

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092221\  
 Data File : BF125553.D  
 Acq On : 22 Sep 2021 11:43  
 Operator : JU/CG  
 Sample : PB139236BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139236BS

Manual Integrations  
 APPROVED

mohammad  
 9/23/2021 1:20:30 PM

Quant Time: Sep 22 12:17:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	281041	20.000	ng	0.00	
21) Naphthalene-d8	8.181	136	1183427	20.000	ng	# 0.00	
39) Acenaphthene-d10	9.939	164	628720	20.000	ng	0.00	
64) Phenanthrene-d10	11.428	188	1038668	20.000	ng	0.00	
76) Chrysene-d12	14.063	240	599293	20.000	ng	0.00	
86) Perylene-d12	15.539	264	477800	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2088660	117.524	ng	0.02	
7) Phenol-d6	6.528	99	2563745	111.885	ng	0.00	
23) Nitrobenzene-d5	7.463	82	1627521	87.717	ng	0.00	
42) 2,4,6-Tribromophenol	10.733	330	747980	121.463	ng	0.00	
45) 2-Fluorobiphenyl	9.263	172	2969108	85.570	ng	0.00	
79) Terphenyl-d14	13.010	244	2839053	76.499	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.799	88	253834	35.425	ng	# 100	Qvalue
3) Pyridine	3.540	79	589723	30.714	ng	# 73	
4) n-Nitrosodimethylamine	3.499	42	324481	42.848	ng	# 6	
6) Aniline	6.563	93	1091540	41.377	ng	95	
8) 2-Chlorophenol	6.687	128	918854	45.276	ng	98	
9) Benzaldehyde	6.451	77	489238	45.086	ng	93	
10) Phenol	6.540	94	978481m	41.953	ng		
11) bis(2-Chloroethyl)ether	6.634	93	846988	45.424	ng	99	
12) 1,3-Dichlorobenzene	6.840	146	934862	42.860	ng	97	
13) 1,4-Dichlorobenzene	6.916	146	953174	43.232	ng	97	
14) 1,2-Dichlorobenzene	7.069	146	929425	45.136	ng	99	
15) Benzyl Alcohol	7.040	79	697599	42.542	ng	93	
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1114765	43.450	ng	89	
17) 2-Methylphenol	7.145	107	717988	44.322	ng	97	
18) Hexachloroethane	7.416	117	347548	44.273	ng	90	
19) n-Nitroso-di-n-propyla...	7.316	70	573229	41.798	ng	# 70	
20) 3+4-Methylphenols	7.298	107	834616	41.436	ng	93	
22) Acetophenone	7.310	105	1174079	42.879	ng	# 91	
24) Nitrobenzene	7.481	77	852684	43.368	ng	95	
25) Isophorone	7.722	82	1616718	40.490	ng	93	
26) 2-Nitrophenol	7.798	139	467145	52.765	ng	# 94	
27) 2,4-Dimethylphenol	7.834	122	826273	46.567	ng	97	
28) bis(2-Chloroethoxy)met...	7.928	93	1047879	45.678	ng	97	
29) 2,4-Dichlorophenol	8.034	162	753934	42.031	ng	96	
30) 1,2,4-Trichlorobenzene	8.122	180	807521	42.716	ng	96	
31) Naphthalene	8.204	128	2511511	41.323	ng	98	
32) Benzoic acid	7.963	122	573254	53.209	ng	99	
33) 4-Chloroaniline	8.245	127	812692	32.622	ng	99	
34) Hexachlorobutadiene	8.322	225	448306	42.056	ng	100	
35) Caprolactam	8.628	113	217409m	44.195	ng		
36) 4-Chloro-3-methylphenol	8.728	107	742318	42.128	ng	98	
37) 2-Methylnaphthalene	8.898	142	1713195	41.616	ng	98	
38) 1-Methylnaphthalene	8.998	142	1581414	40.942	ng	99	
40) 1,2,4,5-Tetrachloroben...	9.063	216	684557	40.438	ng	99	
41) Hexachlorocyclopentadiene	9.051	237	847535	89.524	ng	98	
43) 2,4,6-Trichlorophenol	9.169	196	539929	42.331	ng	97	

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092221\  
 Data File : BF125553.D  
 Acq On : 22 Sep 2021 11:43  
 Operator : JU/CG  
 Sample : PB139236BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 PB139236BS

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

Quant Time: Sep 22 12:17:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	562229	42.003	ng	92
46) 1,1'-Biphenyl	9.363	154	1886142	39.816	ng	95
47) 2-Chloronaphthalene	9.386	162	1594342	40.521	ng	99
48) 2-Nitroaniline	9.475	65	428830	51.077	ng	96
49) Acenaphthylene	9.804	152	2357429	40.769	ng	95
50) Dimethylphthalate	9.663	163	1838752	42.495	ng	97
51) 2,6-Dinitrotoluene	9.722	165	409785	47.601	ng	95
52) Acenaphthene	9.975	154	1610335	44.117	ng	97
53) 3-Nitroaniline	9.886	138	358515	39.212	ng	88
54) 2,4-Dinitrophenol	9.992	184	385836	124.406	ng #	82
55) Dibenzofuran	10.151	168	2121198	39.160	ng	97
56) 4-Nitrophenol	10.045	139	700931	94.505	ng	88
57) 2,4-Dinitrotoluene	10.128	165	539477	52.291	ng #	80
58) Fluorene	10.492	166	1574939	37.805	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	427203	42.493	ng #	91
60) Diethylphthalate	10.363	149	1810332	42.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	737134	39.785	ng	91
62) 4-Nitroaniline	10.510	138	415350	50.270	ng #	76
63) Azobenzene	10.639	77	1636461	39.493	ng	87
65) 4,6-Dinitro-2-methylph...	10.533	198	247043	48.997	ng #	78
66) n-Nitrosodiphenylamine	10.598	169	1511125	40.073	ng	95
67) 4-Bromophenyl-phenylether	10.969	248	483868	40.765	ng	95
68) Hexachlorobenzene	11.039	284	560428	41.895	ng #	84
69) Atrazine	11.128	200	475273	46.867	ng	94
70) Pentachlorophenol	11.228	266	617653	80.985	ng	97
71) Phenanthrene	11.451	178	2282429	39.120	ng	94
72) Anthracene	11.504	178	2340132	40.238	ng	95
73) Carbazole	11.651	167	2177319	39.584	ng	98
74) Di-n-butylphthalate	11.986	149	2615303	40.063	ng	98
75) Fluoranthene	12.639	202	2261407	39.508	ng	96
77) Benzidine	12.751	184	995677	58.594	ng	98
78) Pyrene	12.869	202	2293404	40.836	ng #	94
80) Butylbenzylphthalate	13.486	149	1021267	45.003	ng	99
81) Benzo(a)anthracene	14.057	228	1627442	39.893	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	589192	47.137	ng	96
83) Chrysene	14.092	228	1668443	40.486	ng	95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1239158	44.667	ng	99
85) Di-n-octyl phthalate	14.657	149	2018588	43.761	ng #	90
87) Indeno(1,2,3-cd)pyrene	17.039	276	1592400	46.427	ng	97
88) Benzo(b)fluoranthene	15.110	252	1547423	44.283	ng	98
89) Benzo(k)fluoranthene	15.139	252	1493250m	46.725	ng	
90) Benzo(a)pyrene	15.480	252	1446291	47.554	ng	96
91) Dibenzo(a,h)anthracene	17.057	278	1344229	46.242	ng	97
92) Benzo(g,h,i)perylene	17.492	276	1339971	46.704	ng	92

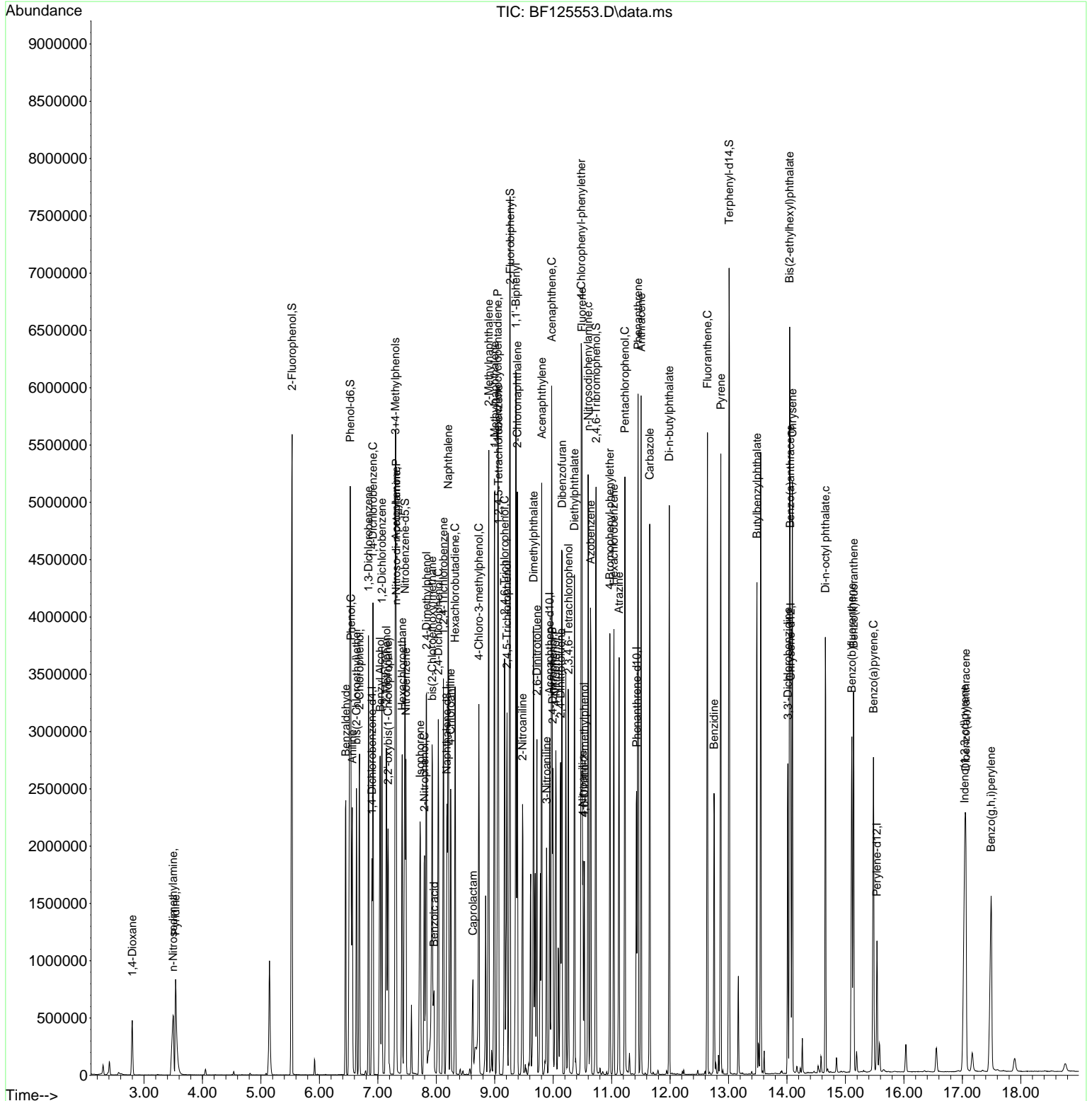
(#) = qualifier out of range (m) = manual integration (+) = signals summed

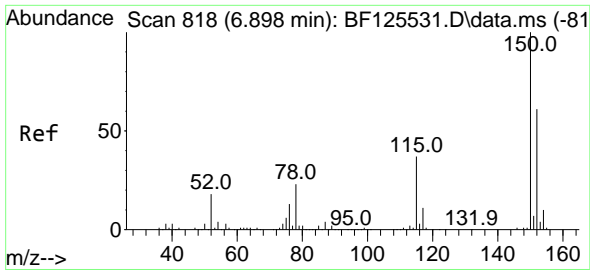
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092221\  
 Data File : BF125553.D  
 Acq On : 22 Sep 2021 11:43  
 Operator : JU/CG  
 Sample : PB139236BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 Client Sampled :  
 PB139236BS

Manual Integrations  
 APPROVED  
 mohammad  
 9/23/2021 1:20:30 PM

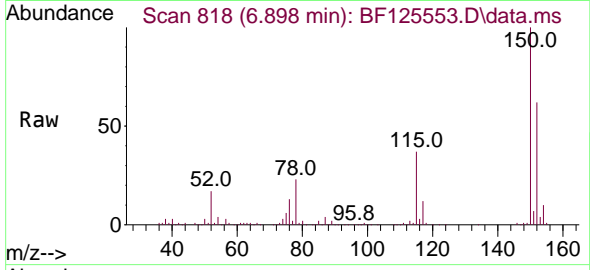
Quant Time: Sep 22 12:17:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 19:21:36 2021  
 Response via : Initial Calibration





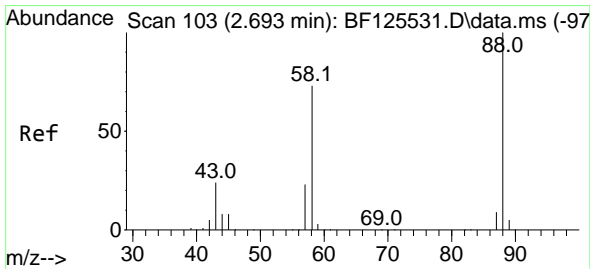
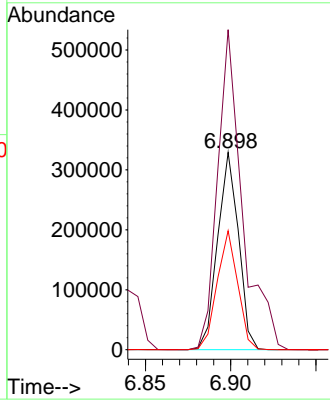
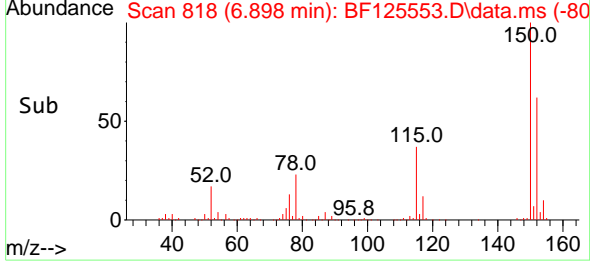
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 818  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

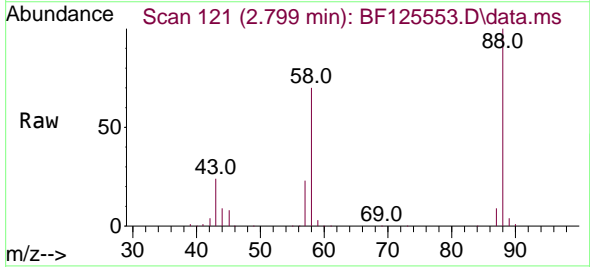


Tgt Ion: 152 Resp: 281041  
 Ion Ratio Lower Upper  
 152 100  
 150 162.3 117.6 176.4  
 115 60.2 47.1 70.7

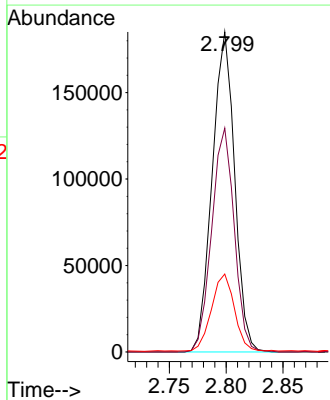
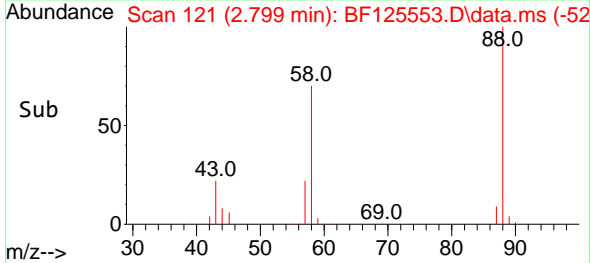
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

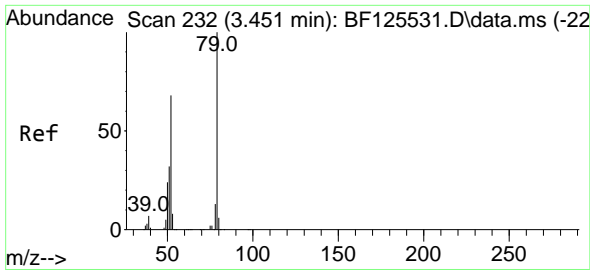


#2  
 1,4-Dioxane  
 Concen: 35.425 ng  
 RT: 2.799 min Scan# 121  
 Delta R.T. 0.106 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



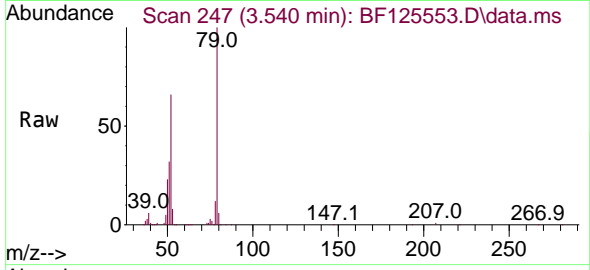
Tgt Ion: 88 Resp: 253834  
 Ion Ratio Lower Upper  
 88 100  
 58 70.4 0.0 0.0#  
 43 24.5 0.0 0.0#





#3  
 Pyridine  
 Concen: 30.714 ng  
 RT: 3.540 min Scan# 247  
 Delta R.T. 0.088 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

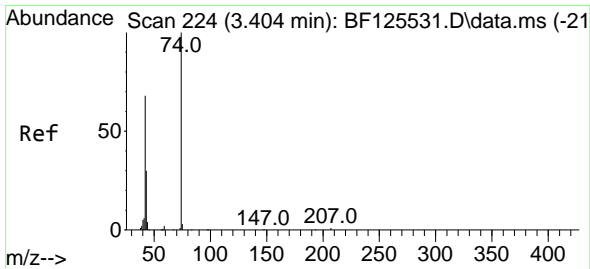
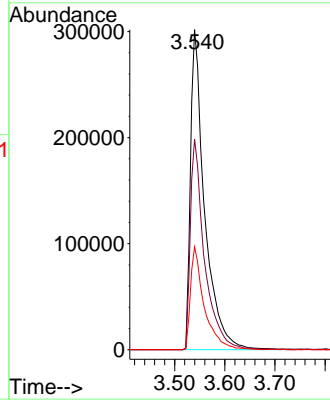
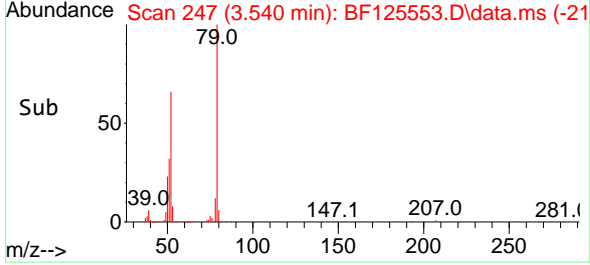
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB139236BS



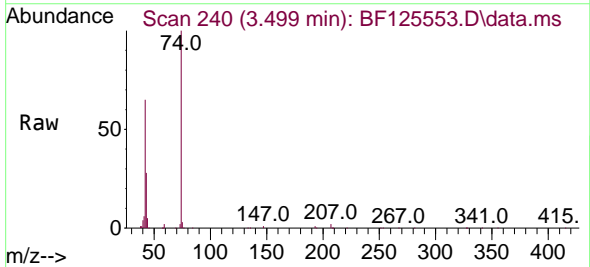
Tgt Ion: 79 Resp: 589723  
 Ion Ratio Lower Upper  
 79 100  
 52 65.8 70.3 105.5#  
 51 32.1 44.1 66.1#

Manual Integrations  
 APPROVED

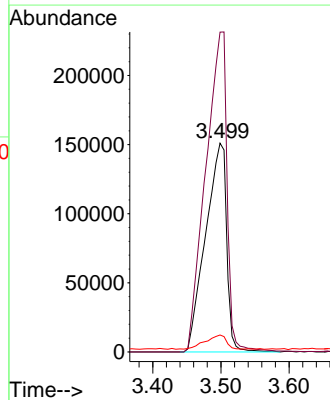
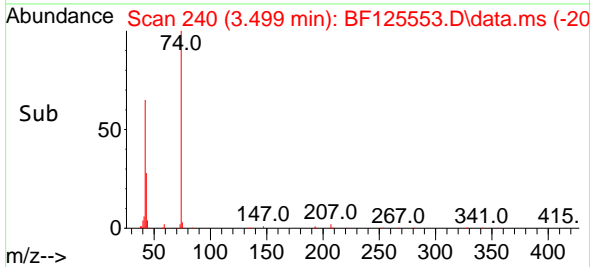
mohammad  
 9/23/2021 1:20:30 PM

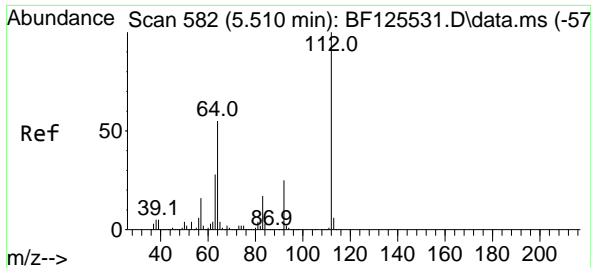


#4  
 n-Nitrosodimethylamine  
 Concen: 42.848 ng  
 RT: 3.499 min Scan# 240  
 Delta R.T. 0.094 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



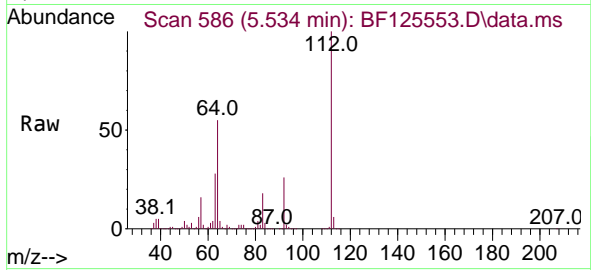
Tgt Ion: 42 Resp: 324481  
 Ion Ratio Lower Upper  
 42 100  
 74 153.2 59.0 88.6#  
 44 8.1 0.0 0.0#





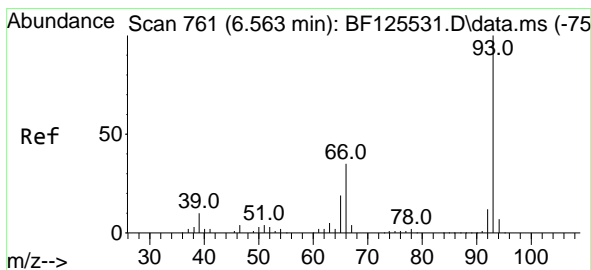
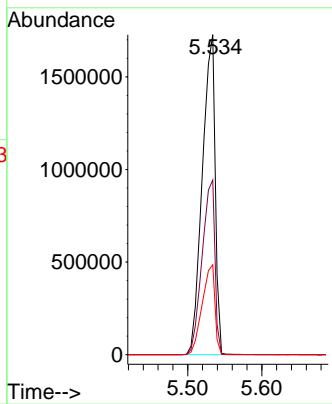
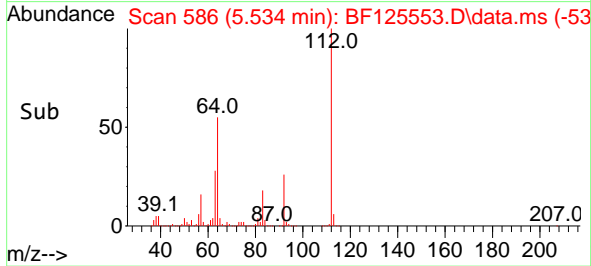
#5  
 2-Fluorophenol  
 Concen: 117.524 ng  
 RT: 5.534 min Scan# 586  
 Delta R.T. 0.024 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

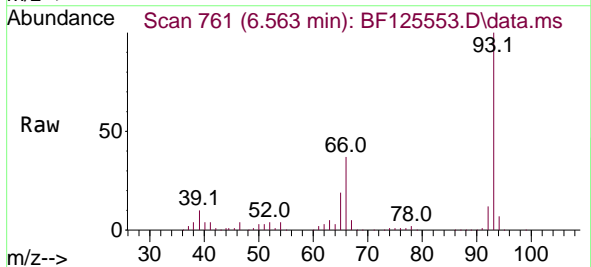


Tgt Ion: 112 Resp: 2088660  
 Ion Ratio Lower Upper  
 112 100  
 64 54.6 44.2 66.2  
 63 28.1 26.2 39.2

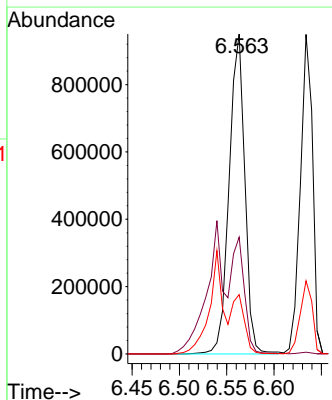
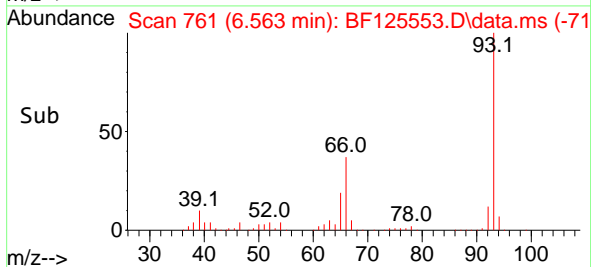
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

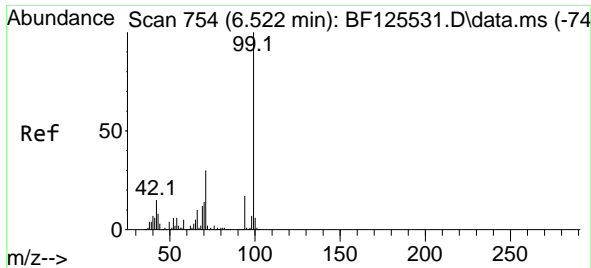


#6  
 Aniline  
 Concen: 41.377 ng  
 RT: 6.563 min Scan# 761  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 93 Resp: 1091540  
 Ion Ratio Lower Upper  
 93 100  
 66 36.5 32.7 49.1  
 65 18.5 14.2 21.4



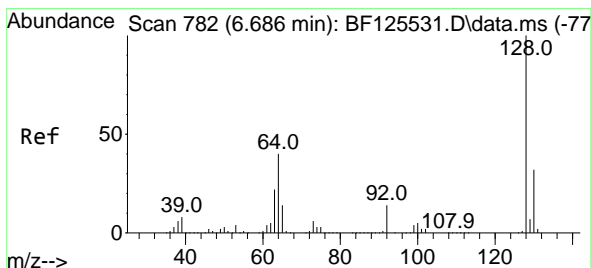
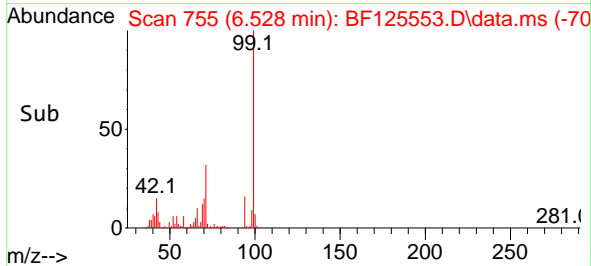
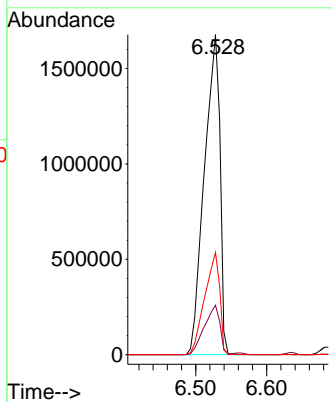
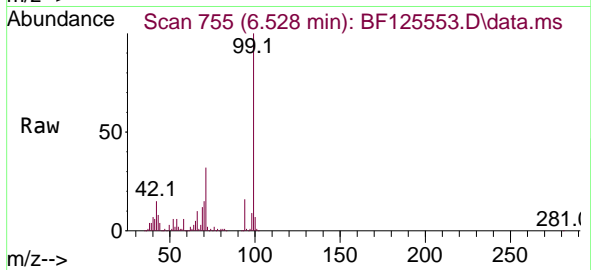


#7  
 Phenol-d6  
 Concen: 111.885 ng  
 RT: 6.528 min Scan# 755  
 Delta R.T. 0.006 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43

Tgt Ion	Resp	Lower	Upper
99	100		
42	15.4	23.5	35.3#
71	31.9	25.6	38.4

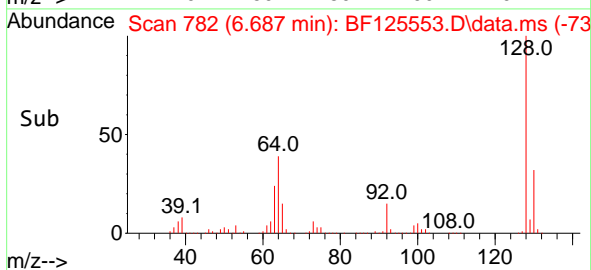
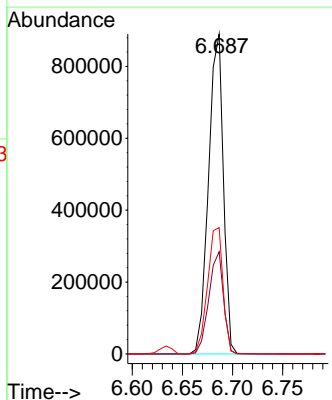
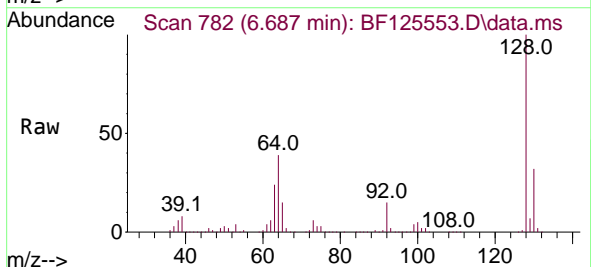
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

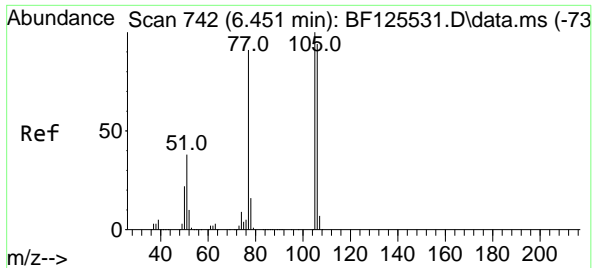
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM



#8  
 2-Chlorophenol  
 Concen: 45.276 ng  
 RT: 6.687 min Scan# 782  
 Delta R.T. 0.000 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43

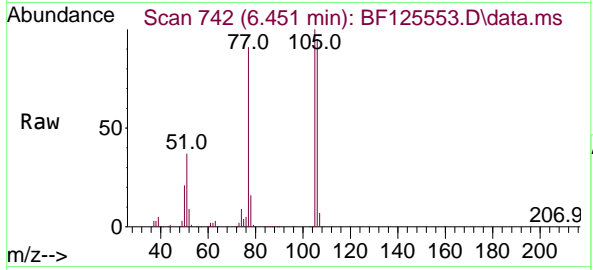
Tgt Ion	Resp	Lower	Upper
128	100		
130	32.0	10.5	50.5
64	39.5	20.3	60.3





#9  
Benzaldehyde  
Concen: 45.086 ng  
RT: 6.451 min Scan# 742  
Delta R.T. 0.000 min  
Lab File: BF125553.D  
Acq: 22 Sep 2021 11:43

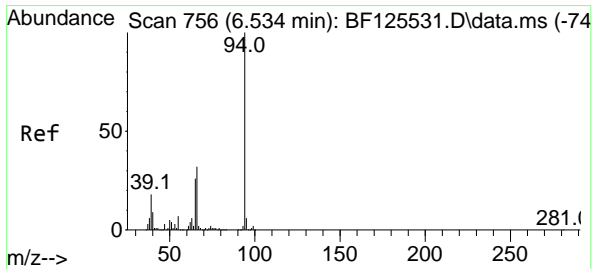
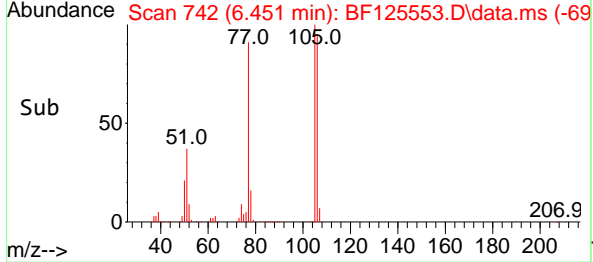
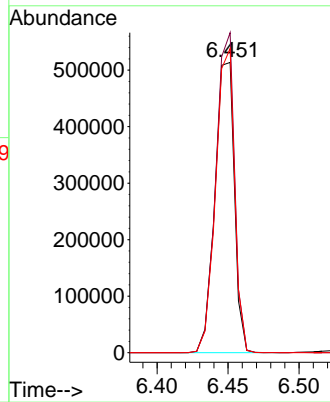
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB139236BS



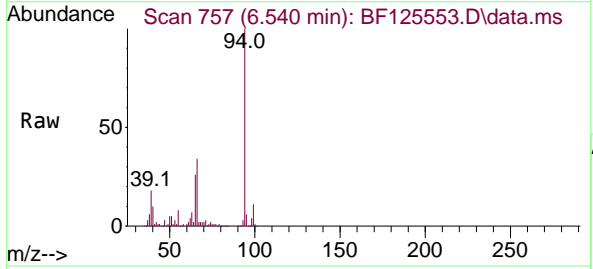
Tgt Ion: 77 Resp: 489238

Ion	Ratio	Lower	Upper
77	100		
105	110.2	75.9	115.9
106	104.8	84.0	124.0

**Manual Integrations**  
**APPROVED**  
mohammad  
9/23/2021 1:20:30 PM

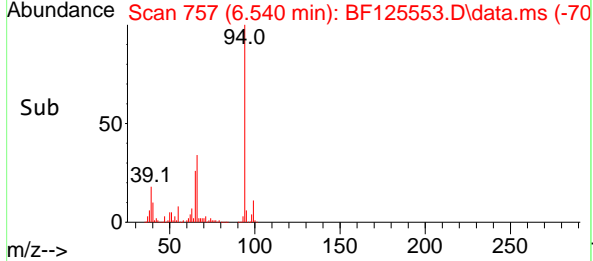
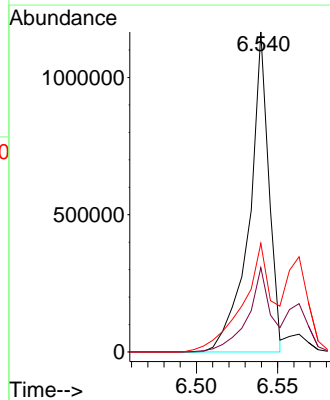


#10  
Phenol  
Concen: 41.953 ng m  
RT: 6.540 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: BF125553.D  
Acq: 22 Sep 2021 11:43

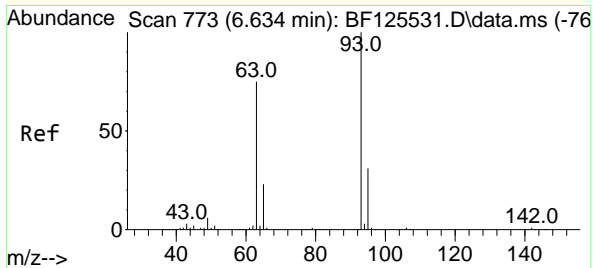


Tgt Ion: 94 Resp: 978481

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.3	49.3
66	34.0	20.3	60.3

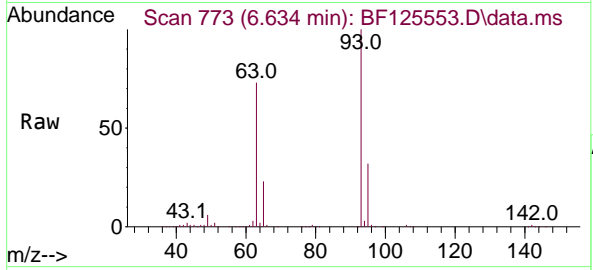






#11  
 bis(2-Chloroethyl)ether  
 Concen: 45.424 ng  
 RT: 6.634 min Scan# 773  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

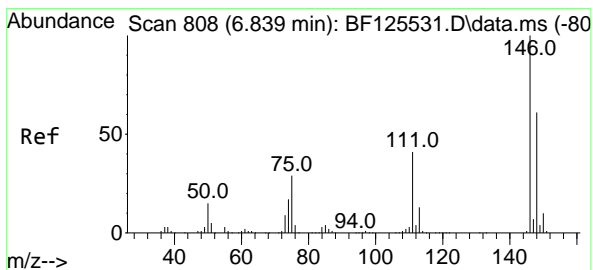
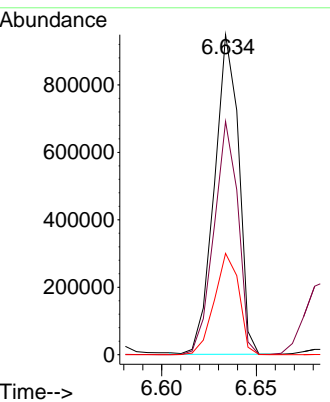
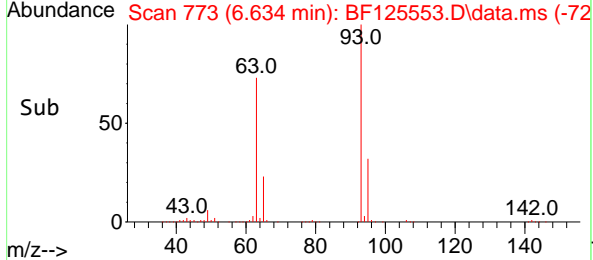
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



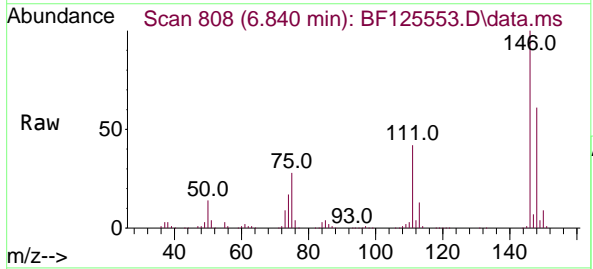
Tgt Ion: 93 Resp: 846988

Ion	Ratio	Lower	Upper
93	100		
63	72.9	54.4	94.4
95	31.6	11.4	51.4

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

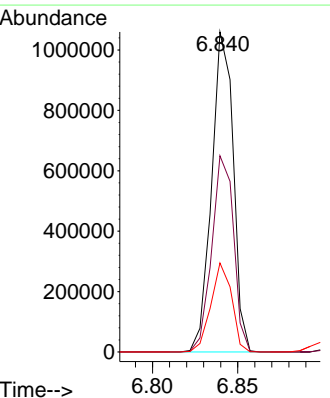
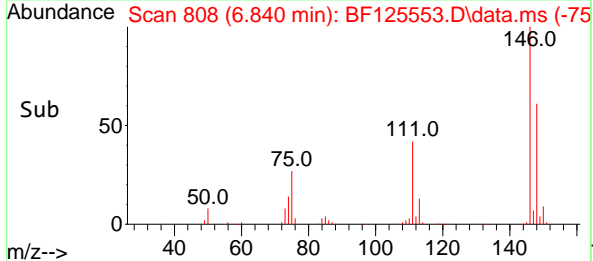


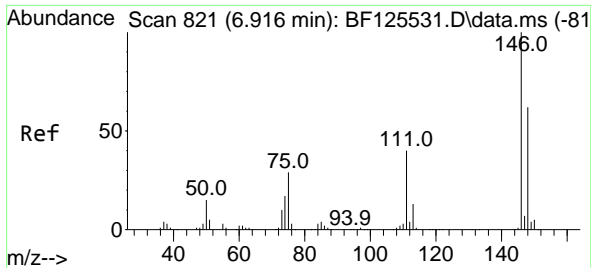
#12  
 1,3-Dichlorobenzene  
 Concen: 42.860 ng  
 RT: 6.840 min Scan# 808  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 146 Resp: 934862

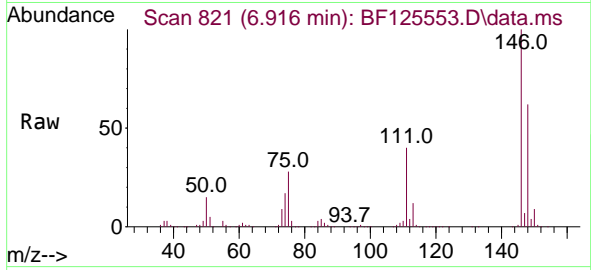
Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.7	74.5
75	27.8	25.2	37.8





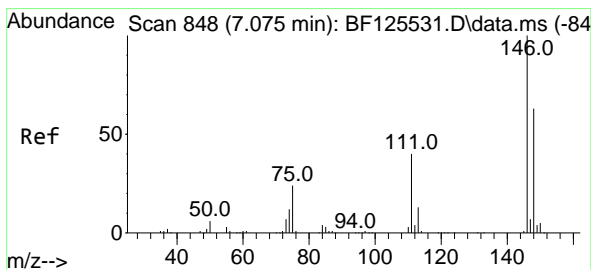
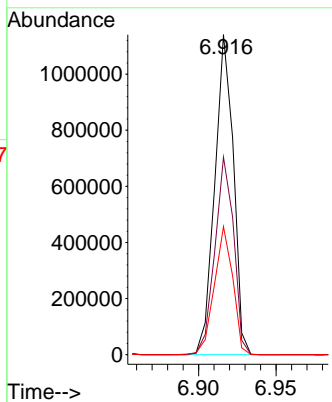
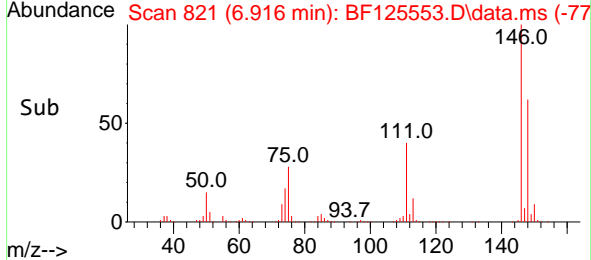
#13  
 1,4-Dichlorobenzene  
 Concen: 43.232 ng  
 RT: 6.916 min Scan# 821  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

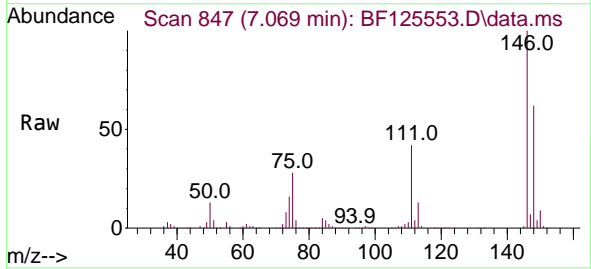


Tgt Ion:146 Resp: 953174  
 Ion Ratio Lower Upper  
 146 100  
 148 61.8 51.9 77.9  
 111 40.0 31.8 47.6

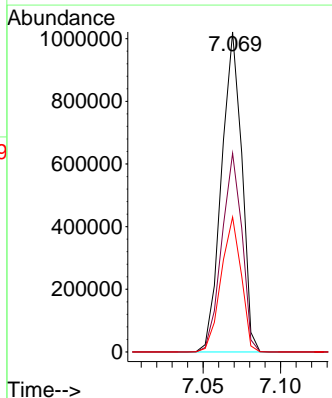
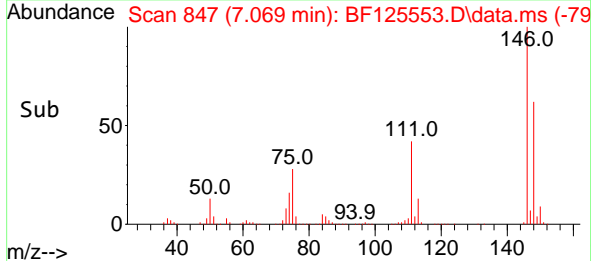
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

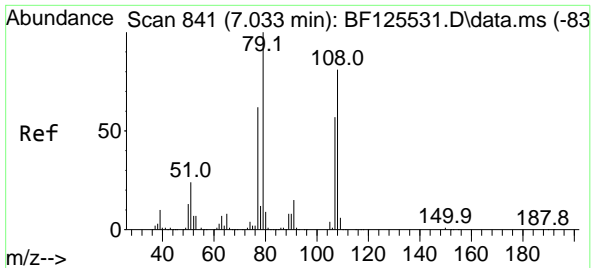


#14  
 1,2-Dichlorobenzene  
 Concen: 45.136 ng  
 RT: 7.069 min Scan# 847  
 Delta R.T. -0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



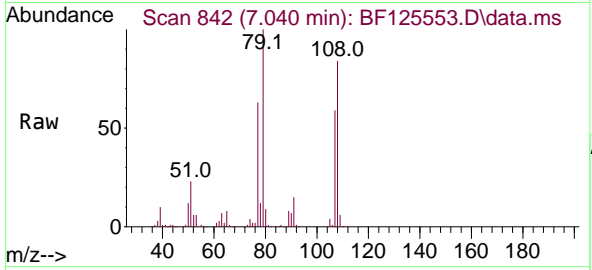
Tgt Ion:146 Resp: 929425  
 Ion Ratio Lower Upper  
 146 100  
 148 62.1 50.6 75.8  
 111 42.2 33.5 50.3





#15  
 Benzyl Alcohol  
 Concen: 42.542 ng  
 RT: 7.040 min Scan# 842  
 Delta R.T. 0.006 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43

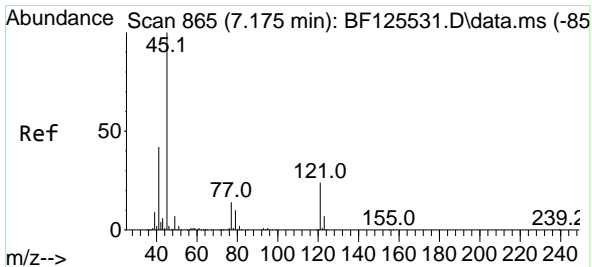
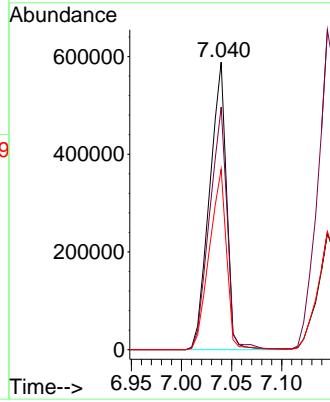
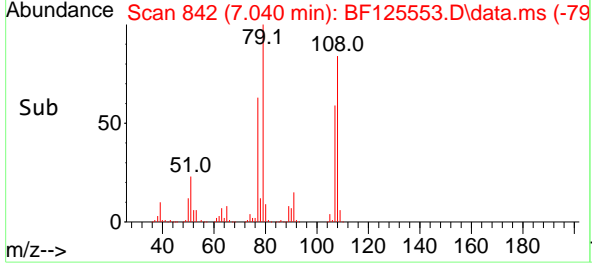
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB139236BS



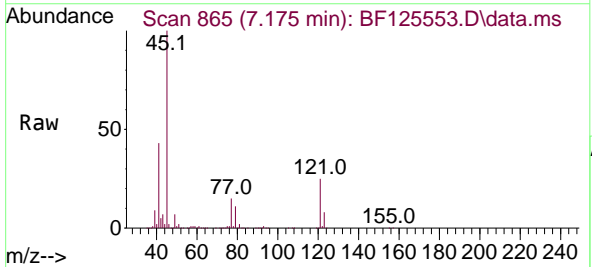
Tgt Ion: 79 Resp: 697599  
 Ion Ratio Lower Upper  
 79 100  
 108 84.4 60.4 90.6  
 77 62.8 51.5 77.3

Manual Integrations  
 APPROVED

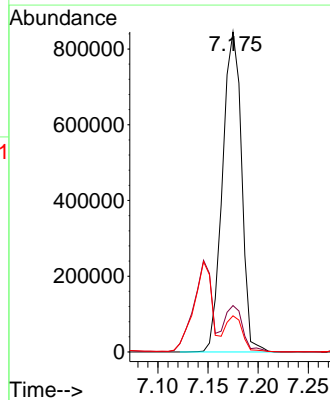
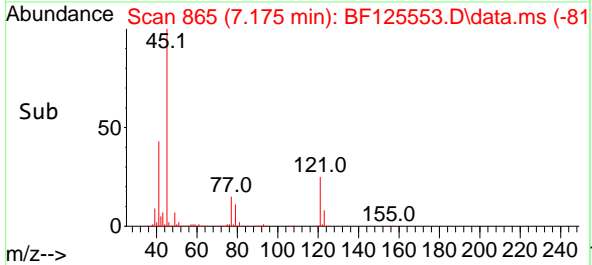
mohammad  
 9/23/2021 1:20:30 PM

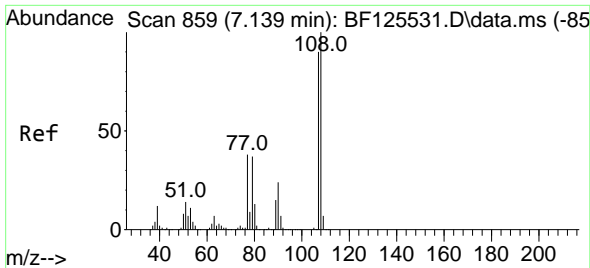


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 43.450 ng  
 RT: 7.175 min Scan# 865  
 Delta R.T. 0.000 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43



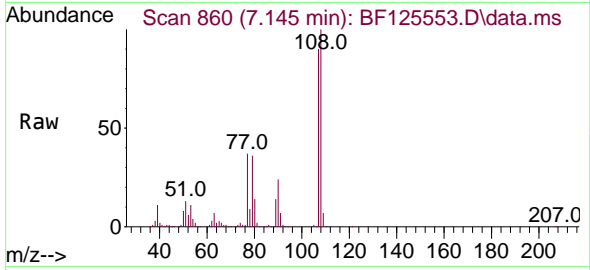
Tgt Ion: 45 Resp: 1114765  
 Ion Ratio Lower Upper  
 45 100  
 77 14.5 0.0 30.6  
 79 11.3 0.0 27.5





#17  
 2-Methylphenol  
 Concen: 44.322 ng  
 RT: 7.145 min Scan# 860  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

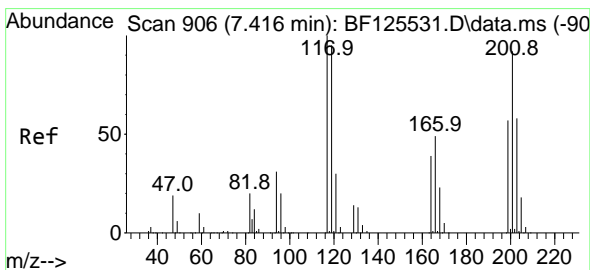
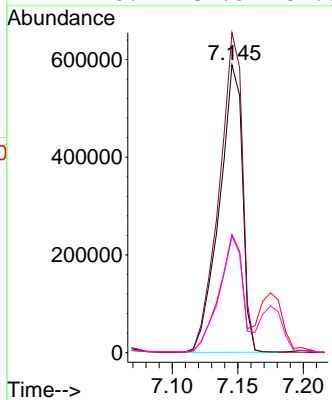
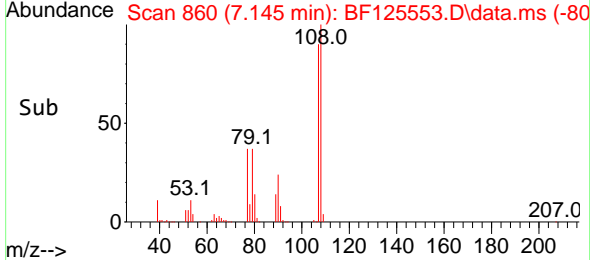
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



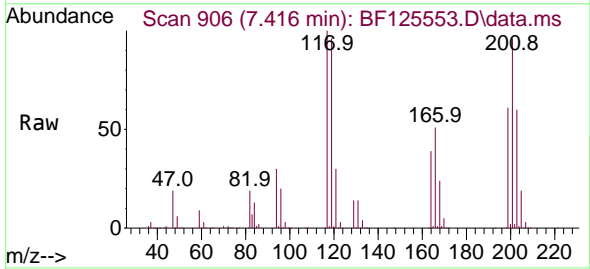
Tgt Ion:107 Resp: 717988

Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.6	135.8
77	41.1	35.7	53.5
79	40.4	34.0	51.0

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

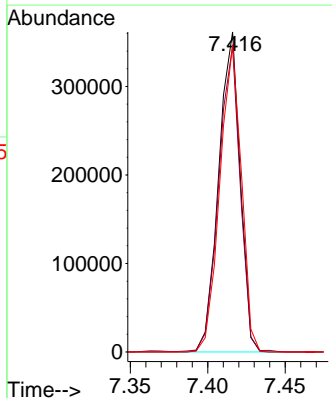
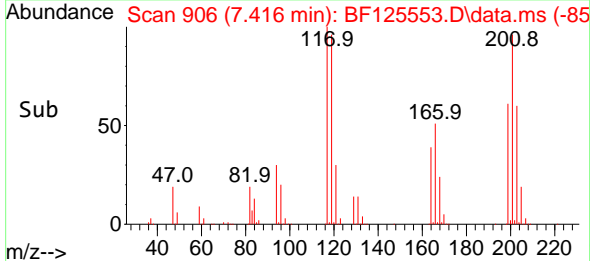


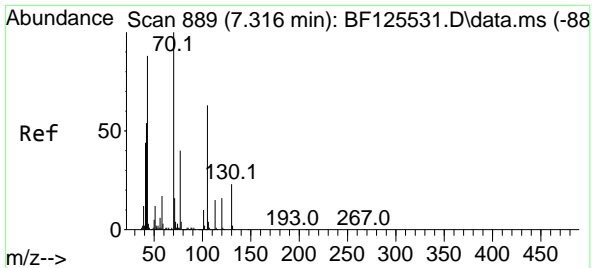
#18  
 Hexachloroethane  
 Concen: 44.273 ng  
 RT: 7.416 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:117 Resp: 347548

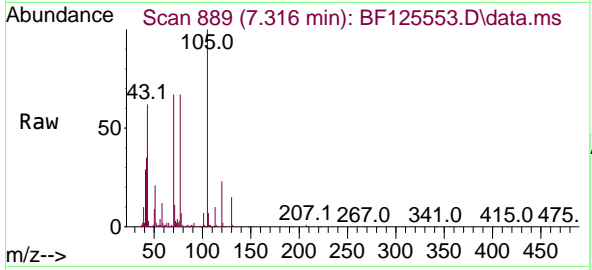
Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.4	110.2
201	96.0	64.9	97.3





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 41.798 ng  
 RT: 7.316 min Scan# 889  
 Delta R.T. 0.000 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43

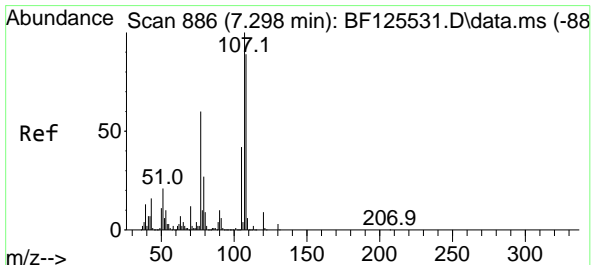
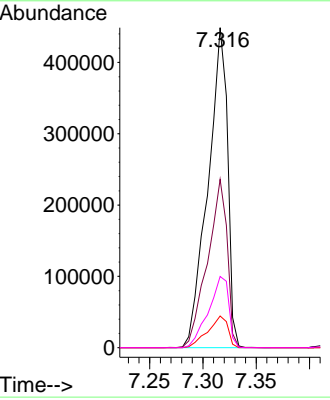
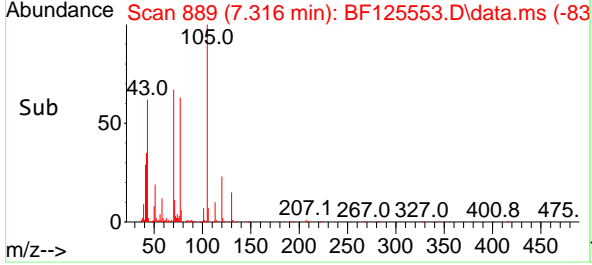
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB139236BS



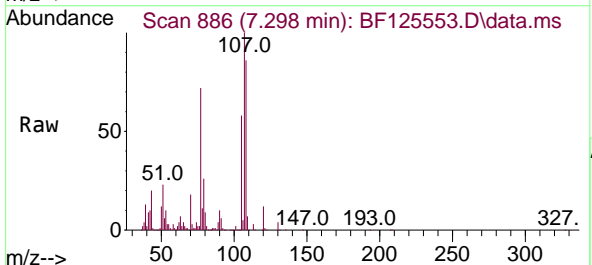
Tgt Ion: 70 Resp: 573229

Ion	Ratio	Lower	Upper
70	100		
42	52.6	72.2	108.2#
101	9.9	7.8	11.8
130	22.3	21.8	32.6

Manual Integrations  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

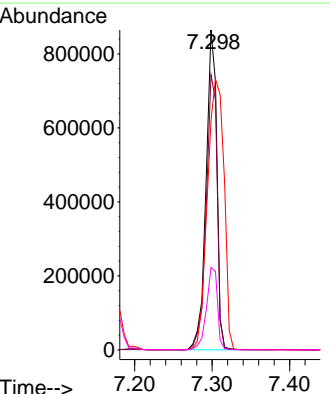
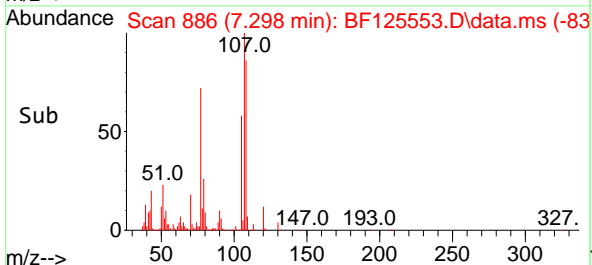


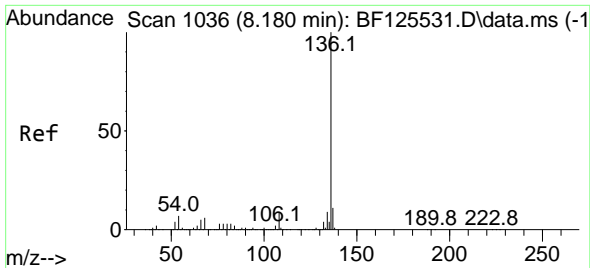
#20  
 3+4-Methylphenols  
 Concen: 41.436 ng  
 RT: 7.298 min Scan# 886  
 Delta R.T. 0.000 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 107 Resp: 834616

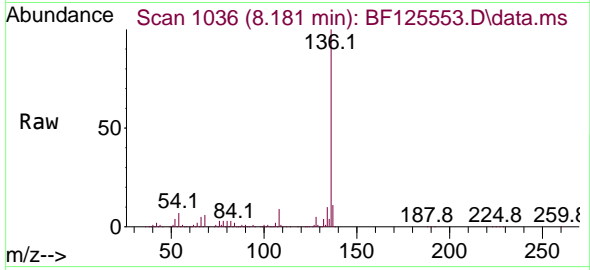
Ion	Ratio	Lower	Upper
107	100		
108	86.0	76.6	116.6
77	71.7	53.3	93.3
79	25.7	8.7	48.7





#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.181 min Scan# 1036  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

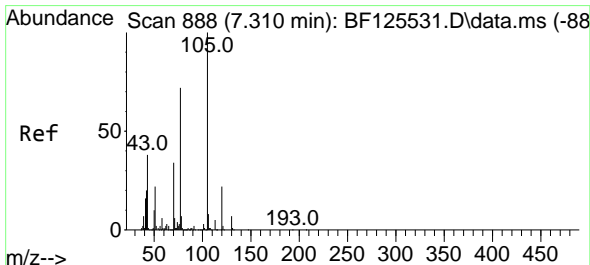
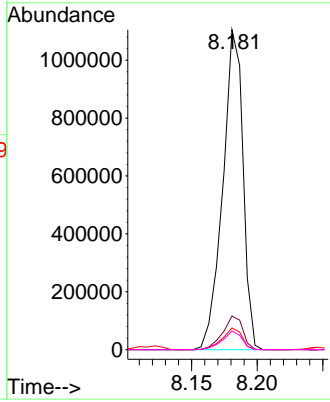
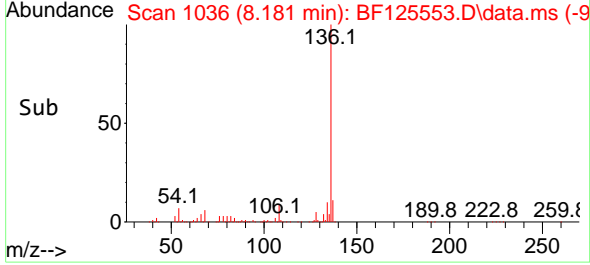
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139236BS



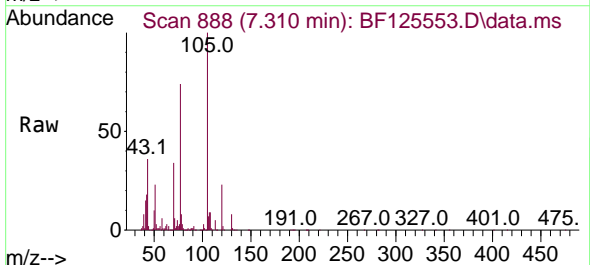
Tgt Ion:136 Resp: 1183427

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	6.8	6.4	9.6
68	5.9	3.3	4.9#

Manual Integrations  
 APPROVED  
 mohammad  
 9/23/2021 1:20:30 PM

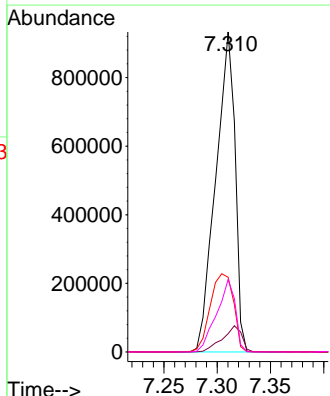
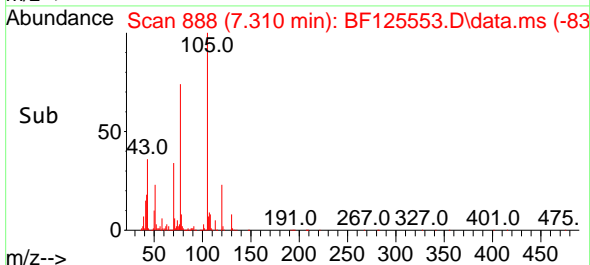


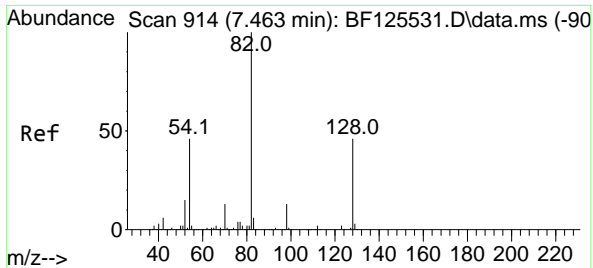
#22  
 Acetophenone  
 Concen: 42.879 ng  
 RT: 7.310 min Scan# 888  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:105 Resp: 1174079

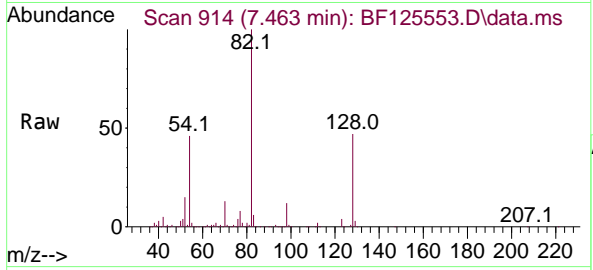
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.5	8.3
51	23.3	26.0	39.0#
120	22.6	18.5	27.7





#23  
 Nitrobenzene-d5  
 Concen: 87.717 ng  
 RT: 7.463 min Scan# 914  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

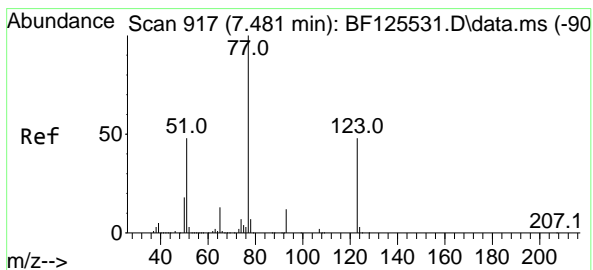
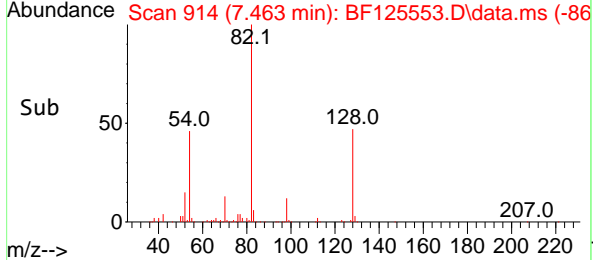
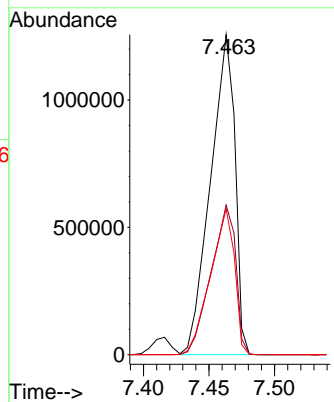
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



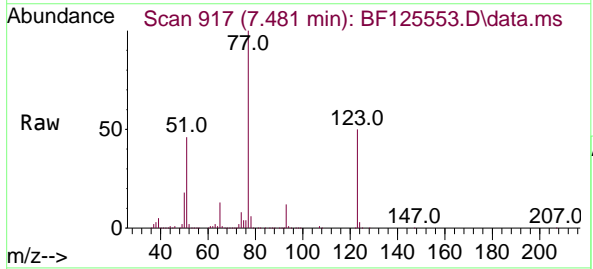
Tgt Ion: 82 Resp: 1627521  

Ion	Ratio	Lower	Upper
82	100		
128	46.7	40.6	60.8
54	45.6	49.6	74.4#

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

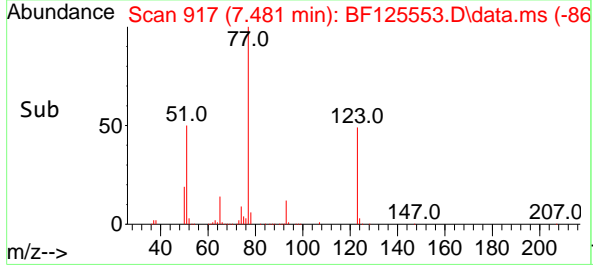
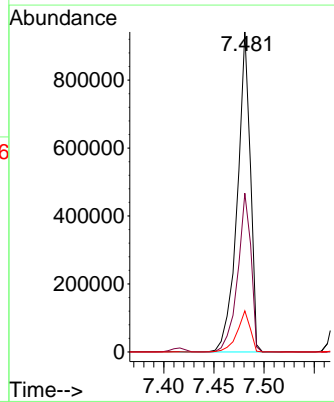


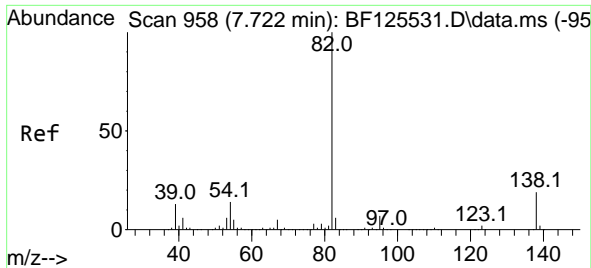
#24  
 Nitrobenzene  
 Concen: 43.368 ng  
 RT: 7.481 min Scan# 917  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 77 Resp: 852684  

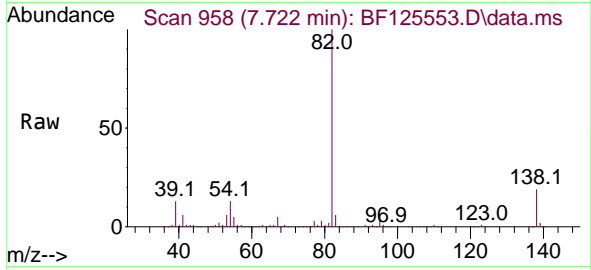
Ion	Ratio	Lower	Upper
77	100		
123	49.6	42.3	63.5
65	12.8	12.4	18.6





#25  
 Isophorone  
 Concen: 40.490 ng  
 RT: 7.722 min Scan# 958  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

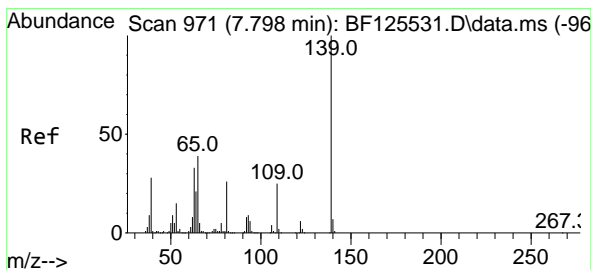
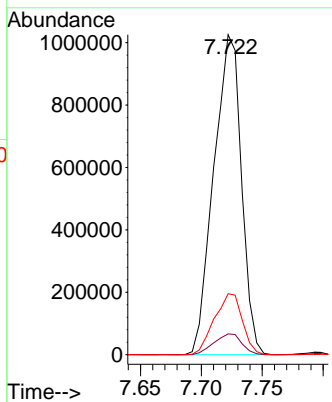
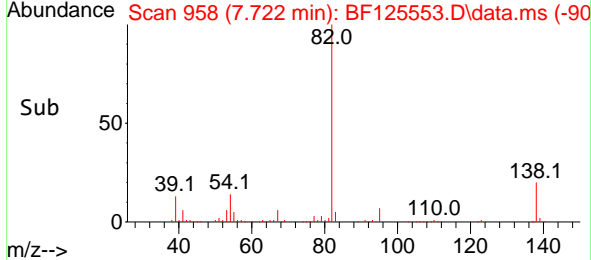
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



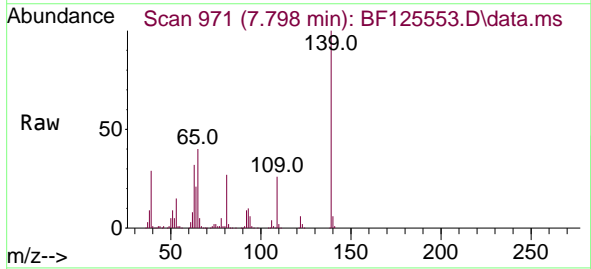
Tgt Ion: 82 Resp: 1616718

Ion	Ratio	Lower	Upper
82	100		
95	6.5	6.5	9.7
138	19.1	18.4	27.6

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

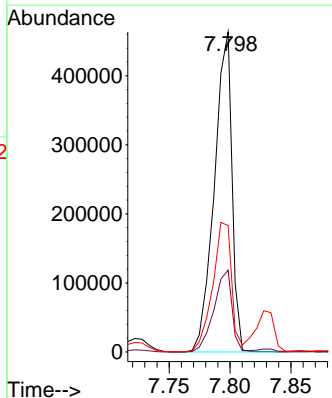
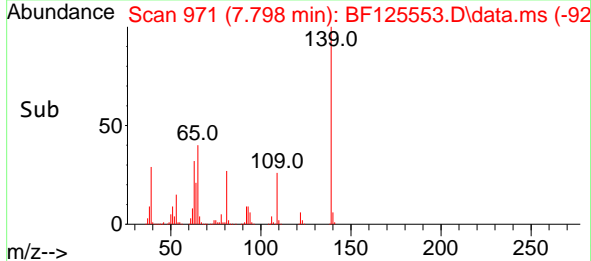


#26  
 2-Nitrophenol  
 Concen: 52.765 ng  
 RT: 7.798 min Scan# 971  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

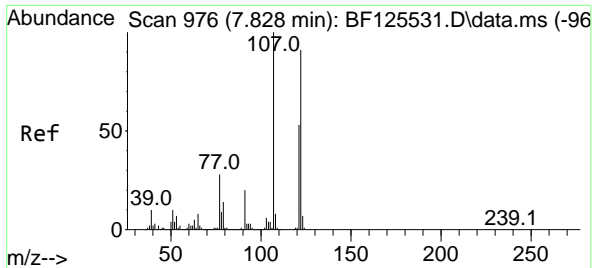


Tgt Ion: 139 Resp: 467145

Ion	Ratio	Lower	Upper
139	100		
109	25.6	26.0	39.0#
65	39.5	31.0	46.4

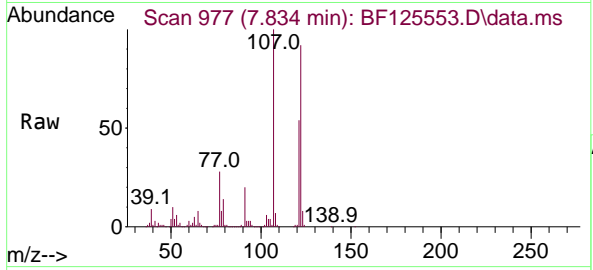






#27  
 2,4-Dimethylphenol  
 Concen: 46.567 ng  
 RT: 7.834 min Scan# 977  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

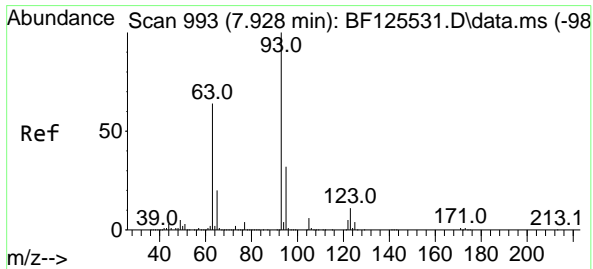
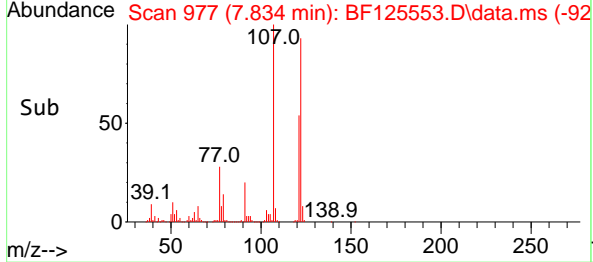
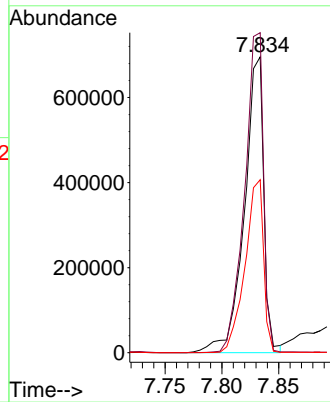
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



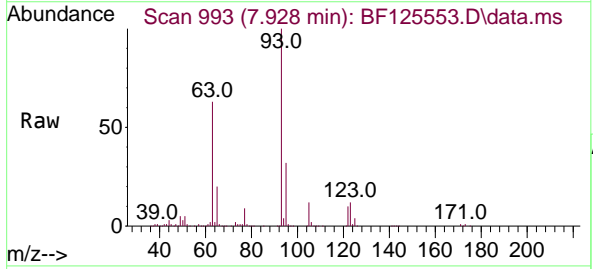
Tgt Ion:122 Resp: 826273

Ion	Ratio	Lower	Upper
122	100		
107	108.1	85.0	127.6
121	58.4	43.3	64.9

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

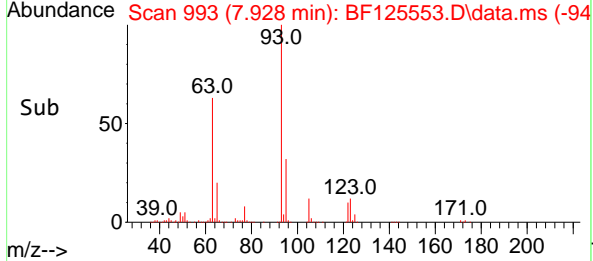
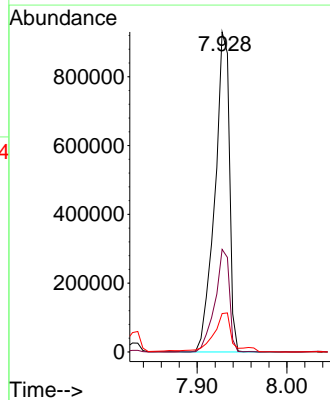


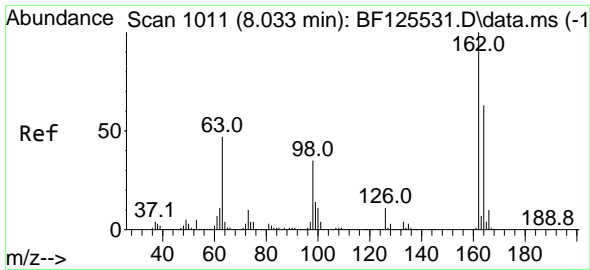
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.678 ng  
 RT: 7.928 min Scan# 993  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 93 Resp: 1047879

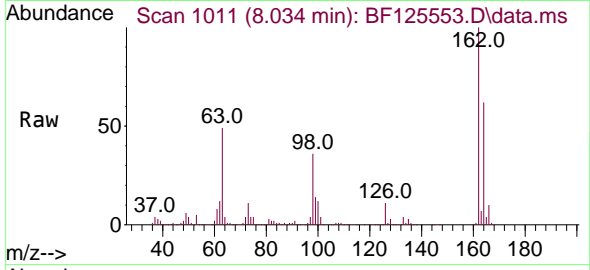
Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	12.0	11.7	17.5





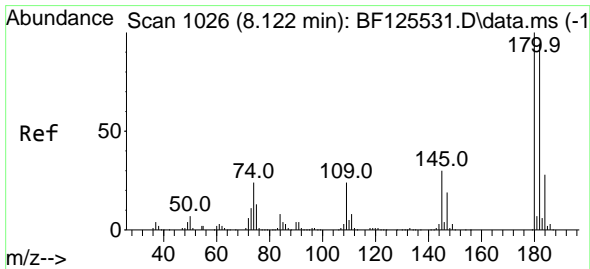
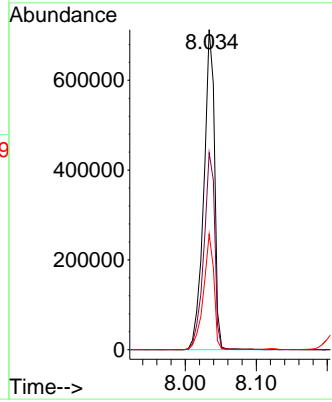
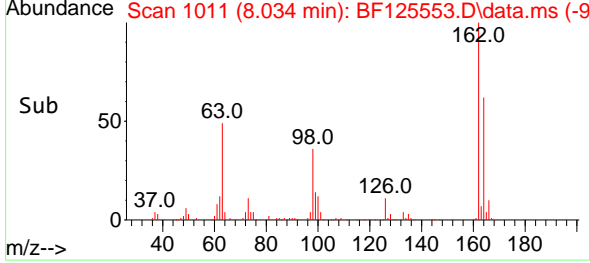
#29  
 2,4-Dichlorophenol  
 Concen: 42.031 ng  
 RT: 8.034 min Scan# 1011  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

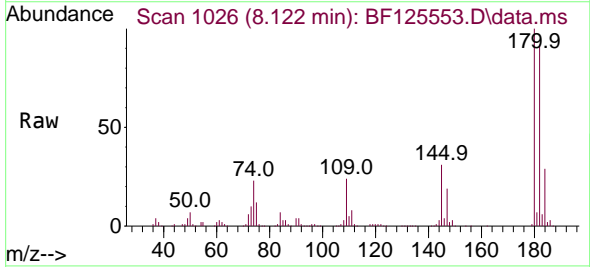


Tgt Ion:162 Resp: 753934  
 Ion Ratio Lower Upper  
 162 100  
 164 61.6 44.5 84.5  
 98 36.1 13.0 53.0

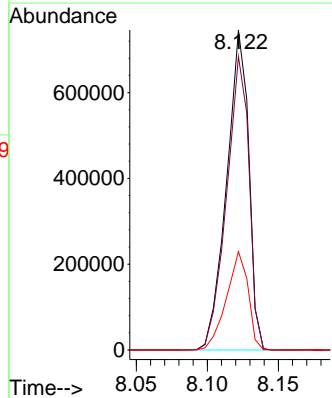
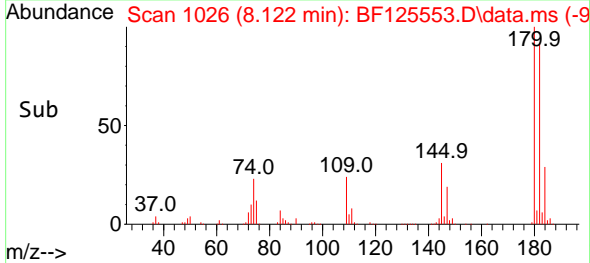
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

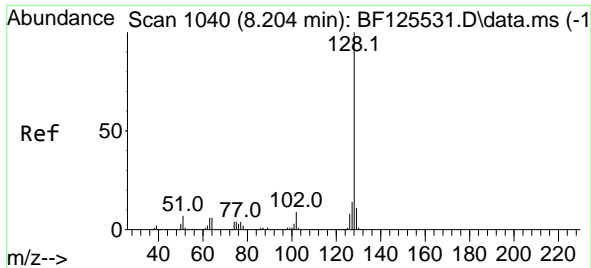


#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.716 ng  
 RT: 8.122 min Scan# 1026  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



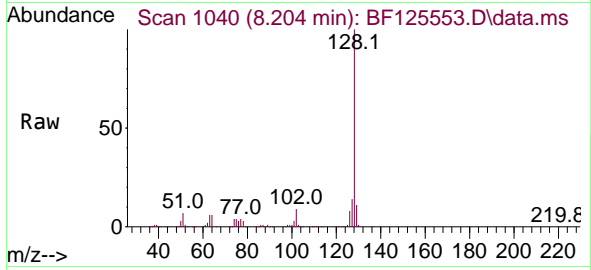
Tgt Ion:180 Resp: 807521  
 Ion Ratio Lower Upper  
 180 100  
 182 91.7 76.8 115.2  
 145 30.8 26.7 40.1





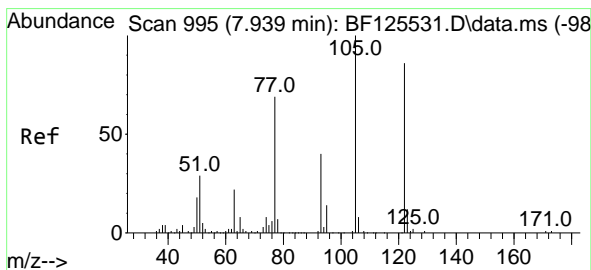
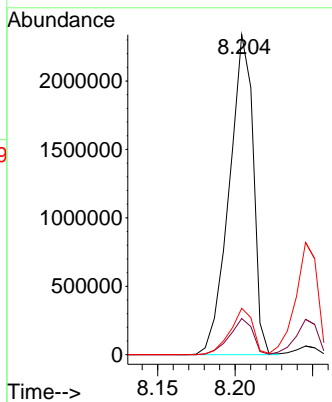
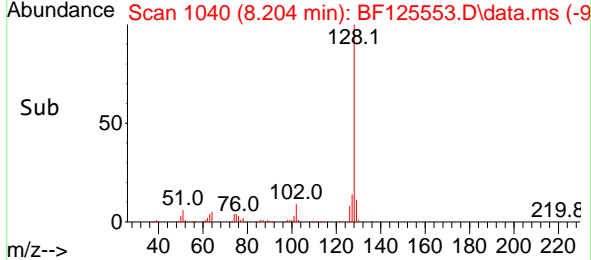
#31  
 Naphthalene  
 Concen: 41.323 ng  
 RT: 8.204 min Scan# 1040  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB139236BS

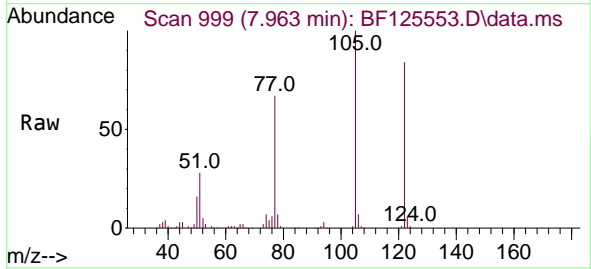


Tgt Ion:128 Resp: 2511511  
 Ion Ratio Lower Upper  
 128 100  
 129 11.3 9.4 14.0  
 127 14.5 10.9 16.3

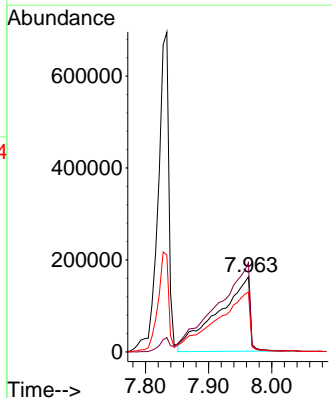
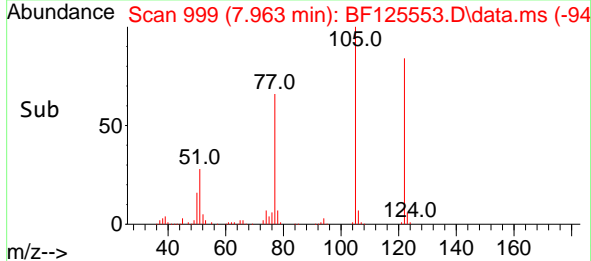
Manual Integrations  
 APPROVED  
 mohammad  
 9/23/2021 1:20:30 PM

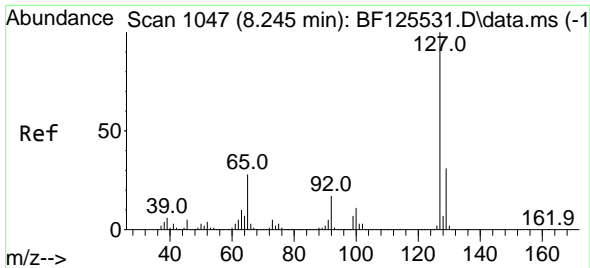


#32  
 Benzoic acid  
 Concen: 53.209 ng  
 RT: 7.963 min Scan# 999  
 Delta R.T. 0.024 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



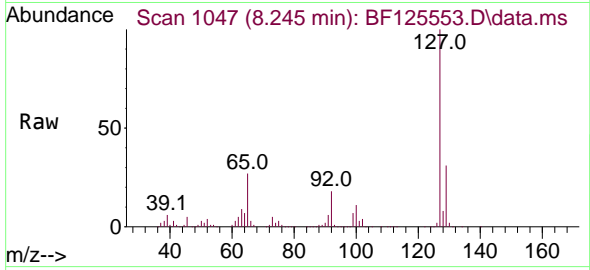
Tgt Ion:122 Resp: 573254  
 Ion Ratio Lower Upper  
 122 100  
 105 118.8 97.6 137.6  
 77 79.9 59.6 99.6





#33  
 4-Chloroaniline  
 Concen: 32.622 ng  
 RT: 8.245 min Scan# 1047  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

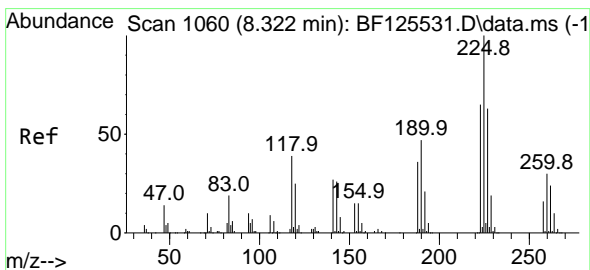
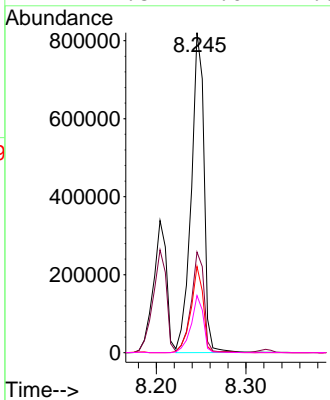
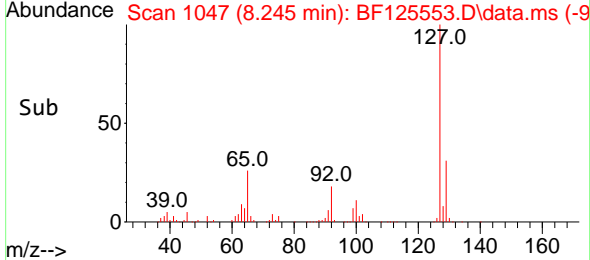
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



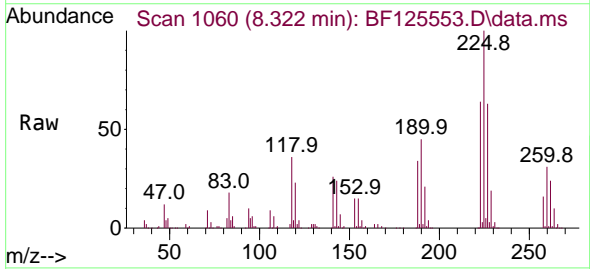
Tgt Ion:127 Resp: 812692

Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	27.0	21.2	31.8
92	17.8	14.0	21.0

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

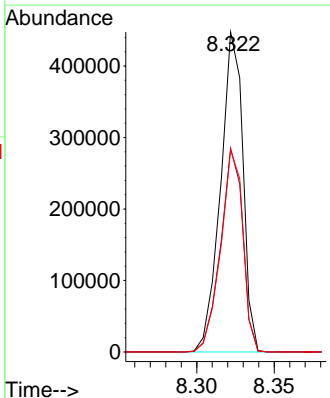
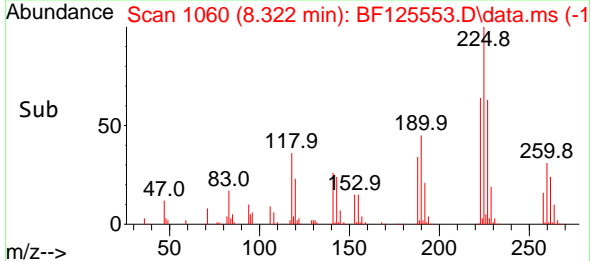


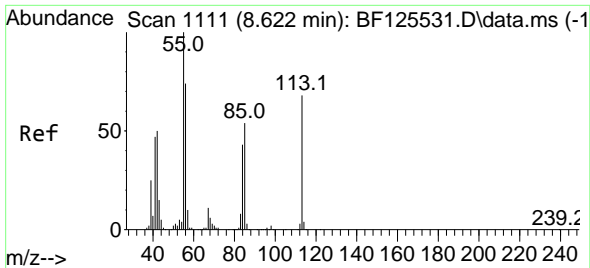
#34  
 Hexachlorobutadiene  
 Concen: 42.056 ng  
 RT: 8.322 min Scan# 1060  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:225 Resp: 448306

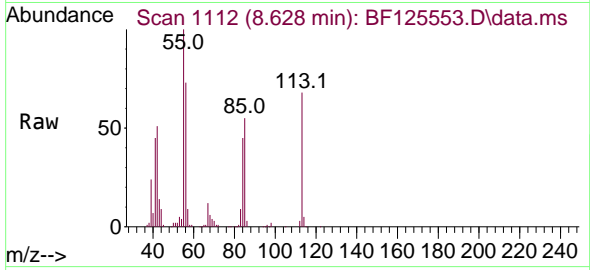
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.2	50.6	75.8





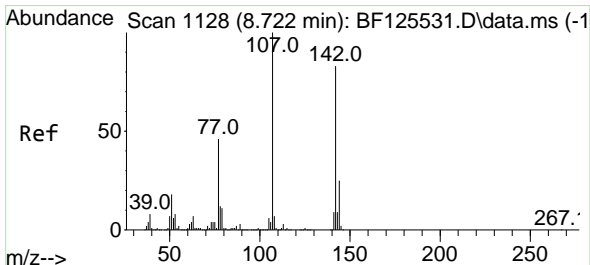
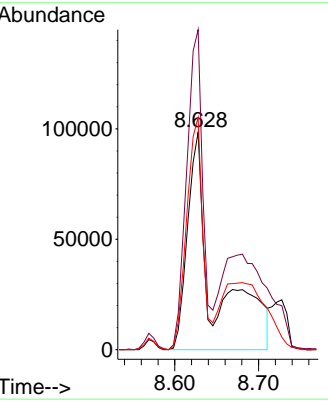
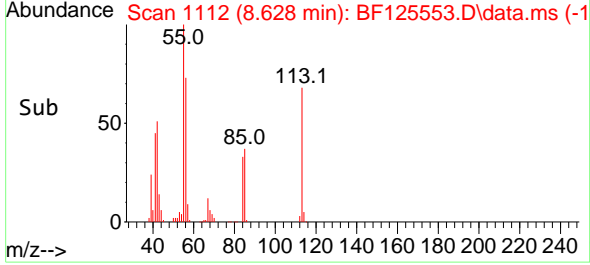
#35  
 Caprolactam  
 Concen: 44.195 ng m  
 RT: 8.628 min Scan# 1112  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

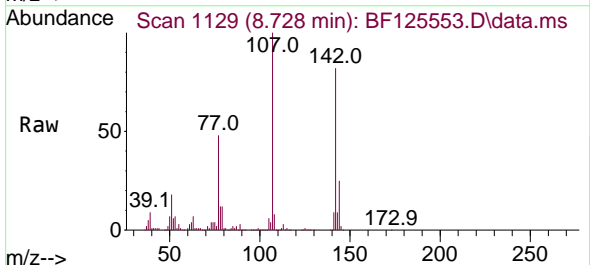


Tgt Ion:113 Resp: 217409  
 Ion Ratio Lower Upper  
 113 100  
 55 147.1 154.1 194.1#  
 56 106.8 108.7 148.7#

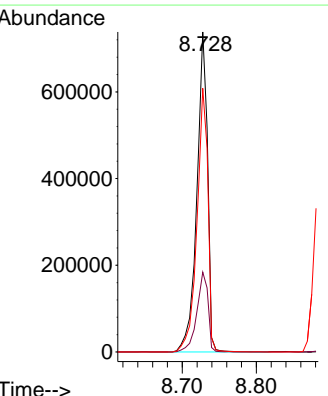
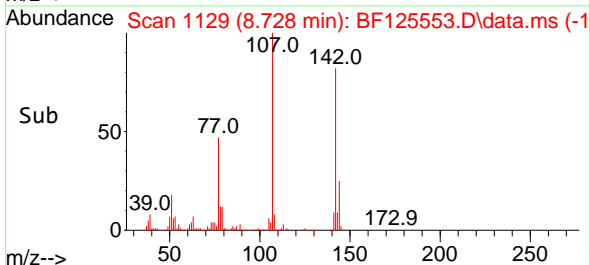
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

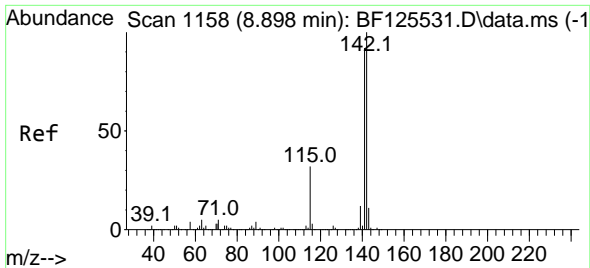


#36  
 4-Chloro-3-methylphenol  
 Concen: 42.128 ng  
 RT: 8.728 min Scan# 1129  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



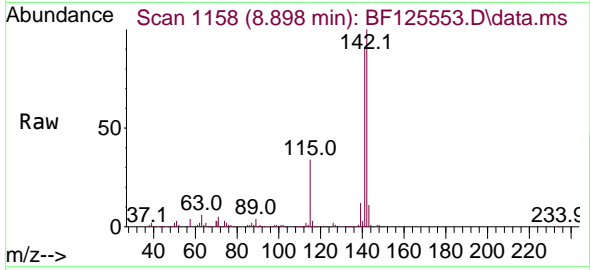
Tgt Ion:107 Resp: 742318  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 21.9 32.9  
 142 82.4 67.1 100.7





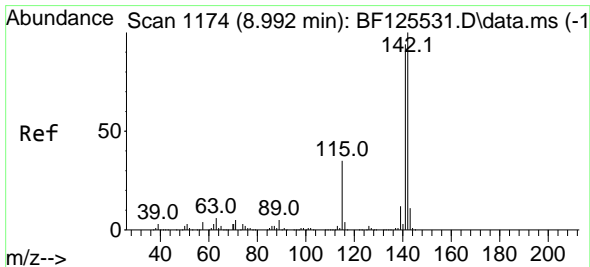
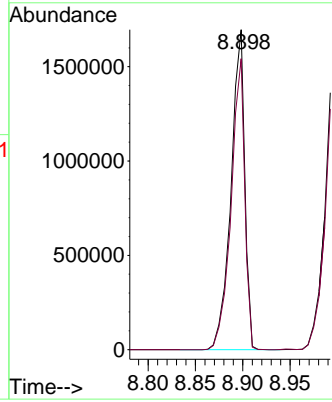
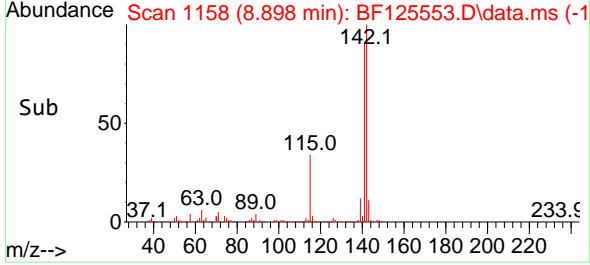
#37  
 2-Methylnaphthalene  
 Concen: 41.616 ng  
 RT: 8.898 min Scan# 1158  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

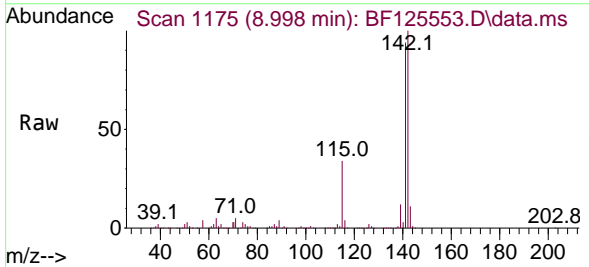


Tgt Ion:142 Resp: 1713195  
 Ion Ratio Lower Upper  
 142 100  
 141 90.9 71.2 106.8

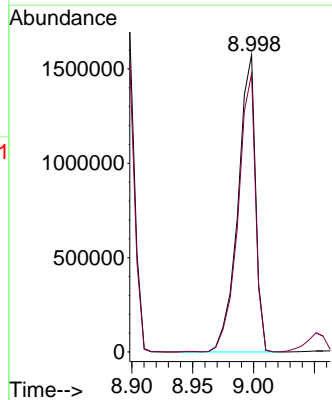
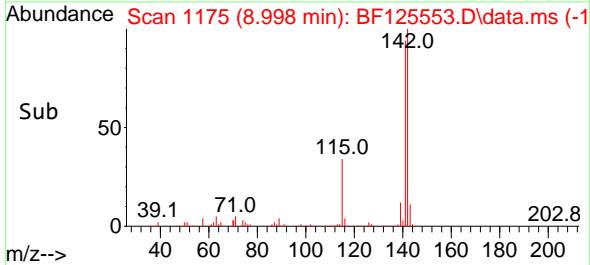
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

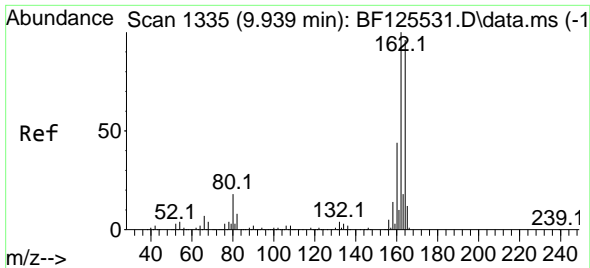


#38  
 1-Methylnaphthalene  
 Concen: 40.942 ng  
 RT: 8.998 min Scan# 1175  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



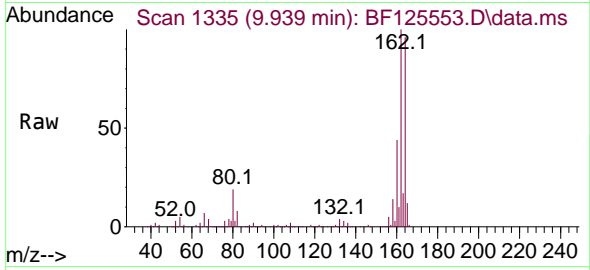
Tgt Ion:142 Resp: 1581414  
 Ion Ratio Lower Upper  
 142 100  
 141 93.6 76.0 114.0





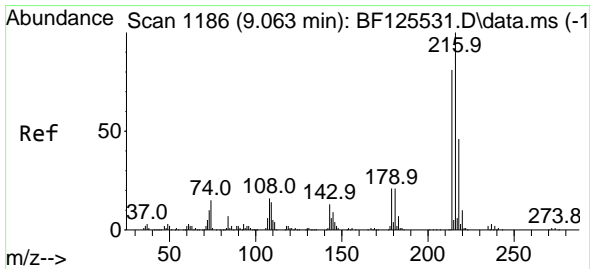
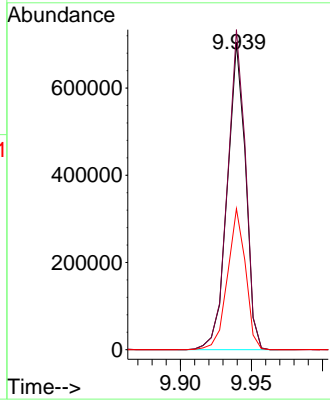
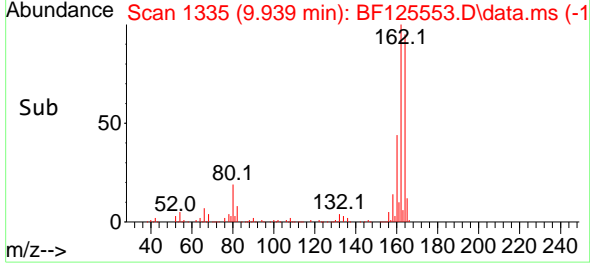
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.939 min Scan# 1335  
 Delta R.T. 0.000 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

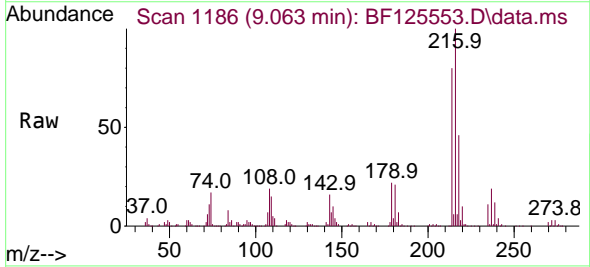


Tgt Ion:164 Resp: 628720  
 Ion Ratio Lower Upper  
 164 100  
 162 104.2 81.3 121.9  
 160 45.9 38.0 57.0

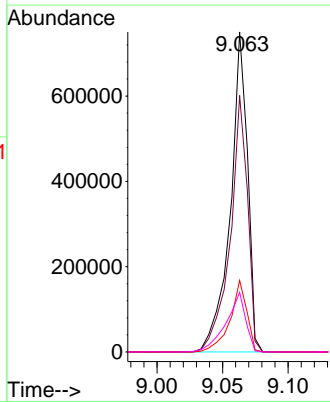
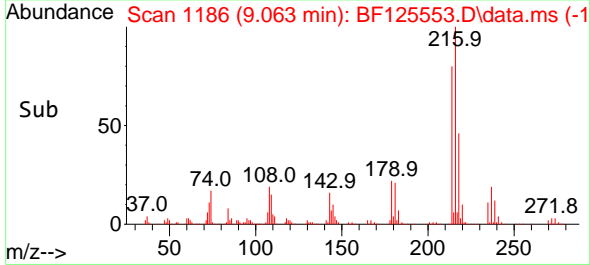
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

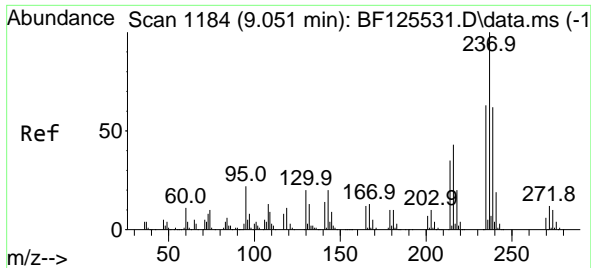


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.438 ng  
 RT: 9.063 min Scan# 1186  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



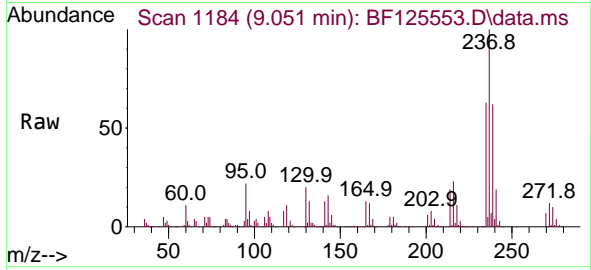
Tgt Ion:216 Resp: 684557  
 Ion Ratio Lower Upper  
 216 100  
 214 80.7 64.9 97.3  
 179 21.9 17.4 26.2  
 108 21.4 16.5 24.7





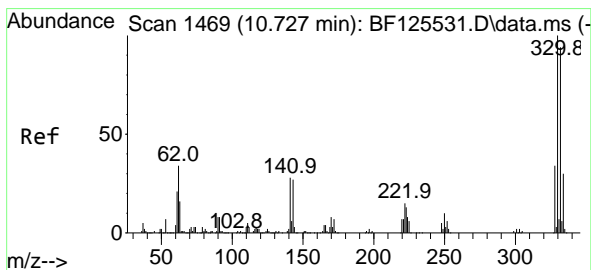
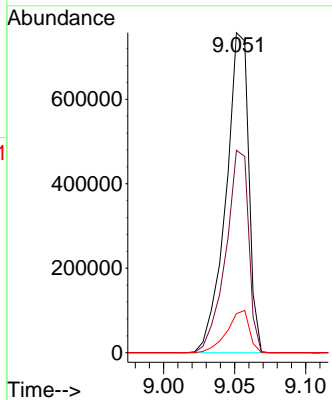
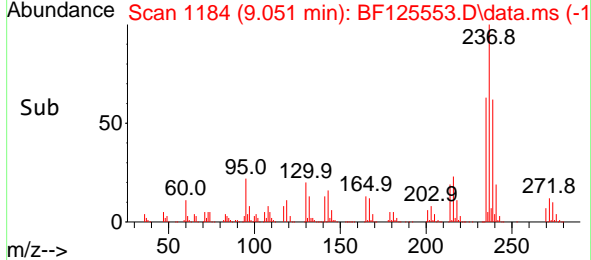
#41  
 Hexachlorocyclopentadiene  
 Concen: 89.524 ng  
 RT: 9.051 min Scan# 1184  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

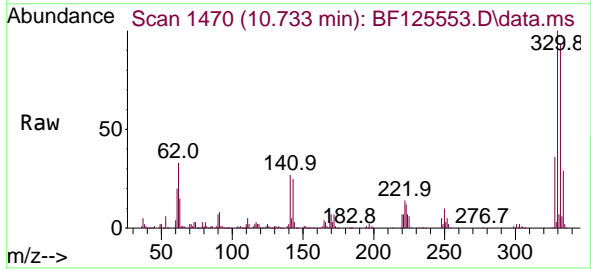


Tgt Ion:237 Resp: 847535  
 Ion Ratio Lower Upper  
 237 100  
 235 63.3 44.7 84.7  
 272 12.2 0.0 31.6

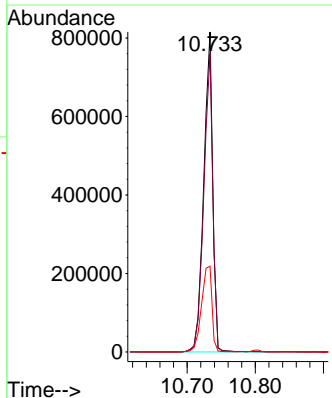
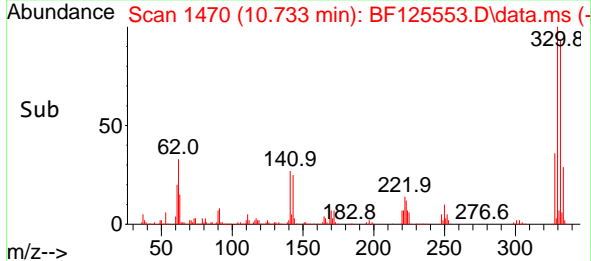
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM



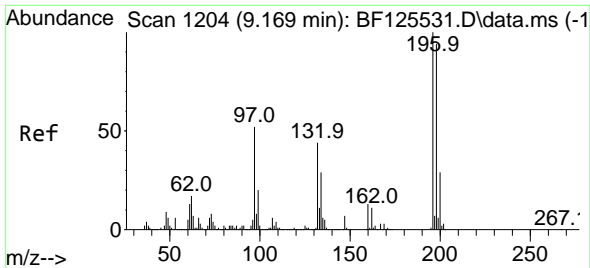
#42  
 2,4,6-Tribromophenol  
 Concen: 121.463 ng  
 RT: 10.733 min Scan# 1470  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:330 Resp: 747980  
 Ion Ratio Lower Upper  
 330 100  
 332 94.3 76.2 114.4  
 141 31.2 44.6 66.8#

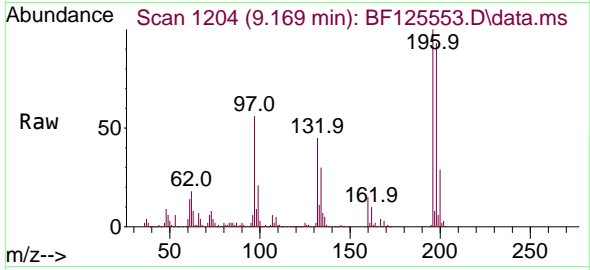






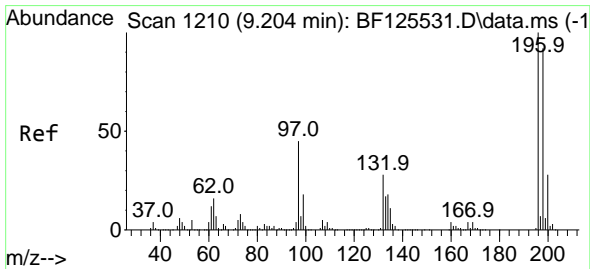
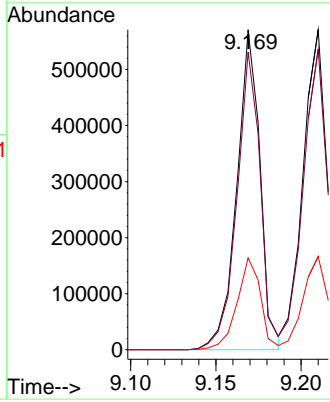
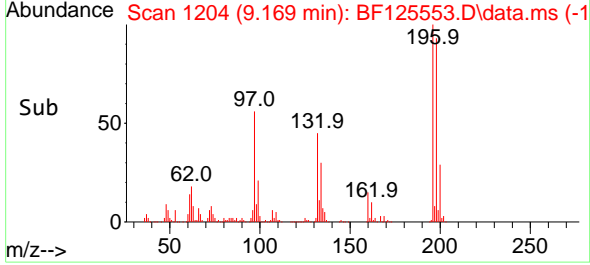
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.331 ng  
 RT: 9.169 min Scan# 1204  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

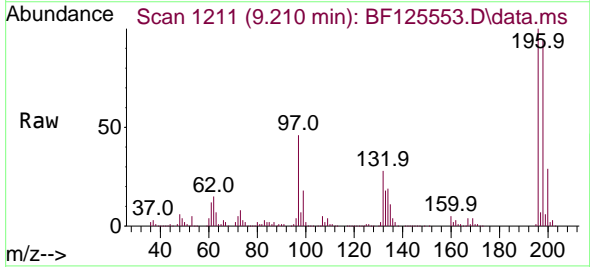


Tgt Ion:196 Resp: 539929  
 Ion Ratio Lower Upper  
 196 100  
 198 93.0 74.9 112.3  
 200 28.7 27.0 40.4

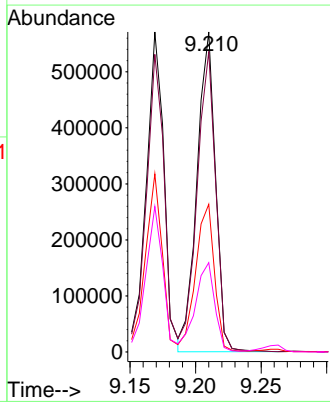
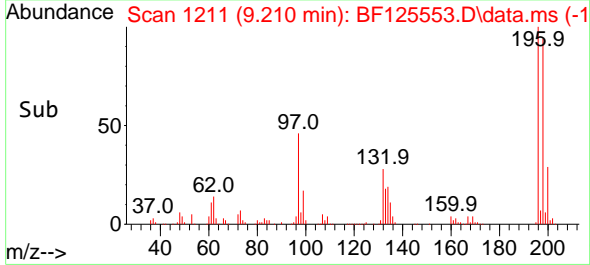
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

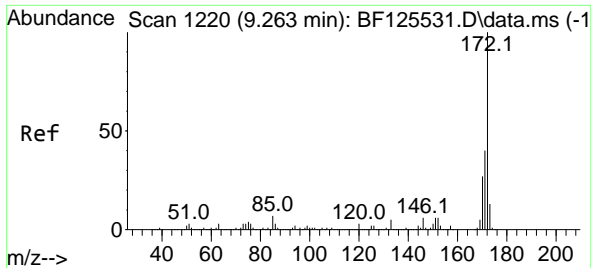


#44  
 2,4,5-Trichlorophenol  
 Concen: 42.003 ng  
 RT: 9.210 min Scan# 1211  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



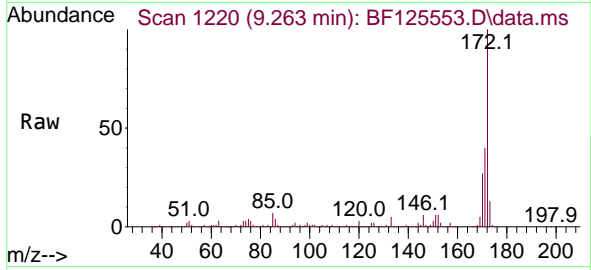
Tgt Ion:196 Resp: 562229  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 80.2 120.2  
 97 46.2 44.0 66.0  
 132 27.9 25.4 38.0





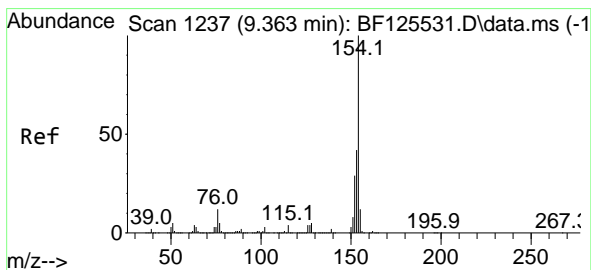
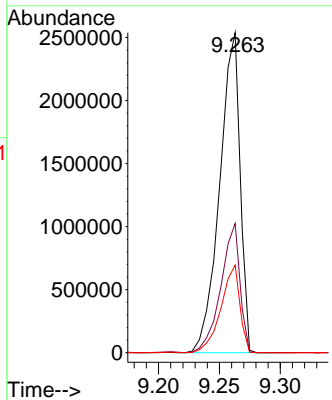
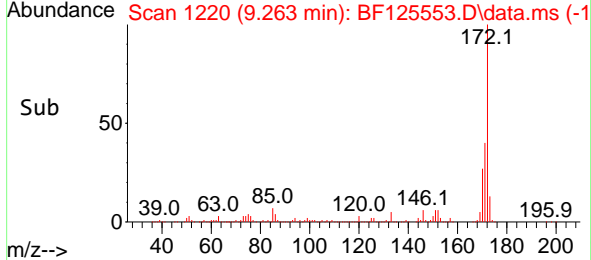
#45  
 2-Fluorobiphenyl  
 Concen: 85.570 ng  
 RT: 9.263 min Scan# 1220  
 Delta R.T. -0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

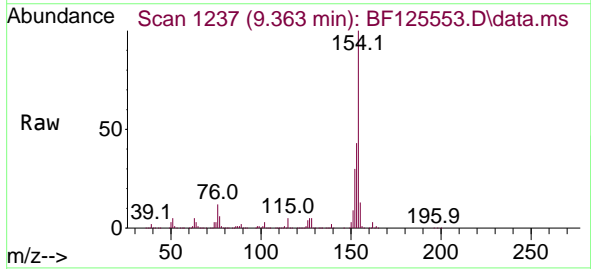


Tgt Ion:172 Resp: 2969108  
 Ion Ratio Lower Upper  
 172 100  
 171 40.4 26.5 39.7#  
 170 27.4 18.8 28.2

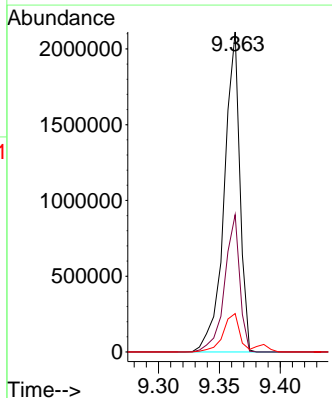
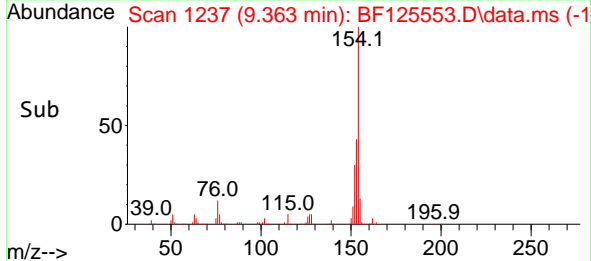
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

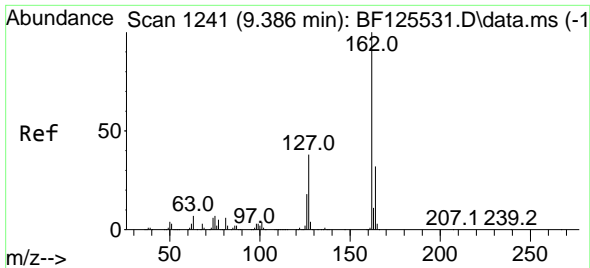


#46  
 1,1'-Biphenyl  
 Concen: 39.816 ng  
 RT: 9.363 min Scan# 1237  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



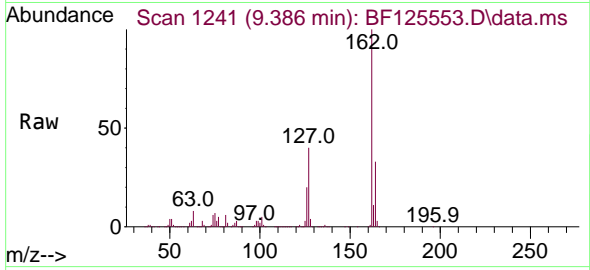
Tgt Ion:154 Resp: 1886142  
 Ion Ratio Lower Upper  
 154 100  
 153 42.9 20.0 60.0  
 76 12.0 0.0 30.3





#47  
 2-Chloronaphthalene  
 Concen: 40.521 ng  
 RT: 9.386 min Scan# 1241  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

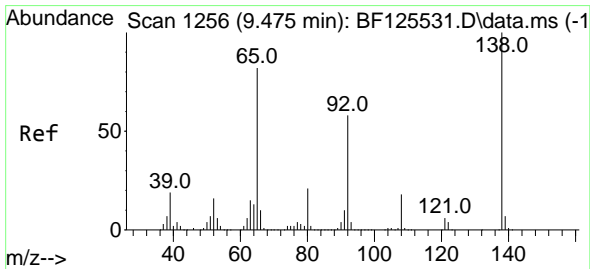
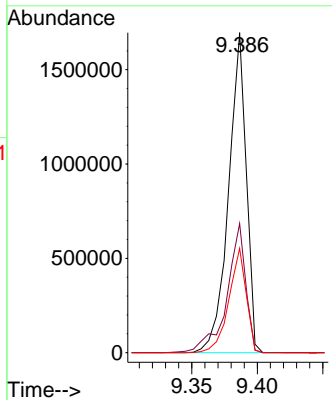
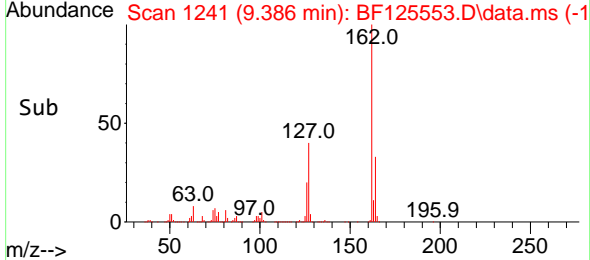
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



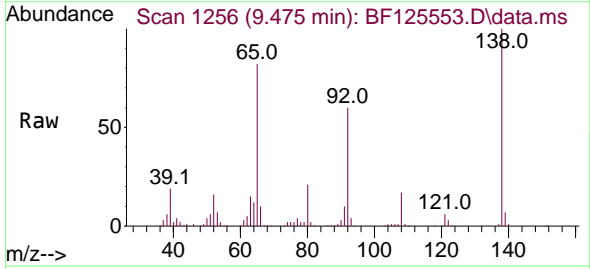
Tgt Ion:162 Resp: 1594342

Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.0	49.4
164	32.6	25.8	38.8

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

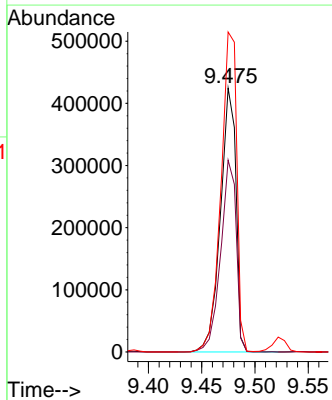
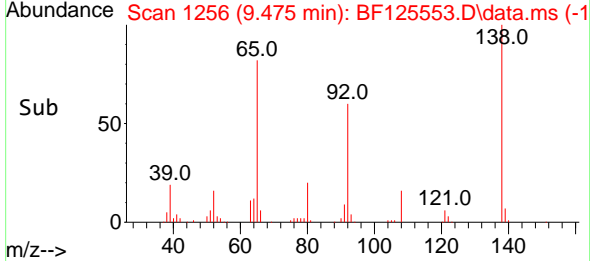


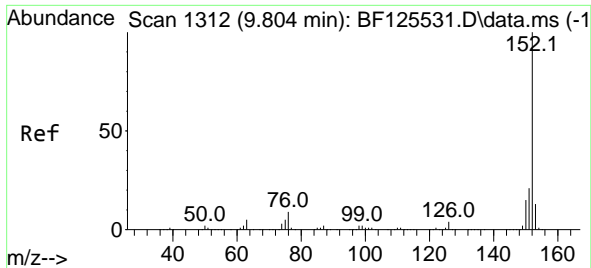
#48  
 2-Nitroaniline  
 Concen: 51.077 ng  
 RT: 9.475 min Scan# 1256  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 65 Resp: 428830

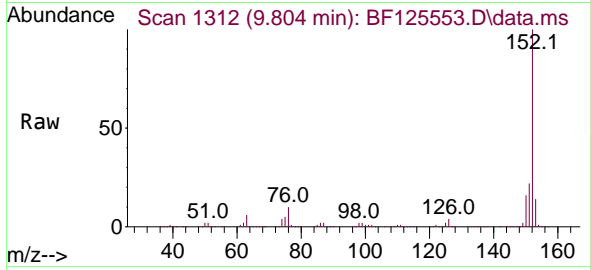
Ion	Ratio	Lower	Upper
65	100		
92	72.8	55.5	83.3
138	121.3	93.5	140.3





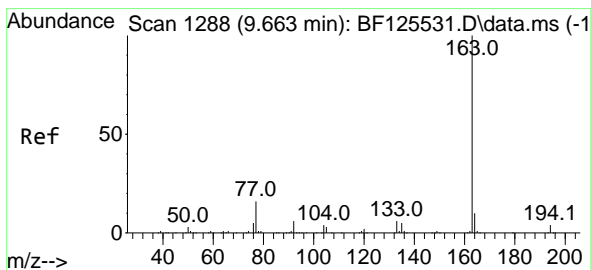
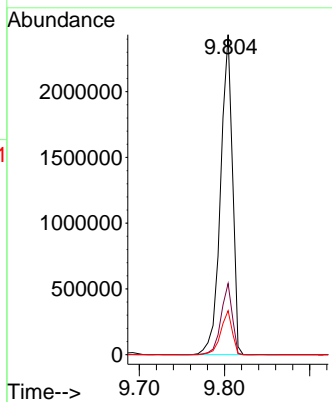
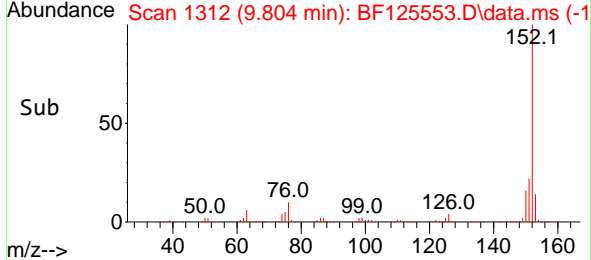
#49  
 Acenaphthylene  
 Concen: 40.769 ng  
 RT: 9.804 min Scan# 1312  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

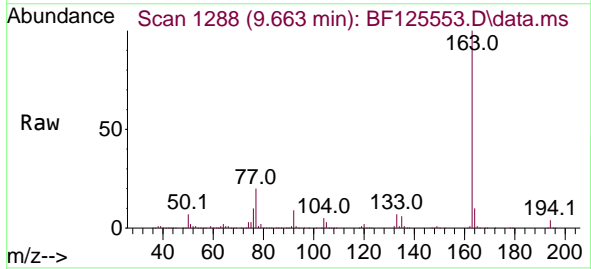


Tgt Ion:152 Resp: 2357429  
 Ion Ratio Lower Upper  
 152 100  
 151 22.3 15.7 23.5  
 153 13.8 9.8 14.8

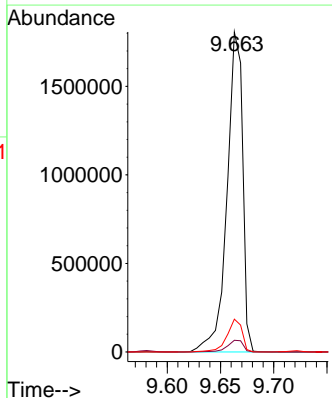
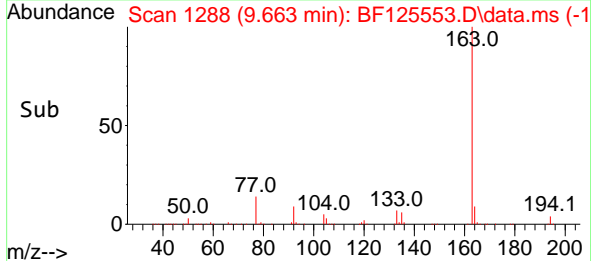
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

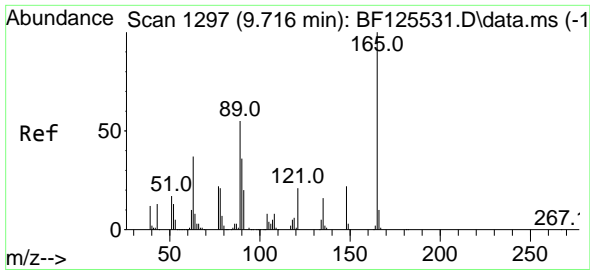


#50  
 Dimethylphthalate  
 Concen: 42.495 ng  
 RT: 9.663 min Scan# 1288  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



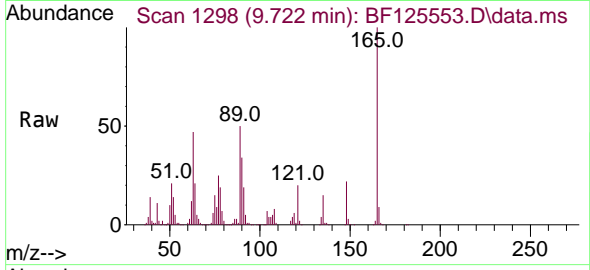
Tgt Ion:163 Resp: 1838752  
 Ion Ratio Lower Upper  
 163 100  
 194 3.7 2.6 3.8  
 164 10.2 7.4 11.0





#51  
 2,6-Dinitrotoluene  
 Concen: 47.601 ng  
 RT: 9.722 min Scan# 1298  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

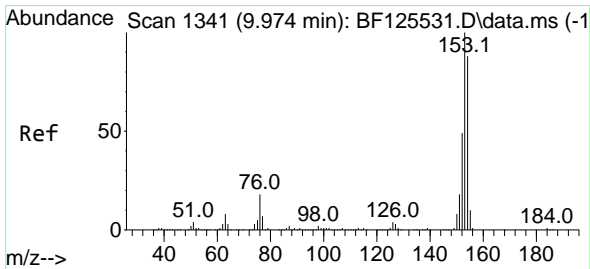
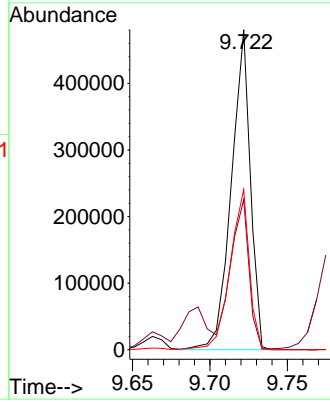
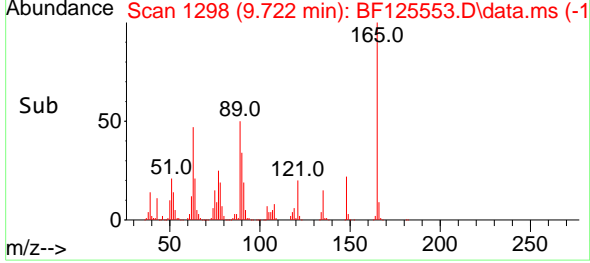
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB139236BS



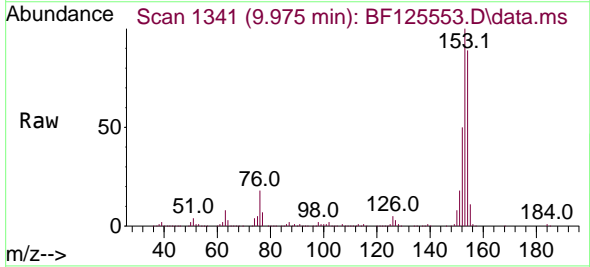
Tgt Ion:165 Resp: 409785  
 Ion Ratio Lower Upper  
 165 100  
 63 46.8 42.6 63.8  
 89 50.0 40.6 60.8

Manual Integrations  
 APPROVED

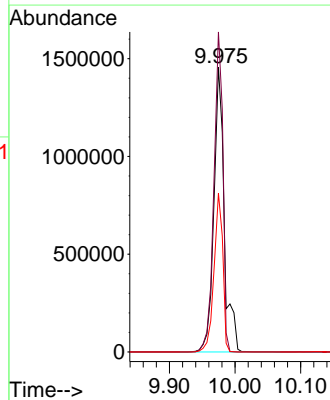
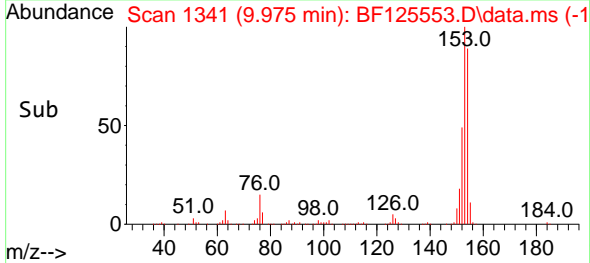
mohammad  
 9/23/2021 1:20:30 PM

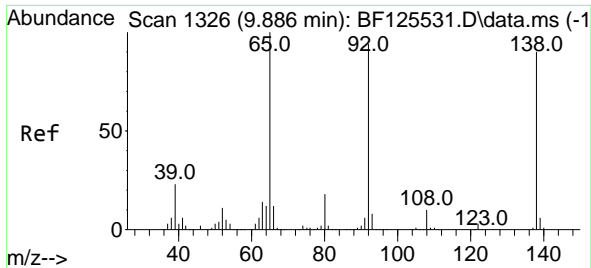


#52  
 Acenaphthene  
 Concen: 44.117 ng  
 RT: 9.975 min Scan# 1341  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



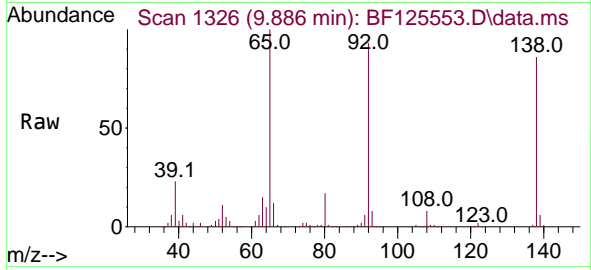
Tgt Ion:154 Resp: 1610335  
 Ion Ratio Lower Upper  
 154 100  
 153 112.5 89.4 134.2  
 152 55.8 40.5 60.7





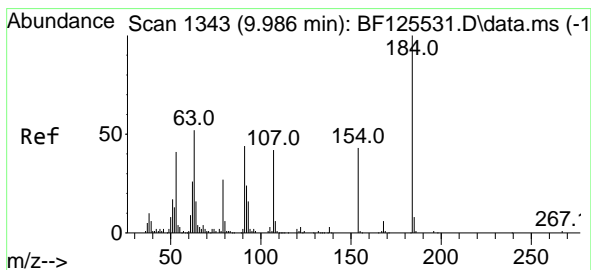
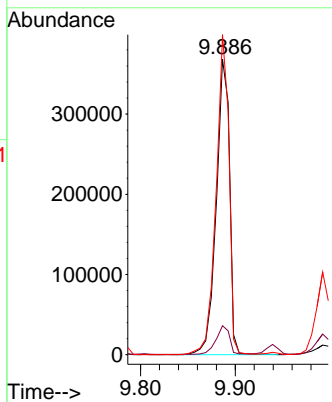
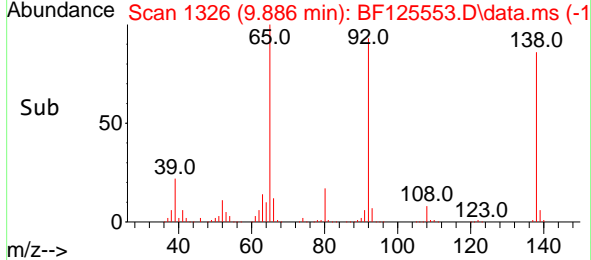
#53  
 3-Nitroaniline  
 Concen: 39.212 ng  
 RT: 9.886 min Scan# 1326  
 Delta R.T. 0.000 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

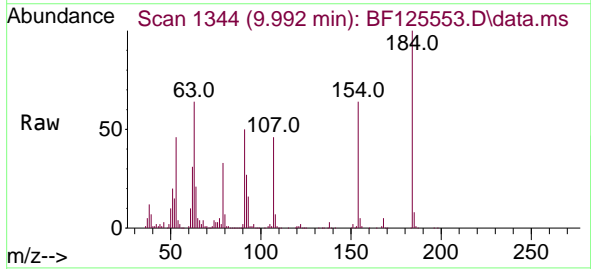


Tgt Ion:138 Resp: 358515  
 Ion Ratio Lower Upper  
 138 100  
 108 9.8 9.3 13.9  
 92 108.3 76.5 114.7

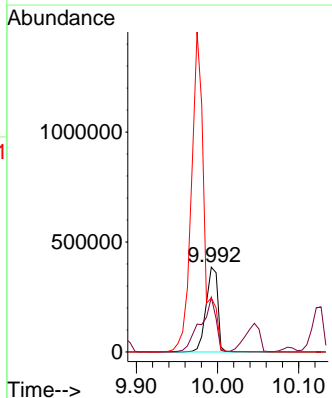
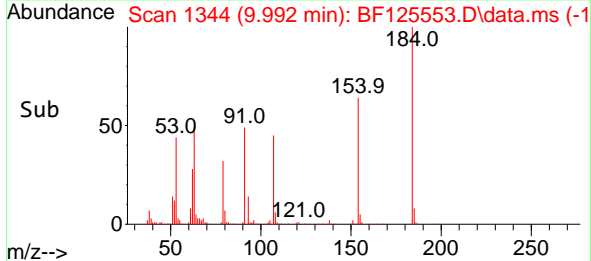
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

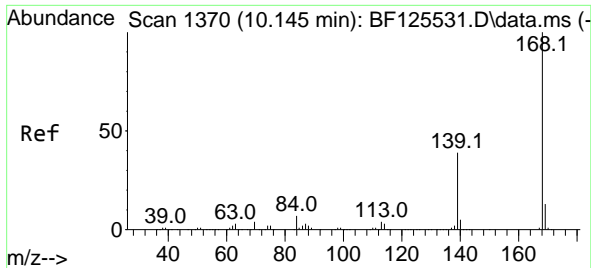


#54  
 2,4-Dinitrophenol  
 Concen: 124.406 ng  
 RT: 9.992 min Scan# 1344  
 Delta R.T. 0.006 min  
 Lab File: BF12553.D  
 Acq: 22 Sep 2021 11:43



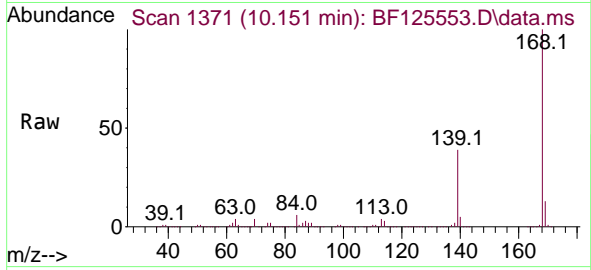
Tgt Ion:184 Resp: 385836  
 Ion Ratio Lower Upper  
 184 100  
 63 64.3 59.3 88.9  
 154 63.7 68.6 102.8#





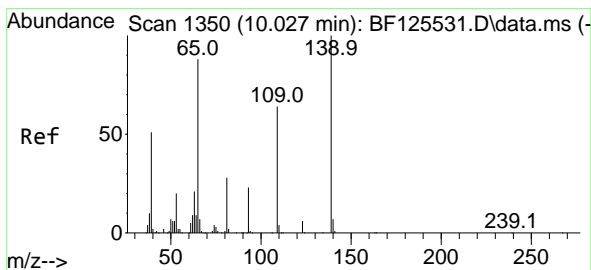
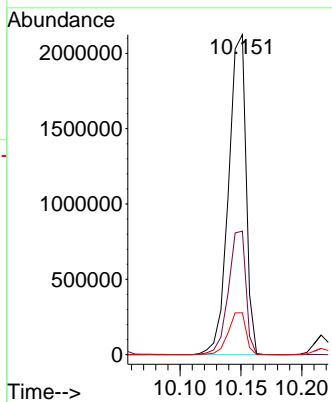
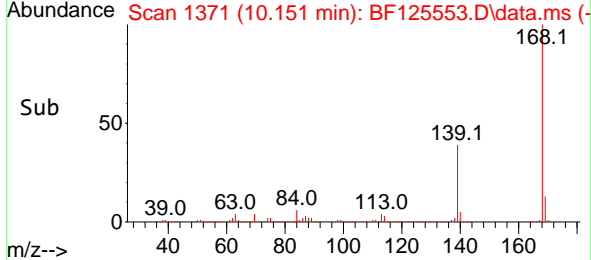
#55  
 Dibenzofuran  
 Concen: 39.160 ng  
 RT: 10.151 min Scan# 1371  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

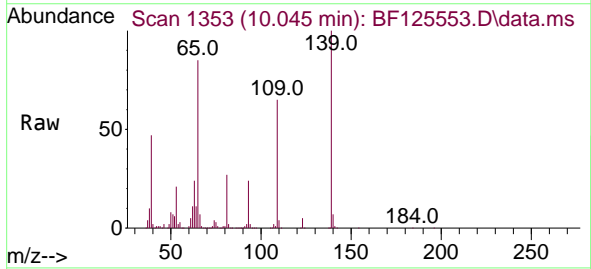


Tgt Ion:168 Resp: 2121198  
 Ion Ratio Lower Upper  
 168 100  
 139 38.6 32.7 49.1  
 169 13.1 11.2 16.8

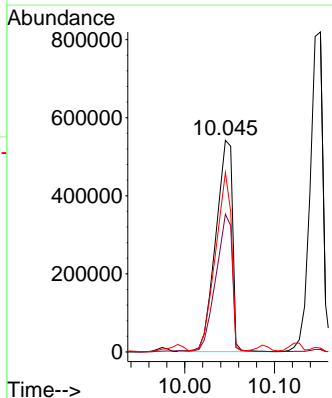
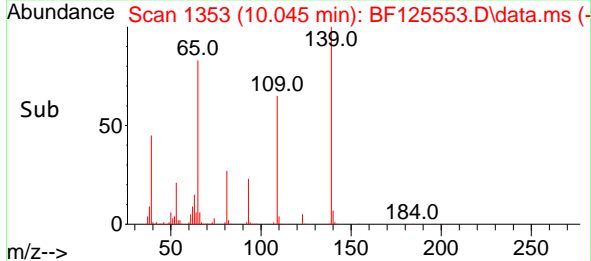
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

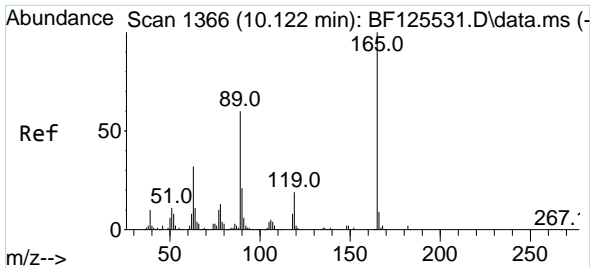


#56  
 4-Nitrophenol  
 Concen: 94.505 ng  
 RT: 10.045 min Scan# 1353  
 Delta R.T. 0.018 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



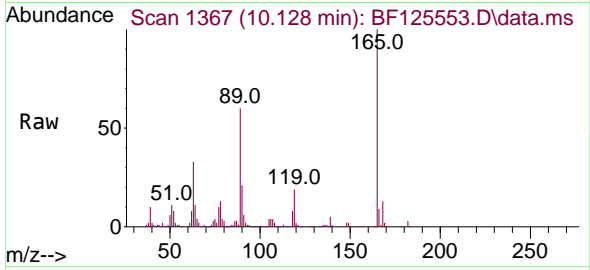
Tgt Ion:139 Resp: 700931  
 Ion Ratio Lower Upper  
 139 100  
 109 65.1 60.4 100.4  
 65 84.8 58.4 98.4





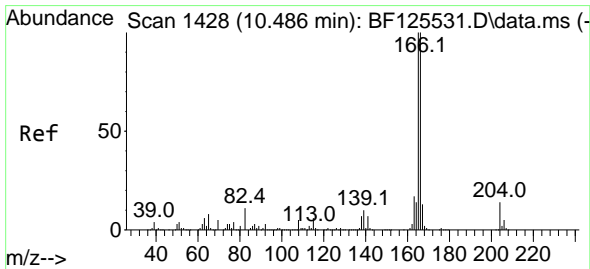
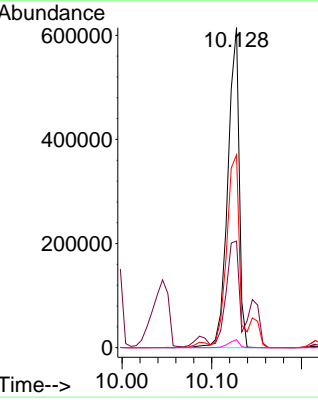
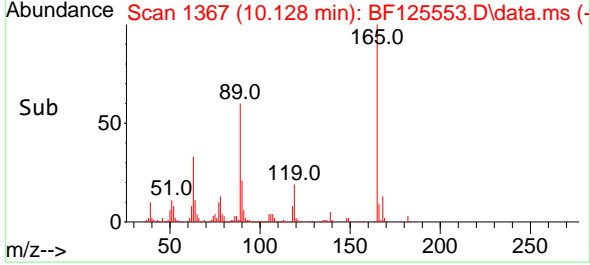
#57  
 2,4-Dinitrotoluene  
 Concen: 52.291 ng  
 RT: 10.128 min Scan# 1367  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

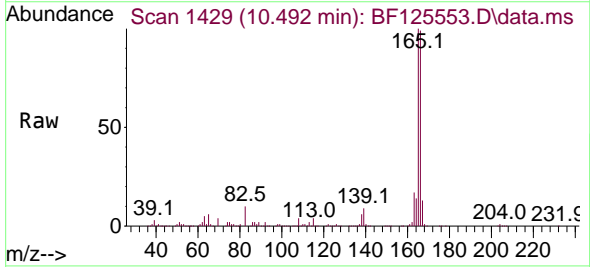


Tgt Ion:165 Resp: 539477  
 Ion Ratio Lower Upper  
 165 100  
 63 33.3 40.9 61.3#  
 89 60.3 59.7 89.5  
 182 2.5 0.0 0.0#

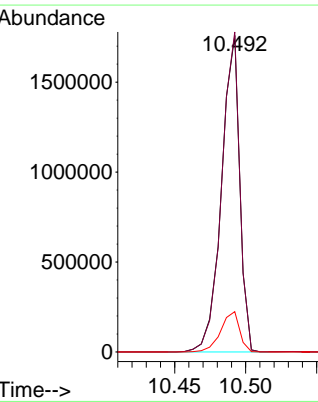
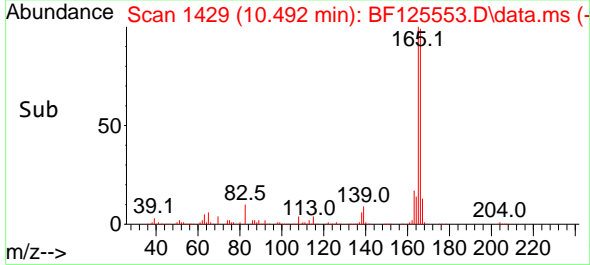
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM



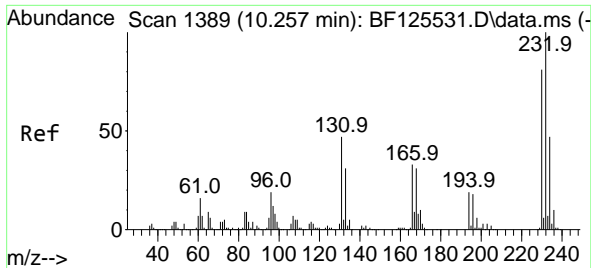
#58  
 Fluorene  
 Concen: 37.805 ng  
 RT: 10.492 min Scan# 1429  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:166 Resp: 1574939  
 Ion Ratio Lower Upper  
 166 100  
 165 101.1 78.1 117.1  
 167 12.8 11.1 16.7

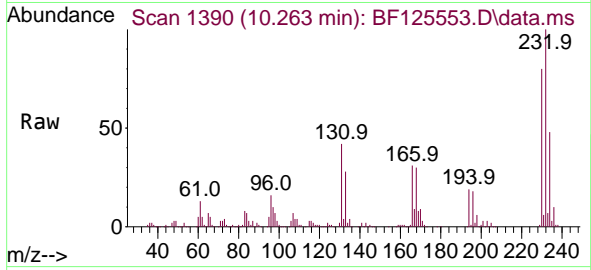






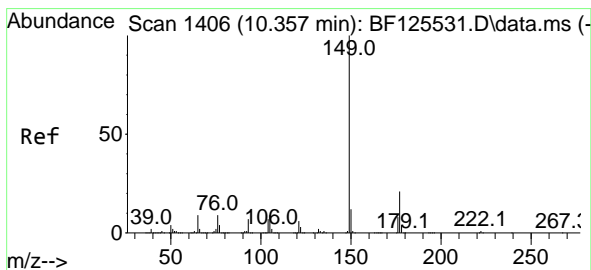
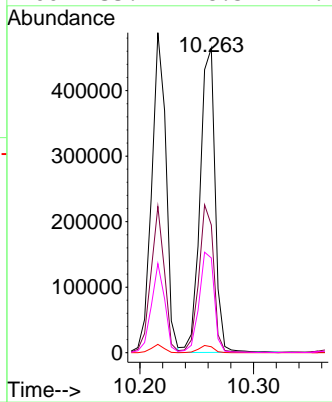
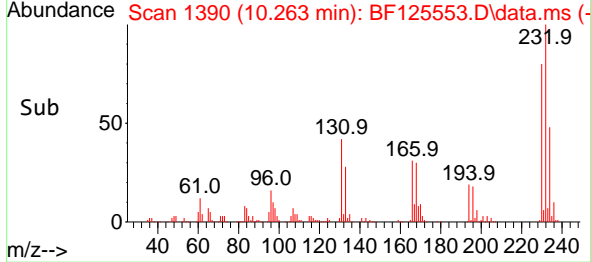
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.493 ng  
 RT: 10.263 min Scan# 1390  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

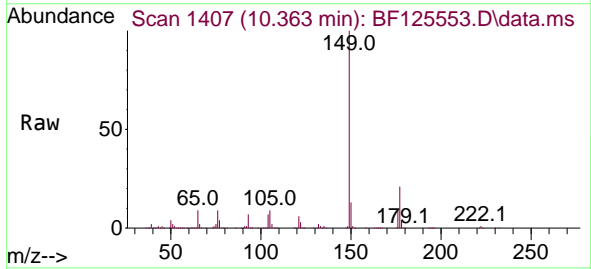


Tgt Ion:232 Resp: 427203  
 Ion Ratio Lower Upper  
 232 100  
 131 48.2 45.4 68.0  
 130 2.3 0.0 0.0#  
 166 33.2 28.5 42.7

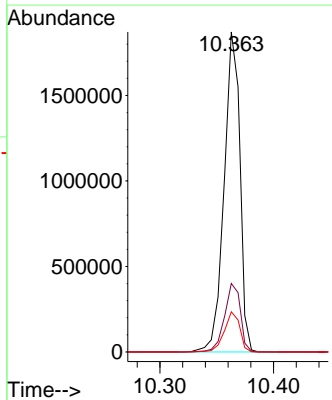
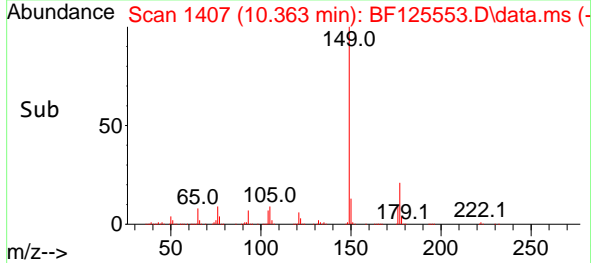
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

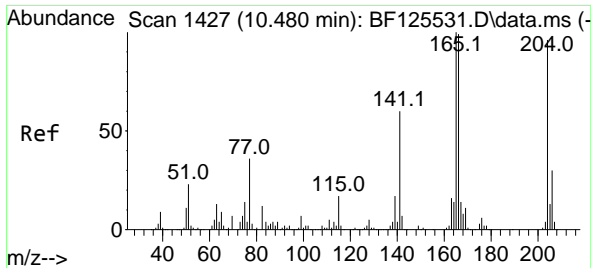


#60  
 Diethylphthalate  
 Concen: 42.451 ng  
 RT: 10.363 min Scan# 1407  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



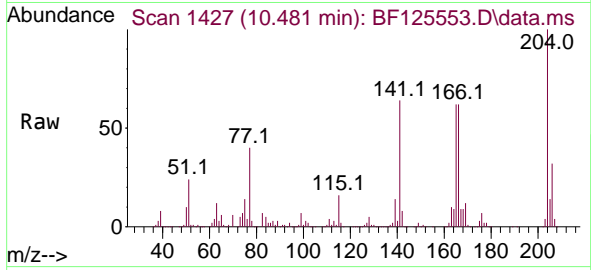
Tgt Ion:149 Resp: 1810332  
 Ion Ratio Lower Upper  
 149 100  
 177 21.4 16.5 24.7  
 150 12.5 10.1 15.1





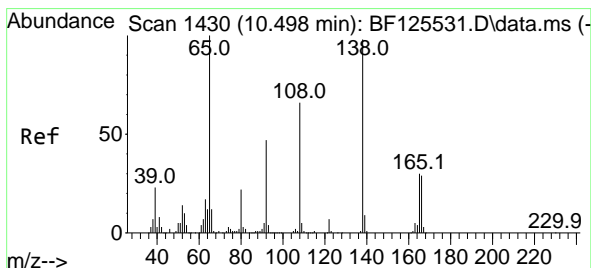
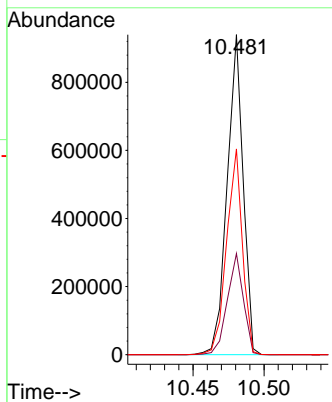
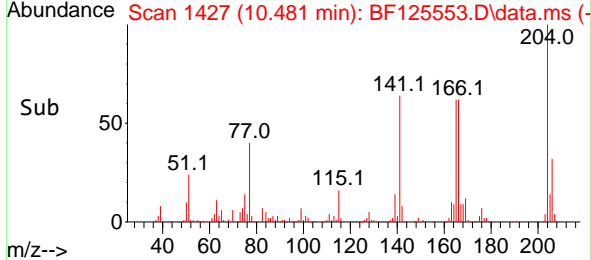
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.785 ng  
 RT: 10.481 min Scan# 1427  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

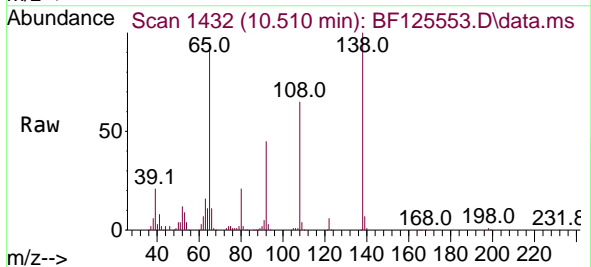


Tgt Ion:204 Resp: 737134  
 Ion Ratio Lower Upper  
 204 100  
 206 31.6 27.6 41.4  
 141 64.3 58.6 88.0

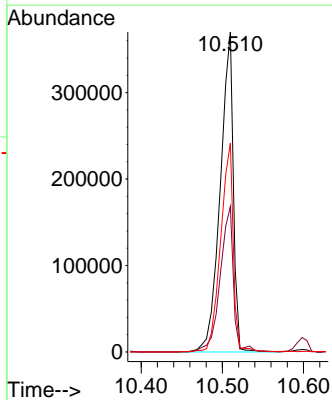
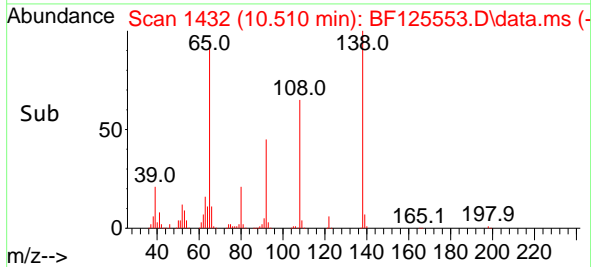
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

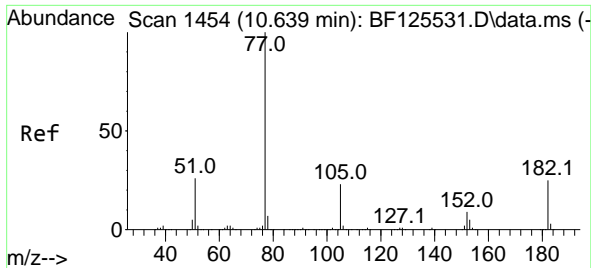


#62  
 4-Nitroaniline  
 Concen: 50.270 ng  
 RT: 10.510 min Scan# 1432  
 Delta R.T. 0.012 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



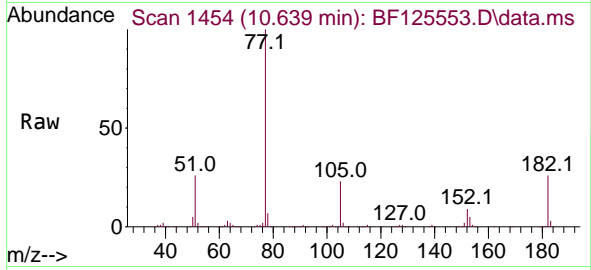
Tgt Ion:138 Resp: 415350  
 Ion Ratio Lower Upper  
 138 100  
 92 45.4 29.6 69.6  
 108 65.2 78.1 118.1#





#63  
 Azobenzene  
 Concen: 39.493 ng  
 RT: 10.639 min Scan# 1454  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

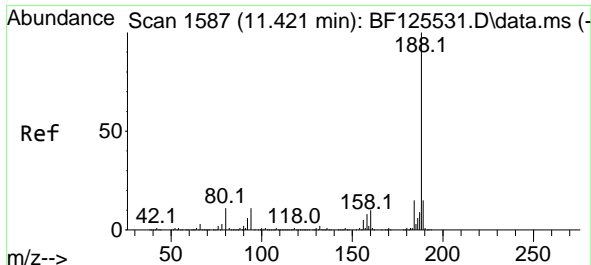
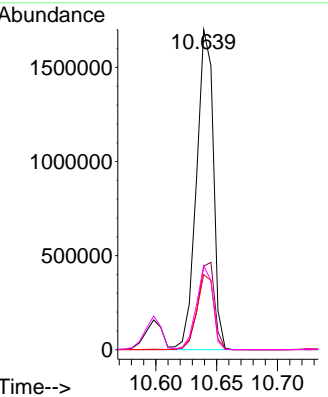
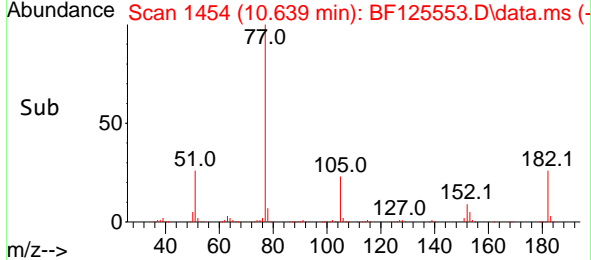
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



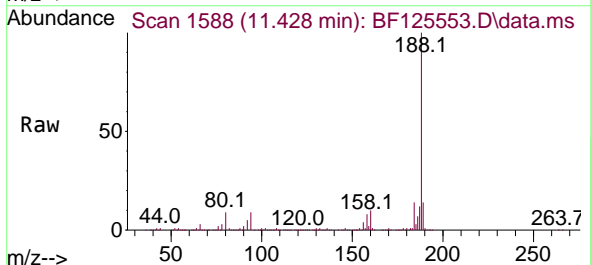
Tgt Ion: 77 Resp: 1636461

Ion	Ratio	Lower	Upper
77	100		
182	26.1	6.3	46.3
105	23.5	2.9	42.9
51	26.3	24.1	64.1

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

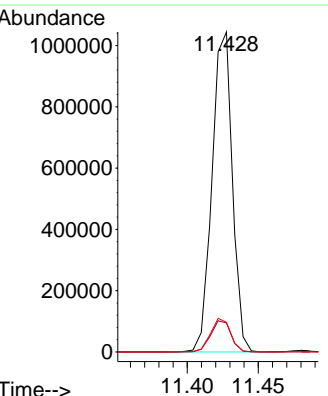
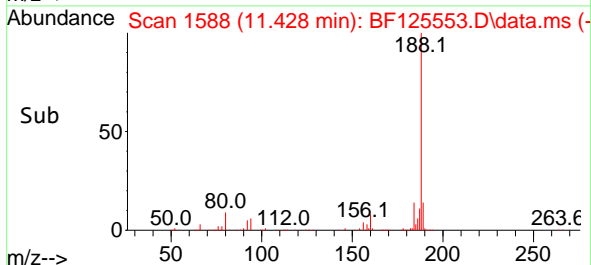


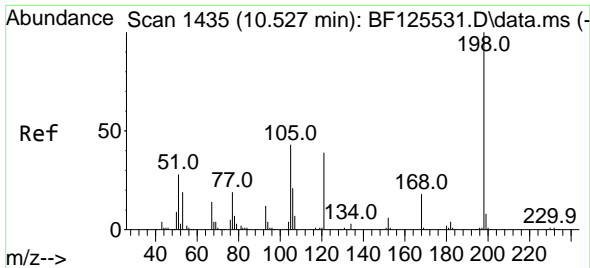
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.428 min Scan# 1588  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion: 188 Resp: 1038668

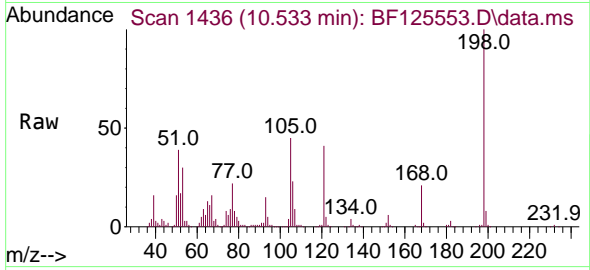
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	9.3	7.5	11.3





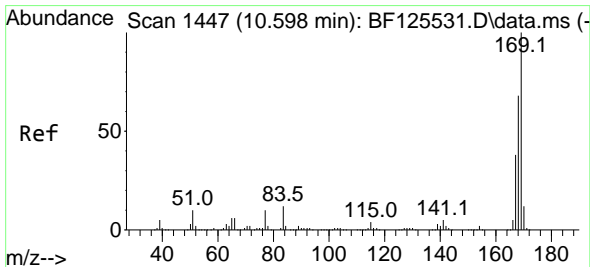
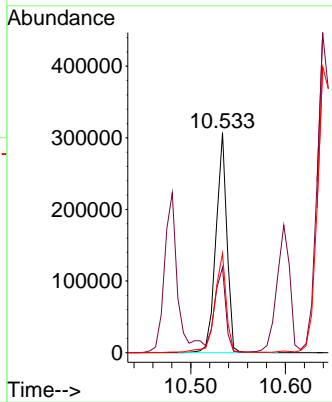
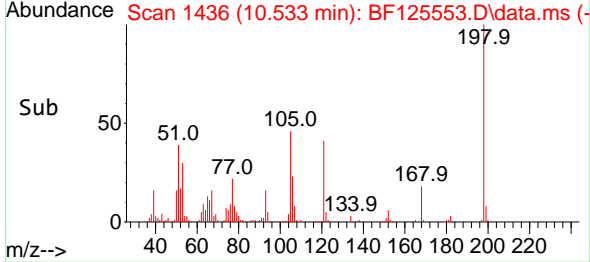
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 48.997 ng  
 RT: 10.533 min Scan# 1436  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

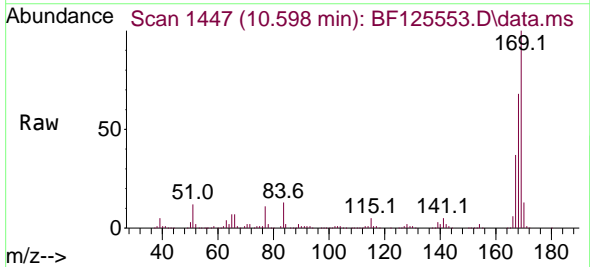


Tgt Ion:198 Resp: 247043  
 Ion Ratio Lower Upper  
 198 100  
 51 38.7 45.3 85.3#  
 105 45.2 30.6 70.6

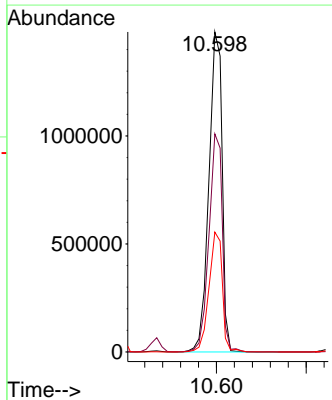
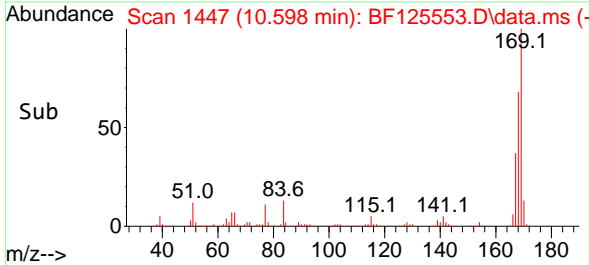
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

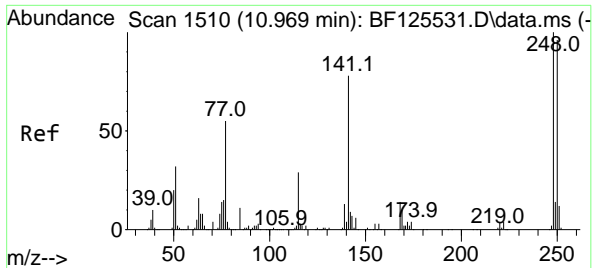


#66  
 n-Nitrosodiphenylamine  
 Concen: 40.073 ng  
 RT: 10.598 min Scan# 1447  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



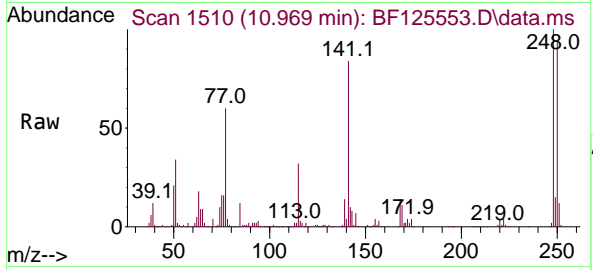
Tgt Ion:169 Resp: 1511125  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 50.8 76.2  
 167 37.5 28.8 43.2





#67  
 4-Bromophenyl-phenylether  
 Concen: 40.765 ng  
 RT: 10.969 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

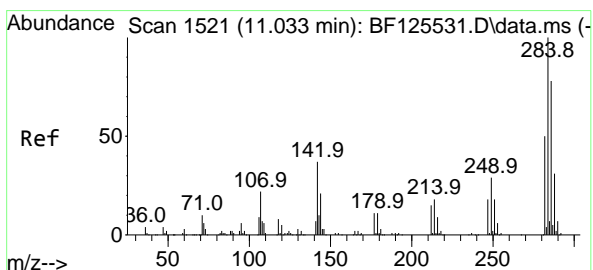
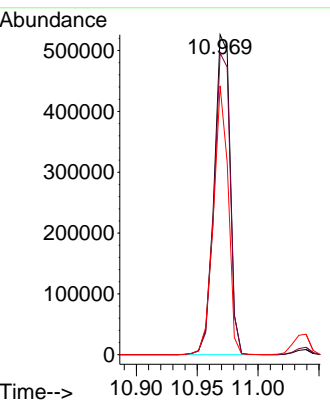
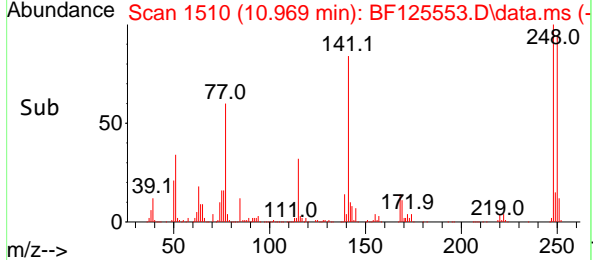
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



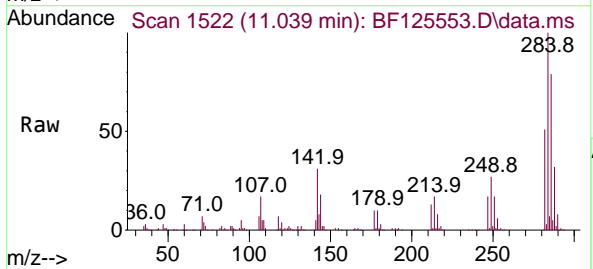
Tgt Ion:248 Resp: 483868

Ion	Ratio	Lower	Upper
248	100		
250	94.2	74.2	111.4
141	84.0	60.4	90.6

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

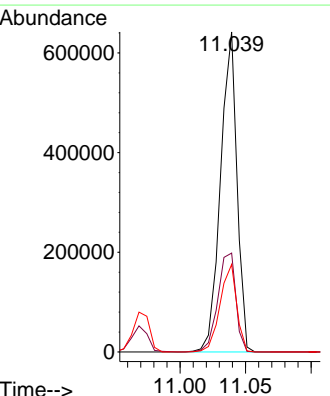
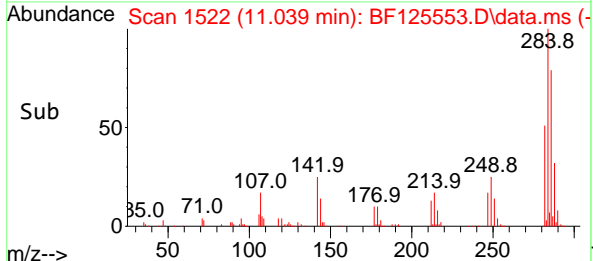


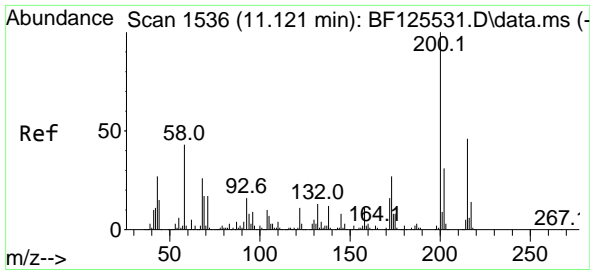
#68  
 Hexachlorobenzene  
 Concen: 41.895 ng  
 RT: 11.039 min Scan# 1522  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:284 Resp: 560428

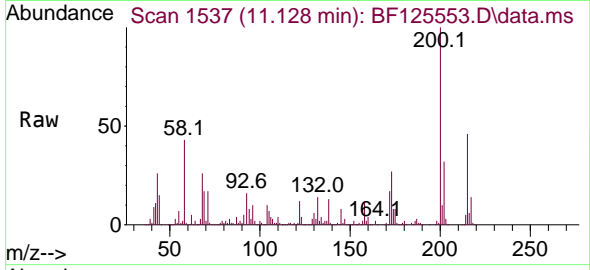
Ion	Ratio	Lower	Upper
284	100		
142	30.9	36.4	54.6#
249	27.4	25.6	38.4





#69  
 Atrazine  
 Concen: 46.867 ng  
 RT: 11.128 min Scan# 1537  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

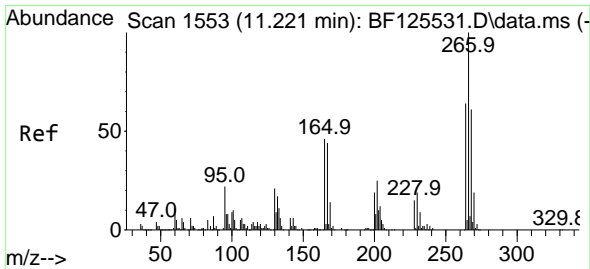
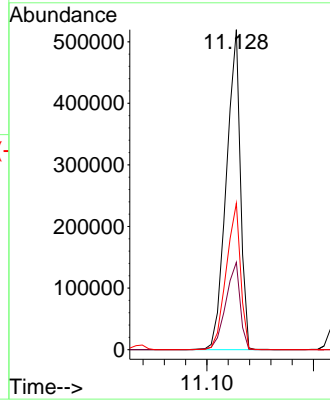
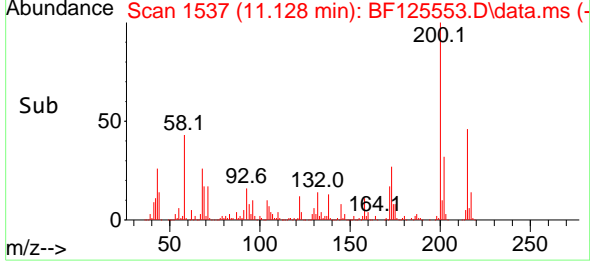
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB139236BS



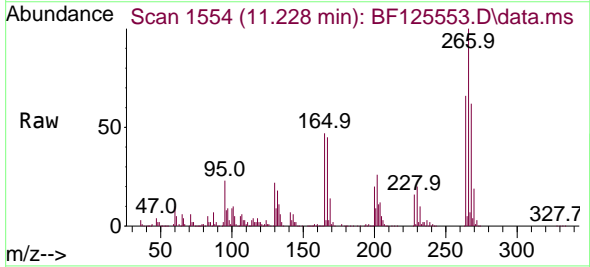
Tgt Ion:200 Resp: 475273  
 Ion Ratio Lower Upper  
 200 100  
 173 27.3 11.1 51.1  
 215 45.7 22.7 62.7

Manual Integrations  
 APPROVED

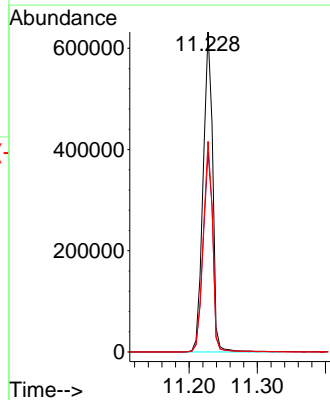
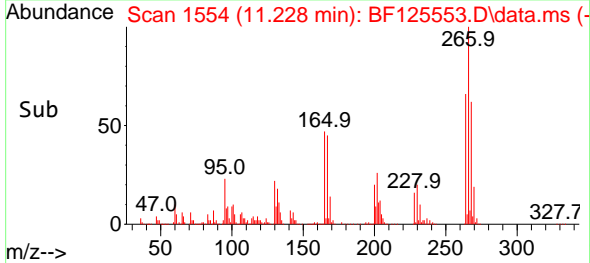
mohammad  
 9/23/2021 1:20:30 PM

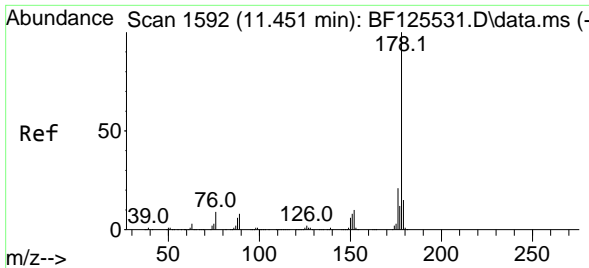


#70  
 Pentachlorophenol  
 Concen: 80.985 ng  
 RT: 11.228 min Scan# 1554  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



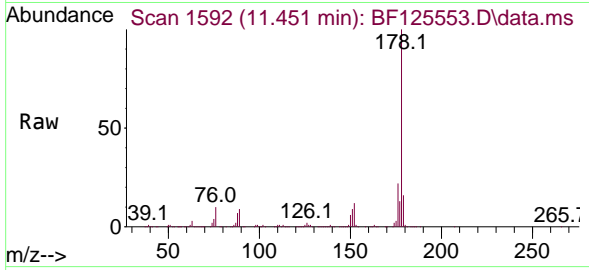
Tgt Ion:266 Resp: 617653  
 Ion Ratio Lower Upper  
 266 100  
 268 62.4 48.9 73.3  
 264 65.8 55.9 83.9





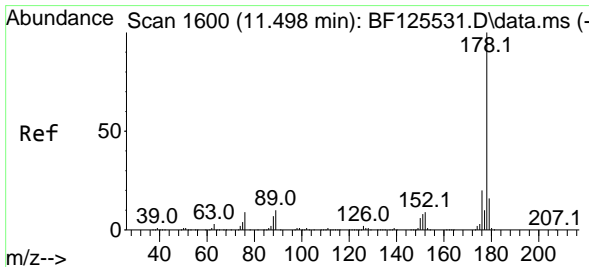
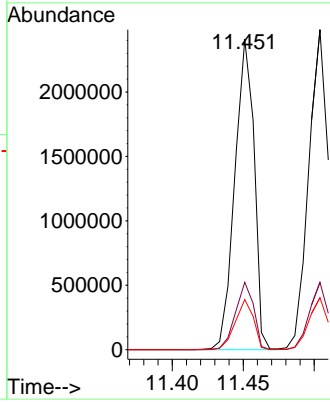
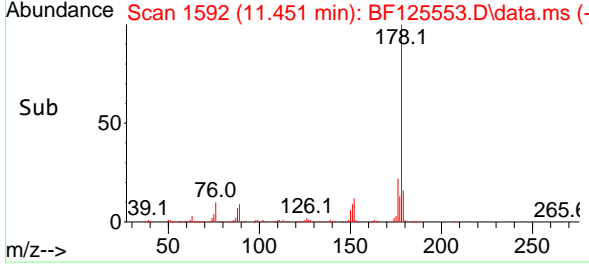
#71  
 Phenanthrene  
 Concen: 39.120 ng  
 RT: 11.451 min Scan# 1592  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

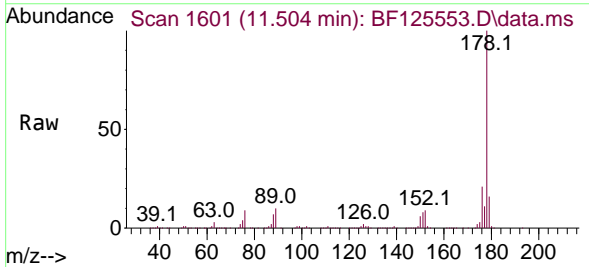


Tgt Ion:178 Resp: 2282429  
 Ion Ratio Lower Upper  
 178 100  
 176 21.7 14.7 22.1  
 179 16.2 11.5 17.3

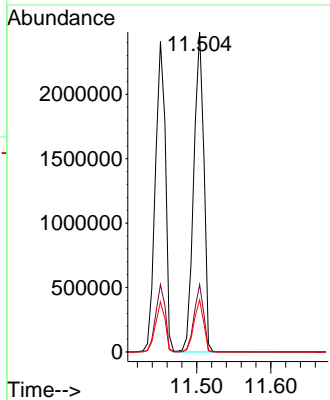
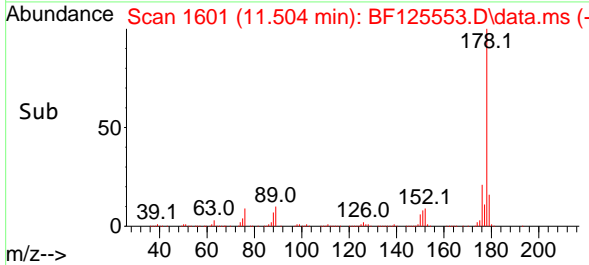
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

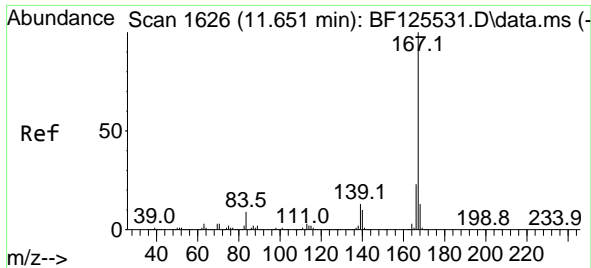


#72  
 Anthracene  
 Concen: 40.238 ng  
 RT: 11.504 min Scan# 1601  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



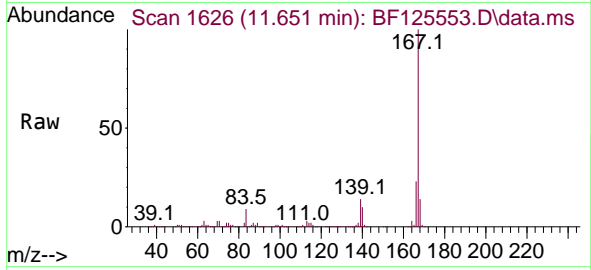
Tgt Ion:178 Resp: 2340132  
 Ion Ratio Lower Upper  
 178 100  
 176 21.1 14.3 21.5  
 179 16.3 12.2 18.4





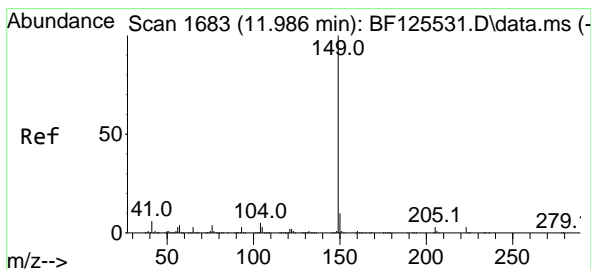
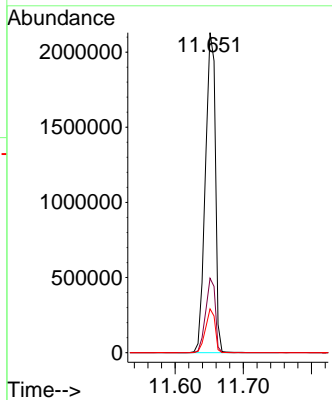
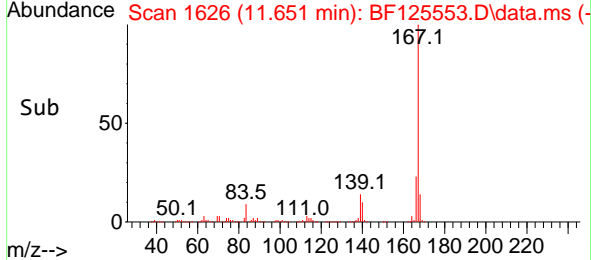
#73  
 Carbazole  
 Concen: 39.584 ng  
 RT: 11.651 min Scan# 1626  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

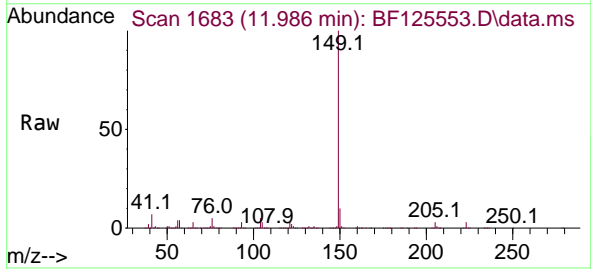


Tgt Ion:167 Resp: 2177319  
 Ion Ratio Lower Upper  
 167 100  
 166 23.2 17.4 26.0  
 139 13.7 11.0 16.4

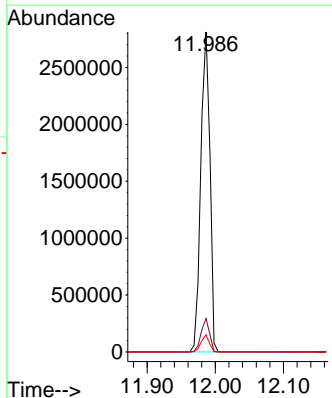
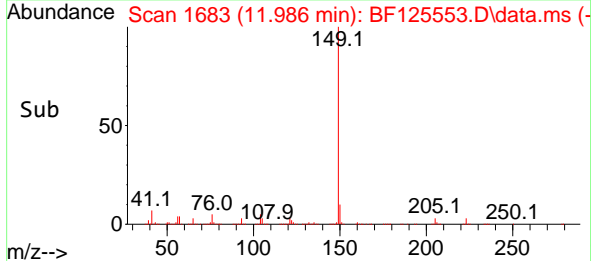
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM



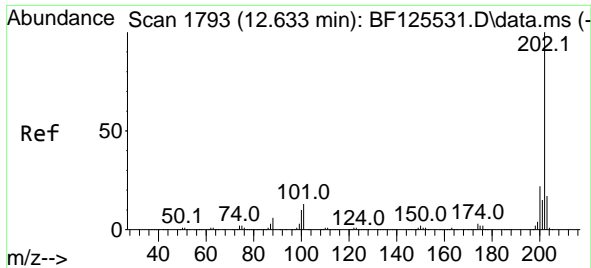
#74  
 Di-n-butylphthalate  
 Concen: 40.063 ng  
 RT: 11.986 min Scan# 1683  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:149 Resp: 2615303  
 Ion Ratio Lower Upper  
 149 100  
 150 10.5 7.4 11.2  
 104 5.4 4.1 6.1

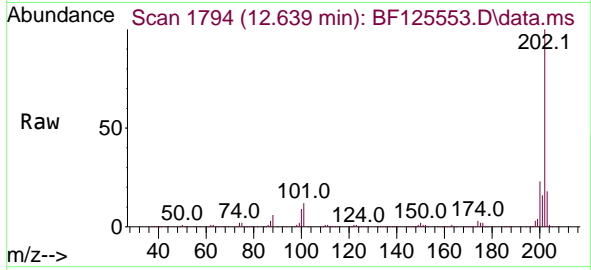






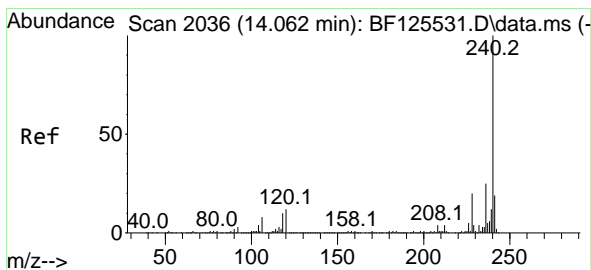
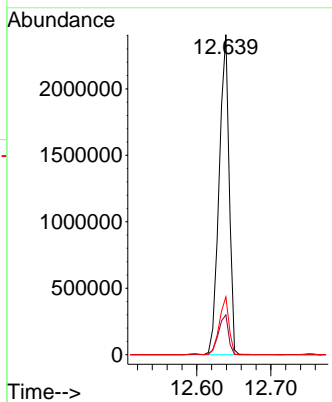
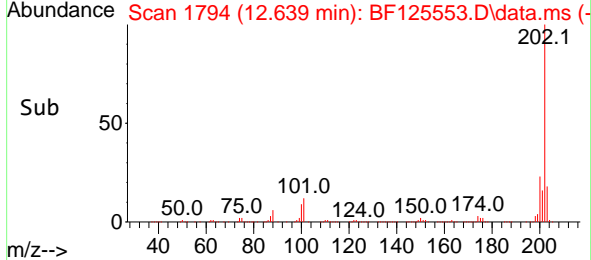
#75  
 Fluoranthene  
 Concen: 39.508 ng  
 RT: 12.639 min Scan# 1794  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

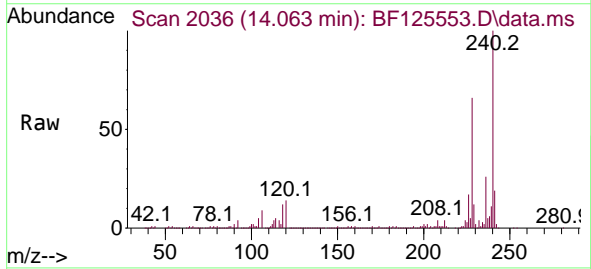


Tgt Ion: 202 Resp: 2261407  
 Ion Ratio Lower Upper  
 202 100  
 101 12.4 0.0 30.7  
 203 18.0 0.0 36.3

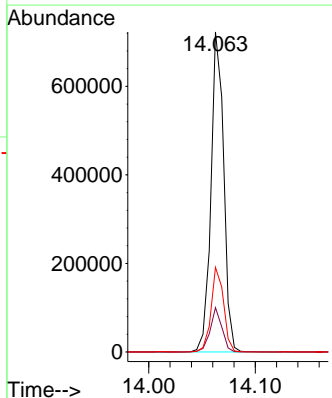
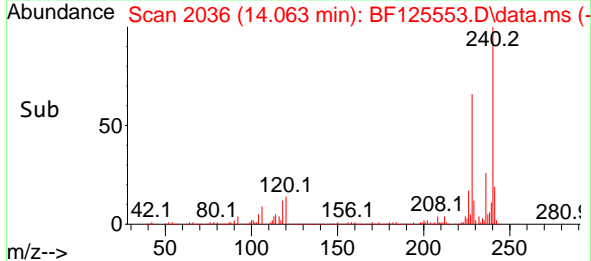
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

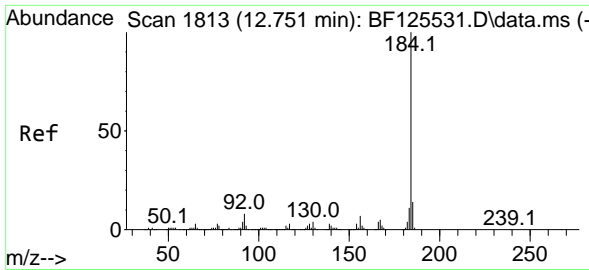


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.063 min Scan# 2036  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



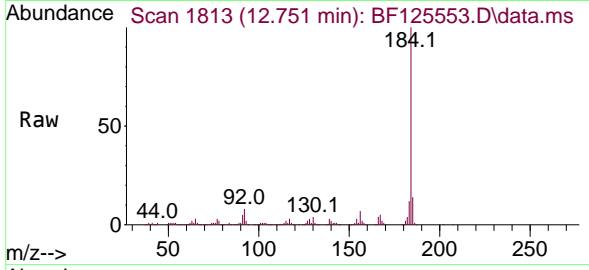
Tgt Ion: 240 Resp: 599293  
 Ion Ratio Lower Upper  
 240 100  
 120 13.9 10.8 16.2  
 236 26.4 21.6 32.4





#77  
Benzidine  
Concen: 58.594 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: BF125553.D  
Acq: 22 Sep 2021 11:43

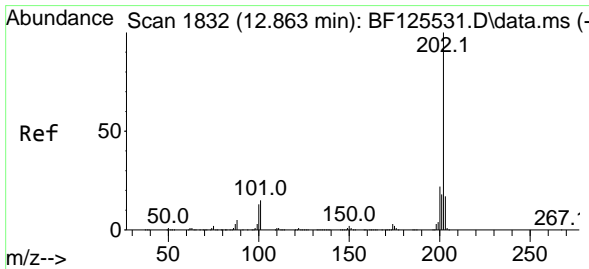
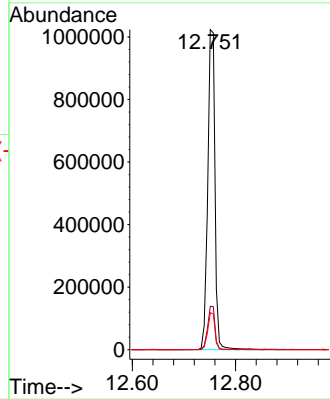
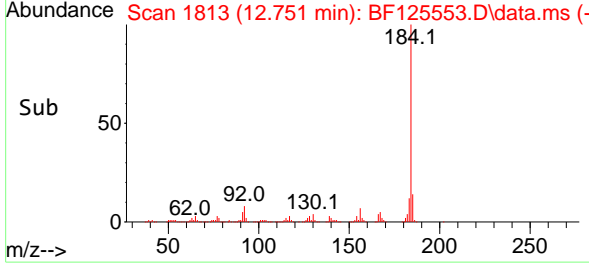
Instrument :  
BNA\_F  
ClientSampleId :  
PB139236BS



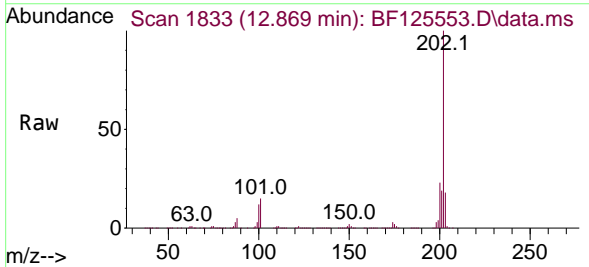
Tgt Ion:184 Resp: 995677  
Ion Ratio Lower Upper  
184 100  
185 13.5 10.8 16.2  
183 11.6 8.1 12.1

Manual Integrations  
APPROVED

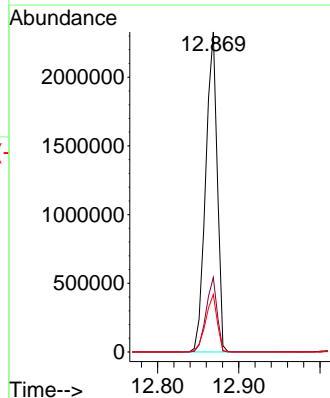
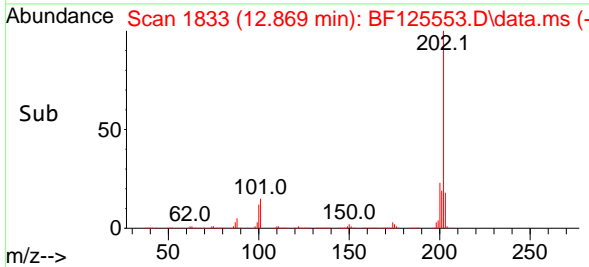
mohammad  
9/23/2021 1:20:30 PM

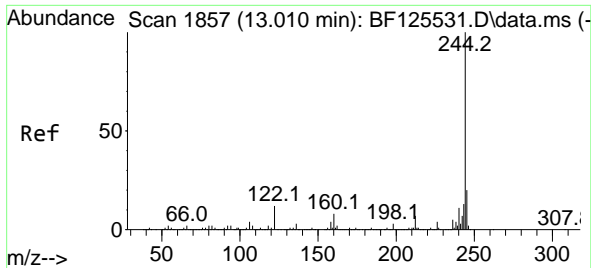


#78  
Pyrene  
Concen: 40.836 ng  
RT: 12.869 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: BF125553.D  
Acq: 22 Sep 2021 11:43



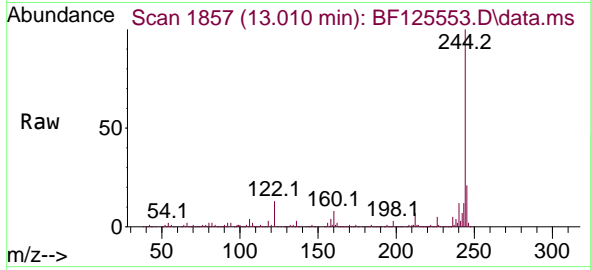
Tgt Ion:202 Resp: 2293404  
Ion Ratio Lower Upper  
202 100  
200 23.3 15.3 22.9#  
203 17.9 13.4 20.0





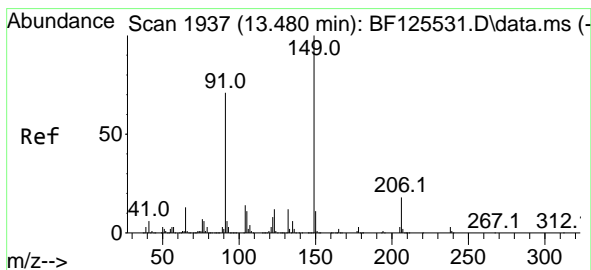
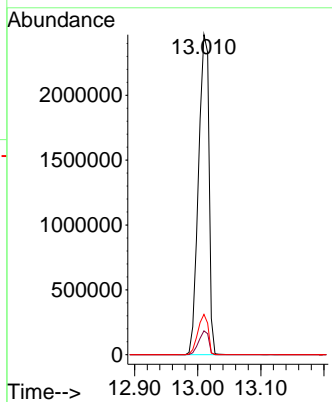
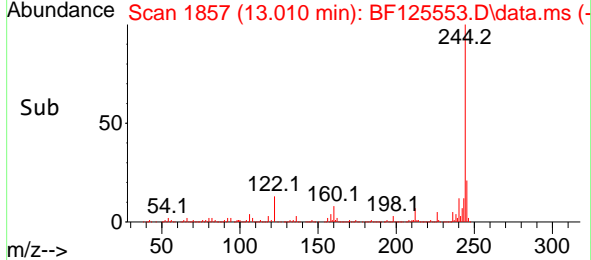
#79  
 Terphenyl-d14  
 Concen: 76.499 ng  
 RT: 13.010 min Scan# 1857  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

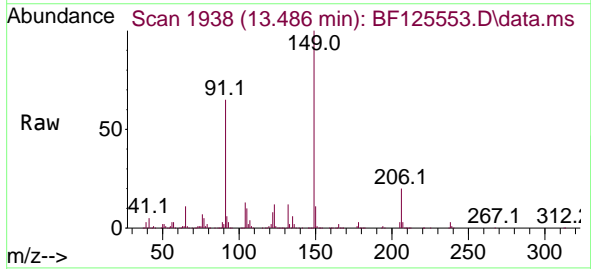


Tgt Ion:244 Resp: 2839053  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 12.6 9.0 13.4

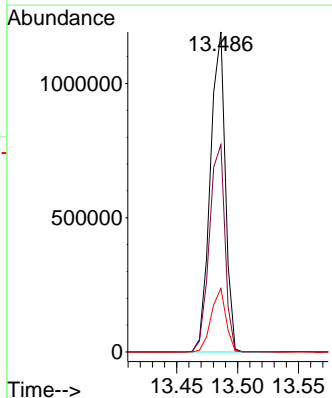
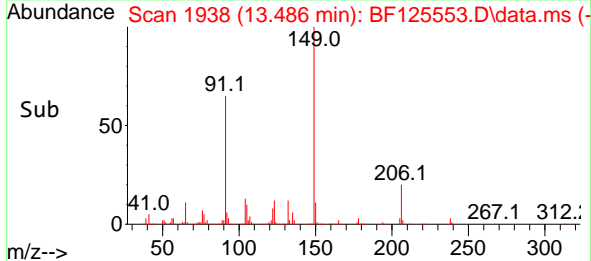
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

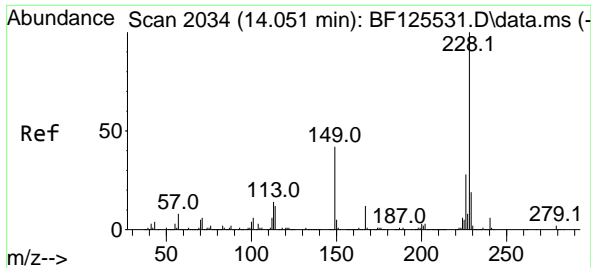


#80  
 Butylbenzylphthalate  
 Concen: 45.003 ng  
 RT: 13.486 min Scan# 1938  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



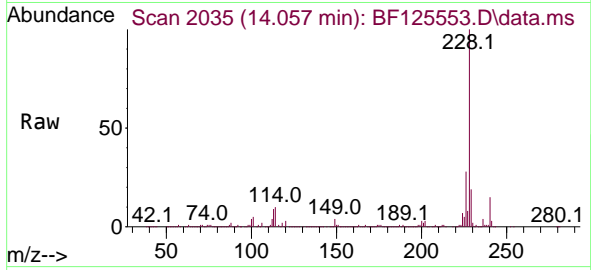
Tgt Ion:149 Resp: 1021267  
 Ion Ratio Lower Upper  
 149 100  
 91 64.8 51.8 77.8  
 206 19.9 14.5 21.7





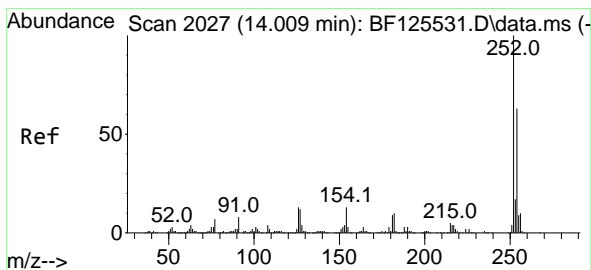
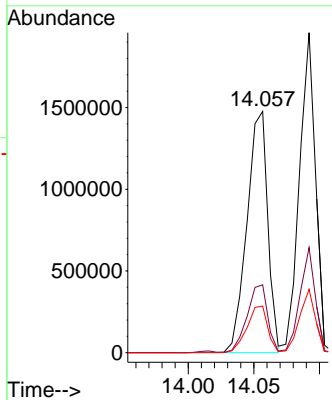
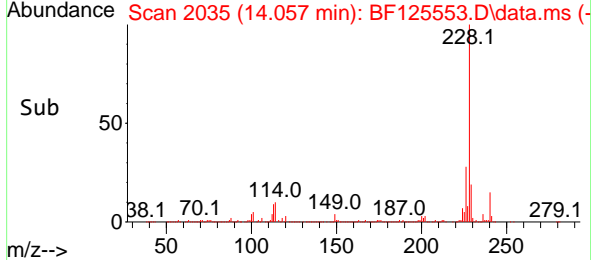
#81  
 Benzo(a)anthracene  
 Concen: 39.893 ng  
 RT: 14.057 min Scan# 2035  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

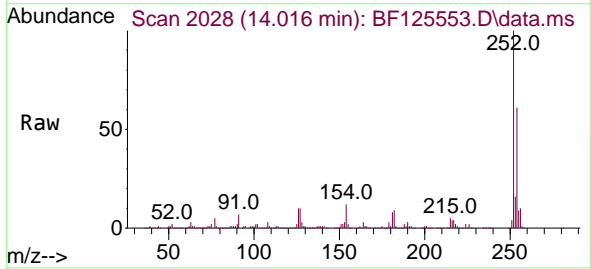


Tgt Ion:228 Resp: 1627442  
 Ion Ratio Lower Upper  
 228 100  
 226 28.1 21.6 32.4  
 229 19.3 15.6 23.4

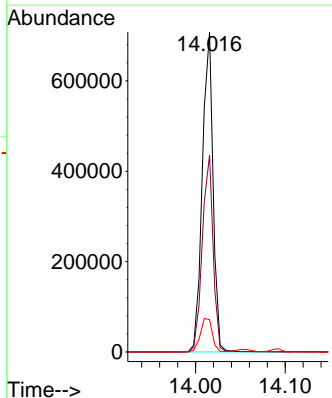
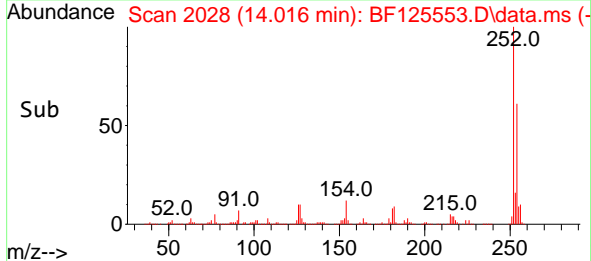
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

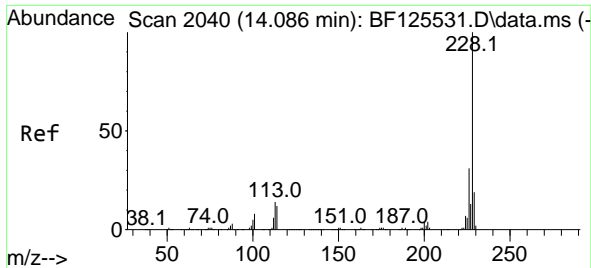


#82  
 3,3'-Dichlorobenzidine  
 Concen: 47.137 ng  
 RT: 14.016 min Scan# 2028  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



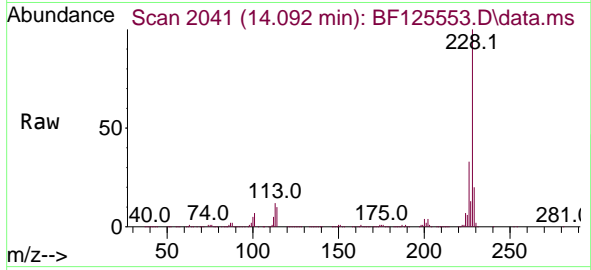
Tgt Ion:252 Resp: 589192  
 Ion Ratio Lower Upper  
 252 100  
 254 61.5 51.4 77.0  
 126 10.1 9.5 14.3





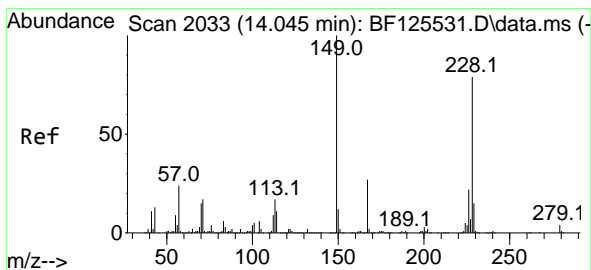
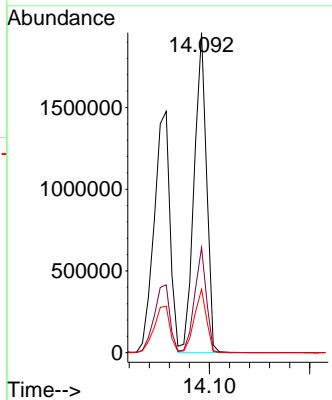
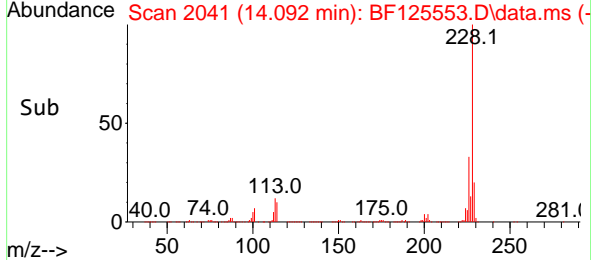
#83  
 Chrysene  
 Concen: 40.486 ng  
 RT: 14.092 min Scan# 2041  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

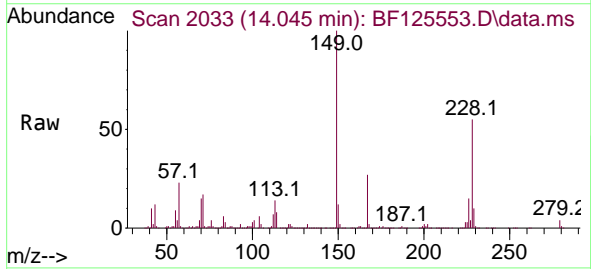


Tgt Ion:228 Resp: 1668443  
 Ion Ratio Lower Upper  
 228 100  
 226 32.9 22.6 34.0  
 229 19.8 15.9 23.9

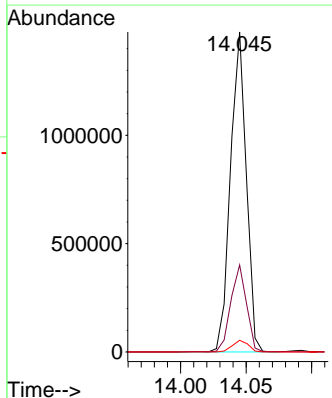
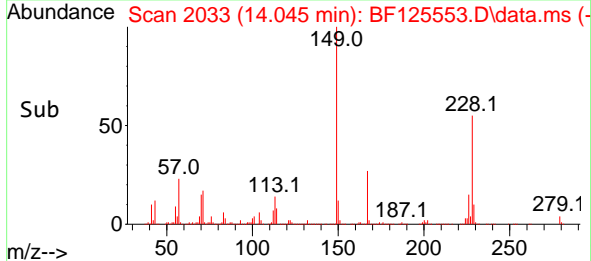
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

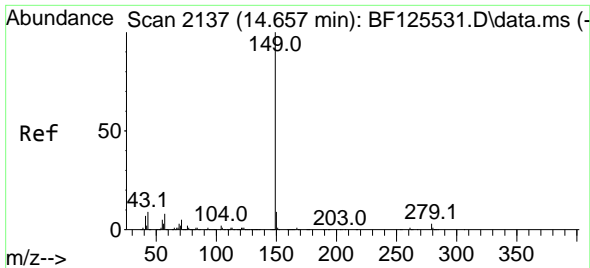


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.667 ng  
 RT: 14.045 min Scan# 2033  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



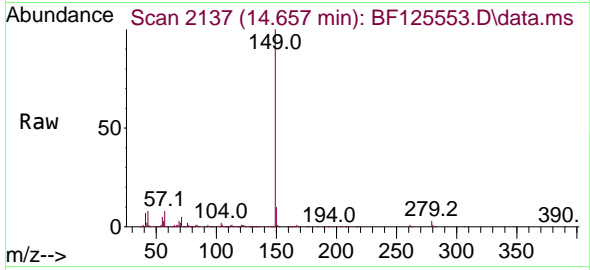
Tgt Ion:149 Resp: 1239158  
 Ion Ratio Lower Upper  
 149 100  
 167 27.2 21.4 32.0  
 279 3.7 2.6 4.0





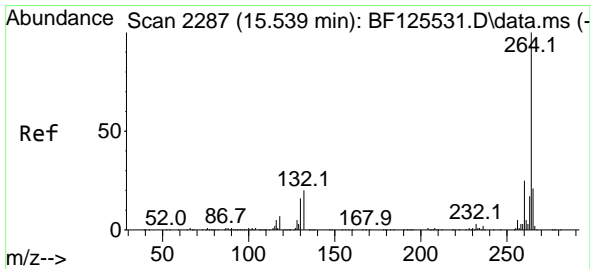
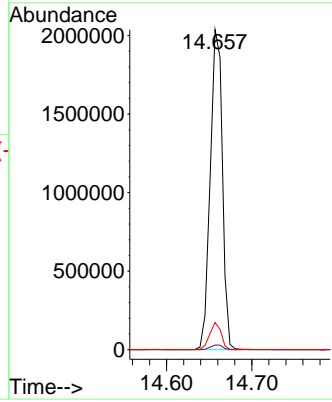
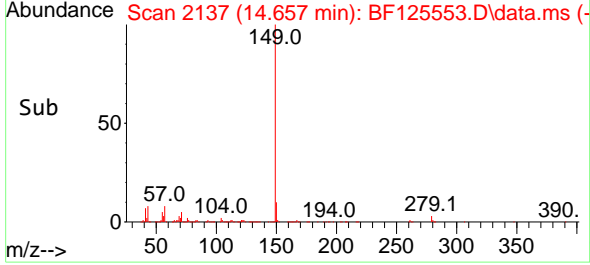
#85  
 Di-n-octyl phthalate  
 Concen: 43.761 ng  
 RT: 14.657 min Scan# 2137  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

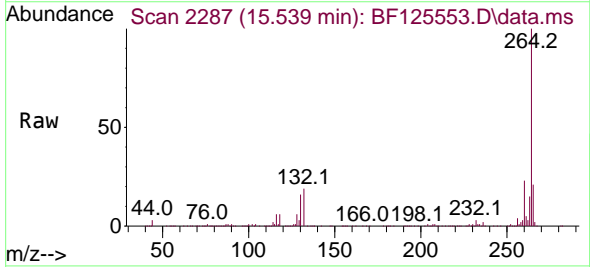


Tgt Ion:149 Resp: 2018588  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.0 1.6  
 43 8.0 9.9 14.9#

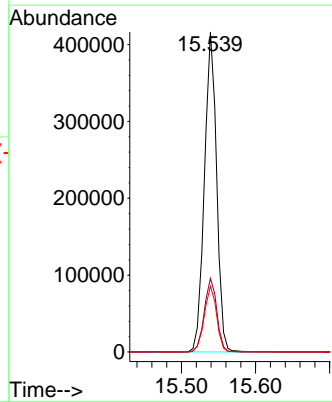
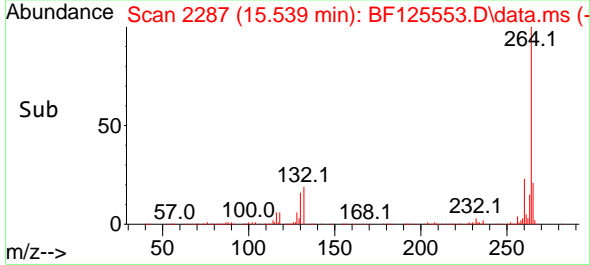
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

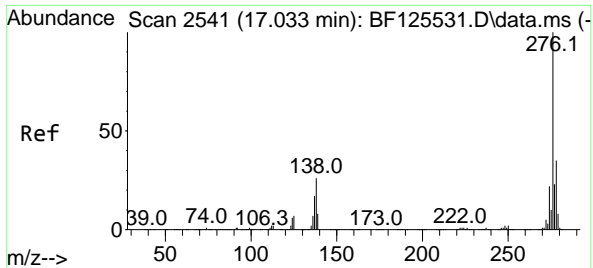


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2287  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



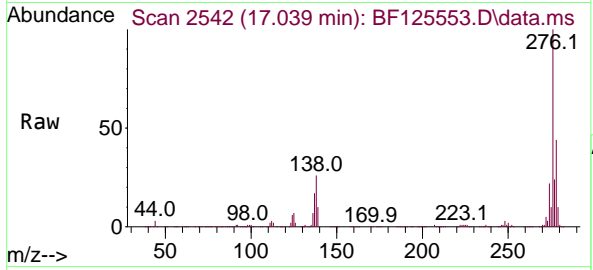
Tgt Ion:264 Resp: 477800  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.6 29.4  
 265 20.5 17.2 25.8





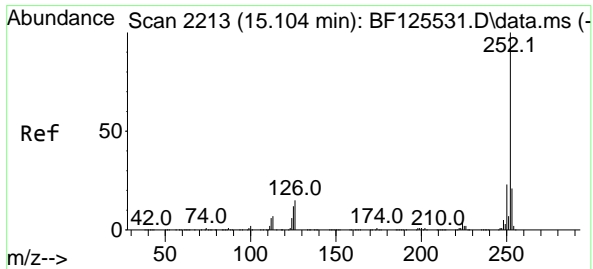
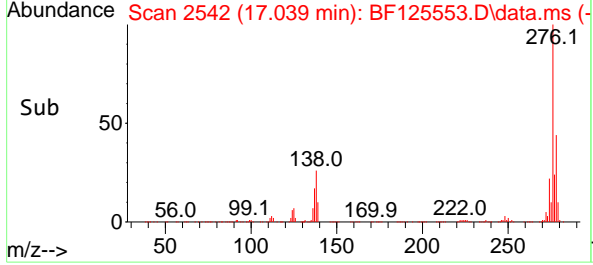
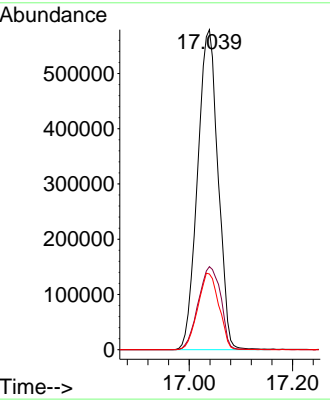
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.427 ng  
 RT: 17.039 min Scan# 2542  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

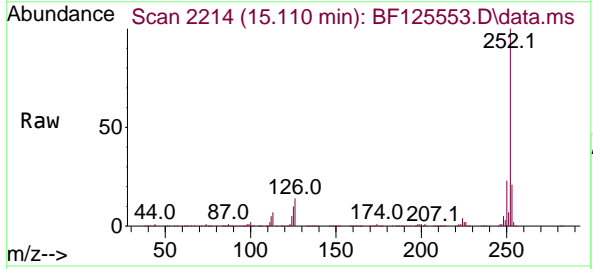


Tgt Ion: 276 Resp: 1592400  
 Ion Ratio Lower Upper  
 276 100  
 138 28.5 24.1 36.1  
 277 24.7 18.8 28.2

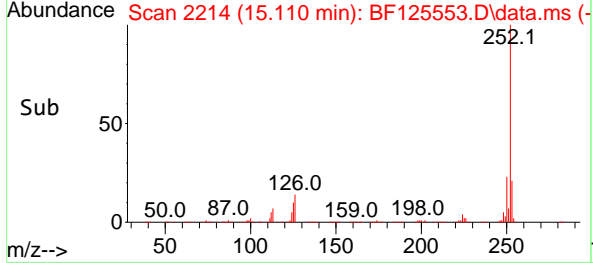
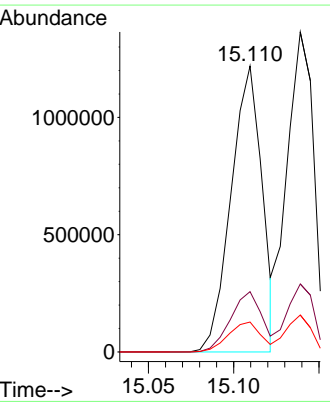
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM

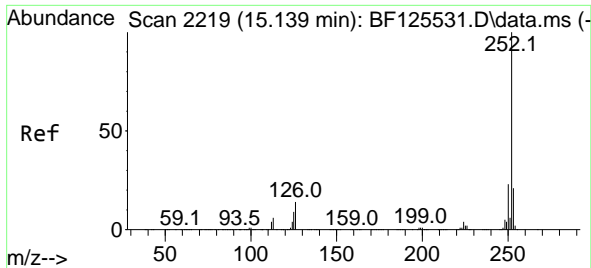


#88  
 Benzo(b)fluoranthene  
 Concen: 44.283 ng  
 RT: 15.110 min Scan# 2214  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



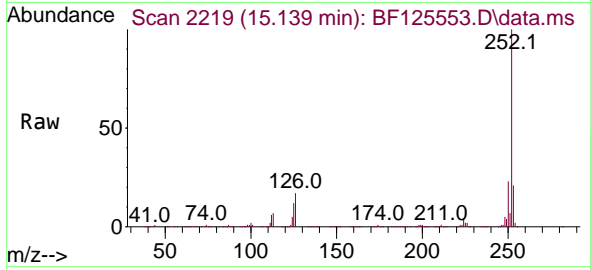
Tgt Ion: 252 Resp: 1547423  
 Ion Ratio Lower Upper  
 252 100  
 253 21.1 16.8 25.2  
 125 10.5 9.8 14.8





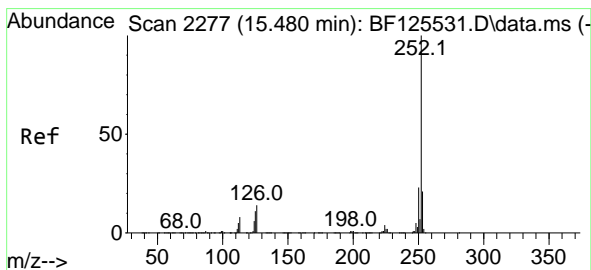
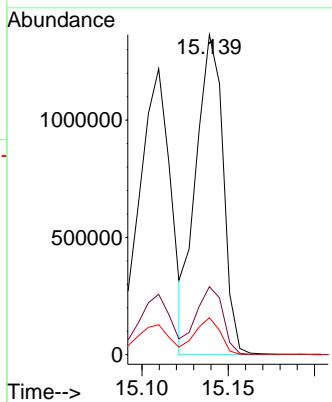
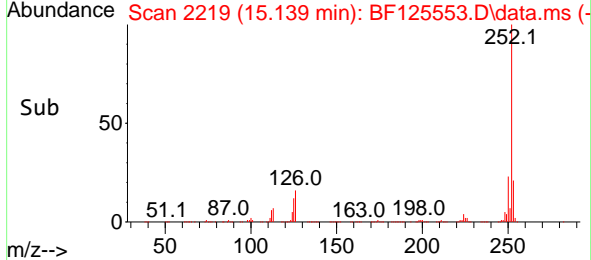
#89  
 Benzo(k)fluoranthene  
 Concen: 46.725 ng m  
 RT: 15.139 min Scan# 2219  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS

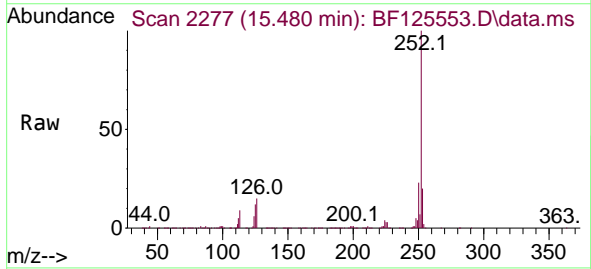


Tgt Ion:252 Resp: 1493250  
 Ion Ratio Lower Upper  
 252 100  
 253 21.3 17.8 26.8  
 125 11.5 7.2 10.8#

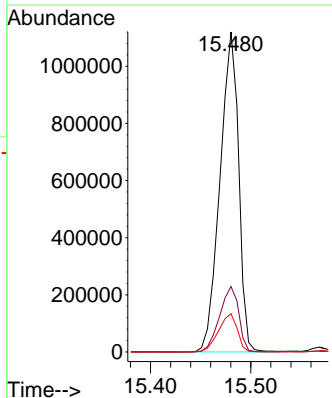
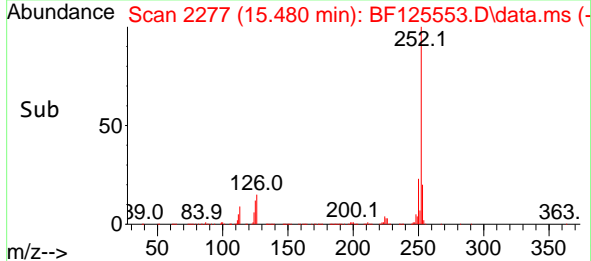
**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM



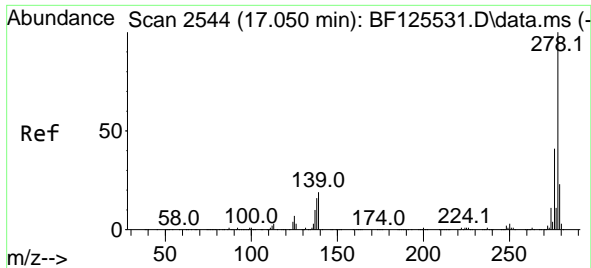
#90  
 Benzo(a)pyrene  
 Concen: 47.554 ng  
 RT: 15.480 min Scan# 2277  
 Delta R.T. 0.000 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:252 Resp: 1446291  
 Ion Ratio Lower Upper  
 252 100  
 253 20.5 18.4 27.6  
 125 12.0 9.9 14.9

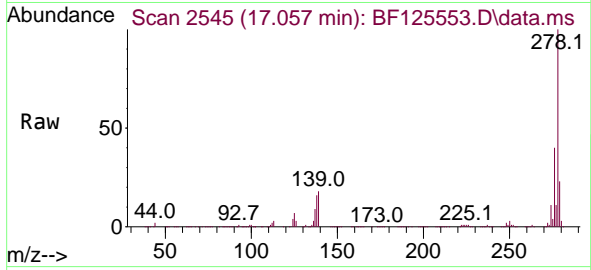






#91  
 Dibenzo(a,h)anthracene  
 Concen: 46.242 ng  
 RT: 17.057 min Scan# 2545  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43

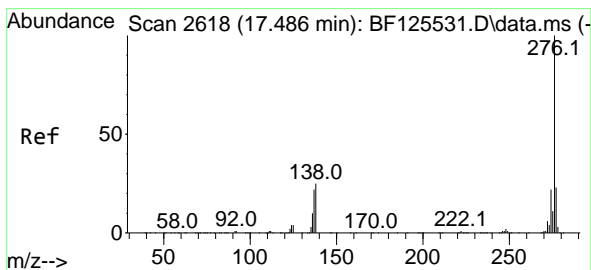
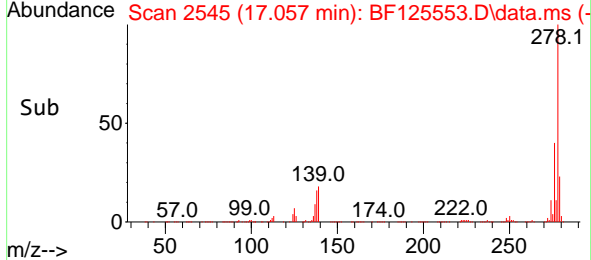
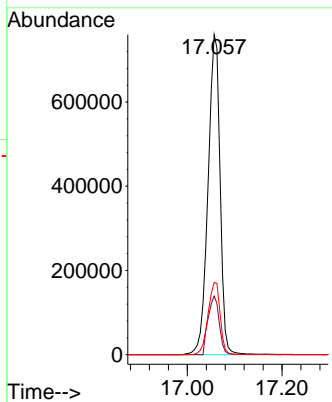
**Instrument :**  
 BNA\_F  
**ClientSampled :**  
 PB139236BS



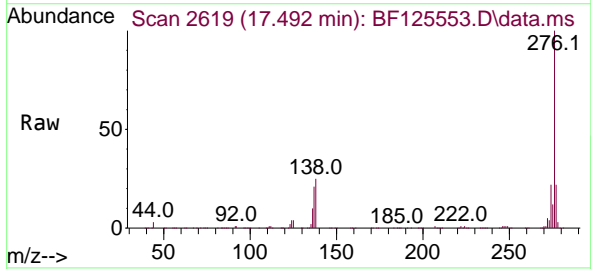
Tgt Ion:278 Resp: 1344229  

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.9	22.3
279	22.6	19.7	29.5

**Manual Integrations**  
**APPROVED**  
 mohammad  
 9/23/2021 1:20:30 PM



#92  
 Benzo(g,h,i)perylene  
 Concen: 46.704 ng  
 RT: 17.492 min Scan# 2619  
 Delta R.T. 0.006 min  
 Lab File: BF125553.D  
 Acq: 22 Sep 2021 11:43



Tgt Ion:276 Resp: 1339971  

Ion	Ratio	Lower	Upper
276	100		
277	22.5	22.0	33.0
138	24.6	22.2	33.4

