

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123684.D
 Acq On : 22 Apr 2021 10:29
 Operator : JU/CG
 Sample : PB135894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135894BS

Manual Integrations
 APPROVED

mohammad
 4/23/2021 8:37:05 AM

Quant Time: Apr 22 11:18:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	409043	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	1690141	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	881906	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1602782	20.00	ng	0.00
76) Chrysene-d12	14.045	240	972720	20.00	ng	0.01
86) Perylene-d12	15.521	264	615519	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2610506	103.15	ng	0.02
7) Phenol-d6	6.504	99	3573154	101.89	ng	0.01
23) Nitrobenzene-d5	7.428	82	2317927	63.05	ng	0.01
42) 2,4,6-Tribromophenol	10.704	330	1037017	103.84	ng	0.02
45) 2-Fluorobiphenyl	9.222	172	3548533	59.98	ng	0.00
79) Terphenyl-d14	12.986	244	3517455	70.28	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	457799	34.62	ng	98
3) Pyridine	3.463	79	1225128	37.89	ng	94
4) n-Nitrosodimethylamine	3.422	42	776889	40.55	ng	99
6) Aniline	6.528	93	1153740	27.95	ng	96
8) 2-Chlorophenol	6.651	128	1149519	42.29	ng	100
9) Benzaldehyde	6.398	77	177412	7.75	ng	98
10) Phenol	6.516	94	1509274	40.52	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	1213068	43.80	ng	98
12) 1,3-Dichlorobenzene	6.798	146	1114875	39.89	ng	97
13) 1,4-Dichlorobenzene	6.875	146	1140409	40.21	ng	97
14) 1,2-Dichlorobenzene	7.028	146	1058008	39.70	ng	98
15) Benzyl Alcohol	7.004	79	1196565	43.24	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	2591719	41.46	ng	95
17) 2-Methylphenol	7.122	107	1063911	45.55	ng	# 90
18) Hexachloroethane	7.369	117	482540	42.68	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	953395	41.04	ng	99
20) 3+4-Methylphenols	7.275	107	1216179	40.81	ng	96
22) Acetophenone	7.269	105	1794153	38.28	ng	# 91
24) Nitrobenzene	7.445	77	1483631	38.33	ng	98
25) Isophorone	7.687	82	2843247	39.86	ng	99
26) 2-Nitrophenol	7.757	139	650247	49.16	ng	98
27) 2,4-Dimethylphenol	7.798	122	1095283	44.87	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	1606462	44.88	ng	99
29) 2,4-Dichlorophenol	8.004	162	970364	40.83	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	987886	38.68	ng	99
31) Naphthalene	8.163	128	3294921	37.85	ng	99
32) Benzoic acid	7.963	122	780601	48.06	ng	94
33) 4-Chloroaniline	8.210	127	583930	16.33	ng	97
34) Hexachlorobutadiene	8.281	225	603861	37.68	ng	100
35) Caprolactam	8.616	113	393064m	47.37	ng	
36) 4-Chloro-3-methylphenol	8.710	107	1263202	40.98	ng	97
37) 2-Methylnaphthalene	8.857	142	2219355	38.88	ng	97
38) 1-Methylnaphthalene	8.957	142	2056895	38.08	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	948215	38.96	ng	99
41) Hexachlorocyclopentadiene	9.010	237	835842	66.08	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	684448	41.44	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123684.D
 Acq On : 22 Apr 2021 10:29
 Operator : JU/CG
 Sample : PB135894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135894BS

Manual Integrations
 APPROVED

mohammad
 4/23/2021 8:37:05 AM

Quant Time: Apr 22 11:18:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	724812	40.14	ng	97
46) 1,1'-Biphenyl	9.328	154	2666401	38.63	ng	99
47) 2-Chloronaphthalene	9.351	162	1989345	38.30	ng	98
48) 2-Nitroaniline	9.451	65	935208	43.21	ng	97
49) Acenaphthylene	9.769	152	3327535	39.16	ng	98
50) Dimethylphthalate	9.634	163	2463176	40.43	ng	100
51) 2,6-Dinitrotoluene	9.692	165	535836	40.06	ng	97
52) Acenaphthene	9.939	154	2006273	36.80	ng	99
53) 3-Nitroaniline	9.863	138	391836	25.26	ng	94
54) 2,4-Dinitrophenol	9.975	184	615301	104.74	ng	92
55) Dibenzofuran	10.116	168	2774838	35.48	ng	99
56) 4-Nitrophenol	10.045	139	847764	71.31	ng	94
57) 2,4-Dinitrotoluene	10.104	165	698953	39.13	ng	# 87
58) Fluorene	10.457	166	2225414	36.20	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	600218	41.74	ng	98
60) Diethylphthalate	10.333	149	2571168	38.55	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	1078503	38.01	ng	100
62) 4-Nitroaniline	10.486	138	570462	36.41	ng	96
63) Azobenzene	10.610	77	2754215	36.45	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	386927	46.27	ng	# 73
66) n-Nitrosodiphenylamine	10.569	169	1994999	38.88	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	681493	40.67	ng	96
68) Hexachlorobenzene	11.004	284	771298	40.84	ng	97
69) Atrazine	11.098	200	620597	38.81	ng	99
70) Pentachlorophenol	11.204	266	794808	80.56	ng	97
71) Phenanthrene	11.422	178	3052976	36.50	ng	97
72) Anthracene	11.475	178	3133666	37.48	ng	98
73) Carbazole	11.628	167	2918398	34.97	ng	98
74) Di-n-butylphthalate	11.957	149	3800178	37.63	ng	99
75) Fluoranthene	12.610	202	3222461	35.05	ng	99
77) Benzidine	12.727	184	453650	17.16	ng	99
78) Pyrene	12.839	202	3161517	44.53	ng	99
80) Butylbenzylphthalate	13.457	149	1527873	45.80	ng	99
81) Benzo(a)anthracene	14.033	228	2268264	38.05	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	549995	28.88	ng	99
83) Chrysene	14.074	228	2209228	36.91	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1945031	43.85	ng	100
85) Di-n-octyl phthalate	14.633	149	2989980	41.88	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1879019	57.22	ng	98
88) Benzo(b)fluoranthene	15.092	252	2037552	46.89	ng	98
89) Benzo(k)fluoranthene	15.127	252	1615635	41.38	ng	99
90) Benzo(a)pyrene	15.463	252	1553915	44.95	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	1556215	56.03	ng	98
92) Benzo(g,h,i)perylene	17.474	276	1578297	55.56	ng	97

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

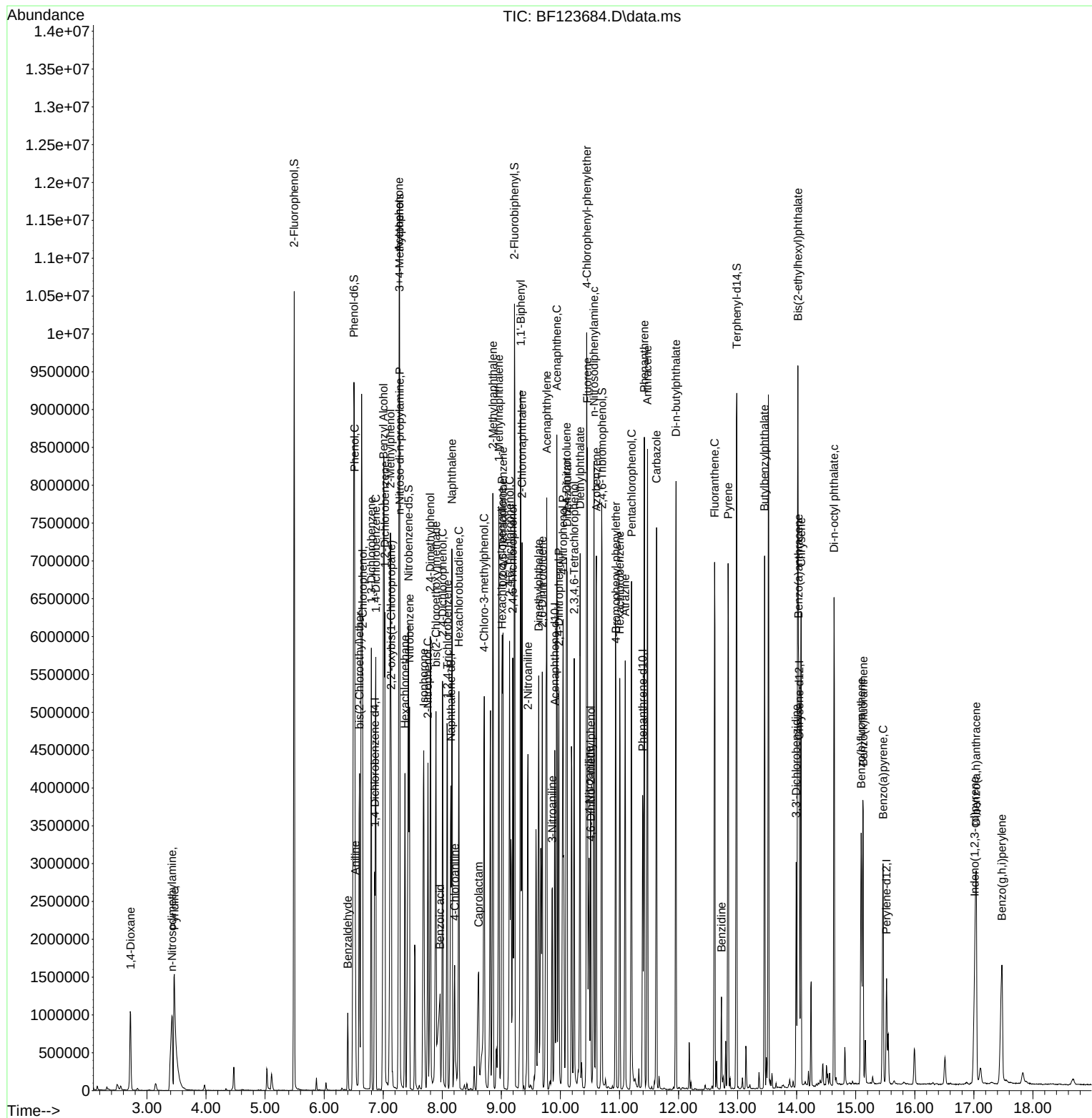
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042221\
 Data File : BF123684.D
 Acq On : 22 Apr 2021 10:29
 Operator : JU/CG
 Sample : PB135894BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

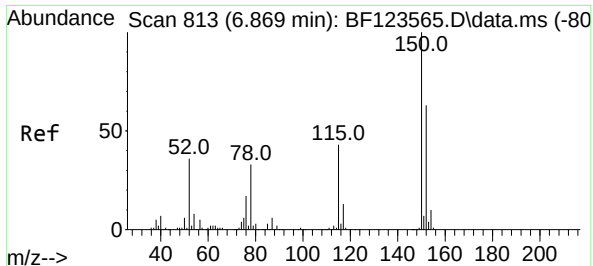
Instrument :
 BNA_F
 ClientSampled :
 PB135894BS

Manual Integrations
 APPROVED

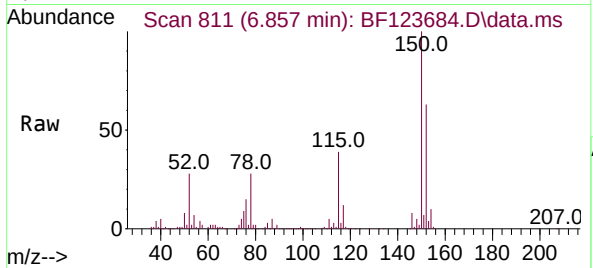
mohammad
 4/23/2021 8:37:05 AM

Quant Time: Apr 22 11:18:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

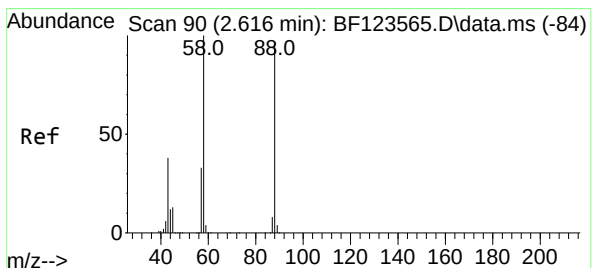
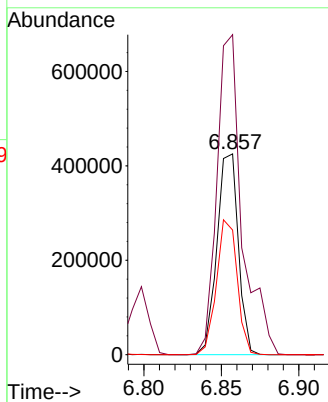
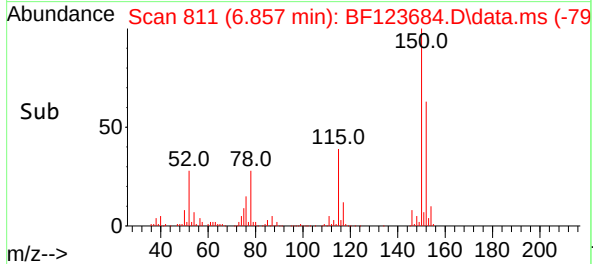




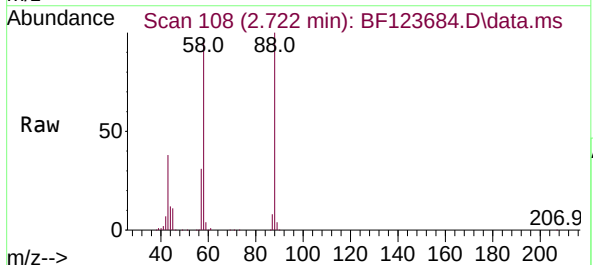
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



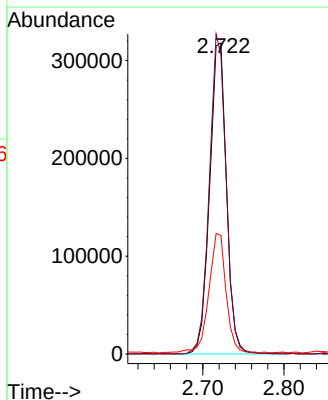
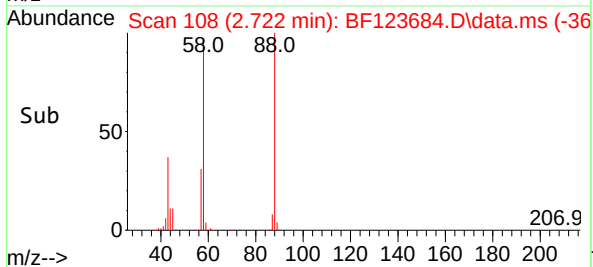
Tgt Ion: 152 Resp: 409043
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 62.1 54.3 81.5



#2
1,4-Dioxane
Concen: 34.62 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.124 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



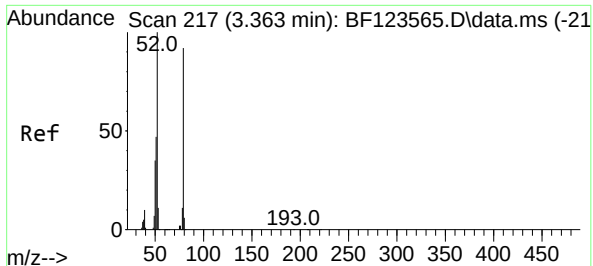
Tgt Ion: 88 Resp: 457799
Ion Ratio Lower Upper
88 100
58 102.1 83.8 125.8
43 39.3 32.2 48.4



Instrument :
BNA_F
ClientSampled :
PB135894BS

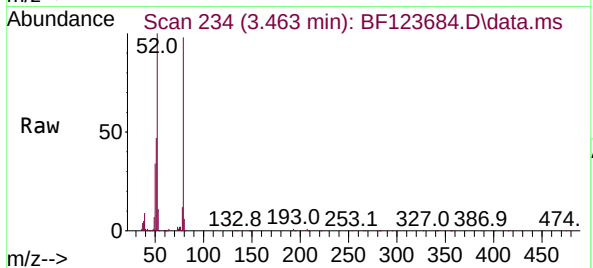
Manual Integrations
APPROVED

mohammad
4/23/2021 8:37:05 AM



#3
Pyridine
Concen: 37.89 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.118 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

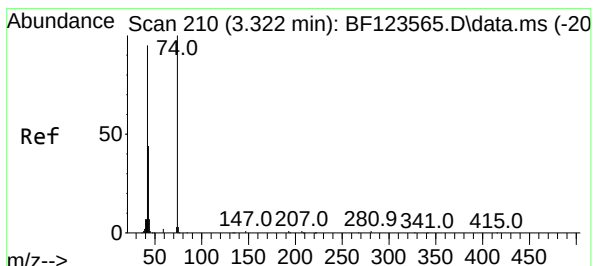
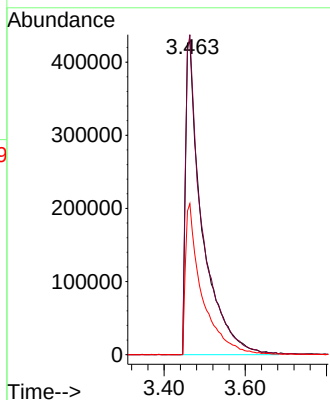
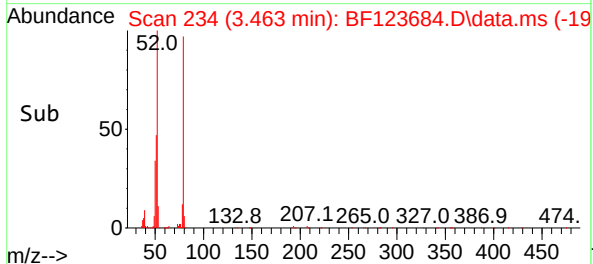
Instrument :
BNA_F
ClientSampleId :
PB135894BS



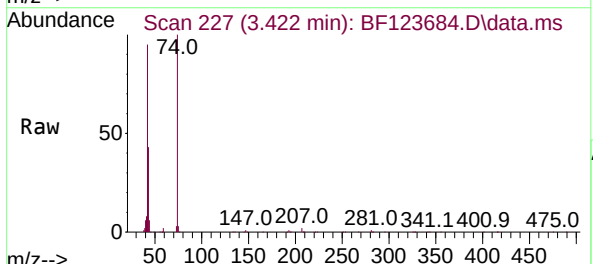
Tgt Ion: 79 Resp: 1225128
Ion Ratio Lower Upper
79 100
52 102.4 87.4 131.0
51 48.3 41.4 62.0

Manual Integrations
APPROVED

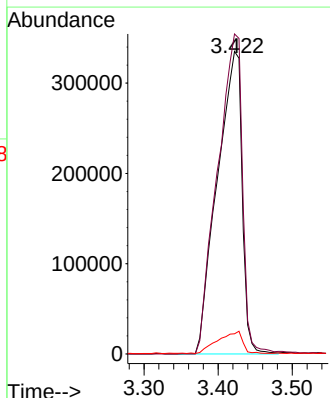
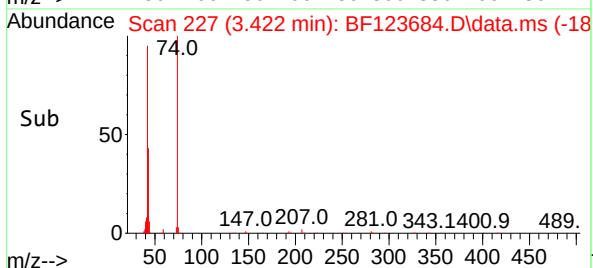
mohammad
4/23/2021 8:37:05 AM

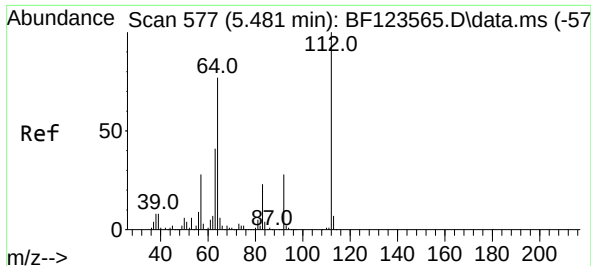


#4
n-Nitrosodimethylamine
Concen: 40.55 ng
RT: 3.422 min Scan# 227
Delta R.T. 0.124 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion: 42 Resp: 776889
Ion Ratio Lower Upper
42 100
74 105.8 83.5 125.3
44 6.7 5.7 8.5





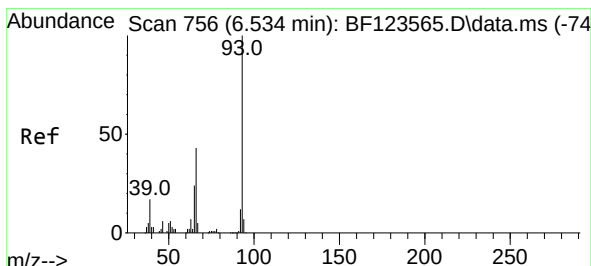
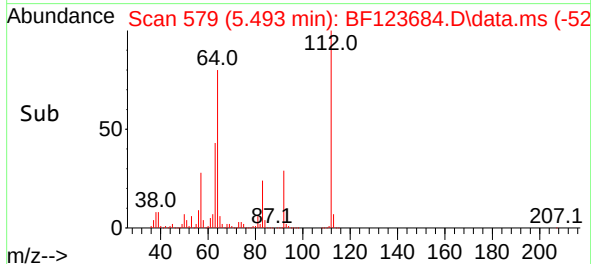
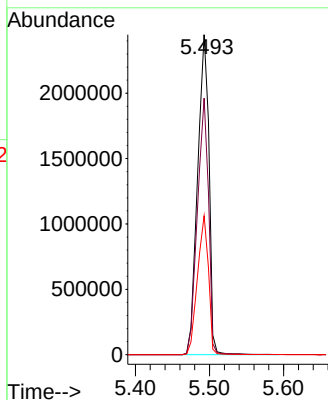
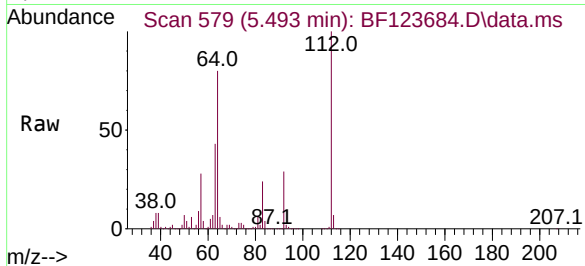
#5
2-Fluorophenol
Concen: 103.15 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 112 Resp: 2610506
Ion Ratio Lower Upper
112 100
64 80.2 61.4 92.0
63 43.4 33.0 49.4

Instrument :
BNA_F
ClientSampleId :
PB135894BS

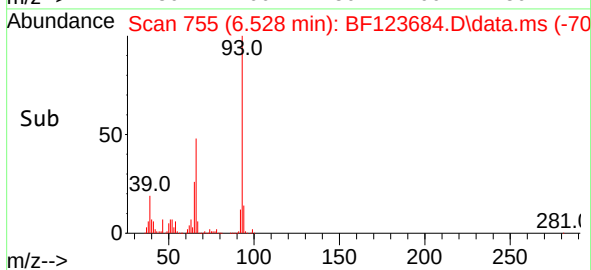
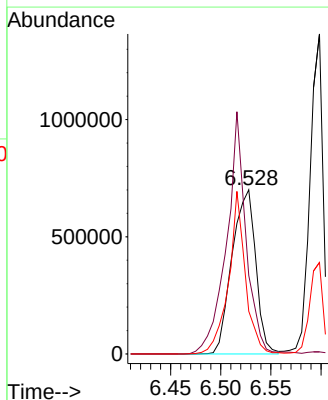
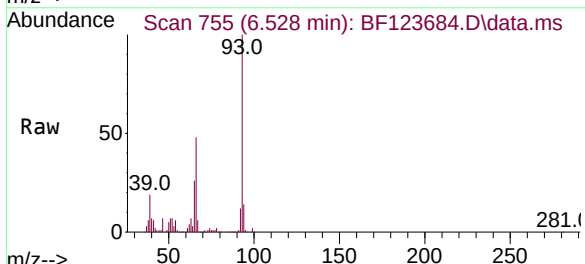
Manual Integrations
APPROVED

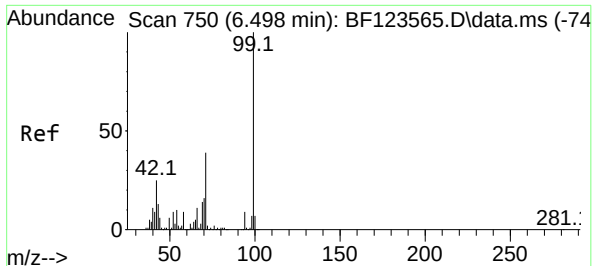
mohammad
4/23/2021 8:37:05 AM



#6
Aniline
Concen: 27.95 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 93 Resp: 1153740
Ion Ratio Lower Upper
93 100
66 47.8 36.4 54.6
65 26.0 19.4 29.0





#7
Phenol-d6
Concen: 101.89 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

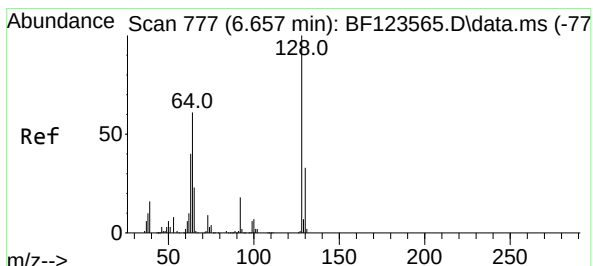
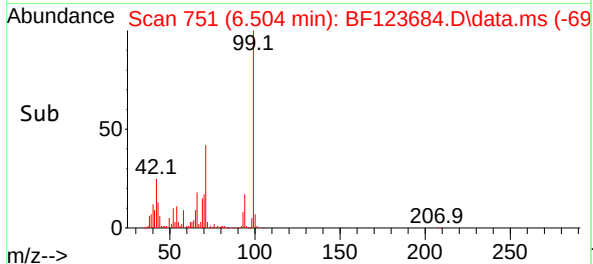
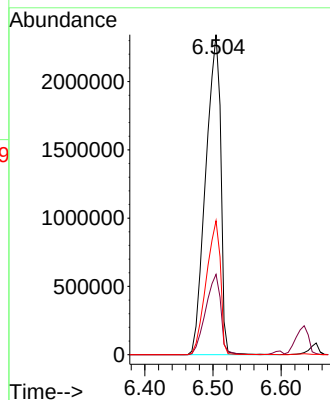
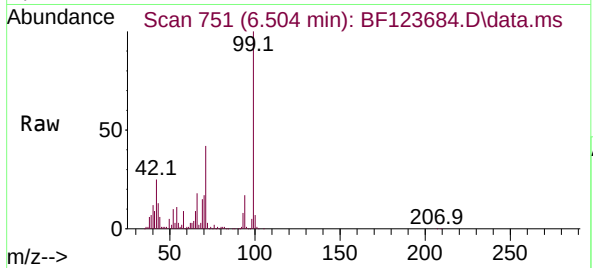
Tgt Ion: 99 Resp: 3573154

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.8	29.8
71	41.9	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

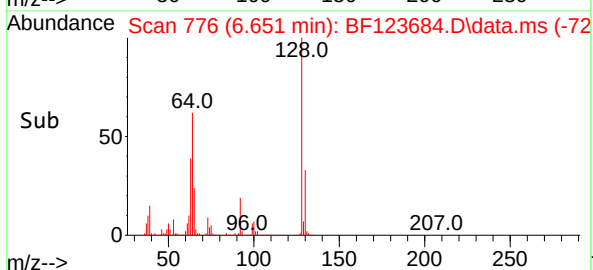
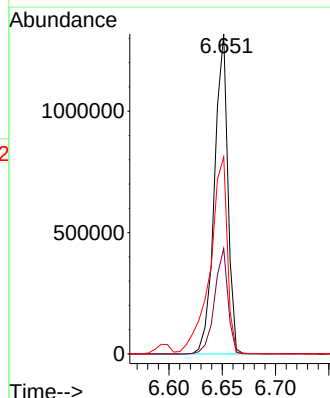
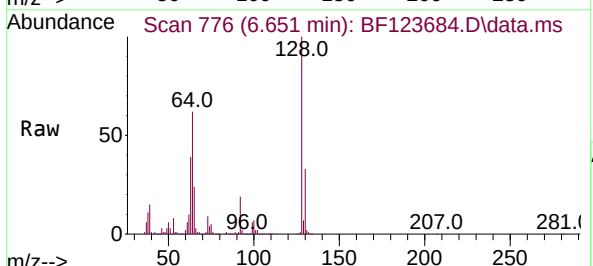
mohammad
4/23/2021 8:37:05 AM

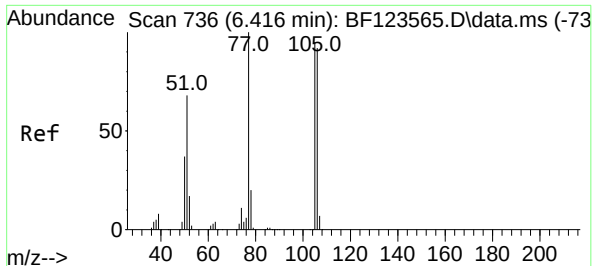


#8
2-Chlorophenol
Concen: 42.29 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:128 Resp: 1149519

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.6	52.6
64	61.6	41.5	81.5





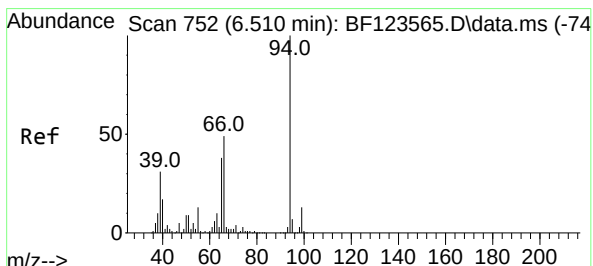
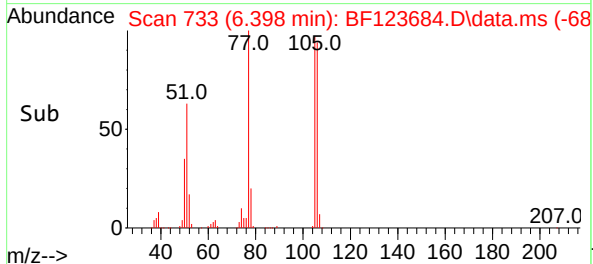
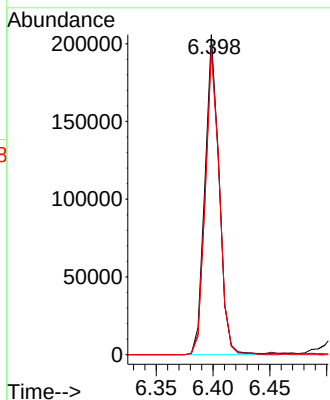
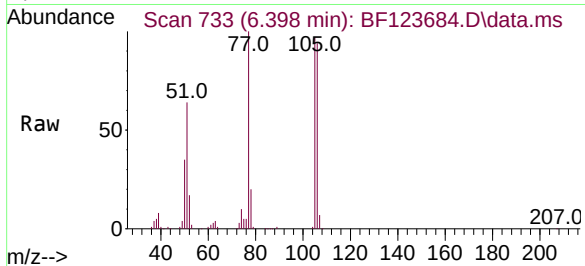
#9
Benzaldehyde
Concen: 7.75 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 77 Resp: 177412
Ion Ratio Lower Upper
77 100
105 96.8 75.2 115.2
106 94.5 71.6 111.6

Instrument :
BNA_F
ClientSampleId :
PB135894BS

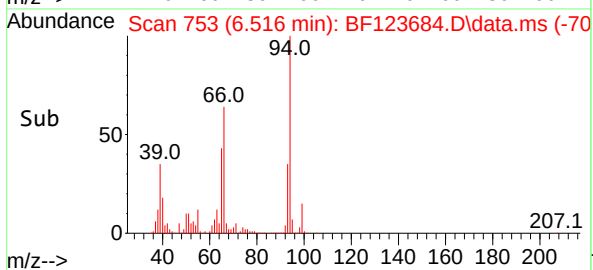
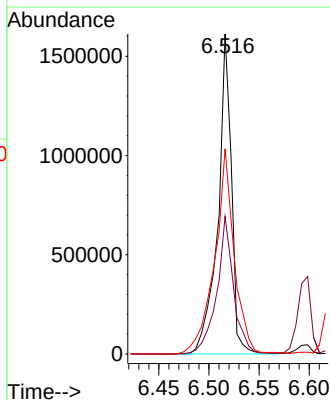
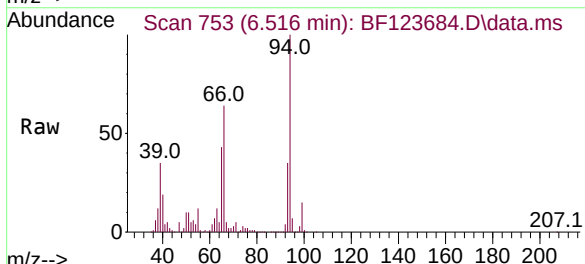
Manual Integrations
APPROVED

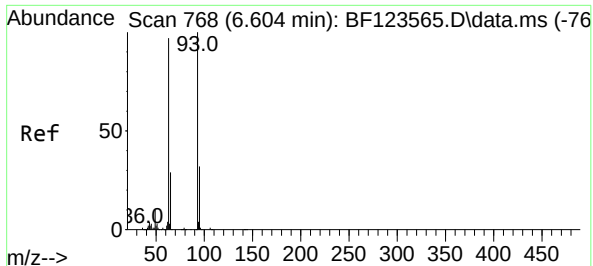
mohammad
4/23/2021 8:37:05 AM



#10
Phenol
Concen: 40.52 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

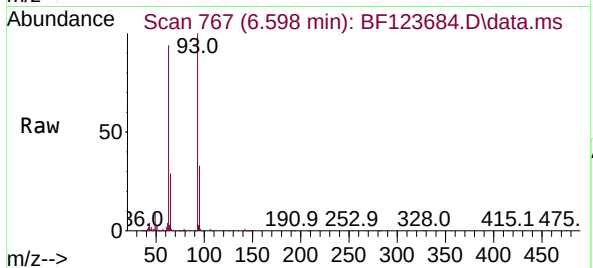
Tgt Ion: 94 Resp: 1509274
Ion Ratio Lower Upper
94 100
65 43.0 18.1 58.1
66 64.1 29.0 69.0





#11
bis(2-Chloroethyl)ether
Concen: 43.80 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

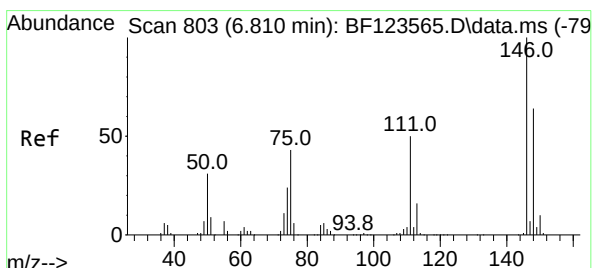
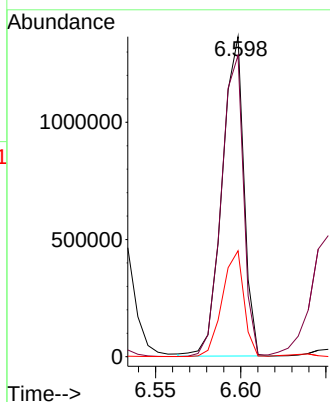
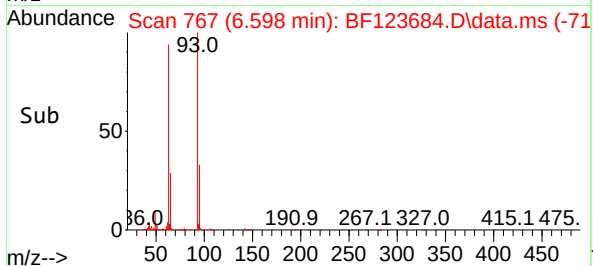
Instrument :
BNA_F
ClientSampleId :
PB135894BS



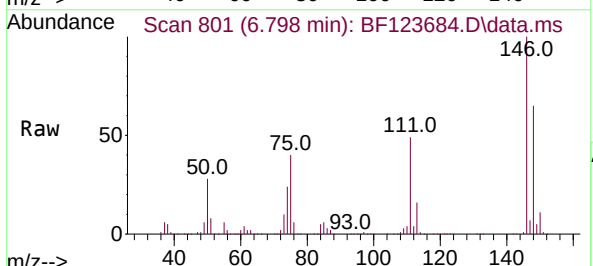
Tgt Ion: 93 Resp: 1213068
Ion Ratio Lower Upper
93 100
63 94.2 76.1 116.1
95 33.1 11.5 51.5

Manual Integrations
APPROVED

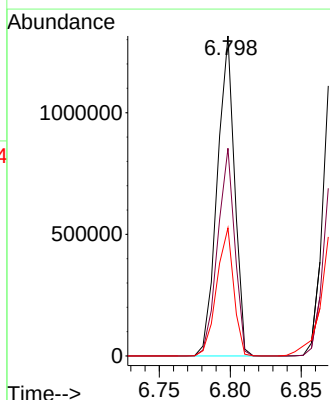
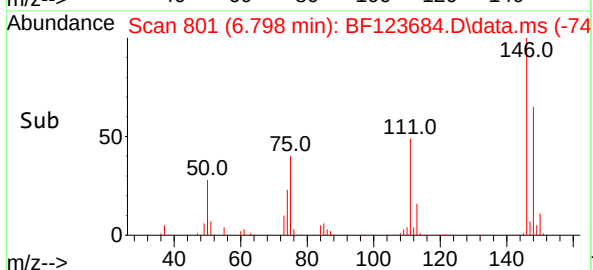
mohammad
4/23/2021 8:37:05 AM

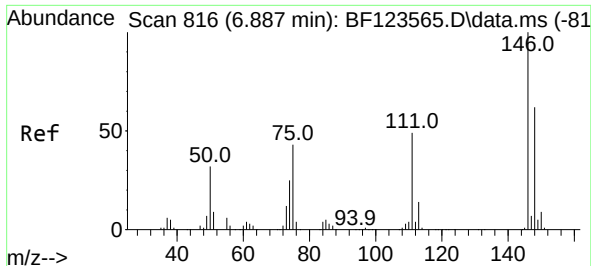


#12
1,3-Dichlorobenzene
Concen: 39.89 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion: 146 Resp: 1114875
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 40.0 34.2 51.4





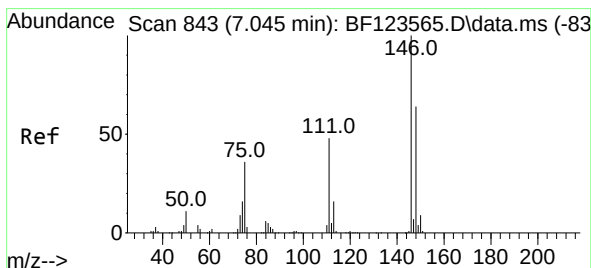
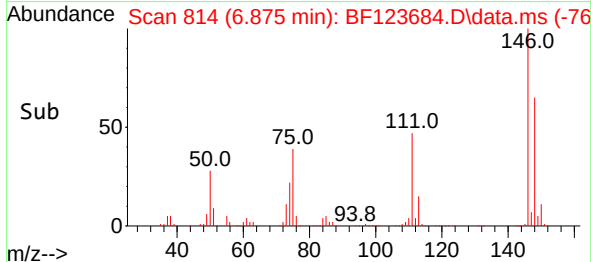
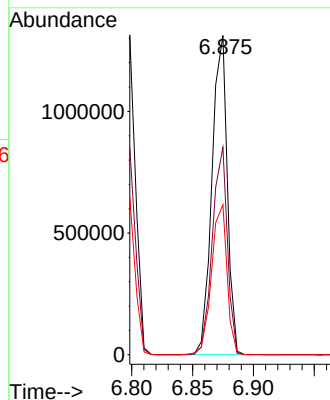
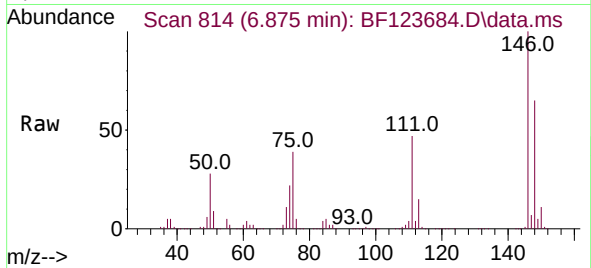
#13
1,4-Dichlorobenzene
Concen: 40.21 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:146 Resp: 1140409
Ion Ratio Lower Upper
146 100
148 64.9 49.9 74.9
111 47.0 39.5 59.3

Instrument :
BNA_F
ClientSampleId :
PB135894BS

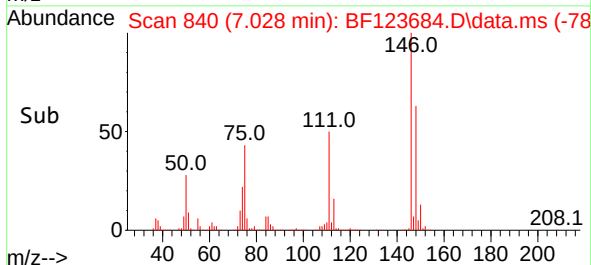
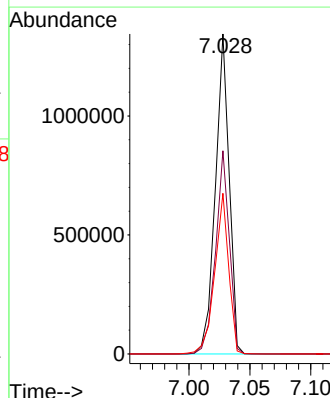
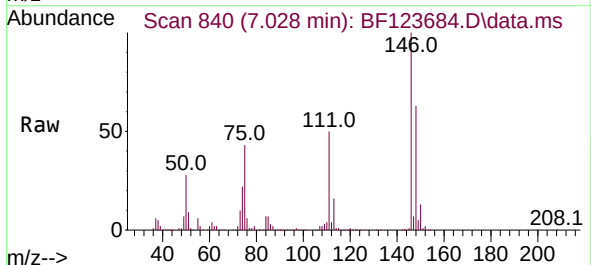
Manual Integrations
APPROVED

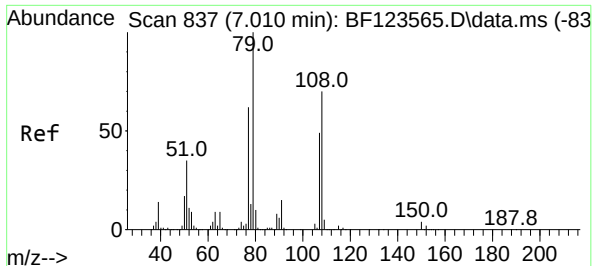
mohammad
4/23/2021 8:37:05 AM



#14
1,2-Dichlorobenzene
Concen: 39.70 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

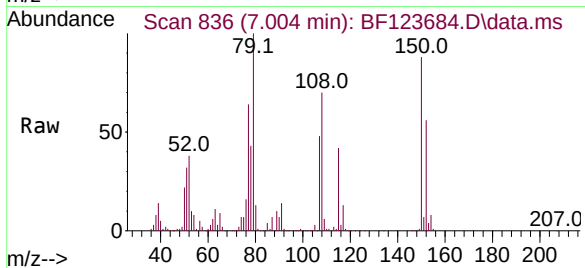
Tgt Ion:146 Resp: 1058008
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 50.2 38.4 57.6





#15
Benzyl Alcohol
Concen: 43.24 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

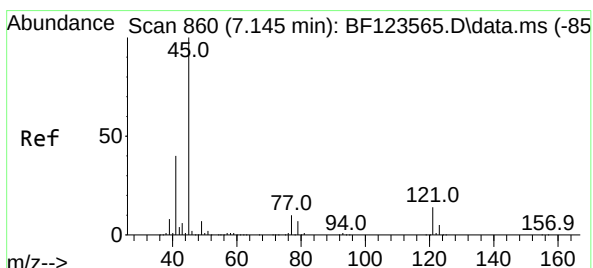
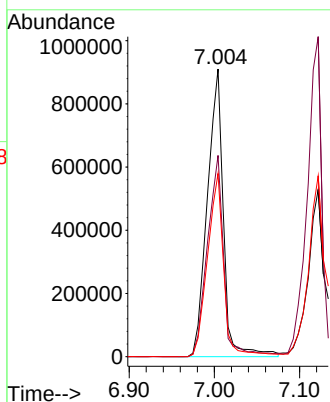
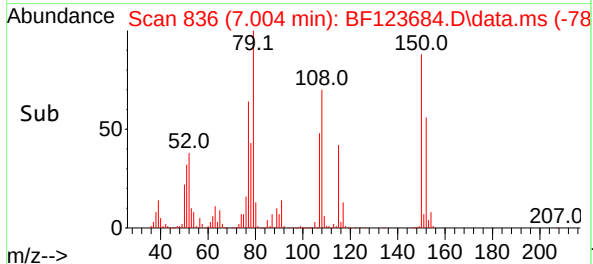
Instrument :
BNA_F
ClientSampleId :
PB135894BS



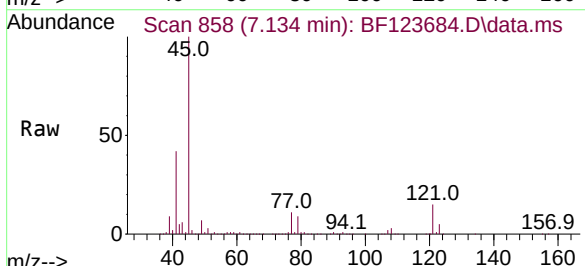
Tgt Ion: 79 Resp: 1196565
Ion Ratio Lower Upper
79 100
108 70.0 55.8 83.8
77 63.7 49.9 74.9

Manual Integrations
APPROVED

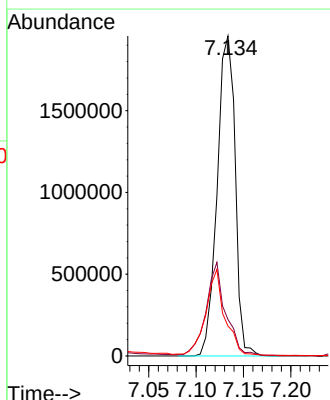
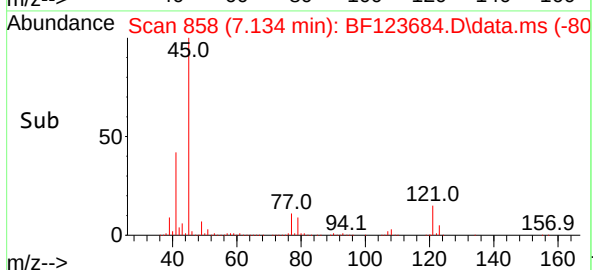
mohammad
4/23/2021 8:37:05 AM

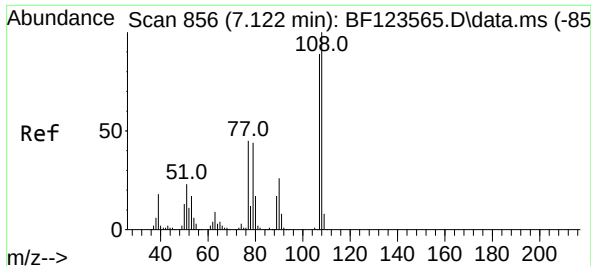


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.46 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

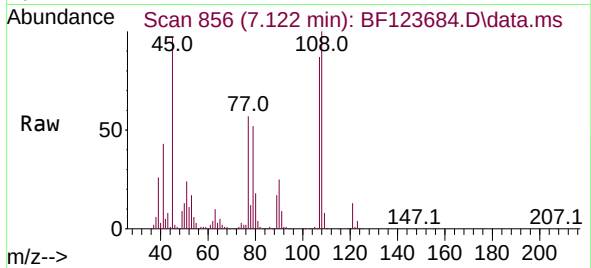


Tgt Ion: 45 Resp: 2591719
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.0
79 9.3 0.0 27.3

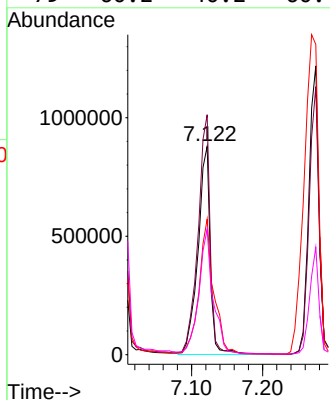




#17
2-Methylphenol
Concen: 45.55 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



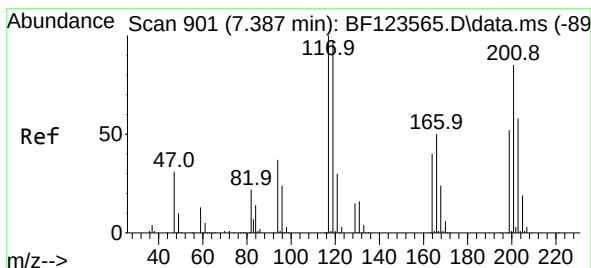
Tgt Ion:	107	Resp:	1063911
Ion	Ratio	Lower	Upper
107	100		
108	115.2	89.8	134.8
77	65.1	40.9	61.3#
79	60.2	40.2	60.4



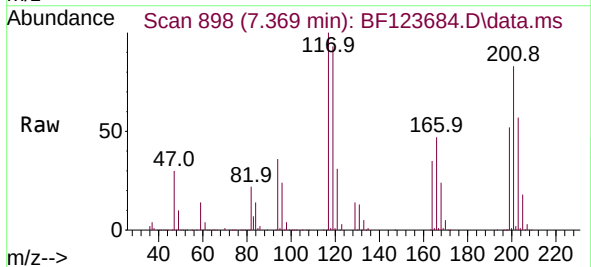
Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

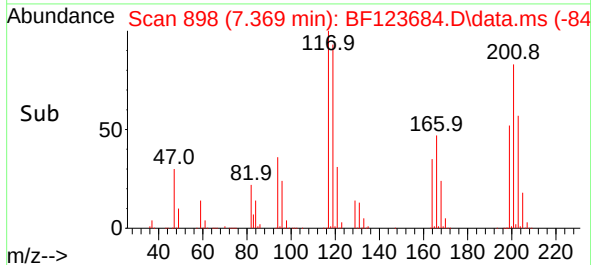
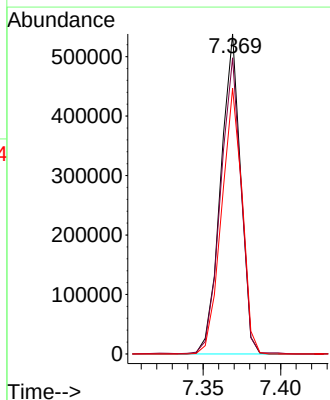
mohammad
4/23/2021 8:37:05 AM

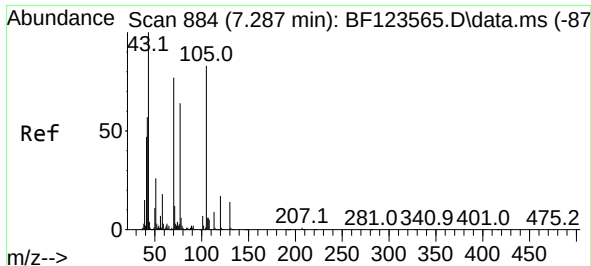


#18
Hexachloroethane
Concen: 42.68 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



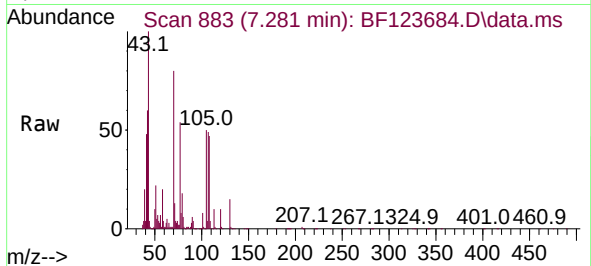
Tgt Ion:	117	Resp:	482540
Ion	Ratio	Lower	Upper
117	100		
119	92.5	77.8	116.8
201	83.0	67.8	101.8





#19
n-Nitroso-di-n-propylamine
Concen: 41.04 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

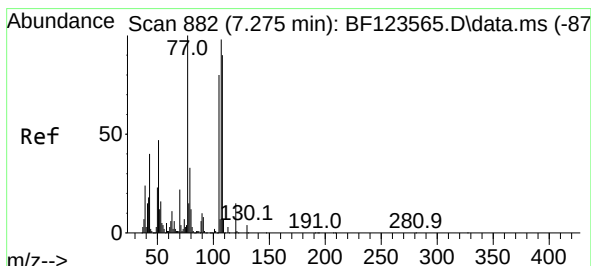
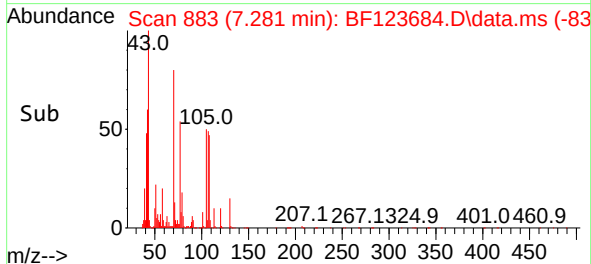
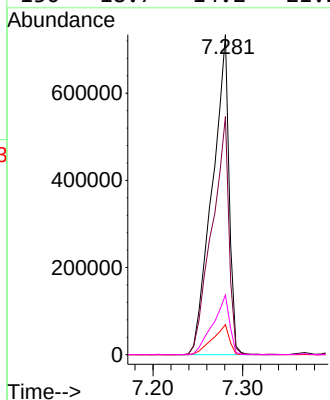
Instrument :
BNA_F
ClientSampleId :
PB135894BS



Tgt Ion: 70 Resp: 953395
Ion Ratio Lower Upper
70 100
42 74.4 60.1 90.1
101 9.4 7.4 11.2
130 18.7 14.2 21.2

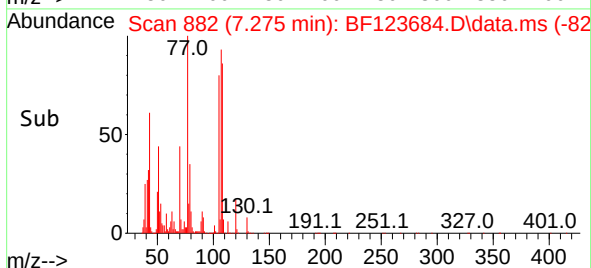
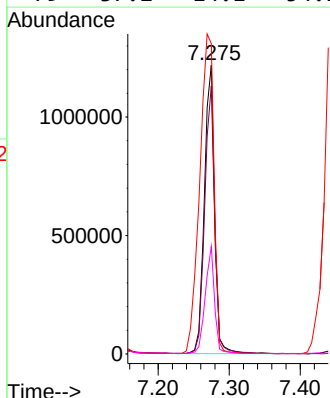
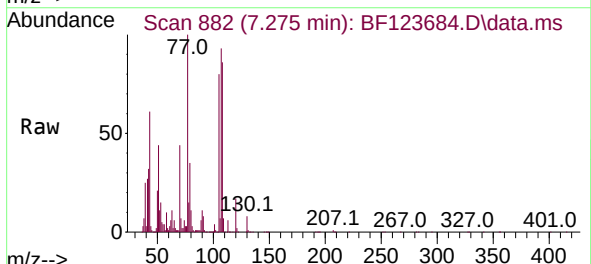
Manual Integrations
APPROVED

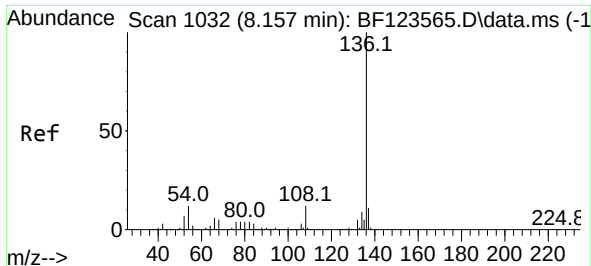
mohammad
4/23/2021 8:37:05 AM



#20
3+4-Methylphenols
Concen: 40.81 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

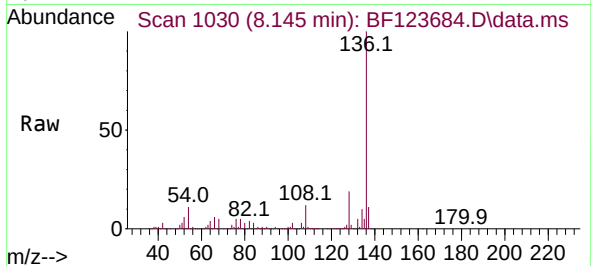
Tgt Ion: 107 Resp: 1216179
Ion Ratio Lower Upper
107 100
108 92.8 71.5 111.5
77 107.4 82.0 122.0
79 37.2 14.1 54.1





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

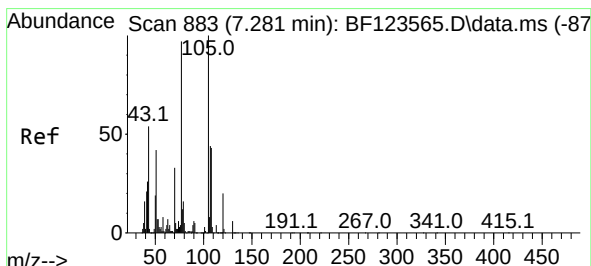
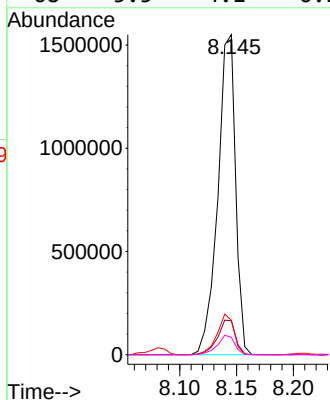
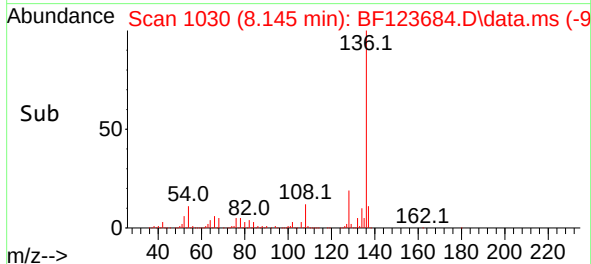
Instrument :
BNA_F
ClientSampleId :
PB135894BS



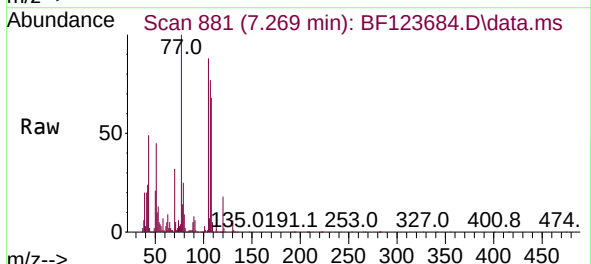
Tgt Ion:136 Resp: 1690141
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.8 9.8 14.6
68 5.5 4.1 6.1

Manual Integrations
APPROVED

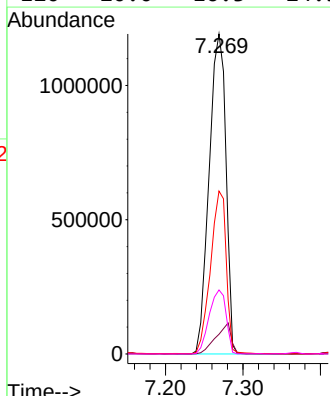
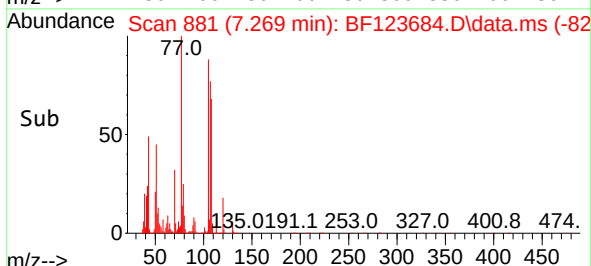
mohammad
4/23/2021 8:37:05 AM

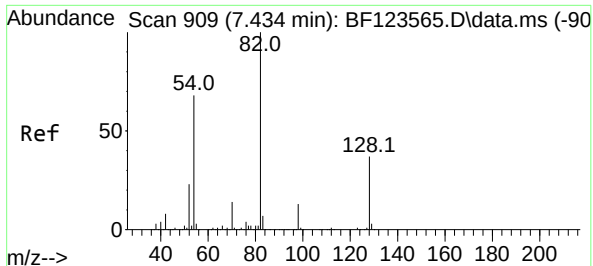


#22
Acetophenone
Concen: 38.28 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:105 Resp: 1794153
Ion Ratio Lower Upper
105 100
71 6.1 4.2 6.4
51 50.9 33.6 50.4#
120 20.0 16.3 24.5





#23

Nitrobenzene-d5

Concen: 63.05 ng

RT: 7.428 min Scan# 908

Delta R.T. 0.012 min

Lab File: BF123684.D

Acq: 22 Apr 2021 10:29

Tgt Ion: 82 Resp: 2317927

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.4	44.2
54	63.3	54.1	81.1

Instrument :

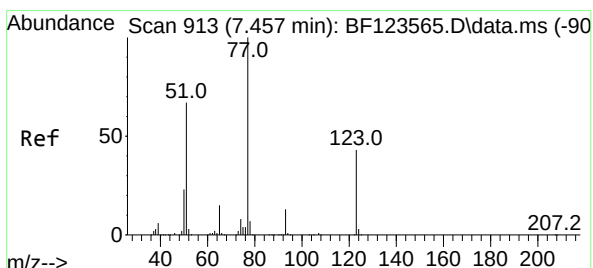
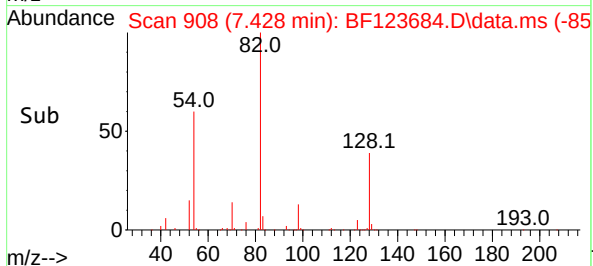
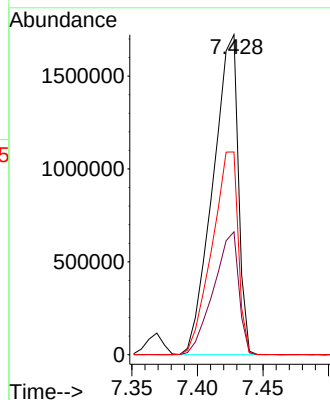
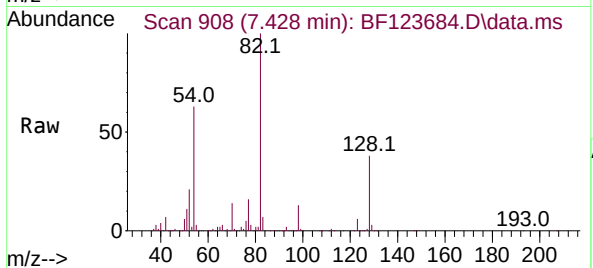
BNA_F

ClientSampleId :

PB135894BS

Manual Integrations
APPROVED

mohammad
4/23/2021 8:37:05 AM



#24

Nitrobenzene

Concen: 38.33 ng

RT: 7.445 min Scan# 911

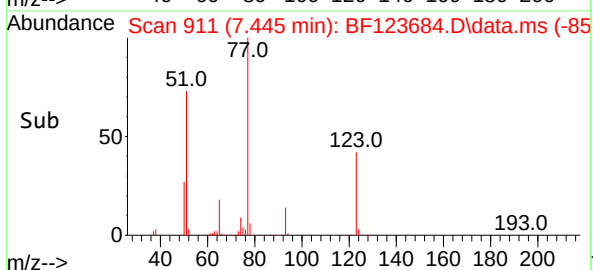
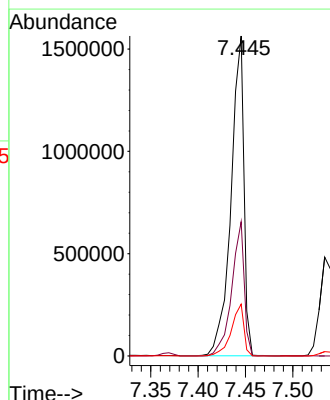
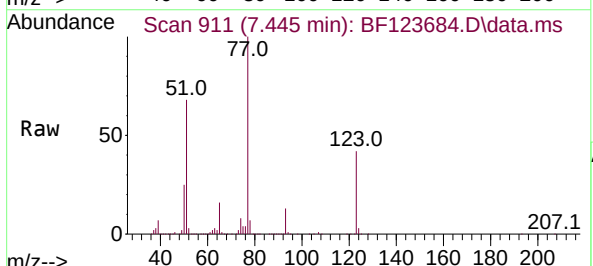
Delta R.T. 0.006 min

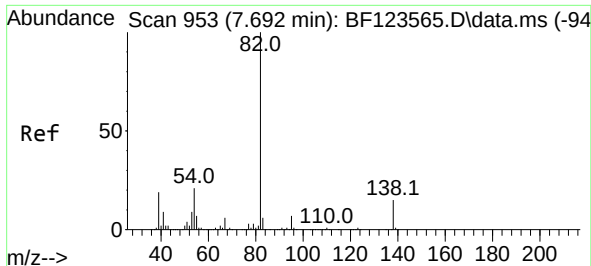
Lab File: BF123684.D

Acq: 22 Apr 2021 10:29

Tgt Ion: 77 Resp: 1483631

Ion	Ratio	Lower	Upper
77	100		
123	41.9	34.5	51.7
65	16.2	12.2	18.2





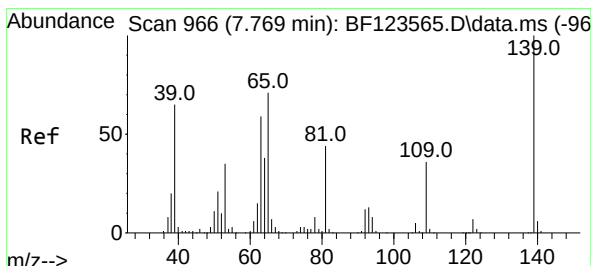
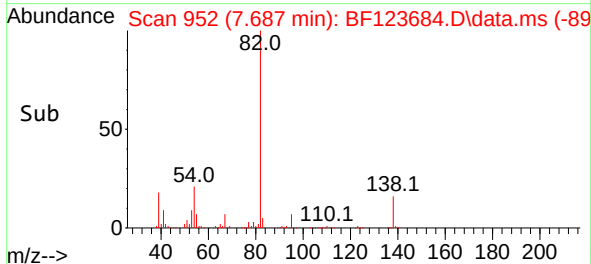
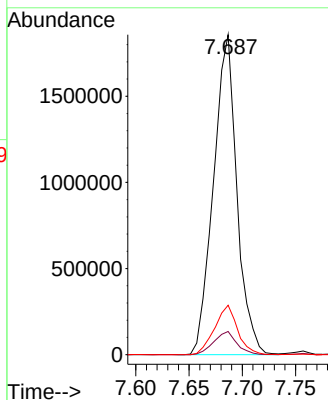
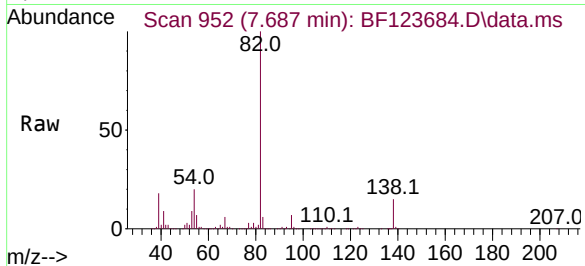
#25
Isophorone
Concen: 39.86 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 82 Resp: 2843247
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 15.4 11.8 17.8

Instrument :
BNA_F
ClientSampleId :
PB135894BS

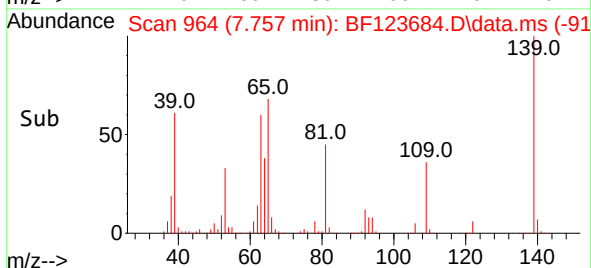
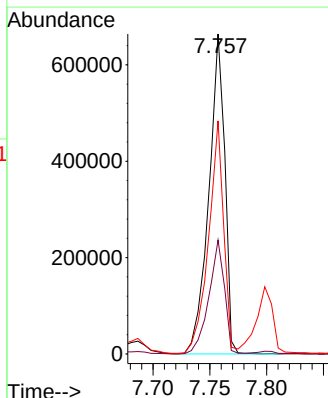
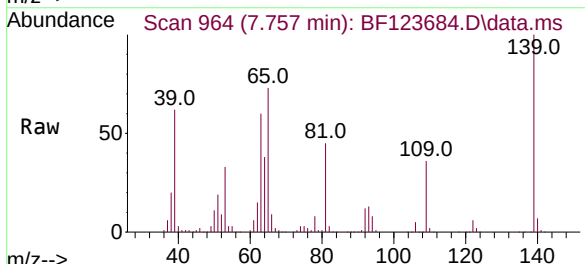
Manual Integrations
APPROVED

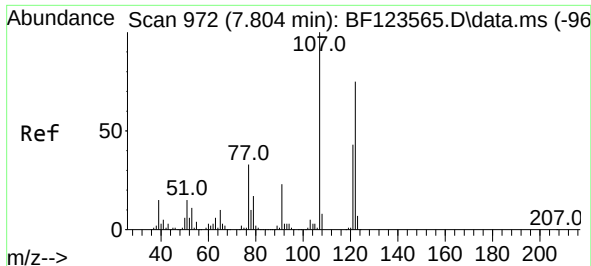
mohammad
4/23/2021 8:37:05 AM



#26
2-Nitrophenol
Concen: 49.16 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

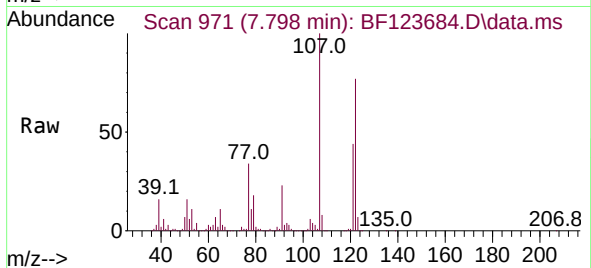
Tgt Ion: 139 Resp: 650247
Ion Ratio Lower Upper
139 100
109 35.6 28.6 43.0
65 72.9 56.8 85.2





#27
2,4-Dimethylphenol
Concen: 44.87 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

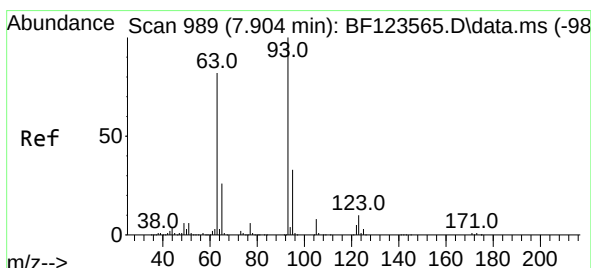
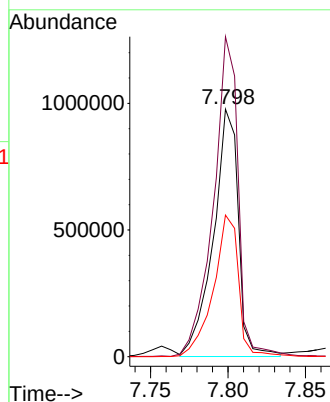
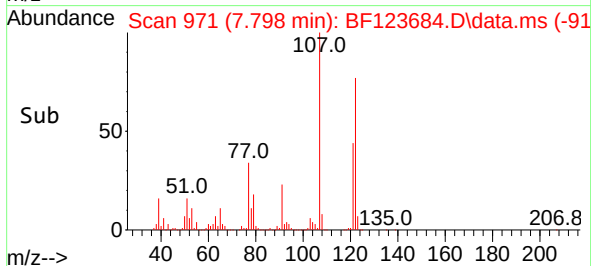
Instrument :
BNA_F
ClientSampleId :
PB135894BS



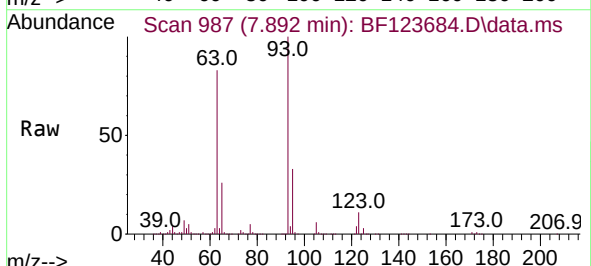
Tgt Ion:122 Resp: 1095283
Ion Ratio Lower Upper
122 100
107 129.3 106.3 159.5
121 57.2 45.4 68.0

Manual Integrations
APPROVED

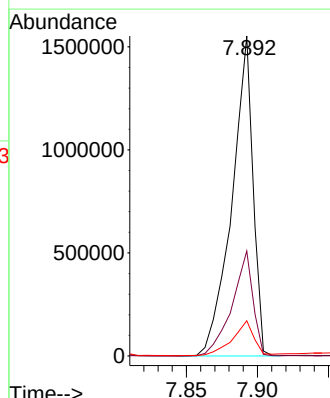
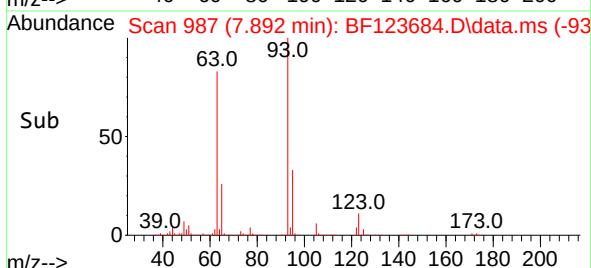
mohammad
4/23/2021 8:37:05 AM

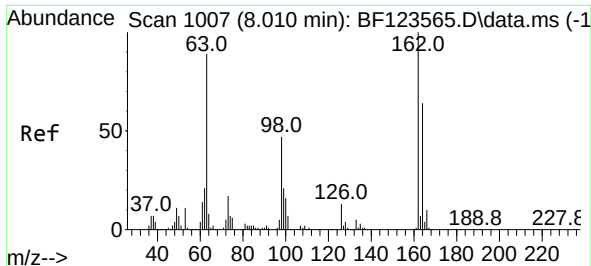


#28
bis(2-Chloroethoxy)methane
Concen: 44.88 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion: 93 Resp: 1606462
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.0 8.4 12.6





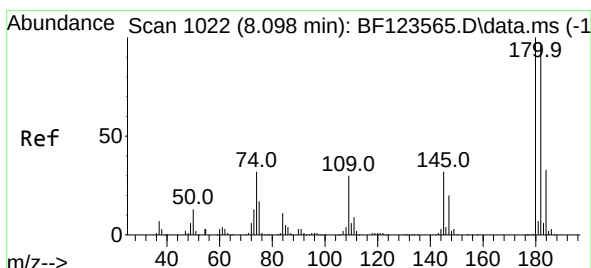
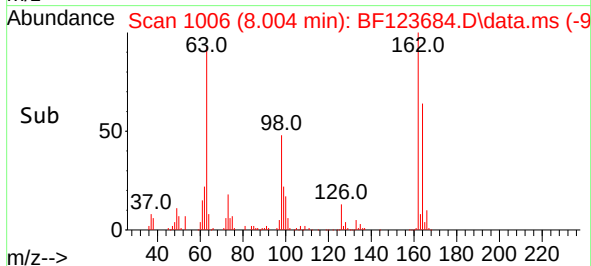
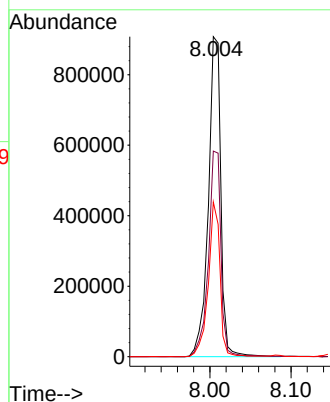
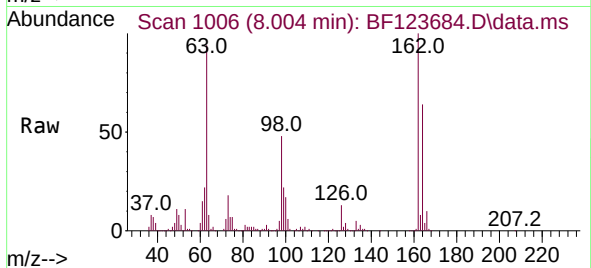
#29
2,4-Dichlorophenol
Concen: 40.83 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Tgt Ion:162 Resp: 970364
Ion Ratio Lower Upper
162 100
164 64.2 44.1 84.1
98 48.3 27.3 67.3

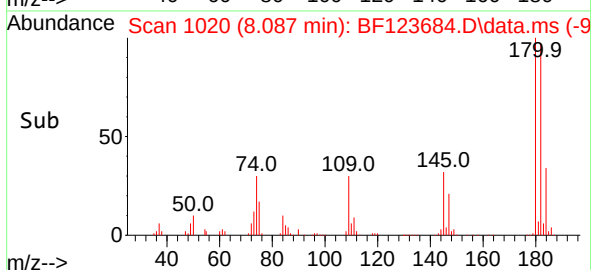
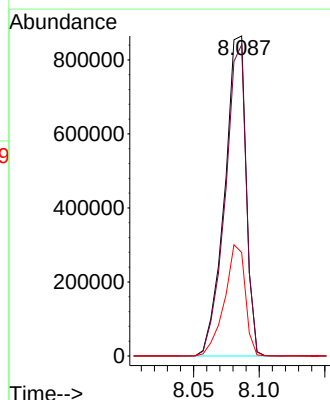
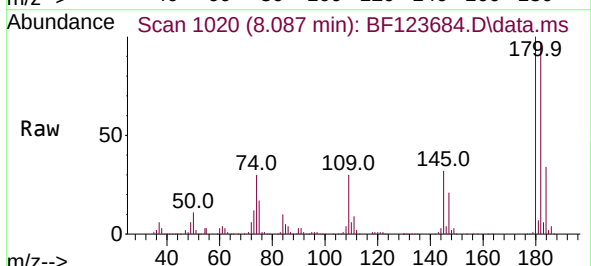
Manual Integrations
APPROVED

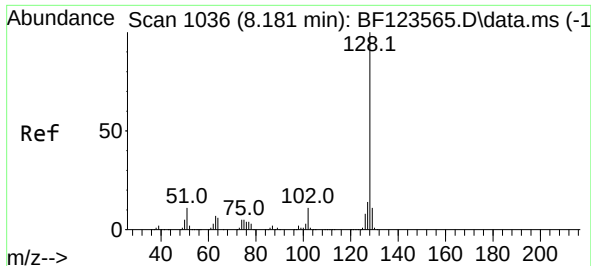
mohammad
4/23/2021 8:37:05 AM



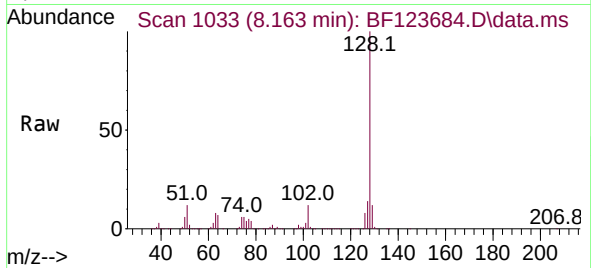
#30
1,2,4-Trichlorobenzene
Concen: 38.68 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:180 Resp: 987886
Ion Ratio Lower Upper
180 100
182 97.2 77.2 115.8
145 32.3 26.0 39.0

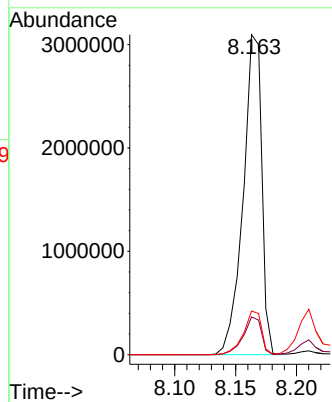
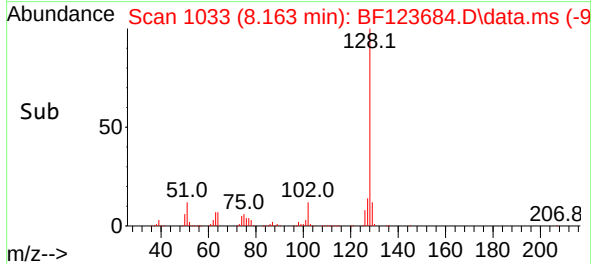




#31
Naphthalene
Concen: 37.85 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



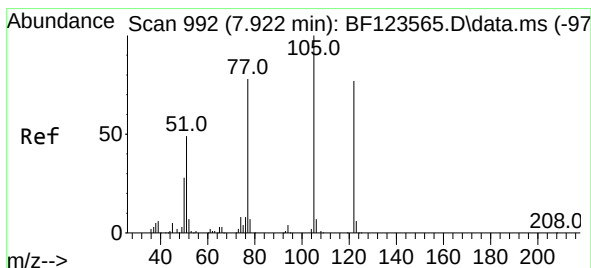
Tgt Ion:128 Resp: 3294921
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.7 10.8 16.2



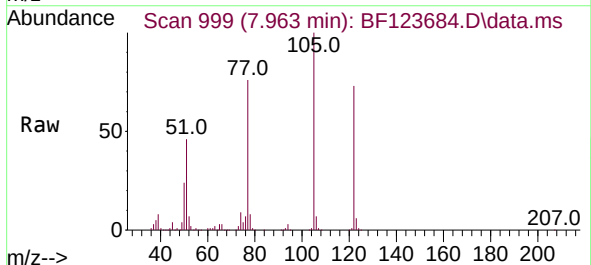
Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

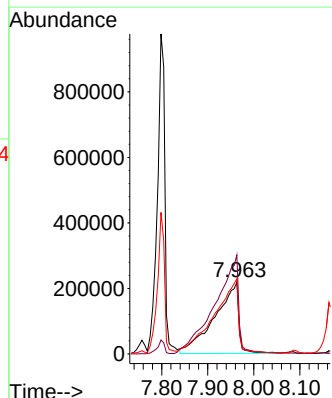
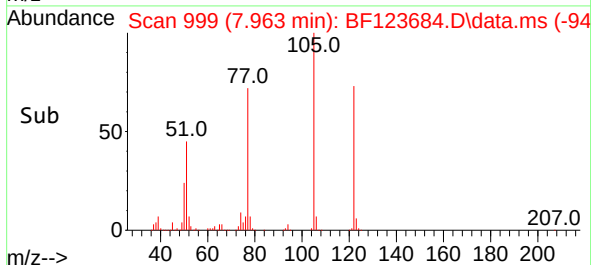
mohammad
4/23/2021 8:37:05 AM

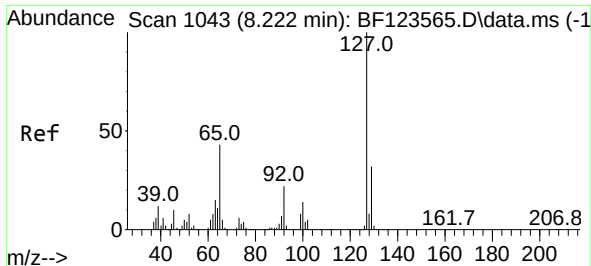


#32
Benzoic acid
Concen: 48.06 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.047 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:122 Resp: 780601
Ion Ratio Lower Upper
122 100
105 137.9 107.8 147.8
77 104.8 81.6 121.6





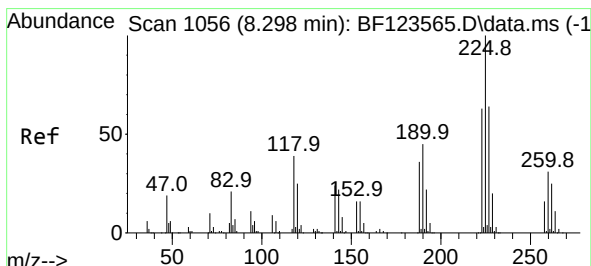
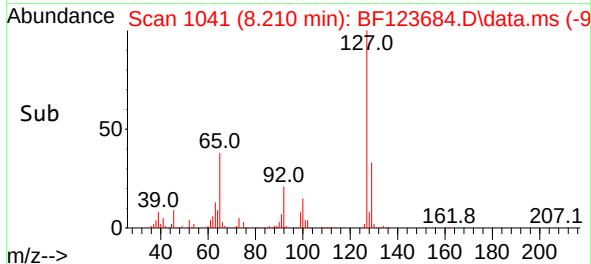
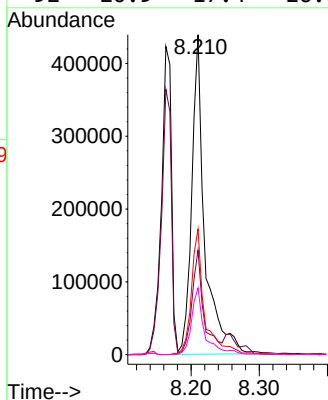
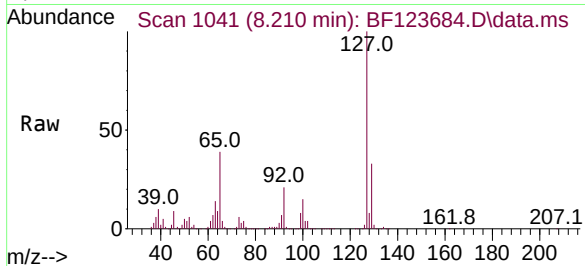
#33
4-Chloroaniline
Concen: 16.33 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	39.3	34.5	51.7
92	20.9	17.4	26.0

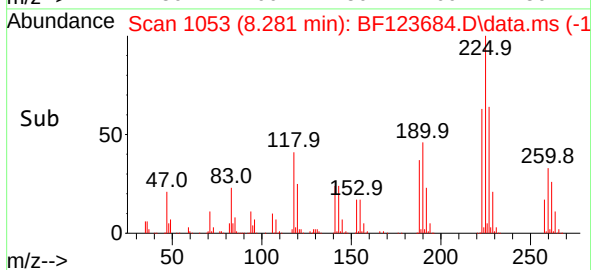
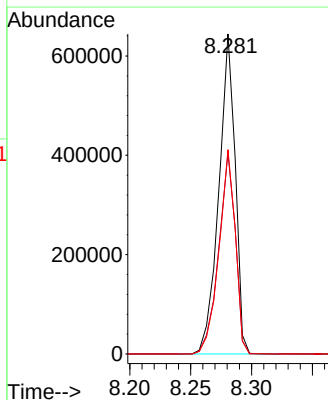
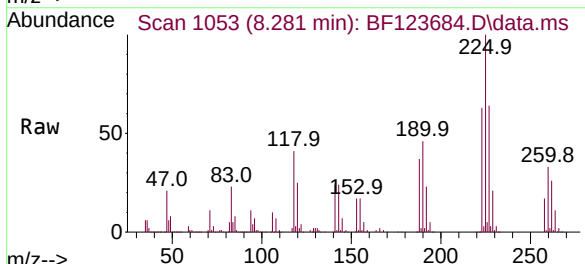
Manual Integrations
APPROVED

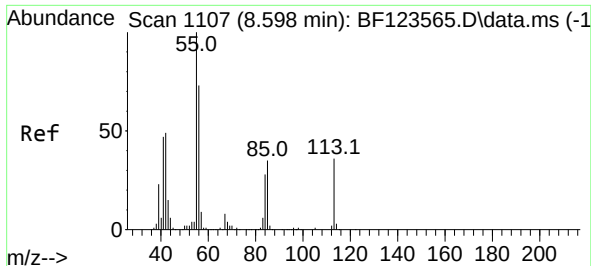
mohammad
4/23/2021 8:37:05 AM



#34
Hexachlorobutadiene
Concen: 37.68 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

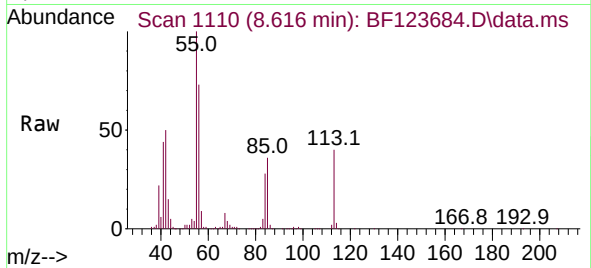
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	63.8	51.4	77.0





#35
Caprolactam
Concen: 47.37 ng m
RT: 8.616 min Scan# 1110
Delta R.T. 0.035 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

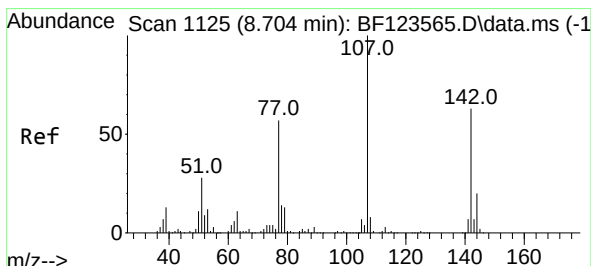
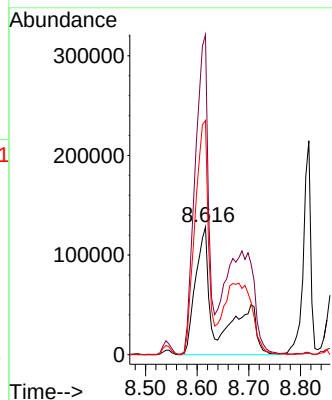
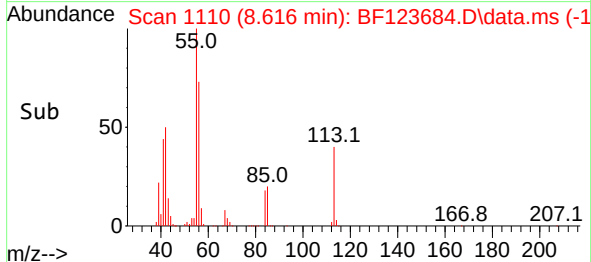
Instrument :
BNA_F
ClientSampleID :
PB135894BS



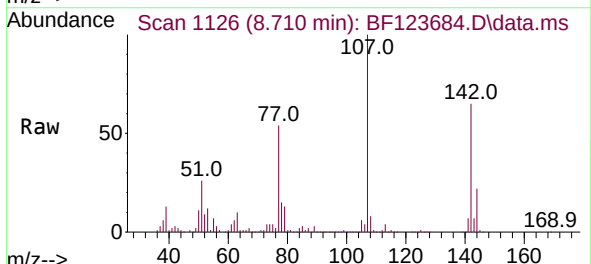
Tgt Ion:113 Resp: 393064
Ion Ratio Lower Upper
113 100
55 250.6 254.9 294.9#
56 183.4 179.4 219.4

Manual Integrations
APPROVED

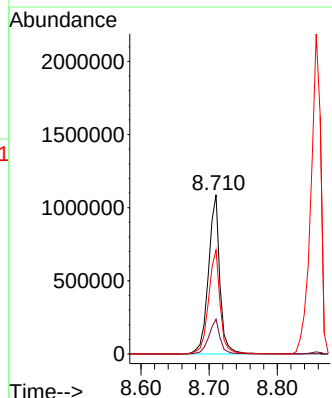
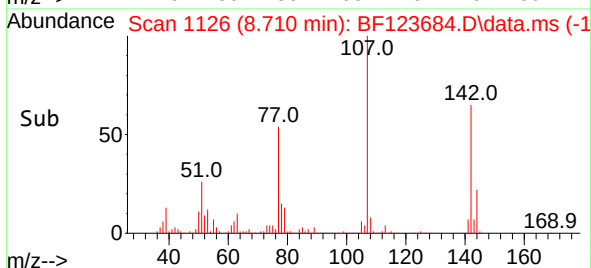
mohammad
4/23/2021 8:37:05 AM

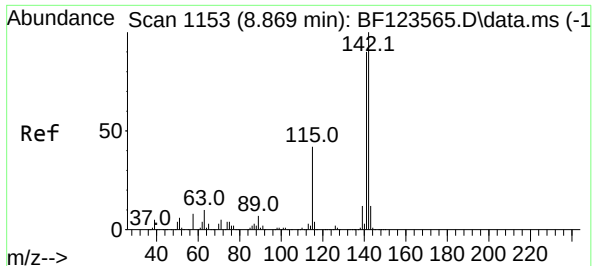


#36
4-Chloro-3-methylphenol
Concen: 40.98 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:107 Resp: 1263202
Ion Ratio Lower Upper
107 100
144 21.8 16.3 24.5
142 65.3 50.1 75.1





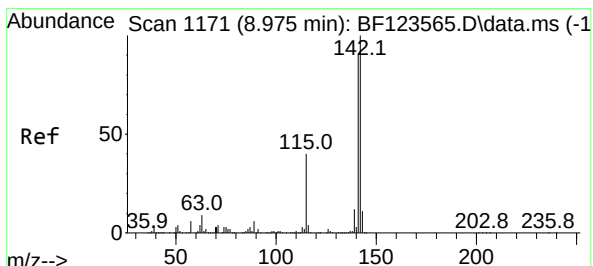
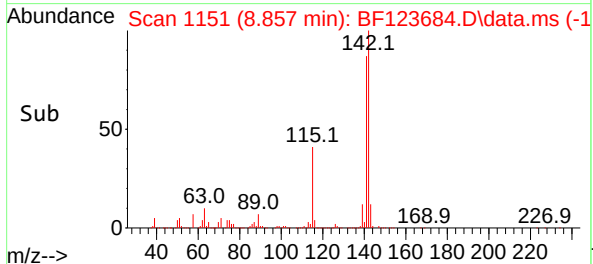
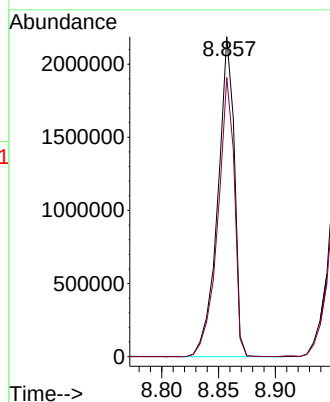
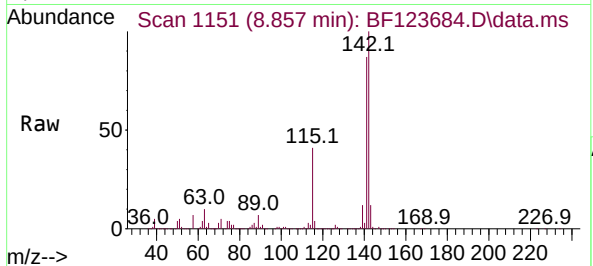
#37
2-Methylnaphthalene
Concen: 38.88 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Tgt Ion:142 Resp: 2219355
Ion Ratio Lower Upper
142 100
141 87.2 71.8 107.6

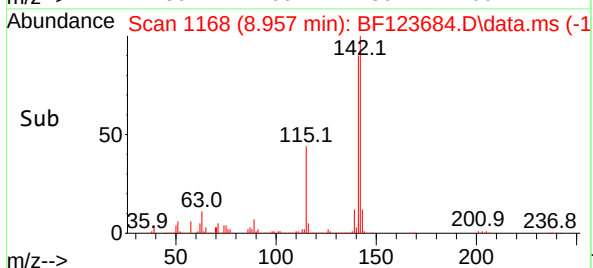
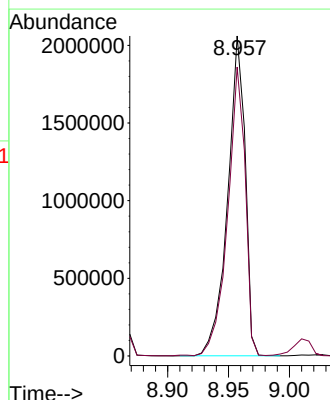
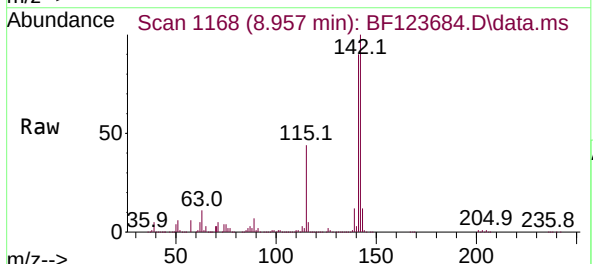
Manual Integrations
APPROVED

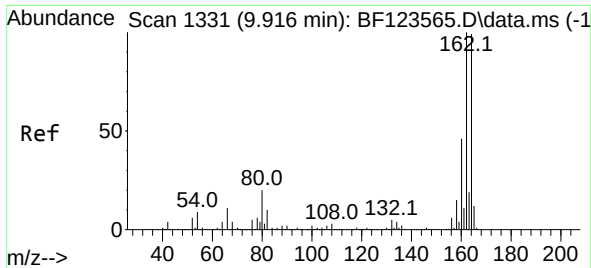
mohammad
4/23/2021 8:37:05 AM



#38
1-Methylnaphthalene
Concen: 38.08 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

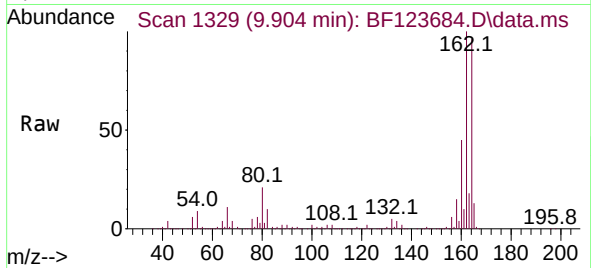
Tgt Ion:142 Resp: 2056895
Ion Ratio Lower Upper
142 100
141 90.3 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

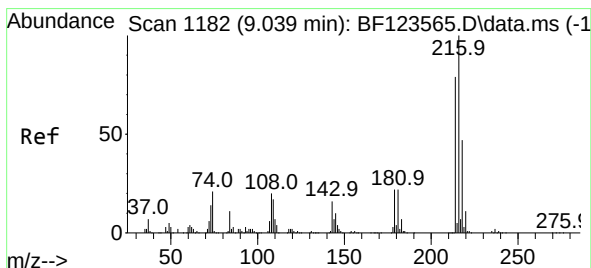
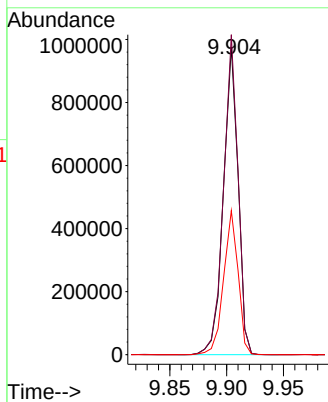
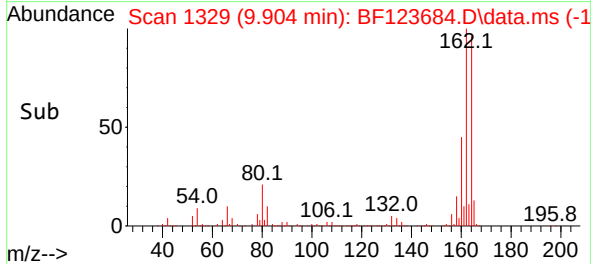
Instrument :
BNA_F
ClientSampleId :
PB135894BS



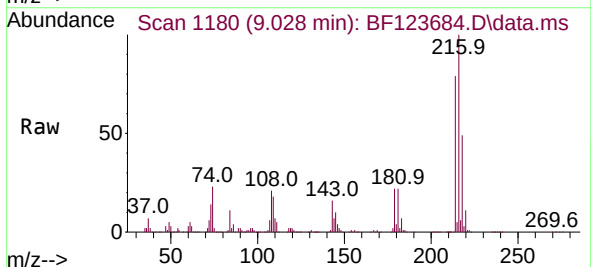
Tgt Ion:164 Resp: 881906
Ion Ratio Lower Upper
164 100
162 103.9 80.7 121.1
160 46.8 37.3 55.9

Manual Integrations
APPROVED

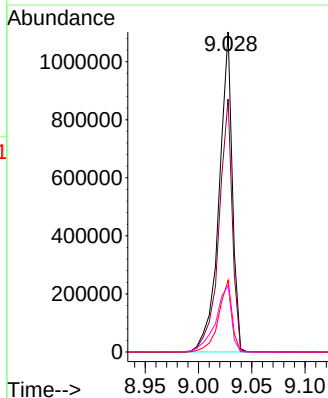
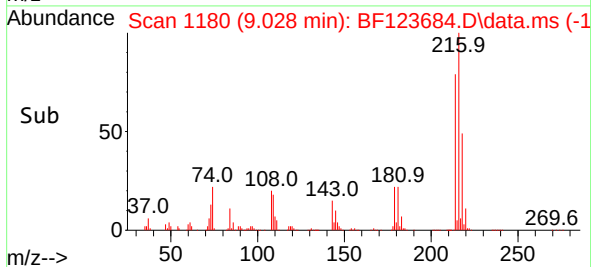
mohammad
4/23/2021 8:37:05 AM

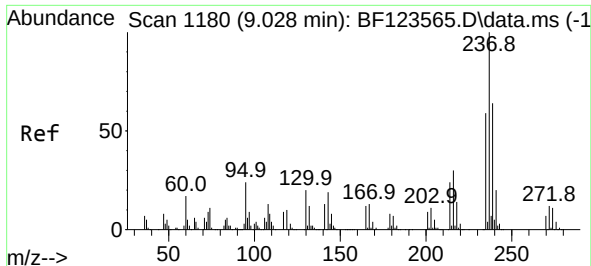


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.96 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:216 Resp: 948215
Ion Ratio Lower Upper
216 100
214 79.8 63.8 95.8
179 22.6 17.9 26.9
108 25.0 18.6 28.0





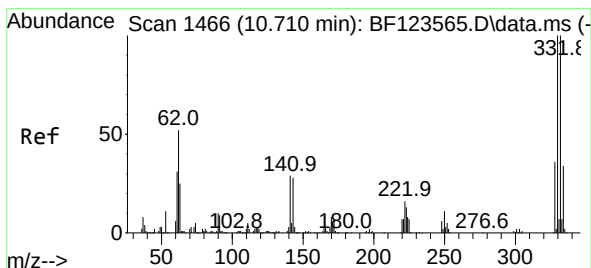
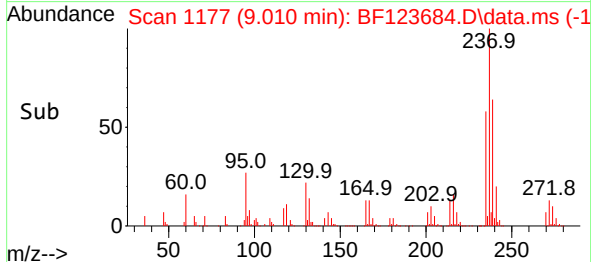
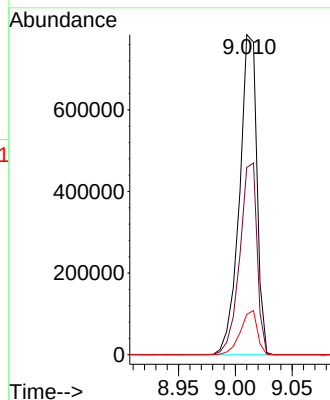
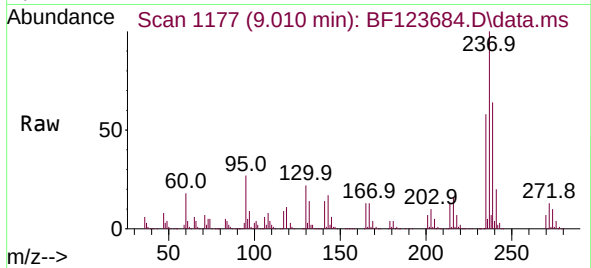
#41
Hexachlorocyclopentadiene
Concen: 66.08 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:	237	Resp:	835842
Ion Ratio	Lower	Upper	
237	100		
235	58.5	38.8	78.8
272	12.6	0.0	32.4

Instrument :
BNA_F
ClientSampleId :
PB135894BS

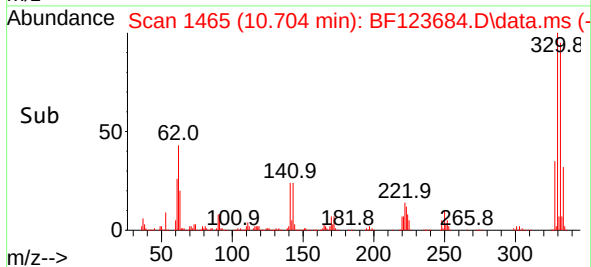
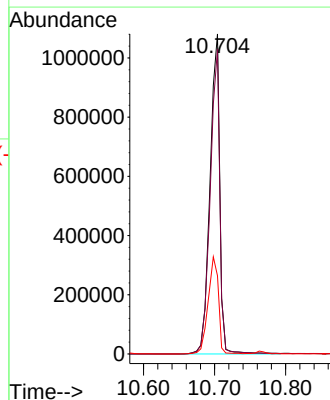
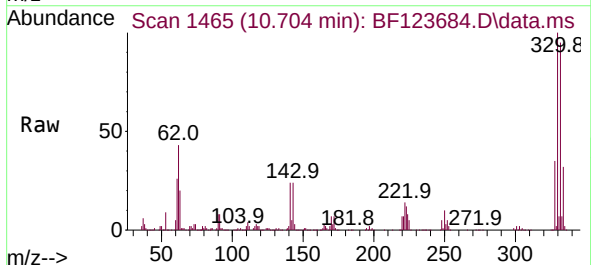
Manual Integrations
APPROVED

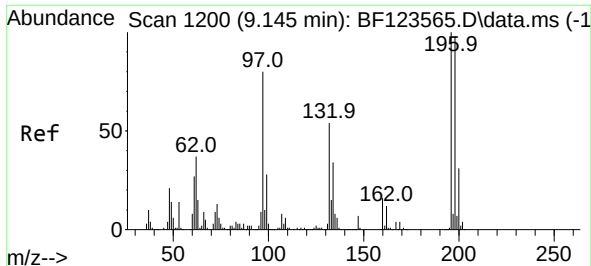
mohammad
4/23/2021 8:37:05 AM



#42
2,4,6-Tribromophenol
Concen: 103.84 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:	330	Resp:	1037017
Ion Ratio	Lower	Upper	
330	100		
332	94.4	77.1	115.7
141	32.1	27.9	41.9





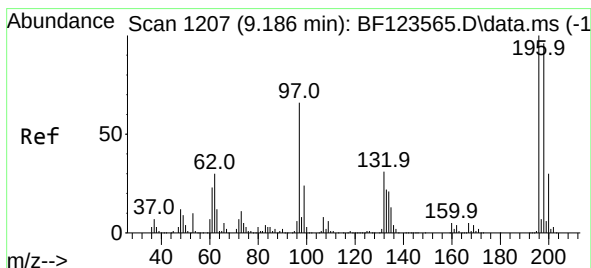
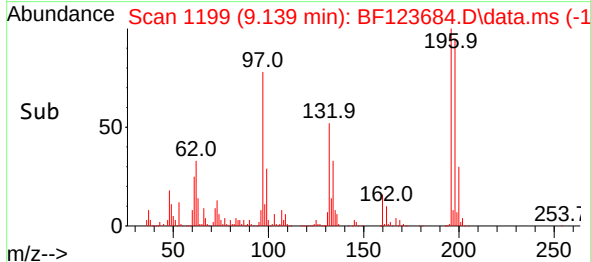
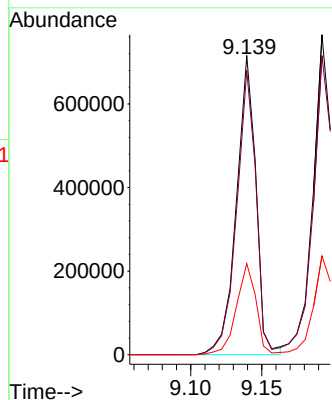
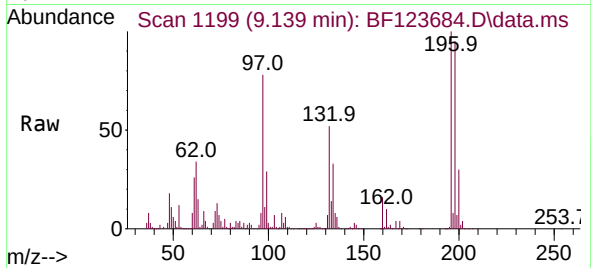
#43
2,4,6-Trichlorophenol
Concen: 41.44 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:196 Resp: 684448
Ion Ratio Lower Upper
196 100
198 95.0 78.2 117.2
200 30.4 25.0 37.6

Instrument :
BNA_F
ClientSampled :
PB135894BS

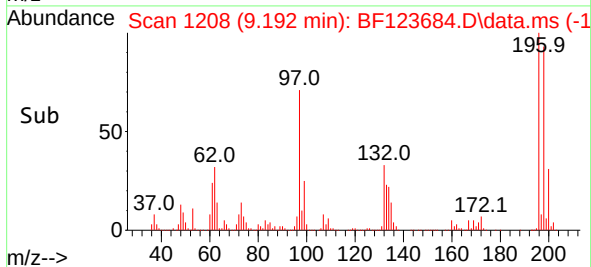
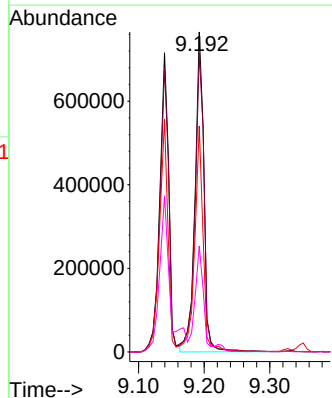
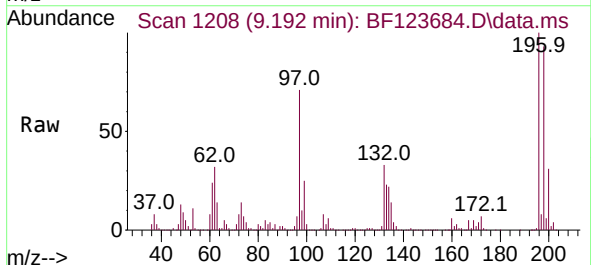
Manual Integrations
APPROVED

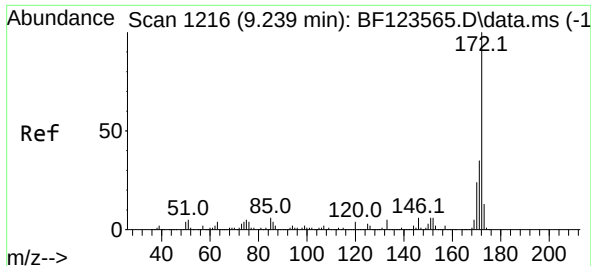
mohammad
4/23/2021 8:37:05 AM



#44
2,4,5-Trichlorophenol
Concen: 40.14 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

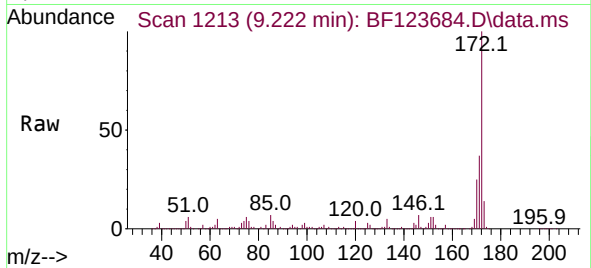
Tgt Ion:196 Resp: 724812
Ion Ratio Lower Upper
196 100
198 93.4 76.5 114.7
97 70.6 52.9 79.3
132 33.2 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 59.98 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

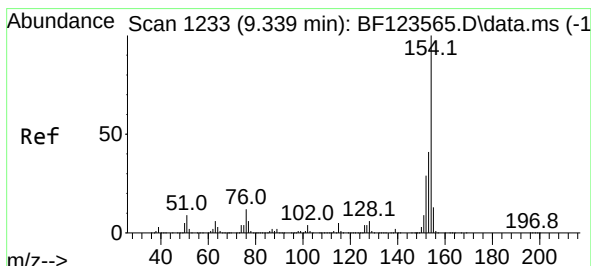
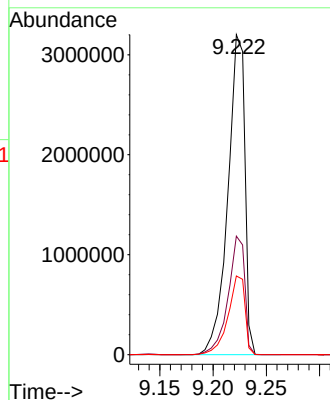
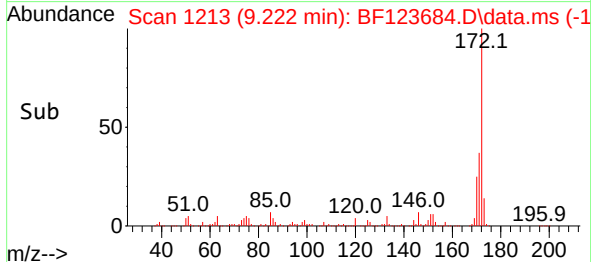
Instrument :
BNA_F
ClientSampleId :
PB135894BS



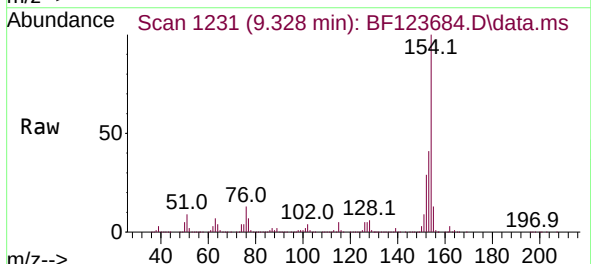
Tgt Ion:172 Resp: 3548533
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 24.6 19.2 28.8

Manual Integrations
APPROVED

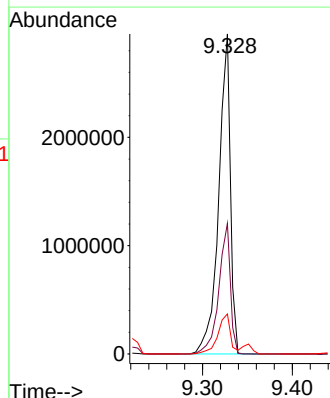
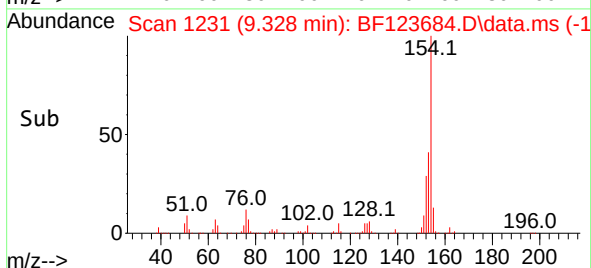
mohammad
4/23/2021 8:37:05 AM

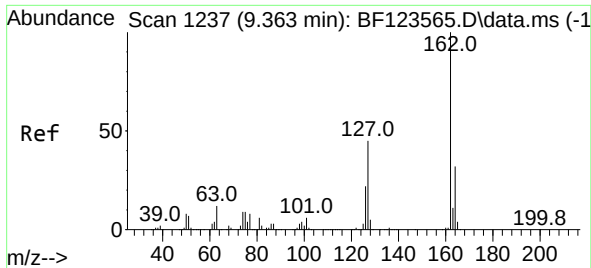


#46
1,1'-Biphenyl
Concen: 38.63 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



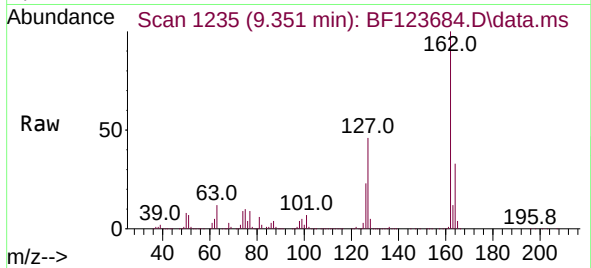
Tgt Ion:154 Resp: 2666401
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 38.30 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

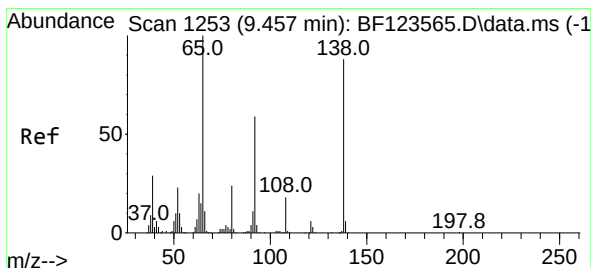
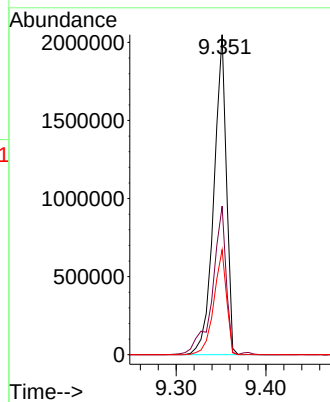
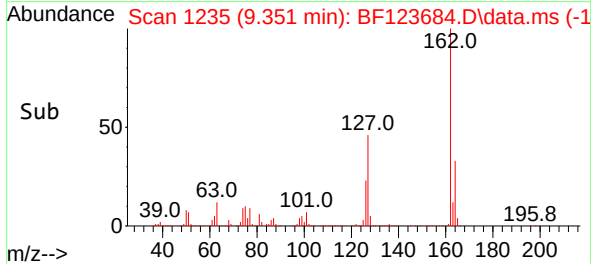
Instrument :
BNA_F
ClientSampleId :
PB135894BS



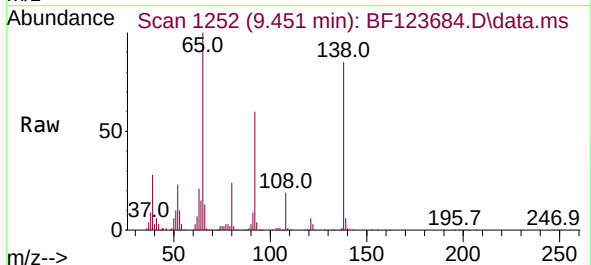
Tgt Ion:162 Resp: 1989345
Ion Ratio Lower Upper
162 100
127 46.4 36.2 54.2
164 32.8 25.4 38.2

Manual Integrations
APPROVED

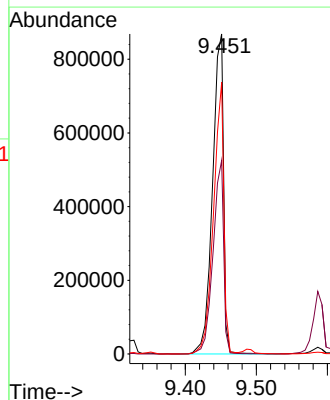
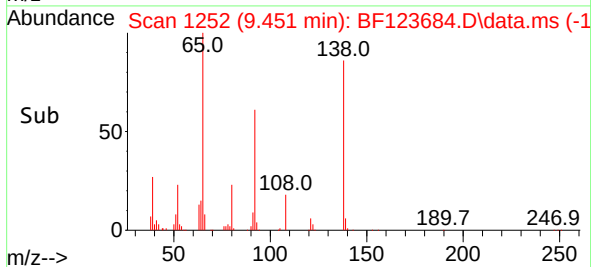
mohammad
4/23/2021 8:37:05 AM

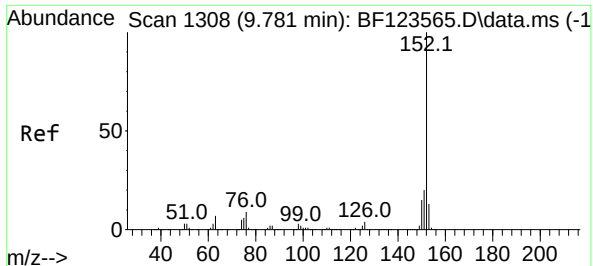


#48
2-Nitroaniline
Concen: 43.21 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion: 65 Resp: 935208
Ion Ratio Lower Upper
65 100
92 60.4 47.1 70.7
138 84.9 70.2 105.2





#49

Acenaphthylene

Concen: 39.16 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.012 min

Lab File: BF123684.D

Acq: 22 Apr 2021 10:29

Tgt Ion:152 Resp: 3327535

Ion Ratio Lower Upper

152 100

151 21.2 16.0 24.0

153 13.8 10.4 15.6

Instrument :

BNA_F

ClientSampleId :

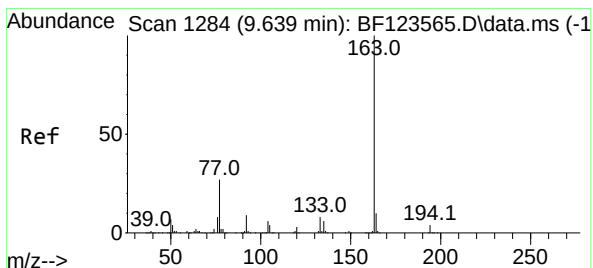
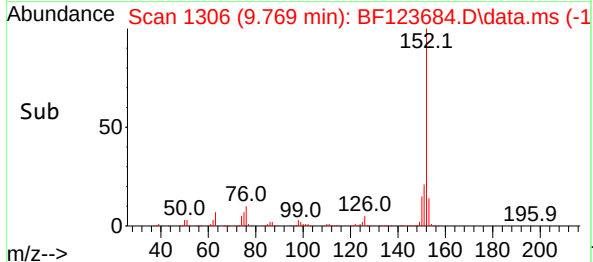
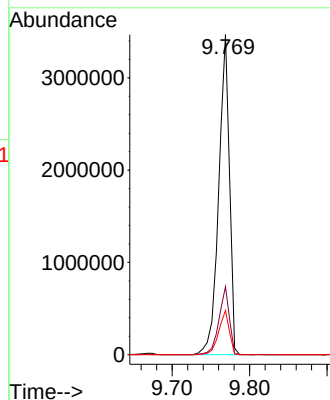
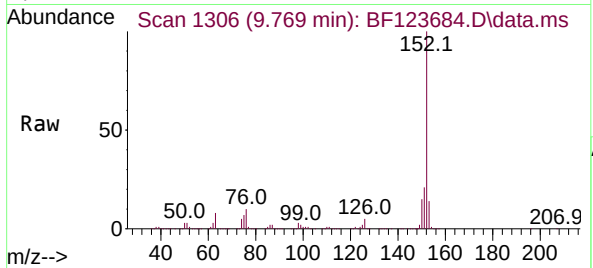
PB135894BS

Manual Integrations

APPROVED

mohammad

4/23/2021 8:37:05 AM



#50

Dimethylphthalate

Concen: 40.43 ng

RT: 9.634 min Scan# 1283

Delta R.T. 0.012 min

Lab File: BF123684.D

Acq: 22 Apr 2021 10:29

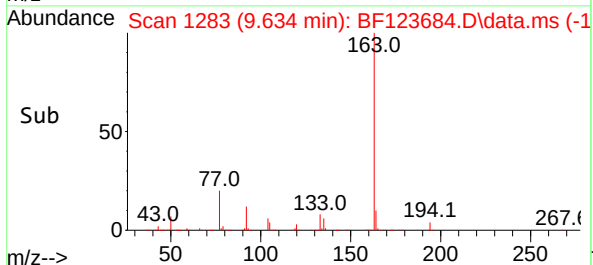
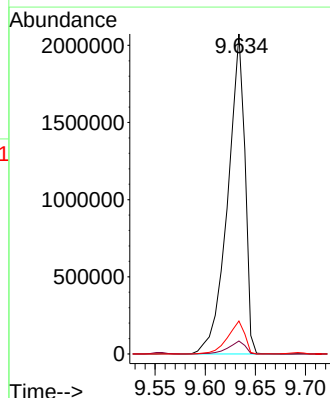
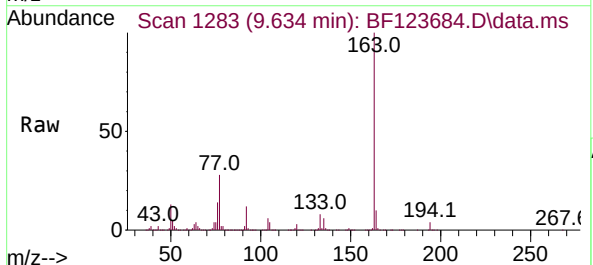
Tgt Ion:163 Resp: 2463176

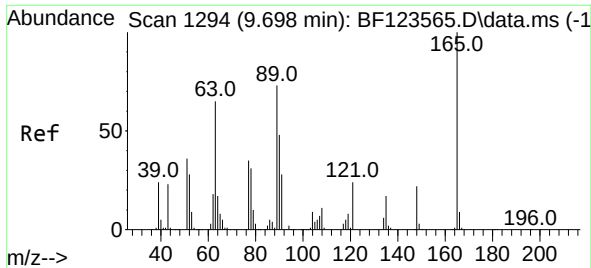
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.2 12.2





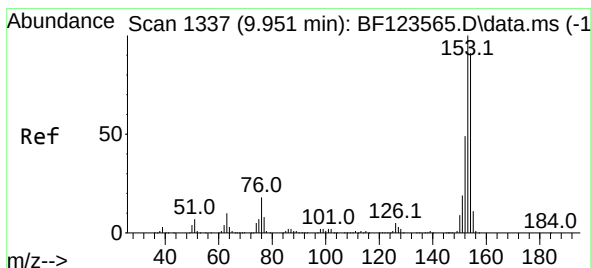
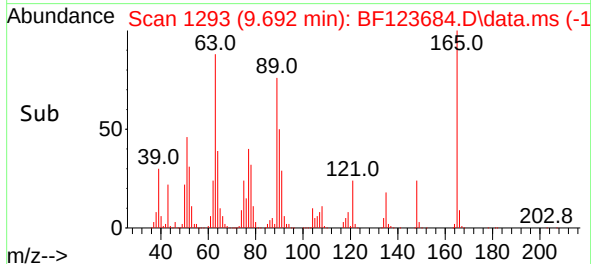
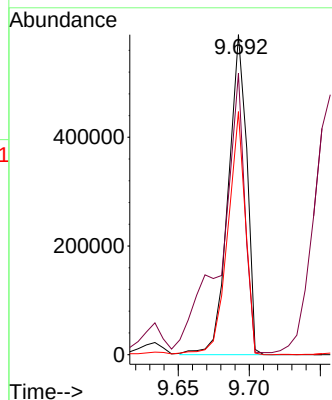
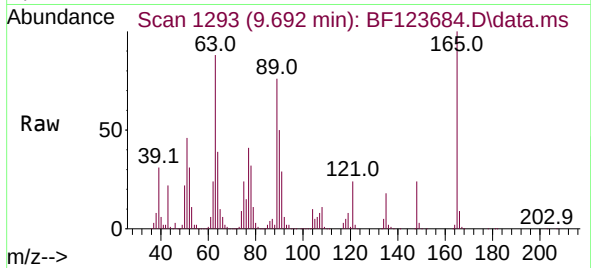
#51
2,6-Dinitrotoluene
Concen: 40.06 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:165 Resp: 535836
Ion Ratio Lower Upper
165 100
63 87.9 67.7 101.5
89 76.0 58.8 88.2

Instrument :
BNA_F
ClientSampleId :
PB135894BS

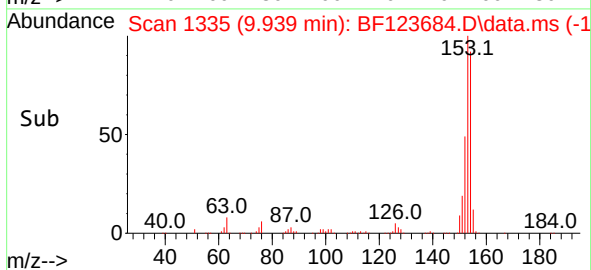
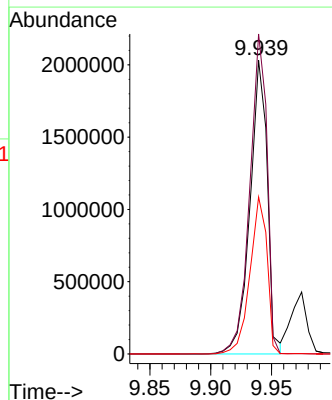
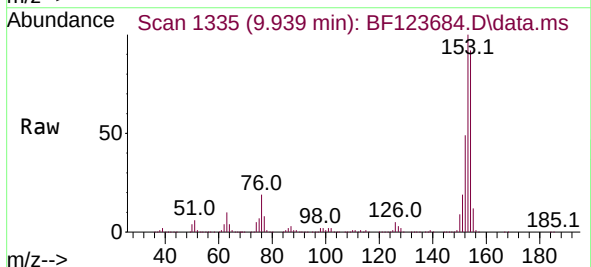
Manual Integrations
APPROVED

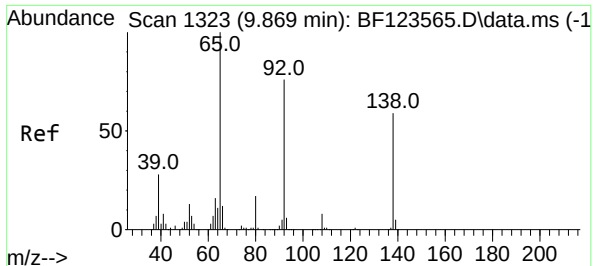
mohammad
4/23/2021 8:37:05 AM



#52
Acenaphthene
Concen: 36.80 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:154 Resp: 2006273
Ion Ratio Lower Upper
154 100
153 109.0 88.1 132.1
152 53.5 43.4 65.0





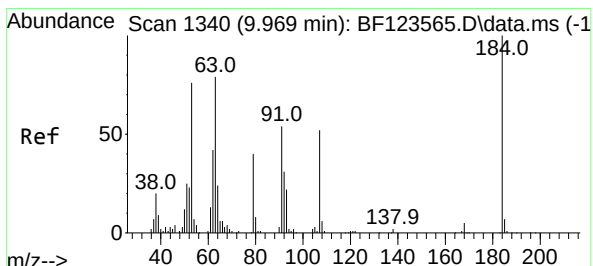
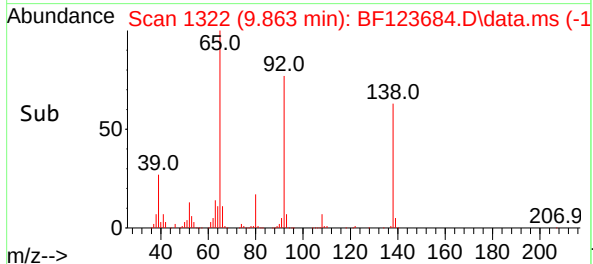
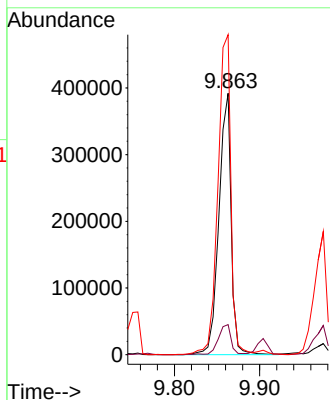
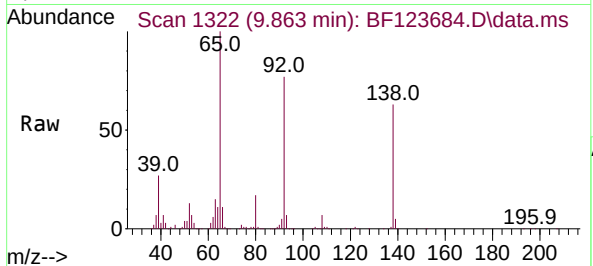
#53
3-Nitroaniline
Concen: 25.26 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:138 Resp: 391836
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.4
92 122.4 103.3 154.9

Instrument :
BNA_F
ClientSampleId :
PB135894BS

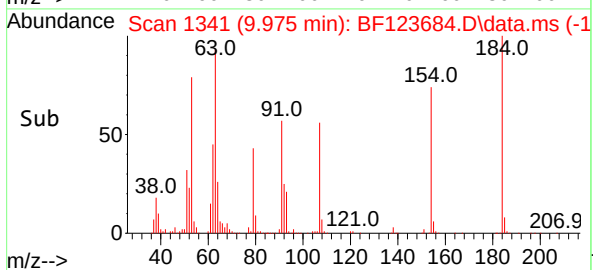
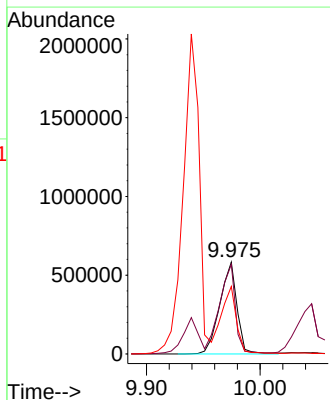
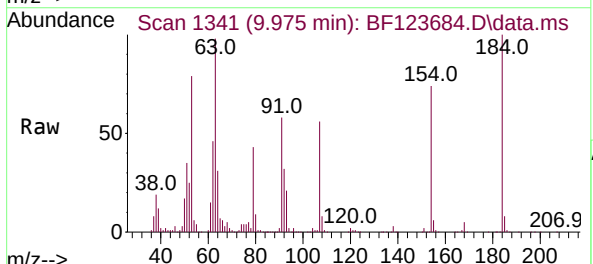
Manual Integrations
APPROVED

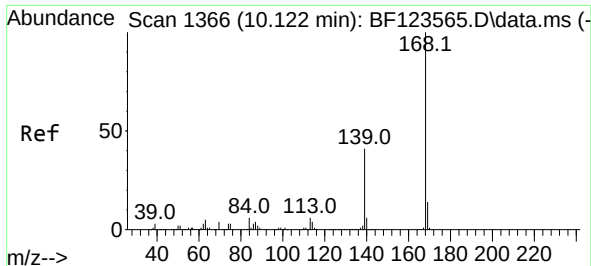
mohammad
4/23/2021 8:37:05 AM



#54
2,4-Dinitrophenol
Concen: 104.74 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

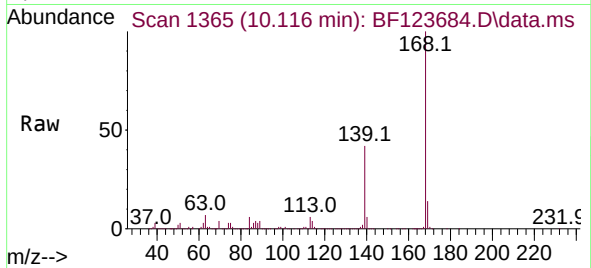
Tgt Ion:184 Resp: 615301
Ion Ratio Lower Upper
184 100
63 97.6 73.5 110.3
154 73.5 52.5 78.7





#55
Dibenzofuran
Concen: 35.48 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

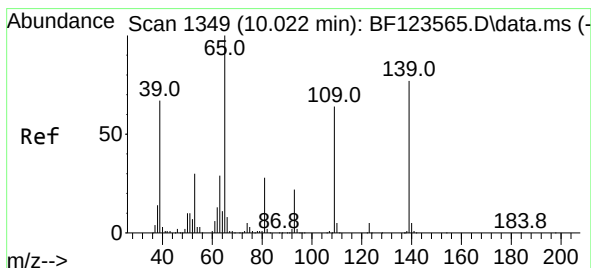
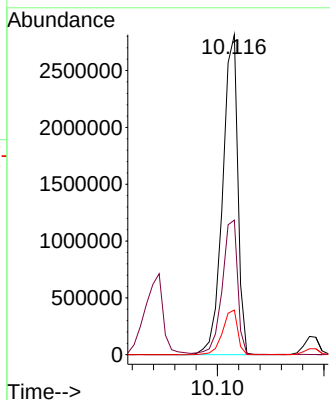
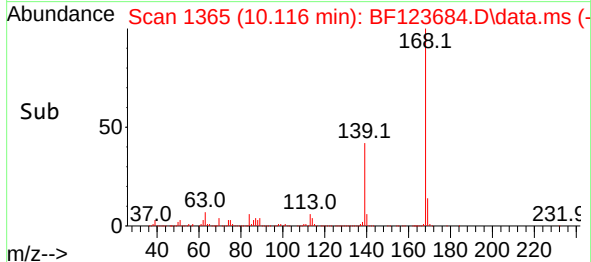
Instrument :
BNA_F
ClientSampleId :
PB135894BS



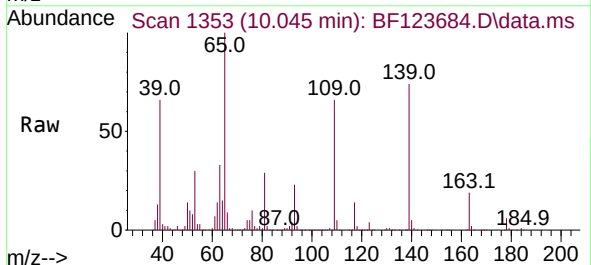
Tgt Ion:168 Resp: 2774838
Ion Ratio Lower Upper
168 100
139 42.0 33.2 49.8
169 13.9 10.8 16.2

Manual Integrations
APPROVED

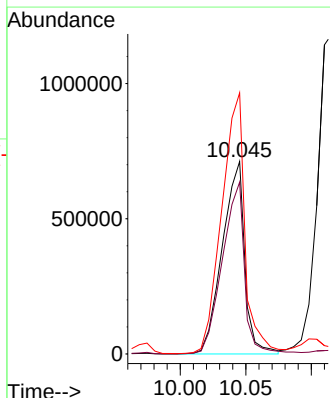
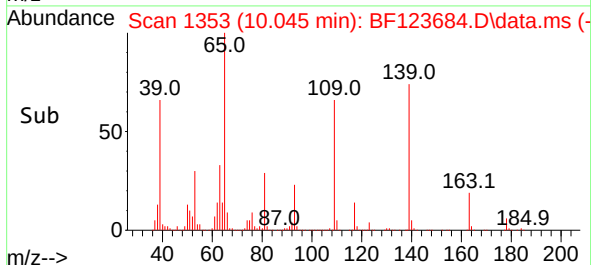
mohammad
4/23/2021 8:37:05 AM

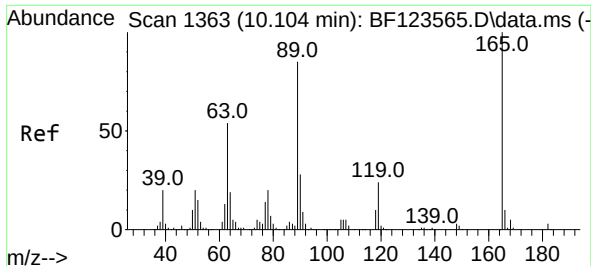


#56
4-Nitrophenol
Concen: 71.31 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.029 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



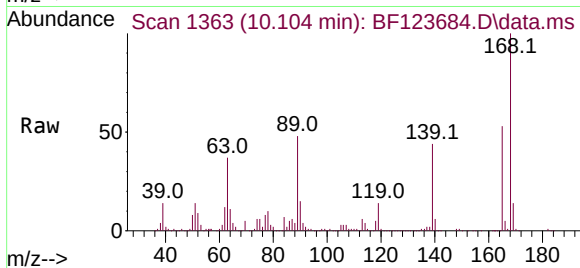
Tgt Ion:139 Resp: 847764
Ion Ratio Lower Upper
139 100
109 89.3 63.2 103.2
65 135.7 110.0 150.0





#57
2,4-Dinitrotoluene
Concen: 39.13 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.024 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

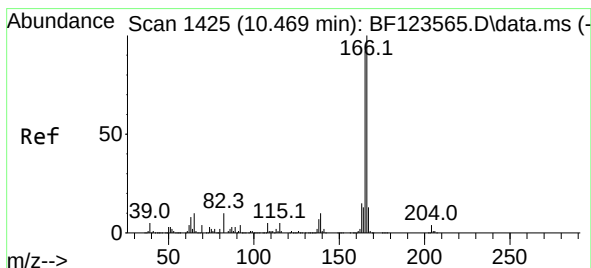
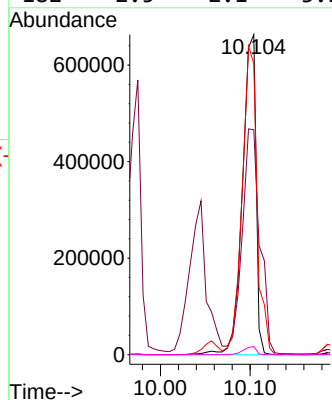
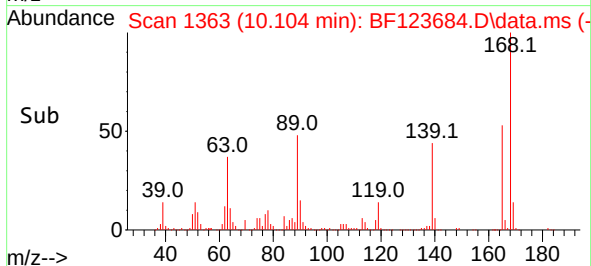
Instrument :
BNA_F
ClientSampled :
PB135894BS



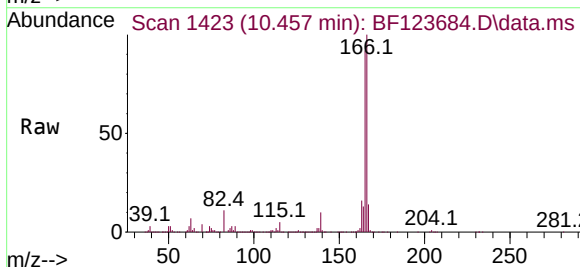
Tgt Ion:165 Resp: 698953
Ion Ratio Lower Upper
165 100
63 70.3 43.5 65.3#
89 91.0 67.7 101.5
182 2.5 2.1 3.1

Manual Integrations
APPROVED

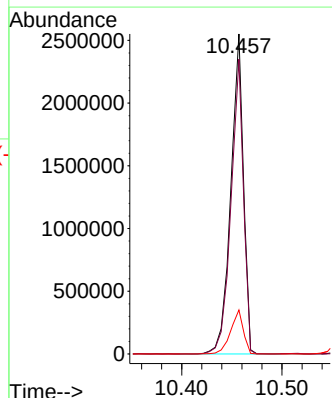
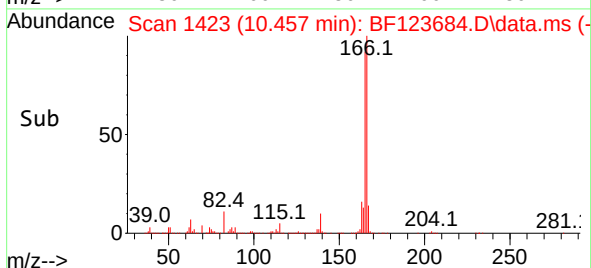
mohammad
4/23/2021 8:37:05 AM

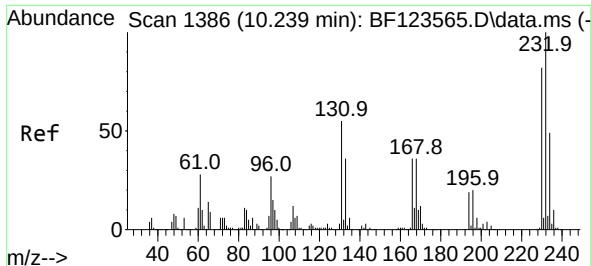


#58
Fluorene
Concen: 36.20 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:166 Resp: 2225414
Ion Ratio Lower Upper
166 100
165 92.1 73.5 110.3
167 13.7 10.7 16.1





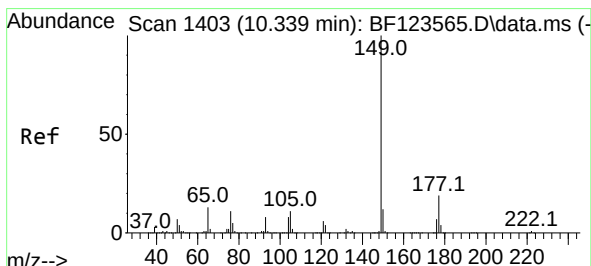
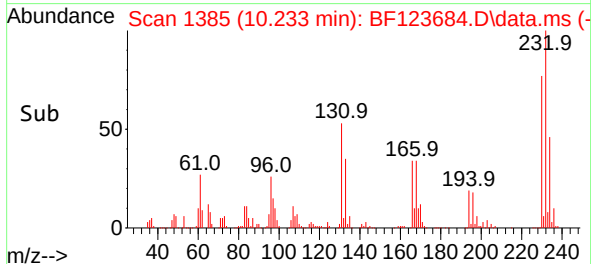
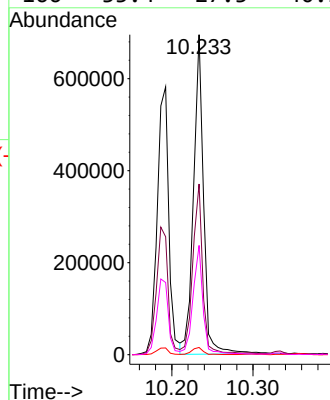
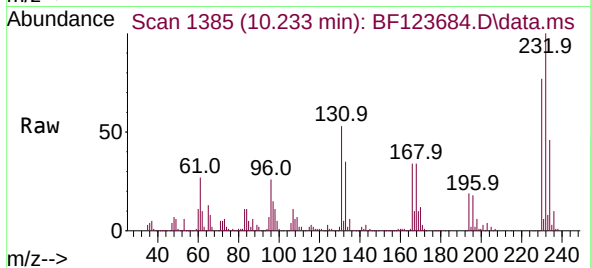
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.74 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:232 Resp: 600218
Ion Ratio Lower Upper
232 100
131 52.3 43.2 64.8
130 2.6 2.2 3.2
166 33.4 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
PB135894BS

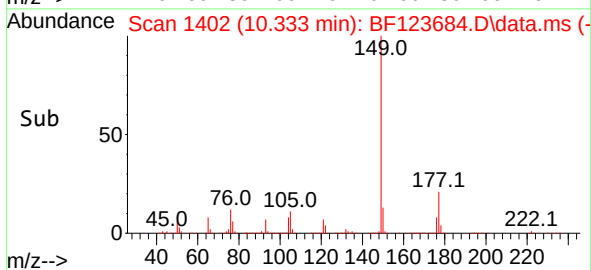
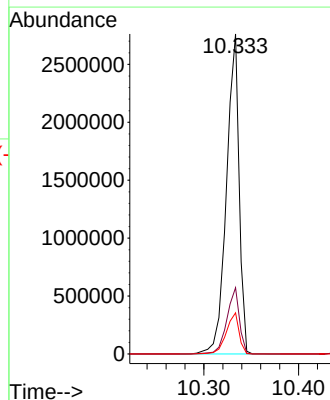
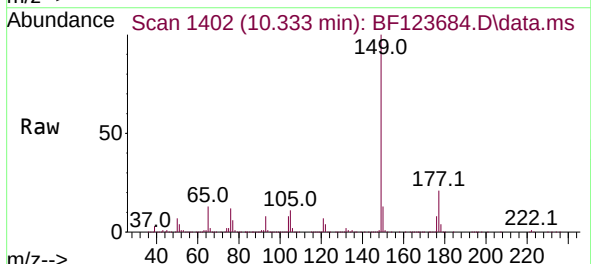
Manual Integrations
APPROVED

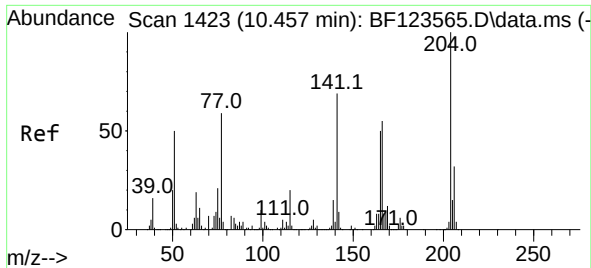
mohammad
4/23/2021 8:37:05 AM



#60
Diethylphthalate
Concen: 38.55 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:149 Resp: 2571168
Ion Ratio Lower Upper
149 100
177 20.7 15.4 23.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.01 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

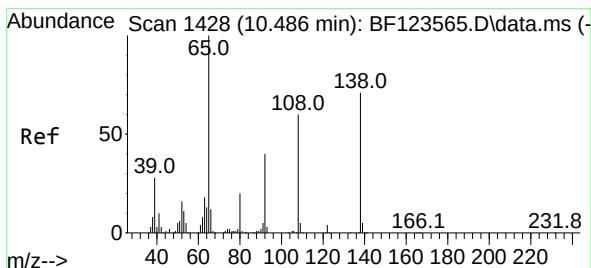
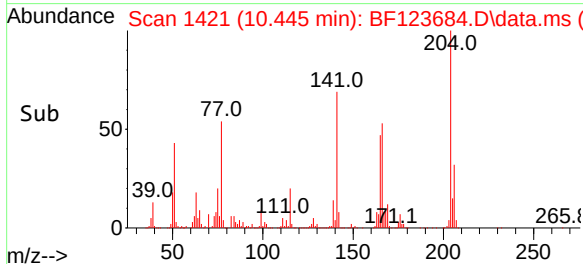
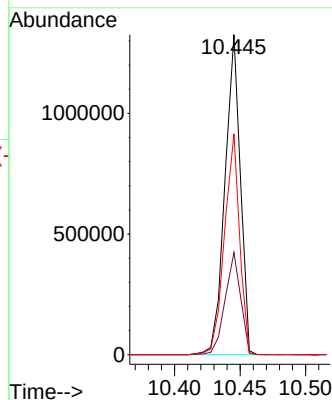
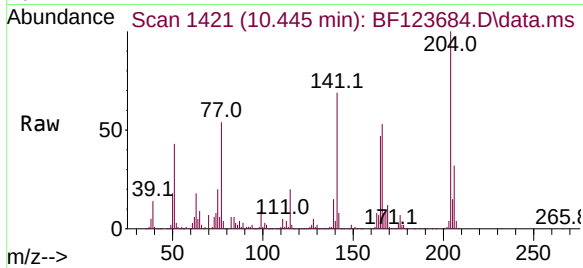
Tgt Ion:204 Resp: 1078503

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.7	38.5
141	69.0	55.5	83.3

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

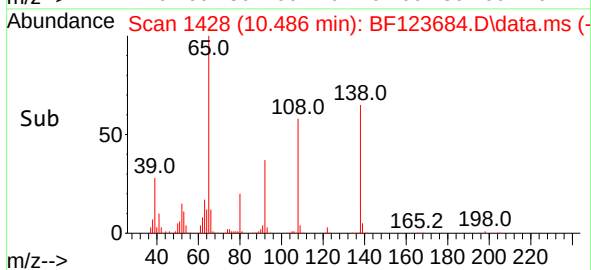
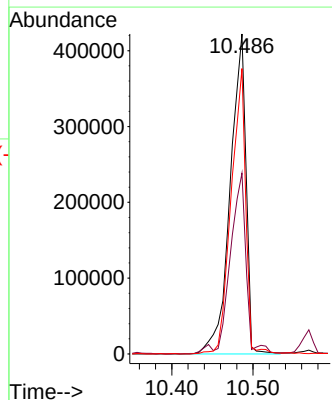
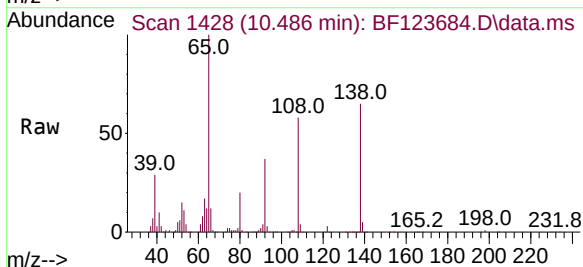
mohammad
4/23/2021 8:37:05 AM

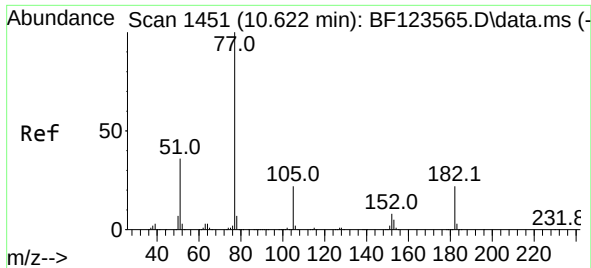


#62
4-Nitroaniline
Concen: 36.41 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.024 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

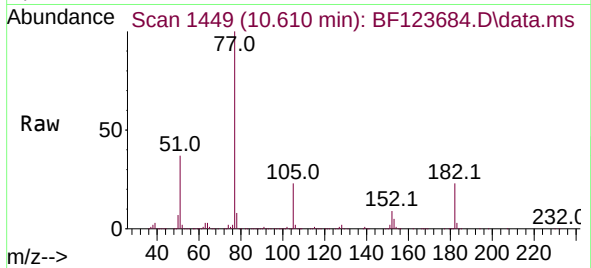
Tgt Ion:138 Resp: 570462

Ion	Ratio	Lower	Upper
138	100		
92	56.5	35.8	75.8
108	89.2	63.6	103.6



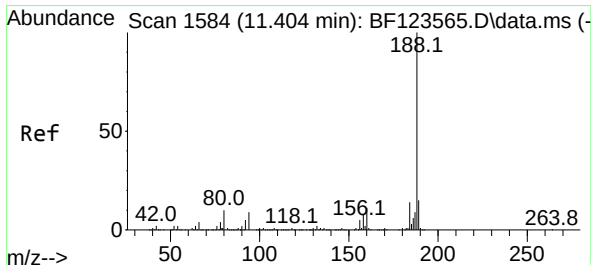
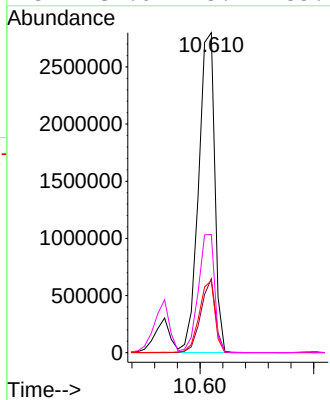
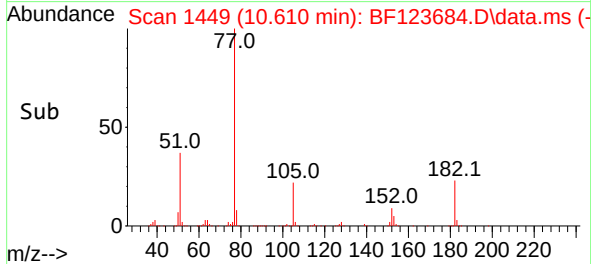


#63
Azobenzene
Concen: 36.45 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

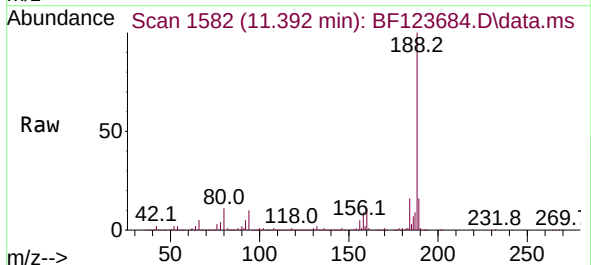


Tgt Ion: 77 Resp: 2754215

Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.7	41.7
105	22.5	1.7	41.7
51	37.0	15.9	55.9

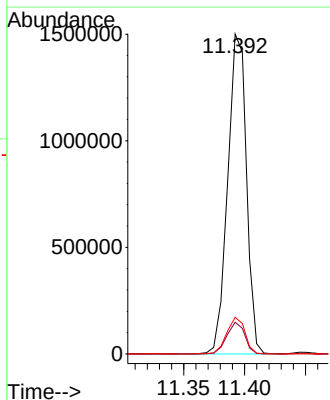
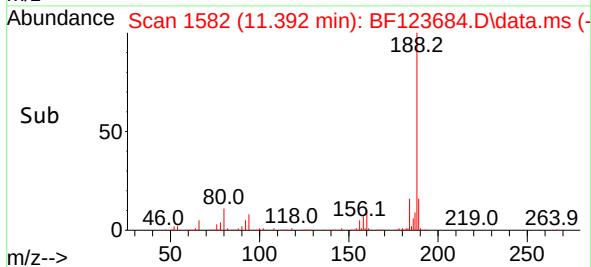


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion: 188 Resp: 1602782

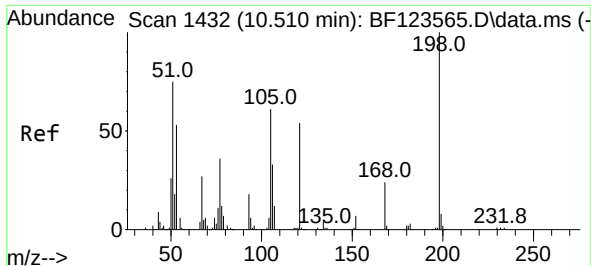
Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.9	10.3
80	11.5	8.2	12.2



Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

mohammad
4/23/2021 8:37:05 AM



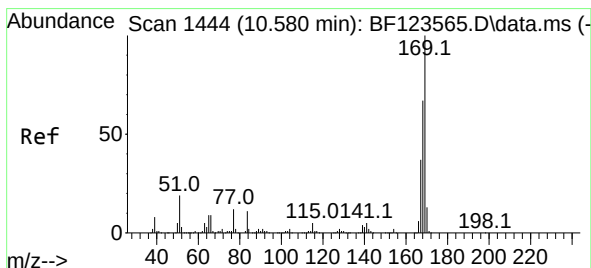
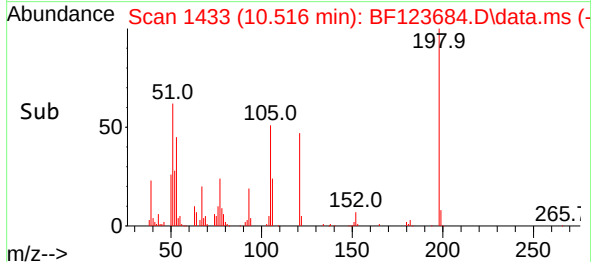
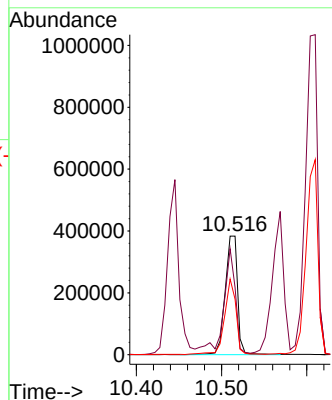
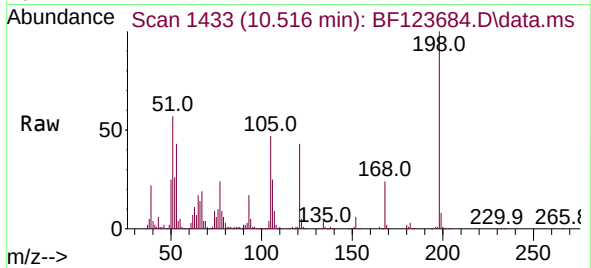
#65
4,6-Dinitro-2-methylphenol
Concen: 46.27 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.024 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:198 Resp: 386927
Ion Ratio Lower Upper
198 100
51 56.6 64.8 104.8#
105 46.7 42.6 82.6

Instrument :
BNA_F
ClientSampleId :
PB135894BS

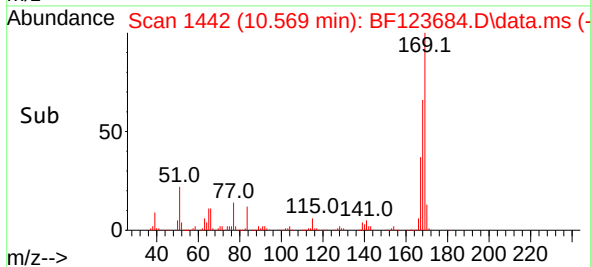
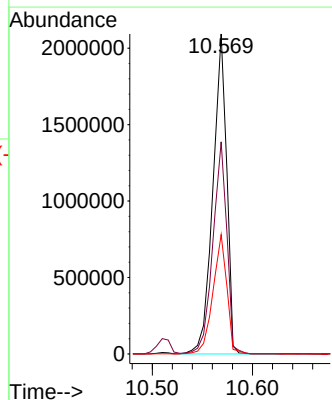
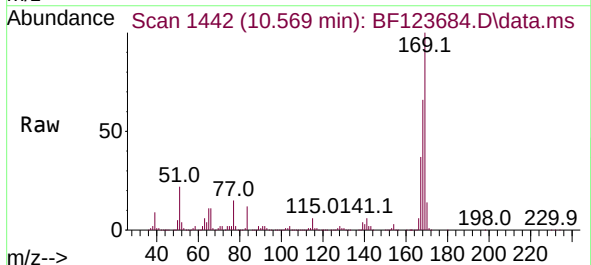
Manual Integrations
APPROVED

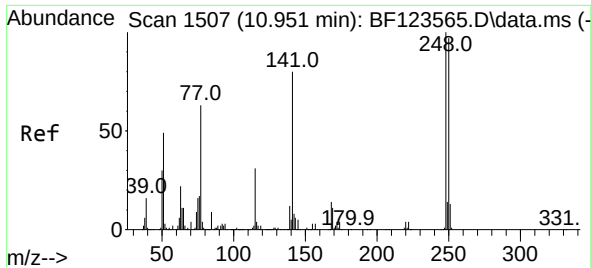
mohammad
4/23/2021 8:37:05 AM



#66
n-Nitrosodiphenylamine
Concen: 38.88 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:169 Resp: 1994999
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 37.3 29.9 44.9





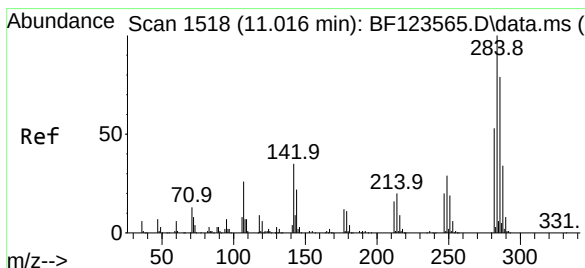
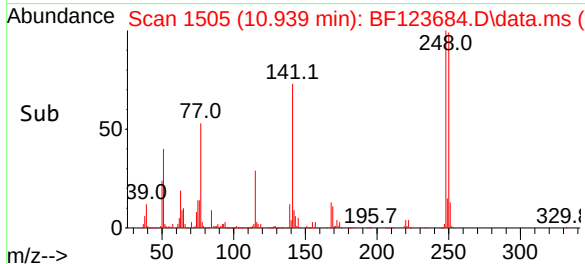
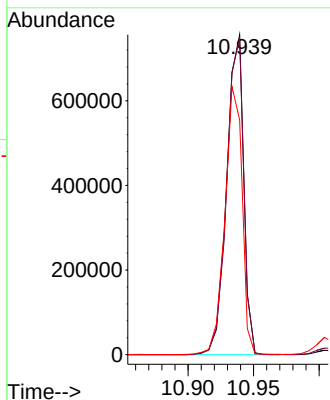
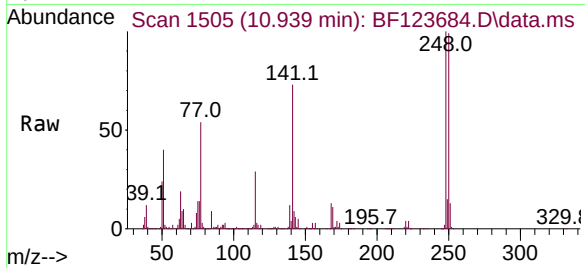
#67
4-Bromophenyl-phenylether
Concen: 40.67 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 248 Resp: 681493
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 73.4 63.7 95.5

Instrument :
BNA_F
ClientSampleId :
PB135894BS

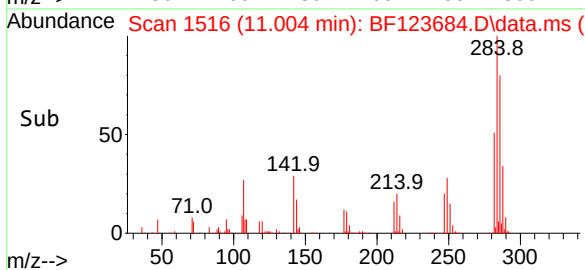
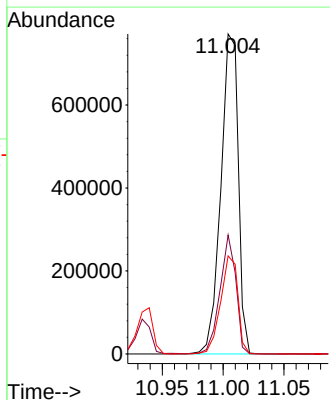
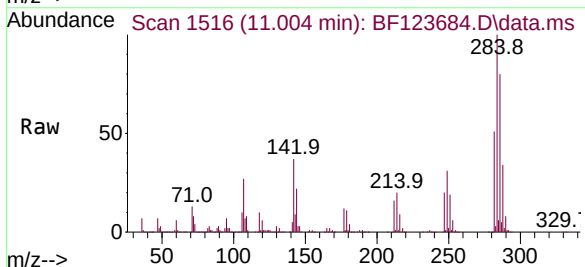
Manual Integrations
APPROVED

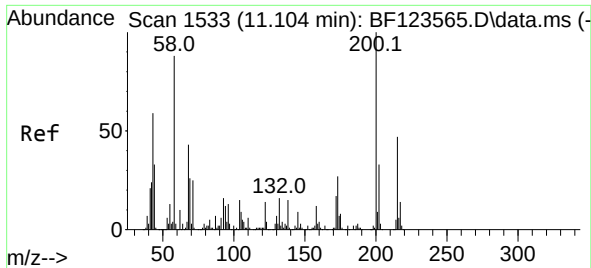
mohammad
4/23/2021 8:37:05 AM



#68
Hexachlorobenzene
Concen: 40.84 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 284 Resp: 771298
Ion Ratio Lower Upper
284 100
142 37.1 28.3 42.5
249 30.6 23.5 35.3





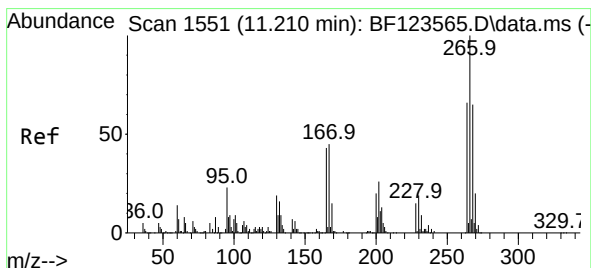
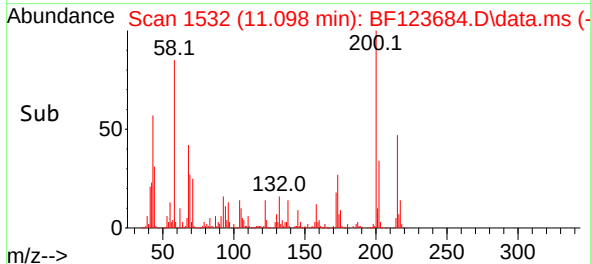
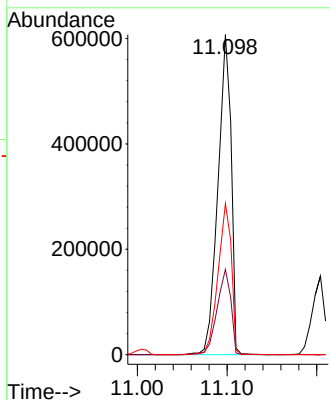
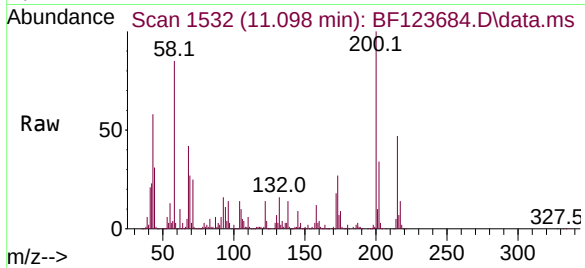
#69
Atrazine
Concen: 38.81 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:200 Resp: 620597
Ion Ratio Lower Upper
200 100
173 26.6 6.9 46.9
215 47.2 26.5 66.5

Instrument :
BNA_F
ClientSampleId :
PB135894BS

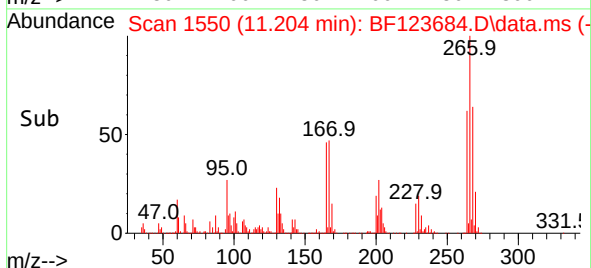
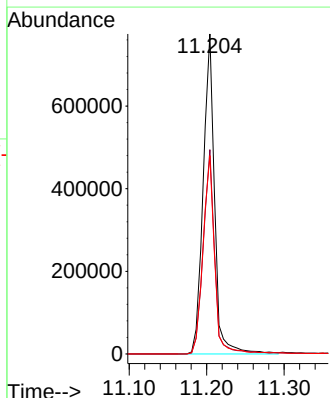
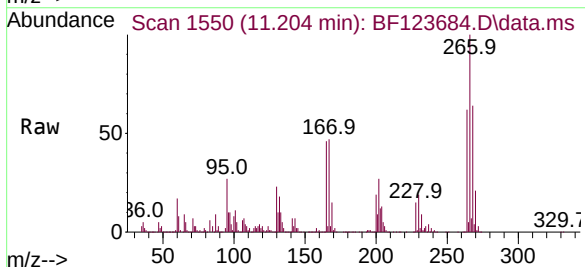
Manual Integrations
APPROVED

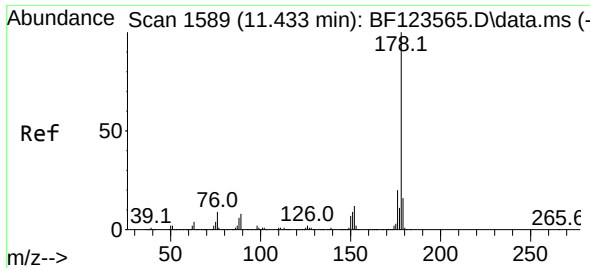
mohammad
4/23/2021 8:37:05 AM



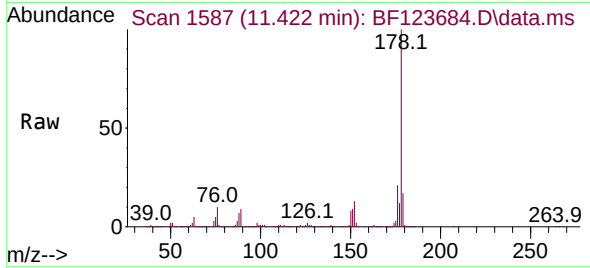
#70
Pentachlorophenol
Concen: 80.56 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:266 Resp: 794808
Ion Ratio Lower Upper
266 100
268 63.8 51.6 77.4
264 62.0 52.6 78.8

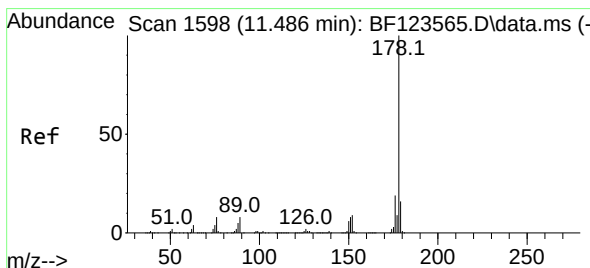
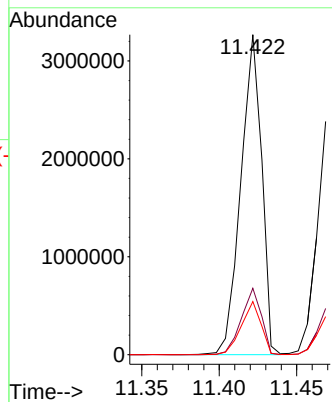
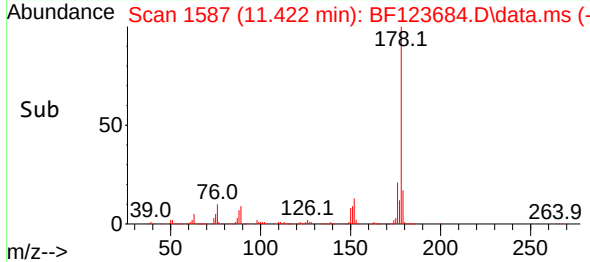




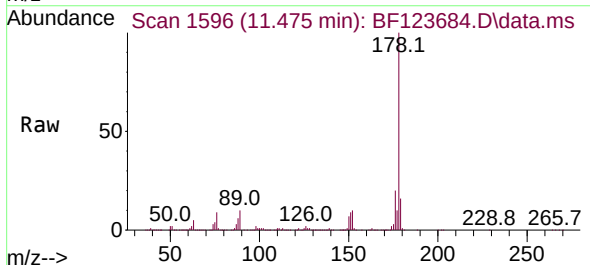
#71
Phenanthrene
Concen: 36.50 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



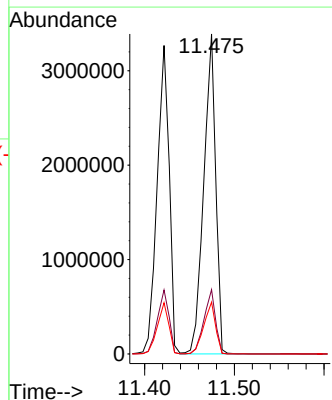
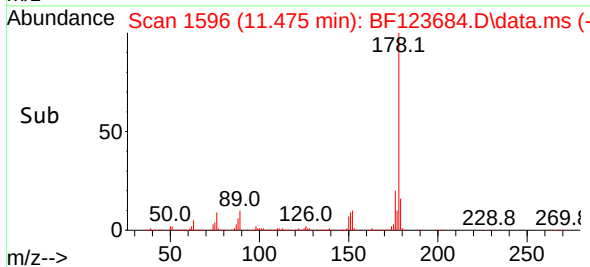
Tgt Ion:178 Resp: 3052976
Ion Ratio Lower Upper
178 100
176 20.7 15.6 23.4
179 16.6 12.5 18.7



#72
Anthracene
Concen: 37.48 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



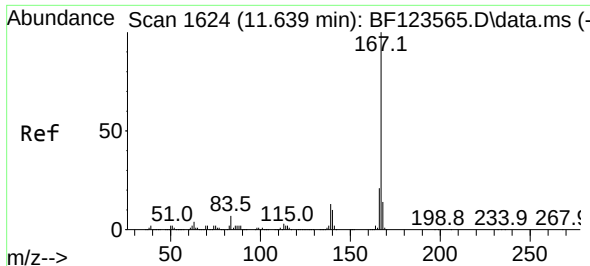
Tgt Ion:178 Resp: 3133666
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 16.2 12.6 18.8



Instrument :
BNA_F
ClientSampleId :
PB135894BS

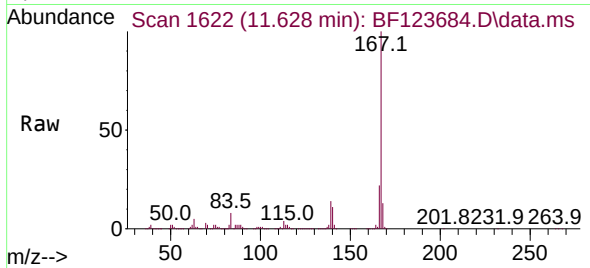
Manual Integrations
APPROVED

mohammad
4/23/2021 8:37:05 AM



#73
Carbazole
Concen: 34.97 ng
RT: 11.628 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

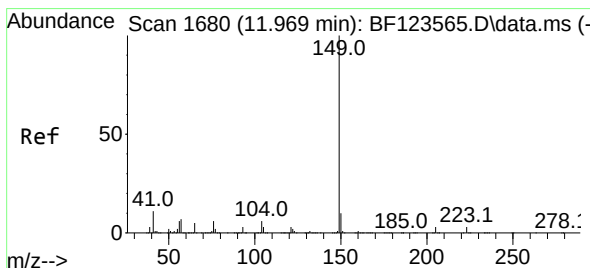
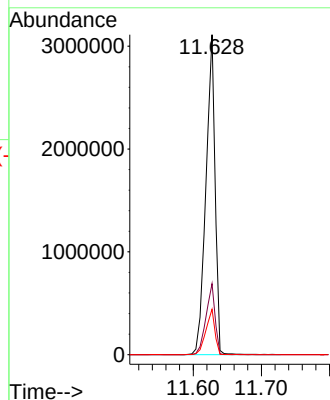
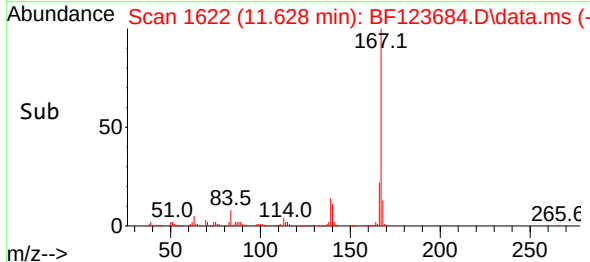
Instrument :
BNA_F
ClientSampleId :
PB135894BS



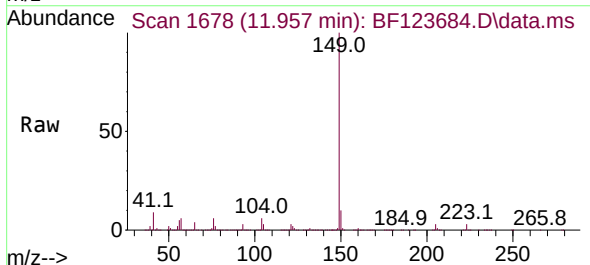
Tgt Ion:167 Resp: 2918398
Ion Ratio Lower Upper
167 100
166 22.2 17.0 25.6
139 14.2 10.4 15.6

Manual Integrations
APPROVED

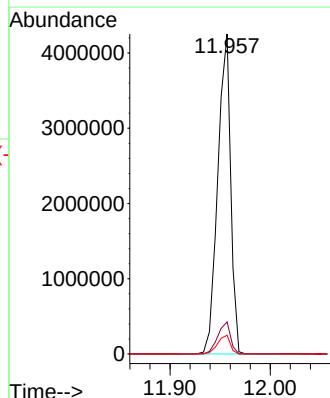
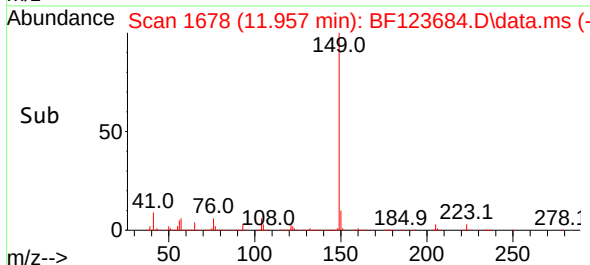
mohammad
4/23/2021 8:37:05 AM

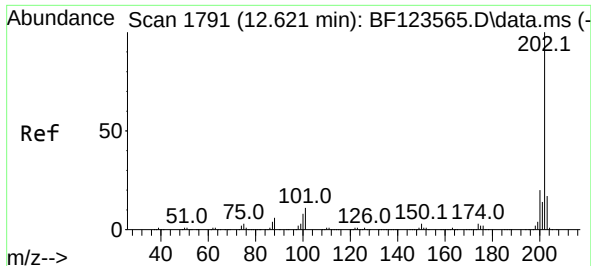


#74
Di-n-butylphthalate
Concen: 37.63 ng
RT: 11.957 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



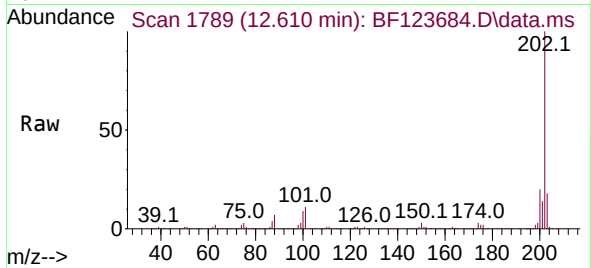
Tgt Ion:149 Resp: 3800178
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.8
104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 35.05 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

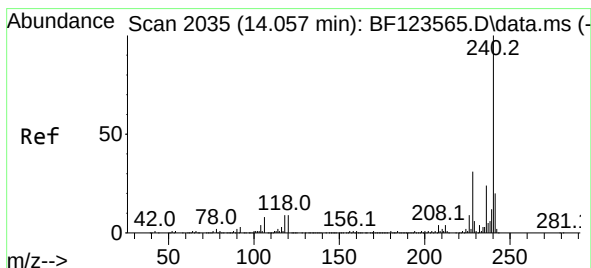
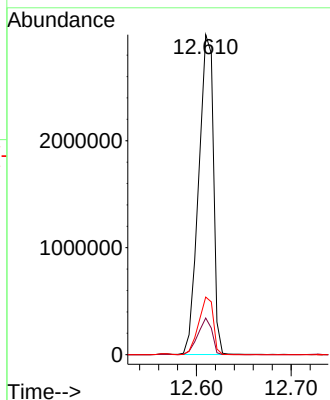
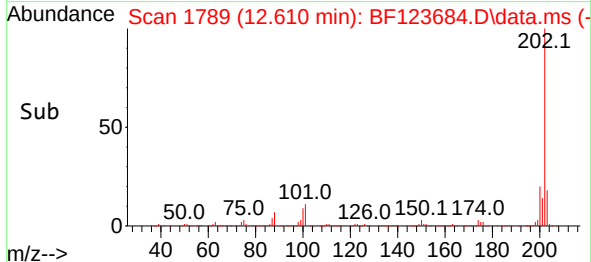
Instrument :
BNA_F
ClientSampleId :
PB135894BS



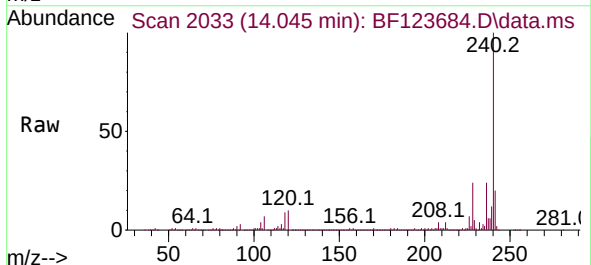
Tgt Ion:202 Resp: 3222461
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.9
203 18.0 0.0 37.5

Manual Integrations
APPROVED

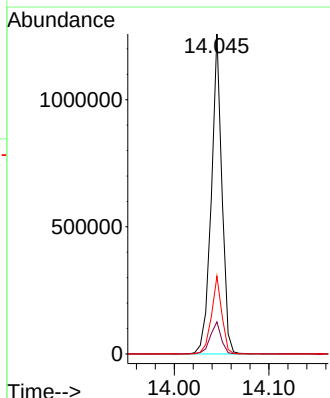
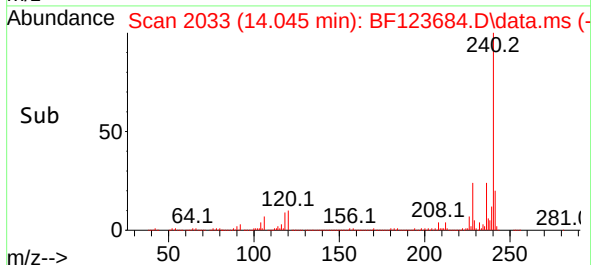
mohammad
4/23/2021 8:37:05 AM

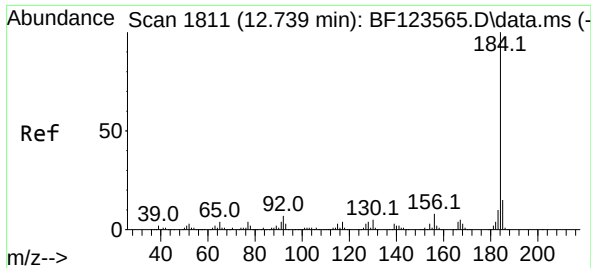


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

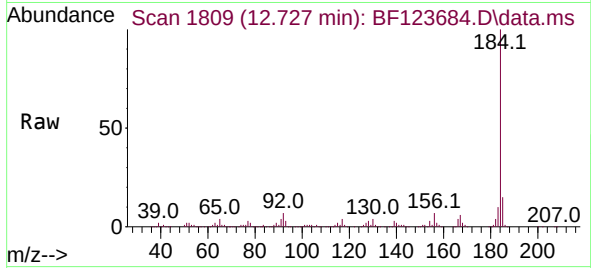


Tgt Ion:240 Resp: 972720
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 24.3 19.0 28.4

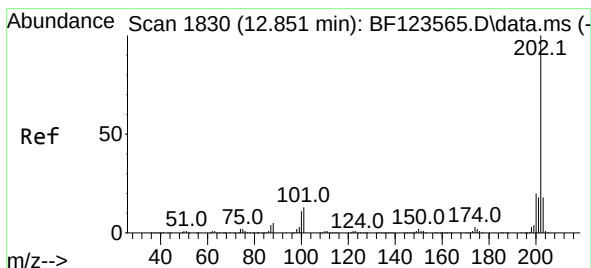
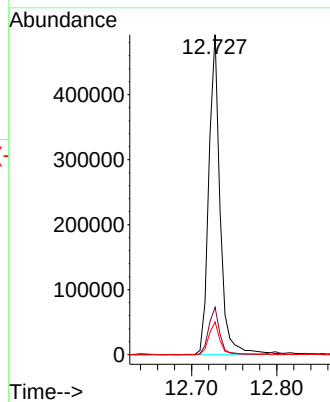
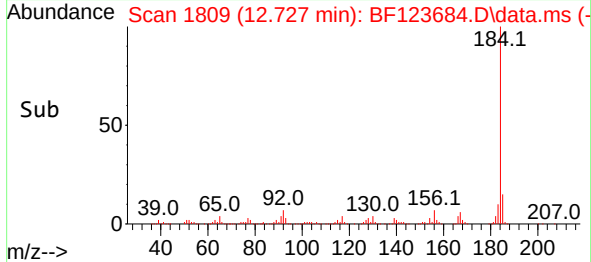




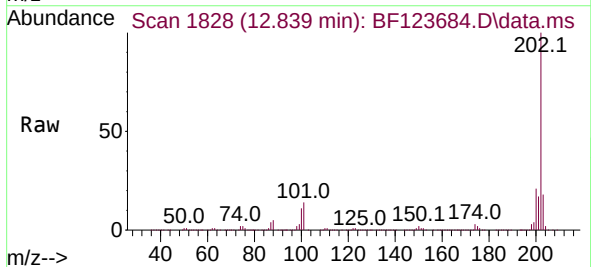
#77
Benzidine
Concen: 17.16 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



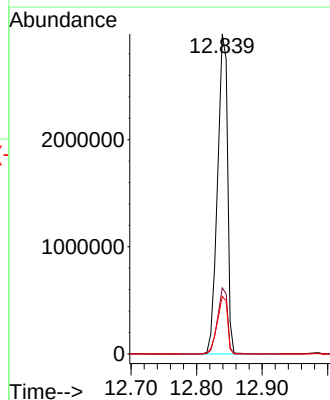
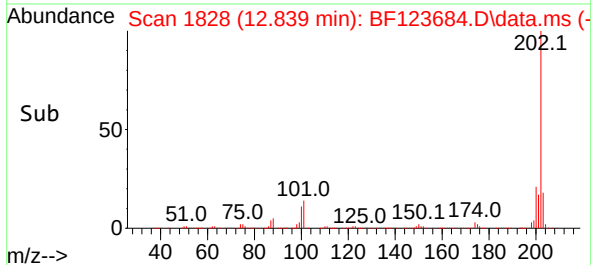
Tgt Ion:184 Resp: 453650
Ion Ratio Lower Upper
184 100
185 14.8 12.1 18.1
183 10.2 7.8 11.8



#78
Pyrene
Concen: 44.53 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



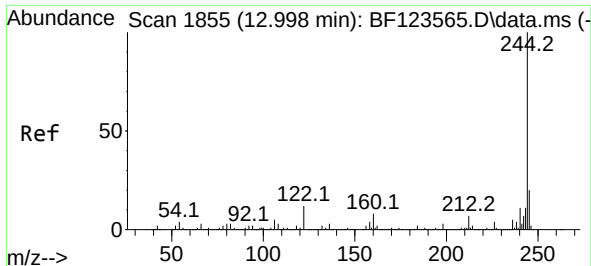
Tgt Ion:202 Resp: 3161517
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 18.0 14.8 22.2



Instrument :
BNA_F
ClientSampleId :
PB135894BS

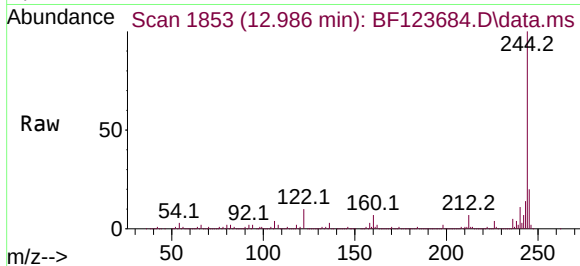
Manual Integrations
APPROVED

mohammad
4/23/2021 8:37:05 AM



#79
 Terphenyl-d14
 Concen: 70.28 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.012 min
 Lab File: BF123684.D
 Acq: 22 Apr 2021 10:29

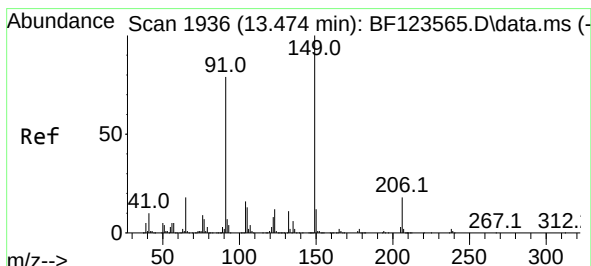
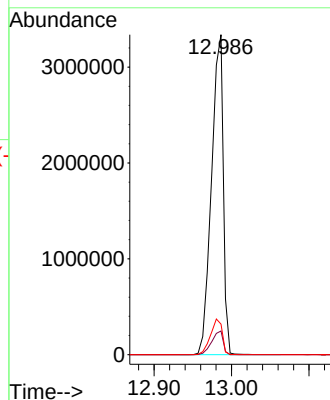
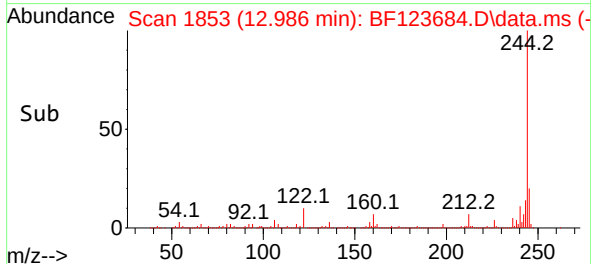
Instrument :
 BNA_F
 ClientSampleId :
 PB135894BS



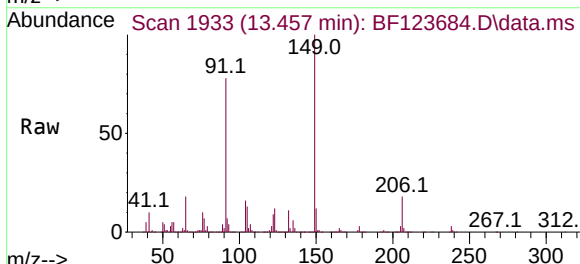
Tgt Ion:244 Resp: 3517455
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.6 9.7 14.5#

Manual Integrations
 APPROVED

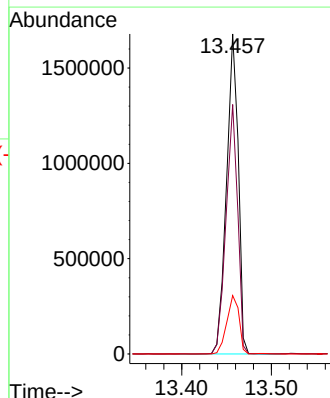
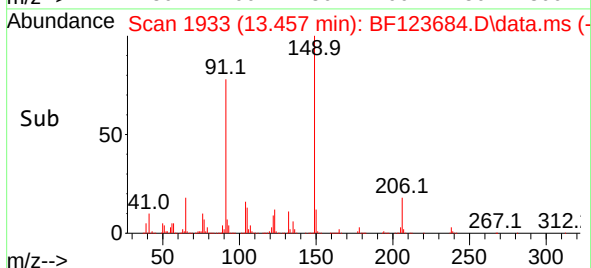
mohammad
 4/23/2021 8:37:05 AM

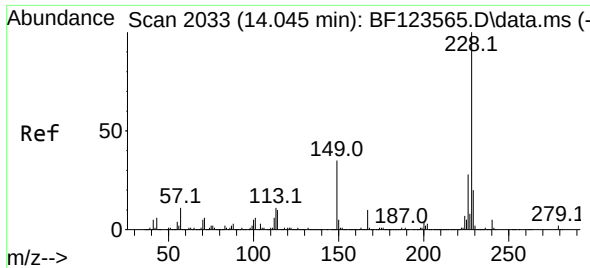


#80
 Butylbenzylphthalate
 Concen: 45.80 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF123684.D
 Acq: 22 Apr 2021 10:29



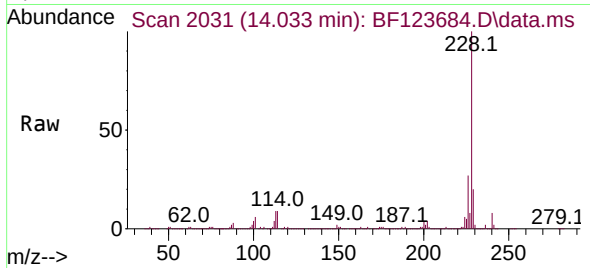
Tgt Ion:149 Resp: 1527873
 Ion Ratio Lower Upper
 149 100
 91 78.0 63.6 95.4
 206 18.2 14.5 21.7





#81
Benzo(a)anthracene
Concen: 38.05 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

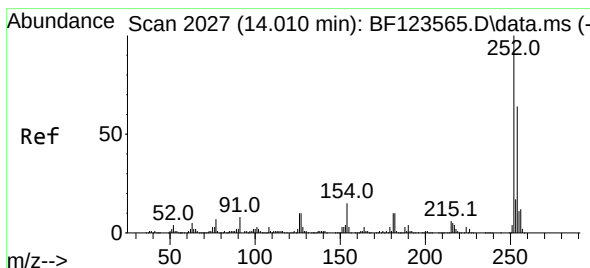
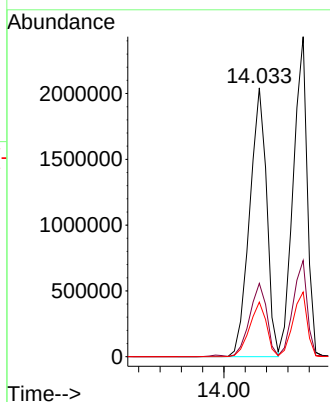
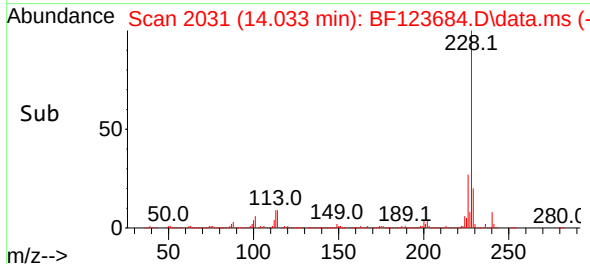
Instrument :
BNA_F
ClientSampleId :
PB135894BS



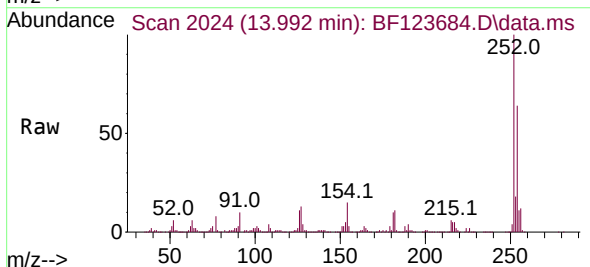
Tgt Ion:228 Resp: 2268264
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 20.3 16.0 24.0

Manual Integrations
APPROVED

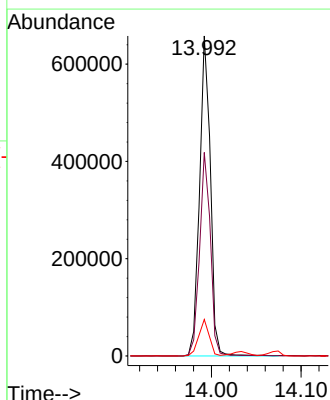
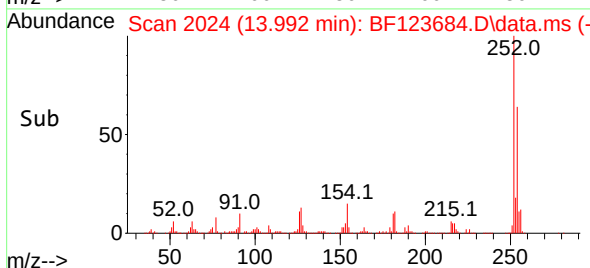
mohammad
4/23/2021 8:37:05 AM

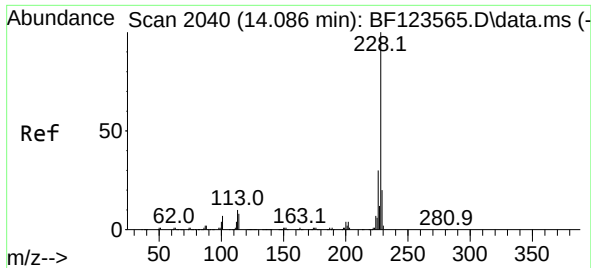


#82
3,3'-Dichlorobenzidine
Concen: 28.88 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:252 Resp: 549995
Ion Ratio Lower Upper
252 100
254 63.6 51.1 76.7
126 11.4 7.7 11.5





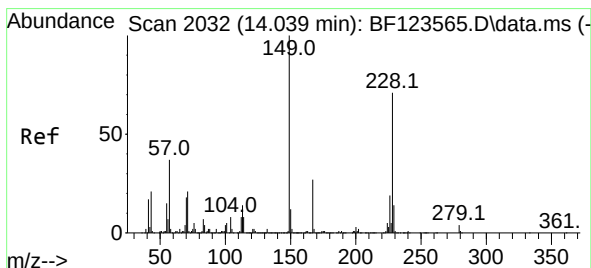
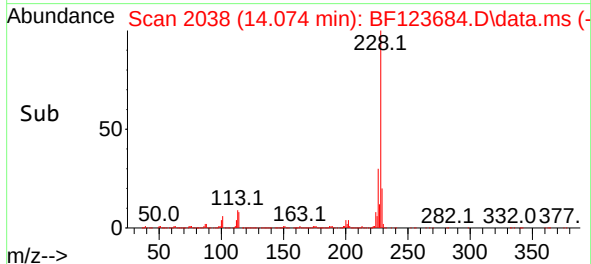
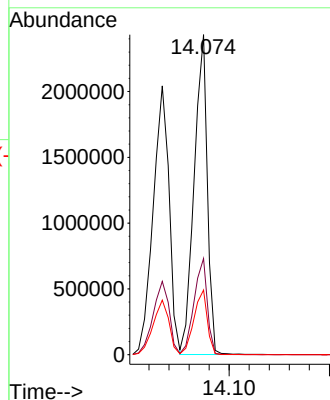
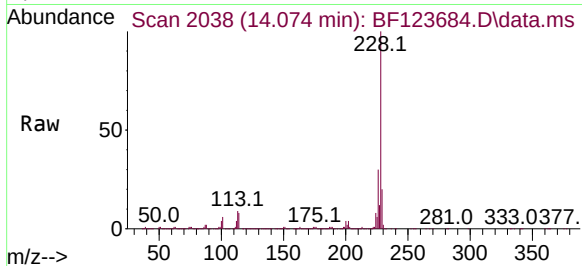
#83
Chrysene
Concen: 36.91 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:228 Resp: 2209228
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.2 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
PB135894BS

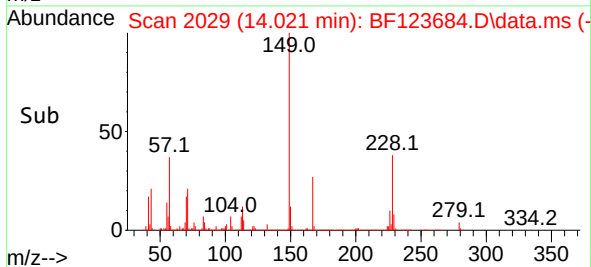
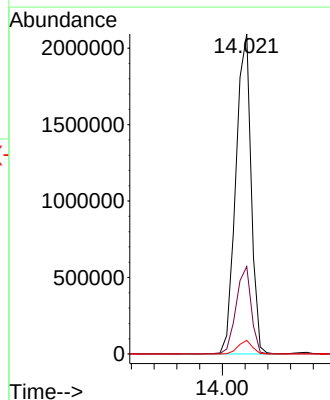
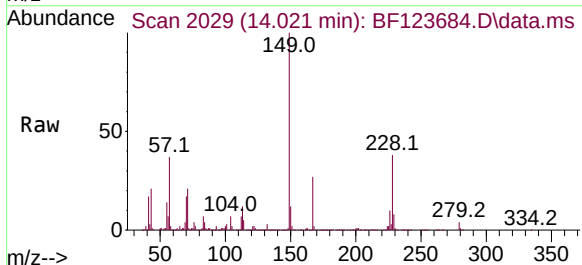
Manual Integrations
APPROVED

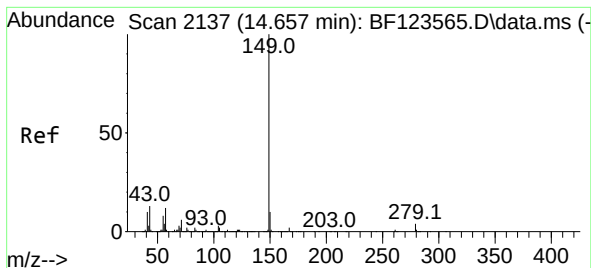
mohammad
4/23/2021 8:37:05 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.85 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:149 Resp: 1945031
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 4.3 3.3 4.9





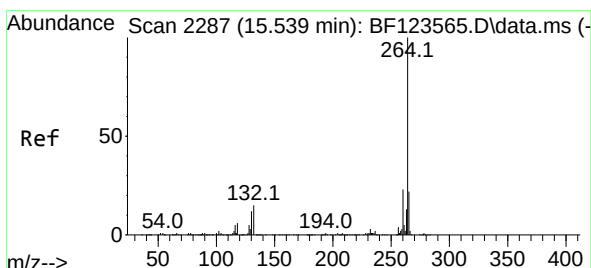
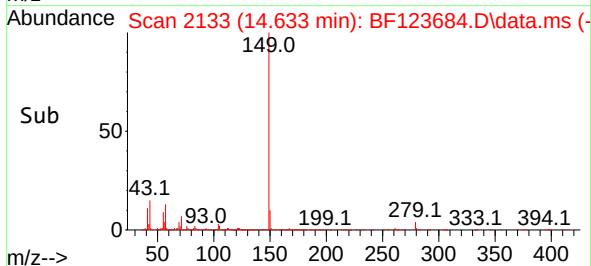
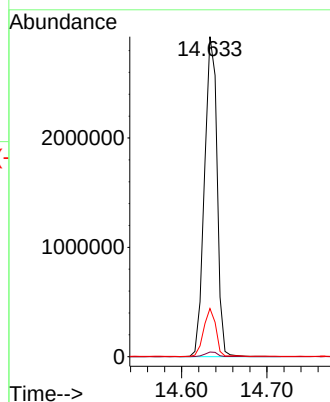
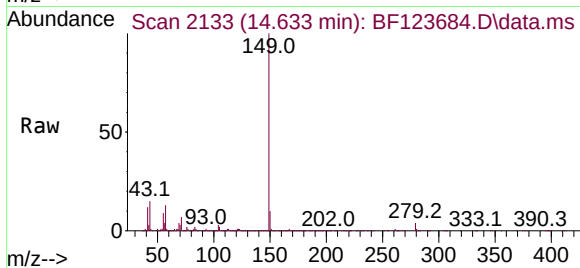
#85
Di-n-octyl phthalate
Concen: 41.88 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:149 Resp: 2989980
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.6 11.8 17.6

Instrument :
BNA_F
ClientSampleId :
PB135894BS

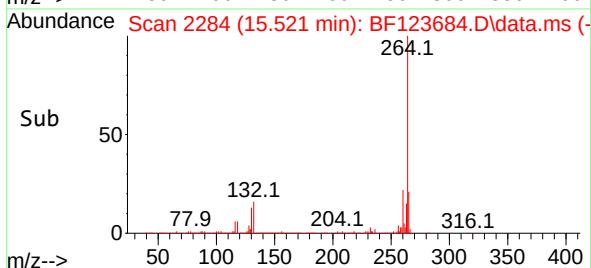
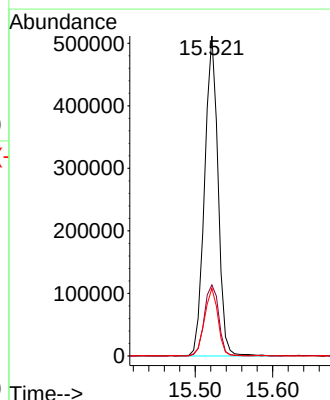
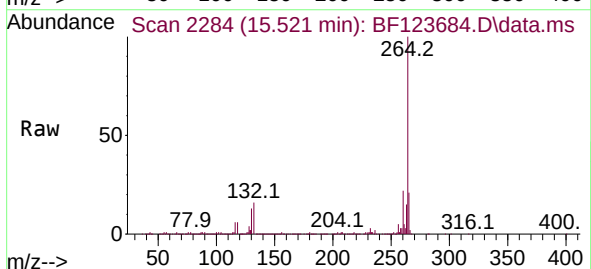
Manual Integrations
APPROVED

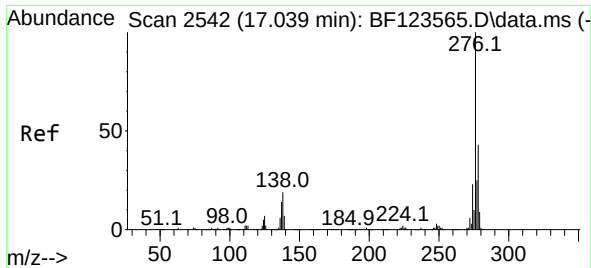
mohammad
4/23/2021 8:37:05 AM



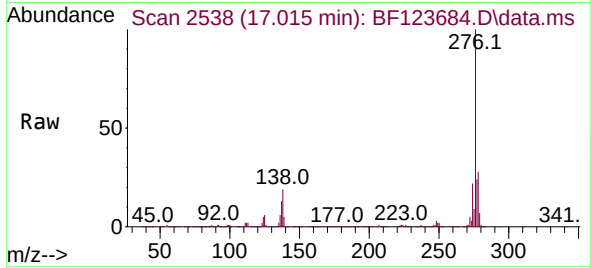
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion:264 Resp: 615519
Ion Ratio Lower Upper
264 100
260 22.2 18.7 28.1
265 21.1 17.8 26.8

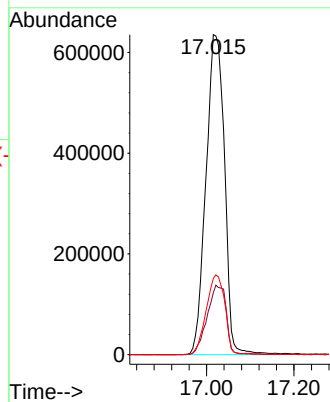
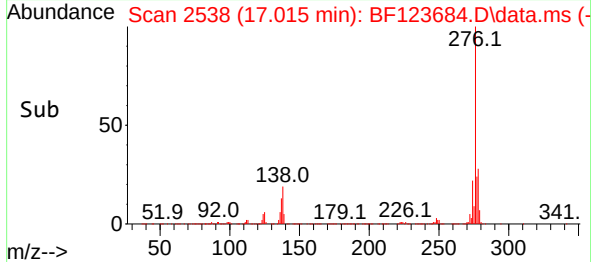




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.22 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.029 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



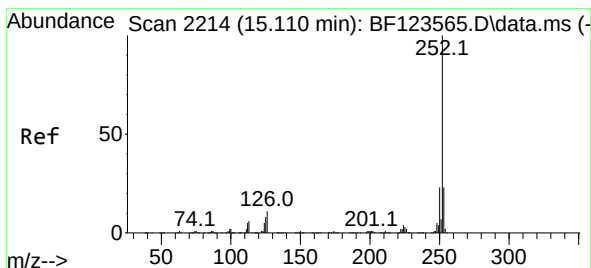
Tgt Ion: 276 Resp: 1879019
Ion Ratio Lower Upper
276 100
138 22.2 16.2 24.2
277 25.0 20.1 30.1



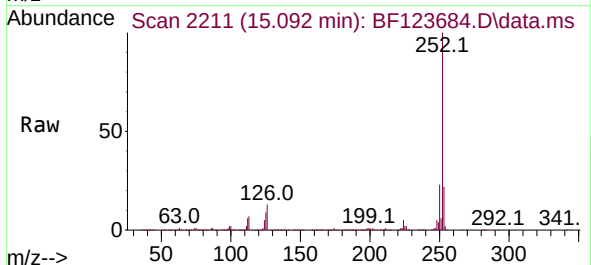
Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

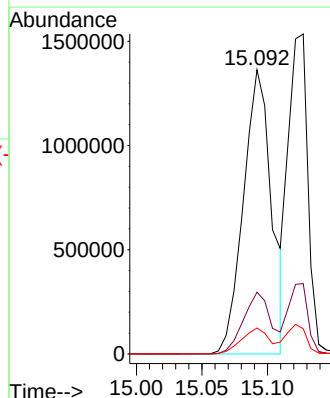
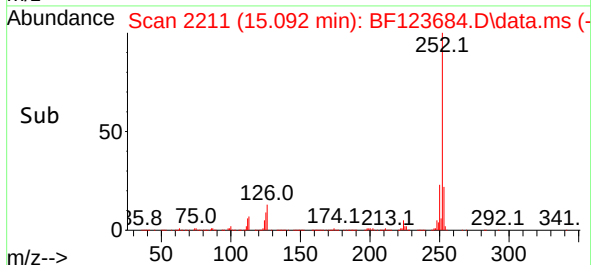
mohammad
4/23/2021 8:37:05 AM

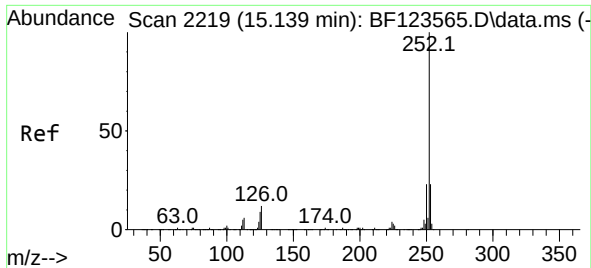


#88
Benzo(b)fluoranthene
Concen: 46.89 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



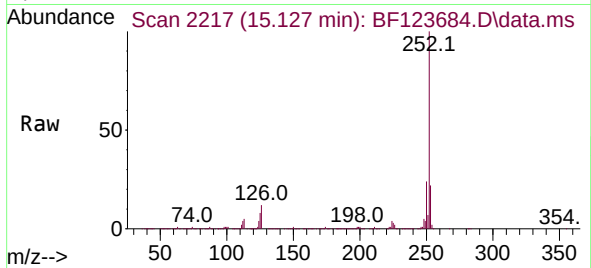
Tgt Ion: 252 Resp: 2037552
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.2 6.2 9.4





#89
Benzo(k)fluoranthene
Concen: 41.38 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

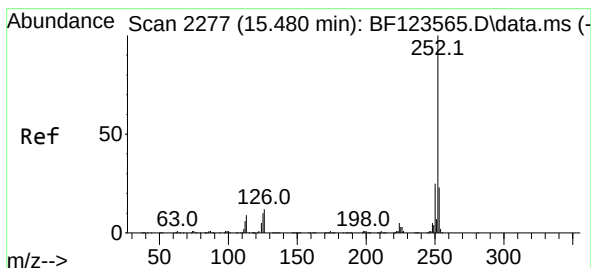
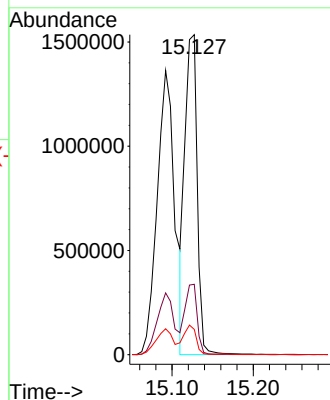
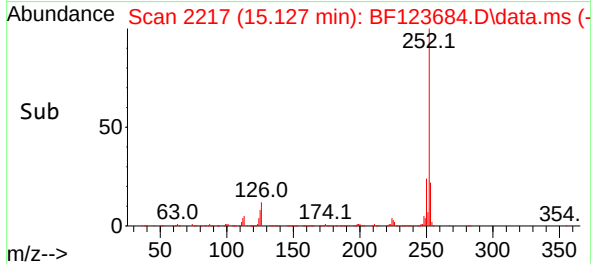
Instrument :
BNA_F
ClientSampleId :
PB135894BS



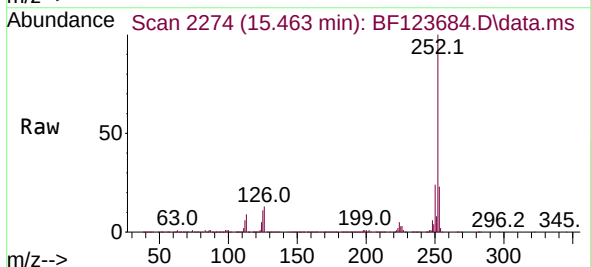
Tgt Ion:252 Resp: 1615635
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.9 7.0 10.6

Manual Integrations
APPROVED

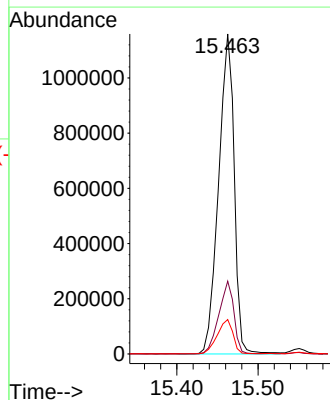
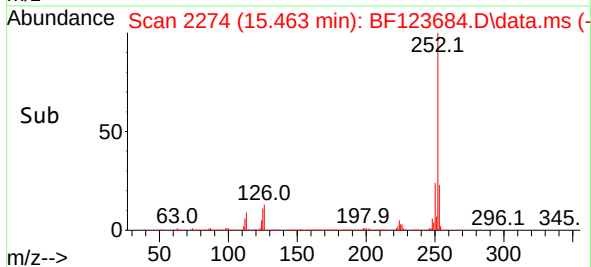
mohammad
4/23/2021 8:37:05 AM

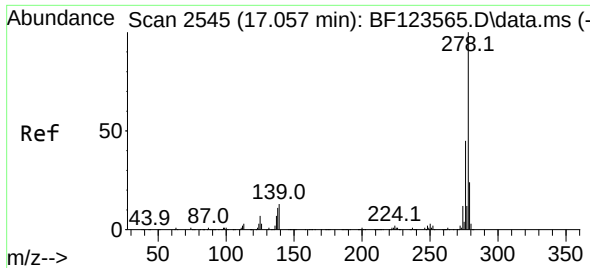


#90
Benzo(a)pyrene
Concen: 44.95 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29



Tgt Ion:252 Resp: 1553915
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 10.7 8.0 12.0





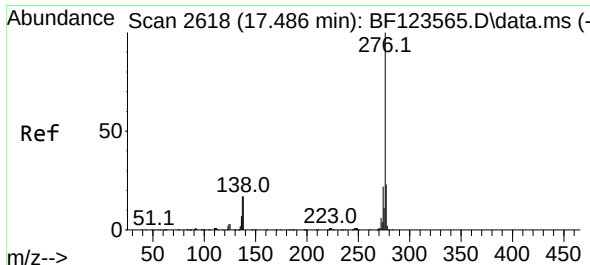
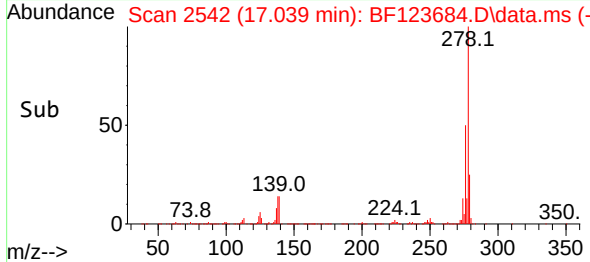
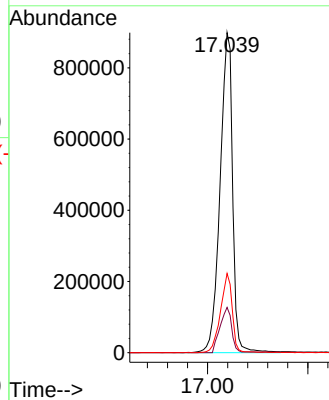
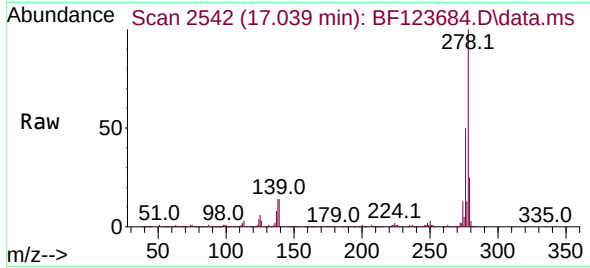
#91
Dibenzo(a,h)anthracene
Concen: 56.03 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.035 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 278 Resp: 1556215
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.2
279 24.8 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
PB135894BS

Manual Integrations
APPROVED

mohammad
4/23/2021 8:37:05 AM



#92
Benzo(g,h,i)perylene
Concen: 55.56 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.035 min
Lab File: BF123684.D
Acq: 22 Apr 2021 10:29

Tgt Ion: 276 Resp: 1578297
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.2
138 19.5 13.8 20.6

