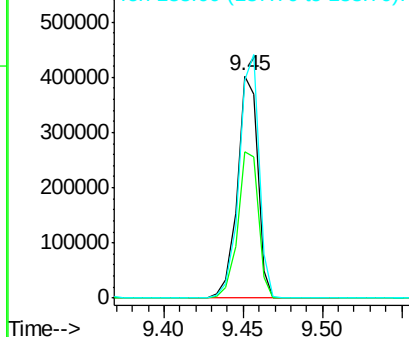


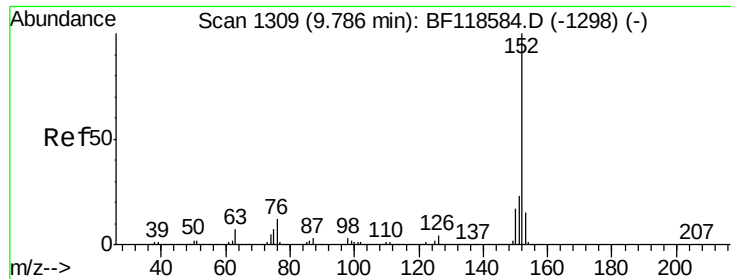
#48
2-Nitroaniline
Concen: 24.639 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.4	83.0
138	98.4	85.0	127.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 23.860 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:152 Resp: 1894190

Ion Ratio Lower Upper

152 100

151 21.1 18.6 27.8

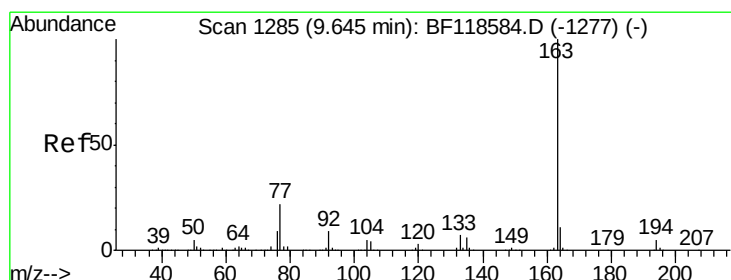
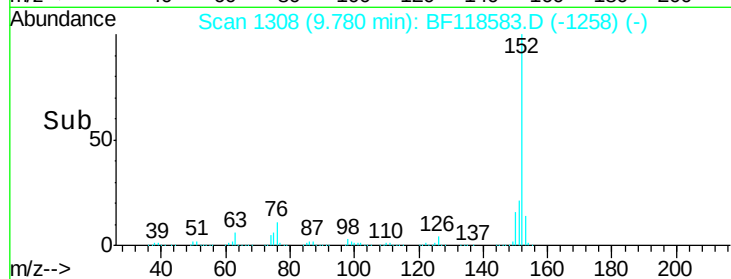
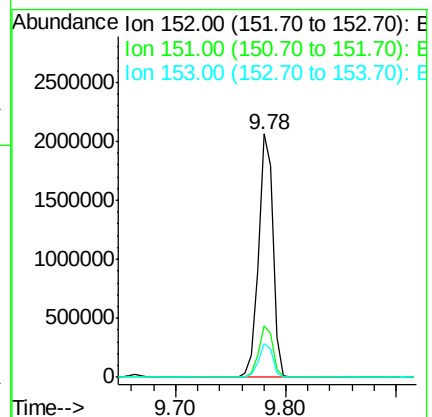
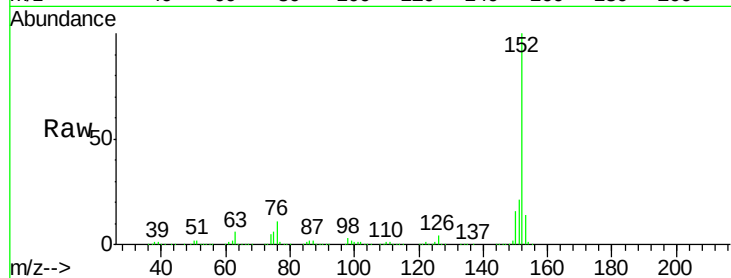
153 14.1 12.2 18.4

Manual Integrations

APPROVED

mohammad

1/21/2020 2:25:47 PM



#50

Dimethylphthalate

Concen: 22.559 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

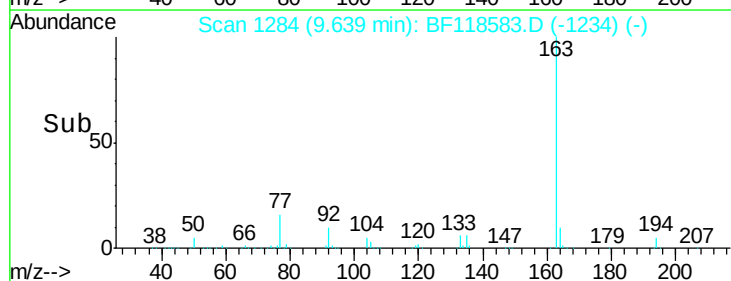
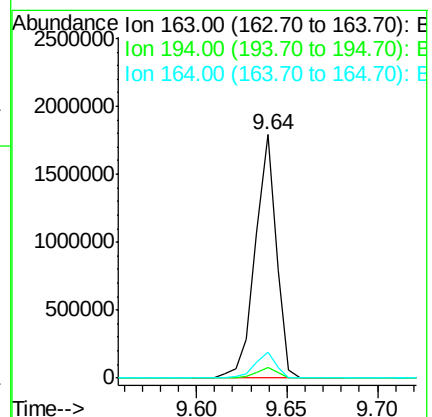
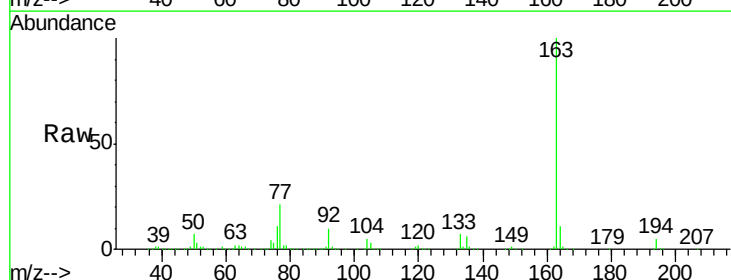
Tgt Ion:163 Resp: 1446010

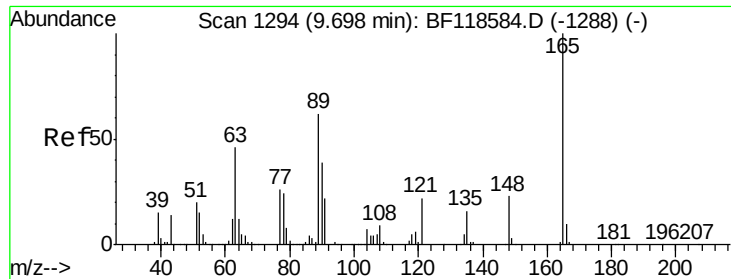
Ion Ratio Lower Upper

163 100

194 4.5 3.9 5.9

164 10.5 9.1 13.7





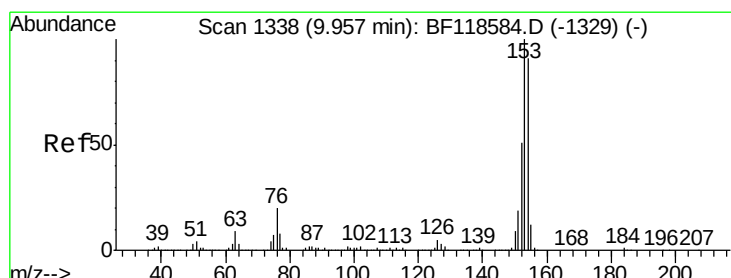
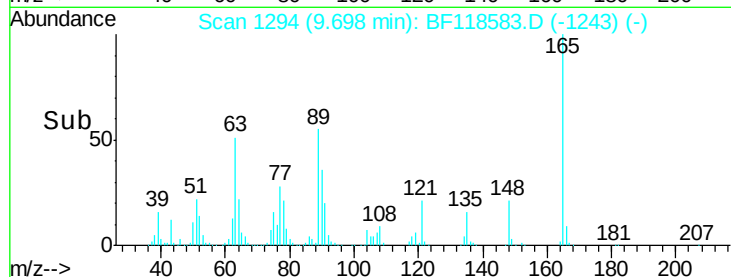
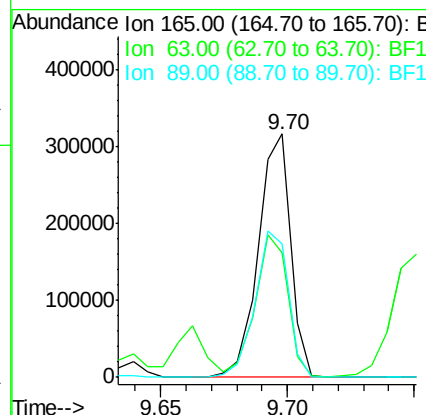
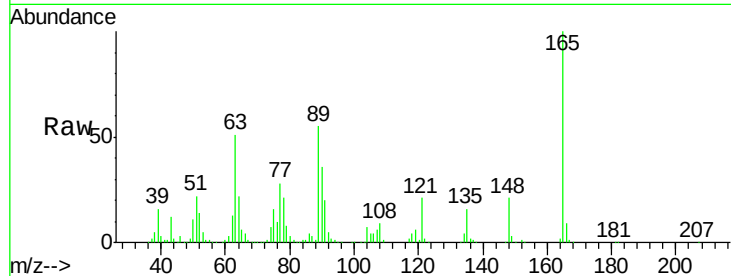
#51
 2,6-Dinitrotoluene
 Concen: 23.114 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	282689		
63	51.2	48.9	73.3	
89	55.0	49.8	74.6	

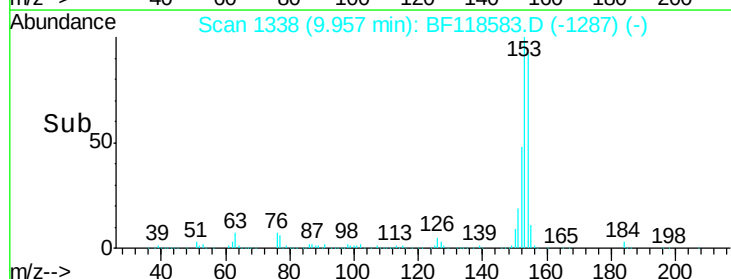
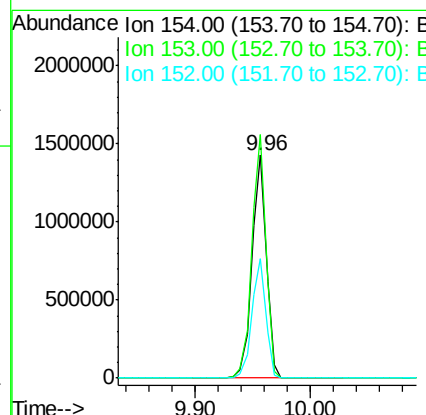
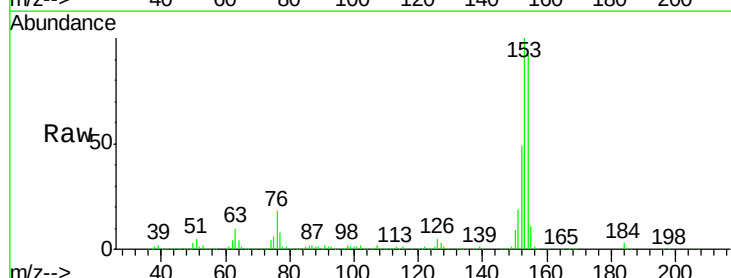
Manual Integrations
 APPROVED

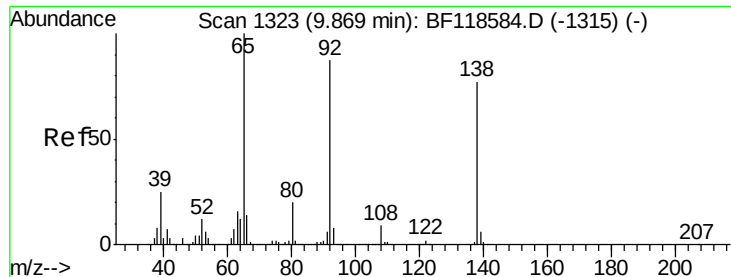
mohammad
 1/21/2020 2:25:47 PM



#52
 Acenaphthene
 Concen: 23.500 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1222133		
153	109.2	87.6	131.4	
152	53.8	44.4	66.6	





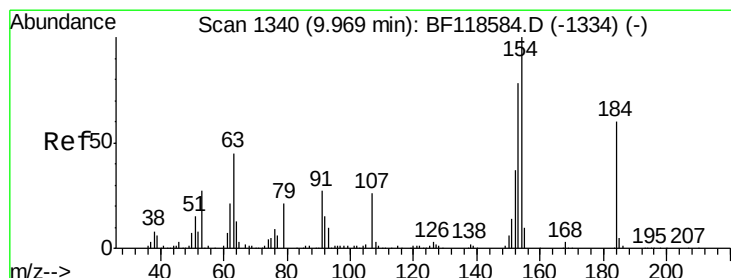
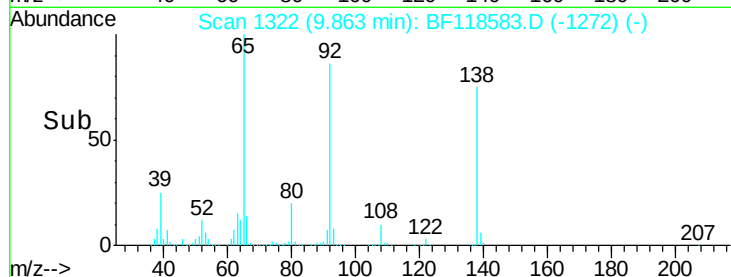
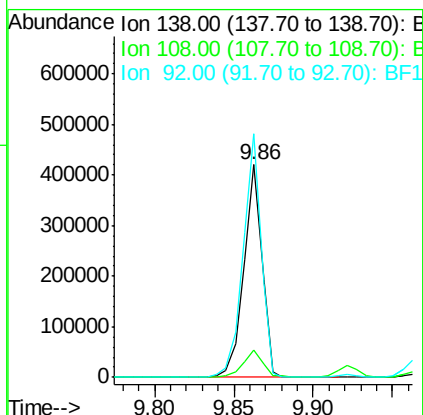
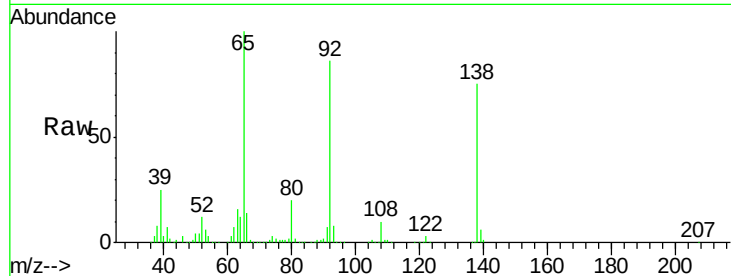
#53
3-Nitroaniline
Concen: 24.121 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	9.6	14.4
92	114.4	90.6	136.0

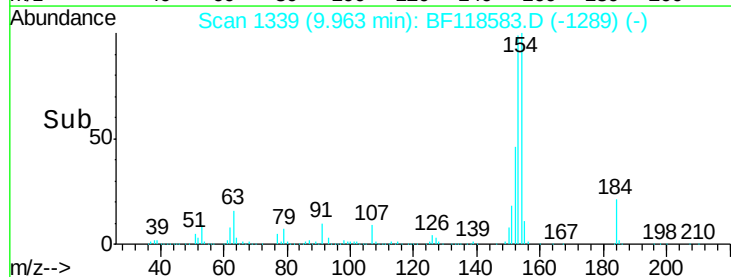
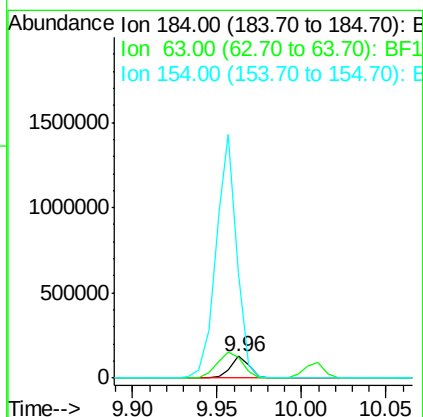
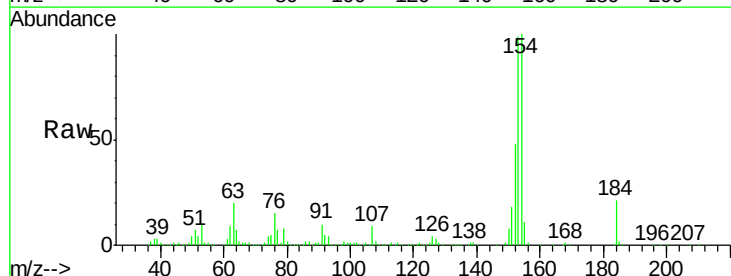
Manual Integrations
APPROVED

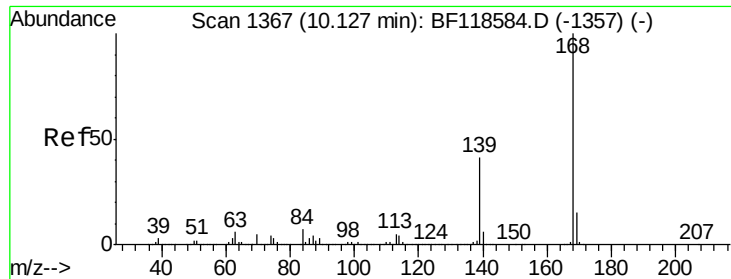
mohammad
1/21/2020 2:25:47 PM



#54
2,4-Dinitrophenol
Concen: 23.243 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	97.9	60.6	90.8#
154	486.0	137.3	205.9#





#55

Dibenzofuran

Concen: 23.798 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

Tot Ion:168 Resp: 1751439

Ion Ratio Lower Upper

168 100

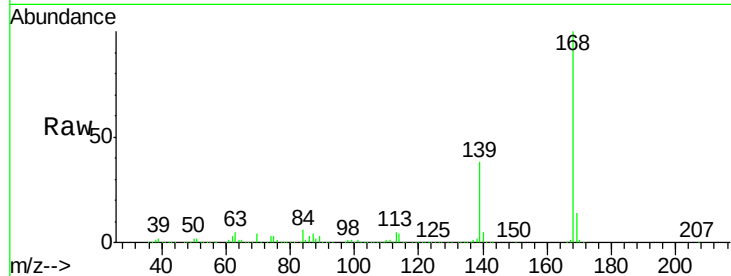
139 38.4 32.7 49.1

169 14.3 12.2 18.2

Manual Integrations
APPROVED

mohammad

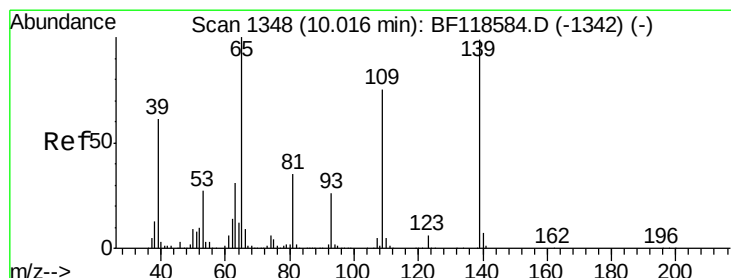
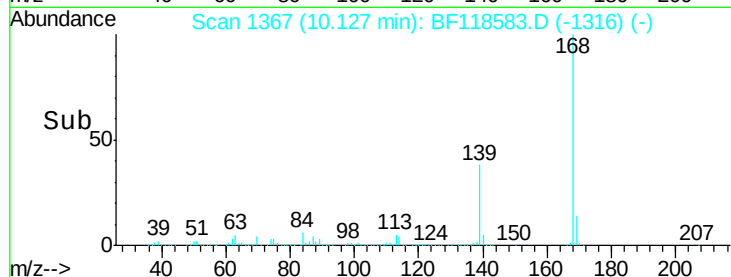
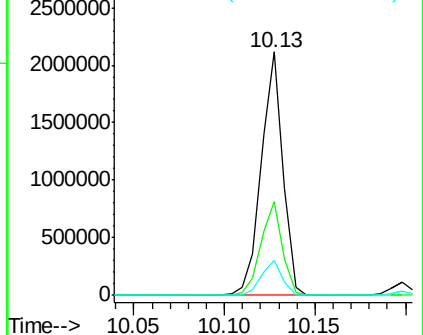
1/21/2020 2:25:47 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 24.371 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

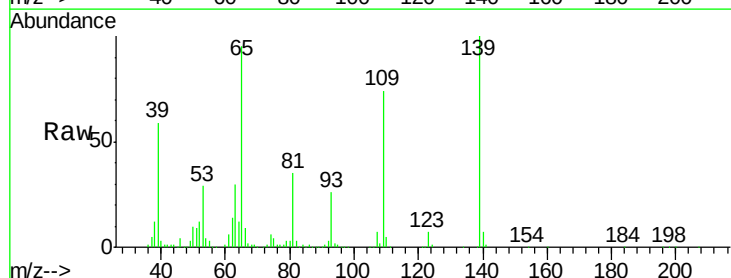
Tgt Ion:139 Resp: 249421

Ion Ratio Lower Upper

139 100

109 73.6 56.0 96.0

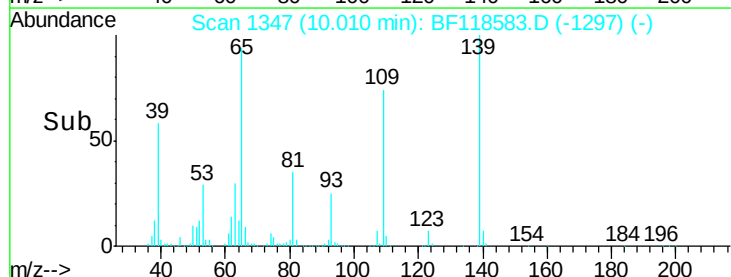
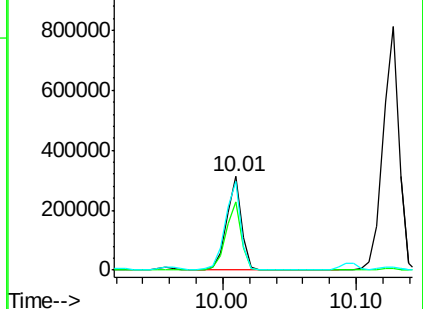
65 94.7 81.4 121.4

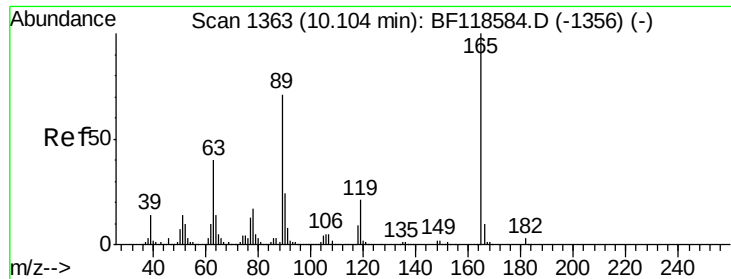


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





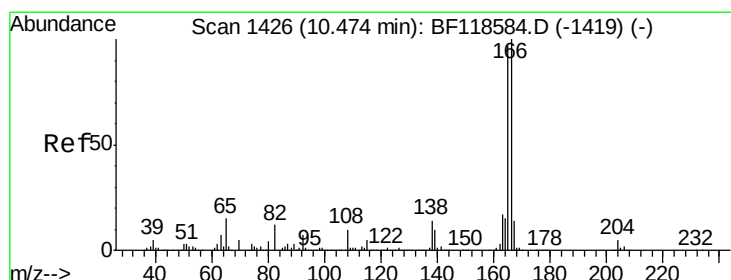
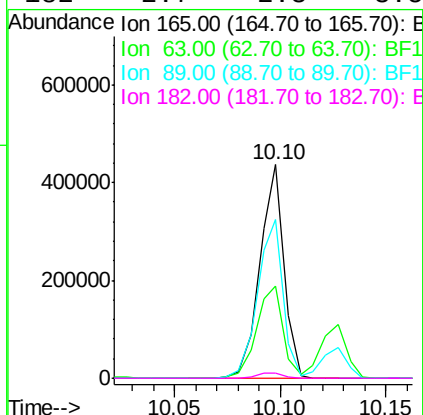
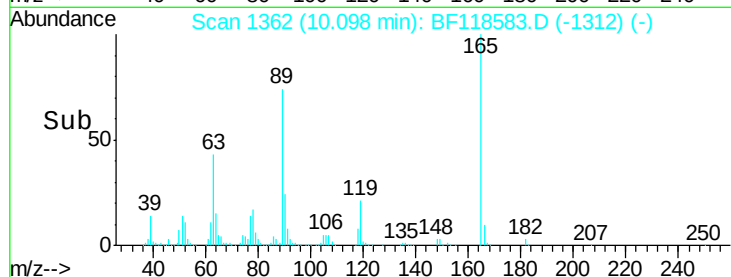
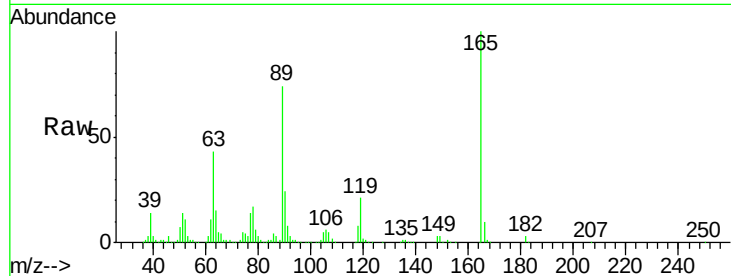
#57
2,4-Dinitrotoluene
Concen: 23.357 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	32.4	48.6
89	74.4	56.4	84.6
182	2.7	2.3	3.5

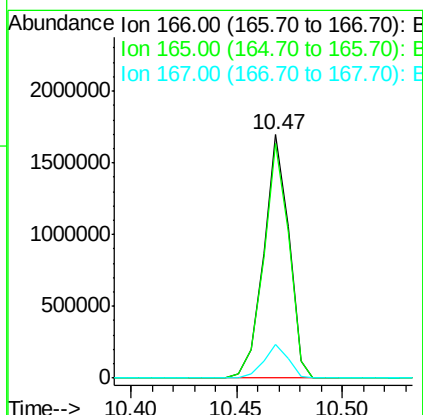
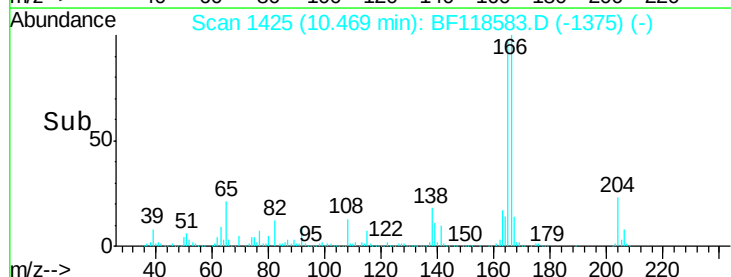
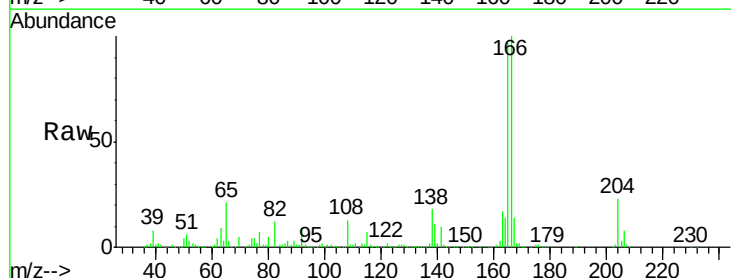
Manual Integrations
APPROVED

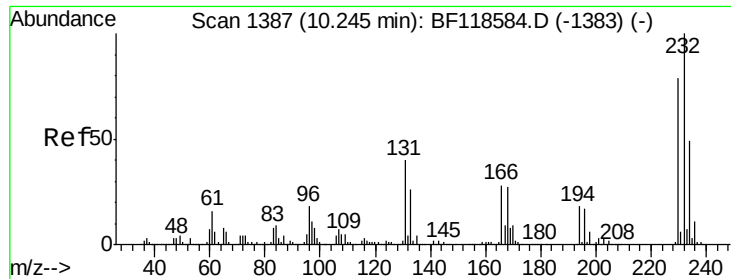
mohammad
1/21/2020 2:25:47 PM



#58
Fluorene
Concen: 24.594 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.3	115.9
167	13.9	11.5	17.3





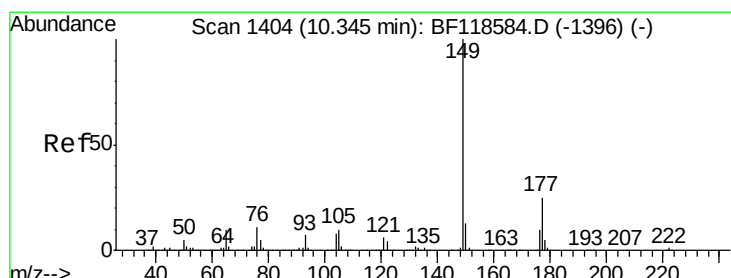
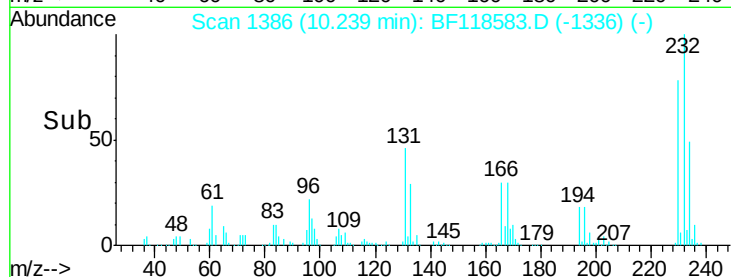
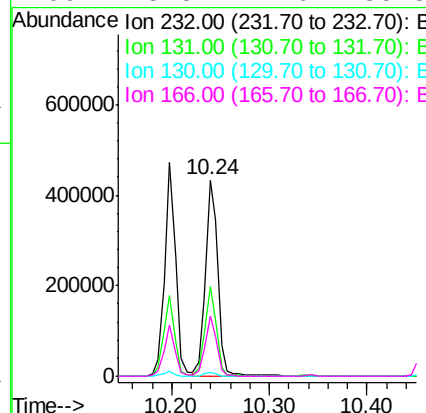
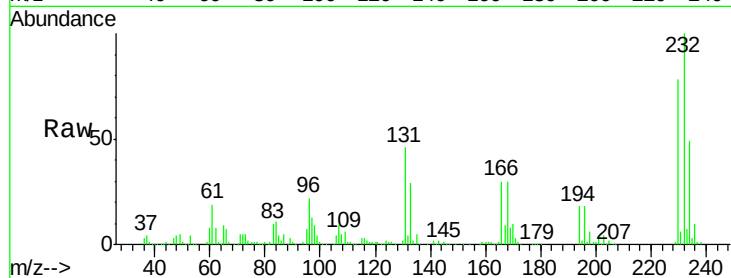
#59
2,3,4,6-Tetrachlorophenol
Concen: 23.003 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		381709		
131	42.9	33.2	49.8		
130	2.1	1.8	2.6		
166	28.8	22.6	33.8		

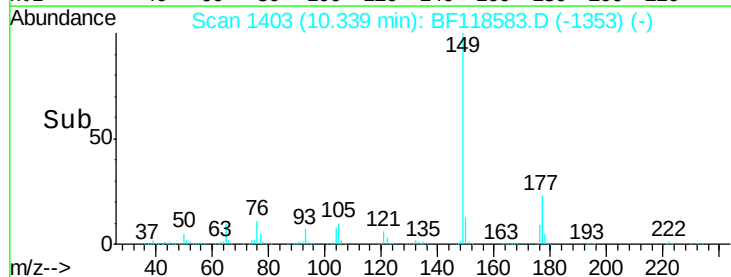
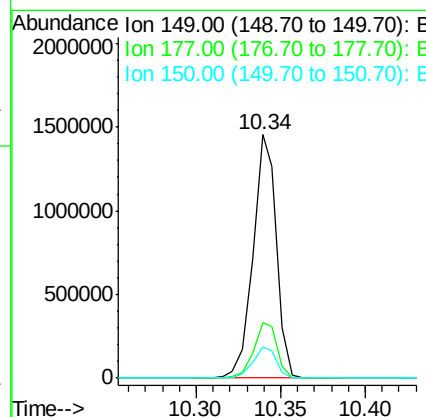
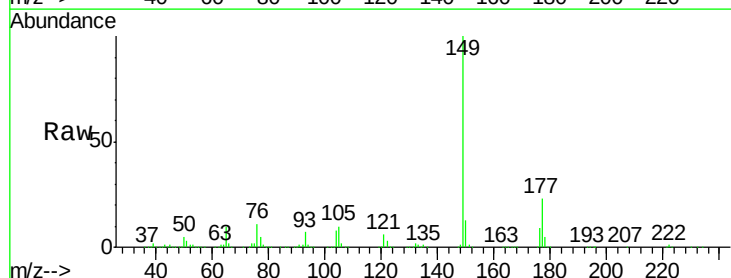
Manual Integrations
APPROVED

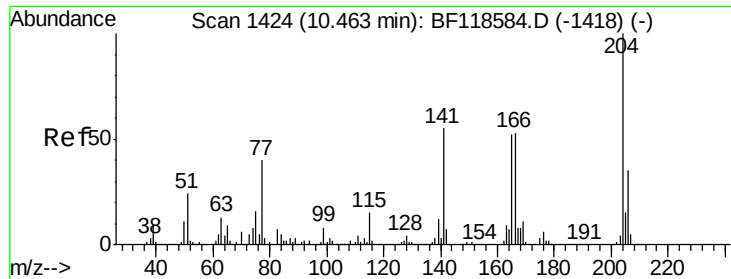
mohammad
1/21/2020 2:25:47 PM



#60
Diethylphthalate
Concen: 22.370 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1399848		
177	22.9	20.0	30.0		
150	13.0	10.6	16.0		





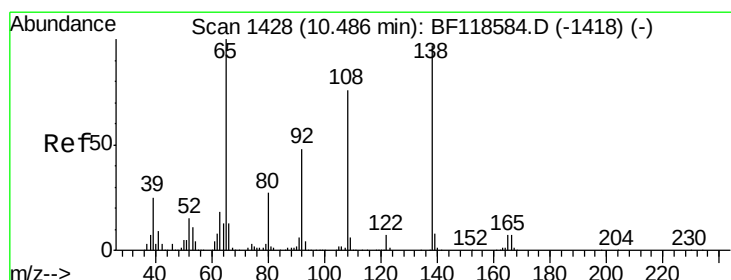
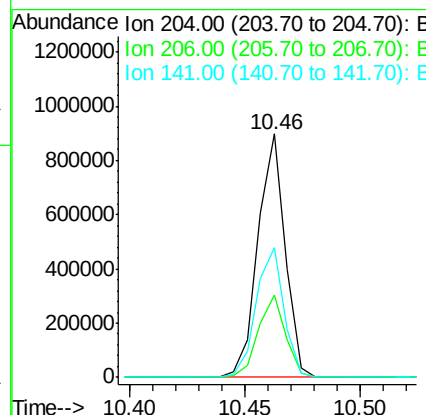
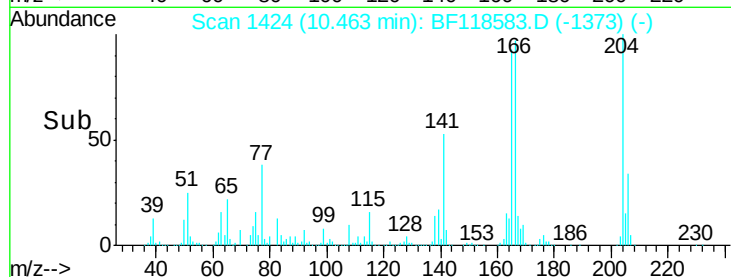
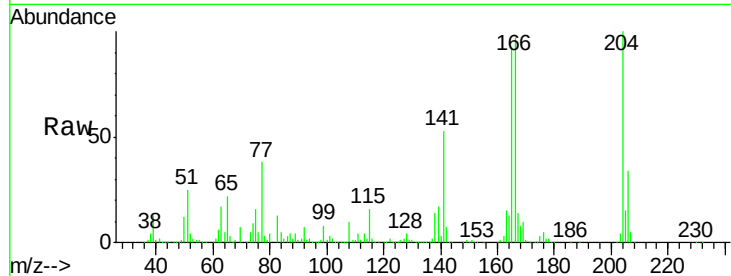
#61
 4-Chlorophenyl-phenylether
 Concen: 23.761 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:	204	Resp:	740826
Ion Ratio		Lower	Upper
204	100		
206	34.0	27.8	41.6
141	53.5	43.7	65.5

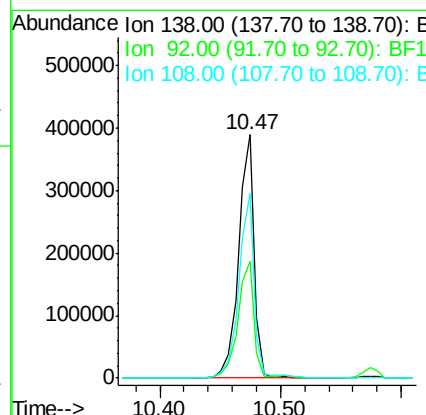
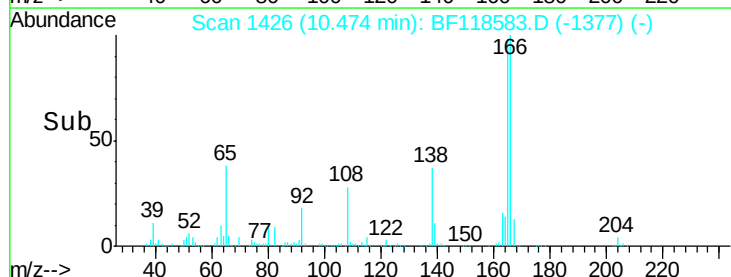
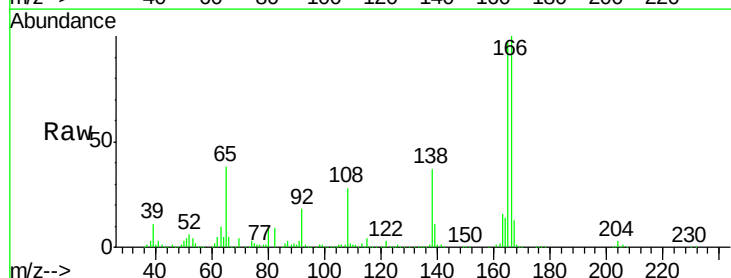
Manual Integrations
 APPROVED

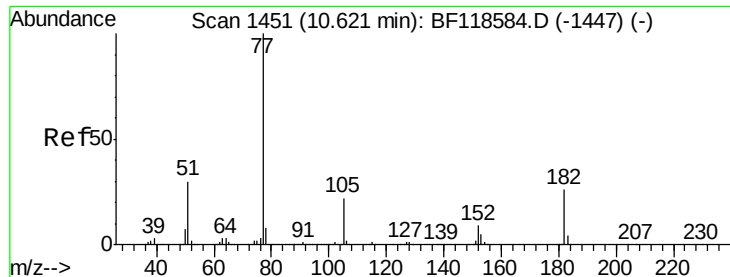
mohammad
 1/21/2020 2:25:47 PM



#62
 4-Nitroaniline
 Concen: 25.195 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Tgt Ion:	138	Resp:	346686
Ion Ratio		Lower	Upper
138	100		
92	47.9	29.4	69.4
108	75.8	58.2	98.2





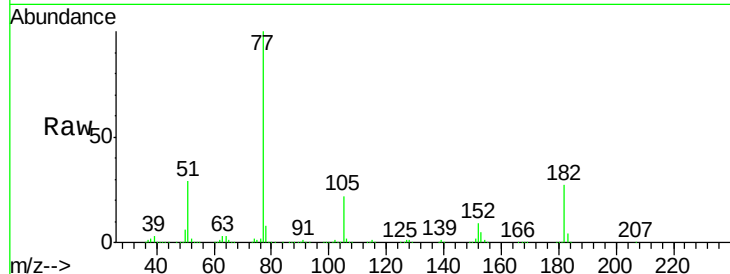
#63
Azobenzene
Concen: 22.798 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	5.6	45.6
105	21.6	2.0	42.0
51	28.9	10.2	50.2

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



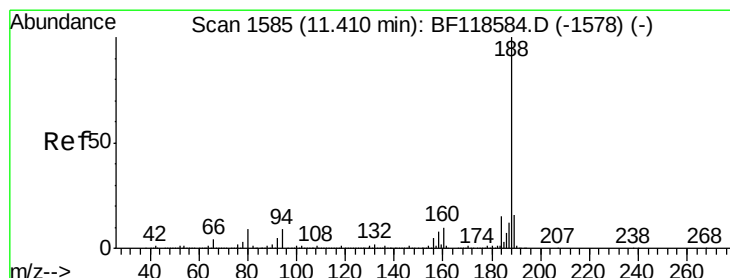
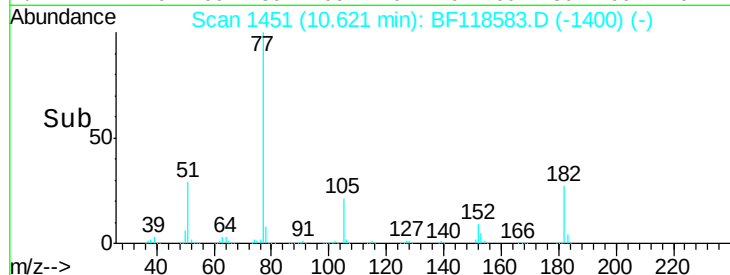
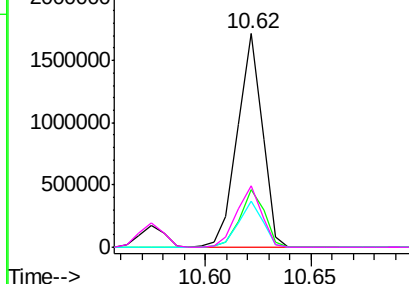
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

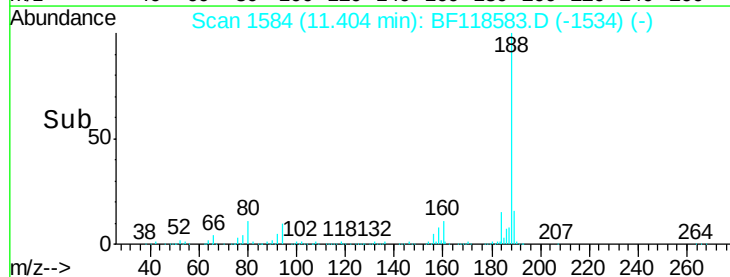
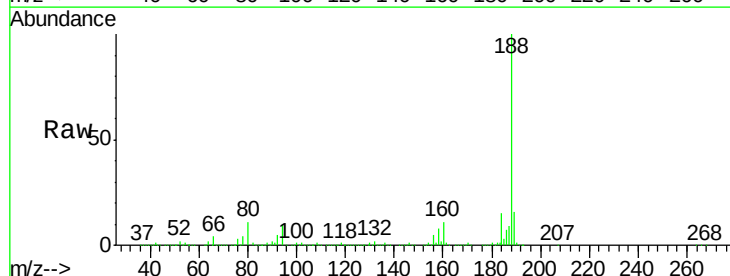
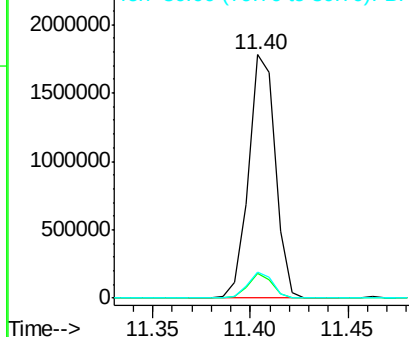
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	10.9	7.5	11.3

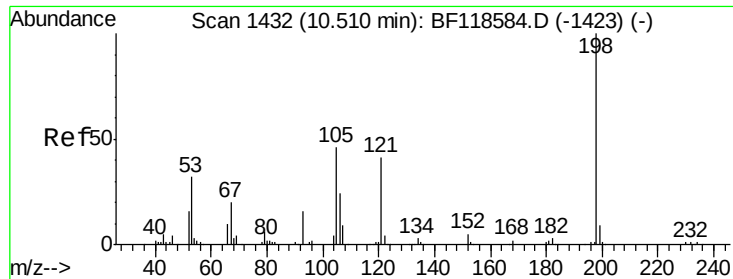
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 22.444 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

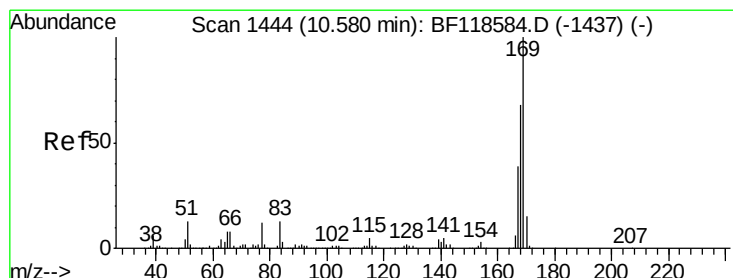
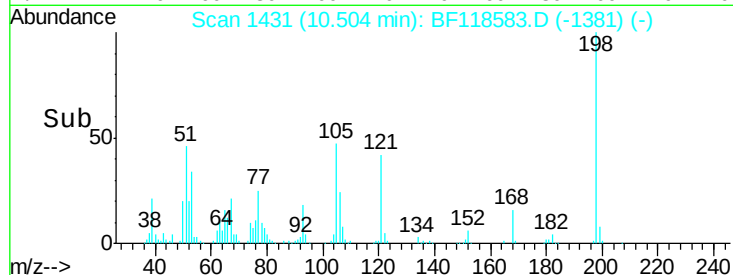
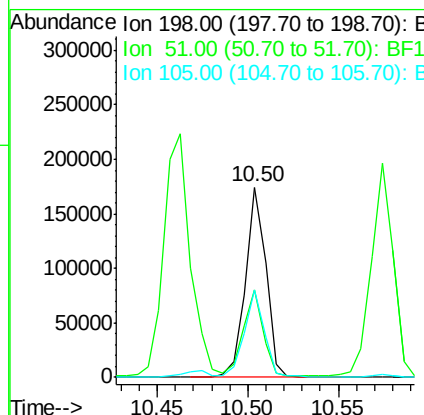
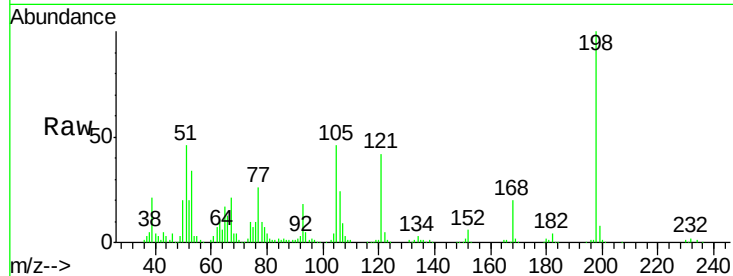
ClientSampleId :

SSTDIC020

Tot Ion:	198	Resp:	136177
Ion Ratio	Lower	Upper	
198	100		
51	45.9	25.2	65.2
105	46.4	26.3	66.3

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#66

n-Nitrosodiphenylamine

Concen: 22.605 ng

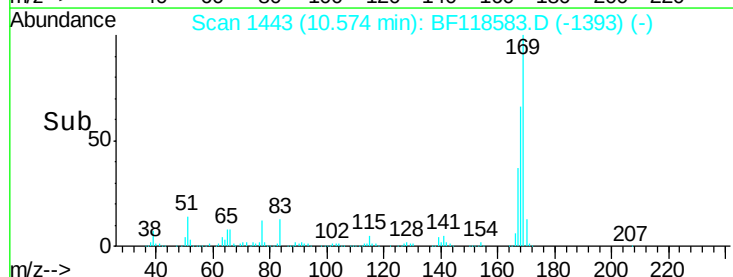
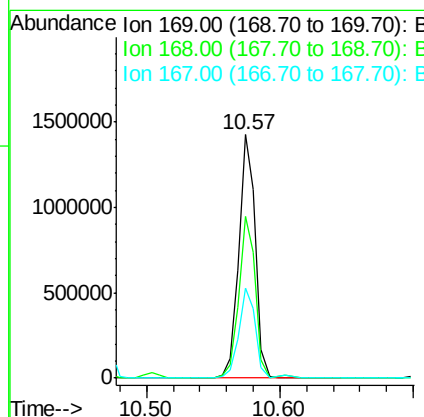
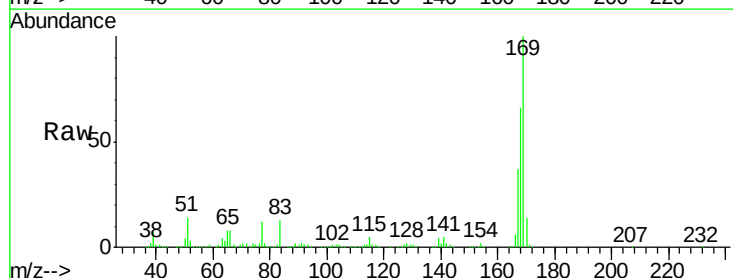
RT: 10.57 min Scan# 1443

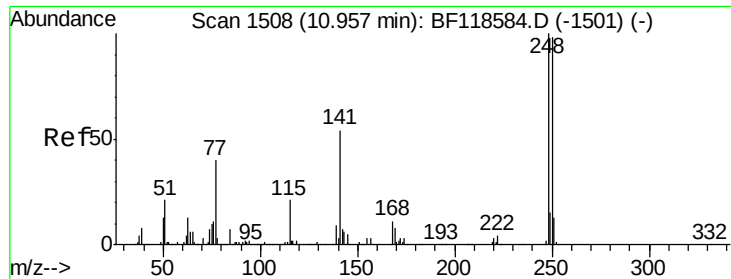
Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	169	Resp:	1231267
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.6	82.0
167	36.9	30.9	46.3





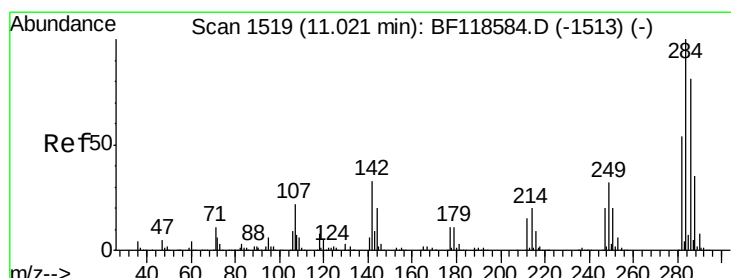
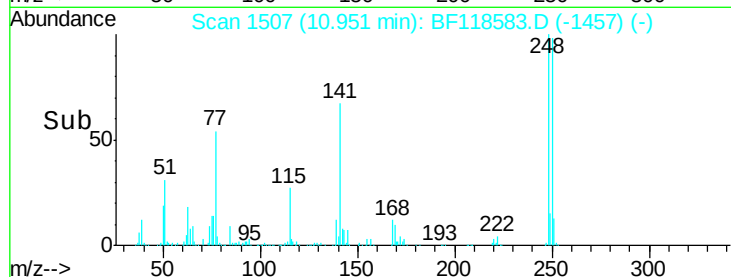
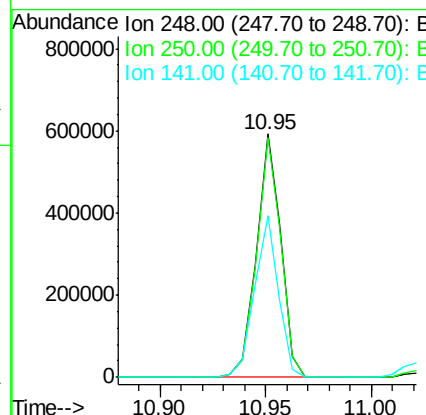
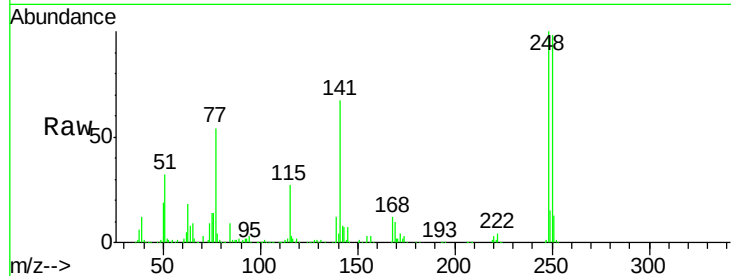
#67
4-Bromophenyl-phenylether
Concen: 20.920 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.7	118.1
141	66.5	43.2	64.8

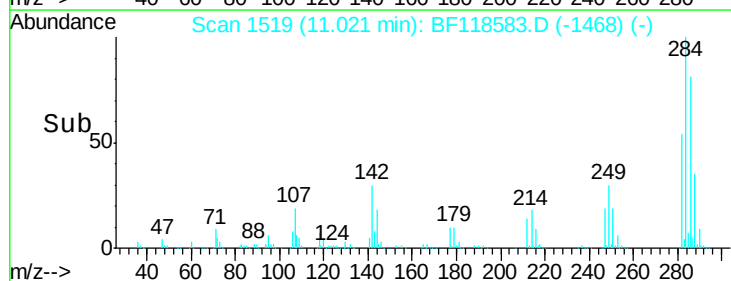
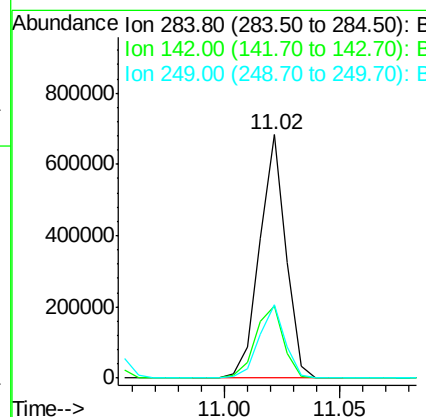
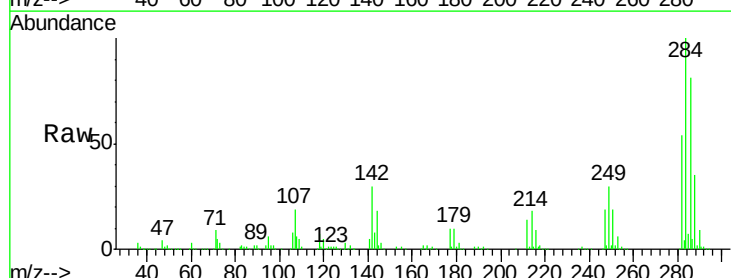
Manual Integrations
APPROVED

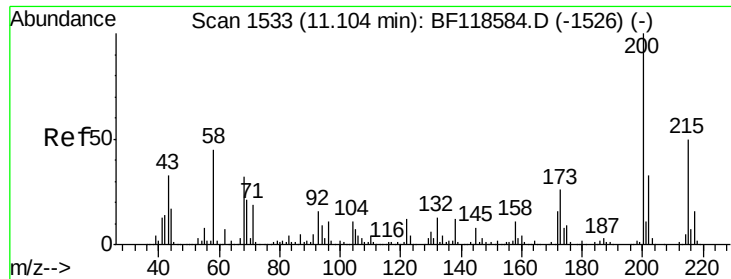
mohammad
1/21/2020 2:25:47 PM



#68
Hexachlorobenzene
Concen: 21.600 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	26.6	39.8
249	30.3	25.2	37.8





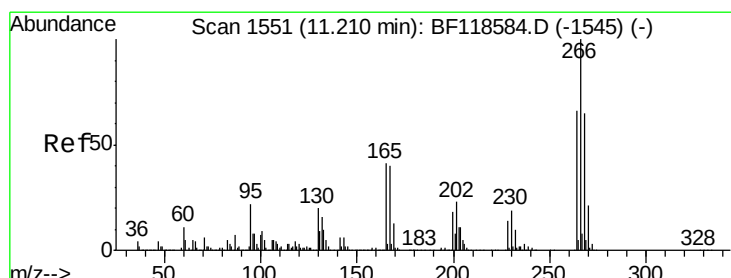
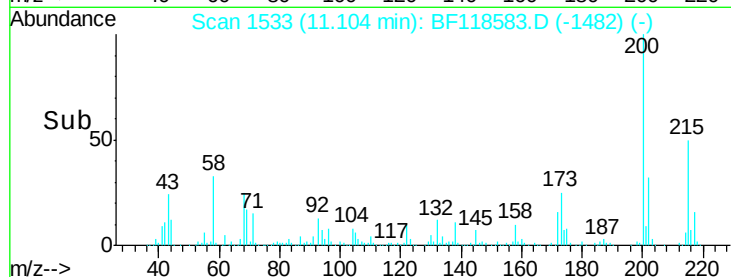
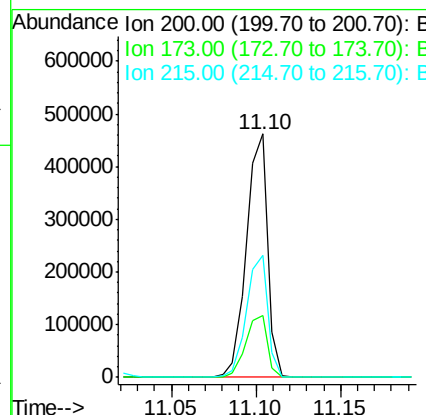
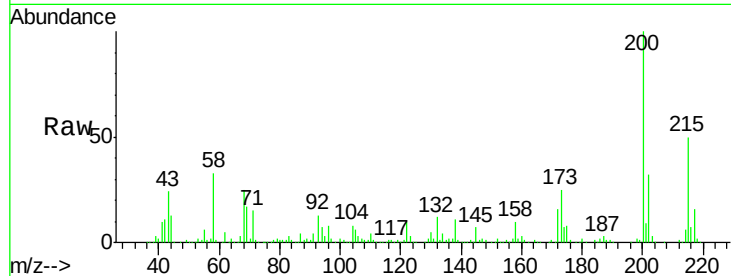
#69
Atrazine
Concen: 25.725 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	6.3	46.3
215	50.2	30.2	70.2

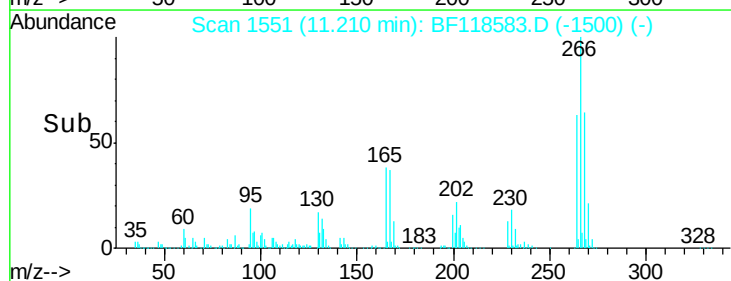
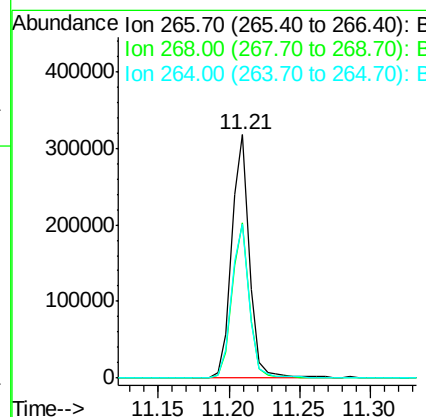
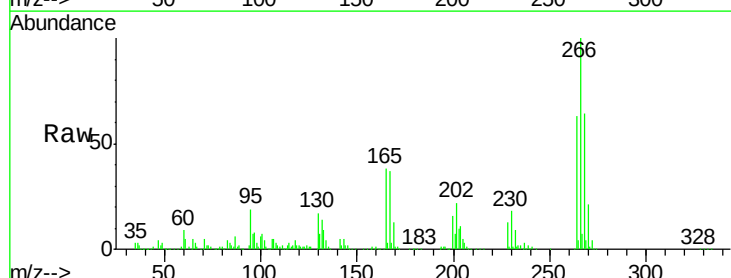
Manual Integrations
APPROVED

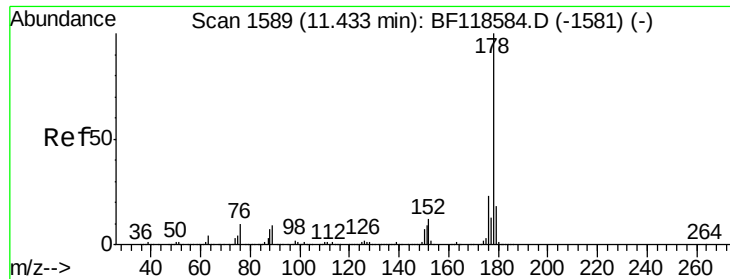
mohammad
1/21/2020 2:25:47 PM



#70
Pentachlorophenol
Concen: 22.403 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.1	78.1
264	63.2	52.4	78.6





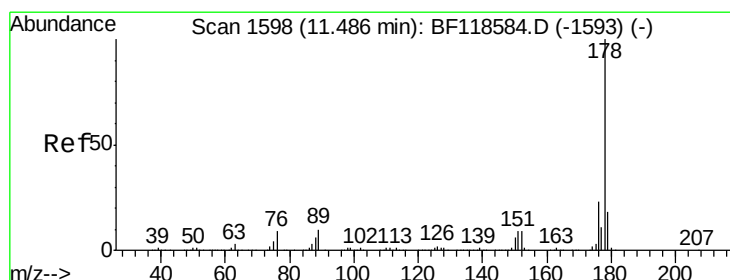
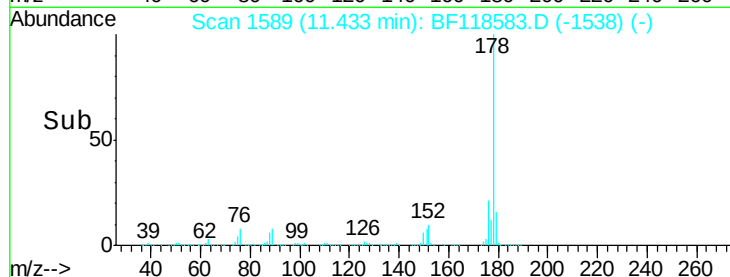
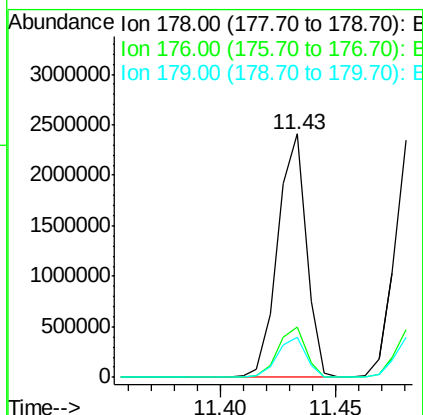
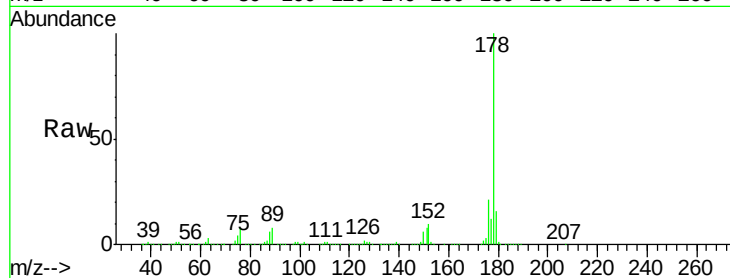
#71
Phenanthrene
Concen: 24.274 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:178 Resp: 2068315
Ion Ratio Lower Upper
178 100
176 20.8 18.6 27.8
179 16.4 14.7 22.1

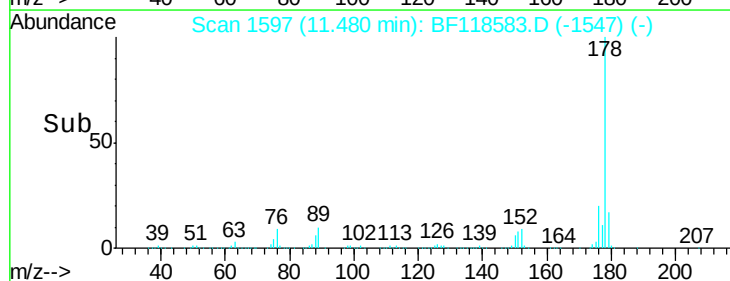
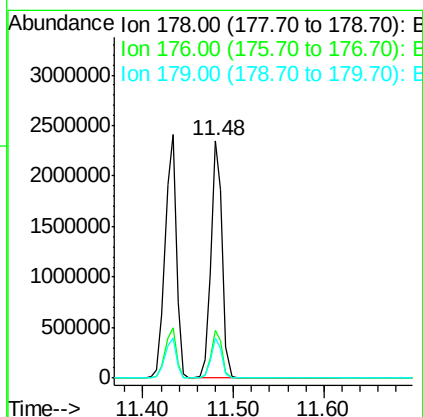
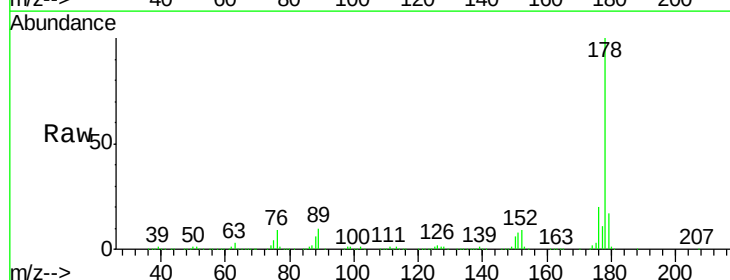
Manual Integrations
APPROVED

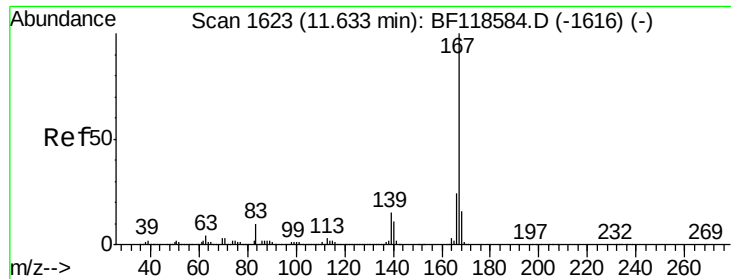
mohammad
1/21/2020 2:25:47 PM



#72
Anthracene
Concen: 24.110 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion:178 Resp: 2049612
Ion Ratio Lower Upper
178 100
176 20.3 18.0 27.0
179 17.1 14.7 22.1





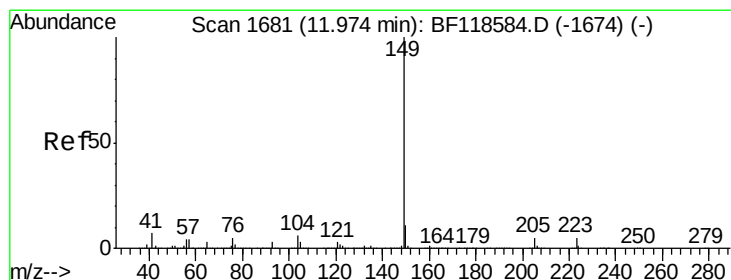
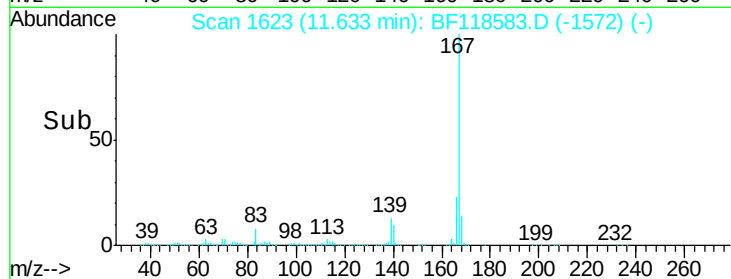
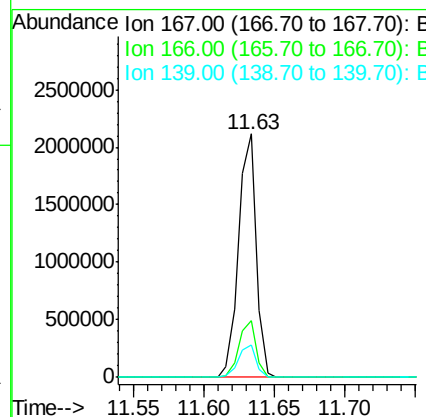
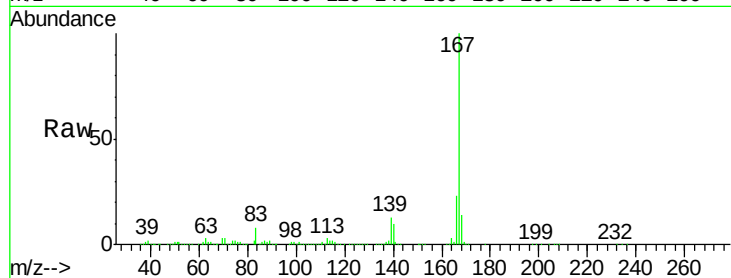
#73
 Carbazole
 Concen: 23.955 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.4	29.2
139	13.3	11.7	17.5

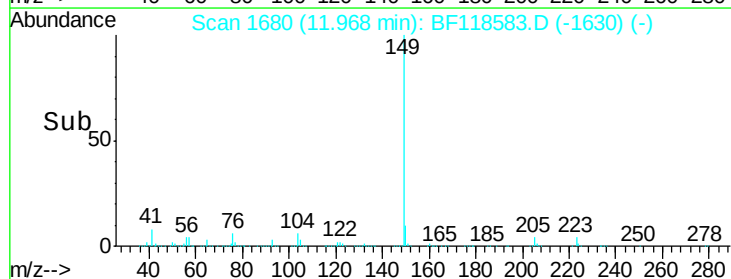
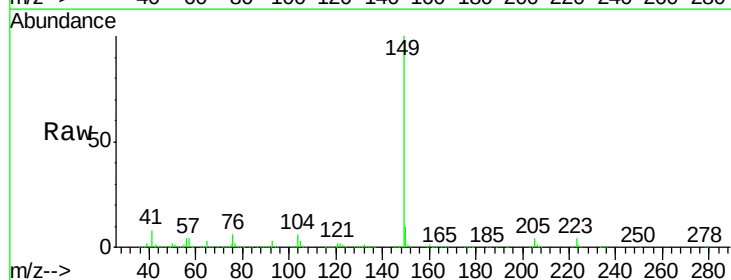
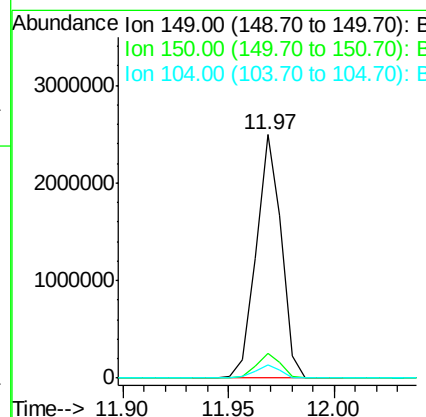
Manual Integrations
 APPROVED

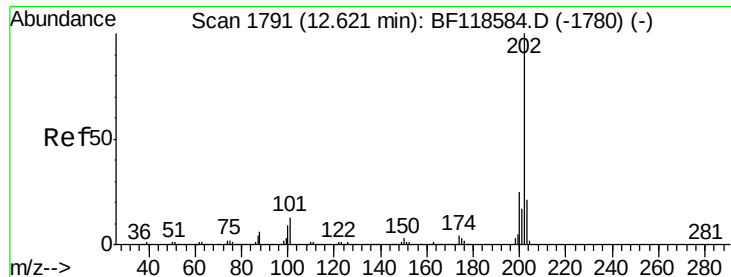
mohammad
 1/21/2020 2:25:47 PM



#74
 Di-n-butylphthalate
 Concen: 21.654 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.7	13.1
104	5.6	4.6	6.8





#75

Fluoranthene

Concen: 23.946 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

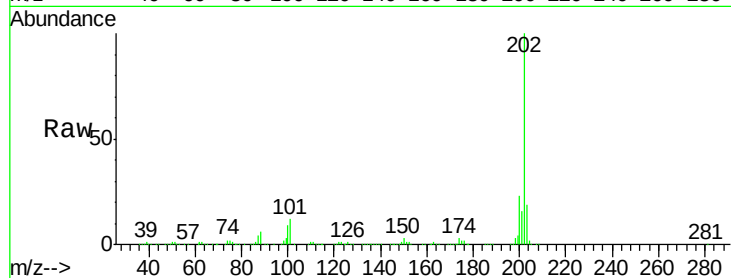
ClientSampleId :

SSTDICC020

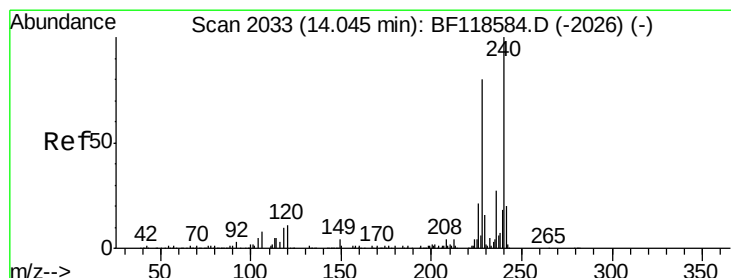
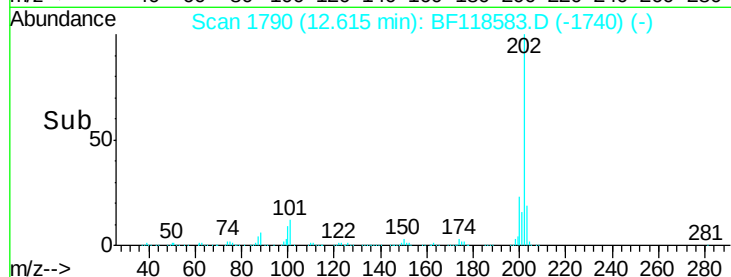
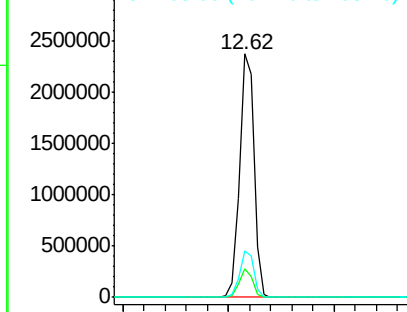
Tot Ion:	202	Resp:	2194245
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.5
203	19.2	0.8	40.8

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

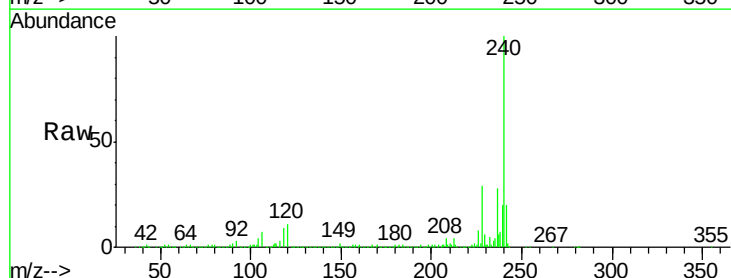
RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

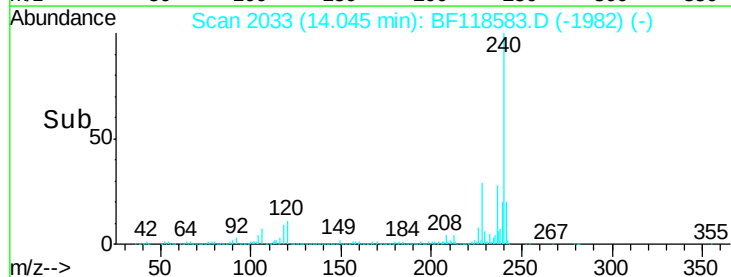
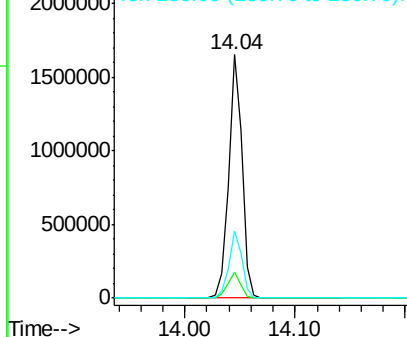
Lab File: BF118583.D

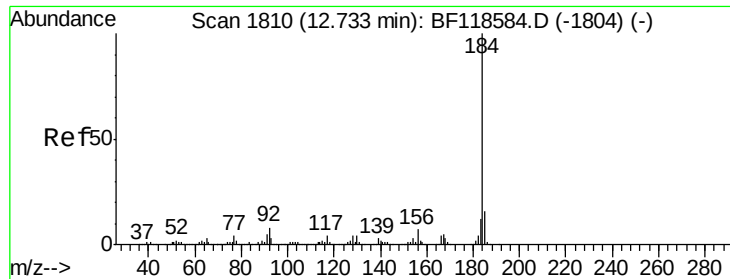
Acq: 20 Jan 2020 11:09

Tgt Ion:	240	Resp:	1402257
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	27.6	21.5	32.3



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





#77

Benzidine

Concen: 28.633 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

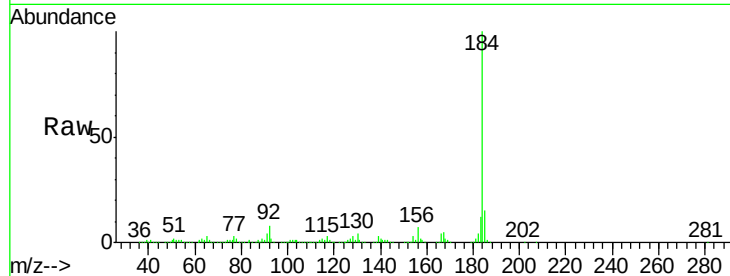
ClientSampleId :

SSTDIC020

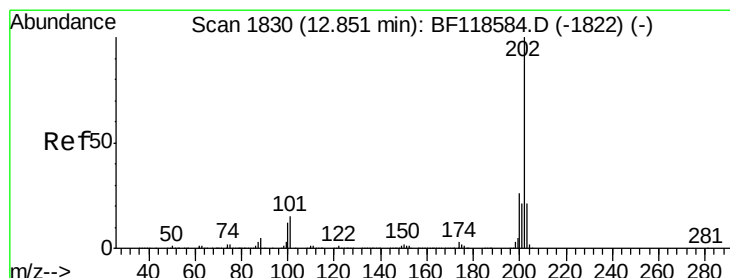
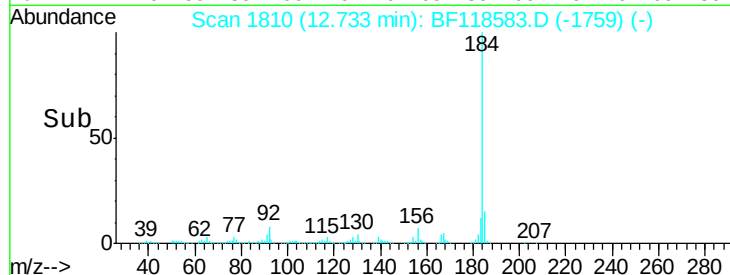
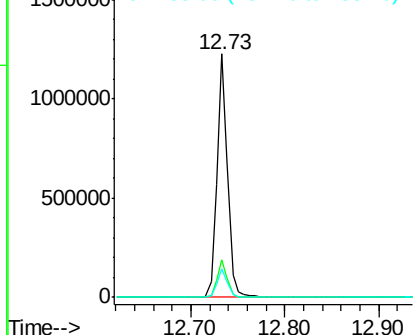
Tot Ion:	184	Resp:	975531
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.9	19.3
183	11.8	9.6	14.4

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.609 ng

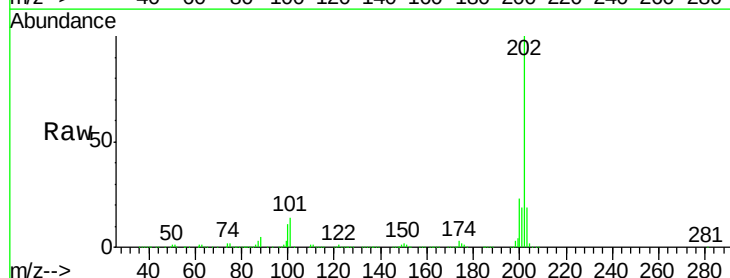
RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

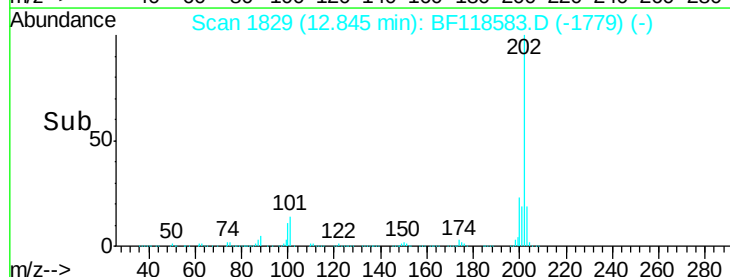
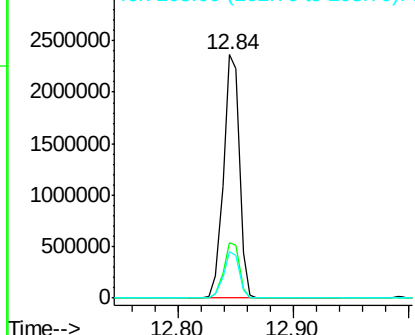
Lab File: BF118583.D

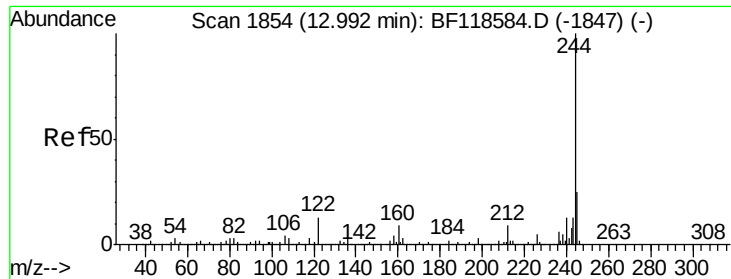
Acq: 20 Jan 2020 11:09

Tgt Ion:	202	Resp:	2261532
Ion Ratio	Lower	Upper	
202	100		
200	22.9	20.6	31.0
203	19.1	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





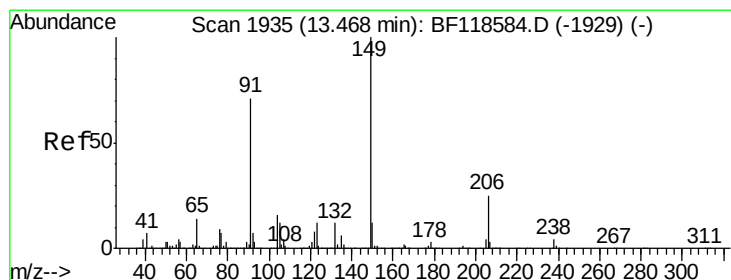
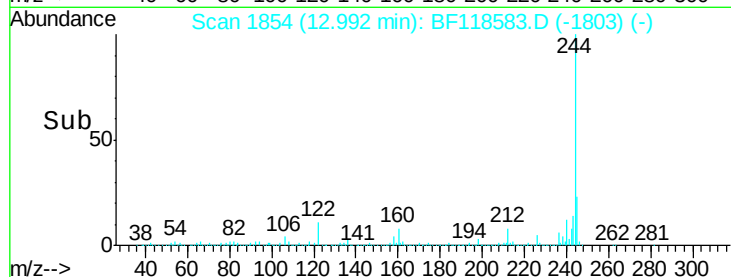
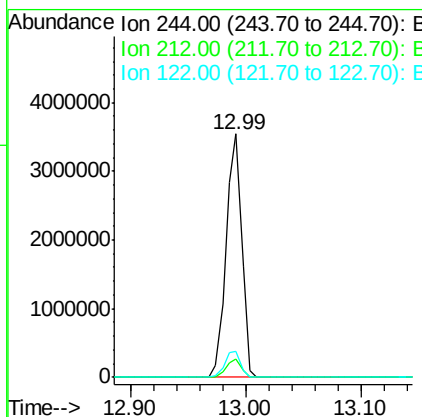
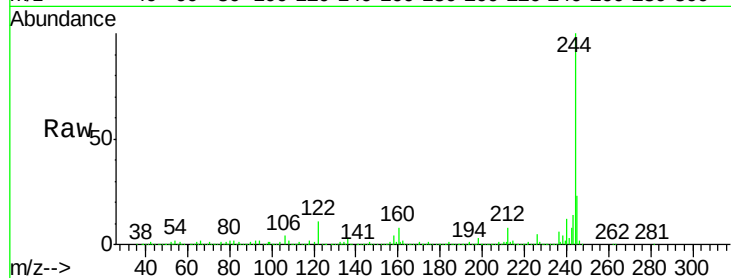
#79
 Terphenyl-d14
 Concen: 46.554 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tot Ion:244 Resp: 3305453
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.0 10.4
 122 10.9 10.7 16.1

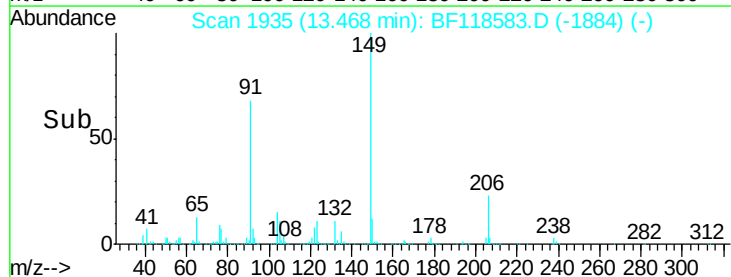
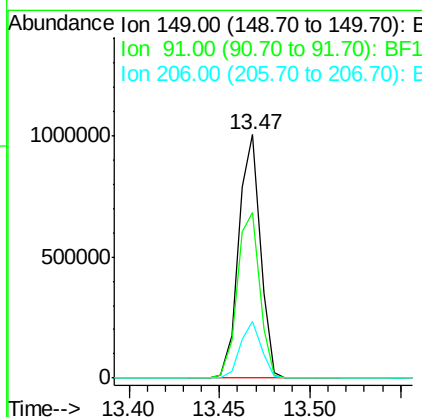
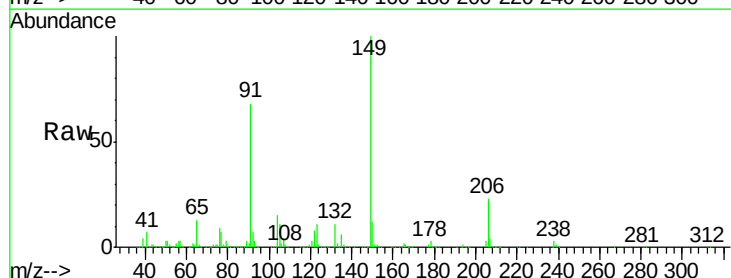
Manual Integrations
 APPROVED

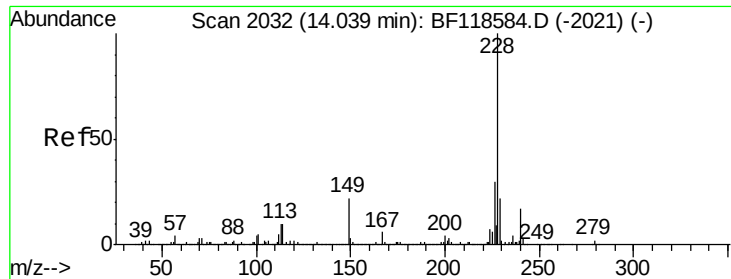
mohammad
 1/21/2020 2:25:47 PM



#80
 Butylbenzylphthalate
 Concen: 18.570 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF118583.D
 Acq: 20 Jan 2020 11:09

Tgt Ion:149 Resp: 833119
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.5 84.7
 206 23.3 19.9 29.9





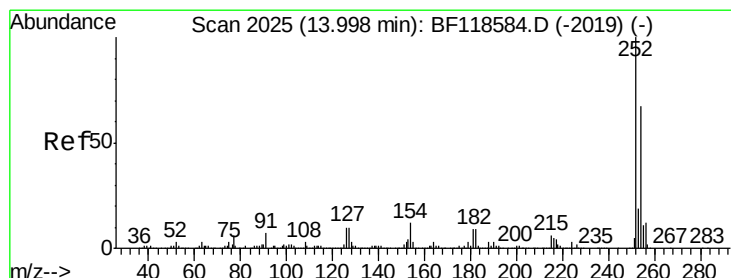
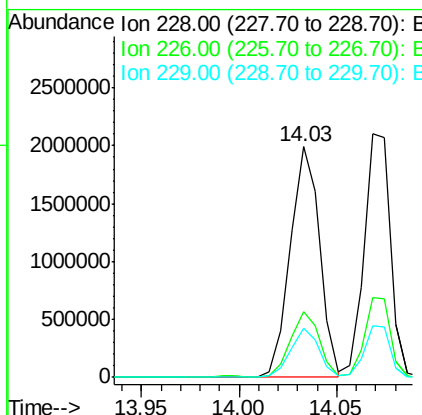
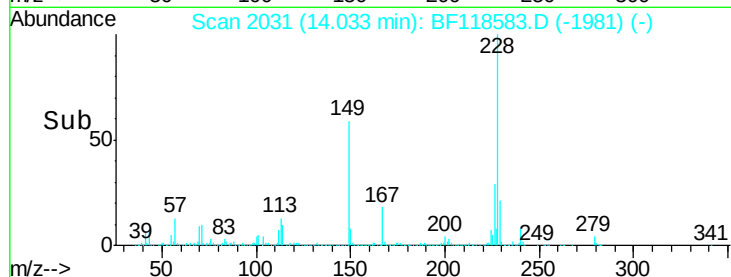
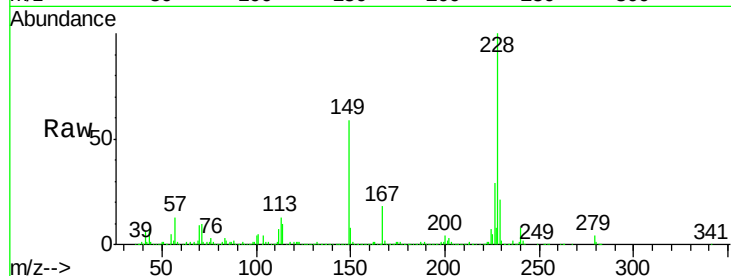
#81
Benzo(a)anthracene
Concen: 23.377 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:228 Resp: 2069075
Ion Ratio Lower Upper
228 100
226 28.6 24.1 36.1
229 21.0 17.6 26.4

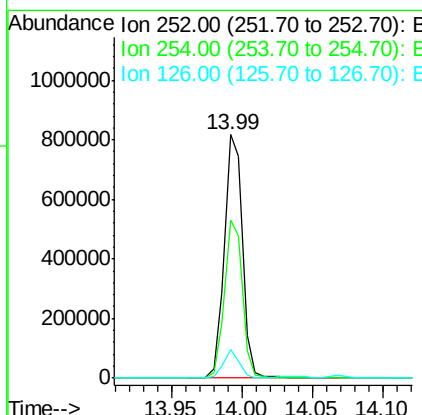
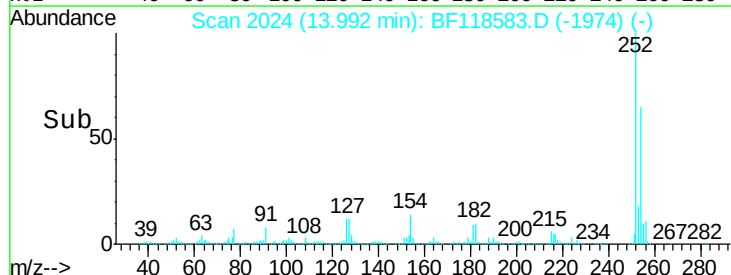
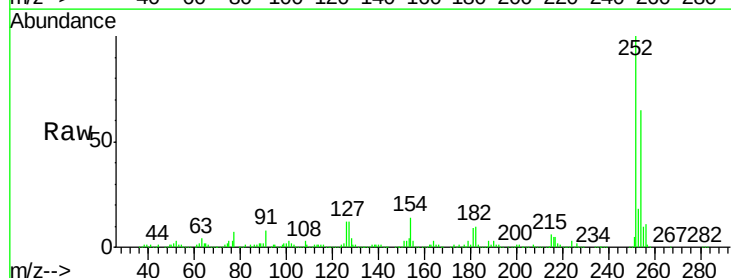
Manual Integrations
APPROVED

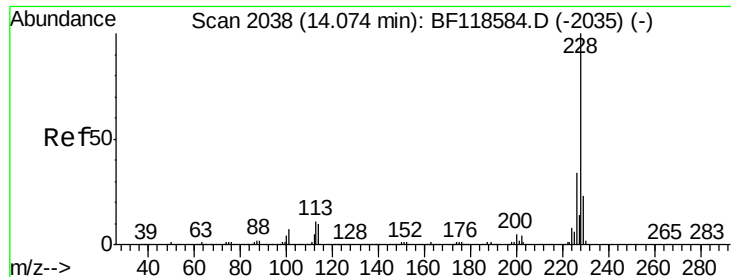
mohammad
1/21/2020 2:25:47 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.503 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion:252 Resp: 729859
Ion Ratio Lower Upper
252 100
254 64.7 53.4 80.2
126 11.6 8.0 12.0





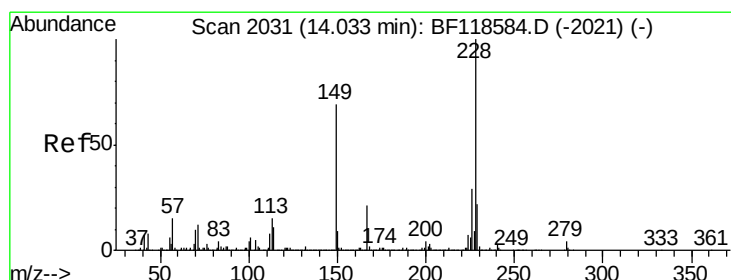
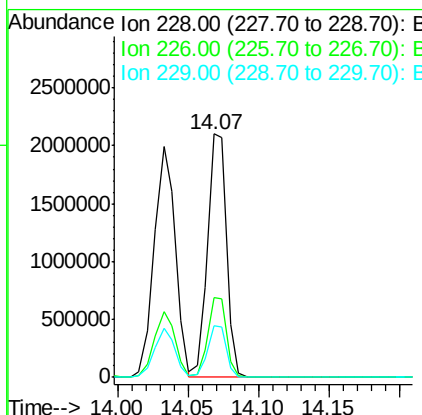
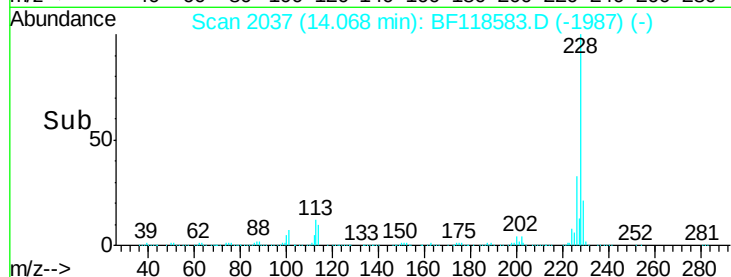
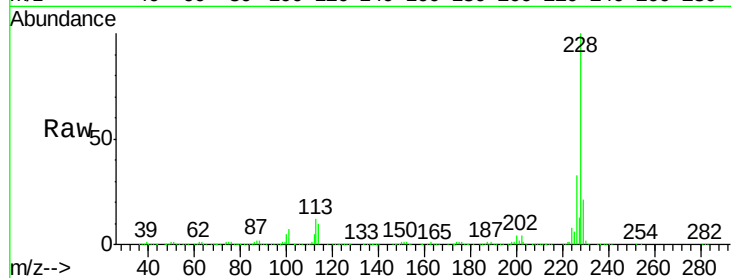
#83
Chrysene
Concen: 23.067 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion:228 Resp: 1963891
Ion Ratio Lower Upper
228 100
226 32.7 27.4 41.0
229 21.4 18.3 27.5

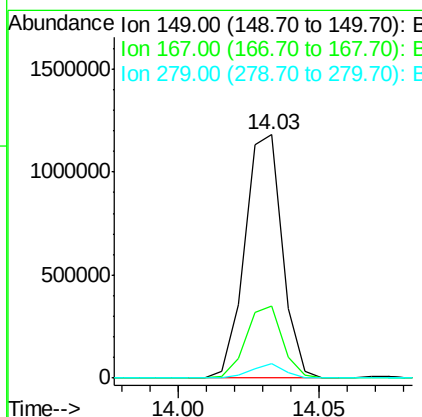
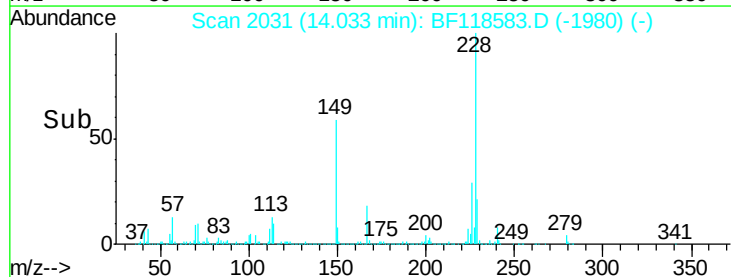
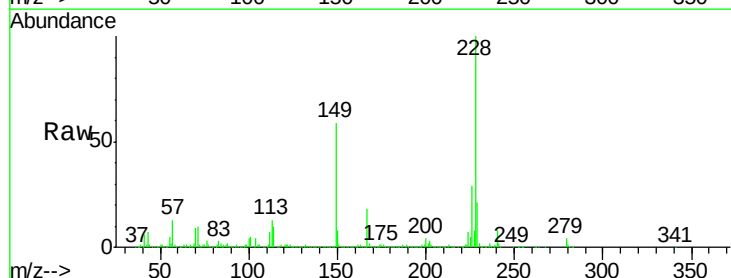
Manual Integrations
APPROVED

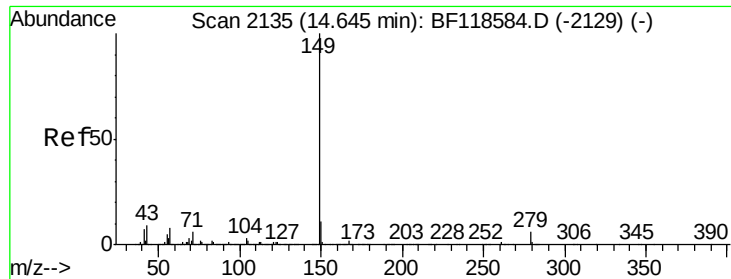
mohammad
1/21/2020 2:25:47 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 19.498 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion:149 Resp: 1085743
Ion Ratio Lower Upper
149 100
167 29.7 24.2 36.4
279 5.9 5.0 7.4





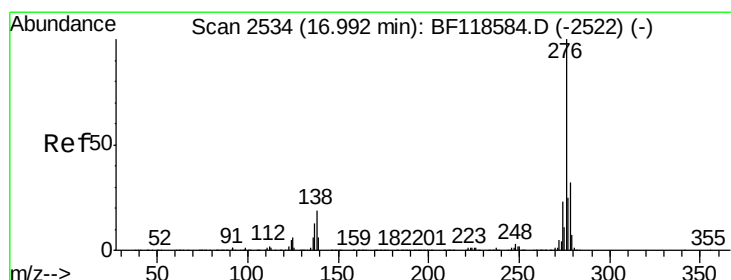
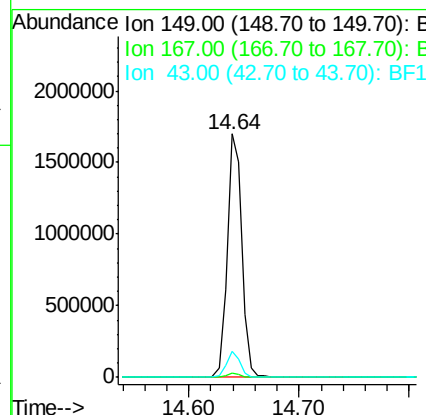
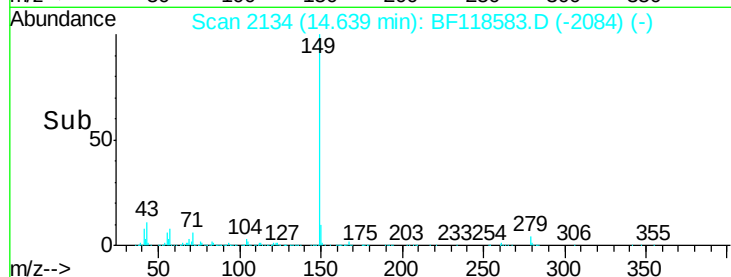
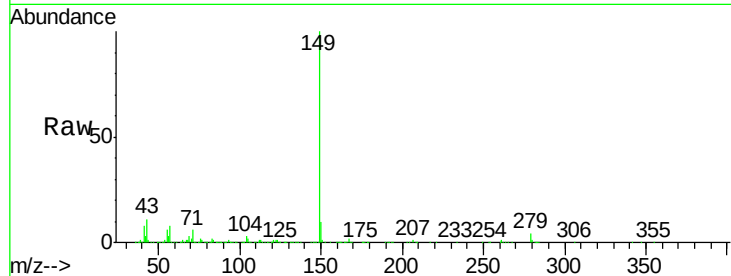
#85
Di-n-octyl phthalate
Concen: 18.387 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.1	8.1	12.1

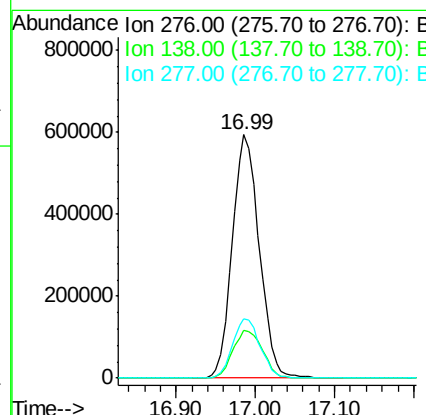
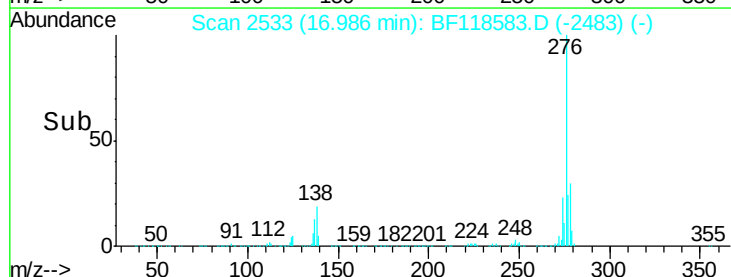
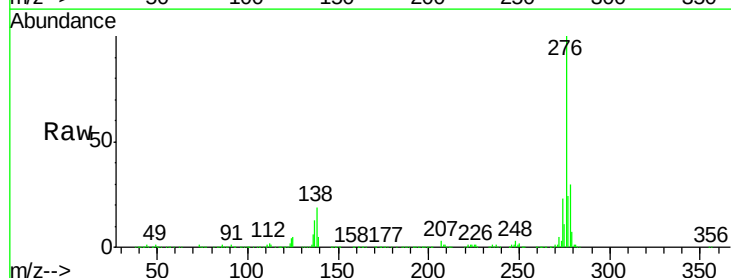
Manual Integrations
APPROVED

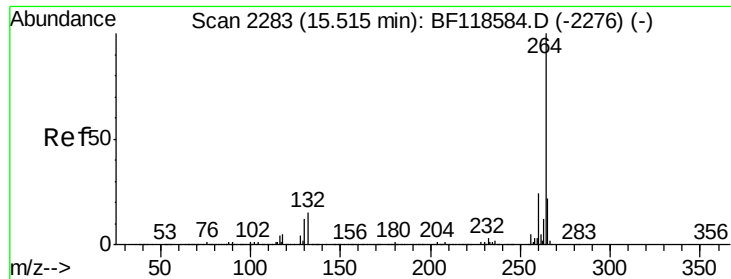
mohammad
1/21/2020 2:25:47 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 16.680 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.2	25.8
277	25.1	20.5	30.7





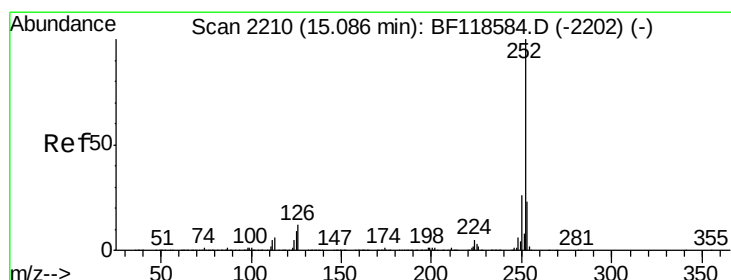
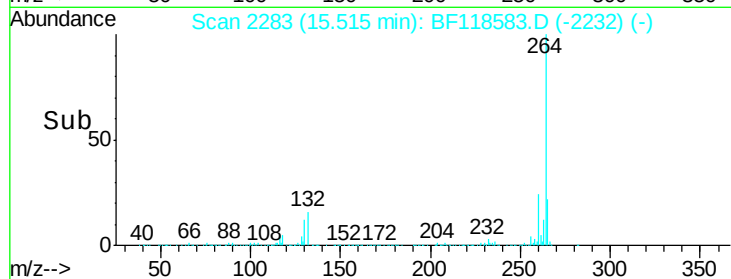
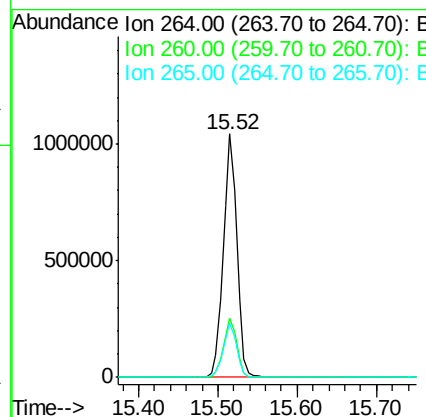
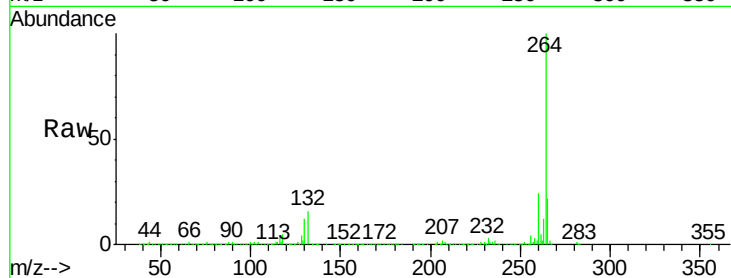
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.3	17.7	26.5

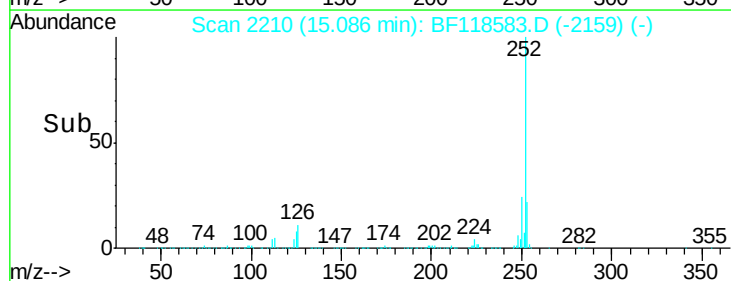
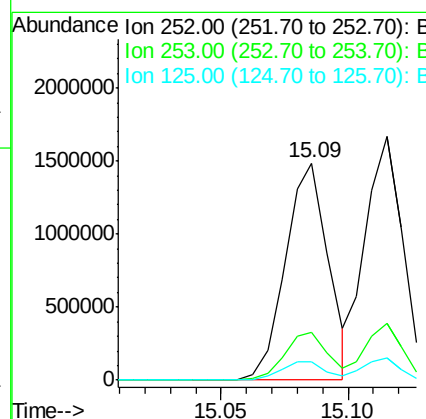
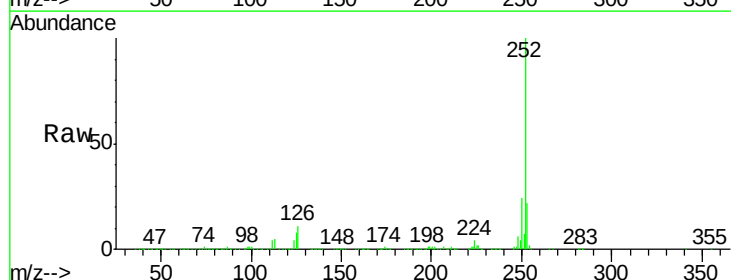
Manual Integrations
APPROVED

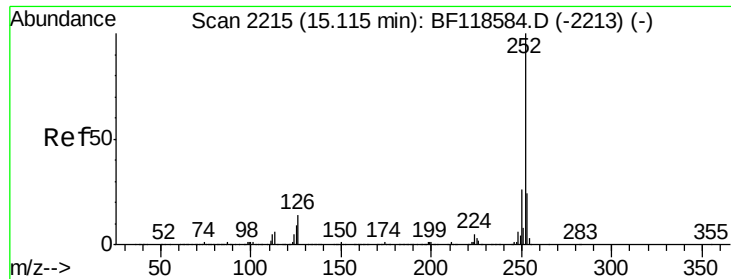
mohammad
1/21/2020 2:25:47 PM



#88
Benzo(b)fluoranthene
Concen: 21.732 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	8.5	7.3	10.9





#89

Benzo(k)fluoranthene

Concen: 23.989 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tot Ion:252 Resp: 1744256

Ion Ratio Lower Upper

252 100

253 23.3 19.0 28.4

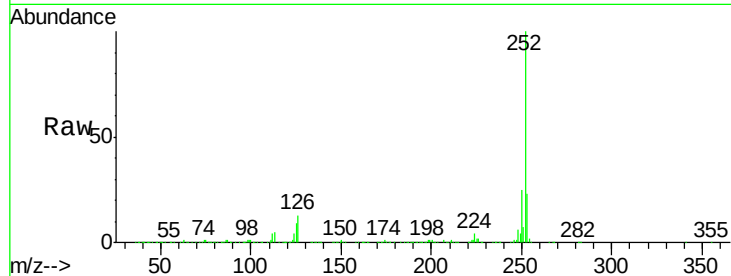
125 8.9 7.6 11.4

Manual Integrations

APPROVED

mohammad

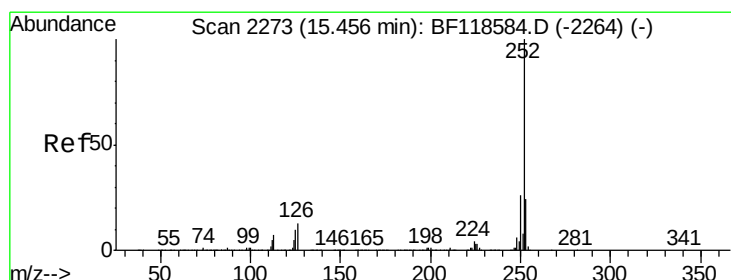
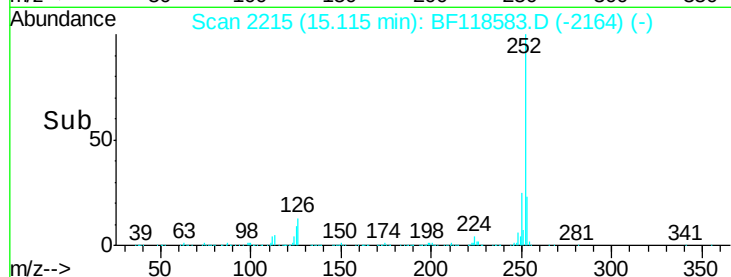
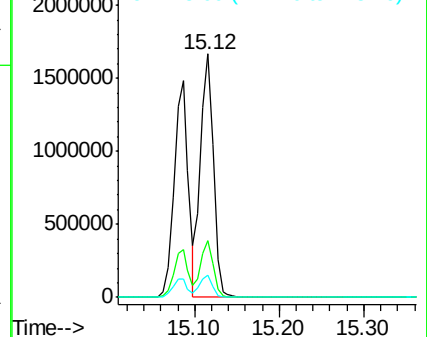
1/21/2020 2:25:47 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 21.668 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF118583.D

Acq: 20 Jan 2020 11:09

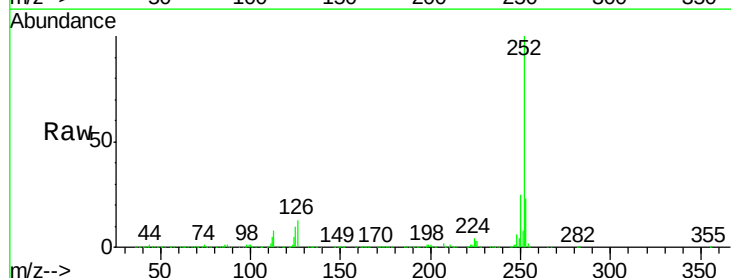
Tgt Ion:252 Resp: 1516892

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

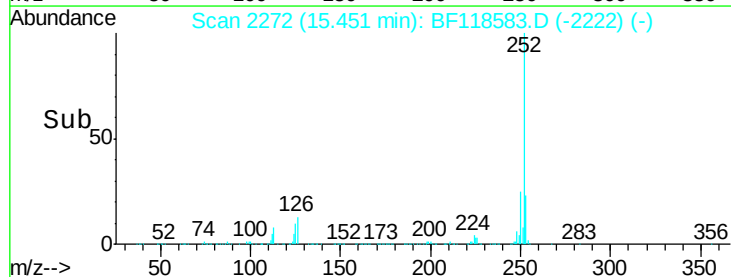
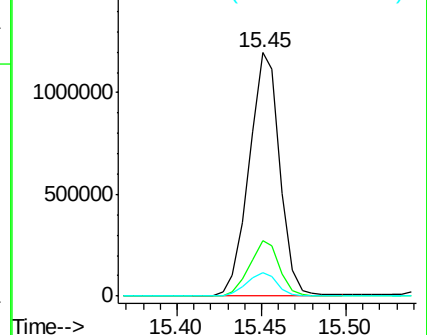
125 9.8 7.8 11.6

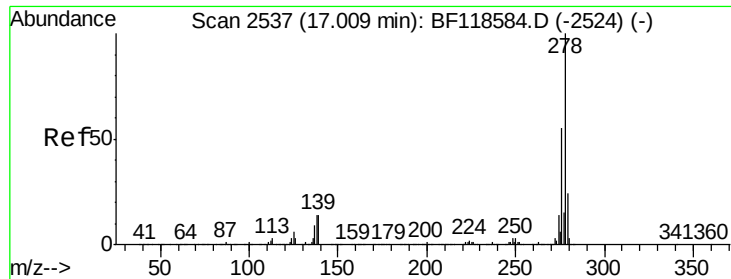


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





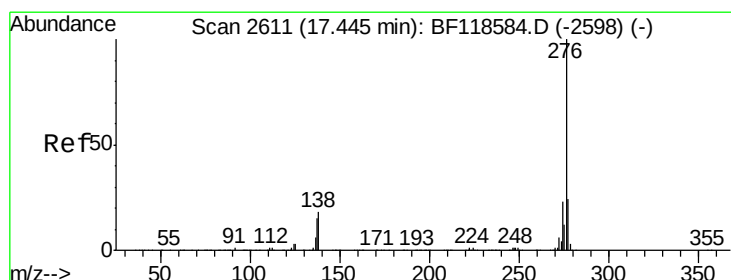
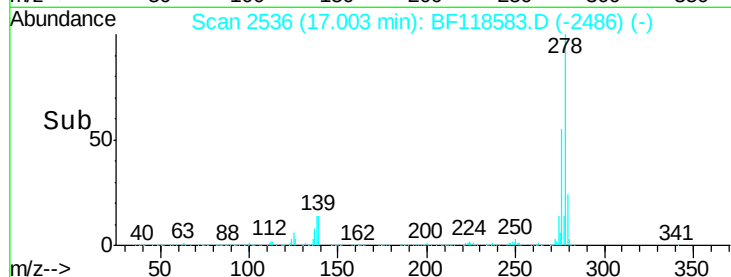
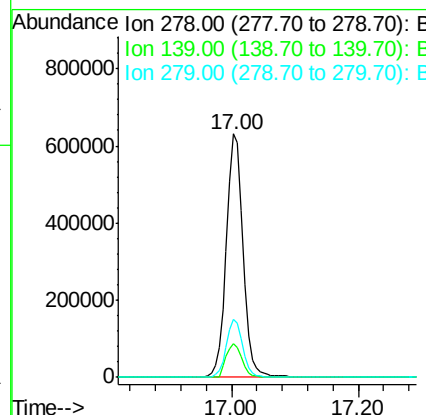
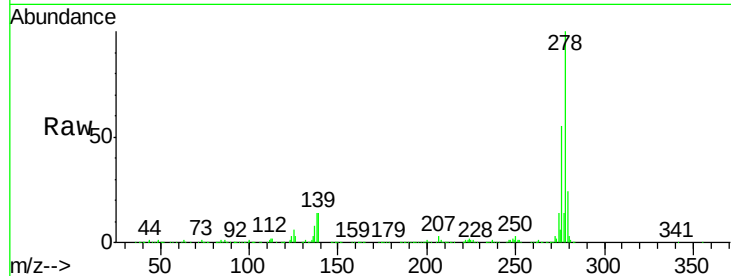
#91
Dibenzo(a,h)anthracene
Concen: 17.828 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Instrument :
BNA_F
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.4	17.0
279	23.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/21/2020 2:25:47 PM



#92
Benzo(g,h,i)perylene
Concen: 17.184 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF118583.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	18.8	14.4	21.6

