

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122820.D
 Acq On : 22 Dec 2020 19:25
 Operator : JU/CG
 Sample : PB133764BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133764BS

Manual Integrations
 APPROVED

mohammad
 12/23/2020 3:28:21 PM

Quant Time: Dec 22 23:38:28 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	6.822	152	143536	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	557645	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	289956	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	534916	20.00	ng	0.00
76) Chrysene-d12	13.992	240	438045	20.00	ng	0.00
86) Perylene-d12	15.451	264	409775	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1019280	112.42	ng	0.02
7) Phenol-d6	6.463	99	1293564	107.58	ng	0.00
23) Nitrobenzene-d5	7.386	82	728476	65.45	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	423278	111.52	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1452814	67.77	ng	0.00
79) Terphenyl-d14	12.933	244	1686473	67.39	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	180356	42.32	ng	99
3) Pyridine	3.404	79	496489	44.08	ng	98
4) n-Nitrosodimethylamine	3.363	42	188995	41.84	ng	97
6) Aniline	6.487	93	448213	31.67	ng	99
8) 2-Chlorophenol	6.610	128	433563	43.39	ng	98
9) Benzaldehyde	6.369	77	44292	6.09	ng	94
10) Phenol	6.475	94	511156	41.02	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	414303	43.52	ng	99
12) 1,3-Dichlorobenzene	6.763	146	491114	41.53	ng	100
13) 1,4-Dichlorobenzene	6.839	146	498109	41.78	ng	99
14) 1,2-Dichlorobenzene	6.992	146	461163	40.07	ng	99
15) Benzyl Alcohol	6.969	79	342606	41.38	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	521725	38.44	ng	94
17) 2-Methylphenol	7.081	107	353411	44.49	ng	99
18) Hexachloroethane	7.334	117	179296	42.20	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	284901	41.36	ng	99
20) 3+4-Methylphenols	7.234	107	416952	41.55	ng	94
22) Acetophenone	7.234	105	565229	40.77	ng	97
24) Nitrobenzene	7.404	77	451053	40.74	ng	100
25) Isophorone	7.645	82	845380	44.10	ng	99
26) 2-Nitrophenol	7.722	139	249082	46.12	ng	95
27) 2,4-Dimethylphenol	7.763	122	396388	50.08	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	542415	41.32	ng	99
29) 2,4-Dichlorophenol	7.969	162	391196	42.32	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	428758	40.94	ng	99
31) Naphthalene	8.128	128	1309355	42.55	ng	100
32) Benzoic acid	7.904	122	260226	41.26	ng	98
33) 4-Chloroaniline	8.175	127	326477	25.38	ng	99
34) Hexachlorobutadiene	8.245	225	255725	39.67	ng	99
35) Caprolactam	8.557	113	113016m	40.60	ng	
36) 4-Chloro-3-methylphenol	8.669	107	390720	42.91	ng	99
37) 2-Methylnaphthalene	8.822	142	853265	41.92	ng	98
38) 1-Methylnaphthalene	8.922	142	786452	40.84	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	404850	42.15	ng	99
41) Hexachlorocyclopentadiene	8.975	237	354468	83.48	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	269131	40.58	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
 Data File : BF122820.D
 Acq On : 22 Dec 2020 19:25
 Operator : JU/CG
 Sample : PB133764BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133764BS

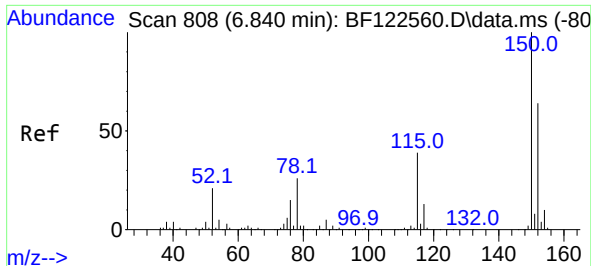
Manual Integrations
 APPROVED

mohammad
 12/23/2020 3:28:21 PM

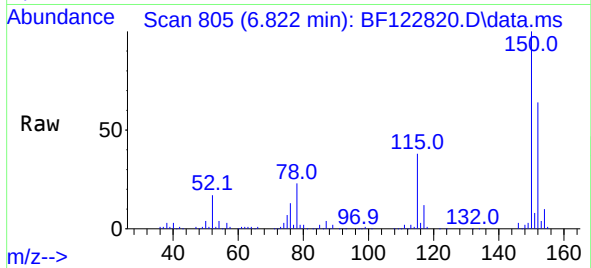
Quant Time: Dec 22 23:38:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	288842	42.13	ng	96
46) 1,1'-Biphenyl	9.286	154	1026477	42.66	ng	98
47) 2-Chloronaphthalene	9.310	162	810607	40.66	ng	98
48) 2-Nitroaniline	9.410	65	226699	39.00	ng	97
49) Acenaphthylene	9.727	152	1246696	42.33	ng	99
50) Dimethylphthalate	9.586	163	977221	42.20	ng	100
51) 2,6-Dinitrotoluene	9.651	165	220853	45.16	ng	97
52) Acenaphthene	9.898	154	731472	38.39	ng	99
53) 3-Nitroaniline	9.816	138	151846	26.87	ng	93
54) 2,4-Dinitrophenol	9.933	184	219001	91.59	ng	95
55) Dibenzofuran	10.069	168	1121034	41.83	ng	100
56) 4-Nitrophenol	9.992	139	305600	75.84	ng	95
57) 2,4-Dinitrotoluene	10.057	165	285345	43.80	ng	97
58) Fluorene	10.410	166	874581	41.03	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	254144	42.19	ng	98
60) Diethylphthalate	10.286	149	944131	41.92	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	427489	40.73	ng	95
62) 4-Nitroaniline	10.433	138	221336	38.58	ng	96
63) Azobenzene	10.563	77	858783	41.48	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	160993	49.36	ng	99
66) n-Nitrosodiphenylamine	10.522	169	798569	42.25	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	298528	41.18	ng	93
68) Hexachlorobenzene	10.963	284	323019	40.31	ng	97
69) Atrazine	11.051	200	227550	37.07	ng	98
70) Pentachlorophenol	11.163	266	336403	79.24	ng	100
71) Phenanthrene	11.374	178	1316414	41.41	ng	99
72) Anthracene	11.427	178	1352380	42.90	ng	99
73) Carbazole	11.580	167	1221038	42.71	ng	99
74) Di-n-butylphthalate	11.910	149	1469411	40.90	ng	99
75) Fluoranthene	12.563	202	1396295	41.88	ng	99
77) Benzidine	12.686	184	529959	55.93	ng	99
78) Pyrene	12.792	202	1403047	41.43	ng	99
80) Butylbenzylphthalate	13.410	149	629572	41.27	ng	92
81) Benzo(a)anthracene	13.986	228	1249463	42.68	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	379224	36.17	ng	99
83) Chrysene	14.021	228	1207851	41.46	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	900803	43.12	ng	99
85) Di-n-octyl phthalate	14.580	149	1525230	44.01	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1149423	42.73	ng	99
88) Benzo(b)fluoranthene	15.033	252	1268503	44.12	ng	99
89) Benzo(k)fluoranthene	15.062	252	1172031	44.58	ng	99
90) Benzo(a)pyrene	15.392	252	1093444	43.47	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	967399	43.94	ng	99
92) Benzo(g,h,i)perylene	17.351	276	938180	44.03	ng	99

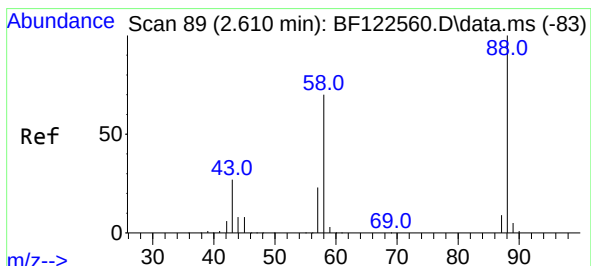
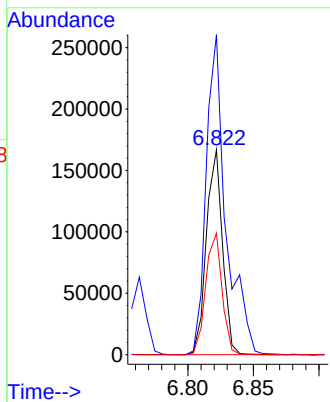
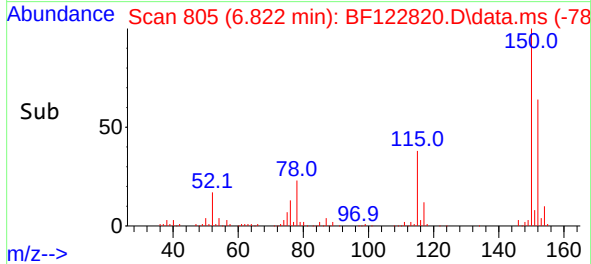
(#) = qualifier out of range (m) = manual integration (+) = signals summed



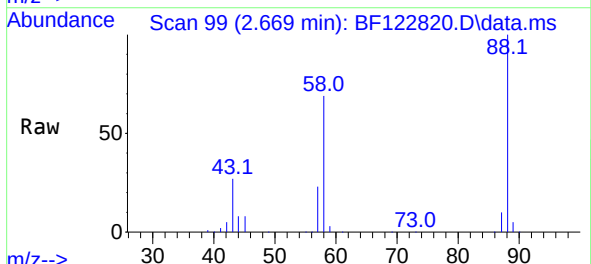
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



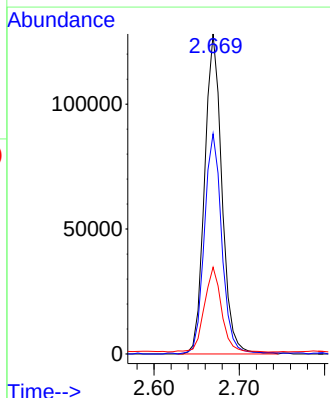
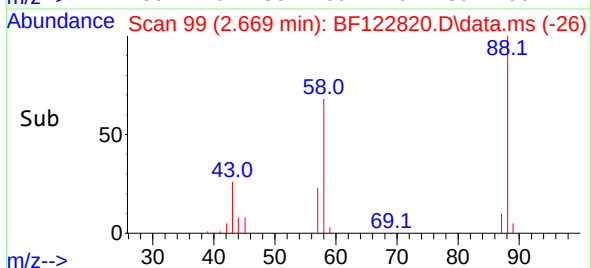
Tgt Ion:152 Resp: 143536
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 59.2 49.3 73.9



#2
1,4-Dioxane
Concen: 42.32 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.129 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



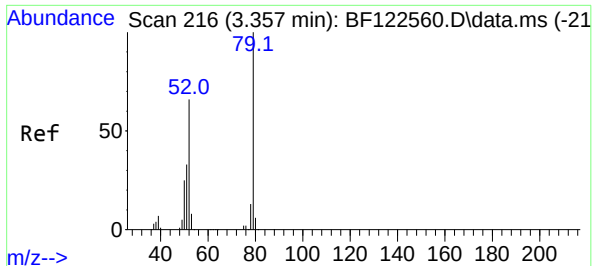
Tgt Ion: 88 Resp: 180356
Ion Ratio Lower Upper
88 100
58 69.9 56.2 84.2
43 26.4 21.8 32.6



Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM



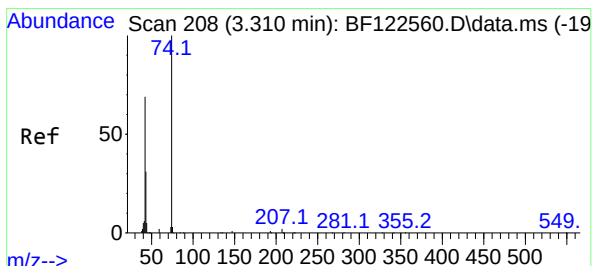
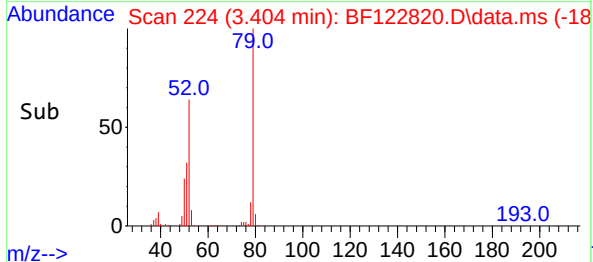
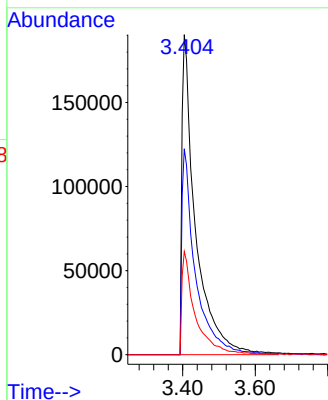
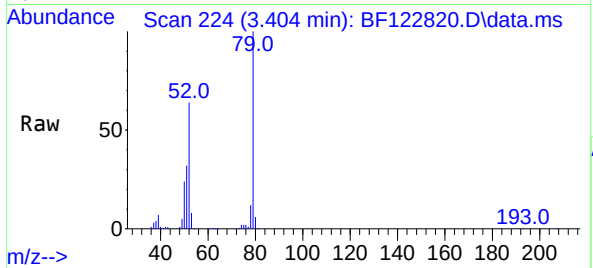
#3
Pyridine
Concen: 44.08 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.117 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion: 79 Resp: 496489
Ion Ratio Lower Upper
79 100
52 64.4 53.0 79.4
51 32.3 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
PB133764BS

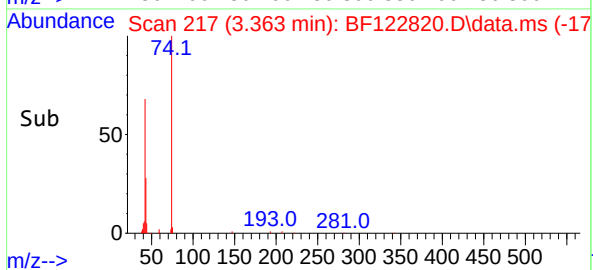
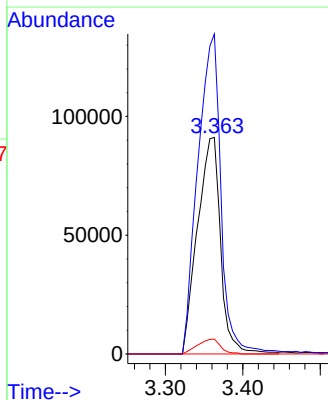
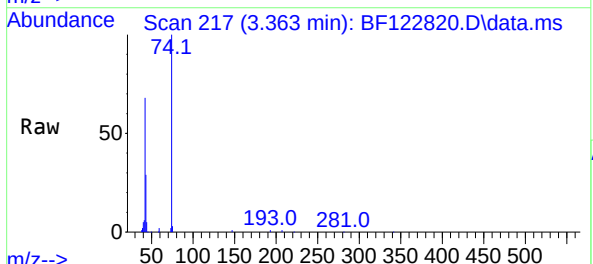
Manual Integrations
APPROVED

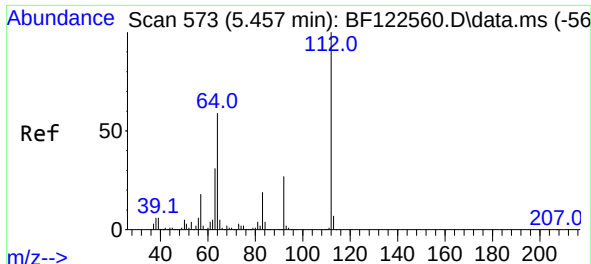
mohammad
12/23/2020 3:28:21 PM



#4
n-Nitrosodimethylamine
Concen: 41.84 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.123 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

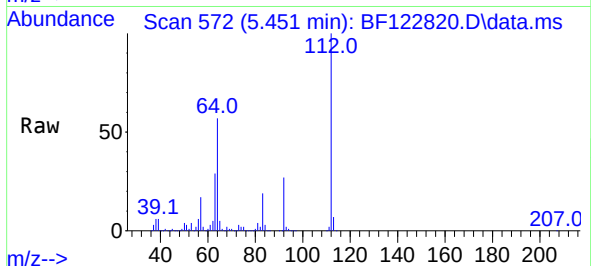
Tgt Ion: 42 Resp: 188995
Ion Ratio Lower Upper
42 100
74 147.8 115.2 172.8
44 6.9 5.4 8.0





#5
2-Fluorophenol
Concen: 112.42 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

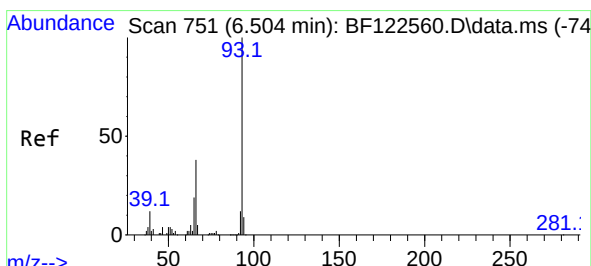
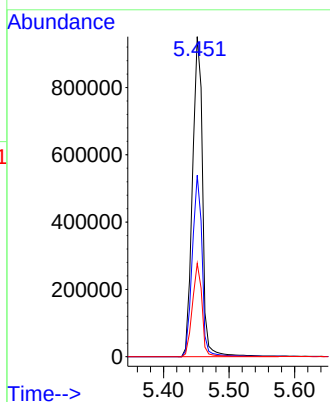
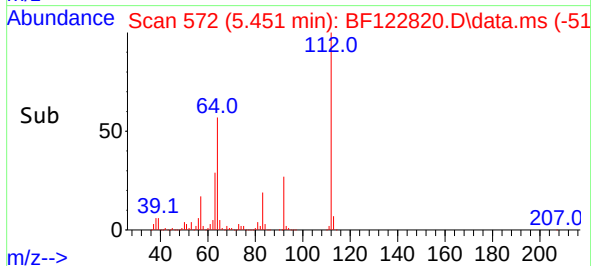
Instrument :
BNA_F
ClientSampleId :
PB133764BS



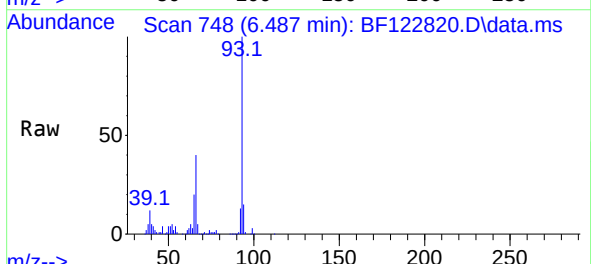
Tgt Ion:112 Resp: 1019280
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 29.2 24.5 36.7

Manual Integrations
APPROVED

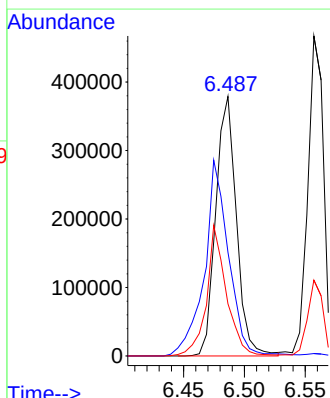
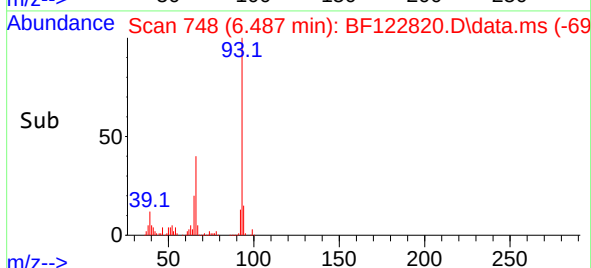
mohammad
12/23/2020 3:28:21 PM

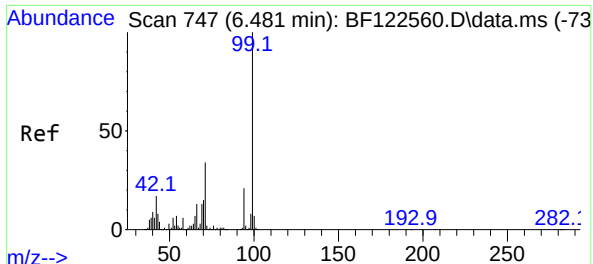


#6
Aniline
Concen: 31.67 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



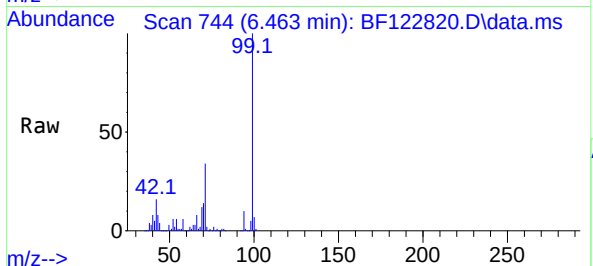
Tgt Ion: 93 Resp: 448213
Ion Ratio Lower Upper
93 100
66 40.0 31.3 46.9
65 20.1 15.6 23.4





#7
Phenol-d6
Concen: 107.58 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Instrument :
BNA_F
ClientSampleId :
PB133764BS

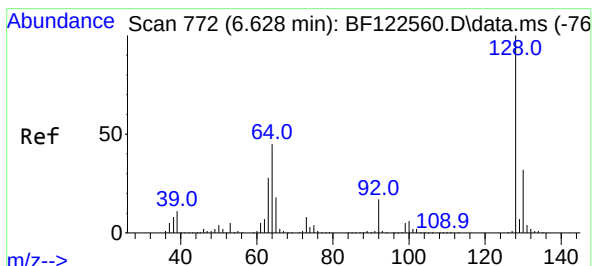
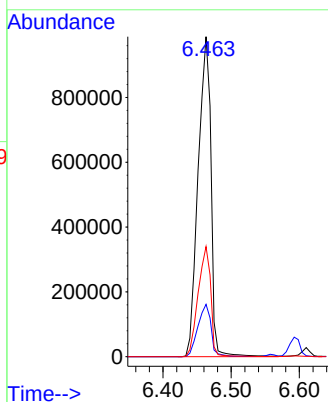


Tgt Ion: 99 Resp: 1293564

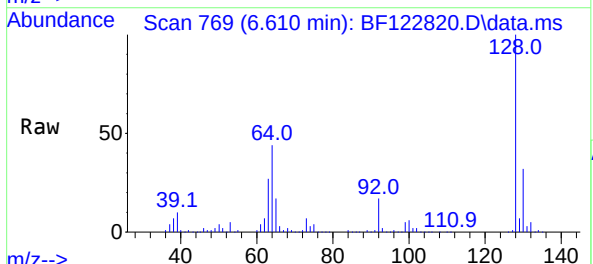
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.6
71	34.4	26.9	40.3

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM

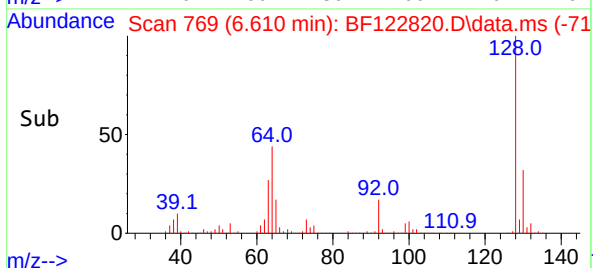
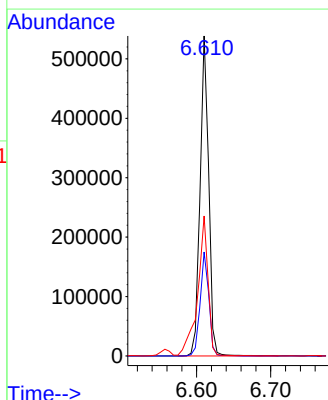


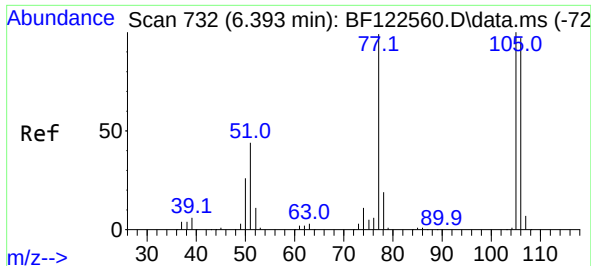
#8
2-Chlorophenol
Concen: 43.39 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



Tgt Ion: 128 Resp: 433563

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	43.8	25.5	65.5





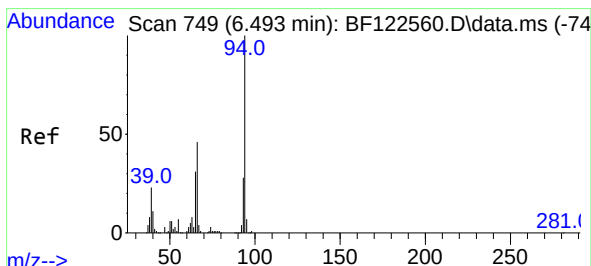
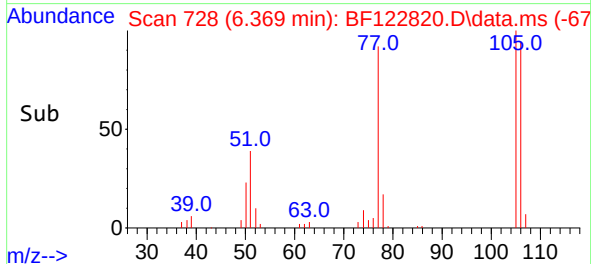
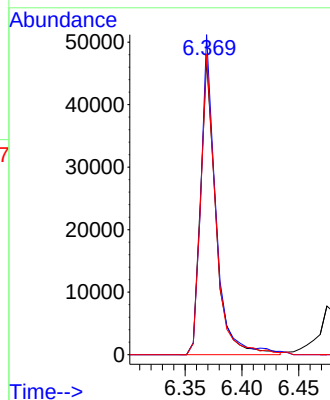
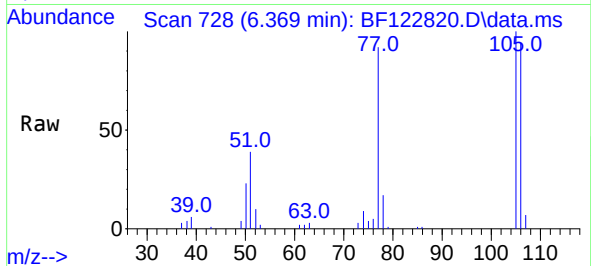
#9
Benzaldehyde
Concen: 6.09 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	77	Resp:	44292
Ion	Ratio	Lower	Upper
77	100		
105	108.6	80.6	120.6
106	102.1	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
PB133764BS

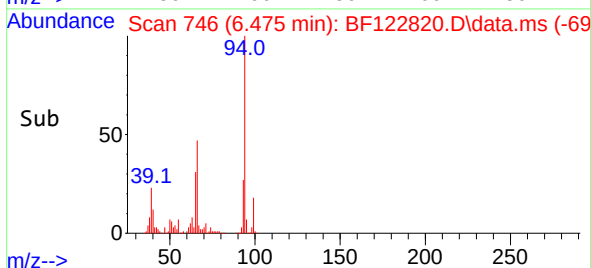
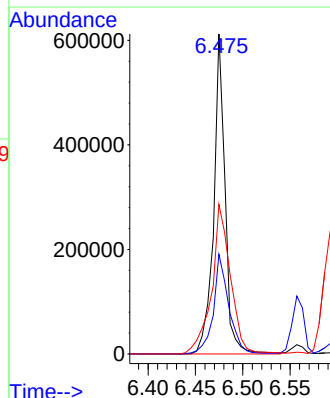
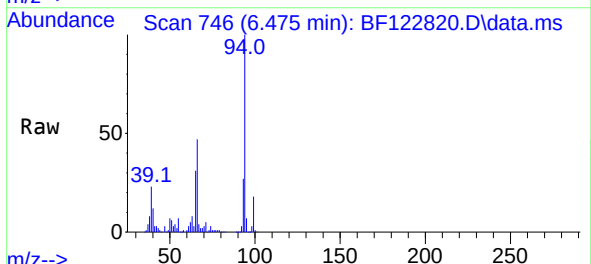
Manual Integrations
APPROVED

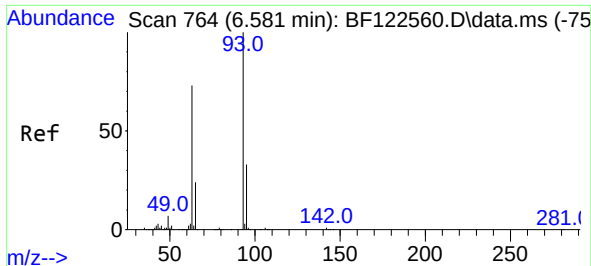
mohammad
12/23/2020 3:28:21 PM



#10
Phenol
Concen: 41.02 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	94	Resp:	511156
Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.2	51.2
66	46.7	25.8	65.8





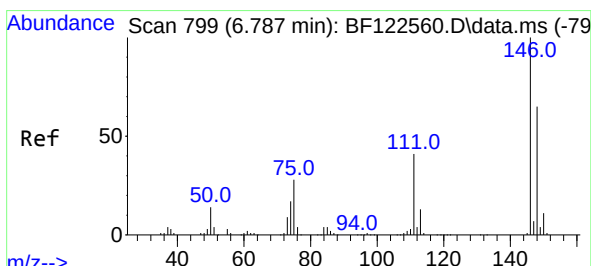
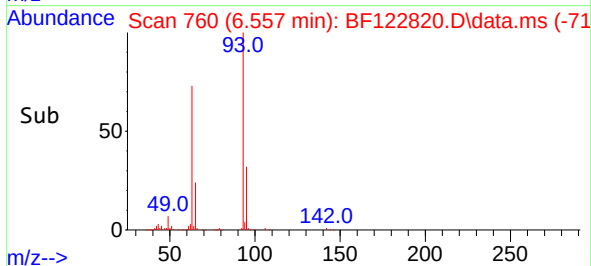
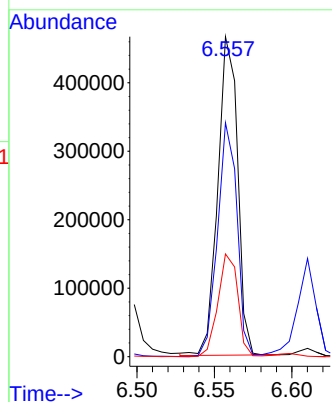
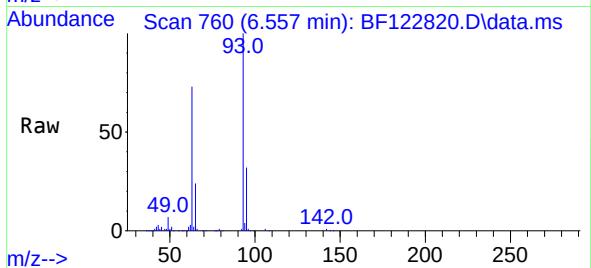
#11
bis(2-Chloroethyl)ether
Concen: 43.52 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion: 93 Resp: 414303
Ion Ratio Lower Upper
93 100
63 73.1 52.6 92.6
95 32.1 12.6 52.6

Instrument :
BNA_F
ClientSampled :
PB133764BS

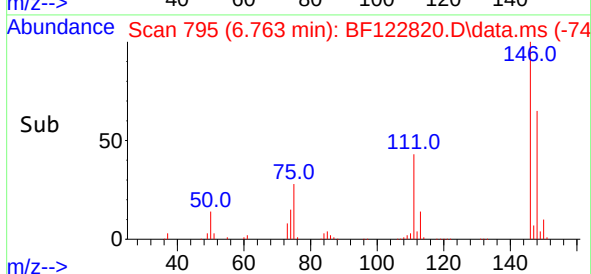
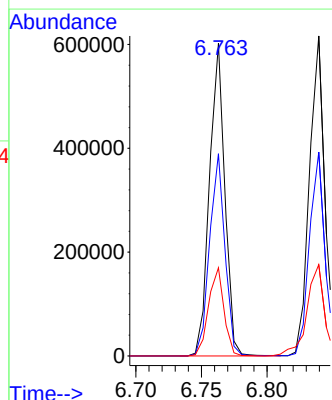
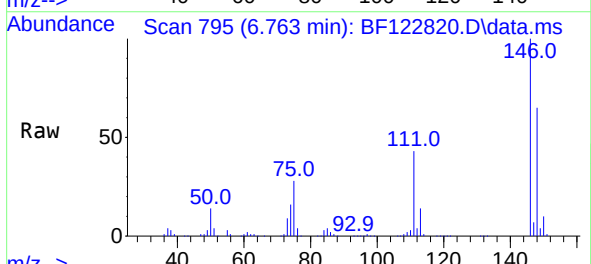
Manual Integrations
APPROVED

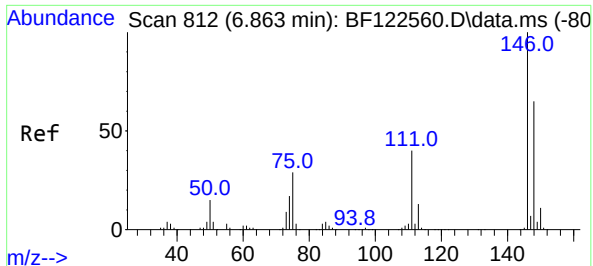
mohammad
12/23/2020 3:28:21 PM



#12
1,3-Dichlorobenzene
Concen: 41.53 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion: 146 Resp: 491114
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 28.2 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.78 ng

RT: 6.839 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF122820.D

Acq: 22 Dec 2020 19:25

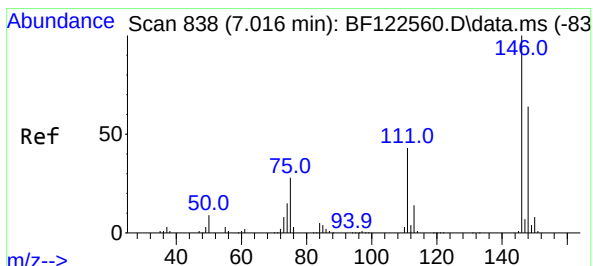
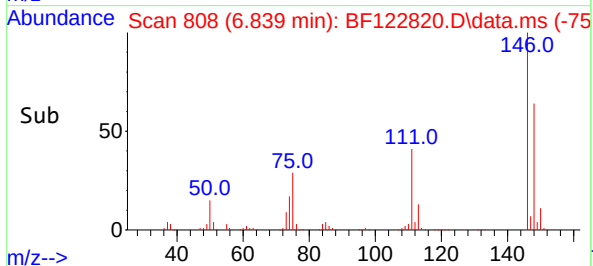
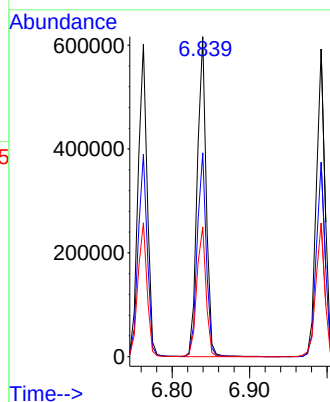
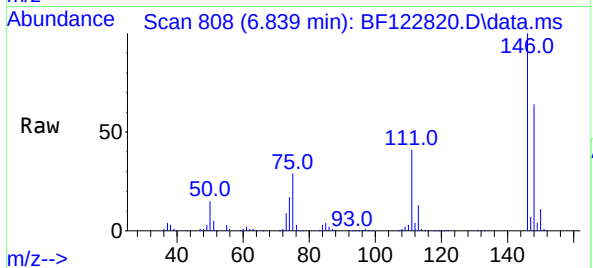
Tgt Ion:146 Resp: 498109

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

111 40.6 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 40.07 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF122820.D

Acq: 22 Dec 2020 19:25

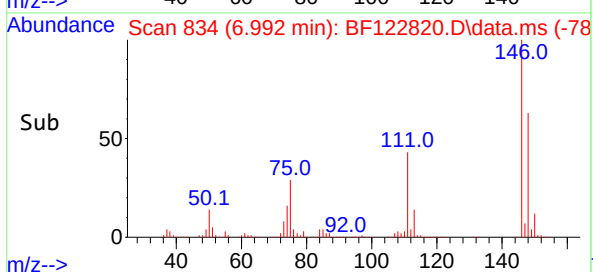
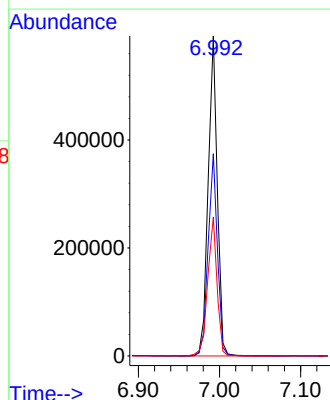
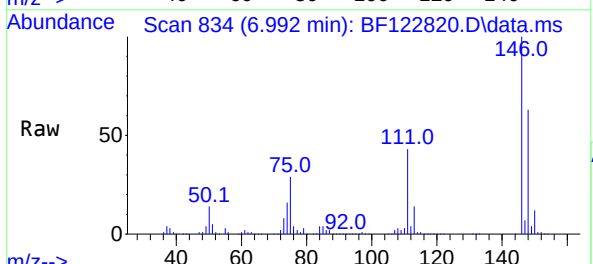
Tgt Ion:146 Resp: 461163

Ion Ratio Lower Upper

146 100

148 63.2 51.5 77.3

111 43.4 34.2 51.2



Instrument :

BNA_F

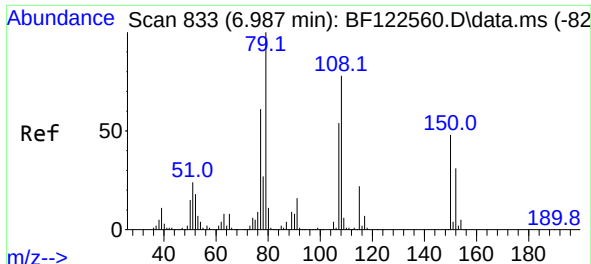
ClientSampleId :

PB133764BS

Manual Integrations

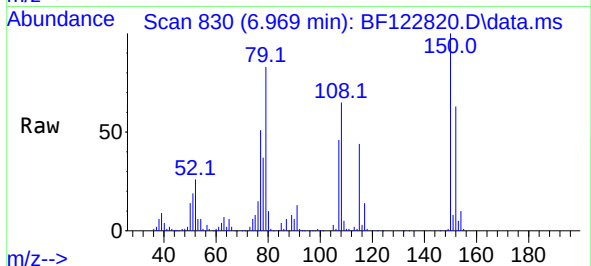
APPROVED

mohammad
12/23/2020 3:28:21 PM



#15
Benzyl Alcohol
Concen: 41.38 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

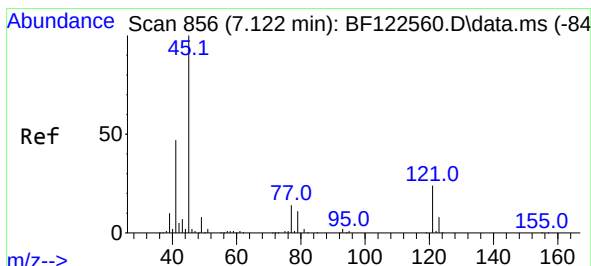
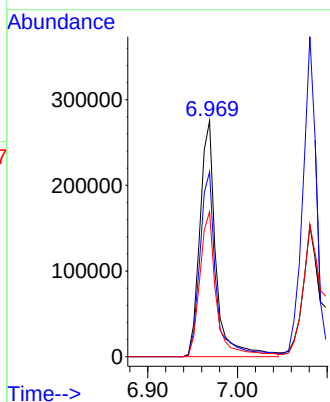
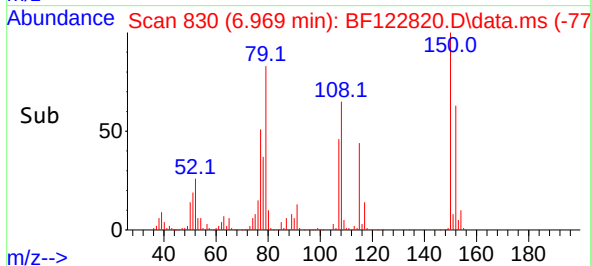
Instrument :
BNA_F
ClientSampleId :
PB133764BS



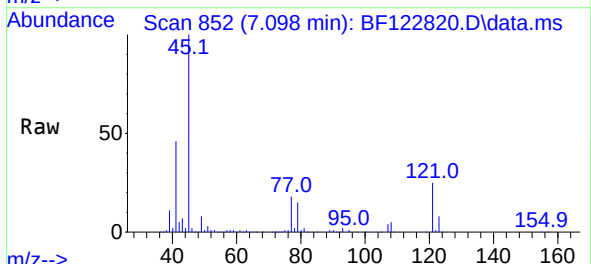
Tgt Ion: 79 Resp: 342606
Ion Ratio Lower Upper
79 100
108 78.5 62.4 93.6
77 61.5 49.0 73.6

Manual Integrations
APPROVED

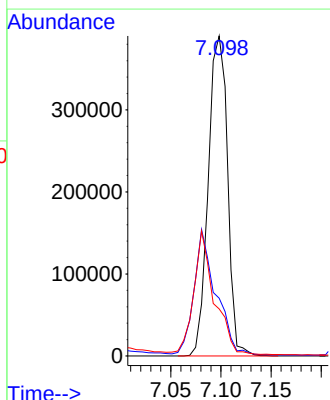
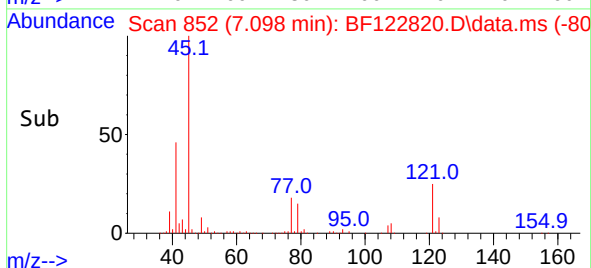
mohammad
12/23/2020 3:28:21 PM

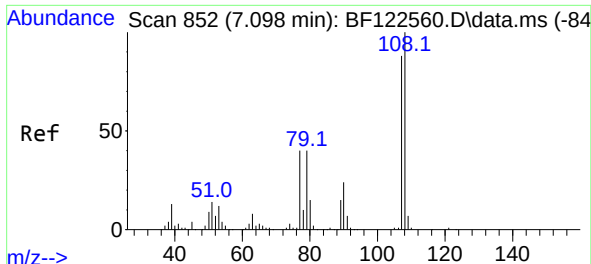


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.44 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

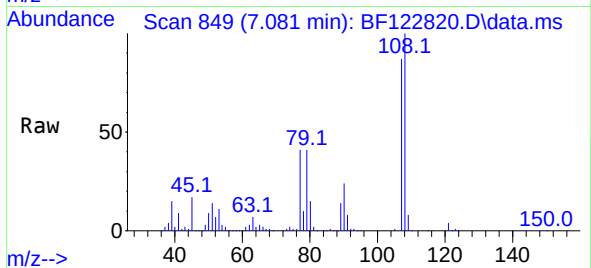


Tgt Ion: 45 Resp: 521725
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.6
79 14.7 0.0 32.4

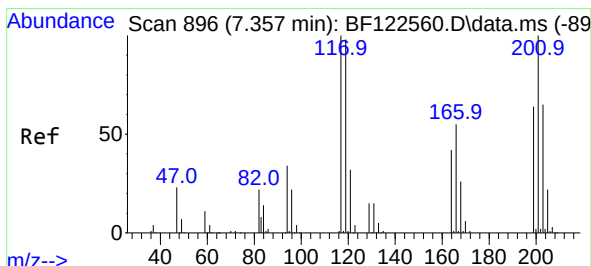
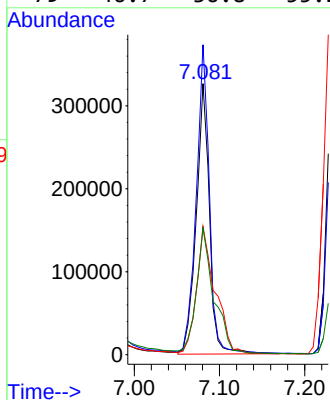
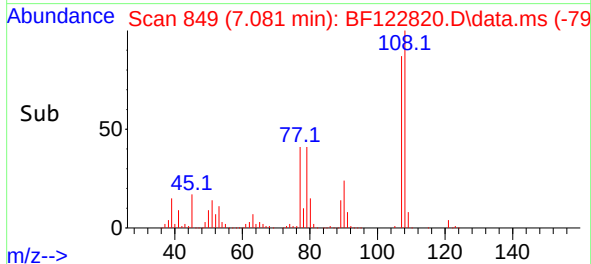




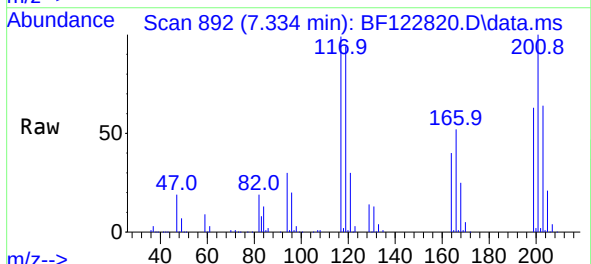
#17
2-Methylphenol
Concen: 44.49 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



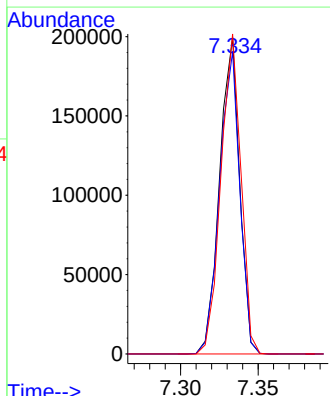
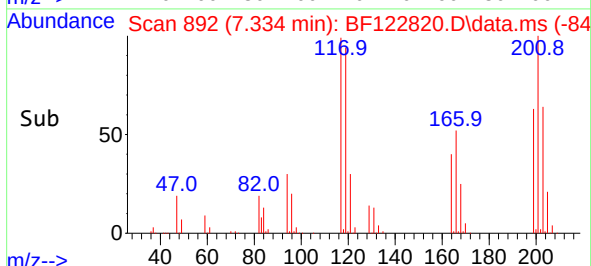
Tgt Ion:107 Resp: 353411
Ion Ratio Lower Upper
107 100
108 114.4 91.1 136.7
77 47.3 36.3 54.5
79 46.7 36.8 55.2



#18
Hexachloroethane
Concen: 42.20 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



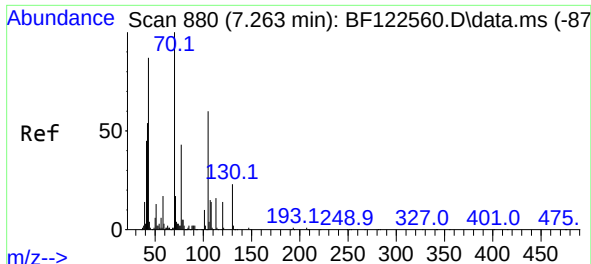
Tgt Ion:117 Resp: 179296
Ion Ratio Lower Upper
117 100
119 95.5 78.4 117.6
201 101.1 79.6 119.4



Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM



#19

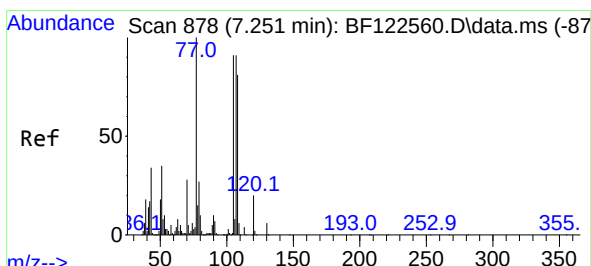
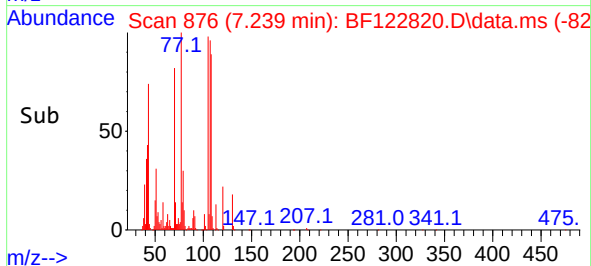
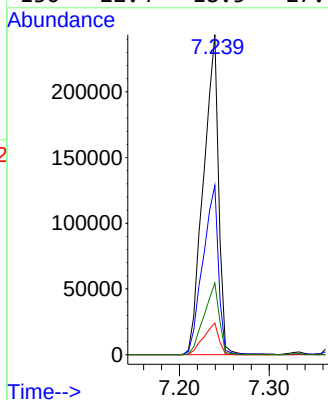
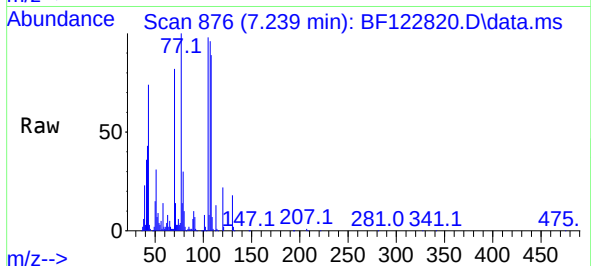
n-Nitroso-di-n-propylamine
Concen: 41.36 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	70	Resp:	284901
Ion	Ratio	Lower	Upper
70	100		
42	52.8	43.0	64.4
101	9.9	7.9	11.9
130	22.4	18.5	27.7

Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

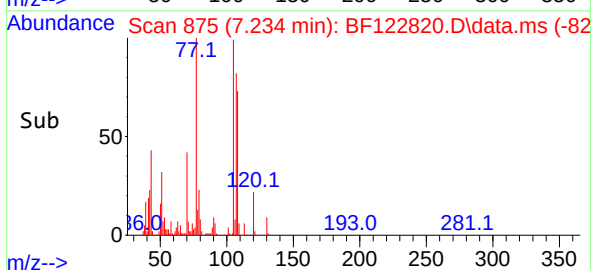
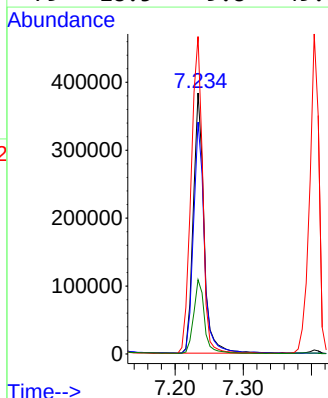
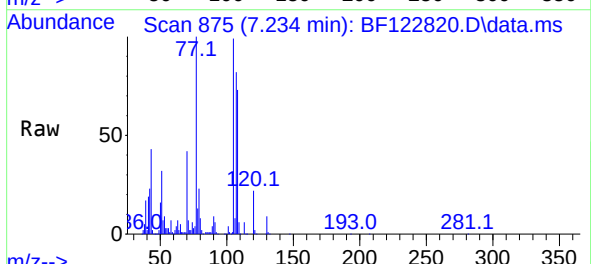
mohammad
12/23/2020 3:28:21 PM

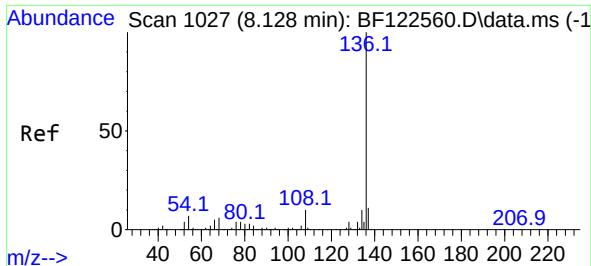


#20

3+4-Methylphenols
Concen: 41.55 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	107	Resp:	416952
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.7	108.7
77	121.7	89.8	129.8
79	28.5	9.8	49.8





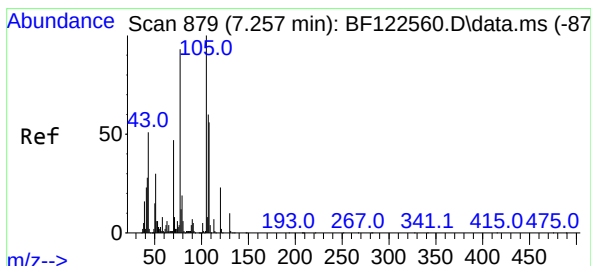
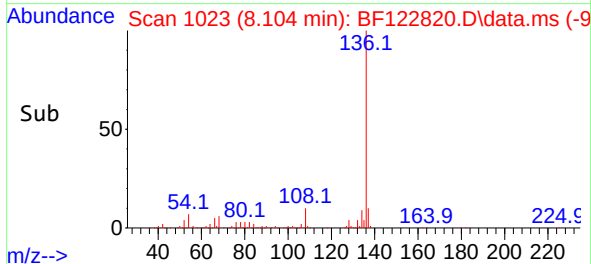
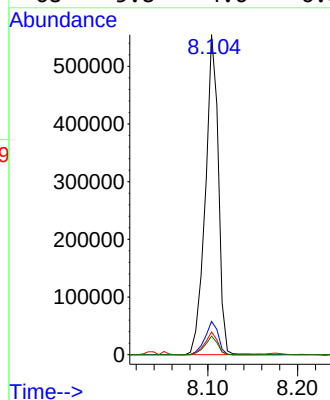
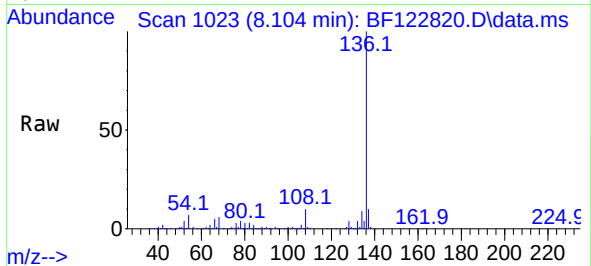
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	136	Resp:	557645
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.8	13.2
54	7.1	5.5	8.3
68	5.8	4.6	6.8

Instrument :
BNA_F
ClientSampleId :
PB133764BS

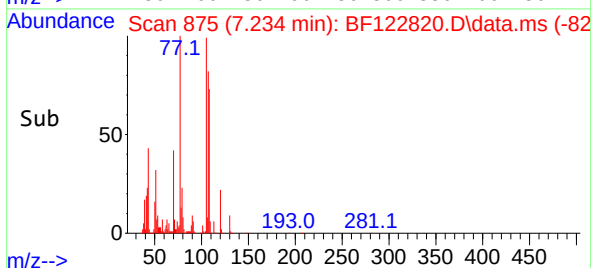
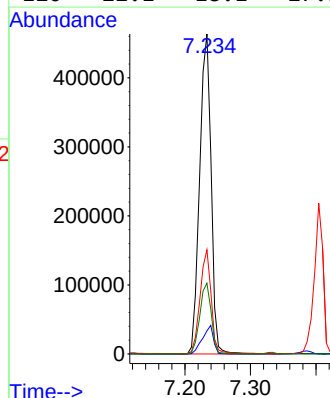
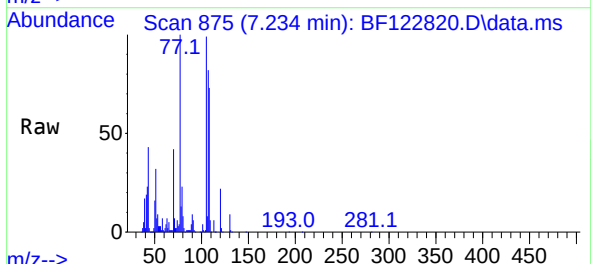
Manual Integrations
APPROVED

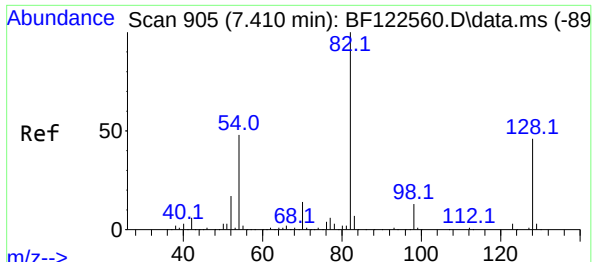
mohammad
12/23/2020 3:28:21 PM



#22
Acetophenone
Concen: 40.77 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	105	Resp:	565229
Ion Ratio	Lower	Upper	
105	100		
71	7.2	6.5	9.7
51	32.5	24.3	36.5
120	22.1	18.1	27.1





#23
Nitrobenzene-d5
Concen: 65.45 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

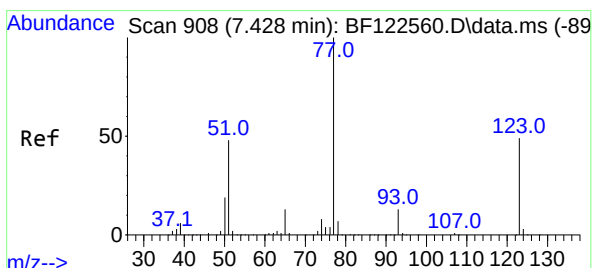
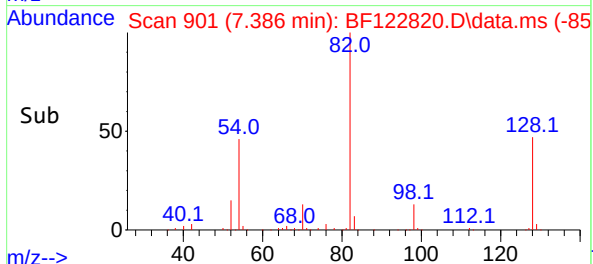
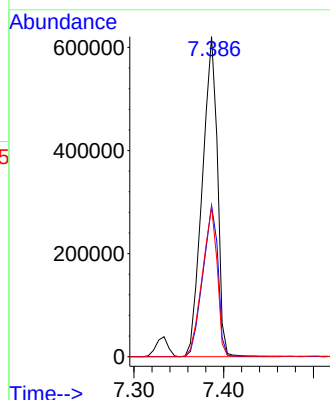
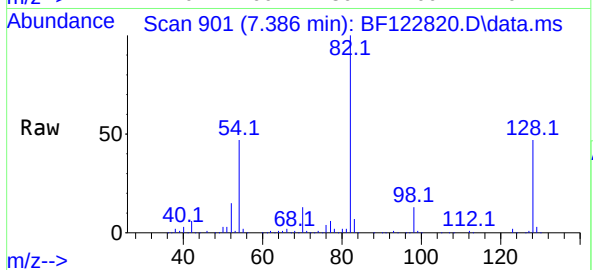
Tgt Ion: 82 Resp: 728476

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.4
54	46.8	38.4	57.6

Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

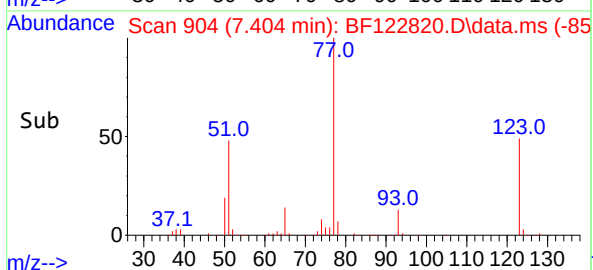
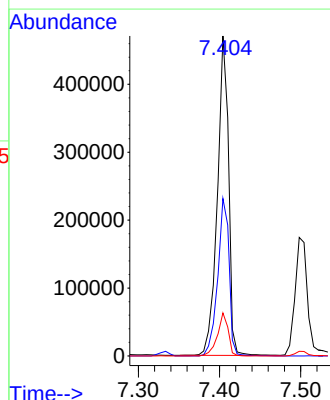
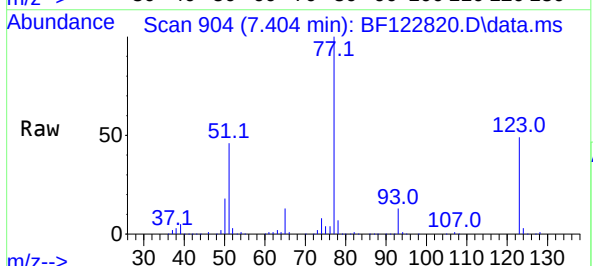
mohammad
12/23/2020 3:28:21 PM

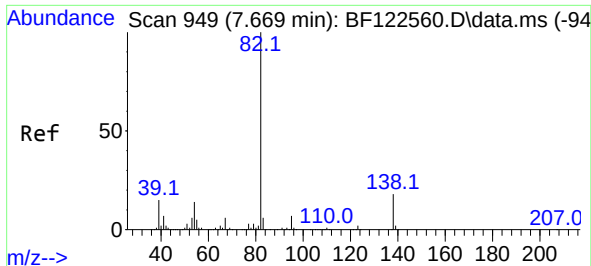


#24
Nitrobenzene
Concen: 40.74 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion: 77 Resp: 451053

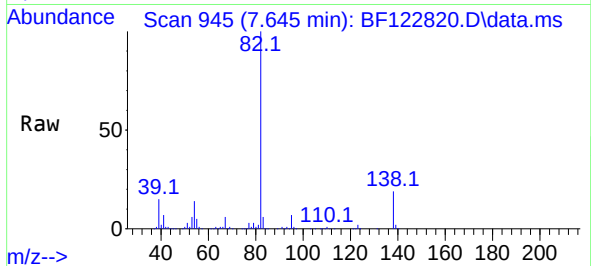
Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.3	58.9
65	13.5	10.6	15.8





#25
Isophorone
Concen: 44.10 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

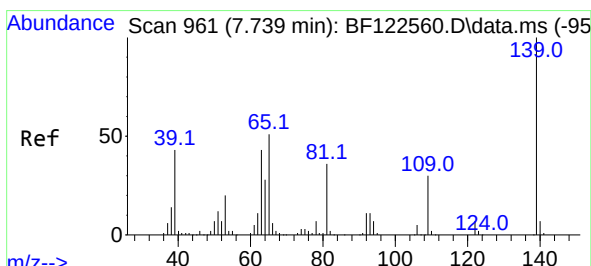
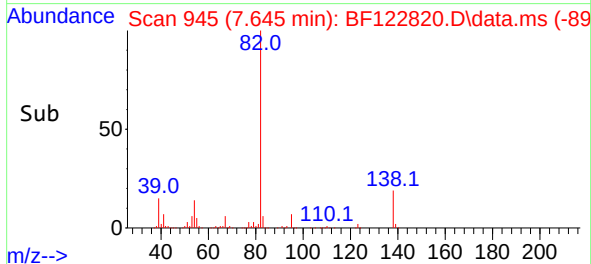
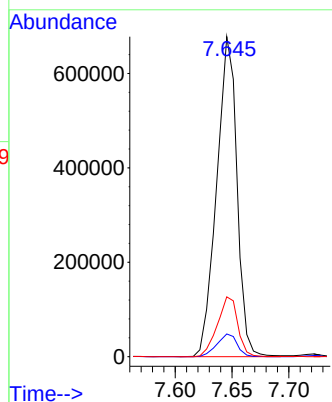
Instrument :
BNA_F
ClientSampled :
PB133764BS



Tgt Ion: 82 Resp: 845380
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 18.7 14.6 21.8

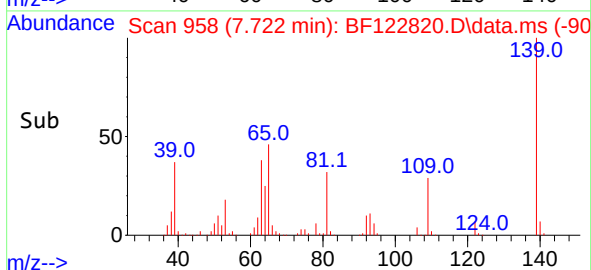
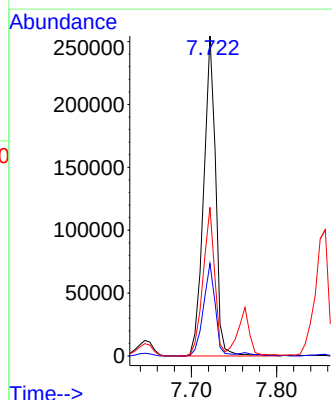
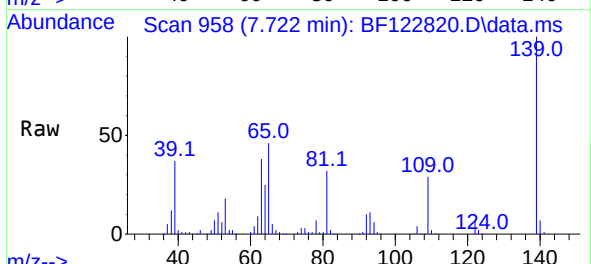
Manual Integrations
APPROVED

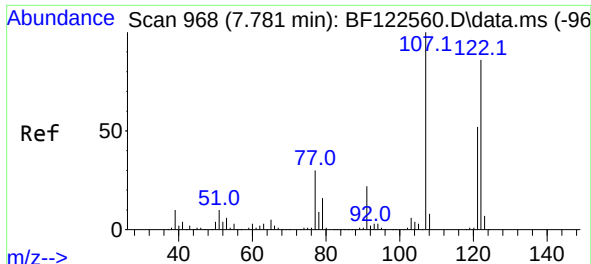
mohammad
12/23/2020 3:28:21 PM



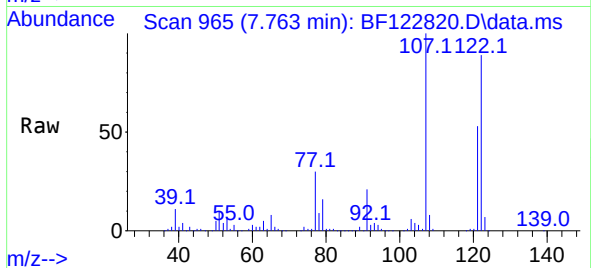
#26
2-Nitrophenol
Concen: 46.12 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion: 139 Resp: 249082
Ion Ratio Lower Upper
139 100
109 28.9 24.0 36.0
65 46.5 40.9 61.3

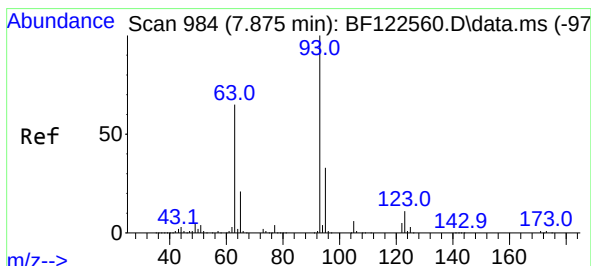
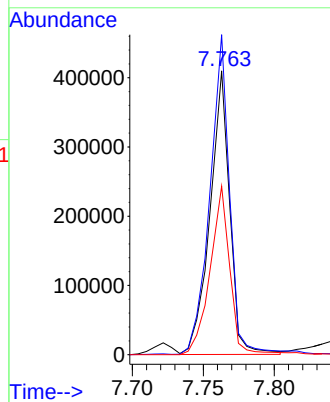
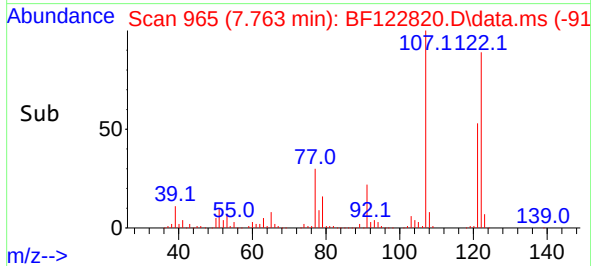




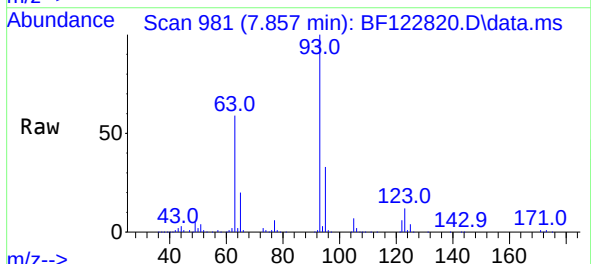
#27
2,4-Dimethylphenol
Concen: 50.08 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



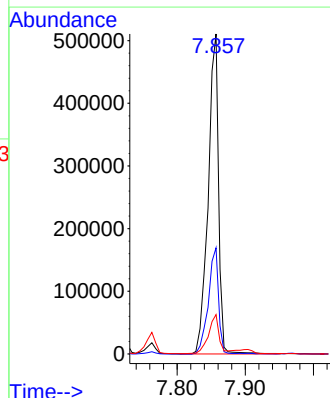
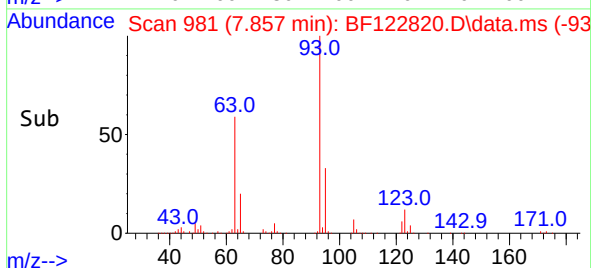
Tgt Ion:122 Resp: 396388
Ion Ratio Lower Upper
122 100
107 112.7 91.8 137.8
121 59.4 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.32 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



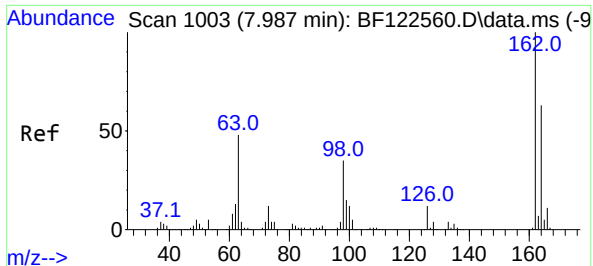
Tgt Ion: 93 Resp: 542415
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.2
123 12.3 9.2 13.8



Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM



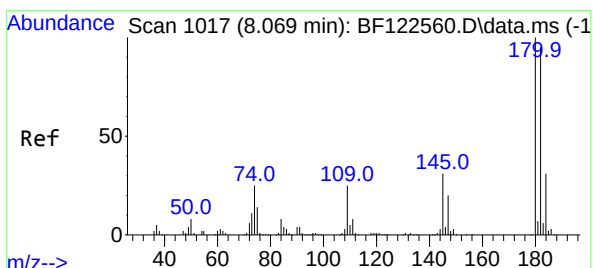
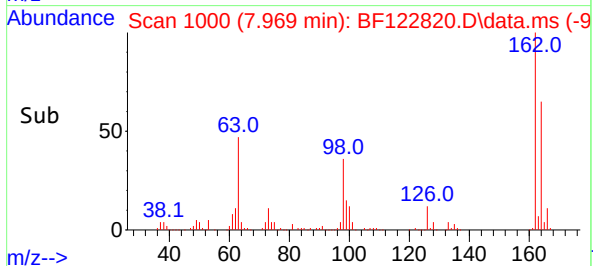
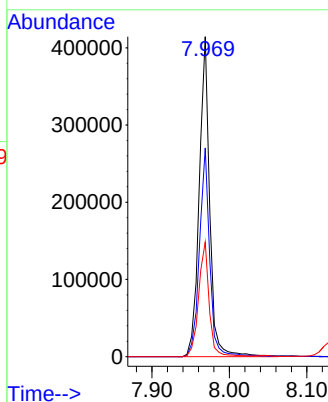
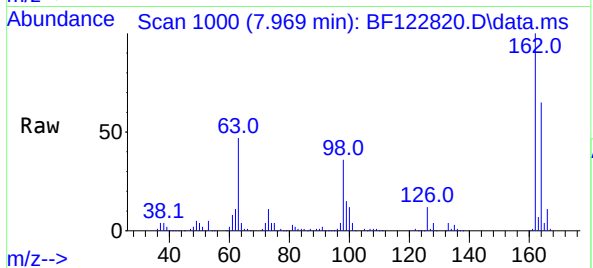
#29
2,4-Dichlorophenol
Concen: 42.32 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Instrument :
BNA_F
ClientSampleId :
PB133764BS

Tgt Ion:162 Resp: 391196
Ion Ratio Lower Upper
162 100
164 65.2 43.2 83.2
98 35.9 15.2 55.2

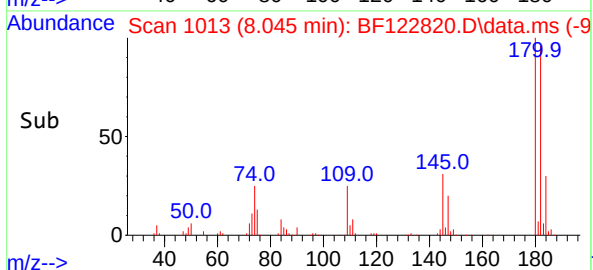
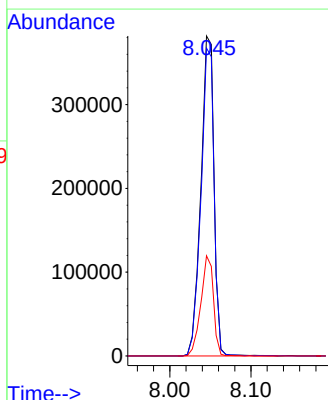
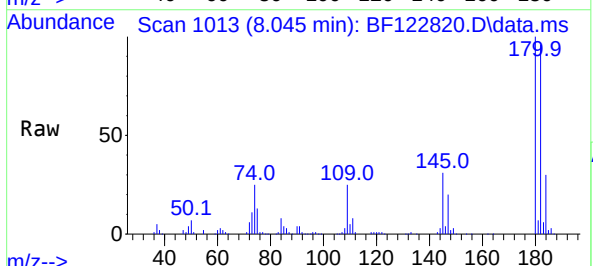
Manual Integrations
APPROVED

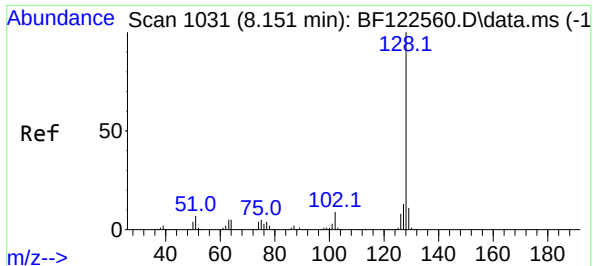
mohammad
12/23/2020 3:28:21 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.94 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:180 Resp: 428758
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 31.3 25.0 37.4





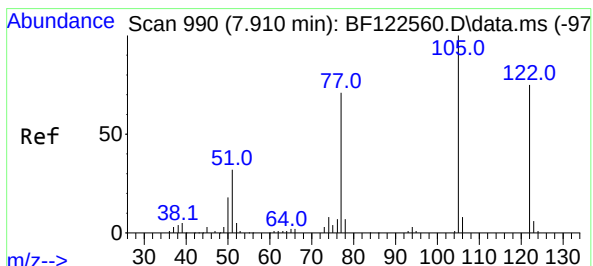
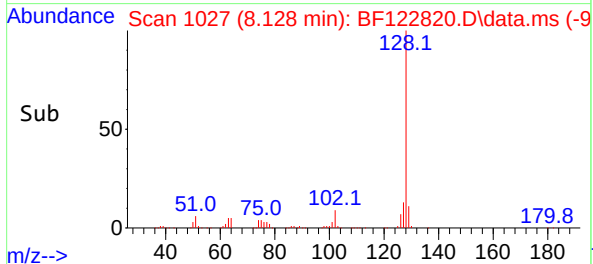
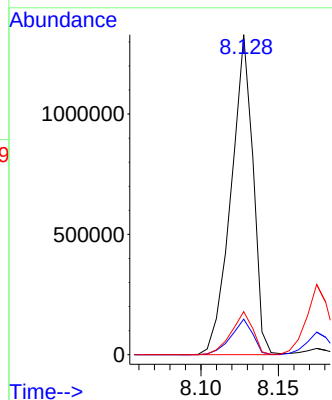
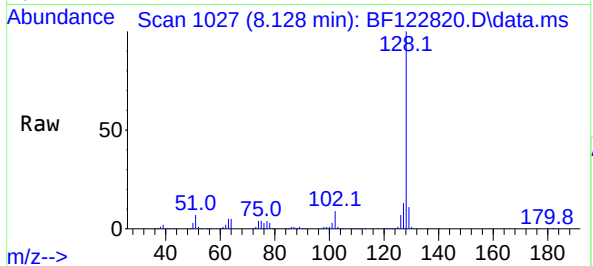
#31
Naphthalene
Concen: 42.55 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:128 Resp: 1309355
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.7 16.1

Instrument :
BNA_F
ClientSampleId :
PB133764BS

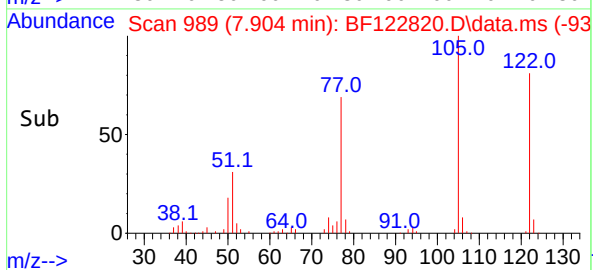
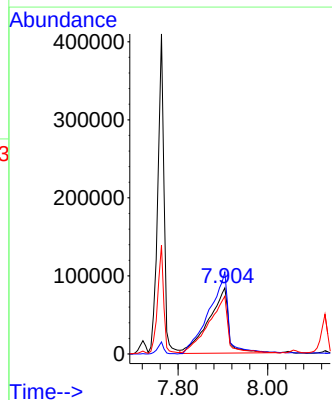
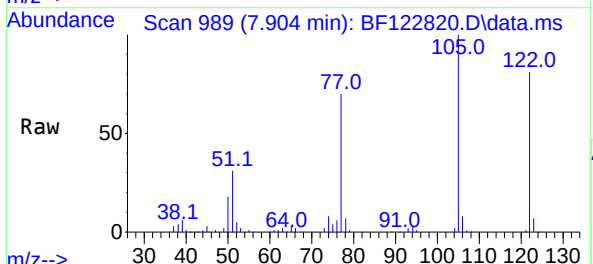
Manual Integrations
APPROVED

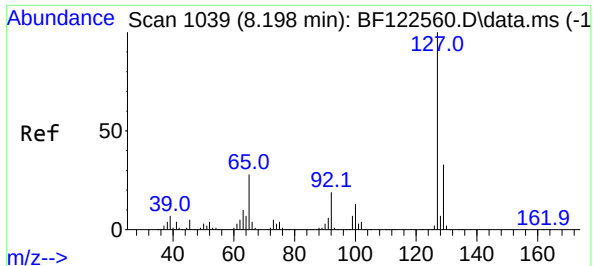
mohammad
12/23/2020 3:28:21 PM



#32
Benzoic acid
Concen: 41.26 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:122 Resp: 260226
Ion Ratio Lower Upper
122 100
105 124.0 104.8 144.8
77 87.4 71.0 111.0





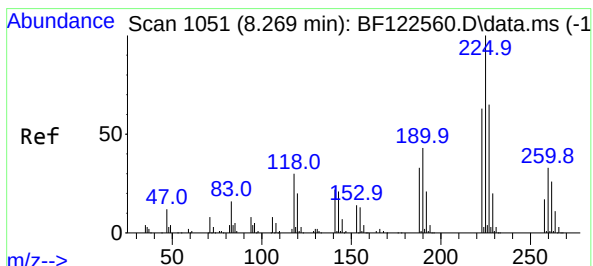
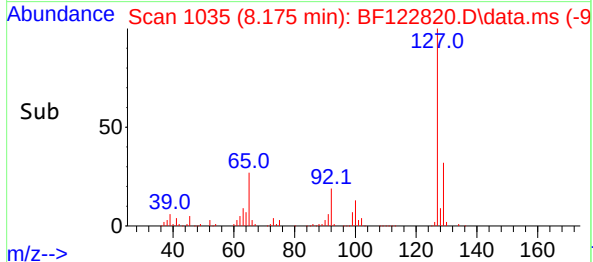
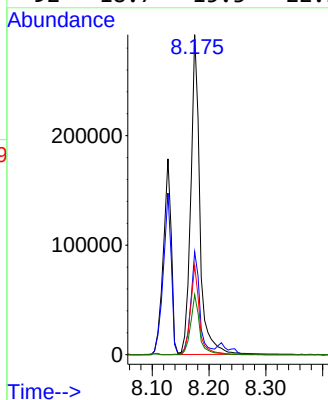
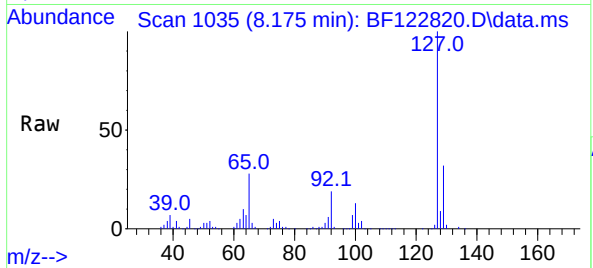
#33
4-Chloroaniline
Concen: 25.38 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Instrument :
BNA_F
ClientSampleId :
PB133764BS

Tgt Ion:	127	Resp:	326477
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	27.9	22.2	33.2
92	18.7	15.3	22.9

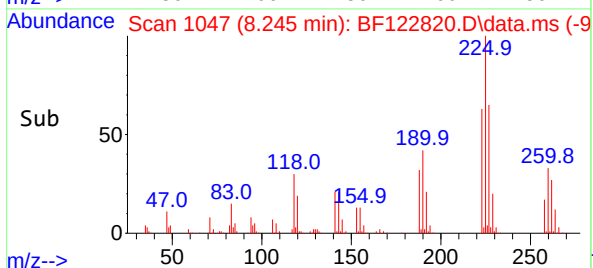
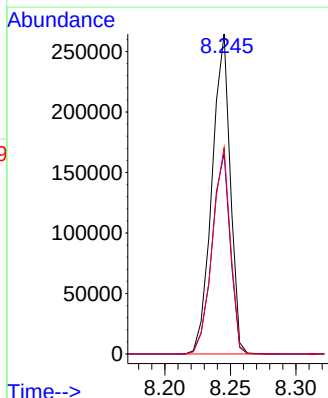
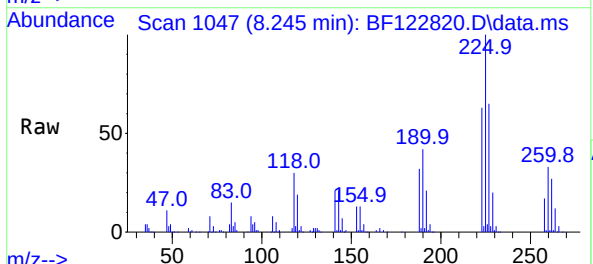
Manual Integrations
APPROVED

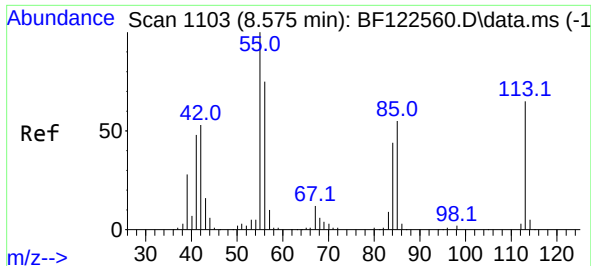
mohammad
12/23/2020 3:28:21 PM



#34
Hexachlorobutadiene
Concen: 39.67 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	225	Resp:	255725
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	64.5	51.7	77.5





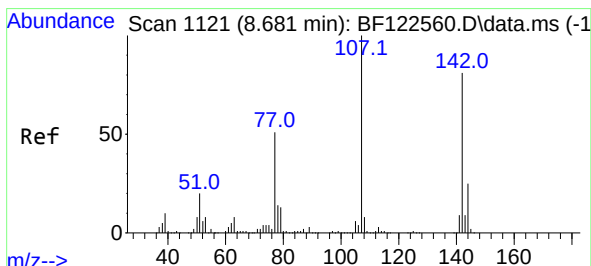
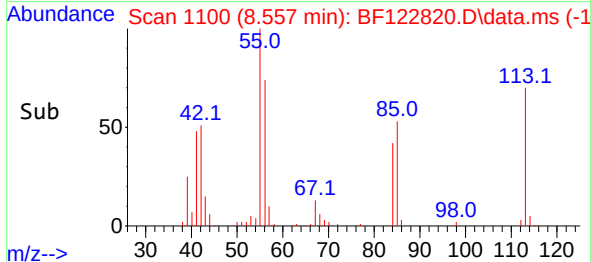
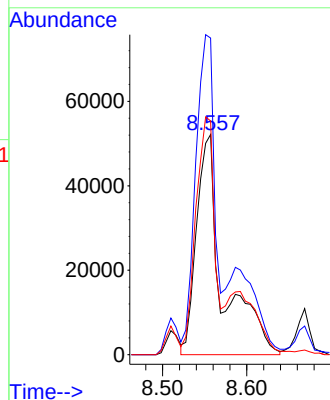
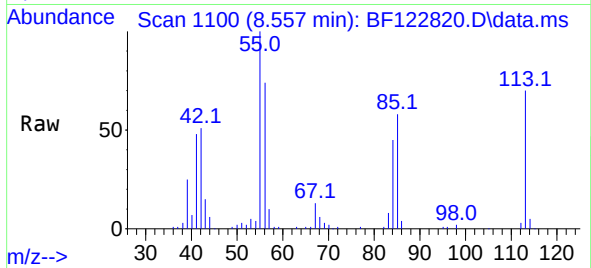
#35
Caprolactam
Concen: 40.60 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:113 Resp: 113016
Ion Ratio Lower Upper
113 100
55 143.8 133.7 173.7
56 106.2 95.3 135.3

Instrument :
BNA_F
ClientSampled :
PB133764BS

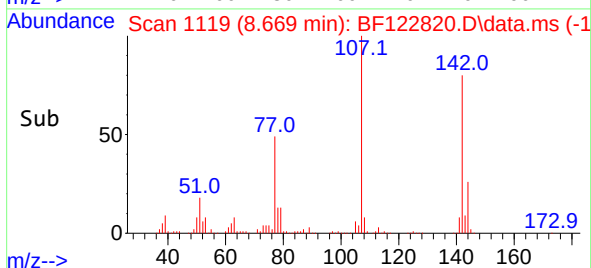
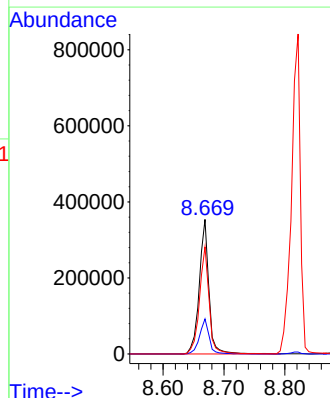
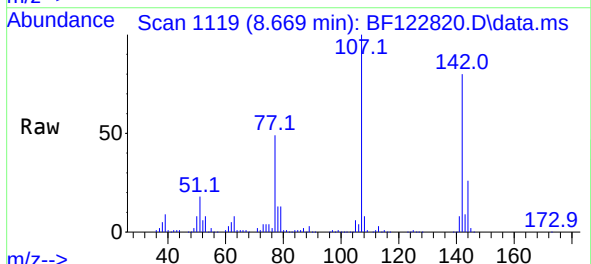
Manual Integrations
APPROVED

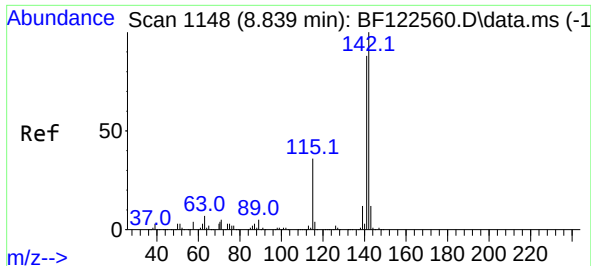
mohammad
12/23/2020 3:28:21 PM



#36
4-Chloro-3-methylphenol
Concen: 42.91 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:107 Resp: 390720
Ion Ratio Lower Upper
107 100
144 26.0 20.2 30.2
142 79.6 64.4 96.6





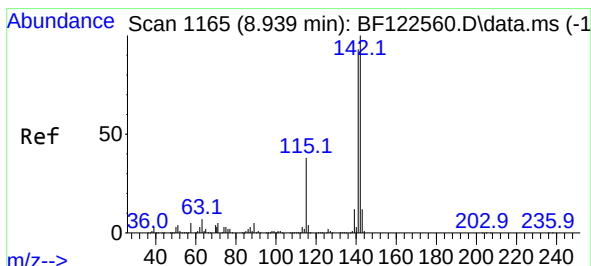
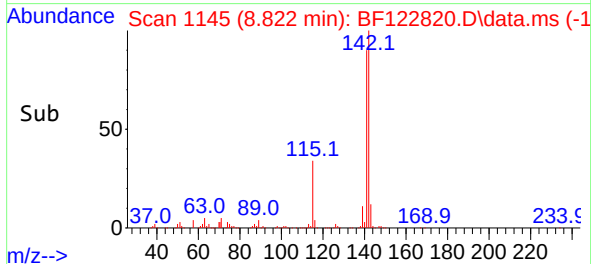
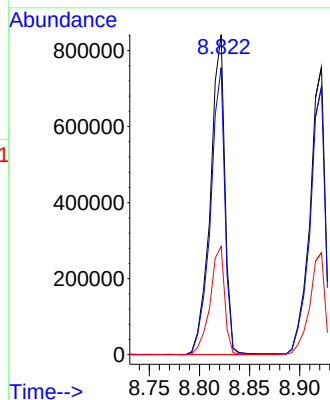
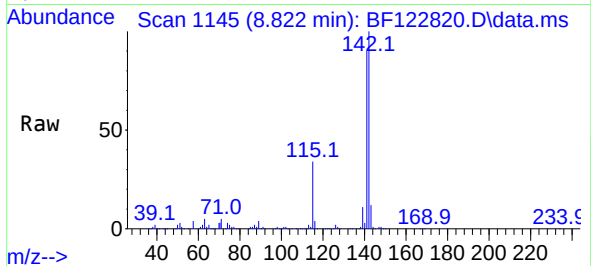
#37
2-Methylnaphthalene
Concen: 41.92 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	142	Resp:	853265
Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	106.0
115	33.9	28.7	43.1

Instrument :
BNA_F
ClientSampled :
PB133764BS

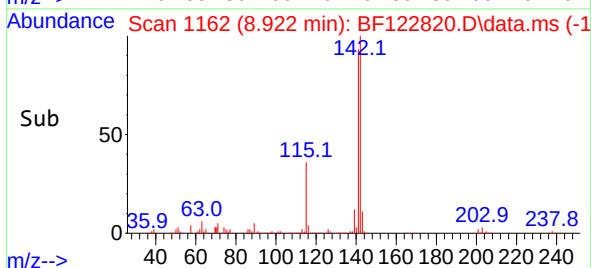
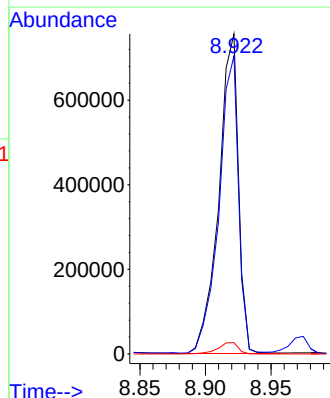
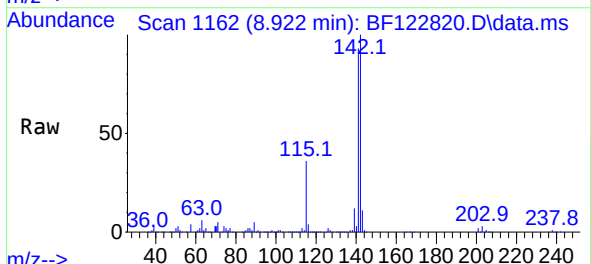
Manual Integrations
APPROVED

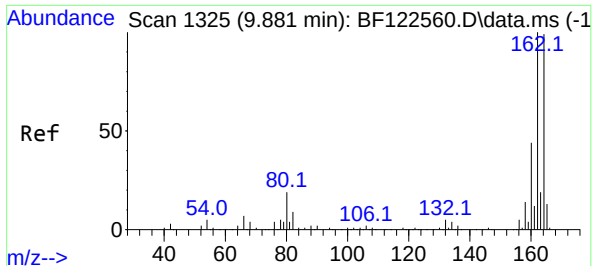
mohammad
12/23/2020 3:28:21 PM



#38
1-Methylnaphthalene
Concen: 40.84 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	142	Resp:	786452
Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.5	111.7
116	3.5	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF122820.D

Acq: 22 Dec 2020 19:25

Tgt Ion:164 Resp: 289956

Ion Ratio Lower Upper

164 100

162 105.4 80.8 121.2

160 44.7 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

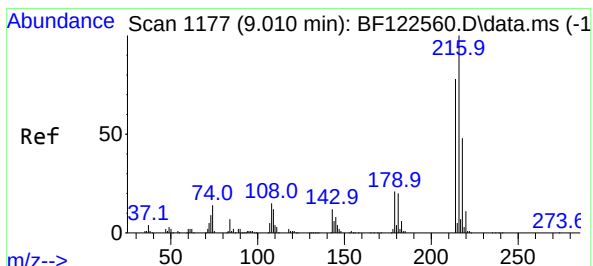
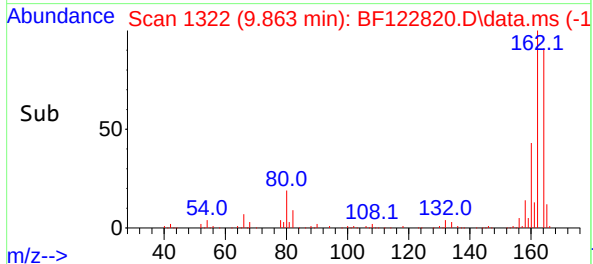
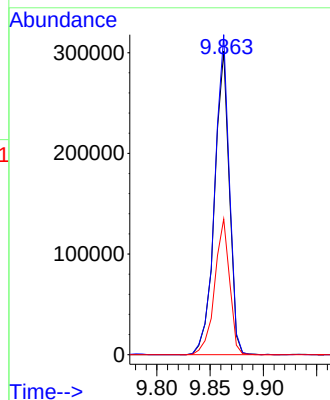
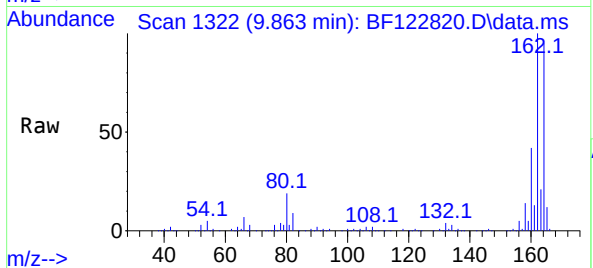
PB133764BS

Manual Integrations

APPROVED

mohammad

12/23/2020 3:28:21 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.15 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF122820.D

Acq: 22 Dec 2020 19:25

Tgt Ion:216 Resp: 404850

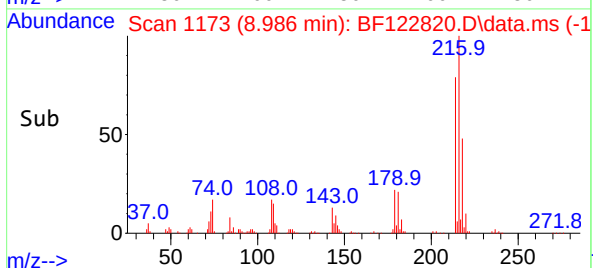
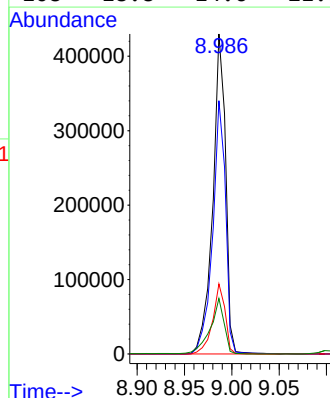
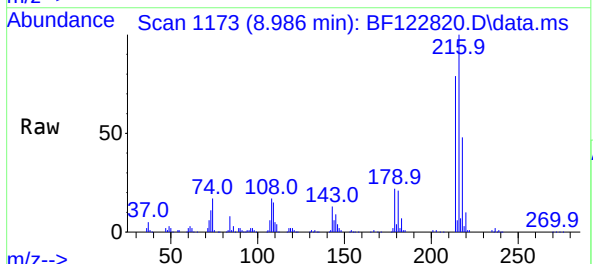
Ion Ratio Lower Upper

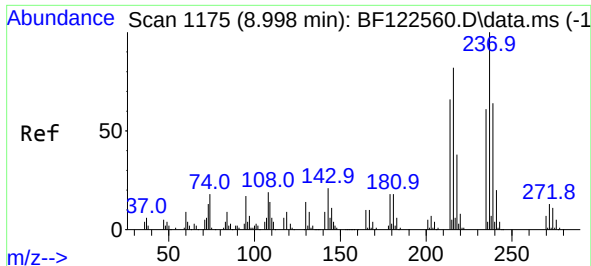
216 100

214 79.3 63.1 94.7

179 21.3 17.1 25.7

108 18.8 14.6 21.8





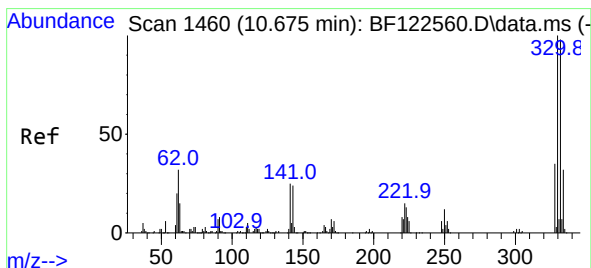
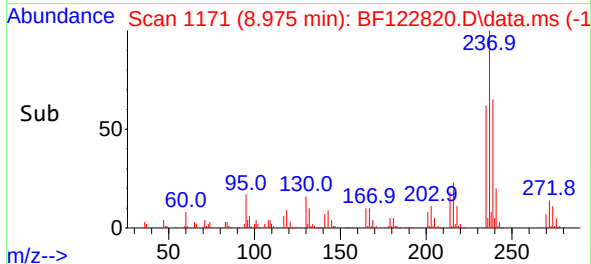
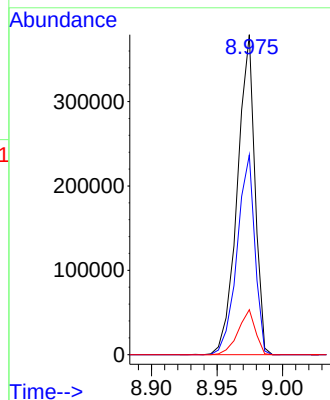
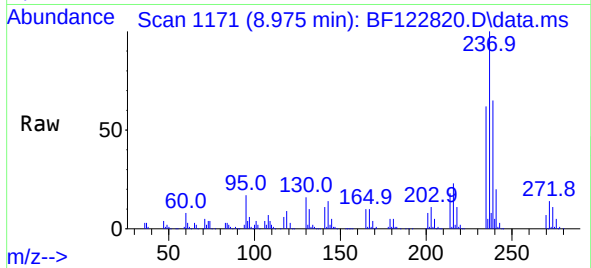
#41
Hexachlorocyclopentadiene
Concen: 83.48 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	237	Resp:	354468
Ion	Ratio	Lower	Upper
237	100		
235	62.4	40.9	80.9
272	14.0	0.0	33.4

Instrument :
BNA_F
ClientSampleId :
PB133764BS

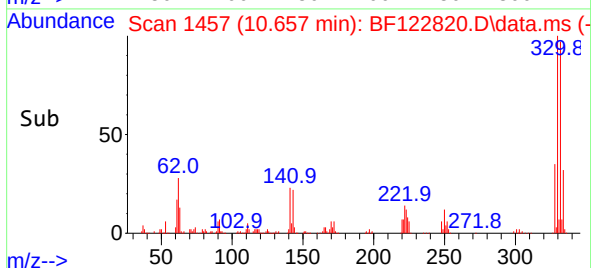
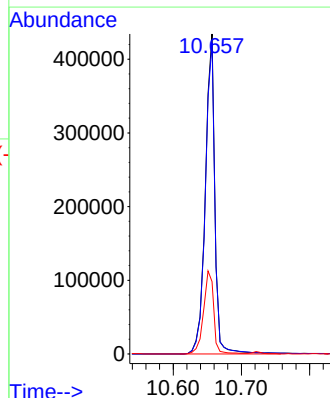
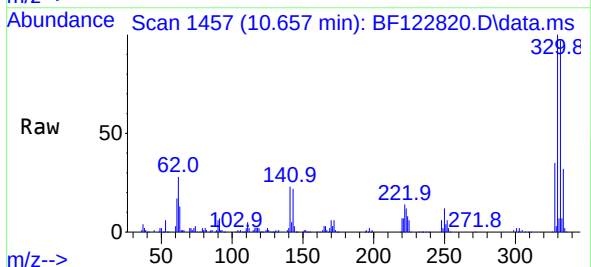
Manual Integrations
APPROVED

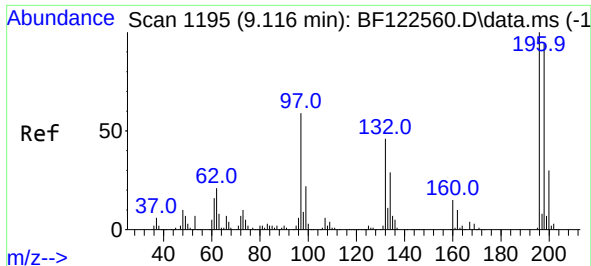
mohammad
12/23/2020 3:28:21 PM



#42
2,4,6-Tribromophenol
Concen: 111.52 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:	330	Resp:	423278
Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.5	116.3
141	27.7	23.8	35.8





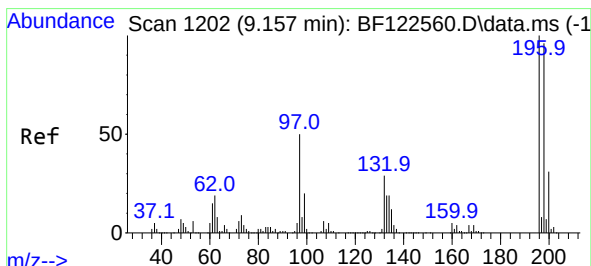
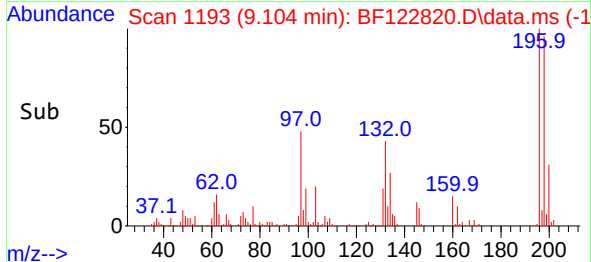
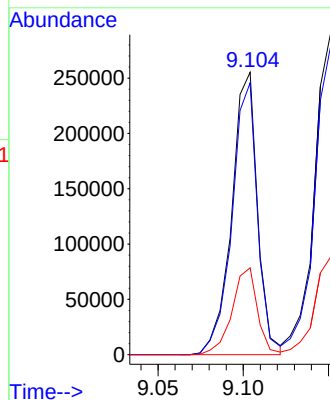
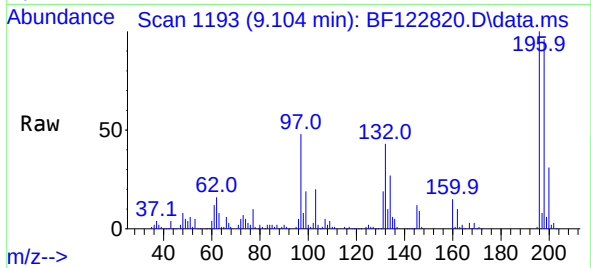
#43
2,4,6-Trichlorophenol
Concen: 40.58 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:196 Resp: 269131
Ion Ratio Lower Upper
196 100
198 96.2 75.1 112.7
200 30.8 23.7 35.5

Instrument :
BNA_F
ClientSampled :
PB133764BS

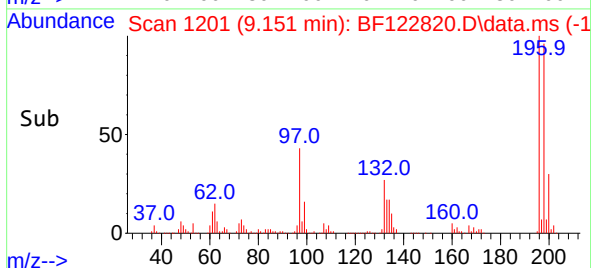
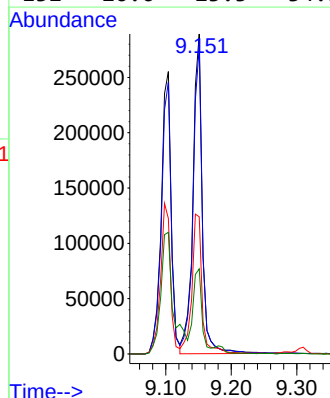
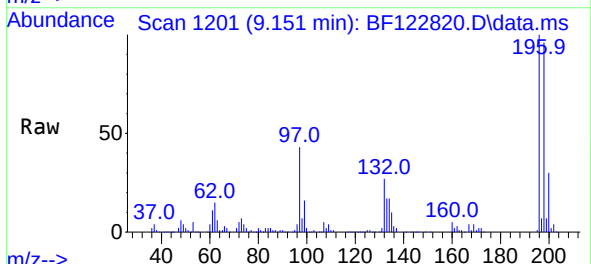
Manual Integrations
APPROVED

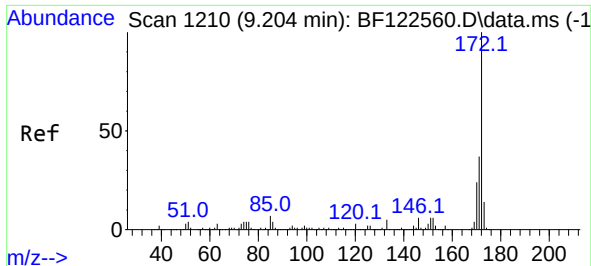
mohammad
12/23/2020 3:28:21 PM



#44
2,4,5-Trichlorophenol
Concen: 42.13 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:196 Resp: 288842
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
97 42.9 40.1 60.1
132 26.6 23.3 34.9





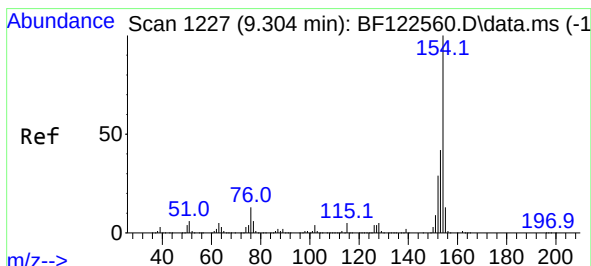
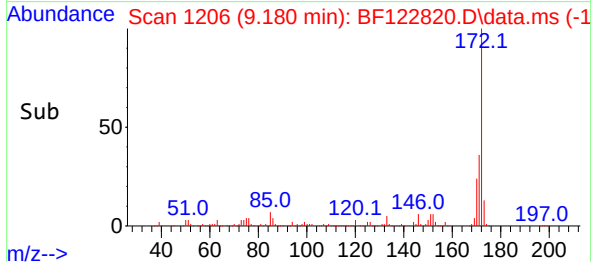
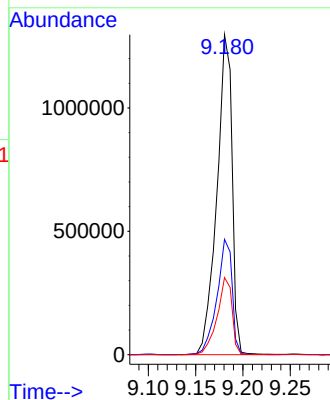
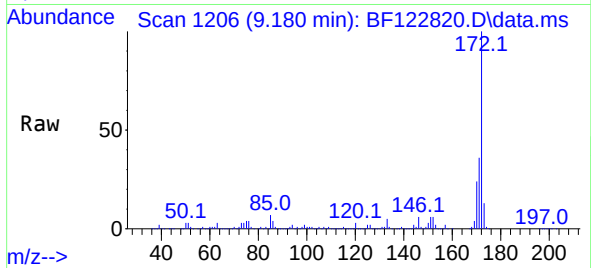
#45
2-Fluorobiphenyl
Concen: 67.77 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:172 Resp: 1452814
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.1 19.5 29.3

Instrument :
BNA_F
ClientSampleId :
PB133764BS

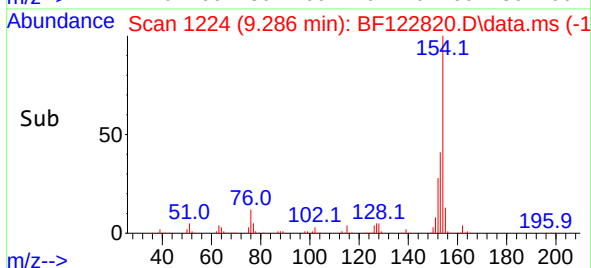
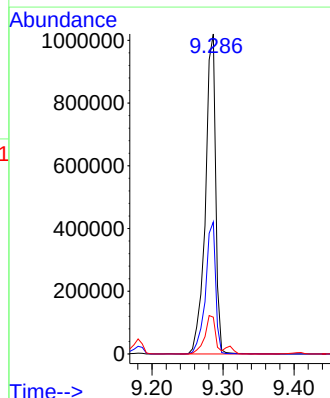
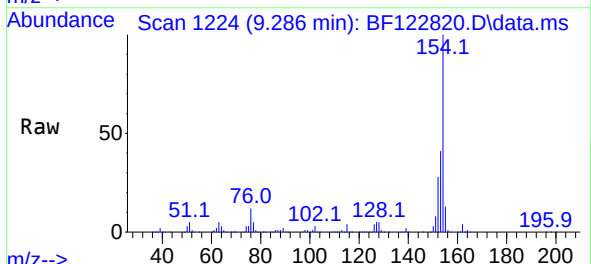
Manual Integrations
APPROVED

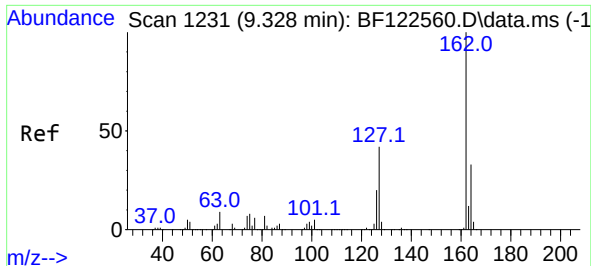
mohammad
12/23/2020 3:28:21 PM



#46
1,1'-Biphenyl
Concen: 42.66 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:154 Resp: 1026477
Ion Ratio Lower Upper
154 100
153 41.3 21.8 61.8
76 11.5 0.0 33.4





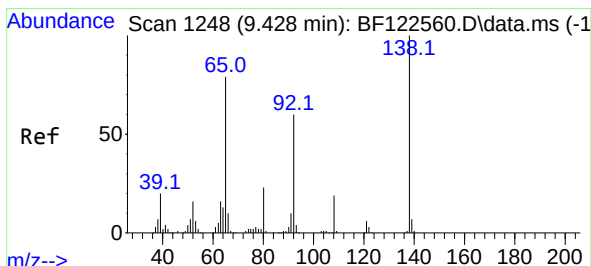
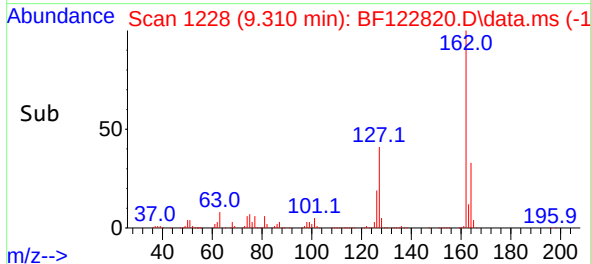
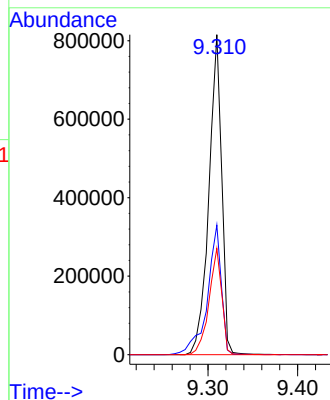
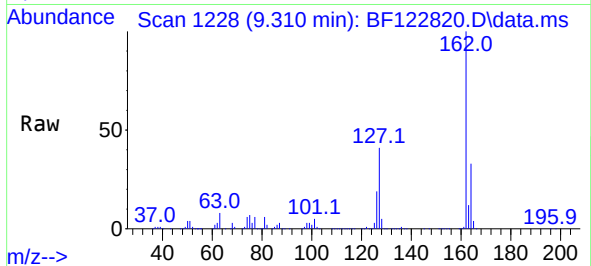
#47
2-Chloronaphthalene
Concen: 40.66 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:162 Resp: 810607
Ion Ratio Lower Upper
162 100
127 40.5 33.8 50.8
164 33.2 26.5 39.7

Instrument :
BNA_F
ClientSampled :
PB133764BS

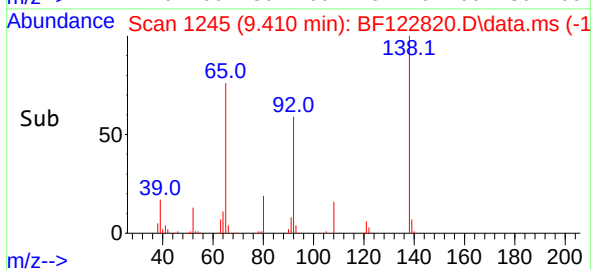
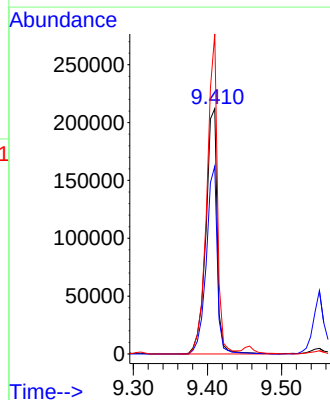
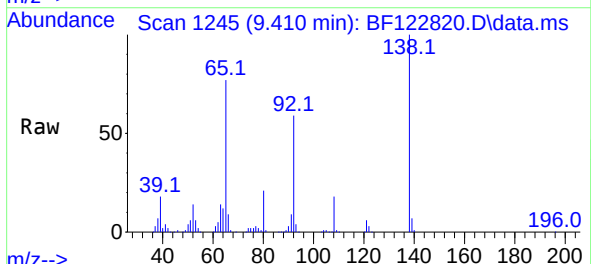
Manual Integrations
APPROVED

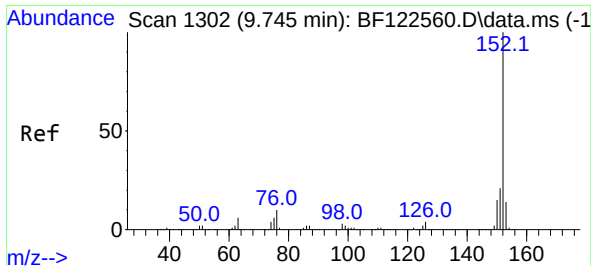
mohammad
12/23/2020 3:28:21 PM



#48
2-Nitroaniline
Concen: 39.00 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion: 65 Resp: 226699
Ion Ratio Lower Upper
65 100
92 76.5 60.0 90.0
138 130.5 100.6 151.0





#49

Acenaphthylene

Concen: 42.33 ng

RT: 9.727 min Scan# 1299

Delta R.T. 0.006 min

Lab File: BF122820.D

Acq: 22 Dec 2020 19:25

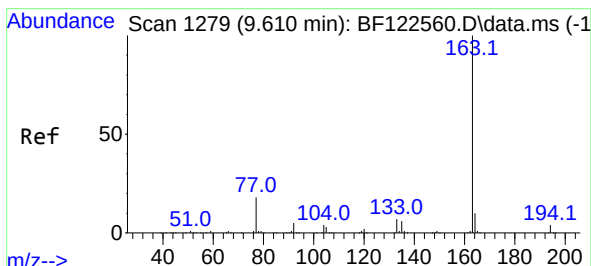
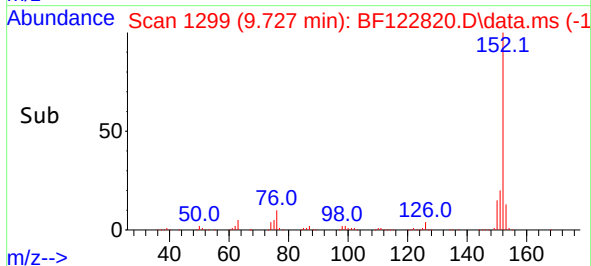
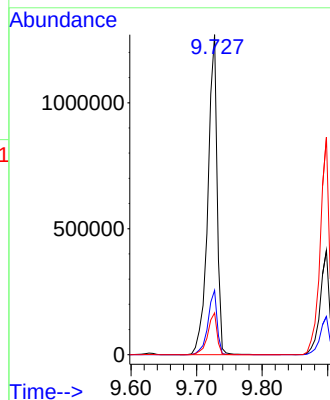
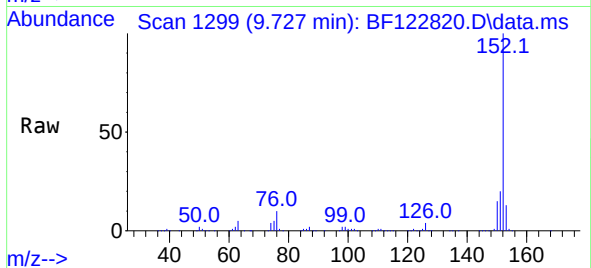
Tgt Ion:152 Resp: 1246696

Ion Ratio Lower Upper

152 100

151 20.1 16.6 25.0

153 13.1 10.9 16.3



#50

Dimethylphthalate

Concen: 42.20 ng

RT: 9.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF122820.D

Acq: 22 Dec 2020 19:25

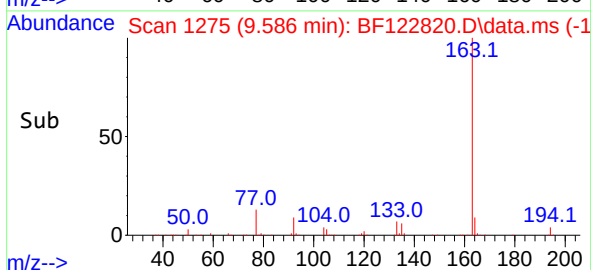
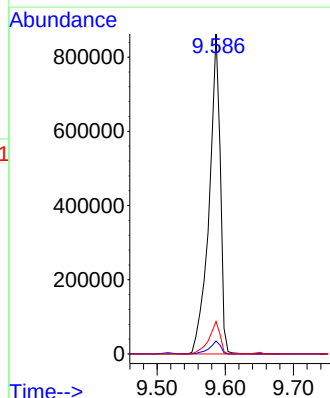
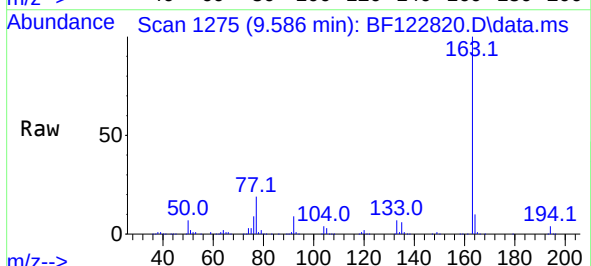
Tgt Ion:163 Resp: 977221

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1



Instrument :

BNA_F

ClientSampleId :

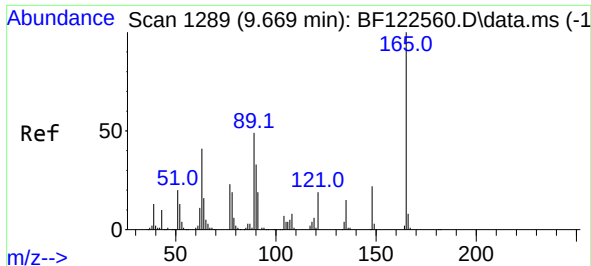
PB133764BS

Manual Integrations

APPROVED

mohammad

12/23/2020 3:28:21 PM



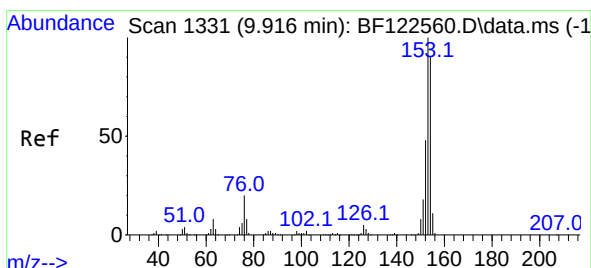
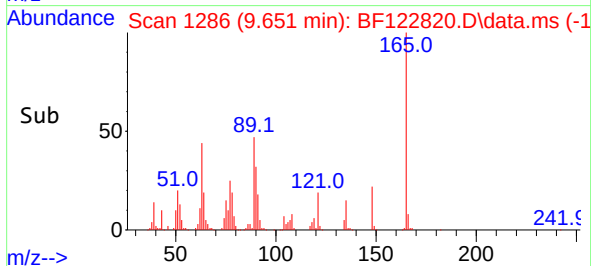
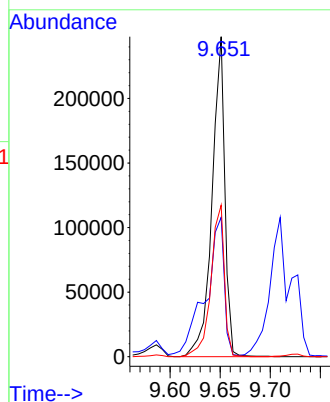
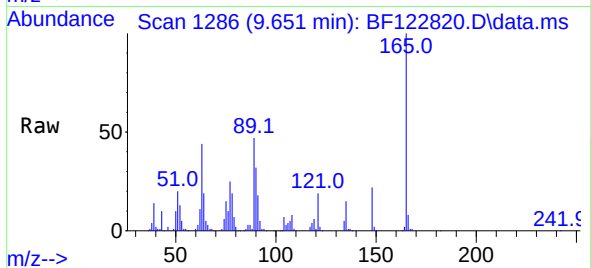
#51
2,6-Dinitrotoluene
Concen: 45.16 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:165 Resp: 220853
Ion Ratio Lower Upper
165 100
63 43.5 36.6 55.0
89 47.4 39.4 59.0

Instrument :
BNA_F
ClientSampled :
PB133764BS

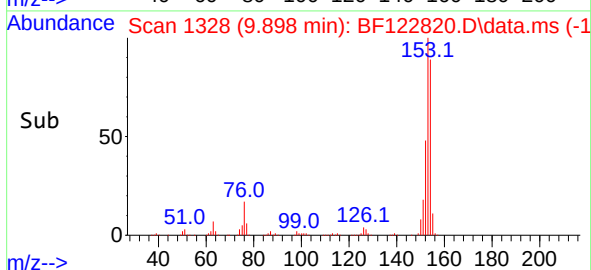
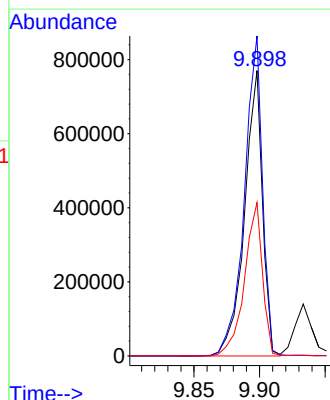
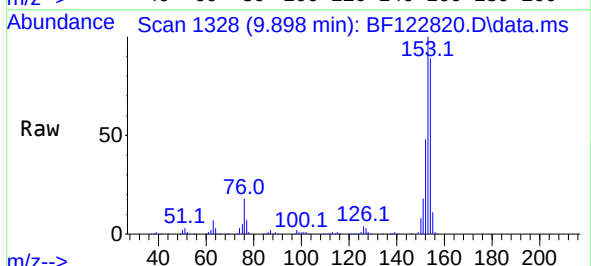
Manual Integrations
APPROVED

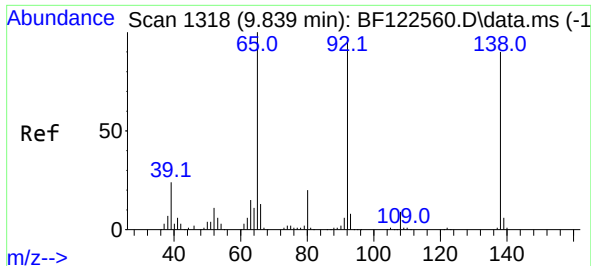
mohammad
12/23/2020 3:28:21 PM



#52
Acenaphthene
Concen: 38.39 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:154 Resp: 731472
Ion Ratio Lower Upper
154 100
153 112.1 89.0 133.6
152 53.8 42.7 64.1





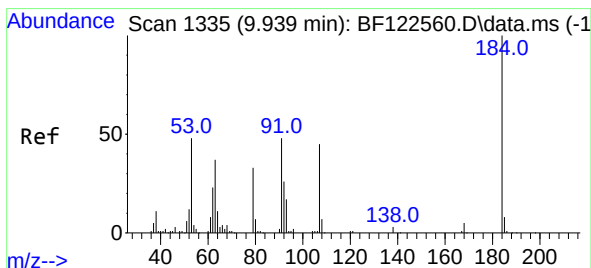
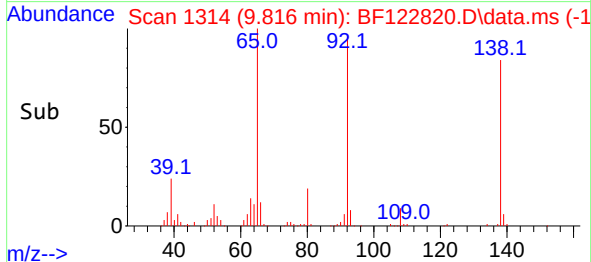
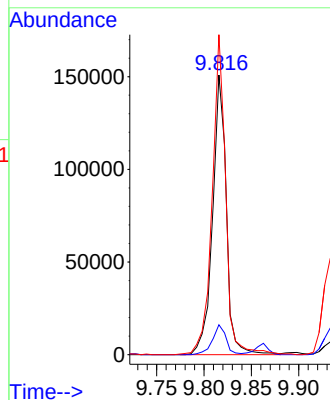
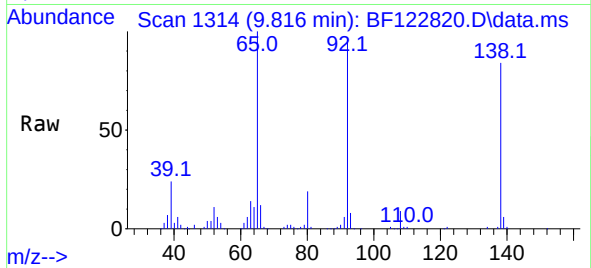
#53
3-Nitroaniline
Concen: 26.87 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:138 Resp: 151846
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.2
92 114.4 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
PB133764BS

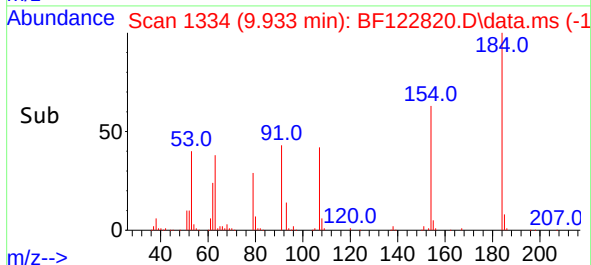
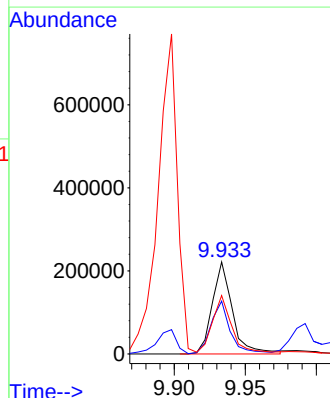
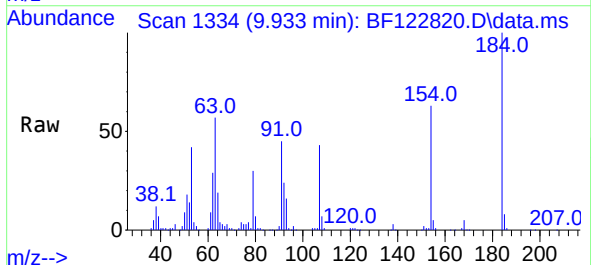
Manual Integrations
APPROVED

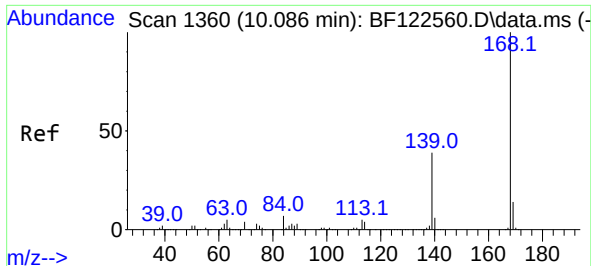
mohammad
12/23/2020 3:28:21 PM



#54
2,4-Dinitrophenol
Concen: 91.59 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

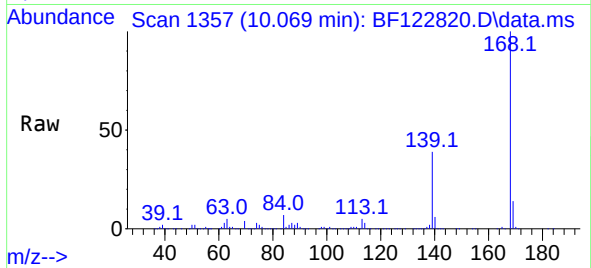
Tgt Ion:184 Resp: 219001
Ion Ratio Lower Upper
184 100
63 57.4 51.4 77.2
154 63.4 49.7 74.5





#55
Dibenzenofuran
Concen: 41.83 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

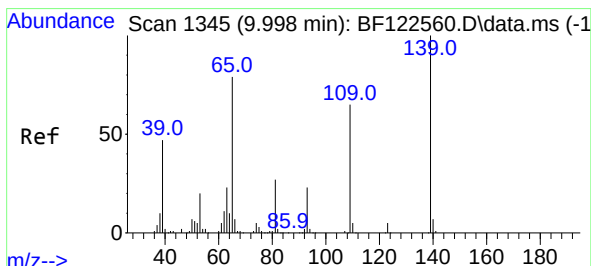
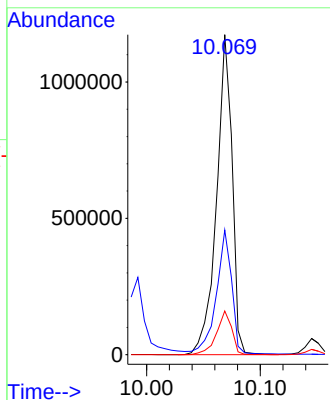
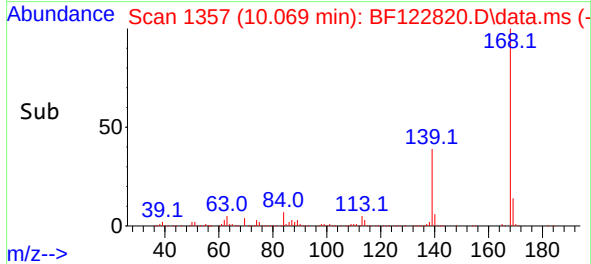
Instrument :
BNA_F
ClientSampled :
PB133764BS



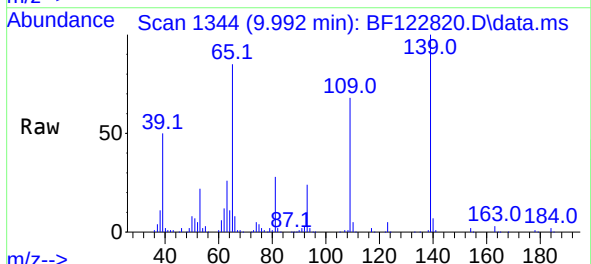
Tgt Ion:168 Resp: 1121034
Ion Ratio Lower Upper
168 100
139 38.9 31.3 46.9
169 13.6 11.2 16.8

Manual Integrations
APPROVED

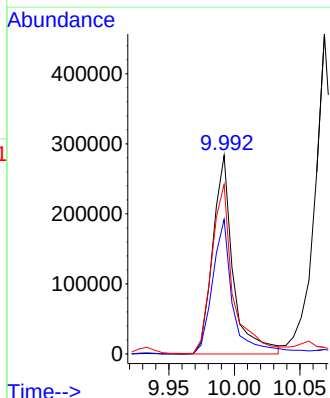
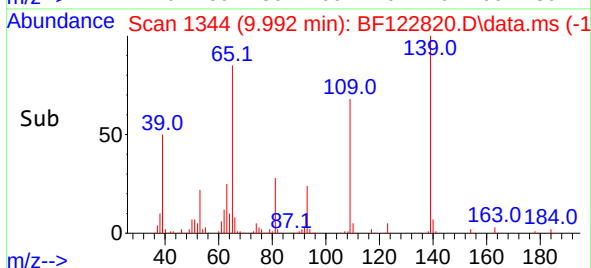
mohammad
12/23/2020 3:28:21 PM

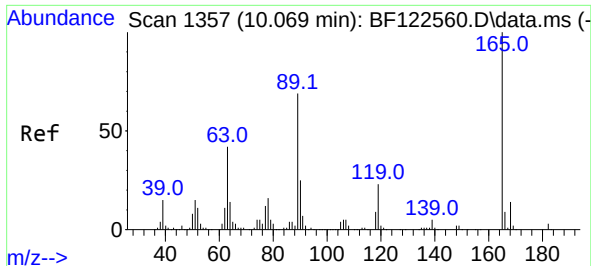


#56
4-Nitrophenol
Concen: 75.84 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.017 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

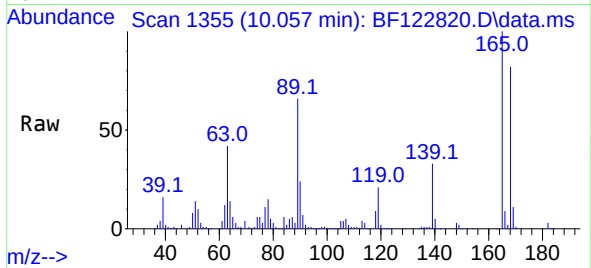


Tgt Ion:139 Resp: 305600
Ion Ratio Lower Upper
139 100
109 67.7 45.1 85.1
65 85.3 59.2 99.2

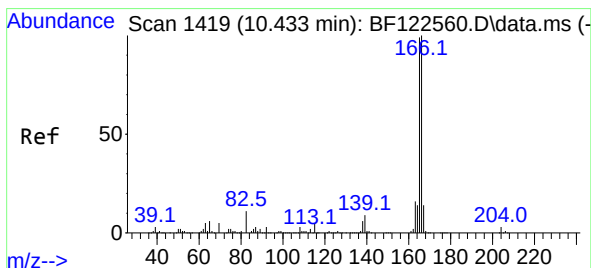
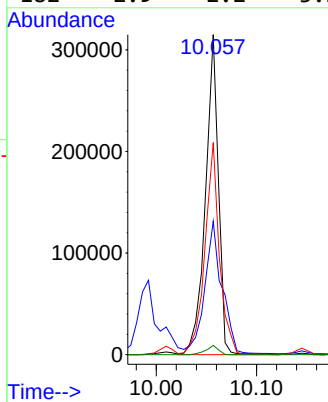
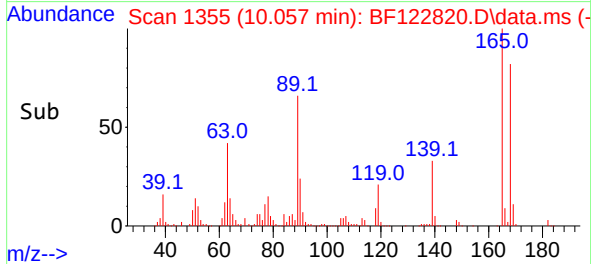




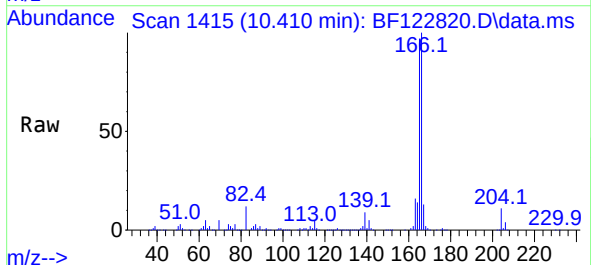
#57
2,4-Dinitrotoluene
Concen: 43.80 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



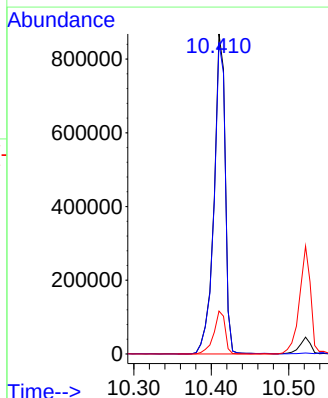
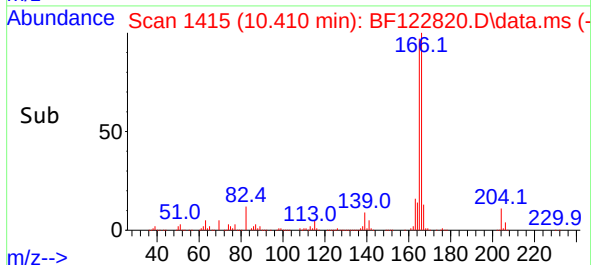
Tgt Ion:165 Resp: 285345
Ion Ratio Lower Upper
165 100
63 41.7 34.3 51.5
89 66.3 55.2 82.8
182 2.9 2.2 3.2



#58
Fluorene
Concen: 41.03 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



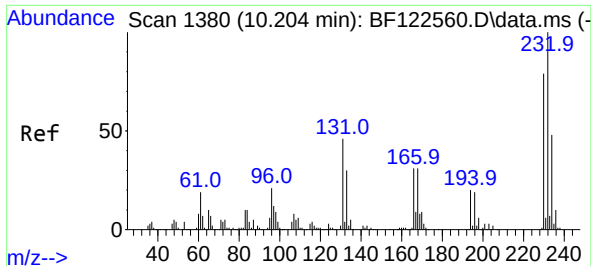
Tgt Ion:166 Resp: 874581
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.0
167 13.4 10.9 16.3



Instrument :
BNA_F
ClientSampled :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM



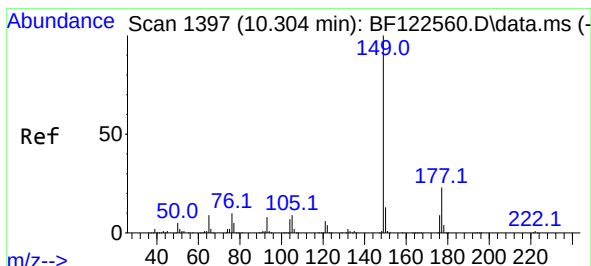
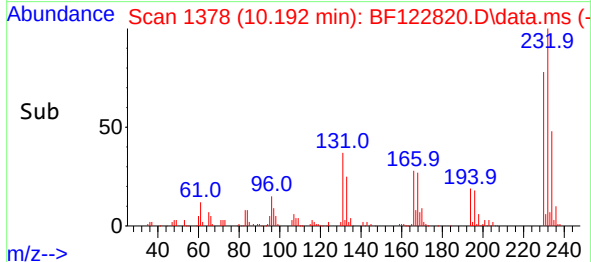
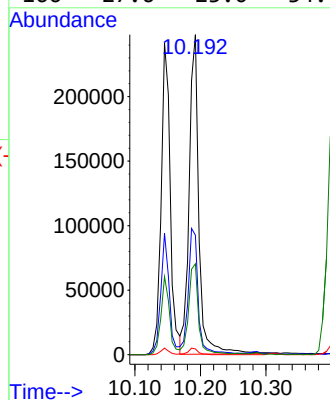
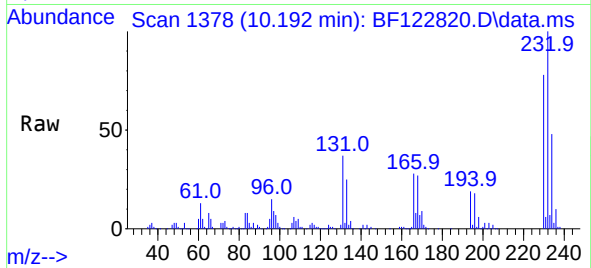
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.19 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:232 Resp: 254144
Ion Ratio Lower Upper
232 100
131 40.0 33.0 49.4
130 2.1 1.7 2.5
166 27.6 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
PB133764BS

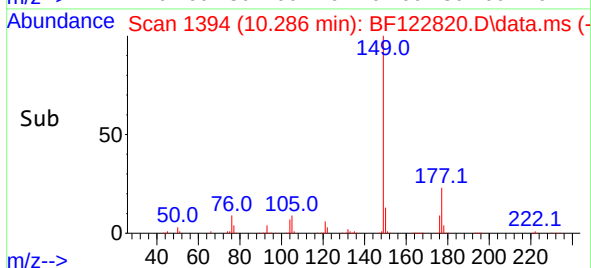
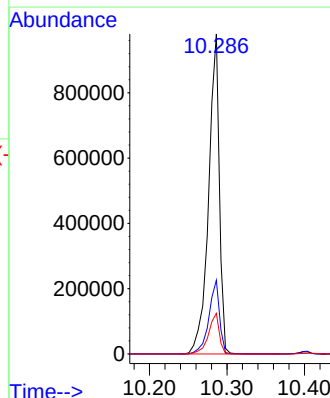
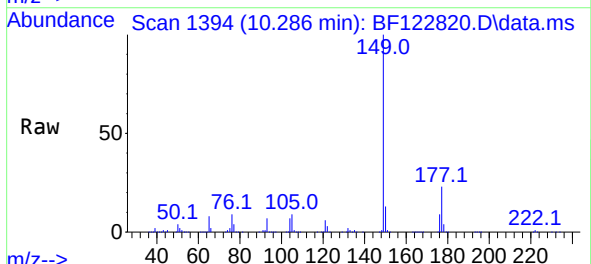
Manual Integrations
APPROVED

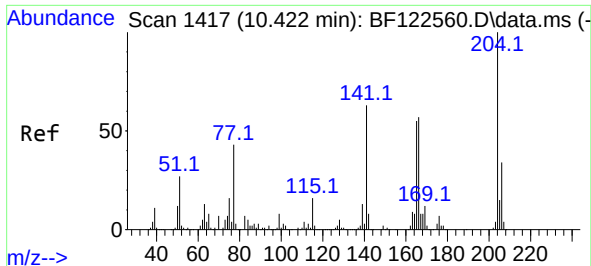
mohammad
12/23/2020 3:28:21 PM



#60
Diethylphthalate
Concen: 41.92 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

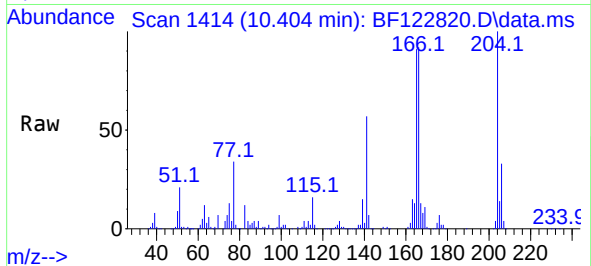
Tgt Ion:149 Resp: 944131
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.73 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

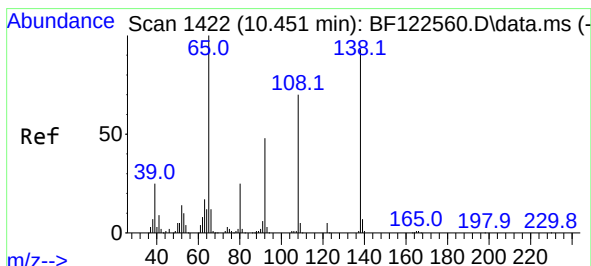
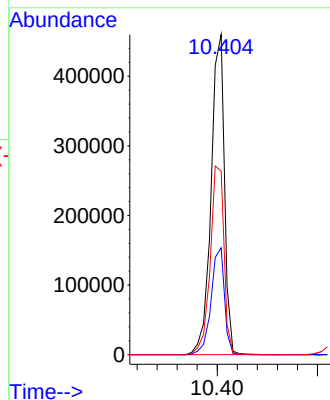
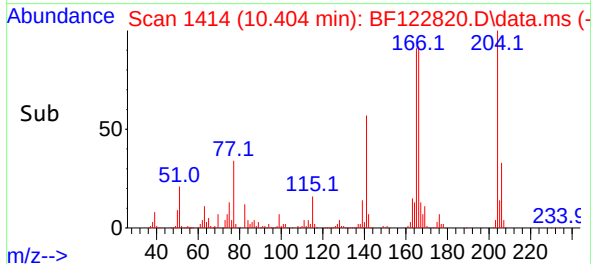
Instrument :
BNA_F
ClientSampled :
PB133764BS



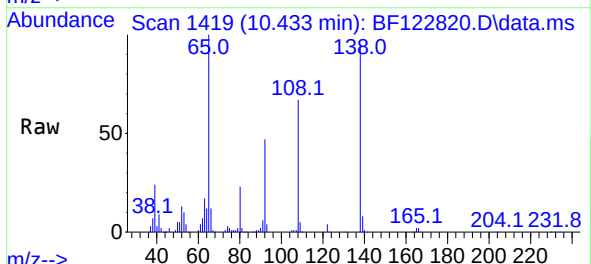
Tgt Ion:204 Resp: 427489
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 57.3 50.4 75.6

Manual Integrations
APPROVED

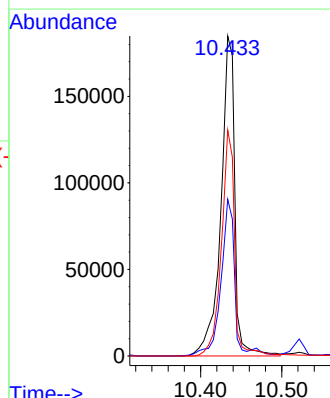
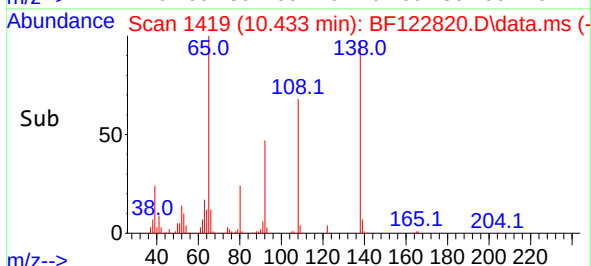
mohammad
12/23/2020 3:28:21 PM

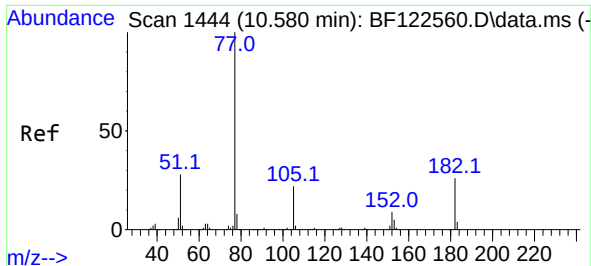


#62
4-Nitroaniline
Concen: 38.58 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

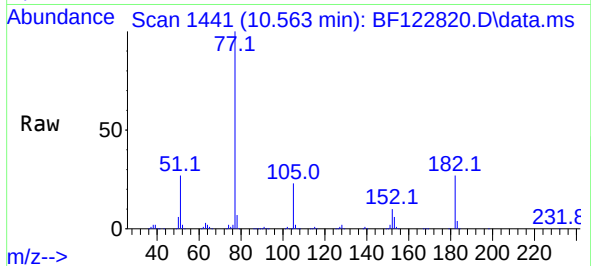


Tgt Ion:138 Resp: 221336
Ion Ratio Lower Upper
138 100
92 49.0 31.0 71.0
108 70.6 54.8 94.8

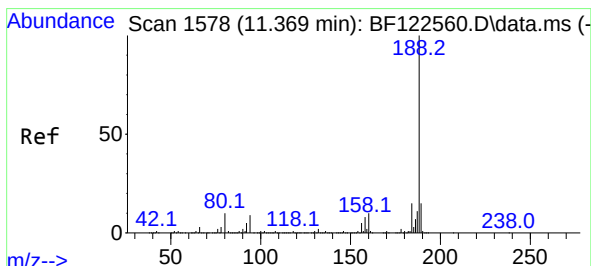
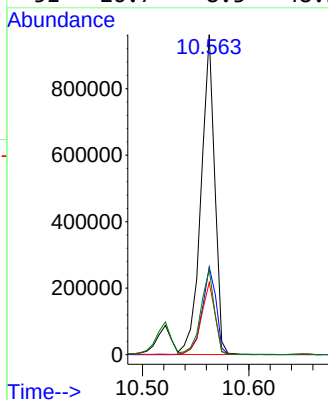
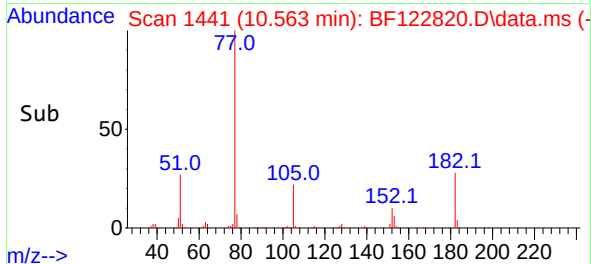




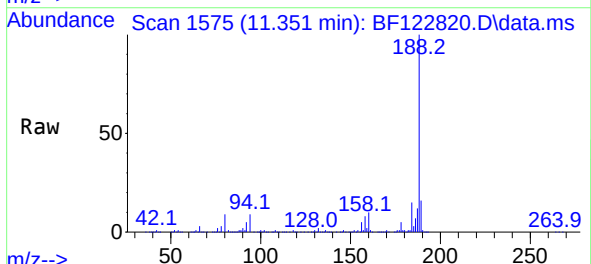
#63
Azobenzene
Concen: 41.48 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



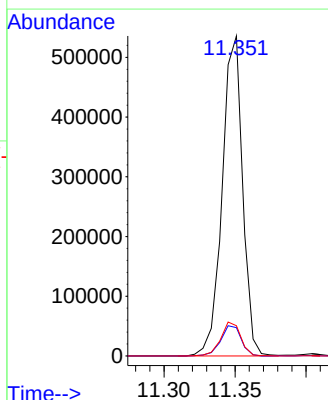
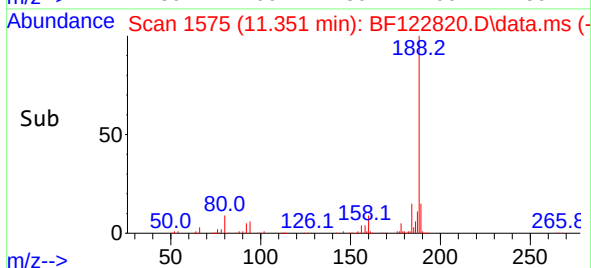
Tgt Ion: 77 Resp: 858783
Ion Ratio Lower Upper
77 100
182 27.5 5.6 45.6
105 22.5 1.8 41.8
51 26.7 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



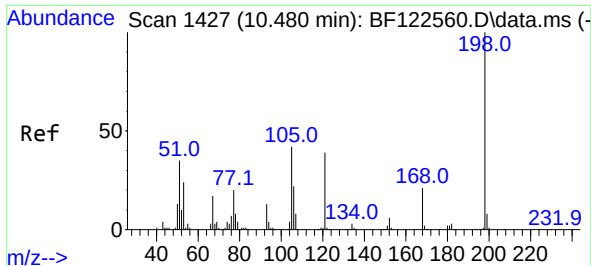
Tgt Ion: 188 Resp: 534916
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.5 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM



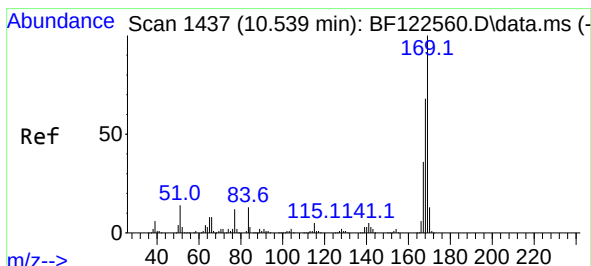
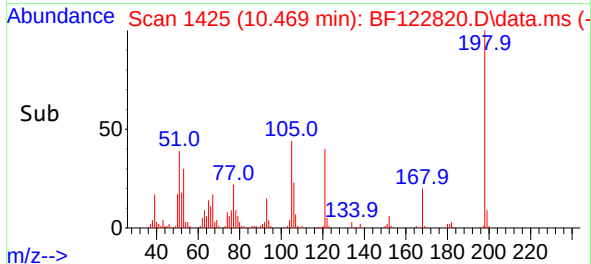
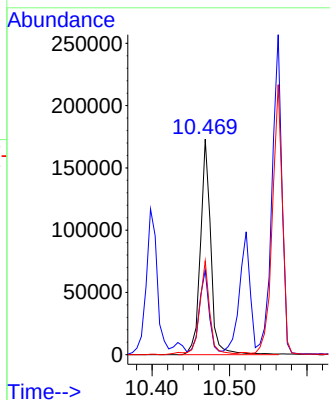
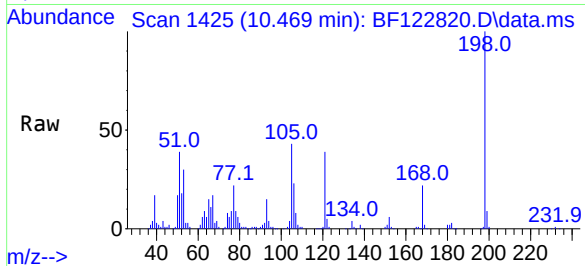
#65
4,6-Dinitro-2-methylphenol
Concen: 49.36 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:198 Resp: 160993
Ion Ratio Lower Upper
198 100
51 39.2 20.3 60.3
105 43.5 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
PB133764BS

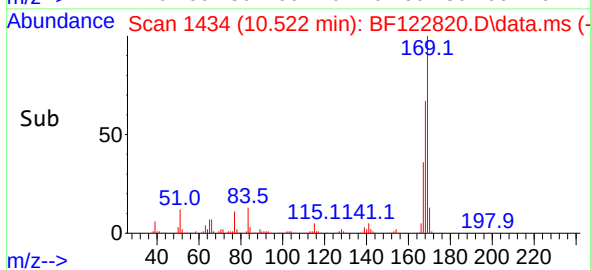
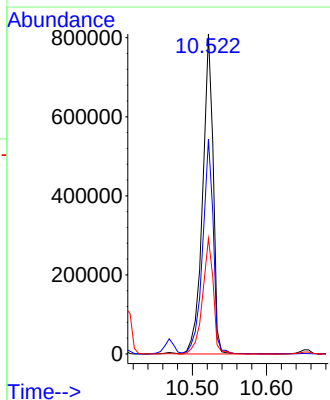
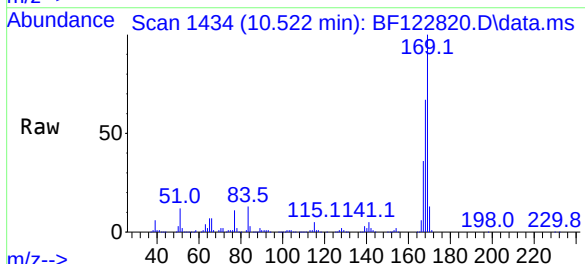
Manual Integrations
APPROVED

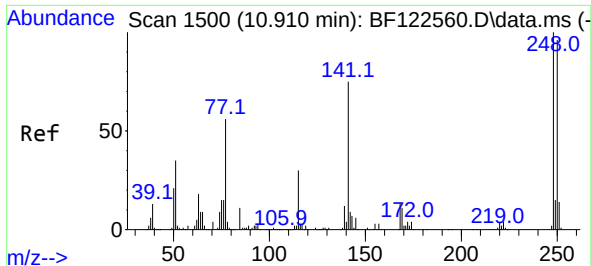
mohammad
12/23/2020 3:28:21 PM



#66
n-Nitrosodiphenylamine
Concen: 42.25 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:169 Resp: 798569
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 36.1 29.2 43.8





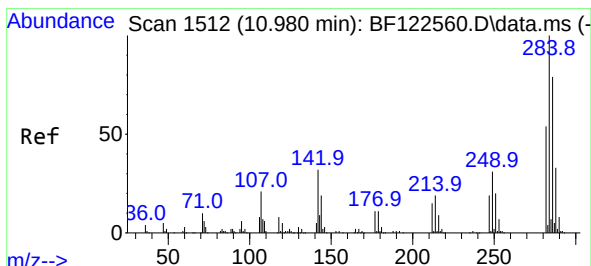
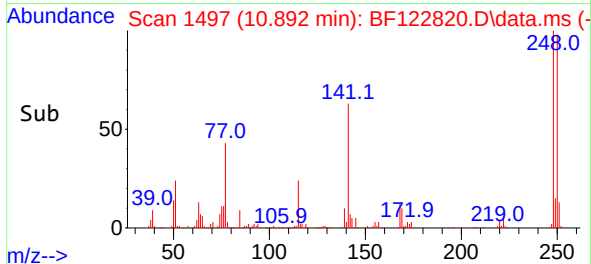
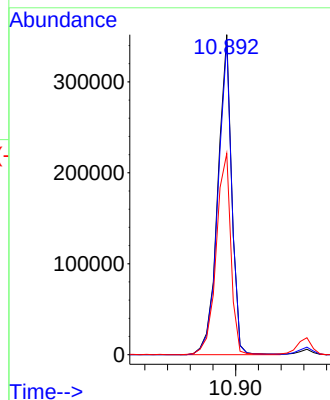
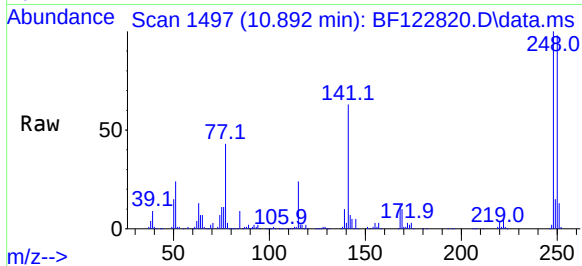
#67
4-Bromophenyl-phenylether
Concen: 41.18 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:248 Resp: 298528
Ion Ratio Lower Upper
248 100
250 97.9 76.8 115.2
141 62.9 59.8 89.8

Instrument :
BNA_F
ClientSampled :
PB133764BS

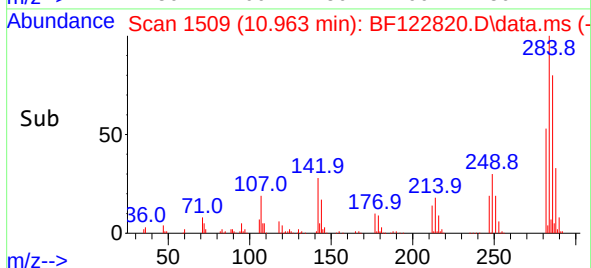
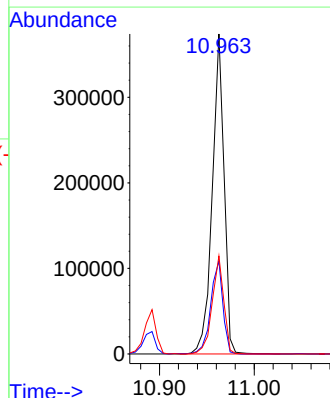
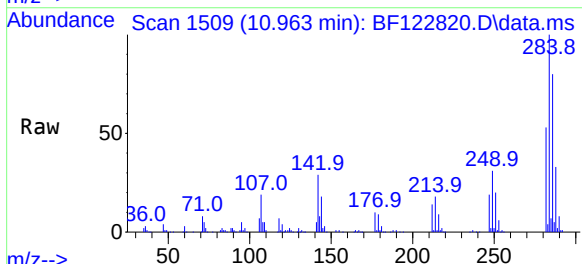
Manual Integrations
APPROVED

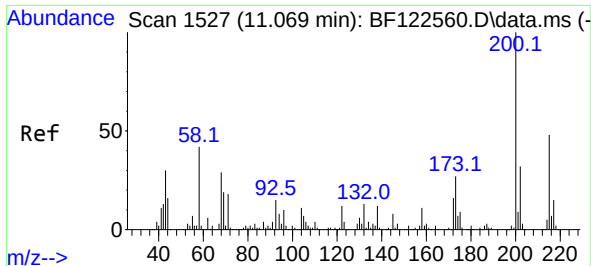
mohammad
12/23/2020 3:28:21 PM



#68
Hexachlorobenzene
Concen: 40.31 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:284 Resp: 323019
Ion Ratio Lower Upper
284 100
142 29.0 25.6 38.4
249 30.6 25.1 37.7





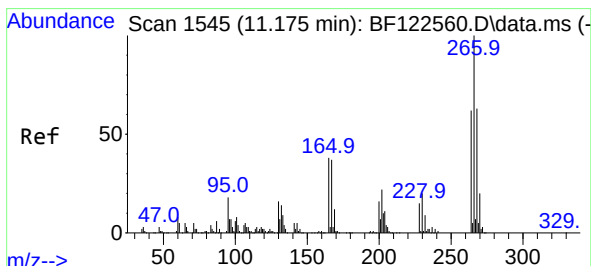
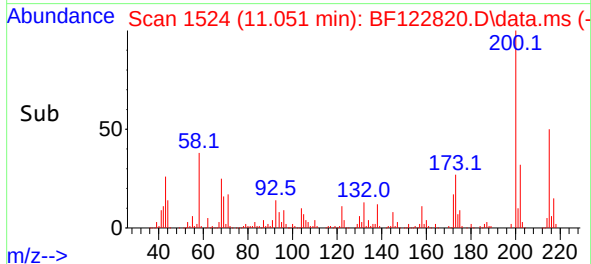
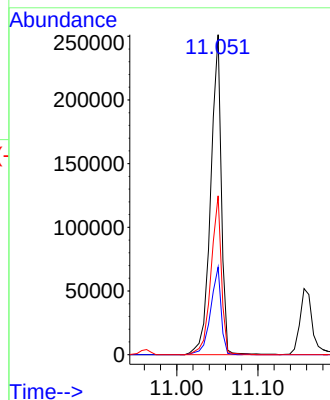
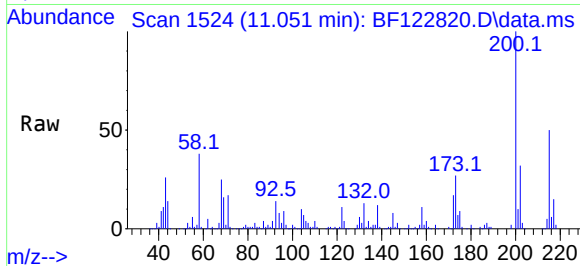
#69
Atrazine
Concen: 37.07 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:200 Resp: 227550
Ion Ratio Lower Upper
200 100
173 27.4 6.6 46.6
215 49.6 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
PB133764BS

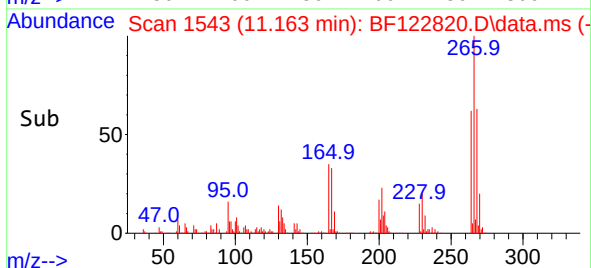
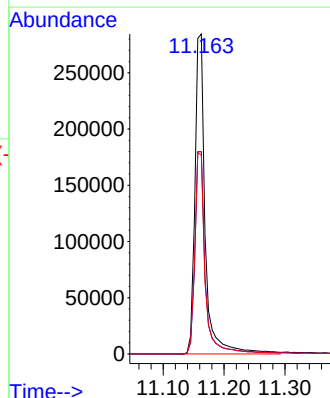
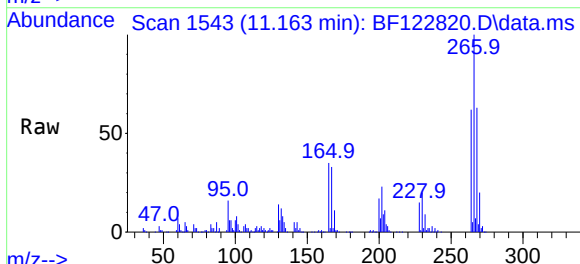
Manual Integrations
APPROVED

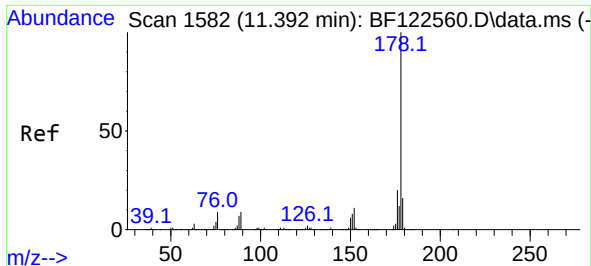
mohammad
12/23/2020 3:28:21 PM



#70
Pentachlorophenol
Concen: 79.24 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

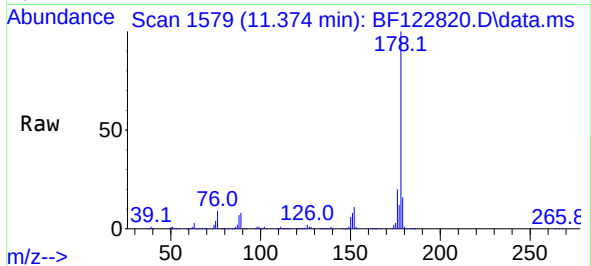
Tgt Ion:266 Resp: 336403
Ion Ratio Lower Upper
266 100
268 63.2 50.5 75.7
264 62.1 49.8 74.8





#71
Phenanthrene
Concen: 41.41 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

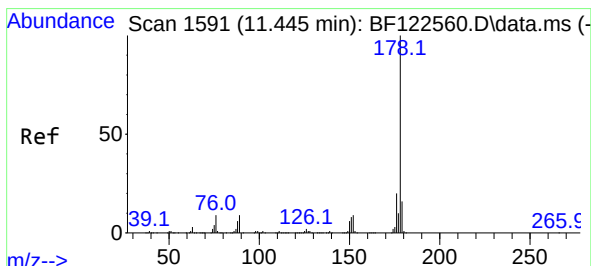
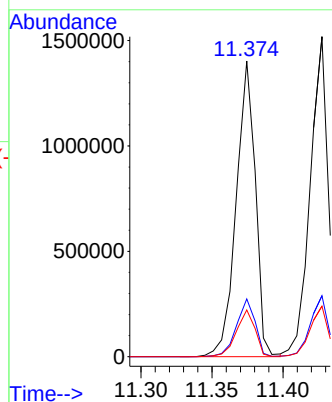
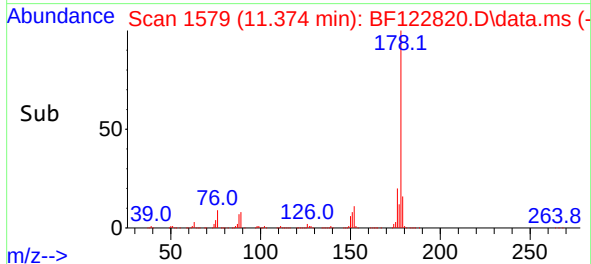
Instrument :
BNA_F
ClientSampleId :
PB133764BS



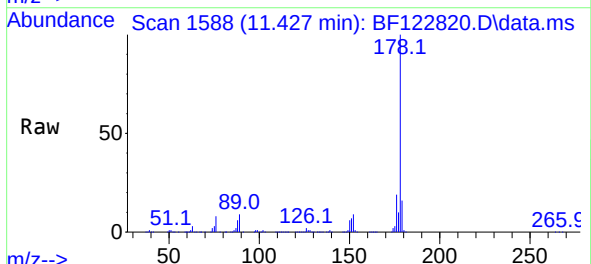
Tgt Ion:178 Resp: 1316414
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.8 12.7 19.1

Manual Integrations
APPROVED

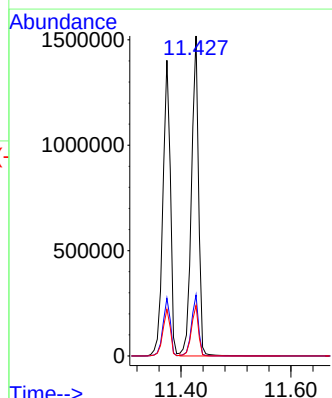
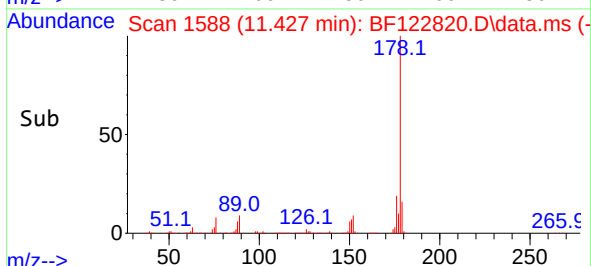
mohammad
12/23/2020 3:28:21 PM

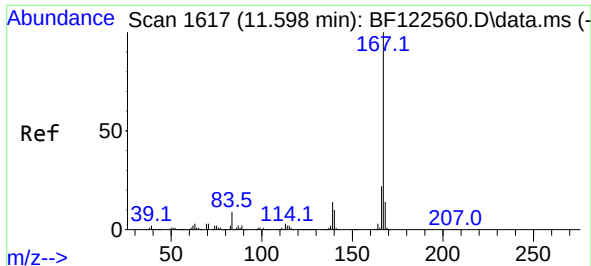


#72
Anthracene
Concen: 42.90 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

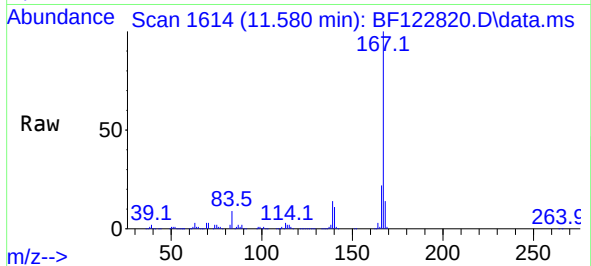


Tgt Ion:178 Resp: 1352380
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.8 12.8 19.2



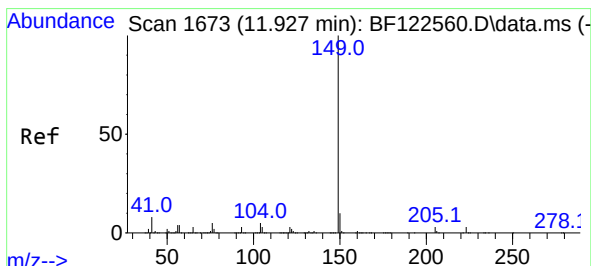
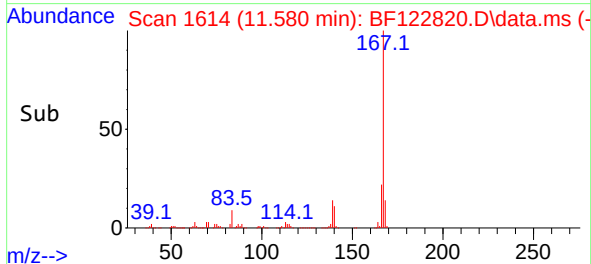
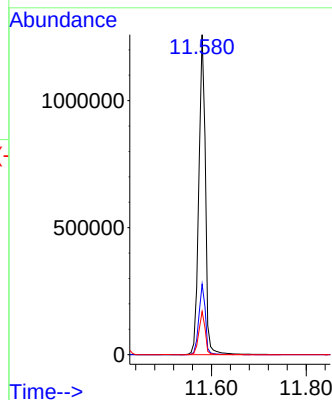


#73
 Carbazole
 Concen: 42.71 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122820.D
 Acq: 22 Dec 2020 19:25

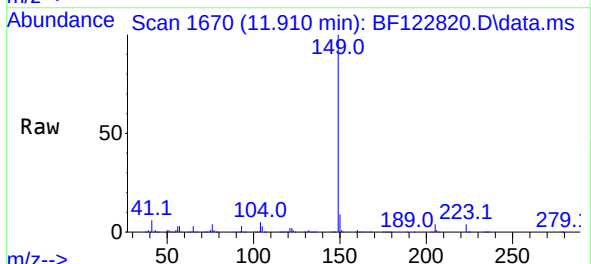


Tgt Ion:167 Resp: 1221038

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	13.5	10.9	16.3

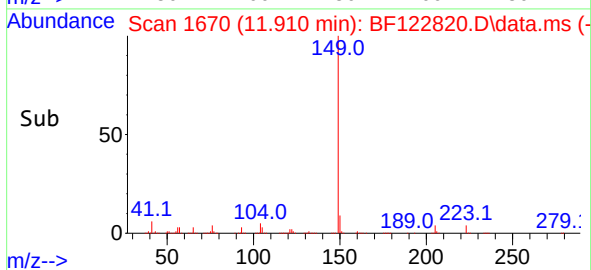
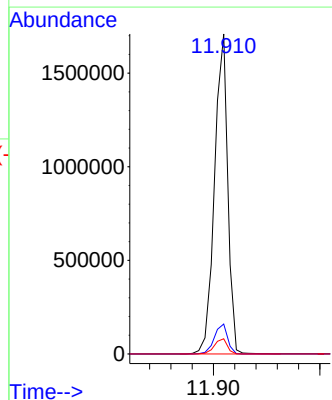


#74
 Di-n-butylphthalate
 Concen: 40.90 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. -0.000 min
 Lab File: BF122820.D
 Acq: 22 Dec 2020 19:25



Tgt Ion:149 Resp: 1469411

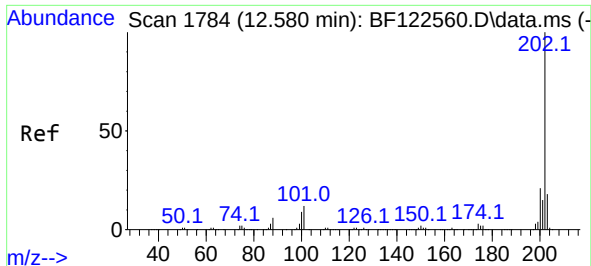
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	4.2	6.4



Instrument :
 BNA_F
 ClientSampleId :
 PB133764BS

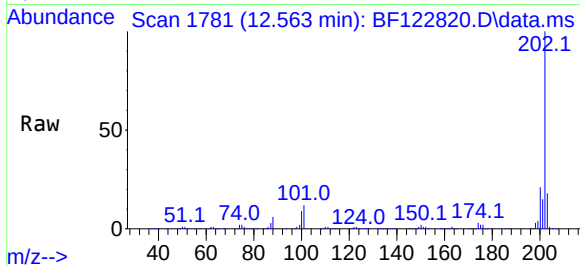
Manual Integrations
 APPROVED

mohammad
 12/23/2020 3:28:21 PM



#75
Fluoranthene
Concen: 41.88 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

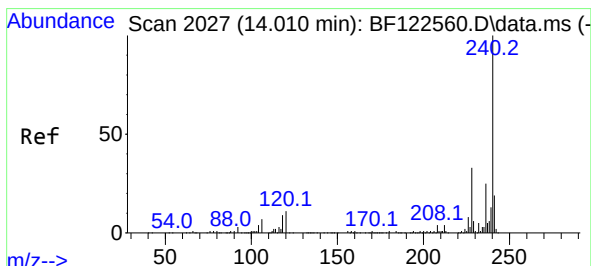
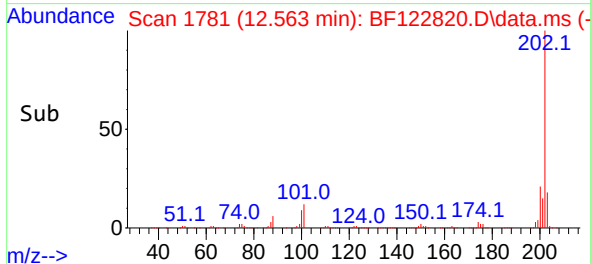
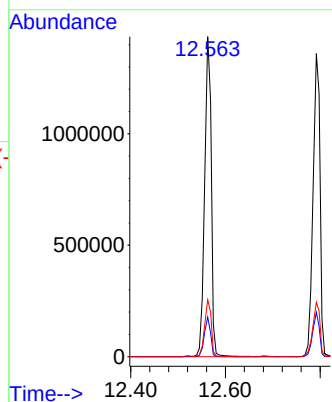
Instrument :
BNA_F
ClientSampleId :
PB133764BS



Tgt Ion:202 Resp: 1396295
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.2
203 17.8 0.0 38.1

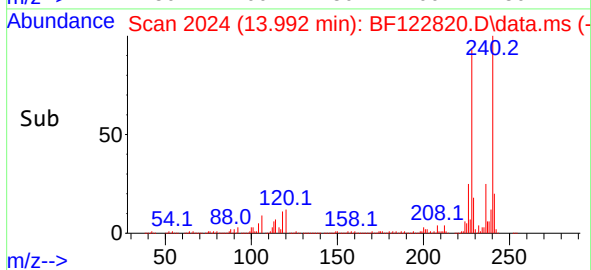
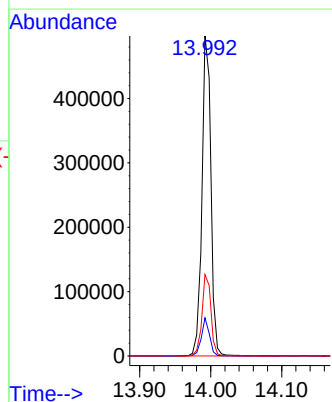
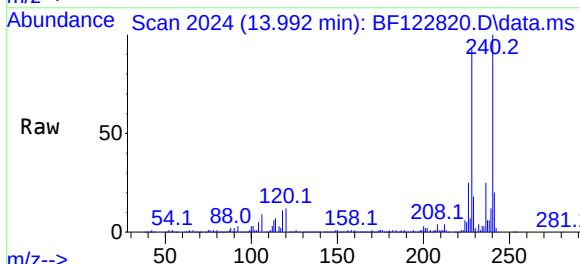
Manual Integrations
APPROVED

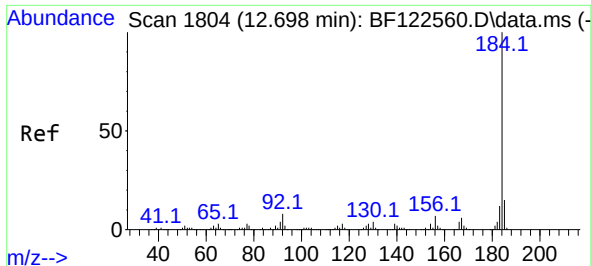
mohammad
12/23/2020 3:28:21 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:240 Resp: 438045
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.4 20.3 30.5





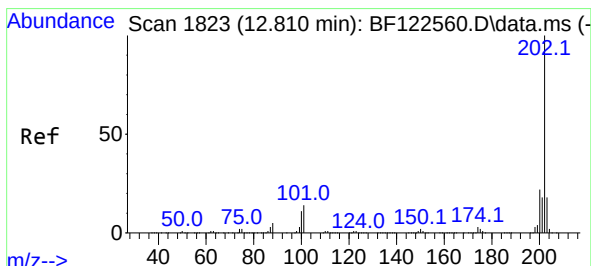
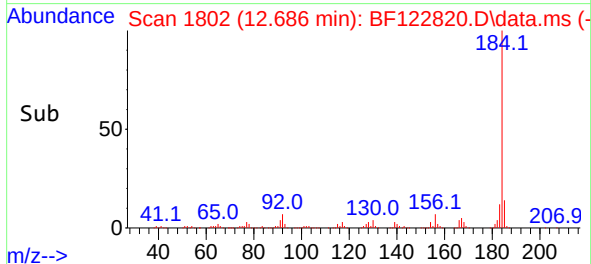
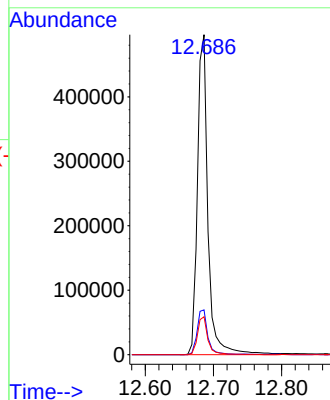
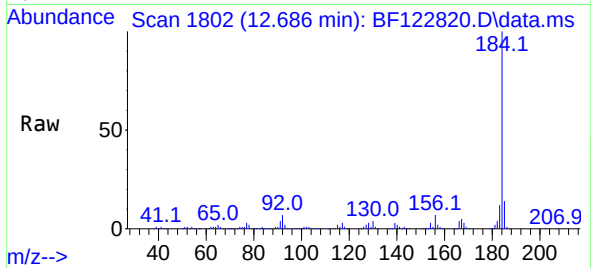
#77
Benzidine
Concen: 55.93 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:184	Resp: 529959		
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.6
183	11.9	9.7	14.5

Instrument :
BNA_F
ClientSampleId :
PB133764BS

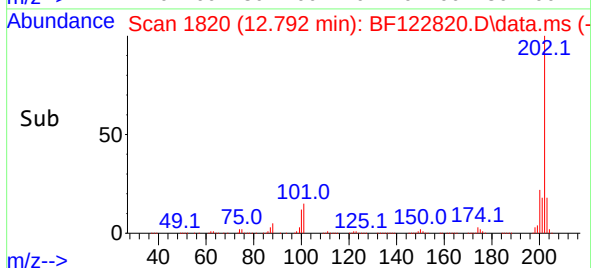
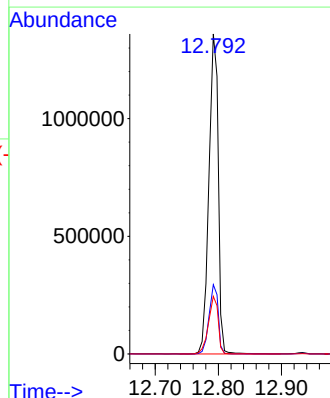
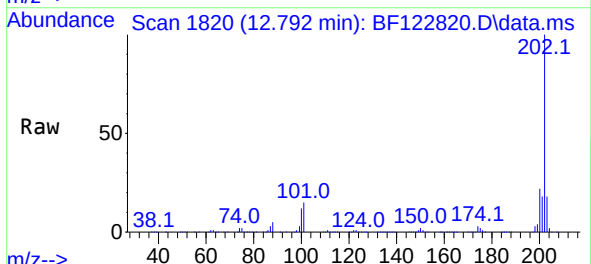
Manual Integrations
APPROVED

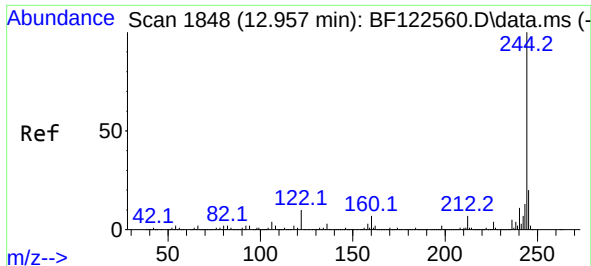
mohammad
12/23/2020 3:28:21 PM



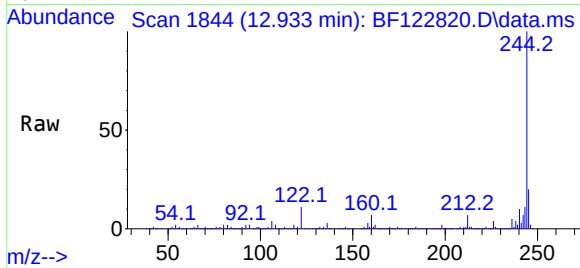
#78
Pyrene
Concen: 41.43 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:202	Resp: 1403047		
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.6	26.4
203	18.0	14.6	21.8

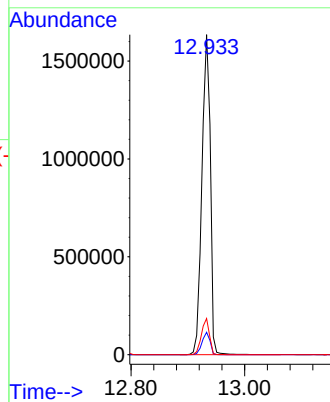
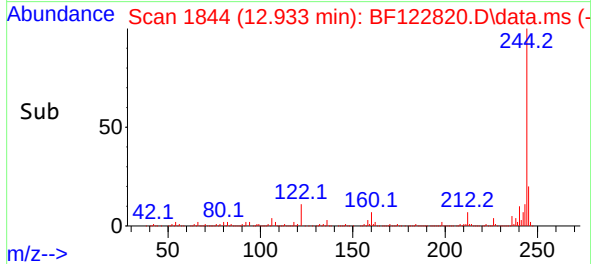




#79
Terphenyl-d14
Concen: 67.39 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



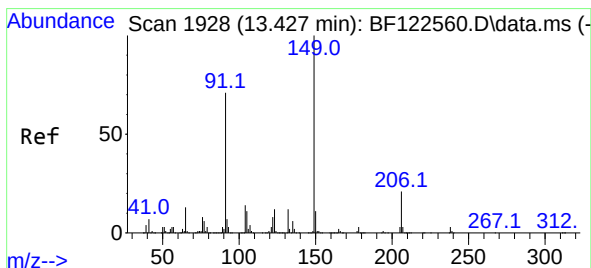
Tgt Ion:244 Resp: 1686473
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.3 8.3 12.5



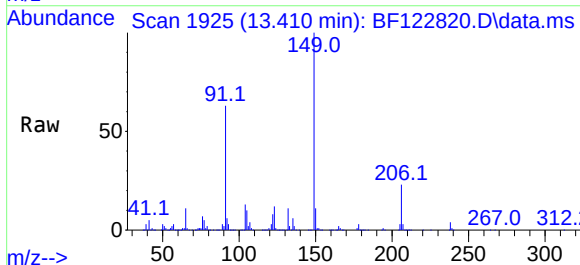
Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

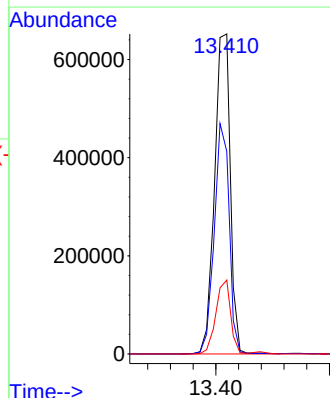
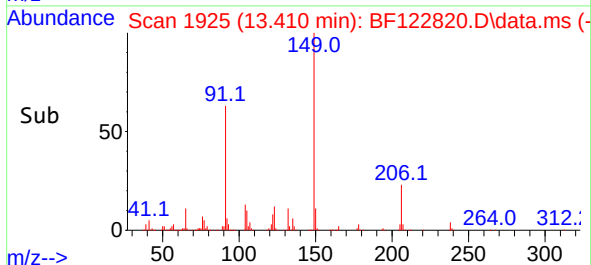
mohammad
12/23/2020 3:28:21 PM

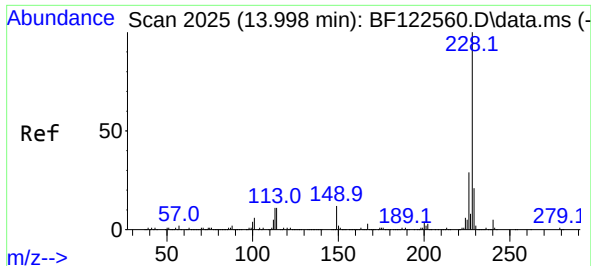


#80
Butylbenzylphthalate
Concen: 41.27 ng
RT: 13.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



Tgt Ion:149 Resp: 629572
Ion Ratio Lower Upper
149 100
91 63.3 56.5 84.7
206 23.1 17.0 25.6





#81
Benzo(a)anthracene
Concen: 42.68 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

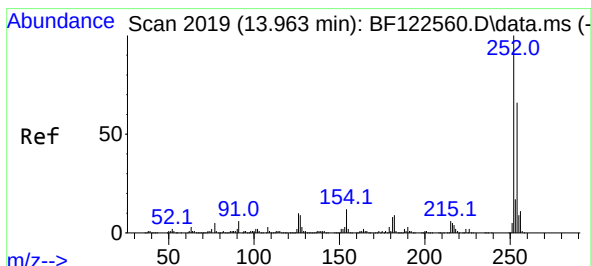
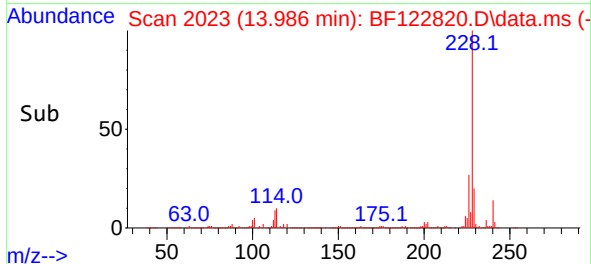
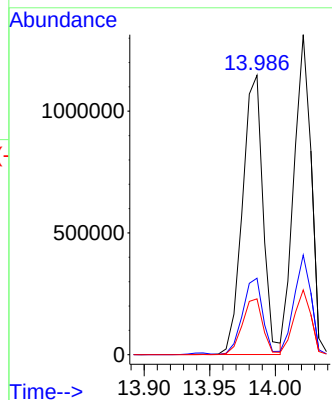
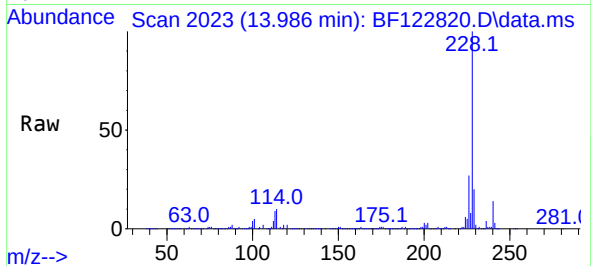
Tgt Ion:228 Resp: 1249463

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.0	16.6	24.8

Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

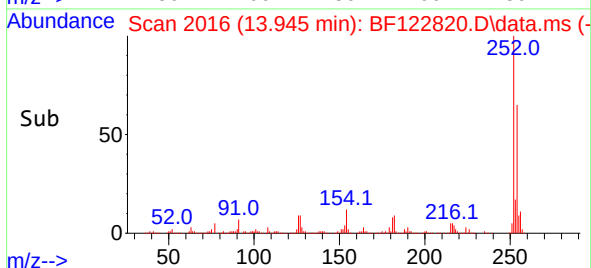
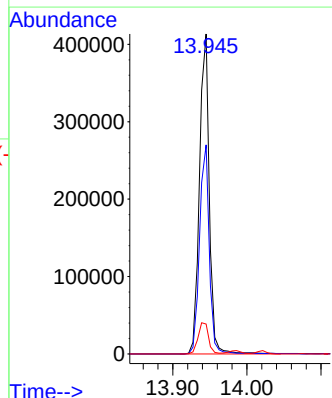
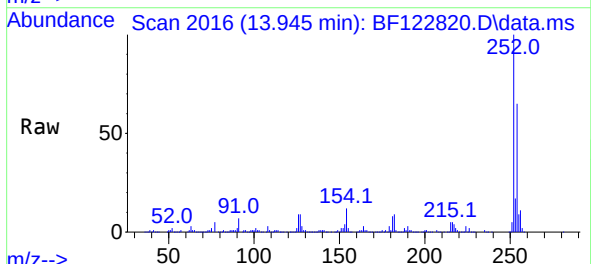
mohammad
12/23/2020 3:28:21 PM

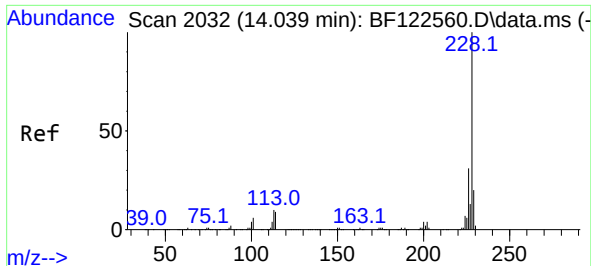


#82
3,3'-Dichlorobenzidine
Concen: 36.17 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

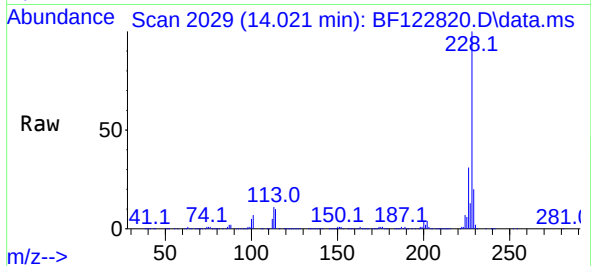
Tgt Ion:252 Resp: 379224

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.7	79.1
126	9.4	8.0	12.0

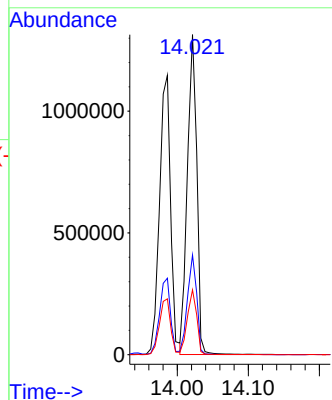
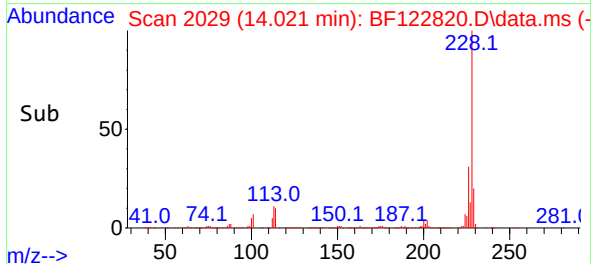




#83
Chrysene
Concen: 41.46 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



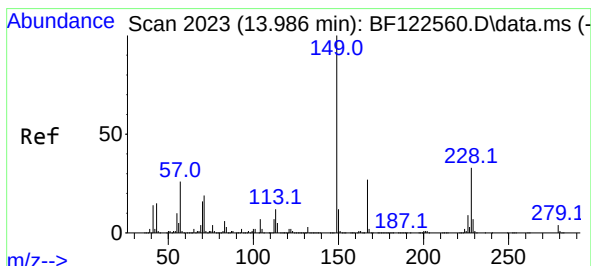
Tgt Ion:228 Resp: 1207851
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 20.3 15.8 23.6



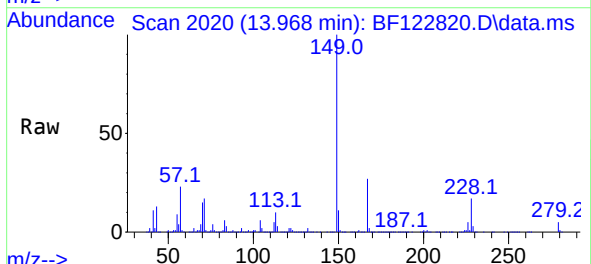
Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

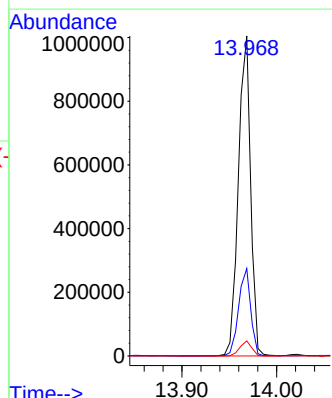
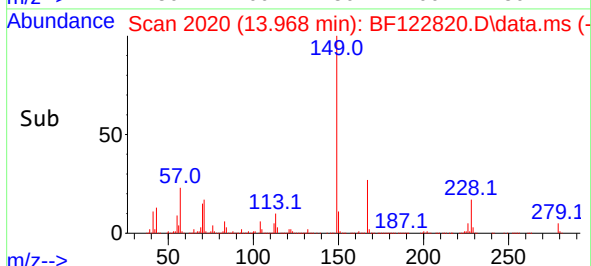
mohammad
12/23/2020 3:28:21 PM

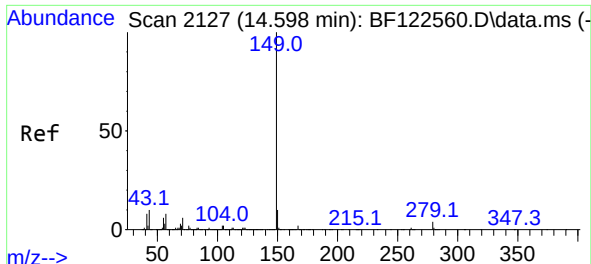


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.12 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



Tgt Ion:149 Resp: 900803
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.7 3.4 5.0





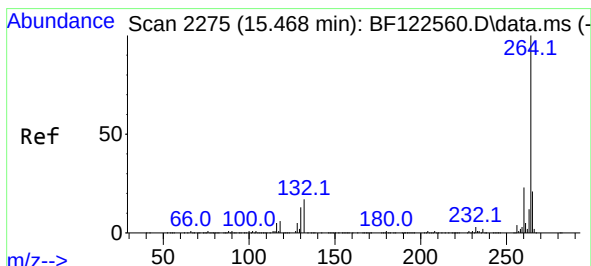
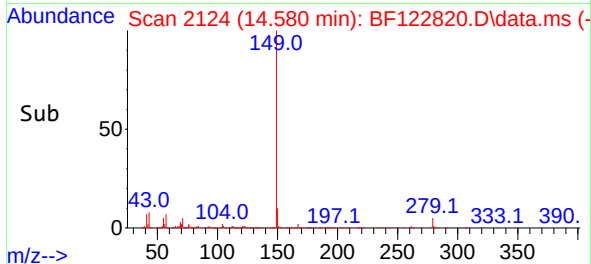
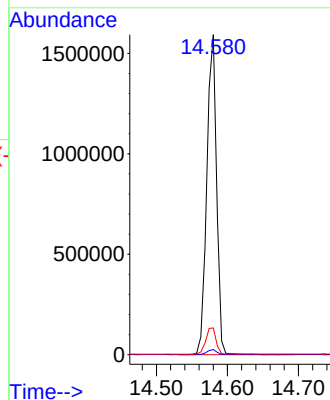
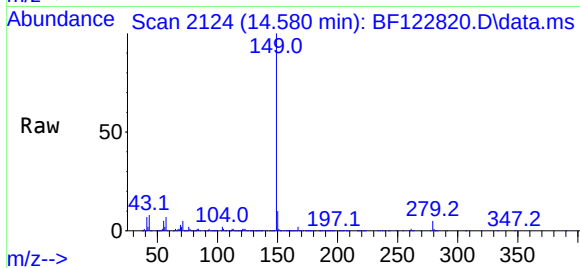
#85
Di-n-octyl phthalate
Concen: 44.01 ng
RT: 14.580 min Scan# 2124
Delta R.T. 0.006 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:149 Resp: 1525230
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.6 11.4

Instrument :
BNA_F
ClientSampleId :
PB133764BS

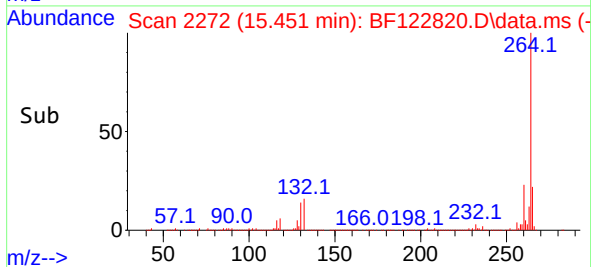
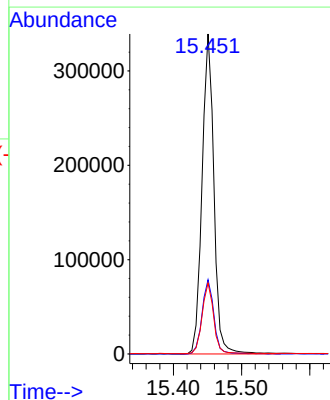
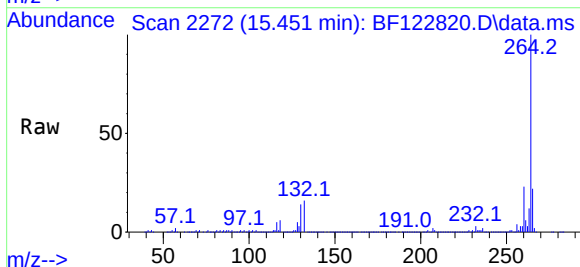
Manual Integrations
APPROVED

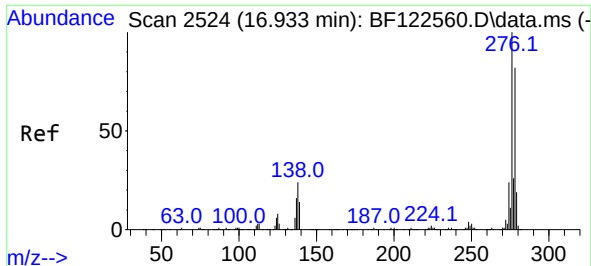
mohammad
12/23/2020 3:28:21 PM



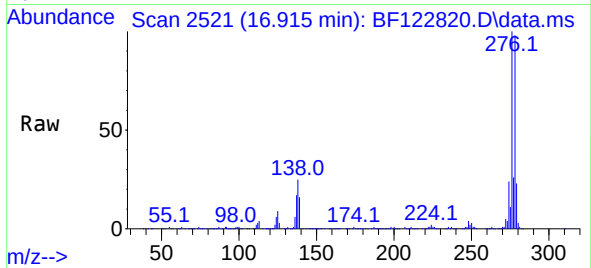
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:264 Resp: 409775
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 22.2 17.0 25.6

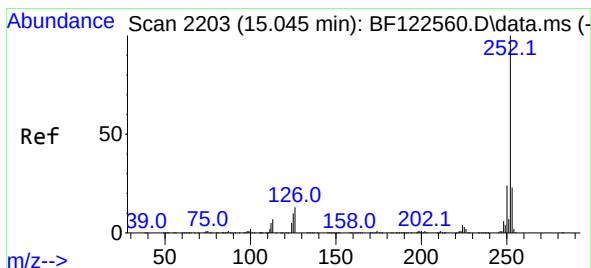
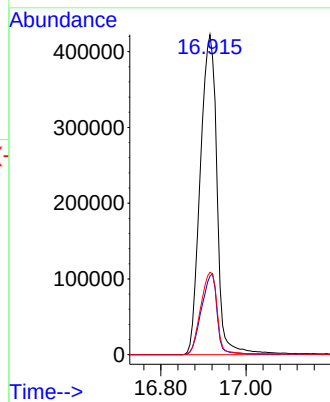
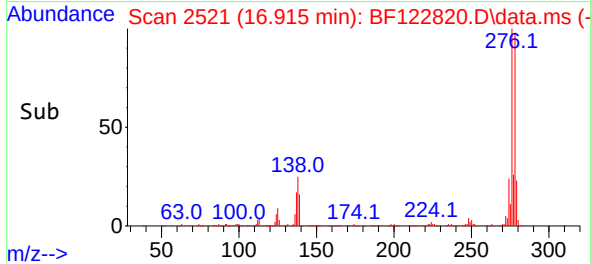




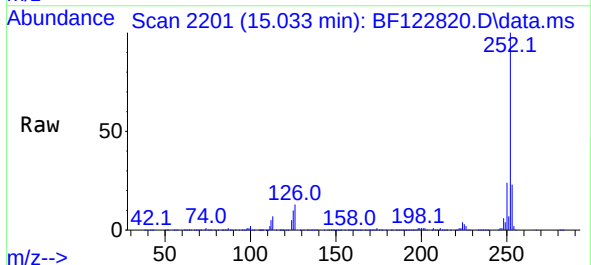
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.73 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.023 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



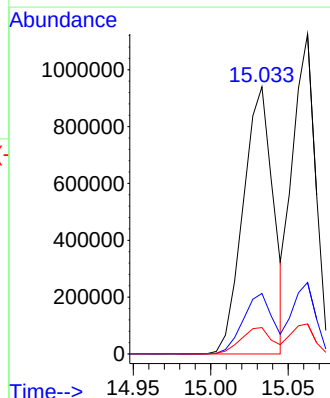
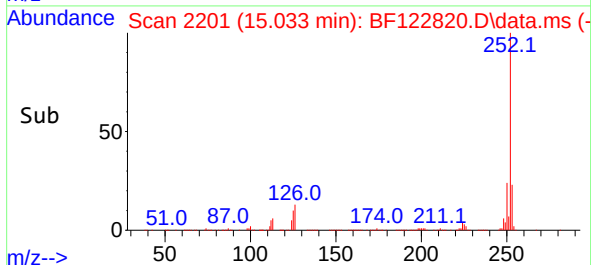
Tgt Ion: 276 Resp: 1149423
Ion Ratio Lower Upper
276 100
138 23.8 18.7 28.1
277 25.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 44.12 ng
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



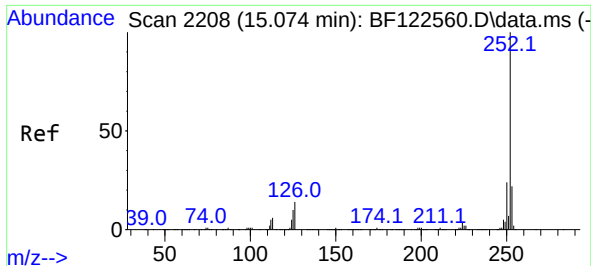
Tgt Ion: 252 Resp: 1268503
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 9.9 8.1 12.1



Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM



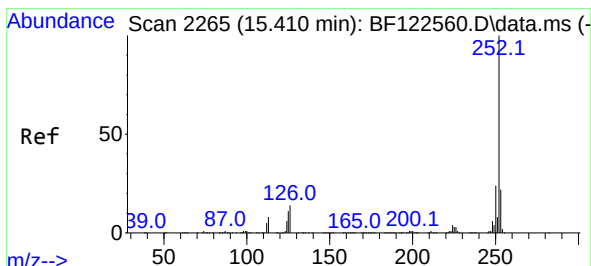
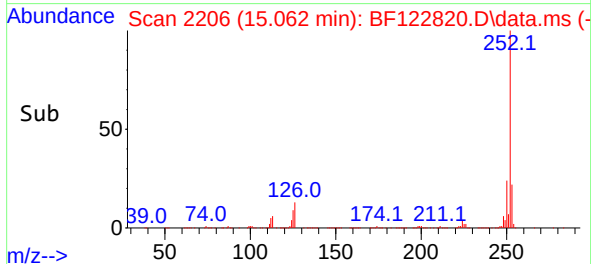
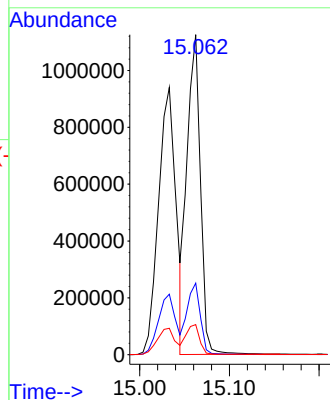
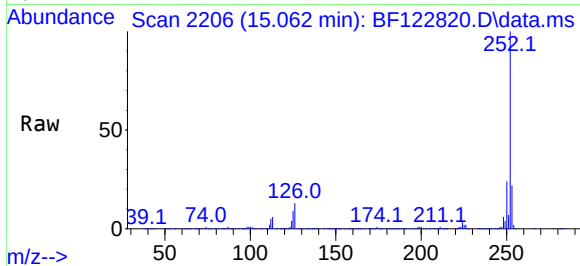
#89
Benzo(k)fluoranthene
Concen: 44.58 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:252 Resp: 1172031
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
PB133764BS

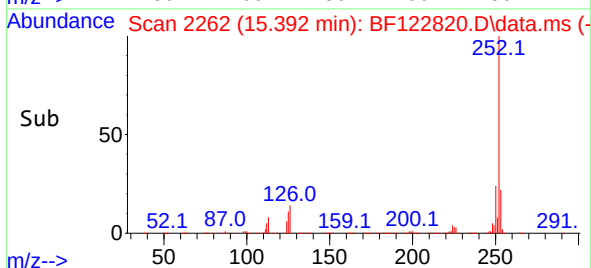
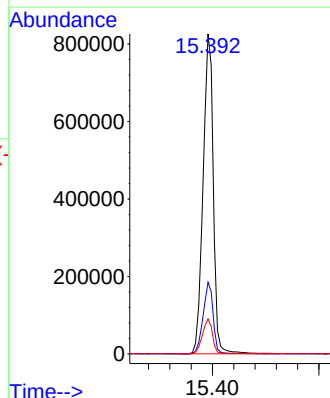
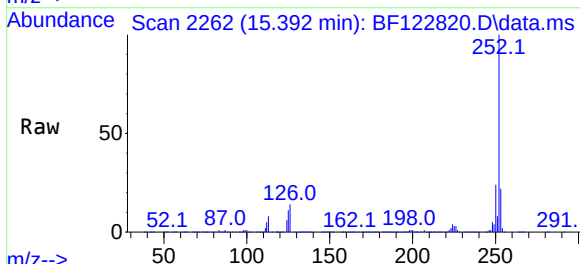
Manual Integrations
APPROVED

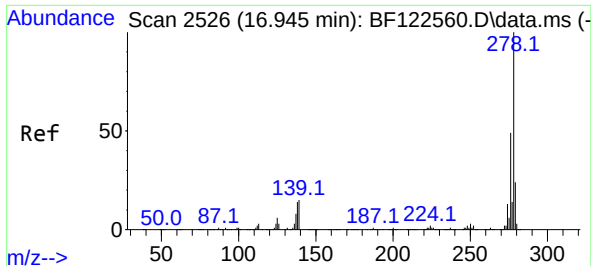
mohammad
12/23/2020 3:28:21 PM



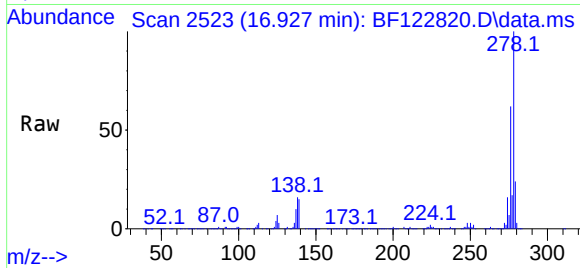
#90
Benzo(a)pyrene
Concen: 43.47 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25

Tgt Ion:252 Resp: 1093444
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.0 8.6 12.8

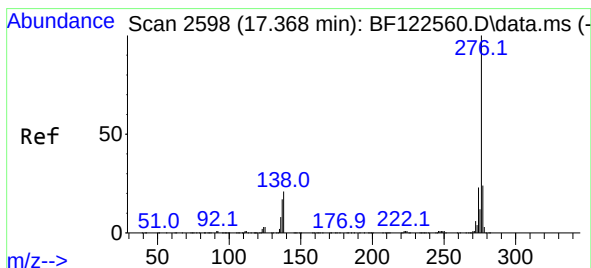
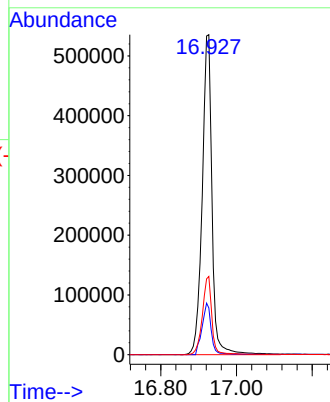
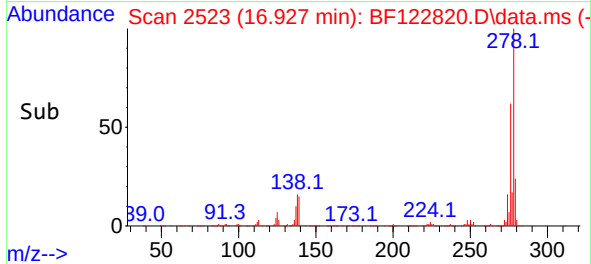




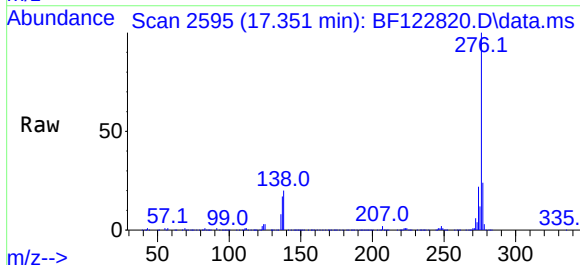
#91
Dibenzo(a,h)anthracene
Concen: 43.94 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.023 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



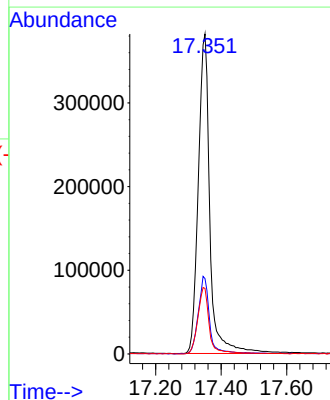
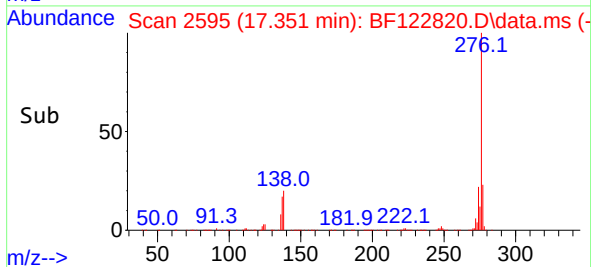
Tgt Ion:278 Resp: 967399
Ion Ratio Lower Upper
278 100
139 14.6 12.0 18.0
279 24.5 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.03 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.023 min
Lab File: BF122820.D
Acq: 22 Dec 2020 19:25



Tgt Ion:276 Resp: 938180
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 20.5 16.6 24.8



Instrument :
BNA_F
ClientSampleId :
PB133764BS

Manual Integrations
APPROVED

mohammad
12/23/2020 3:28:21 PM