

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121225.D
 Acq On : 7 Aug 2020 10:33
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:44:10 PM

Quant Time: Aug 07 11:12:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138870	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	485316	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	249044	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	476130	20.00	ng	0.00
76) Chrysene-d12	13.97	240	353297	20.00	ng	0.00
86) Perylene-d12	15.42	264	320384	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	664500	78.44	ng	0.00
7) Phenol-d6	6.44	99	816832	74.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	694464	82.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	221160	81.13	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1215813	72.89	ng	0.00
79) Terphenyl-d14	12.91	244	1327072	81.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	160283	41.113	ng	99
3) Pyridine	3.23	79	420465	40.542	ng	99
4) n-Nitrosodimethylamine	3.19	42	168234	37.935	ng	93
6) Aniline	6.46	93	486311	34.047	ng	99
8) 2-Chlorophenol	6.59	128	362661	38.862	ng	99
9) Benzaldehyde	6.35	77	202733	37.643	ng	99
10) Phenol	6.45	94	431797	35.873	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	350630	38.009	ng	98
12) 1,3-Dichlorobenzene	6.74	146	395743	39.109	ng	99
13) 1,4-Dichlorobenzene	6.82	146	396376	39.393	ng	99
14) 1,2-Dichlorobenzene	6.97	146	368374	38.698	ng	99
15) Benzyl Alcohol	6.95	79	274796	35.511	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	493874	37.143	ng	95
17) 2-Methylphenol	7.06	107	304222	36.781	ng	99
18) Hexachloroethane	7.31	117	145167	39.861	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	217767	34.998	ng	97
20) 3+4-Methylphenols	7.22	107	359811	34.197	ng	# 90
22) Acetophenone	7.21	105	437607	40.177	ng	# 98
24) Nitrobenzene	7.38	77	369451	40.869	ng	96
25) Isophorone	7.62	82	650506	38.861	ng	98
26) 2-Nitrophenol	7.70	139	191227	44.540	ng	98
27) 2,4-Dimethylphenol	7.74	122	276604	39.681	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	409714	40.097	ng	99
29) 2,4-Dichlorophenol	7.95	162	293321	41.179	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	324039	41.003	ng	99
31) Naphthalene	8.10	128	989045	39.730	ng	99
32) Benzoic acid	7.87	122	158383m	30.268	ng	
33) 4-Chloroaniline	8.15	127	437626	39.407	ng	97
34) Hexachlorobutadiene	8.22	225	192182	41.252	ng	99
35) Caprolactam	8.54	113	91546	40.077	ng	88
36) 4-Chloro-3-methylphenol	8.65	107	298396	40.846	ng	96
37) 2-Methylnaphthalene	8.79	142	651648	40.315	ng	100
38) 1-Methylnaphthalene	8.89	142	612525	40.011	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	306098	42.185	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121225.D
 Acq On : 7 Aug 2020 10:33
 Operator : JU/CG
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC0040

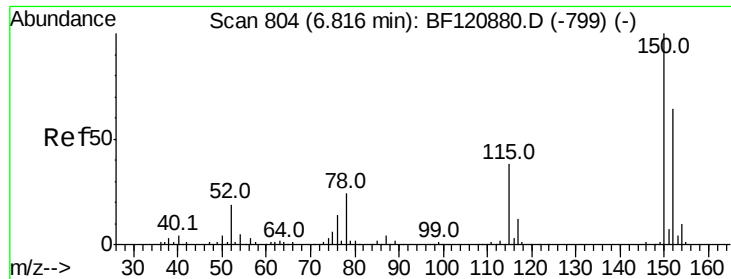
Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:44:10 PM

Quant Time: Aug 07 11:12:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	159541	39.783	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	198077	38.771	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	225641	38.936	nq	98
46) 1,1'-Biphenyl	9.26	154	773326	40.708	nq	98
47) 2-Chloronaphthalene	9.29	162	624703	40.334	nq	100
48) 2-Nitroaniline	9.39	65	200143	42.759	nq	97
49) Acenaphthylene	9.70	152	969974	40.312	nq	99
50) Dimethylphthalate	9.56	163	746315	41.538	nq	99
51) 2,6-Dinitrotoluene	9.63	165	163858	42.450	nq	100
52) Acenaphthene	9.87	154	613086m	40.077	nq	
53) 3-Nitroaniline	9.80	138	195594	40.402	nq	98
54) 2,4-Dinitrophenol	9.91	184	77501	38.735	nq	93
55) Dibenzofuran	10.05	168	863448	39.031	nq	97
56) 4-Nitrophenol	9.97	139	152753	41.537	nq	96
57) 2,4-Dinitrotoluene	10.03	165	213025	42.025	nq	# 89
58) Fluorene	10.39	166	663395	40.208	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	163862	37.137	nq	99
60) Diethylphthalate	10.26	149	721101	39.679	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	337079	38.304	nq	96
62) 4-Nitroaniline	10.42	138	195601	41.478	nq	99
63) Azobenzene	10.54	77	681191	39.373	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	110482	40.726	nq	99
66) n-Nitrosodiphenylamine	10.50	169	607694	40.572	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	220825	41.599	nq	97
68) Hexachlorobenzene	10.94	284	239133	41.644	nq	95
69) Atrazine	11.03	200	141338	38.102	nq	99
70) Pentachlorophenol	11.14	266	116993	35.563	nq	99
71) Phenanthrene	11.35	178	975605	39.841	nq	100
72) Anthracene	11.40	178	989859	40.256	nq	99
73) Carbazole	11.56	167	984469	40.343	nq	99
74) Di-n-butylphthalate	11.89	149	1124755	39.941	nq	99
75) Fluoranthene	12.54	202	1077567	39.700	nq	98
77) Benzidine	12.66	184	308323	33.193	nq	99
78) Pyrene	12.77	202	1099165	44.005	nq	99
80) Butylbenzylphthalate	13.39	149	481315	43.226	nq	99
81) Benzo(a)anthracene	13.96	228	933962	43.656	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	329776	40.858	nq	99
83) Chrysene	14.00	228	914627	40.681	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	643126	46.839	nq	# 99
85) Di-n-octyl phthalate	14.56	149	1048687	38.389	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	785405	35.249	nq	100
88) Benzo(b)fluoranthene	15.00	252	866088	44.722	nq	99
89) Benzo(k)fluoranthene	15.03	252	774514	43.853	nq	99
90) Benzo(a)pyrene	15.36	252	748633	42.370	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	641486	35.245	nq	99
92) Benzo(g,h,i)perylene	17.29	276	626103	34.889	nq	100

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



#1

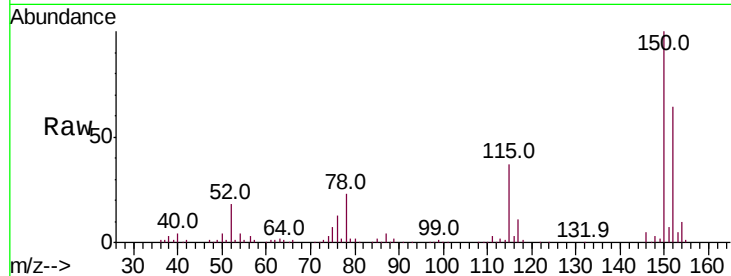
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.6	188.4
115	57.0	46.2	69.2

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

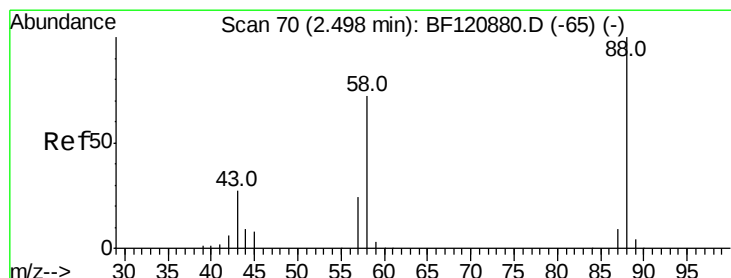
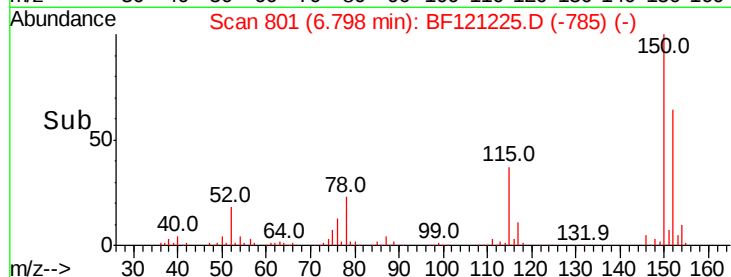
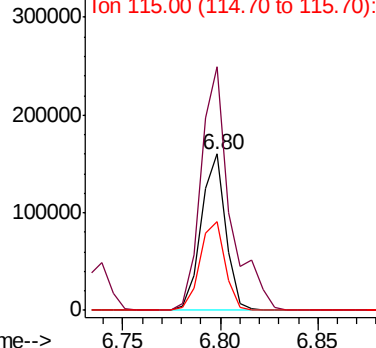


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

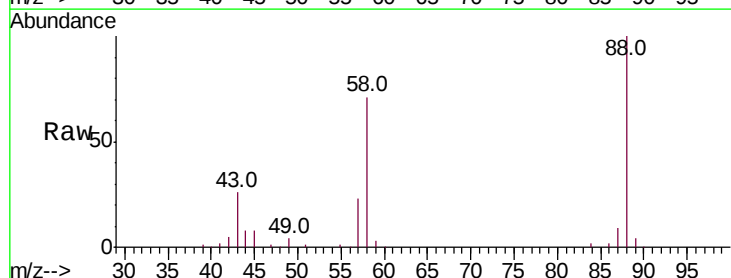
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.113 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.2	87.4
43	27.4	21.3	31.9

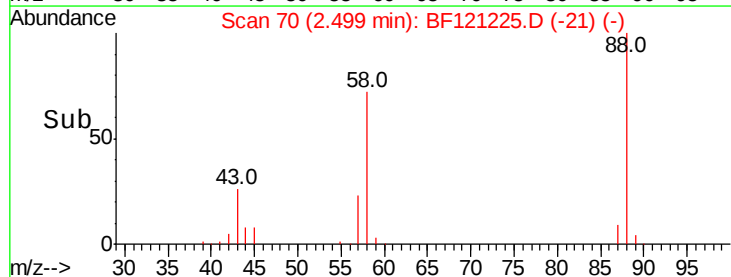
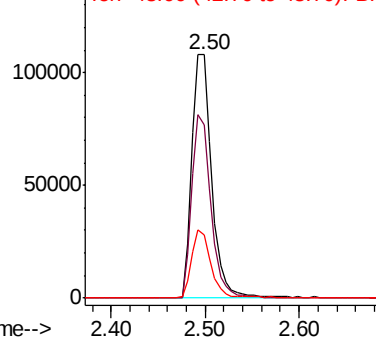


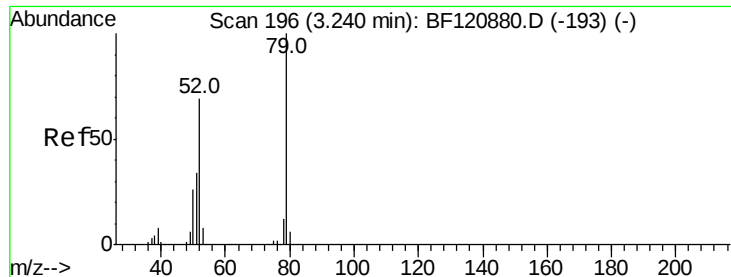
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





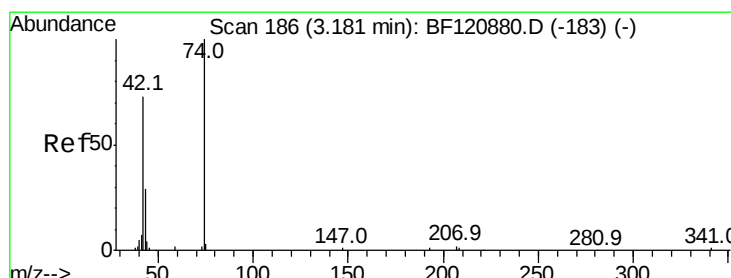
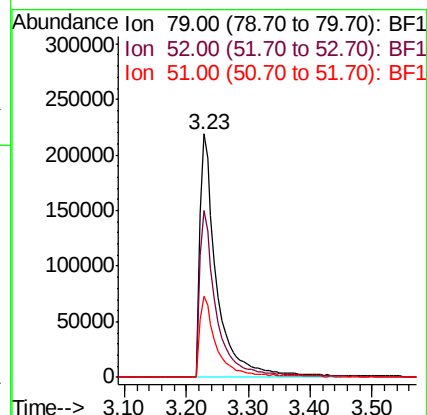
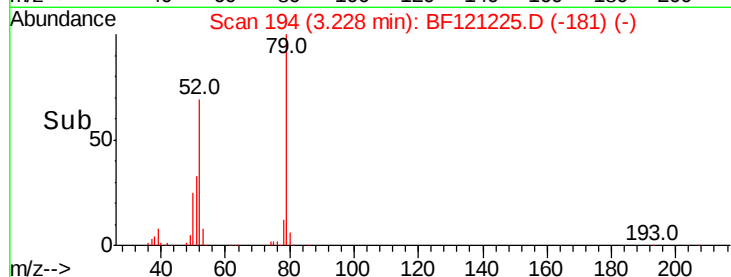
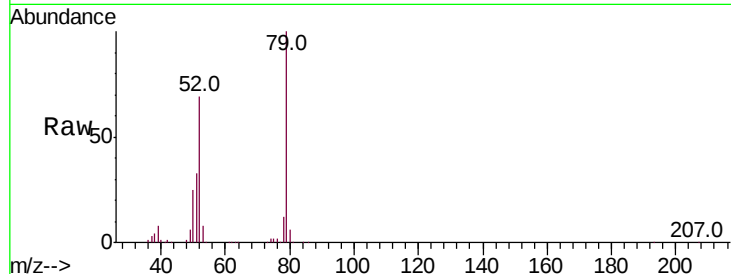
#3
 Pvridine
 Concen: 40.542 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.02 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.9	82.3
51	33.3	27.4	41.0

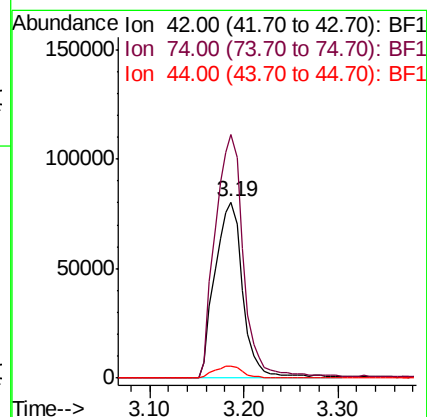
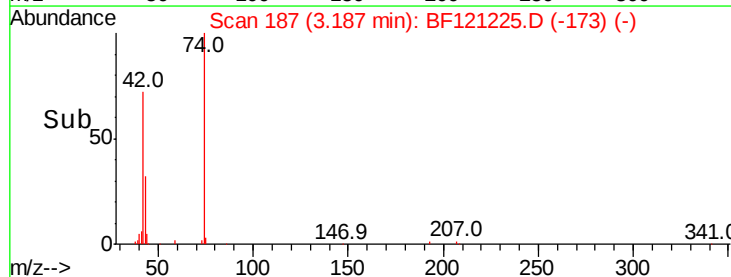
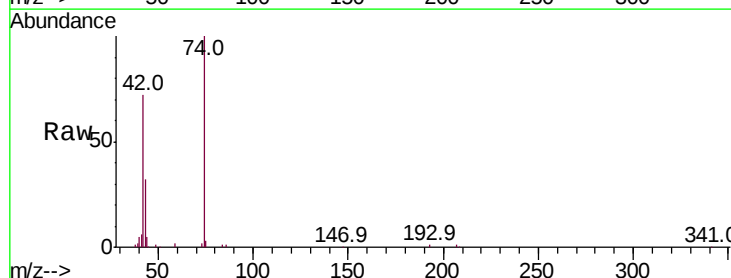
Manual Integrations
 APPROVED

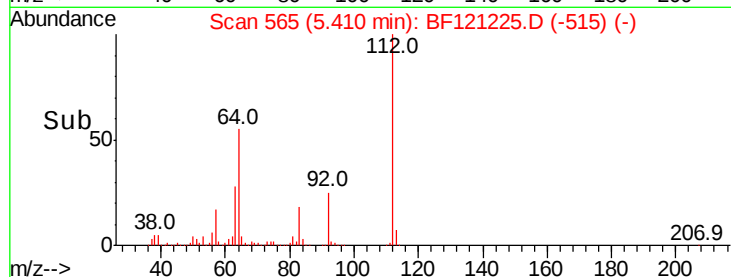
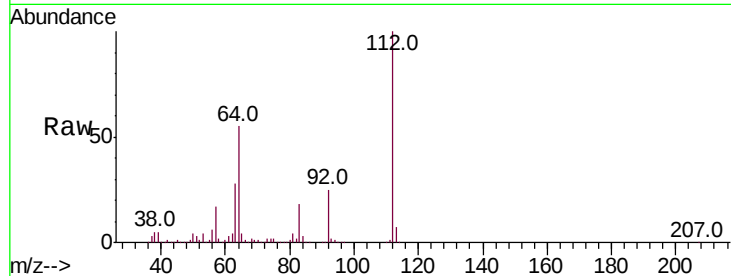
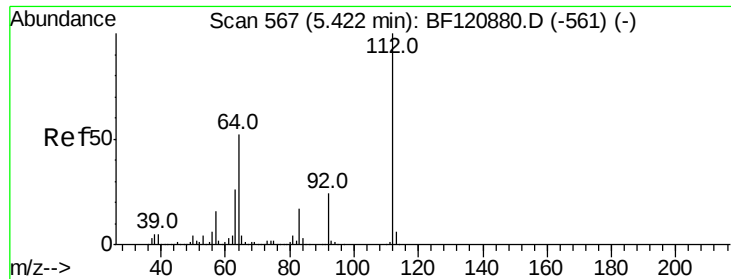
mohammad
 8/10/2020 3:44:10 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.935 ng
 RT: 3.19 min Scan# 187
 Delta R.T. -0.02 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	138.1	117.3	175.9
44	7.0	5.9	8.9





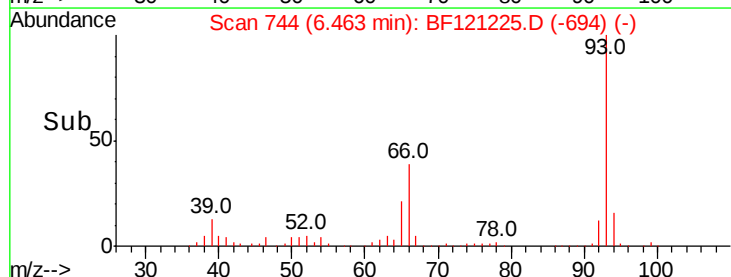
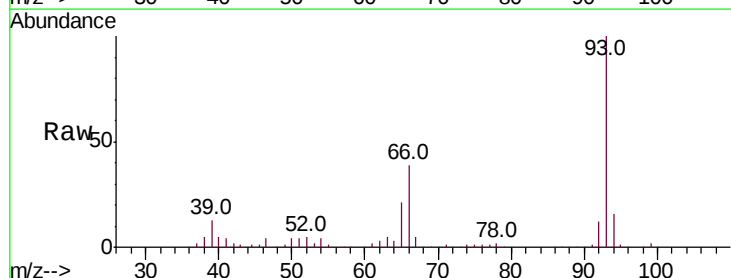
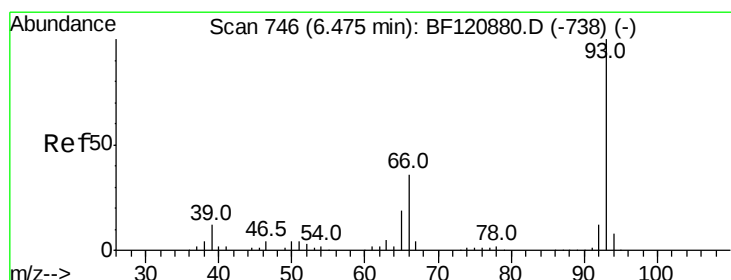
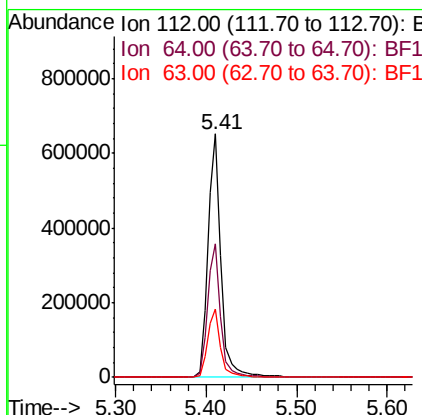
#5
2-Fluorophenol
Concen: 78.444 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.8	43.9	65.9
63	27.9	22.7	34.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

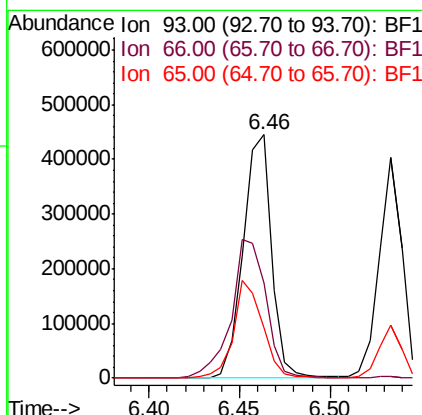
Manual Integrations
APPROVED

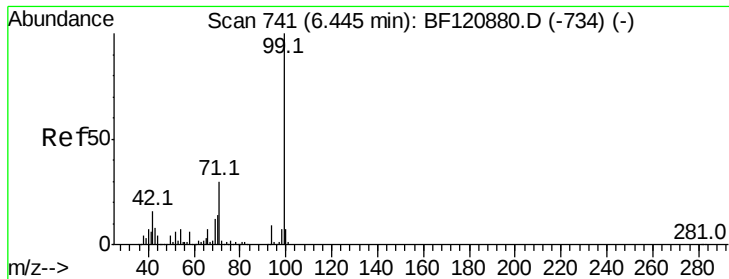
mohammad
8/10/2020 3:44:10 PM



#6
Aniline
Concen: 34.047 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.0	31.0	46.4
65	20.9	16.2	24.4





#7

Phenol-d6

Concen: 74.648 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

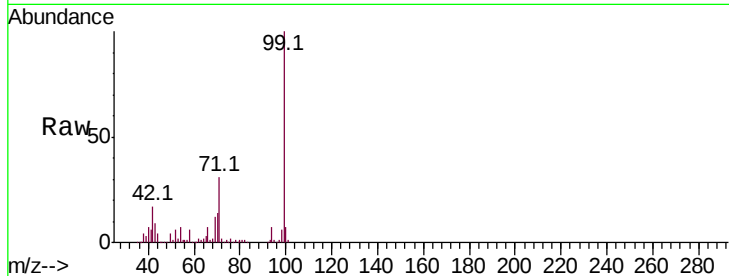
ClientSampleId :

SSTDCCC040

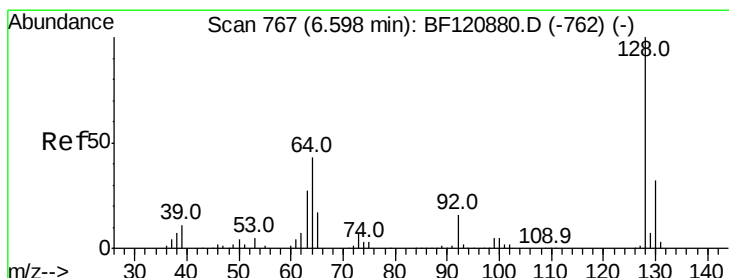
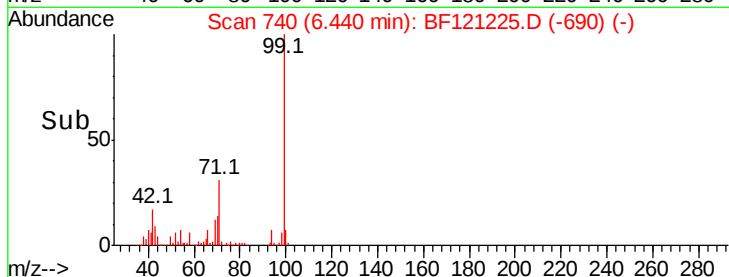
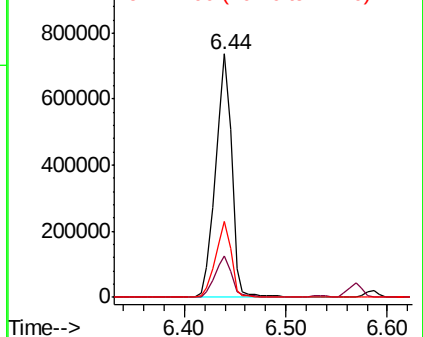
Tot Ion:	99	Resp:	816832
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.5	20.3
71	31.4	25.0	37.4

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.862 ng

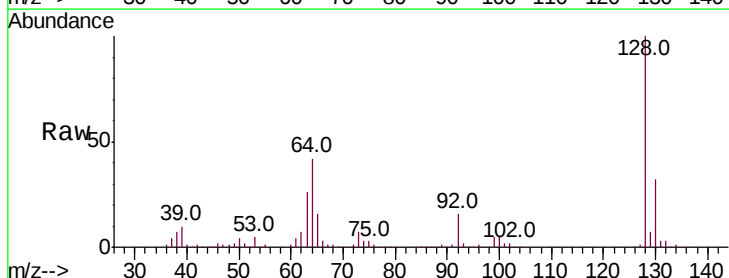
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

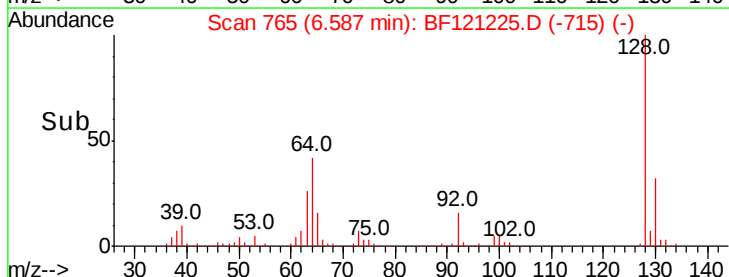
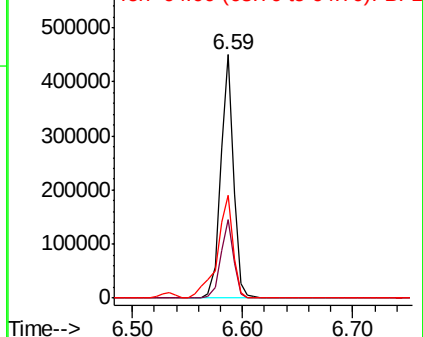
Lab File: BF121225.D

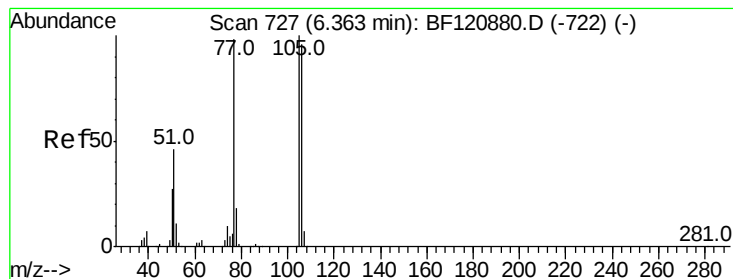
Acq: 7 Aug 2020 10:33

Tgt Ion:	128	Resp:	362661
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.7	52.7
64	42.4	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.643 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

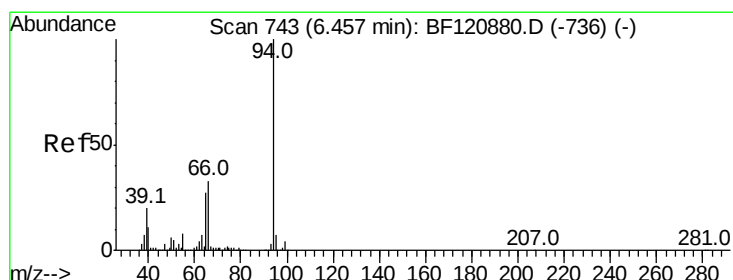
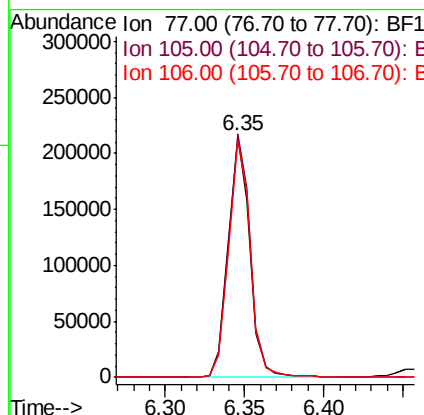
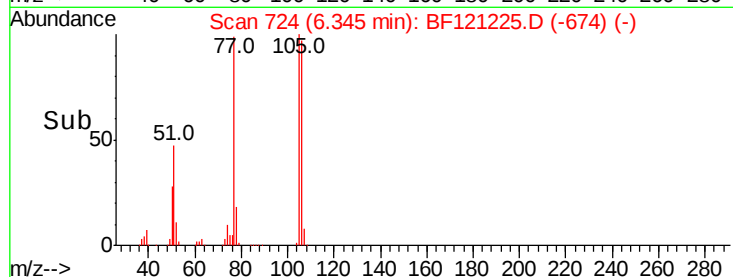
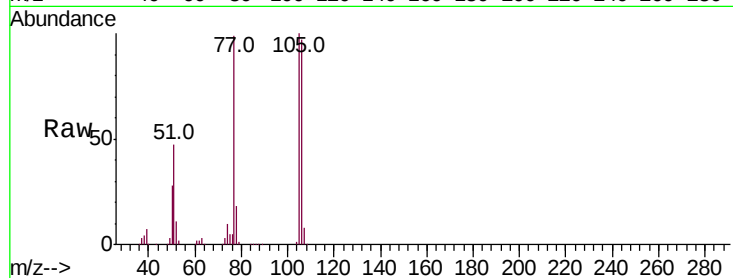
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	202733
Ion	Ratio	Lower	Upper
77	100		
105	100.8	82.4	122.4
106	98.3	78.9	118.9

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



#10

Phenol

Concen: 35.873 ng

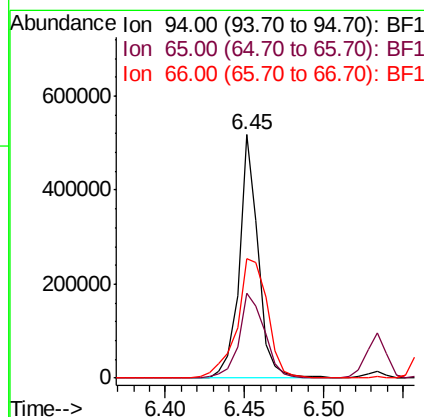
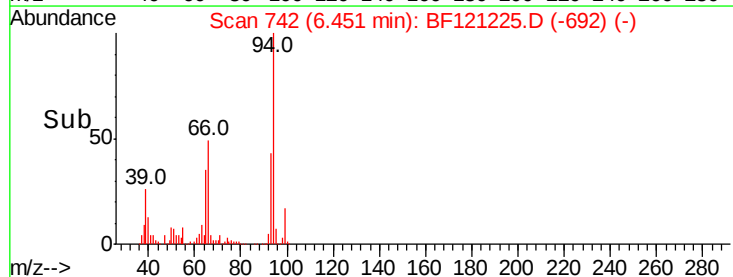
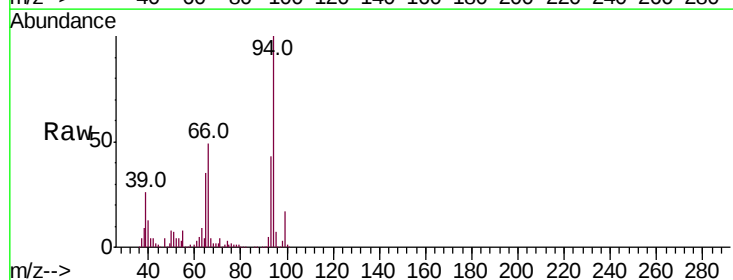
RT: 6.45 min Scan# 742

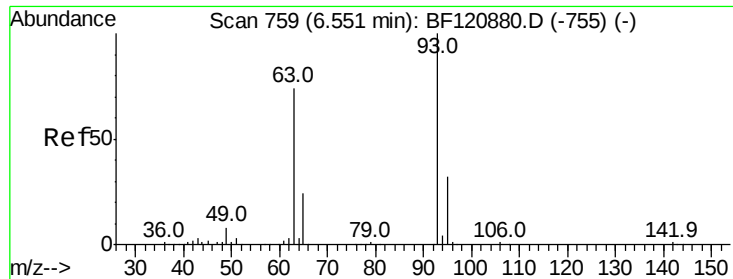
Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:	94	Resp:	431797
Ion	Ratio	Lower	Upper
94	100		
65	34.7	12.6	52.6
66	48.8	25.6	65.6





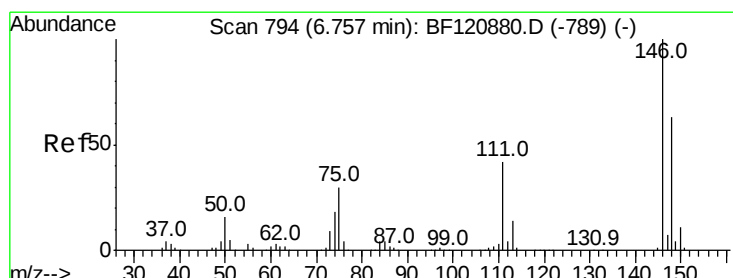
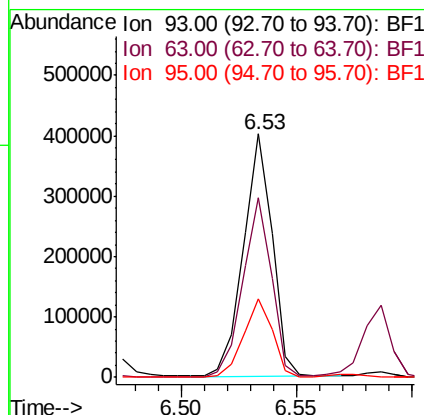
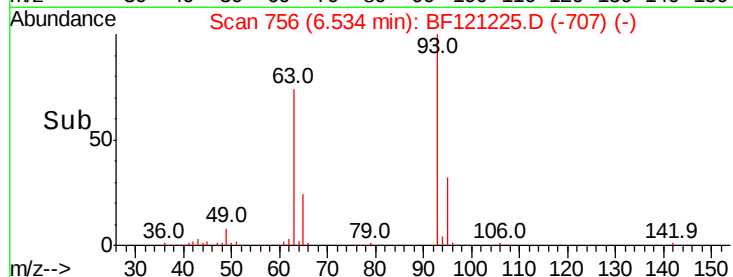
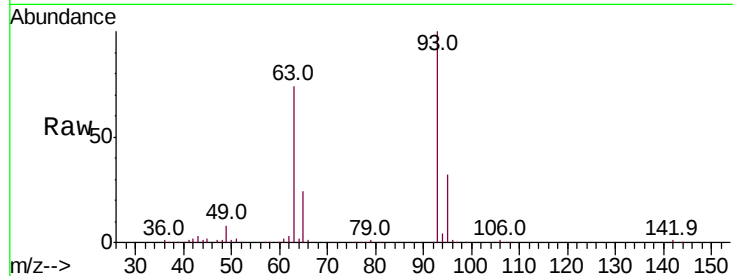
#11
bis(2-Chloroethyl)ether
Concen: 38.009 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	51.9	91.9
95	32.1	13.2	53.2

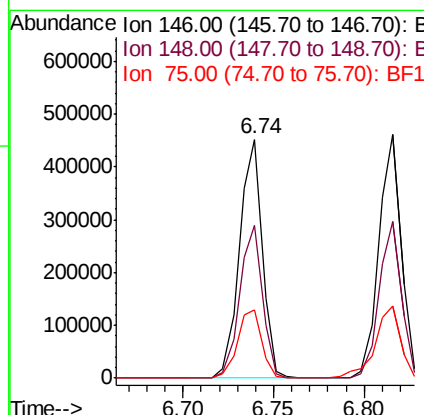
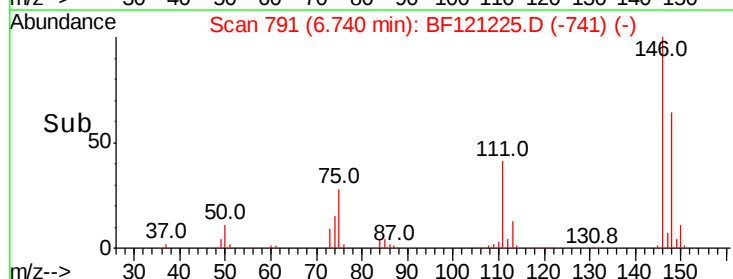
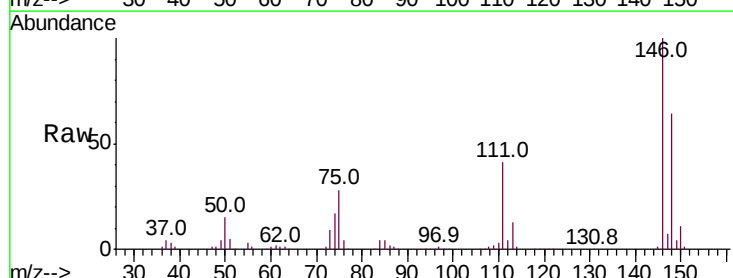
Manual Integrations
APPROVED

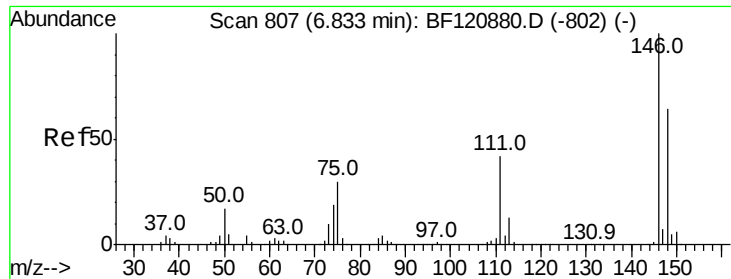
mohammad
8/10/2020 3:44:10 PM



#12
1,3-Dichlorobenzene
Concen: 39.109 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
75	28.4	23.8	35.6





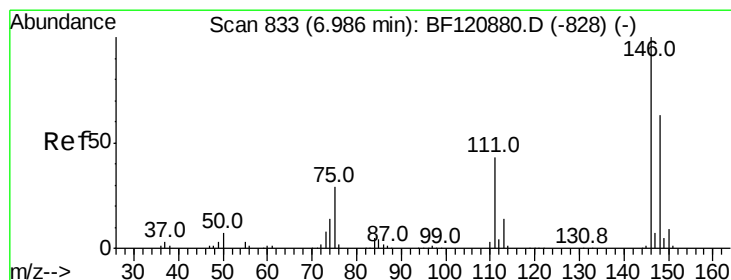
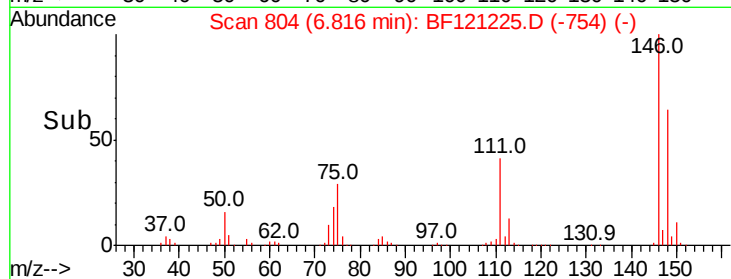
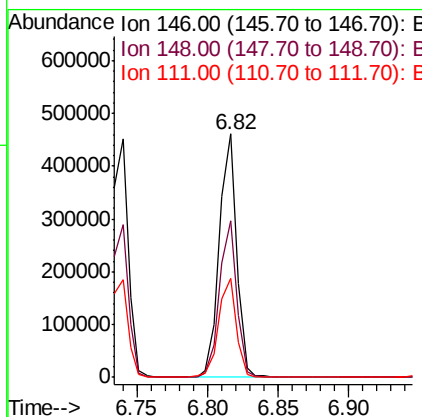
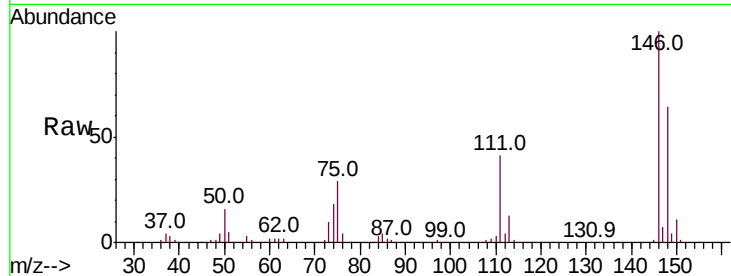
#13
 1,4-Dichlorobenzene
 Concen: 39.393 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
111	40.7	32.8	49.2

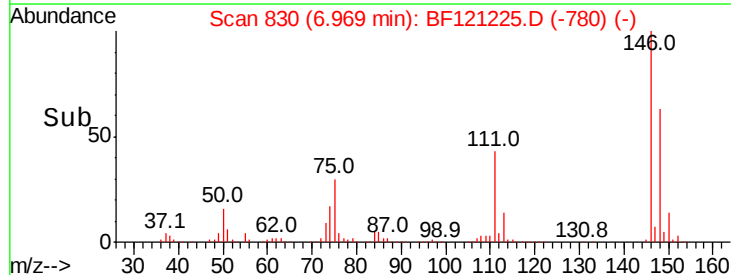
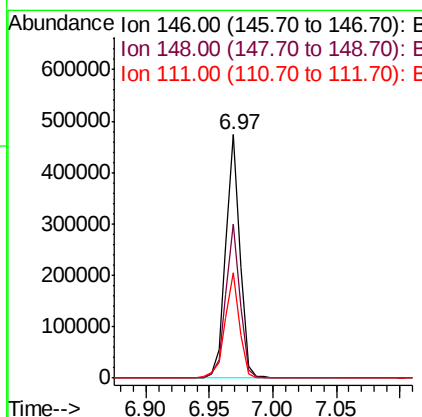
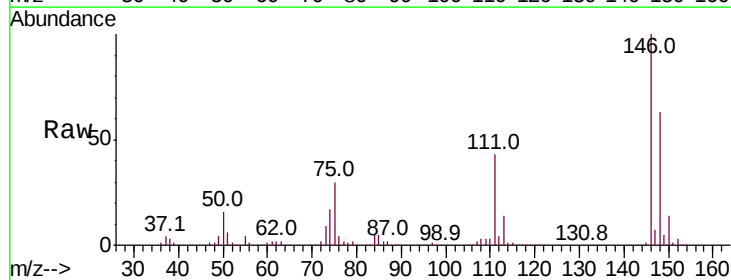
Manual Integrations
 APPROVED

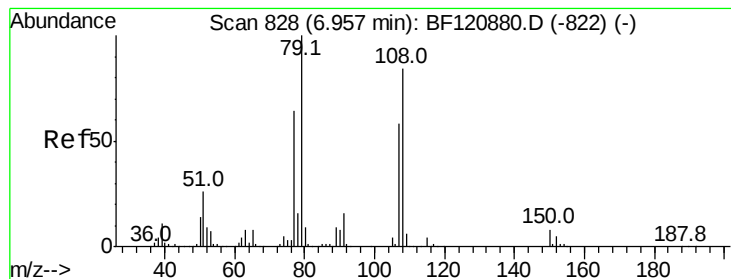
mohammad
 8/10/2020 3:44:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.698 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	43.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 35.511 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 274796

Ion Ratio Lower Upper

79 100

108 83.3 68.6 103.0

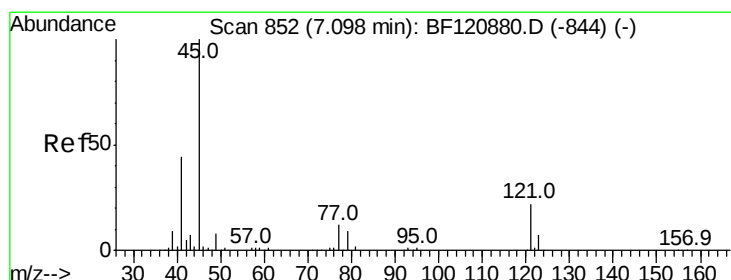
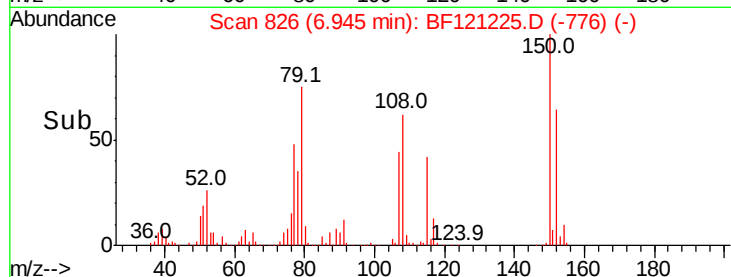
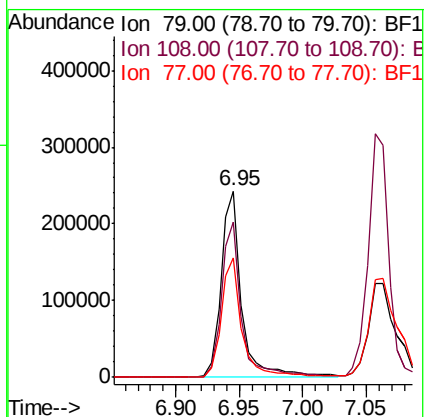
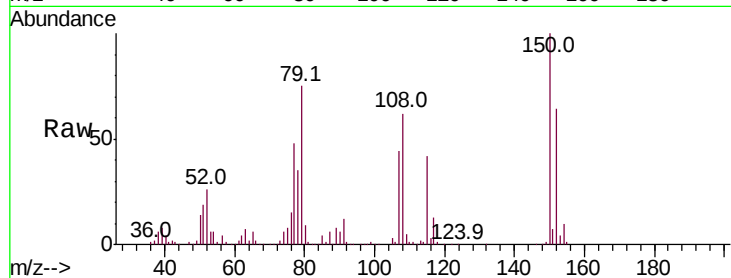
77 64.0 51.4 77.2

Manual Integrations

APPROVED

mohammad

8/10/2020 3:44:10 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.143 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

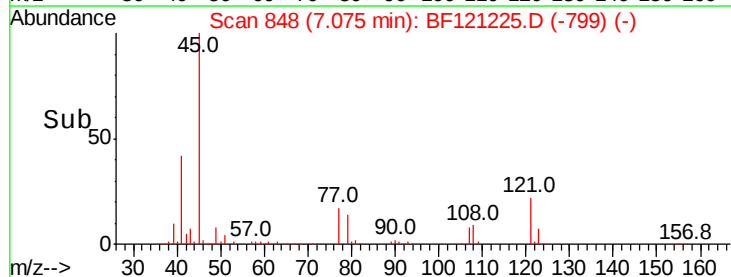
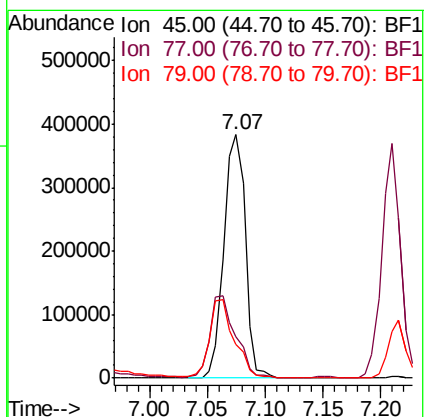
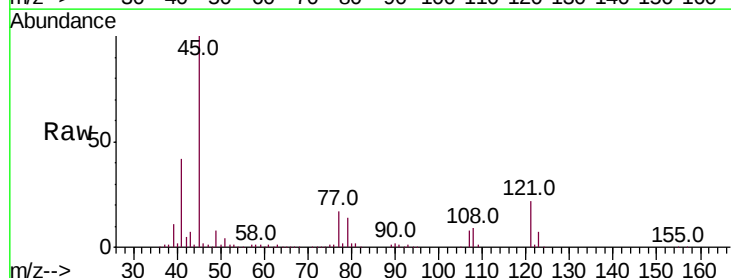
Tgt Ion: 45 Resp: 493874

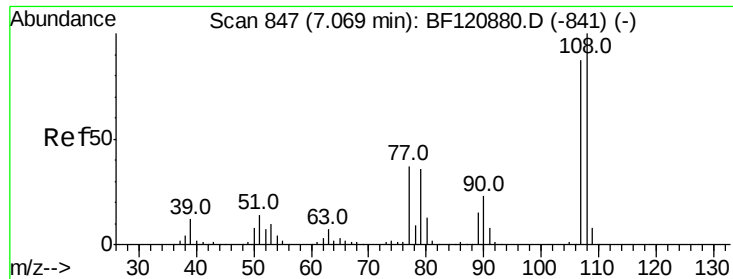
Ion Ratio Lower Upper

45 100

77 17.0 0.0 34.7

79 13.9 0.0 32.0





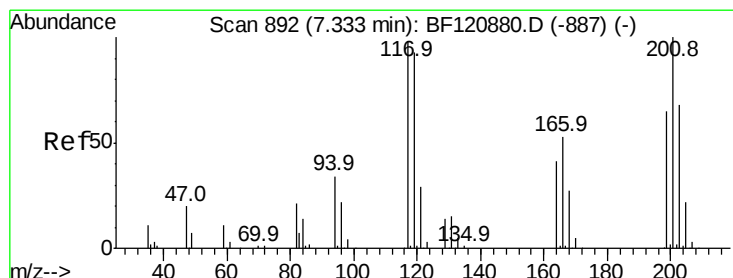
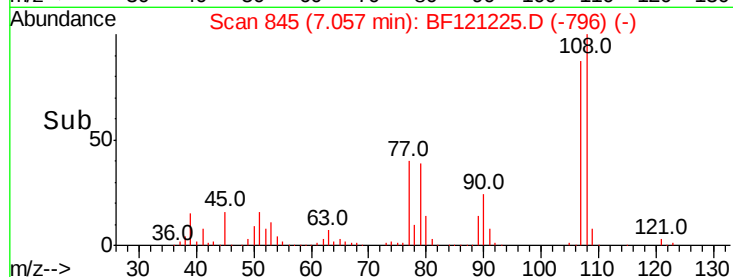
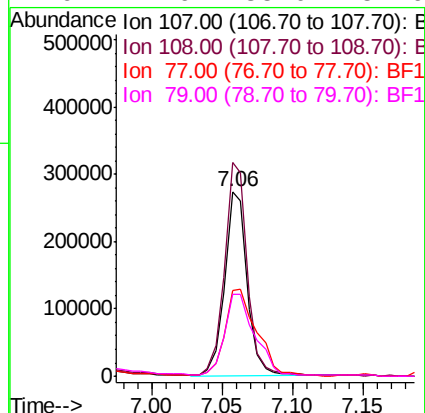
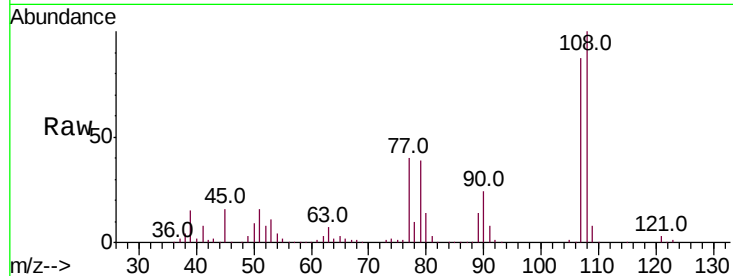
#17
2-Methylphenol
Concen: 36.781 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	304222		
108	108.00	115.5		91.2	136.8
77	77.00	46.3		36.5	54.7
79	79.00	44.6		35.0	52.6

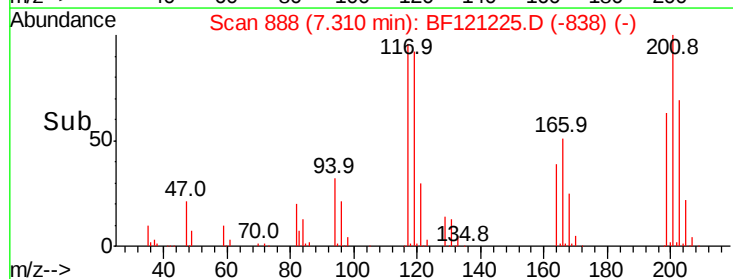
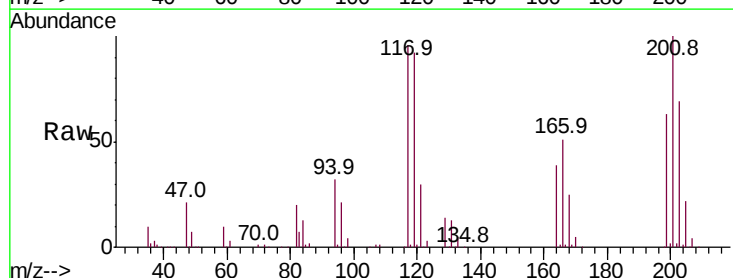
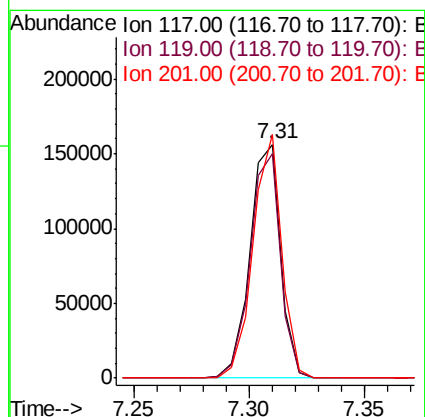
Manual Integrations
APPROVED

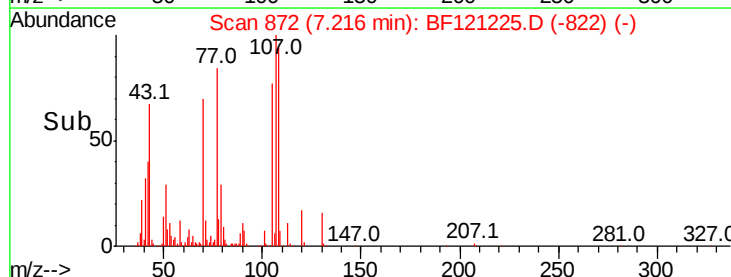
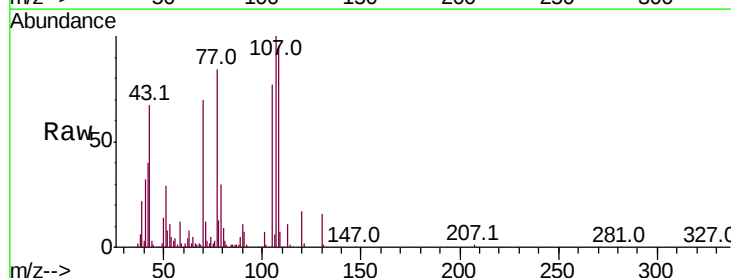
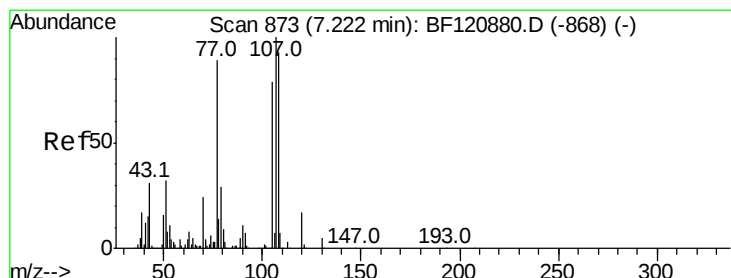
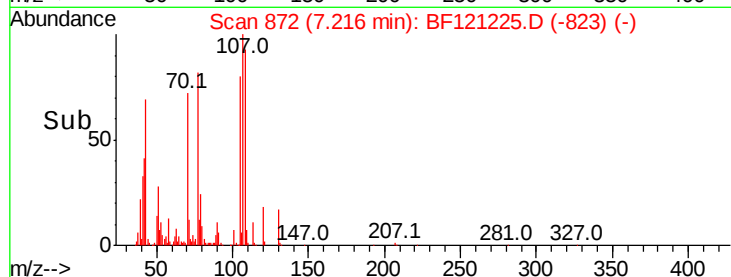
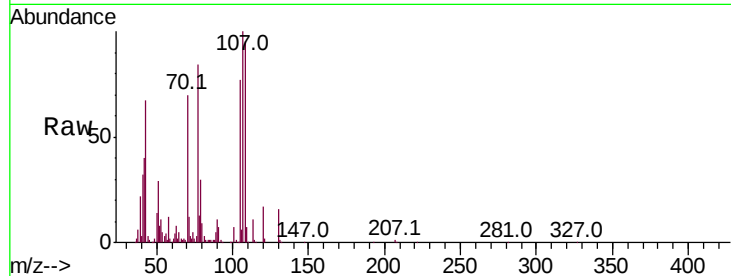
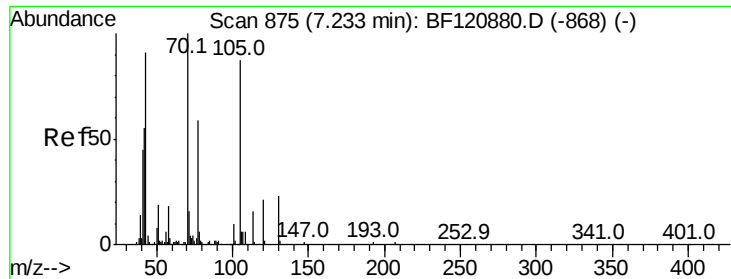
mohammad
8/10/2020 3:44:10 PM



#18
Hexachloroethane
Concen: 39.861 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	145167		
119	119.00	96.2		76.6	114.8
201	201.00	104.3		75.0	112.4





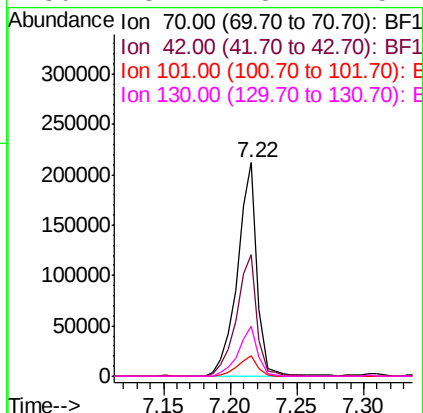
#19
n-Nitroso-di-n-propylamine
Concen: 34.998 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.7	43.3	64.9
101	9.8	8.4	12.6
130	23.1	18.7	28.1

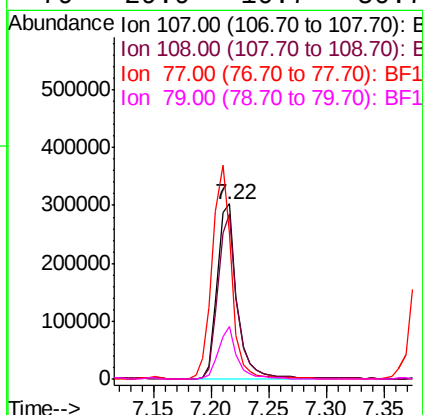
Manual Integrations
APPROVED

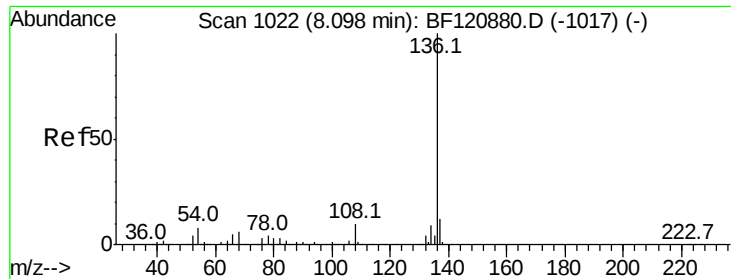
mohammad
8/10/2020 3:44:10 PM



#20
3+4-Methylphenols
Concen: 34.197 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	73.7	113.7
77	83.7	84.9	124.9#
79	29.9	10.7	50.7





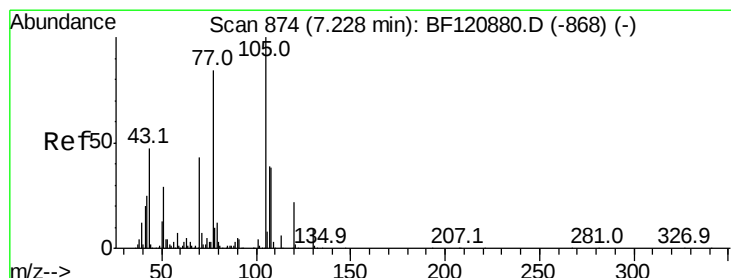
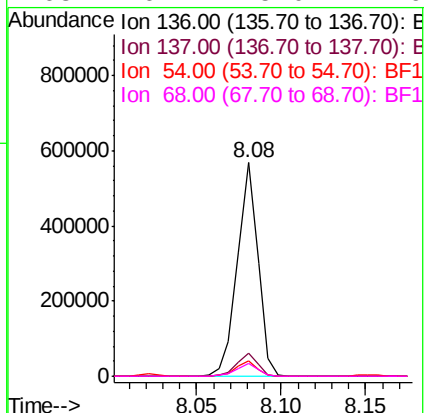
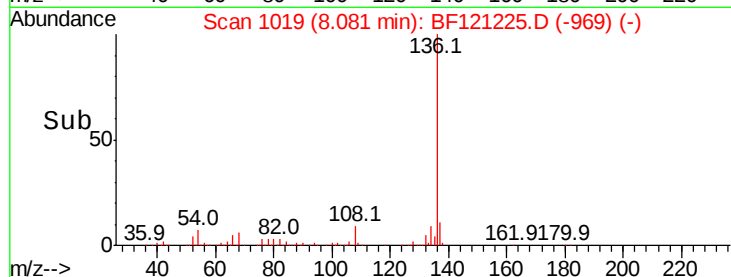
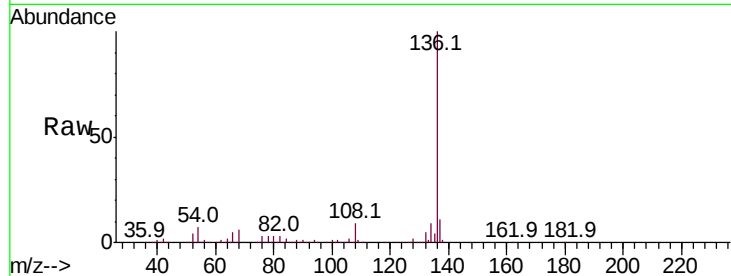
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	7.3	6.1	9.1	
68	6.1	5.0	7.6	

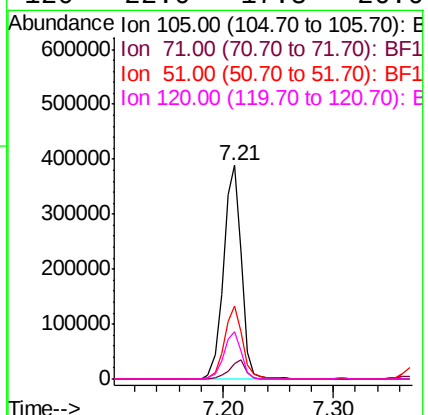
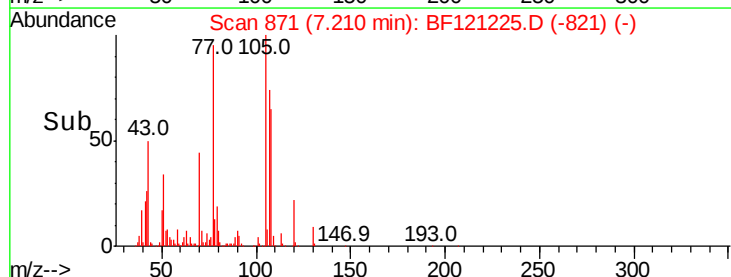
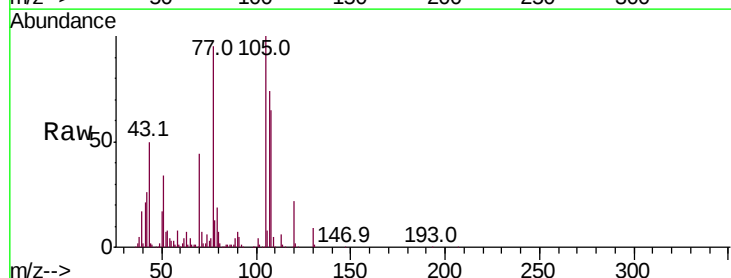
Manual Integrations
APPROVED

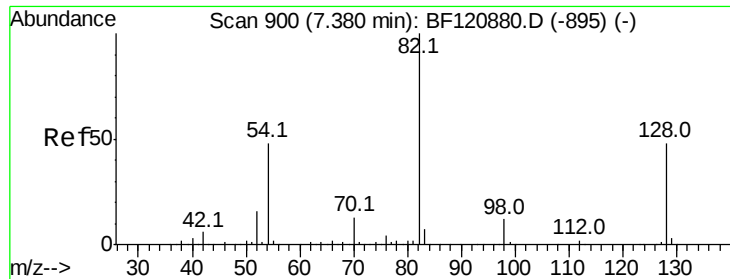
mohammad
8/10/2020 3:44:10 PM



#22
Acetophenone
Concen: 40.177 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	3.8	5.8#	
51	34.2	28.0	42.0	
120	22.0	17.8	26.6	





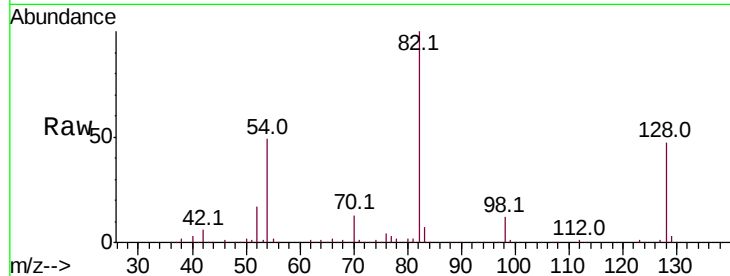
#23
Nitrobenzene-d5
Concen: 82.799 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

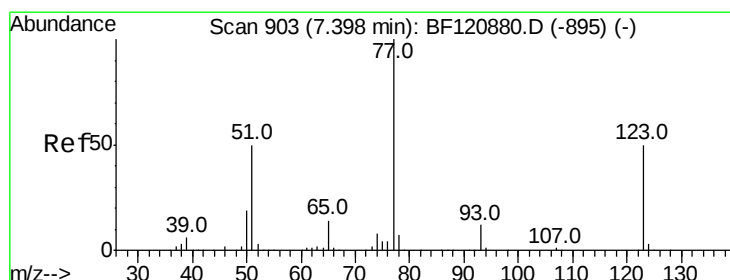
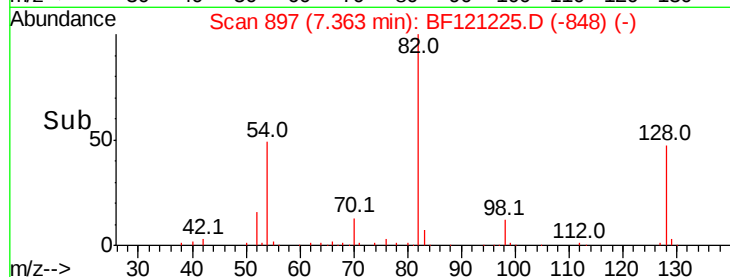
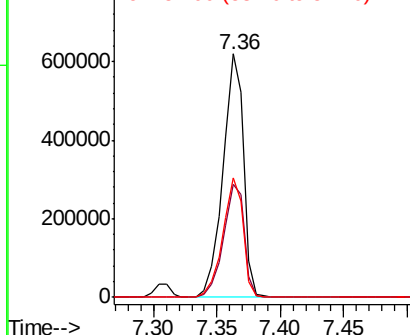
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	39.2	58.8
54	48.9	37.8	56.8

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

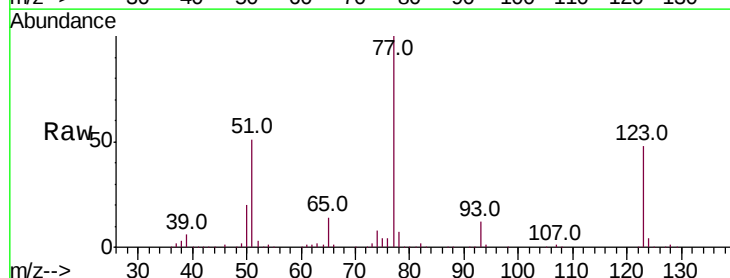


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

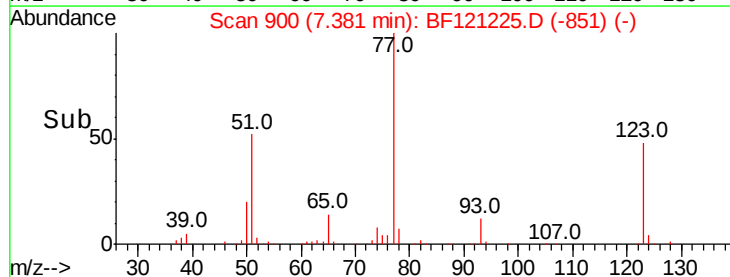
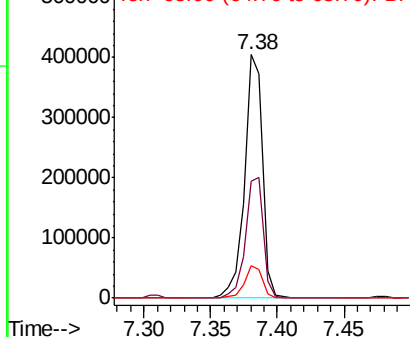


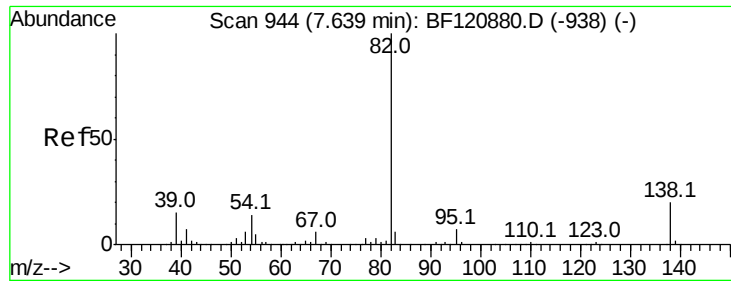
#24
Nitrobenzene
Concen: 40.869 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	41.0	61.6
65	13.5	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





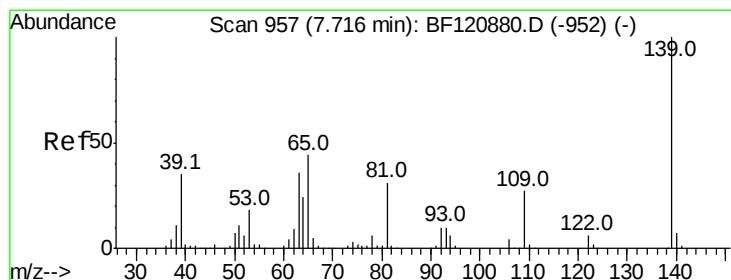
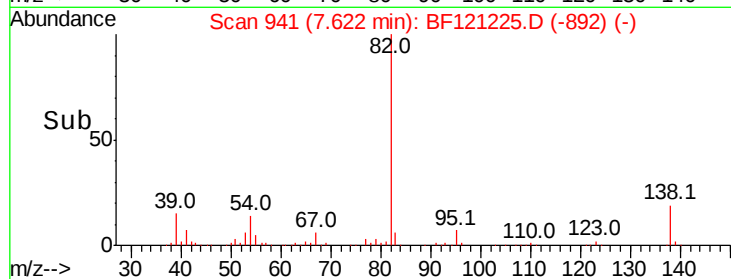
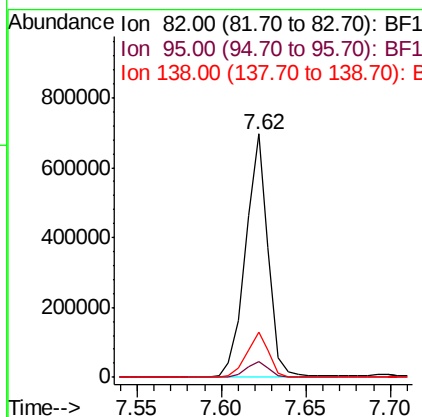
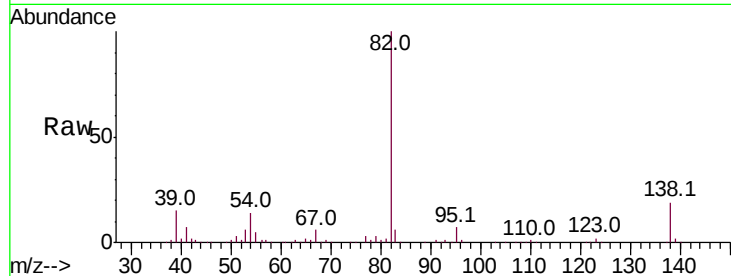
#25
Isophorone
Concen: 38.861 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	650506
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.7	16.2	24.2

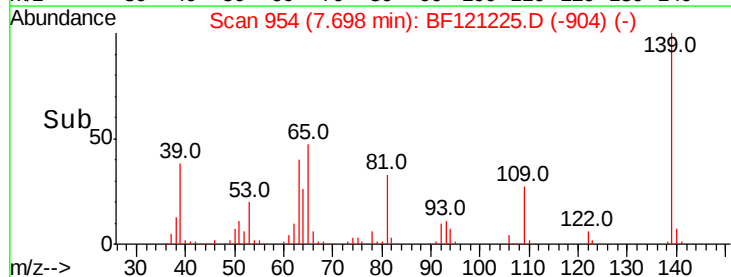
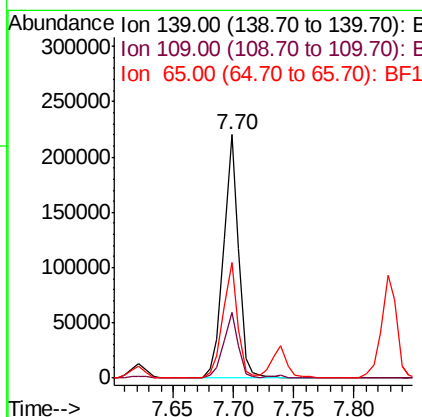
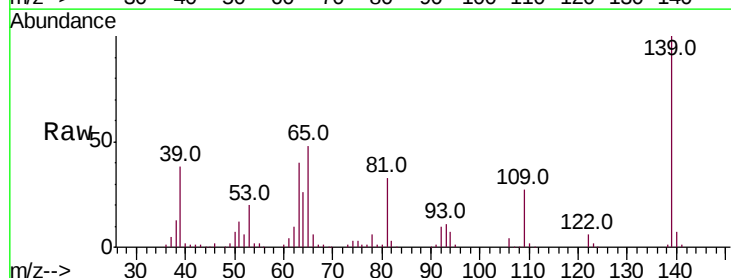
Manual Integrations
APPROVED

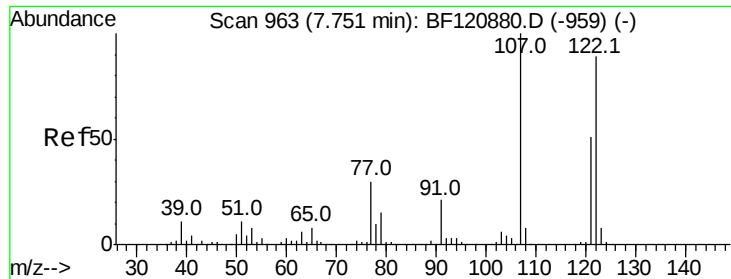
mohammad
8/10/2020 3:44:10 PM



#26
2-Nitrophenol
Concen: 44.540 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	139	Resp	191227
Ion Ratio	Lower	Upper	
139	100		
109	27.1	21.7	32.5
65	47.6	36.3	54.5





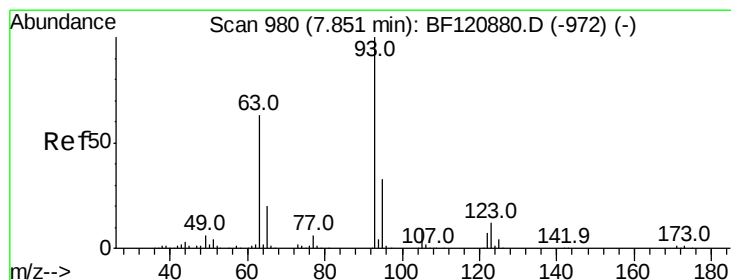
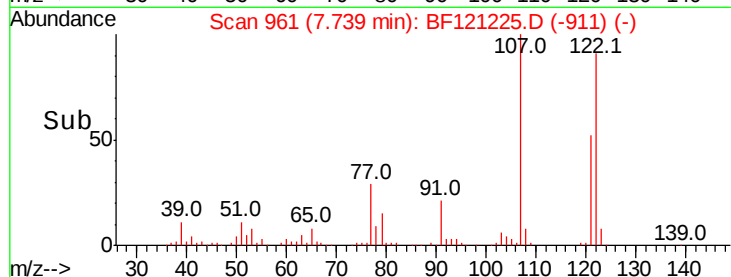
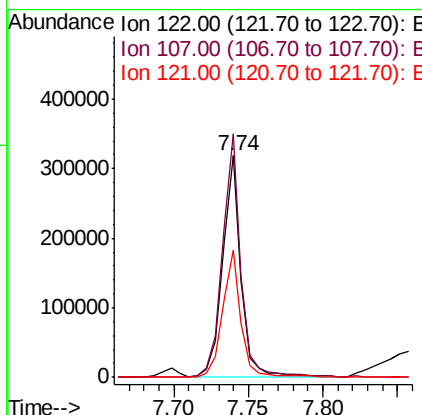
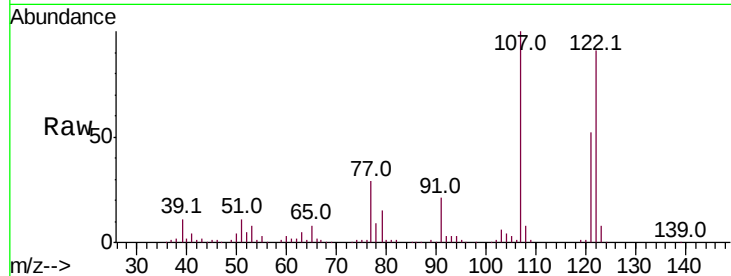
#27
2,4-Dimethylphenol
Concen: 39.681 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	87.1	130.7
121	57.4	45.5	68.3

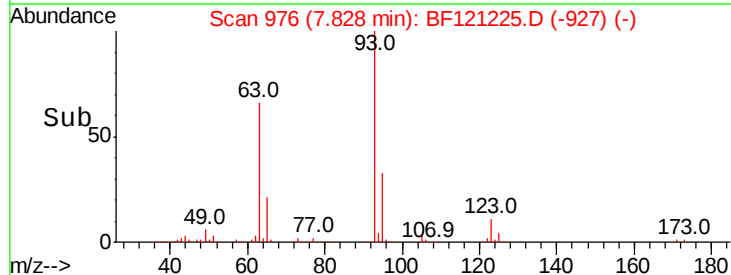
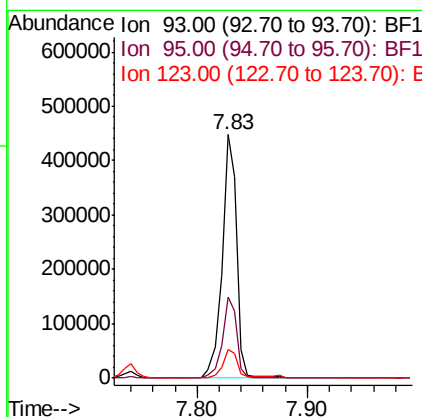
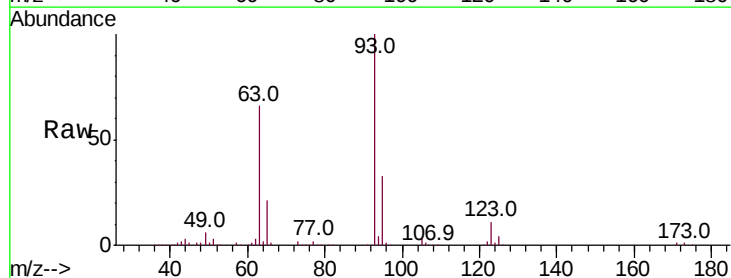
Manual Integrations
APPROVED

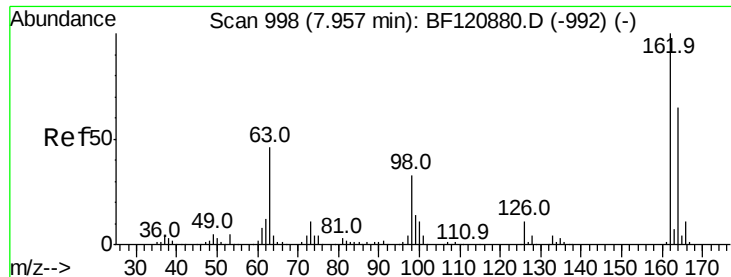
mohammad
8/10/2020 3:44:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.097 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	11.5	9.5	14.3





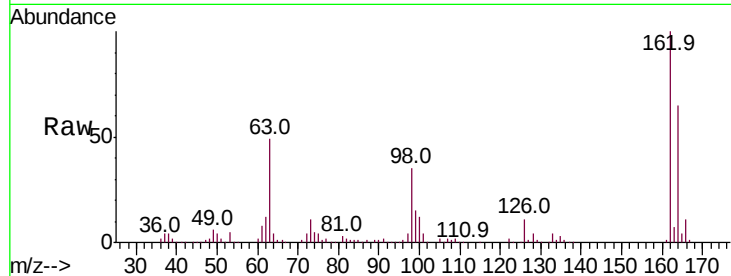
#29
2,4-Dichlorophenol
Concen: 41.179 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	293321		
164	64.8	44.7	84.7	
98	35.4	14.2	54.2	

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

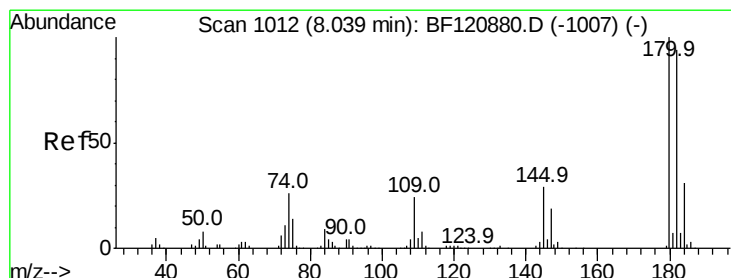
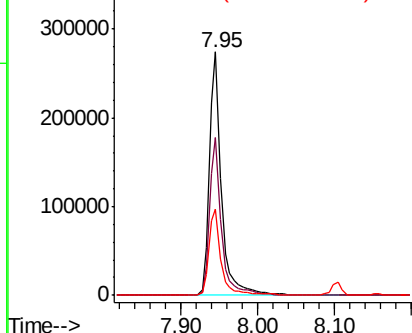
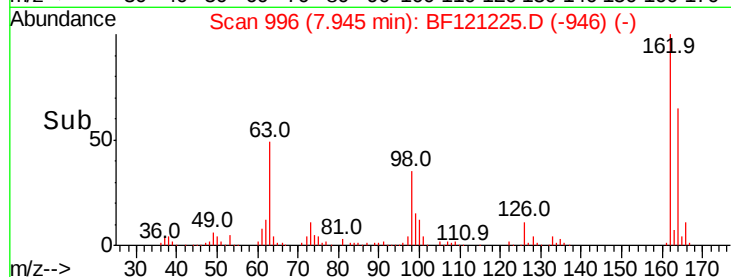


Abundance

Ion 162.00 (161.70 to 162.70): E

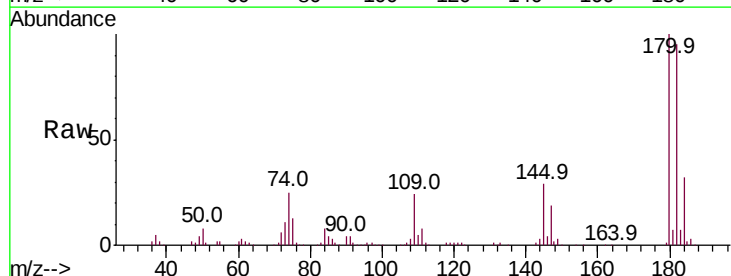
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.003 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	324039		
182	95.1	76.4	114.6	
145	29.5	24.2	36.4	

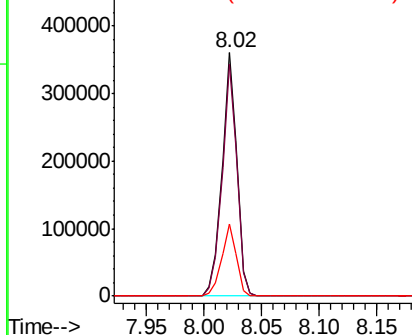
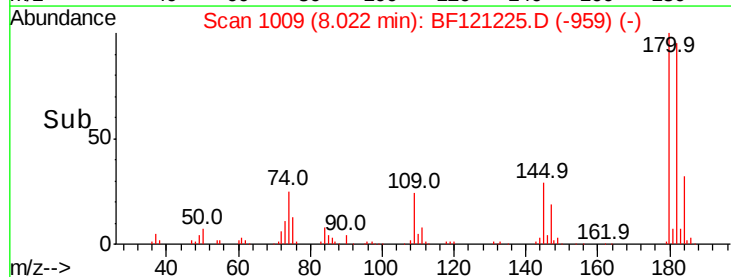


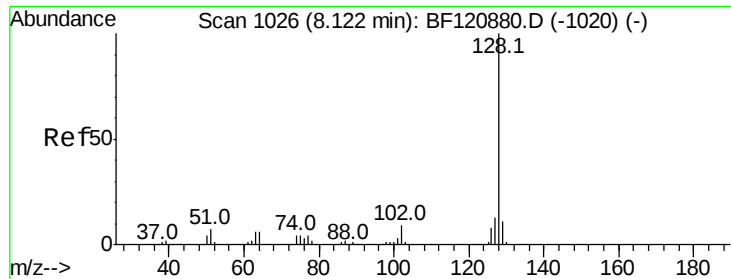
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





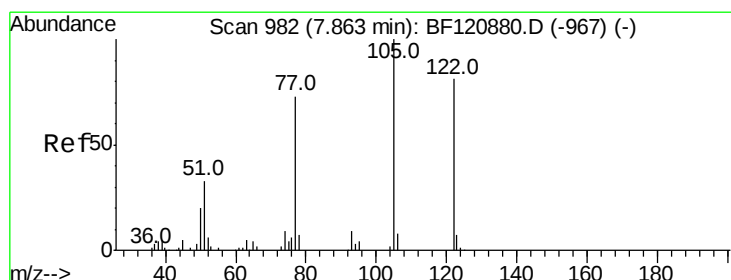
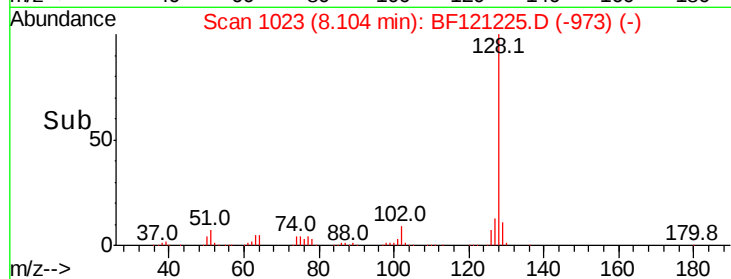
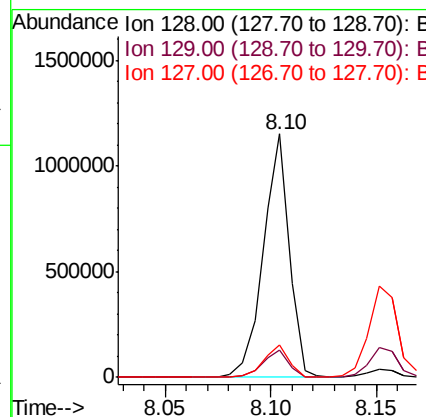
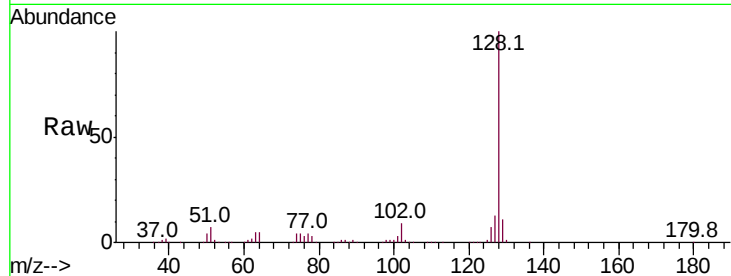
#31
Naphthalene
Concen: 39.730 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.3	13.9	
127	13.5	10.8	16.2	

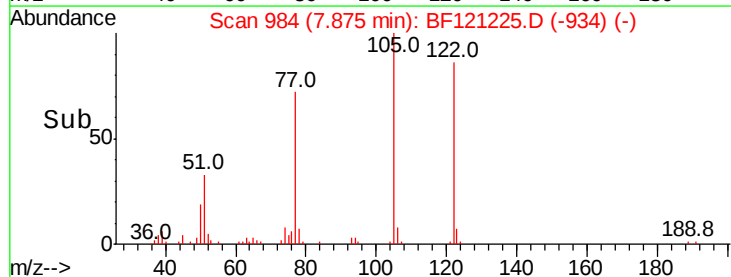
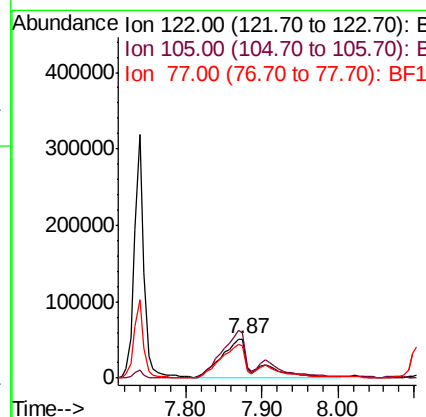
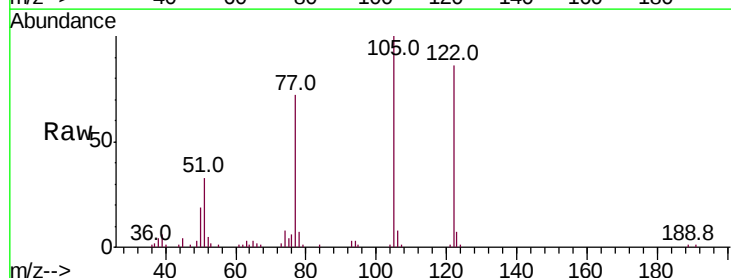
Manual Integrations
APPROVED

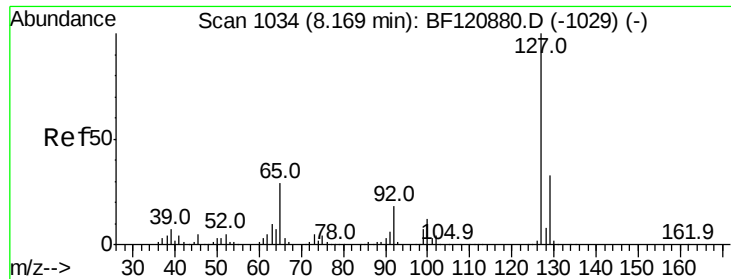
mohammad
8/10/2020 3:44:10 PM



#32
Benzoic acid
Concen: 30.268 ng m
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	116.7	100.9	140.9	
77	83.6	67.8	107.8	





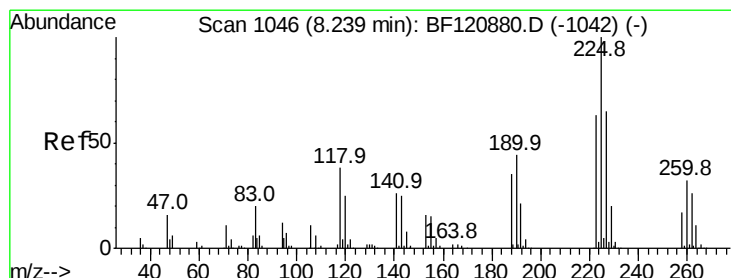
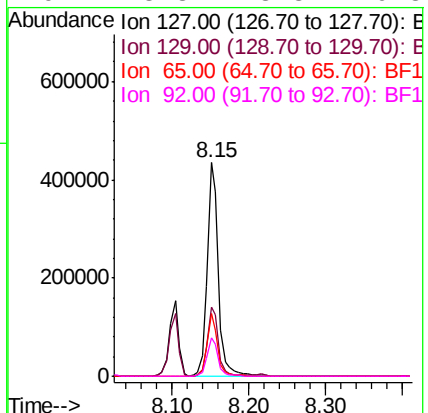
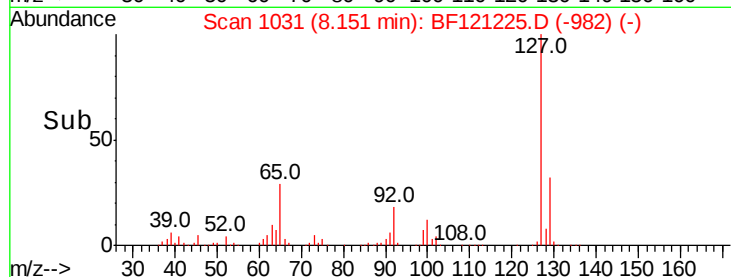
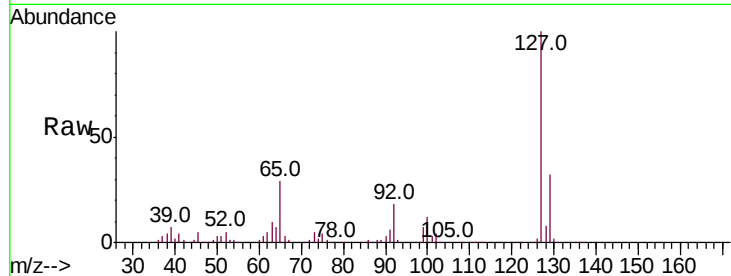
#33
4-Chloroaniline
Concen: 39.407 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.2		
65	29.2	21.4	32.0		
92	18.3	13.8	20.8		

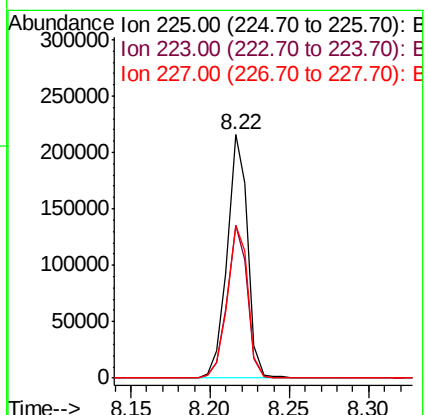
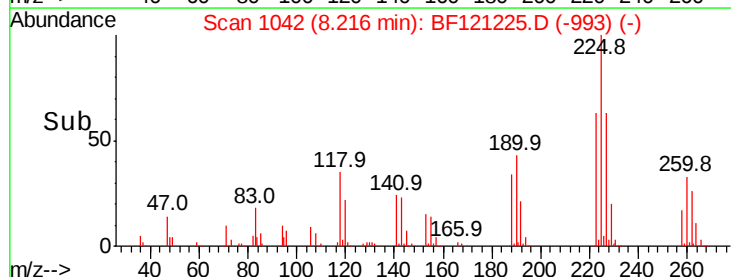
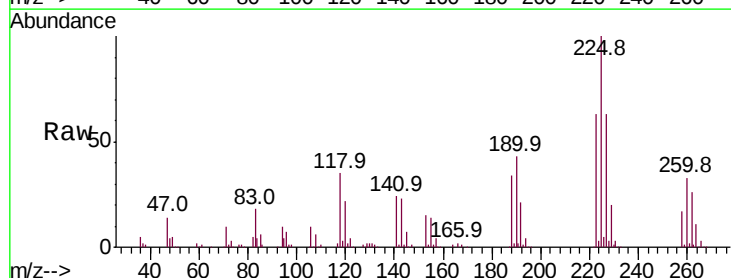
Manual Integrations
APPROVED

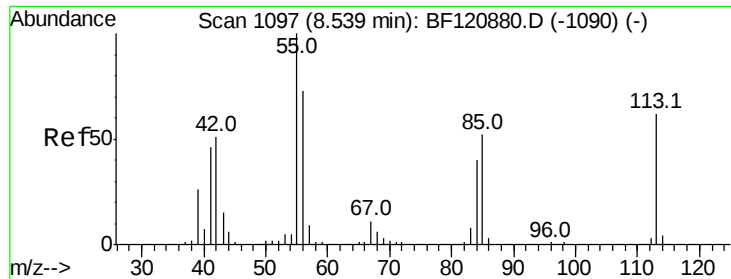
mohammad
8/10/2020 3:44:10 PM



#34
Hexachlorobutadiene
Concen: 41.252 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.7	74.5		
227	62.9	51.4	77.0		





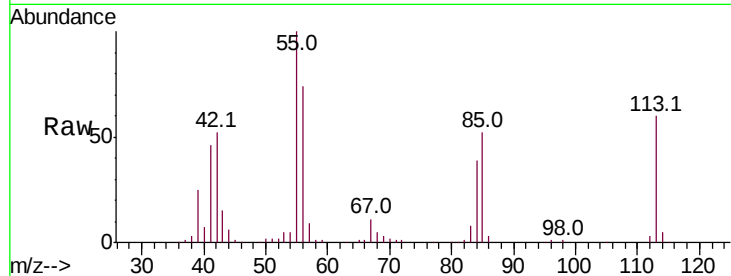
#35
Caprolactam
Concen: 40.077 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

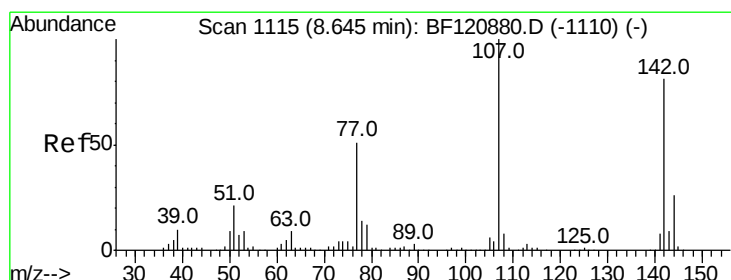
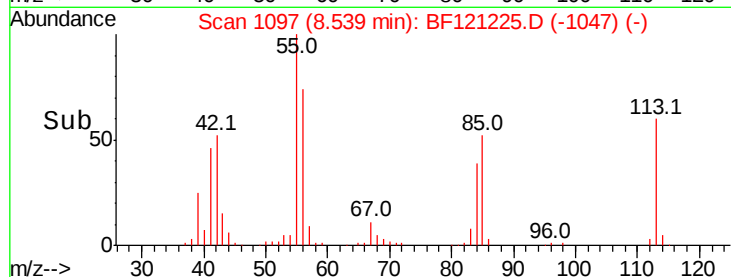
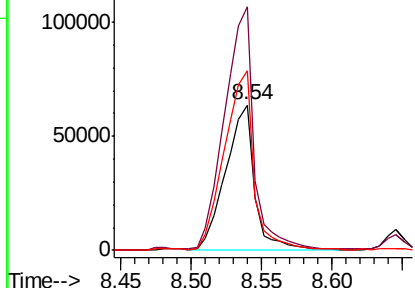
Tot Ion	Ratio	Lower	Upper
113	100		
55	167.4	131.0	171.0
56	123.1	90.4	130.4

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

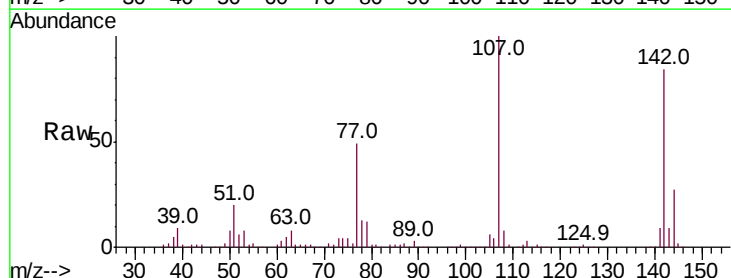


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

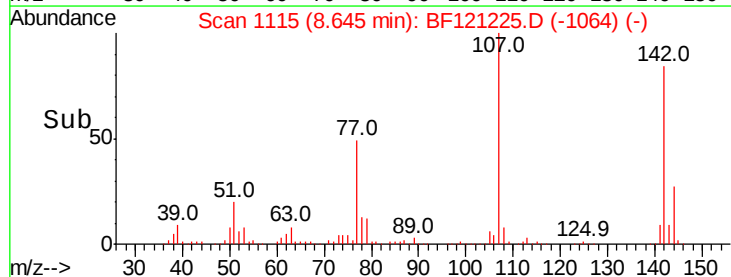
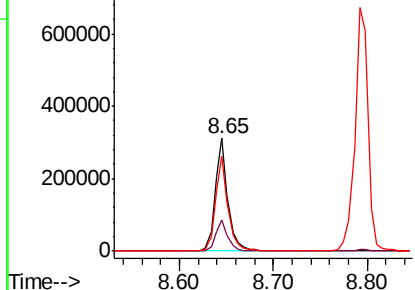


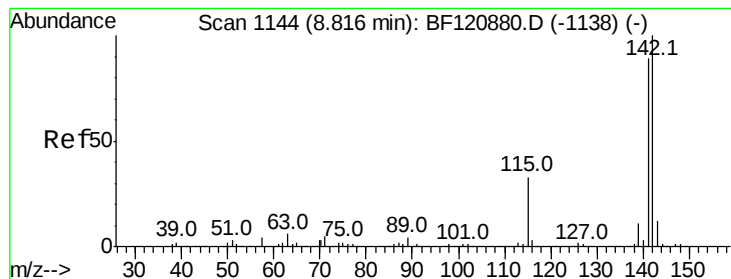
#36
4-Chloro-3-methylphenol
Concen: 40.846 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.9	31.3
142	84.2	64.5	96.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.315 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

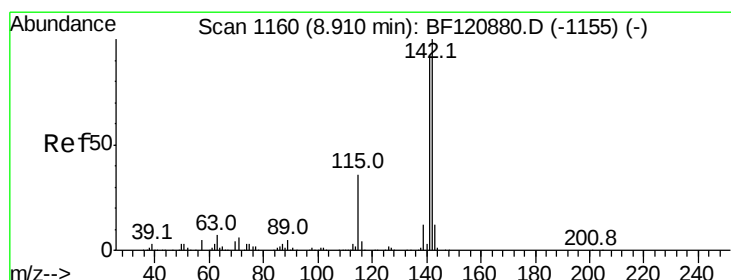
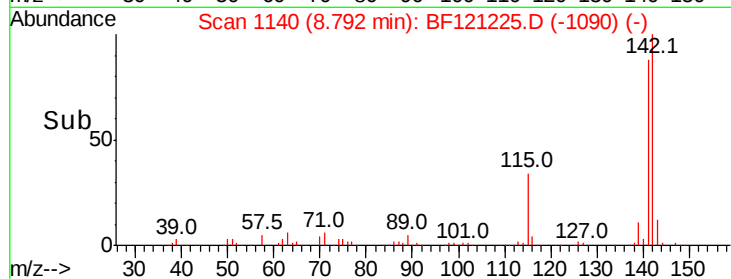
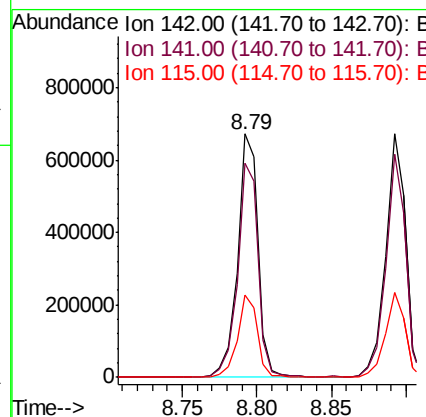
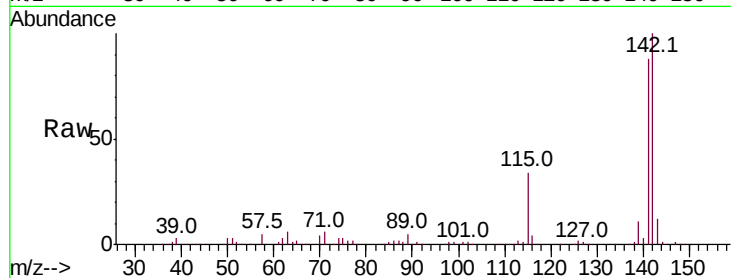
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	651648
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.6	105.8
115	33.9	27.1	40.7

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



#38

1-Methylnaphthalene

Concen: 40.011 ng

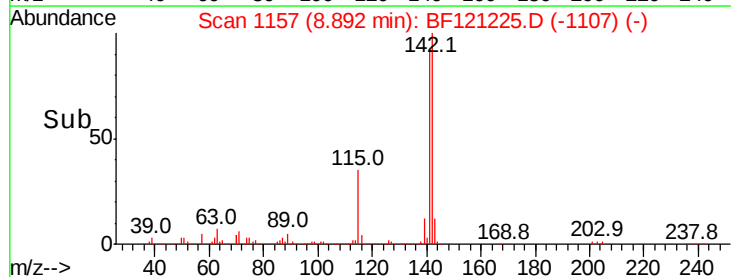
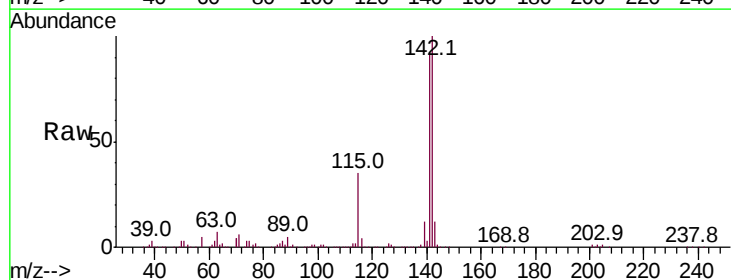
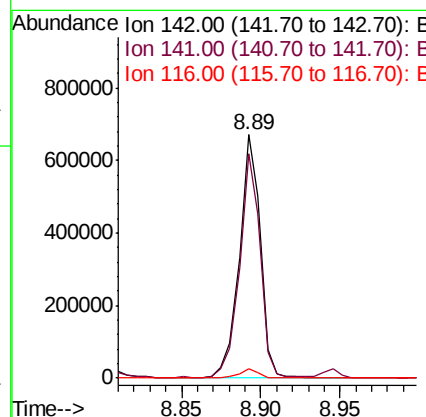
RT: 8.89 min Scan# 1157

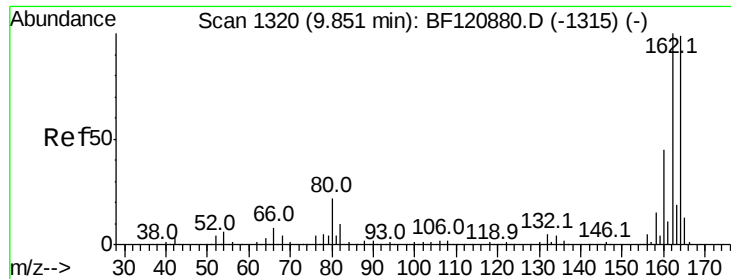
Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:	142	Resp:	612525
Ion Ratio	Lower	Upper	
142	100		
141	92.1	73.0	109.6
116	3.7	3.0	4.6





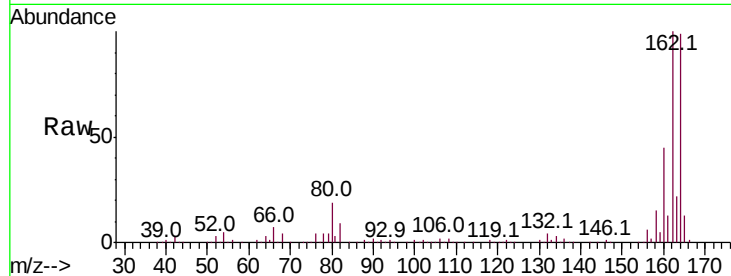
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249044		
162	101.4	82.2	123.2	
160	45.7	37.2	55.8	

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

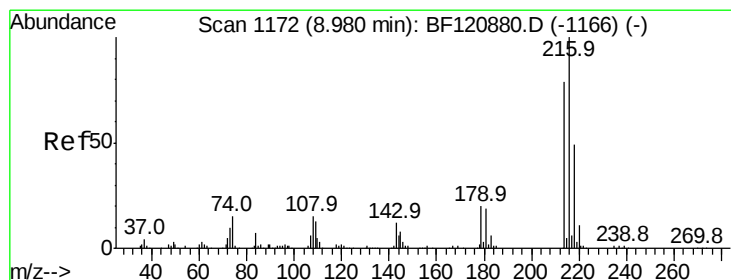
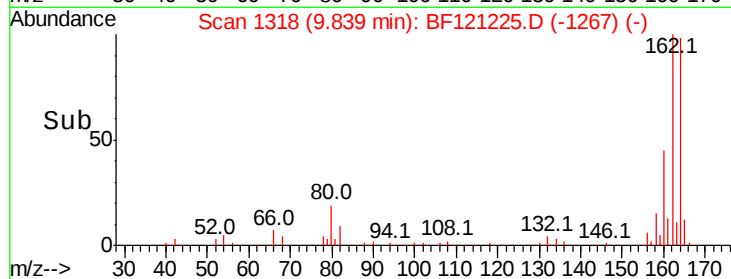
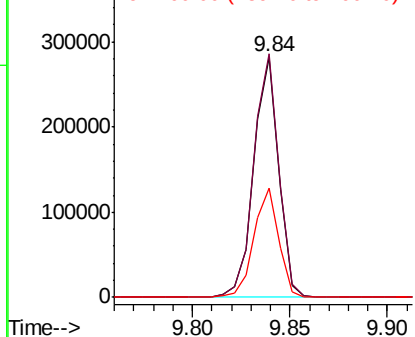


Abundance

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: 42.185 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	306098		
214	79.7	63.9	95.9	
179	20.4	16.6	24.8	
108	18.2	15.0	22.4	

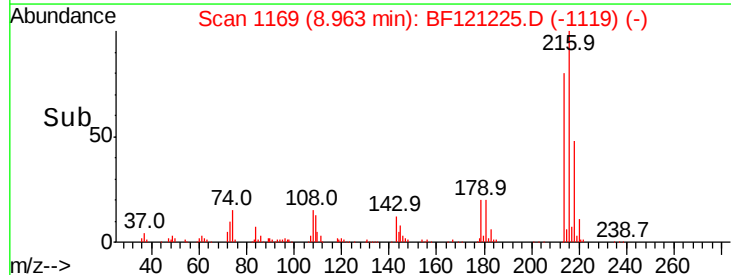
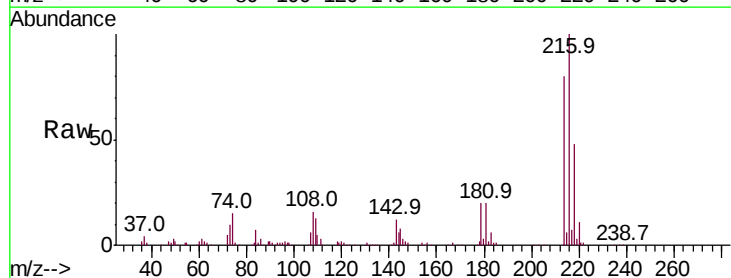
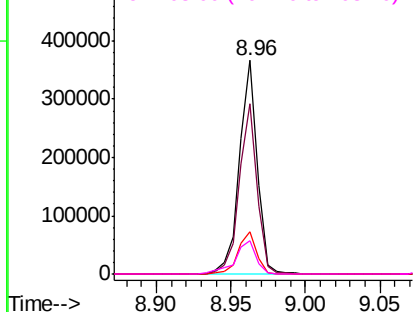
Abundance

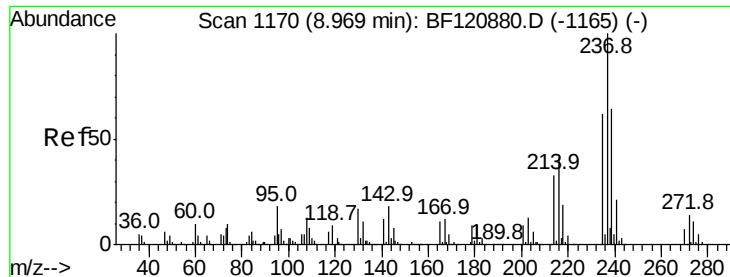
Ion 216.00 (215.70 to 216.70): E

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: 39.783 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

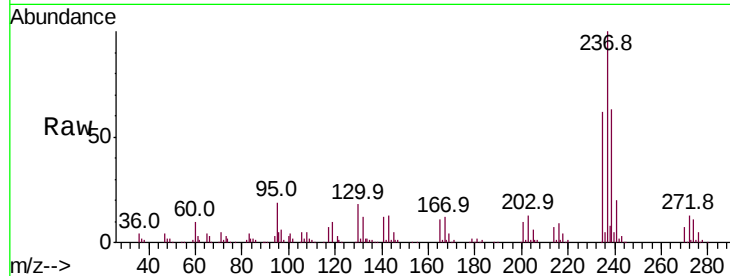
ClientSampled :

SSTDCCC040

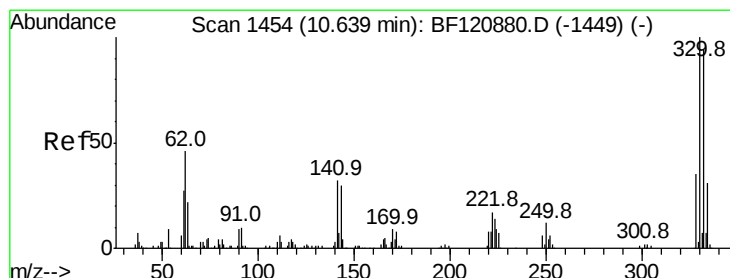
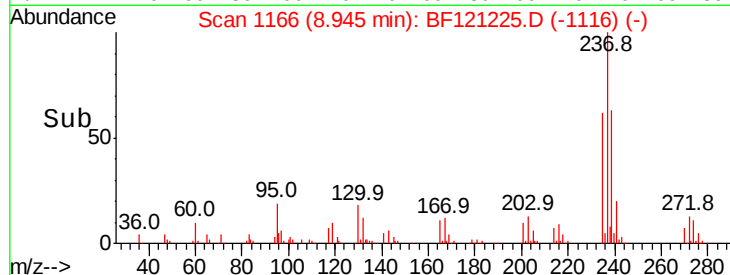
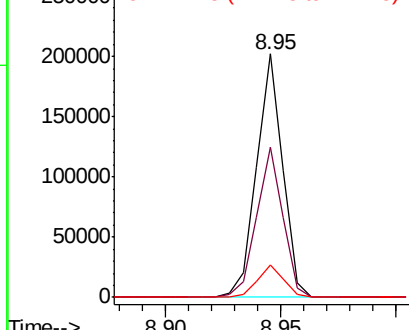
Tot Ion:	237	Resp:	159541
Ion Ratio	Lower	Upper	
237	100		
235	61.8	43.2	83.2
272	13.3	0.0	33.6

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



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



#42

2,4,6-Tribromophenol

Concen: 81.129 ng

RT: 10.63 min Scan# 1453

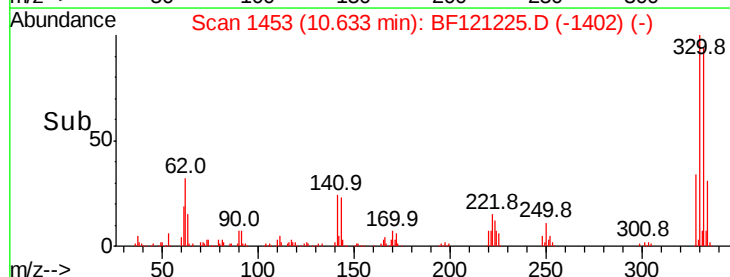
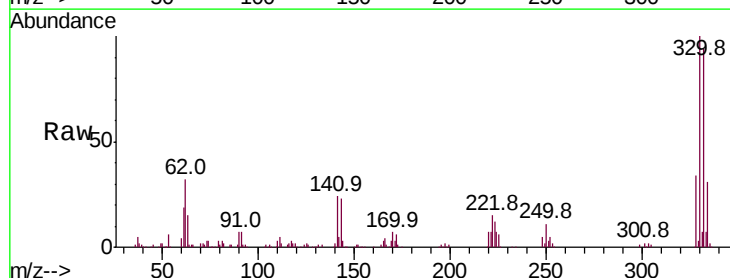
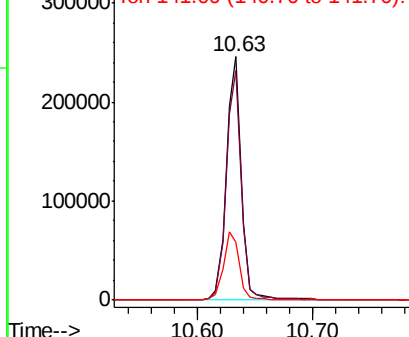
Delta R.T. 0.00 min

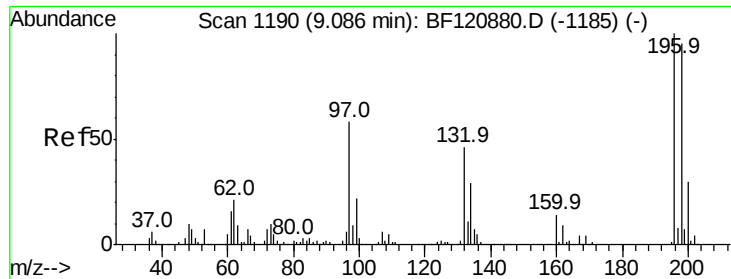
Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:	330	Resp:	221160
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.1	114.1
141	30.0	24.1	36.1

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





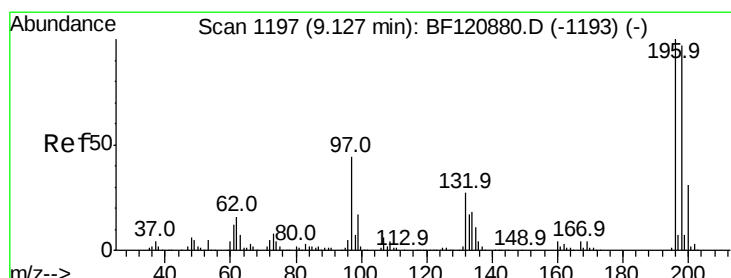
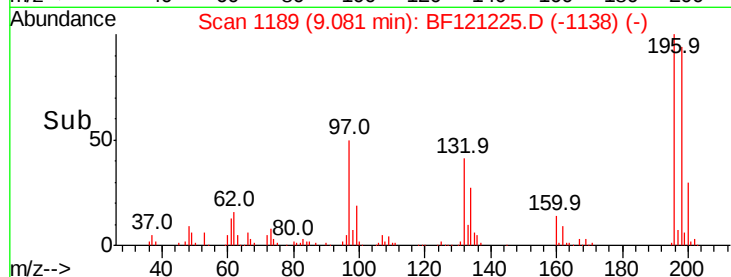
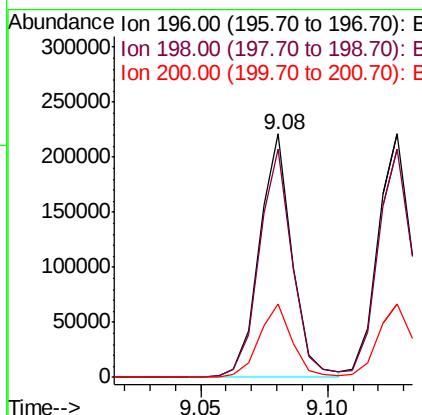
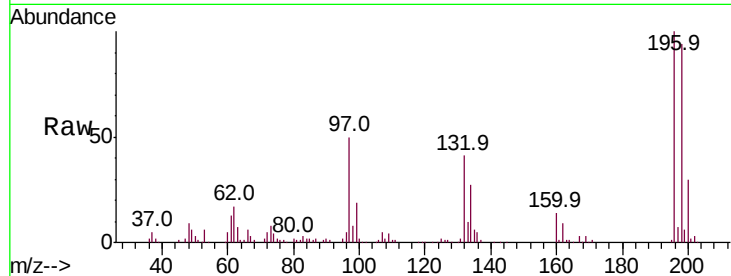
#43
 2,4,6-Trichlorophenol
 Concen: 38.771 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198077		
198	94.0	77.5	116.3	
200	30.2	24.6	37.0	

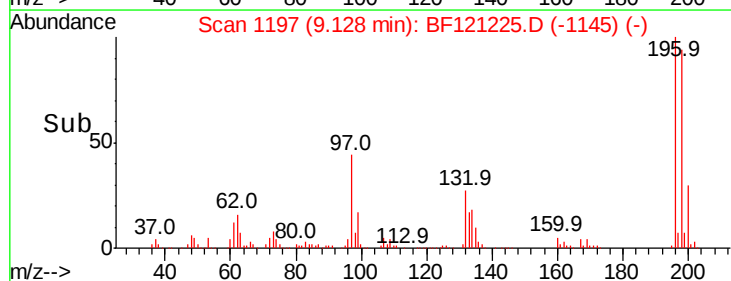
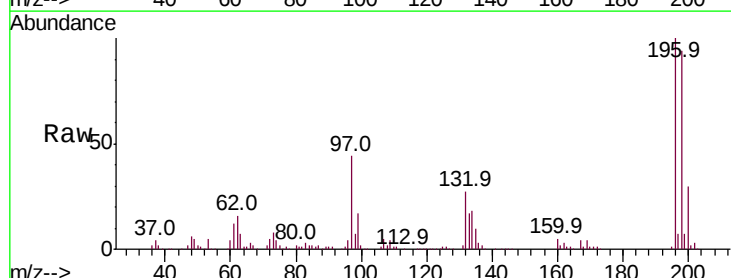
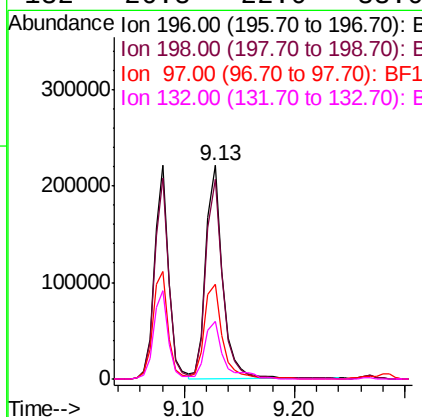
Manual Integrations
 APPROVED

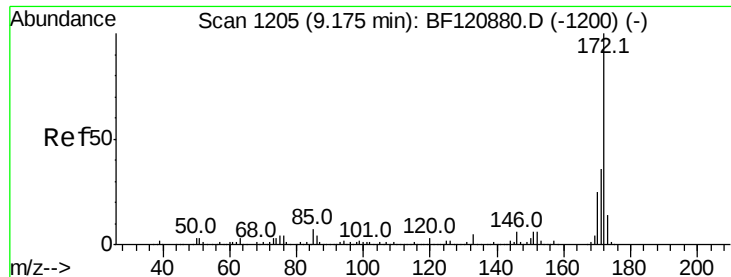
mohammad
 8/10/2020 3:44:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.936 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225641		
198	93.7	76.2	114.4	
97	44.2	37.3	55.9	
132	26.8	22.0	33.0	





#45

2-Fluorobiphenyl

Concen: 72.889 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1215813

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

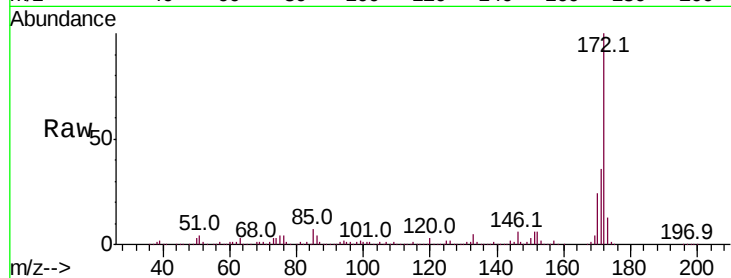
170 24.3 19.6 29.4

Manual Integrations

APPROVED

mohammad

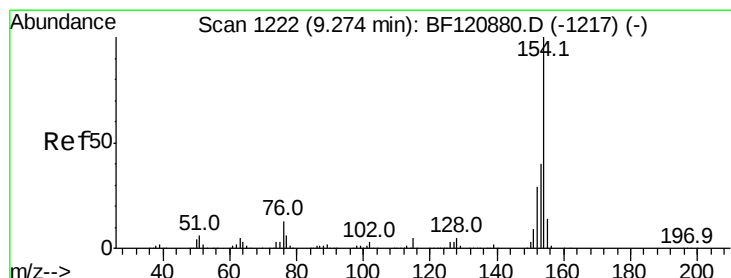
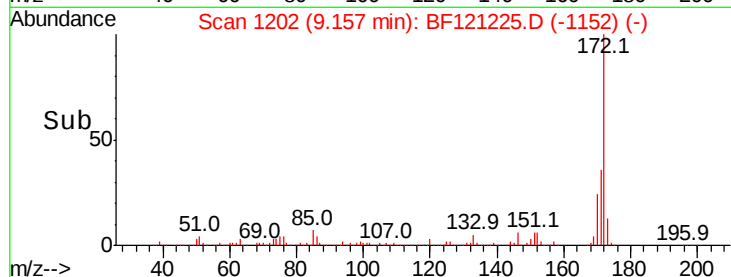
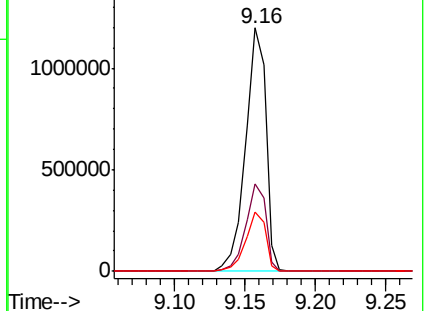
8/10/2020 3:44:10 PM



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: 40.708 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

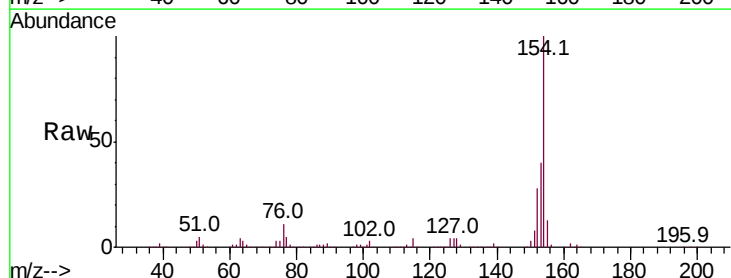
Tgt Ion:154 Resp: 773326

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

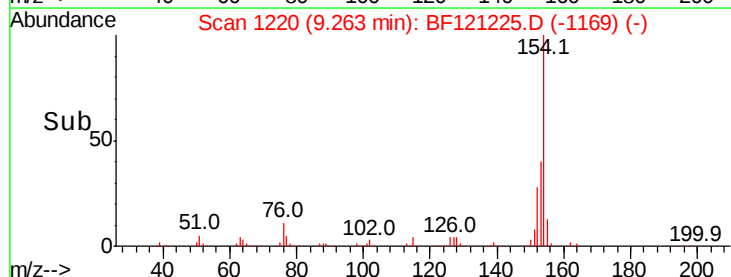
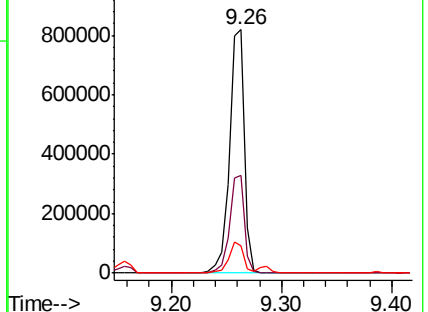
76 11.4 0.0 33.4

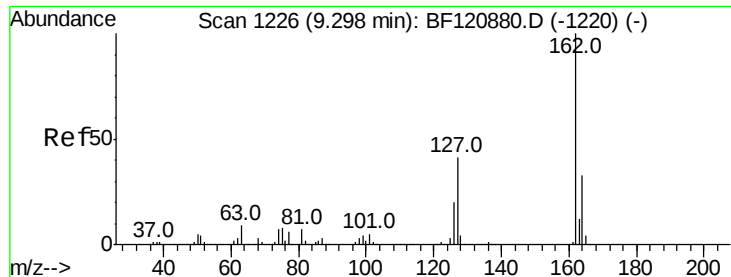


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





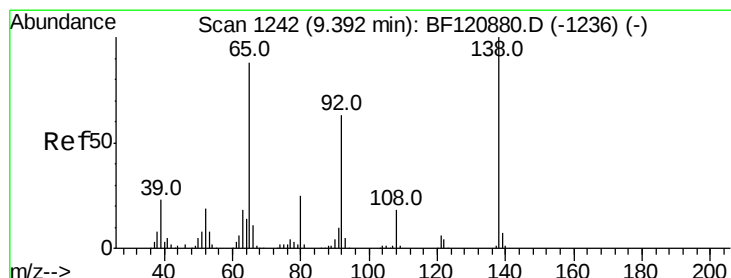
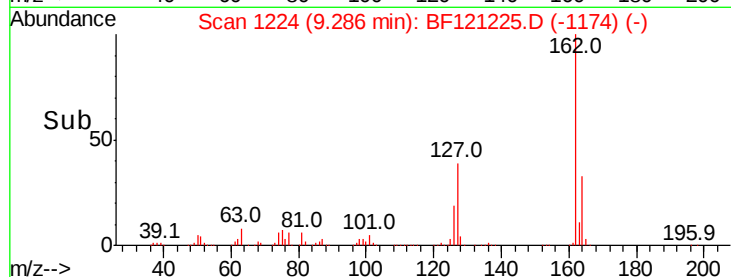
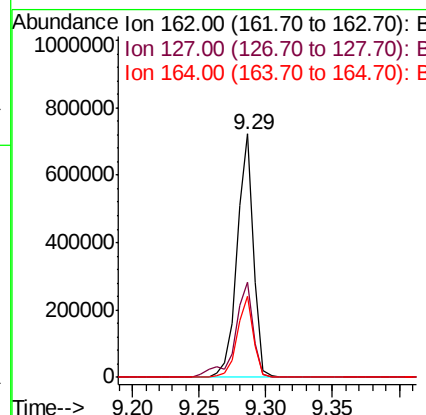
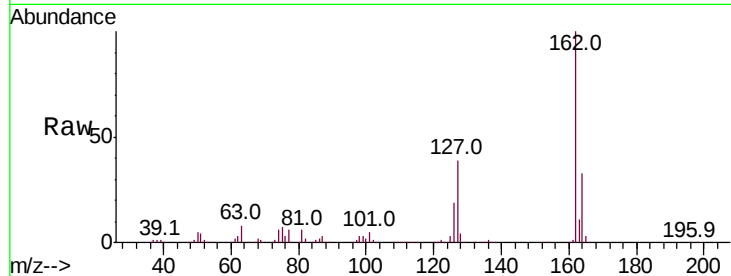
#47
 2-Chloronaphthalene
 Concen: 40.334 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.3	31.1	46.7	
164	33.1	26.6	40.0	

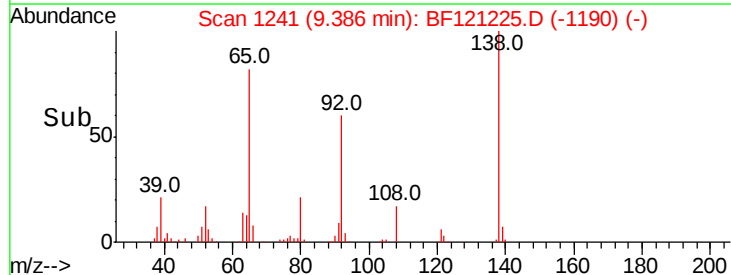
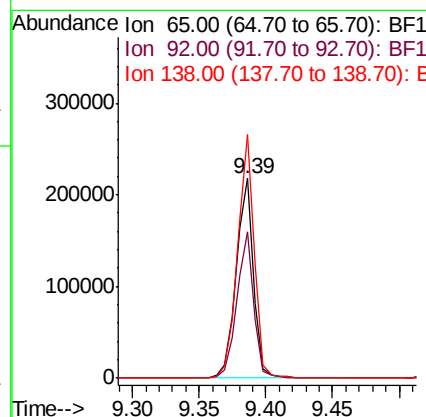
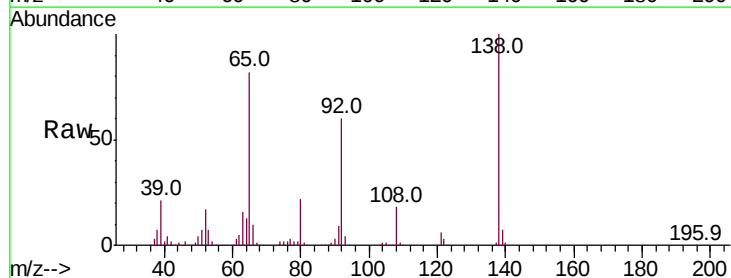
Manual Integrations
 APPROVED

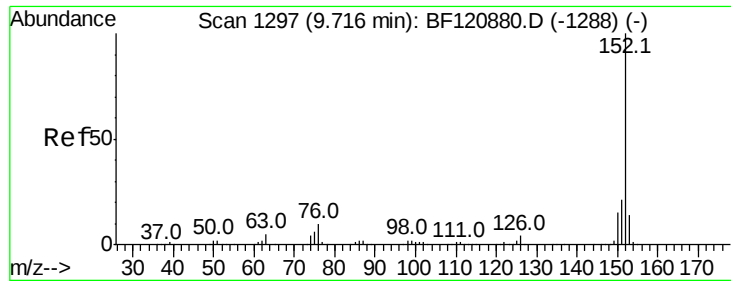
mohammad
 8/10/2020 3:44:10 PM



#48
 2-Nitroaniline
 Concen: 42.759 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.9	58.0	87.0	
138	121.8	93.3	139.9	





#49

Acenaphthylene

Concen: 40.312 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

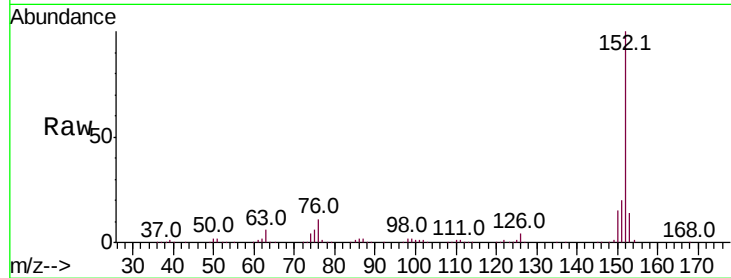
ClientSampleId :

SSTDCCC040

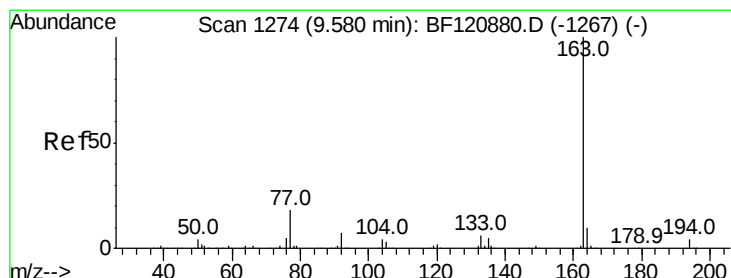
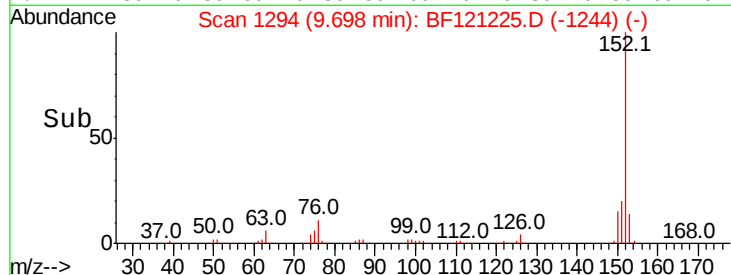
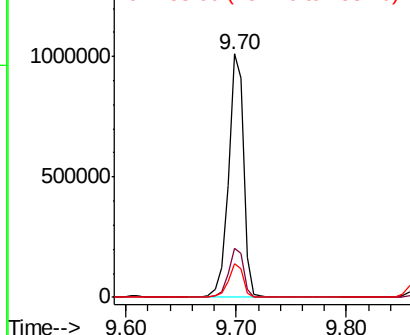
Tot Ion:	152	Resp:	969974
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.6	25.0
153	13.6	11.0	16.4

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



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



#50

Dimethylphthalate

Concen: 41.538 ng

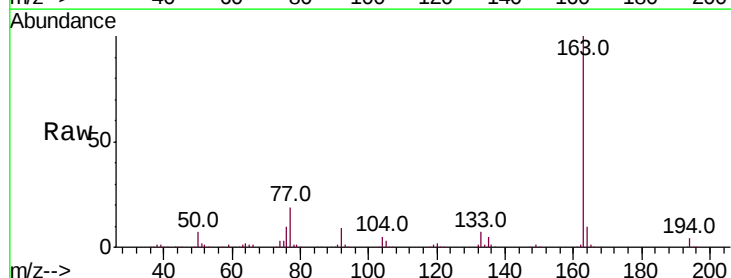
RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

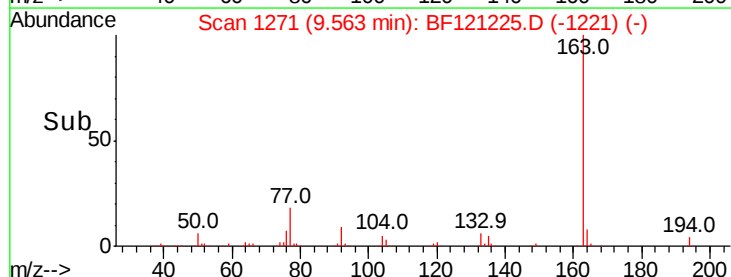
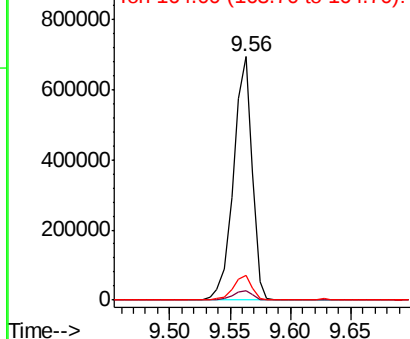
Lab File: BF121225.D

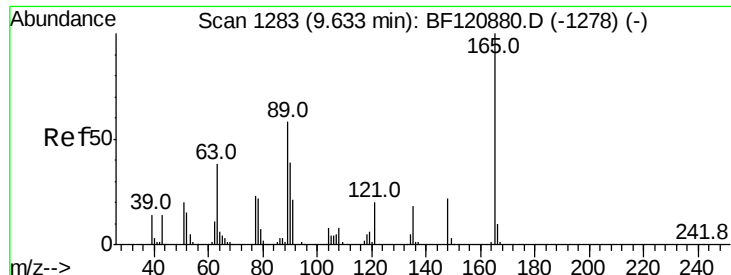
Acq: 7 Aug 2020 10:33

Tgt Ion:	163	Resp:	746315
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	10.0	8.4	12.6



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





#51

2,6-Dinitrotoluene

Concen: 42.450 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:165 Resp: 163858
Ion Ratio Lower Upper

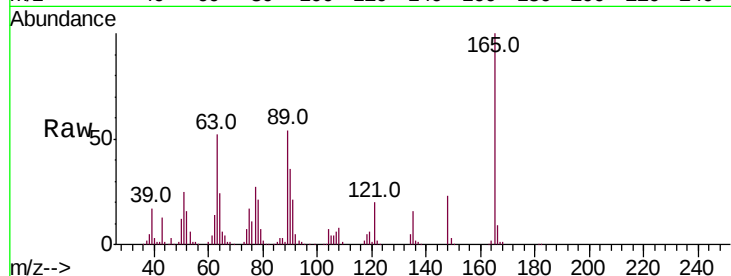
165 100

63 51.5 41.1 61.7

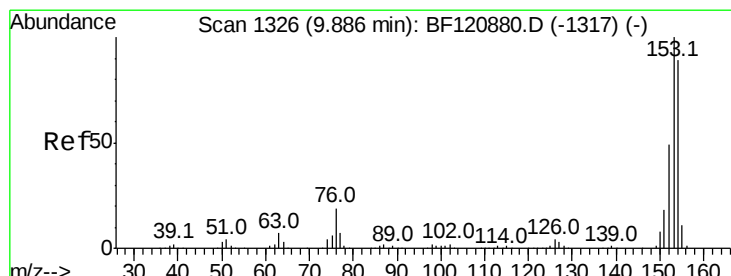
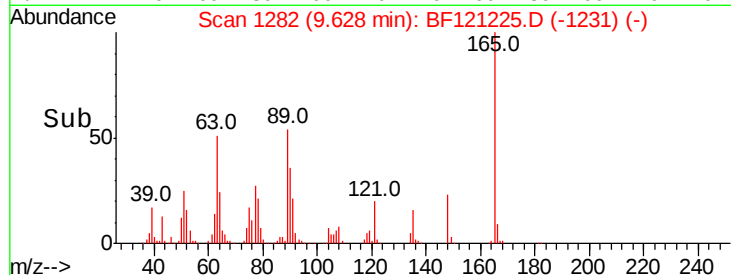
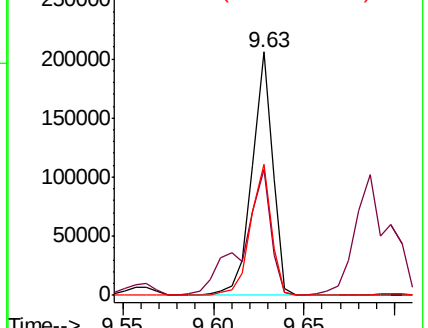
89 53.9 43.5 65.3

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.077 ng m

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF121225.D

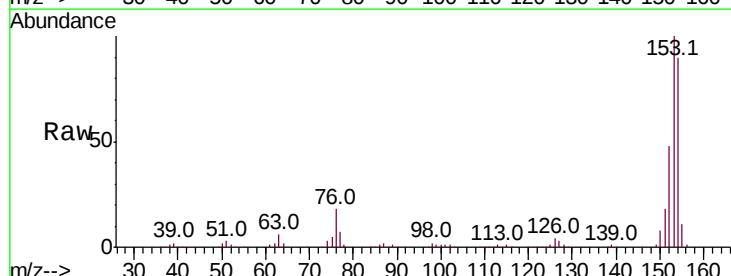
Acq: 7 Aug 2020 10:33

Tgt Ion:154 Resp: 613086
Ion Ratio Lower Upper

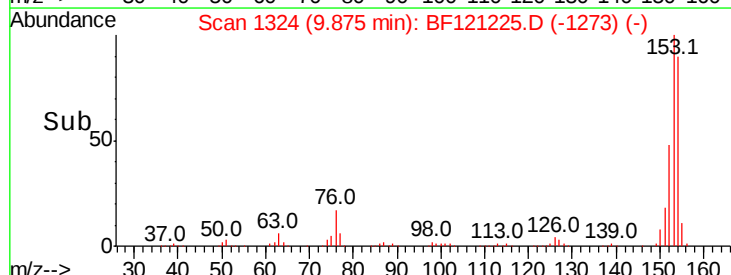
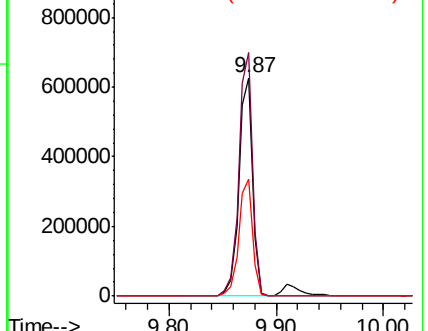
154 100

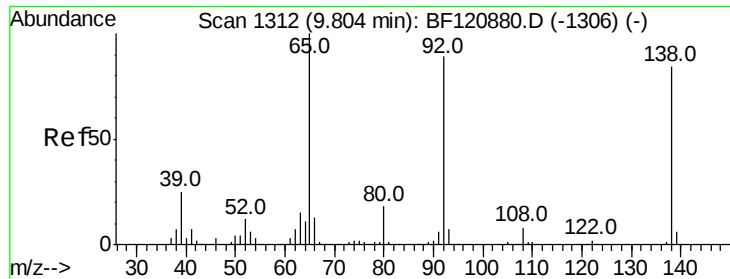
153 111.4 89.6 134.4

152 53.5 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





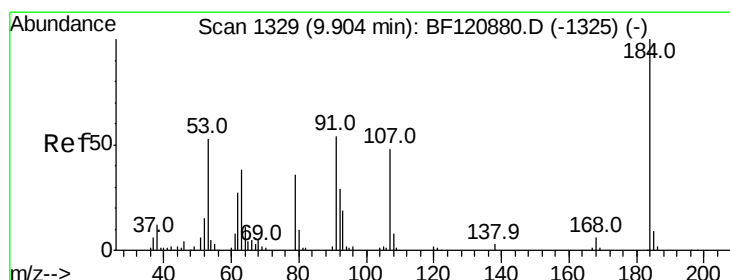
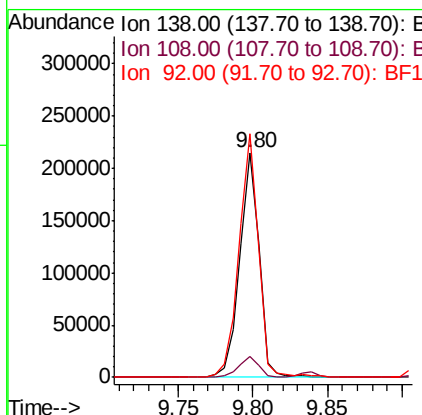
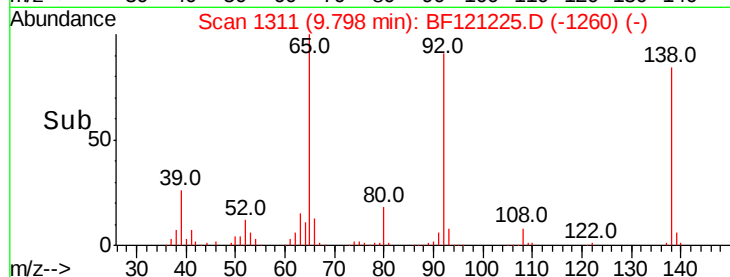
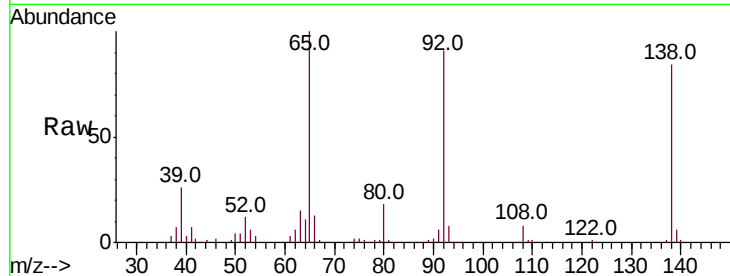
#53
 3-Nitroaniline
 Concen: 40.402 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.8
92	108.3	85.0	127.4

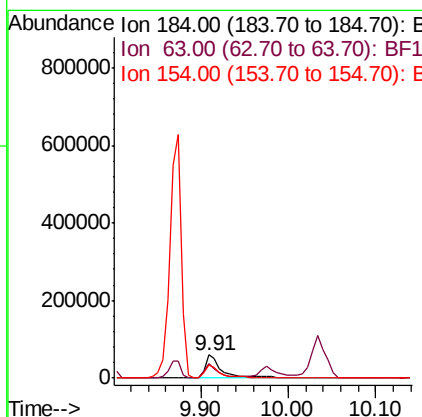
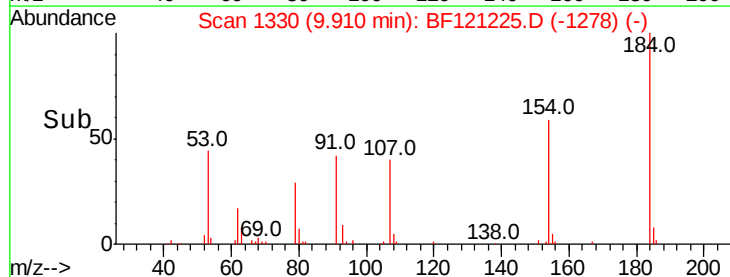
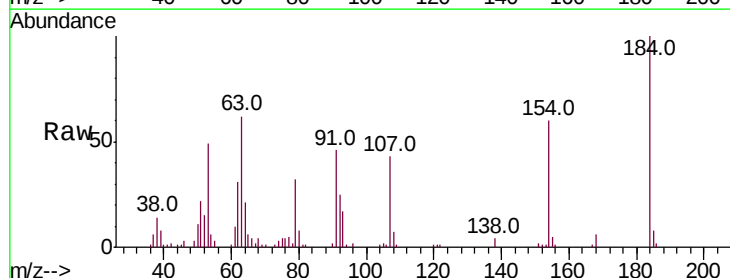
Manual Integrations
 APPROVED

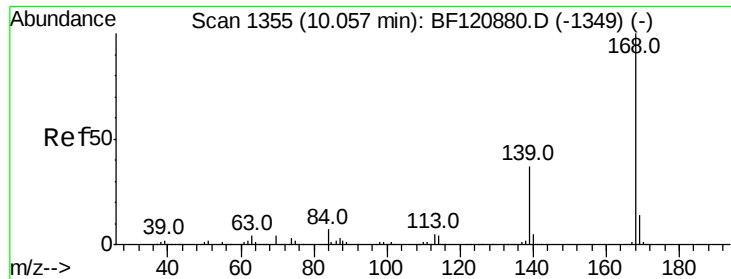
mohammad
 8/10/2020 3:44:10 PM



#54
 2,4-Dinitrophenol
 Concen: 38.735 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	42.5	63.7
154	59.6	46.8	70.2





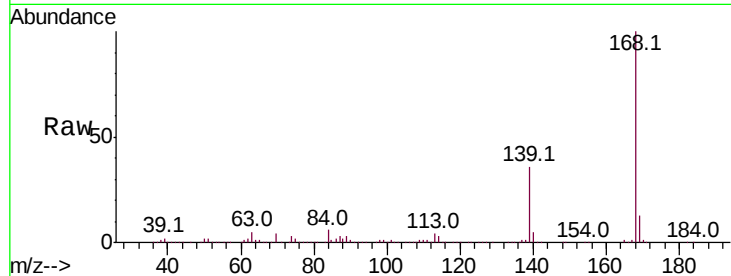
#55
Dibenzenofuran
Concen: 39.031 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.1	45.1
169	13.4	11.3	16.9

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

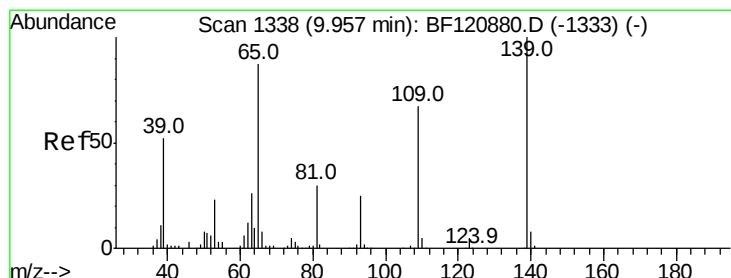
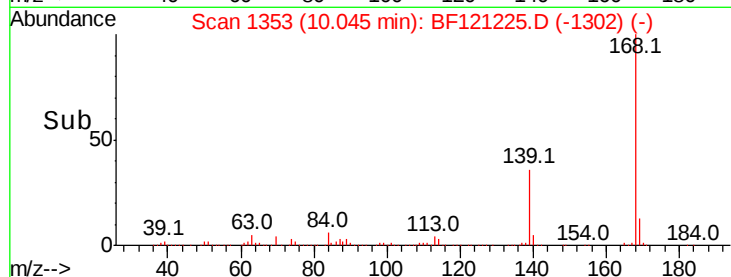
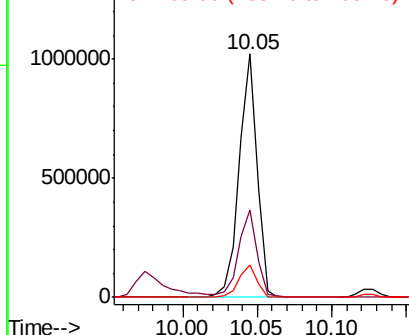


Abundance

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: 41.537 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

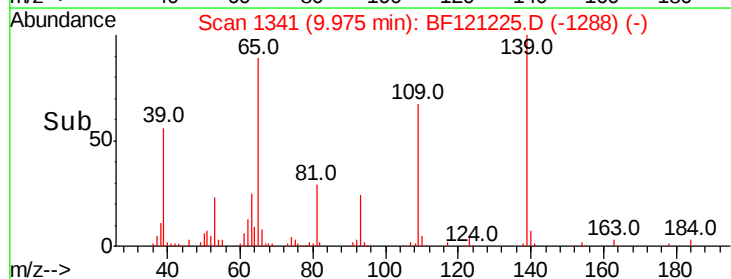
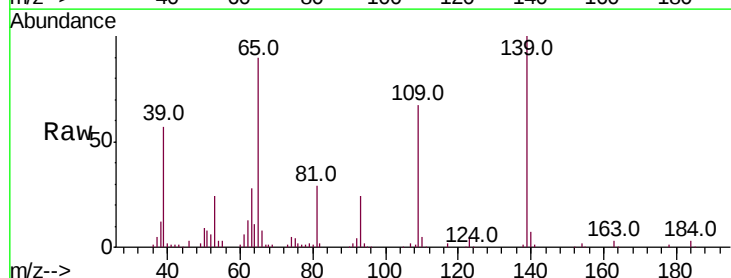
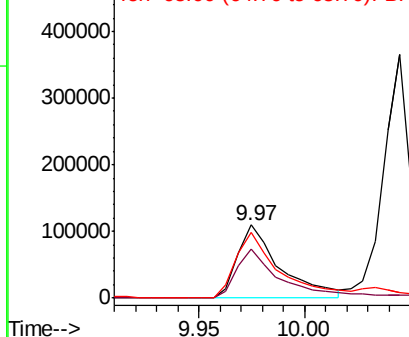
Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	44.8	84.8
65	89.6	65.6	105.6

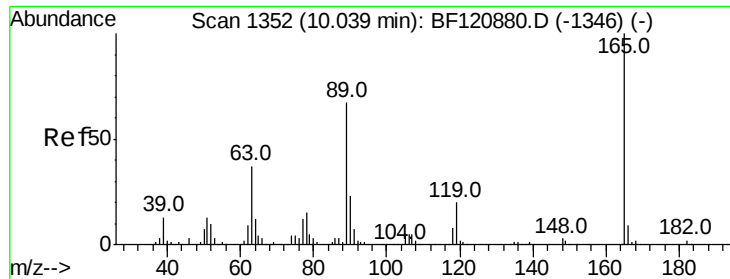
Abundance

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





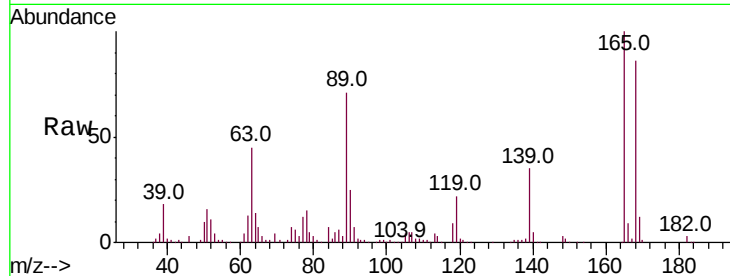
#57
2,4-Dinitrotoluene
Concen: 42.025 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.0	29.8	44.8#
89	70.8	50.3	75.5
182	2.6	2.1	3.1

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



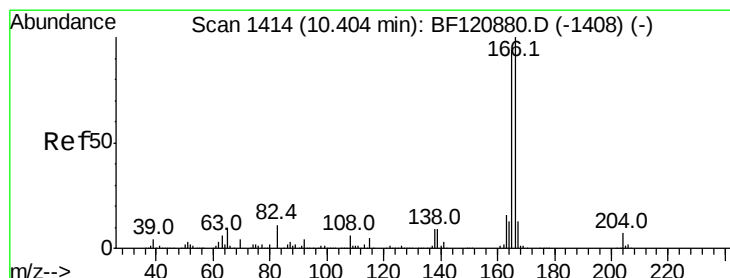
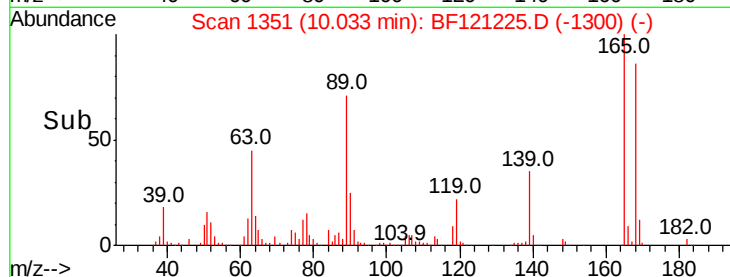
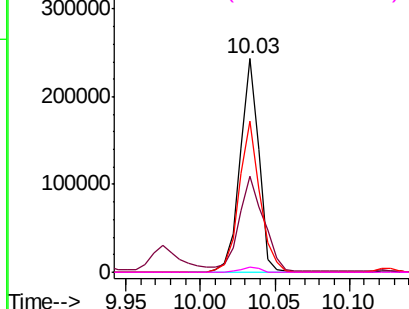
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

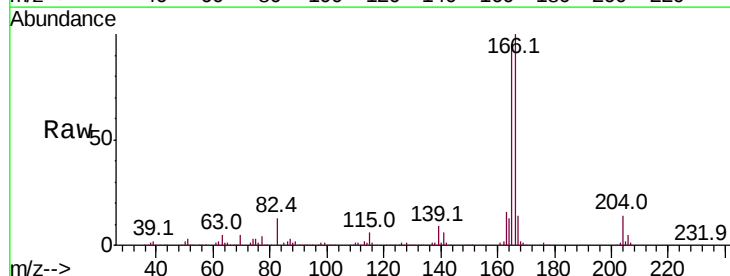
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.208 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	94.5	76.4	114.6
167	13.9	10.7	16.1

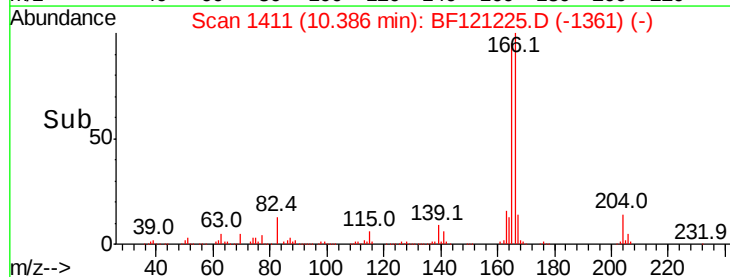
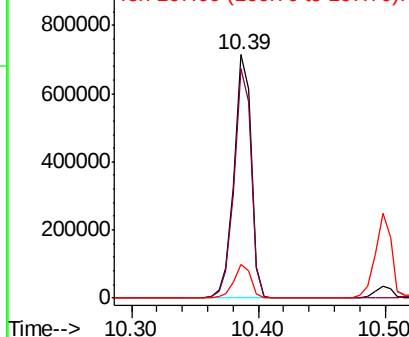


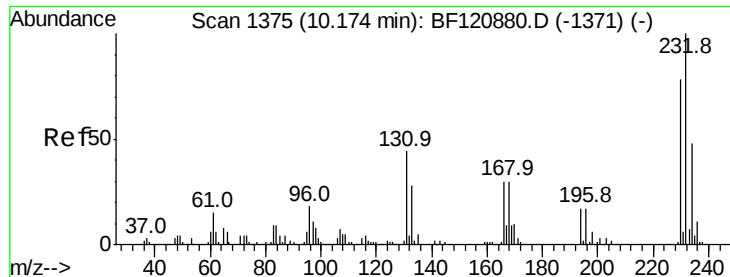
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





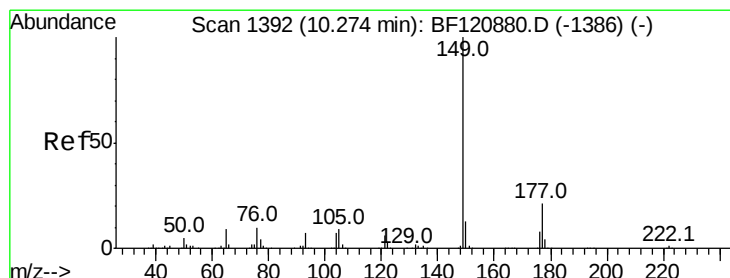
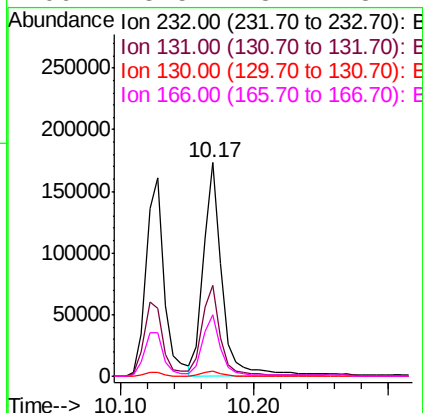
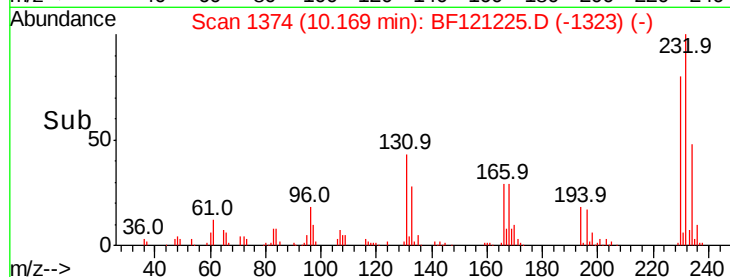
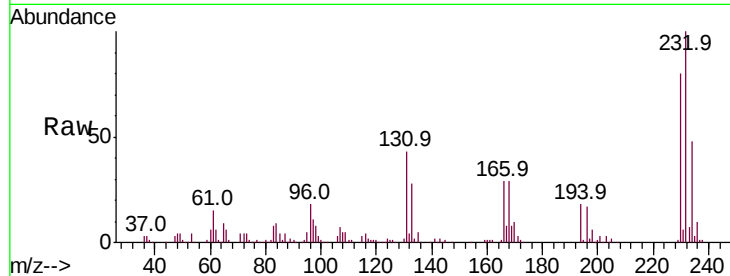
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.137 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	163862		
131	42.2		34.2	51.2
130	2.2		1.7	2.5
166	28.5		23.1	34.7

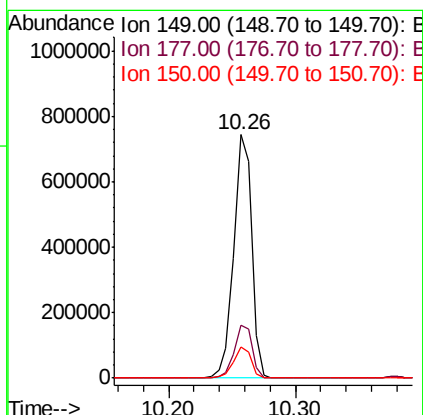
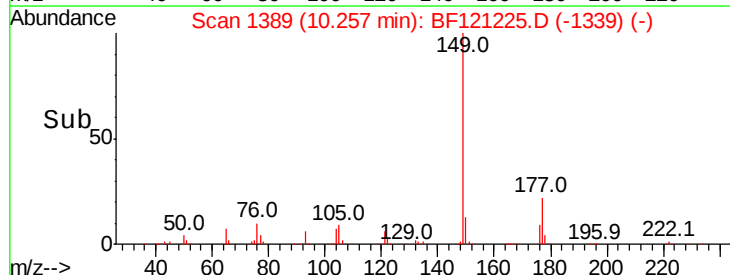
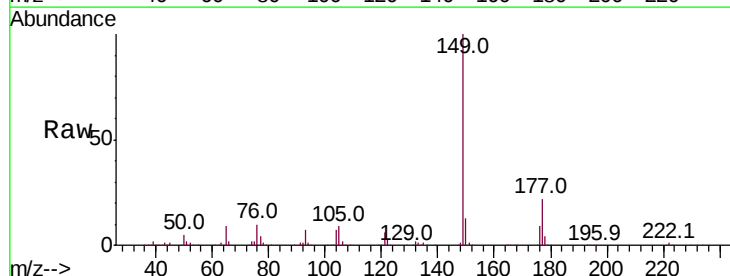
Manual Integrations
 APPROVED

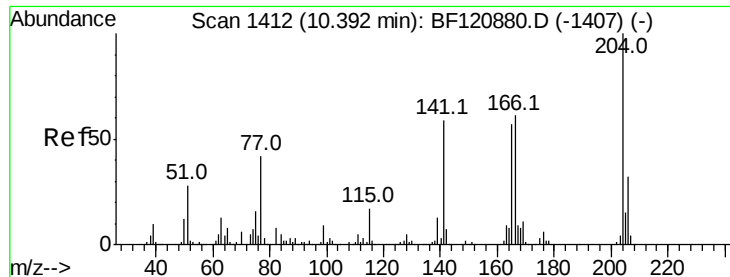
mohammad
 8/10/2020 3:44:10 PM



#60
 Diethylphthalate
 Concen: 39.679 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	721101		
177	21.6		17.6	26.4
150	12.7		10.2	15.4





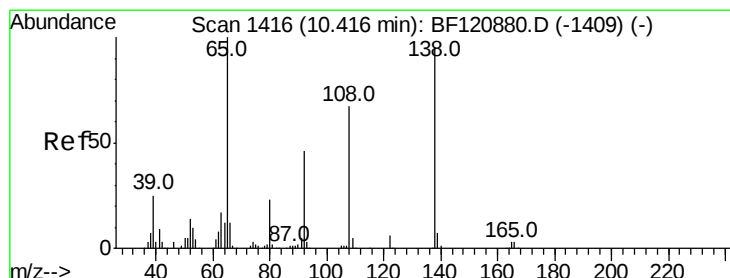
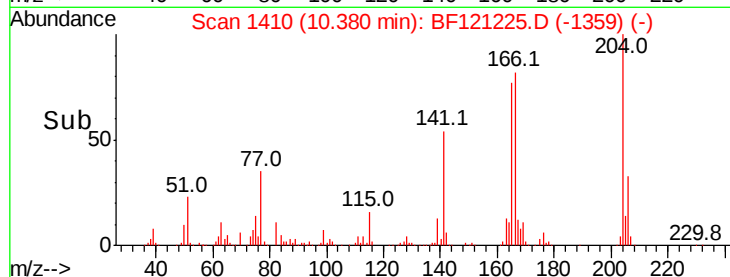
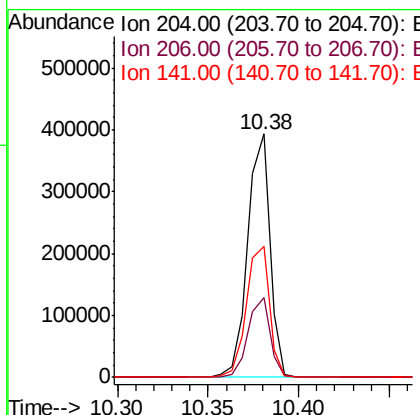
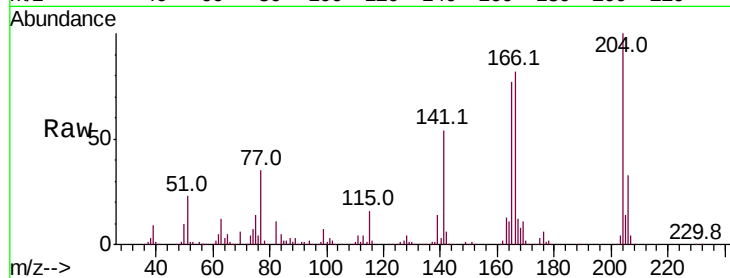
#61
4-Chlorophenyl-phenylether
Concen: 38.304 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	54.1	46.9	70.3

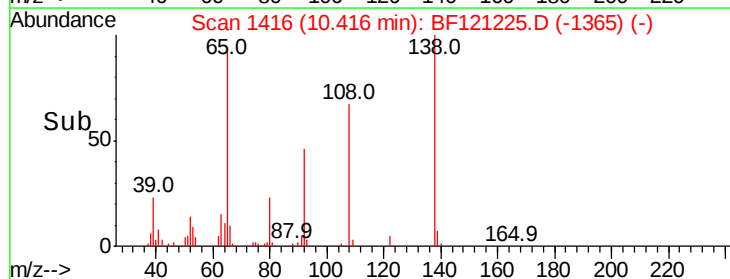
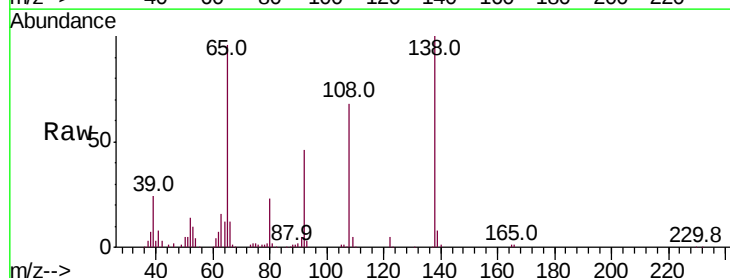
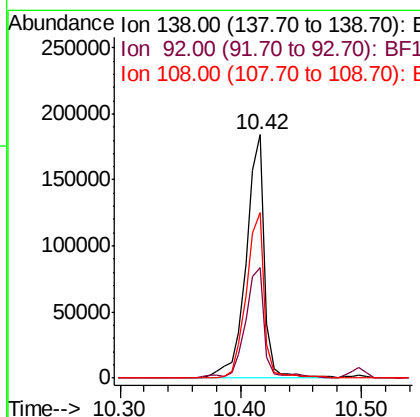
Manual Integrations
APPROVED

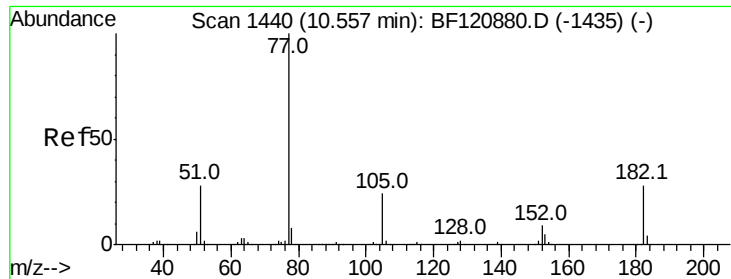
mohammad
8/10/2020 3:44:10 PM



#62
4-Nitroaniline
Concen: 41.478 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	25.2	65.2
108	67.8	46.7	86.7





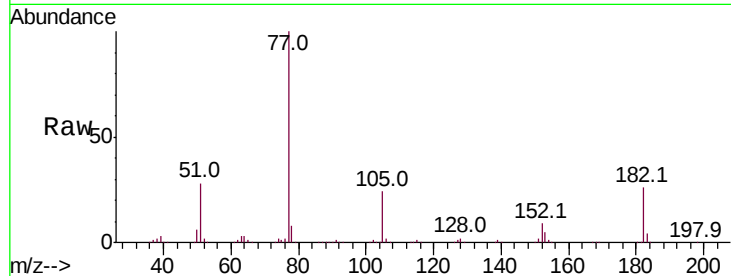
#63
Azobenzene
Concen: 39.373 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

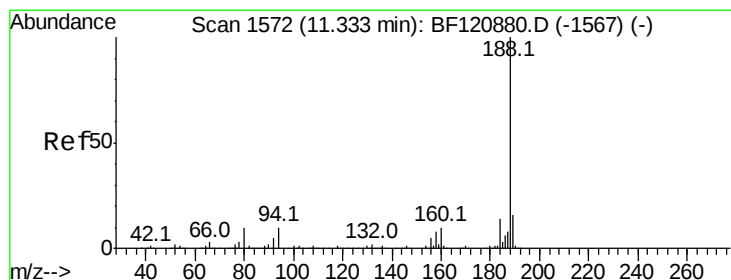
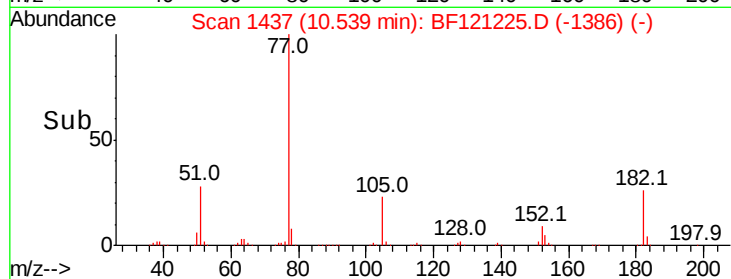
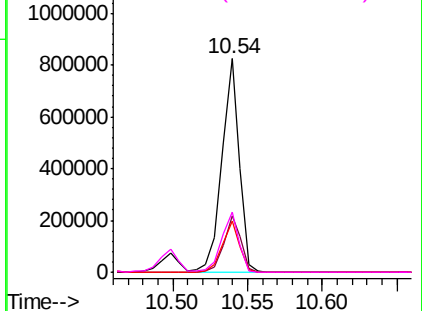
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		681191		
182	26.1	4.5	44.5		
105	23.7	3.4	43.4		
51	28.4	8.7	48.7		

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

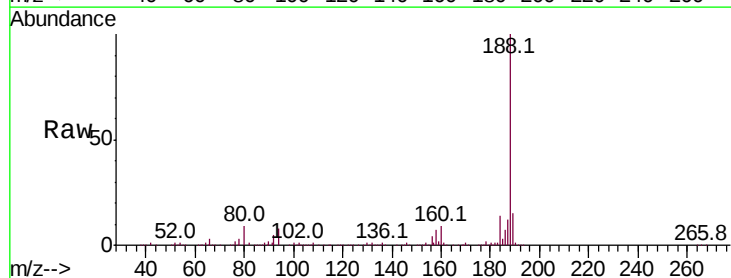


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

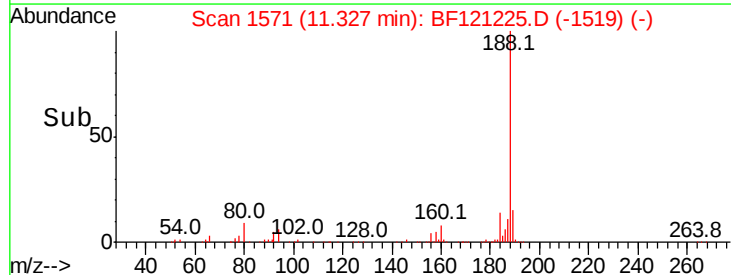
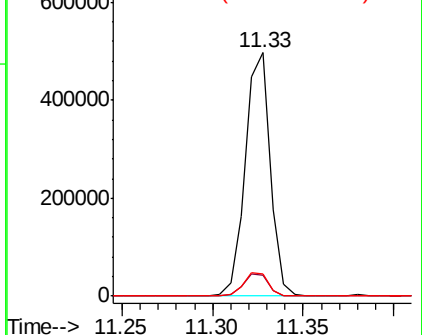


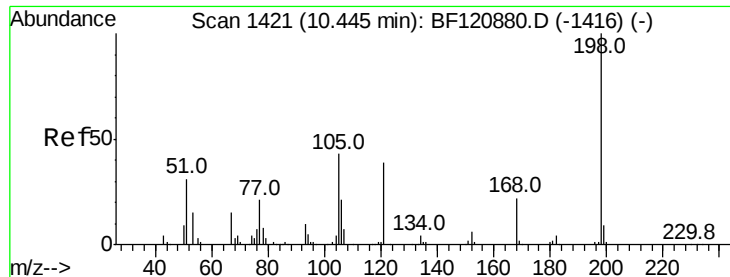
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		476130		
94	8.4	8.0	12.0		
80	9.0	8.3	12.5		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





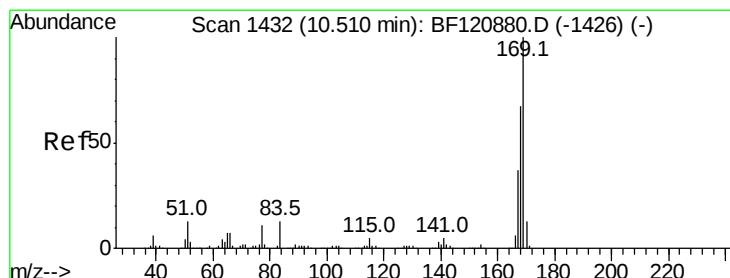
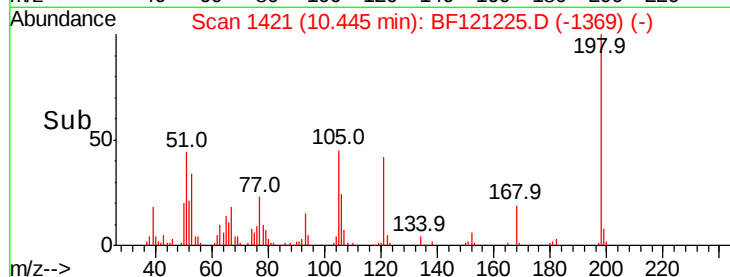
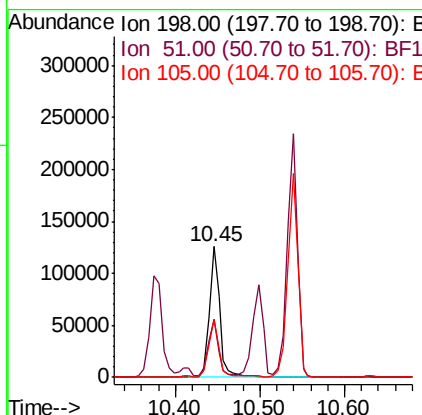
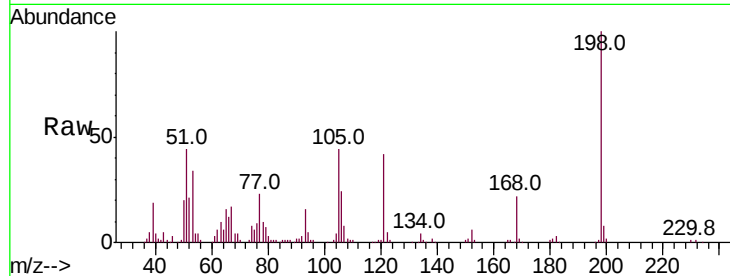
#65
4,6-Dinitro-2-methylphenol
Concen: 40.726 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.3	23.4	63.4
105	44.4	23.7	63.7

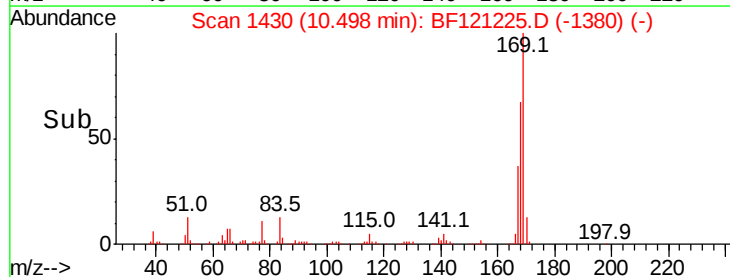
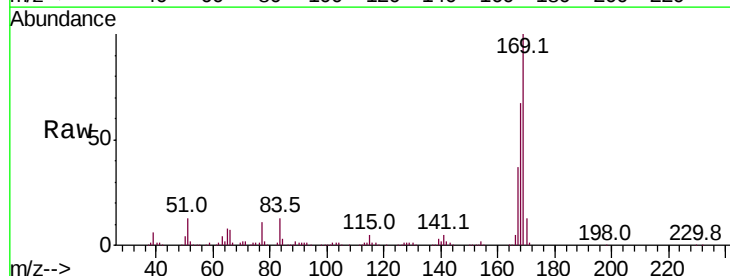
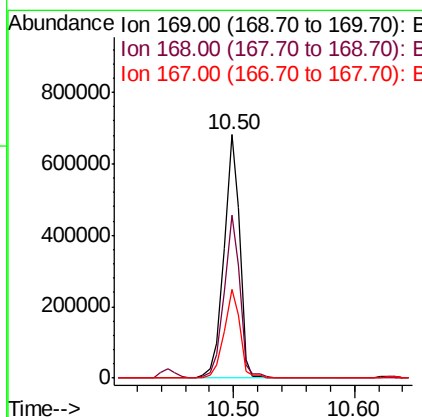
Manual Integrations
APPROVED

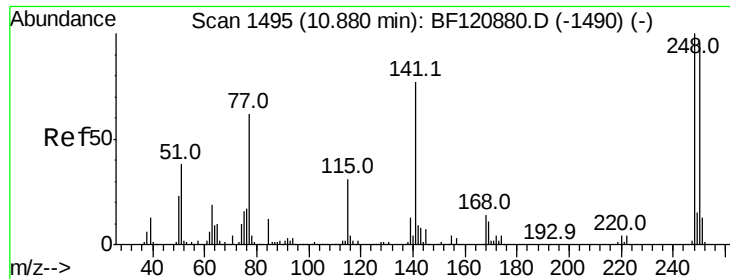
mohammad
8/10/2020 3:44:10 PM



#66
n-Nitrosodiphenylamine
Concen: 40.572 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.7	80.5
167	36.7	30.0	45.0





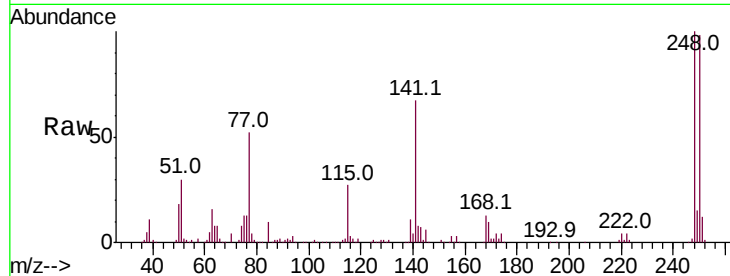
#67
4-Bromophenyl-phenylether
Concen: 41.599 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.6
141	67.0	56.6	85.0

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM

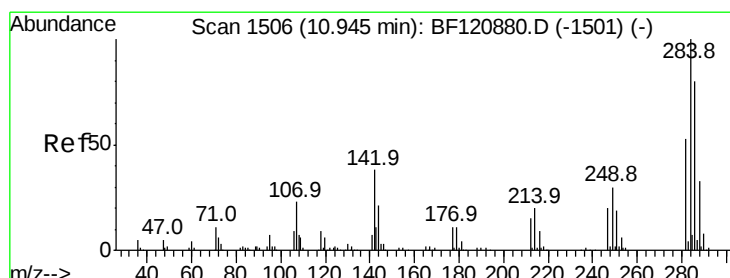
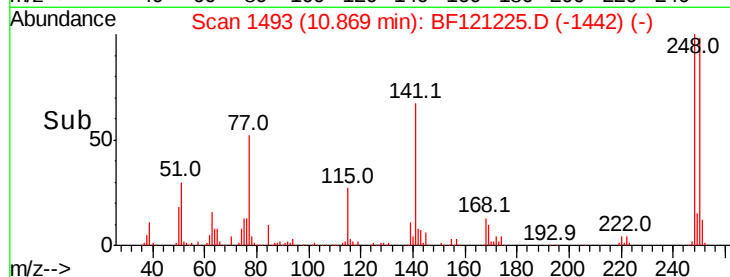
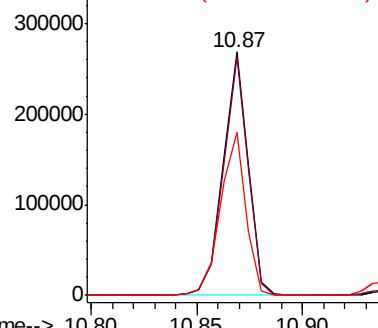


Abundance

Ion 248.00 (247.70 to 248.70): E

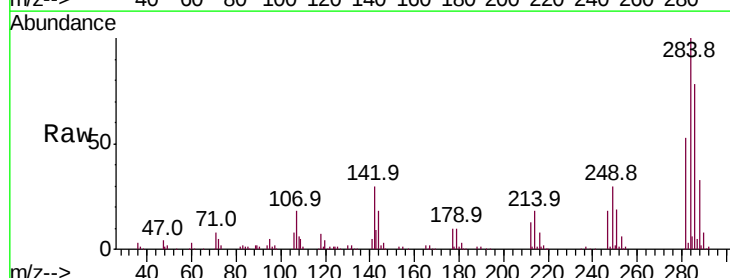
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.644 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	21.1	31.7
249	29.7	22.5	33.7

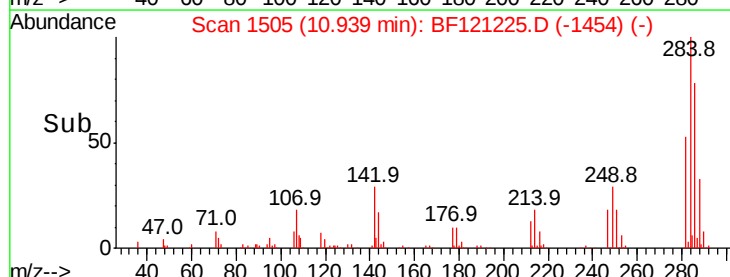
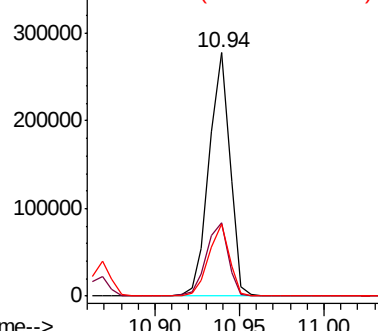


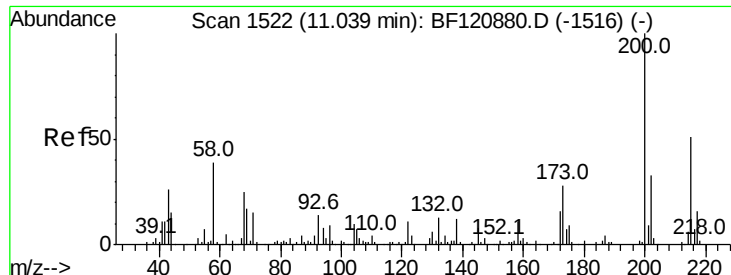
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





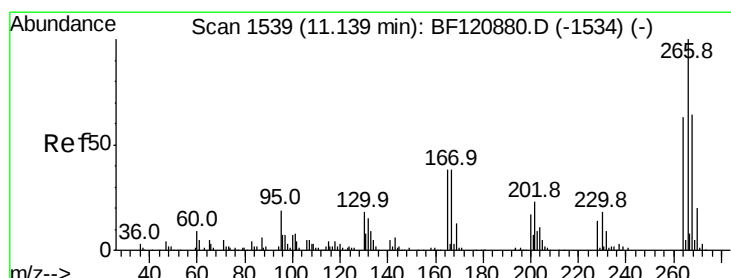
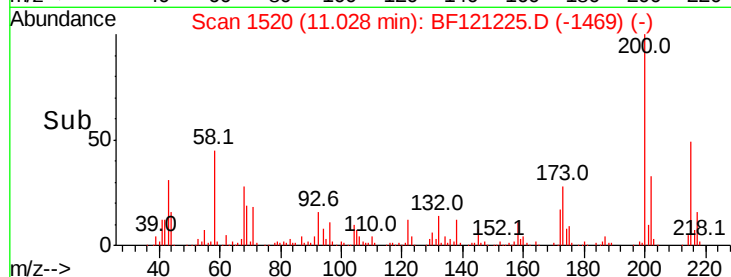
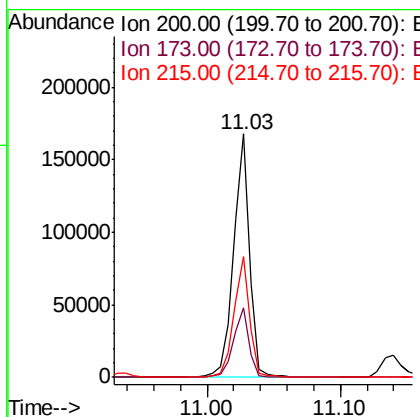
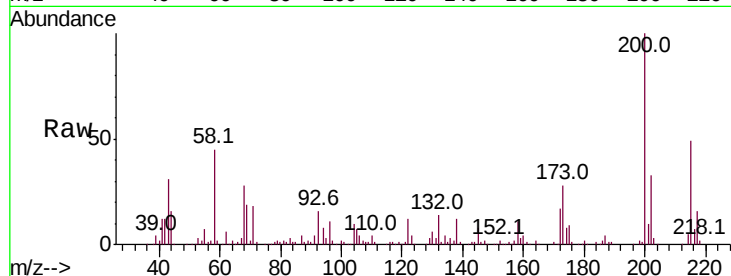
#69
Atrazine
Concen: 38.102 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.6	47.6
215	49.5	28.8	68.8

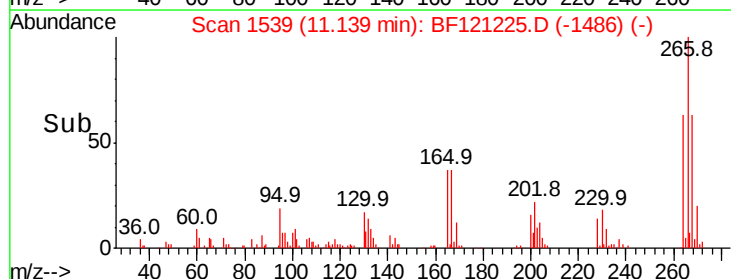
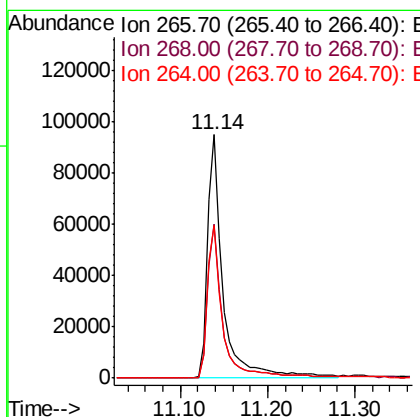
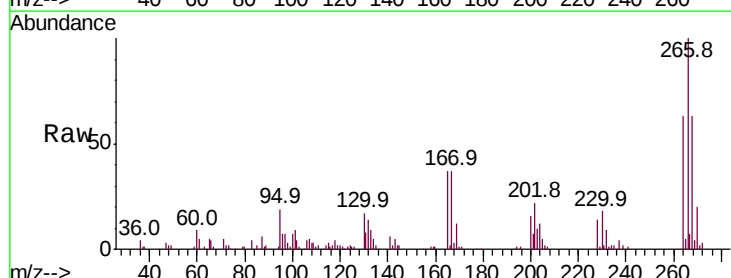
Manual Integrations
APPROVED

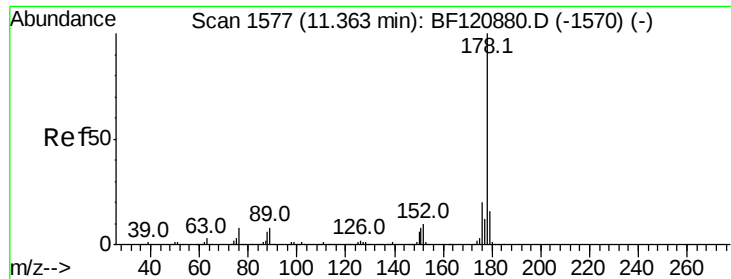
mohammad
8/10/2020 3:44:10 PM



#70
Pentachlorophenol
Concen: 35.563 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.7	74.5
264	62.9	50.4	75.6





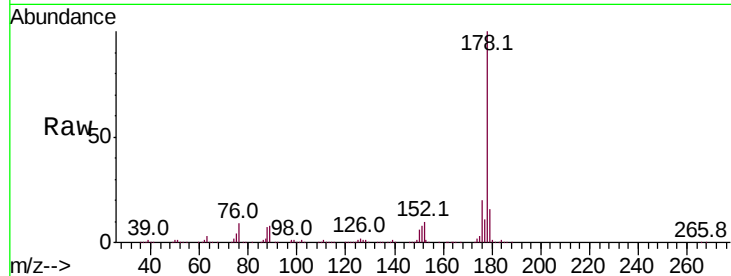
#71
Phenanthrene
Concen: 39.841 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

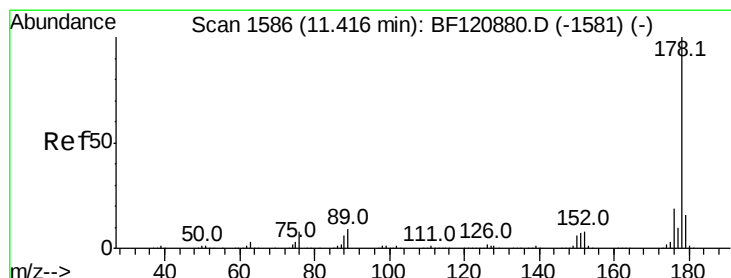
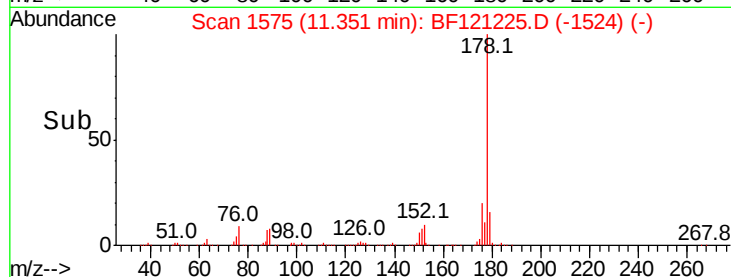
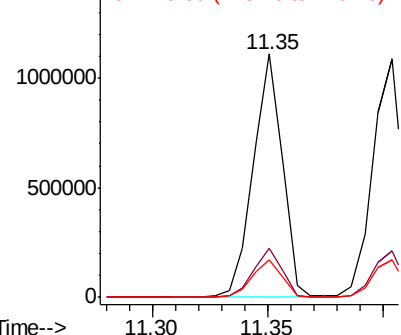
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.2
179	15.6	12.6	19.0

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



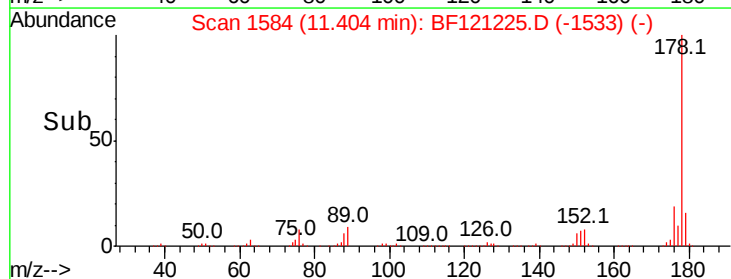
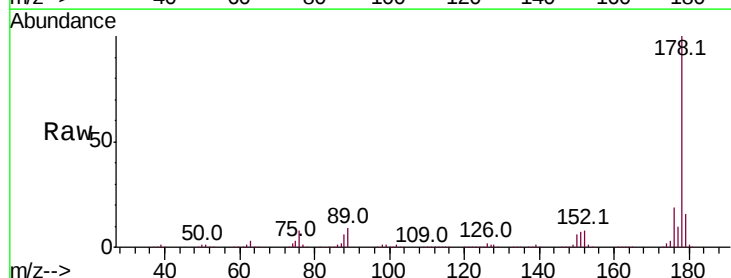
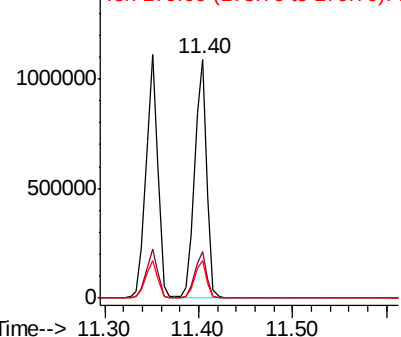
Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

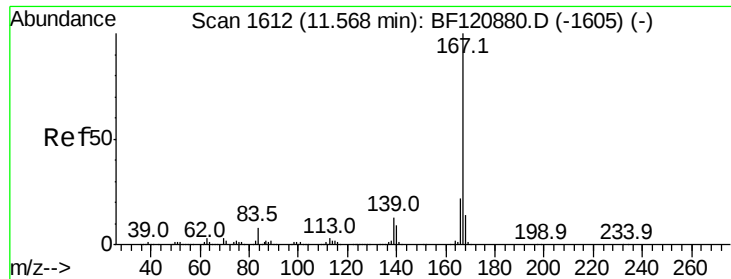


#72
Anthracene
Concen: 40.256 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





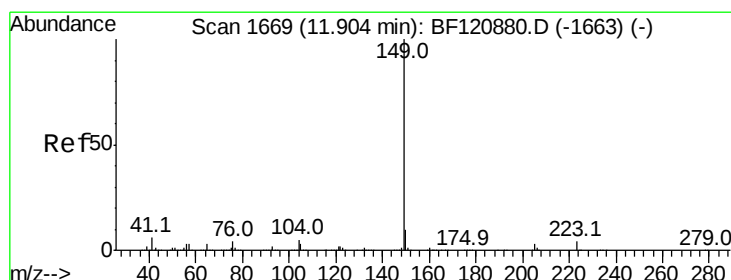
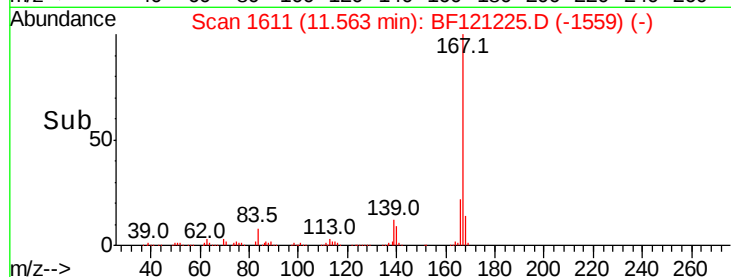
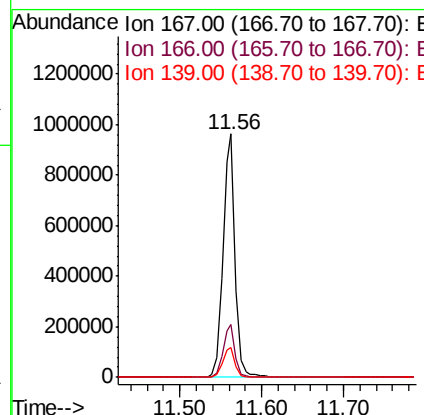
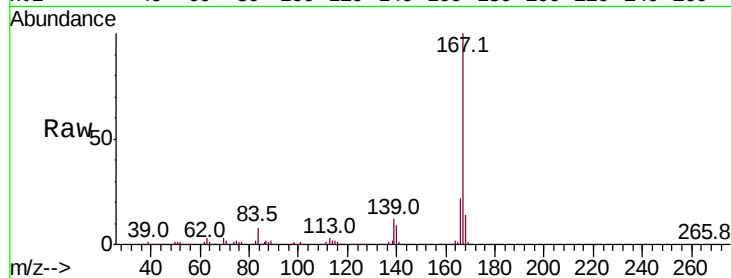
#73
 Carbazole
 Concen: 40.343 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.4	10.5	15.7

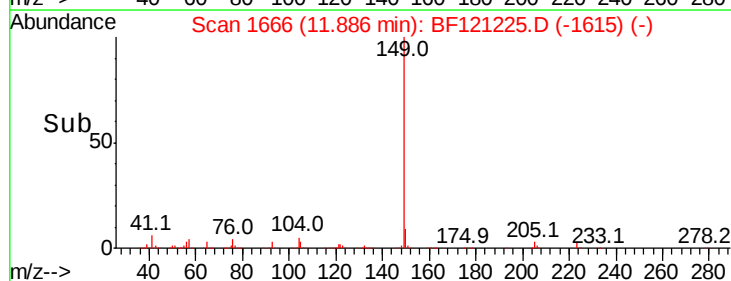
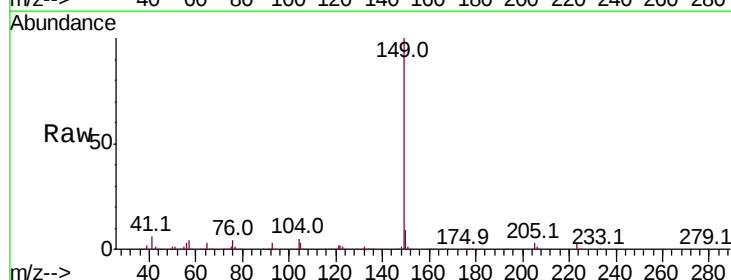
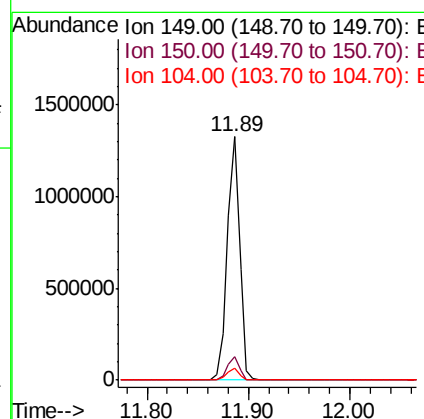
Manual Integrations
 APPROVED

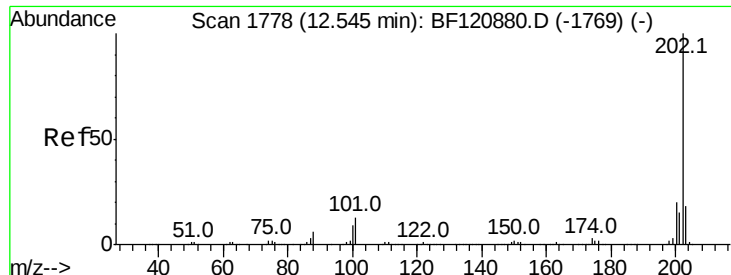
mohammad
 8/10/2020 3:44:10 PM



#74
 Di-n-butylphthalate
 Concen: 39.941 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.7	3.9	5.9





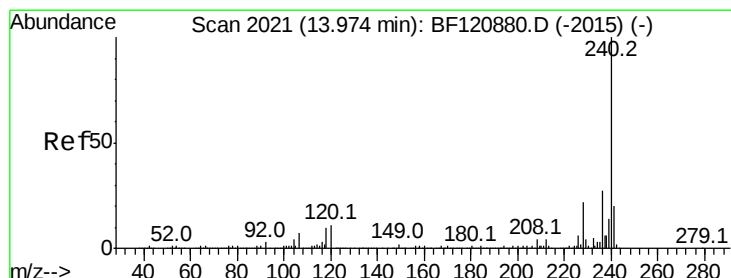
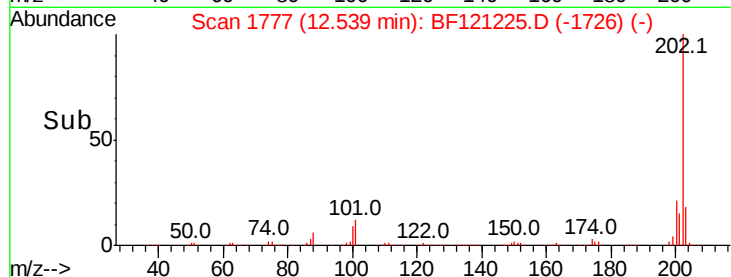
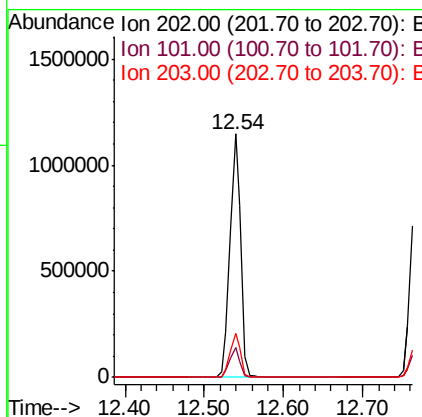
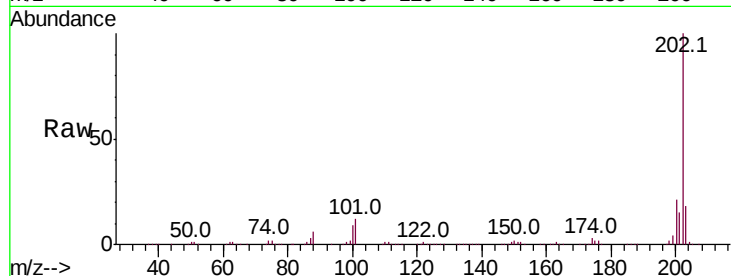
#75
 Fluoranthene
 Concen: 39.700 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.5
203	17.9	0.0	37.7

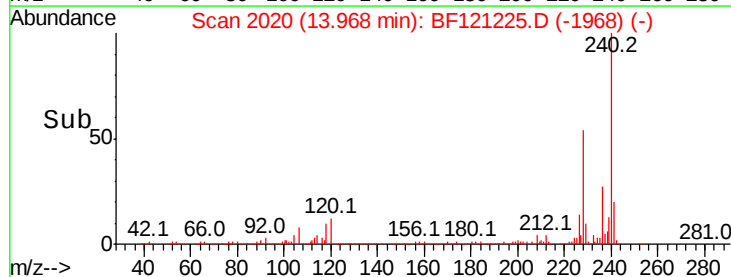
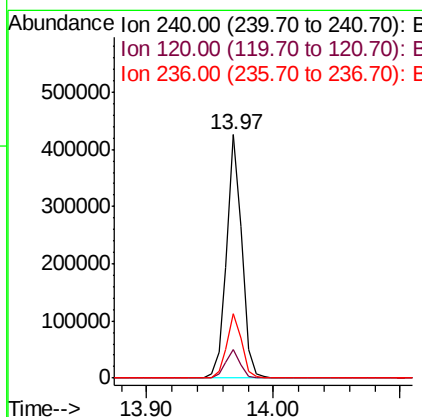
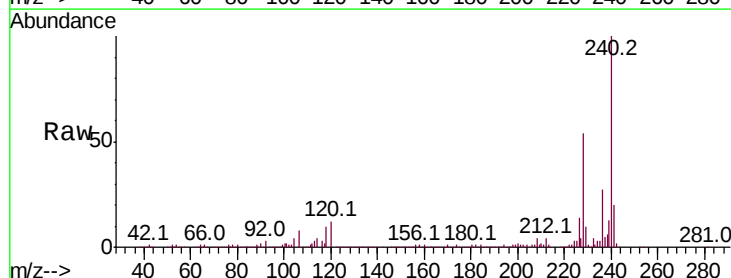
Manual Integrations
 APPROVED

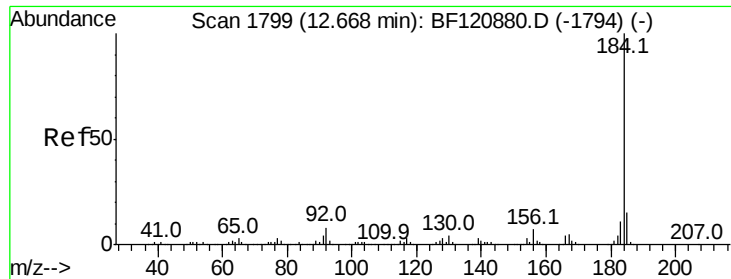
mohammad
 8/10/2020 3:44:10 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.3	13.9
236	26.5	21.1	31.7





#77

Benzidine

Concen: 33.193 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

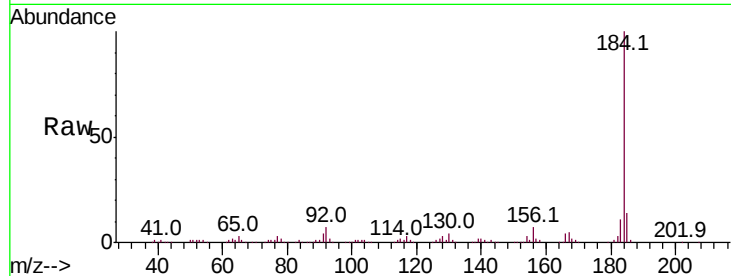
ClientSampleId :

SSTDCCC040

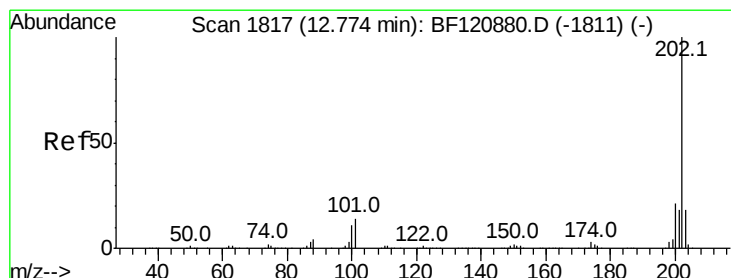
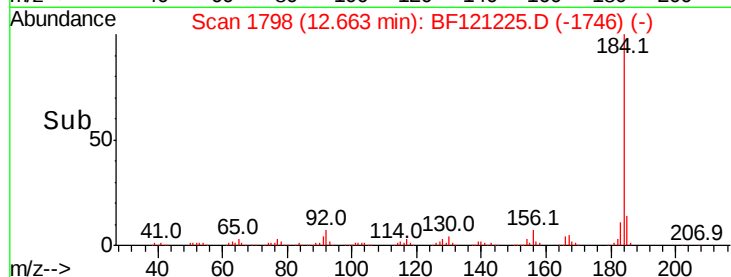
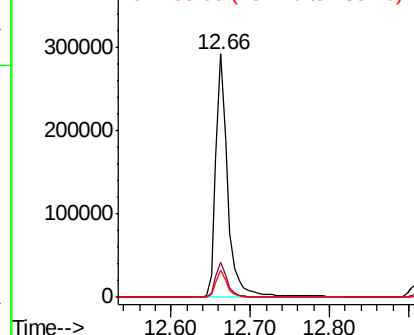
Tot Ion:	184	Resp:	308323
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.1	18.1
183	11.0	9.0	13.4

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 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: 44.005 ng

RT: 12.77 min Scan# 1816

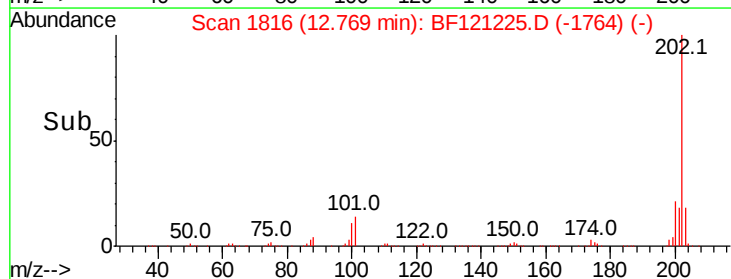
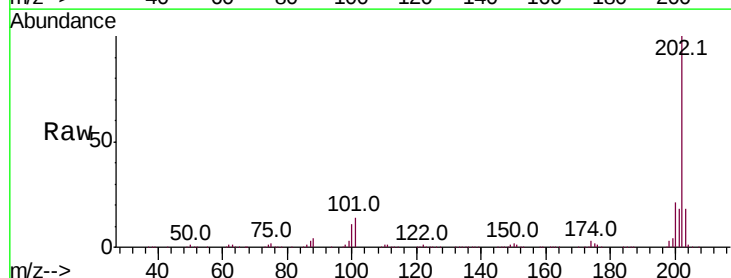
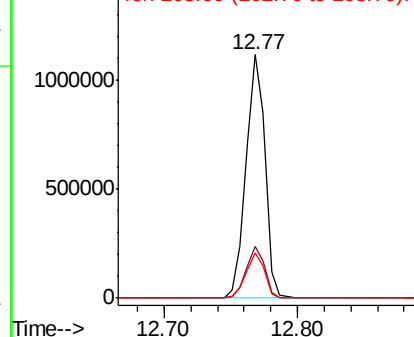
Delta R.T. 0.01 min

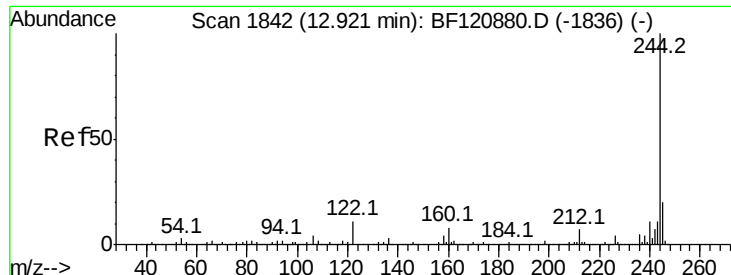
Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:	202	Resp:	1099165
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	18.4	14.6	21.8

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





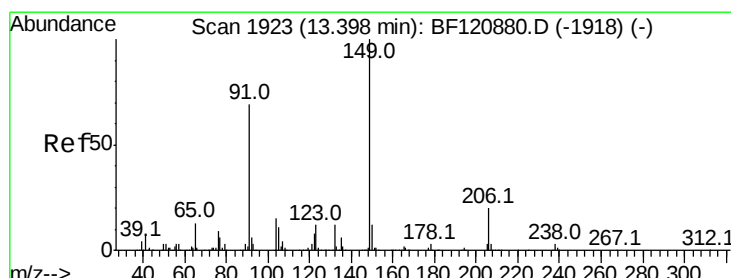
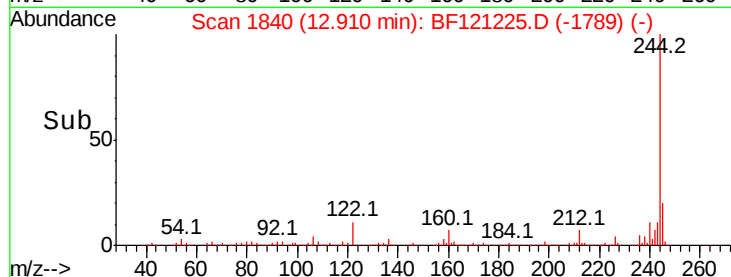
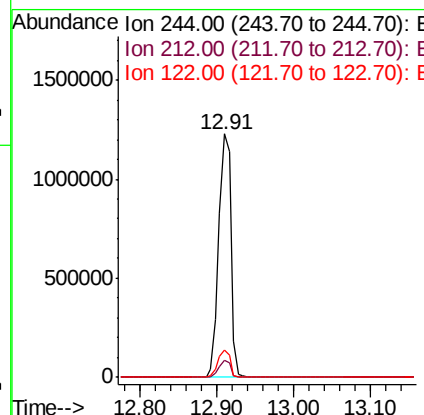
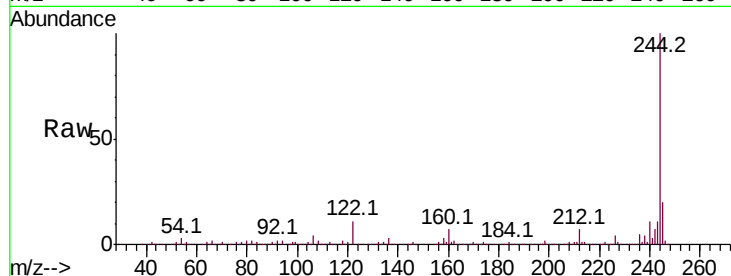
#79
 Terphenyl-d14
 Concen: 81.653 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1327072
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.2 8.3 12.5

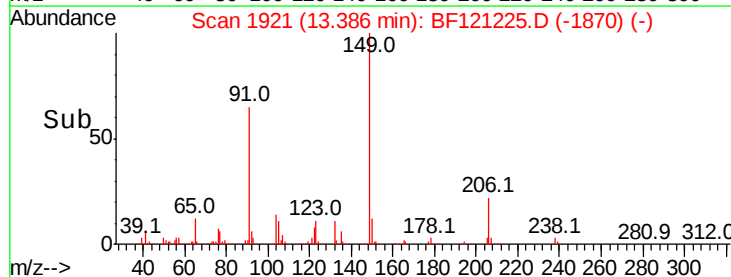
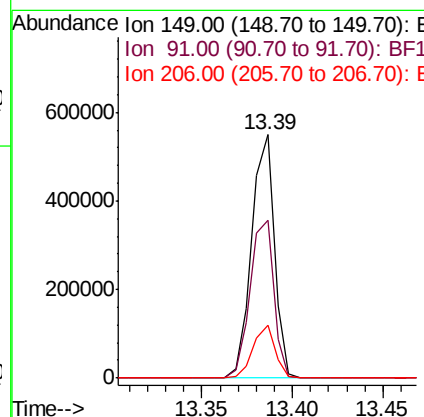
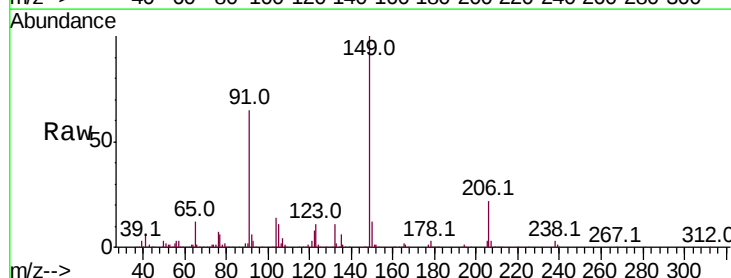
Manual Integrations
 APPROVED

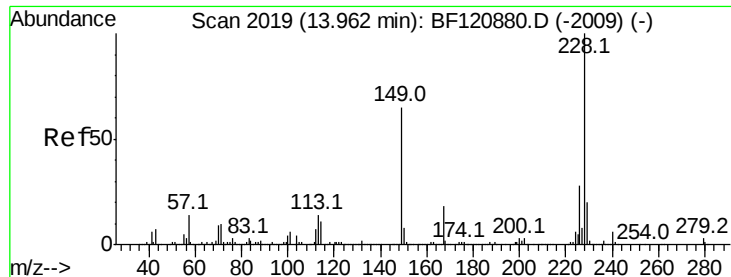
mohammad
 8/10/2020 3:44:10 PM



#80
 Butylbenzylphthalate
 Concen: 43.226 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion:149 Resp: 481315
 Ion Ratio Lower Upper
 149 100
 91 64.6 51.4 77.0
 206 21.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 43.656 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Instrument :

BNA_F

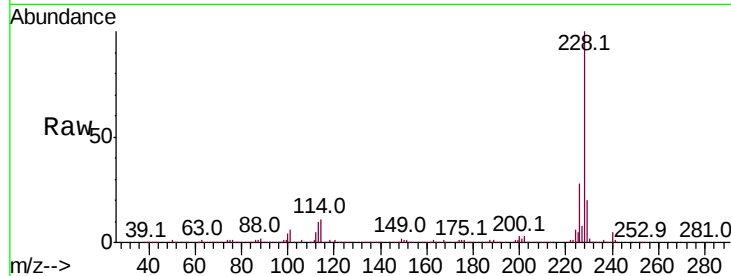
ClientSampleId :

SSTDCCC040

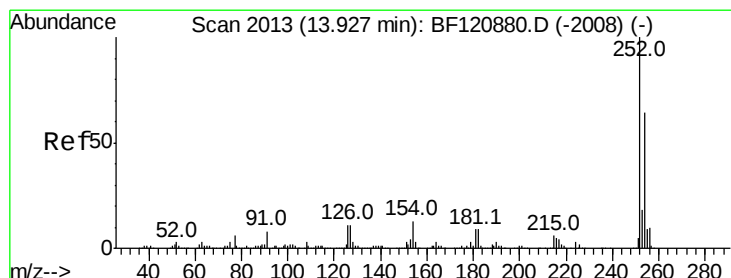
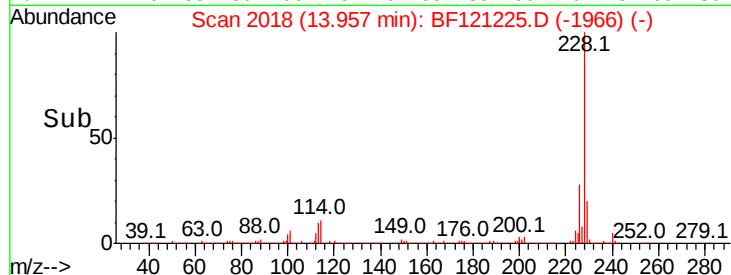
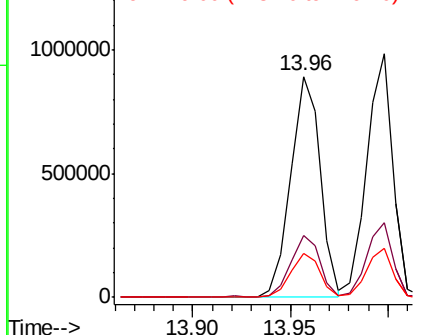
Tot Ion:	228	Resp:	933962
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	34.0
229	20.1	16.1	24.1

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.858 ng

RT: 13.92 min Scan# 2012

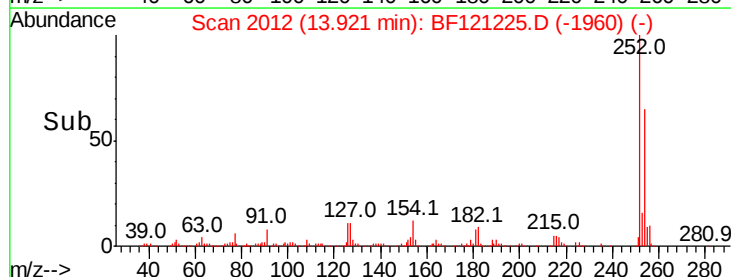
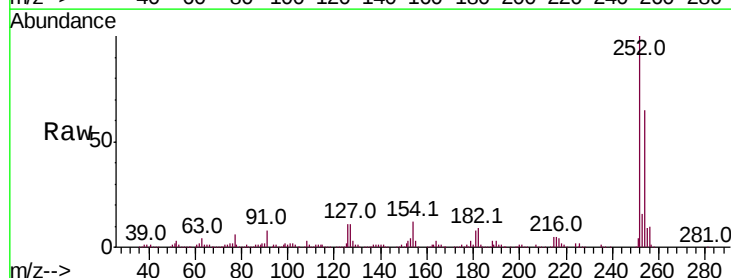
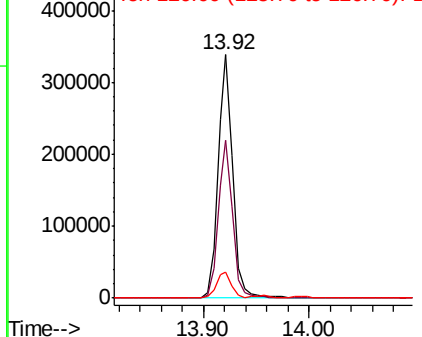
Delta R.T. 0.01 min

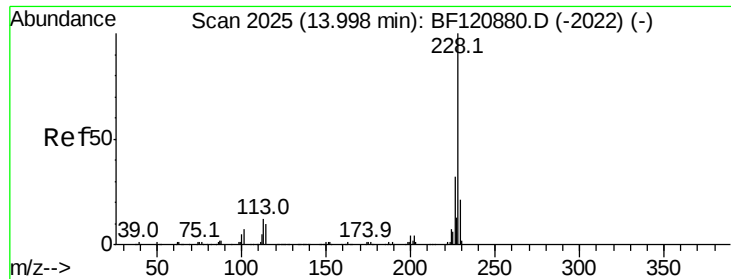
Lab File: BF121225.D

Acq: 7 Aug 2020 10:33

Tgt Ion:	252	Resp:	329776
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.3	76.9
126	10.8	9.2	13.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





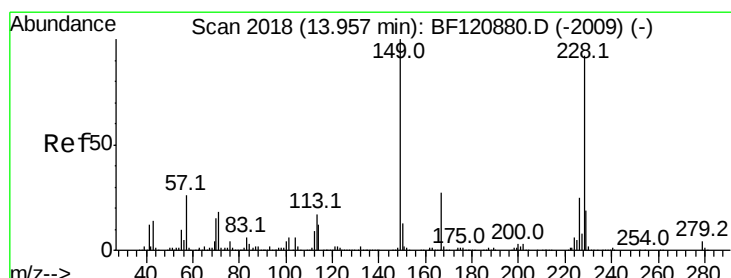
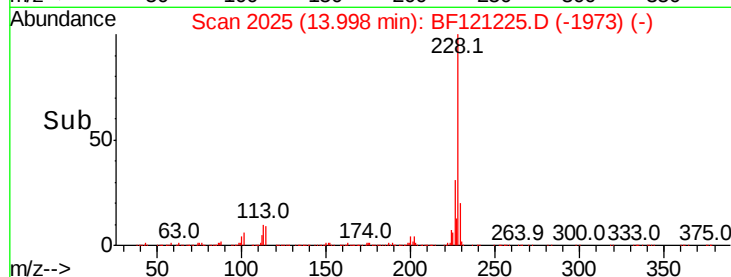
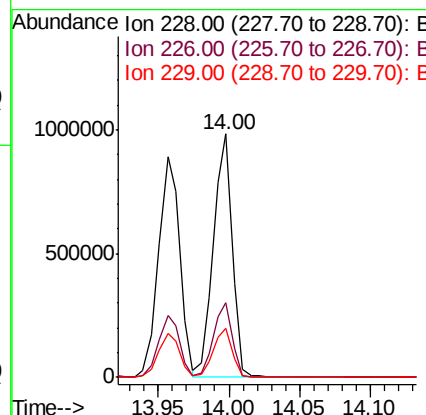
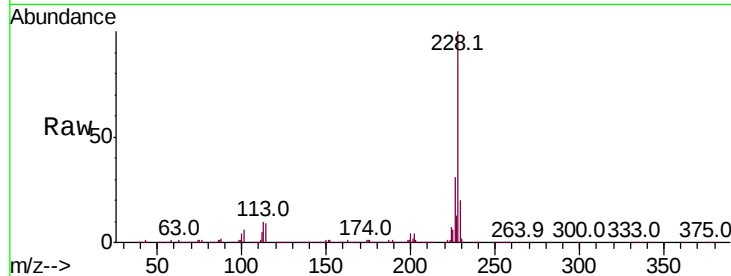
#83
Chrysene
Concen: 40.681 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.1	16.2	24.4

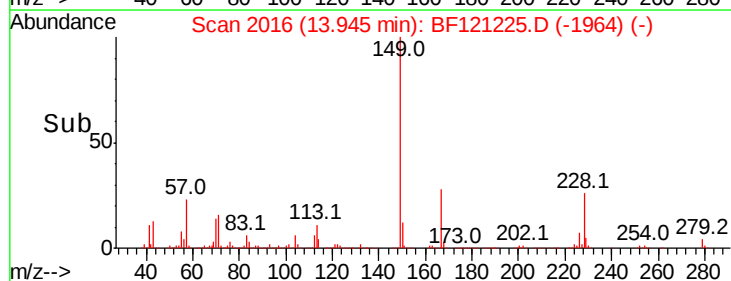
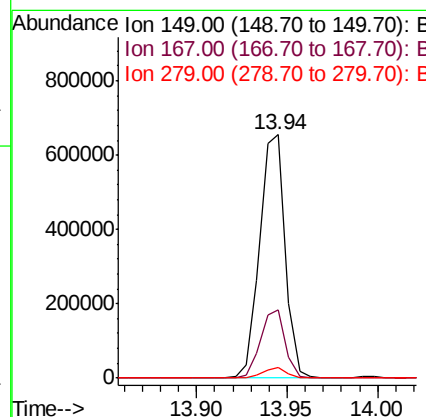
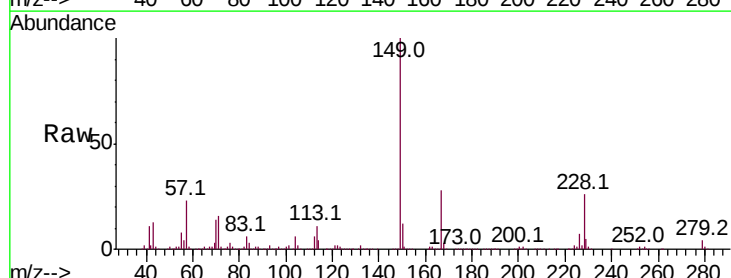
Manual Integrations
APPROVED

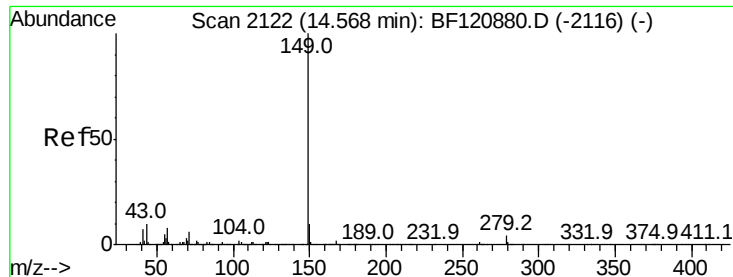
mohammad
8/10/2020 3:44:10 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.839 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.6
279	4.4	2.9	4.3#





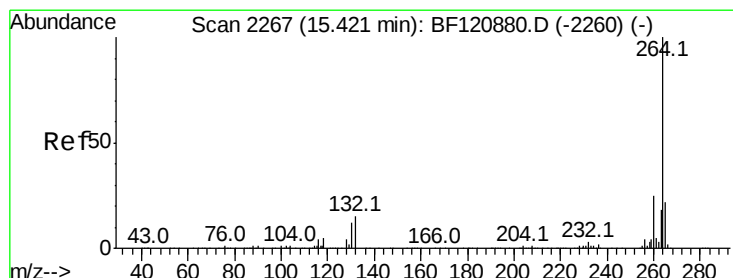
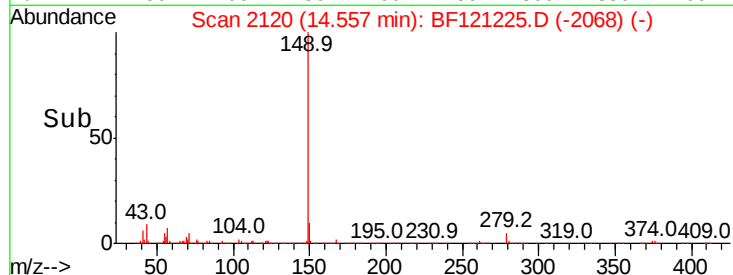
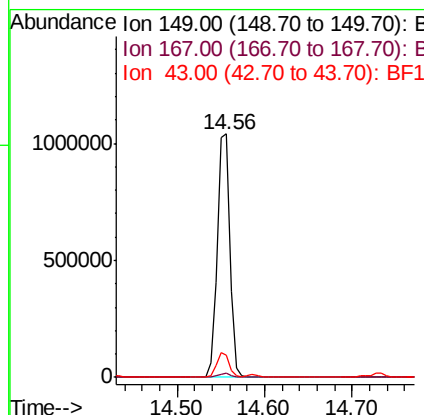
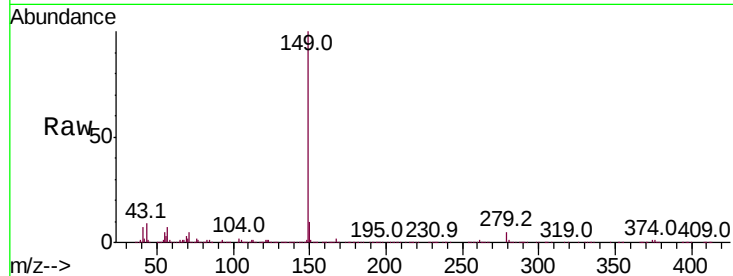
#85
Di-n-octyl phthalate
Concen: 38.389 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.5	11.3

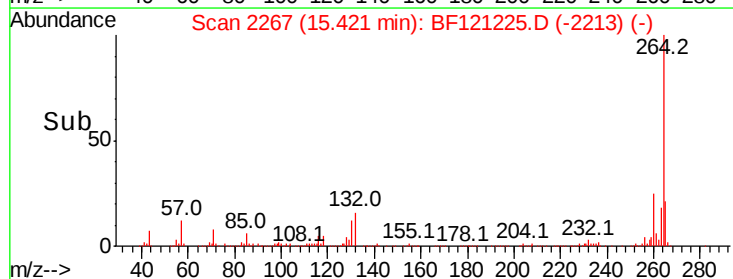
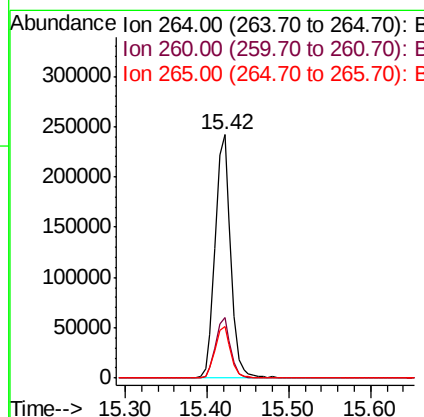
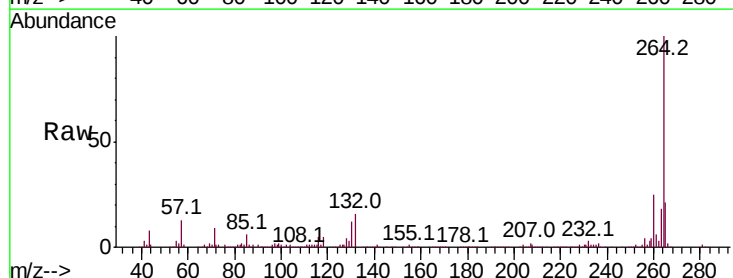
Manual Integrations
APPROVED

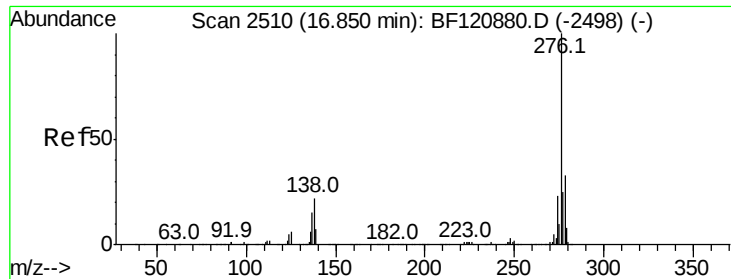
mohammad
8/10/2020 3:44:10 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	21.4	17.8	26.8





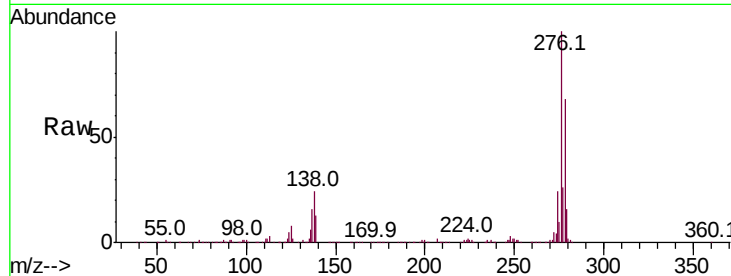
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.249 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.03 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

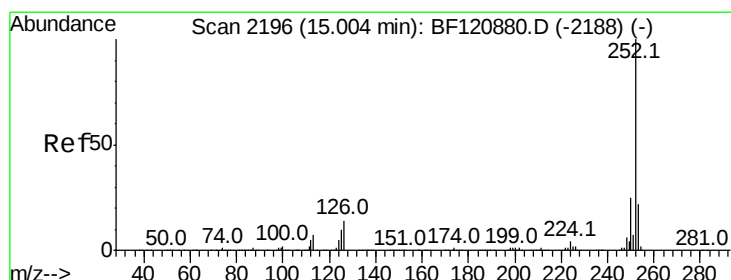
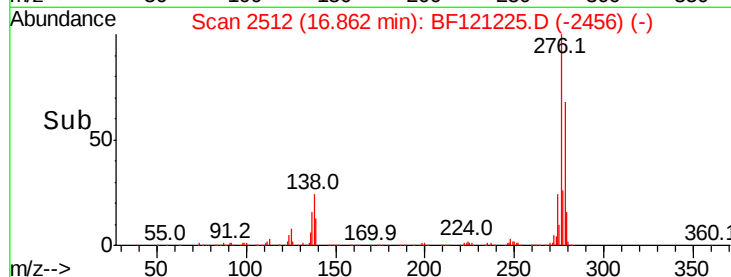
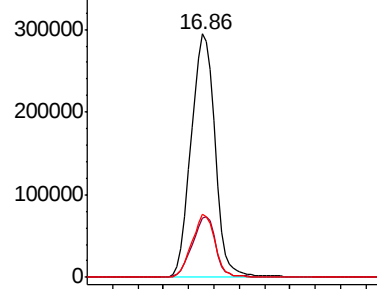
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.3	28.9
277	25.2	20.1	30.1

Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:44:10 PM



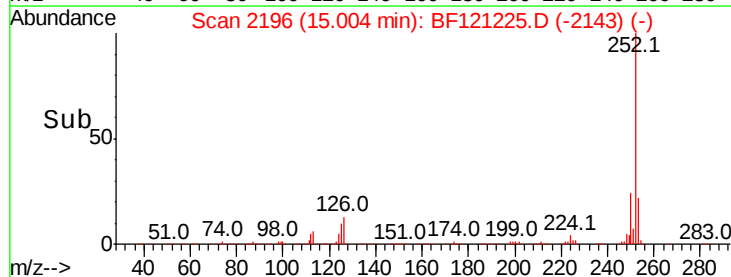
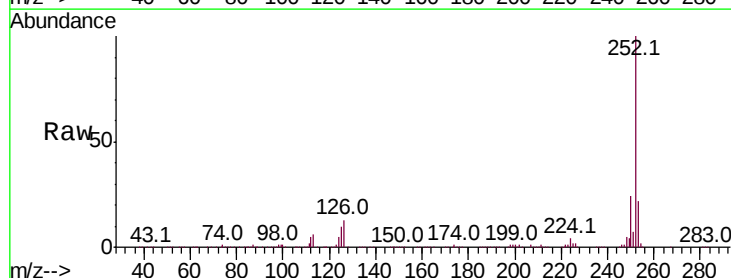
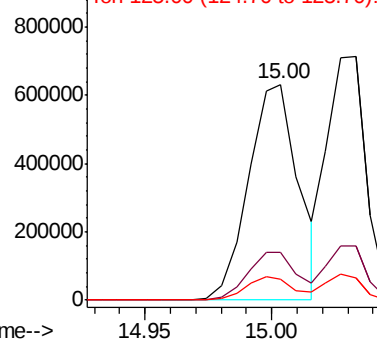
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

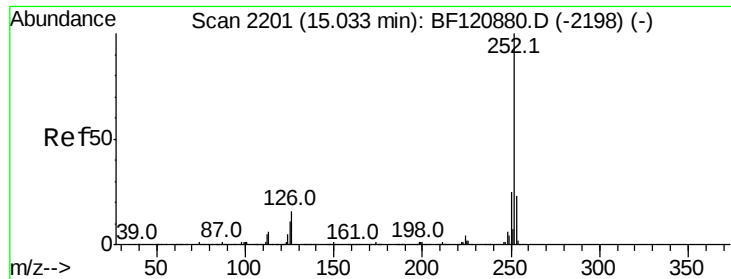


#88
 Benzo(b)fluoranthene
 Concen: 44.722 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BF121225.D
 Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.6	8.1	12.1

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





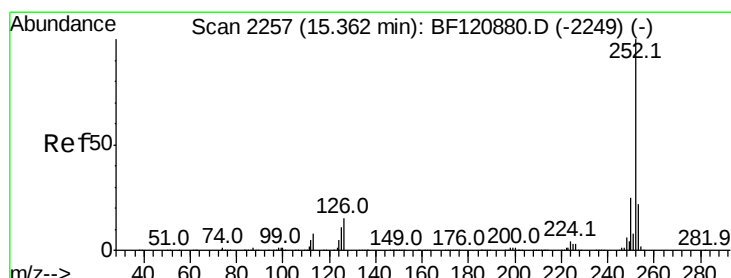
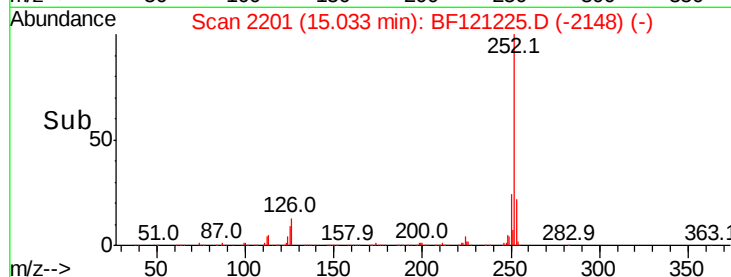
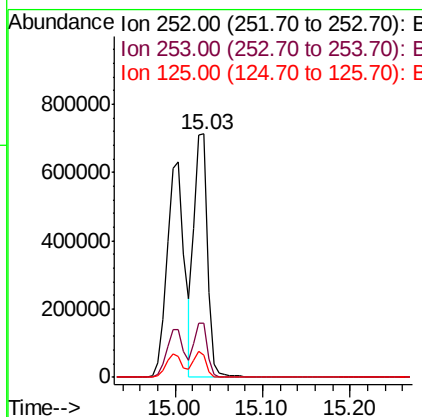
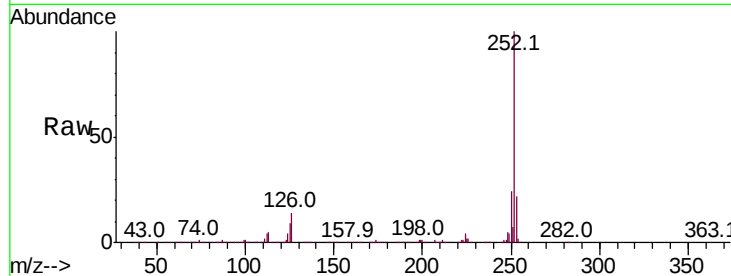
#89
Benzo(k)fluoranthene
Concen: 43.853 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	774514		
253	22.1	18.1	27.1	
125	9.2	8.0	12.0	

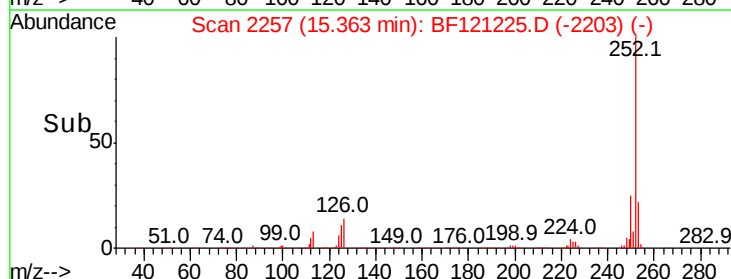
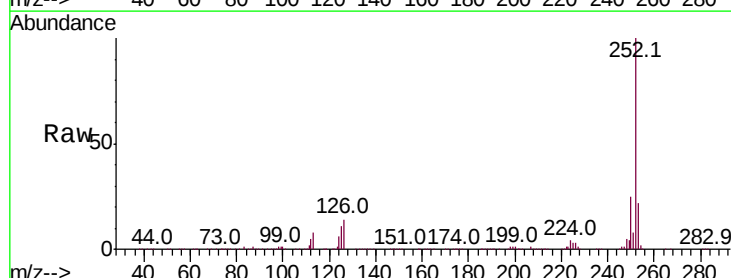
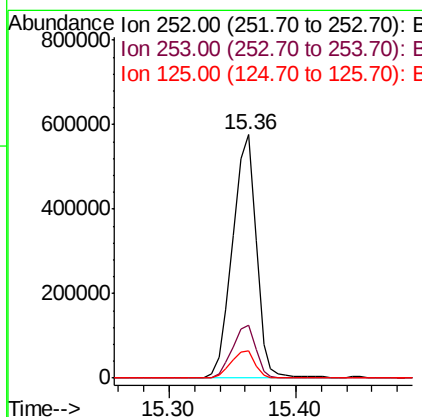
Manual Integrations
APPROVED

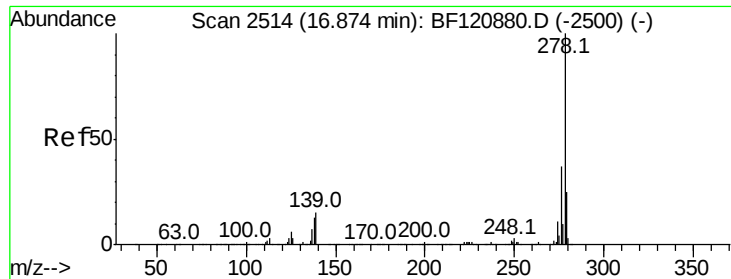
mohammad
8/10/2020 3:44:10 PM



#90
Benzo(a)pyrene
Concen: 42.370 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	748633		
253	21.6	18.0	27.0	
125	11.0	9.5	14.3	





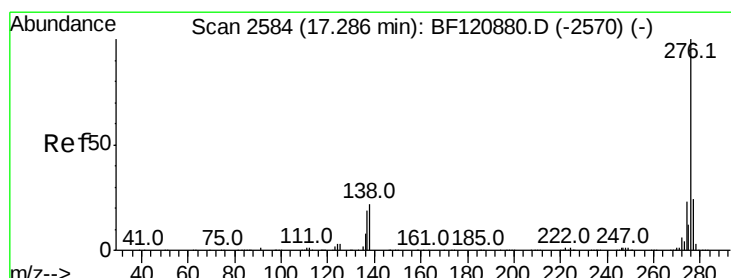
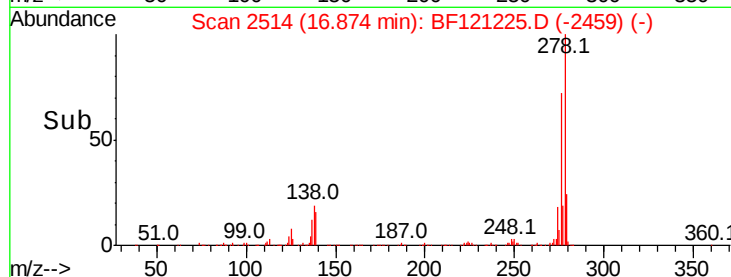
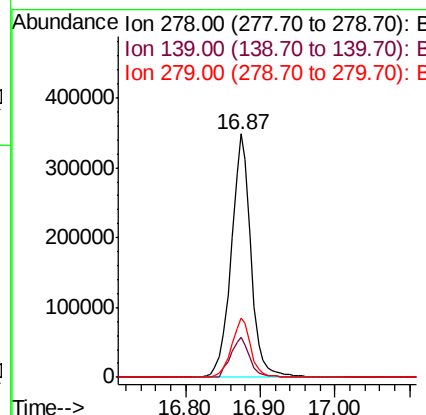
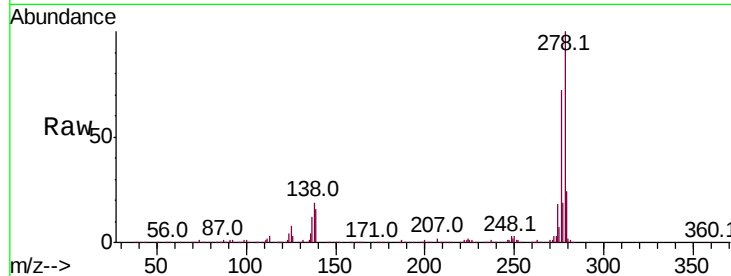
#91
Dibenzo(a,h)anthracene
Concen: 35.245 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.6	18.8
279	24.1	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/10/2020 3:44:10 PM



#92
Benzo(g,h,i)perylene
Concen: 34.889 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121225.D
Acq: 7 Aug 2020 10:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	21.5	17.2	25.8

