

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122850.D
 Acq On : 24 Dec 2020 10:40
 Operator : JU/CG
 Sample : PB133772BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133772BS

Manual Integrations
 APPROVED

mohammad
 12/28/2020 11:07:20 PM

Quant Time: Dec 24 11:12:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	158522	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	606423	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	321234	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	591185	20.00	ng	0.00
76) Chrysene-d12	13.992	240	489202	20.00	ng	0.00
86) Perylene-d12	15.445	264	412169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1101884	110.04	ng	0.02
7) Phenol-d6	6.463	99	1378695	103.82	ng	0.00
23) Nitrobenzene-d5	7.387	82	823929	68.07	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	465487	110.70	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1598317	67.30	ng	0.00
79) Terphenyl-d14	12.933	244	1818448	65.07	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	186253	39.57	ng	99
3) Pyridine	3.428	79	481596	38.71	ng	99
4) n-Nitrosodimethylamine	3.387	42	199406	39.97	ng	95
6) Aniline	6.487	93	477680	30.56	ng	96
8) 2-Chlorophenol	6.610	128	473848	42.93	ng	98
9) Benzaldehyde	6.369	77	44326	5.51	ng	95
10) Phenol	6.475	94	544449	39.57	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	446739	42.50	ng	100
12) 1,3-Dichlorobenzene	6.763	146	539903	41.34	ng	100
13) 1,4-Dichlorobenzene	6.840	146	547921	41.61	ng	99
14) 1,2-Dichlorobenzene	6.992	146	504875	39.72	ng	100
15) Benzyl Alcohol	6.969	79	378603	41.40	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	575497	38.39	ng	95
17) 2-Methylphenol	7.081	107	397900	45.35	ng	98
18) Hexachloroethane	7.328	117	196899	41.96	ng	95
19) n-Nitroso-di-n-propyla...	7.240	70	322616	42.41	ng	99
20) 3+4-Methylphenols	7.234	107	453852	40.95	ng	95
22) Acetophenone	7.234	105	625221	41.46	ng	# 96
24) Nitrobenzene	7.404	77	506780	42.09	ng	98
25) Isophorone	7.645	82	910725	43.69	ng	99
26) 2-Nitrophenol	7.722	139	264029	44.96	ng	96
27) 2,4-Dimethylphenol	7.763	122	428429	49.77	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	595063	41.68	ng	100
29) 2,4-Dichlorophenol	7.969	162	409667	40.76	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	461481	40.52	ng	100
31) Naphthalene	8.128	128	1402492	41.91	ng	100
32) Benzoic acid	7.910	122	288938	42.13	ng	97
33) 4-Chloroaniline	8.175	127	353324	25.26	ng	100
34) Hexachlorobutadiene	8.245	225	278367	39.71	ng	99
35) Caprolactam	8.563	113	128550m	42.46	ng	
36) 4-Chloro-3-methylphenol	8.669	107	434872	43.92	ng	100
37) 2-Methylnaphthalene	8.816	142	937470	42.35	ng	99
38) 1-Methylnaphthalene	8.916	142	873408	41.71	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	429369	40.35	ng	100
41) Hexachlorocyclopentadiene	8.975	237	366060	77.81	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	293985	40.01	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122850.D
 Acq On : 24 Dec 2020 10:40
 Operator : JU/CG
 Sample : PB133772BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133772BS

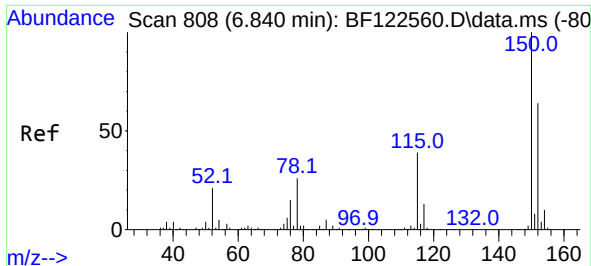
Manual Integrations
 APPROVED

mohammad
 12/28/2020 11:07:20 PM

Quant Time: Dec 24 11:12:03 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	317362	41.78	ng	97
46) 1,1'-Biphenyl	9.281	154	1143131	42.88	ng	99
47) 2-Chloronaphthalene	9.310	162	892525	40.41	ng	99
48) 2-Nitroaniline	9.410	65	258346	40.12	ng	97
49) Acenaphthylene	9.722	152	1361353	41.73	ng	100
50) Dimethylphthalate	9.586	163	1094458	42.66	ng	99
51) 2,6-Dinitrotoluene	9.651	165	243040	44.86	ng	96
52) Acenaphthene	9.898	154	967459m	45.83	ng	
53) 3-Nitroaniline	9.822	138	166249	26.55	ng	96
54) 2,4-Dinitrophenol	9.933	184	244417	92.26	ng	95
55) Dibenzofuran	10.069	168	1214718	40.91	ng	99
56) 4-Nitrophenol	9.992	139	337132	75.52	ng	91
57) 2,4-Dinitrotoluene	10.057	165	309775	42.92	ng	99
58) Fluorene	10.410	166	958102	40.57	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	270266	40.50	ng	99
60) Diethylphthalate	10.286	149	1045693	41.91	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	466397	40.11	ng	99
62) 4-Nitroaniline	10.439	138	244309	38.44	ng	97
63) Azobenzene	10.563	77	952420	41.52	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	176842	49.06	ng	97
66) n-Nitrosodiphenylamine	10.522	169	888385	42.53	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	314310	39.23	ng	92
68) Hexachlorobenzene	10.963	284	344396	38.89	ng	96
69) Atrazine	11.051	200	242073	35.68	ng	99
70) Pentachlorophenol	11.157	266	369314	78.71	ng	98
71) Phenanthrene	11.375	178	1420550	40.43	ng	99
72) Anthracene	11.427	178	1489415	42.75	ng	99
73) Carbazole	11.580	167	1284734	40.66	ng	100
74) Di-n-butylphthalate	11.904	149	1622175	40.86	ng	100
75) Fluoranthene	12.563	202	1509419	40.97	ng	99
77) Benzidine	12.680	184	553393	52.30	ng	98
78) Pyrene	12.792	202	1540703	40.73	ng	100
80) Butylbenzylphthalate	13.404	149	690370	40.52	ng	99
81) Benzo(a)anthracene	13.980	228	1358209	41.54	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	431812	36.88	ng	96
83) Chrysene	14.021	228	1354396	41.63	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	963058	41.28	ng	100
85) Di-n-octyl phthalate	14.574	149	1607472	41.54	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1325984	49.01	ng	100
88) Benzo(b)fluoranthene	15.027	252	1319949	45.64	ng	99
89) Benzo(k)fluoranthene	15.057	252	1352715	51.16	ng	100
90) Benzo(a)pyrene	15.392	252	1143700	45.21	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1114268	50.32	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1064563	49.67	ng	99

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



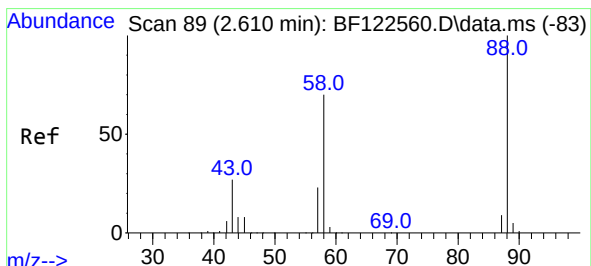
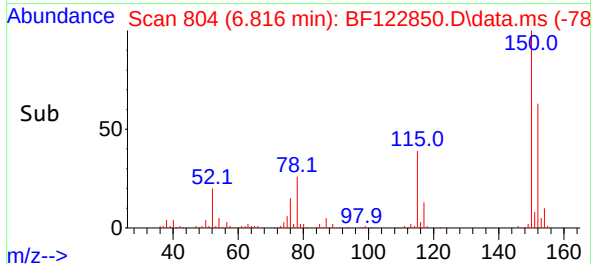
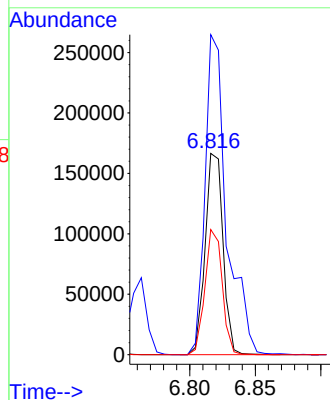
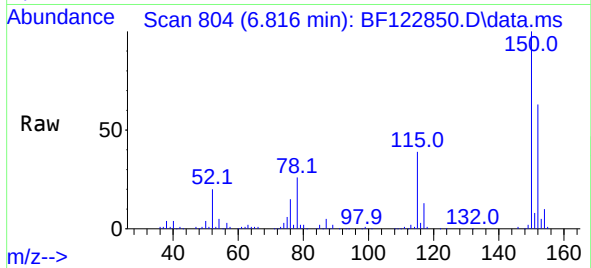
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:152 Resp: 158522
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 62.1 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
PB133772BS

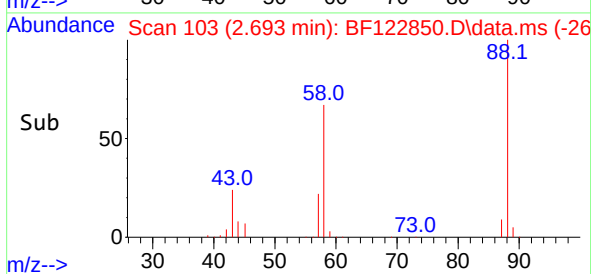
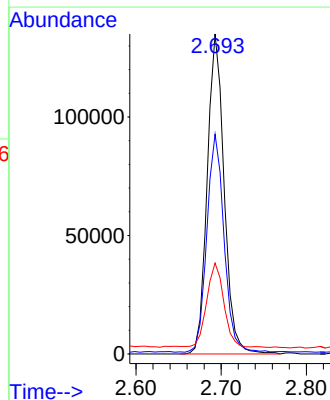
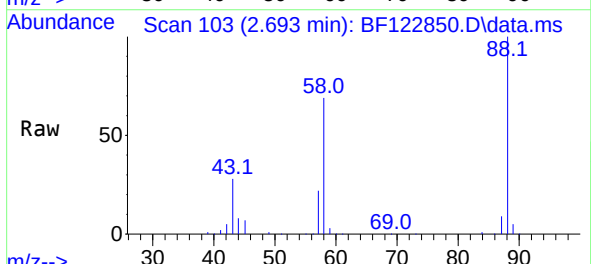
Manual Integrations
APPROVED

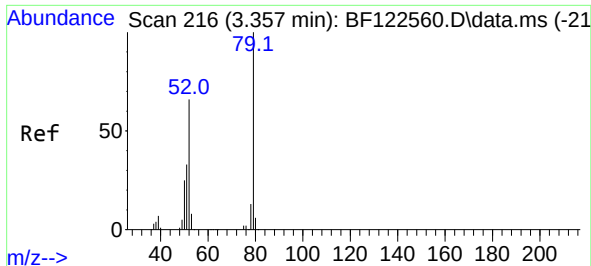
mohammad
12/28/2020 11:07:20 PM



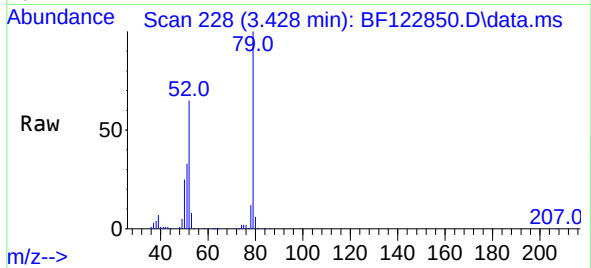
#2
1,4-Dioxane
Concen: 39.57 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.153 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 88 Resp: 186253
Ion Ratio Lower Upper
88 100
58 69.3 56.2 84.2
43 26.1 21.8 32.6

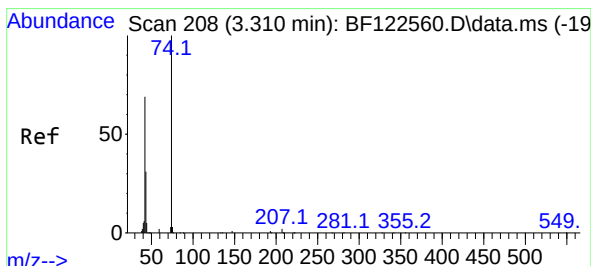
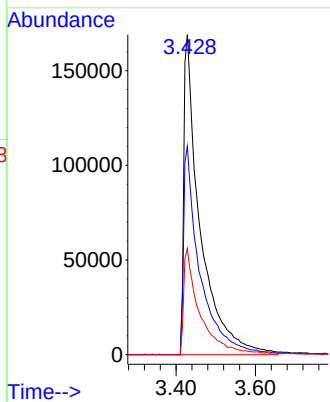
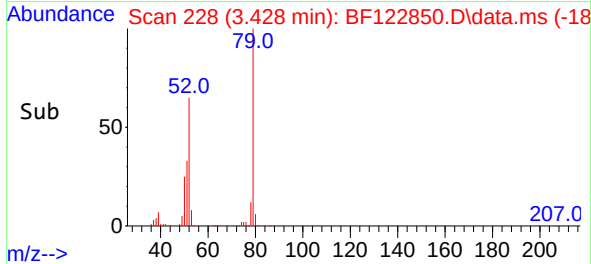




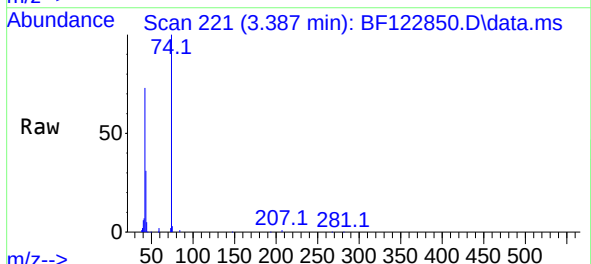
#3
Pyridine
Concen: 38.71 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.141 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



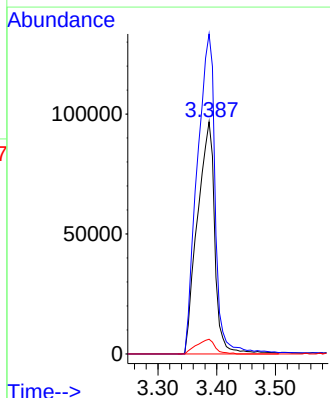
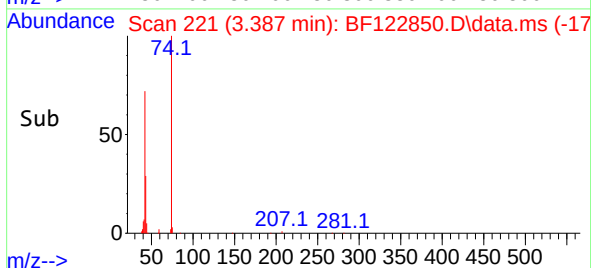
Tgt Ion: 79 Resp: 481596
Ion Ratio Lower Upper
79 100
52 65.1 53.0 79.4
51 33.1 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 39.97 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.147 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



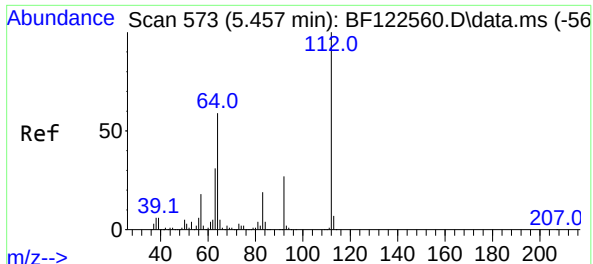
Tgt Ion: 42 Resp: 199406
Ion Ratio Lower Upper
42 100
74 137.9 115.2 172.8
44 6.3 5.4 8.0



Instrument :
BNA_F
ClientSampleId :
PB133772BS

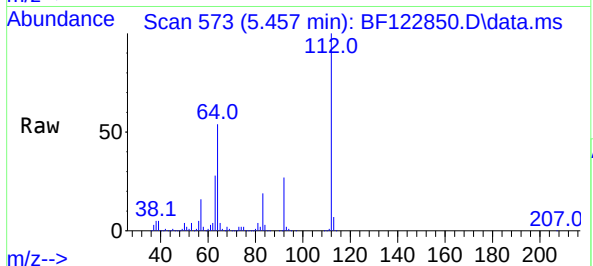
Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



#5
2-Fluorophenol
Concen: 110.04 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.023 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

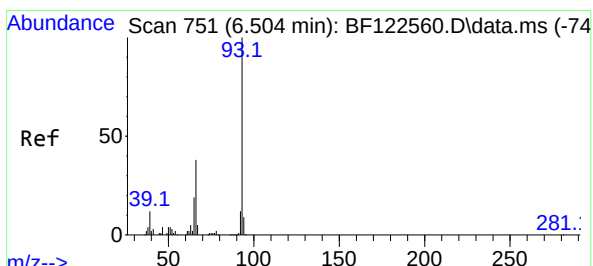
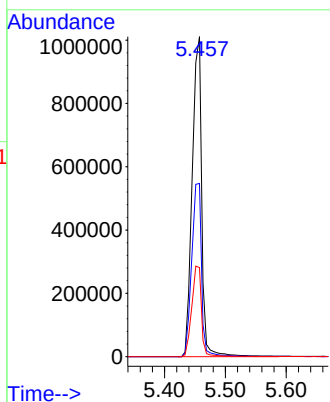
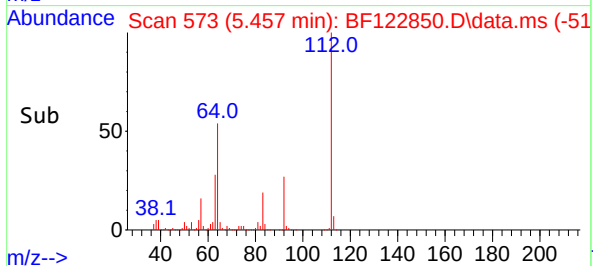
Instrument :
BNA_F
ClientSampleId :
PB133772BS



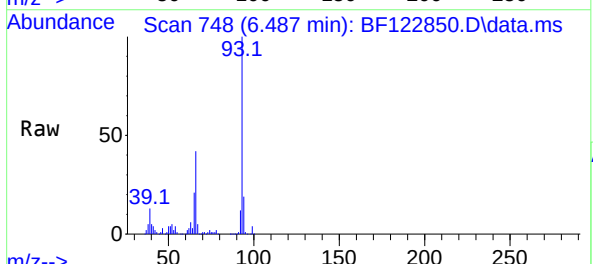
Tgt Ion:112 Resp: 1101884
Ion Ratio Lower Upper
112 100
64 54.1 46.9 70.3
63 27.9 24.5 36.7

Manual Integrations
APPROVED

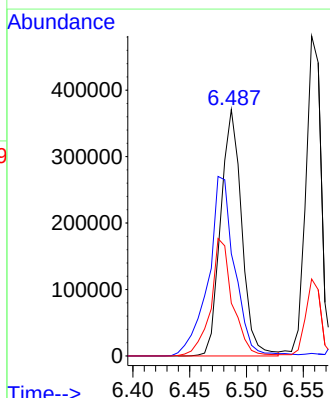
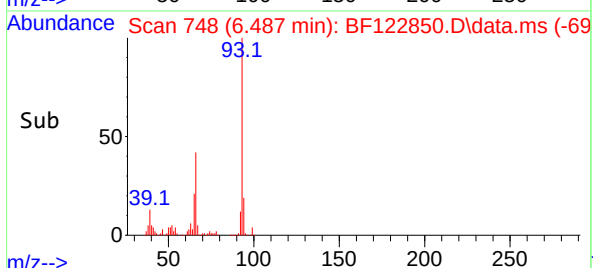
mohammad
12/28/2020 11:07:20 PM

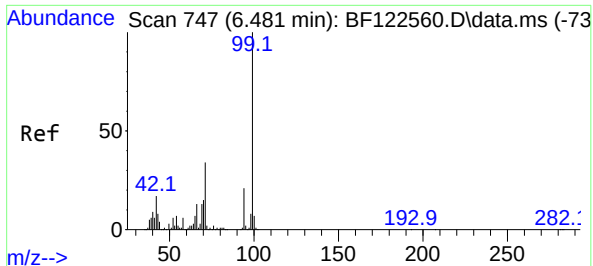


#6
Aniline
Concen: 30.56 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



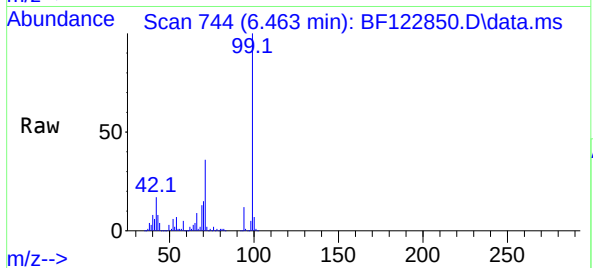
Tgt Ion: 93 Resp: 477680
Ion Ratio Lower Upper
93 100
66 41.5 31.3 46.9
65 21.4 15.6 23.4





#7
Phenol-d6
Concen: 103.82 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Instrument :
BNA_F
ClientSampleId :
PB133772BS

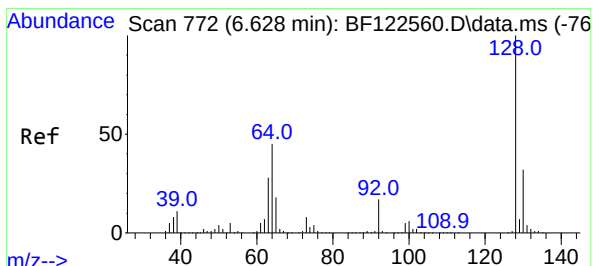
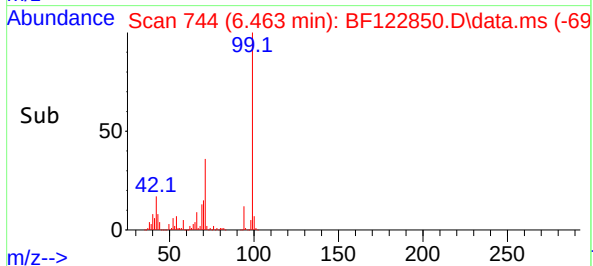
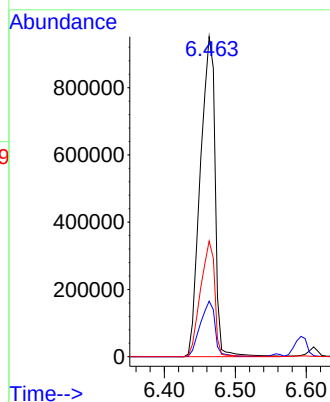


Tgt Ion: 99 Resp: 1378695

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	36.2	26.9	40.3

Manual Integrations
APPROVED

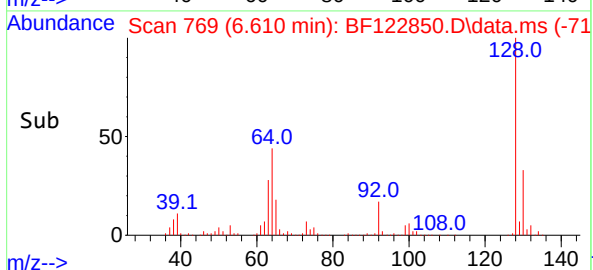
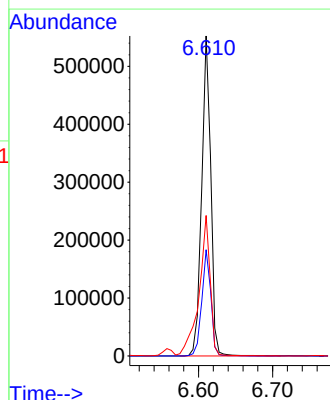
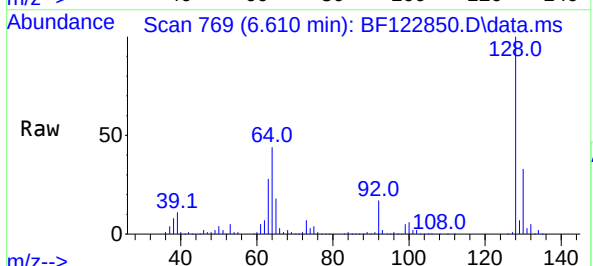
mohammad
12/28/2020 11:07:20 PM

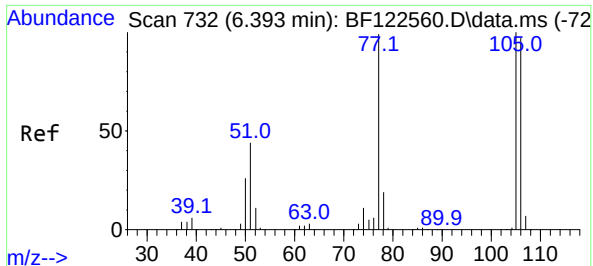


#8
2-Chlorophenol
Concen: 42.93 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 128 Resp: 473848

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	43.9	25.5	65.5





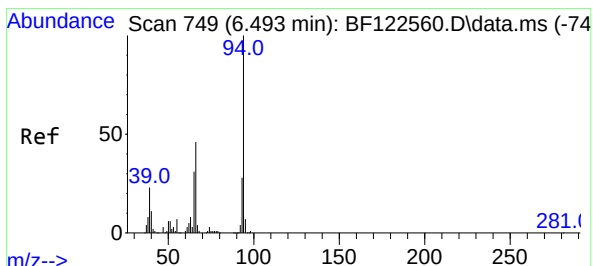
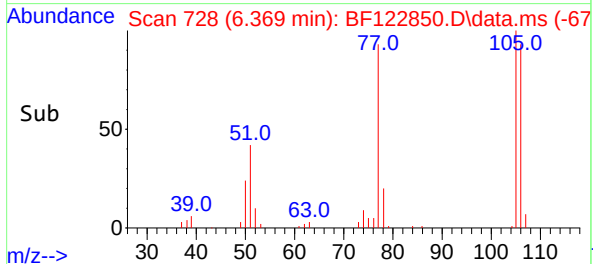
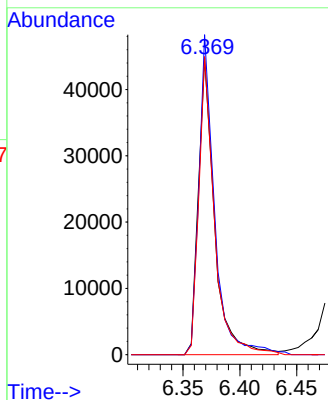
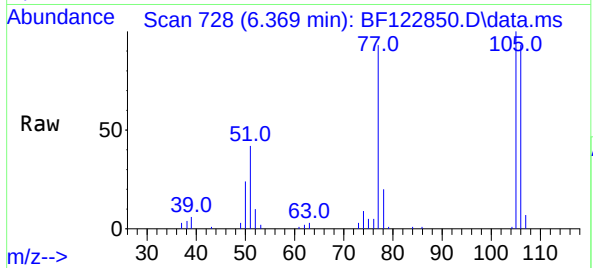
#9
Benzaldehyde
Concen: 5.51 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:	77	Resp:	44326
Ion	Ratio	Lower	Upper
77	100		
105	107.8	80.6	120.6
106	100.5	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
PB133772BS

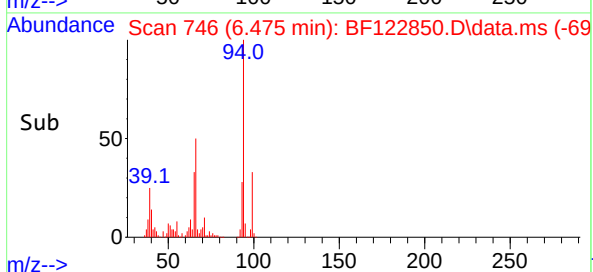
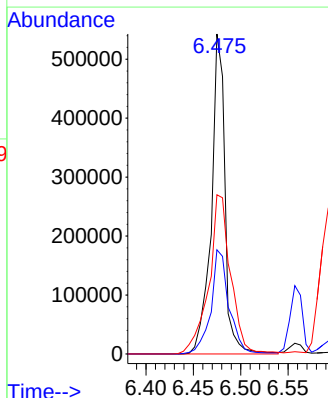
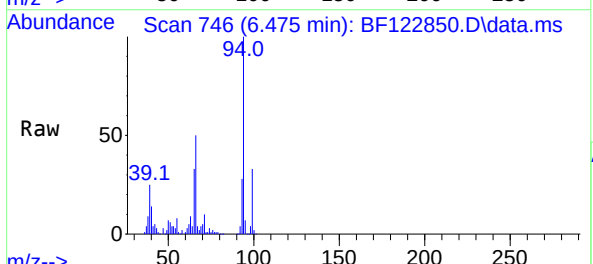
Manual Integrations
APPROVED

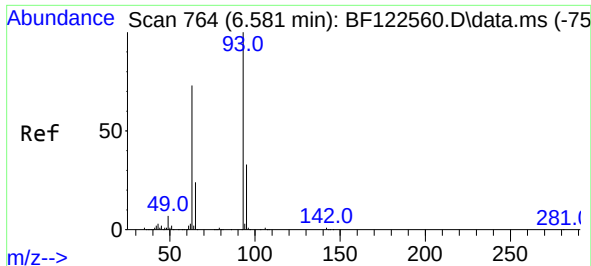
mohammad
12/28/2020 11:07:20 PM



#10
Phenol
Concen: 39.57 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:	94	Resp:	544449
Ion	Ratio	Lower	Upper
94	100		
65	32.6	11.2	51.2
66	49.8	25.8	65.8





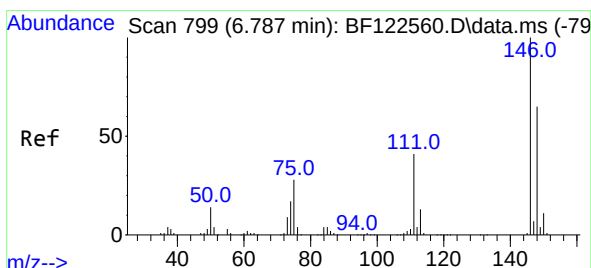
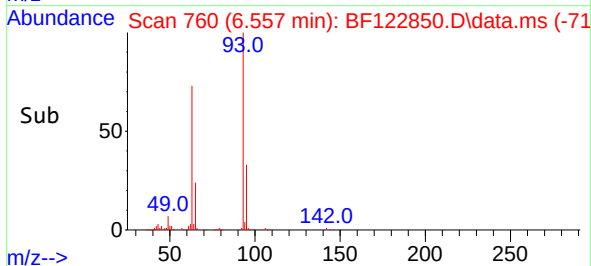
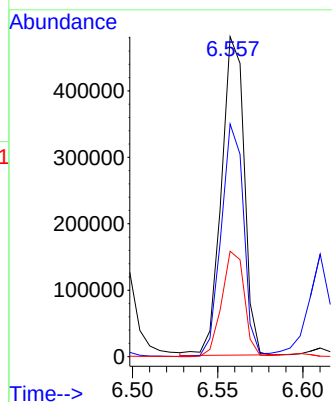
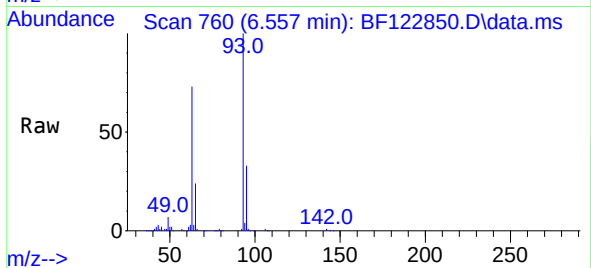
#11
bis(2-Chloroethyl)ether
Concen: 42.50 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 93 Resp: 446739
Ion Ratio Lower Upper
93 100
63 72.7 52.6 92.6
95 32.9 12.6 52.6

Instrument :
BNA_F
ClientSampleId :
PB133772BS

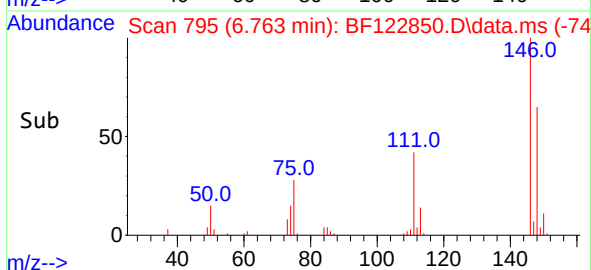
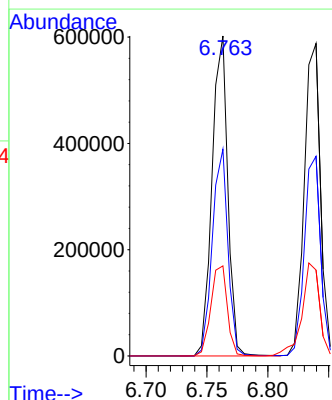
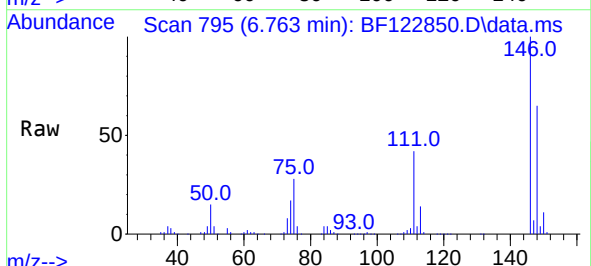
Manual Integrations
APPROVED

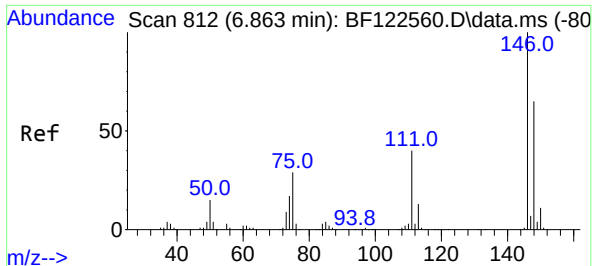
mohammad
12/28/2020 11:07:20 PM



#12
1,3-Dichlorobenzene
Concen: 41.34 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 146 Resp: 539903
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 28.1 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 41.61 ng

RT: 6.840 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF122850.D

Acq: 24 Dec 2020 10:40

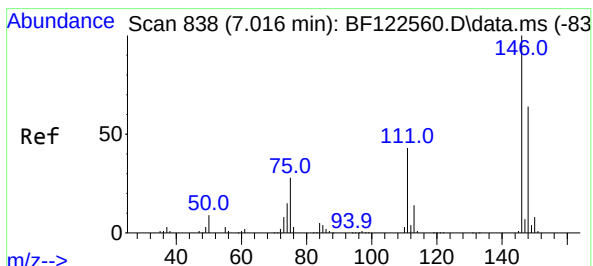
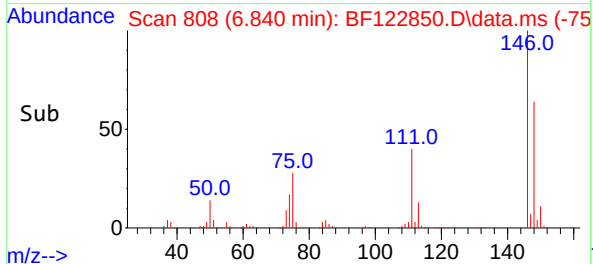
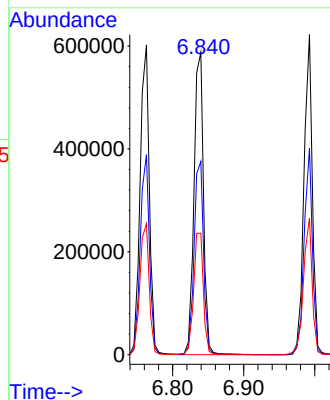
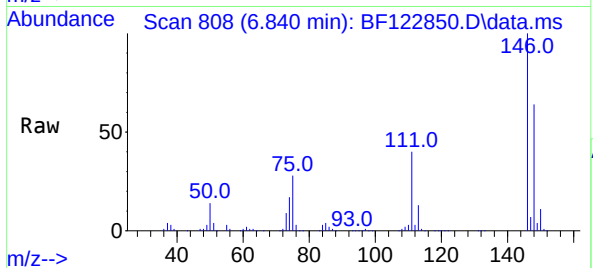
Tgt Ion:146 Resp: 547921

Ion Ratio Lower Upper

146 100

148 63.9 52.0 78.0

111 40.2 32.3 48.5



#14

1,2-Dichlorobenzene

Concen: 39.72 ng

RT: 6.992 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF122850.D

Acq: 24 Dec 2020 10:40

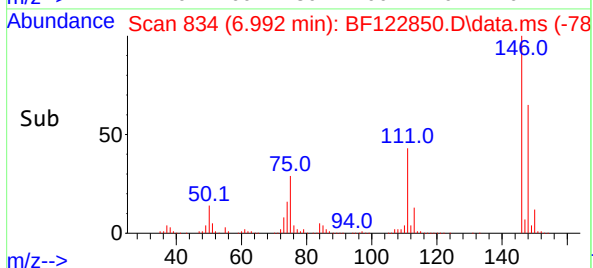
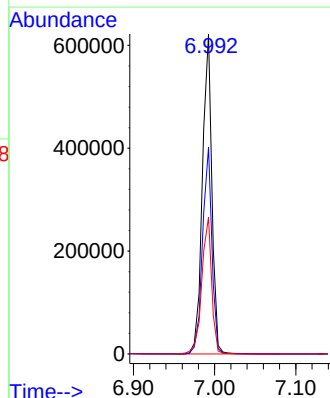
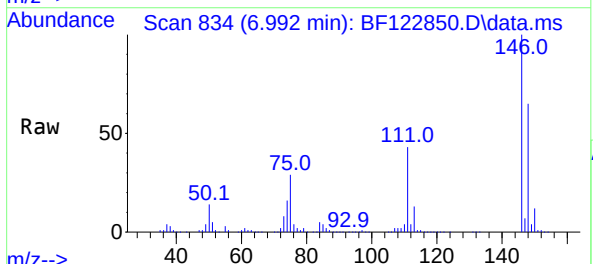
Tgt Ion:146 Resp: 504875

Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

111 42.7 34.2 51.2



Instrument :

BNA_F

ClientSampleId :

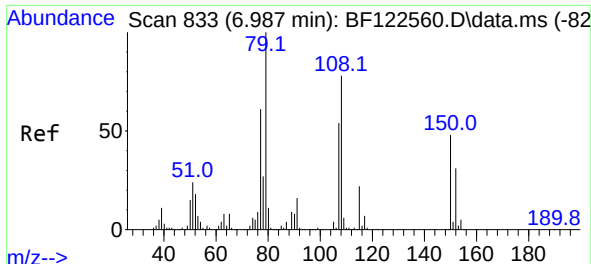
PB133772BS

Manual Integrations

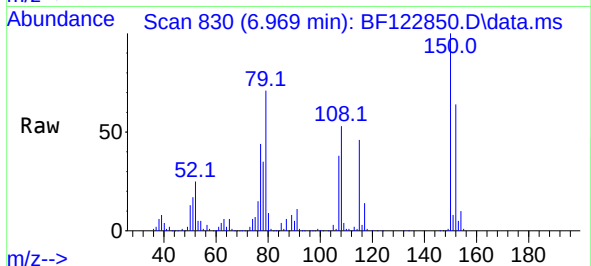
APPROVED

mohammad

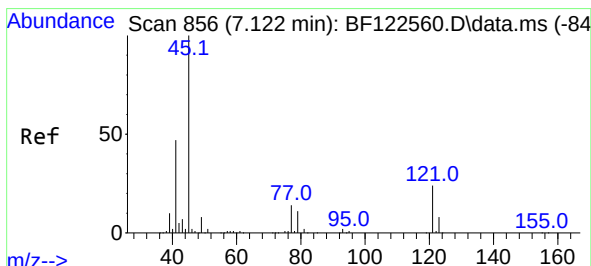
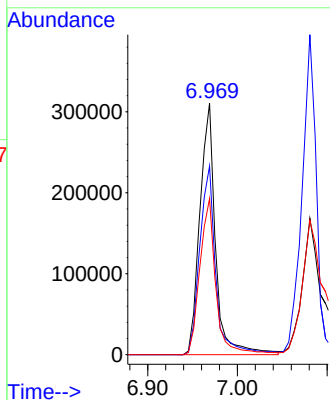
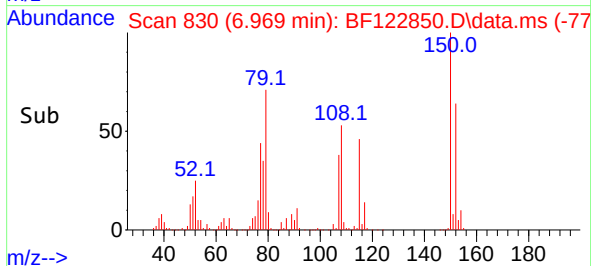
12/28/2020 11:07:20 PM



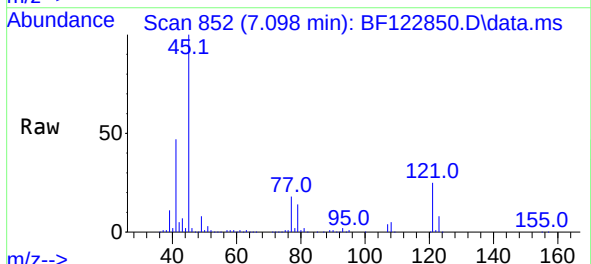
#15
Benzyl Alcohol
Concen: 41.40 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



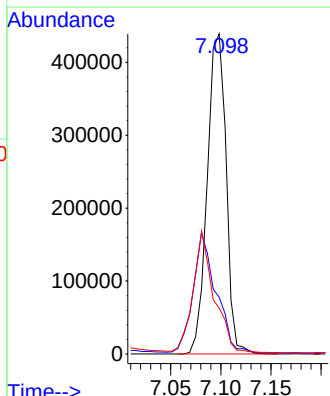
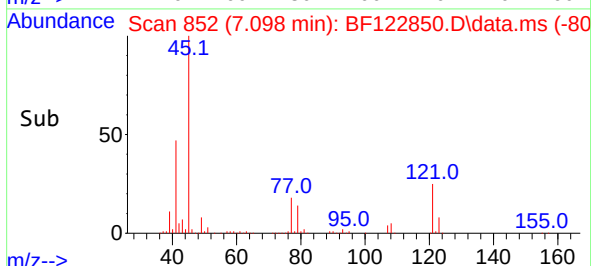
Tgt Ion: 79 Resp: 378603
Ion Ratio Lower Upper
79 100
108 75.0 62.4 93.6
77 62.0 49.0 73.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.39 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



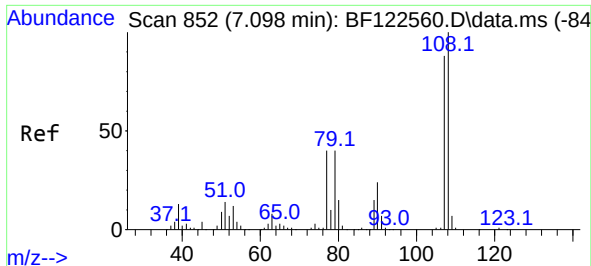
Tgt Ion: 45 Resp: 575497
Ion Ratio Lower Upper
45 100
77 17.7 0.0 35.6
79 14.4 0.0 32.4



Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



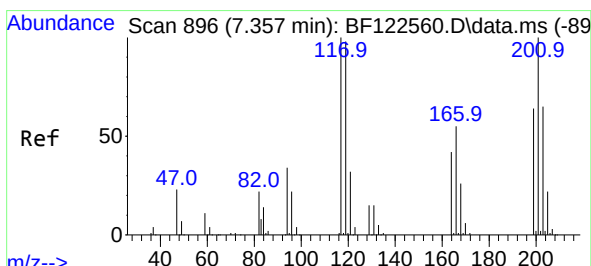
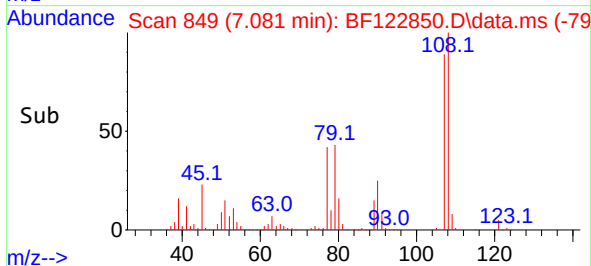
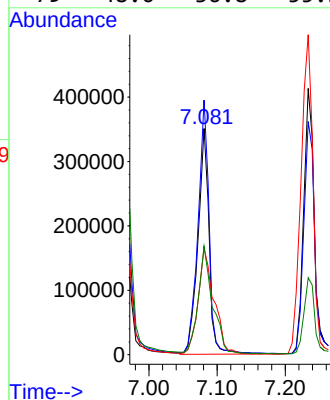
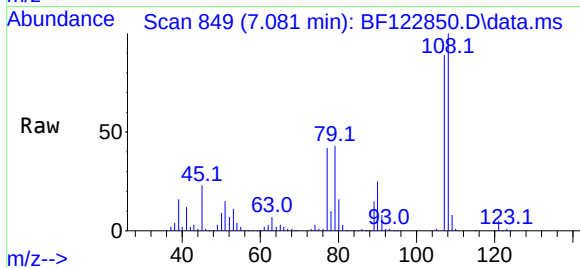
#17
2-Methylphenol
Concen: 45.35 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:	107	Resp:	397900
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	47.3	36.3	54.5
79	48.0	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
PB133772BS

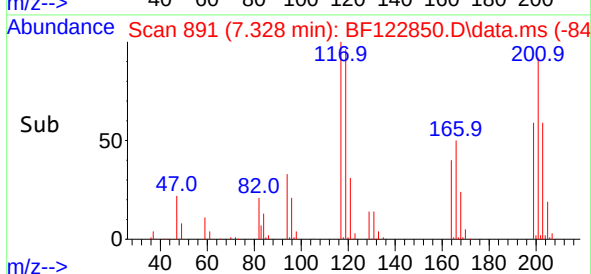
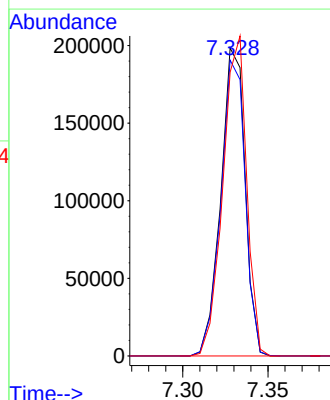
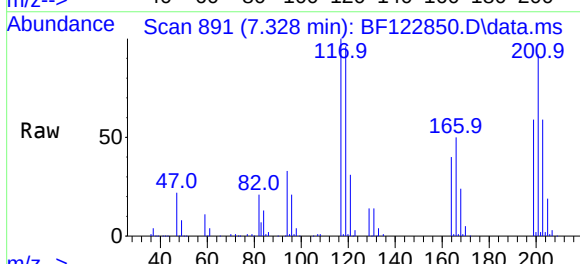
Manual Integrations
APPROVED

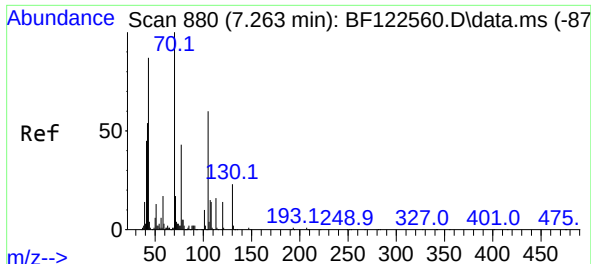
mohammad
12/28/2020 11:07:20 PM



#18
Hexachloroethane
Concen: 41.96 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

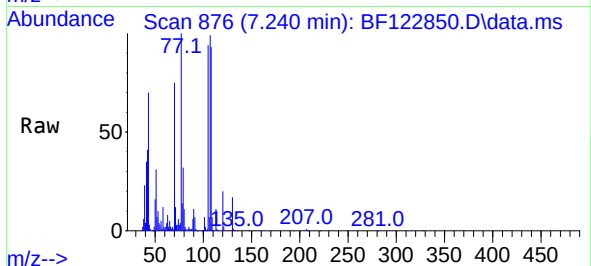
Tgt Ion:	117	Resp:	196899
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.4	117.6
201	92.1	79.6	119.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.41 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

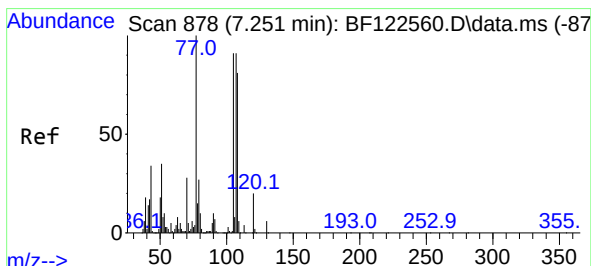
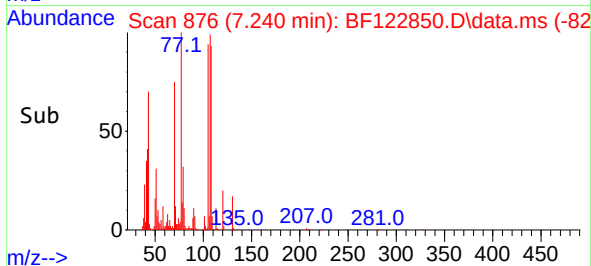
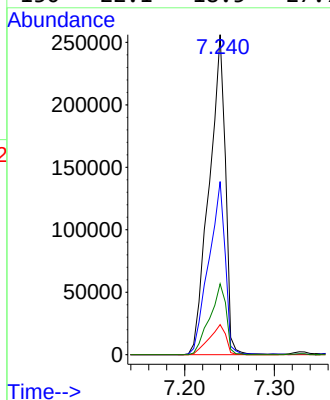
Instrument :
BNA_F
ClientSampleId :
PB133772BS



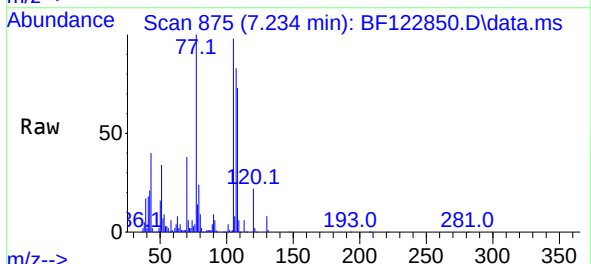
Tgt Ion: 70 Resp: 322616
Ion Ratio Lower Upper
70 100
42 54.1 43.0 64.4
101 9.4 7.9 11.9
130 22.1 18.5 27.7

Manual Integrations
APPROVED

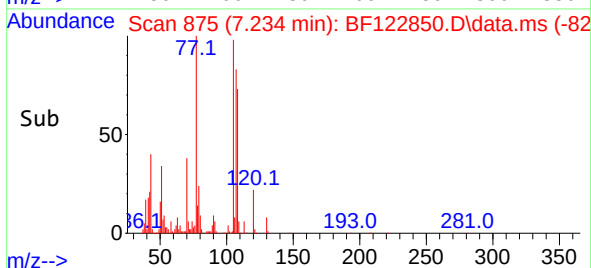
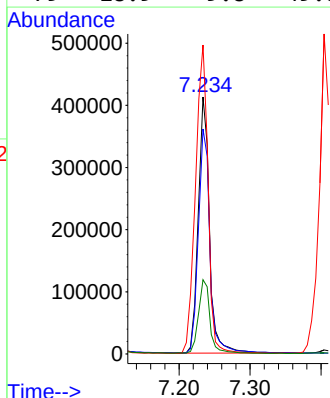
mohammad
12/28/2020 11:07:20 PM

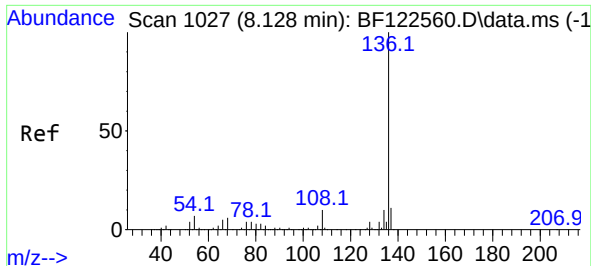


#20
3+4-Methylphenols
Concen: 40.95 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



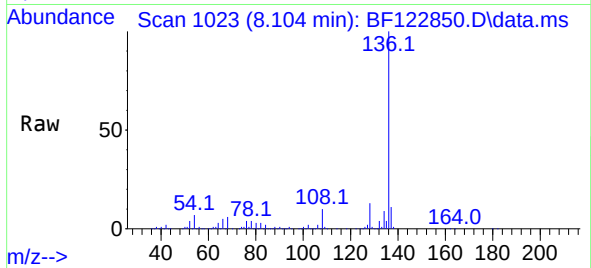
Tgt Ion: 107 Resp: 453852
Ion Ratio Lower Upper
107 100
108 87.5 68.7 108.7
77 120.2 89.8 129.8
79 28.9 9.8 49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

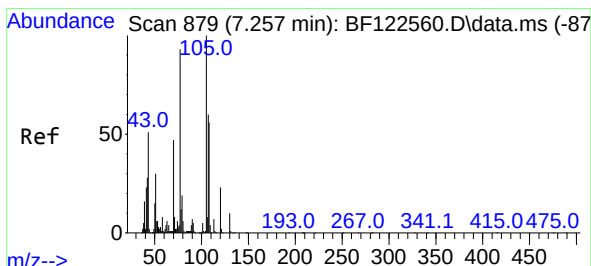
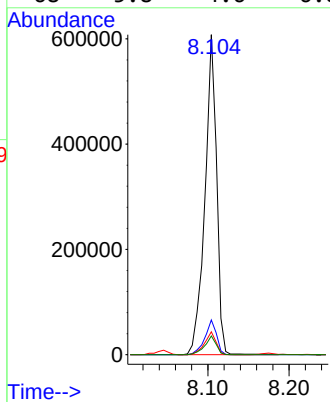
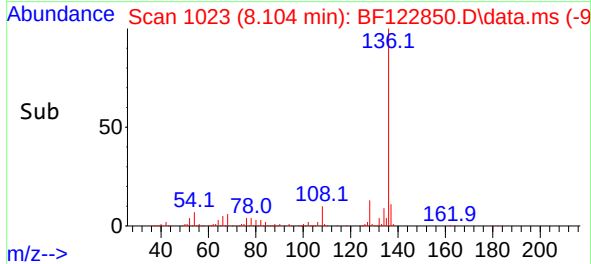
Instrument :
BNA_F
ClientSampleId :
PB133772BS



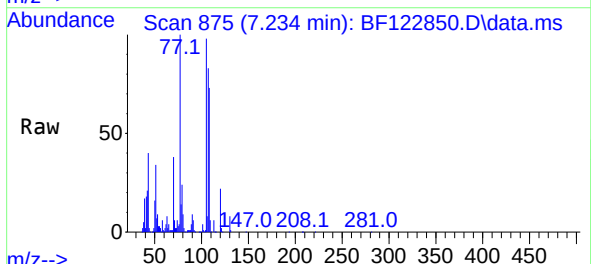
Tgt Ion:136 Resp: 606423
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 5.5 8.3
68 5.8 4.6 6.8

Manual Integrations
APPROVED

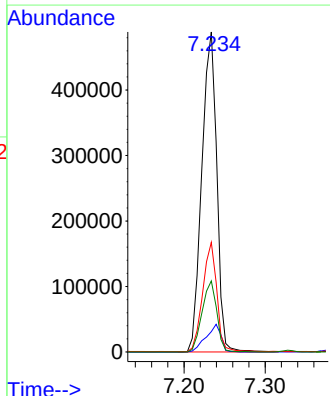
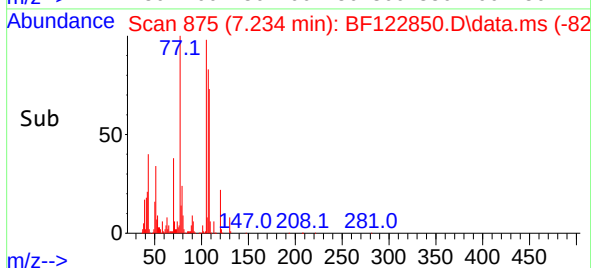
mohammad
12/28/2020 11:07:20 PM

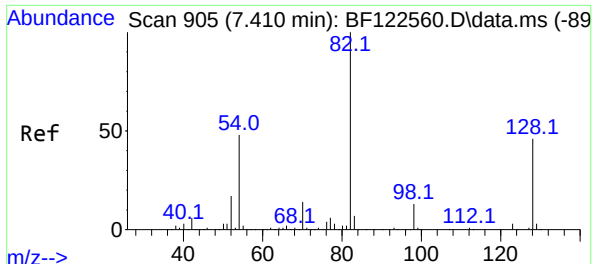


#22
Acetophenone
Concen: 41.46 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion:105 Resp: 625221
Ion Ratio Lower Upper
105 100
71 6.4 6.5 9.7#
51 34.2 24.3 36.5
120 22.2 18.1 27.1





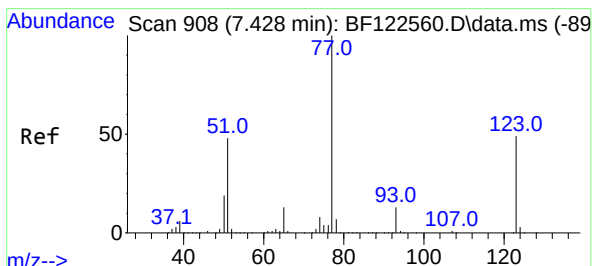
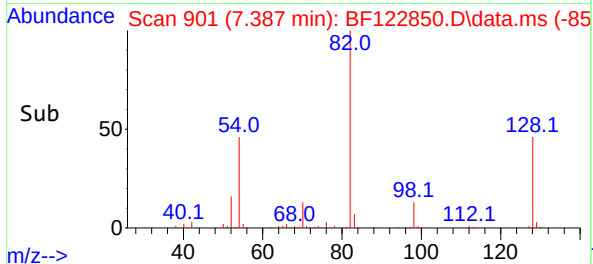
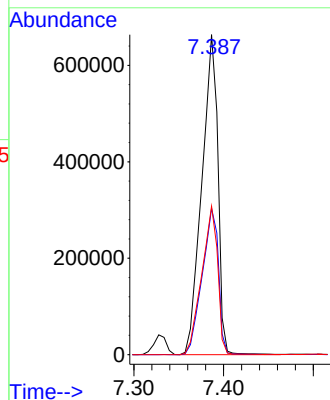
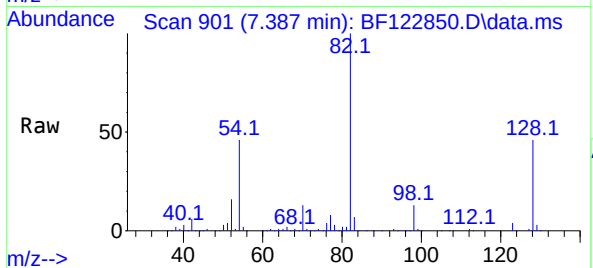
#23
Nitrobenzene-d5
Concen: 68.07 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 82 Resp: 823929
Ion Ratio Lower Upper
82 100
128 45.7 37.0 55.4
54 46.4 38.4 57.6

Instrument :
BNA_F
ClientSampled :
PB133772BS

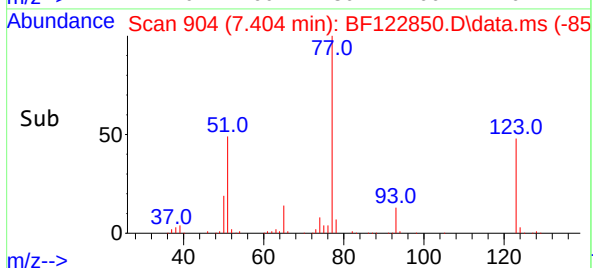
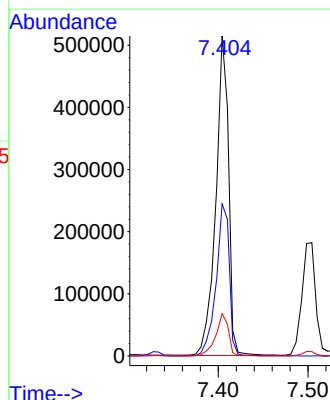
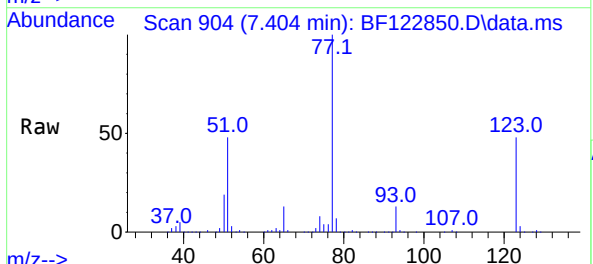
Manual Integrations
APPROVED

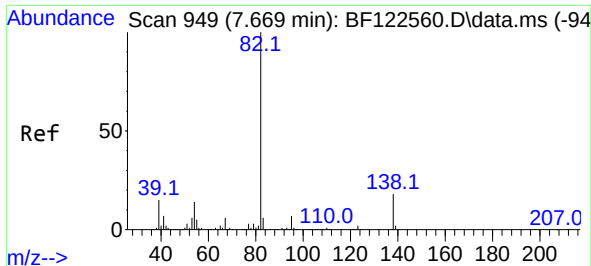
mohammad
12/28/2020 11:07:20 PM



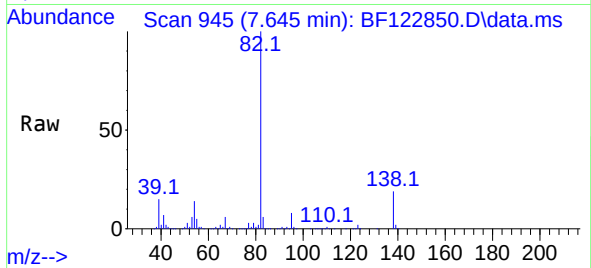
#24
Nitrobenzene
Concen: 42.09 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 77 Resp: 506780
Ion Ratio Lower Upper
77 100
123 47.5 39.3 58.9
65 13.2 10.6 15.8

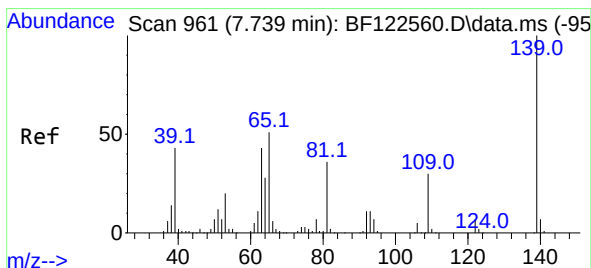
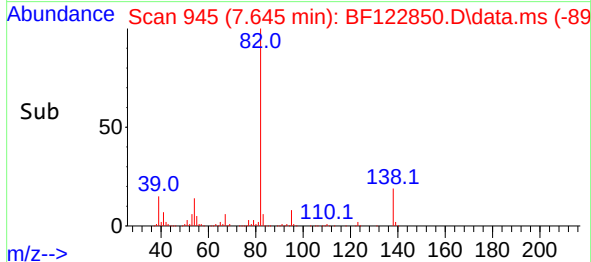
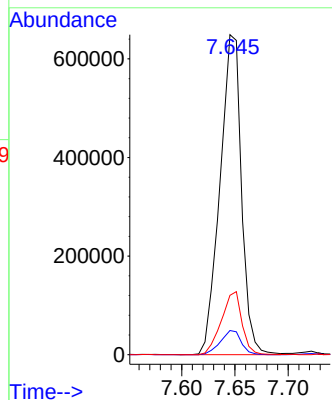




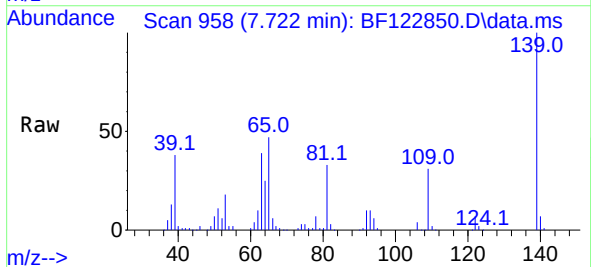
#25
Isophorone
Concen: 43.69 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



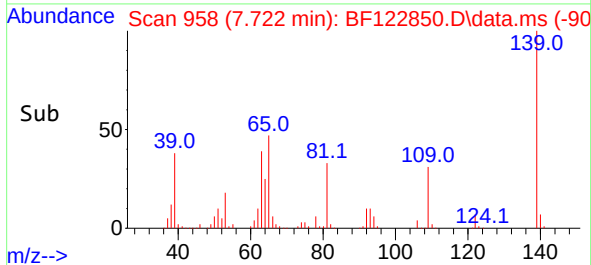
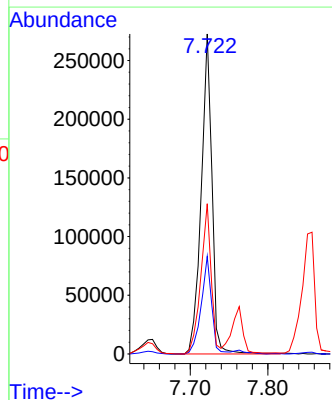
Tgt Ion: 82 Resp: 910725
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 18.6 14.6 21.8



#26
2-Nitrophenol
Concen: 44.96 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



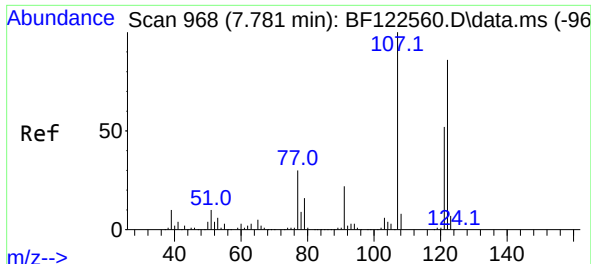
Tgt Ion: 139 Resp: 264029
Ion Ratio Lower Upper
139 100
109 30.5 24.0 36.0
65 47.0 40.9 61.3



Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



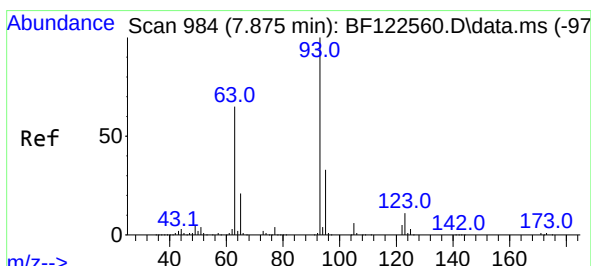
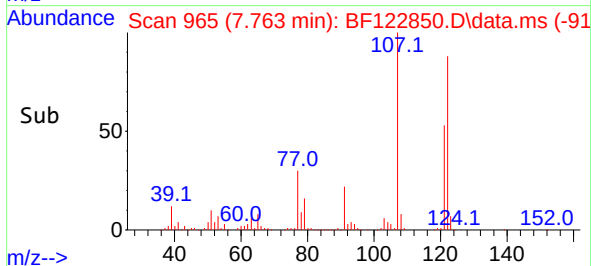
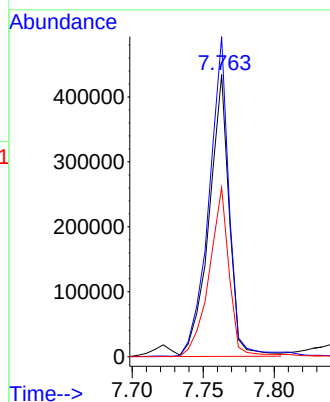
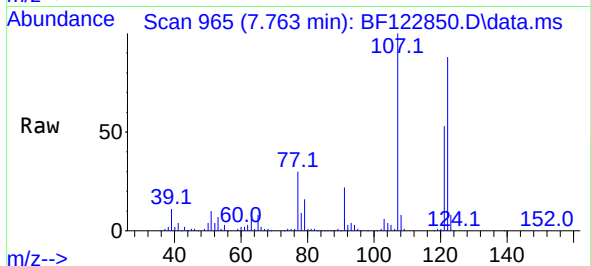
#27
2,4-Dimethylphenol
Concen: 49.77 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:122 Resp: 428429
Ion Ratio Lower Upper
122 100
107 113.4 91.8 137.8
121 59.9 47.3 70.9

Instrument :
BNA_F
ClientSampleId :
PB133772BS

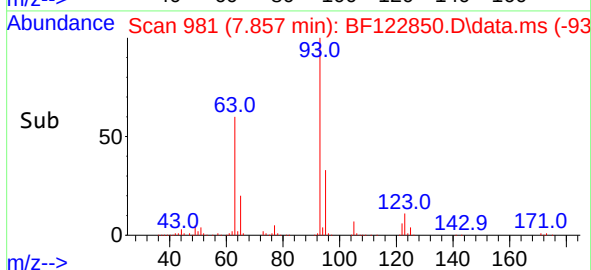
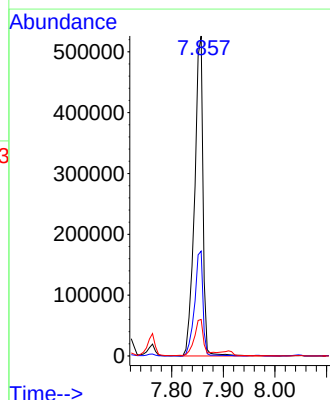
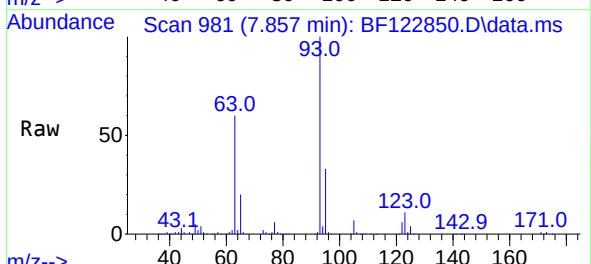
Manual Integrations
APPROVED

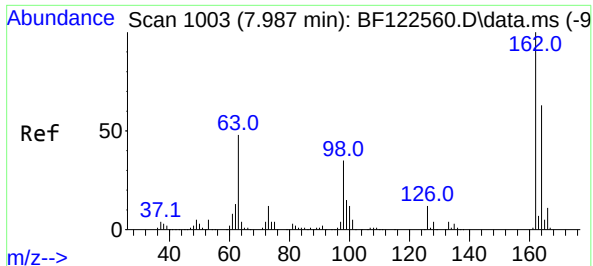
mohammad
12/28/2020 11:07:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.68 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 93 Resp: 595063
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.4 9.2 13.8





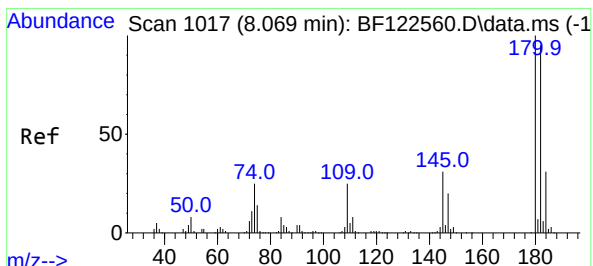
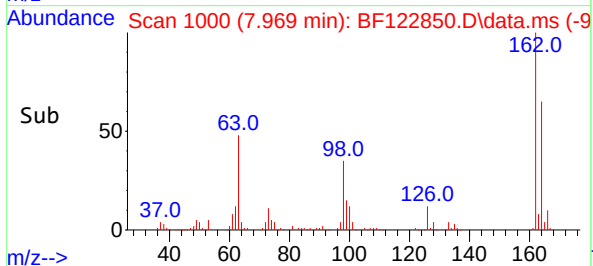
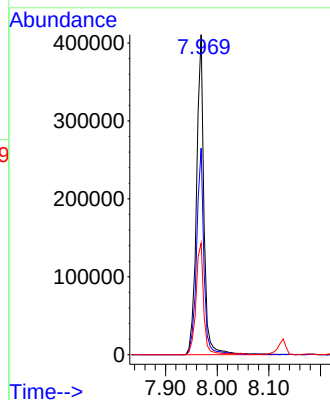
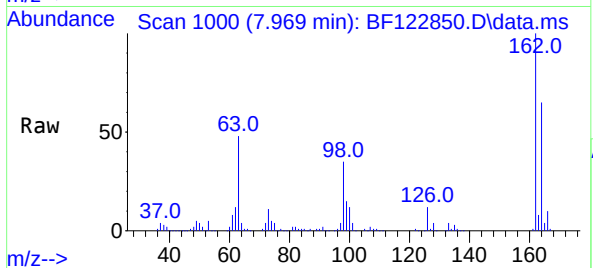
#29
2,4-Dichlorophenol
Concen: 40.76 ng
RT: 7.969 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:162 Resp: 409667
Ion Ratio Lower Upper
162 100
164 64.6 43.2 83.2
98 34.9 15.2 55.2

Instrument :
BNA_F
ClientSampleId :
PB133772BS

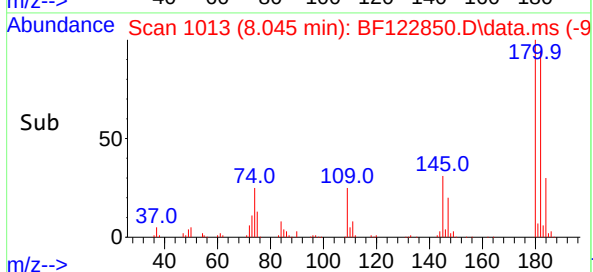
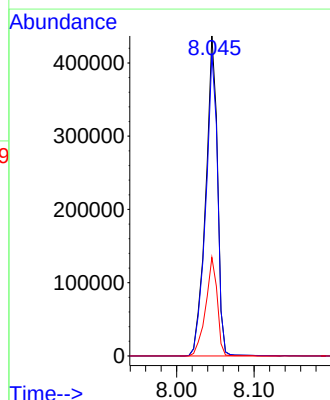
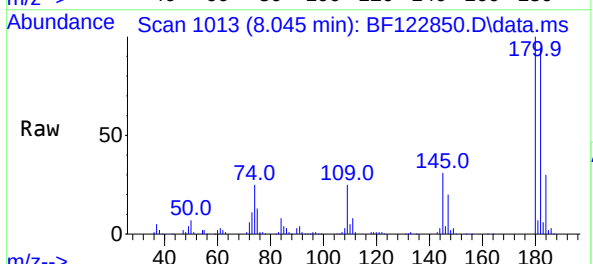
Manual Integrations
APPROVED

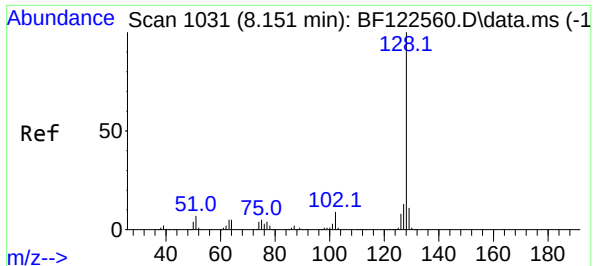
mohammad
12/28/2020 11:07:20 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.52 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:180 Resp: 461481
Ion Ratio Lower Upper
180 100
182 94.5 75.7 113.5
145 30.8 25.0 37.4





#31
Naphthalene
Concen: 41.91 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

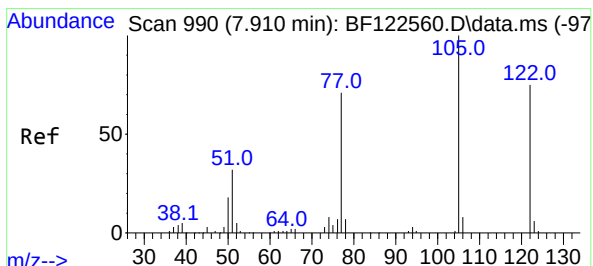
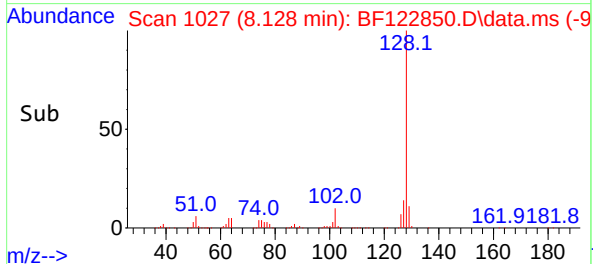
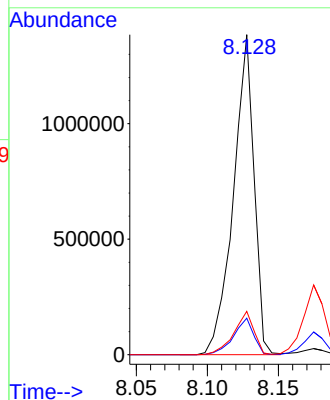
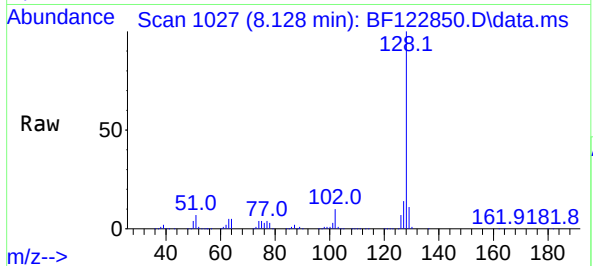
Tgt Ion:128 Resp: 1402492

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.6	10.7	16.1

Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

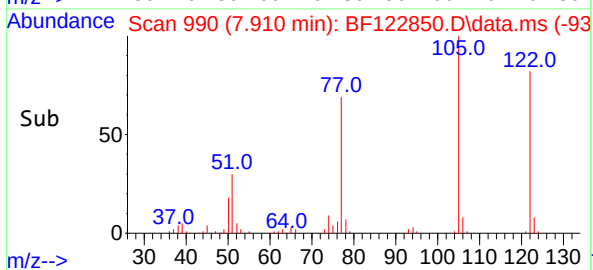
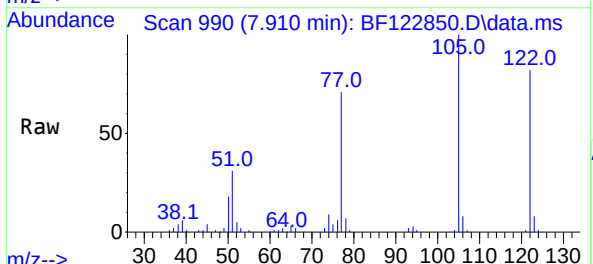
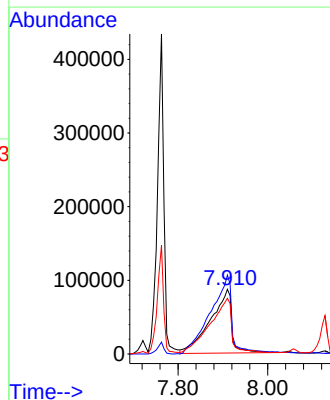
mohammad
12/28/2020 11:07:20 PM

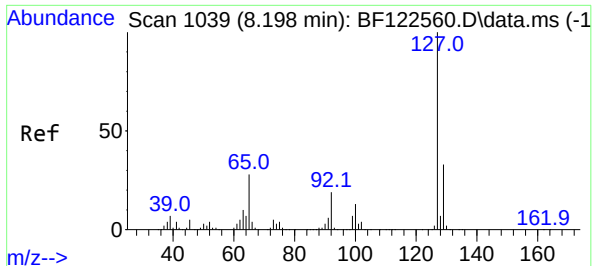


#32
Benzoic acid
Concen: 42.13 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:122 Resp: 288938

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.8	144.8
77	86.2	71.0	111.0





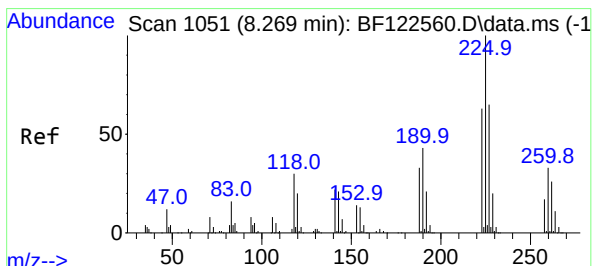
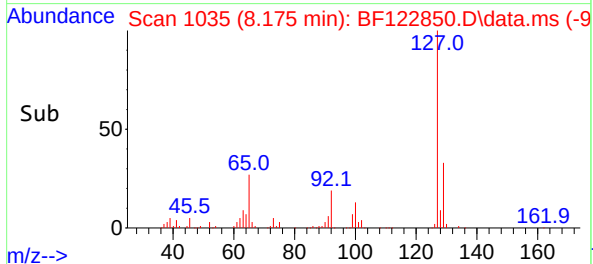
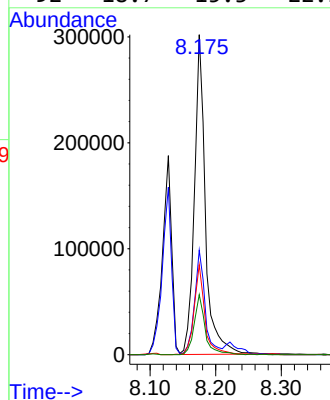
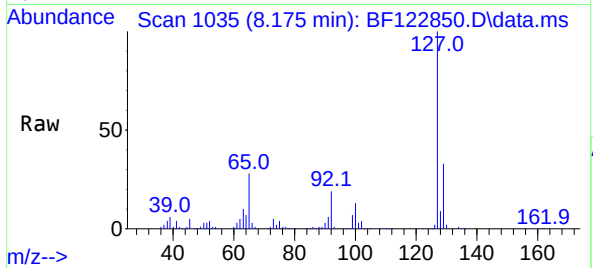
#33
4-Chloroaniline
Concen: 25.26 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:	127	Resp:	353324
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.2	39.2
65	28.1	22.2	33.2
92	18.7	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
PB133772BS

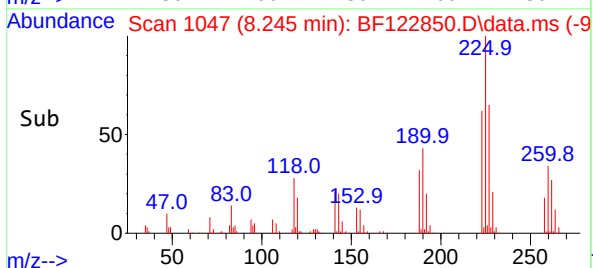
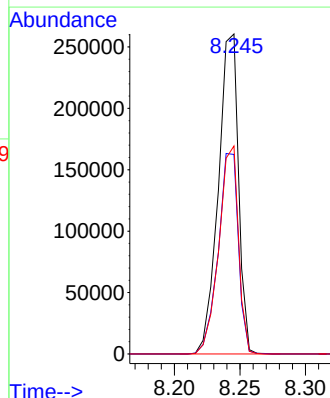
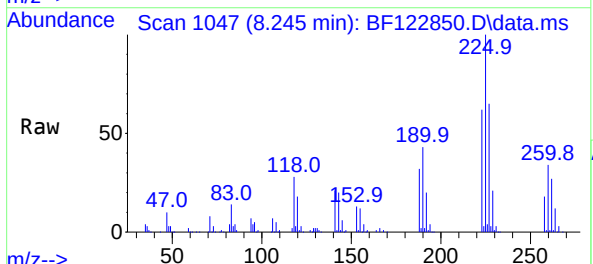
Manual Integrations
APPROVED

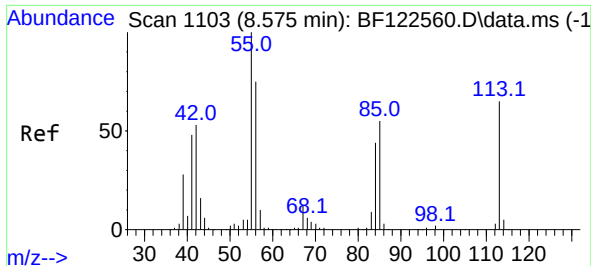
mohammad
12/28/2020 11:07:20 PM



#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:	225	Resp:	278367
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.7	76.1
227	65.0	51.7	77.5





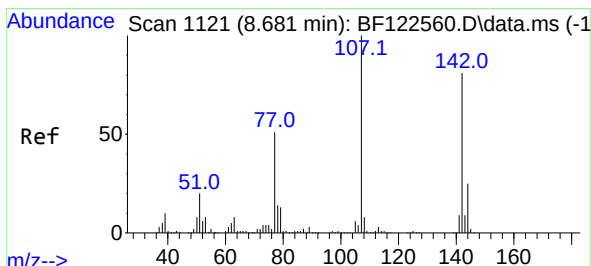
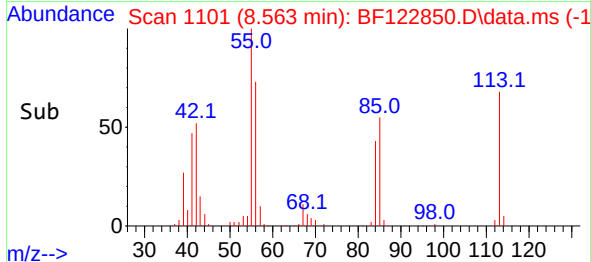
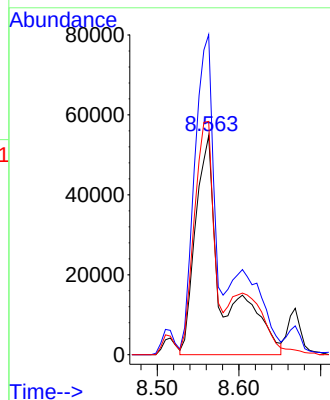
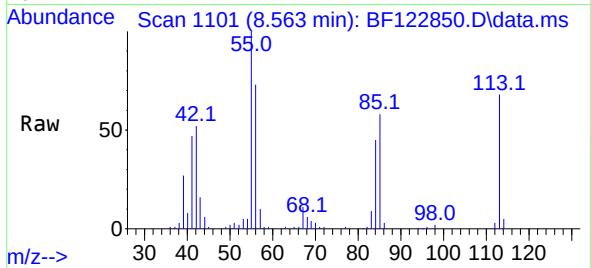
#35
Caprolactam
Concen: 42.46 ng m
RT: 8.563 min Scan# 1101
Delta R.T. 0.012 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:113 Resp: 128550
Ion Ratio Lower Upper
113 100
55 146.2 133.7 173.7
56 106.6 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
PB133772BS

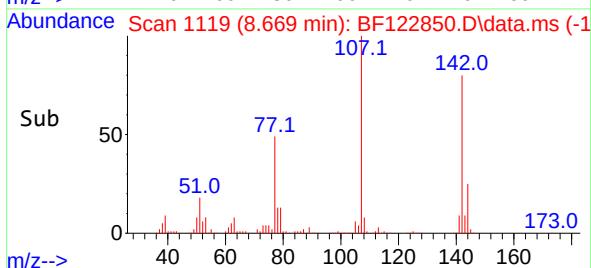
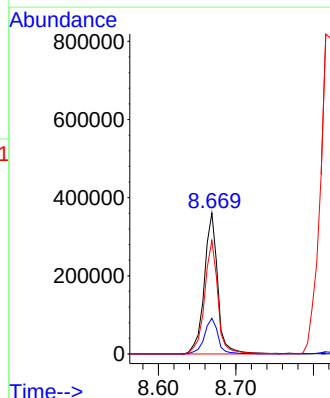
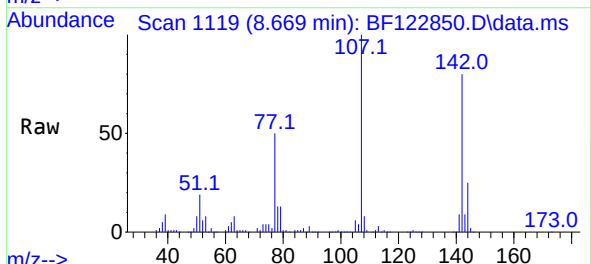
Manual Integrations
APPROVED

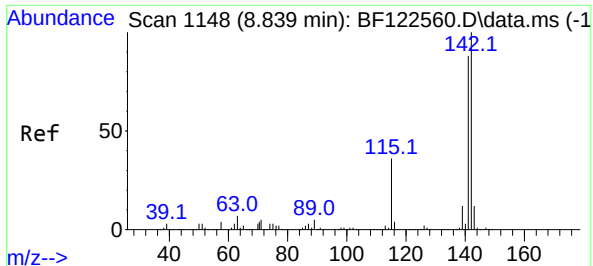
mohammad
12/28/2020 11:07:20 PM



#36
4-Chloro-3-methylphenol
Concen: 43.92 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

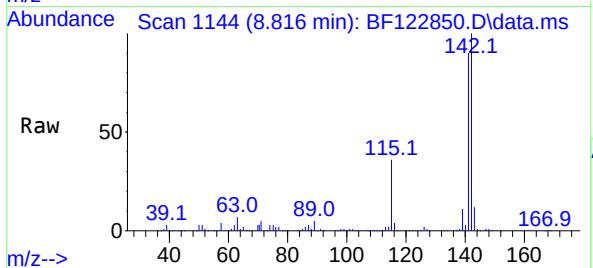
Tgt Ion:107 Resp: 434872
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.2
142 80.5 64.4 96.6





#37
2-Methylnaphthalene
Concen: 42.35 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

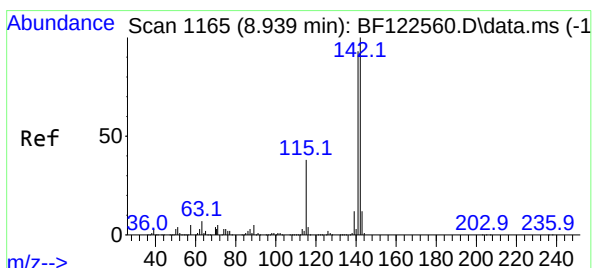
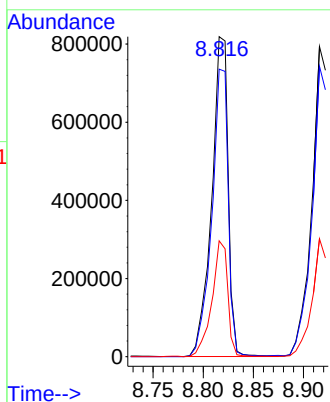
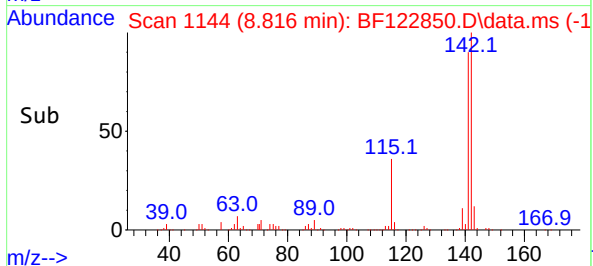
Instrument :
BNA_F
ClientSampleId :
PB133772BS



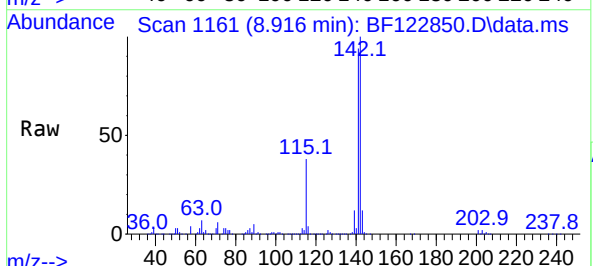
Tgt Ion:142 Resp: 937470
Ion Ratio Lower Upper
142 100
141 89.9 70.6 106.0
115 36.2 28.7 43.1

Manual Integrations
APPROVED

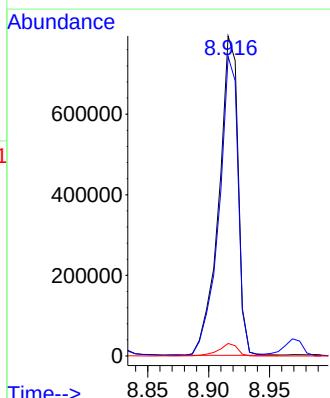
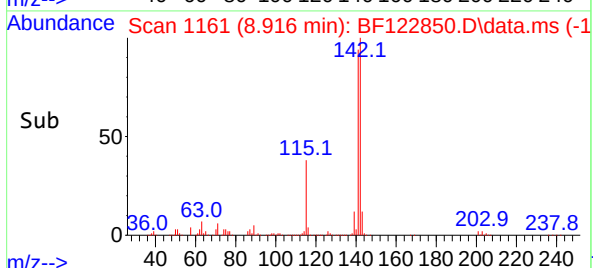
mohammad
12/28/2020 11:07:20 PM

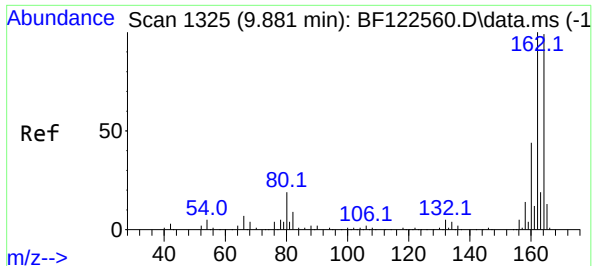


#38
1-Methylnaphthalene
Concen: 41.71 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



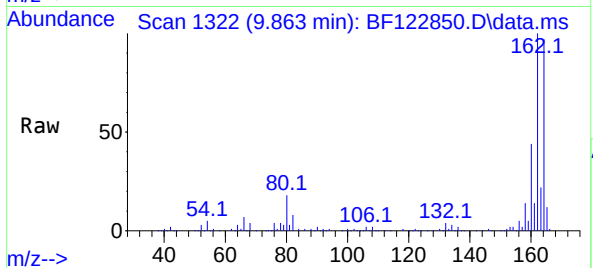
Tgt Ion:142 Resp: 873408
Ion Ratio Lower Upper
142 100
141 93.6 74.5 111.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

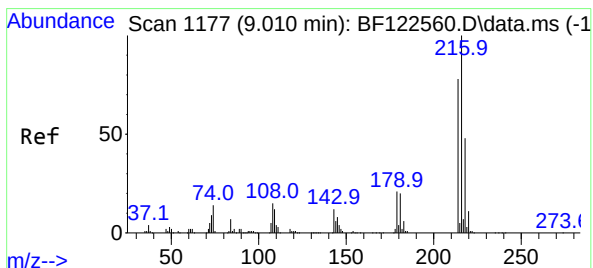
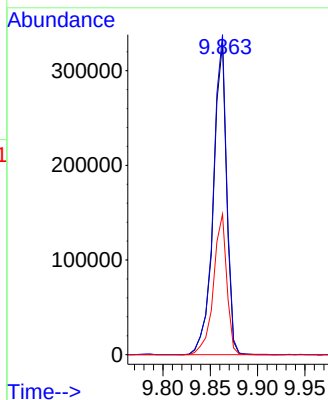
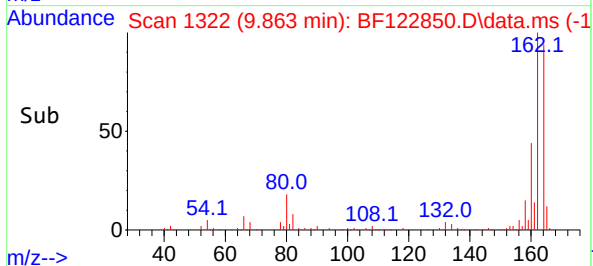
Instrument :
BNA_F
ClientSampleId :
PB133772BS



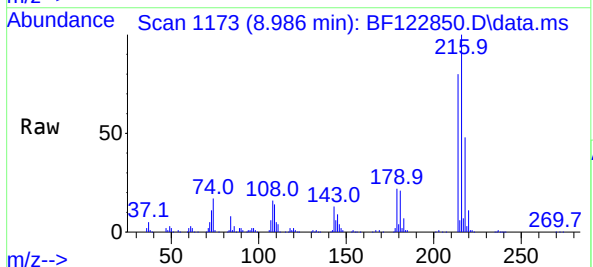
Tgt Ion:164 Resp: 321234
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 45.1 35.4 53.0

Manual Integrations
APPROVED

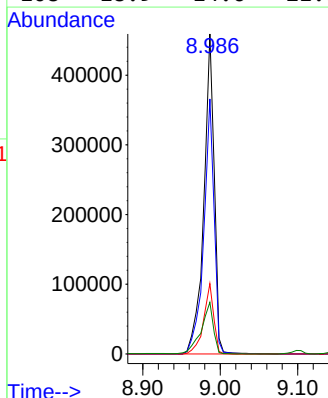
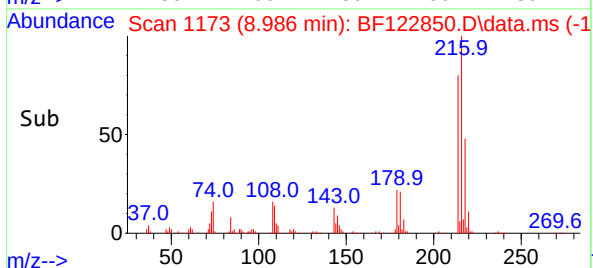
mohammad
12/28/2020 11:07:20 PM

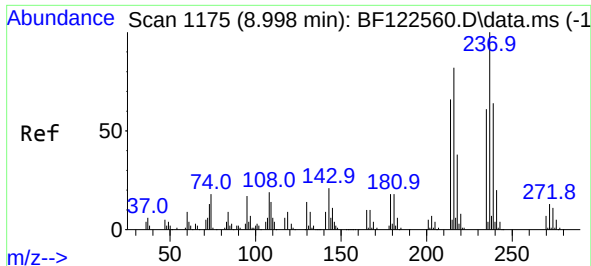


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.35 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion:216 Resp: 429369
Ion Ratio Lower Upper
216 100
214 79.2 63.1 94.7
179 21.4 17.1 25.7
108 18.9 14.6 21.8





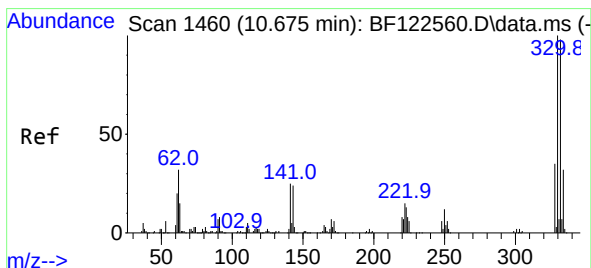
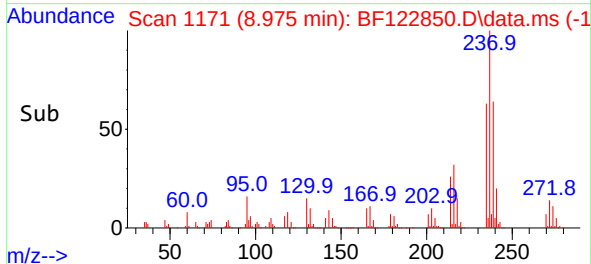
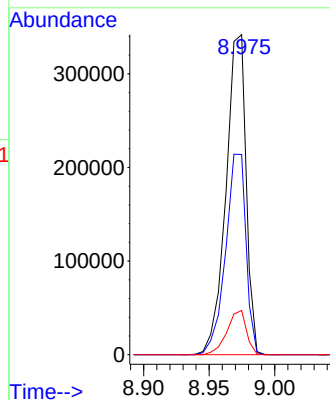
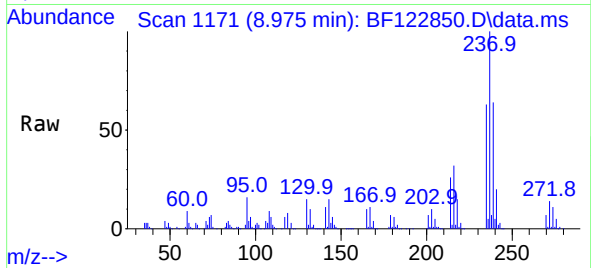
#41
Hexachlorocyclopentadiene
Concen: 77.81 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 237 Resp: 366060
Ion Ratio Lower Upper
237 100
235 62.5 40.9 80.9
272 13.8 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
PB133772BS

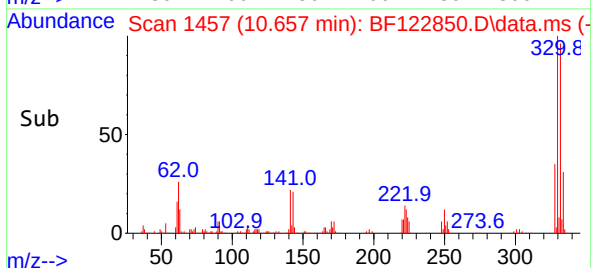
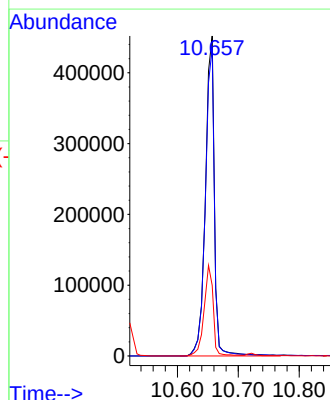
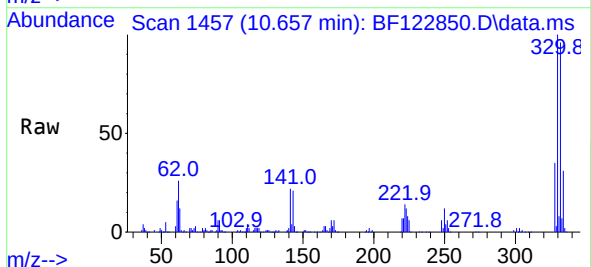
Manual Integrations
APPROVED

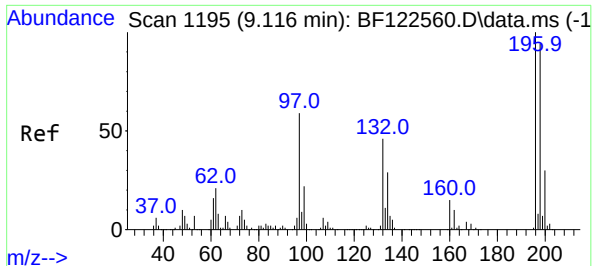
mohammad
12/28/2020 11:07:20 PM



#42
2,4,6-Tribromophenol
Concen: 110.70 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

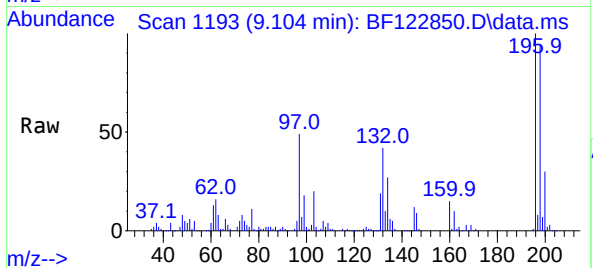
Tgt Ion: 330 Resp: 465487
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 28.5 23.8 35.8





#43
2,4,6-Trichlorophenol
Concen: 40.01 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

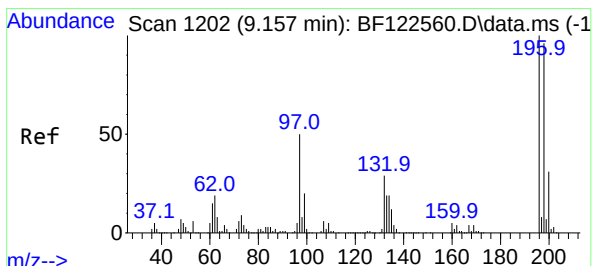
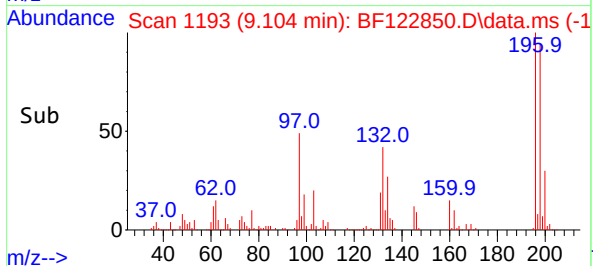
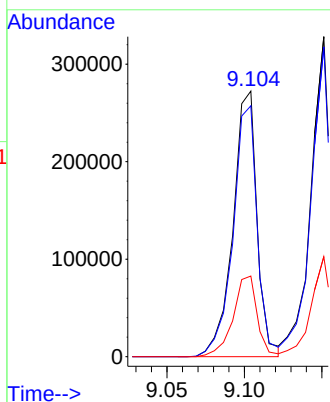
Instrument :
BNA_F
ClientSampled :
PB133772BS



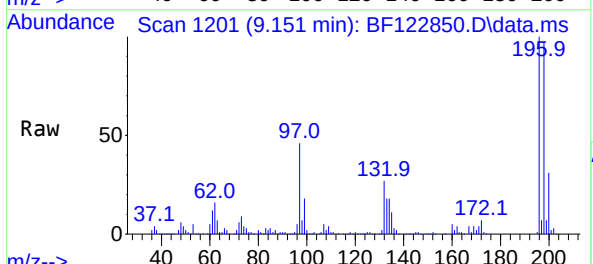
Tgt Ion:196 Resp: 293985
Ion Ratio Lower Upper
196 100
198 94.5 75.1 112.7
200 30.4 23.7 35.5

Manual Integrations
APPROVED

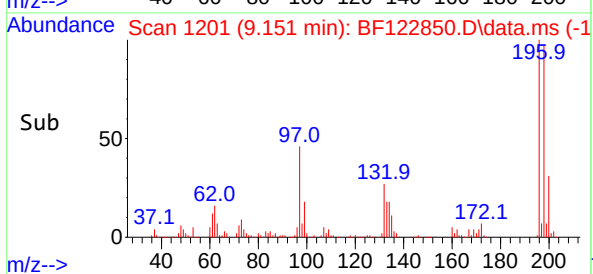
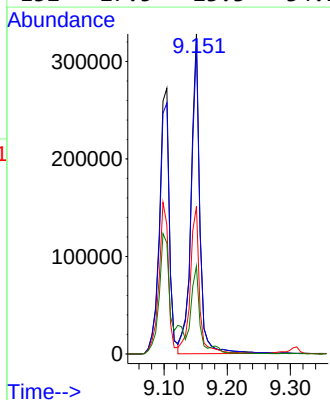
mohammad
12/28/2020 11:07:20 PM

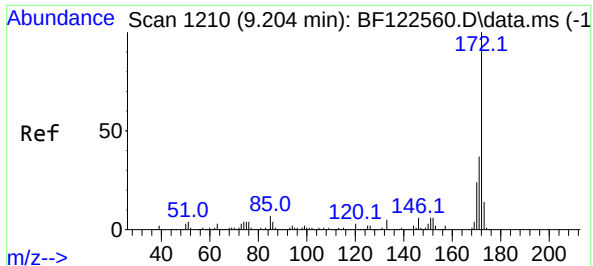


#44
2,4,5-Trichlorophenol
Concen: 41.78 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion:196 Resp: 317362
Ion Ratio Lower Upper
196 100
198 96.8 76.5 114.7
97 46.1 40.1 60.1
132 27.5 23.3 34.9





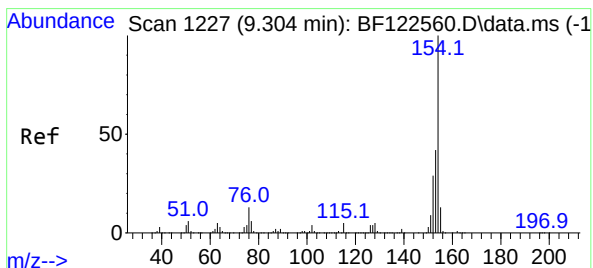
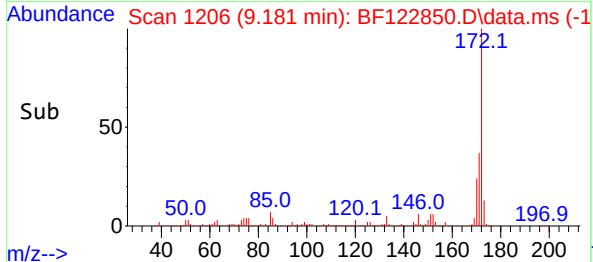
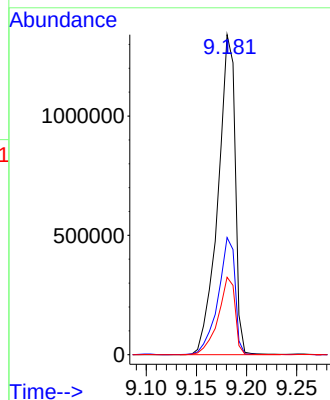
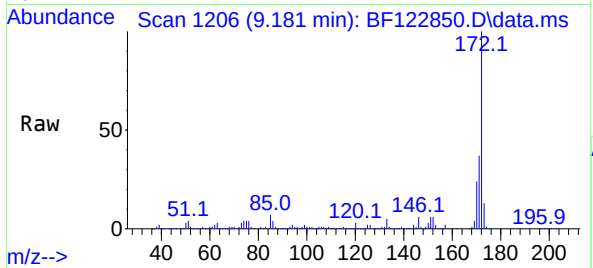
#45
2-Fluorobiphenyl
Concen: 67.30 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:172 Resp: 1598317
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.5 29.3

Instrument :
BNA_F
ClientSampleId :
PB133772BS

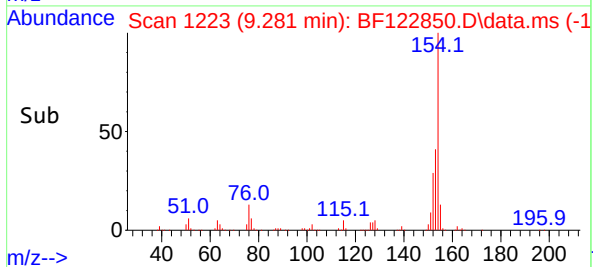
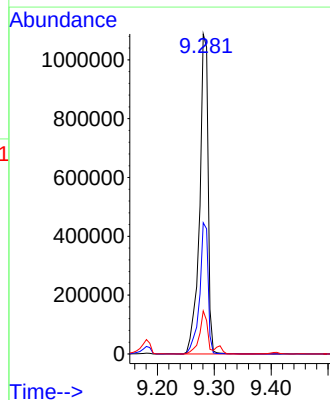
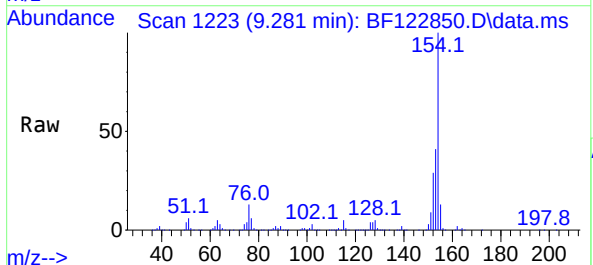
Manual Integrations
APPROVED

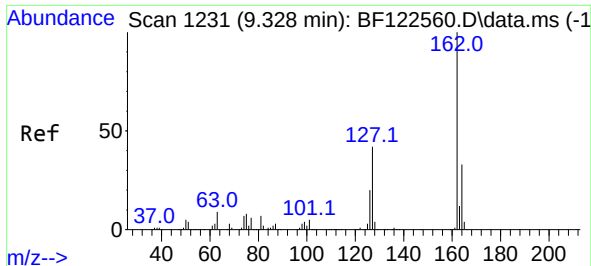
mohammad
12/28/2020 11:07:20 PM



#46
1,1'-Biphenyl
Concen: 42.88 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:154 Resp: 1143131
Ion Ratio Lower Upper
154 100
153 41.0 21.8 61.8
76 13.4 0.0 33.4





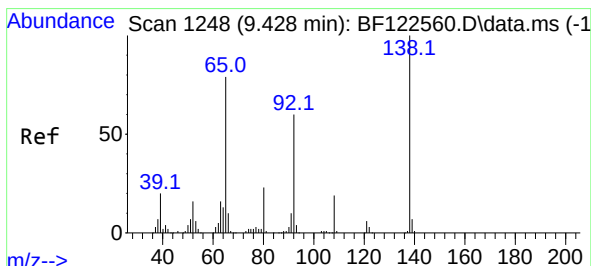
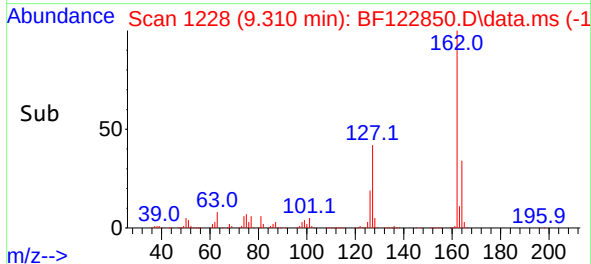
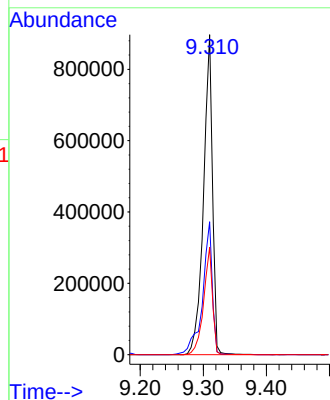
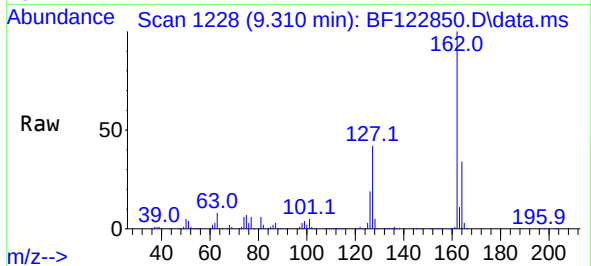
#47
2-Chloronaphthalene
Concen: 40.41 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:162 Resp: 892525
Ion Ratio Lower Upper
162 100
127 41.5 33.8 50.8
164 33.6 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
PB133772BS

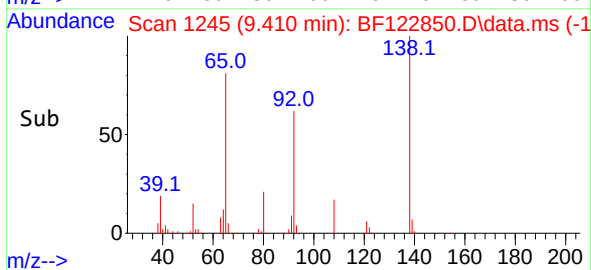
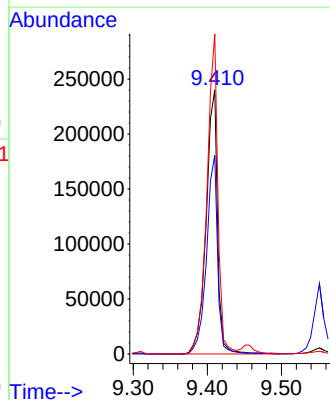
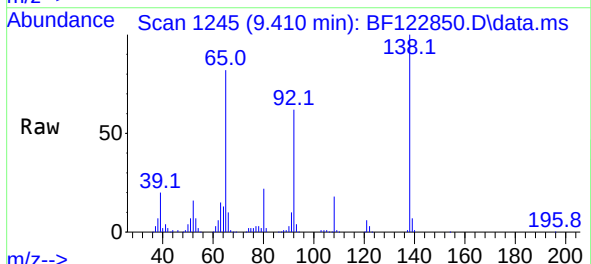
Manual Integrations
APPROVED

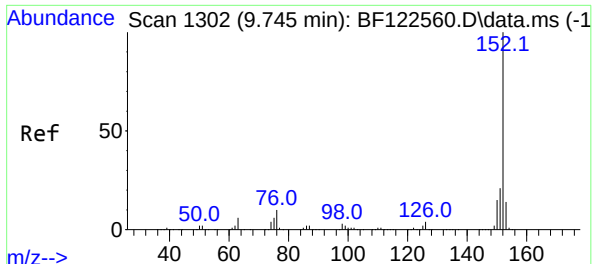
mohammad
12/28/2020 11:07:20 PM



#48
2-Nitroaniline
Concen: 40.12 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion: 65 Resp: 258346
Ion Ratio Lower Upper
65 100
92 75.2 60.0 90.0
138 121.2 100.6 151.0





#49

Acenaphthylene

Concen: 41.73 ng

RT: 9.722 min Scan# 1298

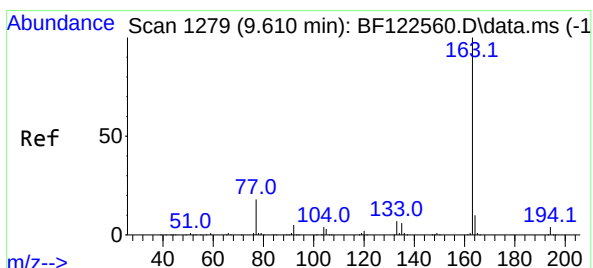
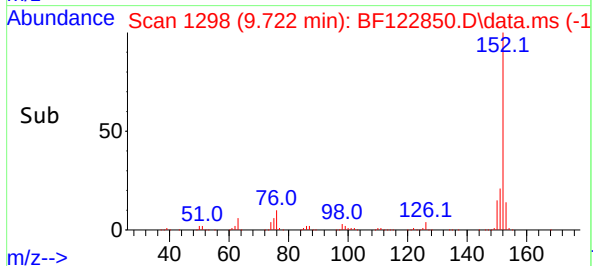
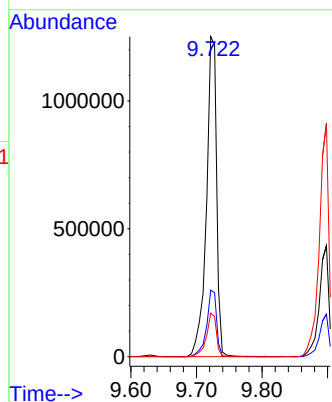
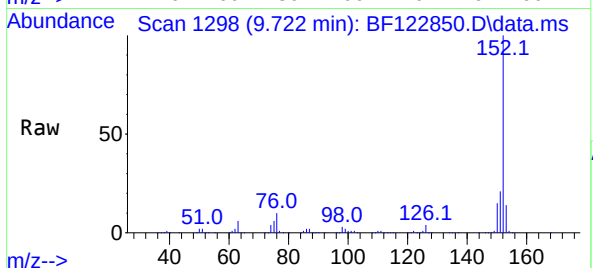
Delta R.T. -0.000 min

Lab File: BF122850.D

Acq: 24 Dec 2020 10:40

Tgt Ion:152 Resp: 1361353

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.6	10.9	16.3



#50

Dimethylphthalate

Concen: 42.66 ng

RT: 9.586 min Scan# 1275

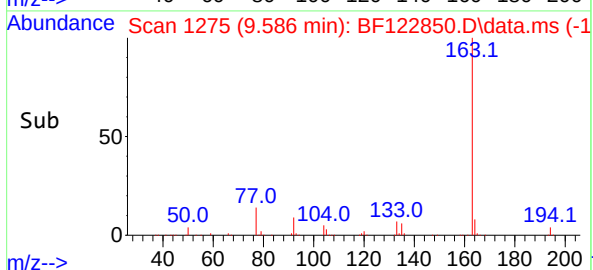
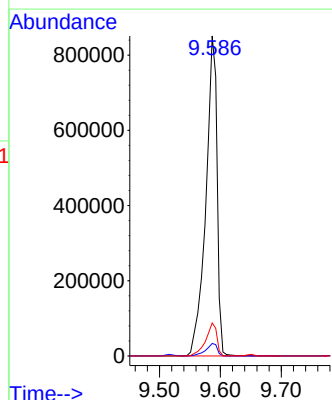
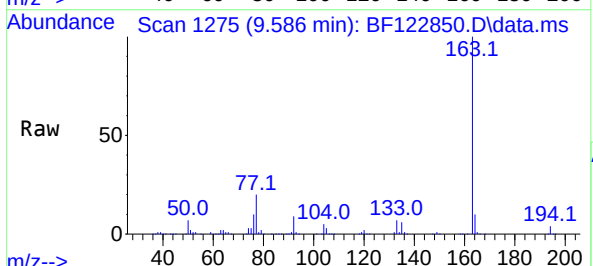
Delta R.T. -0.000 min

Lab File: BF122850.D

Acq: 24 Dec 2020 10:40

Tgt Ion:163 Resp: 1094458

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	8.1	12.1



Instrument :

BNA_F

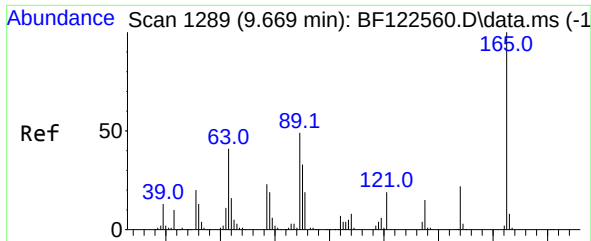
ClientSampleId :

PB133772BS

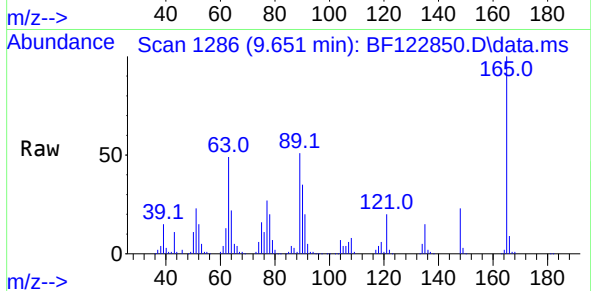
Manual Integrations

APPROVED

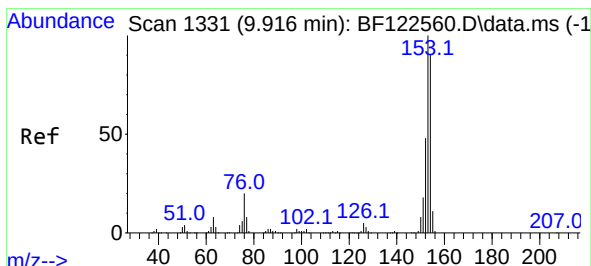
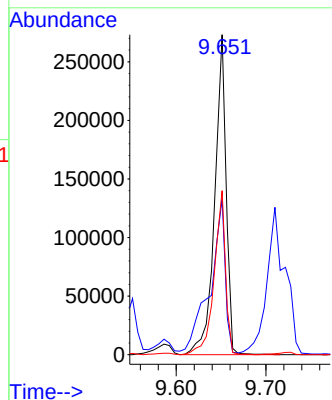
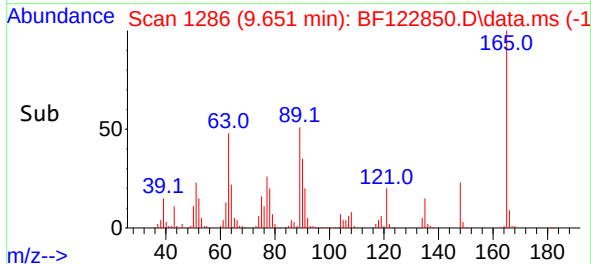
mohammad
12/28/2020 11:07:20 PM



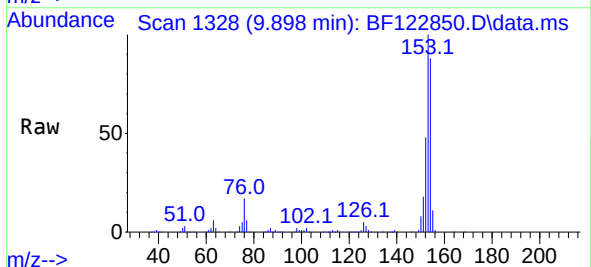
#51
2,6-Dinitrotoluene
Concen: 44.86 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



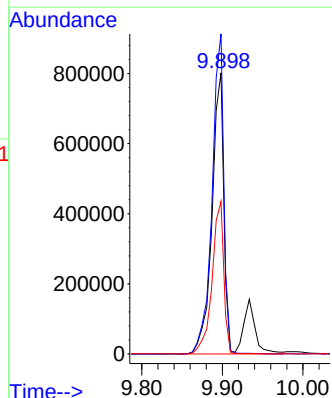
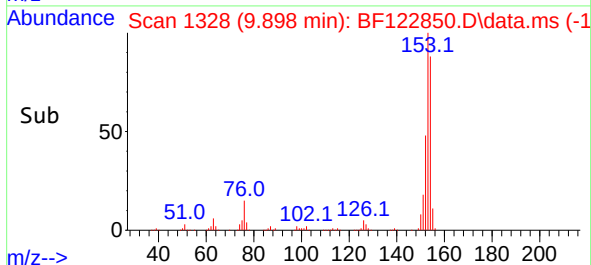
Tgt Ion:165 Resp: 243040
Ion Ratio Lower Upper
165 100
63 48.6 36.6 55.0
89 51.3 39.4 59.0



#52
Acenaphthene
Concen: 45.83 ng m
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



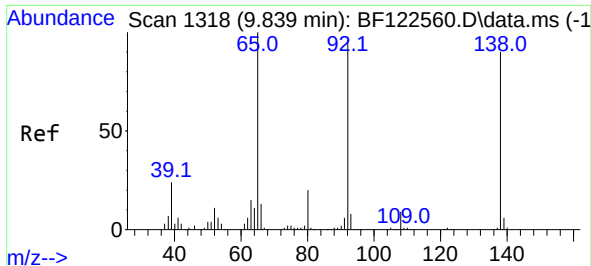
Tgt Ion:154 Resp: 967459
Ion Ratio Lower Upper
154 100
153 113.8 89.0 133.6
152 54.2 42.7 64.1



Instrument :
BNA_F
ClientSampled :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



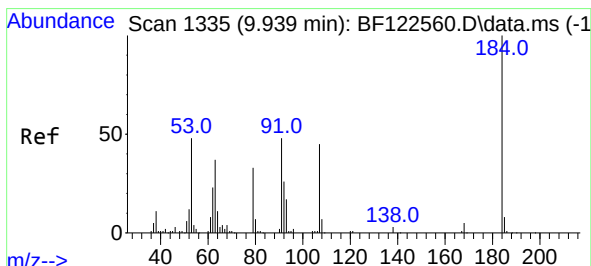
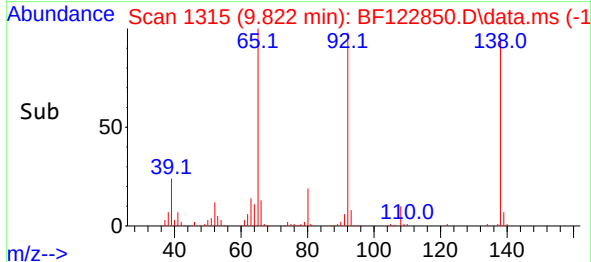
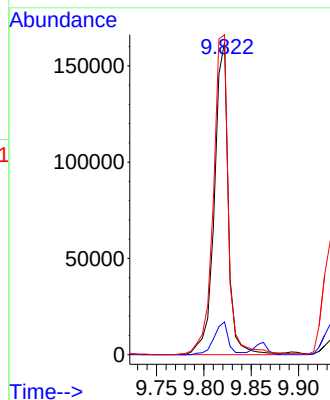
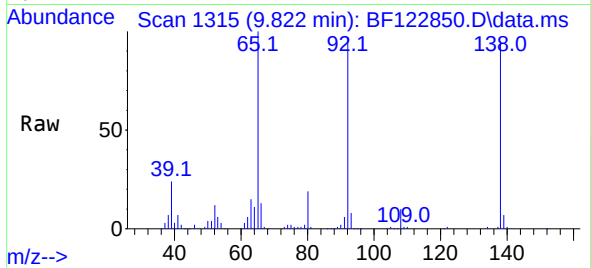
#53
3-Nitroaniline
Concen: 26.55 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:138 Resp: 166249
Ion Ratio Lower Upper
138 100
108 10.5 8.2 12.2
92 102.4 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
PB133772BS

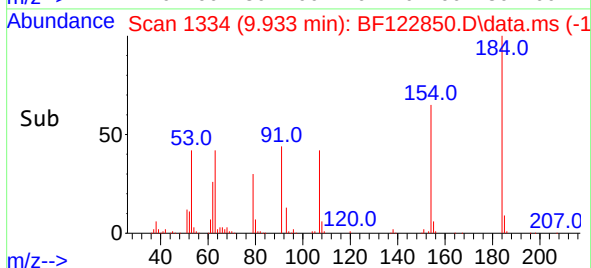
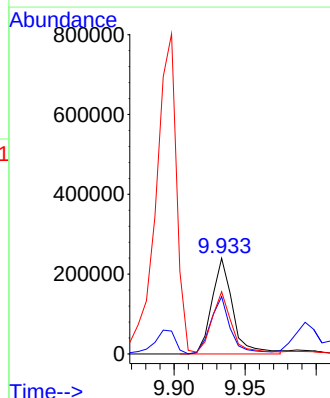
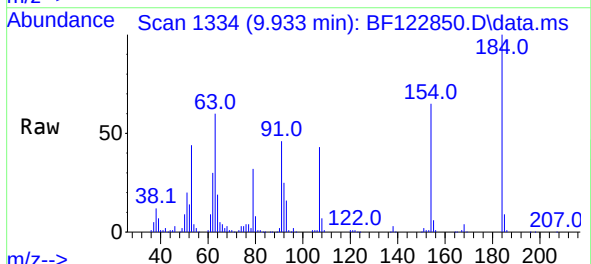
Manual Integrations
APPROVED

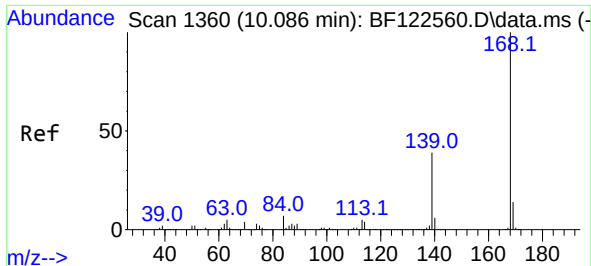
mohammad
12/28/2020 11:07:20 PM



#54
2,4-Dinitrophenol
Concen: 92.26 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

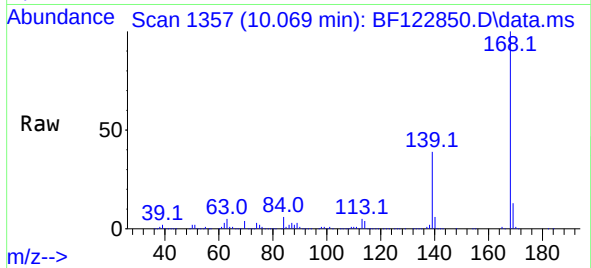
Tgt Ion:184 Resp: 244417
Ion Ratio Lower Upper
184 100
63 59.9 51.4 77.2
154 65.1 49.7 74.5





#55
Dibenzenofuran
Concen: 40.91 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

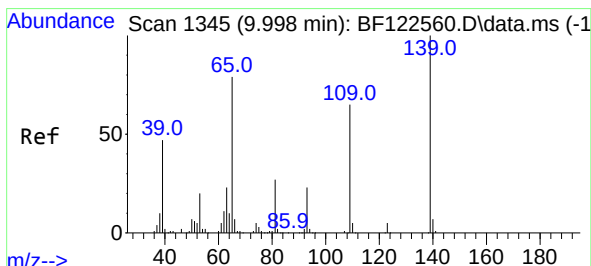
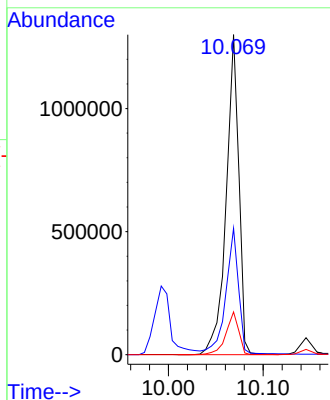
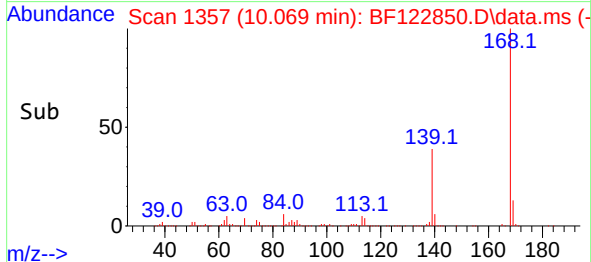
Instrument :
BNA_F
ClientSampled :
PB133772BS



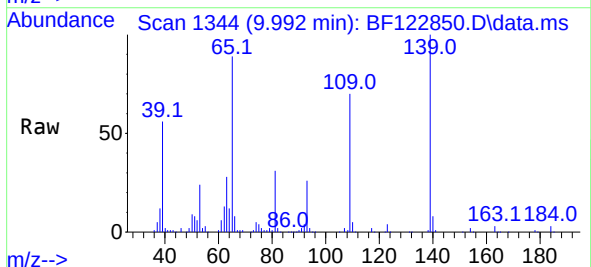
Tgt Ion:168 Resp: 1214718
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 13.4 11.2 16.8

Manual Integrations
APPROVED

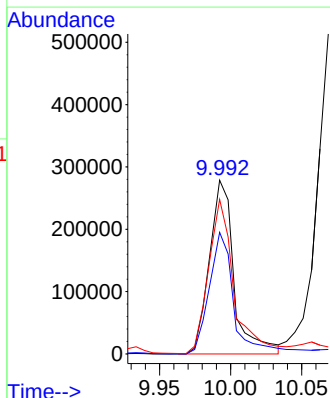
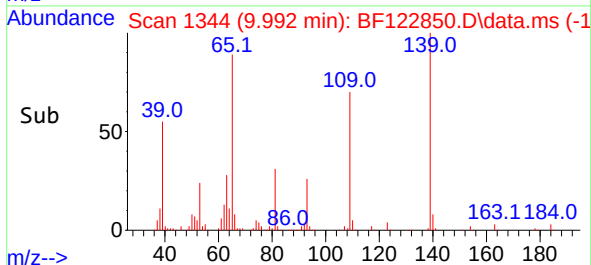
mohammad
12/28/2020 11:07:20 PM

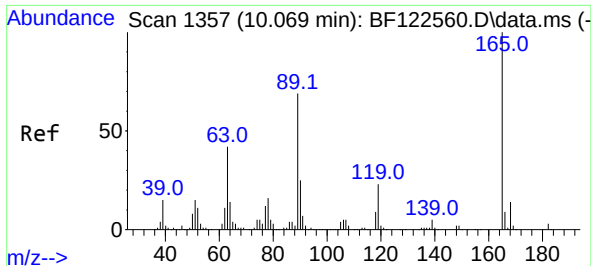


#56
4-Nitrophenol
Concen: 75.52 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.018 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

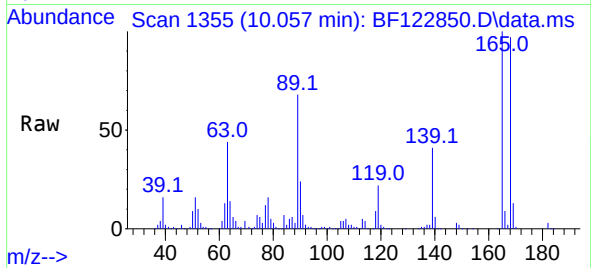


Tgt Ion:139 Resp: 337132
Ion Ratio Lower Upper
139 100
109 70.0 45.1 85.1
65 89.0 59.2 99.2

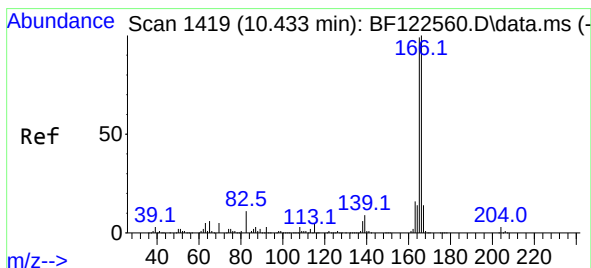
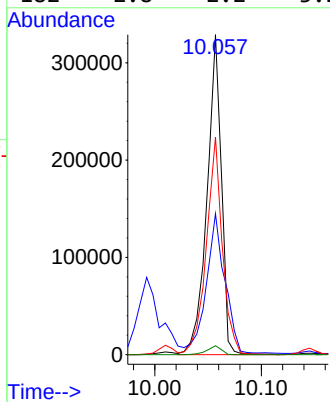
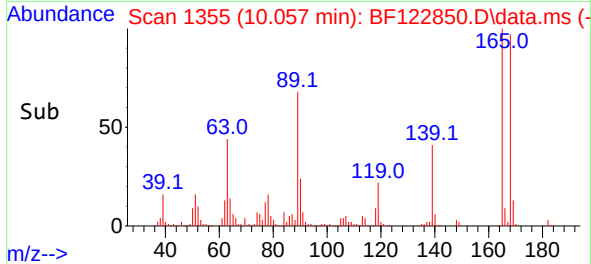




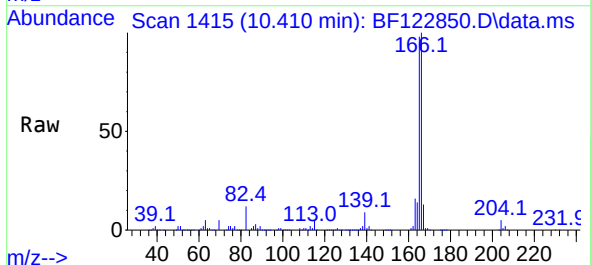
#57
2,4-Dinitrotoluene
Concen: 42.92 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



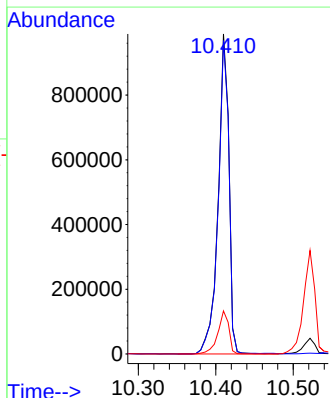
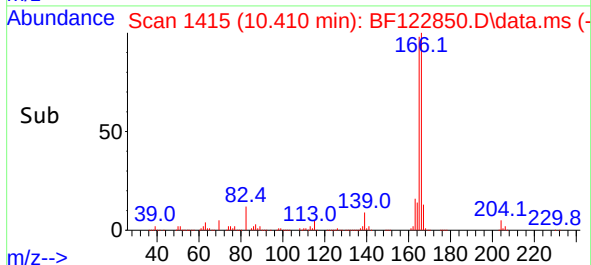
Tgt Ion:165 Resp: 309775
Ion Ratio Lower Upper
165 100
63 44.1 34.3 51.5
89 68.0 55.2 82.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 40.57 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



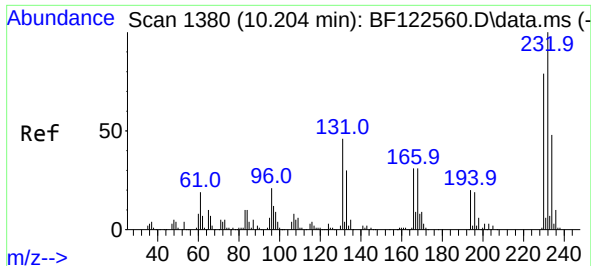
Tgt Ion:166 Resp: 958102
Ion Ratio Lower Upper
166 100
165 97.9 79.4 119.0
167 13.4 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



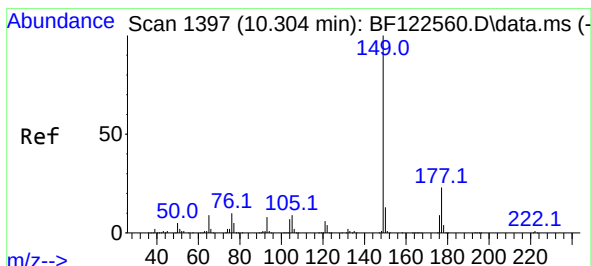
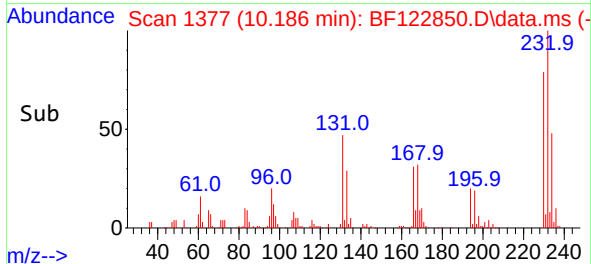
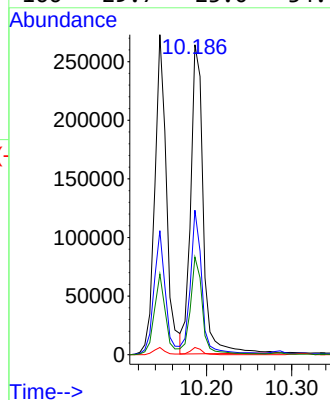
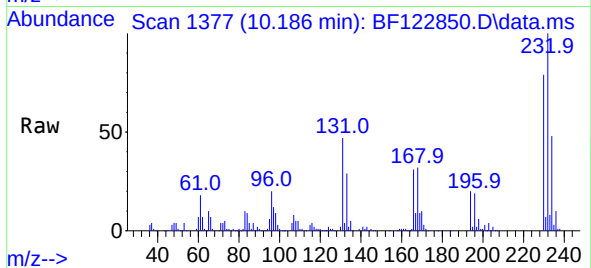
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.50 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:232 Resp: 270266
Ion Ratio Lower Upper
232 100
131 41.7 33.0 49.4
130 2.1 1.7 2.5
166 29.7 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
PB133772BS

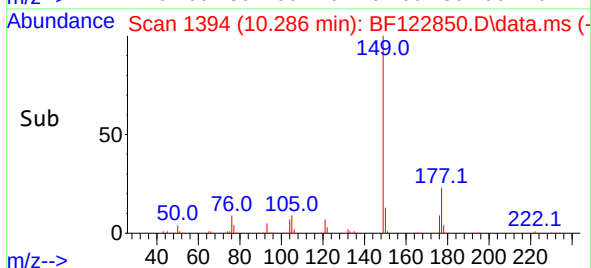
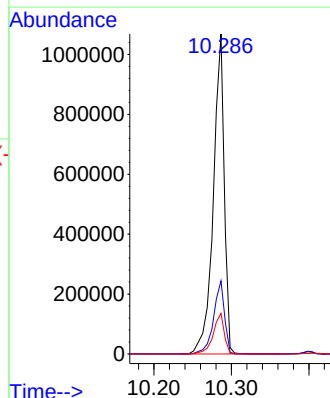
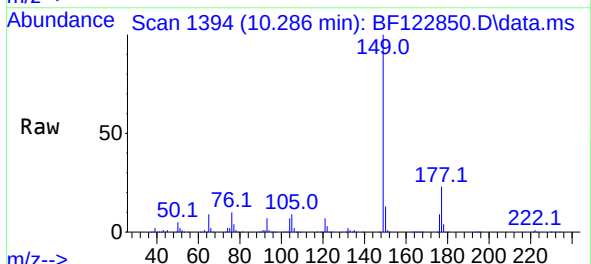
Manual Integrations
APPROVED

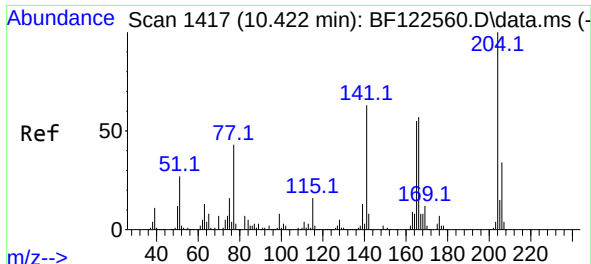
mohammad
12/28/2020 11:07:20 PM



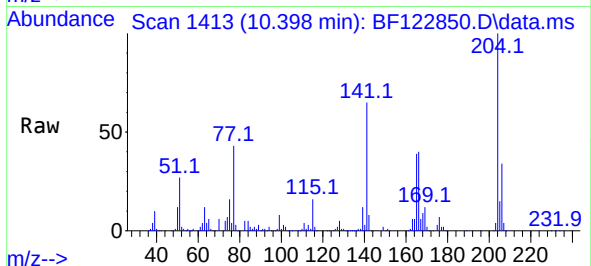
#60
Diethylphthalate
Concen: 41.91 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:149 Resp: 1045693
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.7 10.1 15.1

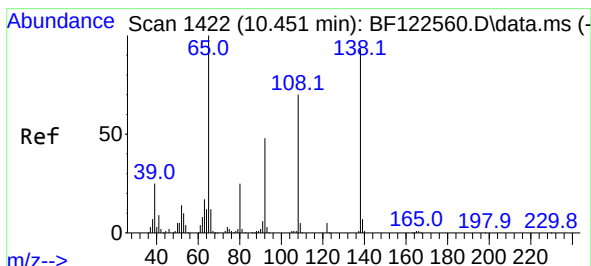
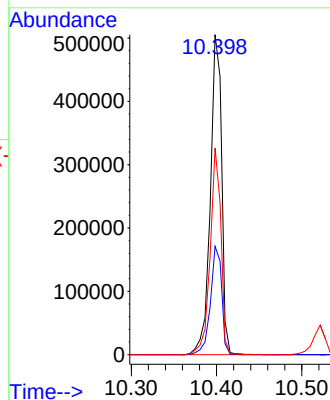
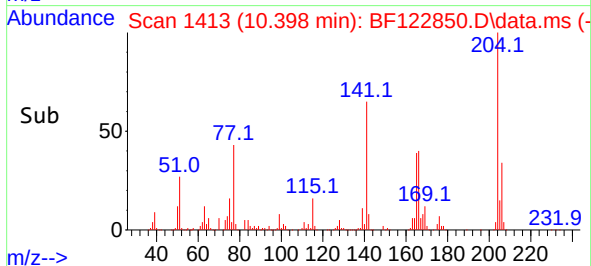




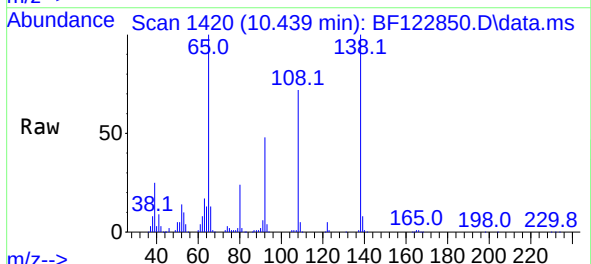
#61
4-Chlorophenyl-phenylether
Concen: 40.11 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



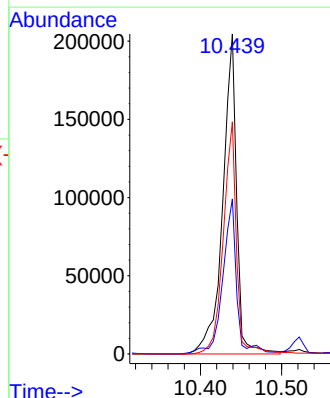
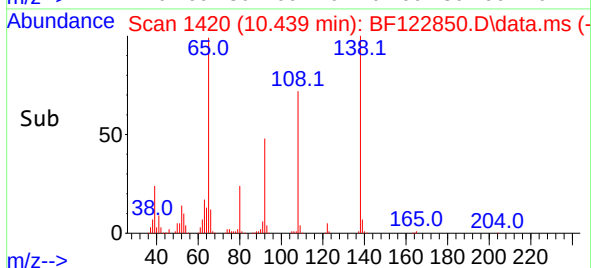
Tgt Ion:204 Resp: 466397
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 64.6 50.4 75.6



#62
4-Nitroaniline
Concen: 38.44 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.012 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



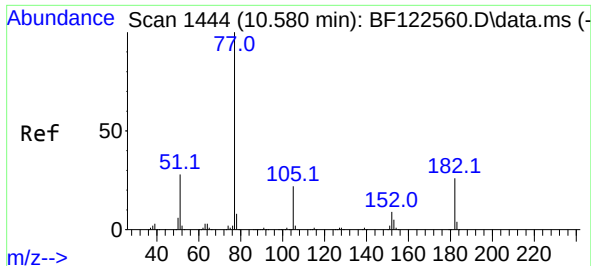
Tgt Ion:138 Resp: 244309
Ion Ratio Lower Upper
138 100
92 48.5 31.0 71.0
108 72.6 54.8 94.8



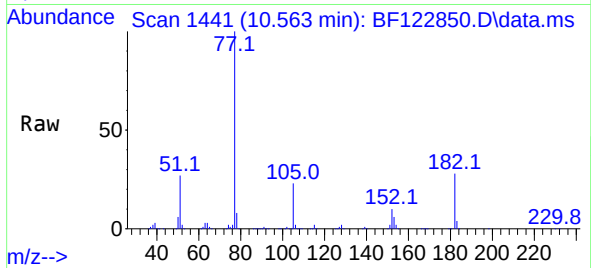
Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

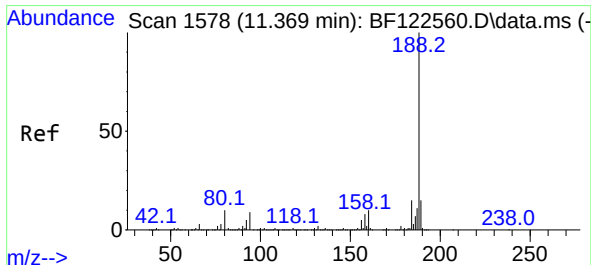
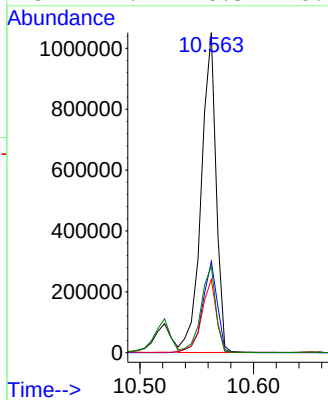
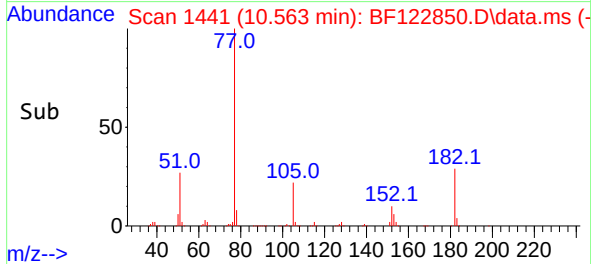
mohammad
12/28/2020 11:07:20 PM



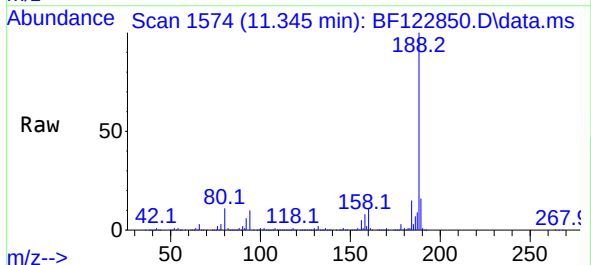
#63
Azobenzene
Concen: 41.52 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



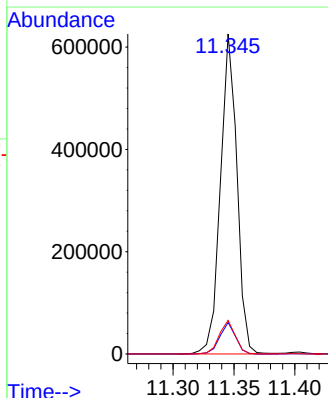
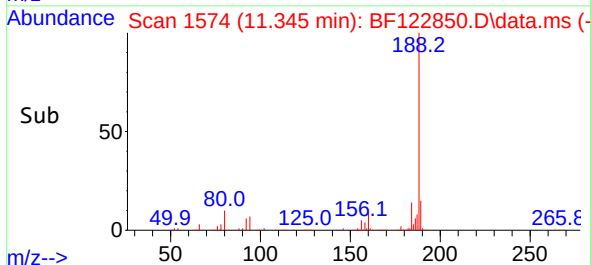
Tgt Ion: 77 Resp: 952420
Ion Ratio Lower Upper
77 100
182 28.5 5.6 45.6
105 22.9 1.8 41.8
51 27.1 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



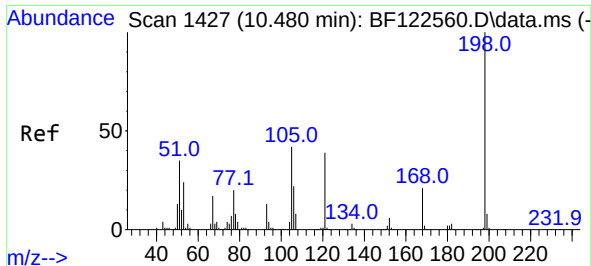
Tgt Ion: 188 Resp: 591185
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.5 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



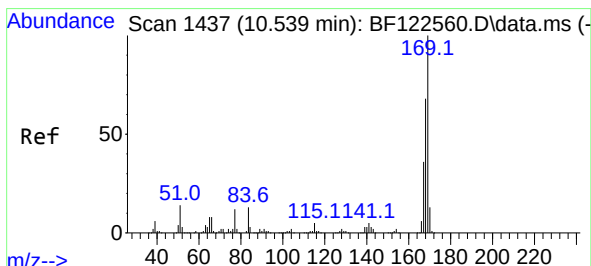
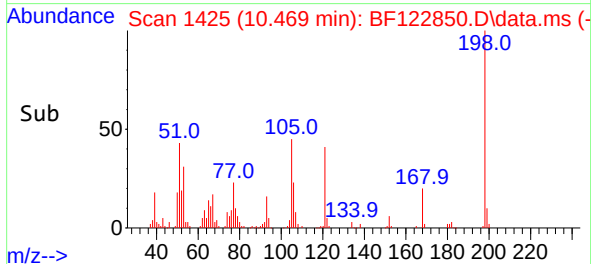
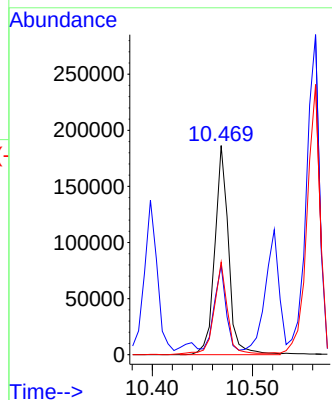
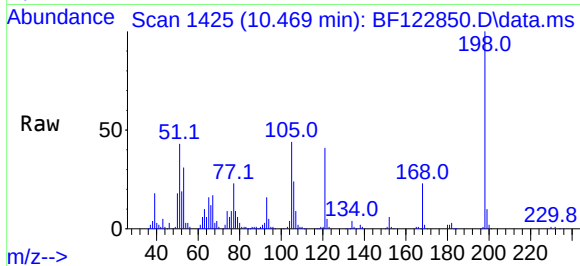
#65
4,6-Dinitro-2-methylphenol
Concen: 49.06 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:198 Resp: 176842
Ion Ratio Lower Upper
198 100
51 42.7 20.3 60.3
105 44.2 23.0 63.0

Instrument :
BNA_F
ClientSampled :
PB133772BS

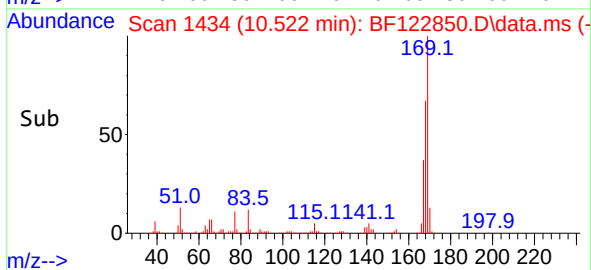
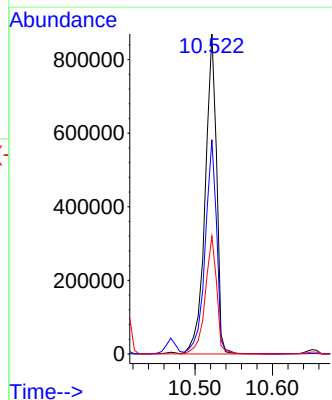
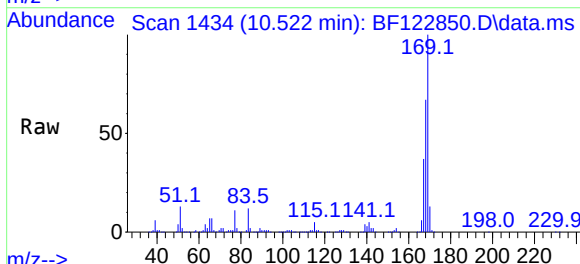
Manual Integrations
APPROVED

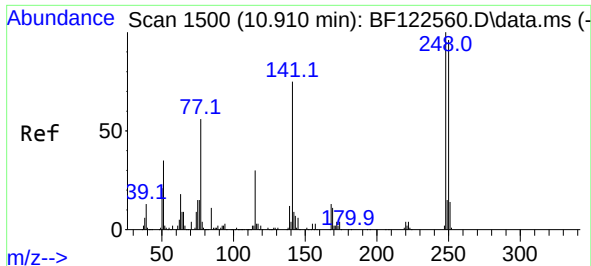
mohammad
12/28/2020 11:07:20 PM



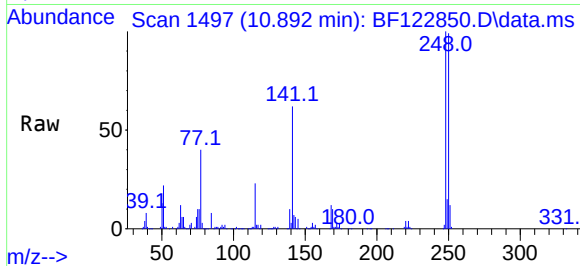
#66
n-Nitrosodiphenylamine
Concen: 42.53 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:169 Resp: 888385
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.8 29.2 43.8

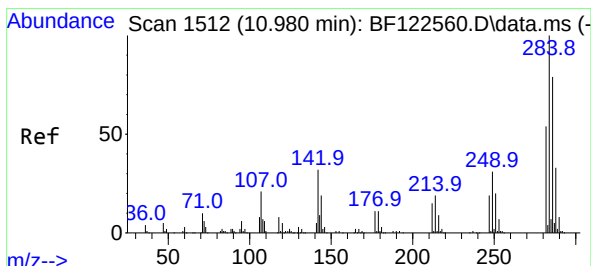
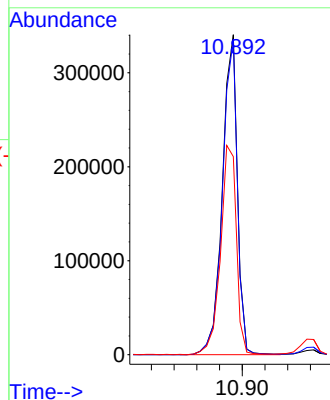
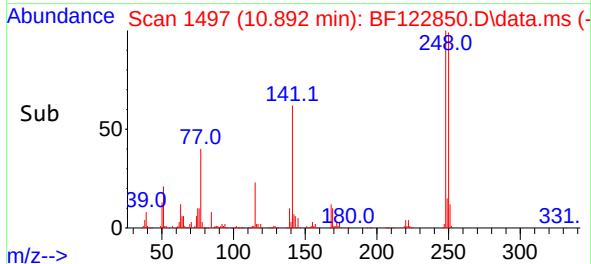




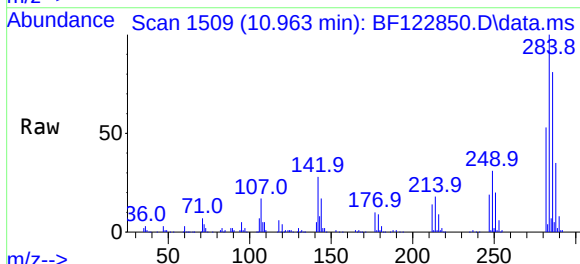
#67
4-Bromophenyl-phenylether
Concen: 39.23 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



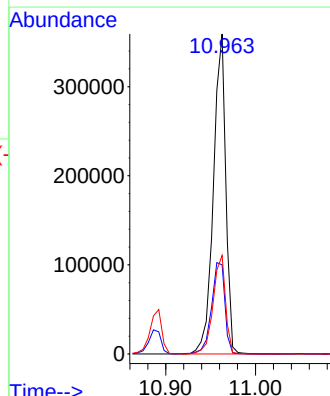
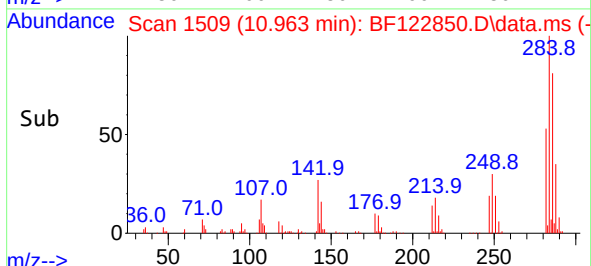
Tgt Ion:248 Resp: 314310
Ion Ratio Lower Upper
248 100
250 98.6 76.8 115.2
141 61.9 59.8 89.8



#68
Hexachlorobenzene
Concen: 38.89 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



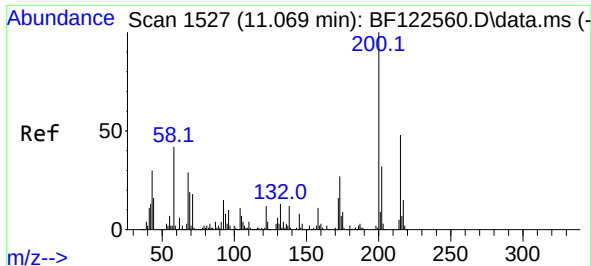
Tgt Ion:284 Resp: 344396
Ion Ratio Lower Upper
284 100
142 27.9 25.6 38.4
249 30.8 25.1 37.7



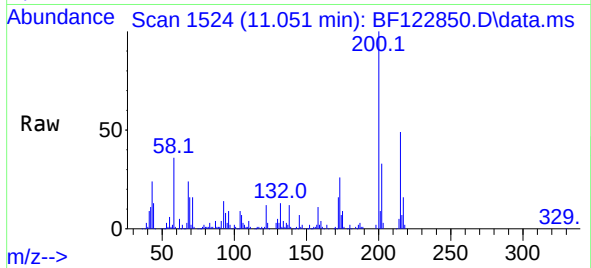
Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

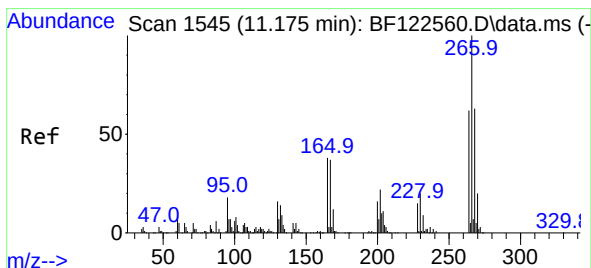
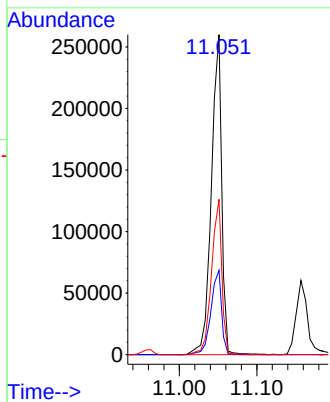
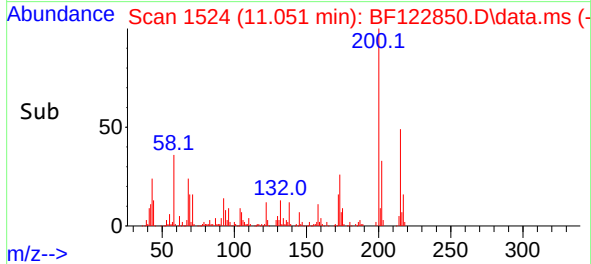
mohammad
12/28/2020 11:07:20 PM



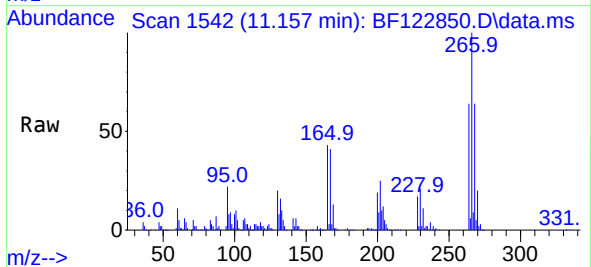
#69
Atrazine
Concen: 35.68 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



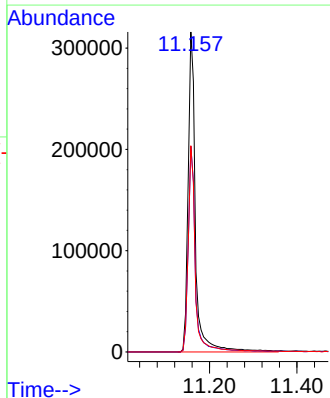
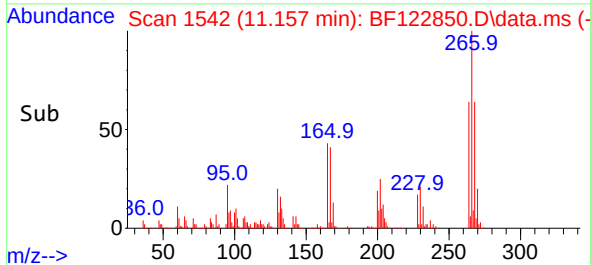
Tgt Ion:200 Resp: 242073
Ion Ratio Lower Upper
200 100
173 26.4 6.6 46.6
215 48.6 28.1 68.1



#70
Pentachlorophenol
Concen: 78.71 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



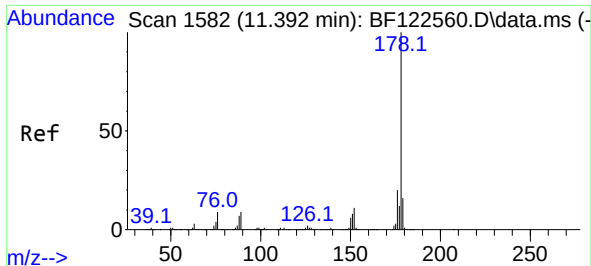
Tgt Ion:266 Resp: 369314
Ion Ratio Lower Upper
266 100
268 64.3 50.5 75.7
264 64.5 49.8 74.8



Instrument :
BNA_F
ClientSampleId :
PB133772BS

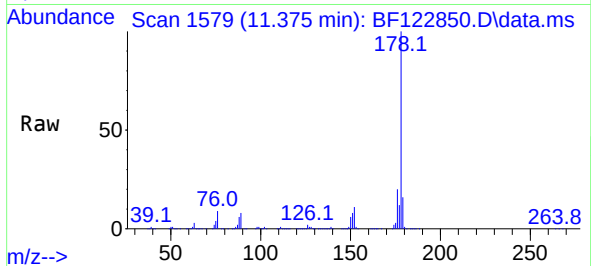
Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



#71
Phenanthrene
Concen: 40.43 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

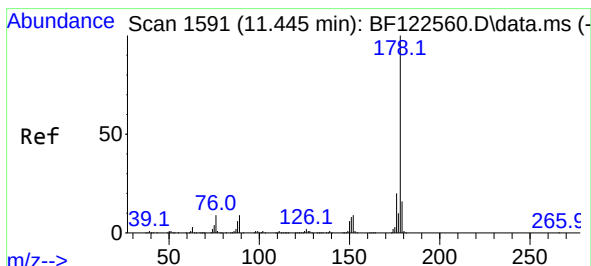
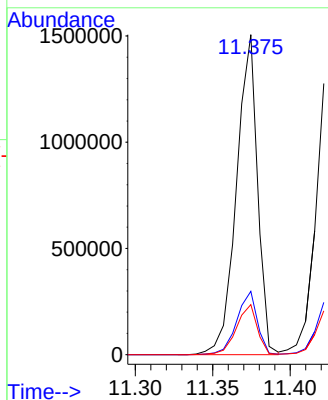
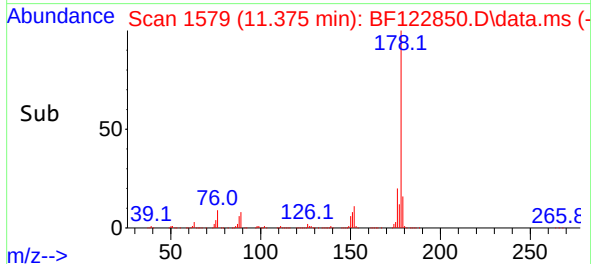
Instrument :
BNA_F
ClientSampleId :
PB133772BS



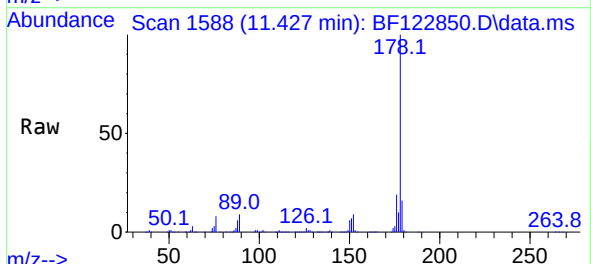
Tgt Ion:178 Resp: 1420550
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.7 12.7 19.1

Manual Integrations
APPROVED

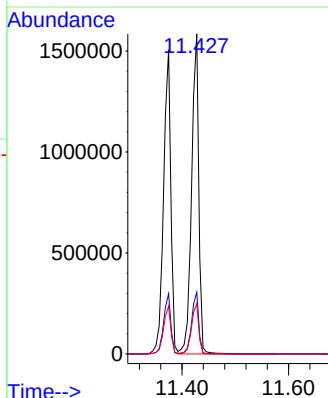
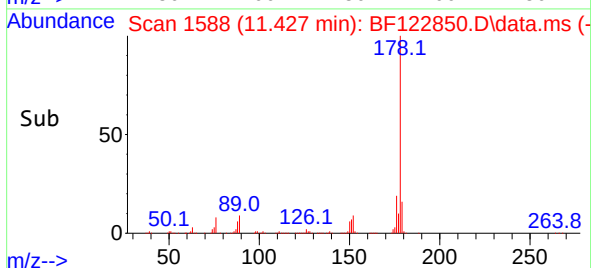
mohammad
12/28/2020 11:07:20 PM

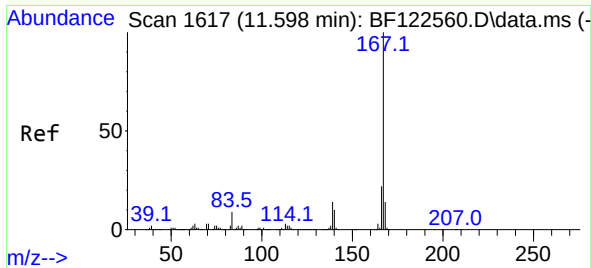


#72
Anthracene
Concen: 42.75 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

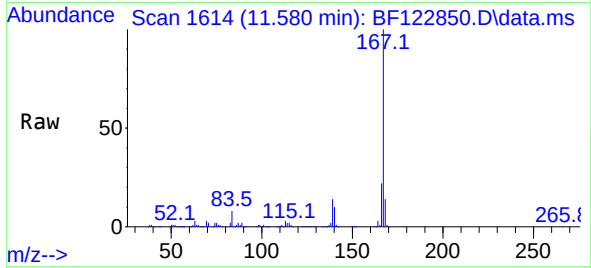


Tgt Ion:178 Resp: 1489415
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.7 12.8 19.2



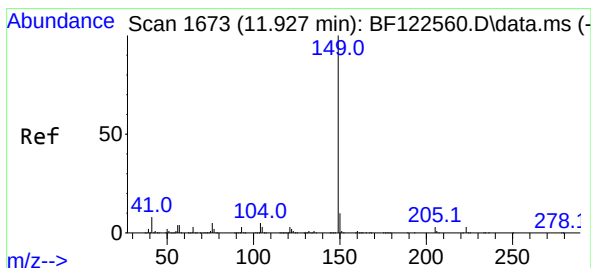
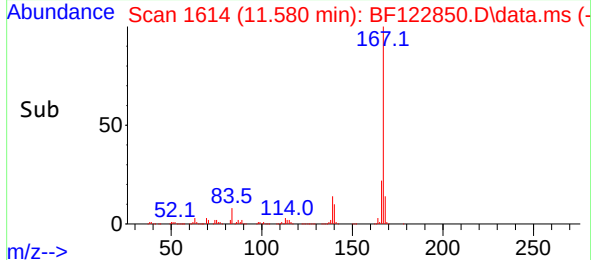
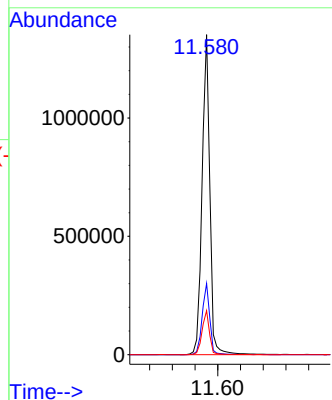


#73
Carbazole
Concen: 40.66 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

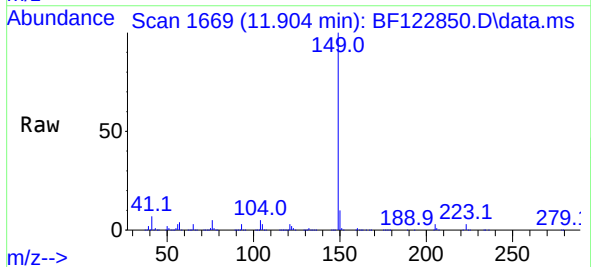


Tgt Ion:167 Resp: 1284734

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.8	10.9	16.3

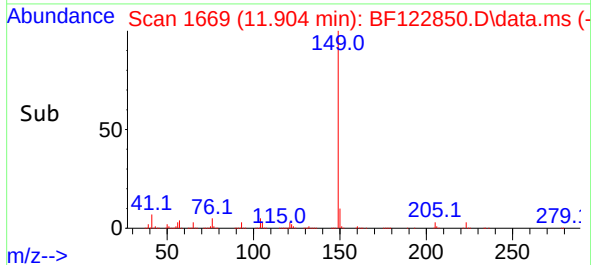
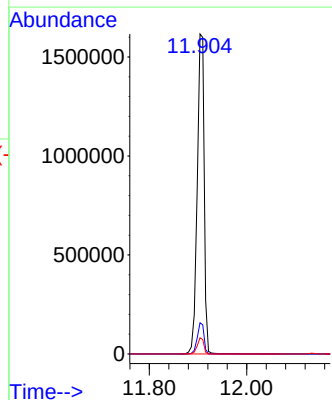


#74
Di-n-butylphthalate
Concen: 40.86 ng
RT: 11.904 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion:149 Resp: 1622175

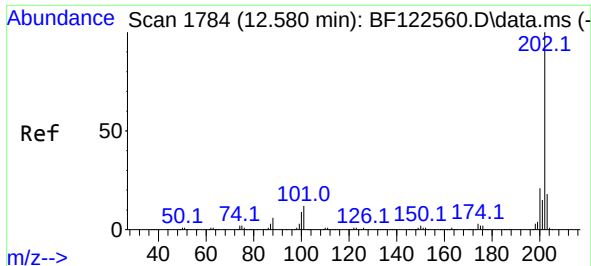
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.0	4.2	6.4



Instrument :
BNA_F
ClientSampleId :
PB133772BS

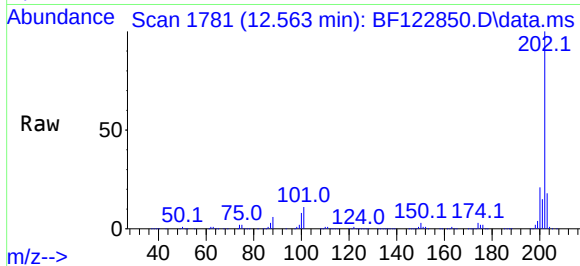
Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



#75
Fluoranthene
Concen: 40.97 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

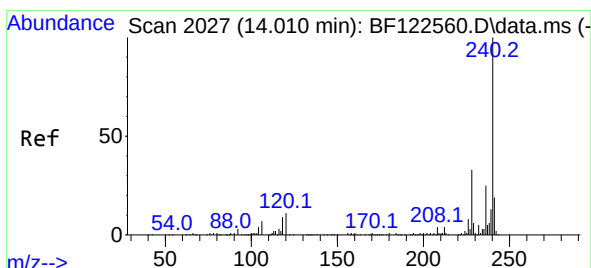
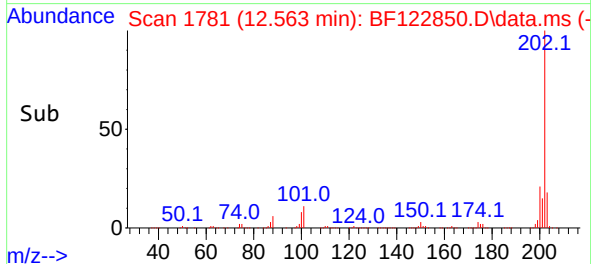
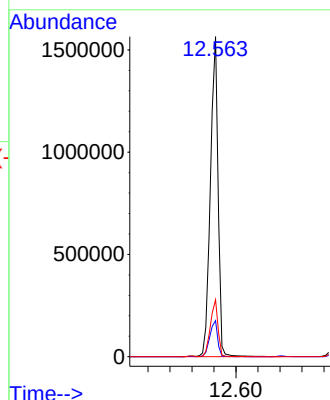
Instrument :
BNA_F
ClientSampleId :
PB133772BS



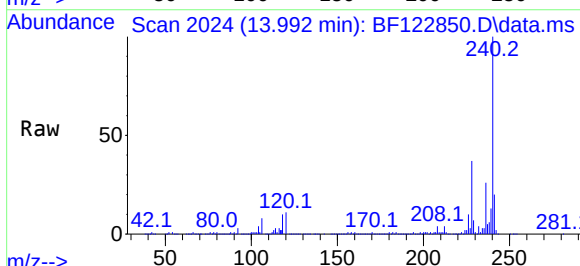
Tgt Ion:202 Resp: 1509419
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.2
203 17.8 0.0 38.1

Manual Integrations
APPROVED

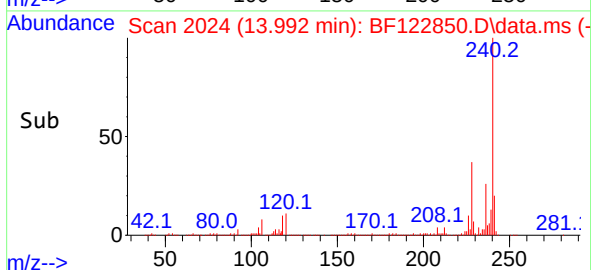
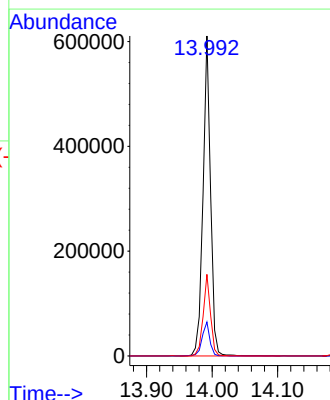
mohammad
12/28/2020 11:07:20 PM

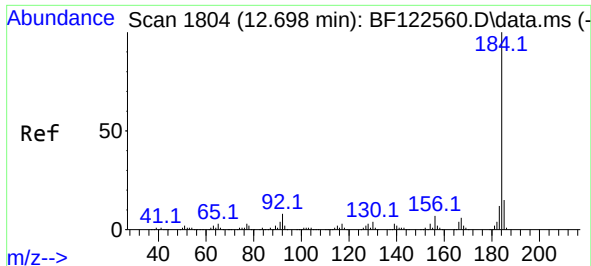


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

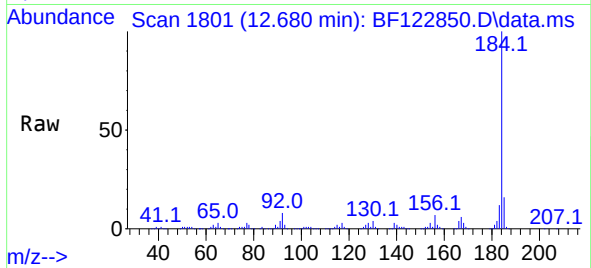


Tgt Ion:240 Resp: 489202
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 25.5 20.3 30.5

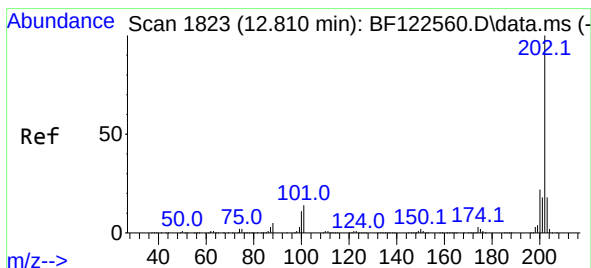
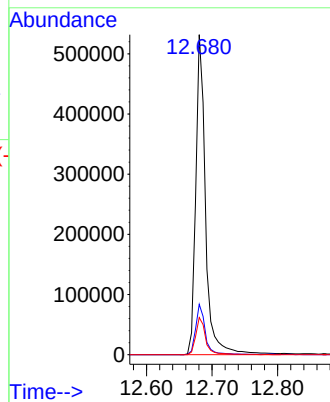
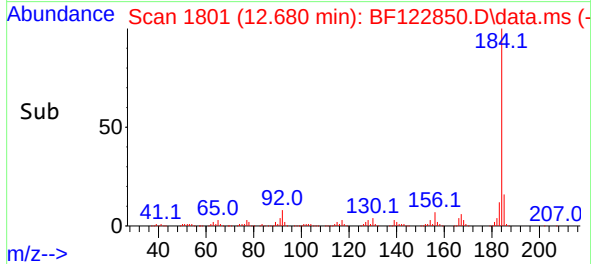




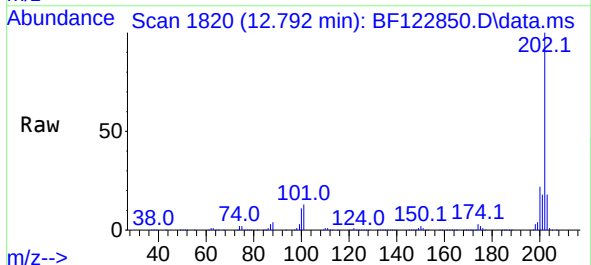
#77
Benzidine
Concen: 52.30 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



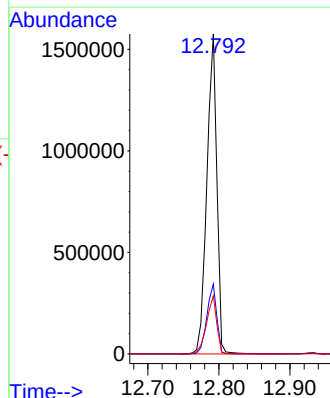
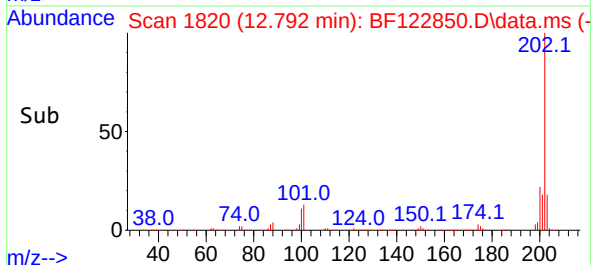
Tgt Ion:184 Resp: 553393
Ion Ratio Lower Upper
184 100
185 15.7 11.8 17.6
183 11.6 9.7 14.5



#78
Pyrene
Concen: 40.73 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



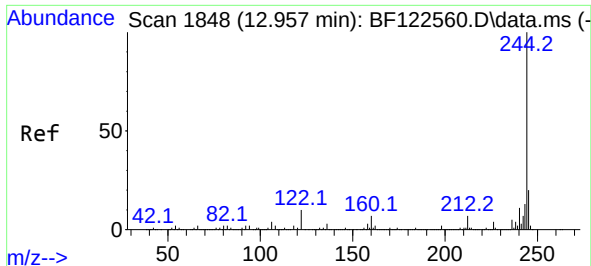
Tgt Ion:202 Resp: 1540703
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.1 14.6 21.8



Instrument :
BNA_F
ClientSampleId :
PB133772BS

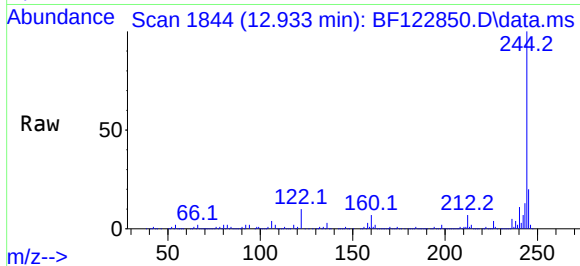
Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



#79
Terphenyl-d14
Concen: 65.07 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

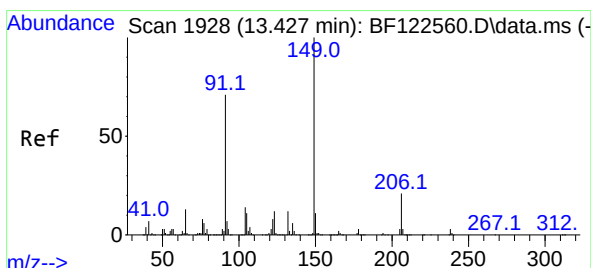
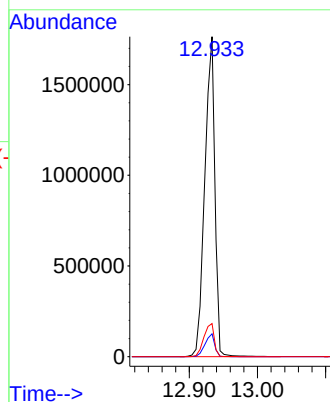
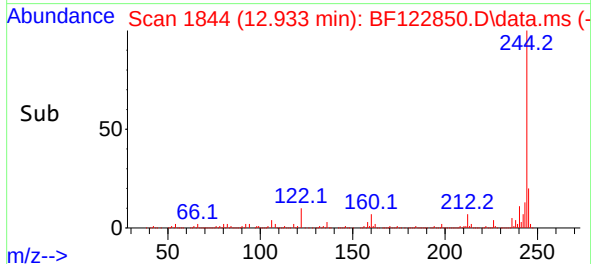
Instrument :
BNA_F
ClientSampled :
PB133772BS



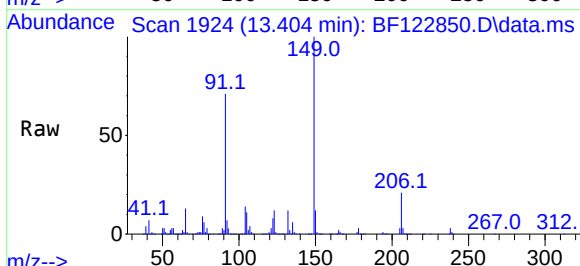
Tgt Ion:244 Resp: 1818448
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.3 8.3 12.5

Manual Integrations
APPROVED

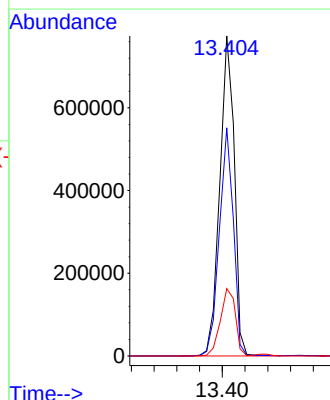
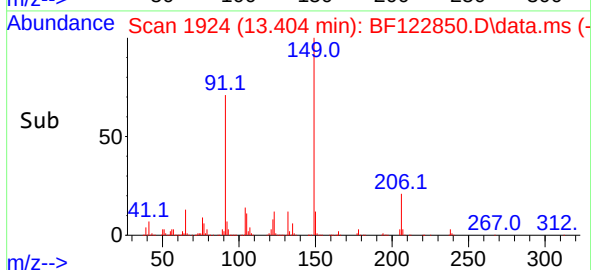
mohammad
12/28/2020 11:07:20 PM

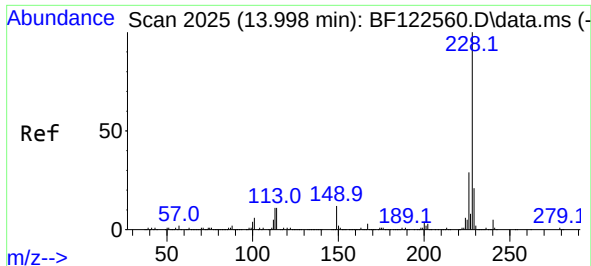


#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 13.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

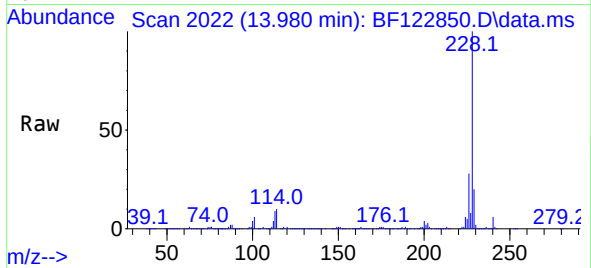


Tgt Ion:149 Resp: 690370
Ion Ratio Lower Upper
149 100
91 71.3 56.5 84.7
206 21.1 17.0 25.6

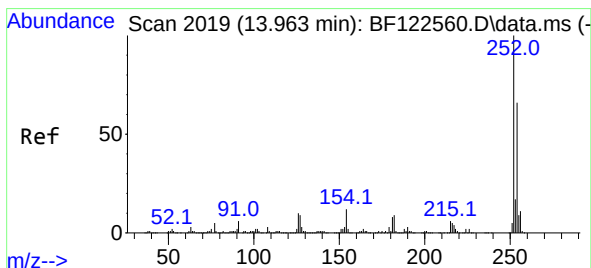
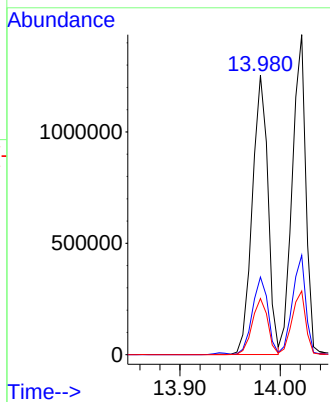
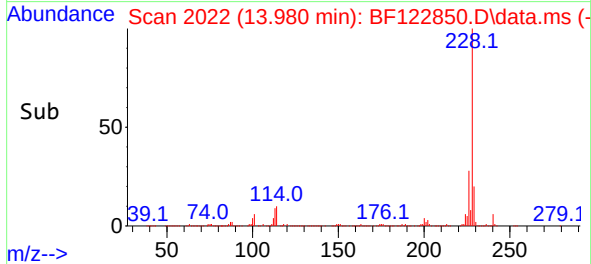




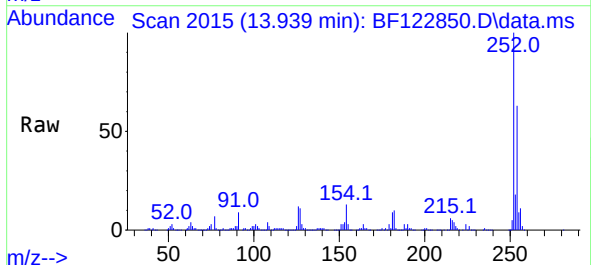
#81
Benzo(a)anthracene
Concen: 41.54 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



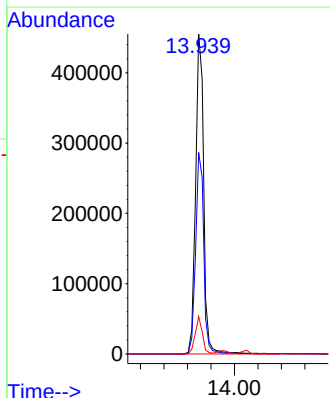
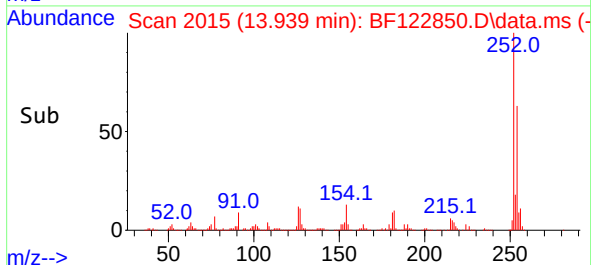
Tgt Ion:228 Resp: 1358209
Ion Ratio Lower Upper
228 100
226 27.8 23.0 34.4
229 20.1 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 36.88 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



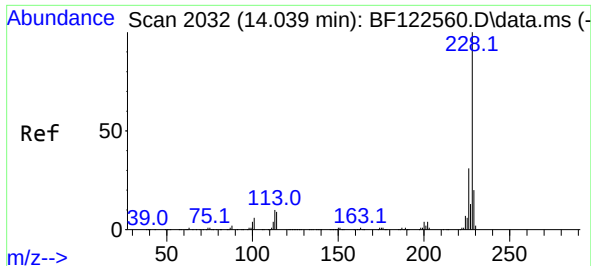
Tgt Ion:252 Resp: 431812
Ion Ratio Lower Upper
252 100
254 63.0 52.7 79.1
126 11.6 8.0 12.0



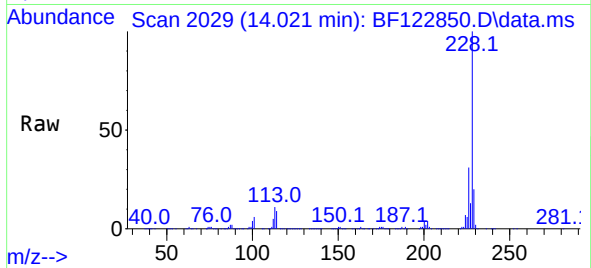
Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

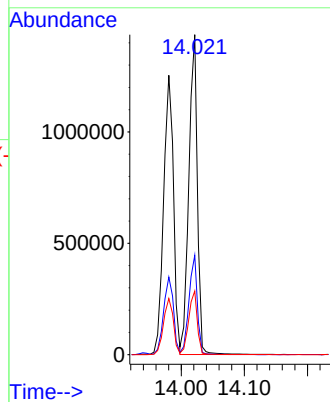
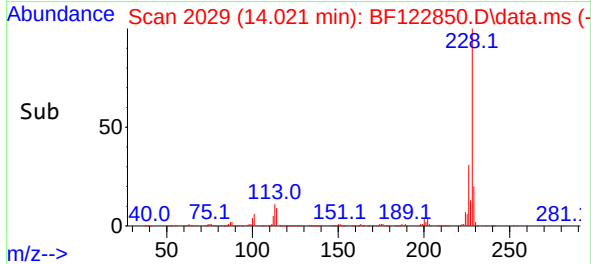
mohammad
12/28/2020 11:07:20 PM



#83
Chrysene
Concen: 41.63 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



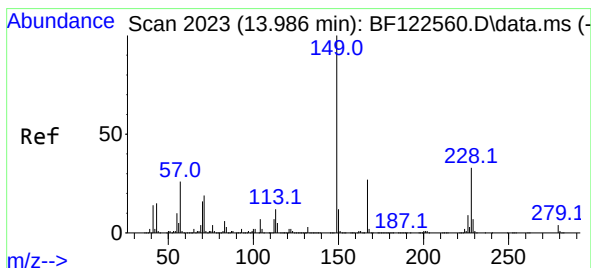
Tgt Ion:228 Resp: 1354396
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 19.9 15.8 23.6



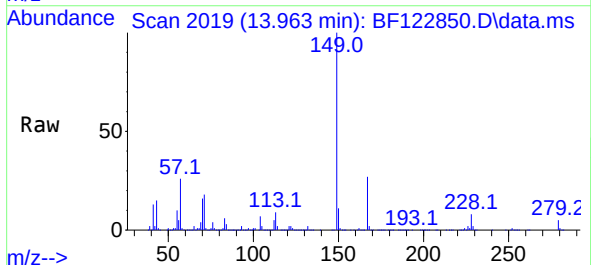
Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

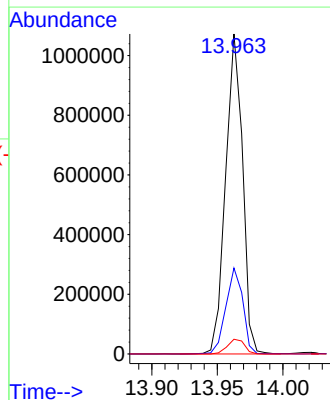
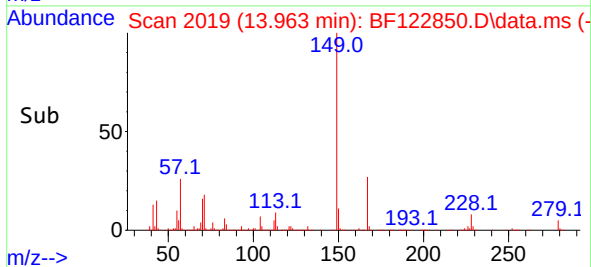
mohammad
12/28/2020 11:07:20 PM

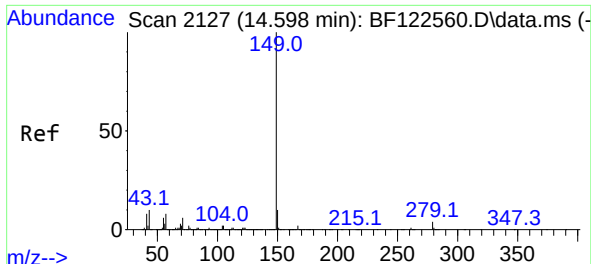


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.28 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion:149 Resp: 963058
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.6 3.4 5.0





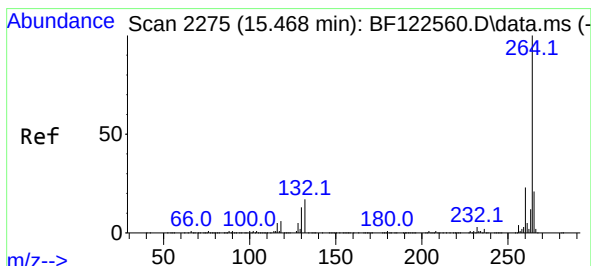
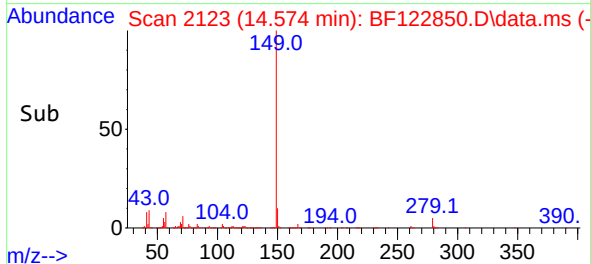
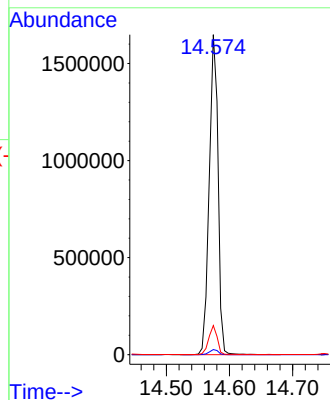
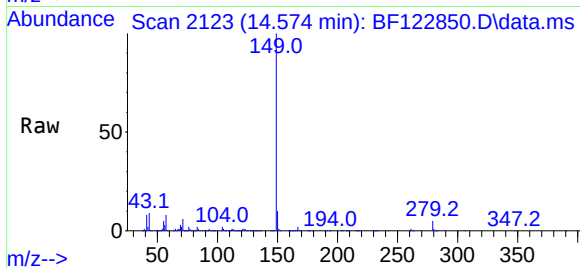
#85
Di-n-octyl phthalate
Concen: 41.54 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:149 Resp: 1607472
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.6 11.4

Instrument :
BNA_F
ClientSampleId :
PB133772BS

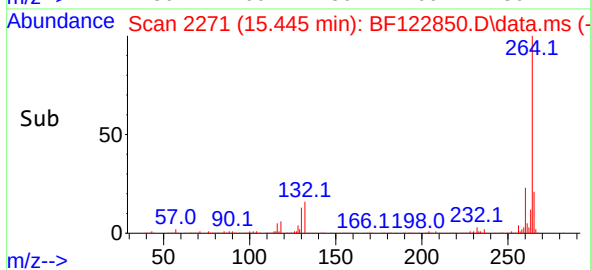
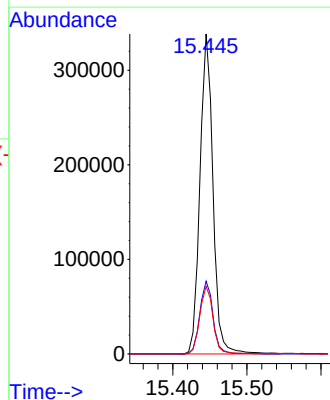
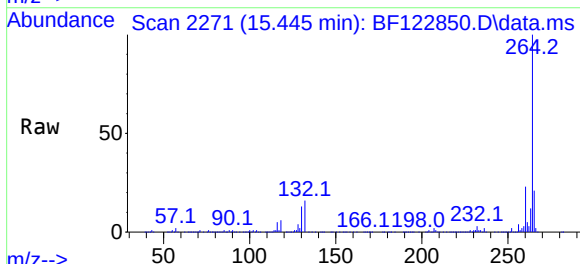
Manual Integrations
APPROVED

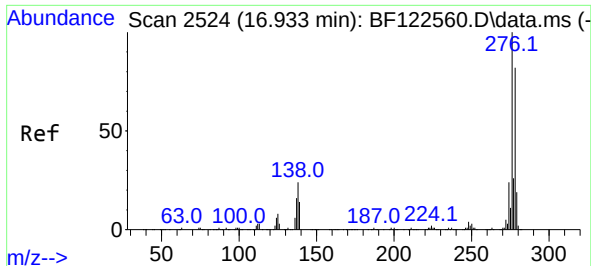
mohammad
12/28/2020 11:07:20 PM



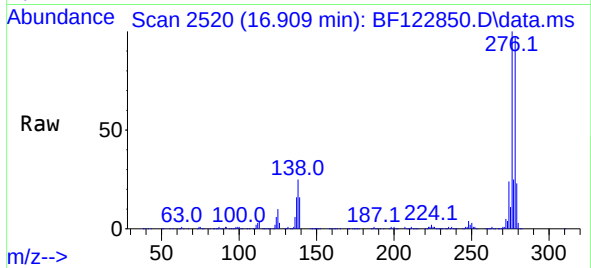
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:264 Resp: 412169
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.2 17.0 25.6



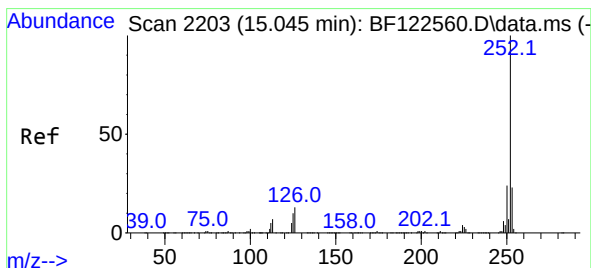
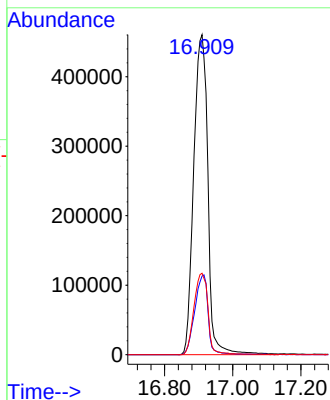
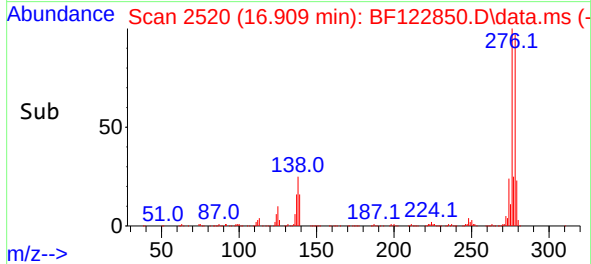


#87
Indeno(1,2,3-cd)pyrene
Concen: 49.01 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

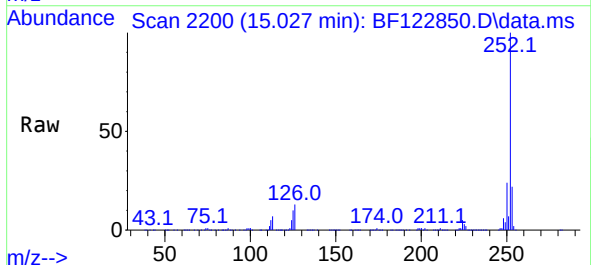


Tgt Ion: 276 Resp: 1325984

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.7	28.1
277	25.2	20.2	30.4

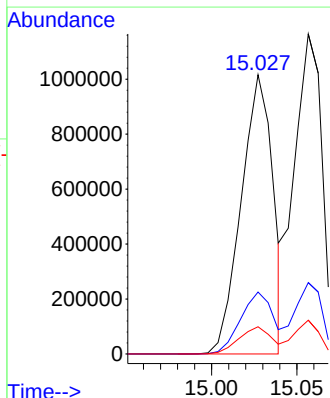
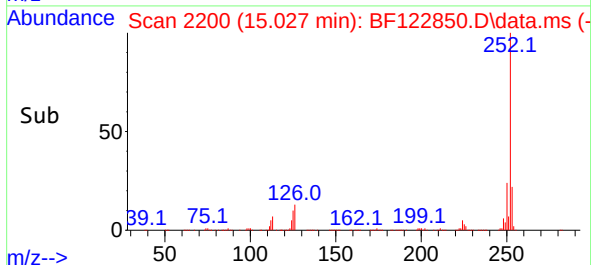


#88
Benzo(b)fluoranthene
Concen: 45.64 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion: 252 Resp: 1319949

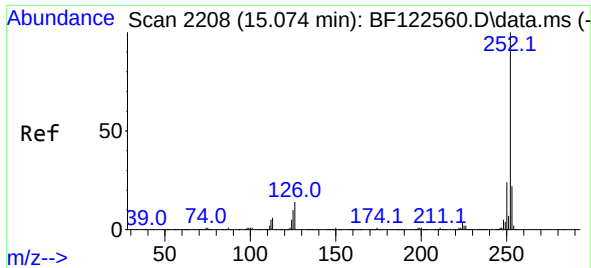
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	9.8	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM



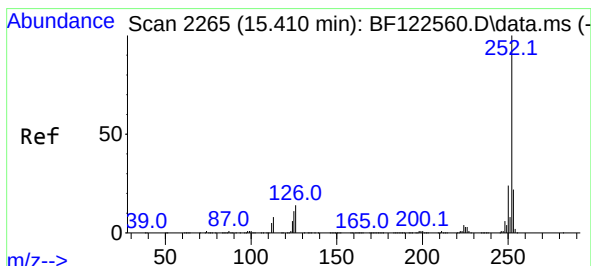
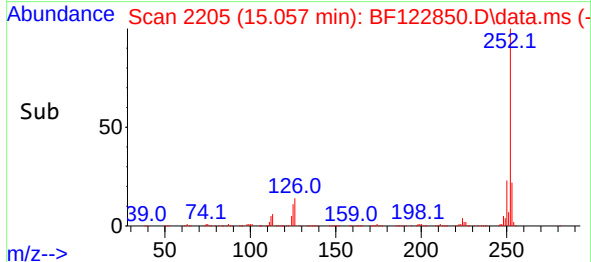
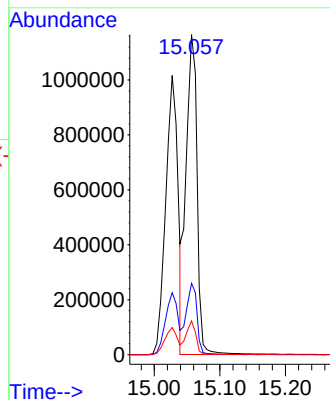
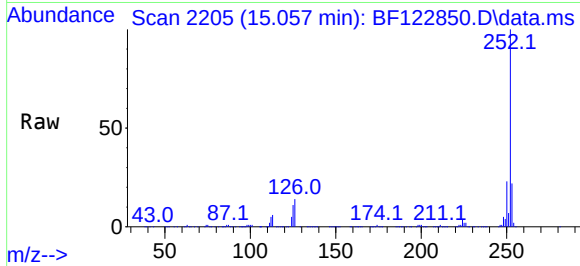
#89
Benzo(k)fluoranthene
Concen: 51.16 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:252 Resp: 1352715
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.5 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
PB133772BS

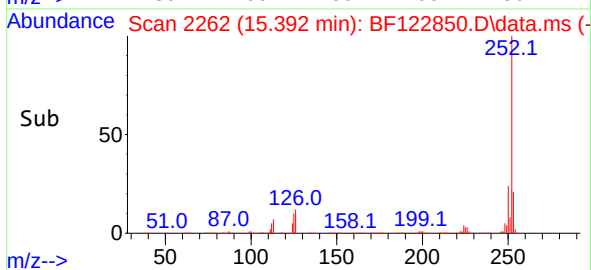
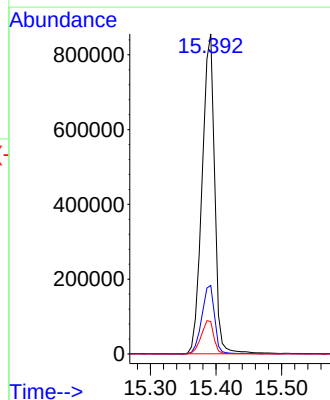
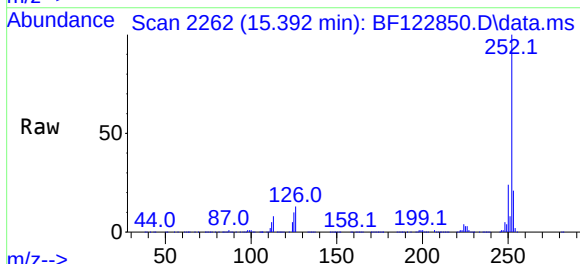
Manual Integrations
APPROVED

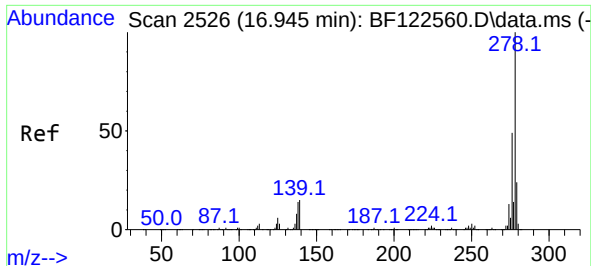
mohammad
12/28/2020 11:07:20 PM



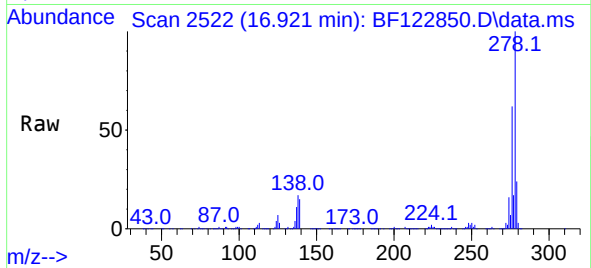
#90
Benzo(a)pyrene
Concen: 45.21 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40

Tgt Ion:252 Resp: 1143700
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.2 8.6 12.8

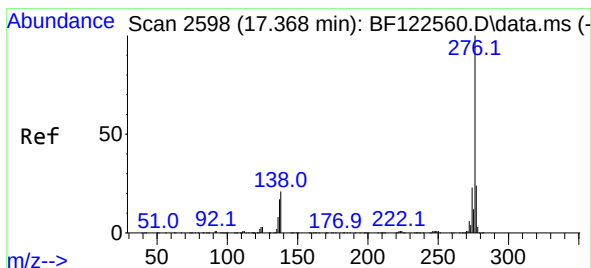
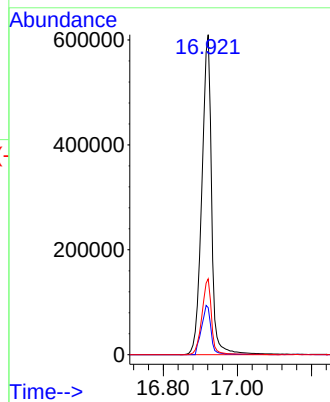
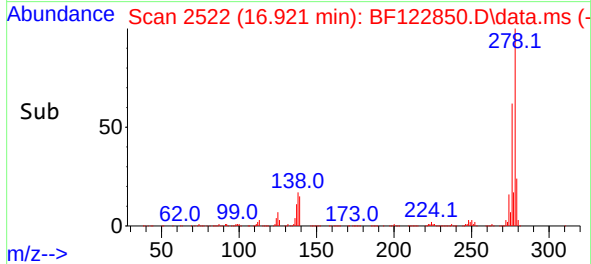




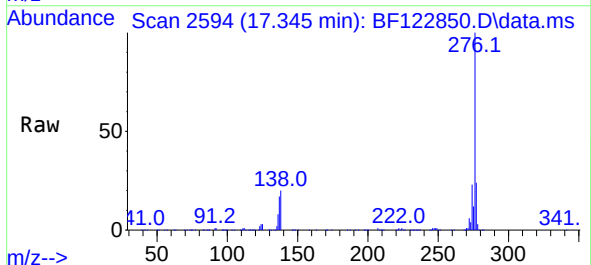
#91
Dibenzo(a,h)anthracene
Concen: 50.32 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.018 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



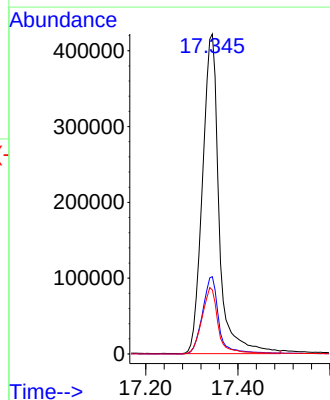
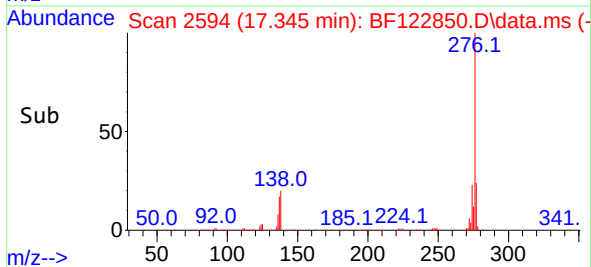
Tgt Ion:278 Resp: 1114268
Ion Ratio Lower Upper
278 100
139 14.7 12.0 18.0
279 23.7 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 49.67 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF122850.D
Acq: 24 Dec 2020 10:40



Tgt Ion:276 Resp: 1064563
Ion Ratio Lower Upper
276 100
277 24.2 19.3 28.9
138 20.0 16.6 24.8



Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations
APPROVED

mohammad
12/28/2020 11:07:20 PM