

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122811.D
 Acq On : 22 Dec 2020 12:52
 Operator : JU/CG
 Sample : PB133742BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133742BS

Manual Integrations
 APPROVED

mohammad
 12/23/2020 3:28:01 PM

Quant Time: Dec 22 13:56:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	176282	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	653609	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	347077	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	617905	20.00	ng	0.00
76) Chrysene-d12	13.992	240	491405	20.00	ng	0.00
86) Perylene-d12	15.445	264	451994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1221960	109.74	ng	0.02
7) Phenol-d6	6.463	99	1576725	106.77	ng	0.00
23) Nitrobenzene-d5	7.386	82	915872	70.21	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	493894	108.71	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1710496	66.66	ng	0.00
79) Terphenyl-d14	12.933	244	1825918	65.04	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	227927	43.55	ng	99
3) Pyridine	3.451	79	614105	44.39	ng	99
4) n-Nitrosodimethylamine	3.416	42	240585	43.37	ng	98
6) Aniline	6.486	93	549226	31.60	ng	100
8) 2-Chlorophenol	6.610	128	526471	42.90	ng	96
9) Benzaldehyde	6.369	77	55445	6.20	ng	95
10) Phenol	6.475	94	619179	40.46	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	505641	43.25	ng	99
12) 1,3-Dichlorobenzene	6.763	146	599916	41.31	ng	98
13) 1,4-Dichlorobenzene	6.833	146	604119	41.26	ng	98
14) 1,2-Dichlorobenzene	6.992	146	569502	40.29	ng	99
15) Benzyl Alcohol	6.969	79	421024	41.41	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	654506	39.26	ng	96
17) 2-Methylphenol	7.080	107	449918	46.12	ng	97
18) Hexachloroethane	7.328	117	221729	42.49	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	353594	41.80	ng	99
20) 3+4-Methylphenols	7.233	107	514946	41.78	ng	97
22) Acetophenone	7.233	105	698191	42.96	ng	# 96
24) Nitrobenzene	7.404	77	559023	43.08	ng	99
25) Isophorone	7.645	82	995599	44.31	ng	99
26) 2-Nitrophenol	7.722	139	295521	46.69	ng	95
27) 2,4-Dimethylphenol	7.763	122	489322	52.75	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	633716	41.18	ng	99
29) 2,4-Dichlorophenol	7.969	162	464922	42.91	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	510363	41.58	ng	99
31) Naphthalene	8.127	128	1542006	42.75	ng	100
32) Benzoic acid	7.910	122	294405	39.83	ng	96
33) 4-Chloroaniline	8.175	127	385709	25.58	ng	99
34) Hexachlorobutadiene	8.245	225	299014	39.58	ng	99
35) Caprolactam	8.557	113	135382m	41.49	ng	
36) 4-Chloro-3-methylphenol	8.669	107	473366	44.36	ng	99
37) 2-Methylnaphthalene	8.822	142	1026638	43.03	ng	98
38) 1-Methylnaphthalene	8.916	142	953271	42.24	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	479567	41.72	ng	100
41) Hexachlorocyclopentadiene	8.975	237	449580	88.45	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	324325	40.85	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122811.D
 Acq On : 22 Dec 2020 12:52
 Operator : JU/CG
 Sample : PB133742BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133742BS

Manual Integrations
 APPROVED

mohammad
 12/23/2020 3:28:01 PM

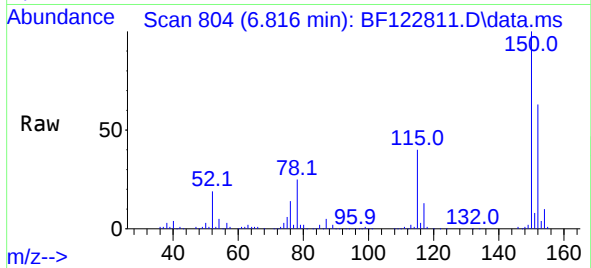
Quant Time: Dec 22 13:56:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	333810	40.67	ng	95
46) 1,1'-Biphenyl	9.280	154	1212581	42.10	ng	100
47) 2-Chloronaphthalene	9.310	162	964803	40.43	ng	99
48) 2-Nitroaniline	9.404	65	275001	39.52	ng	95
49) Acenaphthylene	9.722	152	1472931	41.78	ng	99
50) Dimethylphthalate	9.586	163	1142296	41.21	ng	100
51) 2,6-Dinitrotoluene	9.651	165	257999	44.07	ng	97
52) Acenaphthene	9.898	154	876868	38.45	ng	97
53) 3-Nitroaniline	9.816	138	177139	26.19	ng	96
54) 2,4-Dinitrophenol	9.933	184	254728	89.00	ng	92
55) Dibenzofuran	10.069	168	1314291	40.97	ng	99
56) 4-Nitrophenol	9.992	139	364100	75.49	ng	99
57) 2,4-Dinitrotoluene	10.057	165	337178	43.24	ng	96
58) Fluorene	10.410	166	1006393	39.44	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	287285	39.84	ng	99
60) Diethylphthalate	10.286	149	1077231	39.96	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	492625	39.21	ng	99
62) 4-Nitroaniline	10.439	138	260479	37.93	ng	93
63) Azobenzene	10.563	77	983219	39.67	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	184812	49.05	ng	96
66) n-Nitrosodiphenylamine	10.521	169	926632	42.44	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	344284	41.12	ng	93
68) Hexachlorobenzene	10.963	284	380428	41.10	ng	# 93
69) Atrazine	11.051	200	259420	36.59	ng	99
70) Pentachlorophenol	11.157	266	392649	80.06	ng	98
71) Phenanthrene	11.374	178	1487722	40.51	ng	100
72) Anthracene	11.427	178	1543409	42.38	ng	99
73) Carbazole	11.580	167	1388168	42.03	ng	99
74) Di-n-butylphthalate	11.910	149	1582667	38.14	ng	99
75) Fluoranthene	12.563	202	1548858	40.22	ng	99
77) Benzidine	12.680	184	645950	60.77	ng	100
78) Pyrene	12.792	202	1559198	41.04	ng	100
80) Butylbenzylphthalate	13.404	149	666720	38.96	ng	98
81) Benzo(a)anthracene	13.980	228	1372629	41.80	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	408166	34.70	ng	98
83) Chrysene	14.021	228	1356737	41.51	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	875926	37.38	ng	99
85) Di-n-octyl phthalate	14.574	149	1497865	38.53	ng	98
87) Indeno(1,2,3-cd)pyrene	16.903	276	1229883	41.45	ng	99
88) Benzo(b)fluoranthene	15.027	252	1330851	41.97	ng	99
89) Benzo(k)fluoranthene	15.056	252	1307723	45.10	ng	99
90) Benzo(a)pyrene	15.392	252	1172118	42.25	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1027177	42.30	ng	99
92) Benzo(g,h,i)perylene	17.339	276	986286	41.97	ng	99

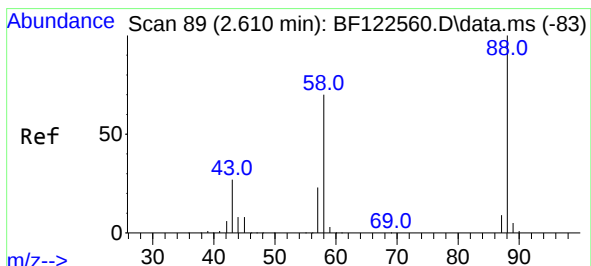
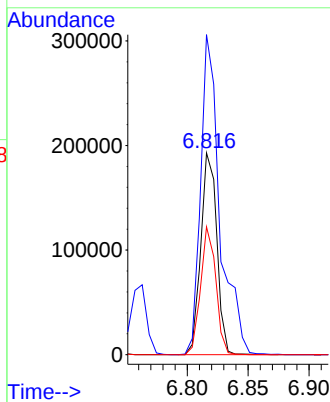
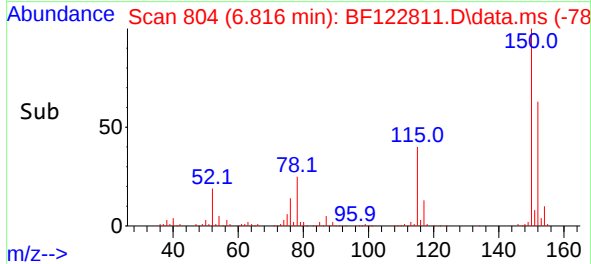
(#) = qualifier out of range (m) = manual integration (+) = signals summed



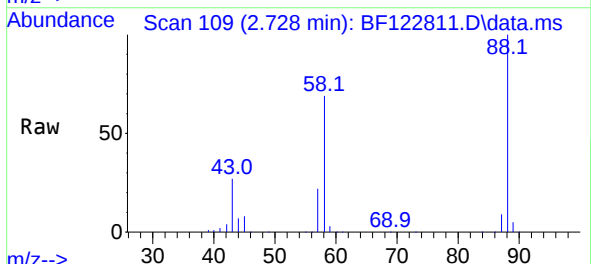
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



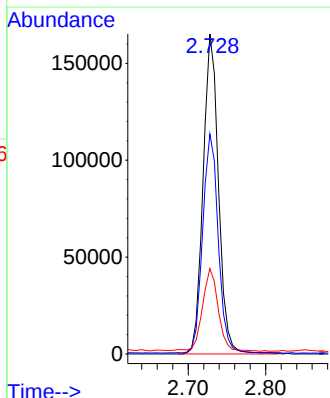
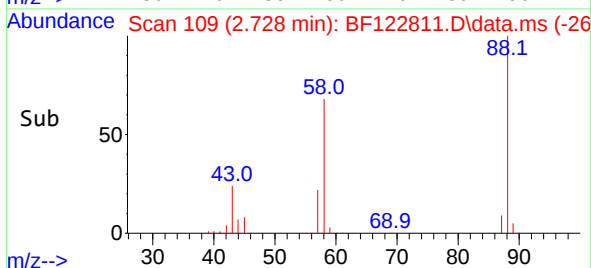
Tgt Ion:152 Resp: 176282
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 63.3 49.3 73.9



#2
1,4-Dioxane
Concen: 43.55 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.188 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



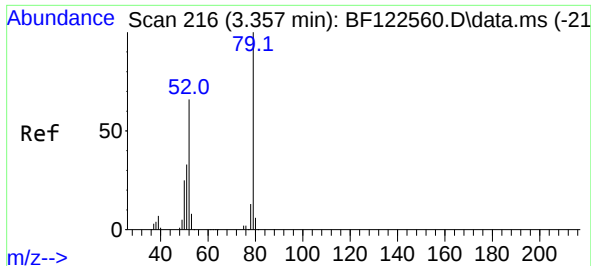
Tgt Ion: 88 Resp: 227927
Ion Ratio Lower Upper
88 100
58 69.2 56.2 84.2
43 26.5 21.8 32.6



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



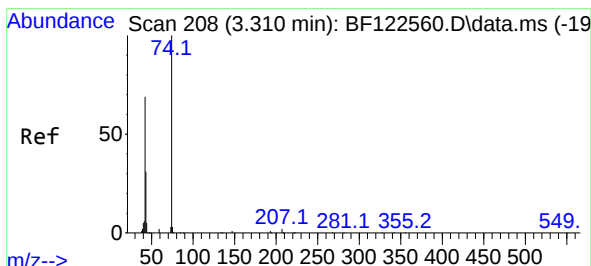
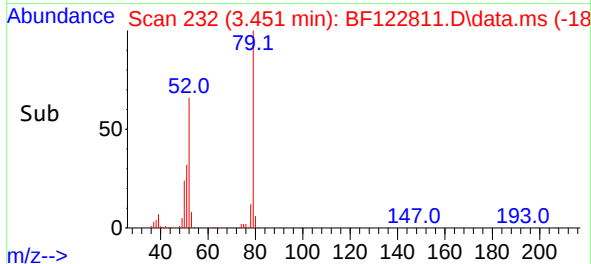
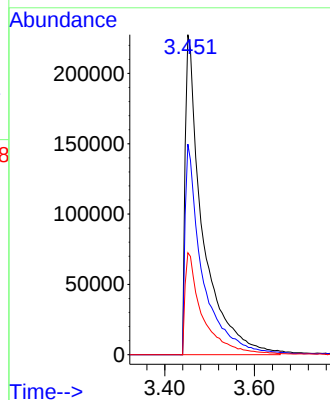
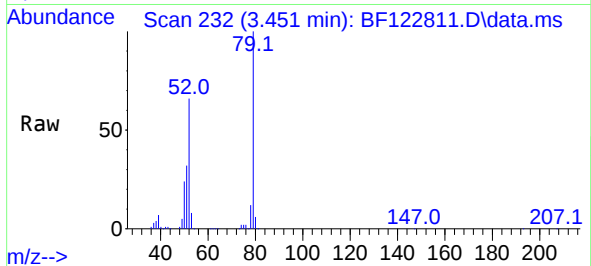
#3
Pyridine
Concen: 44.39 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.164 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 79 Resp: 614105
Ion Ratio Lower Upper
79 100
52 65.8 53.0 79.4
51 31.9 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
PB133742BS

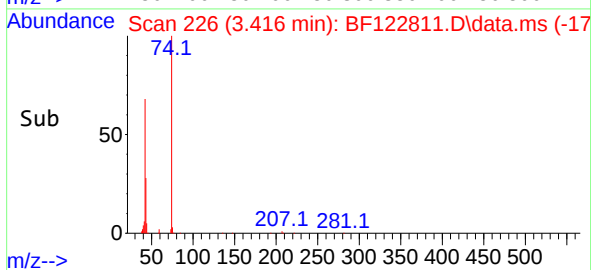
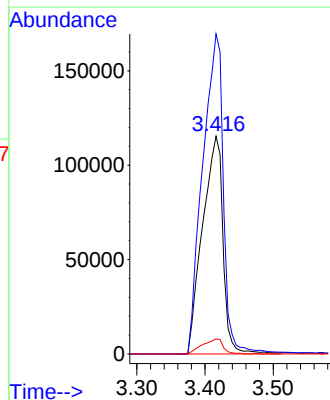
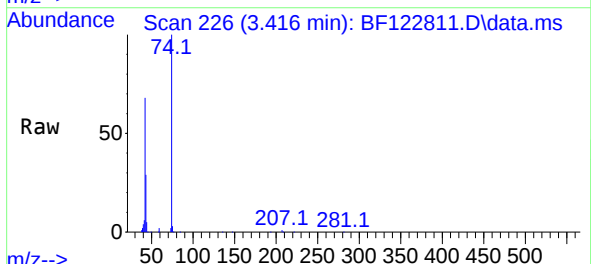
Manual Integrations
APPROVED

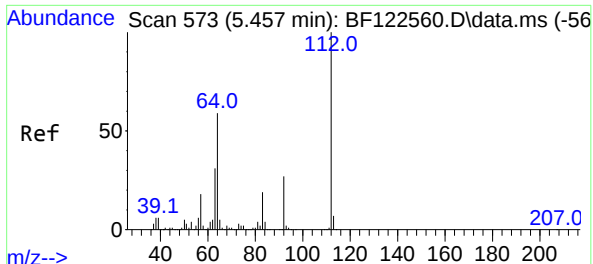
mohammad
12/23/2020 3:28:01 PM



#4
n-Nitrosodimethylamine
Concen: 43.37 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.176 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

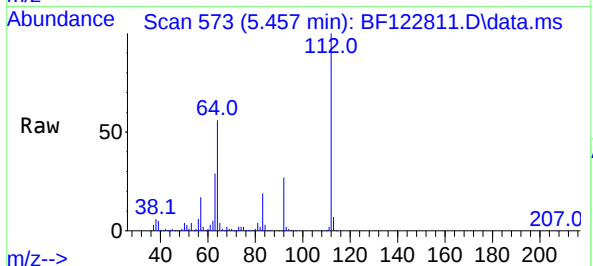
Tgt Ion: 42 Resp: 240585
Ion Ratio Lower Upper
42 100
74 147.0 115.2 172.8
44 6.9 5.4 8.0





#5
2-Fluorophenol
Concen: 109.74 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.023 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

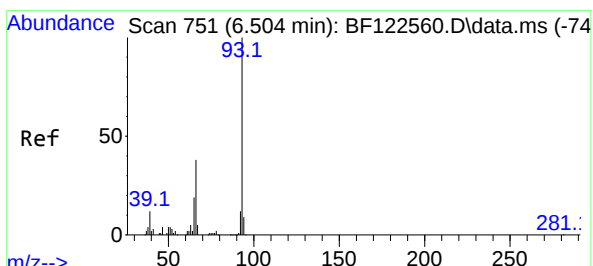
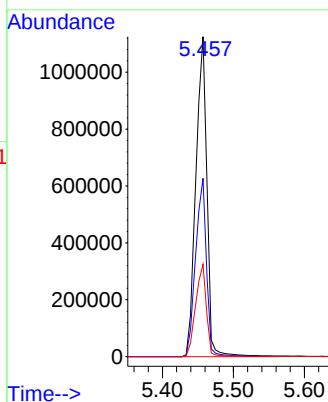
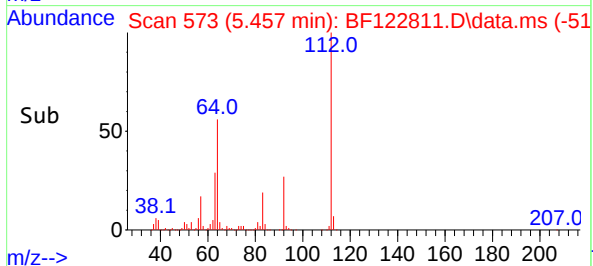
Instrument :
BNA_F
ClientSampleId :
PB133742BS



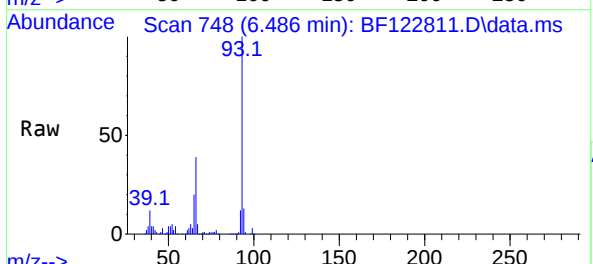
Tgt Ion:112 Resp: 1221960
Ion Ratio Lower Upper
112 100
64 55.7 46.9 70.3
63 28.9 24.5 36.7

Manual Integrations
APPROVED

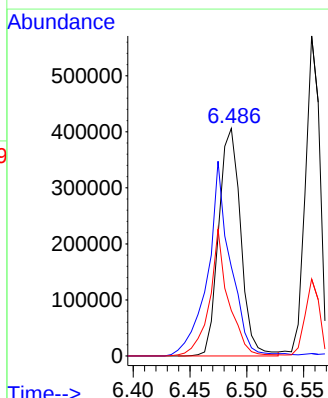
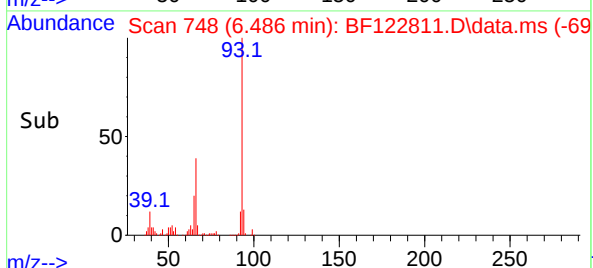
mohammad
12/23/2020 3:28:01 PM



#6
Aniline
Concen: 31.60 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



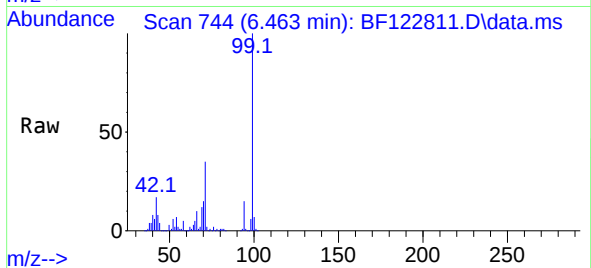
Tgt Ion: 93 Resp: 549226
Ion Ratio Lower Upper
93 100
66 39.2 31.3 46.9
65 20.0 15.6 23.4





#7
Phenol-d6
Concen: 106.77 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB133742BS

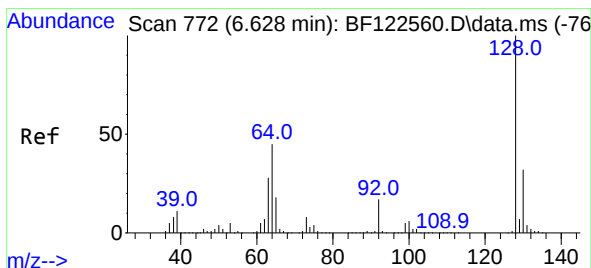
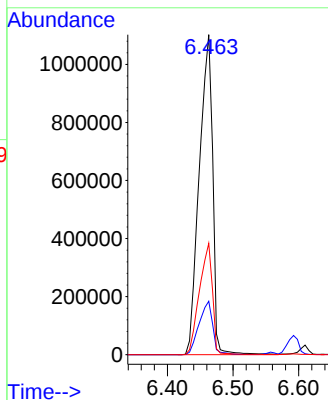
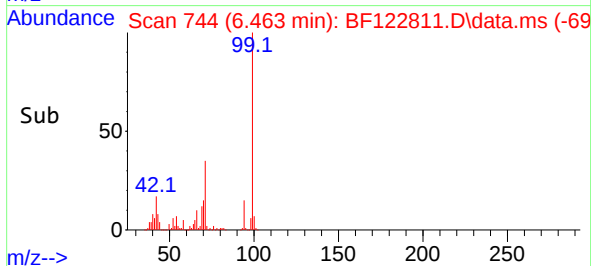


Tgt Ion: 99 Resp: 1576725

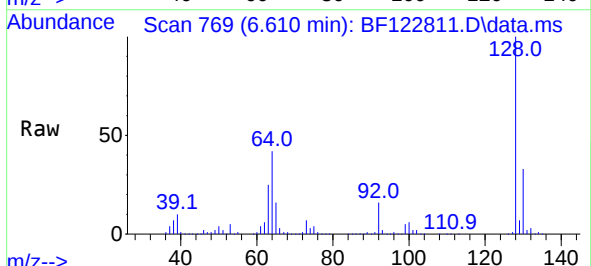
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	34.8	26.9	40.3

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM

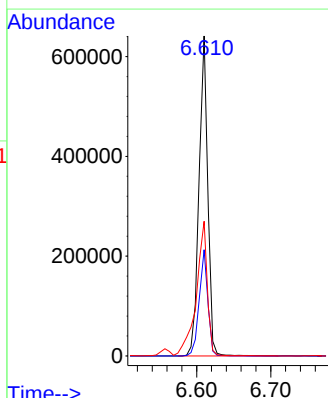
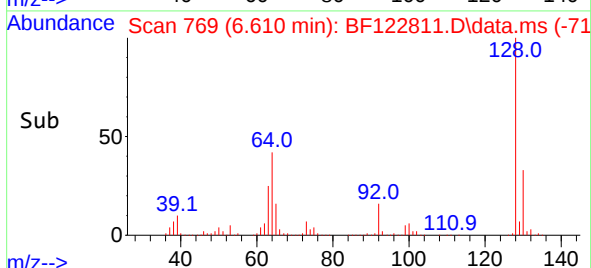


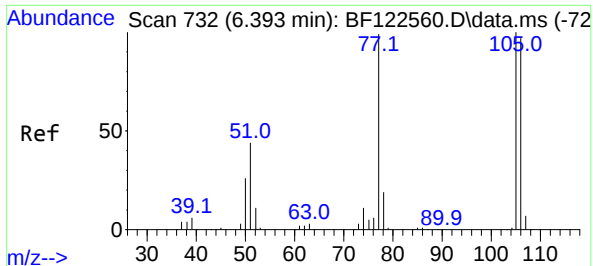
#8
2-Chlorophenol
Concen: 42.90 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion: 128 Resp: 526471

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	42.1	25.5	65.5





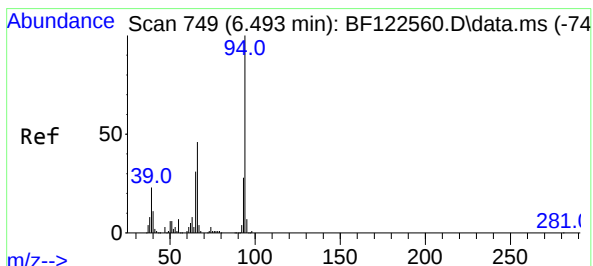
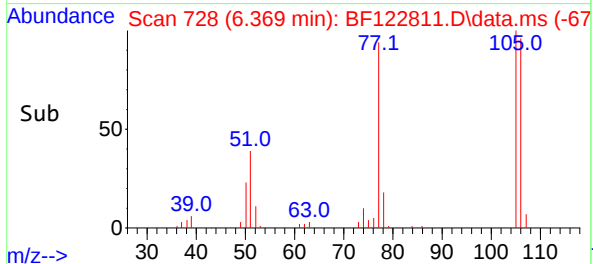
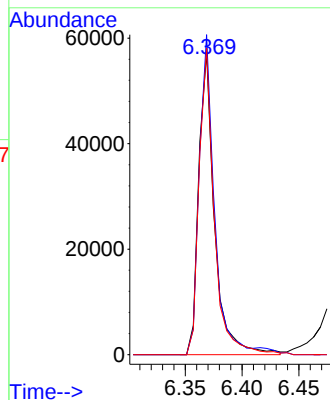
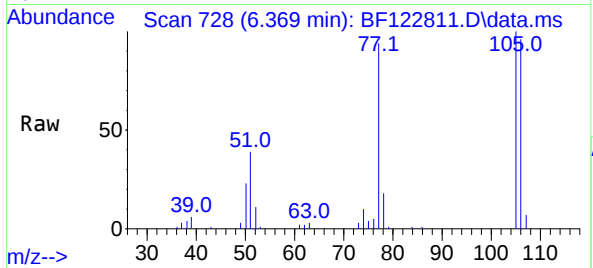
#9
Benzaldehyde
Concen: 6.20 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 77 Resp: 55445
Ion Ratio Lower Upper
77 100
105 106.2 80.6 120.6
106 101.7 77.2 117.2

Instrument :
BNA_F
ClientSampleId :
PB133742BS

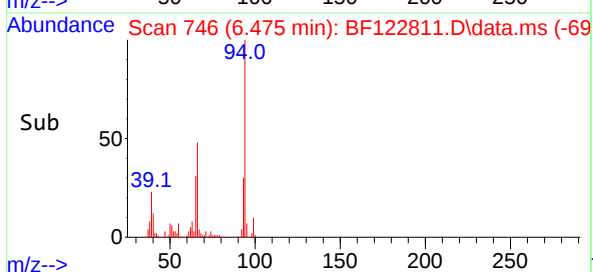
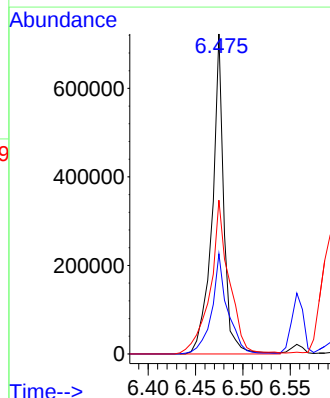
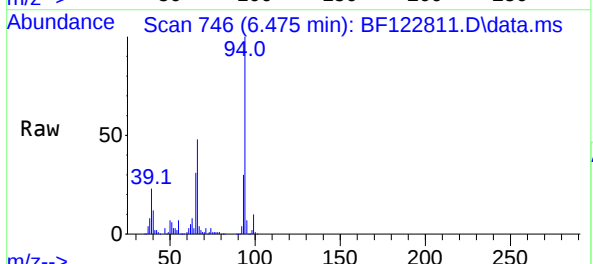
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#10
Phenol
Concen: 40.46 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 94 Resp: 619179
Ion Ratio Lower Upper
94 100
65 31.3 11.2 51.2
66 48.1 25.8 65.8





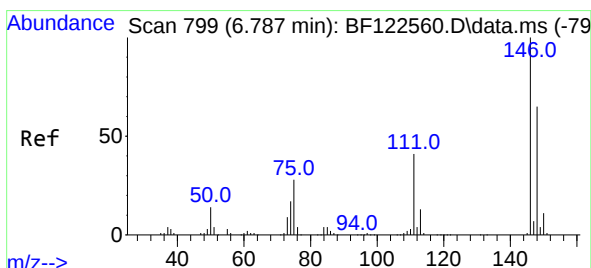
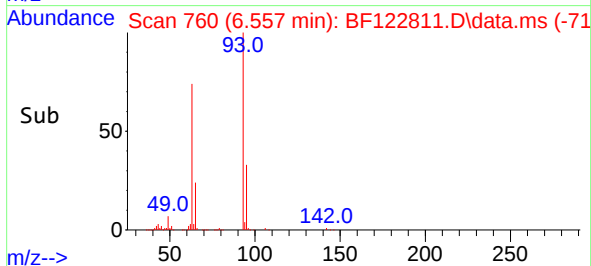
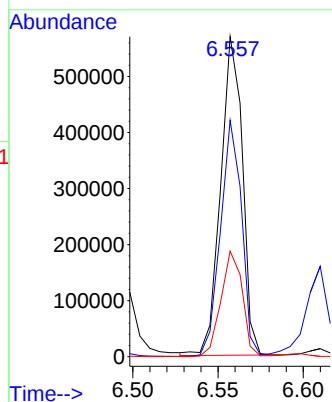
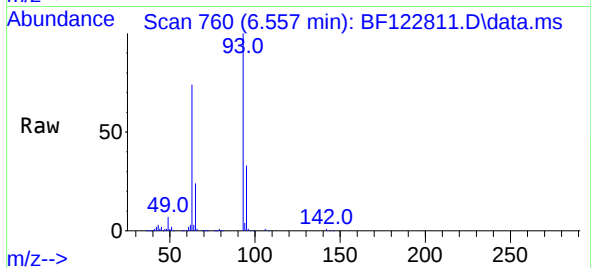
#11
bis(2-Chloroethyl)ether
Concen: 43.25 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 93 Resp: 505641
Ion Ratio Lower Upper
93 100
63 73.8 52.6 92.6
95 33.0 12.6 52.6

Instrument :
BNA_F
ClientSampleId :
PB133742BS

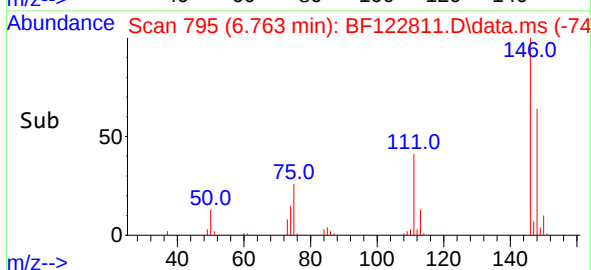
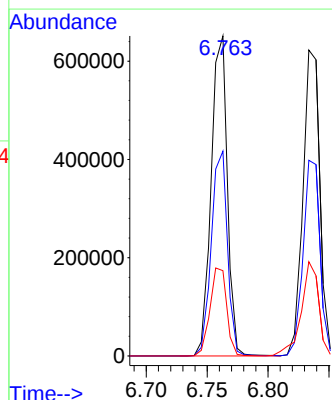
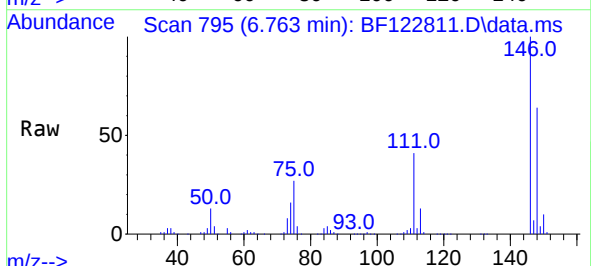
Manual Integrations
APPROVED

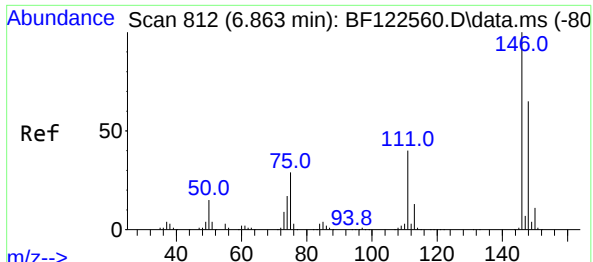
mohammad
12/23/2020 3:28:01 PM



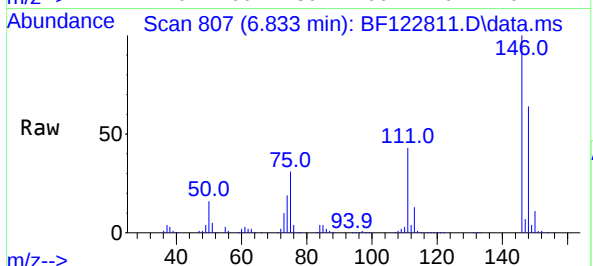
#12
1,3-Dichlorobenzene
Concen: 41.31 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 146 Resp: 599916
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 26.6 22.5 33.7

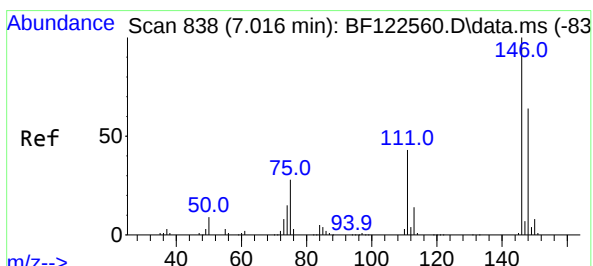
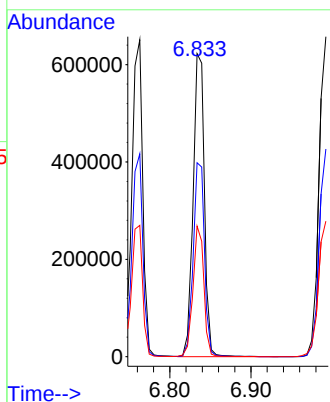
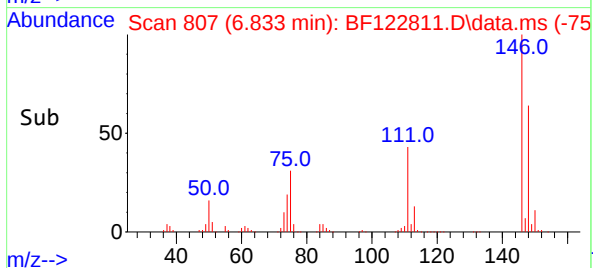




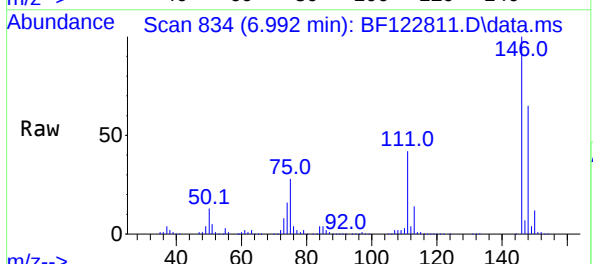
#13
1,4-Dichlorobenzene
Concen: 41.26 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



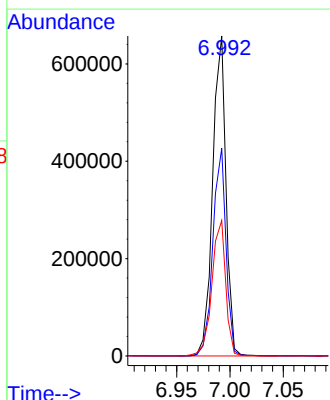
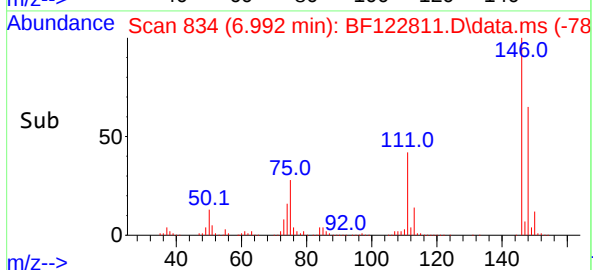
Tgt Ion:146 Resp: 604119
Ion Ratio Lower Upper
146 100
148 64.0 52.0 78.0
111 43.1 32.3 48.5



#14
1,2-Dichlorobenzene
Concen: 40.29 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



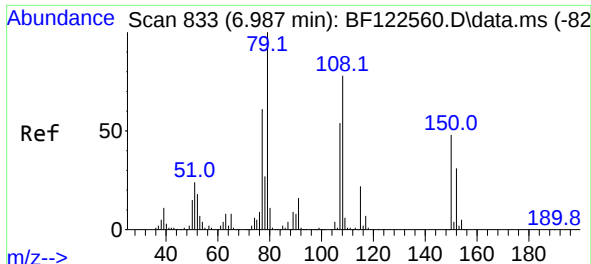
Tgt Ion:146 Resp: 569502
Ion Ratio Lower Upper
146 100
148 64.9 51.5 77.3
111 42.3 34.2 51.2



Instrument :
BNA_F
ClientSampleId :
PB133742BS

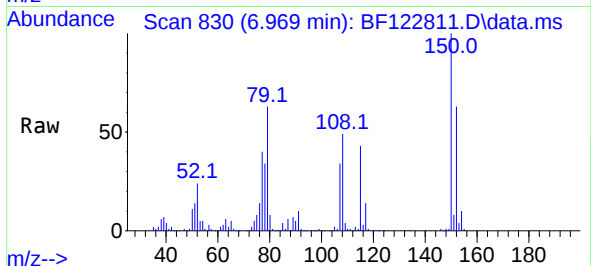
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#15
Benzyl Alcohol
Concen: 41.41 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

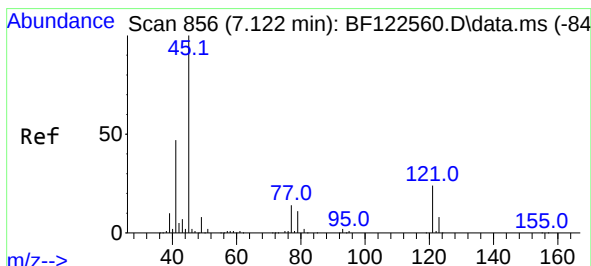
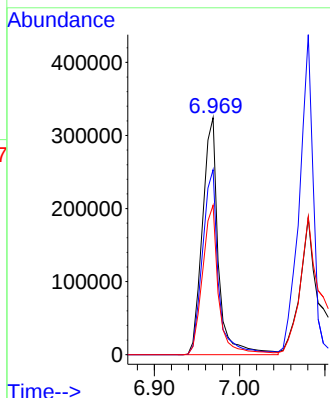
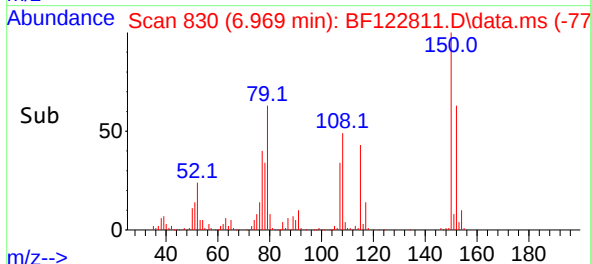
Instrument :
BNA_F
ClientSampleId :
PB133742BS



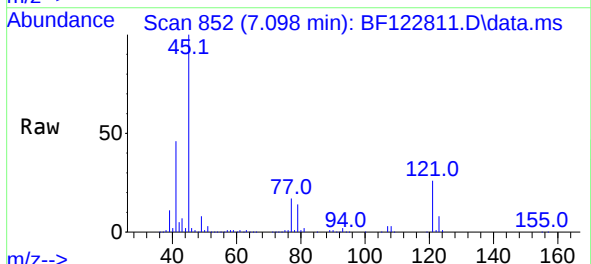
Tgt Ion: 79 Resp: 421024
Ion Ratio Lower Upper
79 100
108 78.0 62.4 93.6
77 63.1 49.0 73.6

Manual Integrations
APPROVED

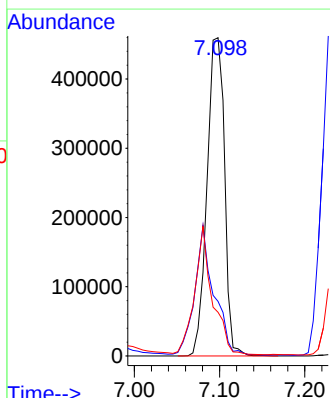
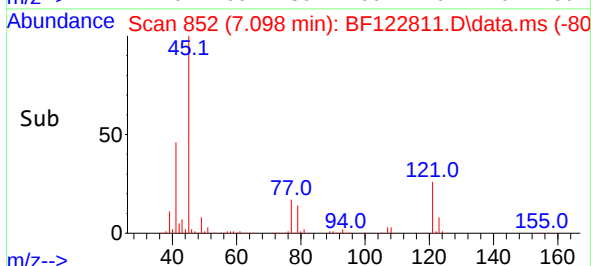
mohammad
12/23/2020 3:28:01 PM

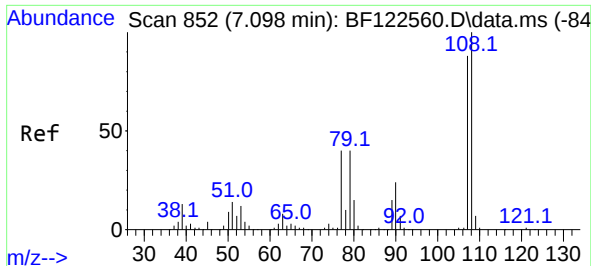


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.26 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion: 45 Resp: 654506
Ion Ratio Lower Upper
45 100
77 17.2 0.0 35.6
79 13.7 0.0 32.4





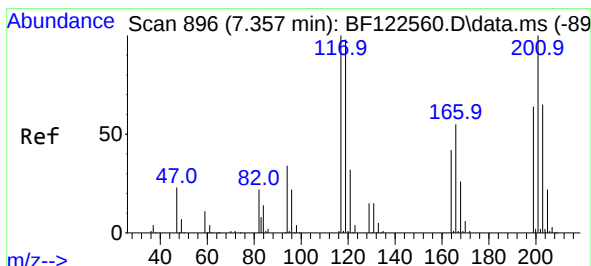
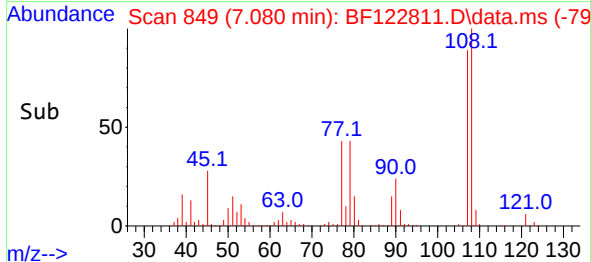
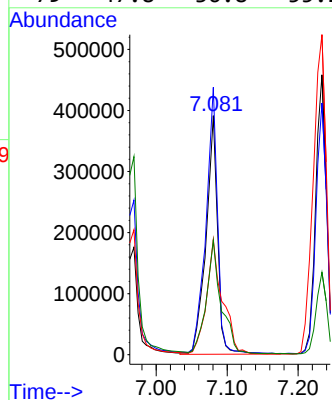
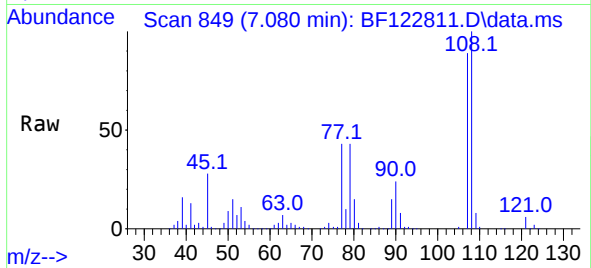
#17
2-Methylphenol
Concen: 46.12 ng
RT: 7.080 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:107 Resp: 449918
Ion Ratio Lower Upper
107 100
108 111.8 91.1 136.7
77 48.2 36.3 54.5
79 47.8 36.8 55.2

Instrument :
BNA_F
ClientSampleId :
PB133742BS

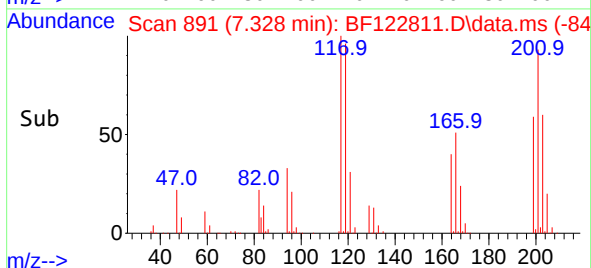
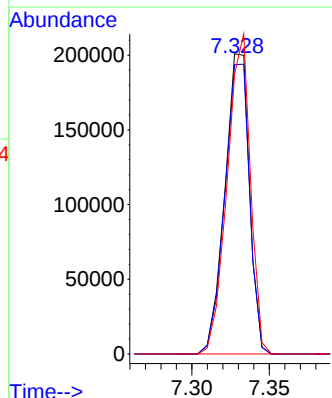
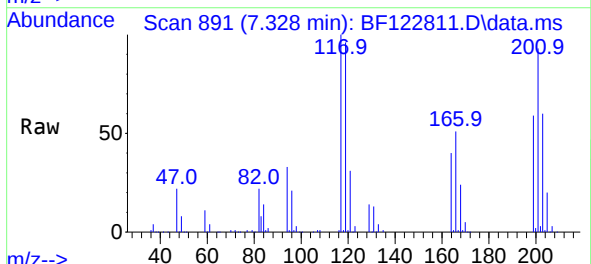
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#18
Hexachloroethane
Concen: 42.49 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:117 Resp: 221729
Ion Ratio Lower Upper
117 100
119 96.4 78.4 117.6
201 93.3 79.6 119.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

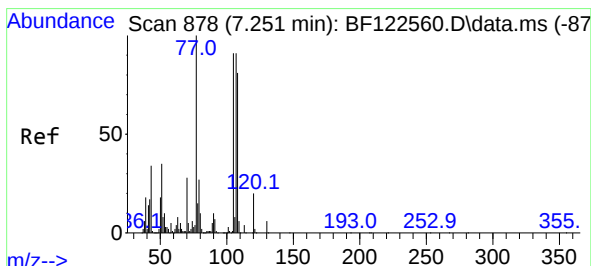
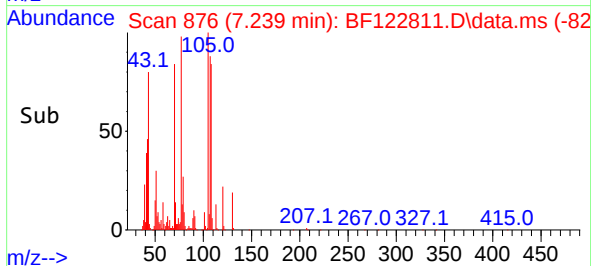
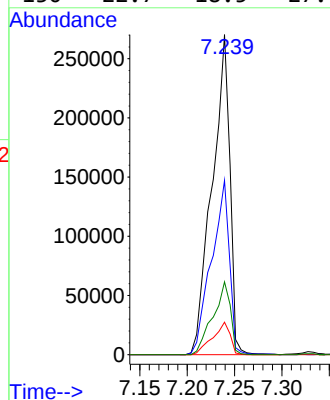
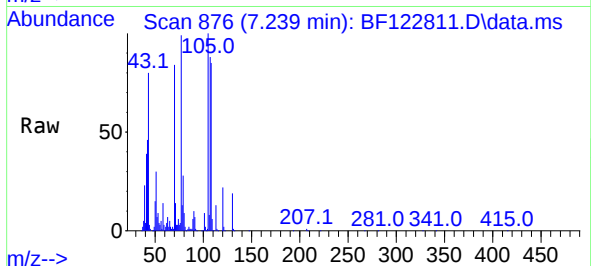
Tgt Ion: 70 Resp: 353594

Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.0	64.4
101	10.1	7.9	11.9
130	22.7	18.5	27.7

Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

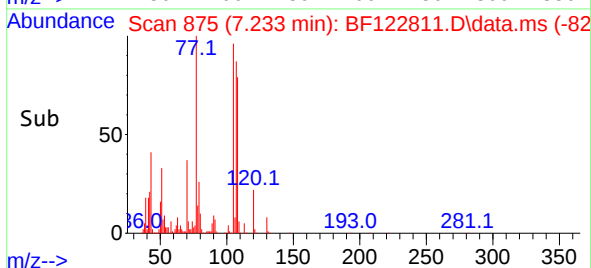
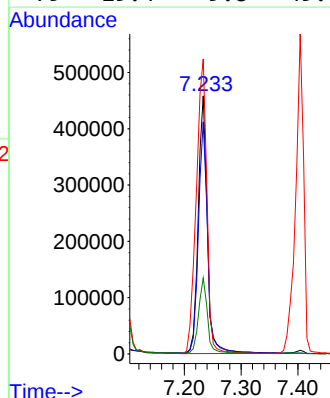
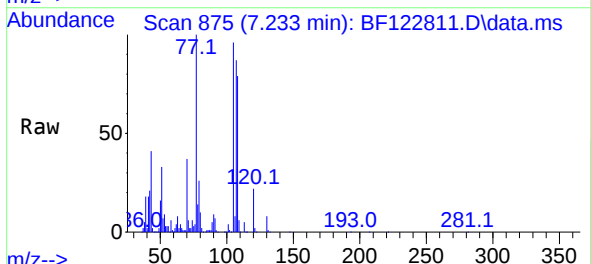
mohammad
12/23/2020 3:28:01 PM



#20
3+4-Methylphenols
Concen: 41.78 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 107 Resp: 514946

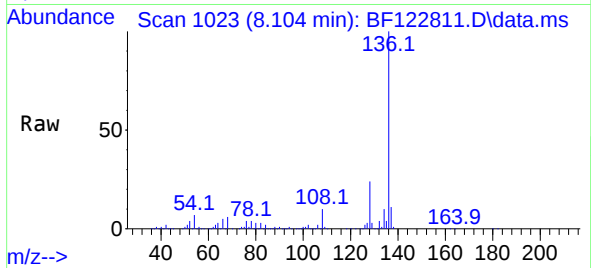
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.7	108.7
77	114.3	89.8	129.8
79	29.4	9.8	49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

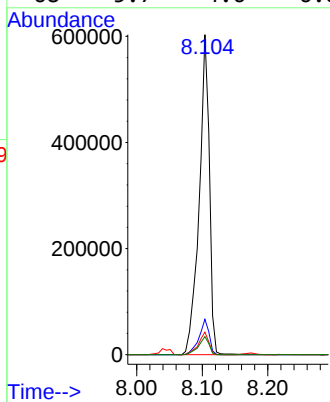
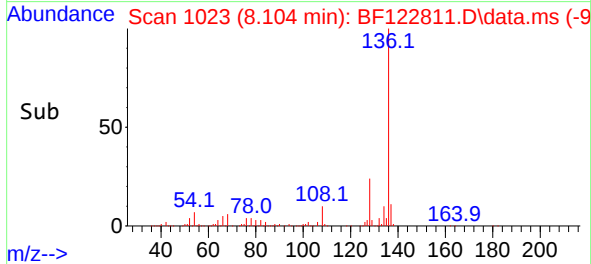
Instrument :
BNA_F
ClientSampleId :
PB133742BS



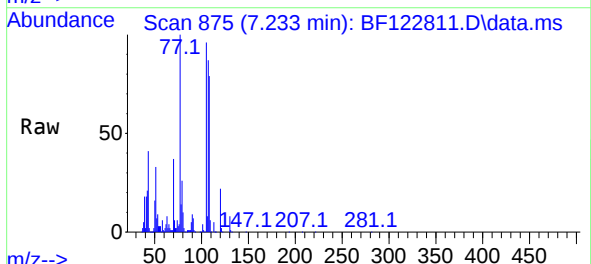
Tgt Ion:136 Resp: 653609
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.5 8.3
68 5.7 4.6 6.8

Manual Integrations
APPROVED

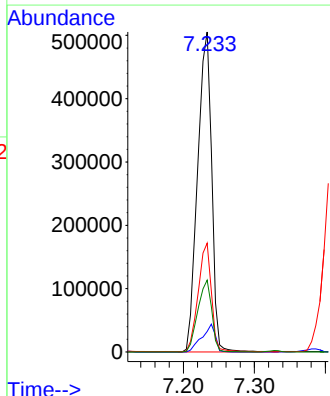
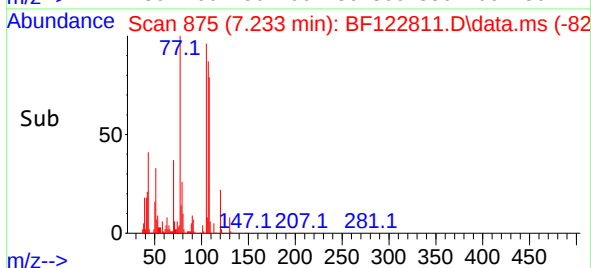
mohammad
12/23/2020 3:28:01 PM

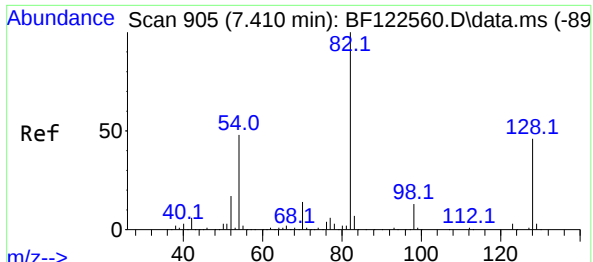


#22
Acetophenone
Concen: 42.96 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:105 Resp: 698191
Ion Ratio Lower Upper
105 100
71 6.4 6.5 9.7#
51 34.0 24.3 36.5
120 22.5 18.1 27.1





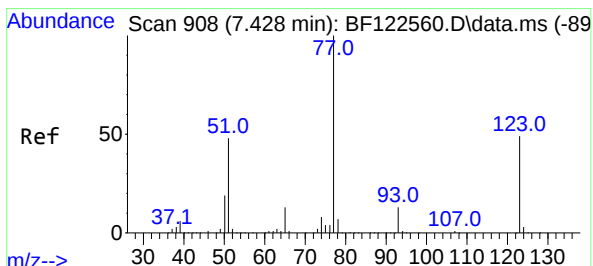
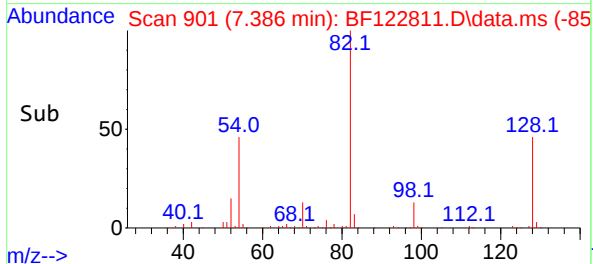
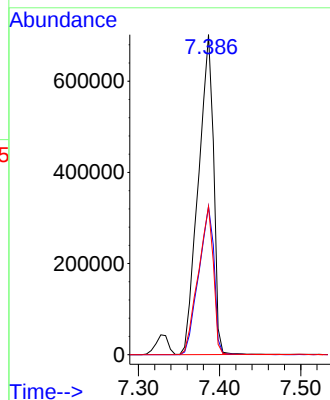
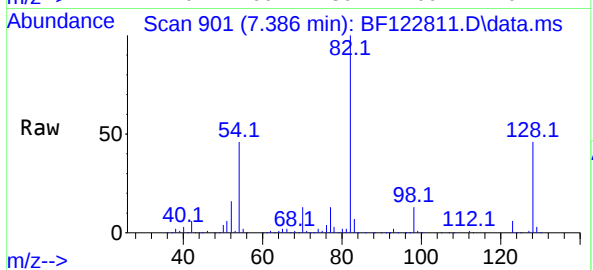
#23
Nitrobenzene-d5
Concen: 70.21 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 82 Resp: 915872
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.4
54 46.3 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
PB133742BS

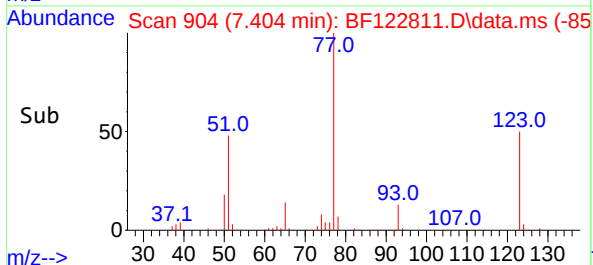
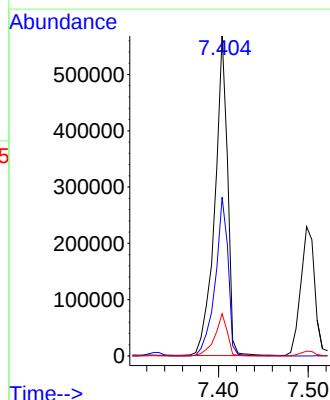
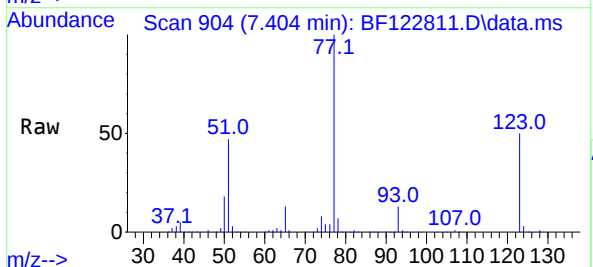
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#24
Nitrobenzene
Concen: 43.08 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

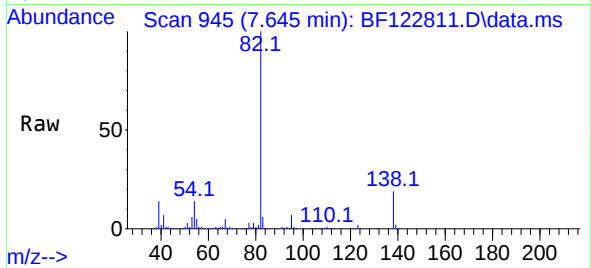
Tgt Ion: 77 Resp: 559023
Ion Ratio Lower Upper
77 100
123 49.6 39.3 58.9
65 13.2 10.6 15.8





#25
Isophorone
Concen: 44.31 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

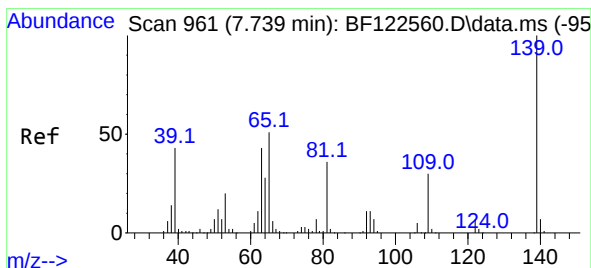
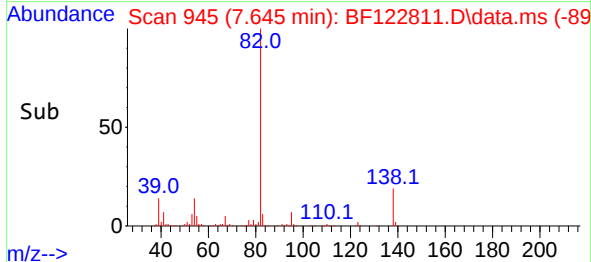
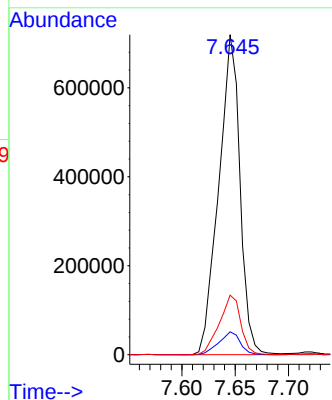
Instrument :
BNA_F
ClientSampleId :
PB133742BS



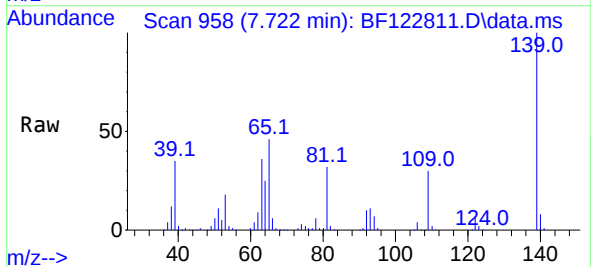
Tgt Ion: 82 Resp: 995599
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.6 14.6 21.8

Manual Integrations
APPROVED

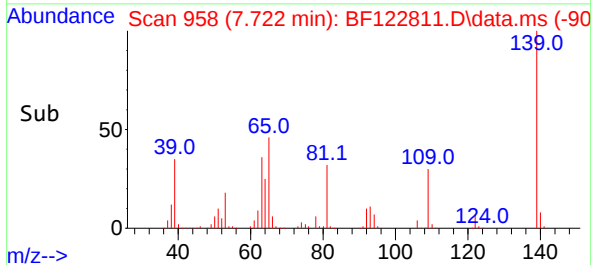
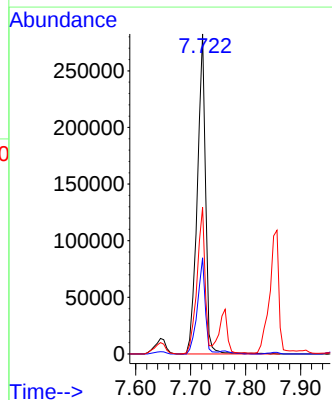
mohammad
12/23/2020 3:28:01 PM

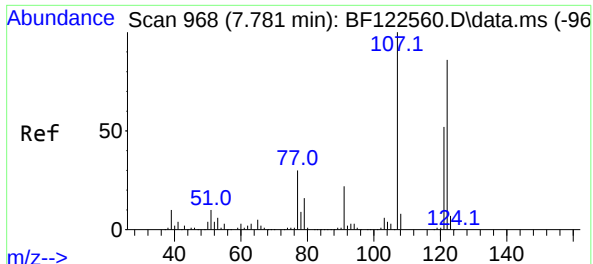


#26
2-Nitrophenol
Concen: 46.69 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

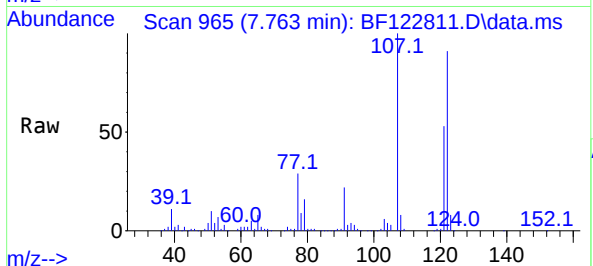


Tgt Ion: 139 Resp: 295521
Ion Ratio Lower Upper
139 100
109 30.1 24.0 36.0
65 45.8 40.9 61.3

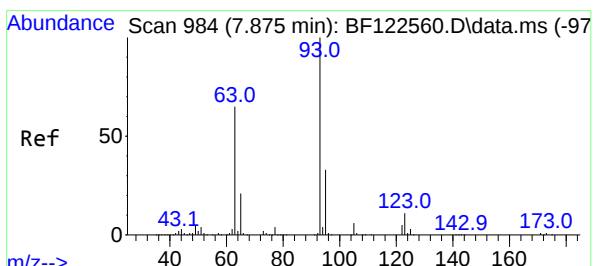
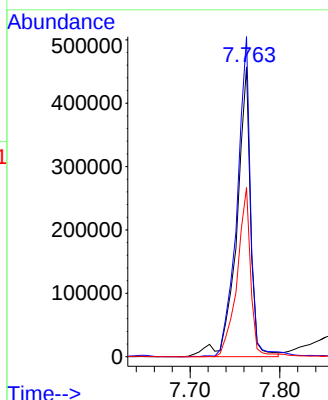
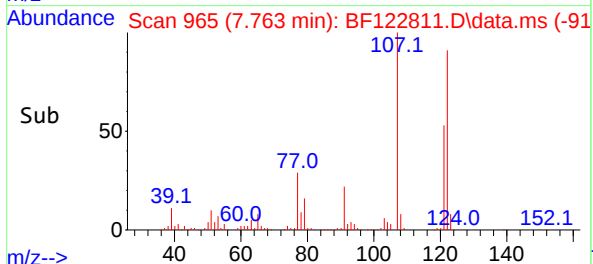




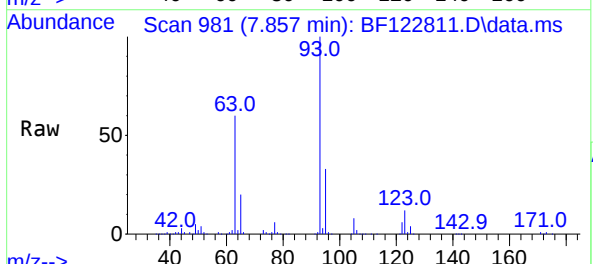
#27
2,4-Dimethylphenol
Concen: 52.75 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



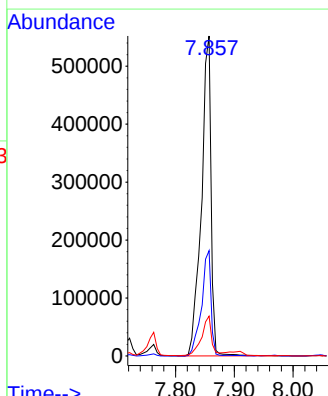
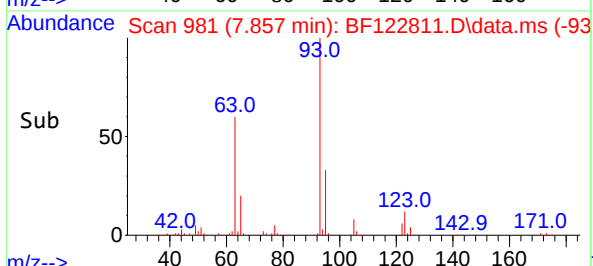
Tgt Ion:122 Resp: 489322
Ion Ratio Lower Upper
122 100
107 110.4 91.8 137.8
121 58.4 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.18 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion: 93 Resp: 633716
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 12.5 9.2 13.8



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



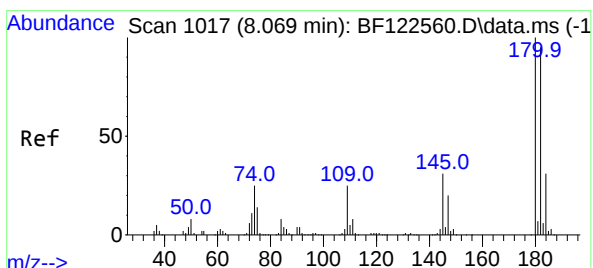
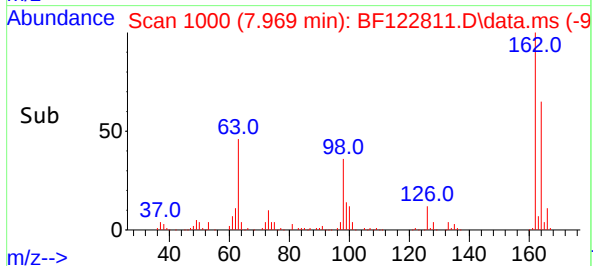
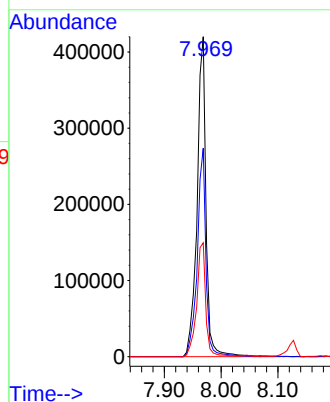
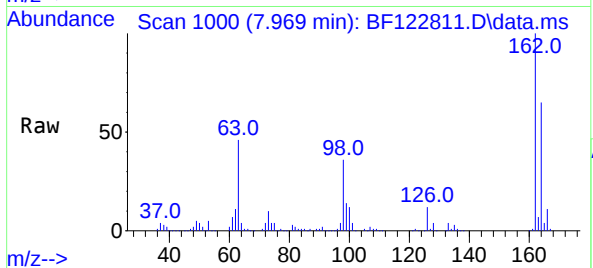
#29
2,4-Dichlorophenol
Concen: 42.91 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:162 Resp: 464922
Ion Ratio Lower Upper
162 100
164 65.1 43.2 83.2
98 35.6 15.2 55.2

Instrument :
BNA_F
ClientSampleId :
PB133742BS

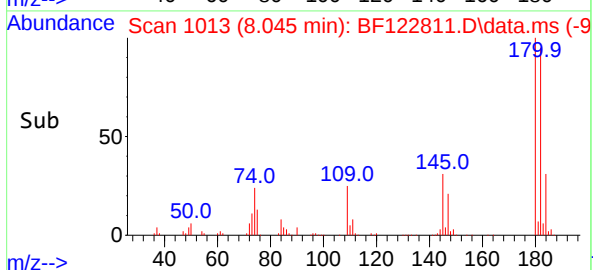
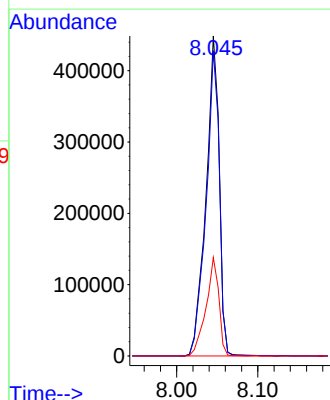
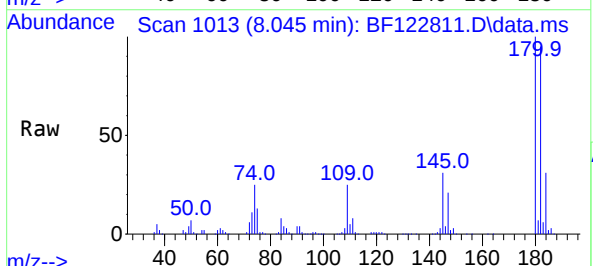
Manual Integrations
APPROVED

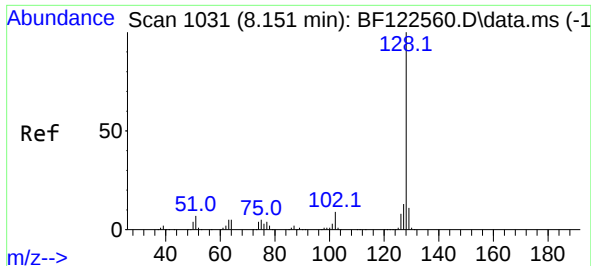
mohammad
12/23/2020 3:28:01 PM



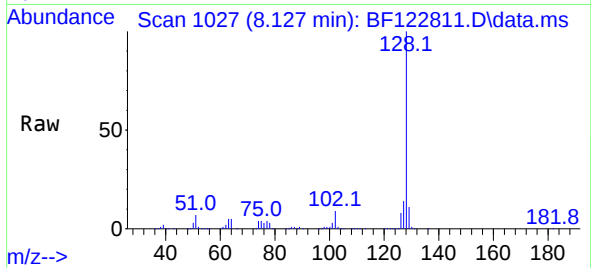
#30
1,2,4-Trichlorobenzene
Concen: 41.58 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:180 Resp: 510363
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 30.8 25.0 37.4

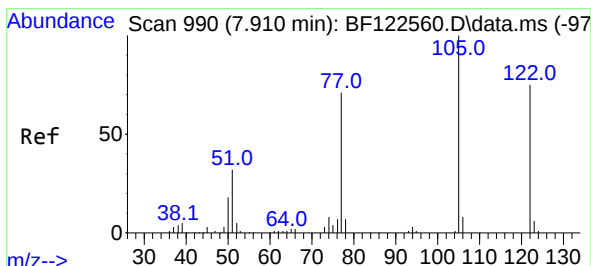
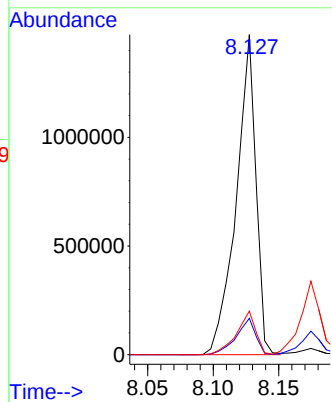
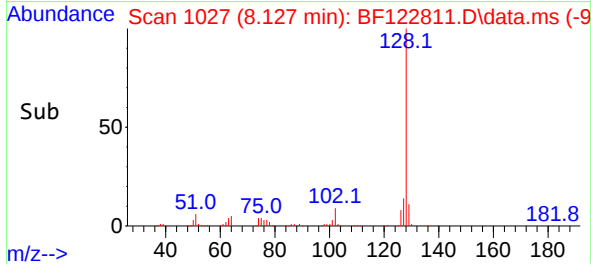




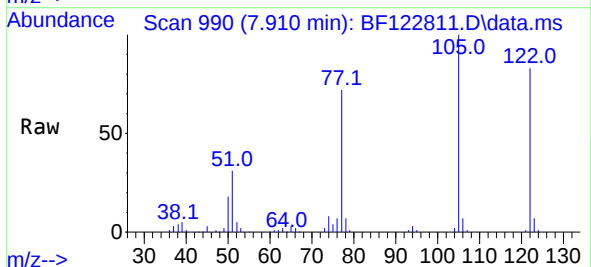
#31
Naphthalene
Concen: 42.75 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



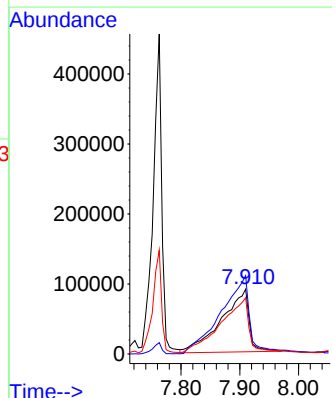
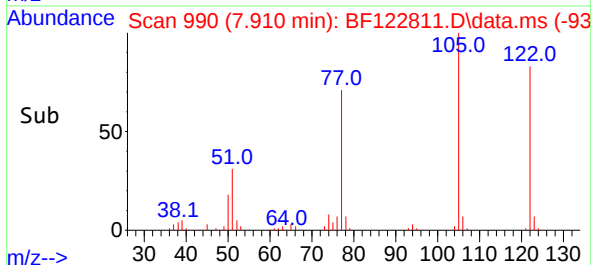
Tgt Ion:128 Resp: 1542006
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 39.83 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.017 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:122 Resp: 294405
Ion Ratio Lower Upper
122 100
105 120.7 104.8 144.8
77 86.6 71.0 111.0



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



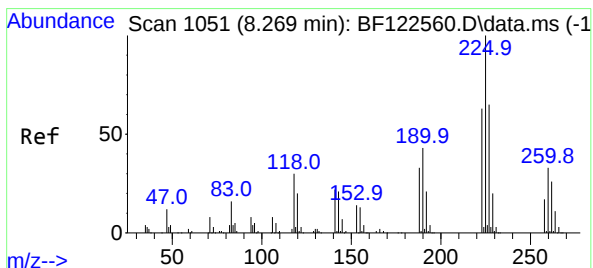
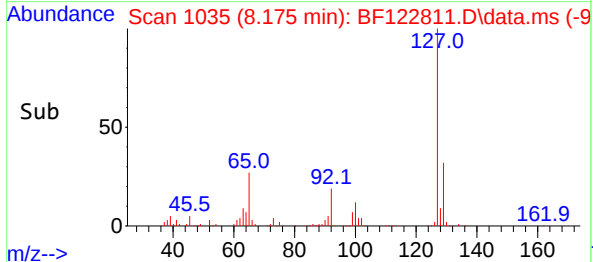
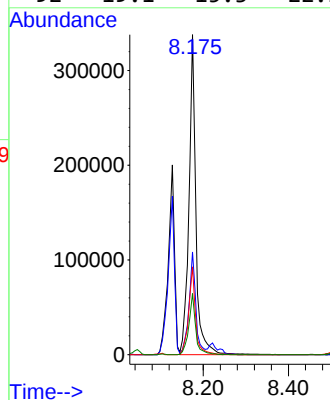
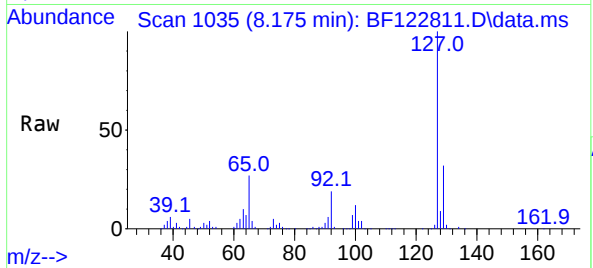
#33
4-Chloroaniline
Concen: 25.58 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:	127	Resp:	385709
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	27.4	22.2	33.2
92	19.1	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
PB133742BS

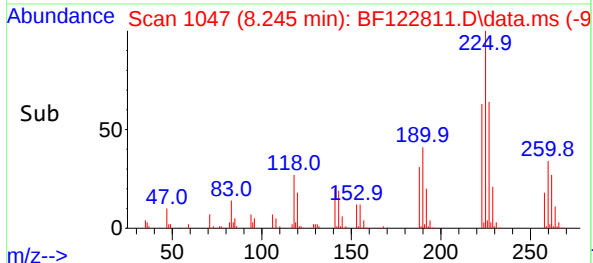
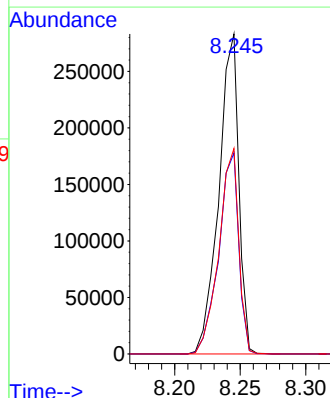
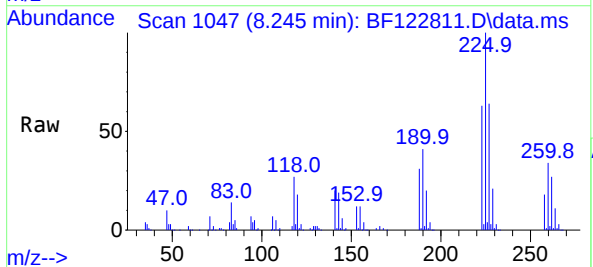
Manual Integrations
APPROVED

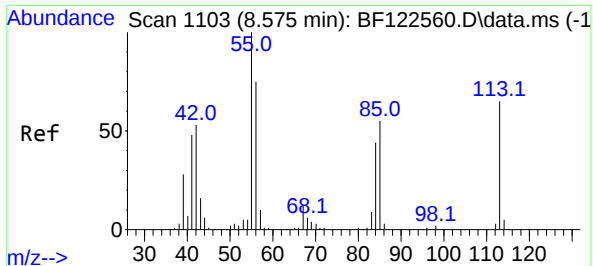
mohammad
12/23/2020 3:28:01 PM



#34
Hexachlorobutadiene
Concen: 39.58 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:	225	Resp:	299014
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	64.2	51.7	77.5





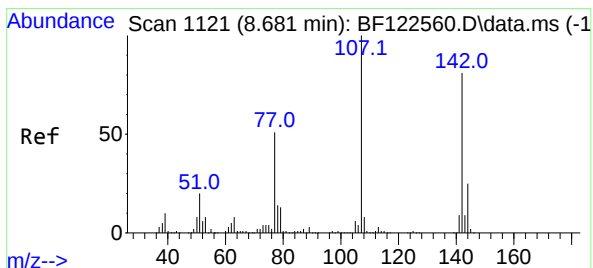
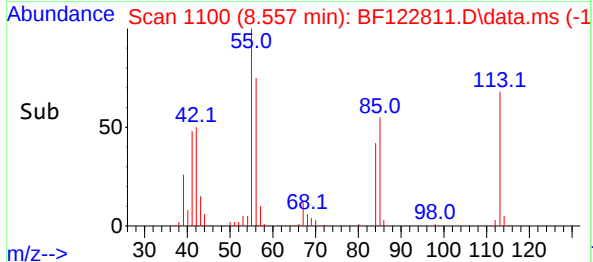
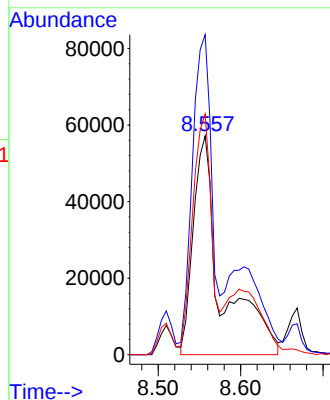
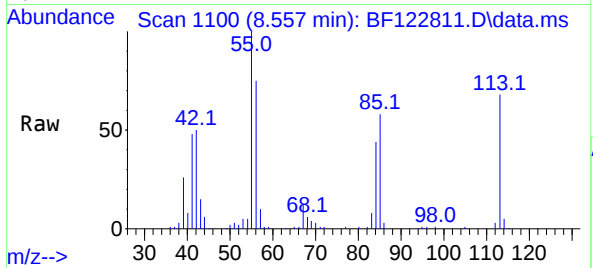
#35
Caprolactam
Concen: 41.49 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:113 Resp: 135382
Ion Ratio Lower Upper
113 100
55 146.2 133.7 173.7
56 109.9 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
PB133742BS

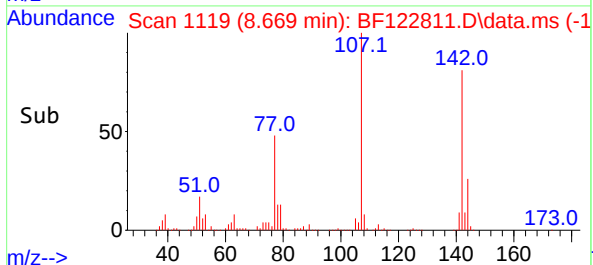
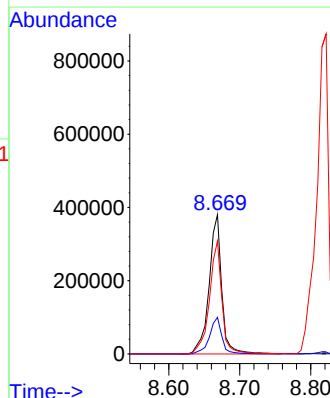
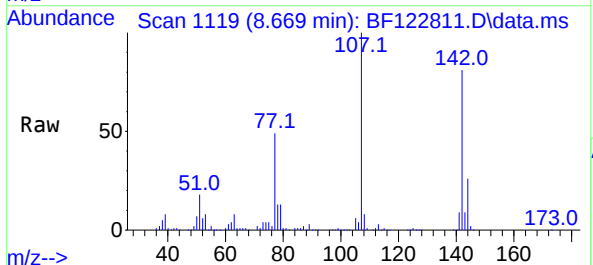
Manual Integrations
APPROVED

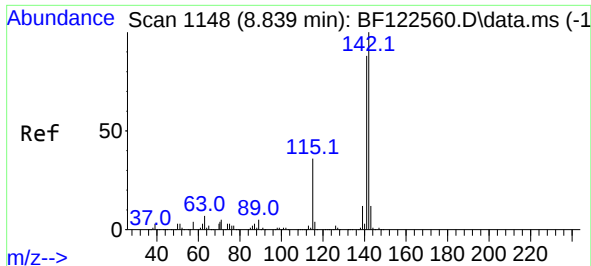
mohammad
12/23/2020 3:28:01 PM



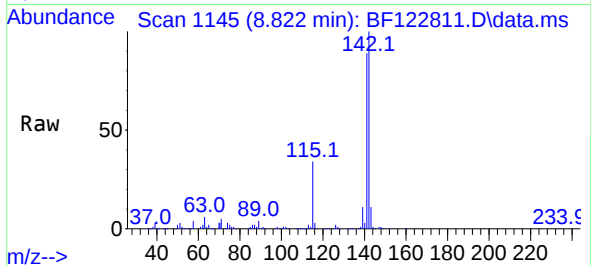
#36
4-Chloro-3-methylphenol
Concen: 44.36 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:107 Resp: 473366
Ion Ratio Lower Upper
107 100
144 26.2 20.2 30.2
142 81.1 64.4 96.6

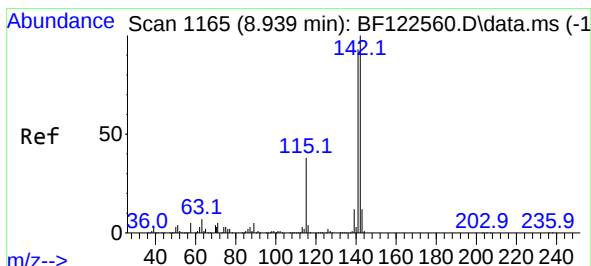
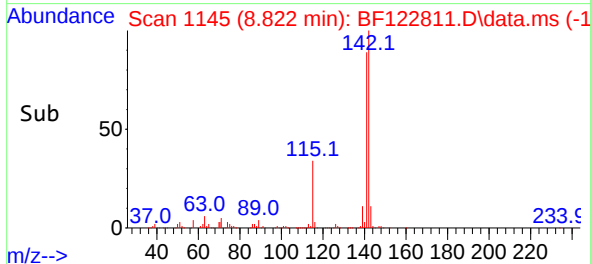
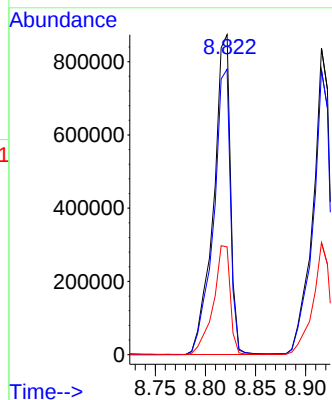




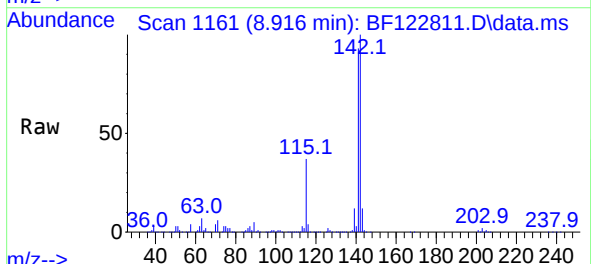
#37
2-Methylnaphthalene
Concen: 43.03 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



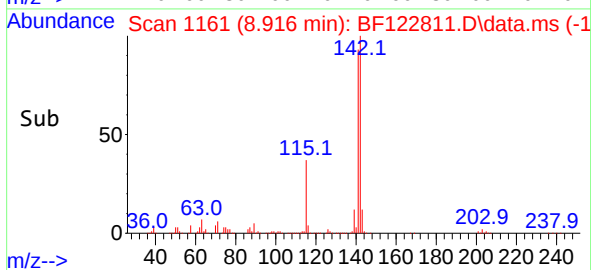
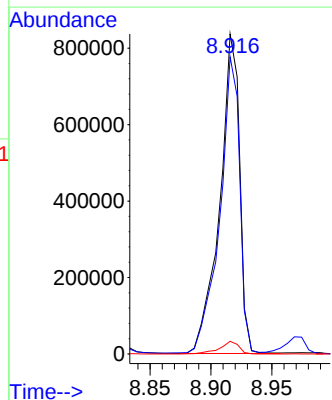
Tgt Ion:142 Resp: 1026638
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0
115 33.7 28.7 43.1



#38
1-Methylnaphthalene
Concen: 42.24 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



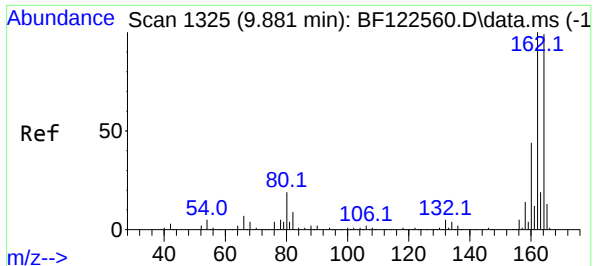
Tgt Ion:142 Resp: 953271
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7
116 4.0 3.2 4.8



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF122811.D

Acq: 22 Dec 2020 12:52

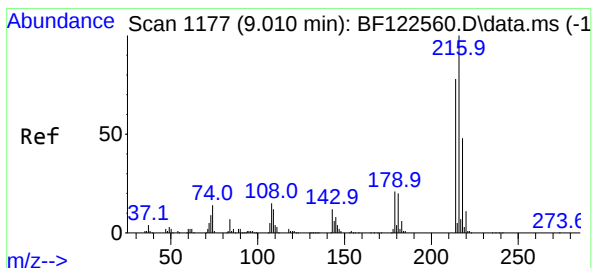
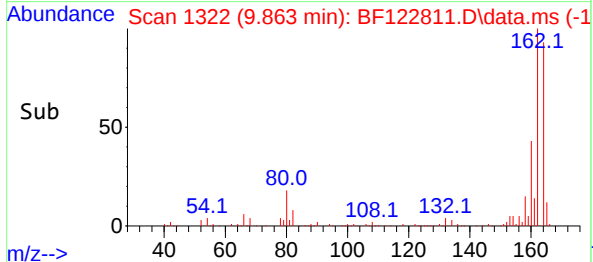
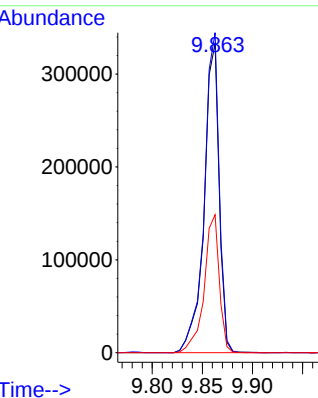
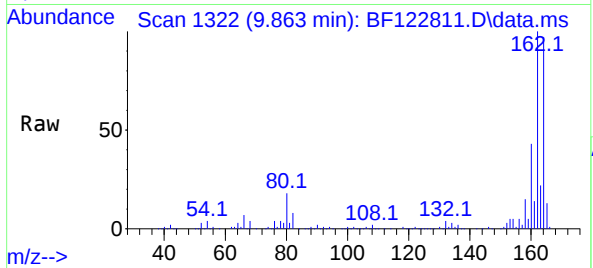
Tgt Ion:164 Resp: 347077

Ion Ratio Lower Upper

164 100

162 103.4 80.8 121.2

160 44.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.72 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF122811.D

Acq: 22 Dec 2020 12:52

Tgt Ion:216 Resp: 479567

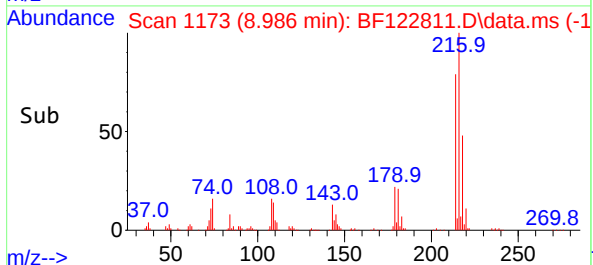
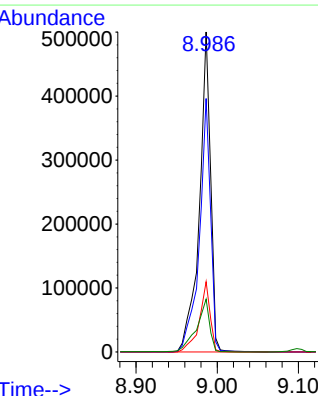
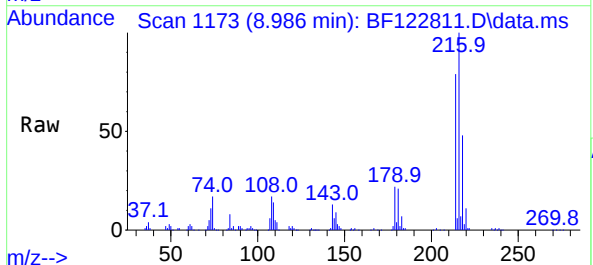
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 21.3 17.1 25.7

108 19.3 14.6 21.8



Instrument :

BNA_F

ClientSampleId :

PB133742BS

Manual Integrations

APPROVED

mohammad

12/23/2020 3:28:01 PM



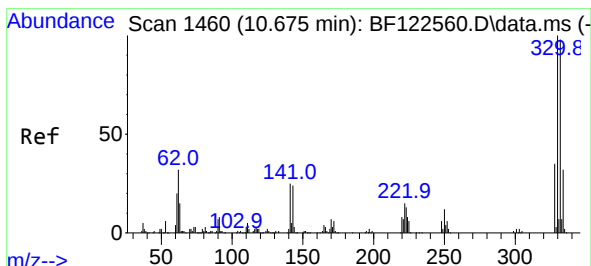
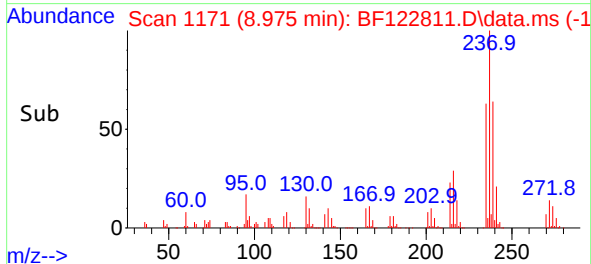
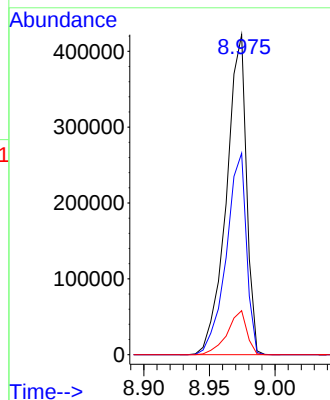
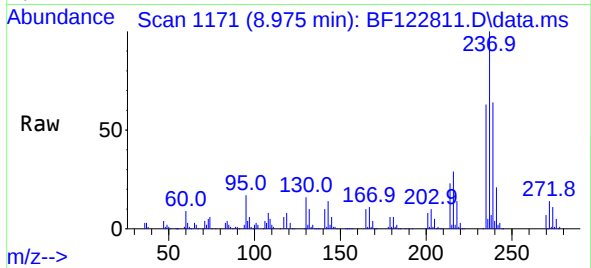
#41
Hexachlorocyclopentadiene
Concen: 88.45 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:237 Resp: 449580
Ion Ratio Lower Upper
237 100
235 62.9 40.9 80.9
272 13.8 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
PB133742BS

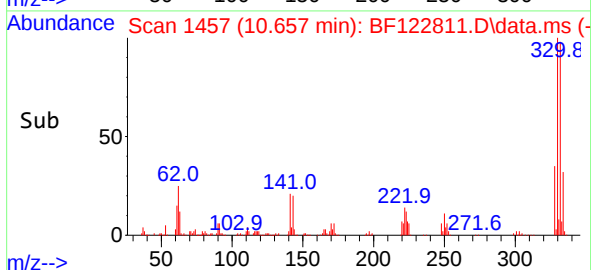
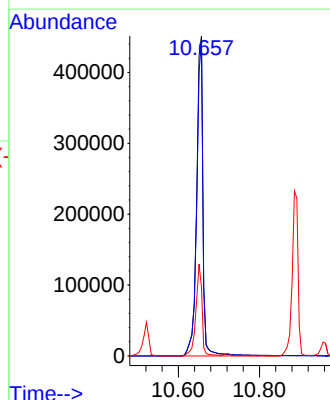
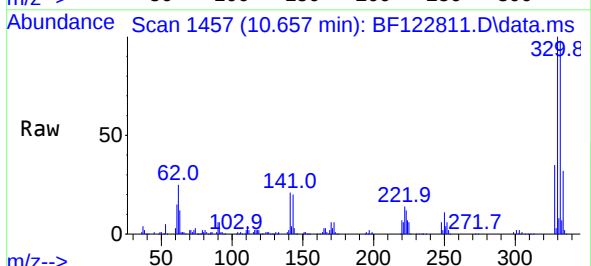
Manual Integrations
APPROVED

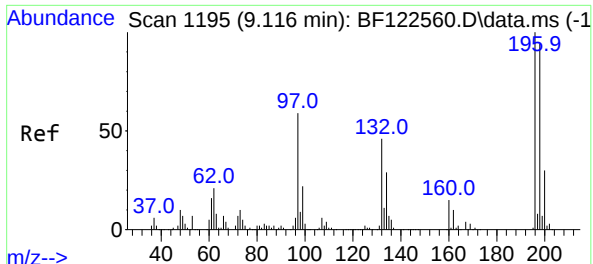
mohammad
12/23/2020 3:28:01 PM



#42
2,4,6-Tribromophenol
Concen: 108.71 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

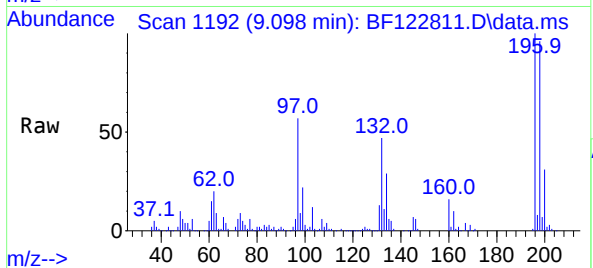
Tgt Ion:330 Resp: 493894
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 27.5 23.8 35.8





#43
2,4,6-Trichlorophenol
Concen: 40.85 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

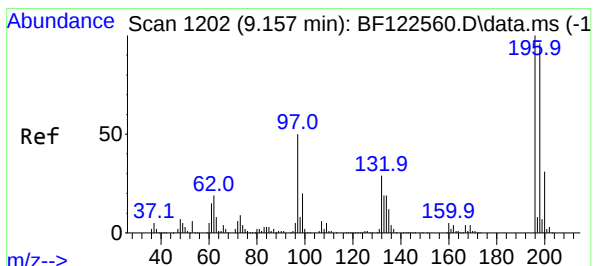
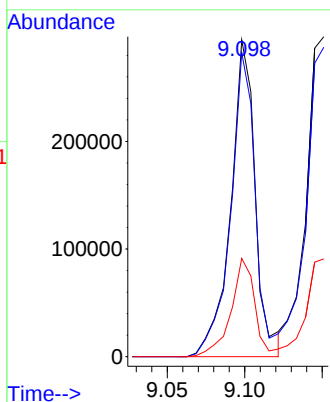
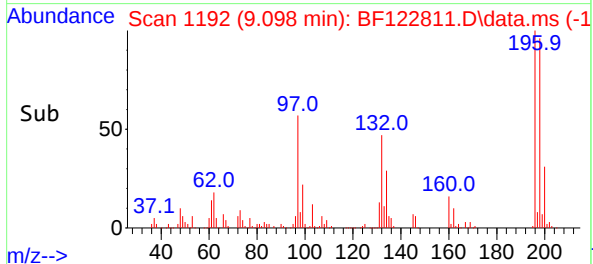
Instrument :
BNA_F
ClientSampleID :
PB133742BS



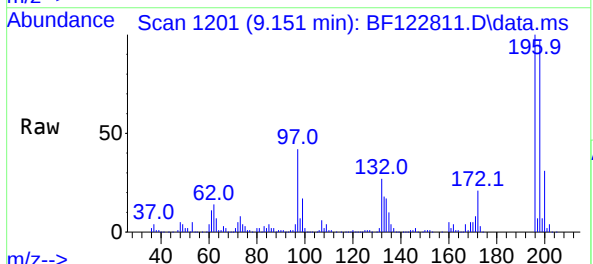
Tgt Ion:196 Resp: 324325
Ion Ratio Lower Upper
196 100
198 96.0 75.1 112.7
200 31.0 23.7 35.5

Manual Integrations
APPROVED

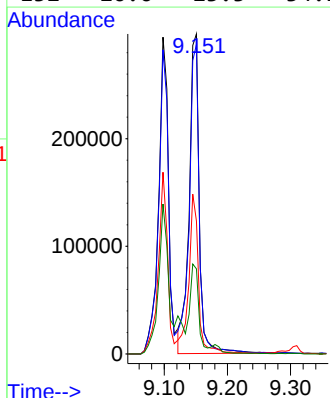
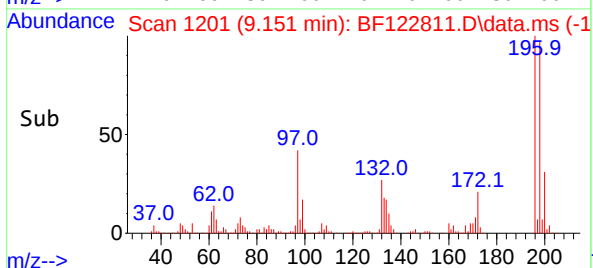
mohammad
12/23/2020 3:28:01 PM

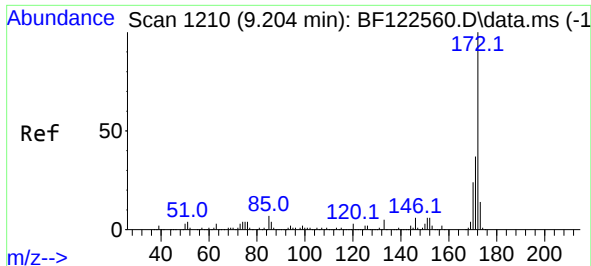


#44
2,4,5-Trichlorophenol
Concen: 40.67 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.011 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



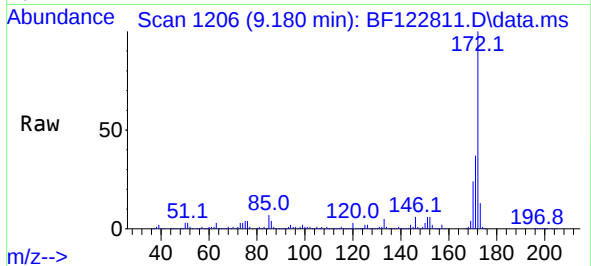
Tgt Ion:196 Resp: 333810
Ion Ratio Lower Upper
196 100
198 96.7 76.5 114.7
97 41.5 40.1 60.1
132 26.6 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 66.66 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

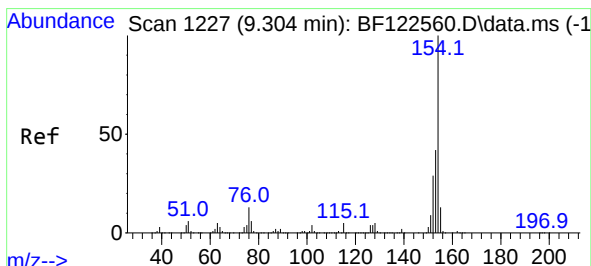
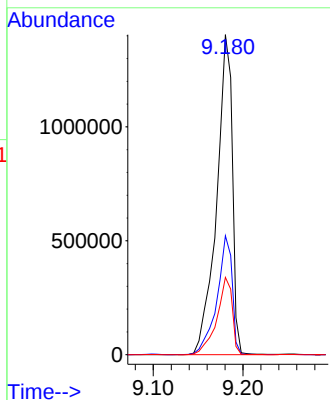
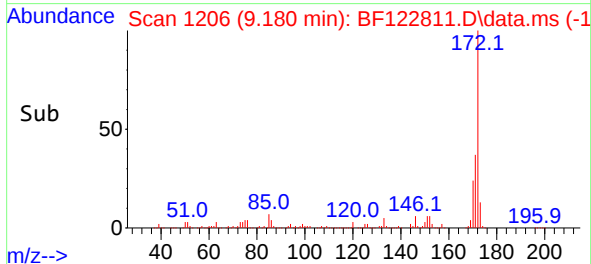
Instrument :
BNA_F
ClientSampleId :
PB133742BS



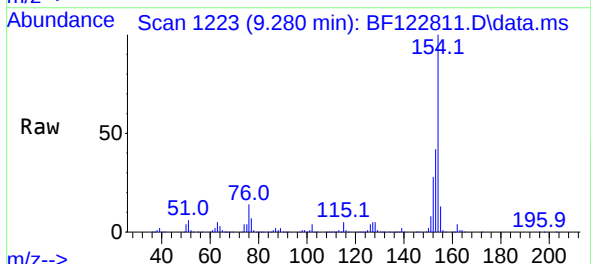
Tgt Ion:172 Resp: 1710496
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.1 19.5 29.3

Manual Integrations
APPROVED

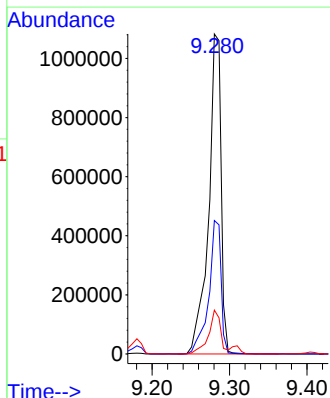
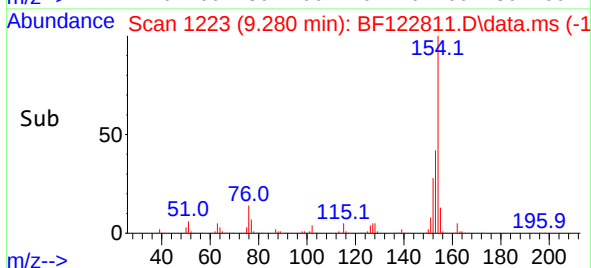
mohammad
12/23/2020 3:28:01 PM

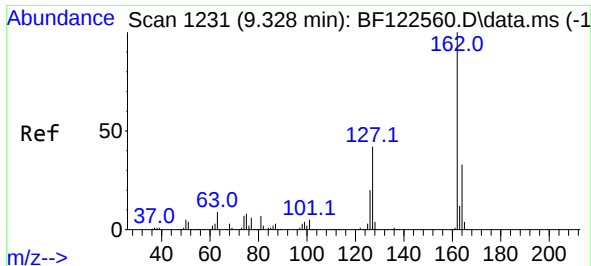


#46
1,1'-Biphenyl
Concen: 42.10 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:154 Resp: 1212581
Ion Ratio Lower Upper
154 100
153 41.7 21.8 61.8
76 13.7 0.0 33.4





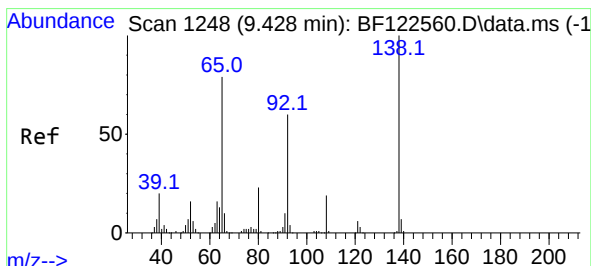
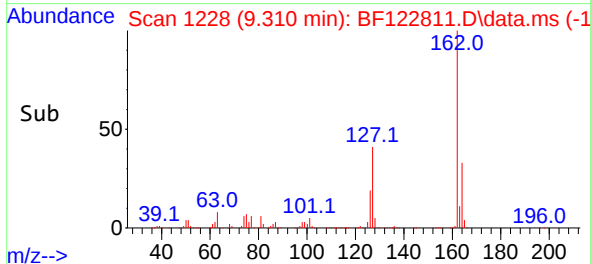
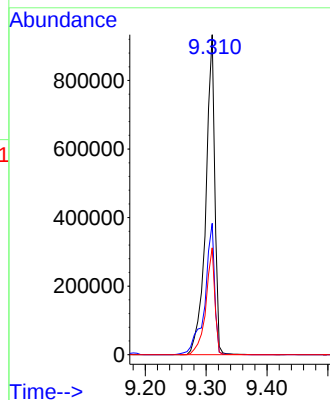
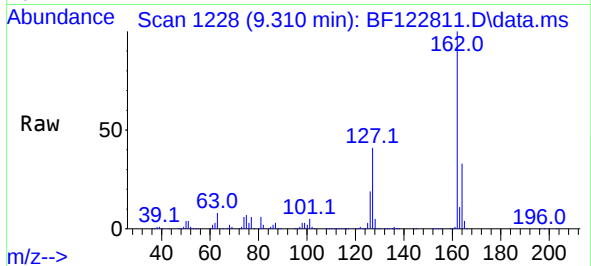
#47
2-Chloronaphthalene
Concen: 40.43 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 162 Resp: 964803
Ion Ratio Lower Upper
162 100
127 41.1 33.8 50.8
164 33.4 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
PB133742BS

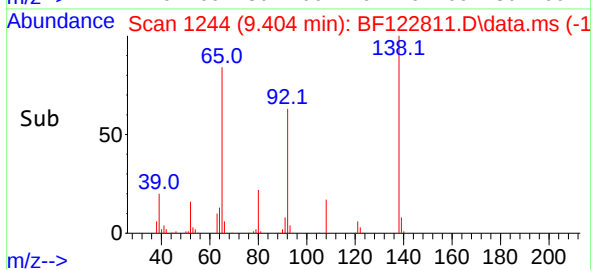
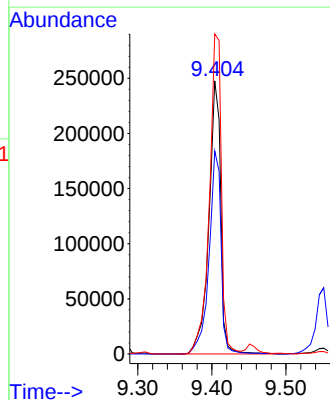
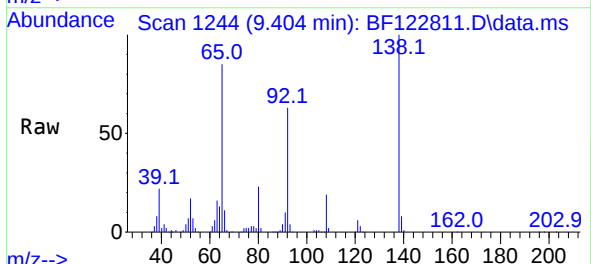
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#48
2-Nitroaniline
Concen: 39.52 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion: 65 Resp: 275001
Ion Ratio Lower Upper
65 100
92 74.3 60.0 90.0
138 117.2 100.6 151.0





#49

Acenaphthylene

Concen: 41.78 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF122811.D

Acq: 22 Dec 2020 12:52

Tgt Ion:152 Resp: 1472931

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

153 13.7 10.9 16.3

Instrument :

BNA_F

ClientSampleId :

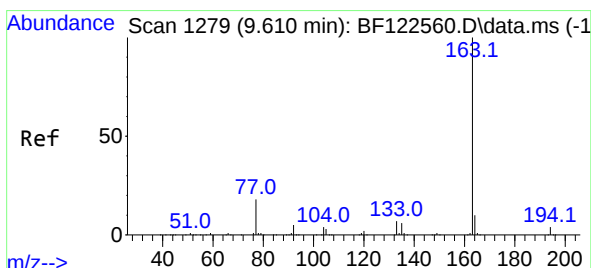
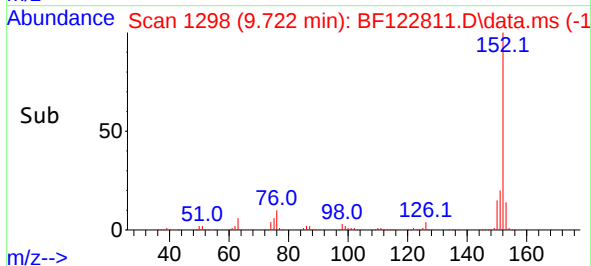
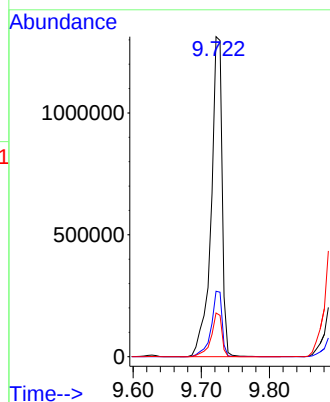
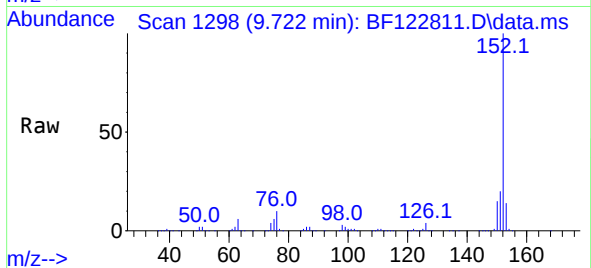
PB133742BS

Manual Integrations

APPROVED

mohammad

12/23/2020 3:28:01 PM



#50

Dimethylphthalate

Concen: 41.21 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF122811.D

Acq: 22 Dec 2020 12:52

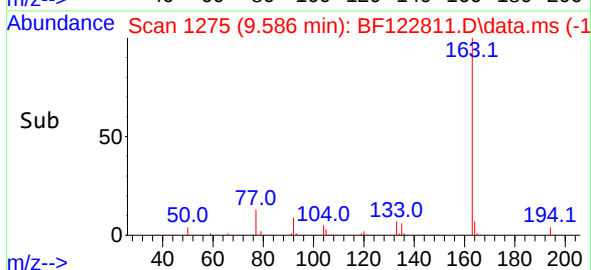
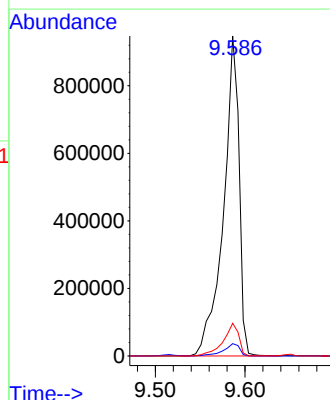
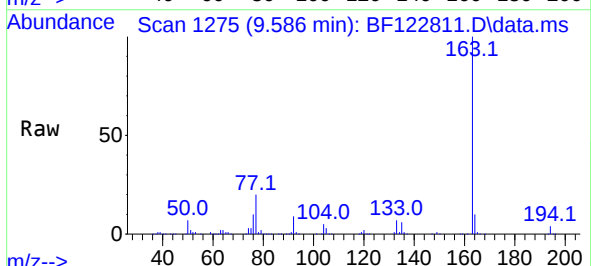
Tgt Ion:163 Resp: 1142296

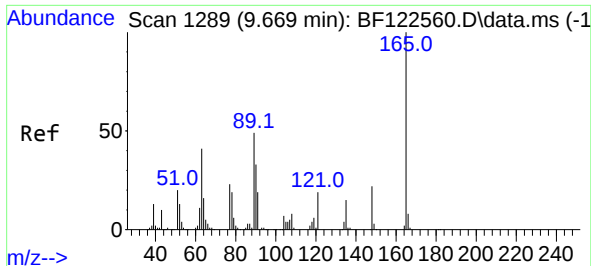
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.2 8.1 12.1





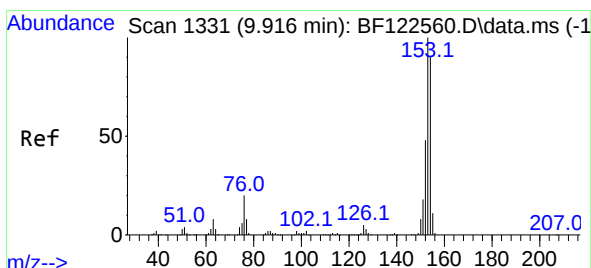
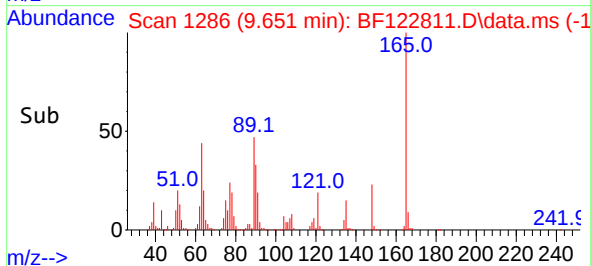
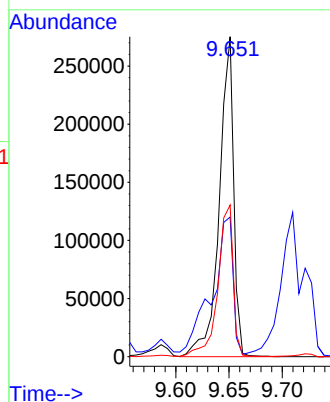
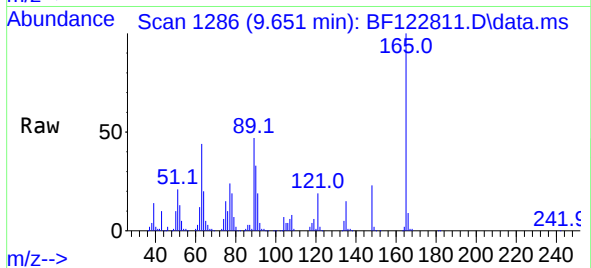
#51
2,6-Dinitrotoluene
Concen: 44.07 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:165 Resp: 257999
Ion Ratio Lower Upper
165 100
63 43.6 36.6 55.0
89 47.4 39.4 59.0

Instrument :
BNA_F
ClientSampleId :
PB133742BS

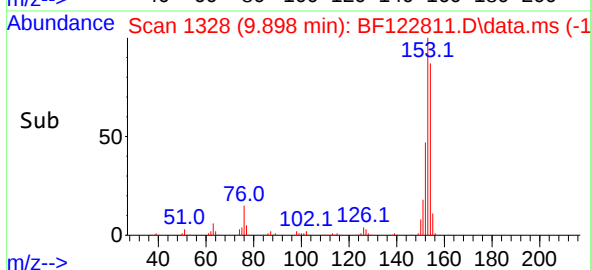
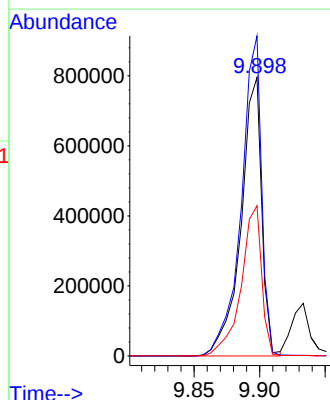
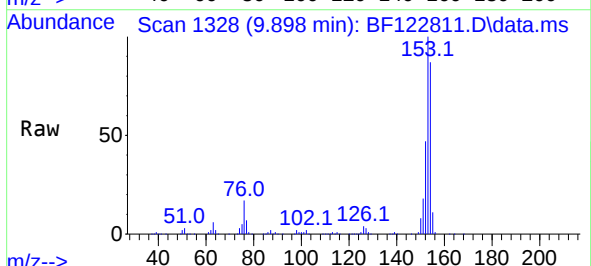
Manual Integrations
APPROVED

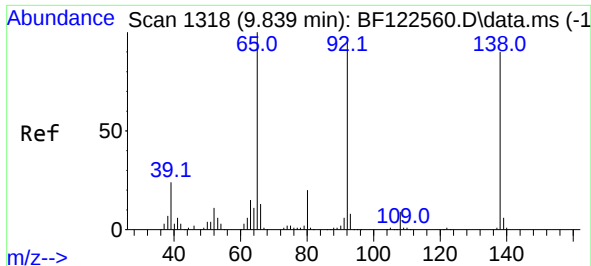
mohammad
12/23/2020 3:28:01 PM



#52
Acenaphthene
Concen: 38.45 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:154 Resp: 876868
Ion Ratio Lower Upper
154 100
153 114.9 89.0 133.6
152 53.9 42.7 64.1





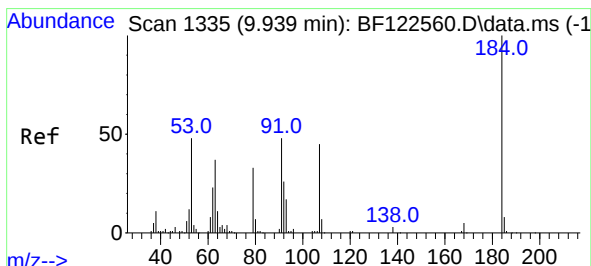
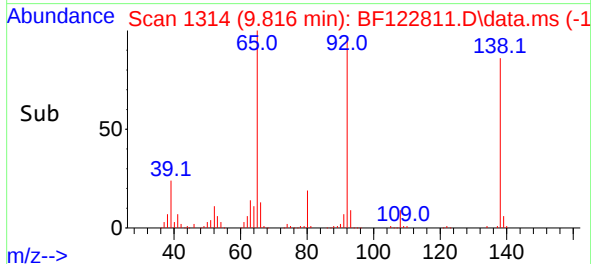
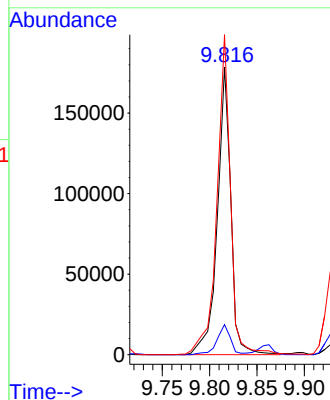
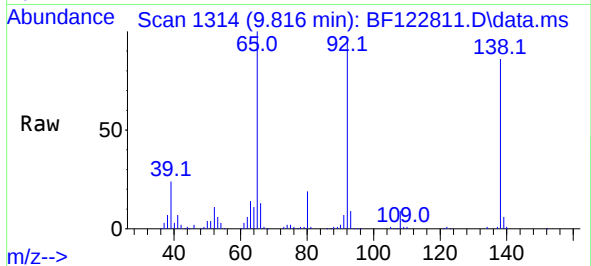
#53
3-Nitroaniline
Concen: 26.19 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:138 Resp: 177139
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 111.2 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
PB133742BS

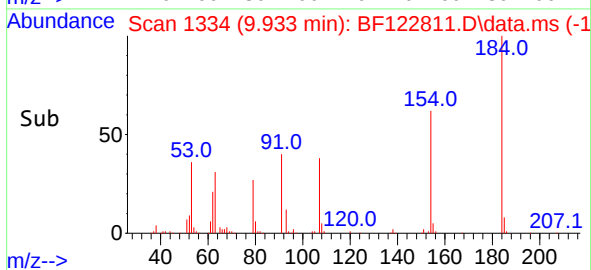
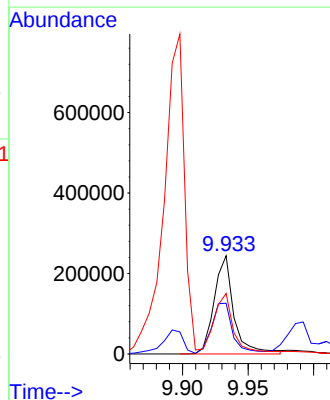
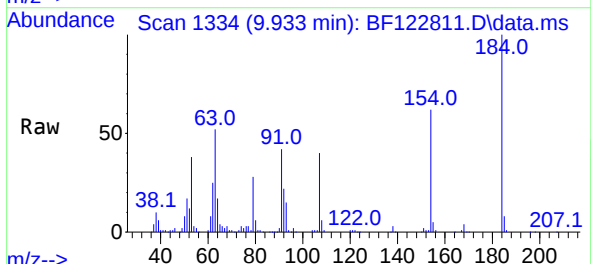
Manual Integrations
APPROVED

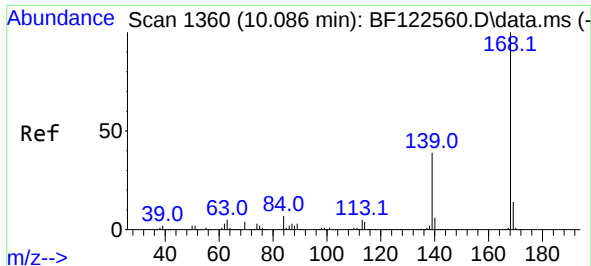
mohammad
12/23/2020 3:28:01 PM



#54
2,4-Dinitrophenol
Concen: 89.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

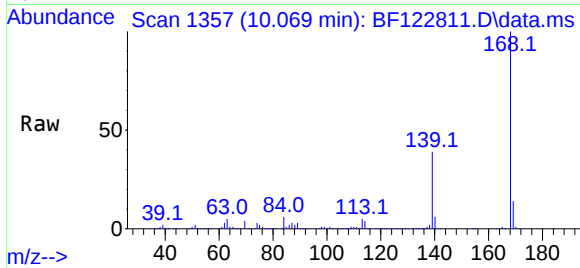
Tgt Ion:184 Resp: 254728
Ion Ratio Lower Upper
184 100
63 51.7 51.4 77.2
154 61.6 49.7 74.5





#55
Dibenzofuran
Concen: 40.97 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

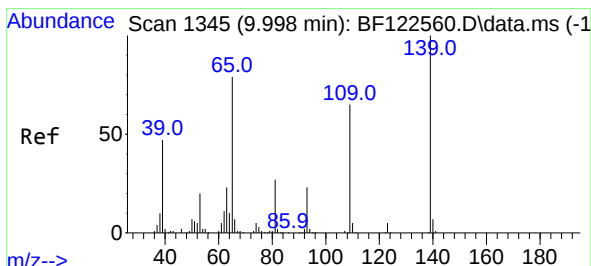
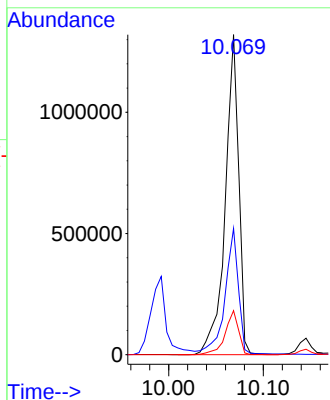
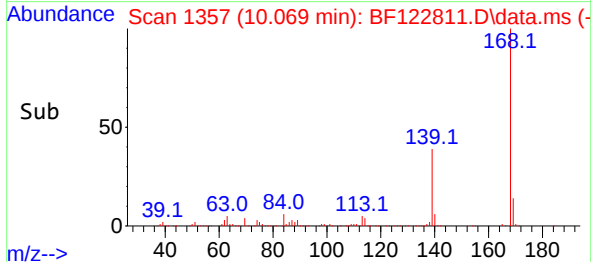
Instrument :
BNA_F
ClientSampleId :
PB133742BS



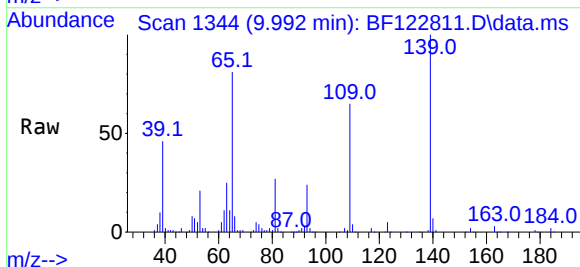
Tgt Ion:168 Resp: 1314291
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.8 11.2 16.8

Manual Integrations
APPROVED

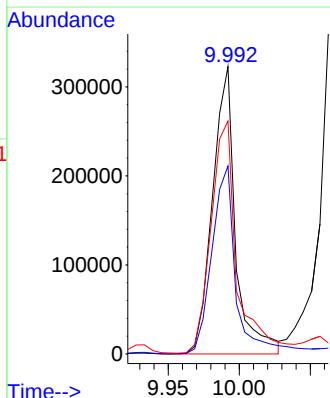
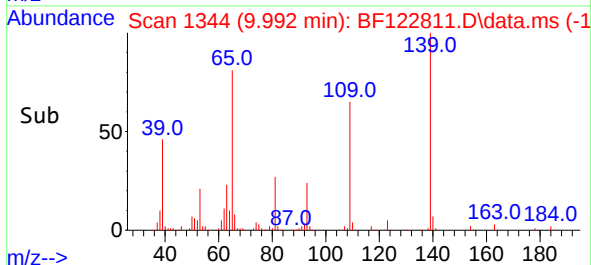
mohammad
12/23/2020 3:28:01 PM



#56
4-Nitrophenol
Concen: 75.49 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.017 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

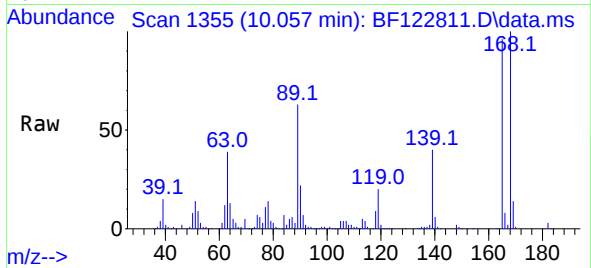


Tgt Ion:139 Resp: 364100
Ion Ratio Lower Upper
139 100
109 65.4 45.1 85.1
65 81.1 59.2 99.2

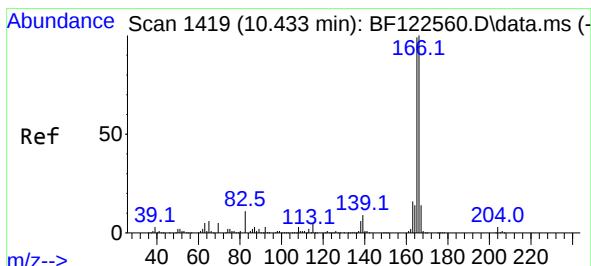
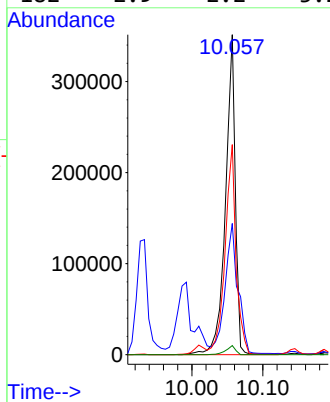
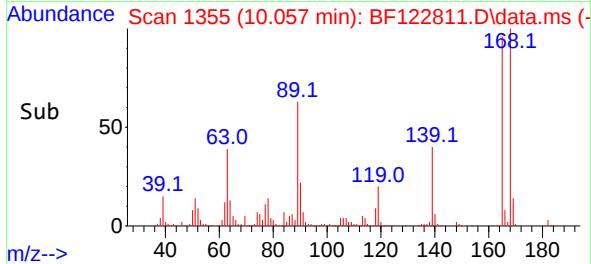




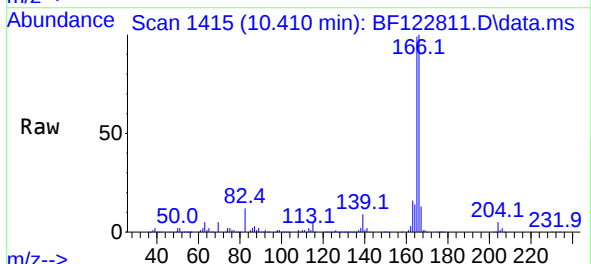
#57
2,4-Dinitrotoluene
Concen: 43.24 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



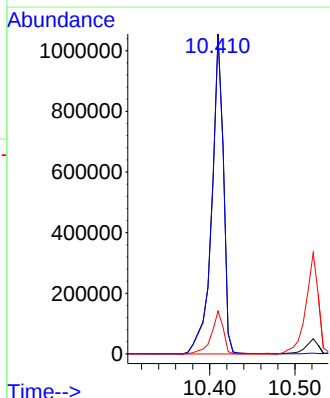
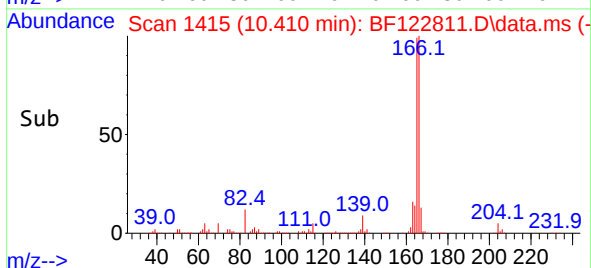
Tgt Ion:165 Resp: 337178
Ion Ratio Lower Upper
165 100
63 41.0 34.3 51.5
89 65.6 55.2 82.8
182 2.9 2.2 3.2



#58
Fluorene
Concen: 39.44 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:166 Resp: 1006393
Ion Ratio Lower Upper
166 100
165 98.9 79.4 119.0
167 13.4 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



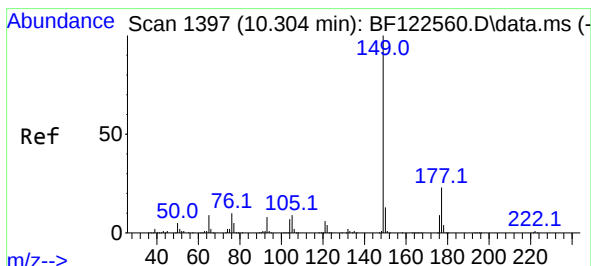
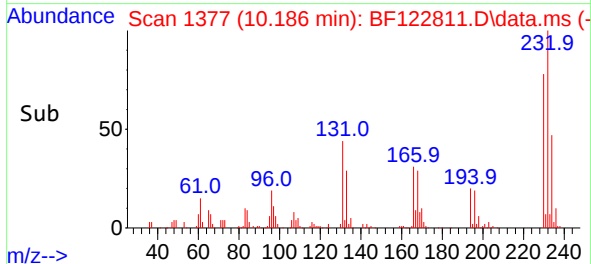
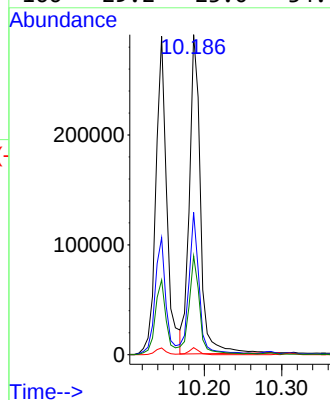
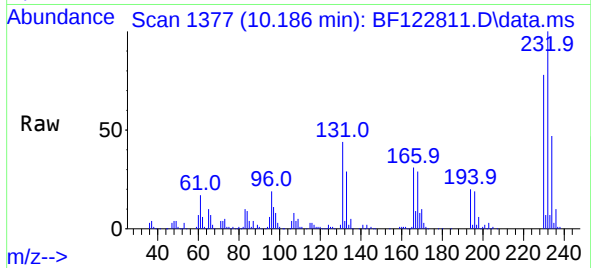
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.84 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:232 Resp: 287285
Ion Ratio Lower Upper
232 100
131 41.4 33.0 49.4
130 2.0 1.7 2.5
166 29.2 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
PB133742BS

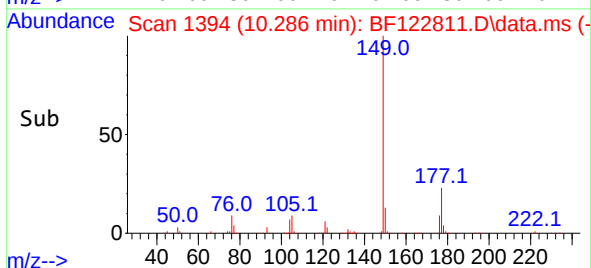
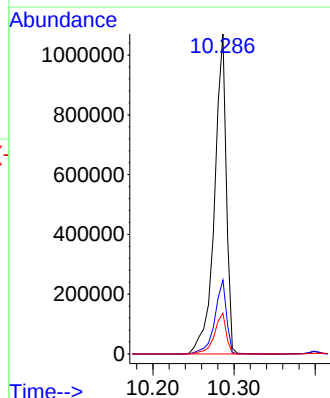
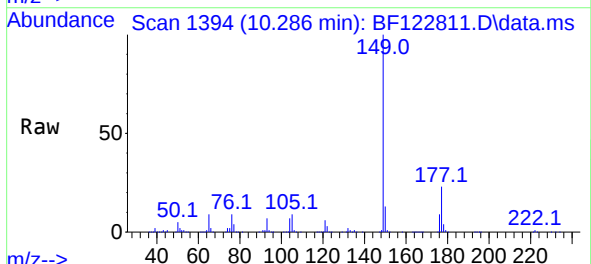
Manual Integrations
APPROVED

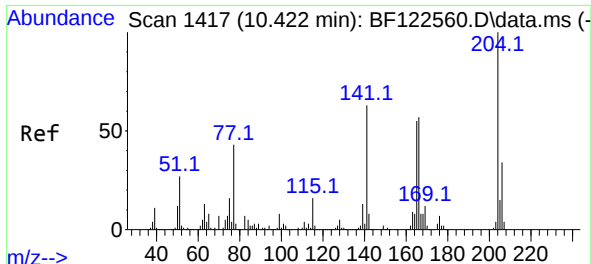
mohammad
12/23/2020 3:28:01 PM



#60
Diethylphthalate
Concen: 39.96 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

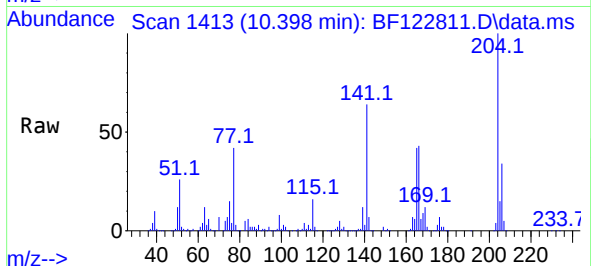
Tgt Ion:149 Resp: 1077231
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.21 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

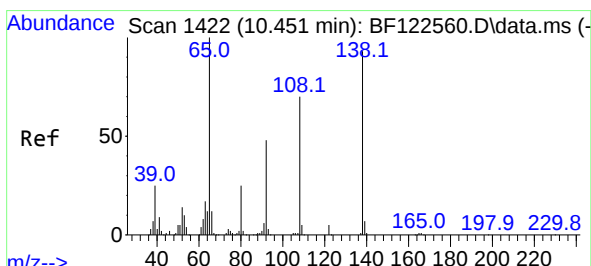
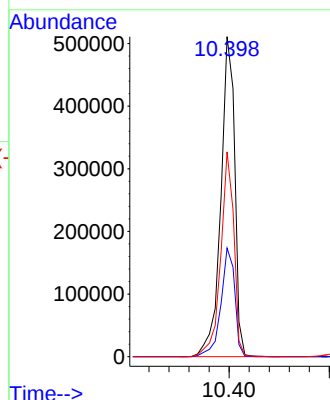
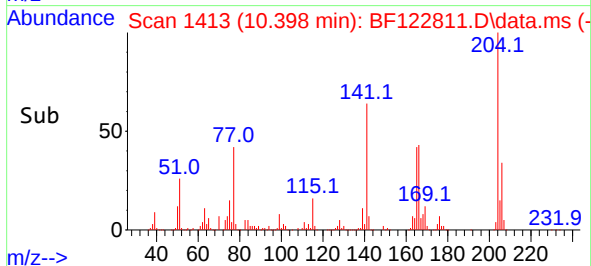
Instrument :
BNA_F
ClientSampleId :
PB133742BS



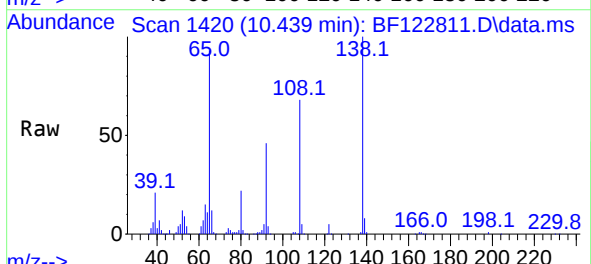
Tgt Ion:204 Resp: 492625
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 64.0 50.4 75.6

Manual Integrations
APPROVED

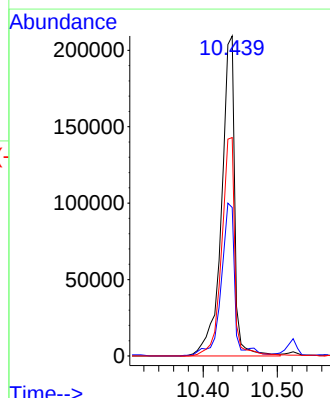
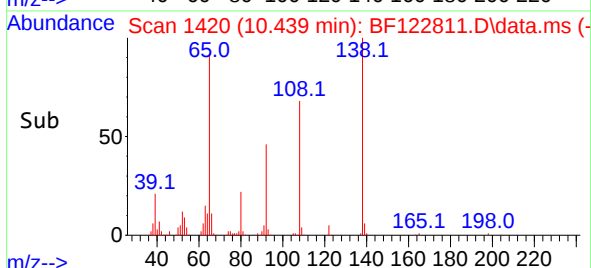
mohammad
12/23/2020 3:28:01 PM

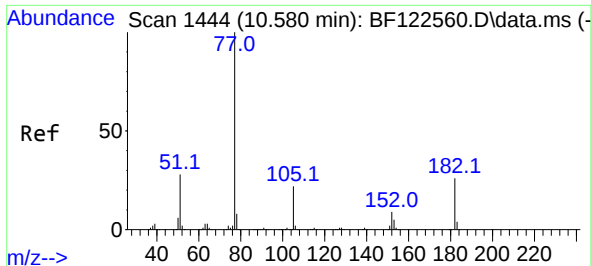


#62
4-Nitroaniline
Concen: 37.93 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.011 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

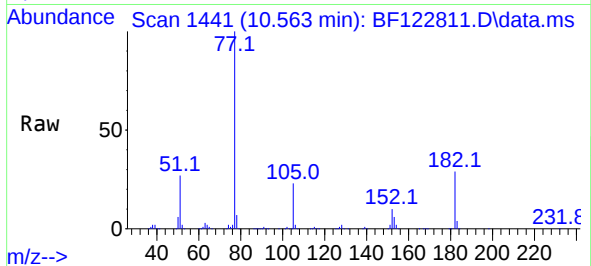


Tgt Ion:138 Resp: 260479
Ion Ratio Lower Upper
138 100
92 46.4 31.0 71.0
108 68.3 54.8 94.8

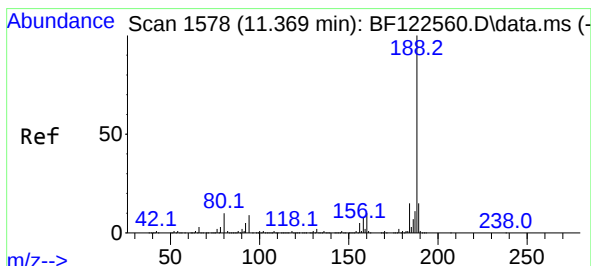
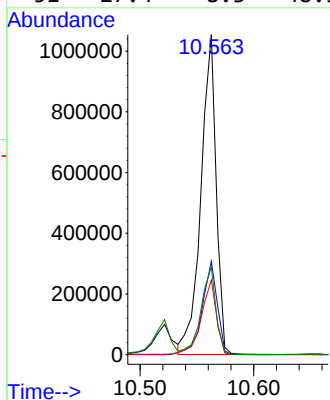
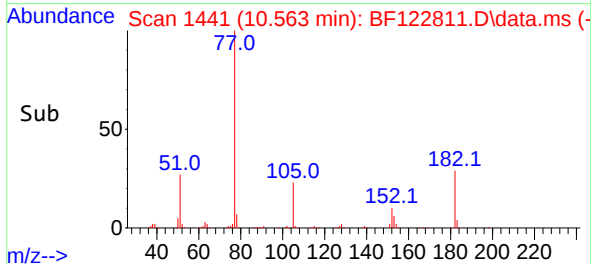




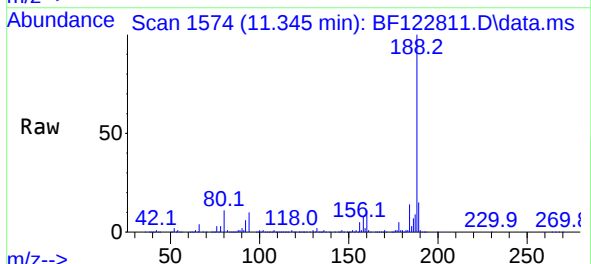
#63
Azobenzene
Concen: 39.67 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



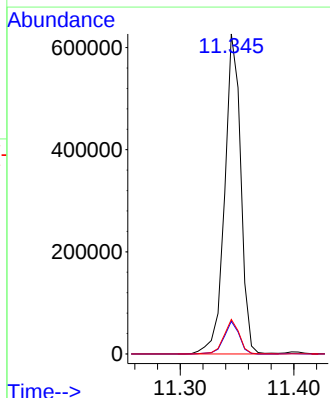
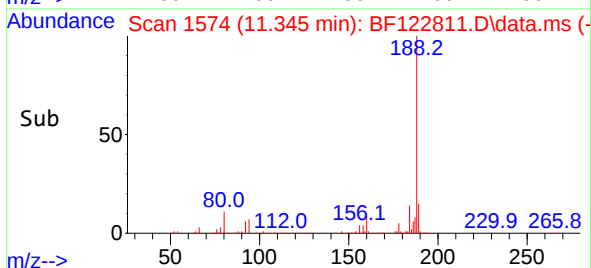
Tgt Ion: 77 Resp: 983219
Ion Ratio Lower Upper
77 100
182 29.1 5.6 45.6
105 23.3 1.8 41.8
51 27.4 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



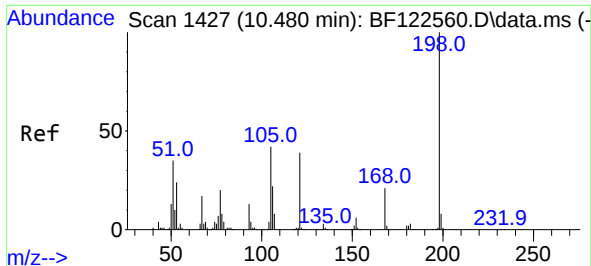
Tgt Ion: 188 Resp: 617905
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 10.8 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



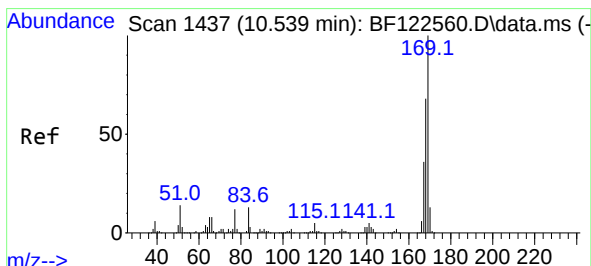
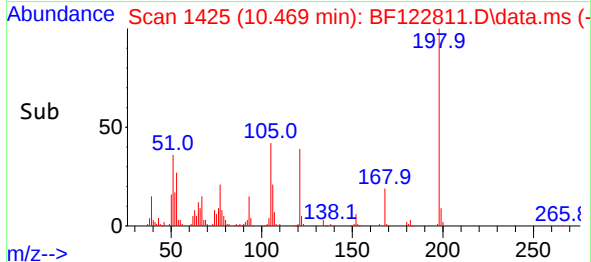
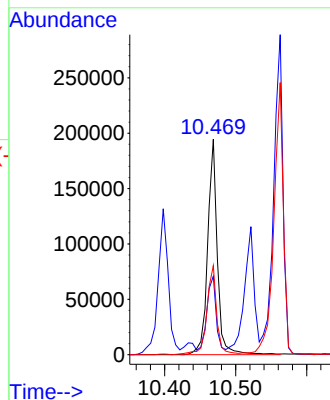
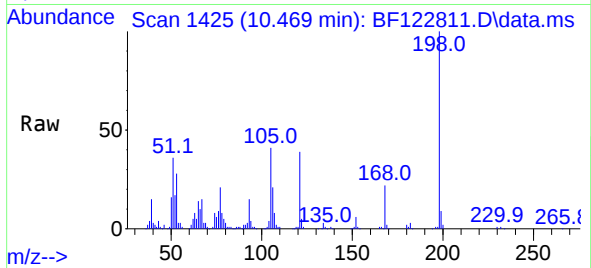
#65
4,6-Dinitro-2-methylphenol
Concen: 49.05 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:198 Resp: 184812
Ion Ratio Lower Upper
198 100
51 36.3 20.3 60.3
105 41.3 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
PB133742BS

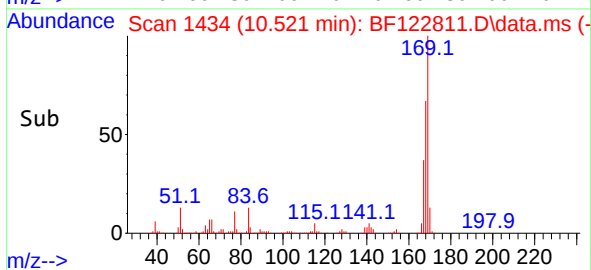
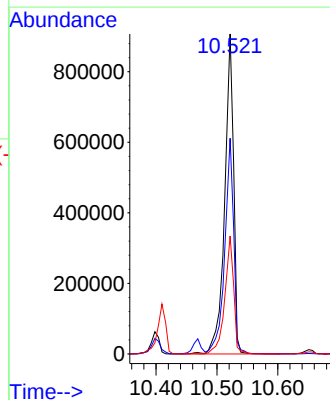
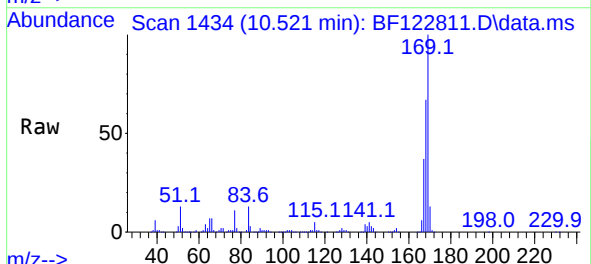
Manual Integrations
APPROVED

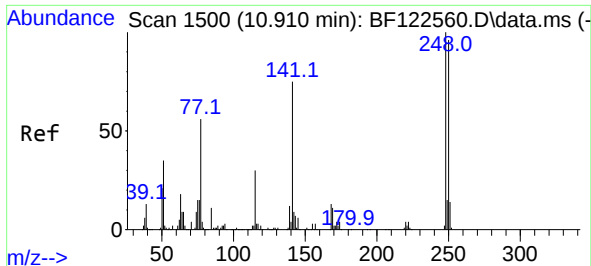
mohammad
12/23/2020 3:28:01 PM



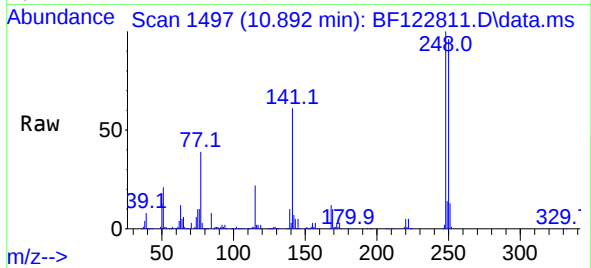
#66
n-Nitrosodiphenylamine
Concen: 42.44 ng
RT: 10.521 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:169 Resp: 926632
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 36.8 29.2 43.8

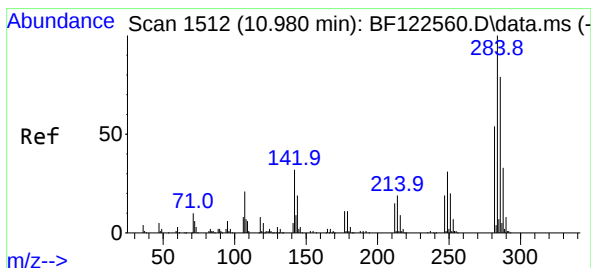
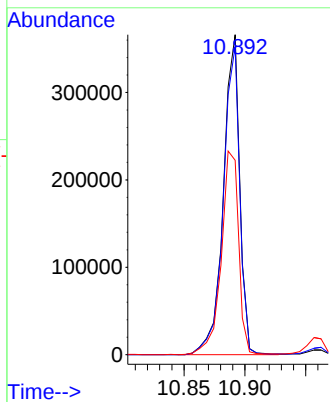
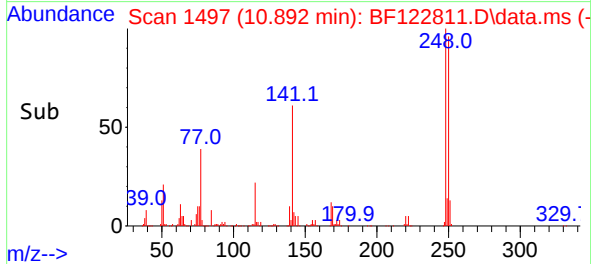




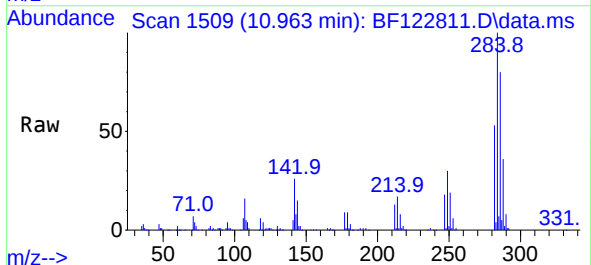
#67
4-Bromophenyl-phenylether
Concen: 41.12 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



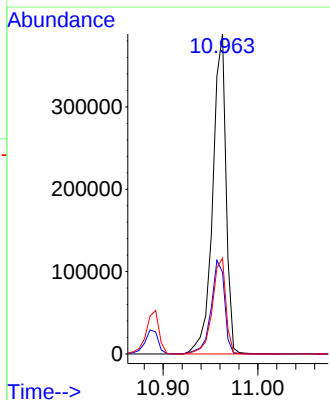
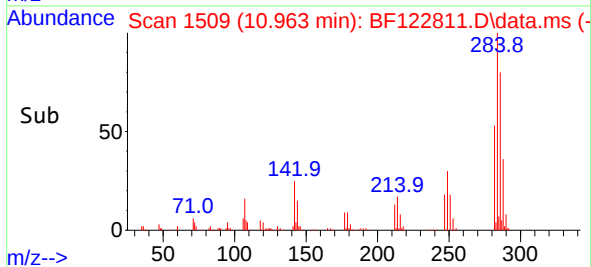
Tgt Ion:248 Resp: 344284
Ion Ratio Lower Upper
248 100
250 96.3 76.8 115.2
141 60.7 59.8 89.8



#68
Hexachlorobenzene
Concen: 41.10 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:284 Resp: 380428
Ion Ratio Lower Upper
284 100
142 25.6 25.6 38.4#
249 30.0 25.1 37.7



Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



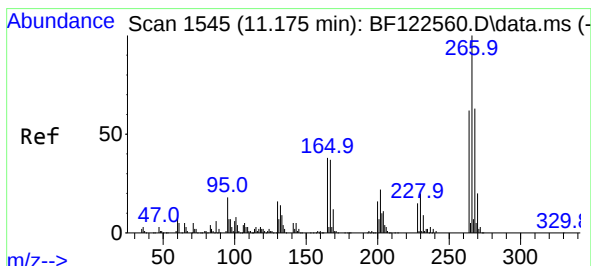
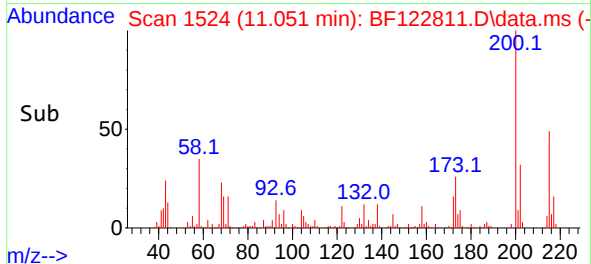
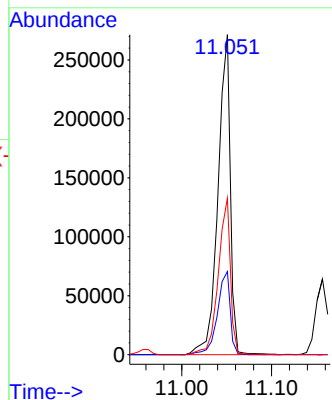
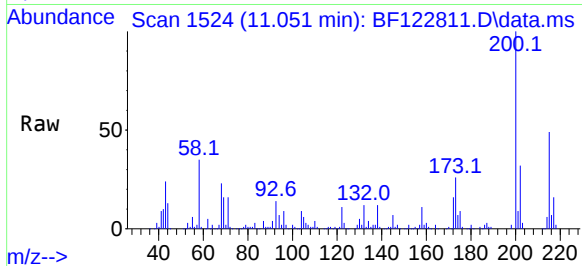
#69
Atrazine
Concen: 36.59 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

Tgt Ion:200 Resp: 259420
Ion Ratio Lower Upper
200 100
173 26.0 6.6 46.6
215 48.9 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
PB133742BS

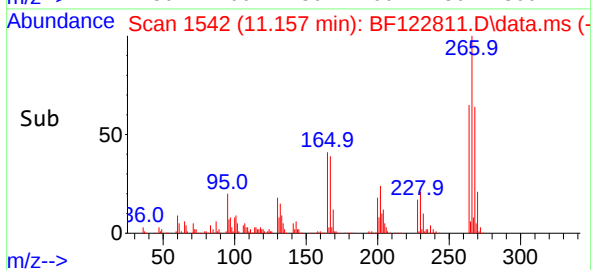
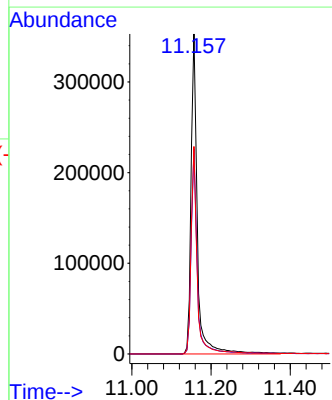
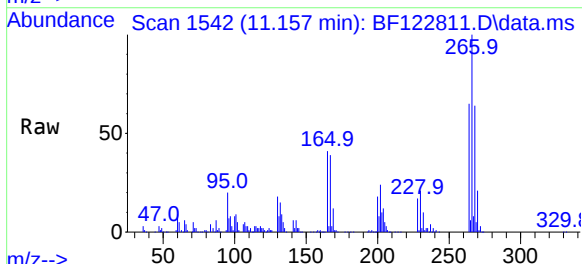
Manual Integrations
APPROVED

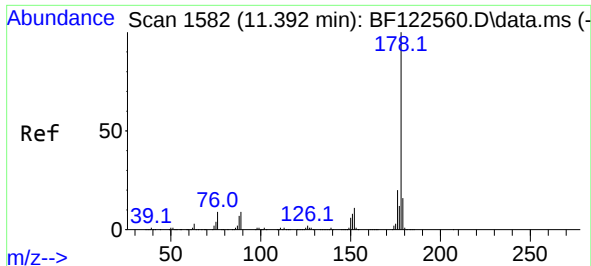
mohammad
12/23/2020 3:28:01 PM



#70
Pentachlorophenol
Concen: 80.06 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

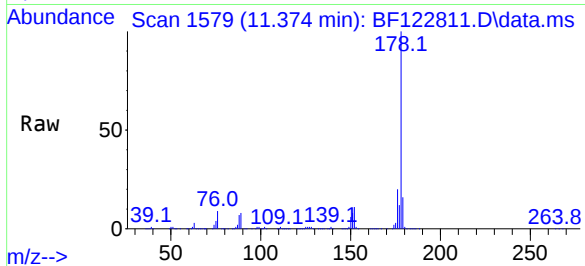
Tgt Ion:266 Resp: 392649
Ion Ratio Lower Upper
266 100
268 64.1 50.5 75.7
264 64.9 49.8 74.8





#71
Phenanthrene
Concen: 40.51 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

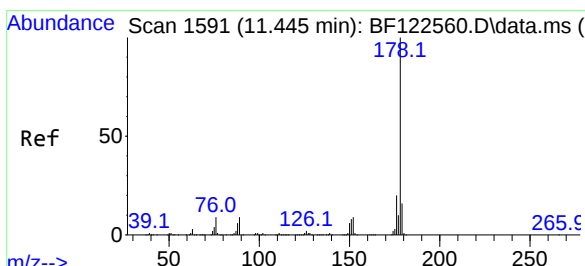
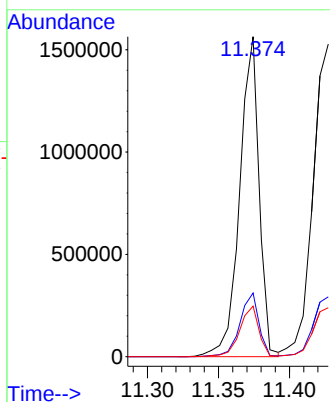
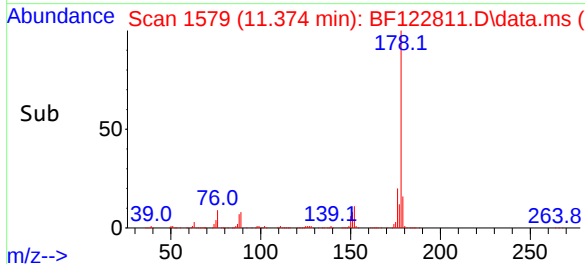
Instrument :
BNA_F
ClientSampleId :
PB133742BS



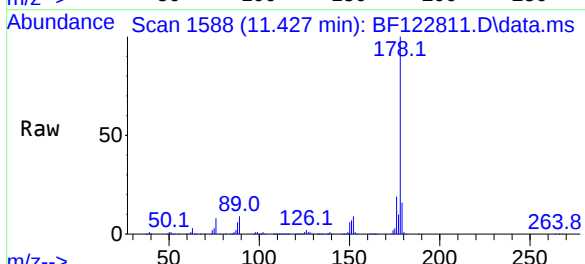
Tgt Ion:178 Resp: 1487722
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.8 12.7 19.1

Manual Integrations
APPROVED

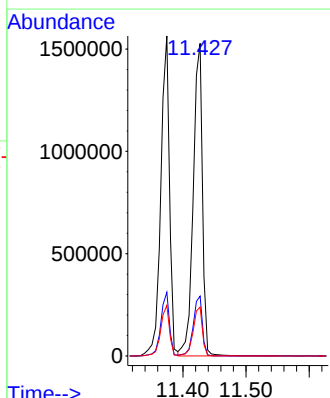
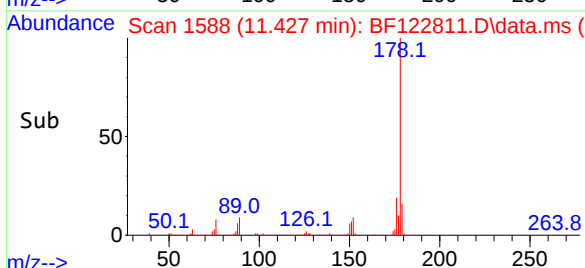
mohammad
12/23/2020 3:28:01 PM

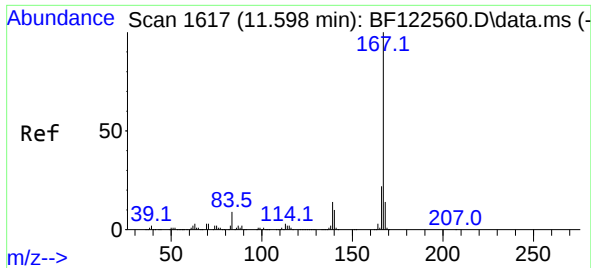


#72
Anthracene
Concen: 42.38 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

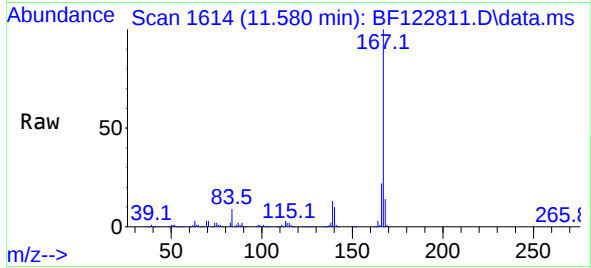


Tgt Ion:178 Resp: 1543409
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.6 12.8 19.2



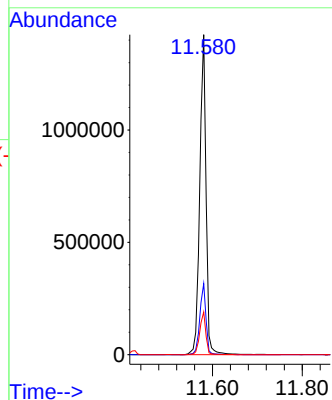


#73
 Carbazole
 Concen: 42.03 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122811.D
 Acq: 22 Dec 2020 12:52



Tgt Ion:167 Resp: 1388168

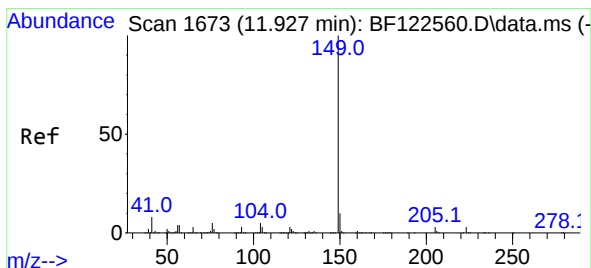
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.0	27.0
139	13.4	10.9	16.3



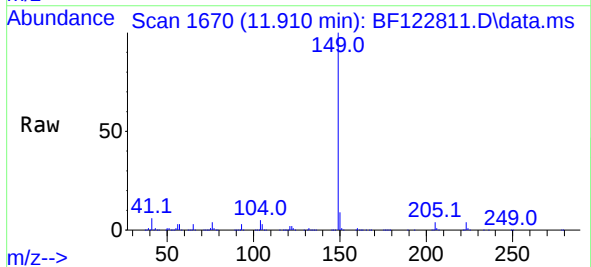
Instrument :
 BNA_F
 ClientSampleId :
 PB133742BS

Manual Integrations
 APPROVED

mohammad
 12/23/2020 3:28:01 PM

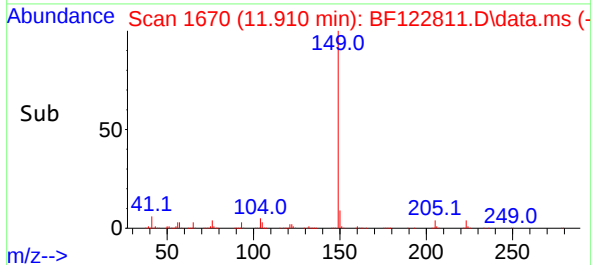
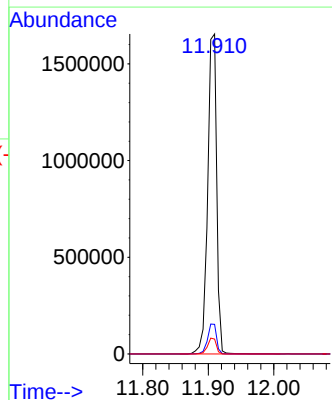


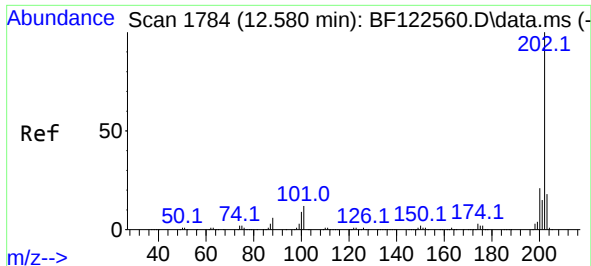
#74
 Di-n-butylphthalate
 Concen: 38.14 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF122811.D
 Acq: 22 Dec 2020 12:52



Tgt Ion:149 Resp: 1582667

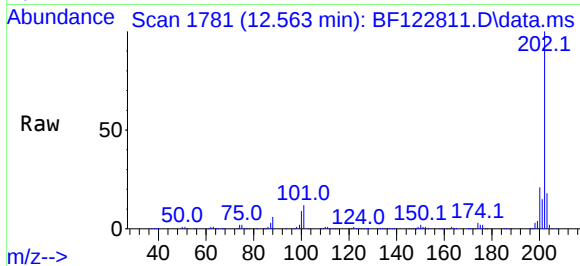
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	4.2	6.4





#75
Fluoranthene
Concen: 40.22 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

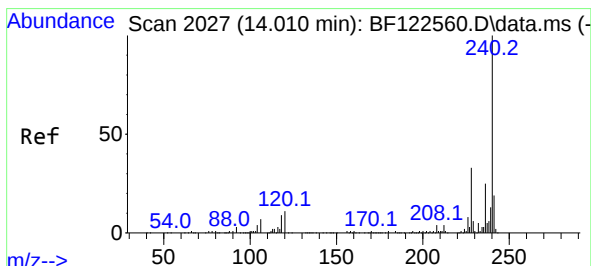
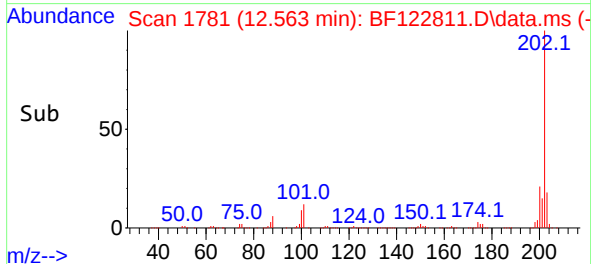
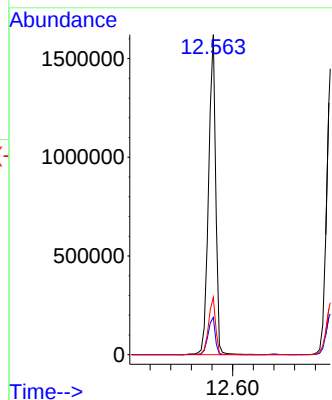
Instrument :
BNA_F
ClientSampleId :
PB133742BS



Tgt Ion:202 Resp: 1548858
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.2
203 17.9 0.0 38.1

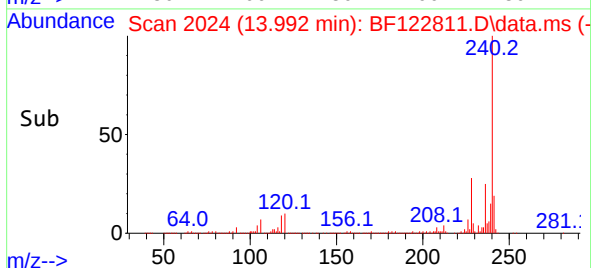
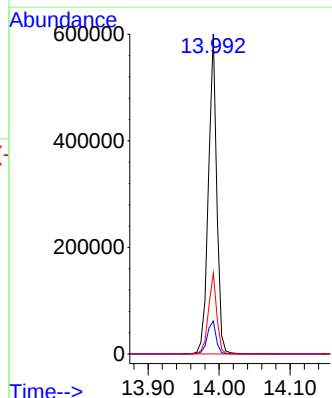
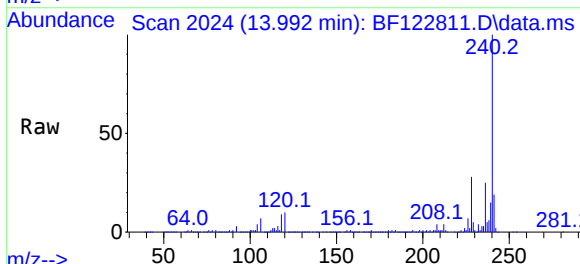
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

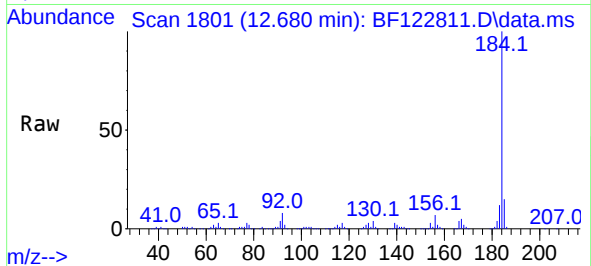
Tgt Ion:240 Resp: 491405
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.3 20.3 30.5





#77
Benzidine
Concen: 60.77 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

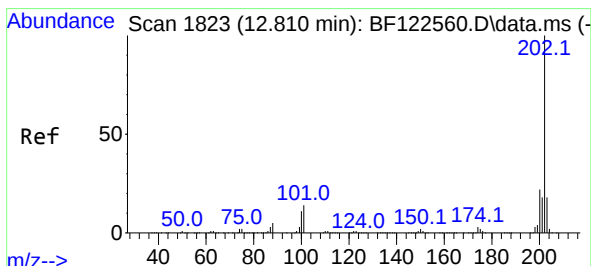
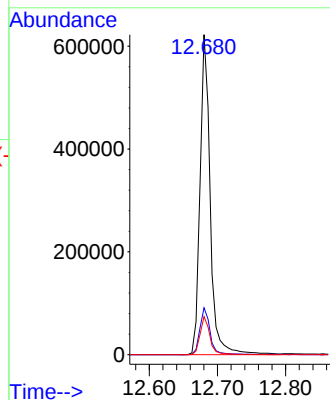
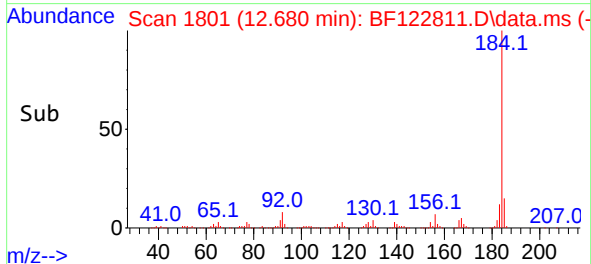
Instrument :
BNA_F
ClientSampleId :
PB133742BS



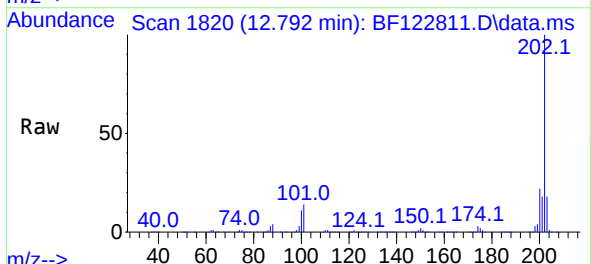
Tgt Ion:184 Resp: 645950
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.9 9.7 14.5

Manual Integrations
APPROVED

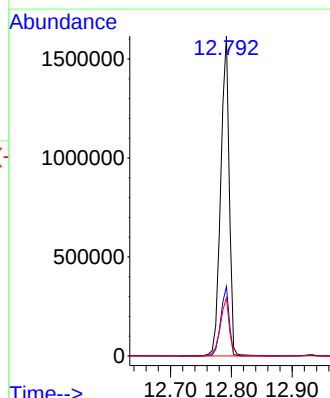
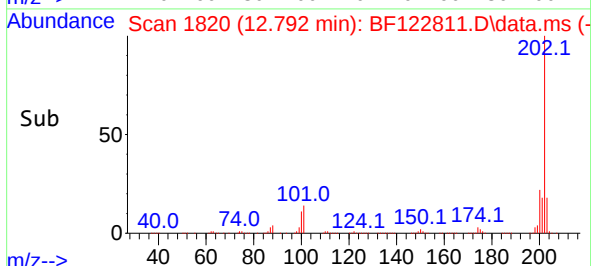
mohammad
12/23/2020 3:28:01 PM



#78
Pyrene
Concen: 41.04 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

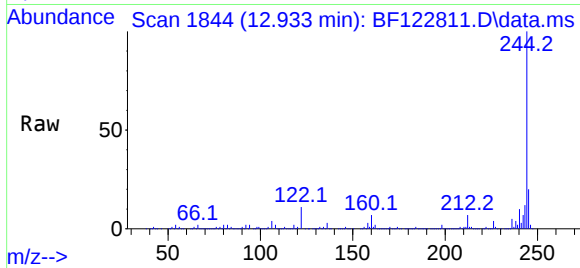


Tgt Ion:202 Resp: 1559198
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.1 14.6 21.8

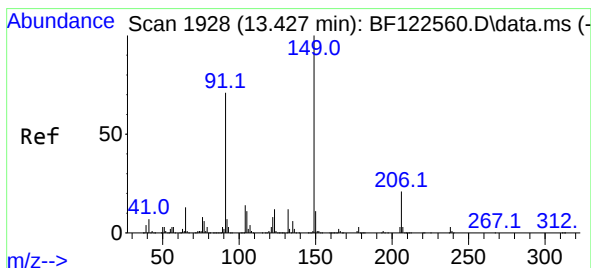
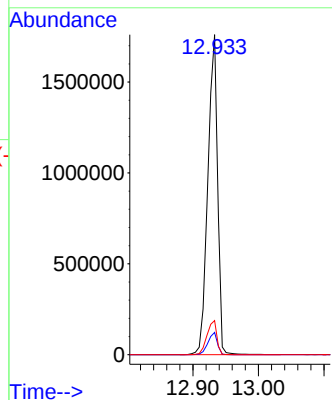
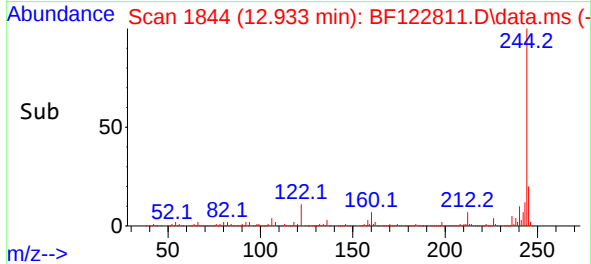




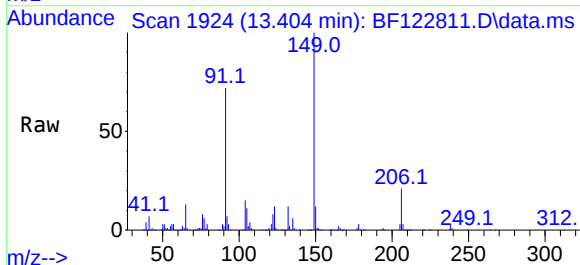
#79
Terphenyl-d14
Concen: 65.04 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



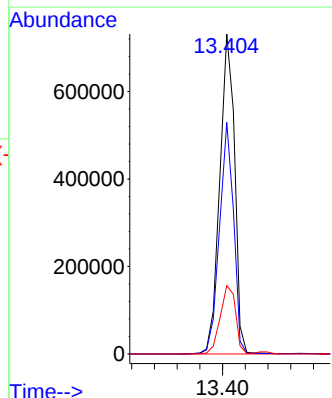
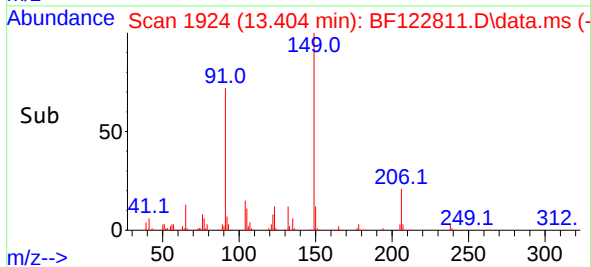
Tgt Ion:244 Resp: 1825918
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.7 8.3 12.5



#80
Butylbenzylphthalate
Concen: 38.96 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:149 Resp: 666720
Ion Ratio Lower Upper
149 100
91 72.4 56.5 84.7
206 21.4 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
PB133742BS

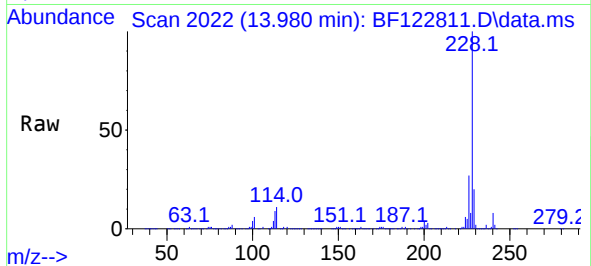
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#81
Benzo(a)anthracene
Concen: 41.80 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

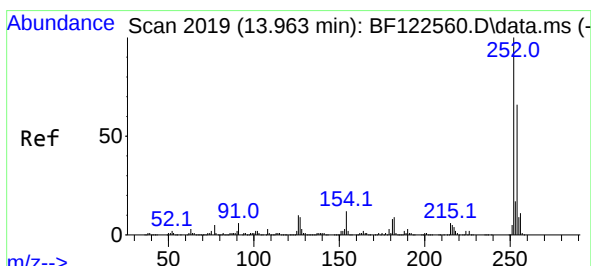
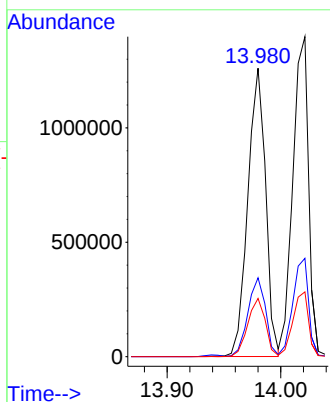
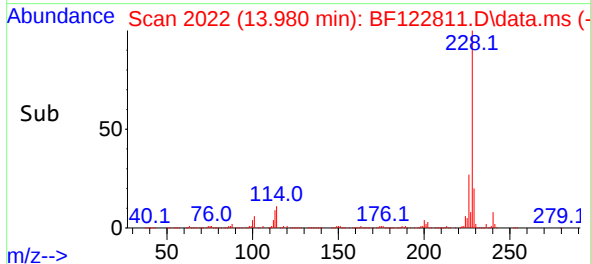
Instrument :
BNA_F
ClientSampleId :
PB133742BS



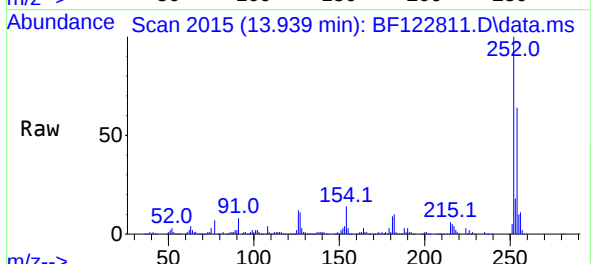
Tgt Ion:228 Resp: 1372629
Ion Ratio Lower Upper
228 100
226 27.4 23.0 34.4
229 20.2 16.6 24.8

Manual Integrations
APPROVED

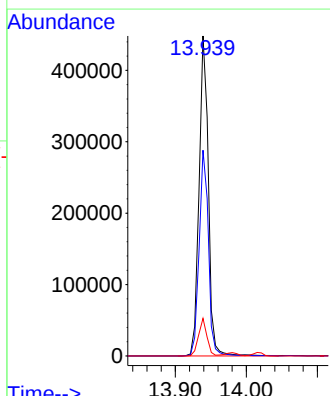
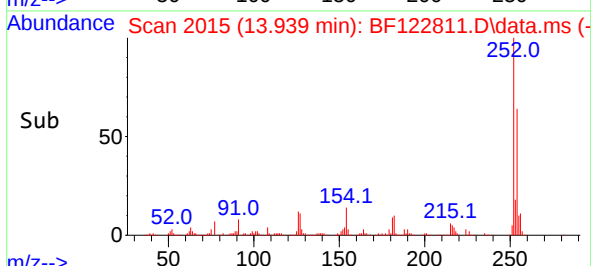
mohammad
12/23/2020 3:28:01 PM

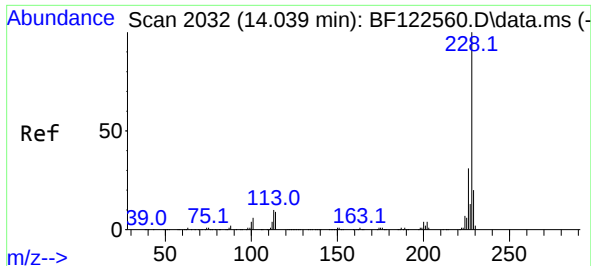


#82
3,3'-Dichlorobenzidine
Concen: 34.70 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

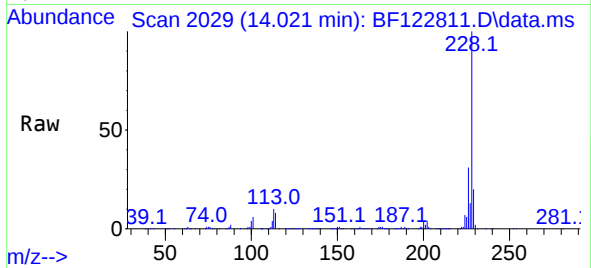


Tgt Ion:252 Resp: 408166
Ion Ratio Lower Upper
252 100
254 64.3 52.7 79.1
126 11.8 8.0 12.0



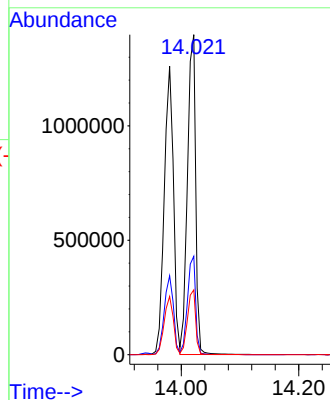
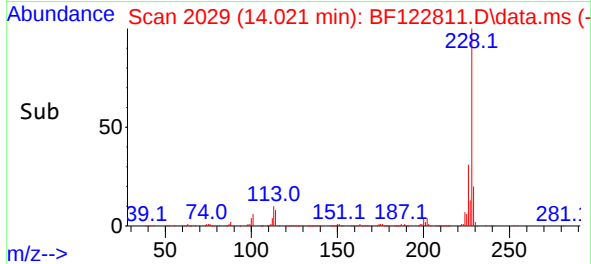


#83
Chrysene
Concen: 41.51 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:228 Resp: 1356737

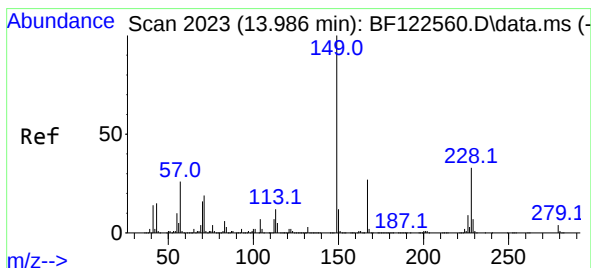
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	20.3	15.8	23.6



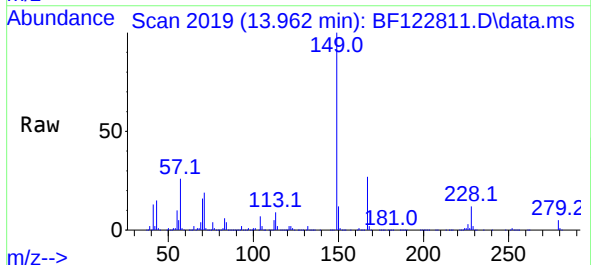
Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM

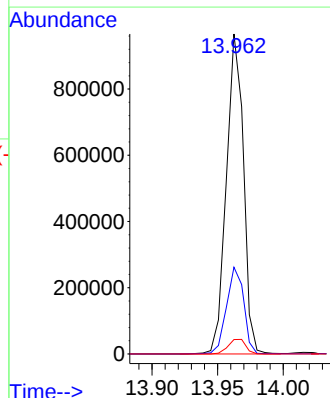
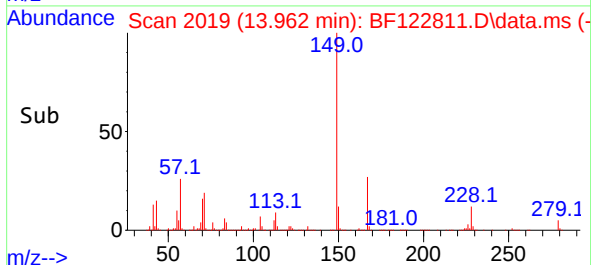


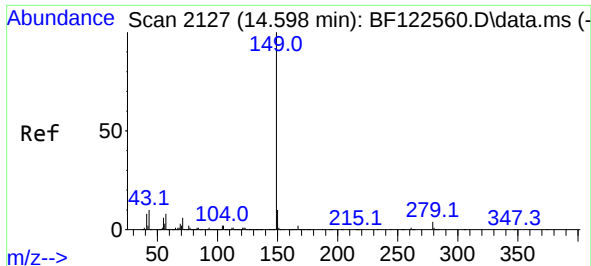
#84
Bis(2-ethylhexyl)phthalate
Concen: 37.38 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



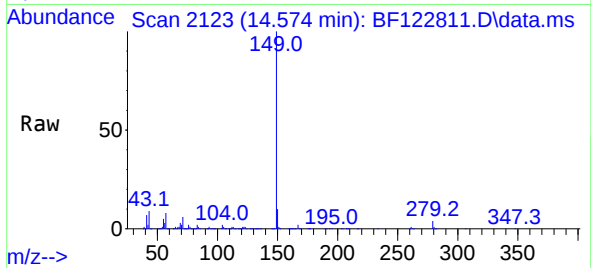
Tgt Ion:149 Resp: 875926

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.2
279	4.5	3.4	5.0

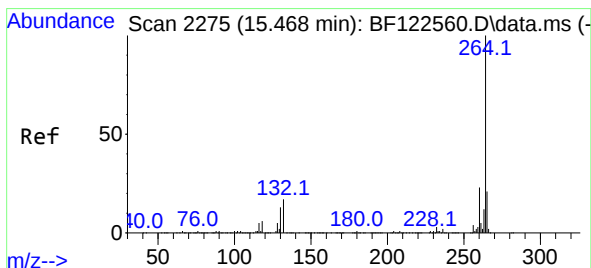
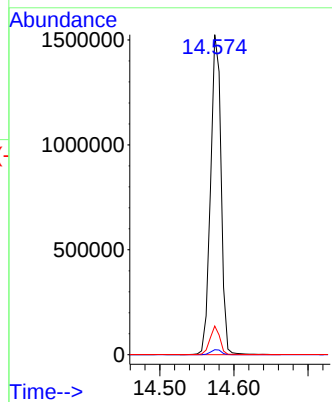
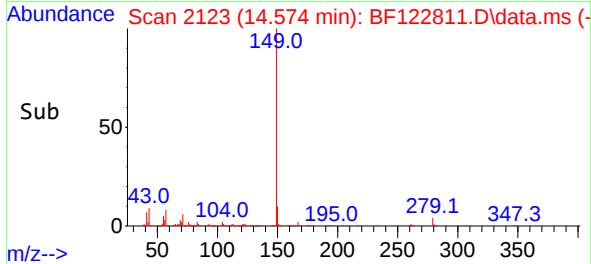




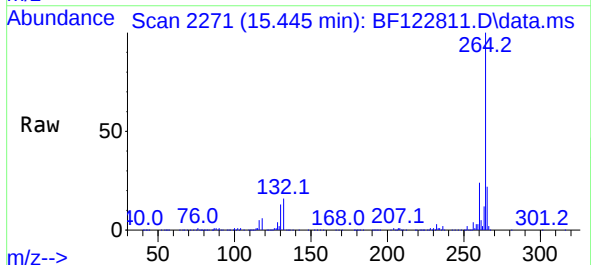
#85
Di-n-octyl phthalate
Concen: 38.53 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



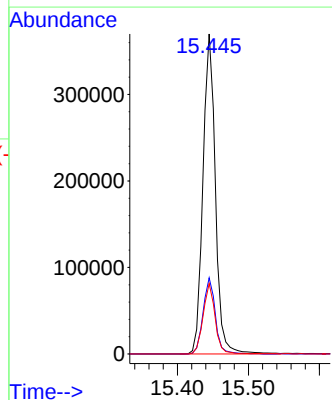
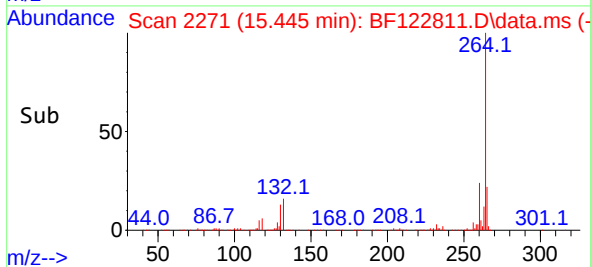
Tgt Ion:149 Resp: 1497865
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



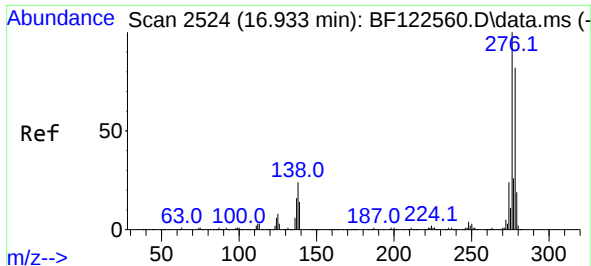
Tgt Ion:264 Resp: 451994
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.0 17.0 25.6



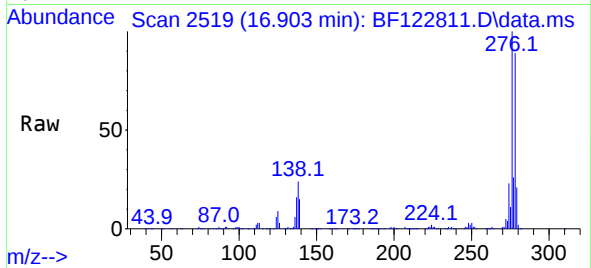
Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

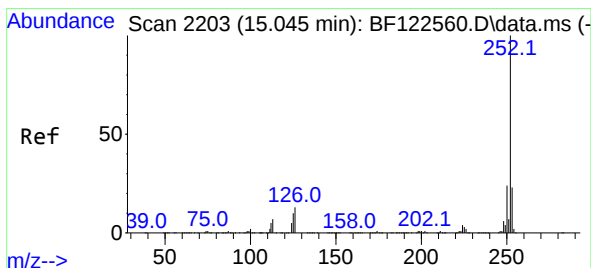
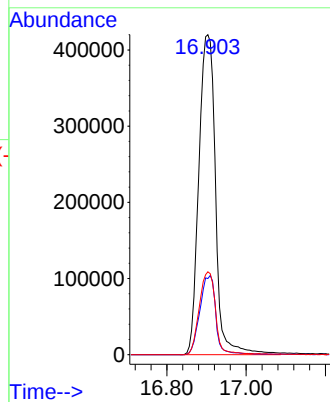
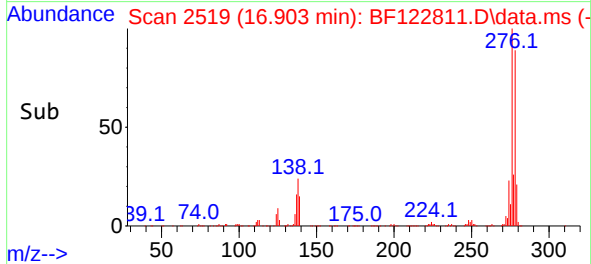
mohammad
12/23/2020 3:28:01 PM



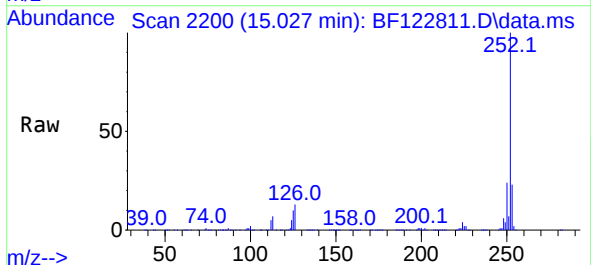
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.45 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.011 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



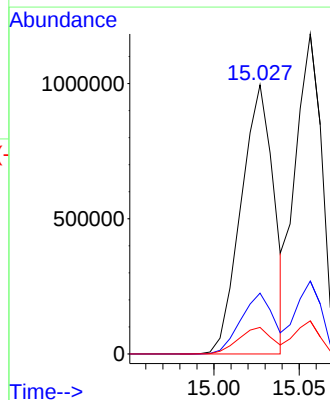
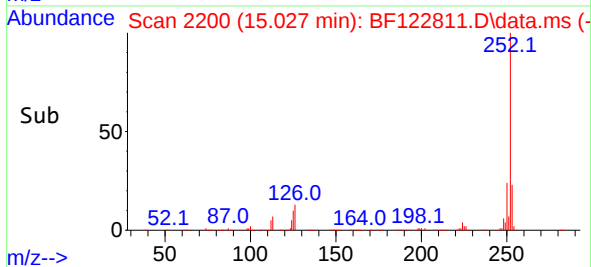
Tgt Ion: 276 Resp: 1229883
Ion Ratio Lower Upper
276 100
138 23.7 18.7 28.1
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 41.97 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



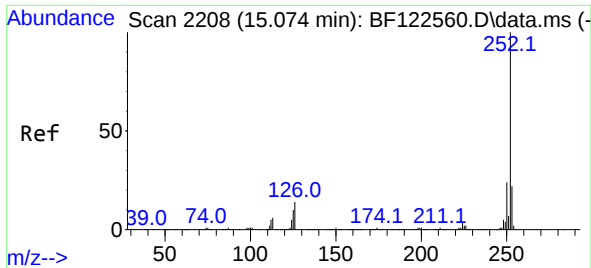
Tgt Ion: 252 Resp: 1330851
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 9.9 8.1 12.1



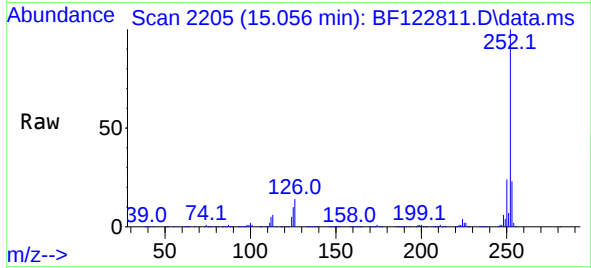
Instrument :
BNA_F
ClientSampleId :
PB133742BS

Manual Integrations
APPROVED

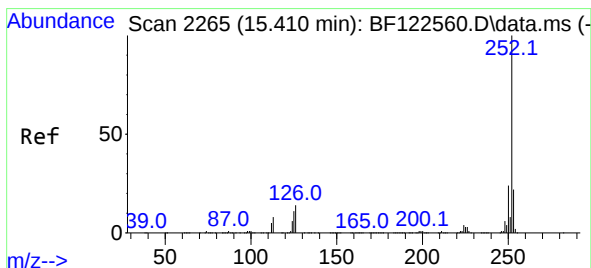
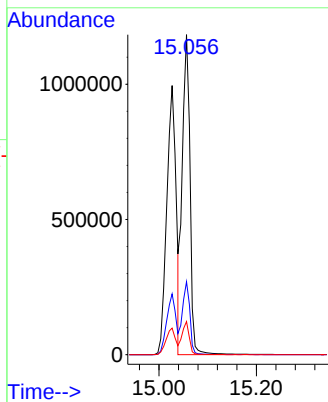
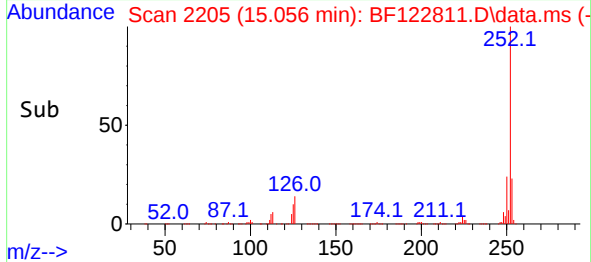
mohammad
12/23/2020 3:28:01 PM



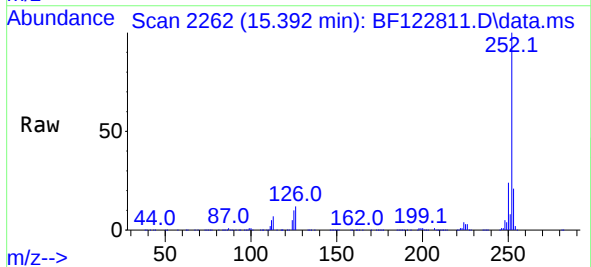
#89
Benzo(k)fluoranthene
Concen: 45.10 ng
RT: 15.056 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



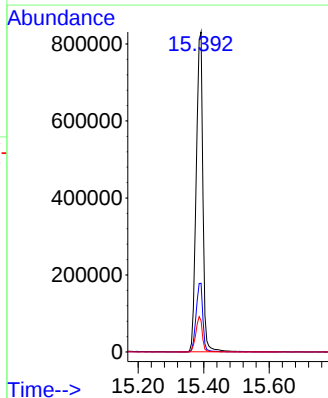
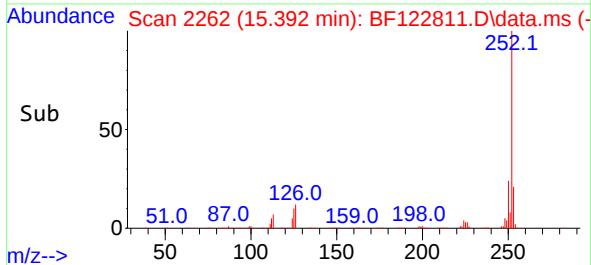
Tgt Ion:252 Resp: 1307723
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.25 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.011 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



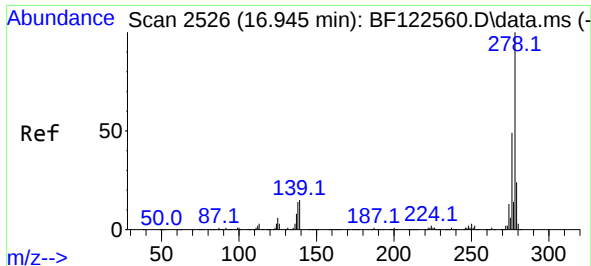
Tgt Ion:252 Resp: 1172118
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.8 8.6 12.8



Instrument :
BNA_F
ClientSampleId :
PB133742BS

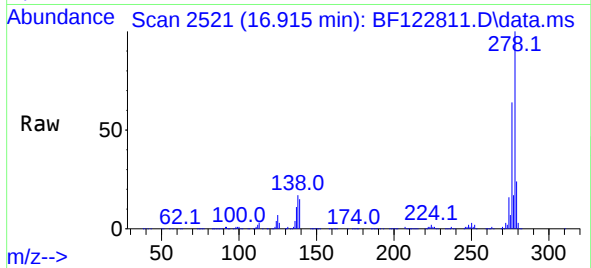
Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#91
Dibenzo(a,h)anthracene
Concen: 42.30 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.011 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52

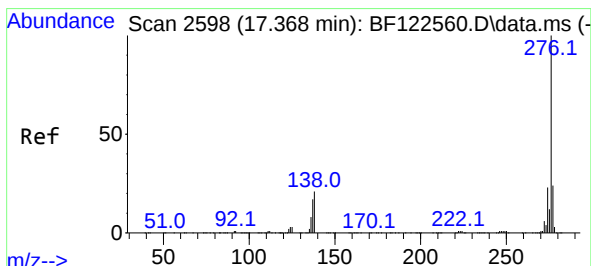
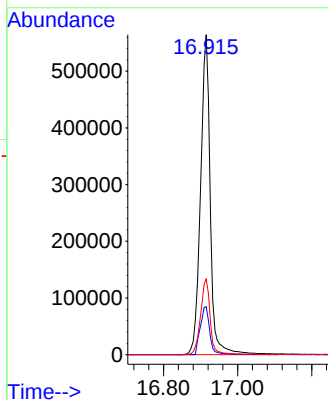
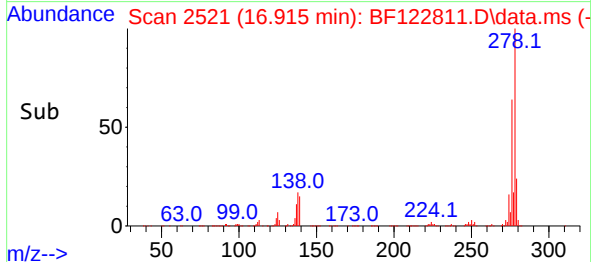
Instrument :
BNA_F
ClientSampleId :
PB133742BS



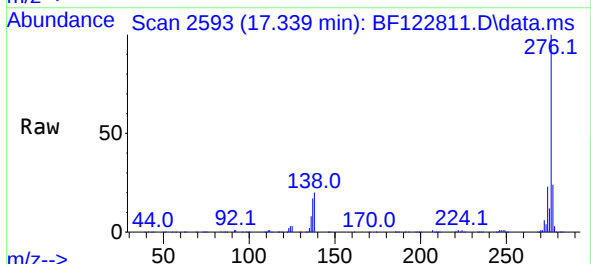
Tgt Ion:278 Resp: 1027177
Ion Ratio Lower Upper
278 100
139 15.0 12.0 18.0
279 23.7 19.4 29.2

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:01 PM



#92
Benzo(g,h,i)perylene
Concen: 41.97 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.011 min
Lab File: BF122811.D
Acq: 22 Dec 2020 12:52



Tgt Ion:276 Resp: 986286
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 20.2 16.6 24.8

