

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119984.D
 Acq On : 15 Apr 2020 10:58
 Operator : MA/SJ
 Sample : PB128214BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:30 PM

Quant Time: Apr 15 11:37:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179816	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	701921	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	370932	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	704615	20.00	ng	0.00
76) Chrysene-d12	13.90	240	498988	20.00	ng	0.00
87) Perylene-d12	15.32	264	435413	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1309688	125.87	ng	0.01
7) Phenol-d6	6.37	99	1676210	125.02	ng	0.00
23) Nitrobenzene-d5	7.29	82	1040410	76.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	460755	101.46	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2052888	78.58	ng	0.00
79) Terphenyl-d14	12.84	244	2260953	76.24	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.44	88	180917	39.038	ng	96
3) Pyridine	3.13	79	497697	39.142	ng	97
4) n-Nitrosodimethylamine	3.09	42	267578	41.188	ng	91
6) Aniline	6.39	93	635131	36.093	ng	92
8) 2-Chlorophenol	6.51	128	553459	47.607	ng	99
9) Benzaldehyde	6.27	77	246246	31.035	ng	96
10) Phenol	6.38	94	682391	44.863	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	516253	43.958	ng	99
12) 1,3-Dichlorobenzene	6.67	146	544643	42.792	ng	98
13) 1,4-Dichlorobenzene	6.75	146	552688	42.628	ng	98
14) 1,2-Dichlorobenzene	6.90	146	520987	43.602	ng	98
15) Benzyl Alcohol	6.87	79	441563	42.403	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	913294	39.963	ng	98
17) 2-Methylphenol	6.99	107	436008	42.025	ng	99
18) Hexachloroethane	7.24	117	208694	43.070	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	373968	43.376	ng	96
20) 3+4-Methylphenols	7.14	107	541791	42.698	ng	93
22) Acetophenone	7.14	105	708763	43.121	ng	# 98
24) Nitrobenzene	7.31	77	563894	41.314	ng	99
25) Isophorone	7.56	82	1048116	40.073	ng	99
26) 2-Nitrophenol	7.63	139	296117	43.425	ng	96
27) 2,4-Dimethylphenol	7.67	122	460492	44.776	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	671218	43.612	ng	99
29) 2,4-Dichlorophenol	7.87	162	454128	43.079	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	488430	40.891	ng	100
31) Naphthalene	8.03	128	1556103	42.136	ng	100
32) Benzoic acid	7.80	122	368005	40.744	ng	96
33) 4-Chloroaniline	8.08	127	412549	25.661	ng	98
34) Hexachlorobutadiene	8.15	225	278105	38.895	ng	98
35) Caprolactam	8.46	113	141806m	43.976	ng	
36) 4-Chloro-3-methylphenol	8.57	107	495279	43.396	ng	95
37) 2-Methylnaphthalene	8.73	142	1051087	41.981	ng	98
38) 1-Methylnaphthalene	8.83	142	1007480	42.692	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	464893	39.681	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119984.D
 Acq On : 15 Apr 2020 10:58
 Operator : MA/SJ
 Sample : PB128214BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

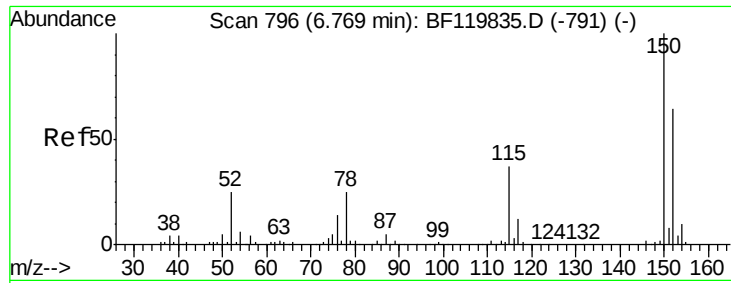
Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:30 PM

Quant Time: Apr 15 11:37:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	578208	86.793	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	339288	41.938	nq	100
44) 2,4,5-Trichlorophenol	9.05	196	358075	39.297	nq	98
46) 1,1'-Biphenyl	9.19	154	1290756	41.227	nq	99
47) 2-Chloronaphthalene	9.22	162	1002651	41.572	nq	99
48) 2-Nitroaniline	9.32	65	349691	40.009	nq	93
49) Acenaphthylene	9.63	152	1552100	42.315	nq	99
50) Dimethylphthalate	9.50	163	1180455	41.144	nq	100
51) 2,6-Dinitrotoluene	9.56	165	264541	42.105	nq	95
52) Acenaphthene	9.80	154	940066	38.420	nq	99
53) 3-Nitroaniline	9.73	138	187236	26.093	nq	92
54) 2,4-Dinitrophenol	9.83	184	312779	83.152	nq	# 91
55) Dibenzofuran	9.97	168	1421103	42.325	nq	99
56) 4-Nitrophenol	9.90	139	432890	81.080	nq	95
57) 2,4-Dinitrotoluene	9.96	165	344574	41.627	nq	96
58) Fluorene	10.32	166	1086531	40.463	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	304633	43.713	nq	98
60) Diethylphthalate	10.20	149	1221344	41.072	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	523512	38.038	nq	95
62) 4-Nitroaniline	10.35	138	279526	40.876	nq	97
63) Azobenzene	10.47	77	1148234	43.087	nq	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	203406	43.818	nq	97
66) n-Nitrosodiphenylamine	10.43	169	995701	42.490	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	331712	37.855	nq	95
68) Hexachlorobenzene	10.87	284	355352	39.975	nq	97
69) Atrazine	10.96	200	308791	47.361	nq	98
70) Pentachlorophenol	11.06	266	391352	76.395	nq	99
71) Phenanthrene	11.28	178	1588818	42.368	nq	97
72) Anthracene	11.33	178	1616644	42.200	nq	100
73) Carbazole	11.49	167	1495944	41.293	nq	99
74) Di-n-butylphthalate	11.82	149	1931963	40.566	nq	99
75) Fluoranthene	12.47	202	1712884	42.333	nq	98
77) Benzidine	12.59	184	895263	53.077	nq	96
78) Pyrene	12.70	202	1729111	41.105	nq	99
80) Butylbenzylphthalate	13.32	149	797042	39.048	nq	99
81) Benzo(a)anthracene	13.89	228	1364543	41.568	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	338099	27.604	nq	98
83) Chrysene	13.92	228	1410887	42.299	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1046363	37.855	nq	98
85) Di-n-octyl phthalate	14.50	149	1828795	38.857	nq	97
86) Indeno(1,2,3-cd)pyrene	16.70	276	1126918	38.328	nq	97
88) Benzo(b)fluoranthene	14.91	252	1362280	43.492	nq	# 98
89) Benzo(k)fluoranthene	14.94	252	1129985m	41.812	nq	# 97
90) Benzo(a)pyrene	15.26	252	1107872	42.067	nq	# 97
91) Dibenzo(a,h)anthracene	16.72	278	946542	40.575	nq	98
92) Benzo(g,h,i)perylene	17.12	276	904433	39.277	nq	98

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



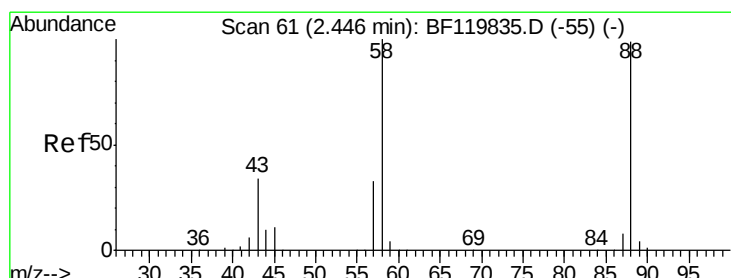
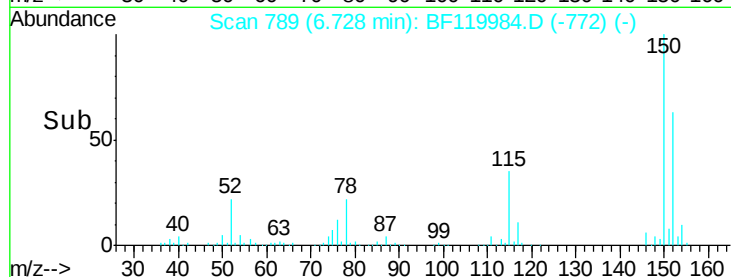
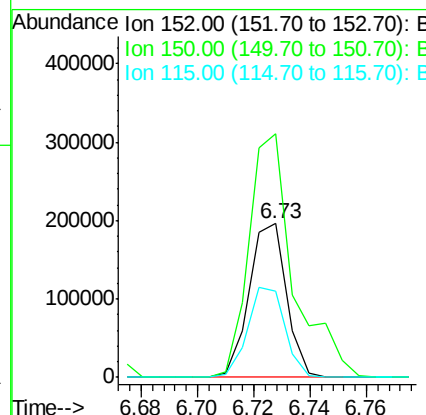
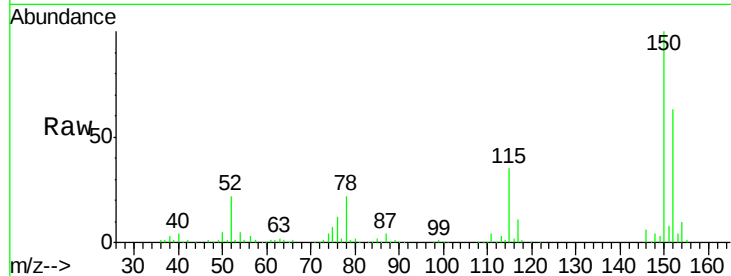
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.8	187.2
115	55.8	46.5	69.7

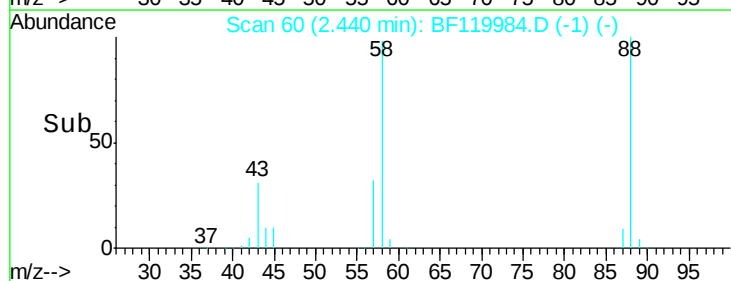
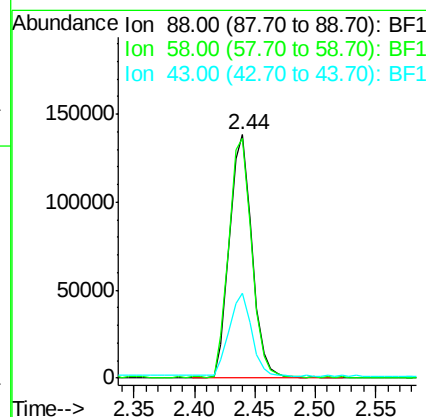
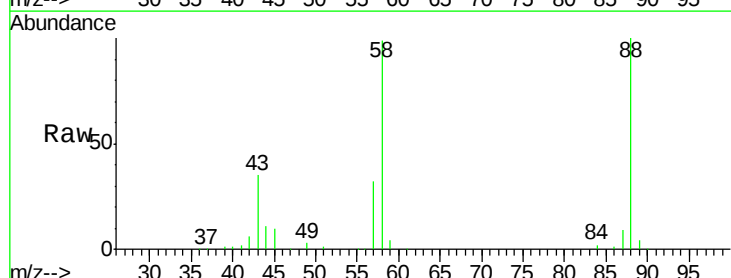
Manual Integrations
 APPROVED

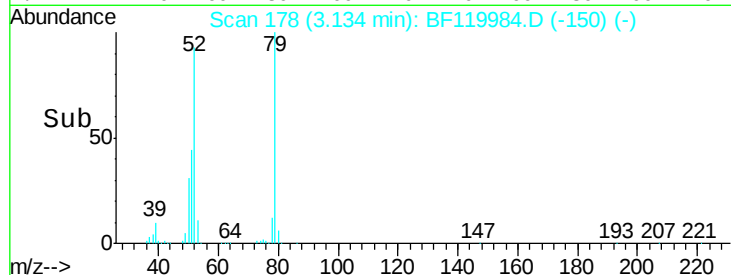
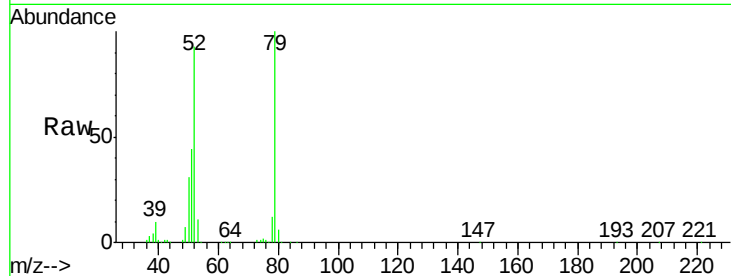
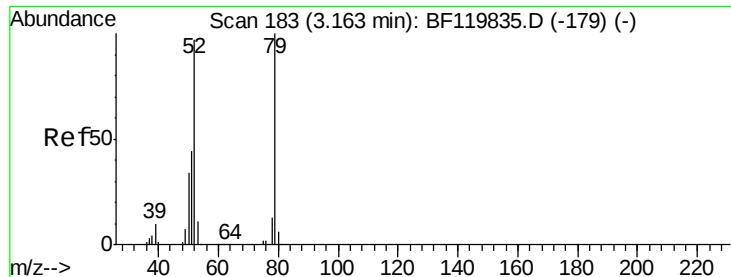
mohammad
 4/16/2020 12:52:30 PM



#2
 1,4-Dioxane
 Concen: 39.038 ng
 RT: 2.44 min Scan# 60
 Delta R.T. 0.06 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	82.6	123.8
43	33.5	28.6	42.8





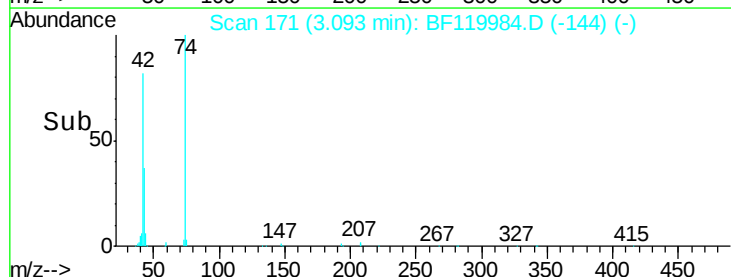
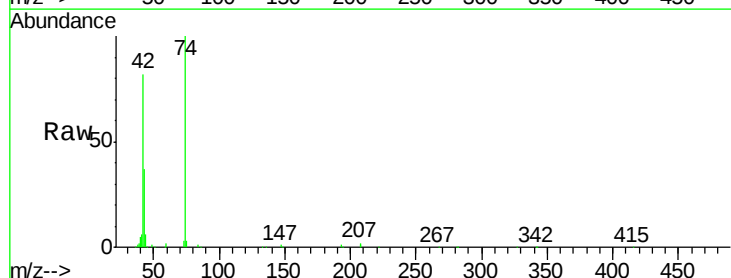
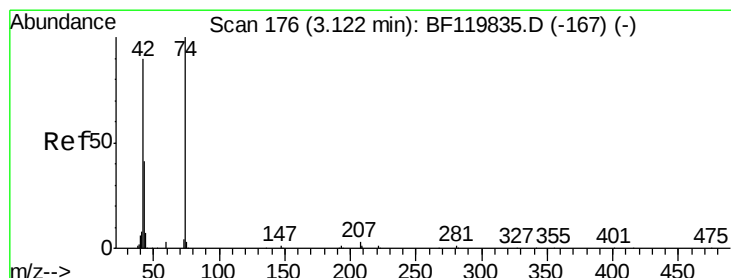
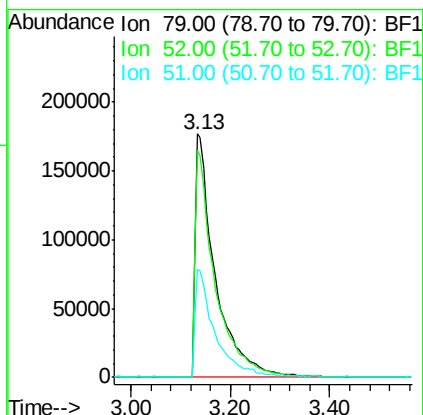
#3
 Pvridine
 Concen: 39.142 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.06 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	497697		
52	52	93.1		77.4	116.0
51	51	44.4		35.3	52.9

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

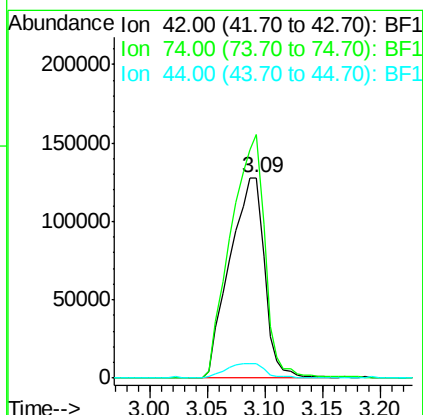
Manual Integrations
 APPROVED

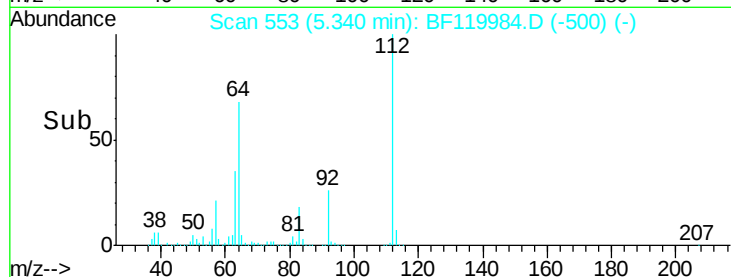
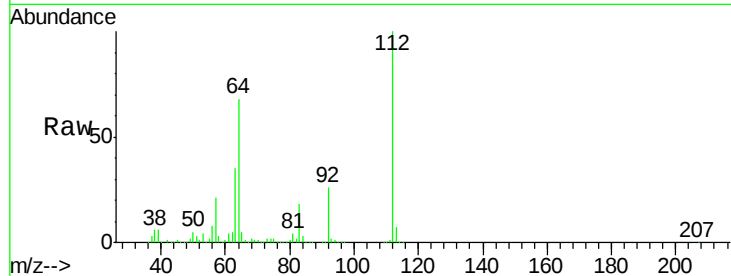
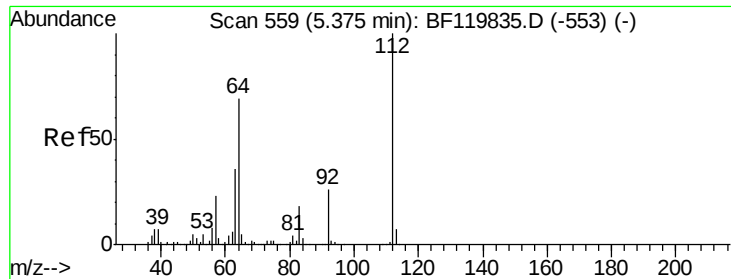
mohammad
 4/16/2020 12:52:30 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.188 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.06 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	267578		
74	74	121.6		89.0	133.4
44	44	7.5		6.2	9.4





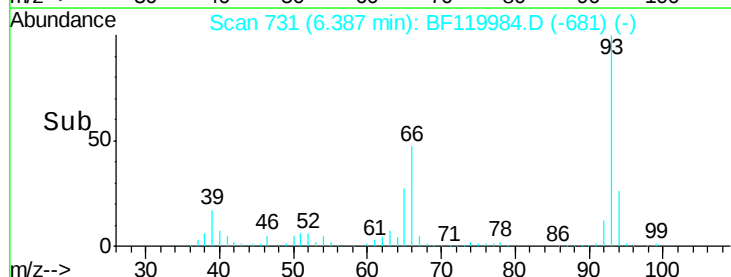
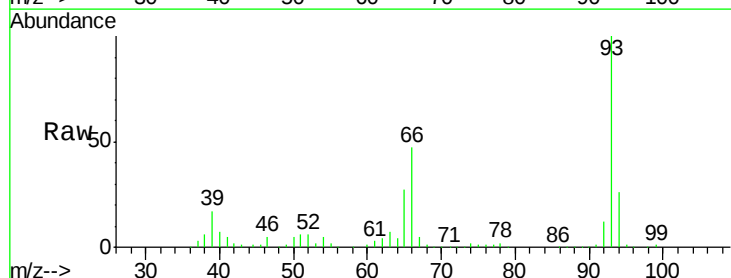
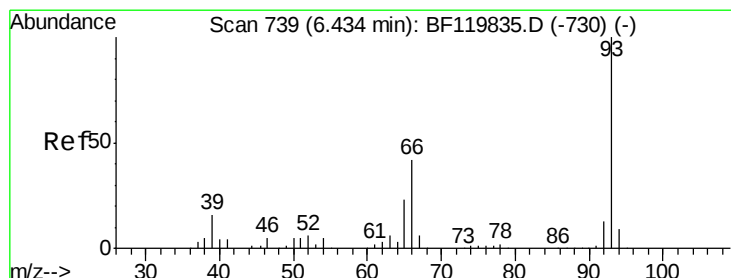
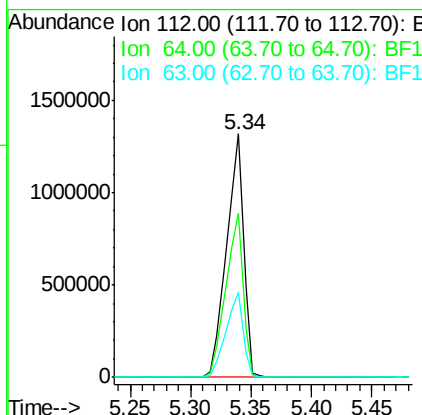
#5
2-Fluorophenol
Concen: 125.872 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1309688		
64	67.7		55.5	83.3
63	34.9		29.1	43.7

Instrument :
BNA_F
ClientSampleId :
PB128214BS

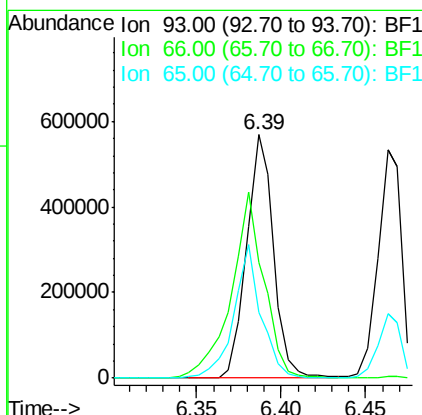
Manual Integrations
APPROVED

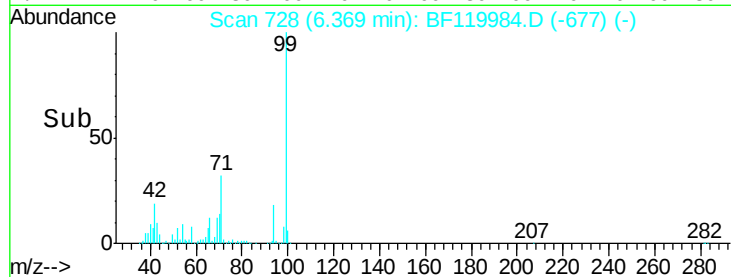
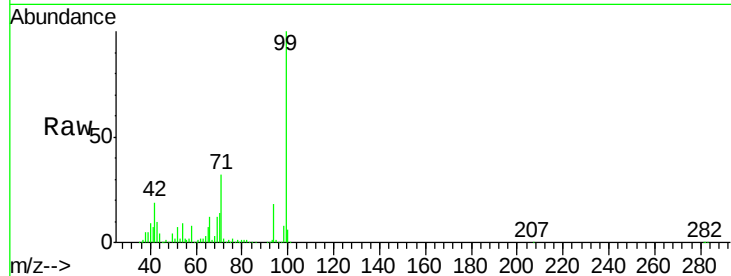
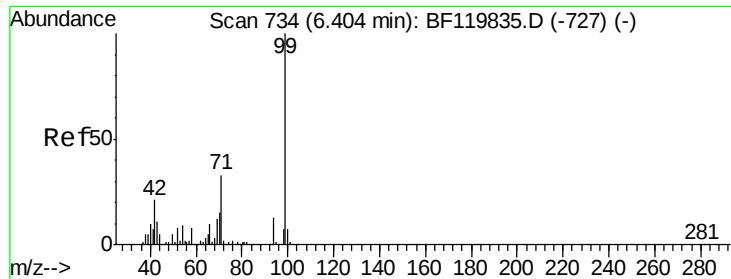
mohammad
4/16/2020 12:52:30 PM



#6
Aniline
Concen: 36.093 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	635131		
66	47.3		34.2	51.2
65	26.9		18.3	27.5





#7

Phenol-d6

Concen: 125.023 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tot Ion:	99	Resp:	1676210
Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.9	25.3
71	31.8	26.3	39.5

Instrument :

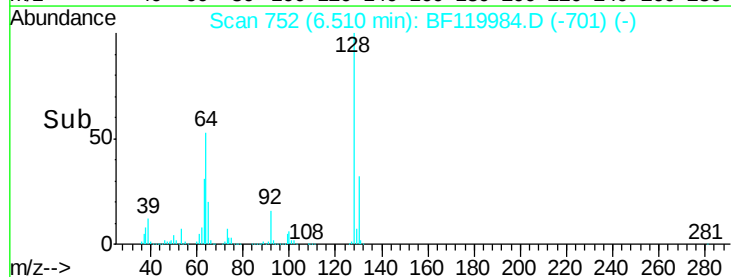
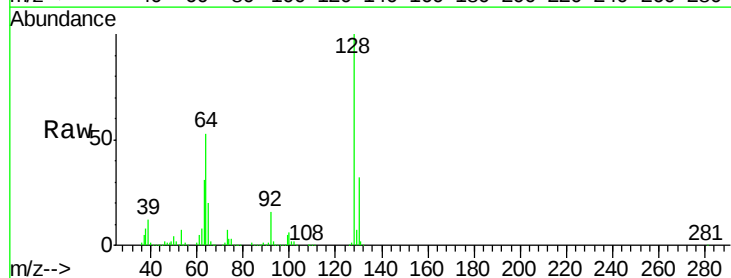
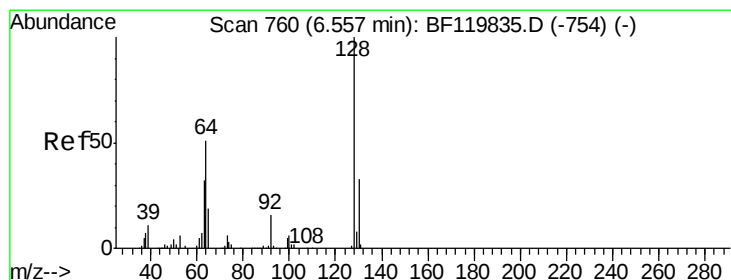
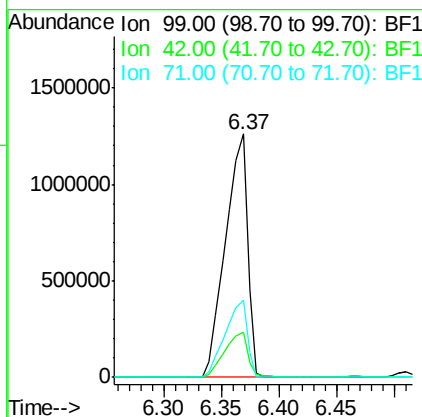
BNA_F

ClientSampleId :

PB128214BS

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



#8

2-Chlorophenol

Concen: 47.607 ng

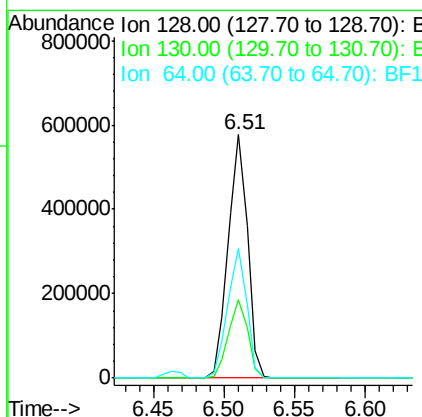
RT: 6.51 min Scan# 752

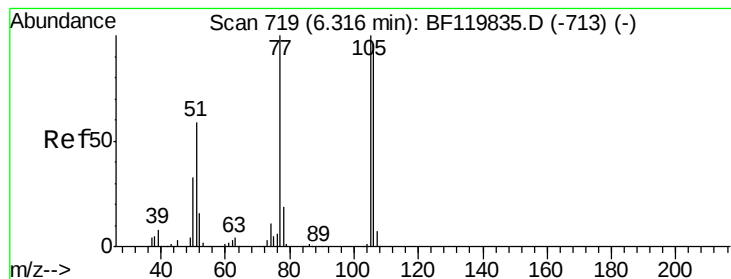
Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion:	128	Resp:	553459
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	53.2	32.0	72.0





#9

Benzaldehyde

Concen: 31.035 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF119984.D

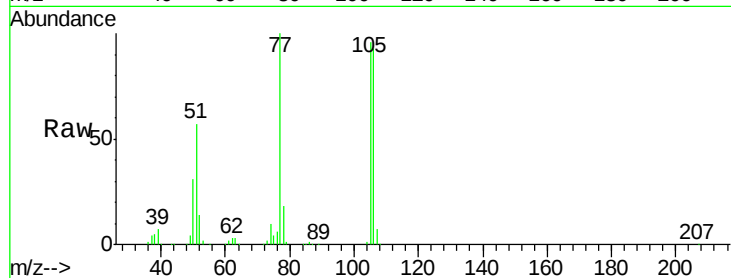
Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

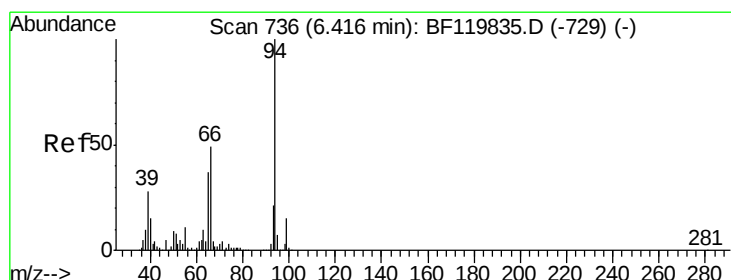
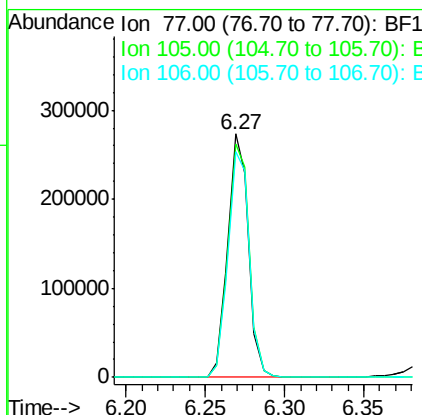
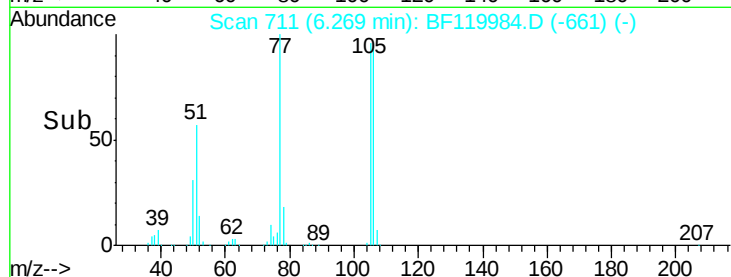
PB128214BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	95.7		79.9	119.9	
106	92.9		76.4	116.4	

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



#10

Phenol

Concen: 44.863 ng

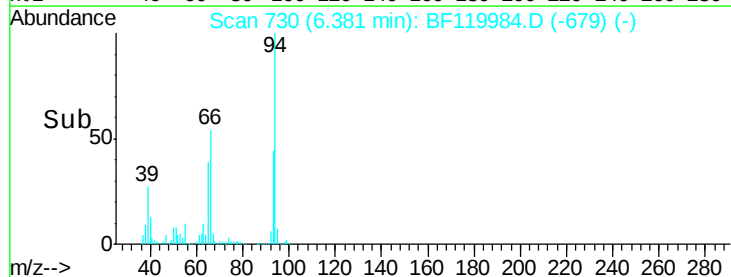
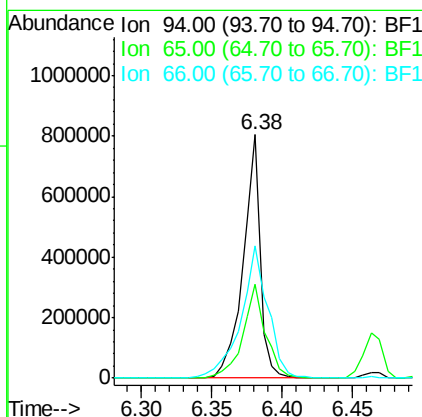
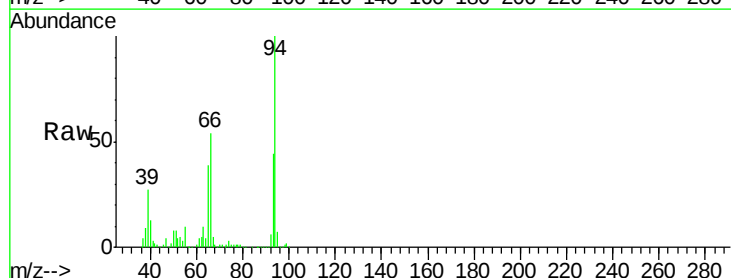
RT: 6.38 min Scan# 730

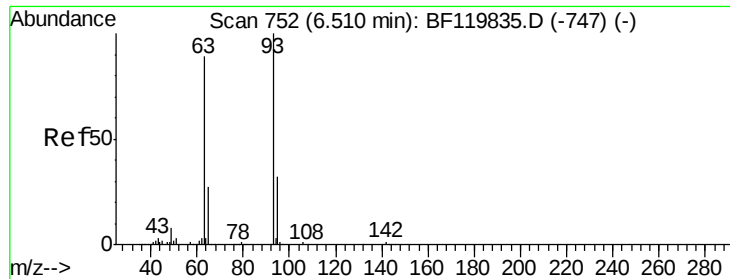
Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	38.6		16.6	56.6	
66	54.2		29.3	69.3	





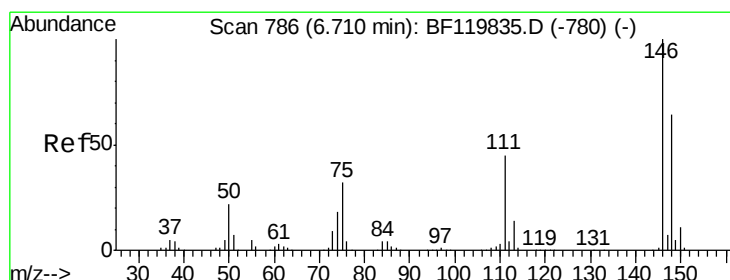
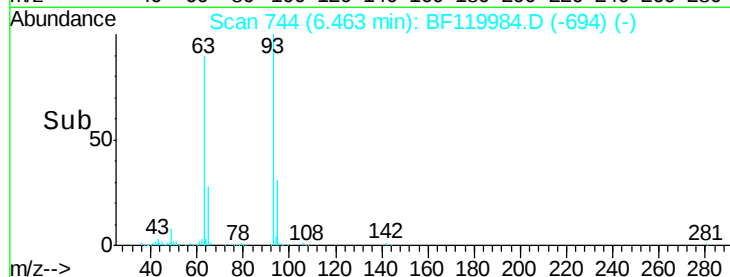
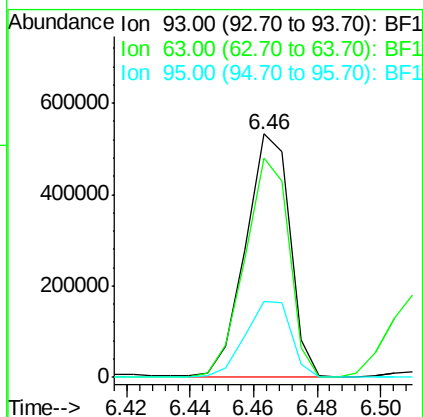
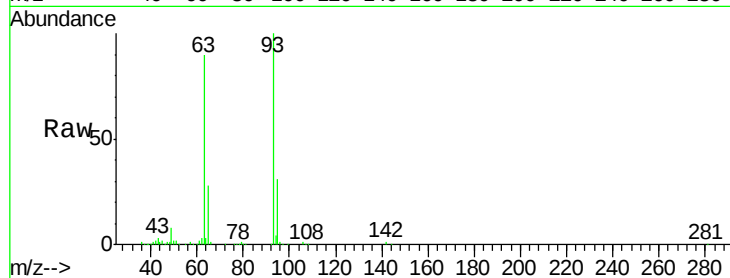
#11
bis(2-Chloroethyl)ether
Concen: 43.958 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:	93	Resp:	516253
Ion	Ratio	Lower	Upper
93	100		
63	90.3	69.1	109.1
95	31.4	12.3	52.3

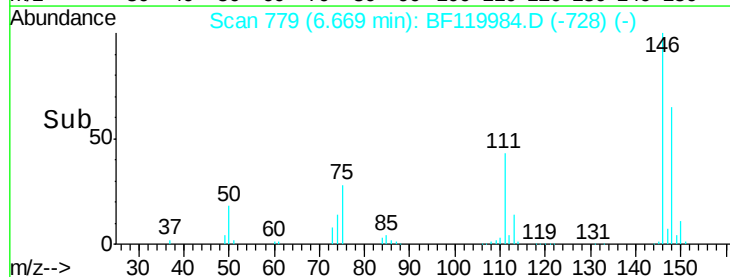
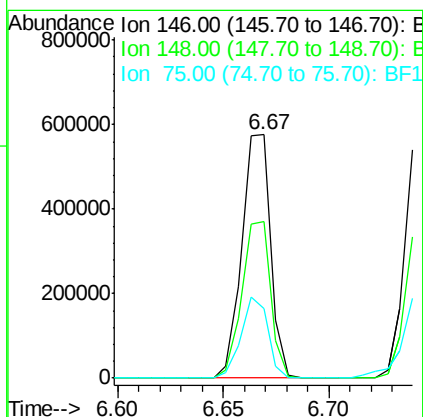
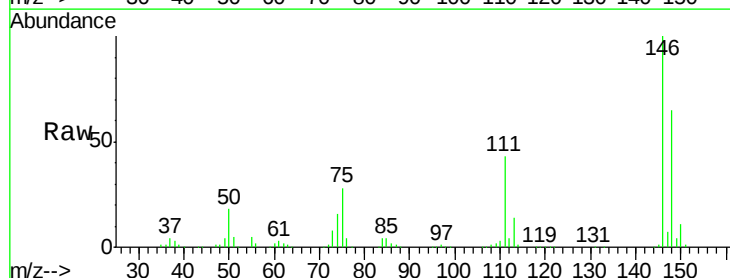
Manual Integrations
APPROVED

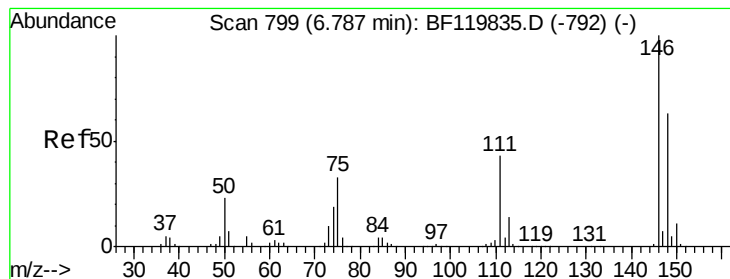
mohammad
4/16/2020 12:52:30 PM



#12
1,3-Dichlorobenzene
Concen: 42.792 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:	146	Resp:	544643
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	28.3	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 42.628 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

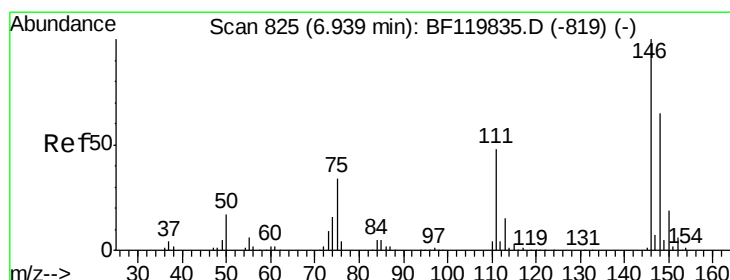
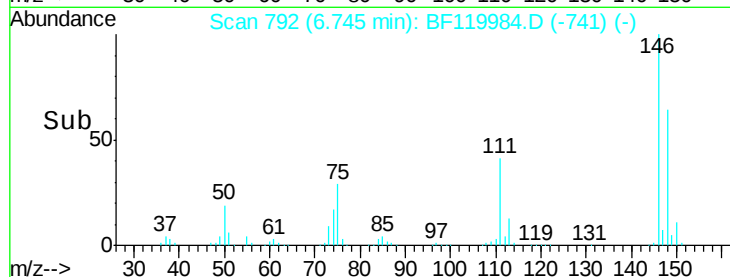
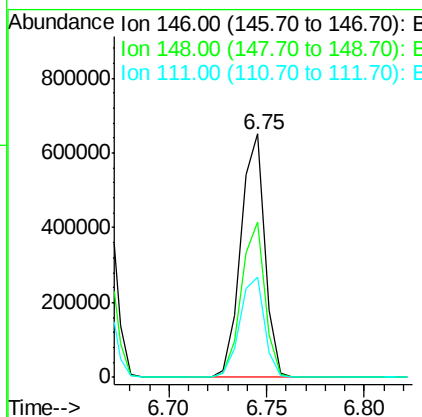
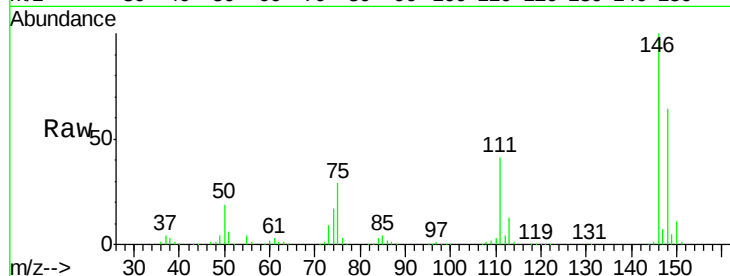
ClientSampleId :

PB128214BS

Tot Ion:	146	Resp:	552688
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.5	75.7
111	41.2	34.7	52.1

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



#14

1,2-Dichlorobenzene

Concen: 43.602 ng

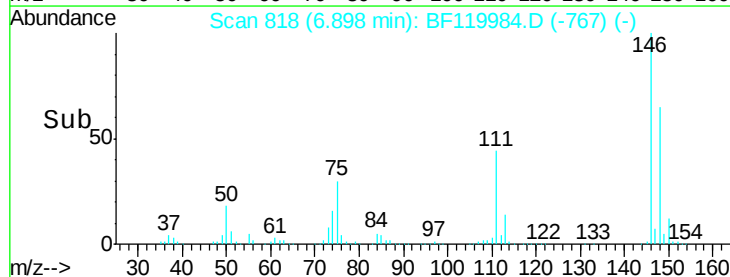
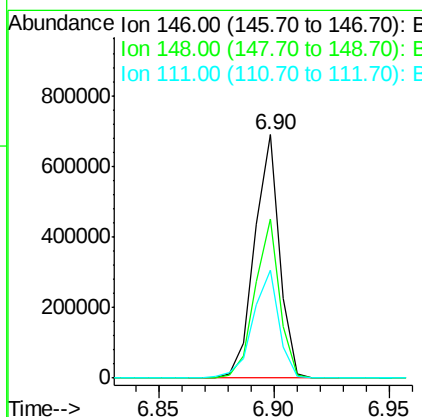
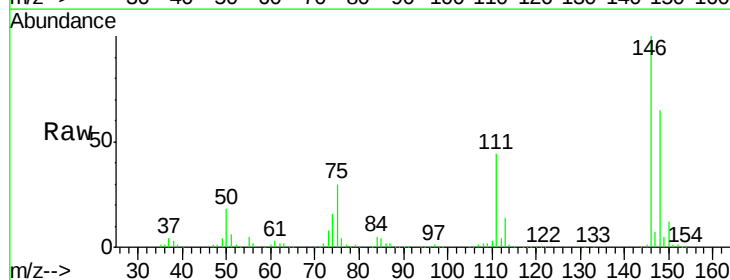
RT: 6.90 min Scan# 818

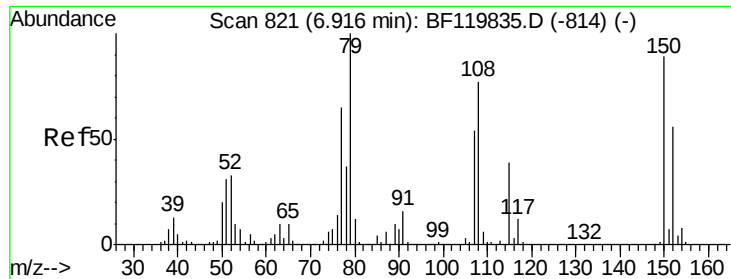
Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion:	146	Resp:	520987
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.8
111	44.2	38.0	57.0





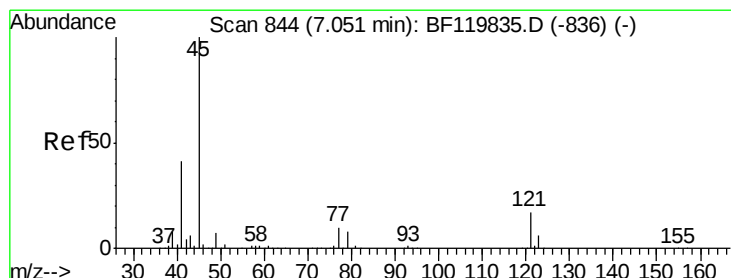
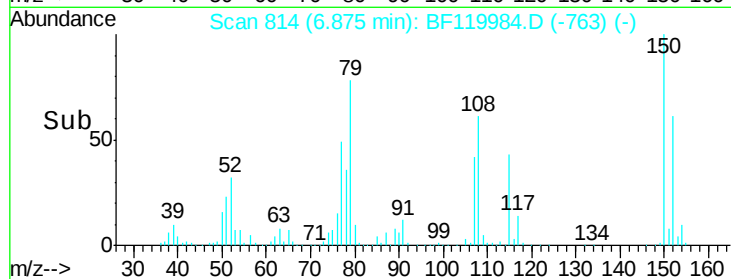
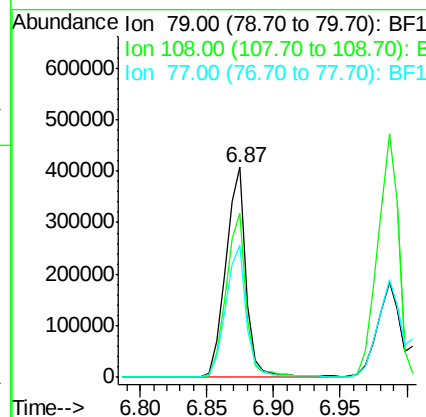
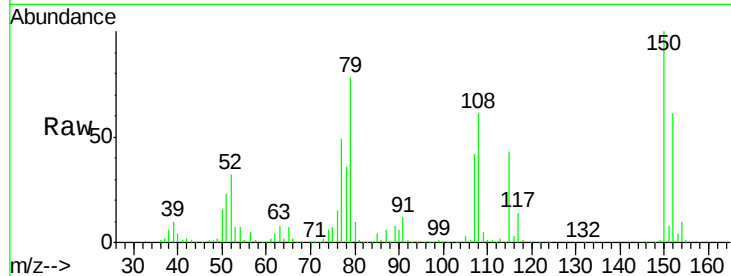
#15
Benzyl Alcohol
Concen: 42.403 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion: 79 Resp: 441563
Ion Ratio Lower Upper
79 100
108 78.1 62.0 93.0
77 62.9 51.8 77.6

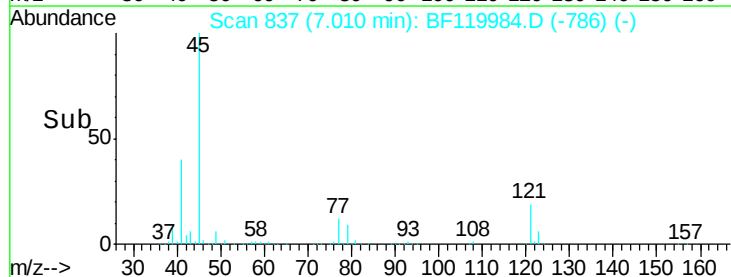
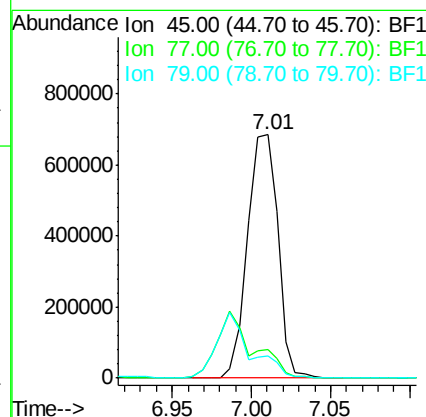
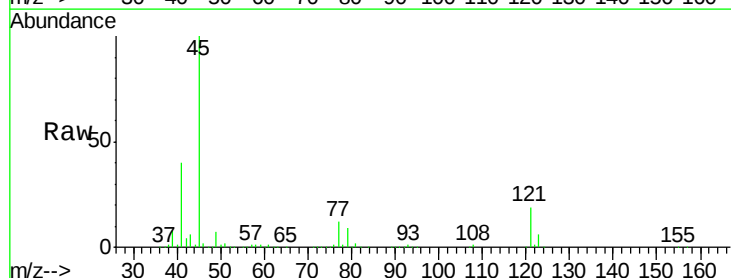
Manual Integrations
APPROVED

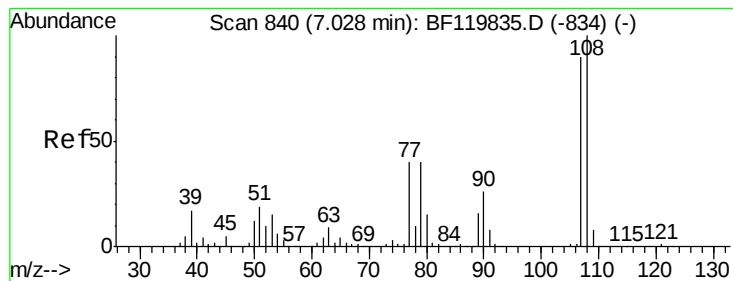
mohammad
4/16/2020 12:52:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.963 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion: 45 Resp: 913294
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.7
79 9.0 0.0 28.6





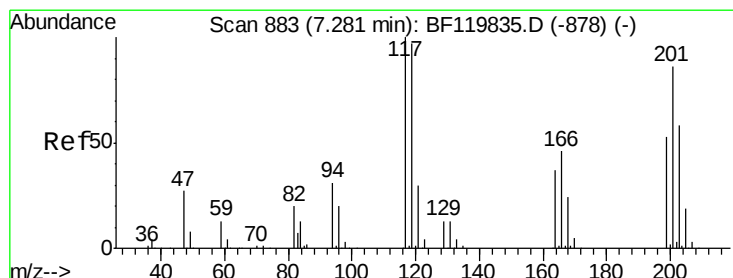
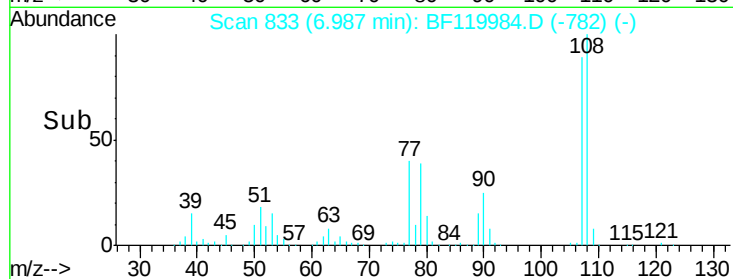
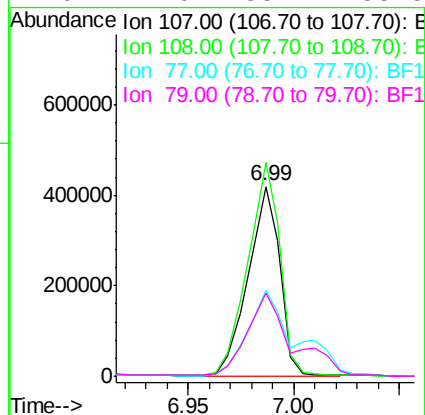
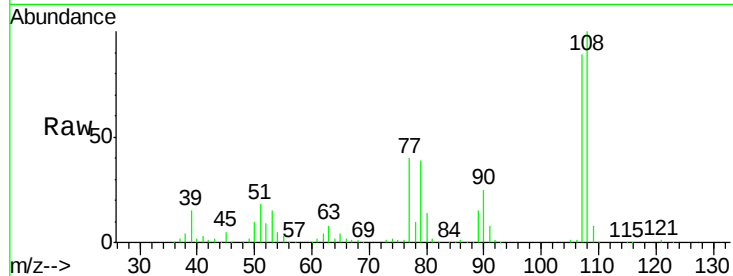
#17
2-Methylphenol
Concen: 42.025 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	107	Resp	436008
Ion Ratio	Lower	Upper	
107	100		
108	112.6	88.8	133.2
77	45.1	36.0	54.0
79	44.0	35.7	53.5

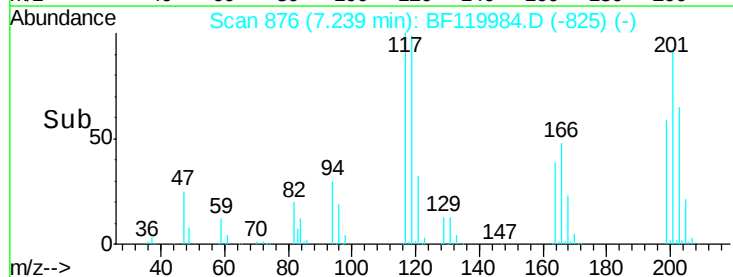
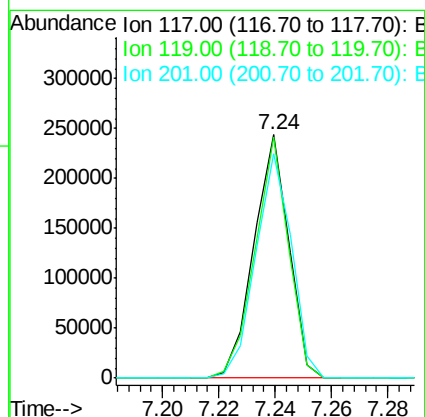
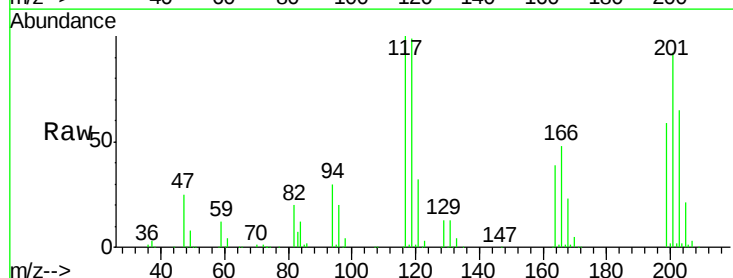
Manual Integrations
APPROVED

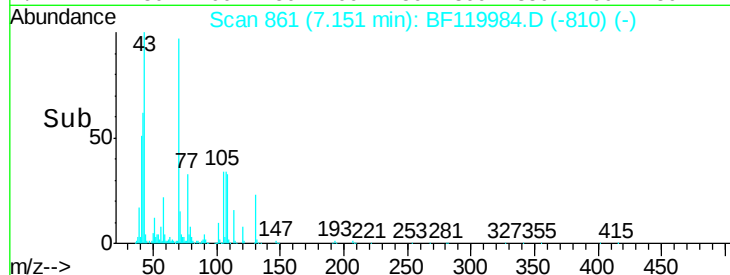
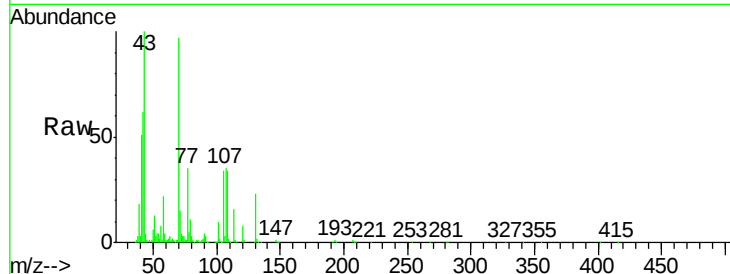
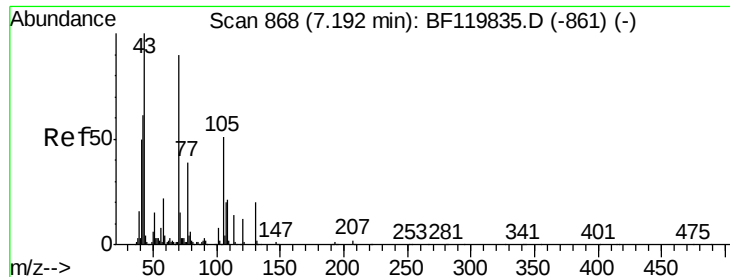
mohammad
4/16/2020 12:52:30 PM



#18
Hexachloroethane
Concen: 43.070 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	117	Resp	208694
Ion Ratio	Lower	Upper	
117	100		
119	98.8	77.4	116.0
201	92.3	68.4	102.6





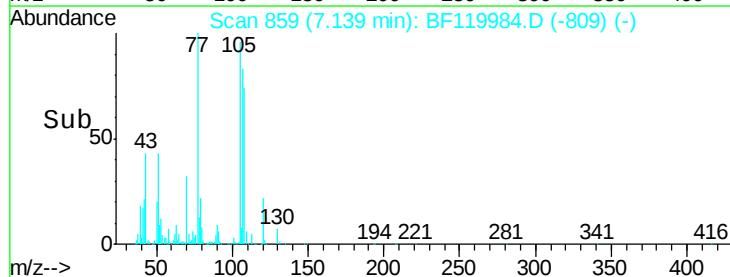
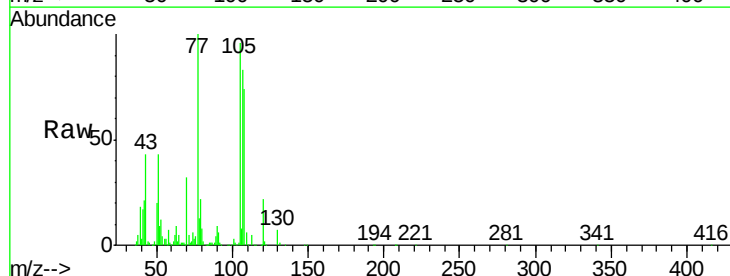
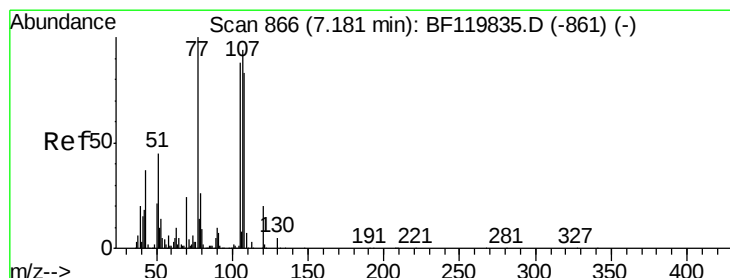
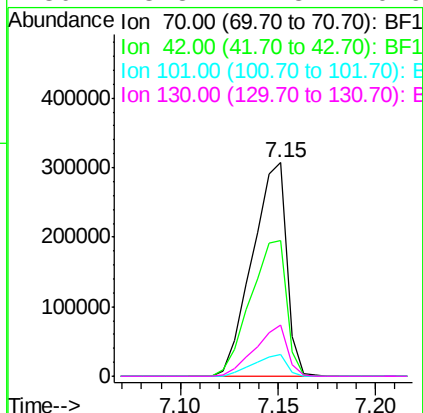
#19
n-Nitroso-di-n-propylamine
Concen: 43.376 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.6	54.2	81.4
101	10.2	7.4	11.2
130	23.8	17.8	26.6

Instrument :
BNA_F
ClientSampleId :
PB128214BS

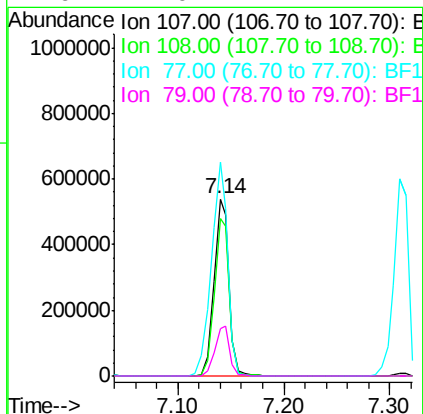
Manual Integrations
APPROVED

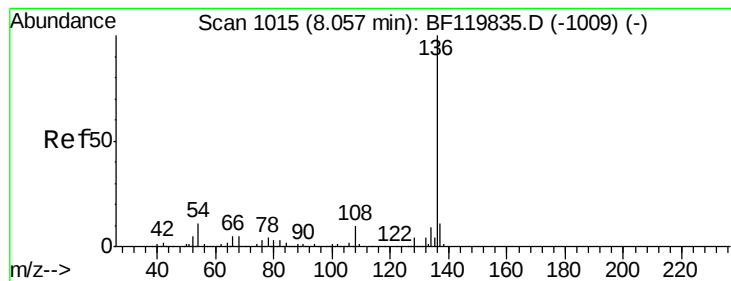
mohammad
4/16/2020 12:52:30 PM



#20
3+4-Methylphenols
Concen: 42.698 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	120.7	86.6	126.6
79	27.0	7.7	47.7





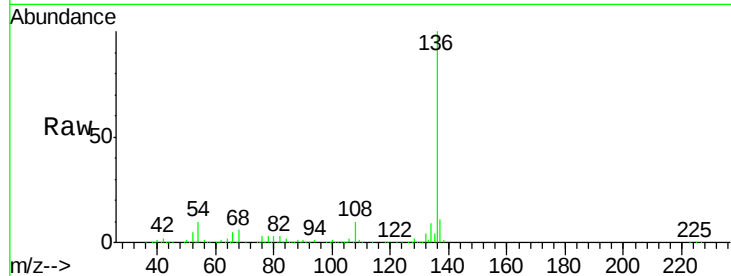
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	701921		
137	10.9		8.7	13.1
54	10.4		8.5	12.7
68	5.6		3.9	5.9

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



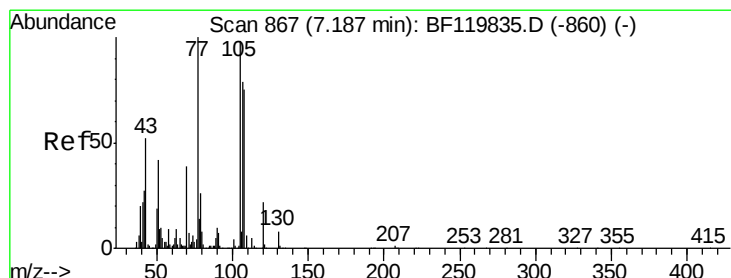
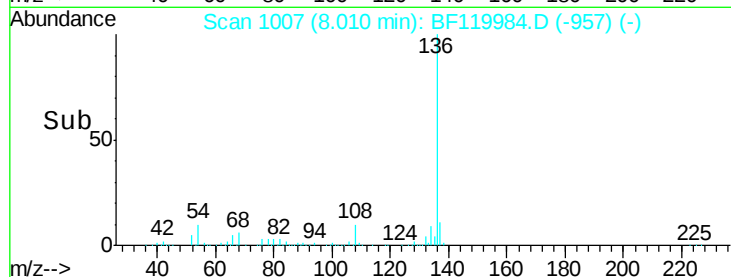
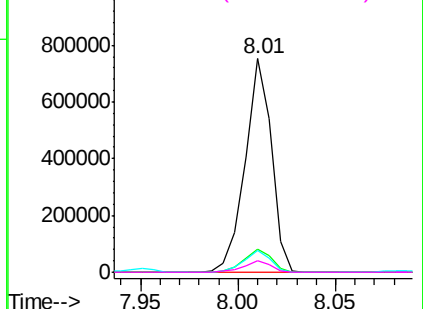
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.121 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	708763		
71	5.3		5.6	8.4#
51	44.4		33.9	50.9
120	22.6		17.8	26.8

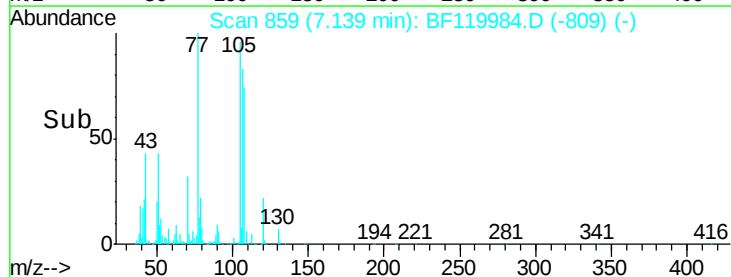
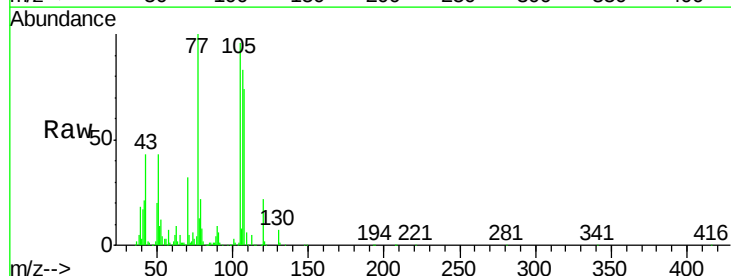
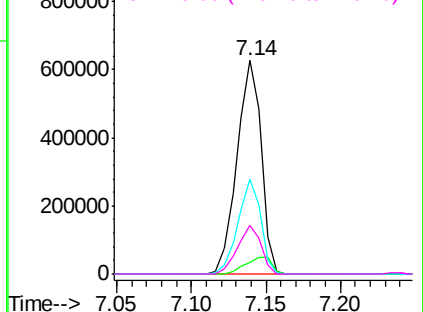
Abundance

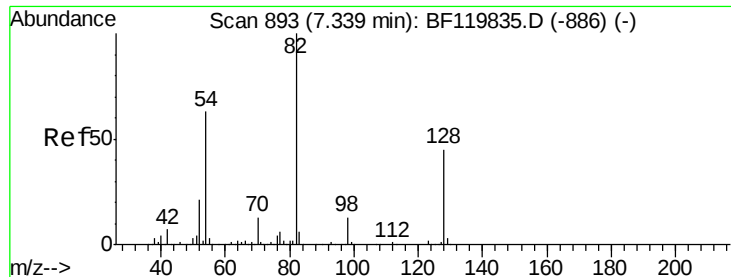
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





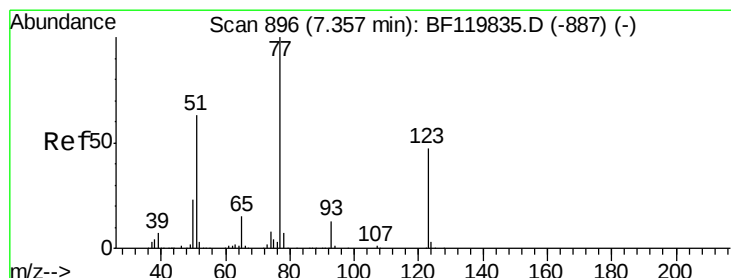
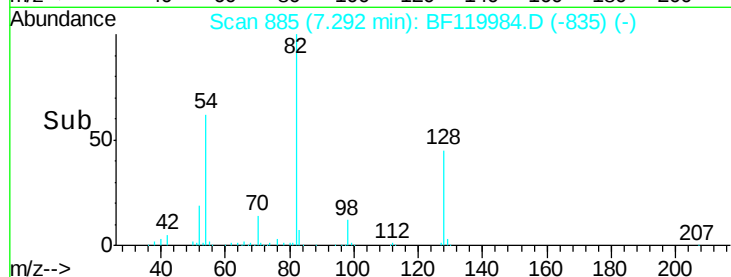
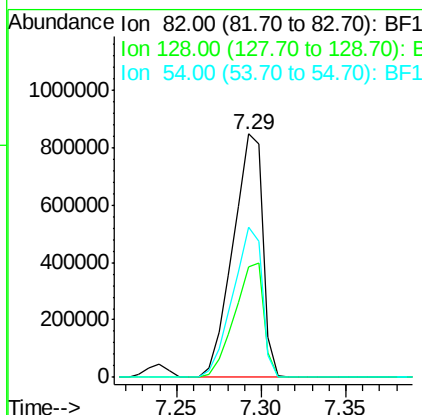
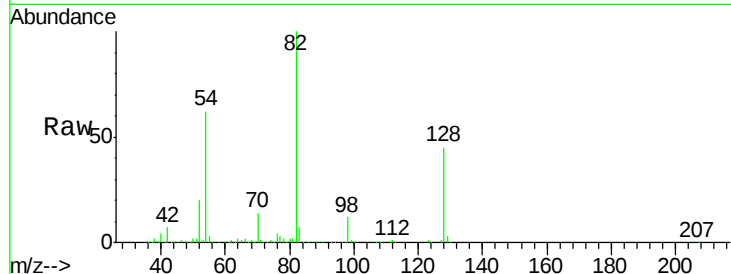
#23
 Nitrobenzene-d5
 Concen: 76.681 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion: 82 Resp: 1040410
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.2 54.4
 54 61.9 50.4 75.6

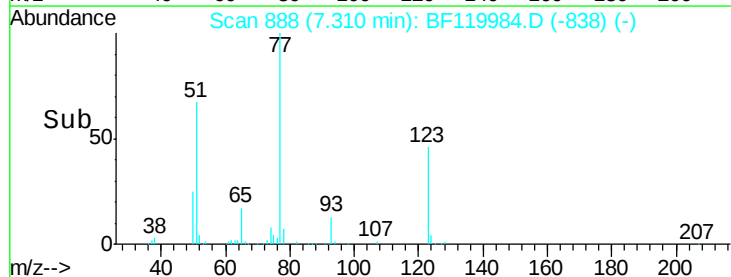
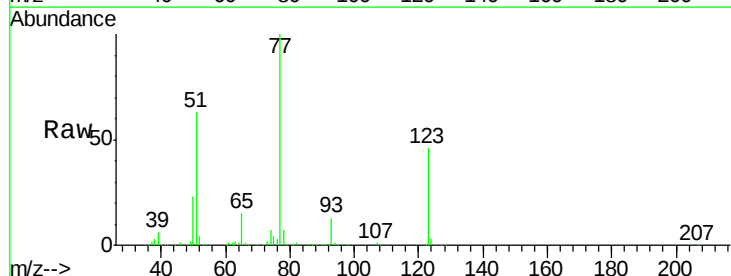
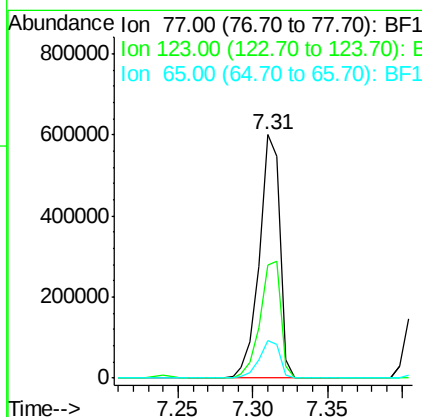
Manual Integrations
 APPROVED

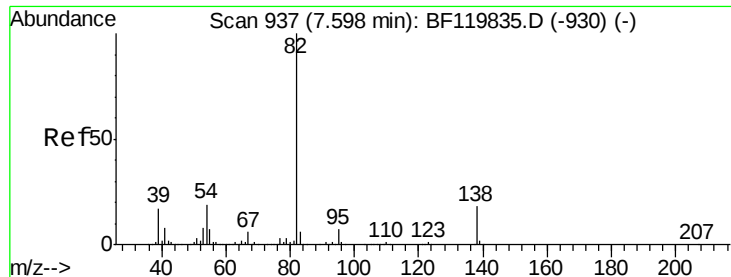
mohammad
 4/16/2020 12:52:30 PM



#24
 Nitrobenzene
 Concen: 41.314 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion: 77 Resp: 563894
 Ion Ratio Lower Upper
 77 100
 123 46.3 37.8 56.8
 65 15.3 12.2 18.2





#25

Isophorone

Concen: 40.073 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion: 82 Resp: 1048116

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

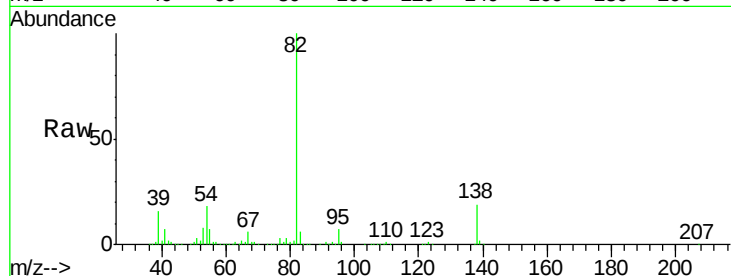
138 18.6 14.5 21.7

Manual Integrations

APPROVED

mohammad

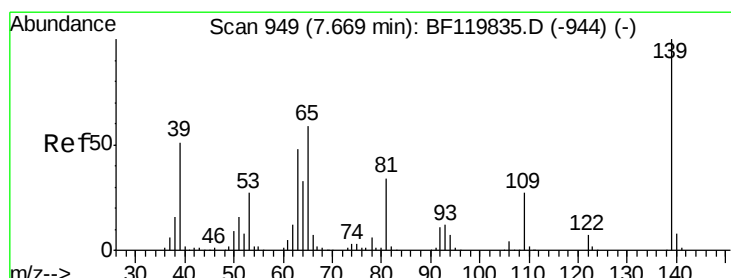
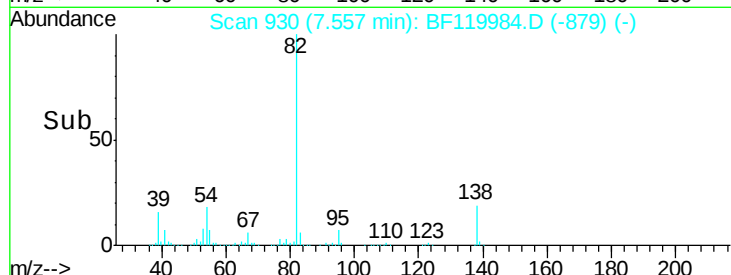
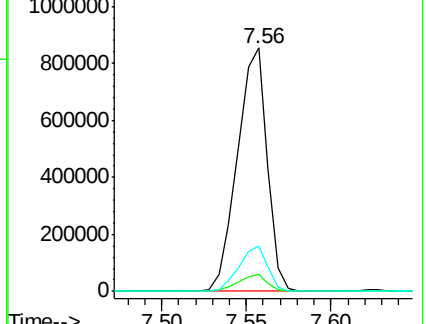
4/16/2020 12:52:30 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.425 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

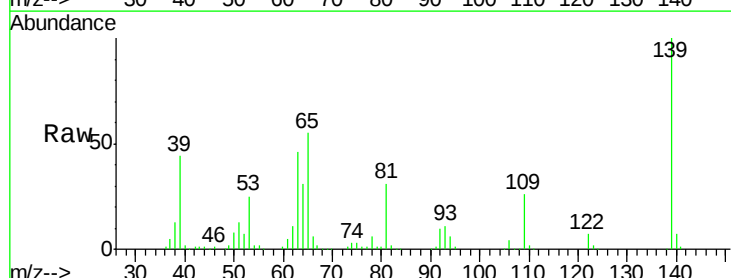
Tgt Ion: 139 Resp: 296117

Ion Ratio Lower Upper

139 100

109 26.3 21.8 32.6

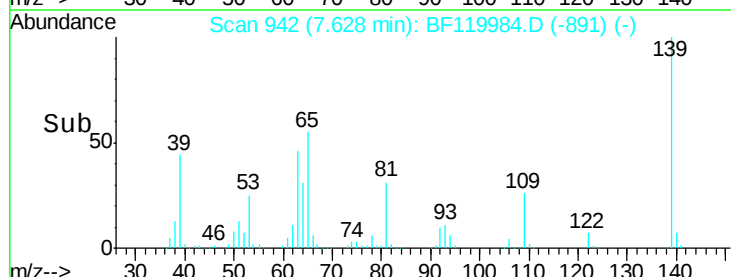
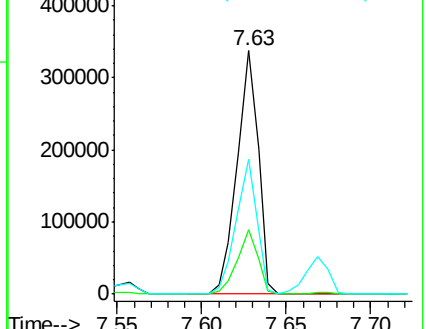
65 55.4 47.0 70.4

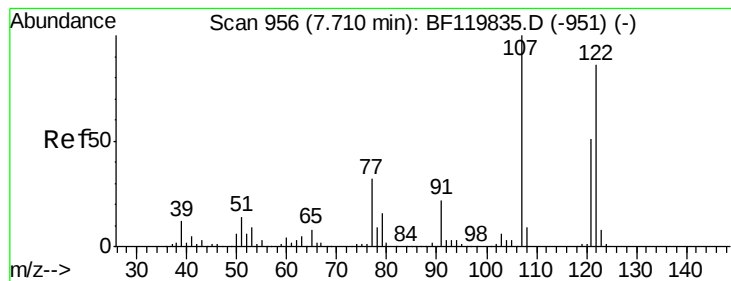


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.776 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

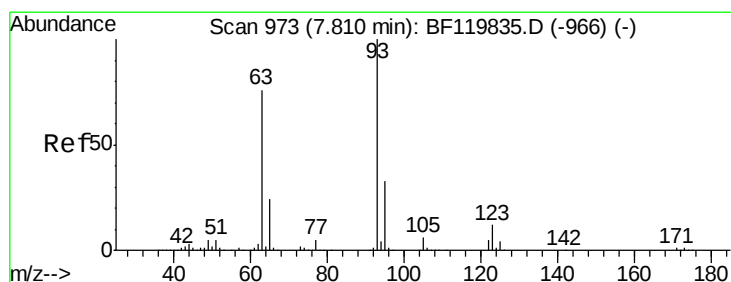
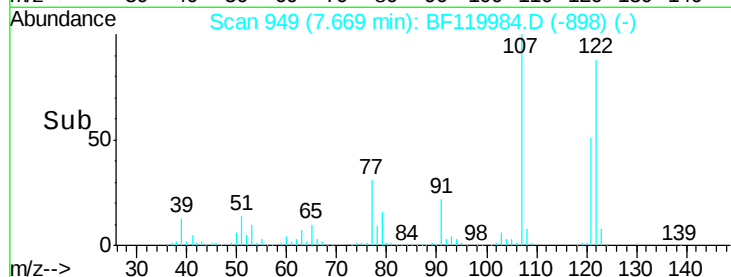
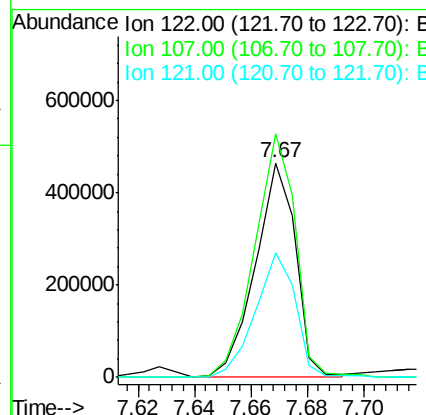
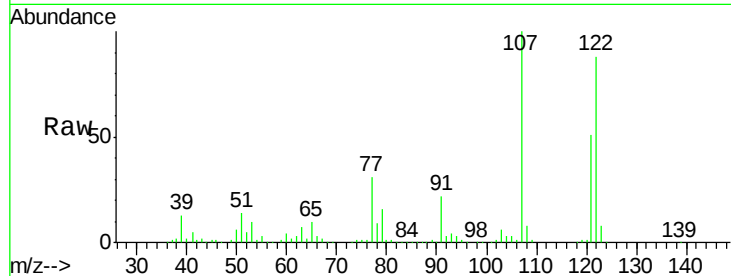
ClientSampleId :

PB128214BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		460492		
107	113.5	92.3	138.5		
121	58.0	46.6	70.0		

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.612 ng

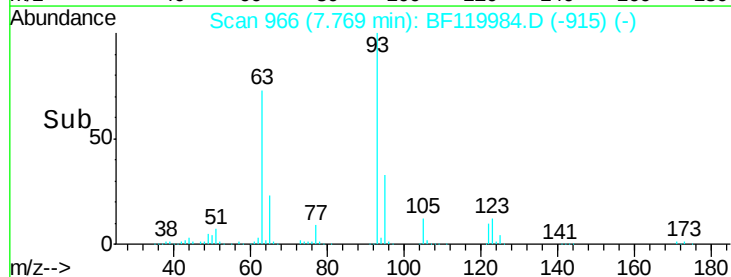
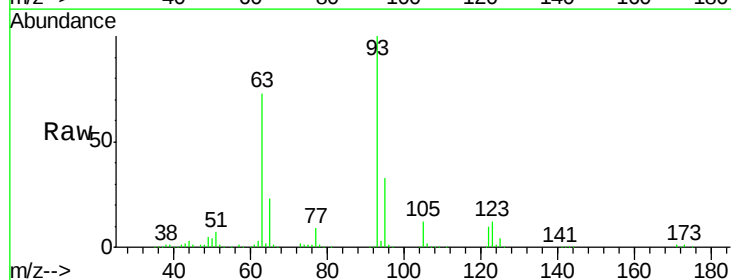
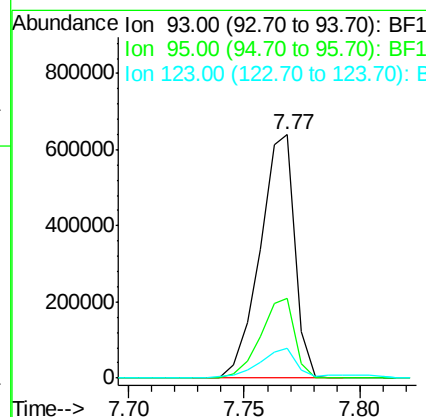
RT: 7.77 min Scan# 966

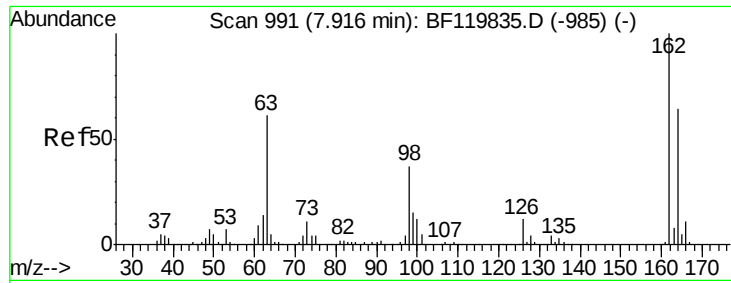
Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		671218		
95	32.6	26.4	39.6		
123	12.1	9.7	14.5		





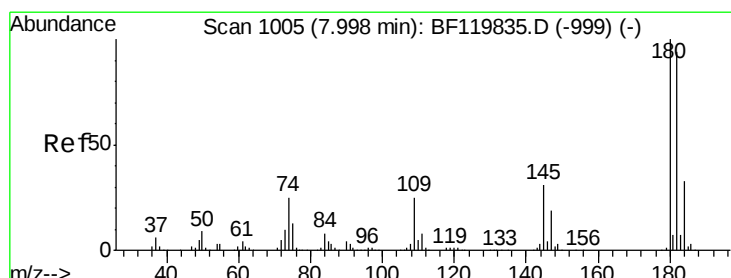
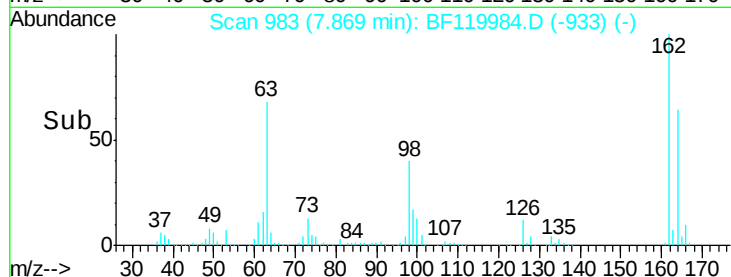
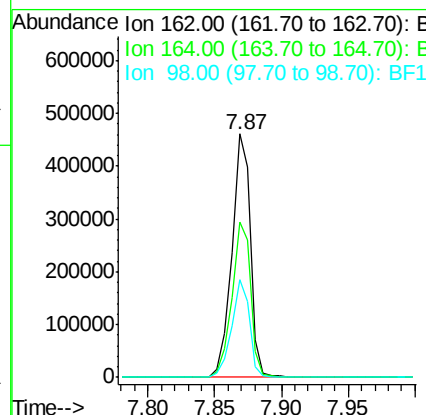
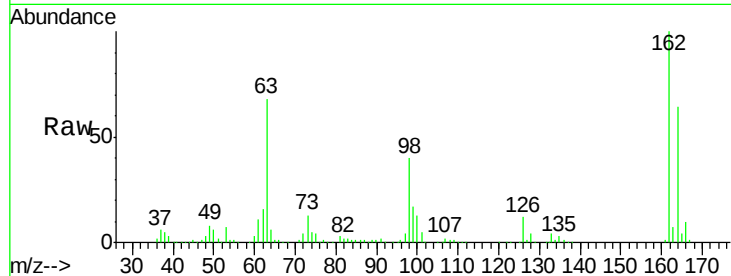
#29
2,4-Dichlorophenol
Concen: 43.079 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	454128		
164	63.9	44.4	84.4	
98	39.9	17.3	57.3	

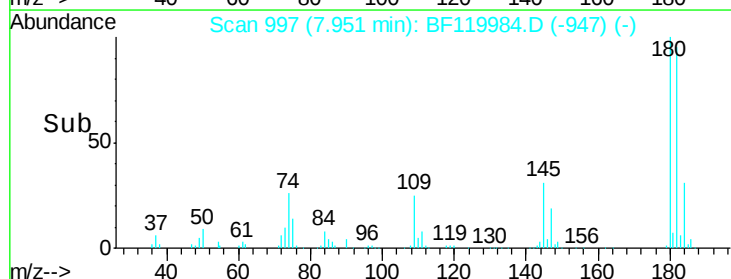
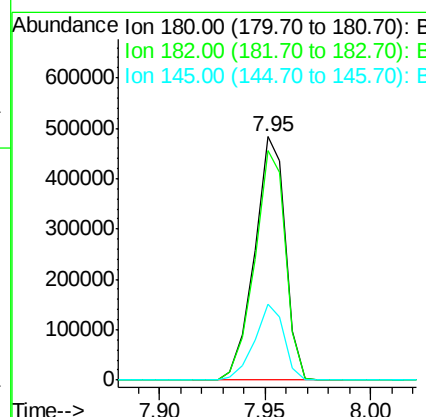
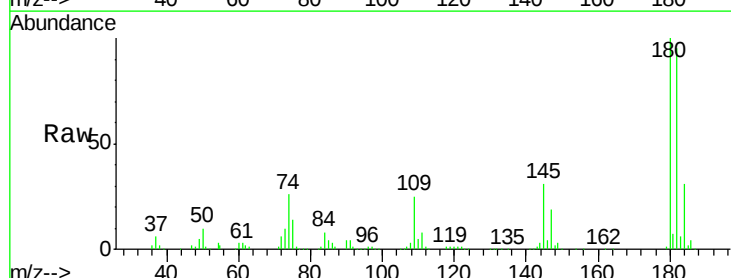
Manual Integrations
APPROVED

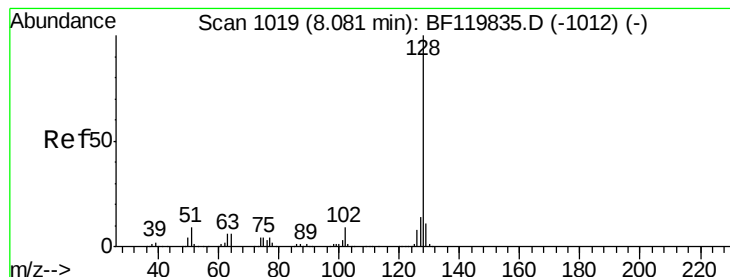
mohammad
4/16/2020 12:52:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.891 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	488430		
182	94.5	75.4	113.0	
145	31.2	24.6	37.0	





#31

Naphthalene

Concen: 42.136 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion:128 Resp: 1556103

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

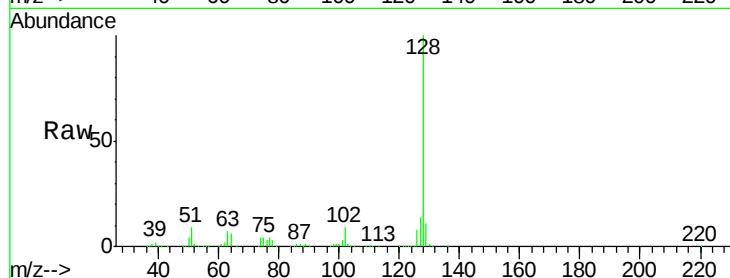
127 13.7 11.0 16.4

Manual Integrations

APPROVED

mohammad

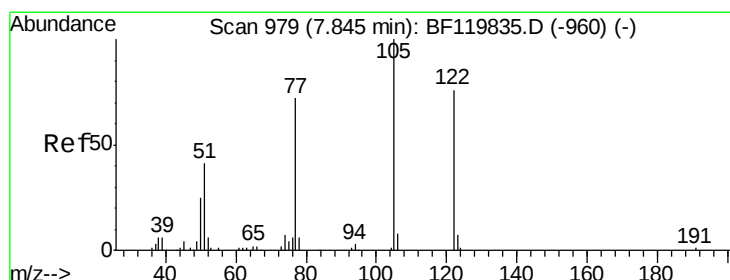
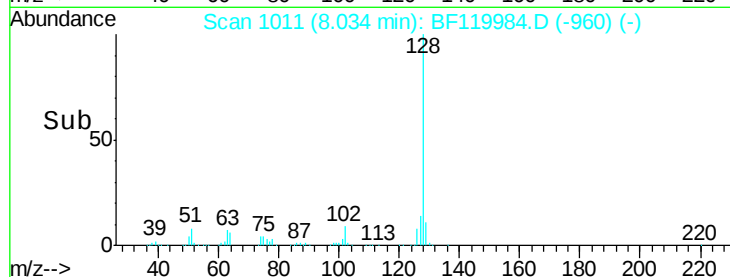
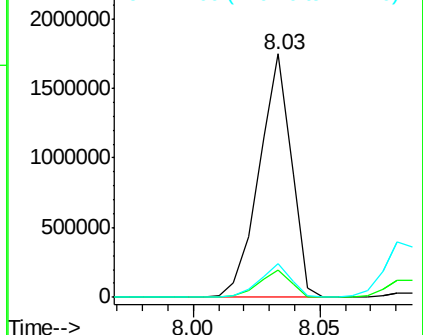
4/16/2020 12:52:30 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.744 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

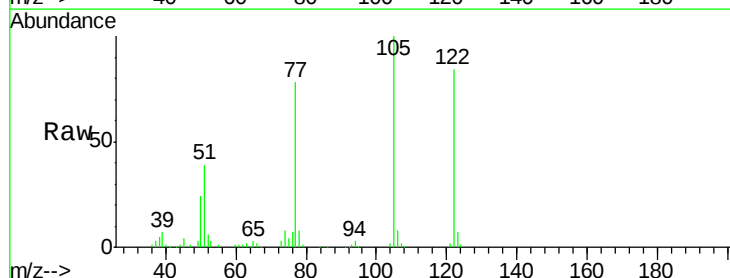
Tgt Ion:122 Resp: 368005

Ion Ratio Lower Upper

122 100

105 118.7 106.7 146.7

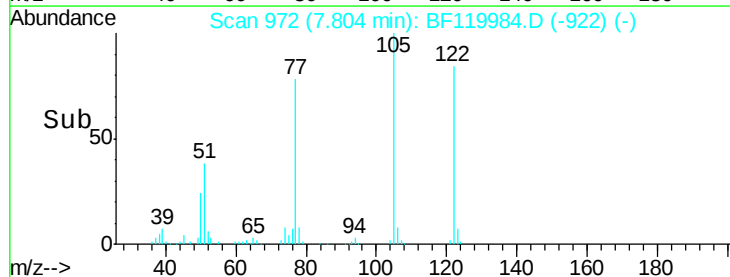
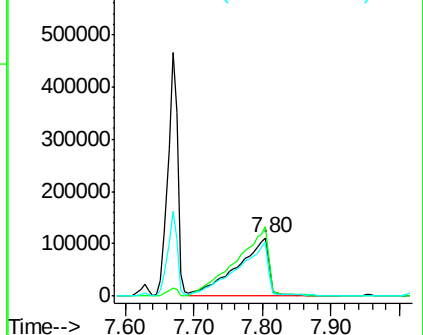
77 92.0 72.1 112.1

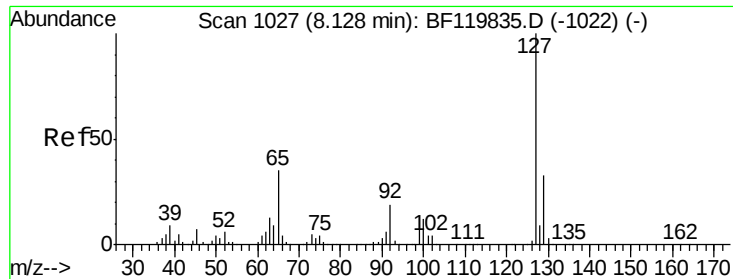


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





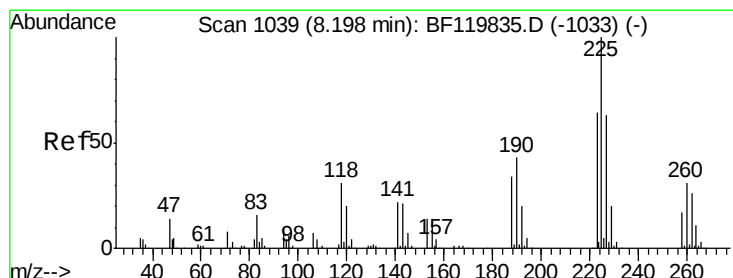
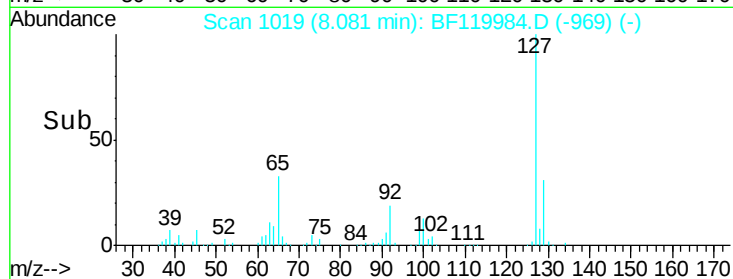
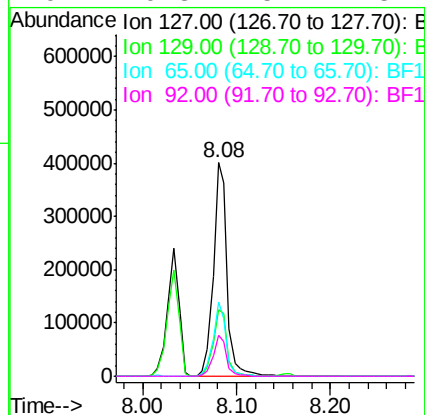
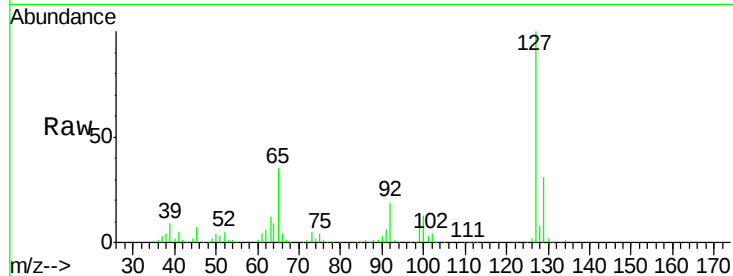
#33
4-Chloroaniline
Concen: 25.661 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.2		
65	34.5	28.3	42.5		
92	19.3	15.4	23.2		

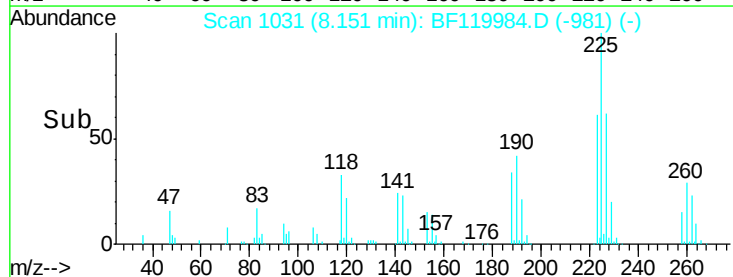
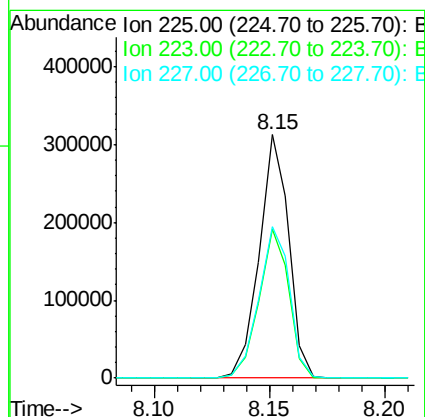
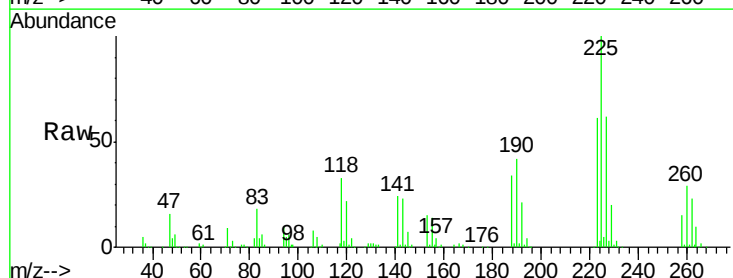
Manual Integrations
APPROVED

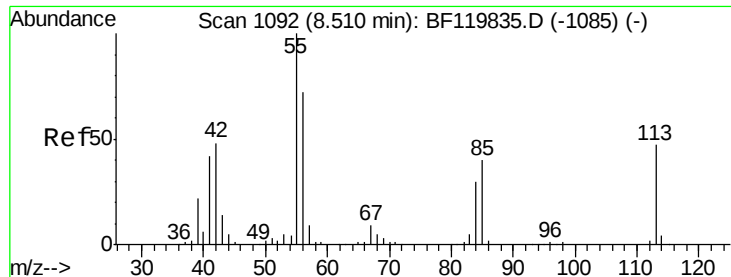
mohammad
4/16/2020 12:52:30 PM



#34
Hexachlorobutadiene
Concen: 38.895 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	51.0	76.6		
227	62.2	50.4	75.6		





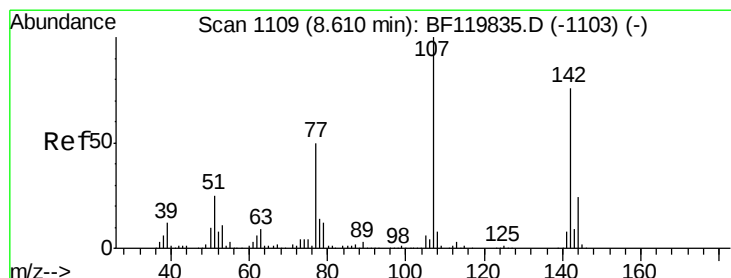
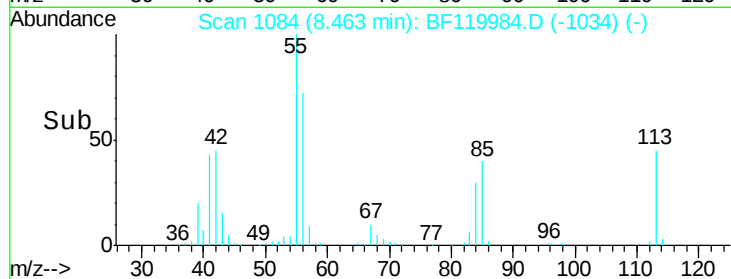
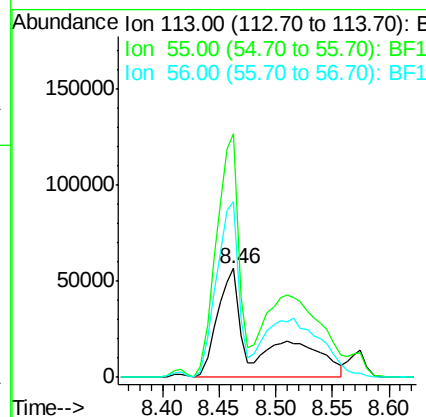
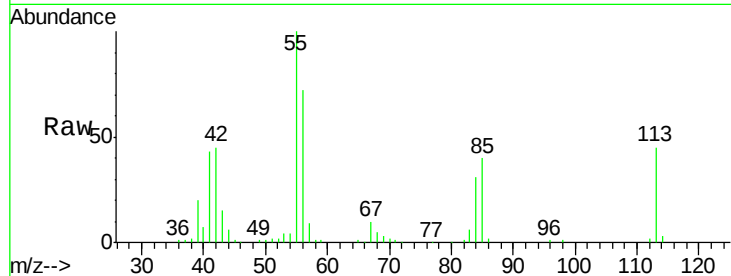
#35
 Caprolactam
 Concen: 43.976 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	224.2	192.7	232.7		
56	161.4	133.3	173.3		

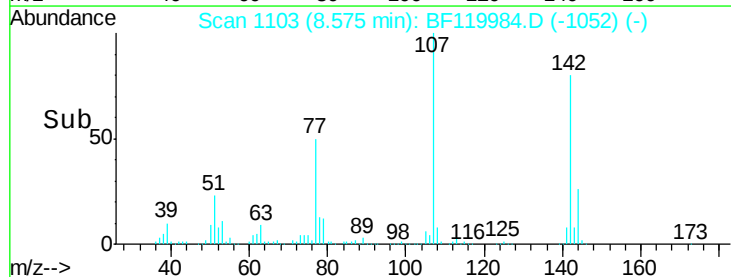
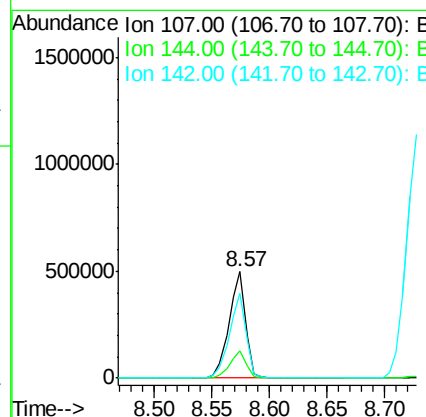
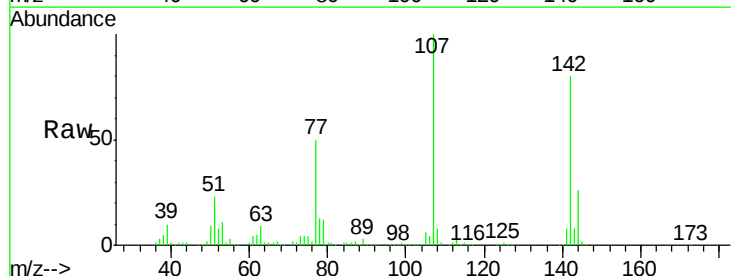
Manual Integrations
 APPROVED

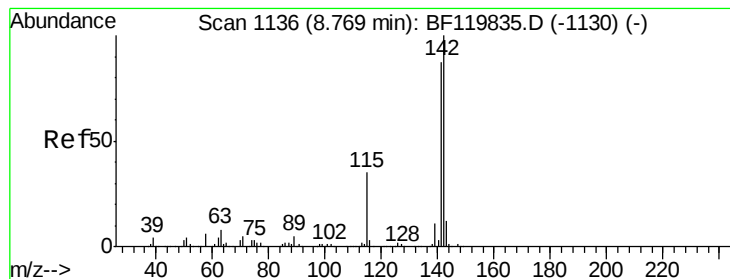
mohammad
 4/16/2020 12:52:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.396 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0	19.5	29.3		
142	80.0	60.5	90.7		





#37

2-Methylnaphthalene

Concen: 41.981 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion:142 Resp: 1051087

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9

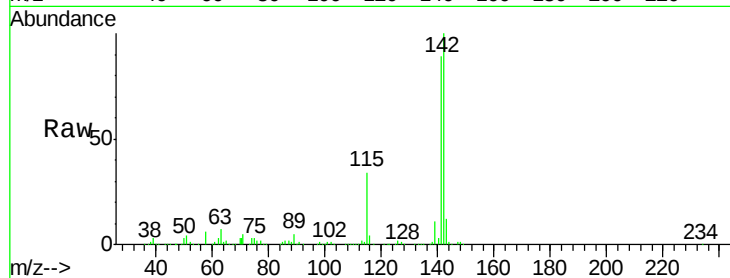
115 34.3 28.0 42.0

Manual Integrations

APPROVED

mohammad

4/16/2020 12:52:30 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.73

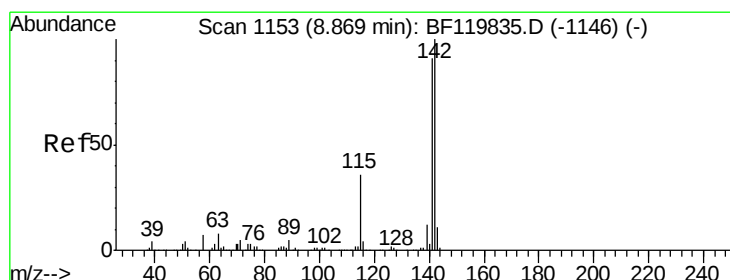
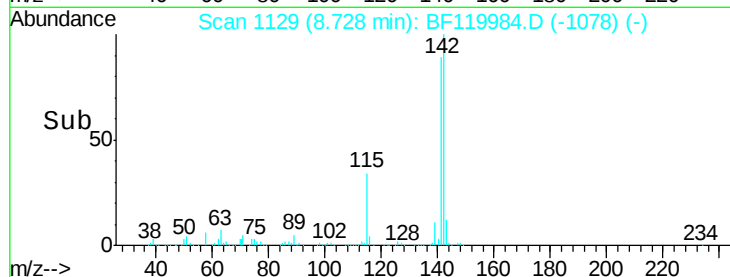
1500000

1000000

500000

0

Time--> 8.65 8.70 8.75



#38

1-Methylnaphthalene

Concen: 42.692 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

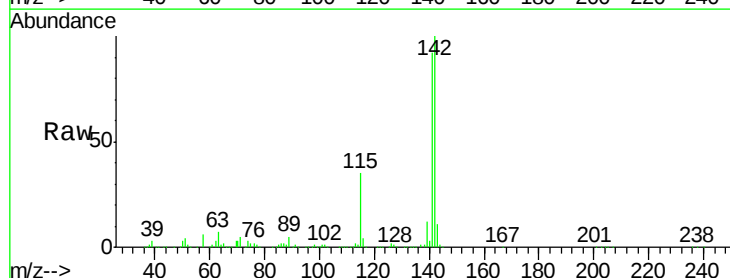
Tgt Ion:142 Resp: 1007480

Ion Ratio Lower Upper

142 100

141 91.8 72.9 109.3

116 3.6 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.83

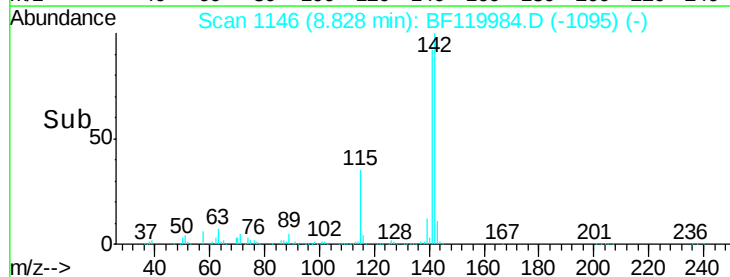
1500000

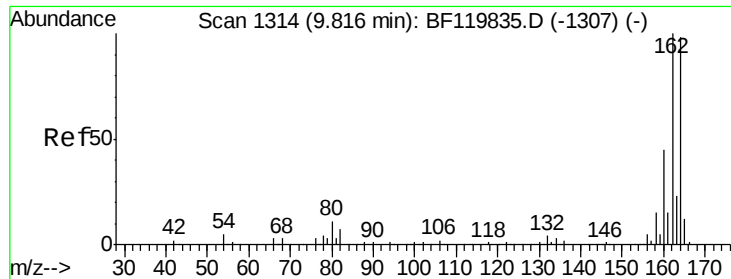
1000000

500000

0

Time--> 8.75 8.80 8.85





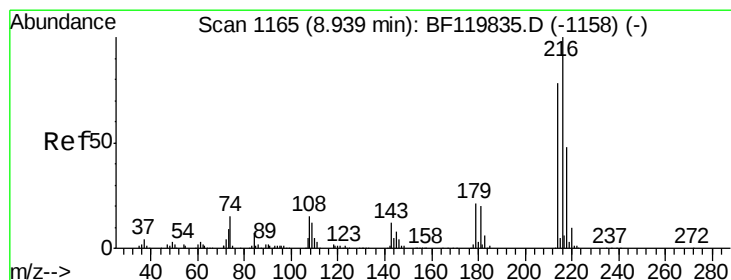
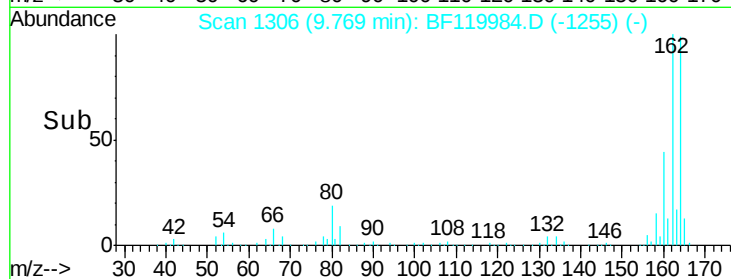
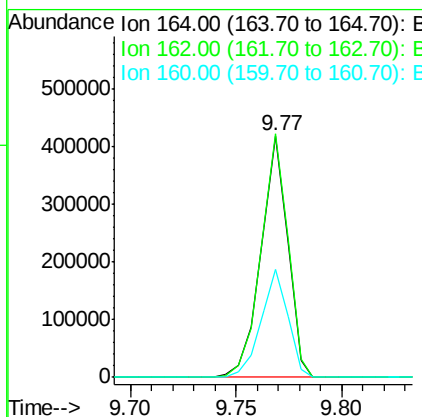
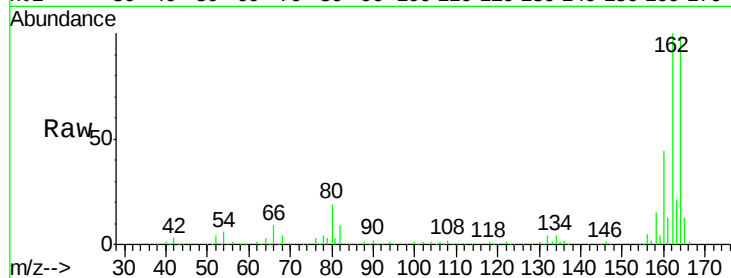
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.9	122.9
160	44.7	36.6	54.8

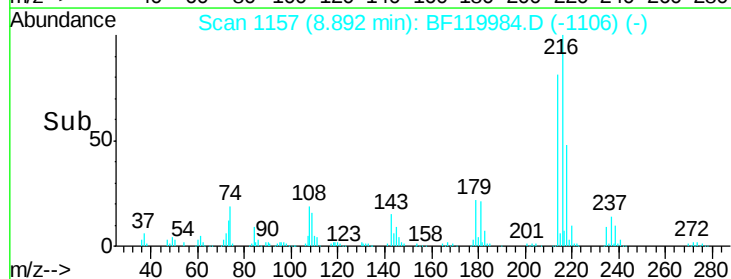
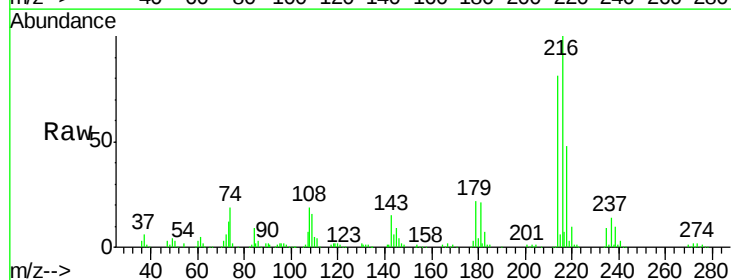
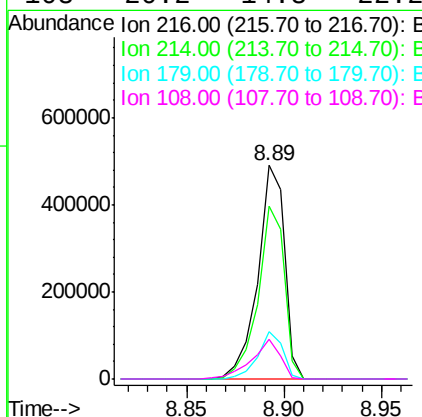
Manual Integrations
APPROVED

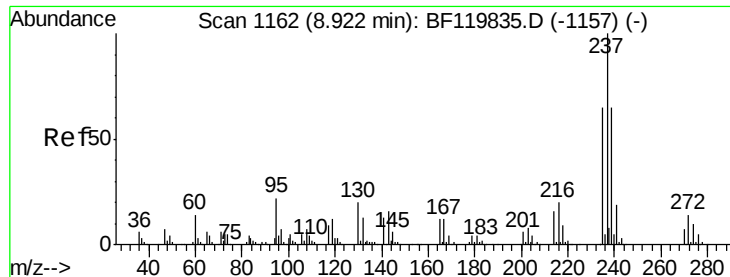
mohammad
4/16/2020 12:52:30 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.681 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.1	94.7
179	21.2	17.0	25.4
108	20.2	14.8	22.2





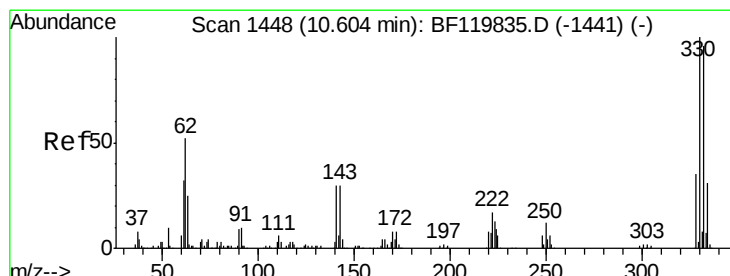
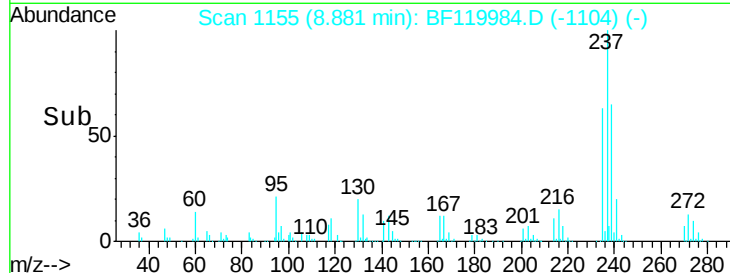
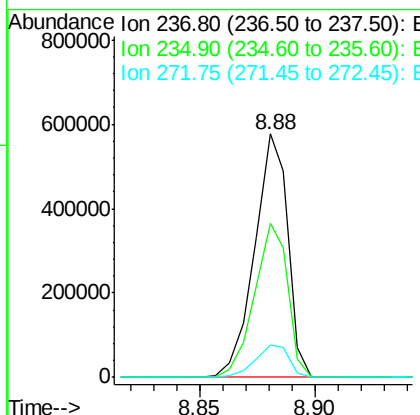
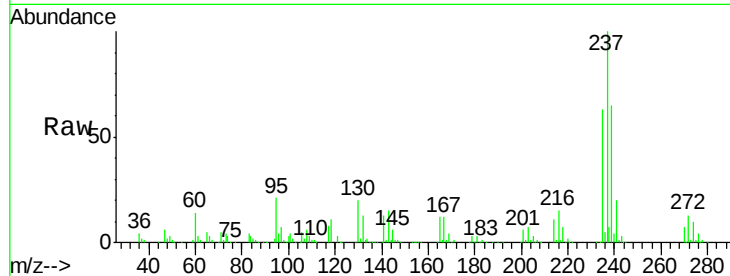
#41
Hexachlorocyclopentadiene
Concen: 86.793 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	44.9	84.9
272	13.2	0.0	33.6

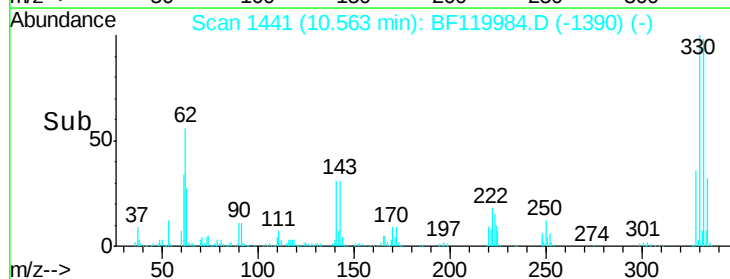
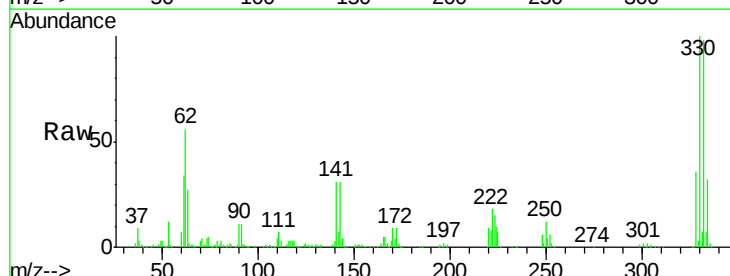
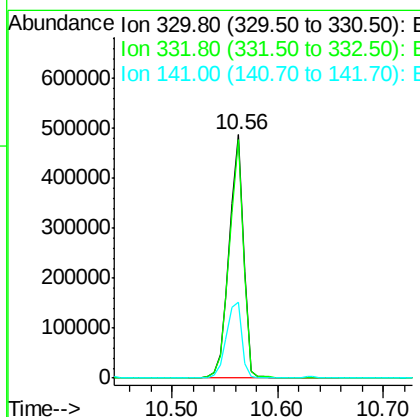
Manual Integrations
APPROVED

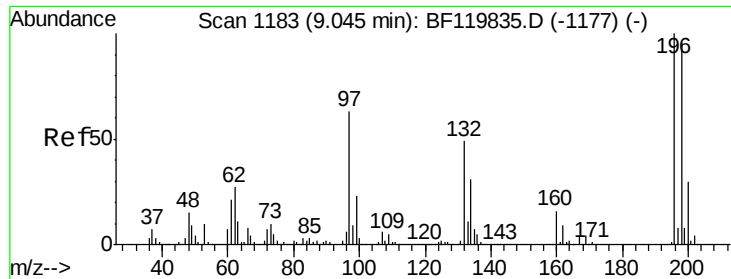
mohammad
4/16/2020 12:52:30 PM



#42
2,4,6-Tribromophenol
Concen: 101.455 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	76.8	115.2
141	33.8	25.1	37.7





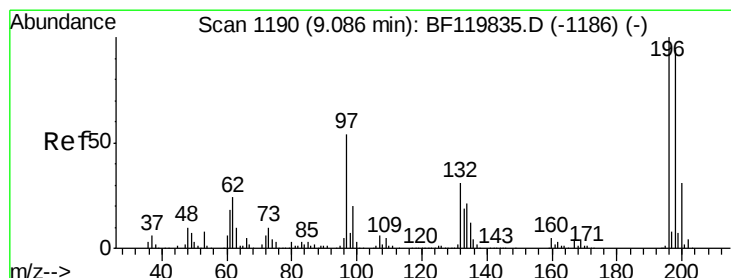
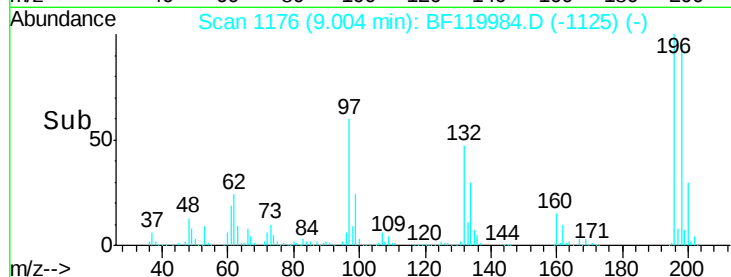
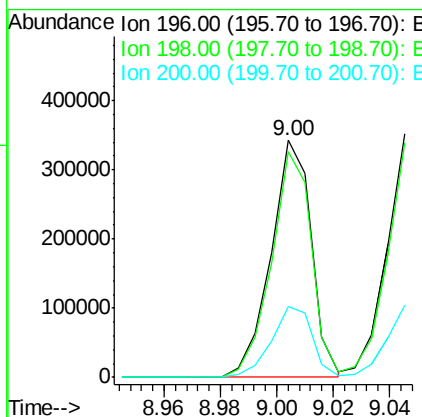
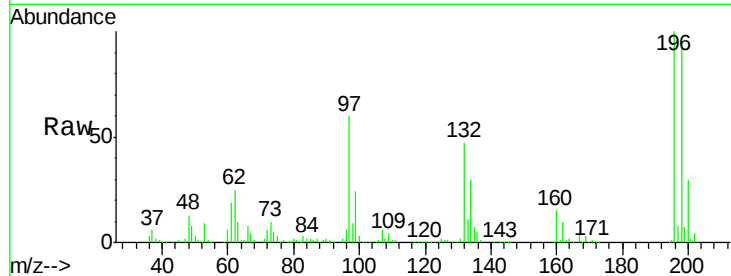
#43
 2,4,6-Trichlorophenol
 Concen: 41.938 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleID :
 PB128214BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	339288		
198	95.4	76.6	115.0	
200	29.9	24.2	36.2	

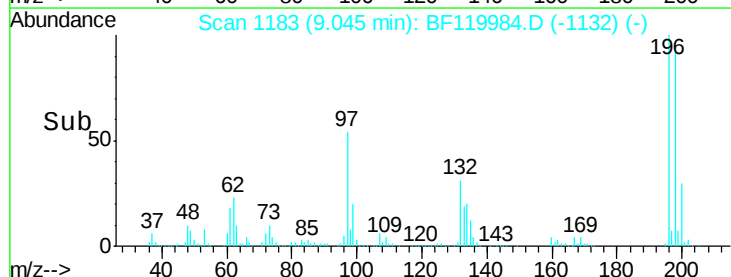
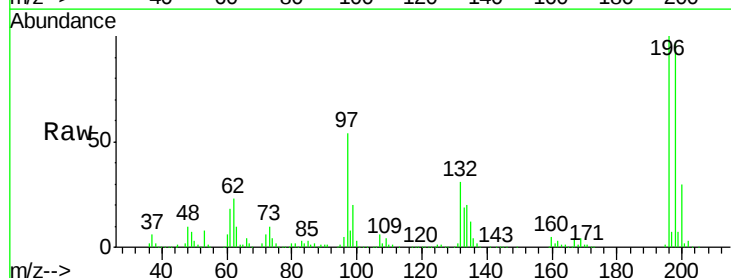
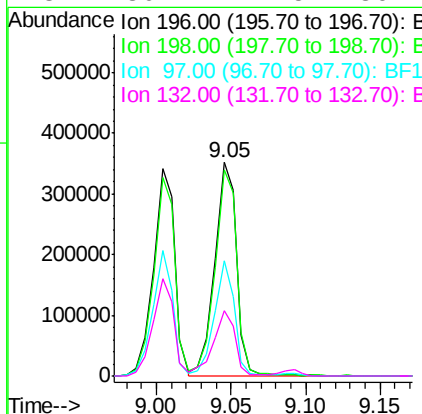
Manual Integrations
 APPROVED

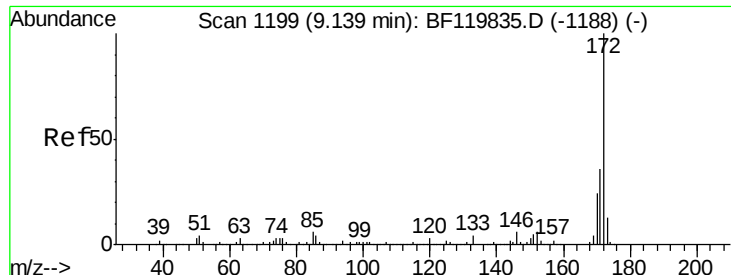
mohammad
 4/16/2020 12:52:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.297 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	358075		
198	96.5	75.1	112.7	
97	54.1	43.4	65.2	
132	30.7	24.5	36.7	





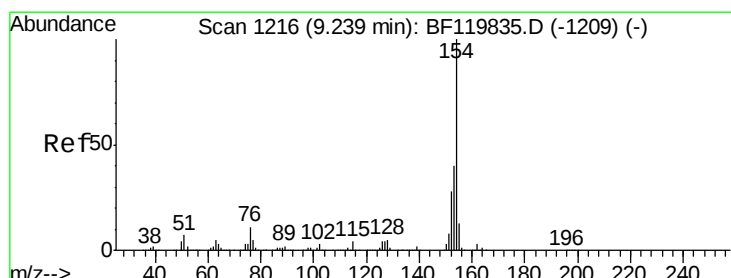
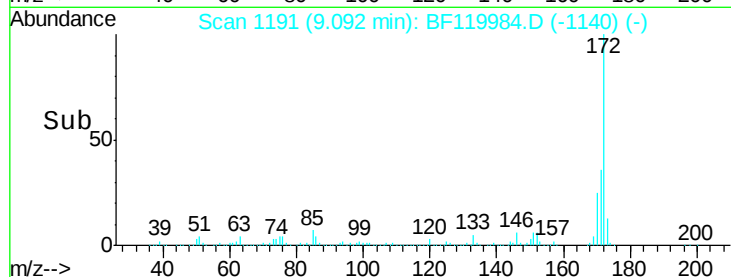
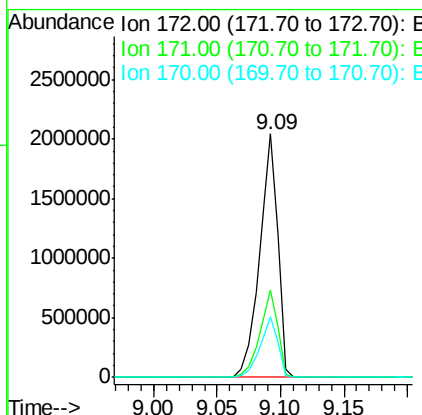
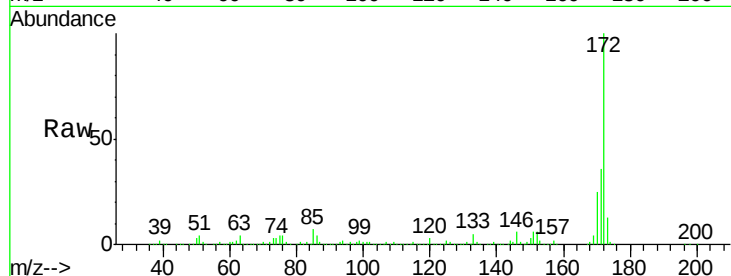
#45
2-Fluorobiphenyl
Concen: 78.577 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampled :
PB128214BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.7	19.4	29.2

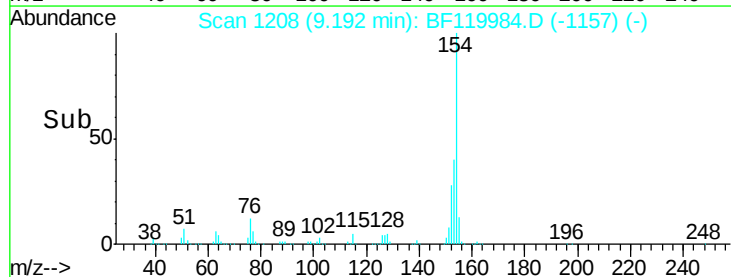
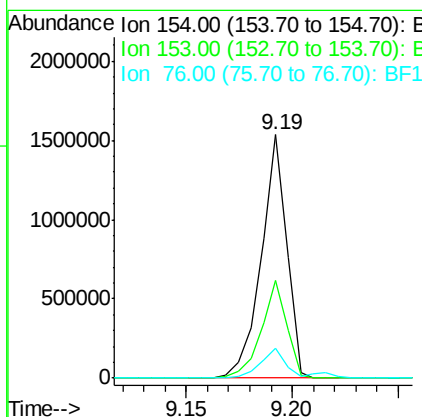
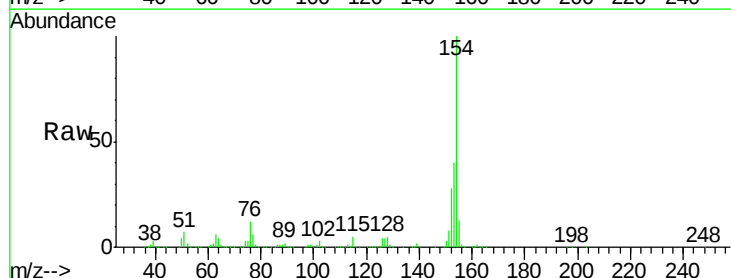
Manual Integrations
APPROVED

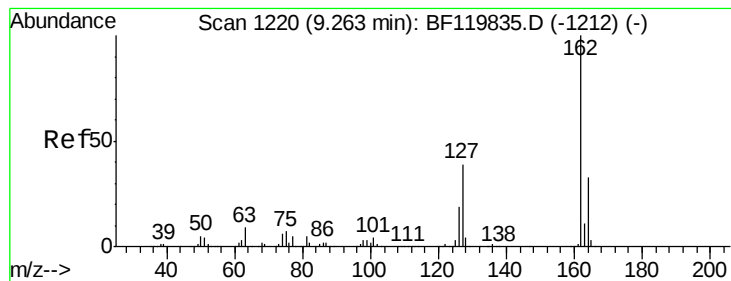
mohammad
4/16/2020 12:52:30 PM



#46
1,1'-Biphenyl
Concen: 41.227 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	12.1	0.0	30.6





#47

2-Chloronaphthalene

Concen: 41.572 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

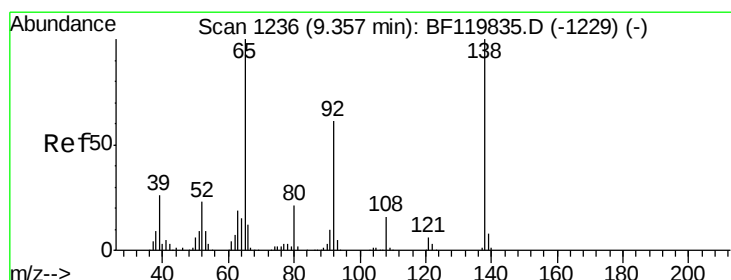
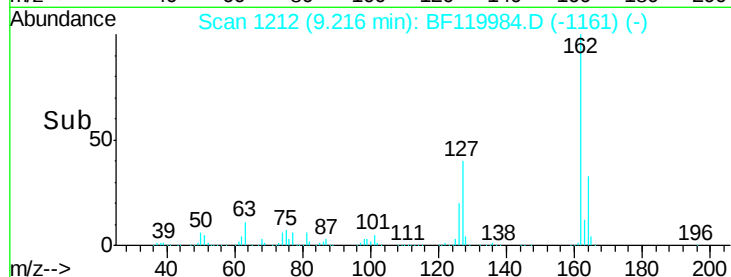
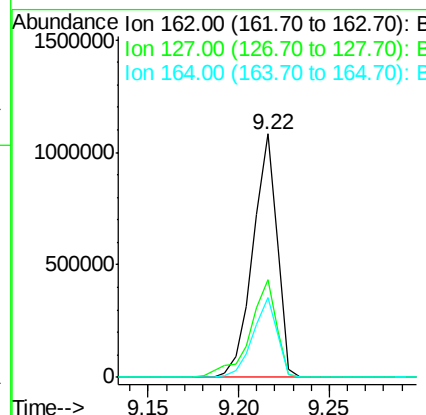
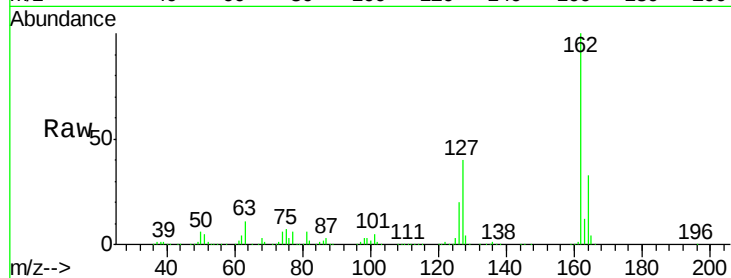
ClientSampleId :

PB128214BS

Tot Ion:	162	Resp:	1002651
Ion Ratio	Lower	Upper	
162	100		
127	40.4	31.2	46.8
164	32.7	26.3	39.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



#48

2-Nitroaniline

Concen: 40.009 ng

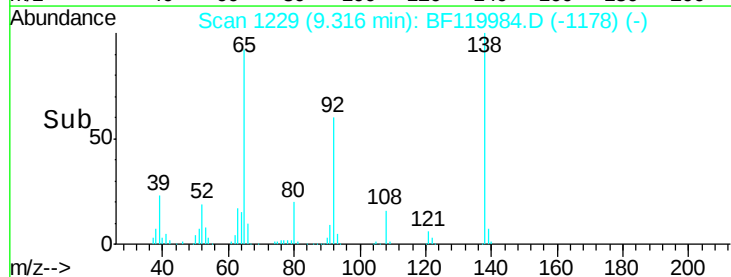
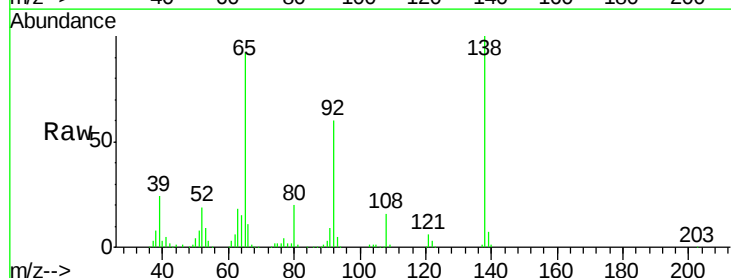
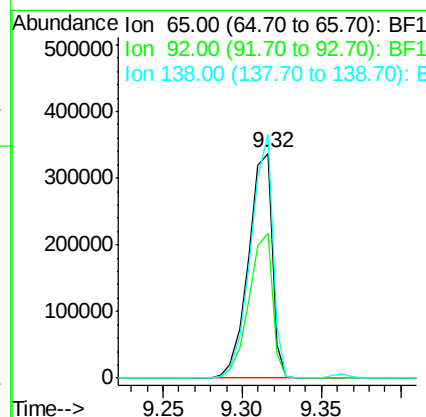
RT: 9.32 min Scan# 1229

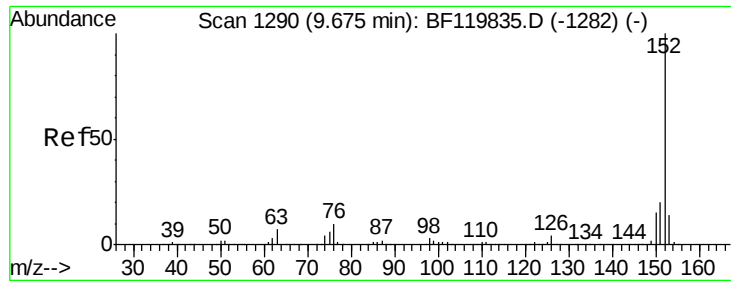
Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion:	65	Resp:	349691
Ion Ratio	Lower	Upper	
65	100		
92	64.9	49.0	73.6
138	108.4	79.7	119.5





#49

Acenaphthylene

Concen: 42.315 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion:152 Resp: 1552100

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

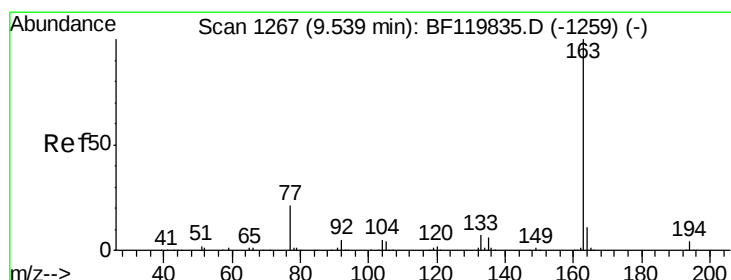
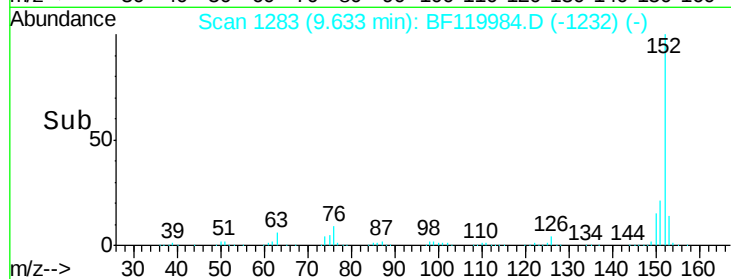
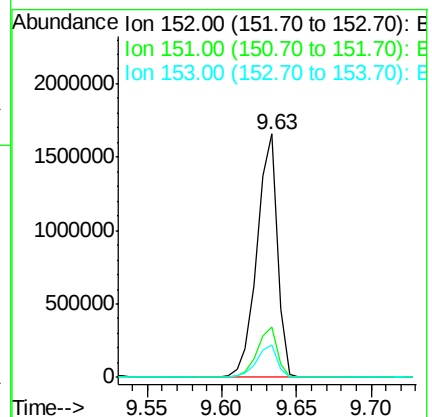
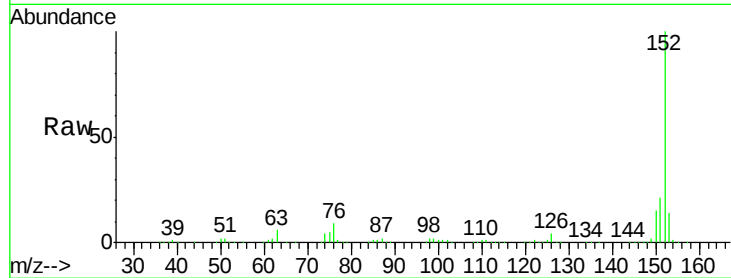
153 13.5 10.9 16.3

Manual Integrations

APPROVED

mohammad

4/16/2020 12:52:30 PM



#50

Dimethylphthalate

Concen: 41.144 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

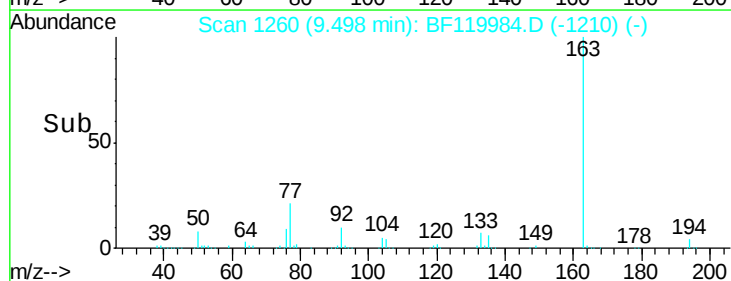
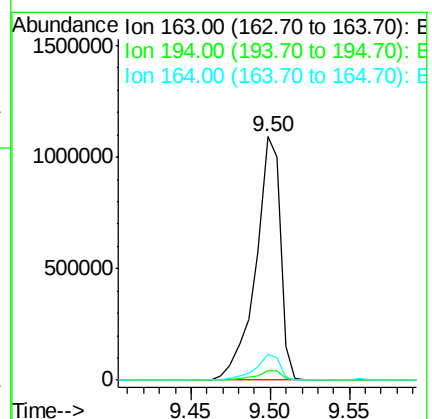
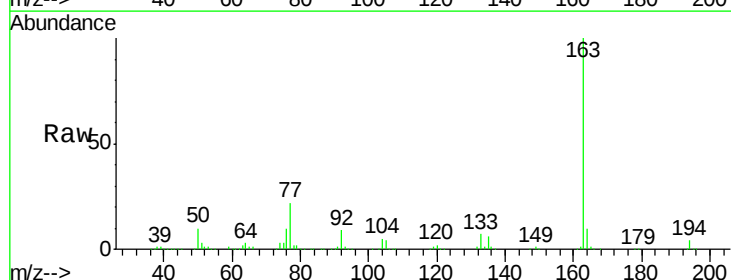
Tgt Ion:163 Resp: 1180455

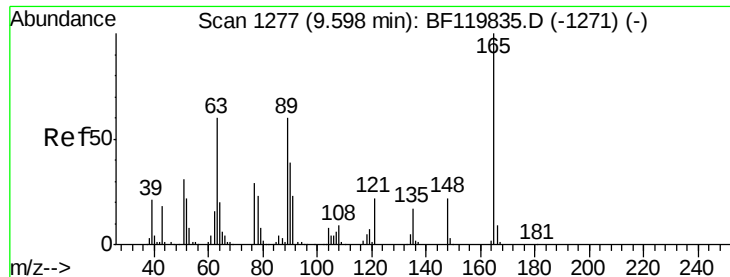
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.5 8.4 12.6





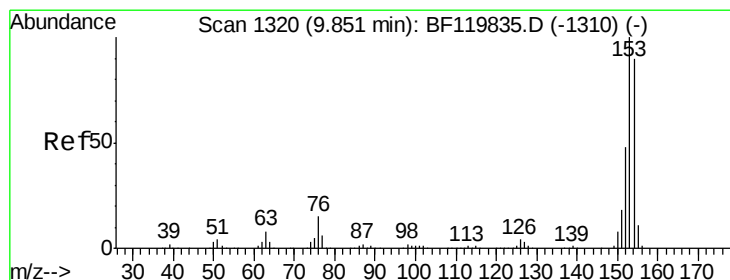
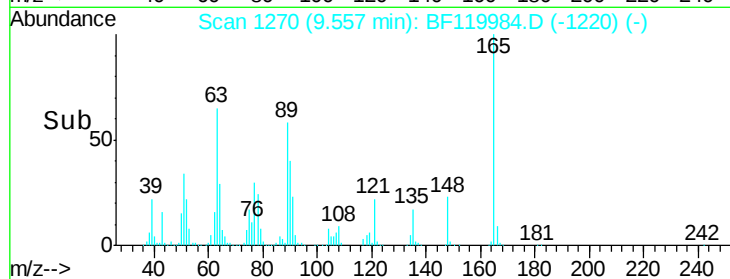
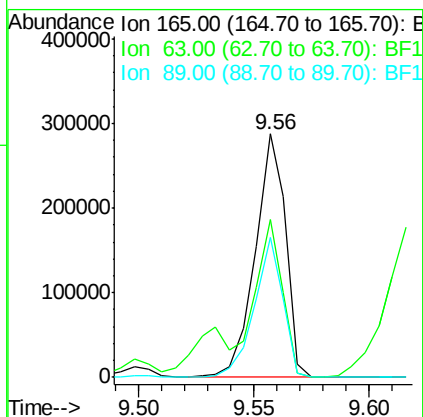
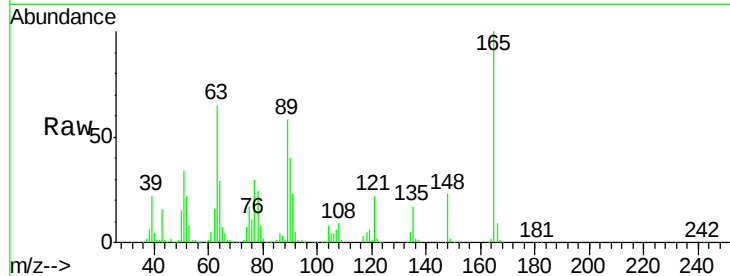
#51
2,6-Dinitrotoluene
Concen: 42.105 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:	165	Resp:	264541
Ion Ratio	Lower	Upper	
165	100		
63	64.6	55.6	83.4
89	57.7	47.9	71.9

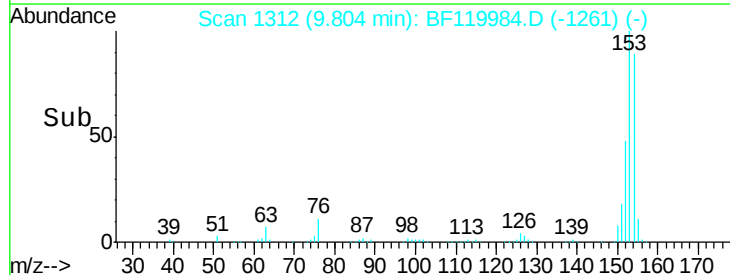
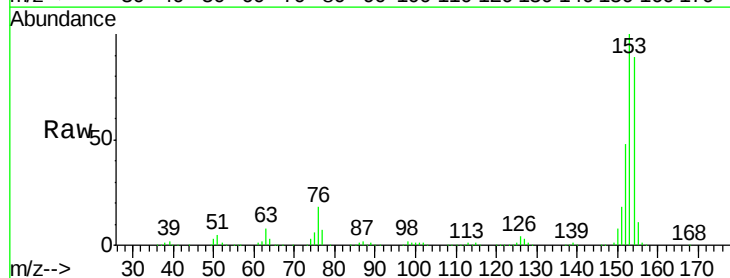
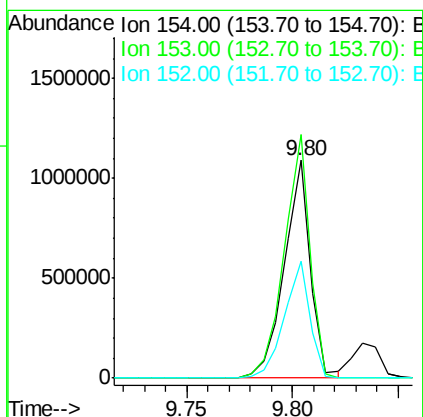
Manual Integrations
APPROVED

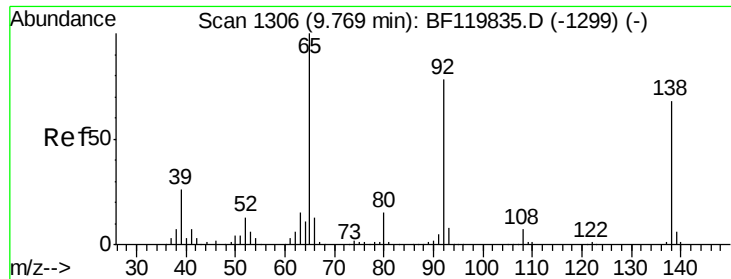
mohammad
4/16/2020 12:52:30 PM



#52
Acenaphthene
Concen: 38.420 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:	154	Resp:	940066
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.8	133.2
152	53.5	42.4	63.6





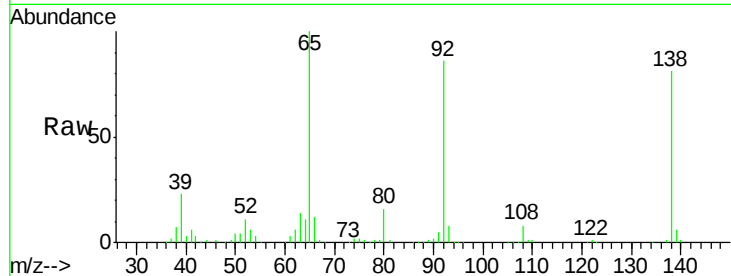
#53
 3-Nitroaniline
 Concen: 26.093 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	187236		
108	10.1	8.0	12.0	
92	106.0	92.1	138.1	

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:30 PM

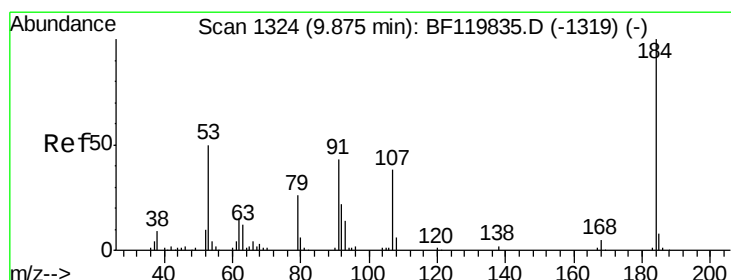
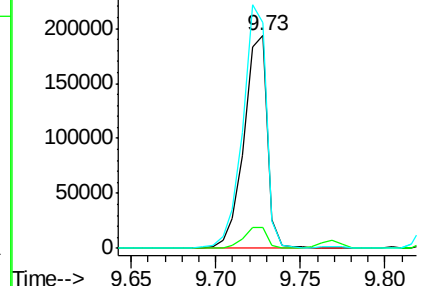
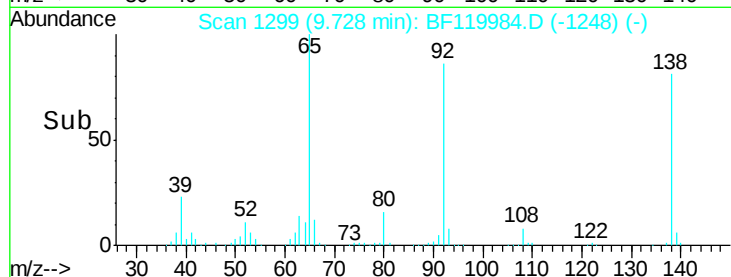


Abundance

Ion 138.00 (137.70 to 138.70): E

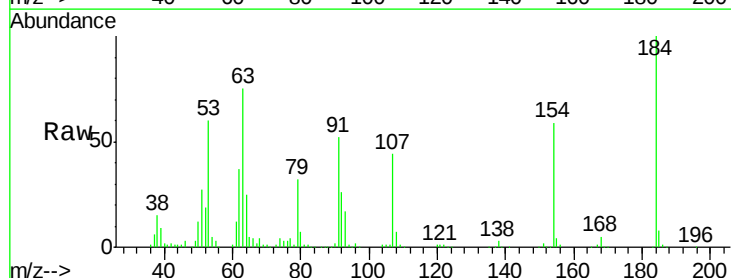
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 83.152 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	312779		
63	75.0	49.8	74.6#	
154	58.8	46.5	69.7	

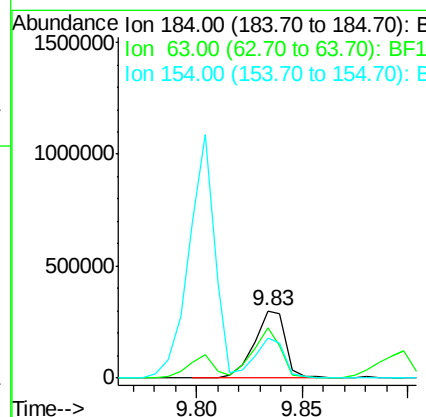
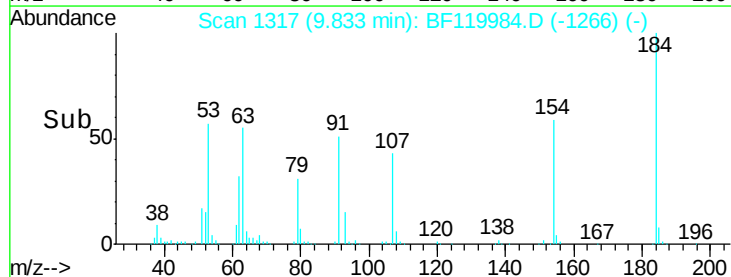


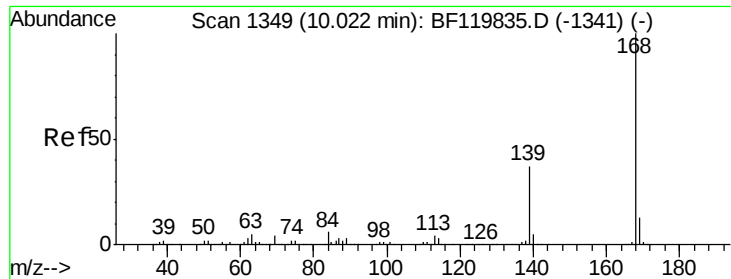
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





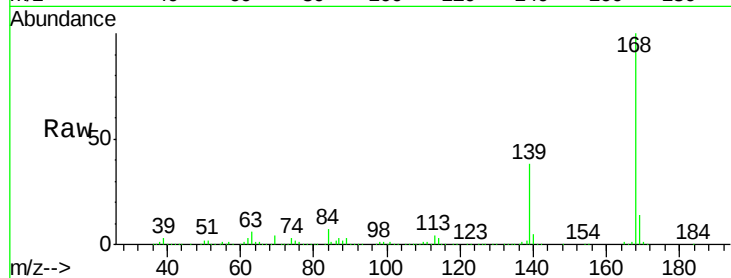
#55
Dibenzofuran
Concen: 42.325 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

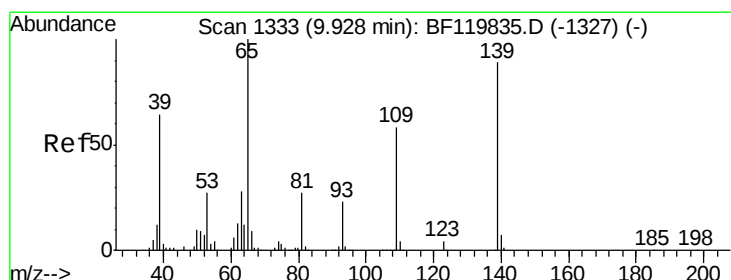
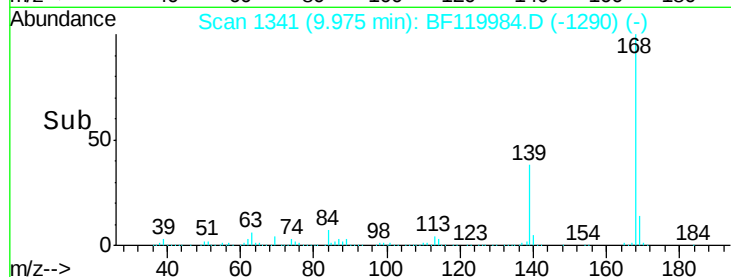
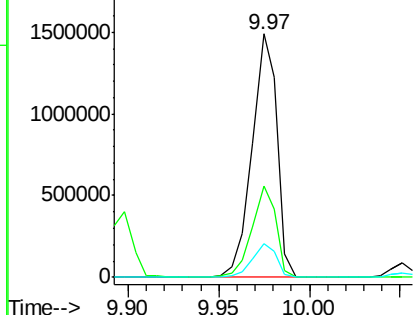
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.8	44.6
169	14.0	10.6	15.8

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM

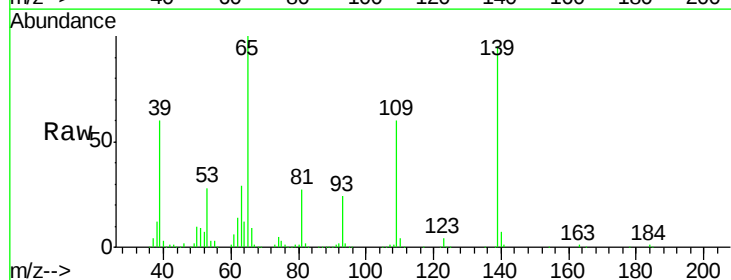


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

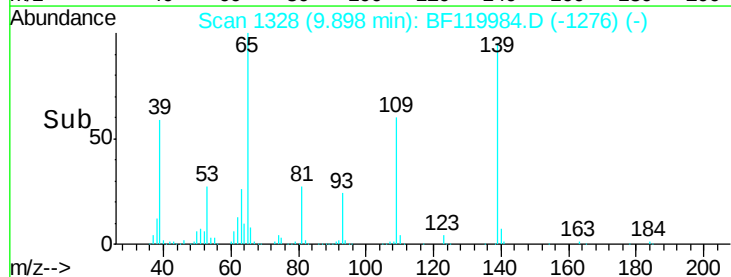
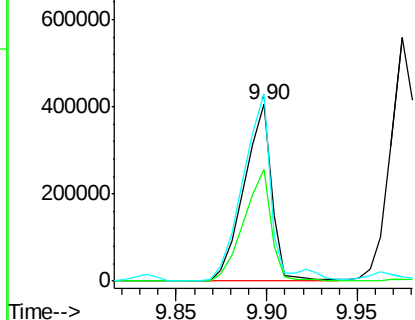


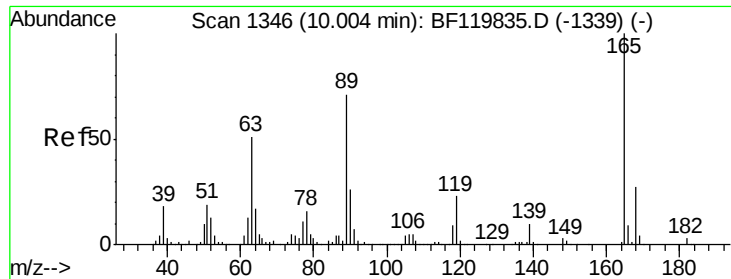
#56
4-Nitrophenol
Concen: 81.080 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.5	45.5	85.5
65	105.7	92.3	132.3



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





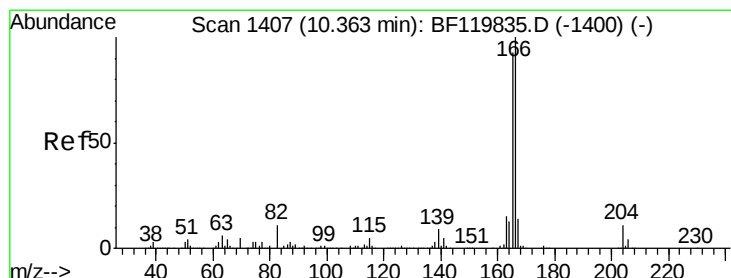
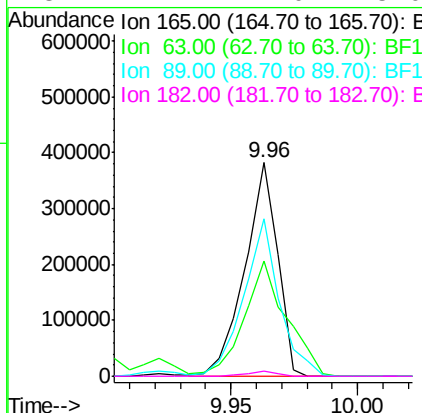
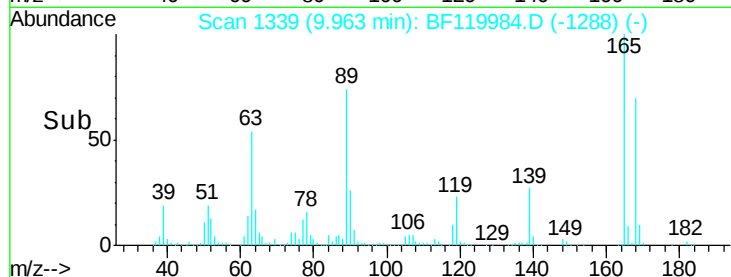
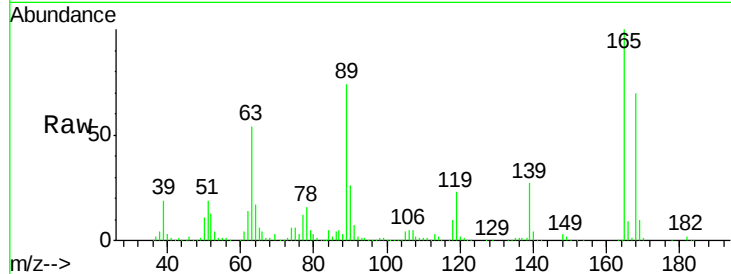
#57
2,4-Dinitrotoluene
Concen: 41.627 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		344574		
63	53.9	40.8	61.2		
89	73.9	56.9	85.3		
182	2.4	2.0	3.0		

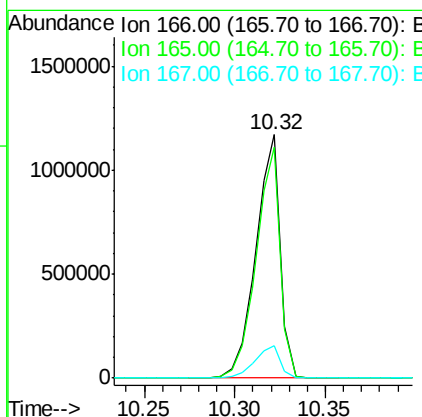
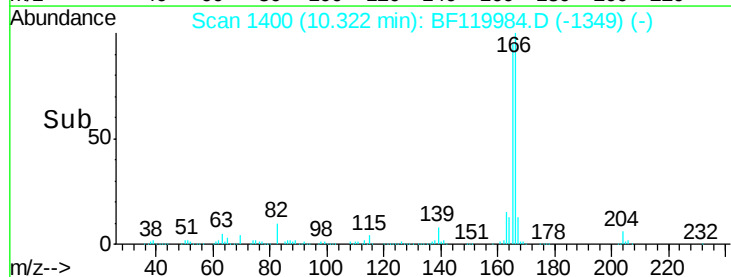
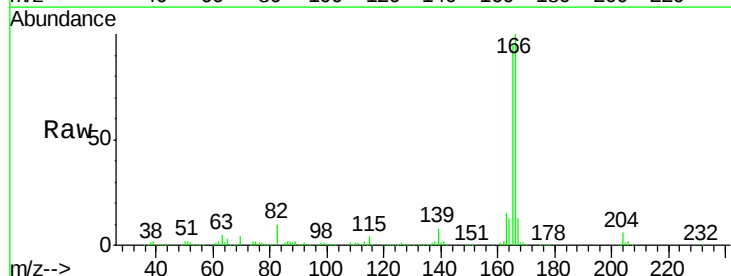
Manual Integrations
APPROVED

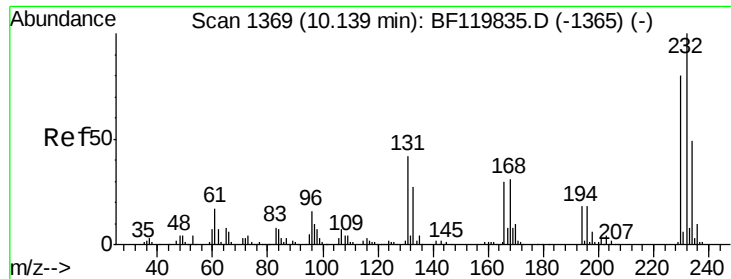
mohammad
4/16/2020 12:52:30 PM



#58
Fluorene
Concen: 40.463 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1086531		
165	95.1	74.2	111.2		
167	13.3	10.8	16.2		





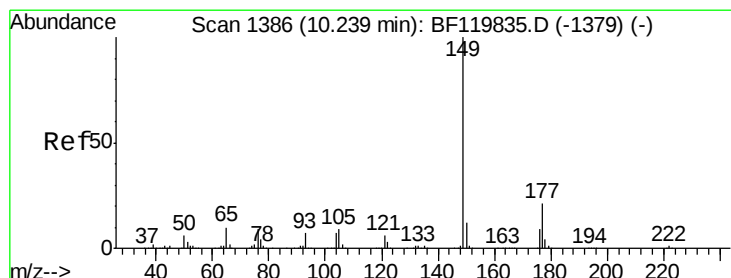
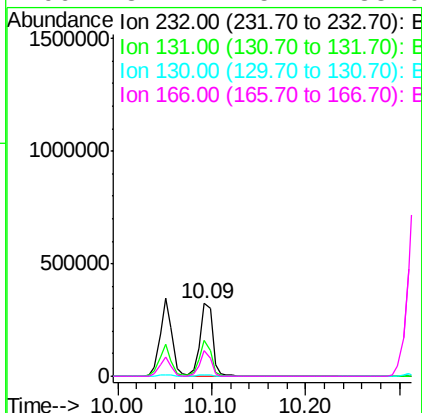
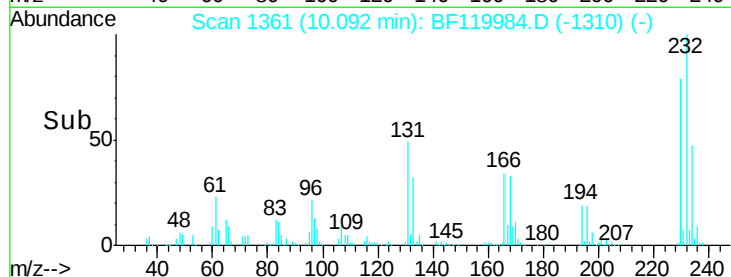
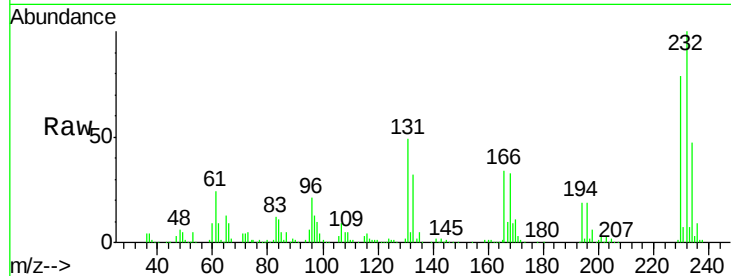
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.713 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.9	56.9
130	2.0	1.8	2.6
166	31.2	25.4	38.0

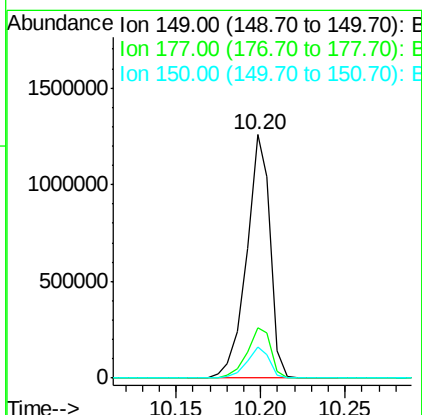
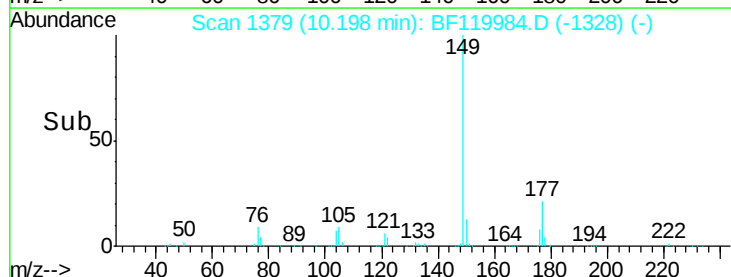
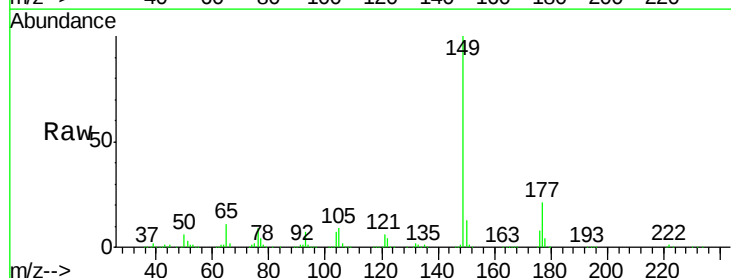
Manual Integrations
APPROVED

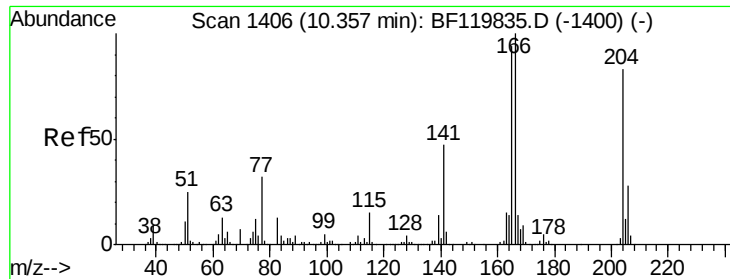
mohammad
4/16/2020 12:52:30 PM



#60
Diethylphthalate
Concen: 41.072 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.8	25.2
150	12.8	9.8	14.6





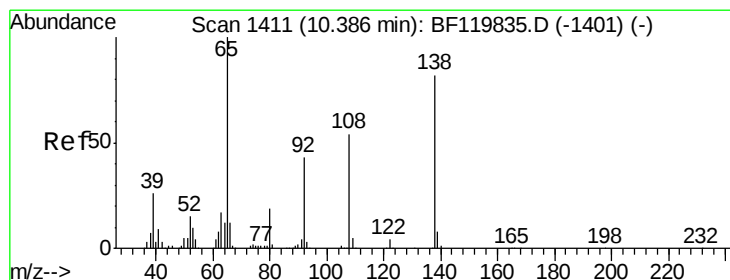
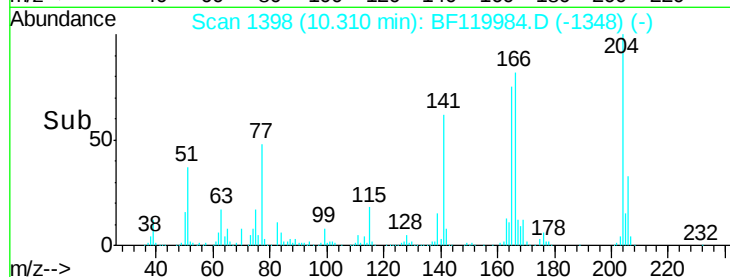
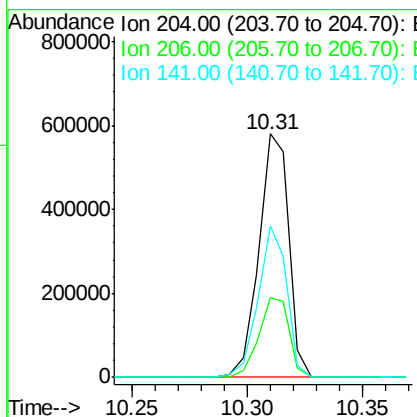
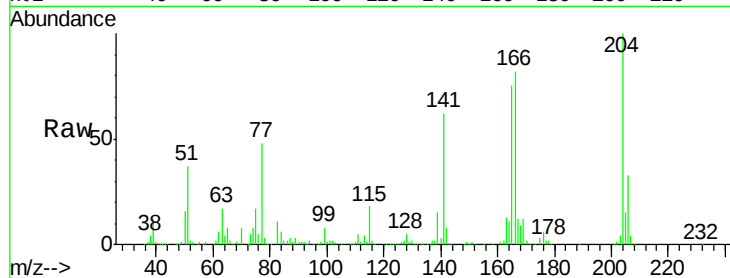
#61
 4-Chlorophenyl-phenylether
 Concen: 38.038 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion:	204	Resp:	523512
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.7	40.1
141	62.3	45.8	68.8

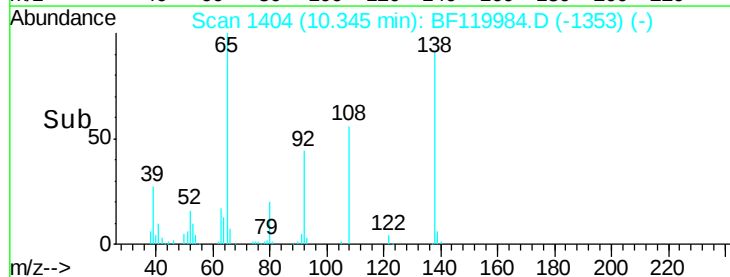
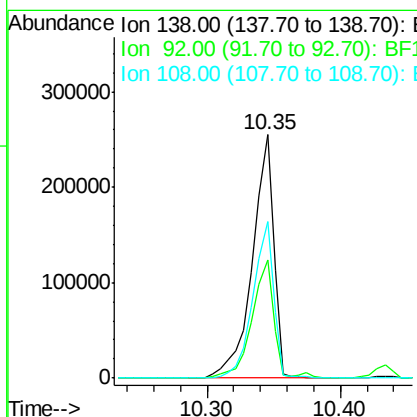
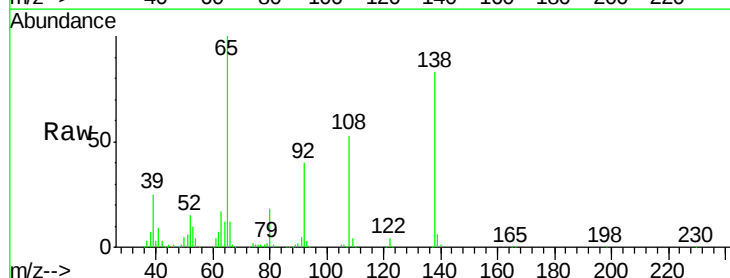
Manual Integrations
 APPROVED

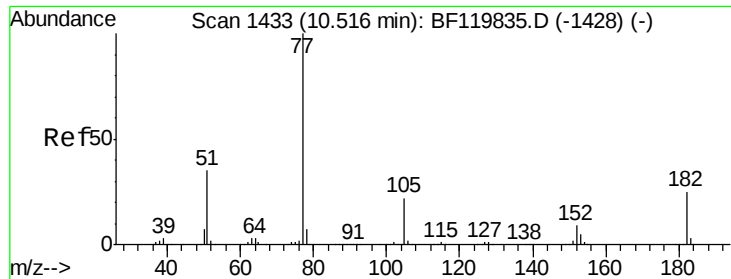
mohammad
 4/16/2020 12:52:30 PM



#62
 4-Nitroaniline
 Concen: 40.876 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:	138	Resp:	279526
Ion Ratio	Lower	Upper	
138	100		
92	48.5	31.6	71.6
108	64.2	45.2	85.2





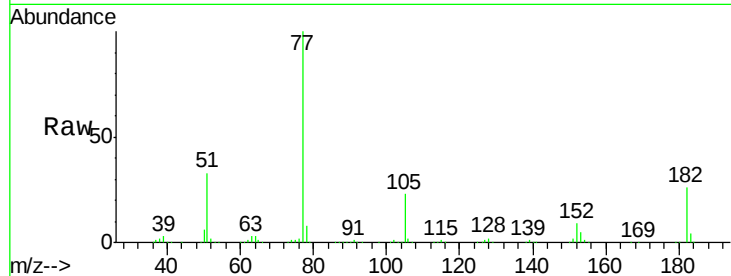
#63
Azobenzene
Concen: 43.087 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	4.5	44.5	
105	23.1	2.2	42.2	
51	32.7	15.1	55.1	

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



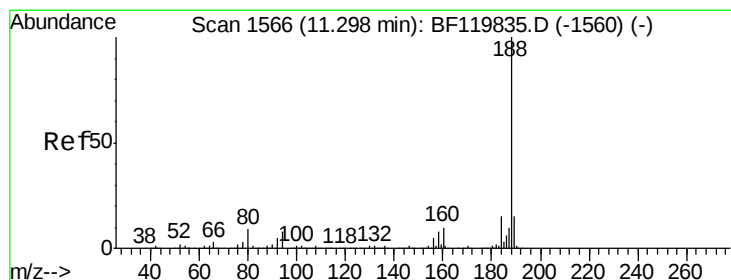
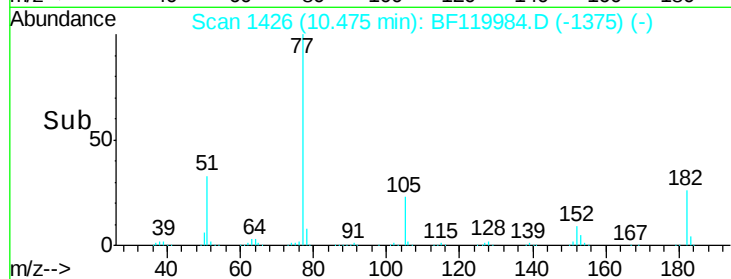
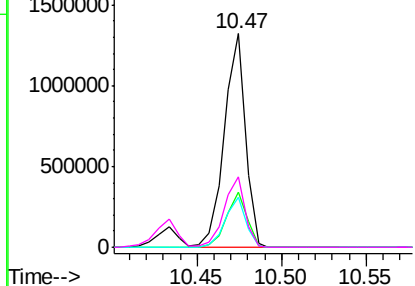
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

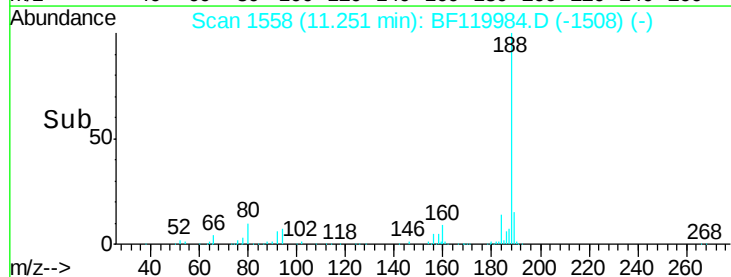
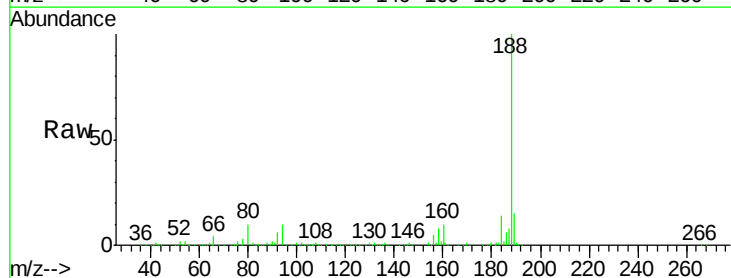
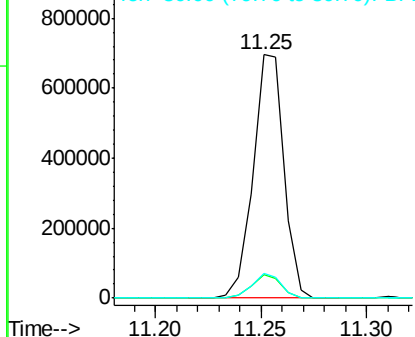
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	6.7	10.1	
80	10.1	7.4	11.2	

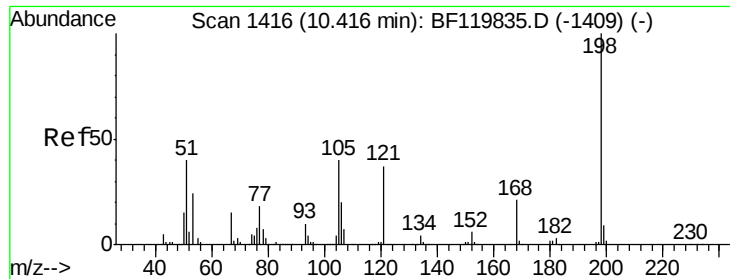
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





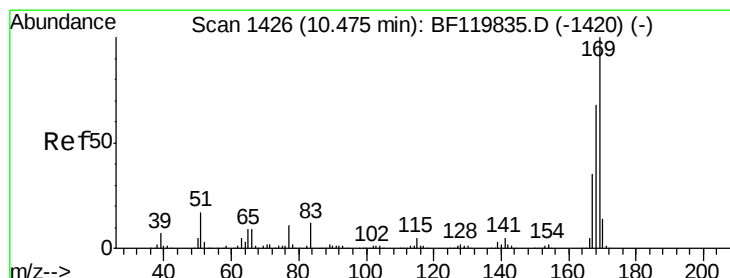
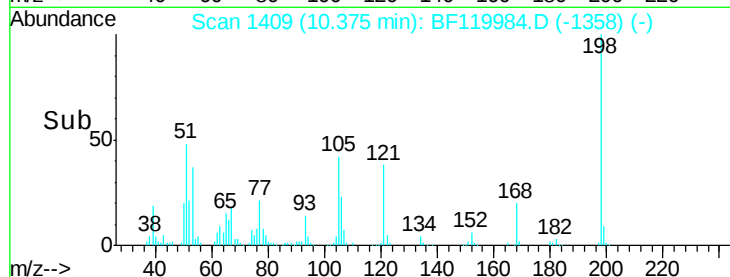
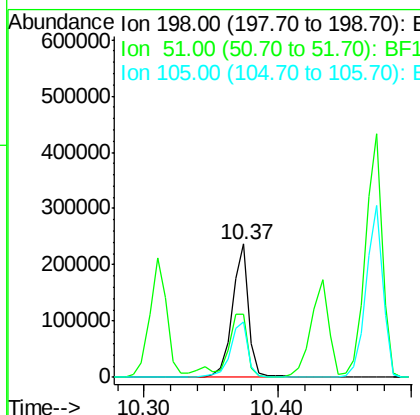
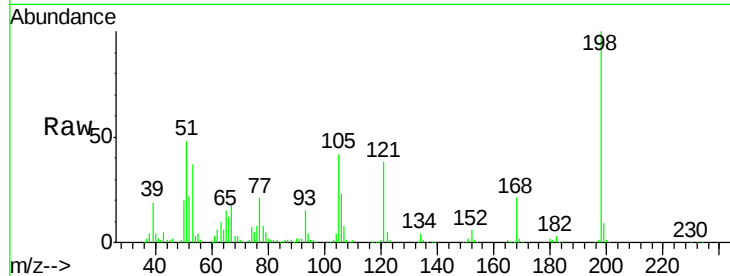
#65
4,6-Dinitro-2-methylphenol
Concen: 43.818 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	203406		
51	47.9	25.2	65.2	
105	41.7	20.8	60.8	

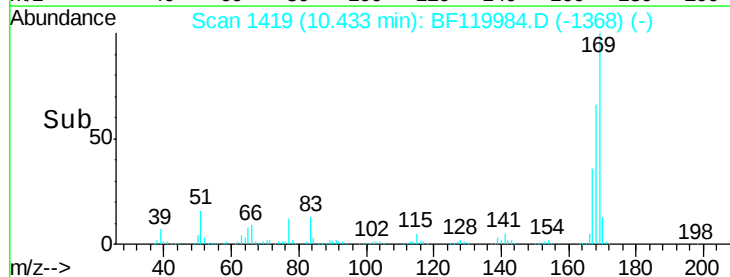
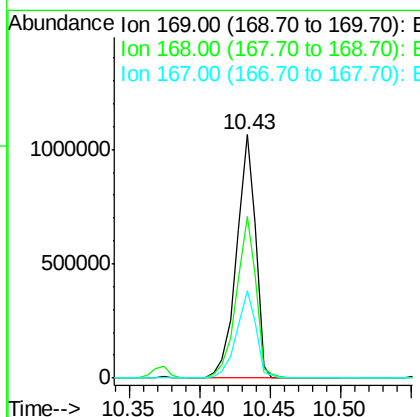
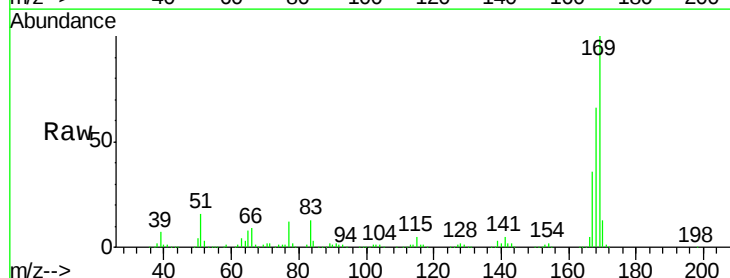
Manual Integrations
APPROVED

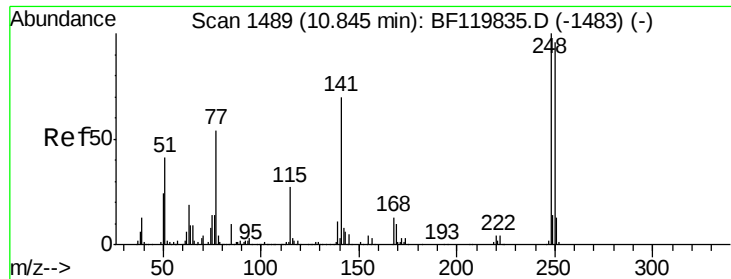
mohammad
4/16/2020 12:52:30 PM



#66
n-Nitrosodiphenylamine
Concen: 42.490 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	995701		
168	66.4	54.2	81.4	
167	35.8	28.3	42.5	





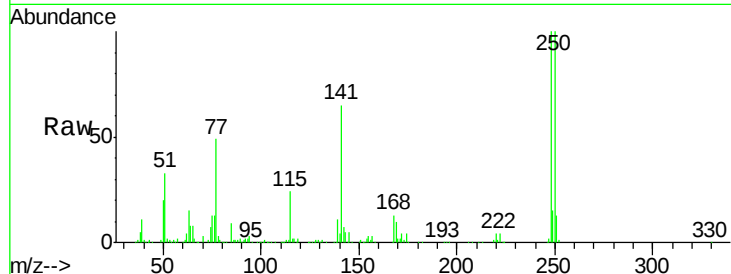
#67
4-Bromophenyl-phenylether
Concen: 37.855 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.9	76.6	114.8	
141	65.4	55.9	83.9	

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM

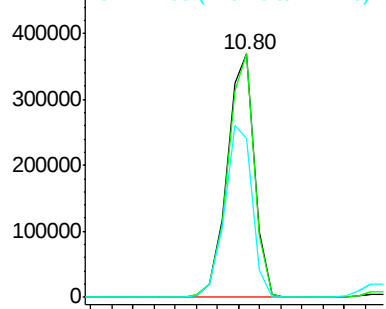


Abundance

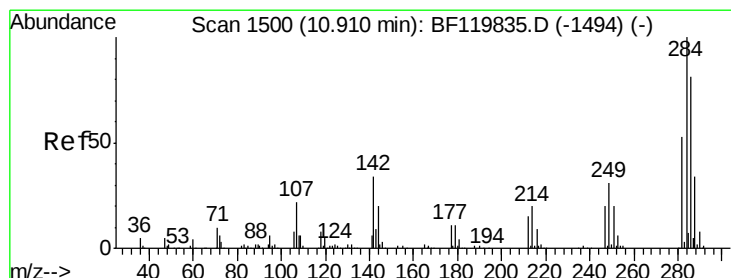
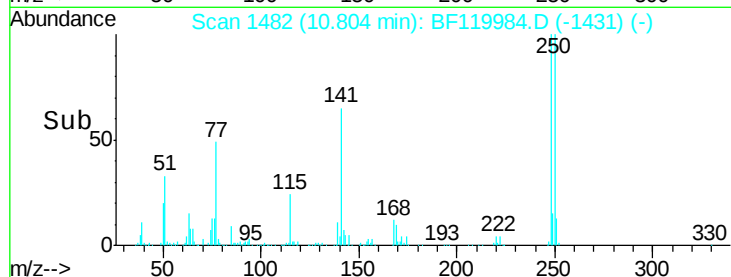
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#68
Hexachlorobenzene
Concen: 39.975 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

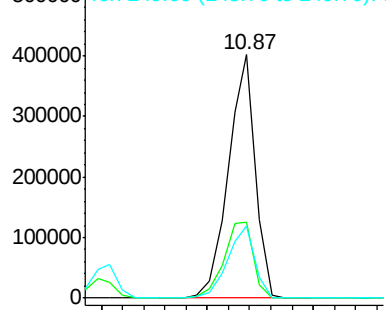
Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.0	26.9	40.3	
249	29.7	24.6	37.0	

Abundance

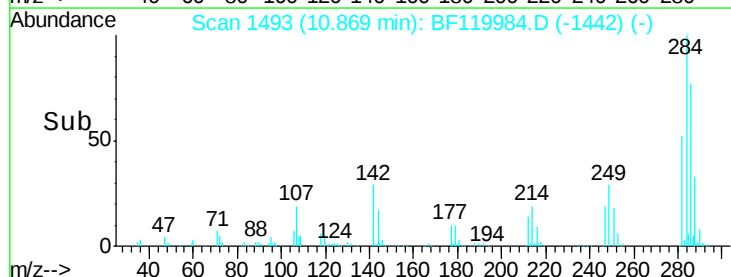
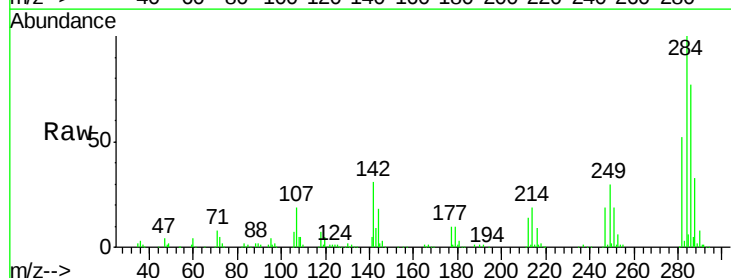
Ion 283.80 (283.50 to 284.50): E

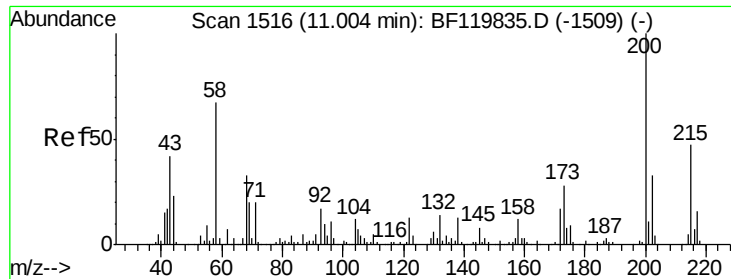
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





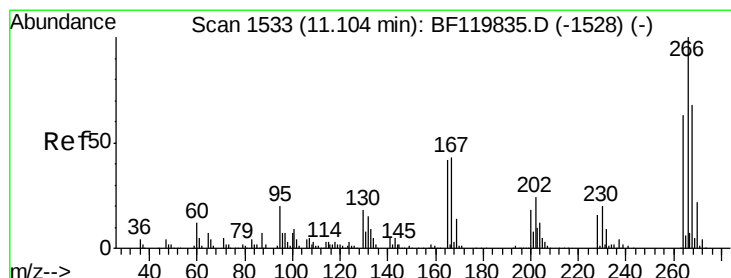
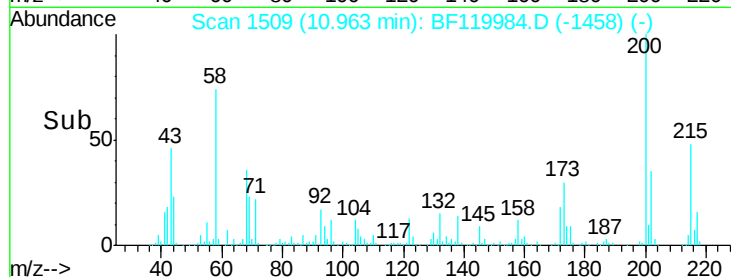
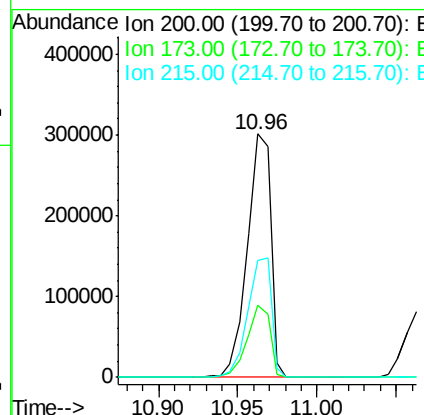
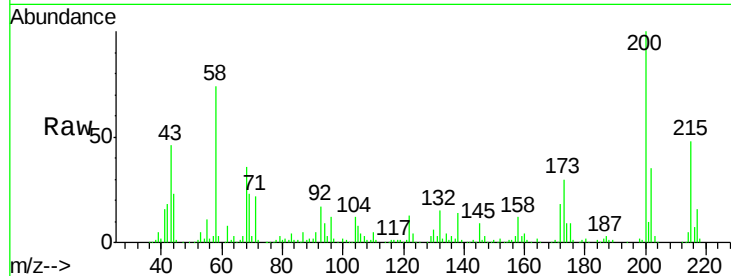
#69
 Atrazine
 Concen: 47.361 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.5	8.0	48.0
215	48.3	27.1	67.1

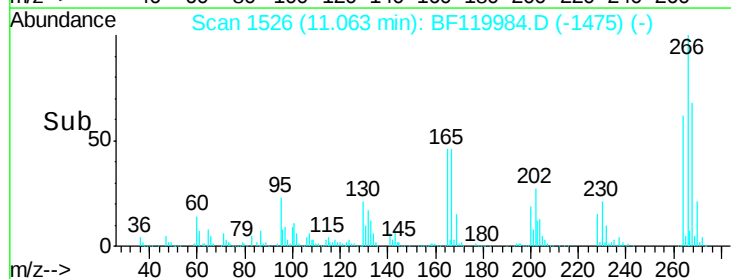
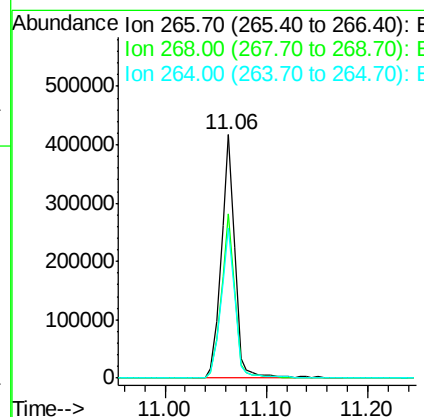
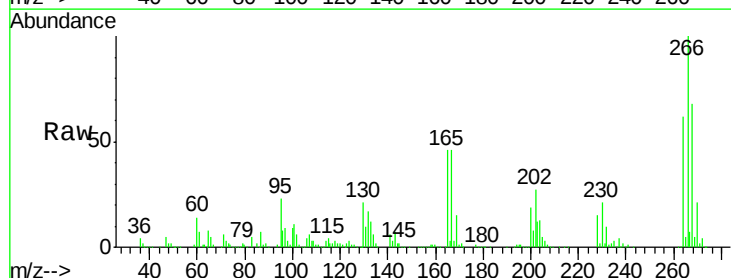
Manual Integrations
 APPROVED

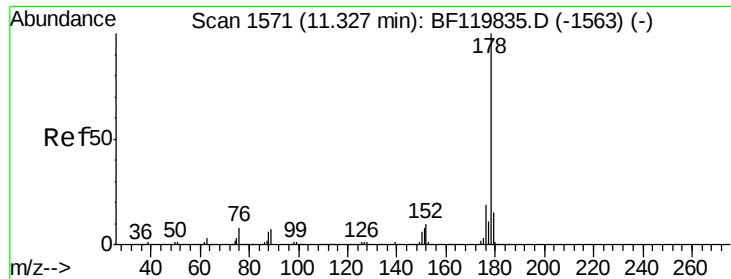
mohammad
 4/16/2020 12:52:30 PM



#70
 Pentachlorophenol
 Concen: 76.395 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.7	54.2	81.4
264	61.7	50.6	76.0





#71

Phenanthrene

Concen: 42.368 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion:178 Resp: 1588818

Ion Ratio Lower Upper

178 100

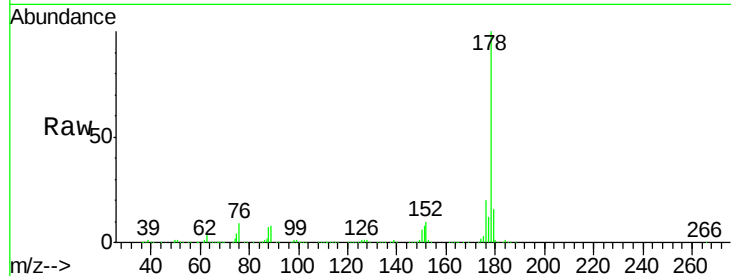
176 20.1 15.1 22.7

179 16.4 12.2 18.4

Manual Integrations
APPROVED

mohammad

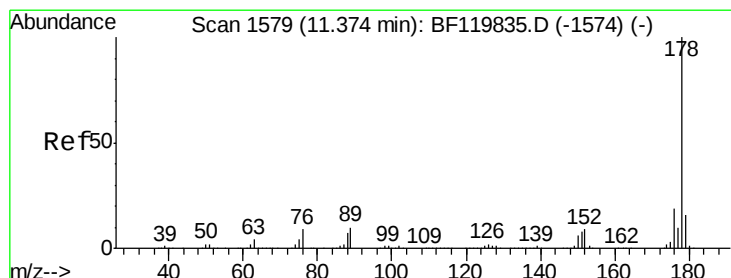
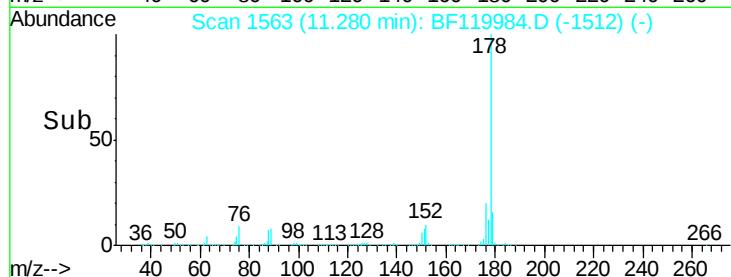
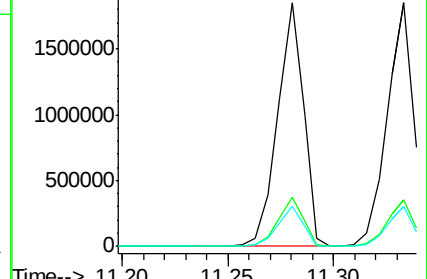
4/16/2020 12:52:30 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.200 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion:178 Resp: 1616644

Ion Ratio Lower Upper

178 100

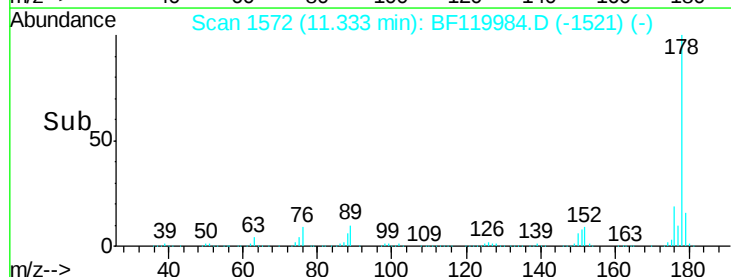
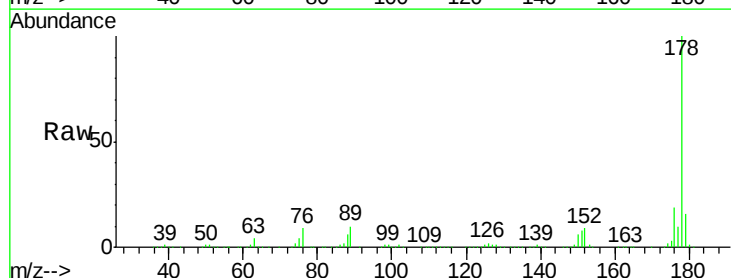
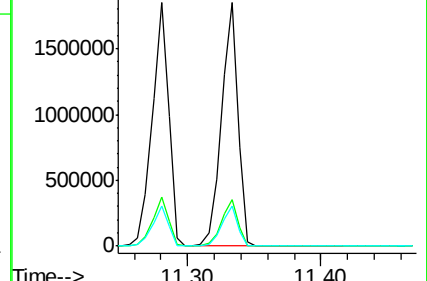
176 19.3 15.4 23.2

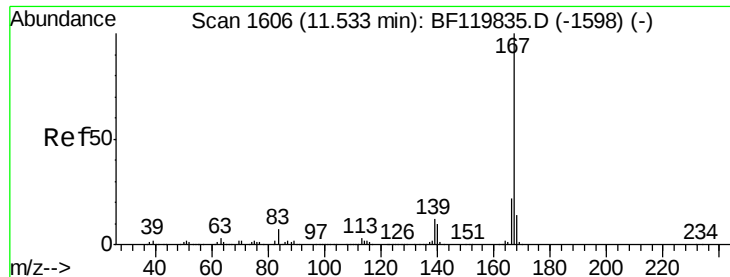
179 16.3 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





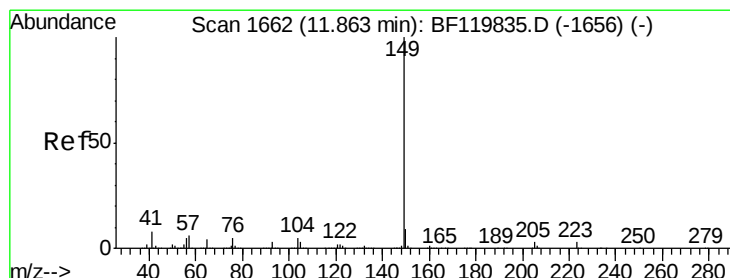
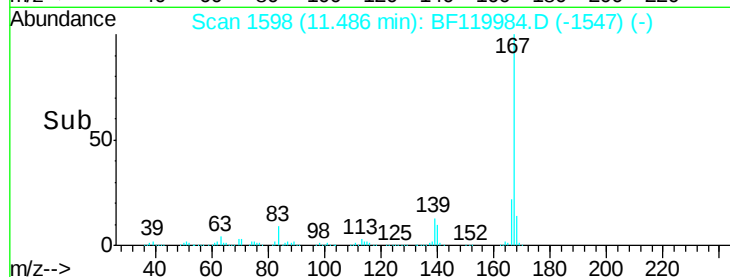
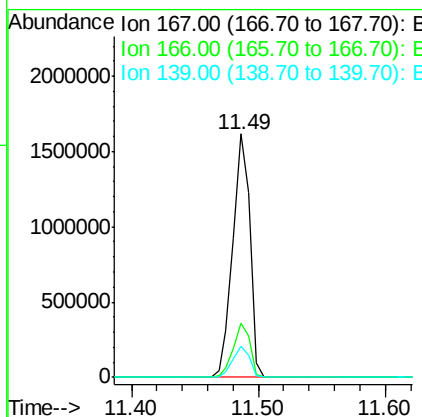
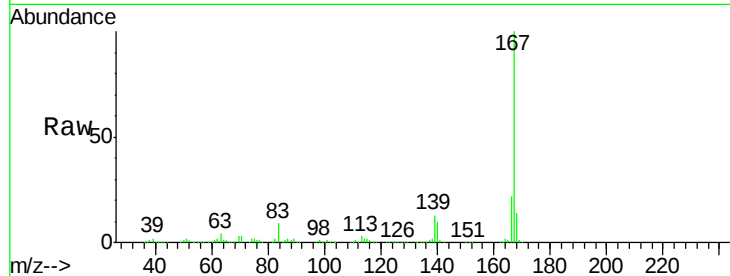
#73
 Carbazole
 Concen: 41.293 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion:167 Resp: 1495944
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.1 9.8 14.8

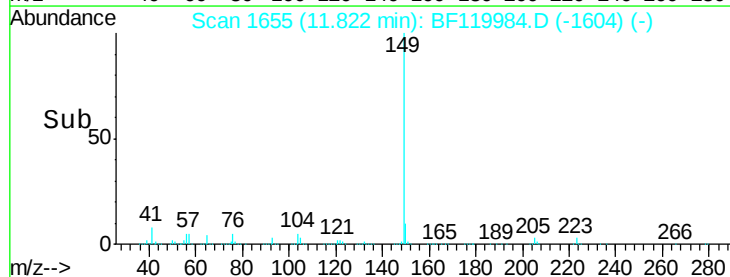
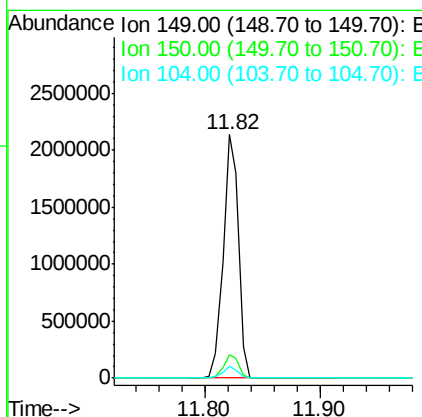
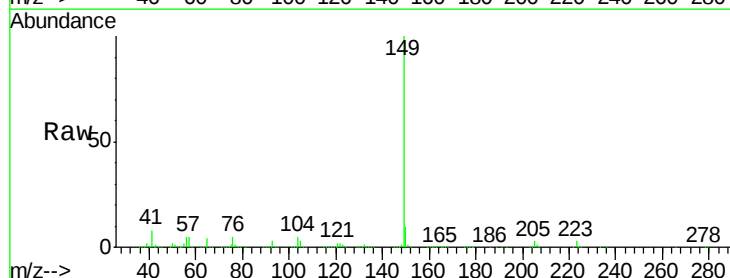
Manual Integrations
 APPROVED

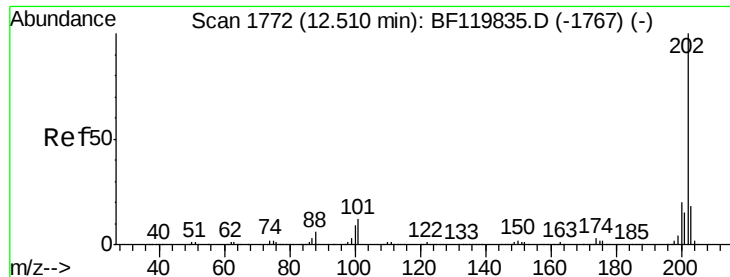
mohammad
 4/16/2020 12:52:30 PM



#74
 Di-n-butylphthalate
 Concen: 40.566 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:149 Resp: 1931963
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 42.333 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

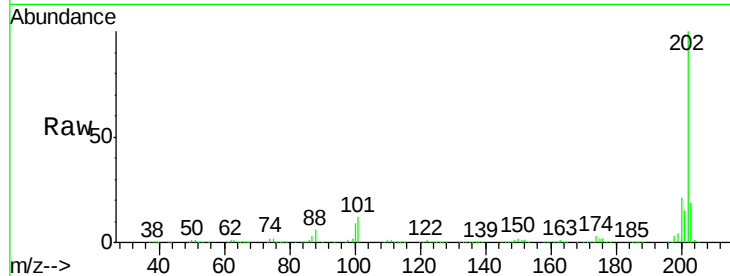
ClientSampleId :

PB128214BS

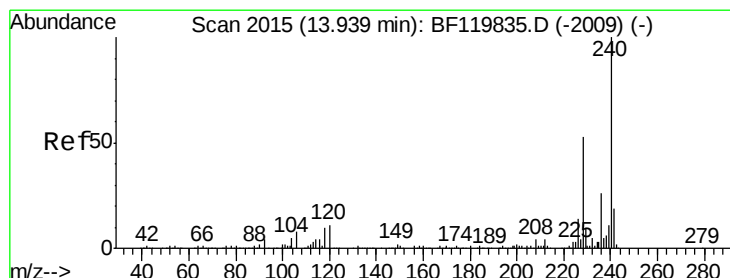
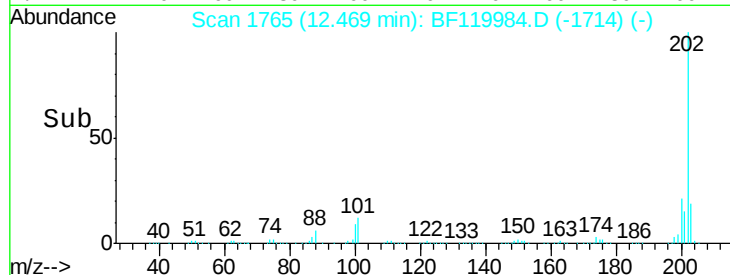
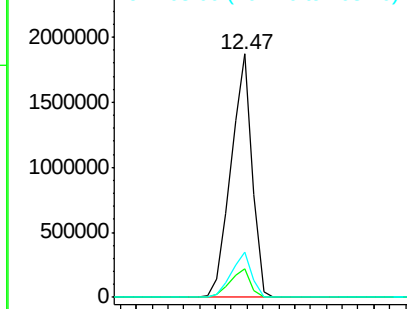
Tot Ion:	202	Resp:	1712884
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.3
203	18.6	0.0	37.6

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

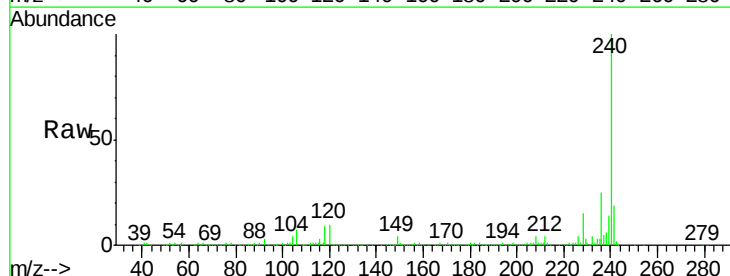
RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

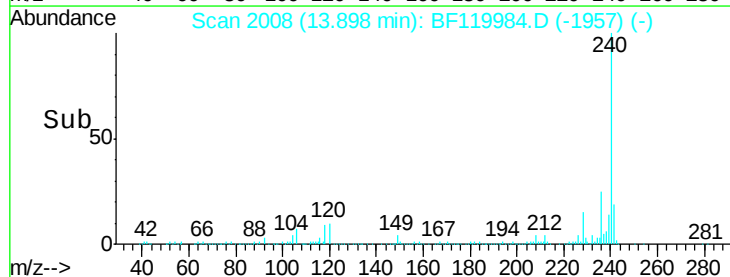
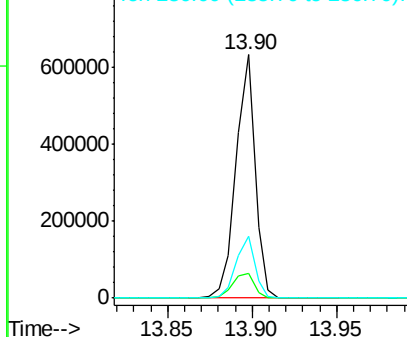
Lab File: BF119984.D

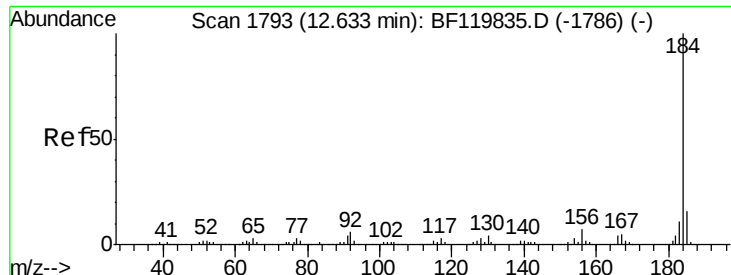
Acq: 15 Apr 2020 10:58

Tgt Ion:	240	Resp:	498988
Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.5	20.7	31.1



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





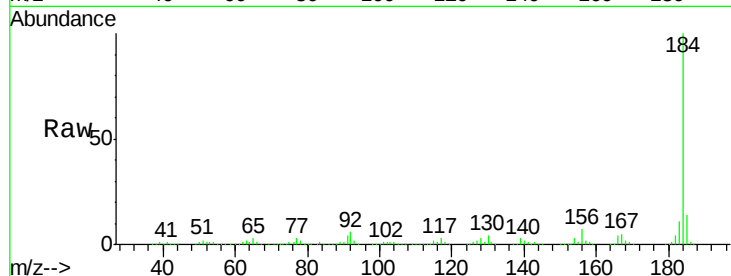
#77
Benzidine
Concen: 53.077 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

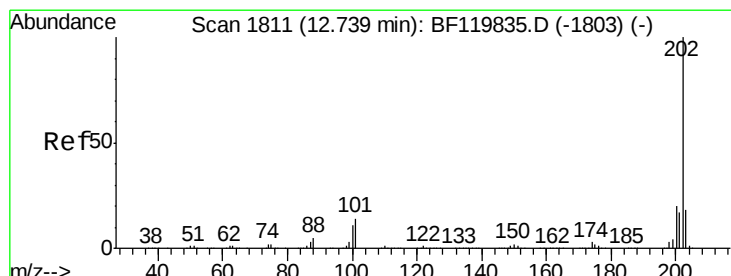
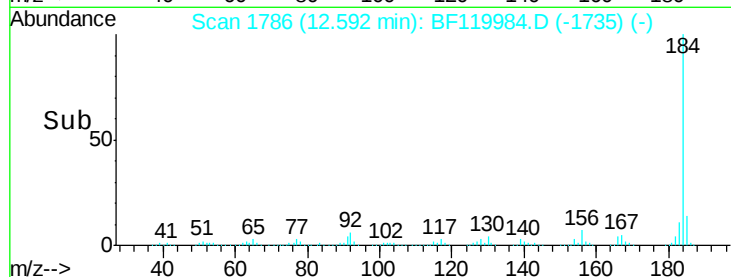
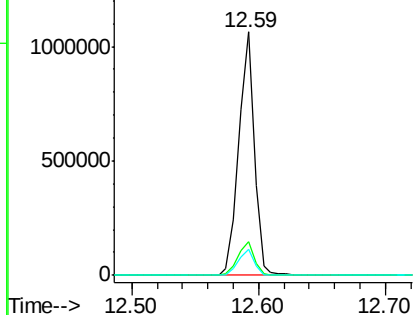
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	13.2	19.8
183	10.5	9.1	13.7

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



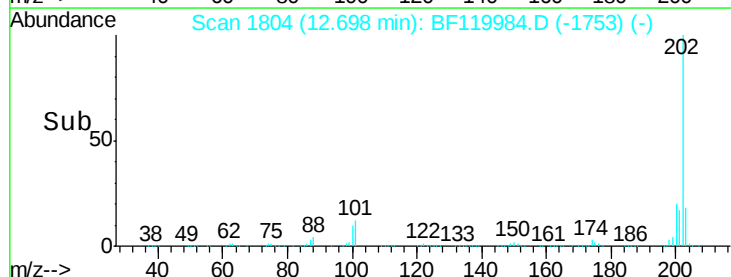
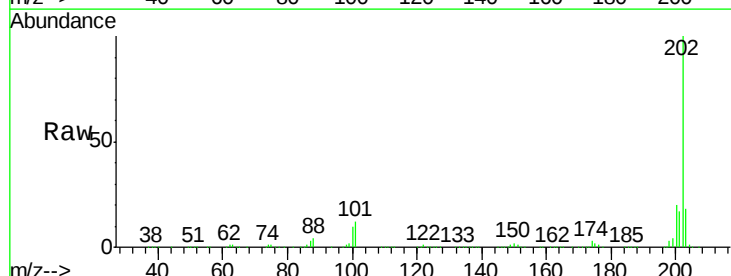
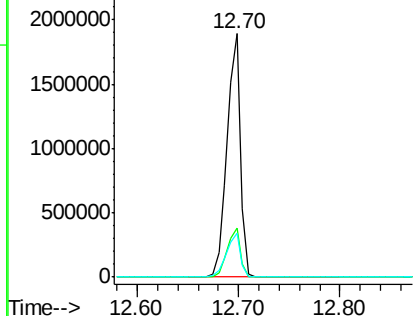
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

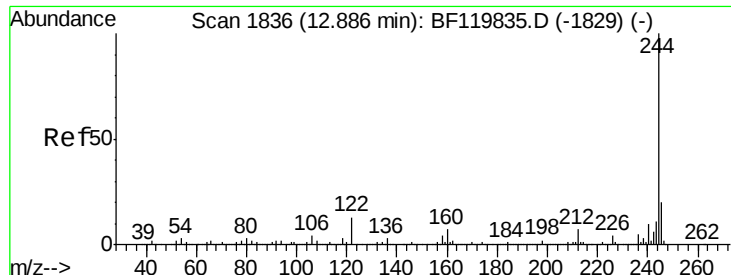


#78
Pyrene
Concen: 41.105 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.0	14.1	21.1

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: 76.242 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampled :

PB128214BS

Tot Ion:244 Resp: 2260953

Ion Ratio Lower Upper

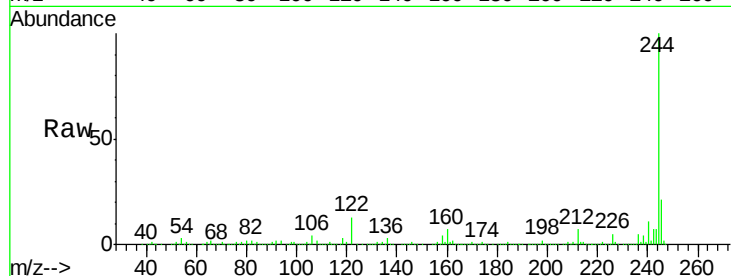
244 100

212 7.0 5.4 8.0

122 13.1 10.3 15.5

Manual Integrations
APPROVED

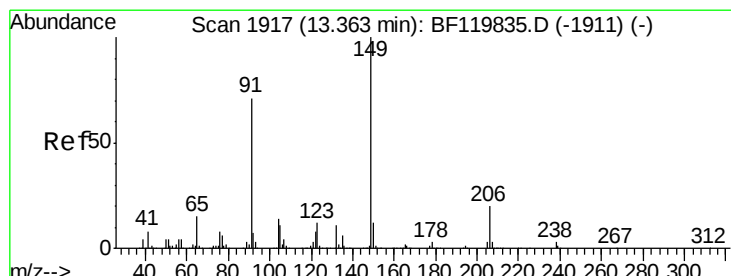
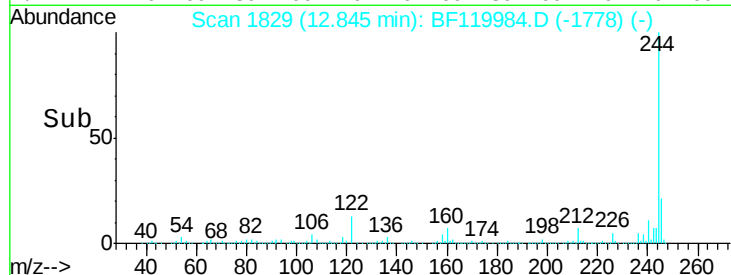
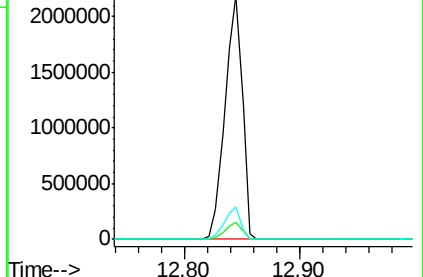
mohammad
4/16/2020 12:52:30 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.048 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

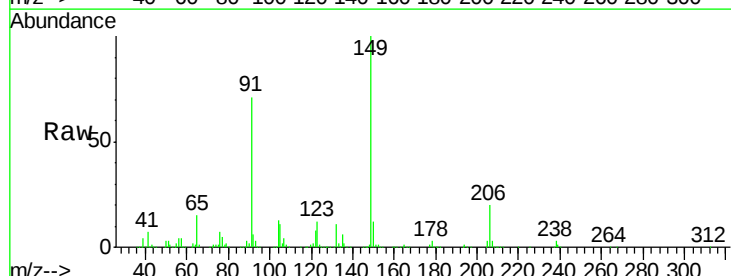
Tgt Ion:149 Resp: 797042

Ion Ratio Lower Upper

149 100

91 71.1 56.7 85.1

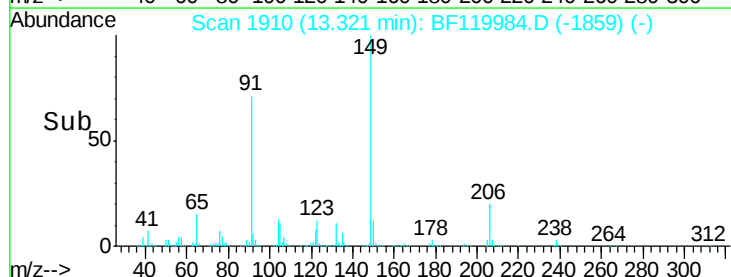
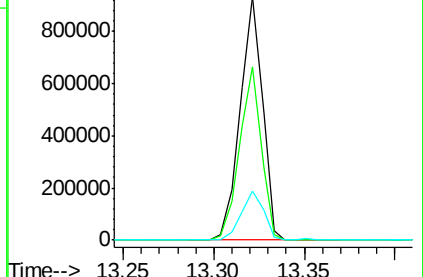
206 20.4 15.7 23.5

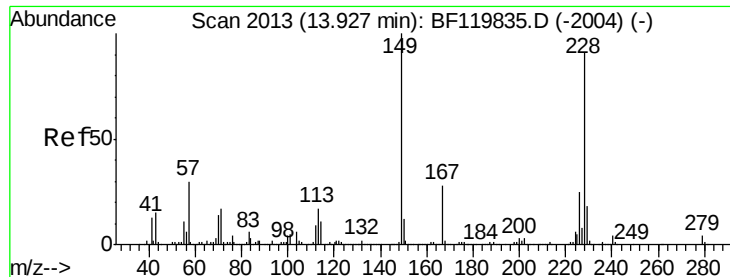


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.568 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion:228 Resp: 1364543

Ion Ratio Lower Upper

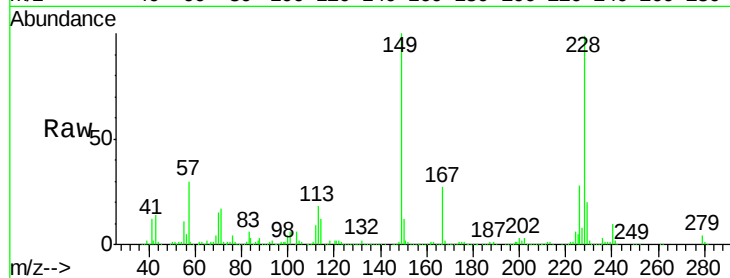
228 100

226 27.9 21.9 32.9

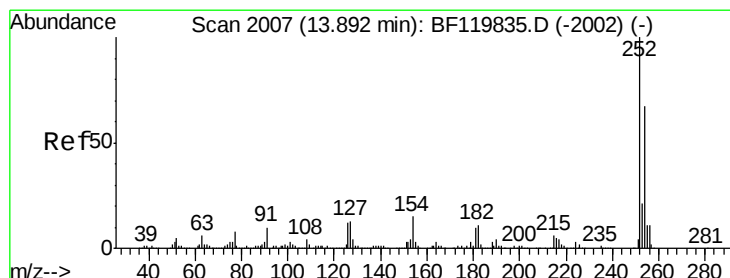
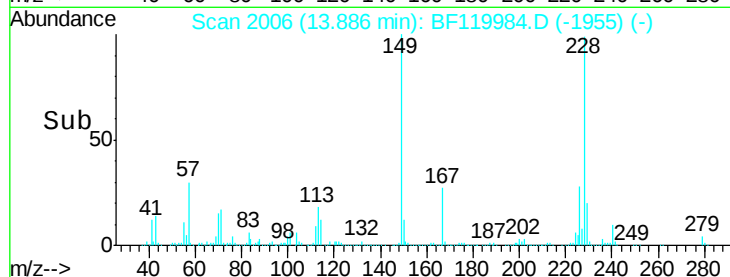
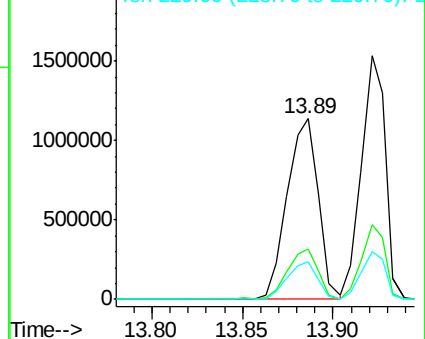
229 20.5 15.9 23.9

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 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: 27.604 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

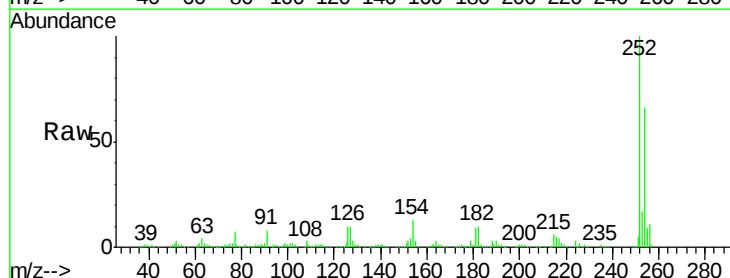
Tgt Ion:252 Resp: 338099

Ion Ratio Lower Upper

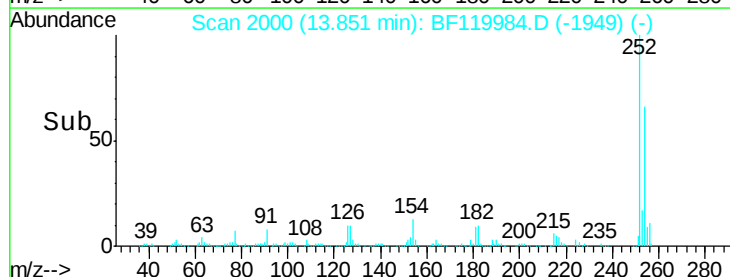
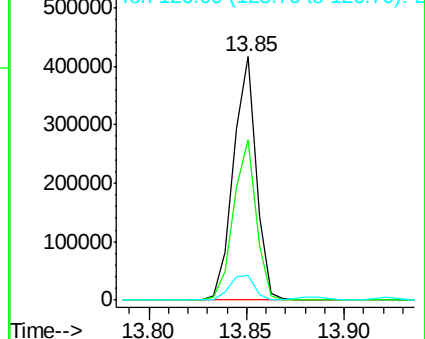
252 100

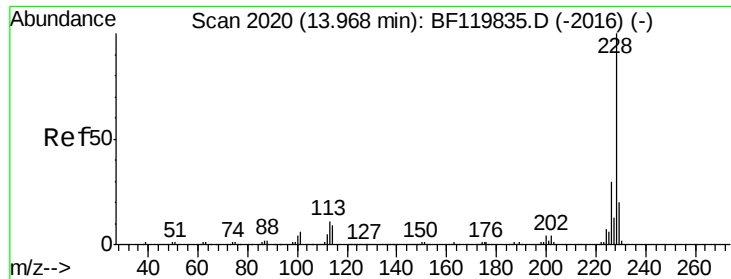
254 66.0 53.9 80.9

126 10.2 9.7 14.5



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





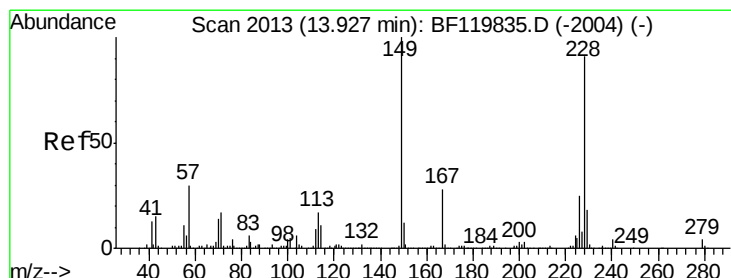
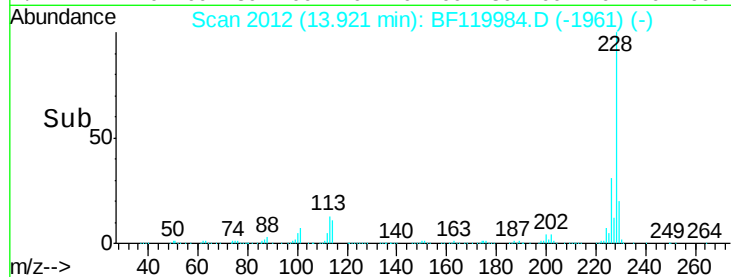
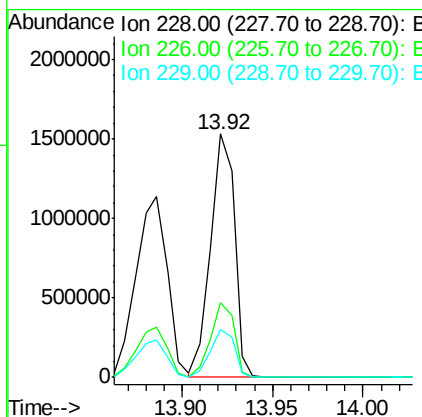
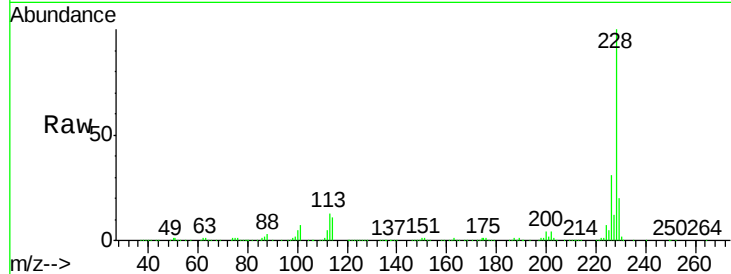
#83
 Chrvsene
 Concen: 42.299 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.8	24.2	36.2	
229	19.9	15.9	23.9	

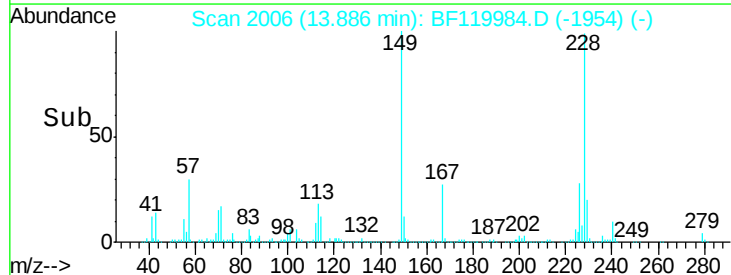
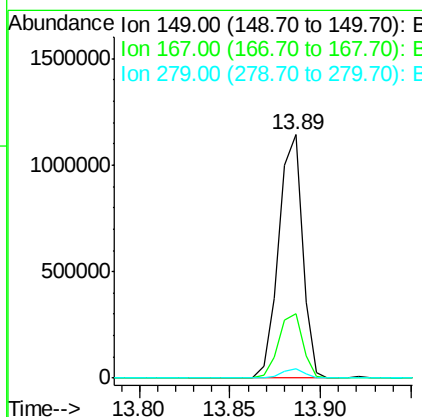
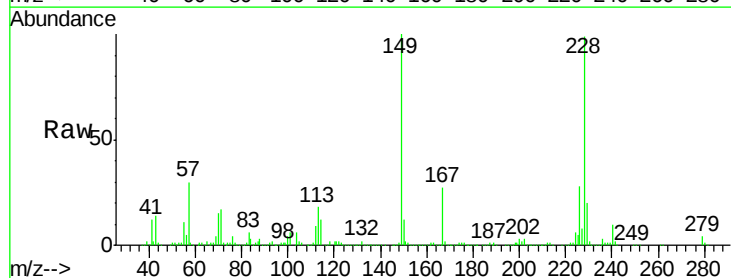
Manual Integrations
 APPROVED

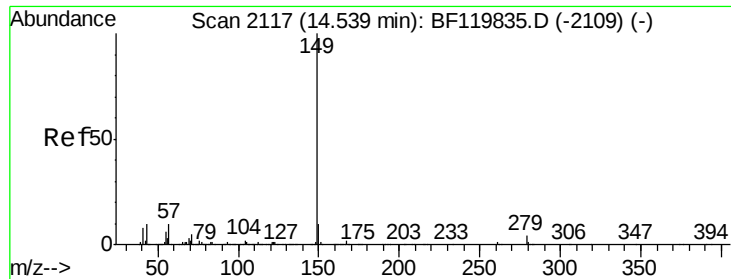
mohammad
 4/16/2020 12:52:30 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.855 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	26.7	22.2	33.2	
279	3.9	3.4	5.0	





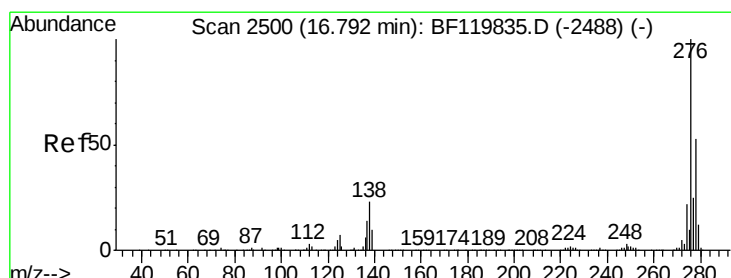
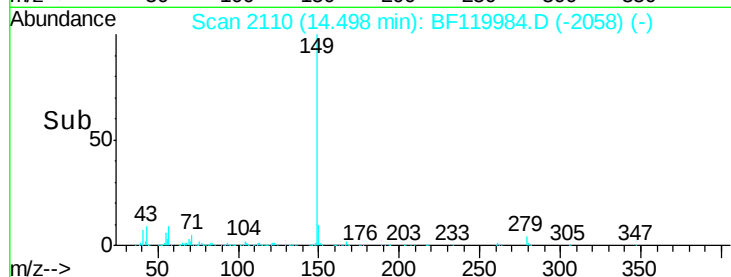
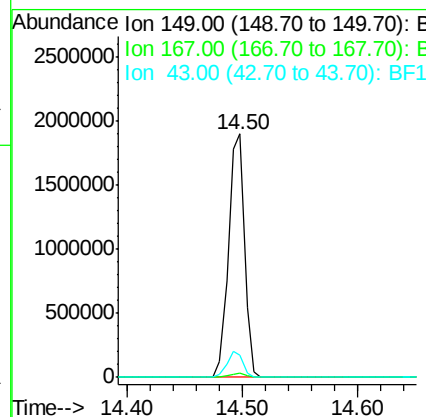
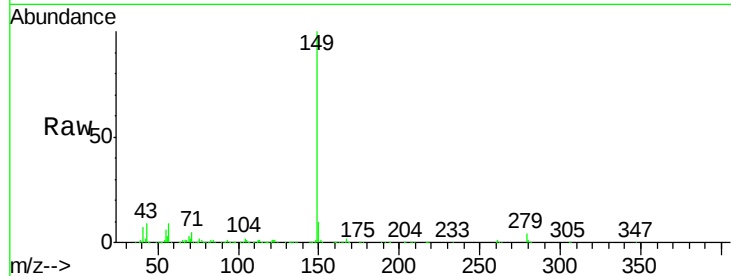
#85
Di-n-octyl phthalate
Concen: 38.857 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	9.2	13.8

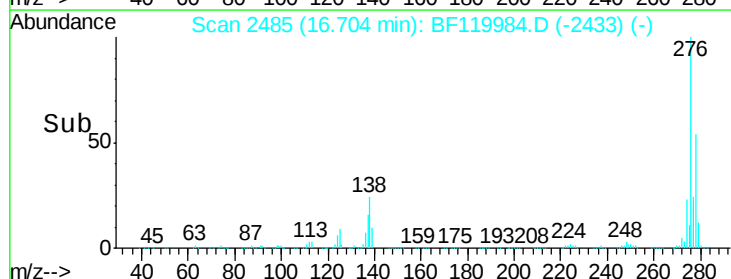
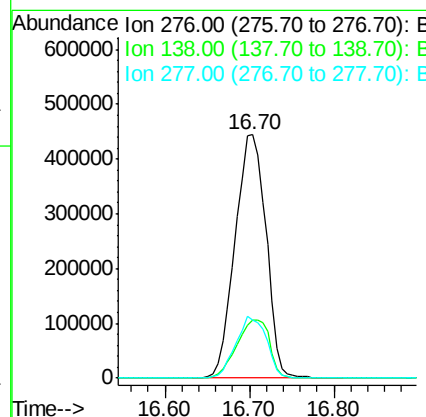
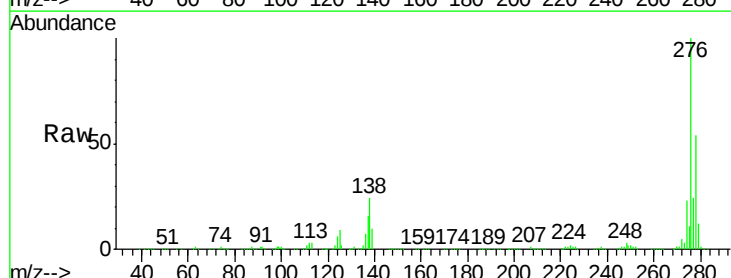
Manual Integrations
APPROVED

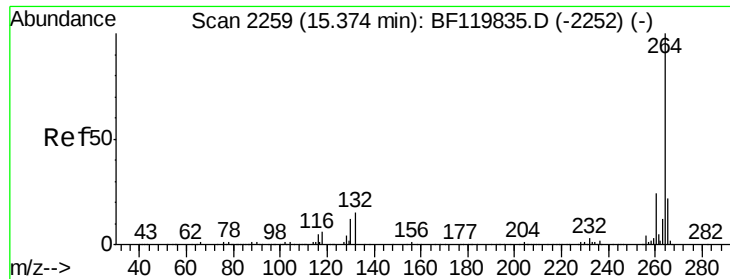
mohammad
4/16/2020 12:52:30 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.328 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.0	27.0
277	25.1	20.1	30.1





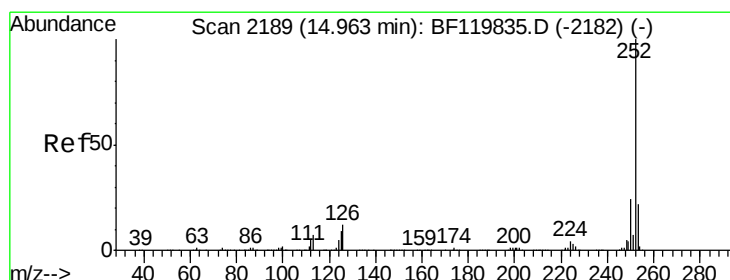
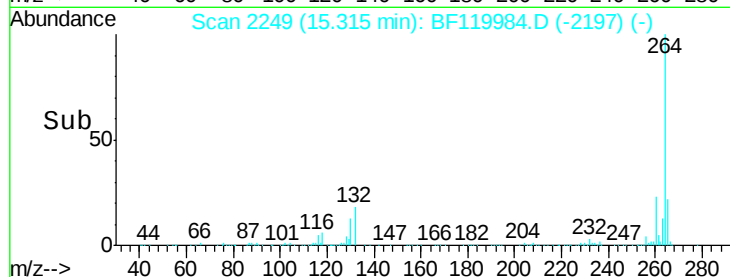
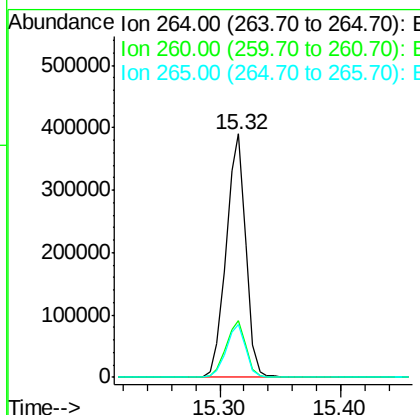
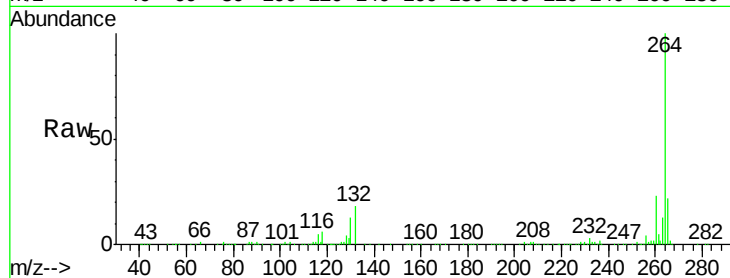
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.9	17.6	26.4

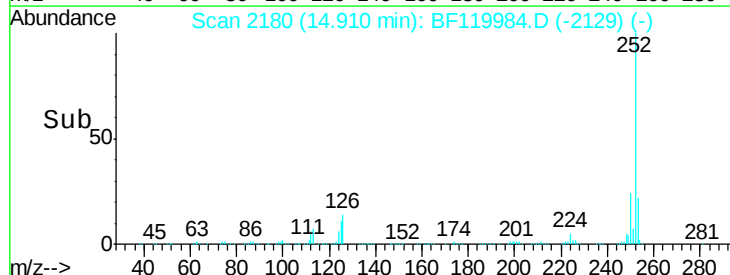
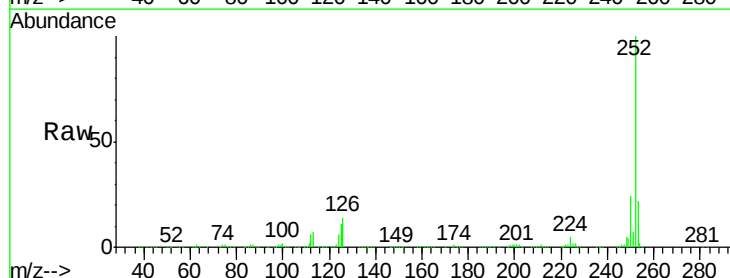
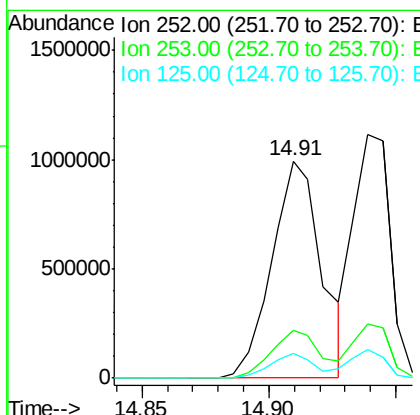
Manual Integrations
APPROVED

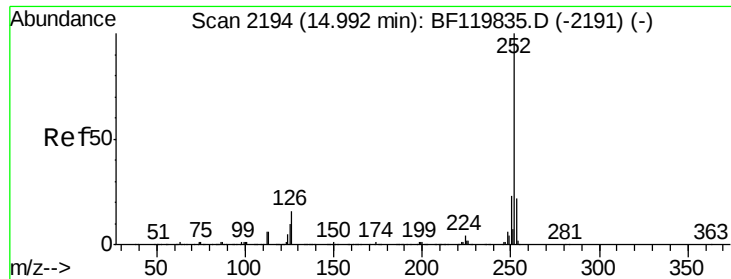
mohammad
4/16/2020 12:52:30 PM



#88
Benzo(b)fluoranthene
Concen: 43.492 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.2	7.4	11.2#





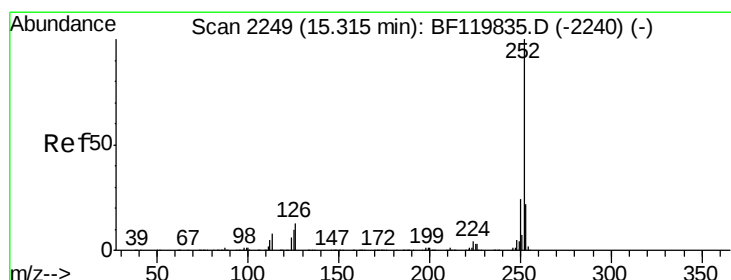
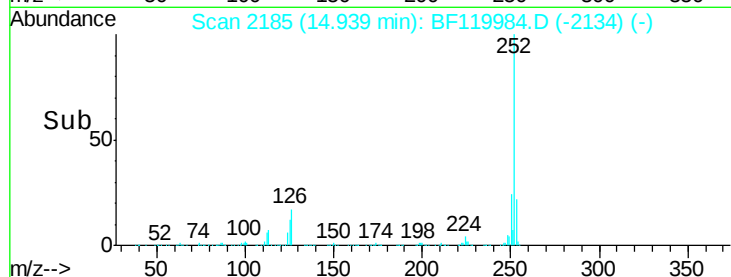
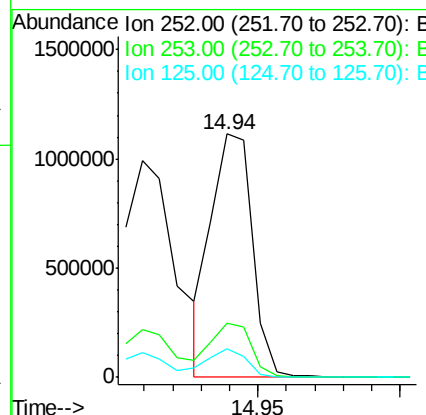
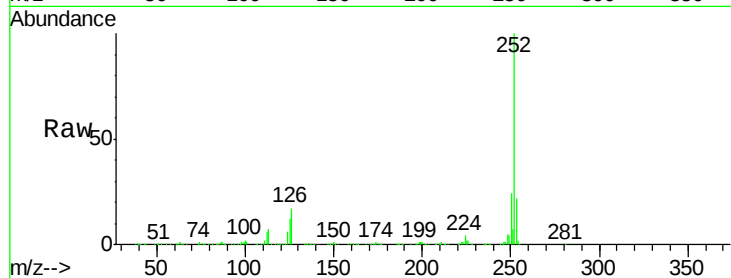
#89
Benzo(k)fluoranthene
Concen: 41.812 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampled :
PB128214BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.9	7.7	11.5

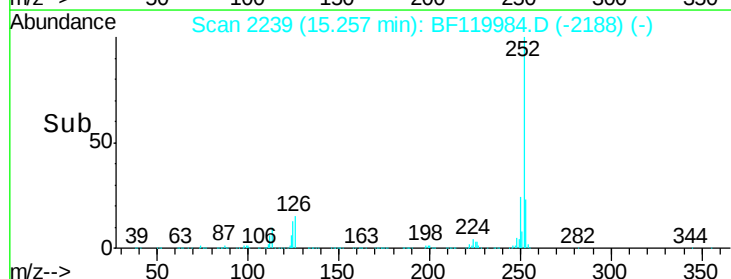
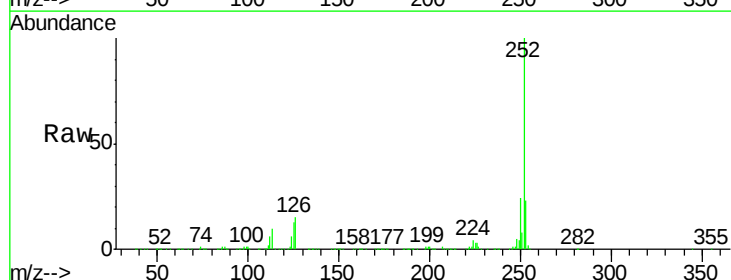
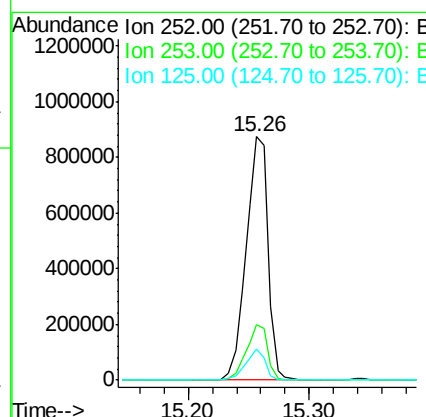
Manual Integrations
APPROVED

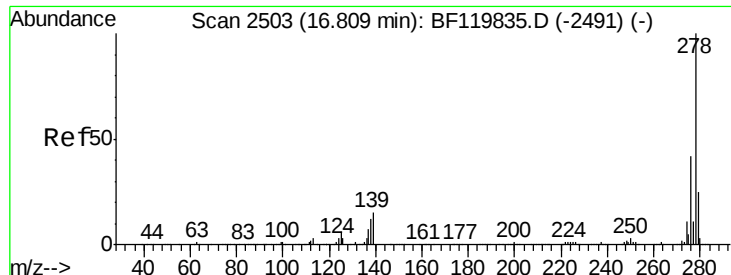
mohammad
4/16/2020 12:52:30 PM



#90
Benzo(a)pyrene
Concen: 42.067 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.8	8.3	12.5





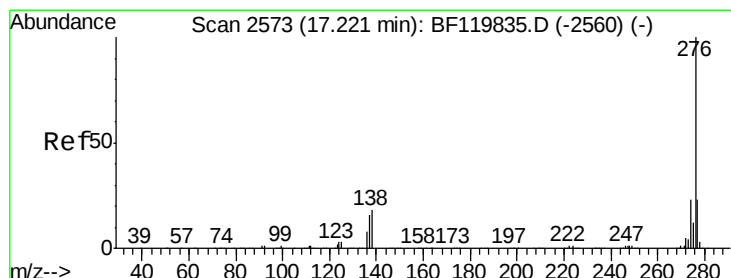
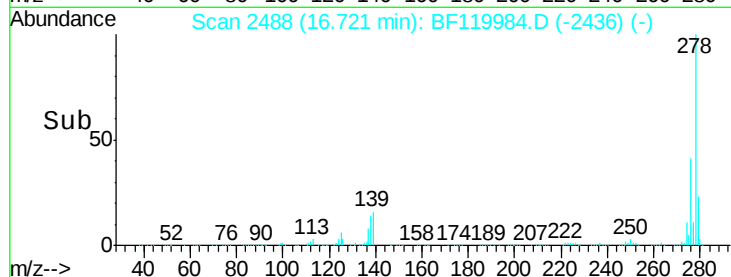
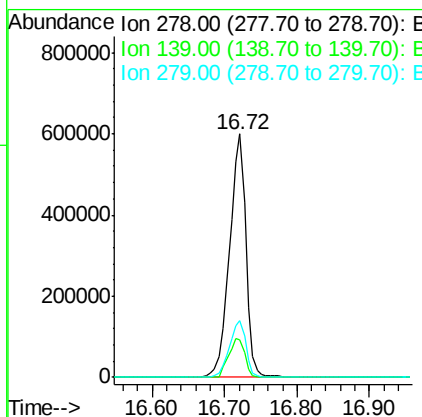
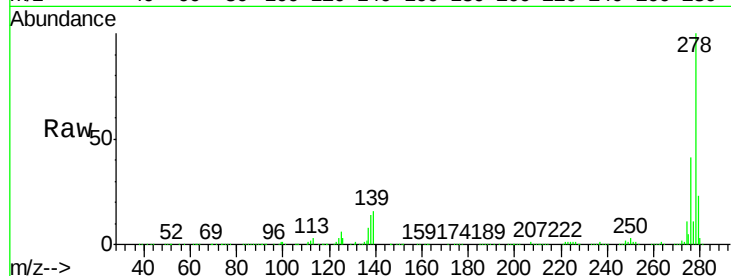
#91
Dibenzo(a,h)anthracene
Concen: 40.575 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:	278	Resp:	946542
Ion Ratio	Lower	Upper	
278	100		
139	15.6	11.6	17.4
279	23.4	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:30 PM



#92
Benzo(g,h,i)perylene
Concen: 39.277 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:	276	Resp:	904433
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.5	27.7
138	20.5	14.6	22.0

