

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123891.D
 Acq On : 10 May 2021 18:58
 Operator : JU/CG
 Sample : PB136256BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136256BS

Manual Integrations
 APPROVED

mohammad
 5/11/2021 4:16:10 PM

Quant Time: May 11 03:36:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	104682	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	498117	20.00	ng	# 0.00
39) Acenaphthene-d10	9.810	164	246012	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	472337	20.00	ng	0.00
76) Chrysene-d12	13.933	240	302864	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	229759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	786023	109.66	ng	0.01
7) Phenol-d6	6.416	99	1020526	106.67	ng	0.00
23) Nitrobenzene-d5	7.339	82	753863	62.82	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	407063	112.33	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1411772	71.62	ng	0.00
79) Terphenyl-d14	12.880	244	1578342	85.17	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	104421	31.94	ng	# 95
3) Pyridine	3.275	79	236290	30.83	ng	98
4) n-Nitrosodimethylamine	3.222	42	228396	38.09	ng	# 75
6) Aniline	6.434	93	241400	23.18	ng	# 1
8) 2-Chlorophenol	6.557	128	291138	38.91	ng	98
9) Benzaldehyde	6.316	77	238070	57.75	ng	96
10) Phenol	6.434	94	384059	37.83	ng	# 70
11) bis(2-Chloroethyl)ether	6.510	93	278932	41.24	ng	98
12) 1,3-Dichlorobenzene	6.710	146	298651	38.55	ng	100
13) 1,4-Dichlorobenzene	6.786	146	308804	39.83	ng	97
14) 1,2-Dichlorobenzene	6.939	146	298809	39.97	ng	97
15) Benzyl Alcohol	6.916	79	295013	38.12	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.051	45	612723	40.96	ng	96
17) 2-Methylphenol	7.039	107	243943	38.96	ng	# 88
18) Hexachloroethane	7.281	117	129605	40.72	ng	99
19) n-Nitroso-di-n-propyla...	7.186	70	242389	41.37	ng	93
20) 3+4-Methylphenols	7.192	107	334545	40.72	ng	# 83
22) Acetophenone	7.181	105	489566	33.24	ng	94
24) Nitrobenzene	7.357	77	372913	30.42	ng	93
25) Isophorone	7.598	82	620640	30.05	ng	# 98
26) 2-Nitrophenol	7.675	139	153468	31.33	ng	95
27) 2,4-Dimethylphenol	7.716	122	260063	34.53	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	358777	35.96	ng	99
29) 2,4-Dichlorophenol	7.922	162	249755	32.54	ng	95
30) 1,2,4-Trichlorobenzene	7.998	180	284838	34.65	ng	98
31) Naphthalene	8.075	128	1051954	38.17	ng	100
32) Benzoic acid	7.857	122	136537	32.35	ng	# 81
33) 4-Chloroaniline	8.128	127	96193	8.67	ng	94
34) Hexachlorobutadiene	8.192	225	202751	36.73	ng	98
35) Caprolactam	8.504	113	94530m	37.97	ng	
36) 4-Chloro-3-methylphenol	8.622	107	371082	37.73	ng	96
37) 2-Methylnaphthalene	8.769	142	667395	37.37	ng	97
38) 1-Methylnaphthalene	8.869	142	617390	35.85	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	324549	38.46	ng	98
41) Hexachlorocyclopentadiene	8.928	237	319530	82.49	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	202047	35.23	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123891.D
 Acq On : 10 May 2021 18:58
 Operator : JU/CG
 Sample : PB136256BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136256BS

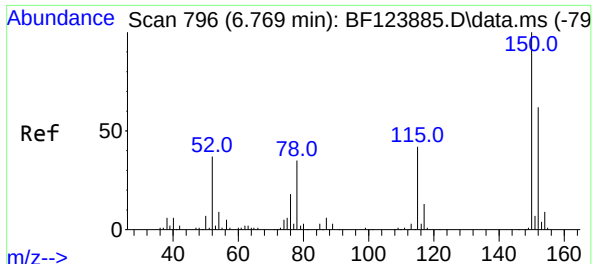
Manual Integrations
 APPROVED

mohammad
 5/11/2021 4:16:10 PM

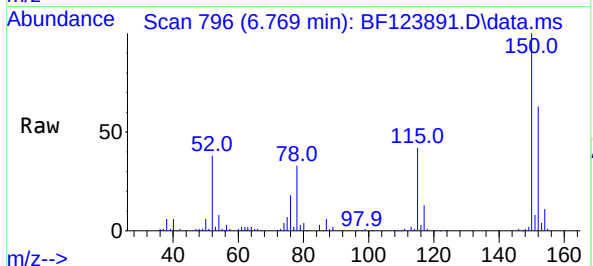
Quant Time: May 11 03:36:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	205299	35.73	ng	95
46) 1,1'-Biphenyl	9.233	154	770446	35.23	ng	99
47) 2-Chloronaphthalene	9.257	162	614353	36.87	ng	99
48) 2-Nitroaniline	9.357	65	271242	37.23	ng	91
49) Acenaphthylene	9.675	152	1005060	37.74	ng	100
50) Dimethylphthalate	9.539	163	714966	38.30	ng	99
51) 2,6-Dinitrotoluene	9.598	165	150915	35.86	ng	84
52) Acenaphthene	9.845	154	596402	36.91	ng	99
53) 3-Nitroaniline	9.763	138	74299	15.59	ng	94
54) 2,4-Dinitrophenol	9.880	184	161264	80.03	ng	# 90
55) Dibenzofuran	10.016	168	903814	36.37	ng	97
56) 4-Nitrophenol	9.951	139	238662	72.28	ng	89
57) 2,4-Dinitrotoluene	10.004	165	224644	38.77	ng	# 79
58) Fluorene	10.357	166	724735	37.17	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.139	232	172406	36.82	ng	99
60) Diethylphthalate	10.239	149	789139	40.97	ng	98
61) 4-Chlorophenyl-phenyle...	10.351	204	333604	36.31	ng	99
62) 4-Nitroaniline	10.386	138	172531	34.90	ng	# 81
63) Azobenzene	10.510	77	812803	37.87	ng	93
65) 4,6-Dinitro-2-methylph...	10.416	198	105498	36.66	ng	89
66) n-Nitrosodiphenylamine	10.474	169	640464	40.89	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	213985	42.33	ng	94
68) Hexachlorobenzene	10.910	284	260216	42.92	ng	# 92
69) Atrazine	11.004	200	202764	45.02	ng	96
70) Pentachlorophenol	11.104	266	227459	85.89	ng	96
71) Phenanthrene	11.321	178	1025338	38.02	ng	99
72) Anthracene	11.374	178	1064253	39.66	ng	99
73) Carbazole	11.527	167	972951	37.05	ng	99
74) Di-n-butylphthalate	11.857	149	1169578	42.22	ng	99
75) Fluoranthene	12.510	202	1136133	37.40	ng	96
77) Benzidine	12.627	184	371080	58.48	ng	98
78) Pyrene	12.733	202	1141885	42.86	ng	99
80) Butylbenzylphthalate	13.357	149	447271	47.58	ng	94
81) Benzo(a)anthracene	13.921	228	769456	38.22	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	81919	14.33	ng	# 98
83) Chrysene	13.962	228	763154	39.32	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	514851	45.98	ng	98
85) Di-n-octyl phthalate	14.527	149	685980	44.32	ng	99
87) Indeno(1,2,3-cd)pyrene	16.792	276	731515	45.97	ng	# 96
88) Benzo(b)fluoranthene	14.957	252	649059	41.01	ng	99
89) Benzo(k)fluoranthene	14.986	252	556501	38.11	ng	97
90) Benzo(a)pyrene	15.309	252	580155	42.01	ng	# 96
91) Dibenzo(a,h)anthracene	16.803	278	611275	44.84	ng	97
92) Benzo(g,h,i)perylene	17.221	276	594626	41.10	ng	# 96

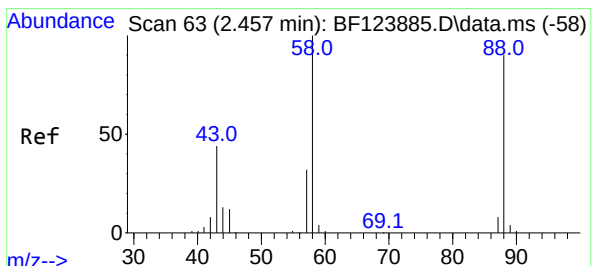
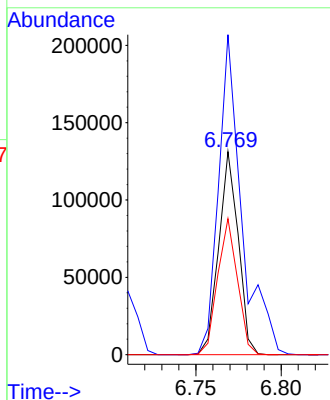
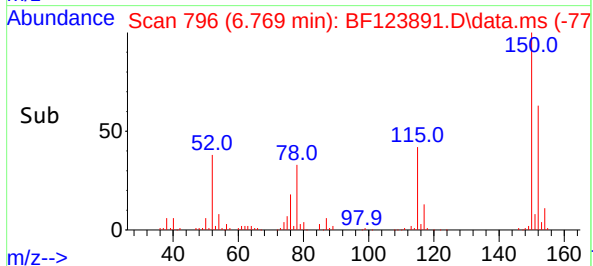
(#) = qualifier out of range (m) = manual integration (+) = signals summed



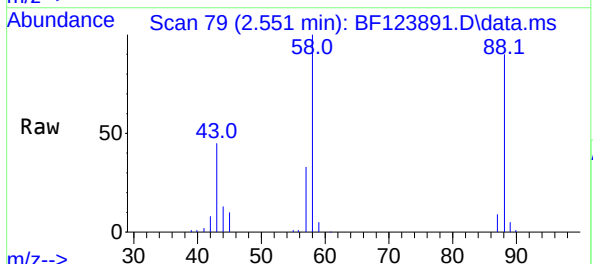
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



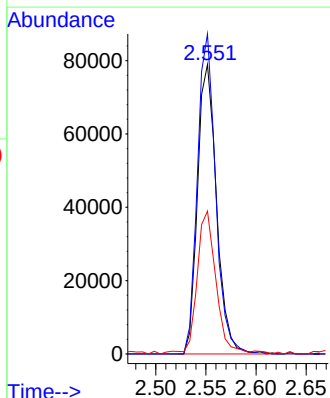
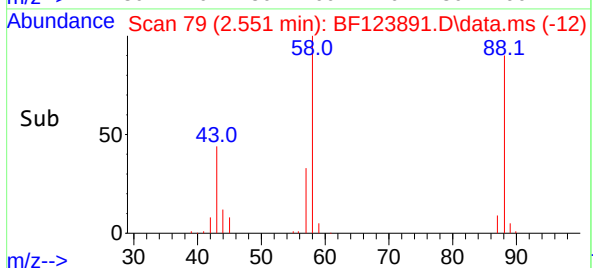
Tgt Ion:152 Resp: 104682
Ion Ratio Lower Upper
152 100
150 157.6 127.0 190.6
115 66.9 54.3 81.5



#2
1,4-Dioxane
Concen: 31.94 ng
RT: 2.551 min Scan# 79
Delta R.T. 0.094 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



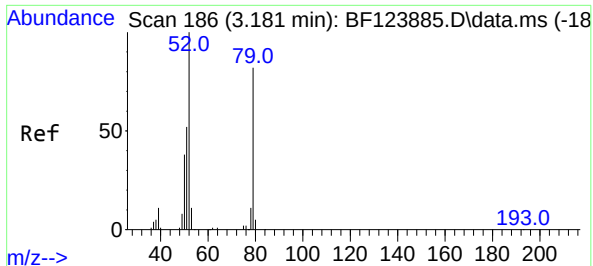
Tgt Ion: 88 Resp: 104421
Ion Ratio Lower Upper
88 100
58 106.0 83.8 125.8
43 49.7 32.2 48.4#



Instrument :
BNA_F
ClientSampled :
PB136256BS

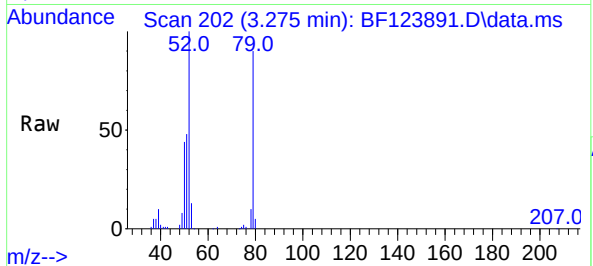
Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM



#3
Pyridine
Concen: 30.83 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.094 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

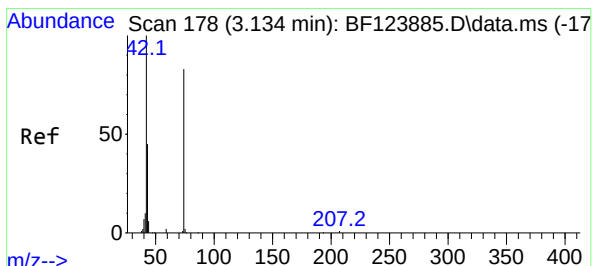
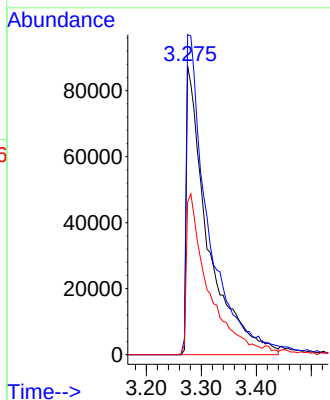
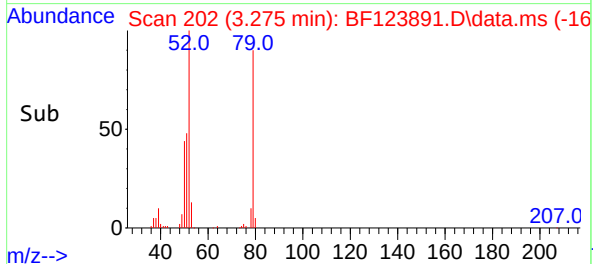
Instrument :
BNA_F
ClientSampleId :
PB136256BS



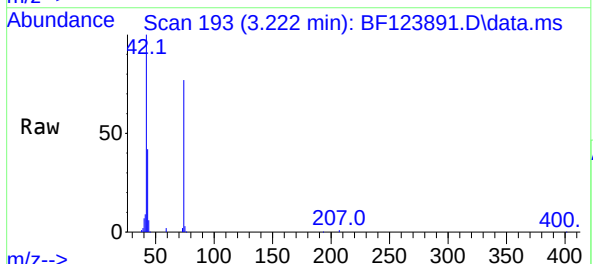
Tgt Ion: 79 Resp: 236290
Ion Ratio Lower Upper
79 100
52 110.9 87.4 131.0
51 52.8 41.4 62.0

Manual Integrations
APPROVED

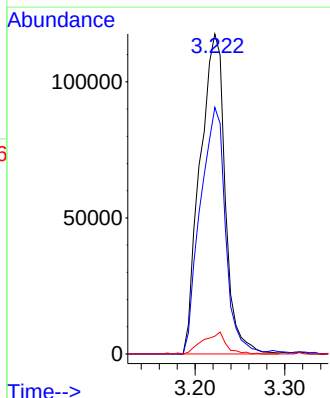
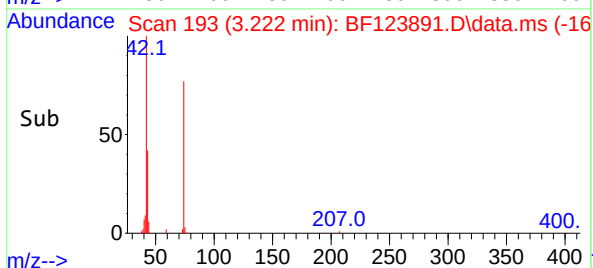
mohammad
5/11/2021 4:16:10 PM

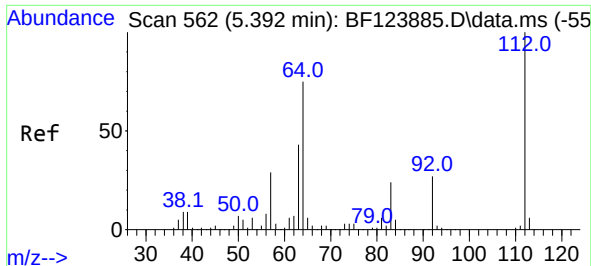


#4
n-Nitrosodimethylamine
Concen: 38.09 ng
RT: 3.222 min Scan# 193
Delta R.T. 0.088 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



Tgt Ion: 42 Resp: 228396
Ion Ratio Lower Upper
42 100
74 77.0 83.5 125.3#
44 5.6 5.7 8.5#





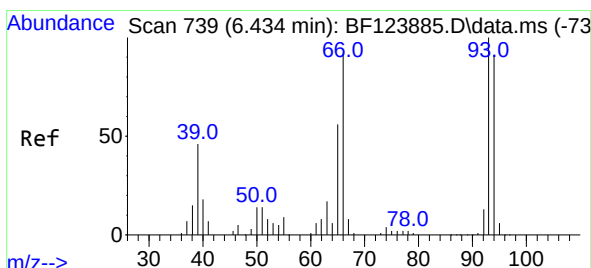
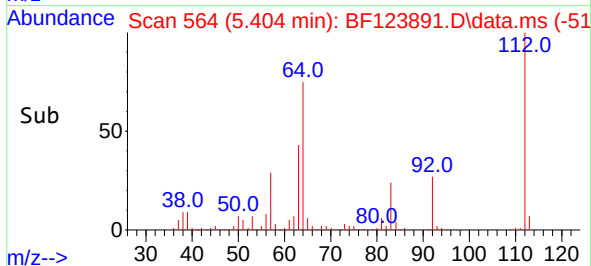
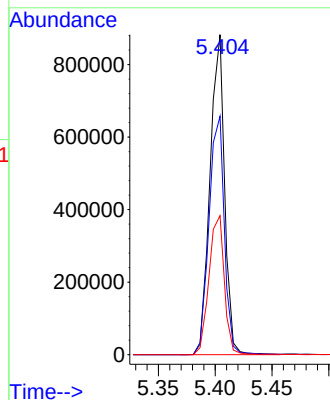
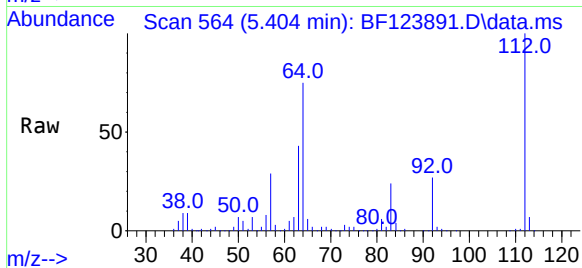
#5
2-Fluorophenol
Concen: 109.66 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 112 Resp: 786023
Ion Ratio Lower Upper
112 100
64 74.5 61.4 92.0
63 43.4 33.0 49.4

Instrument :
BNA_F
ClientSampleId :
PB136256BS

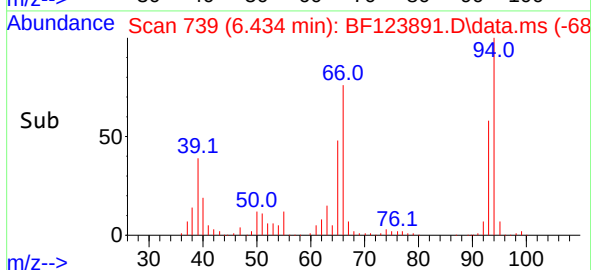
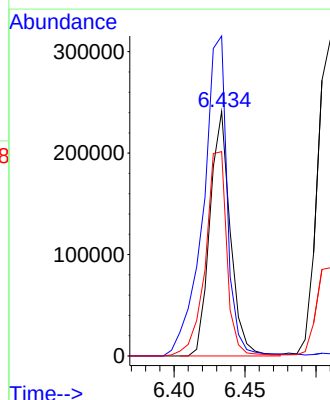
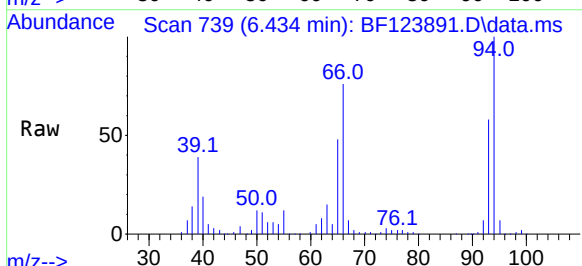
Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM

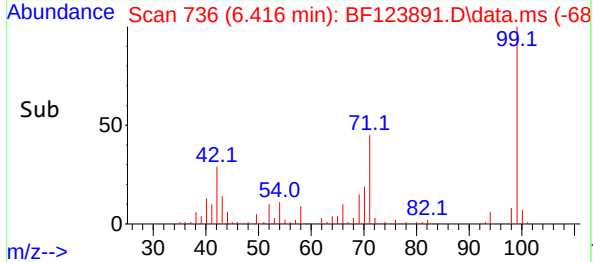
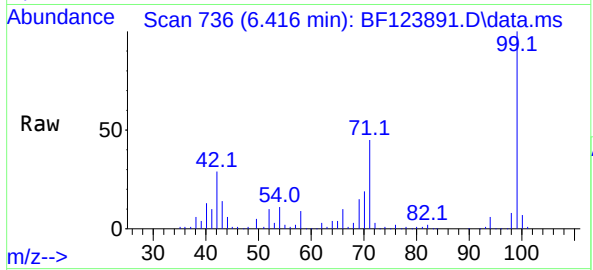
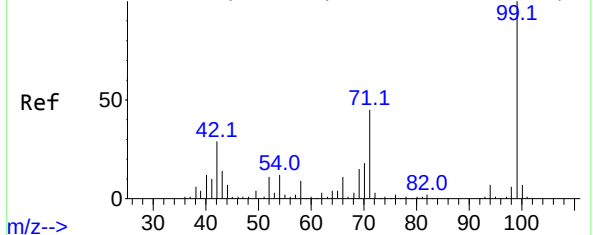


#6
Aniline
Concen: 23.18 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 93 Resp: 241400
Ion Ratio Lower Upper
93 100
66 130.9 36.4 54.6#
65 83.6 19.4 29.0#



Abundance Scan 736 (6.416 min): BF123885.D\data.ms (-73



#7

Phenol-d6

Concen: 106.67 ng

RT: 6.416 min Scan# 736

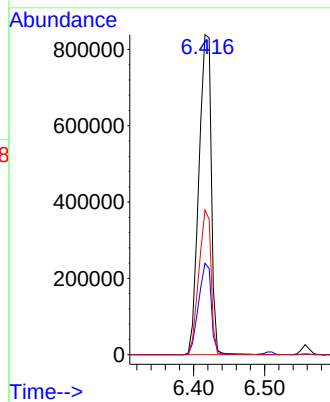
Delta R.T. 0.000 min

Lab File: BF123891.D

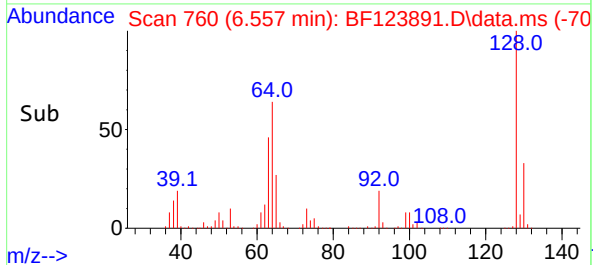
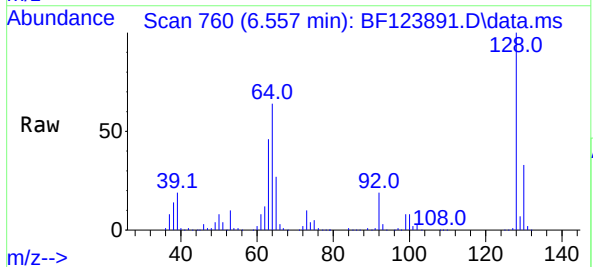
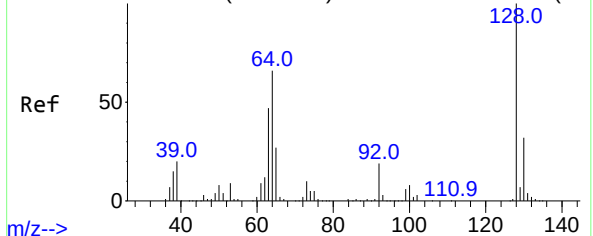
Acq: 10 May 2021 18:58

Tgt Ion: 99 Resp: 1020526

Ion	Ratio	Lower	Upper
99	100		
42	28.5	19.8	29.8
71	45.2	31.1	46.7



Abundance Scan 760 (6.557 min): BF123885.D\data.ms (-75



#8

2-Chlorophenol

Concen: 38.91 ng

RT: 6.557 min Scan# 760

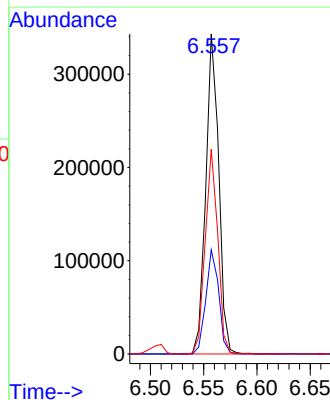
Delta R.T. 0.000 min

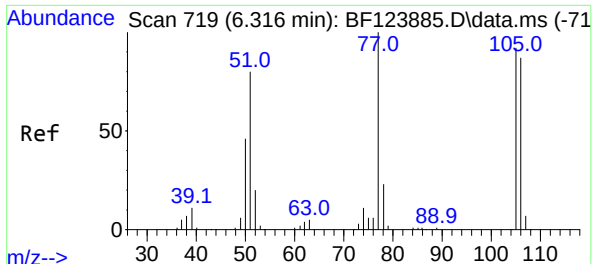
Lab File: BF123891.D

Acq: 10 May 2021 18:58

Tgt Ion: 128 Resp: 291138

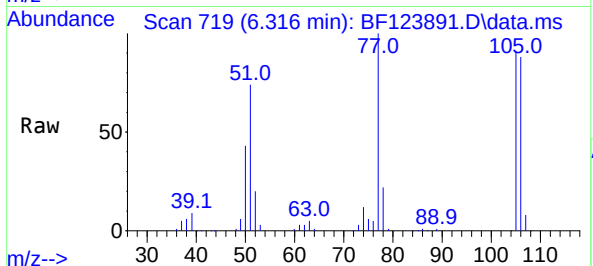
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	63.9	41.5	81.5





#9
Benzaldehyde
Concen: 57.75 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

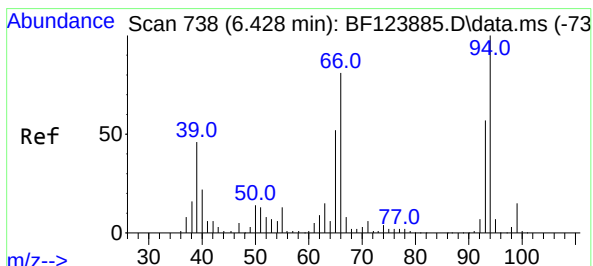
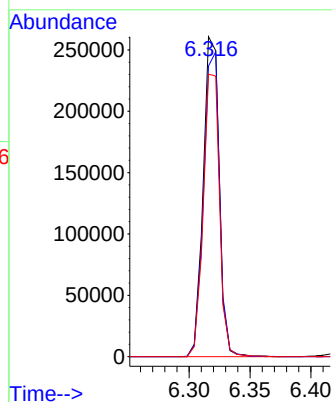
Instrument :
BNA_F
ClientSampleId :
PB136256BS



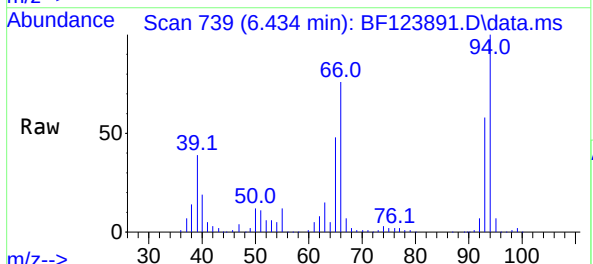
Tgt Ion: 77 Resp: 238070
Ion Ratio Lower Upper
77 100
105 90.8 75.2 115.2
106 88.3 71.6 111.6

Manual Integrations
APPROVED

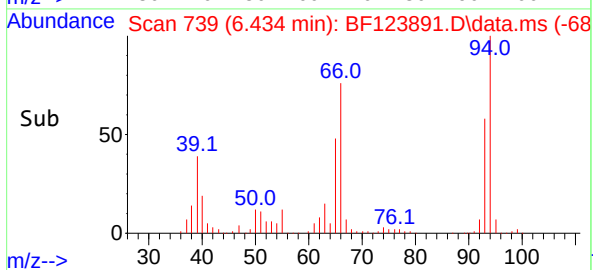
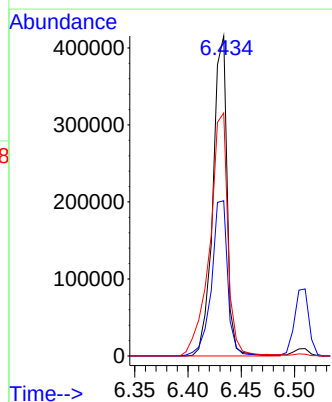
mohammad
5/11/2021 4:16:10 PM

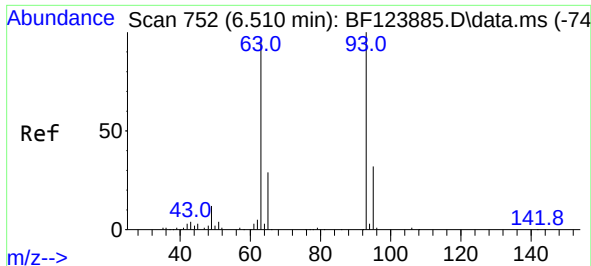


#10
Phenol
Concen: 37.83 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



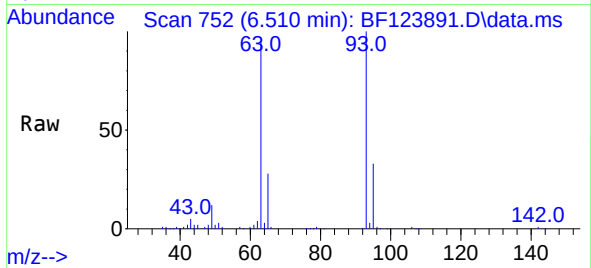
Tgt Ion: 94 Resp: 384059
Ion Ratio Lower Upper
94 100
65 48.5 18.1 58.1
66 75.9 29.0 69.0#





#11
bis(2-Chloroethyl)ether
Concen: 41.24 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

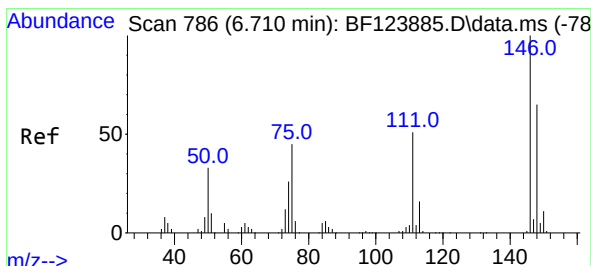
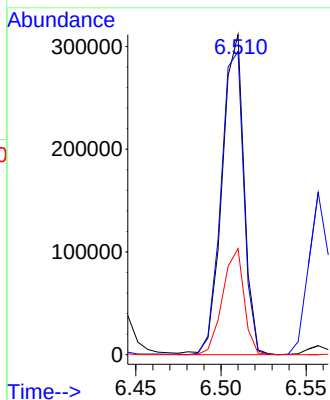
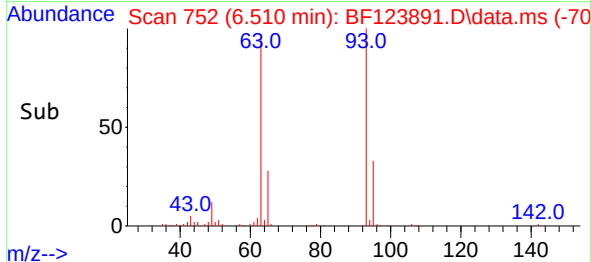
Instrument :
BNA_F
ClientSampleId :
PB136256BS



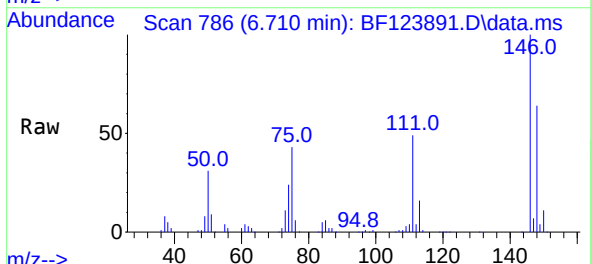
Tgt Ion: 93 Resp: 278932
Ion Ratio Lower Upper
93 100
63 94.8 76.1 116.1
95 33.1 11.5 51.5

Manual Integrations
APPROVED

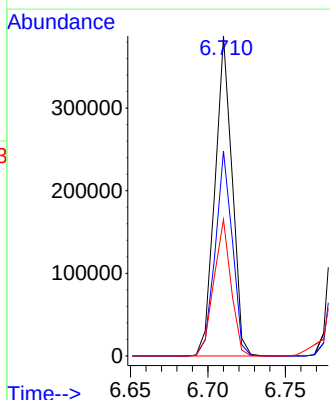
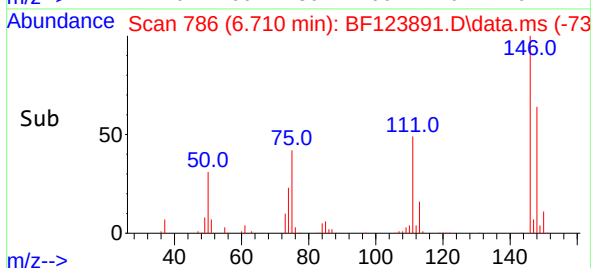
mohammad
5/11/2021 4:16:10 PM

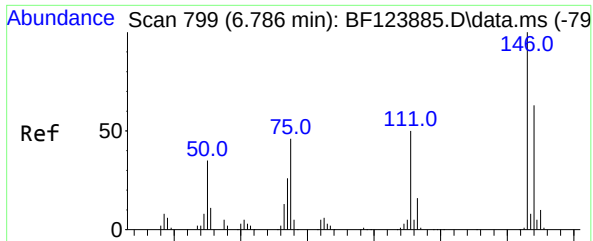


#12
1,3-Dichlorobenzene
Concen: 38.55 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

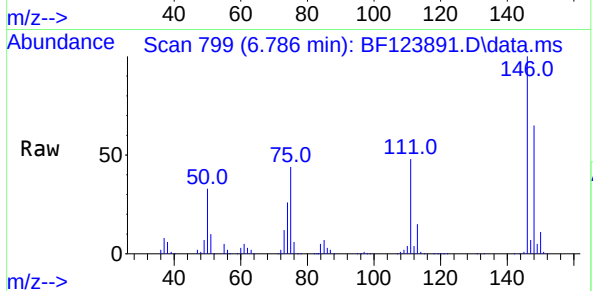


Tgt Ion: 146 Resp: 298651
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 42.6 34.2 51.4

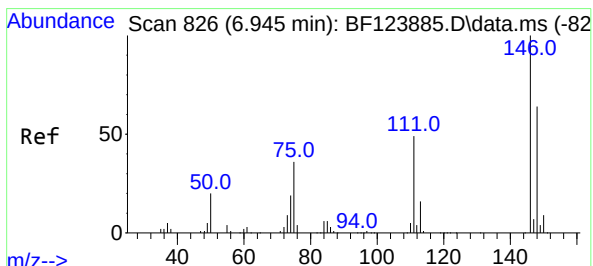
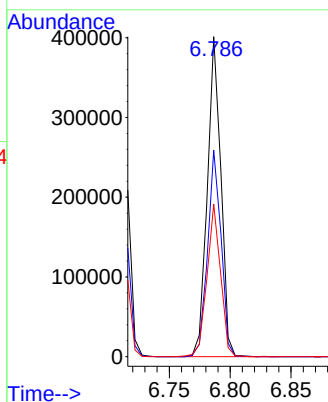
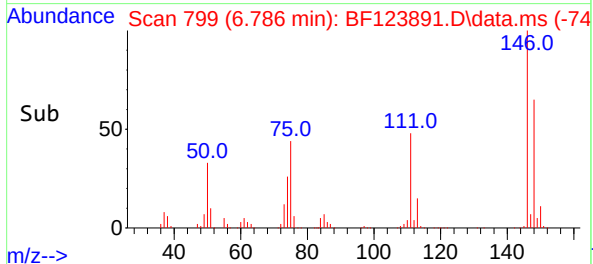




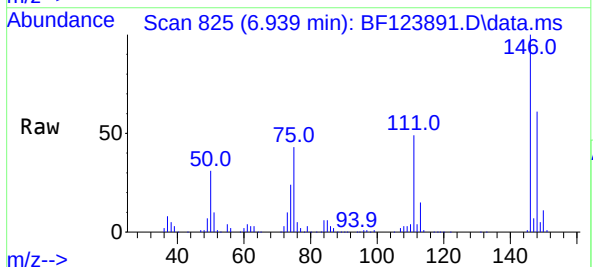
#13
1,4-Dichlorobenzene
Concen: 39.83 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



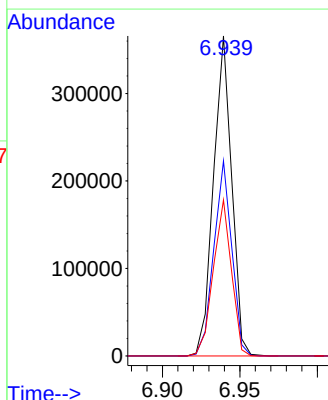
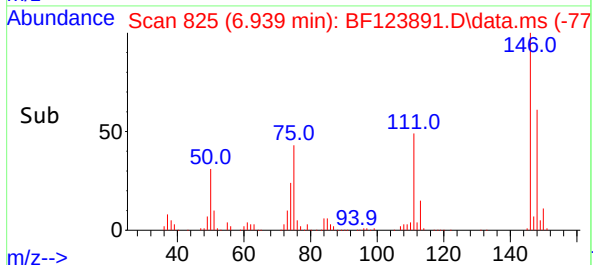
Tgt Ion:146 Resp: 308804
Ion Ratio Lower Upper
146 100
148 64.5 49.9 74.9
111 47.7 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 39.97 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



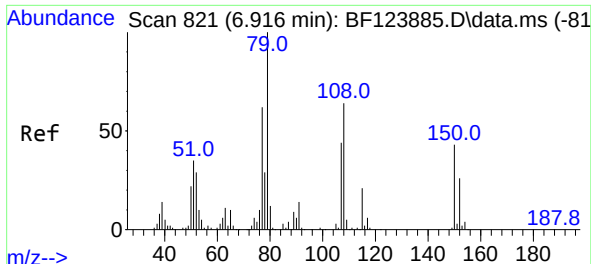
Tgt Ion:146 Resp: 298809
Ion Ratio Lower Upper
146 100
148 60.9 51.6 77.4
111 48.7 38.4 57.6



Instrument :
BNA_F
ClientSampled :
PB136256BS

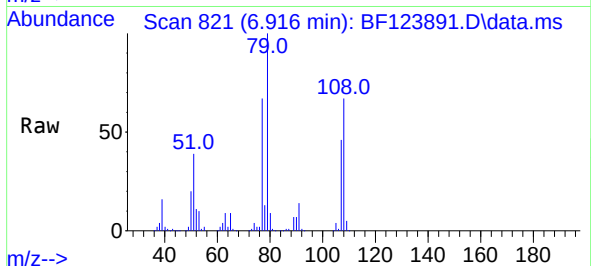
Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM



#15
Benzyl Alcohol
Concen: 38.12 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

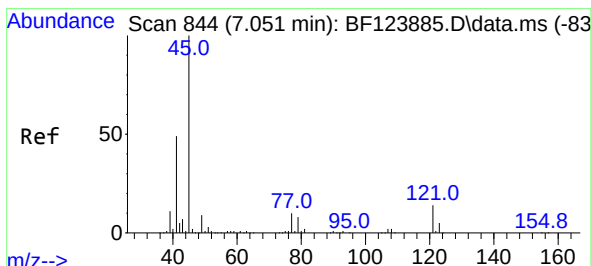
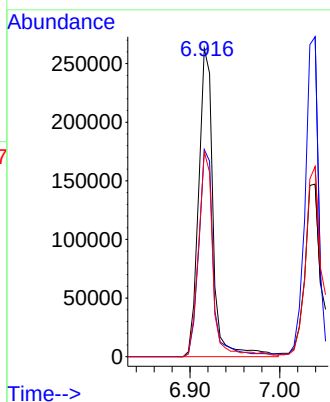
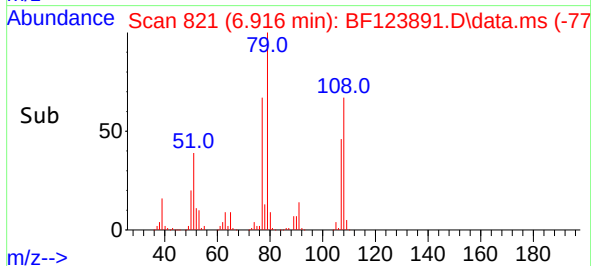
Instrument :
BNA_F
ClientSampleId :
PB136256BS



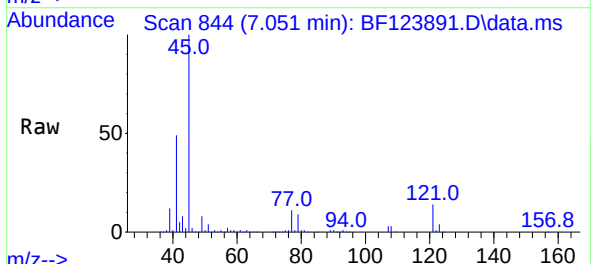
Tgt Ion: 79 Resp: 295013
Ion Ratio Lower Upper
79 100
108 67.2 55.8 83.8
77 66.5 49.9 74.9

Manual Integrations
APPROVED

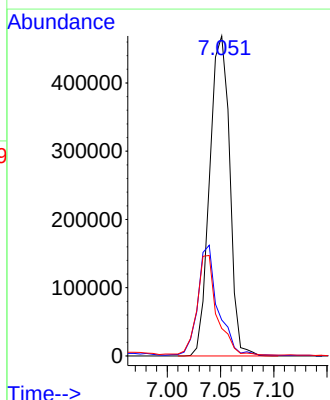
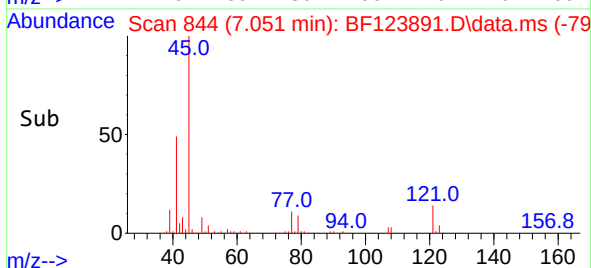
mohammad
5/11/2021 4:16:10 PM

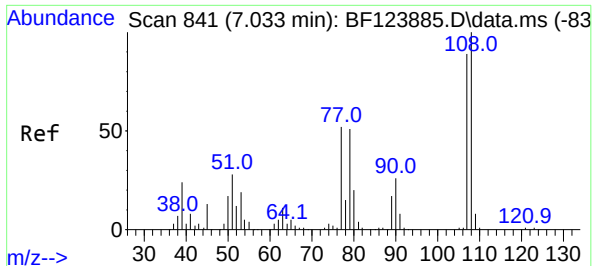


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.96 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



Tgt Ion: 45 Resp: 612723
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.0
79 8.6 0.0 27.3





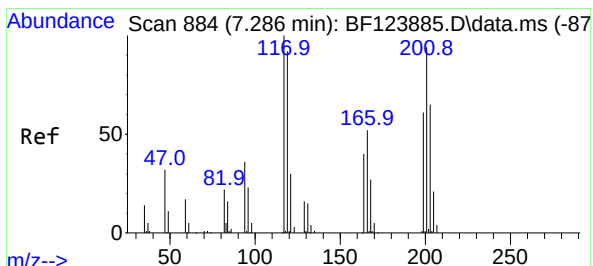
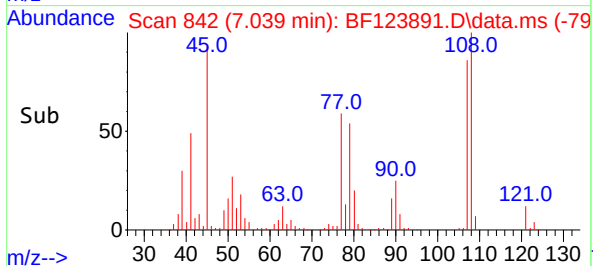
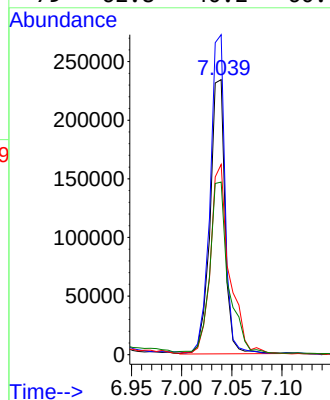
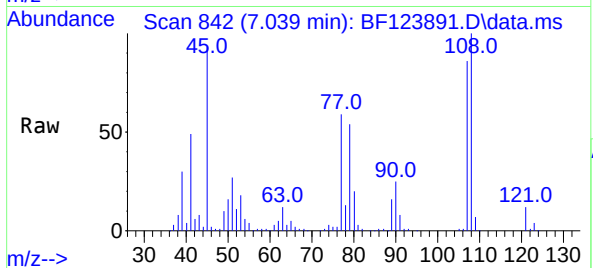
#17
2-Methylphenol
Concen: 38.96 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	107	Resp:	243943
Ion	Ratio	Lower	Upper
107	100		
108	116.4	89.8	134.8
77	69.2	40.9	61.3#
79	62.8	40.2	60.4#

Instrument :
BNA_F
ClientSampleId :
PB136256BS

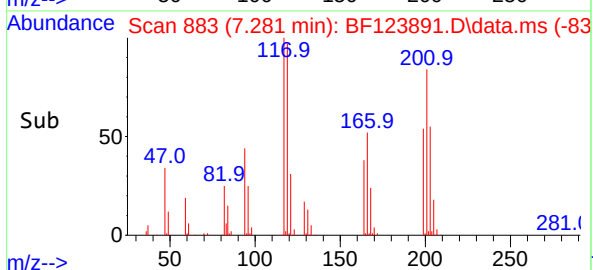
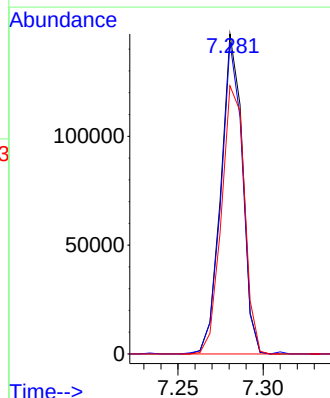
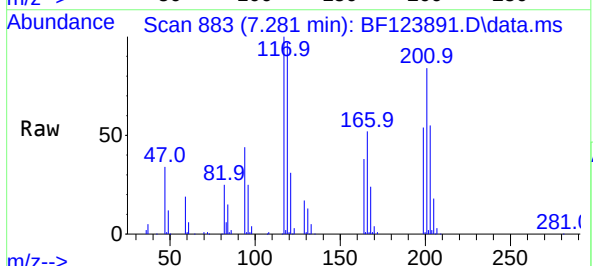
Manual Integrations
APPROVED

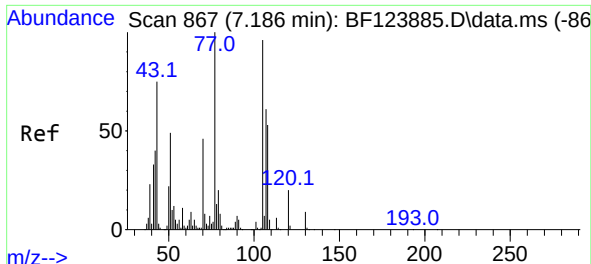
mohammad
5/11/2021 4:16:10 PM



#18
Hexachloroethane
Concen: 40.72 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	117	Resp:	129605
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.8	116.8
201	83.8	67.8	101.8





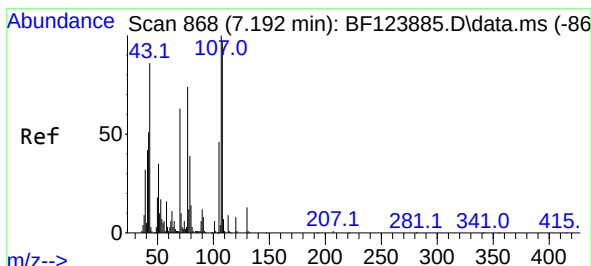
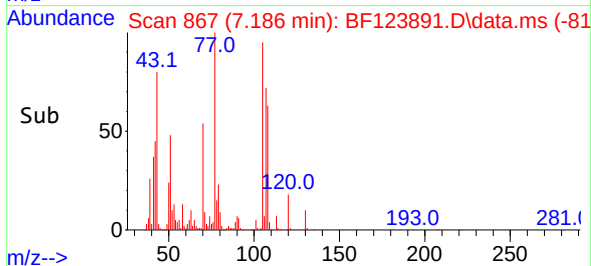
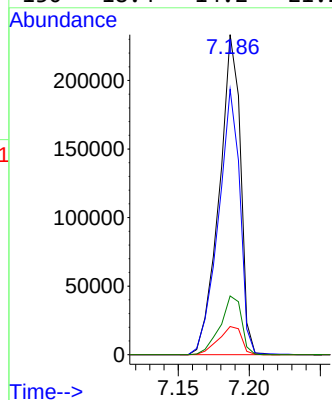
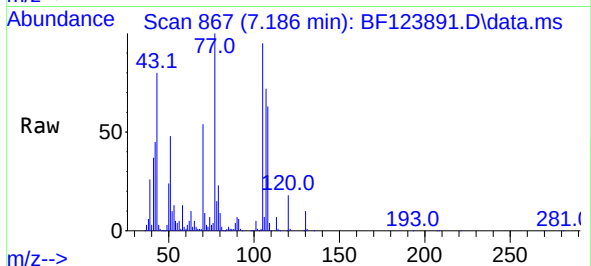
#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	70	Resp:	242389
Ion	Ratio	Lower	Upper
70	100		
42	83.0	60.1	90.1
101	8.8	7.4	11.2
130	18.4	14.2	21.2

Instrument :
BNA_F
ClientSampleId :
PB136256BS

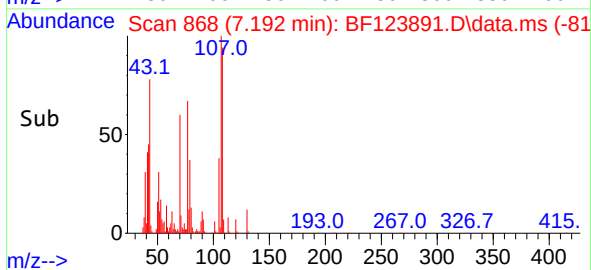
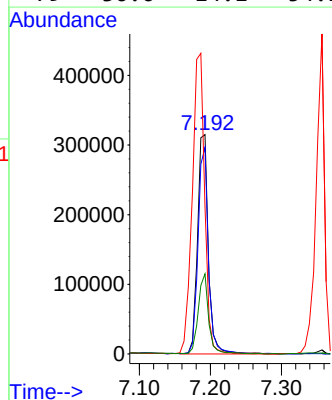
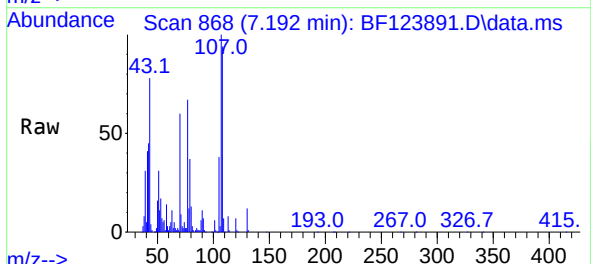
Manual Integrations
APPROVED

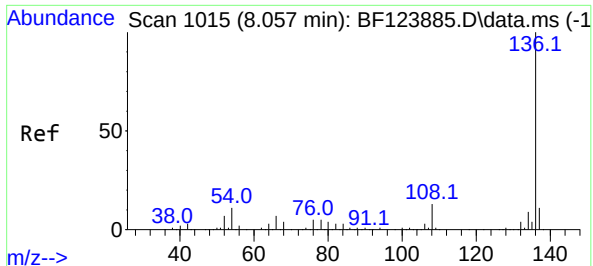
mohammad
5/11/2021 4:16:10 PM



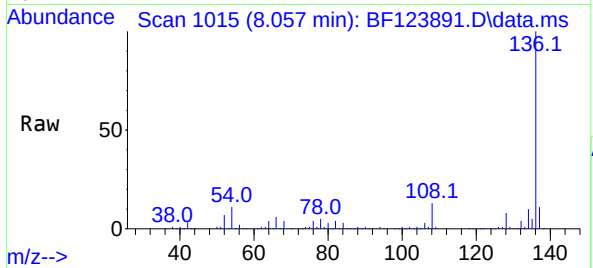
#20
3+4-Methylphenols
Concen: 40.72 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	107	Resp:	334545
Ion	Ratio	Lower	Upper
107	100		
108	94.1	71.5	111.5
77	67.1	82.0	122.0#
79	36.6	14.1	54.1

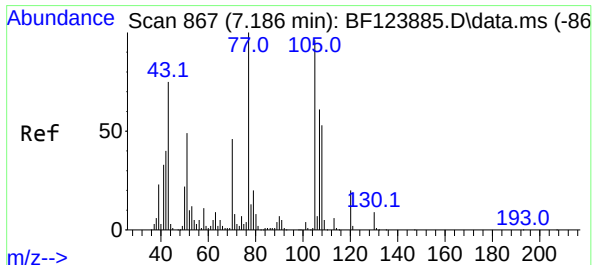
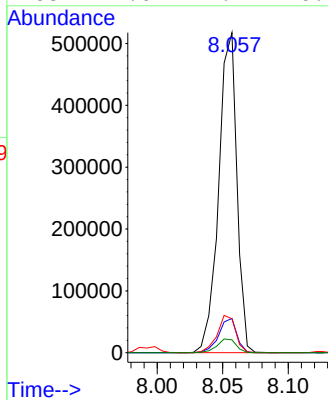
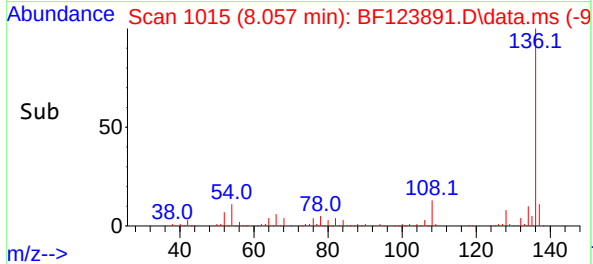




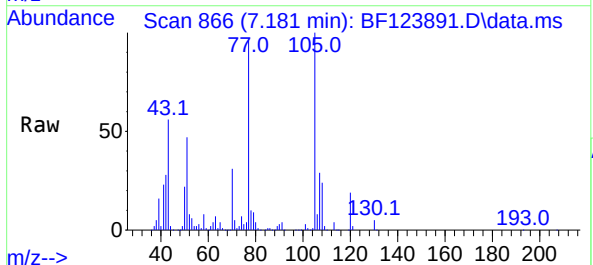
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



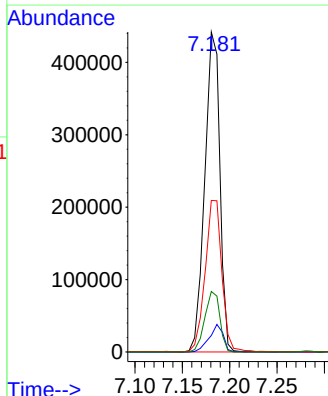
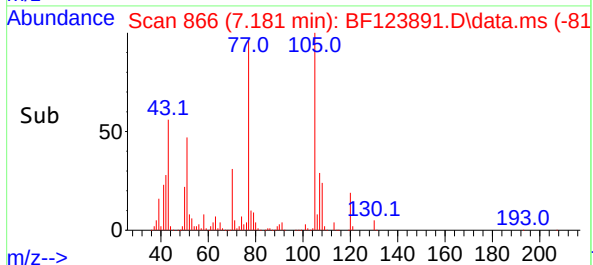
Tgt Ion:136 Resp: 498117
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.6 9.8 14.6
68 4.0 4.1 6.1#



#22
Acetophenone
Concen: 33.24 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



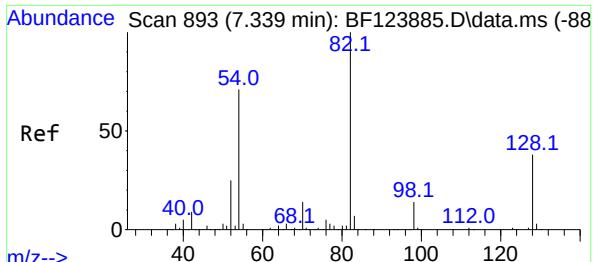
Tgt Ion:105 Resp: 489566
Ion Ratio Lower Upper
105 100
71 5.1 4.2 6.4
51 47.4 33.6 50.4
120 18.9 16.3 24.5



Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM



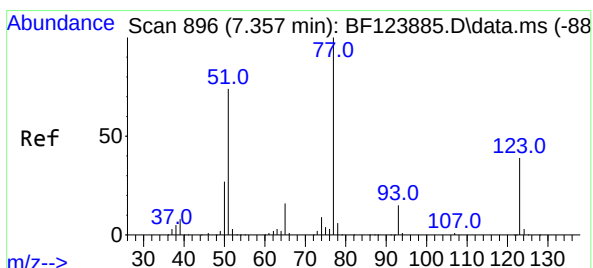
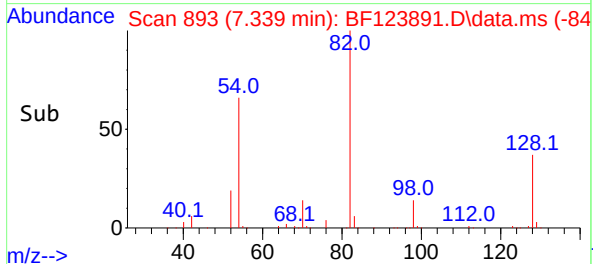
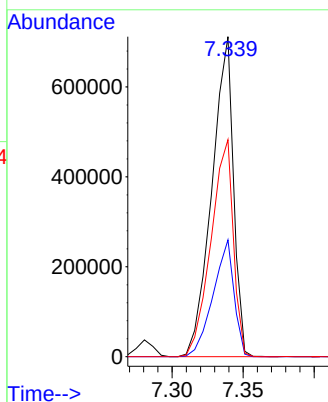
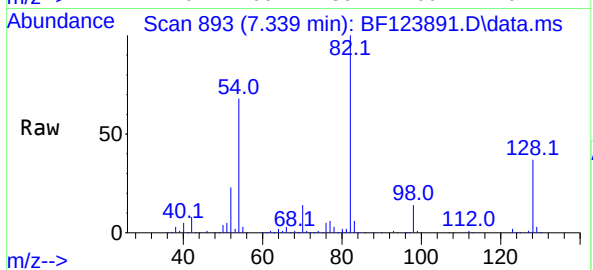
#23
Nitrobenzene-d5
Concen: 62.82 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 82 Resp: 753863
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 67.8 54.1 81.1

Instrument :
BNA_F
ClientSampled :
PB136256BS

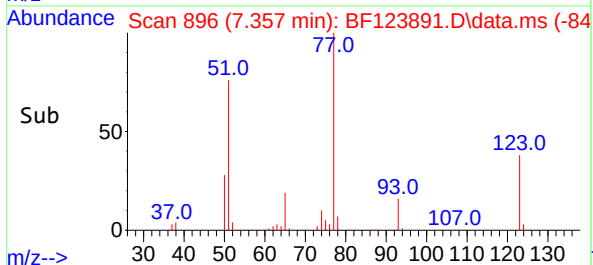
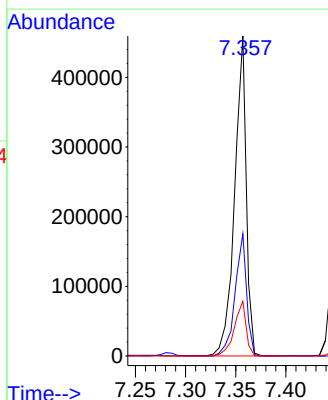
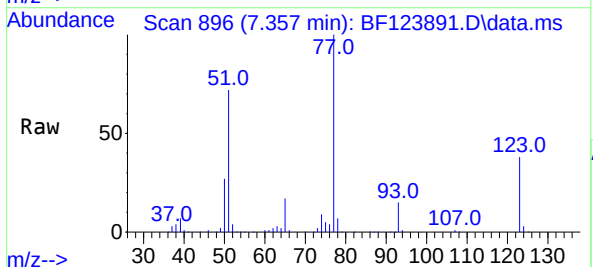
Manual Integrations
APPROVED

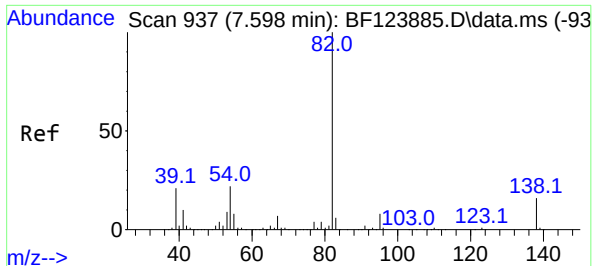
mohammad
5/11/2021 4:16:10 PM



#24
Nitrobenzene
Concen: 30.42 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 77 Resp: 372913
Ion Ratio Lower Upper
77 100
123 38.2 34.5 51.7
65 17.1 12.2 18.2





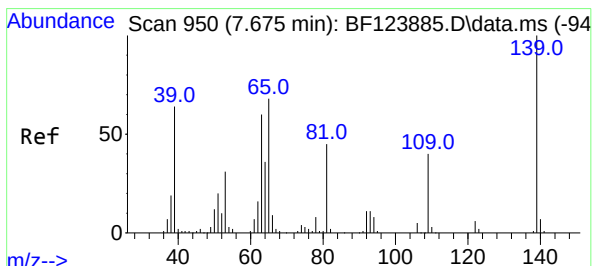
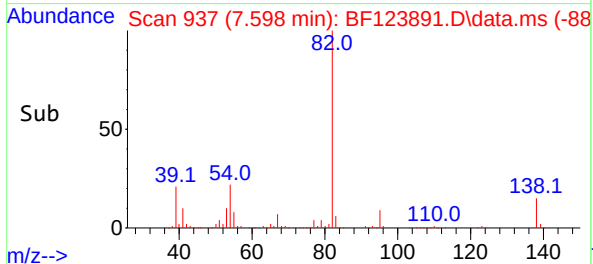
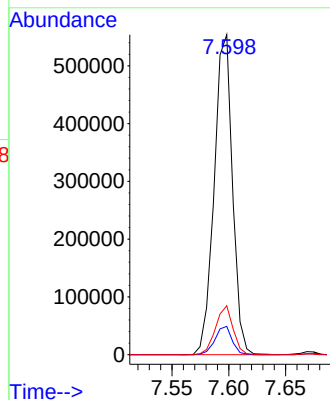
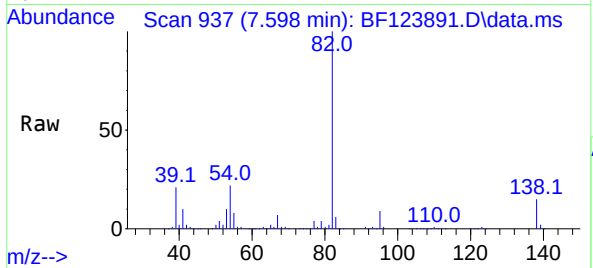
#25
Isophorone
Concen: 30.05 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 82 Resp: 620640
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.6#
138 15.3 11.8 17.8

Instrument :
BNA_F
ClientSampled :
PB136256BS

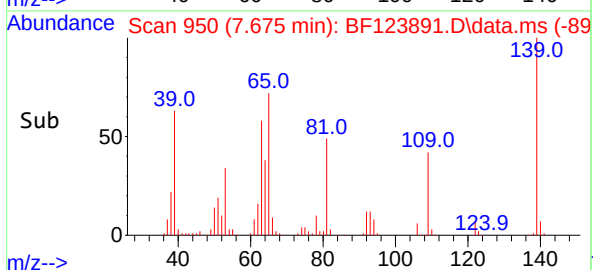
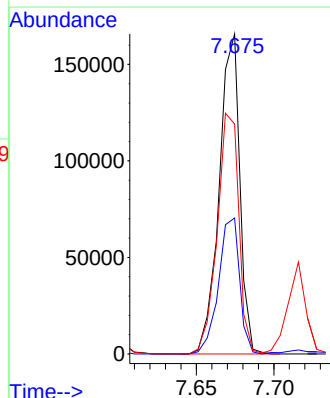
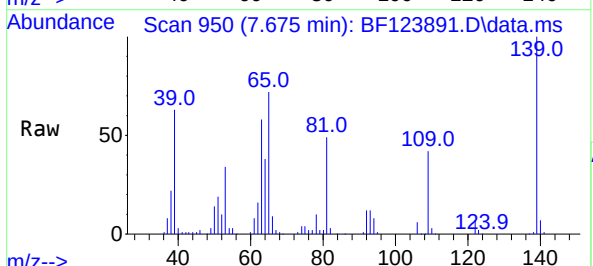
Manual Integrations
APPROVED

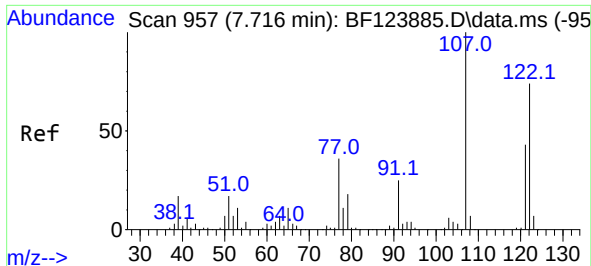
mohammad
5/11/2021 4:16:10 PM



#26
2-Nitrophenol
Concen: 31.33 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 139 Resp: 153468
Ion Ratio Lower Upper
139 100
109 42.5 28.6 43.0
65 71.9 56.8 85.2





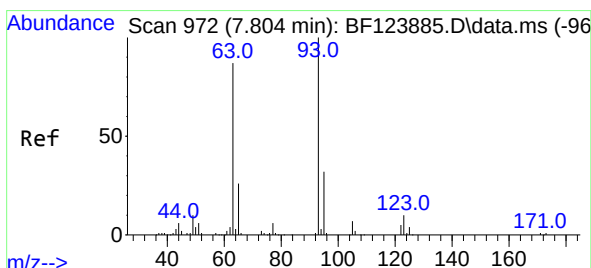
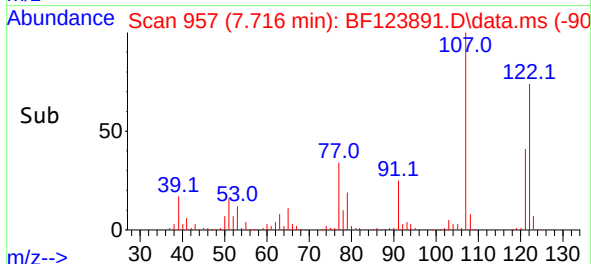
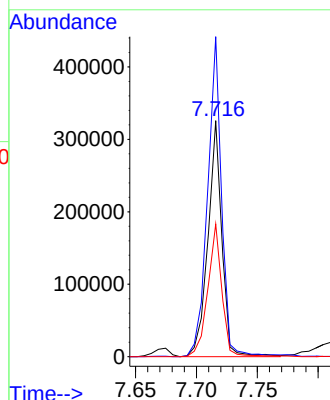
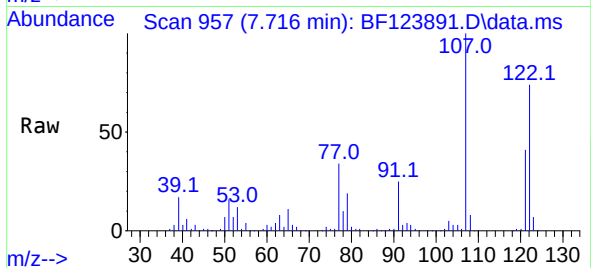
#27
2,4-Dimethylphenol
Concen: 34.53 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 122 Resp: 260063
Ion Ratio Lower Upper
122 100
107 135.6 106.3 159.5
121 56.2 45.4 68.0

Instrument :
BNA_F
ClientSampleId :
PB136256BS

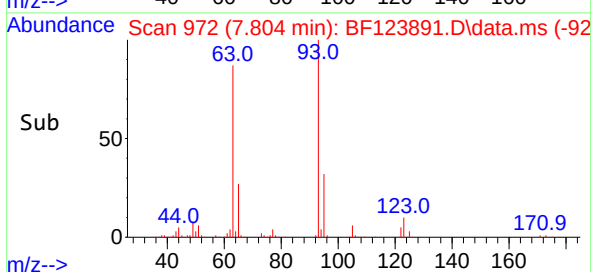
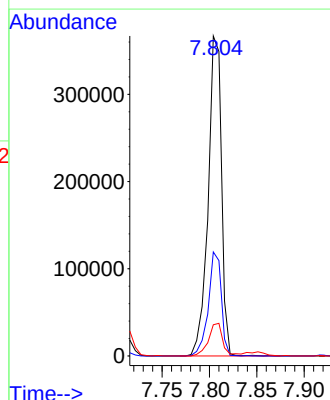
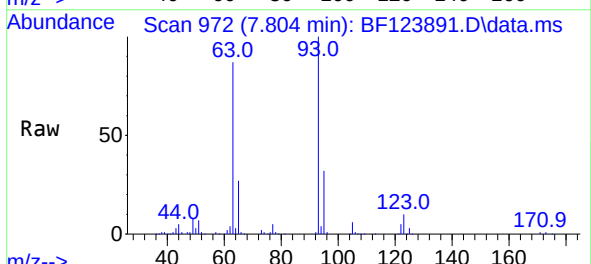
Manual Integrations
APPROVED

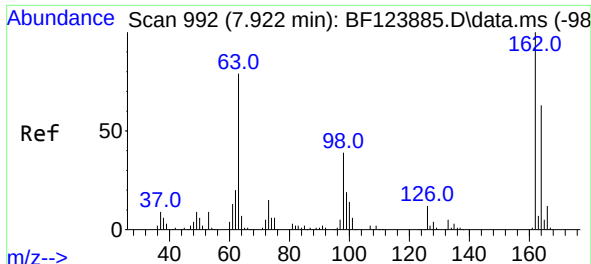
mohammad
5/11/2021 4:16:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.96 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

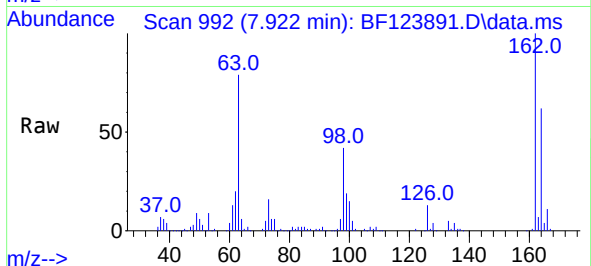
Tgt Ion: 93 Resp: 358777
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 9.7 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 32.54 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

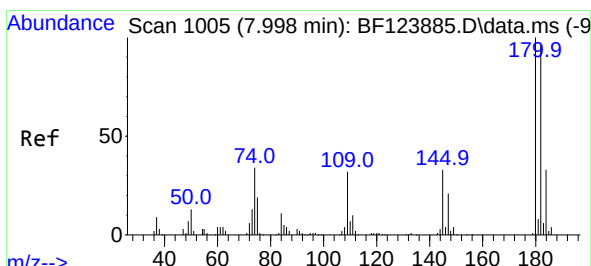
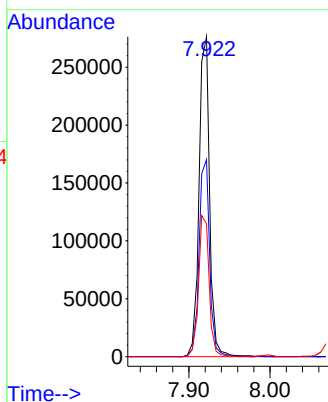
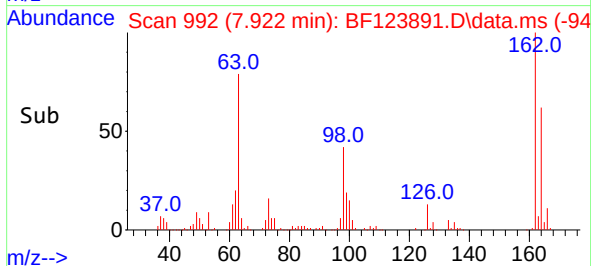
Instrument :
BNA_F
ClientSampleId :
PB136256BS



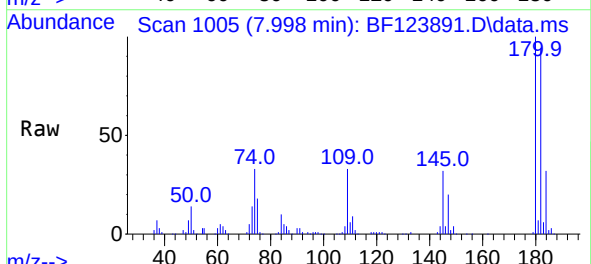
Tgt Ion:162 Resp: 249755
Ion Ratio Lower Upper
162 100
164 61.6 44.1 84.1
98 41.6 27.3 67.3

Manual Integrations
APPROVED

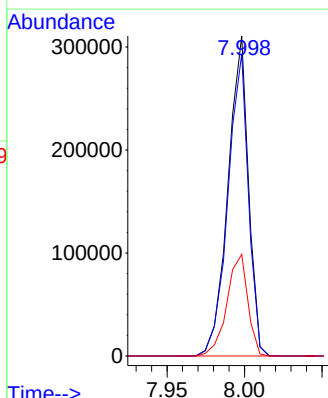
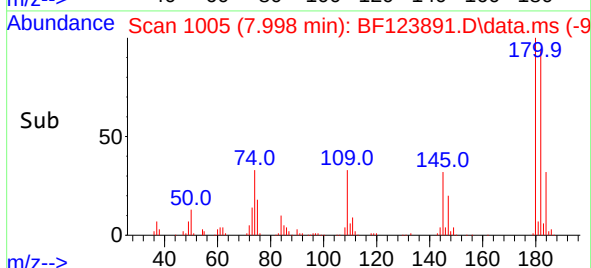
mohammad
5/11/2021 4:16:10 PM

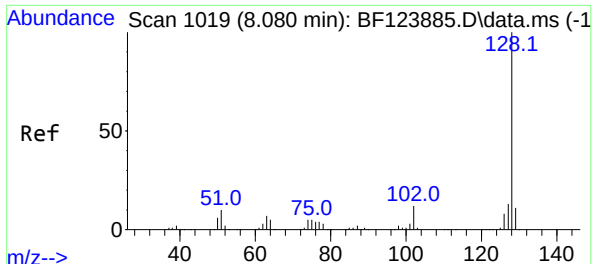


#30
1,2,4-Trichlorobenzene
Concen: 34.65 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



Tgt Ion:180 Resp: 284838
Ion Ratio Lower Upper
180 100
182 94.4 77.2 115.8
145 31.8 26.0 39.0





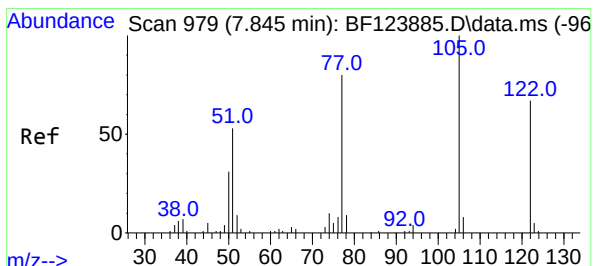
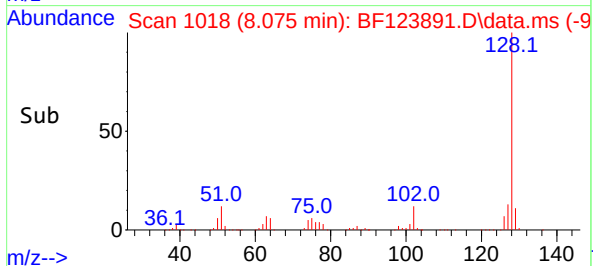
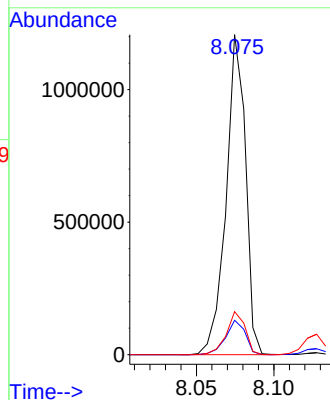
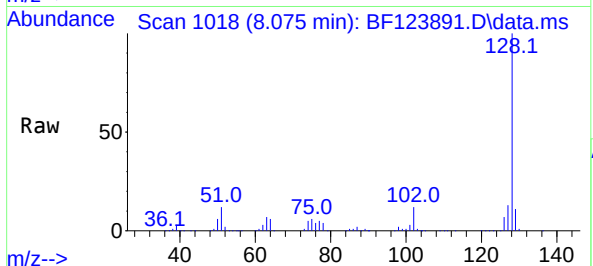
#31
Naphthalene
Concen: 38.17 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:128 Resp: 1051954
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.4 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
PB136256BS

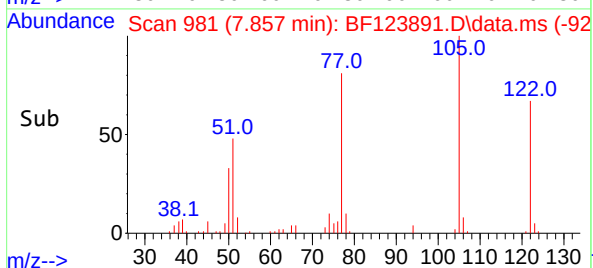
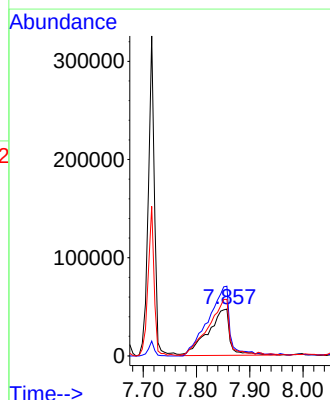
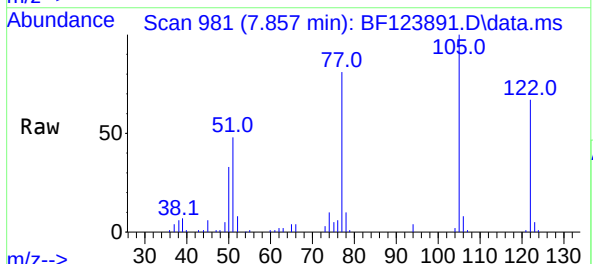
Manual Integrations
APPROVED

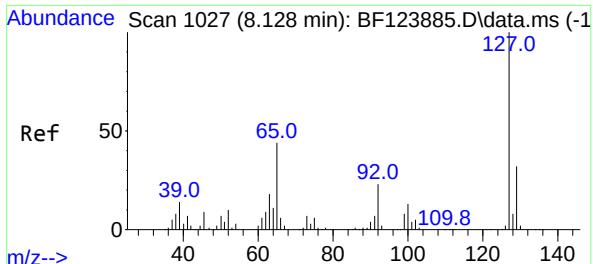
mohammad
5/11/2021 4:16:10 PM



#32
Benzoic acid
Concen: 32.35 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:122 Resp: 136537
Ion Ratio Lower Upper
122 100
105 148.7 107.8 147.8#
77 120.8 81.6 121.6





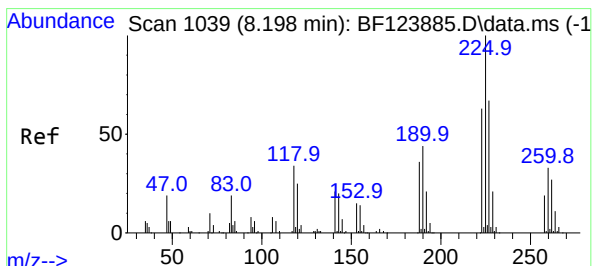
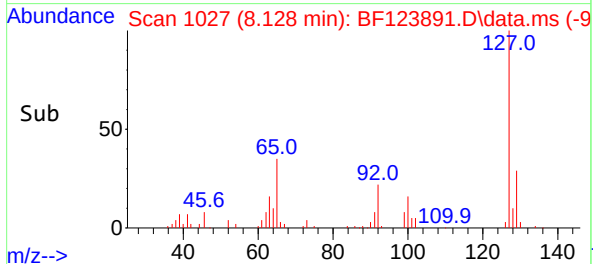
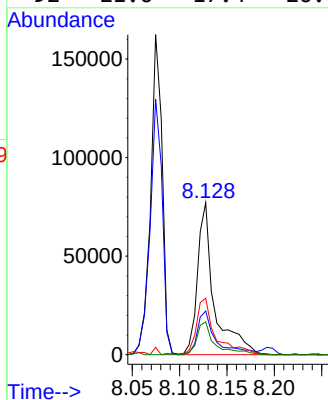
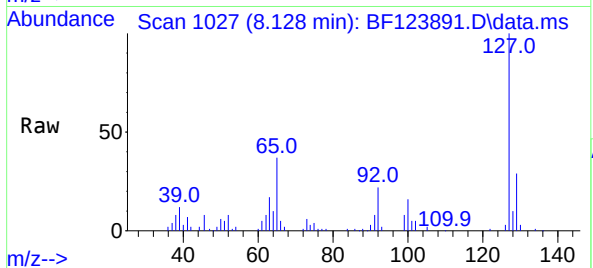
#33
4-Chloroaniline
Concen: 8.67 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	127	Resp:	96193
Ion	Ratio	Lower	Upper
127	100		
129	28.7	25.7	38.5
65	37.2	34.5	51.7
92	21.6	17.4	26.0

Instrument :
BNA_F
ClientSampleId :
PB136256BS

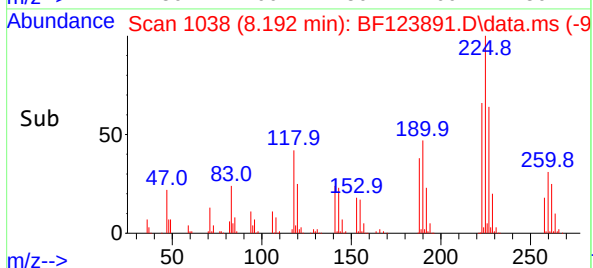
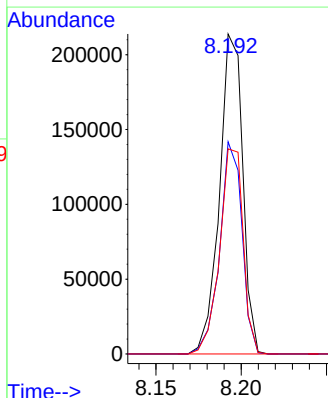
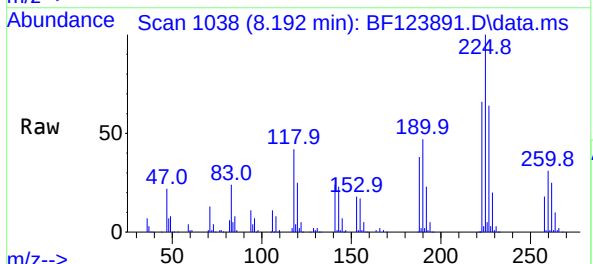
Manual Integrations
APPROVED

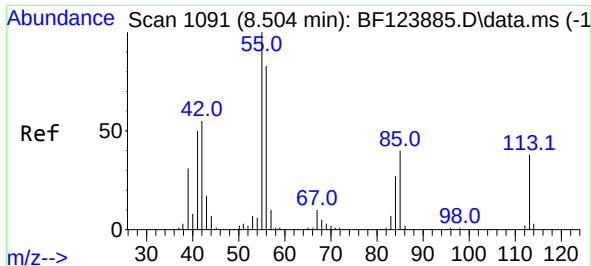
mohammad
5/11/2021 4:16:10 PM



#34
Hexachlorobutadiene
Concen: 36.73 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	225	Resp:	202751
Ion	Ratio	Lower	Upper
225	100		
223	66.3	50.4	75.6
227	64.1	51.4	77.0





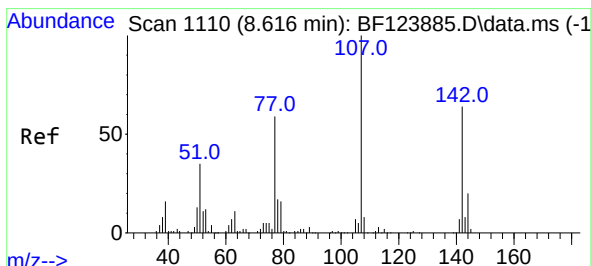
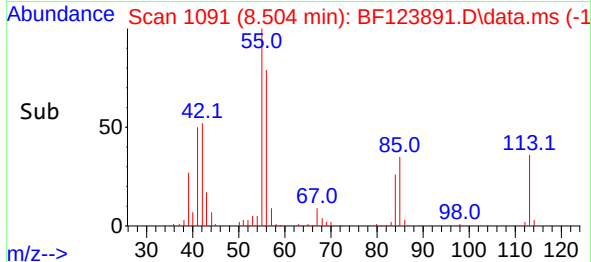
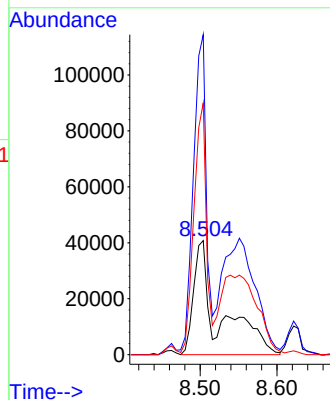
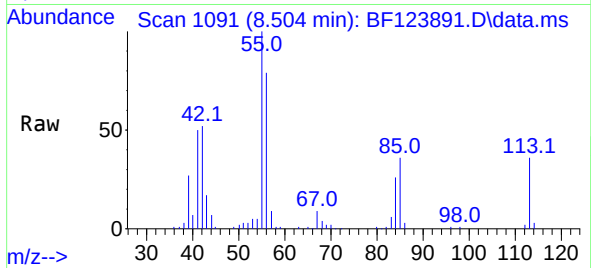
#35
Caprolactam
Concen: 37.97 ng m
RT: 8.504 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:113 Resp: 94530
Ion Ratio Lower Upper
113 100
55 280.5 254.9 294.9
56 220.7 179.4 219.4#

Instrument :
BNA_F
ClientSampled :
PB136256BS

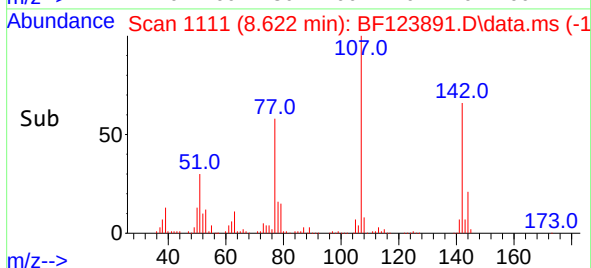
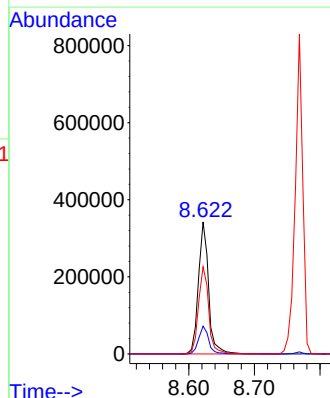
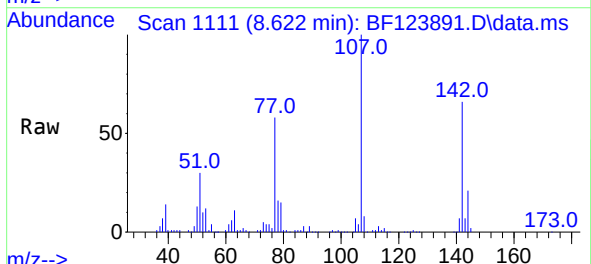
Manual Integrations
APPROVED

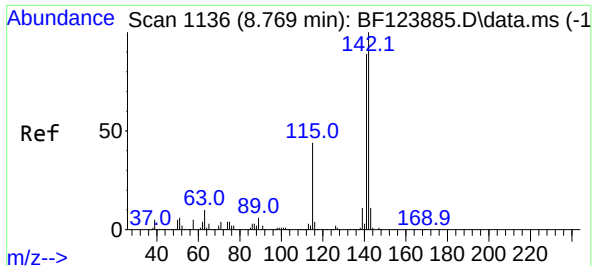
mohammad
5/11/2021 4:16:10 PM



#36
4-Chloro-3-methylphenol
Concen: 37.73 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:107 Resp: 371082
Ion Ratio Lower Upper
107 100
144 21.1 16.3 24.5
142 66.1 50.1 75.1





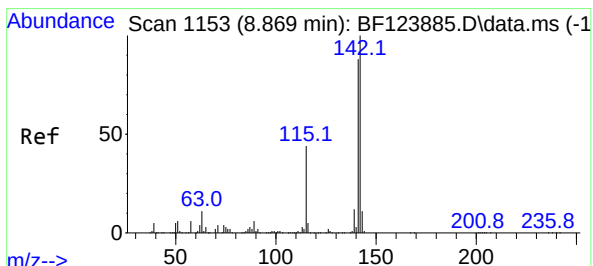
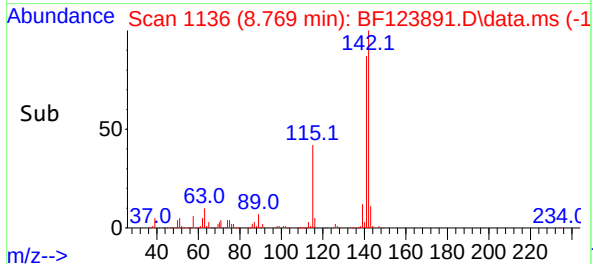
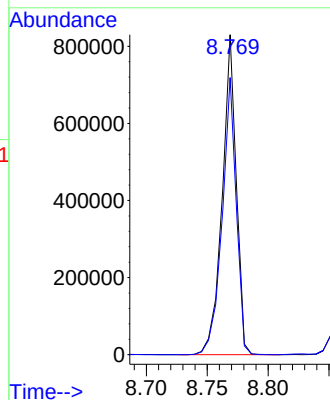
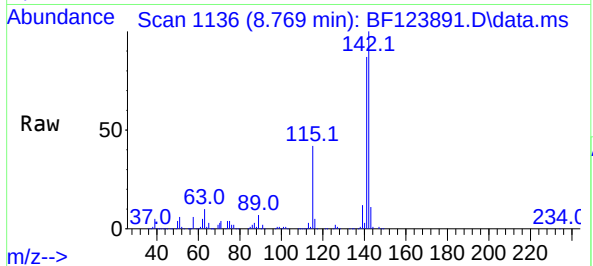
#37
2-Methylnaphthalene
Concen: 37.37 ng
RT: 8.769 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:142 Resp: 667395
Ion Ratio Lower Upper
142 100
141 86.6 71.8 107.6

Instrument :
BNA_F
ClientSampleId :
PB136256BS

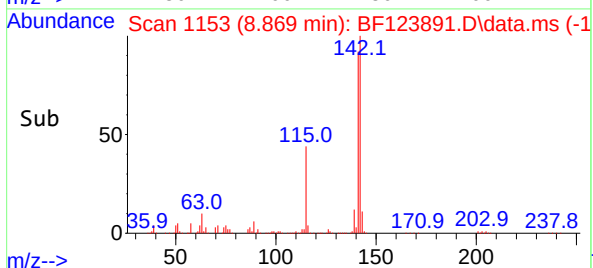
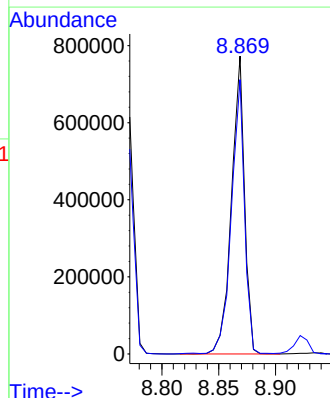
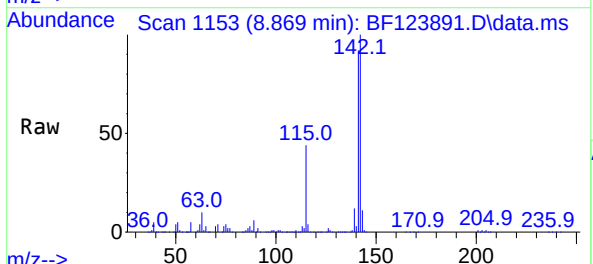
Manual Integrations
APPROVED

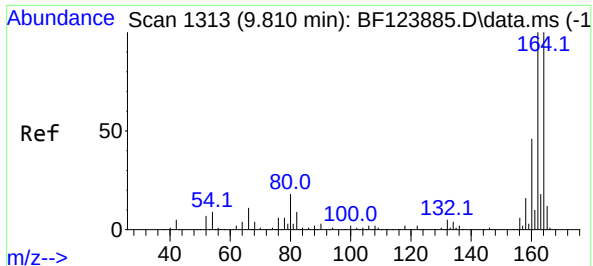
mohammad
5/11/2021 4:16:10 PM



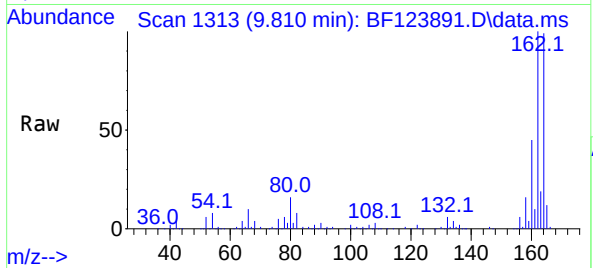
#38
1-Methylnaphthalene
Concen: 35.85 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:142 Resp: 617390
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2

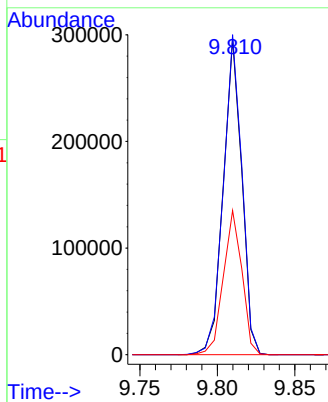
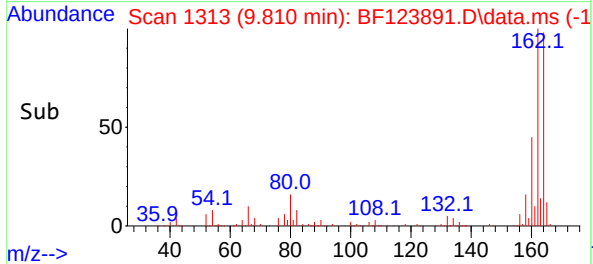




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



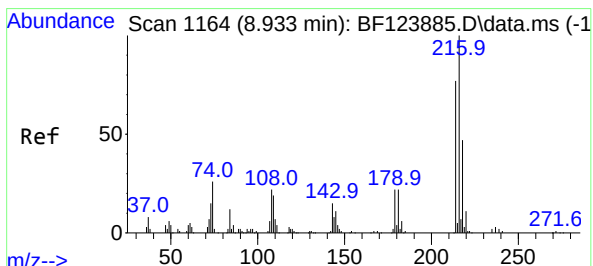
Tgt Ion:164 Resp: 246012
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 45.6 37.3 55.9



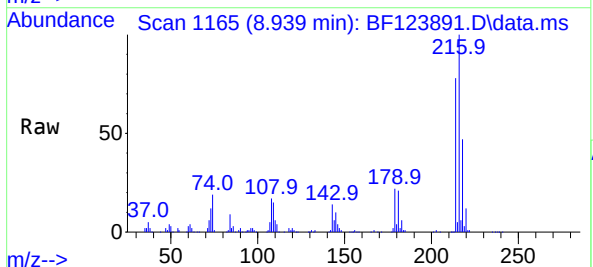
Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

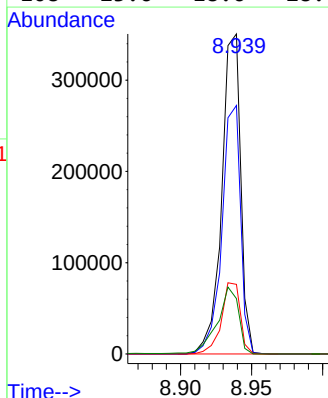
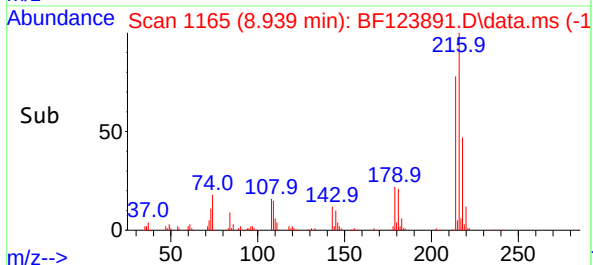
mohammad
5/11/2021 4:16:10 PM

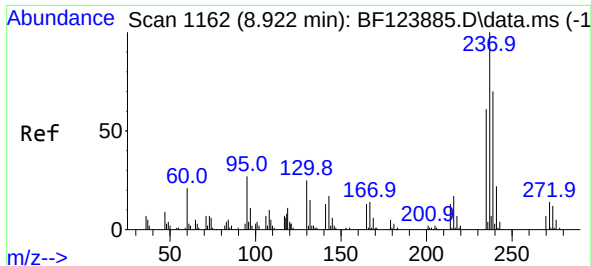


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.46 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



Tgt Ion:216 Resp: 324549
Ion Ratio Lower Upper
216 100
214 76.7 63.8 95.8
179 22.2 17.9 26.9
108 23.6 18.6 28.0





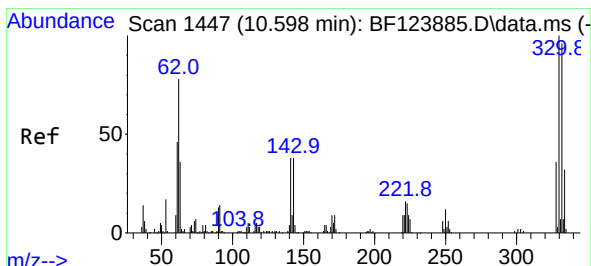
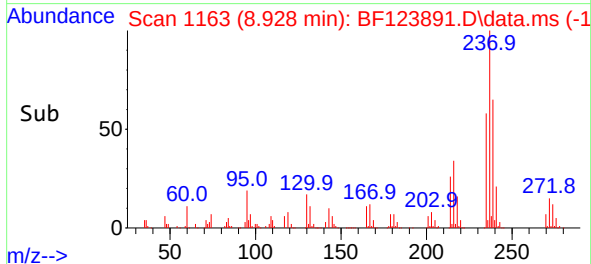
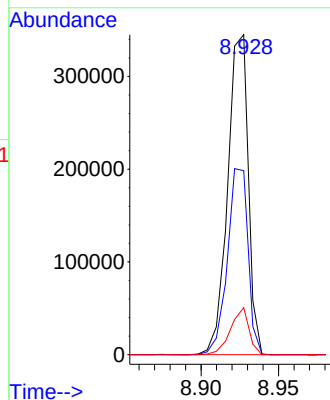
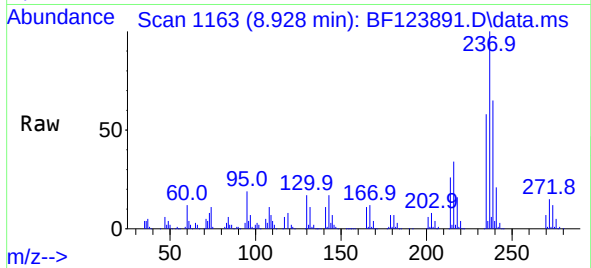
#41
Hexachlorocyclopentadiene
Concen: 82.49 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.005 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	237	Resp:	319530
Ion Ratio	Lower	Upper	
237	100		
235	57.5	38.8	78.8
272	14.7	0.0	32.4

Instrument :
BNA_F
ClientSampled :
PB136256BS

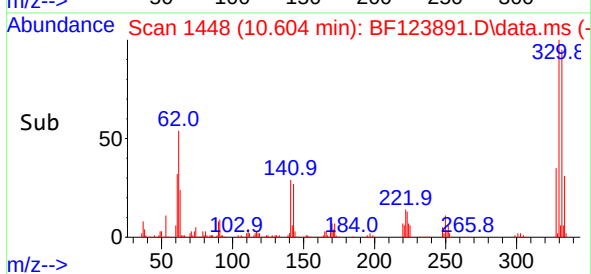
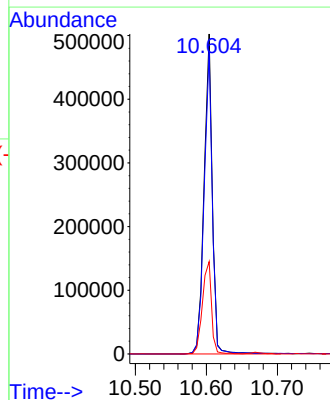
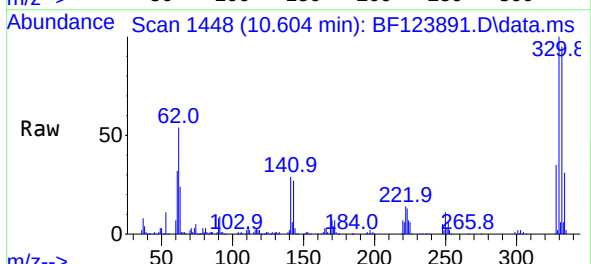
Manual Integrations
APPROVED

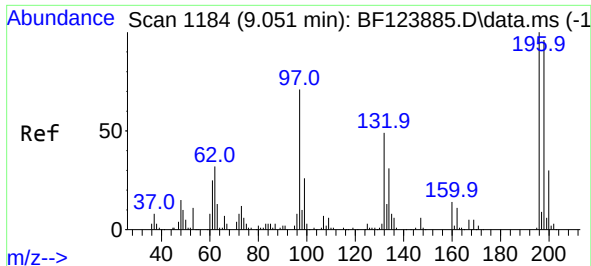
mohammad
5/11/2021 4:16:10 PM



#42
2,4,6-Tribromophenol
Concen: 112.33 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:	330	Resp:	407063
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.1	115.7
141	31.9	27.9	41.9





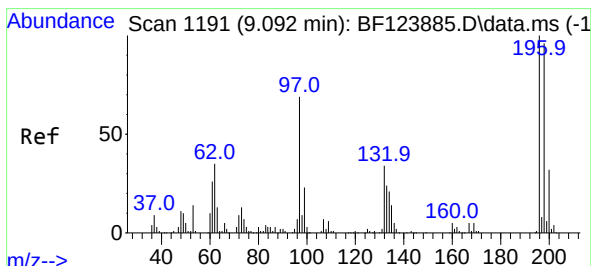
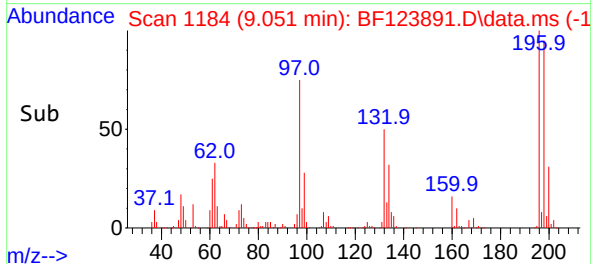
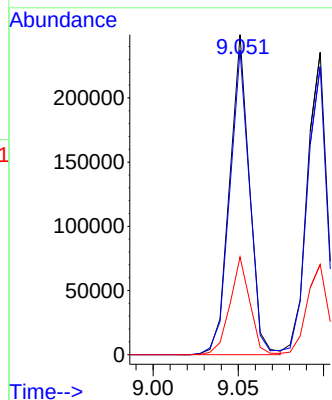
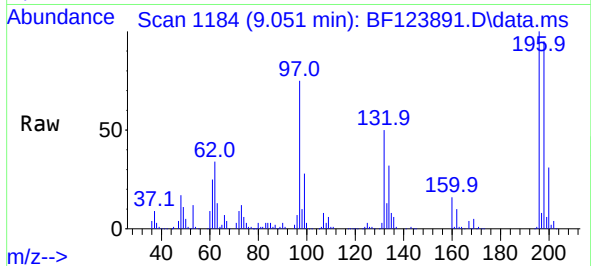
#43
2,4,6-Trichlorophenol
Concen: 35.23 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:196 Resp: 202047
Ion Ratio Lower Upper
196 100
198 95.1 78.2 117.2
200 30.5 25.0 37.6

Instrument :
BNA_F
ClientSampled :
PB136256BS

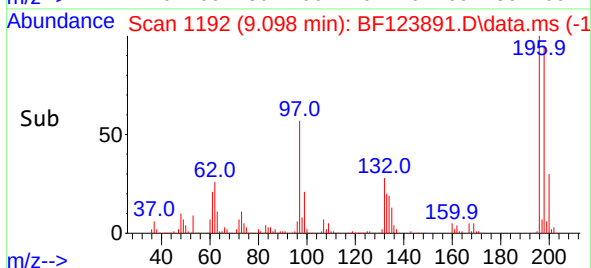
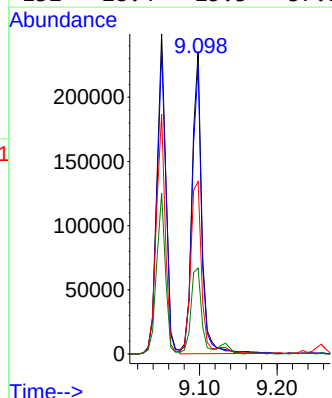
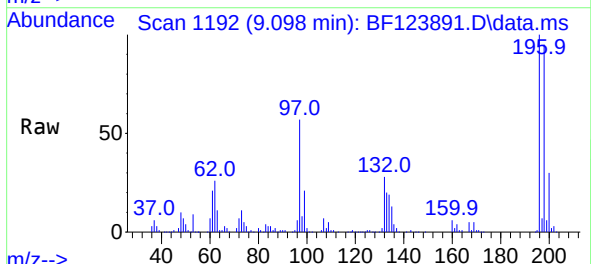
Manual Integrations
APPROVED

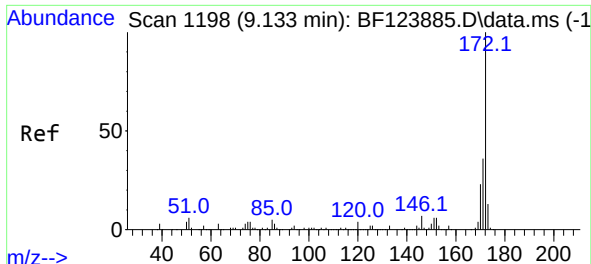
mohammad
5/11/2021 4:16:10 PM



#44
2,4,5-Trichlorophenol
Concen: 35.73 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:196 Resp: 205299
Ion Ratio Lower Upper
196 100
198 95.3 76.5 114.7
97 57.1 52.9 79.3
132 28.4 25.3 37.9





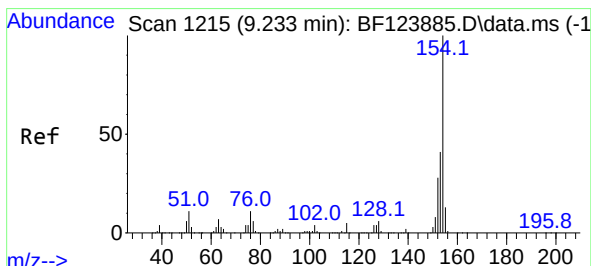
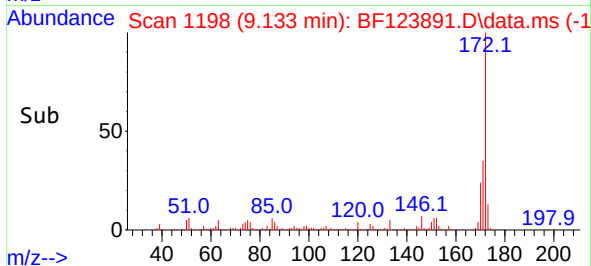
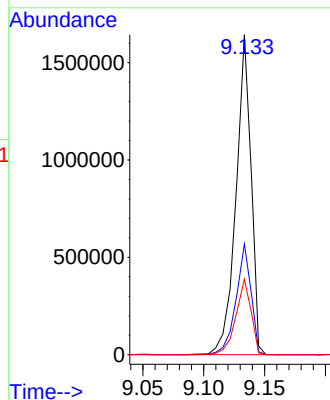
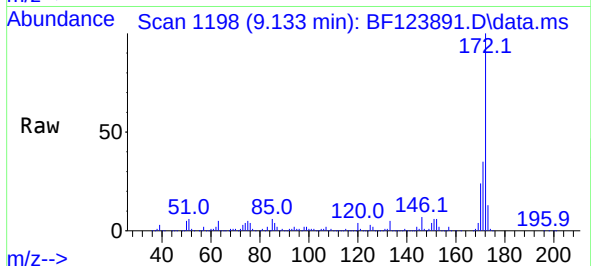
#45
2-Fluorobiphenyl
Concen: 71.62 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:172 Resp: 1411772
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 19.2 28.8

Instrument :
BNA_F
ClientSampleId :
PB136256BS

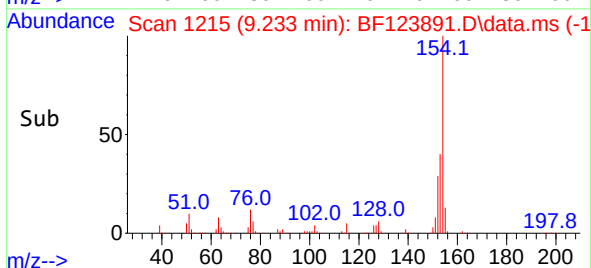
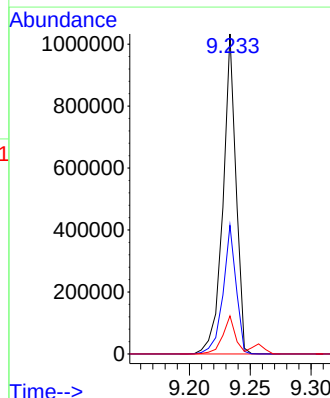
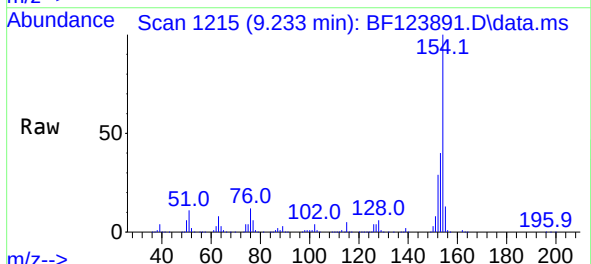
Manual Integrations
APPROVED

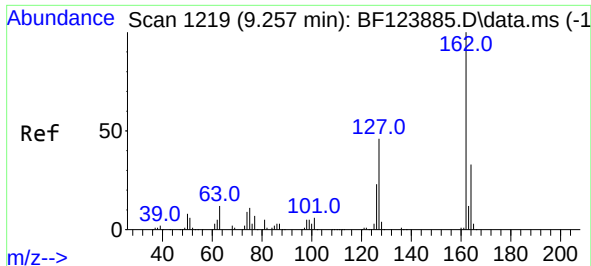
mohammad
5/11/2021 4:16:10 PM



#46
1,1'-Biphenyl
Concen: 35.23 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:154 Resp: 770446
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 11.9 0.0 31.7





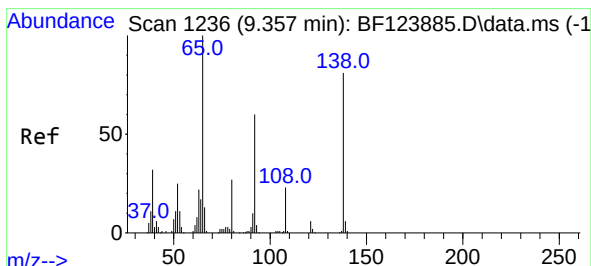
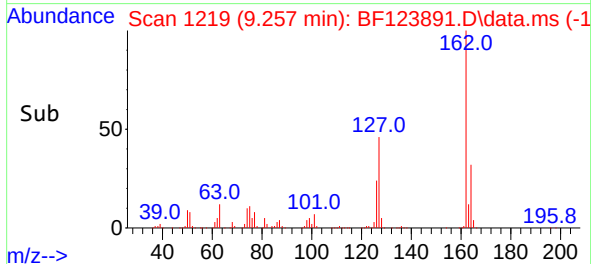
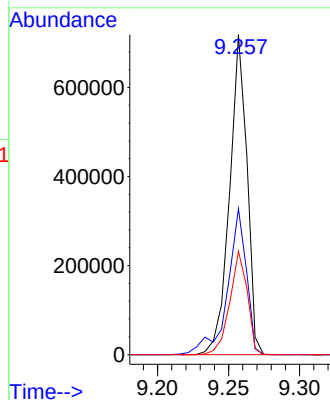
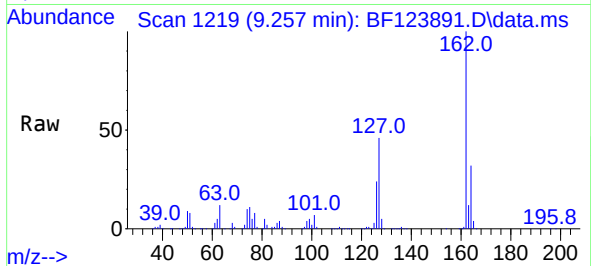
#47
2-Chloronaphthalene
Concen: 36.87 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:162 Resp: 614353
Ion Ratio Lower Upper
162 100
127 45.7 36.2 54.2
164 32.4 25.4 38.2

Instrument :
BNA_F
ClientSampleId :
PB136256BS

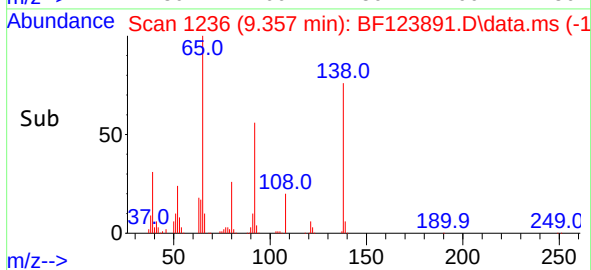
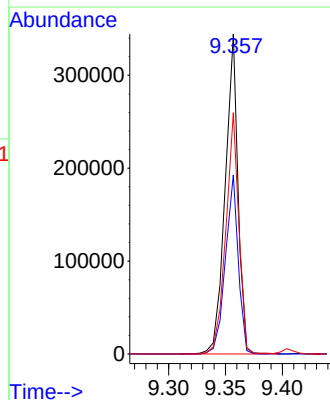
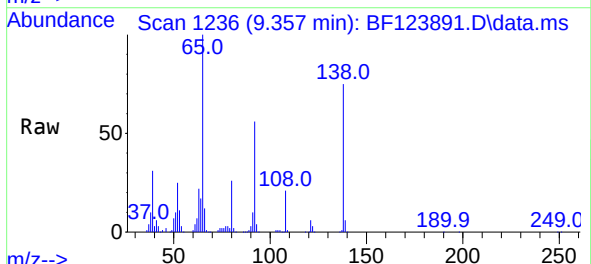
Manual Integrations
APPROVED

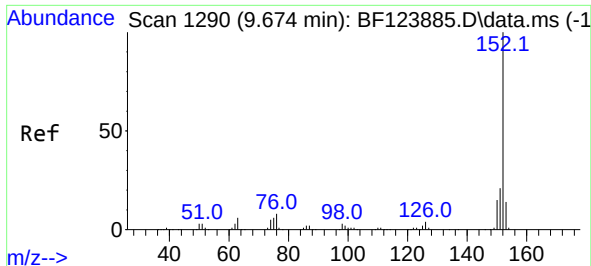
mohammad
5/11/2021 4:16:10 PM



#48
2-Nitroaniline
Concen: 37.23 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 65 Resp: 271242
Ion Ratio Lower Upper
65 100
92 56.0 47.1 70.7
138 75.4 70.2 105.2





#49

Acenaphthylene

Concen: 37.74 ng

RT: 9.675 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF123891.D

Acq: 10 May 2021 18:58

Tgt Ion:152 Resp: 1005060

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.1	10.4	15.6

Instrument :

BNA_F

ClientSampleId :

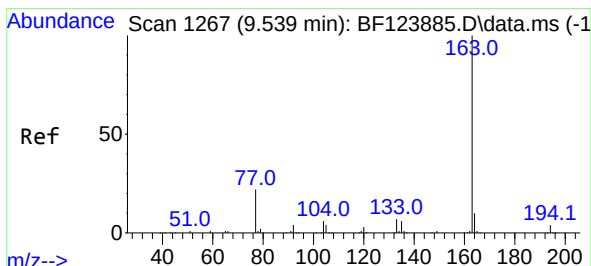
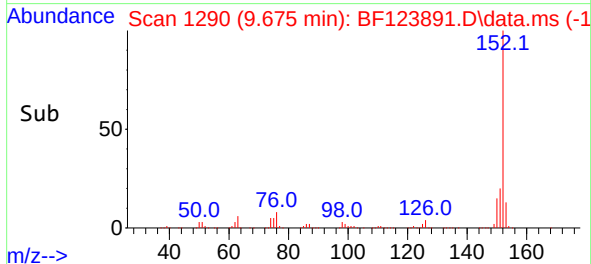
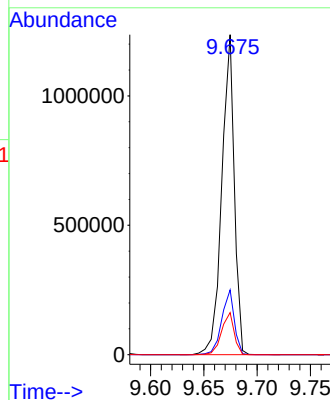
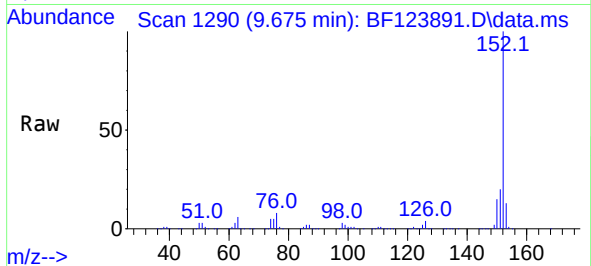
PB136256BS

Manual Integrations

APPROVED

mohammad

5/11/2021 4:16:10 PM



#50

Dimethylphthalate

Concen: 38.30 ng

RT: 9.539 min Scan# 1267

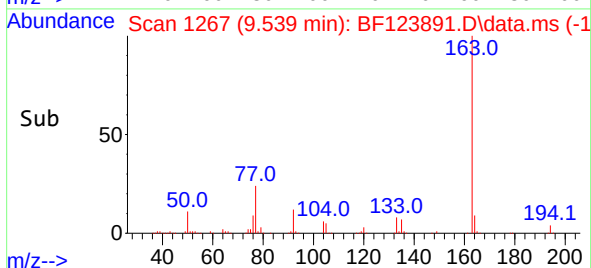
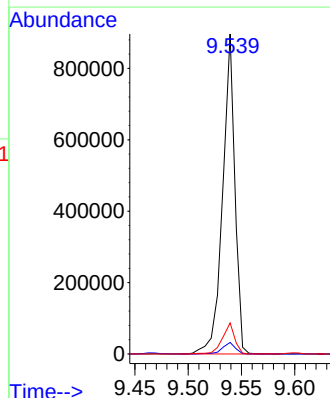
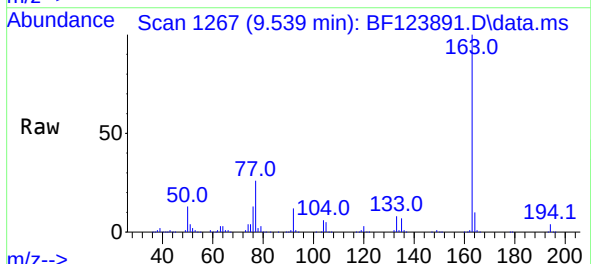
Delta R.T. 0.000 min

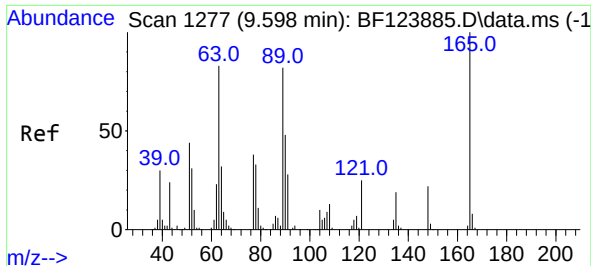
Lab File: BF123891.D

Acq: 10 May 2021 18:58

Tgt Ion:163 Resp: 714966

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.7	8.2	12.2





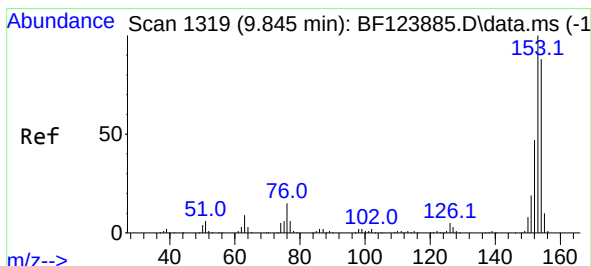
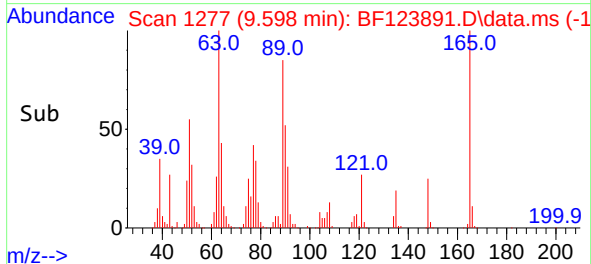
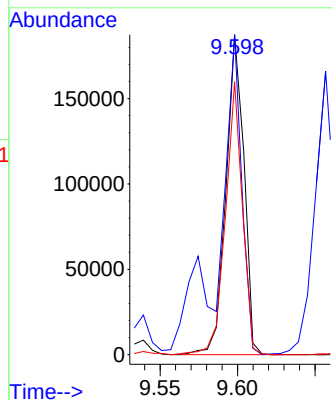
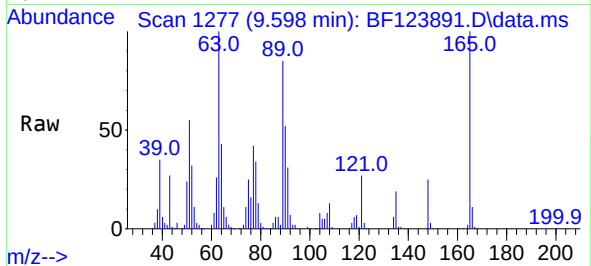
#51
2,6-Dinitrotoluene
Concen: 35.86 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:165 Resp: 150915
Ion Ratio Lower Upper
165 100
63 100.0 67.7 101.5
89 85.3 58.8 88.2

Instrument :
BNA_F
ClientSampled :
PB136256BS

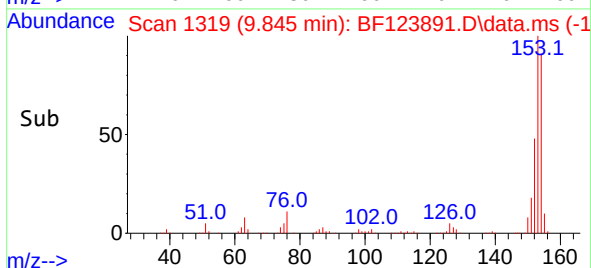
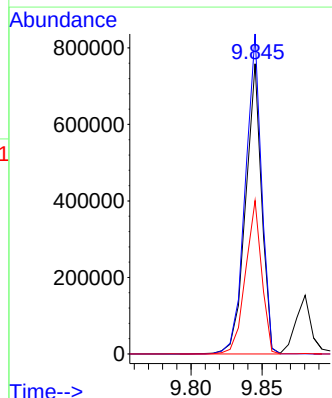
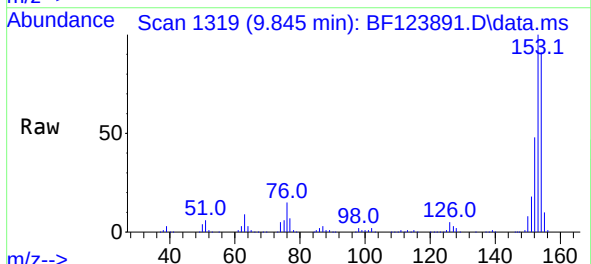
Manual Integrations
APPROVED

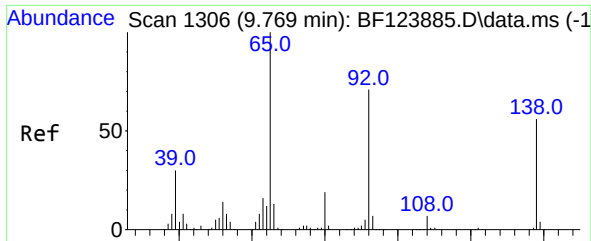
mohammad
5/11/2021 4:16:10 PM



#52
Acenaphthene
Concen: 36.91 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:154 Resp: 596402
Ion Ratio Lower Upper
154 100
153 110.2 88.1 132.1
152 52.9 43.4 65.0





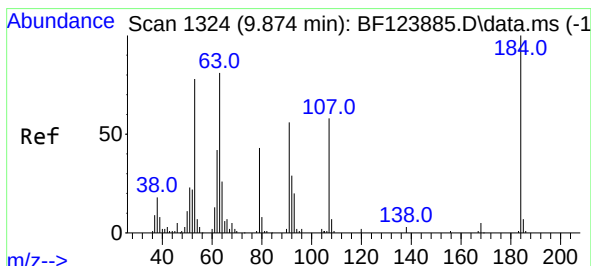
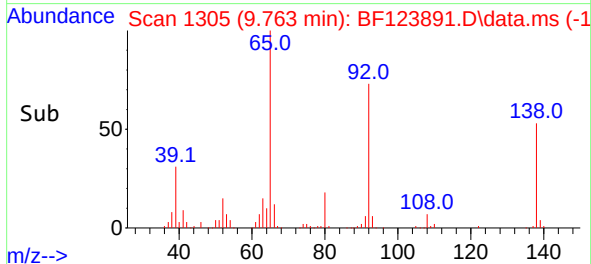
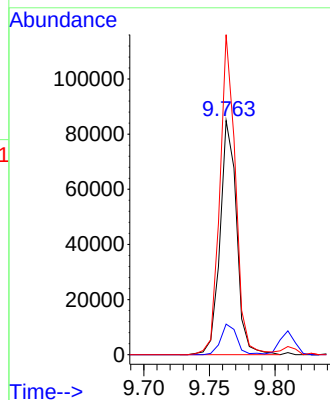
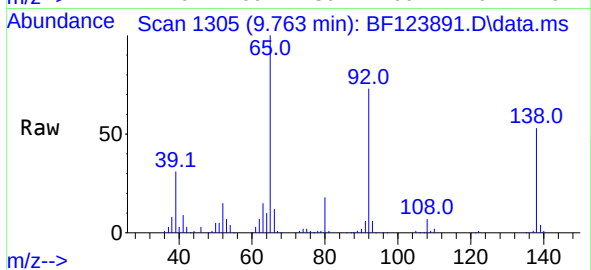
#53
3-Nitroaniline
Concen: 15.59 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:138 Resp: 74299
Ion Ratio Lower Upper
138 100
108 13.1 10.2 15.4
92 136.7 103.3 154.9

Instrument :
BNA_F
ClientSampleId :
PB136256BS

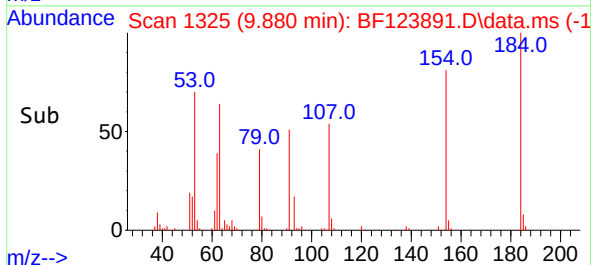
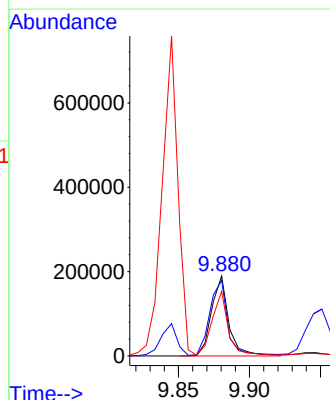
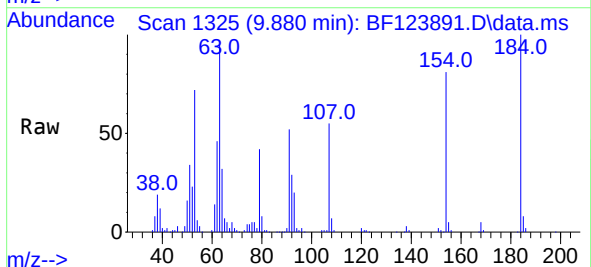
Manual Integrations
APPROVED

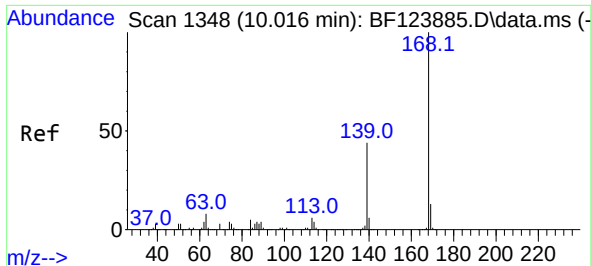
mohammad
5/11/2021 4:16:10 PM



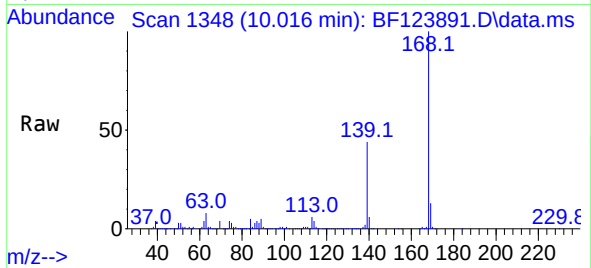
#54
2,4-Dinitrophenol
Concen: 80.03 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:184 Resp: 161264
Ion Ratio Lower Upper
184 100
63 94.6 73.5 110.3
154 80.8 52.5 78.7#

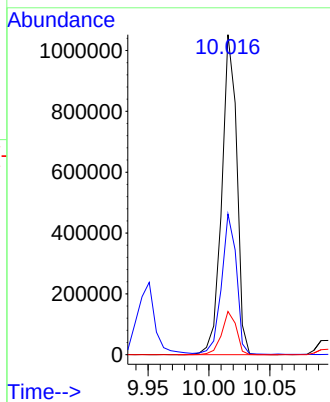
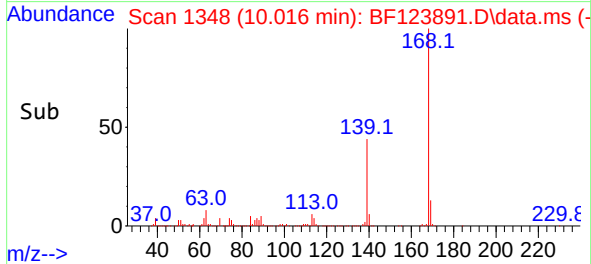




#55
Dibenzofuran
Concen: 36.37 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



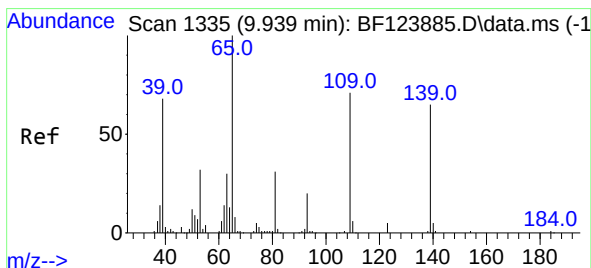
Tgt Ion:168 Resp: 903814
Ion Ratio Lower Upper
168 100
139 44.0 33.2 49.8
169 13.5 10.8 16.2



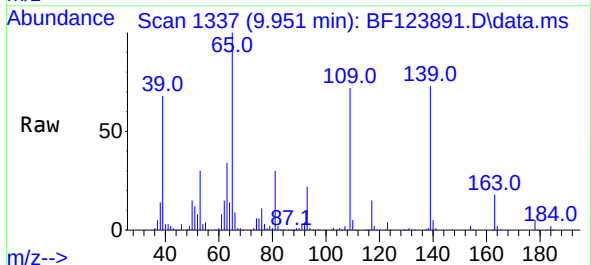
Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

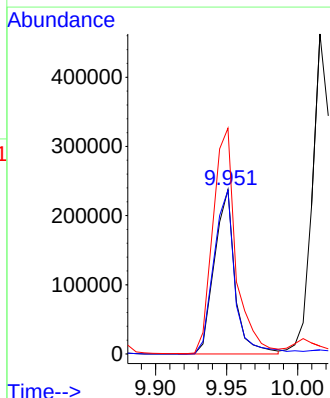
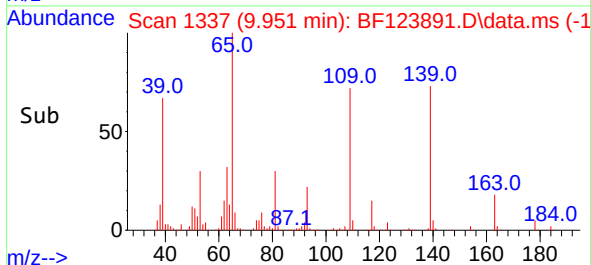
mohammad
5/11/2021 4:16:10 PM

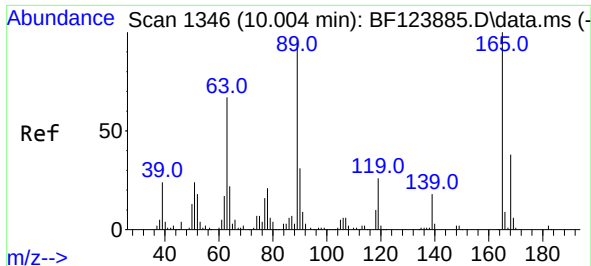


#56
4-Nitrophenol
Concen: 72.28 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

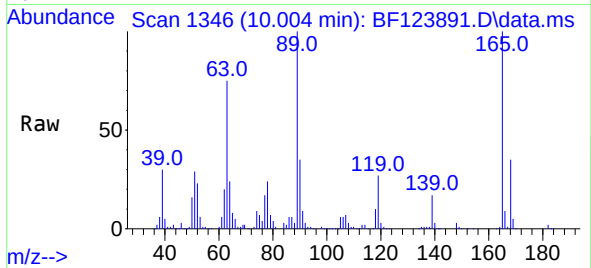


Tgt Ion:139 Resp: 238662
Ion Ratio Lower Upper
139 100
109 99.6 63.2 103.2
65 137.3 110.0 150.0

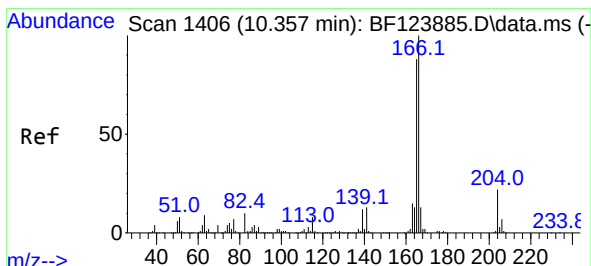
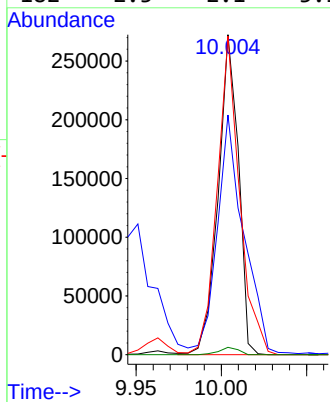
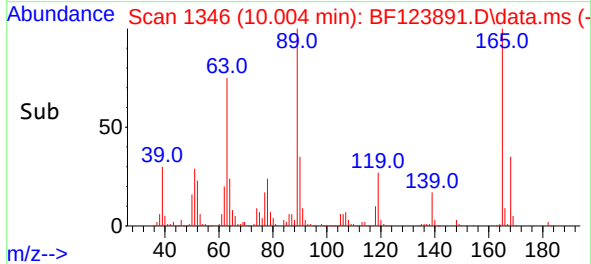




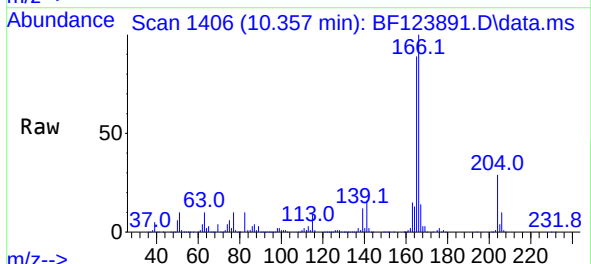
#57
2,4-Dinitrotoluene
Concen: 38.77 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



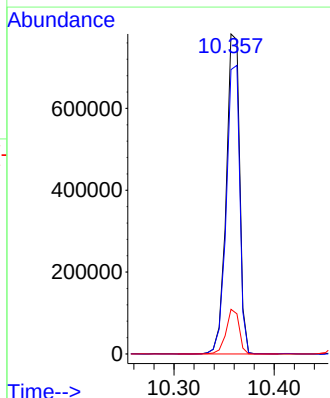
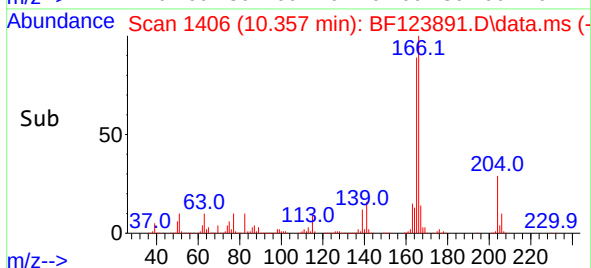
Tgt Ion:165 Resp: 224644
Ion Ratio Lower Upper
165 100
63 74.9 43.5 65.3#
89 99.6 67.7 101.5
182 2.3 2.1 3.1



#58
Fluorene
Concen: 37.17 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



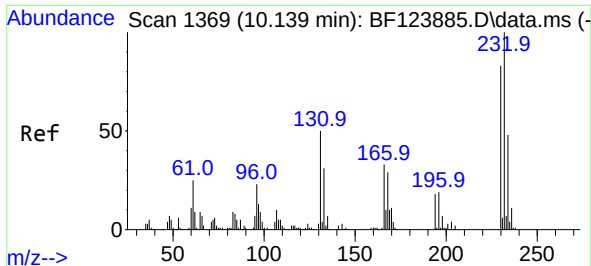
Tgt Ion:166 Resp: 724735
Ion Ratio Lower Upper
166 100
165 88.9 73.5 110.3
167 14.0 10.7 16.1



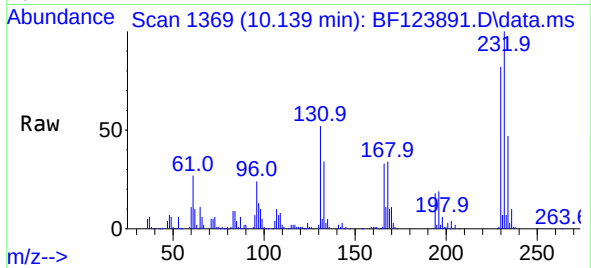
Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

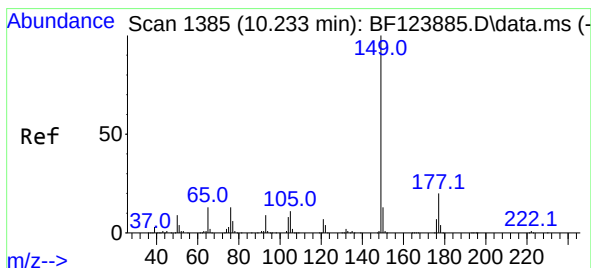
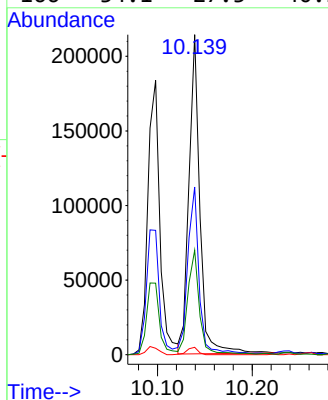
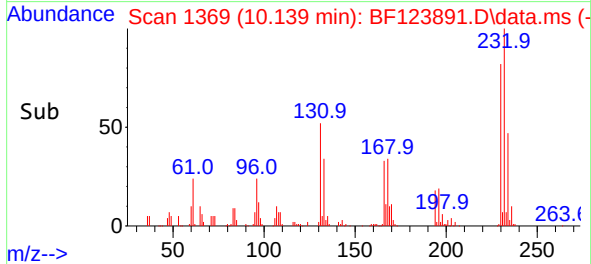
mohammad
5/11/2021 4:16:10 PM



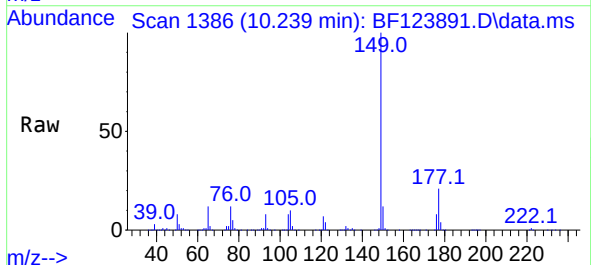
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.82 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



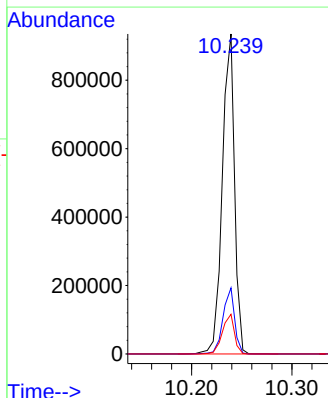
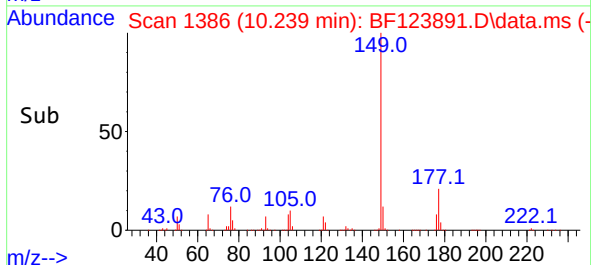
Tgt Ion:232 Resp: 172406
Ion Ratio Lower Upper
232 100
131 54.8 43.2 64.8
130 2.3 2.2 3.2
166 34.1 27.3 40.9



#60
Diethylphthalate
Concen: 40.97 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



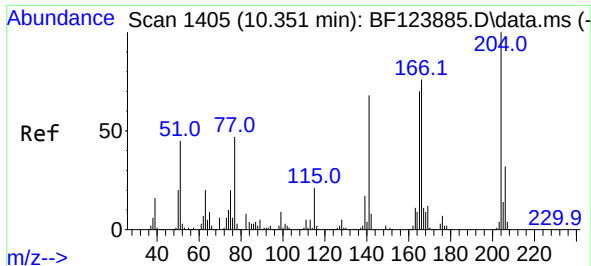
Tgt Ion:149 Resp: 789139
Ion Ratio Lower Upper
149 100
177 20.7 15.4 23.2
150 12.4 9.9 14.9



Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM



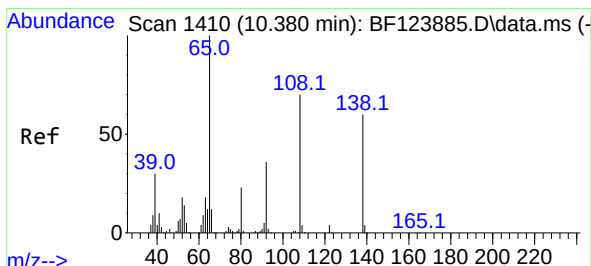
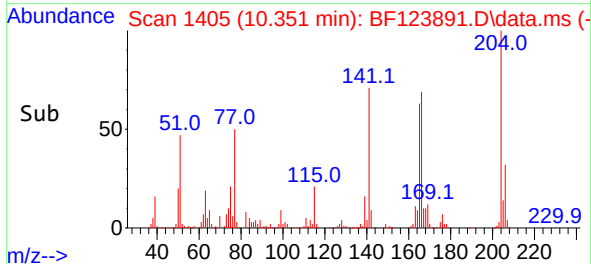
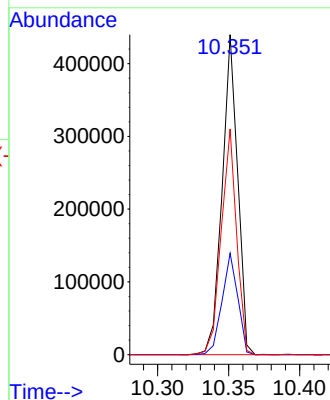
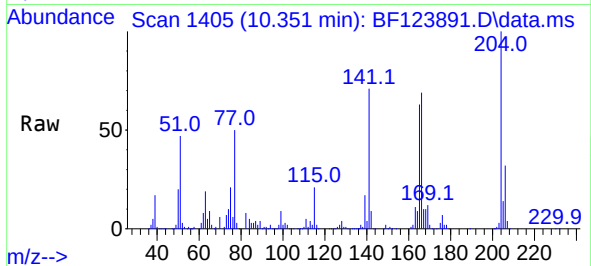
#61
4-Chlorophenyl-phenylether
Concen: 36.31 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Instrument :
BNA_F
ClientSampleId :
PB136256BS

Tgt Ion:204 Resp: 333604
Ion Ratio Lower Upper
204 100
206 31.7 25.7 38.5
141 70.5 55.5 83.3

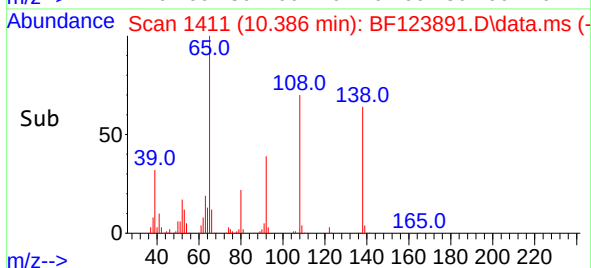
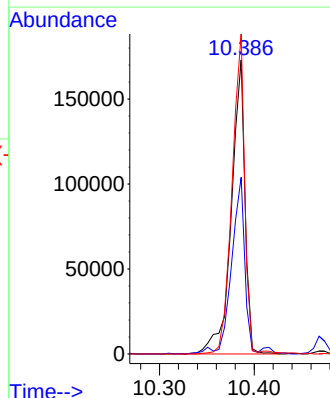
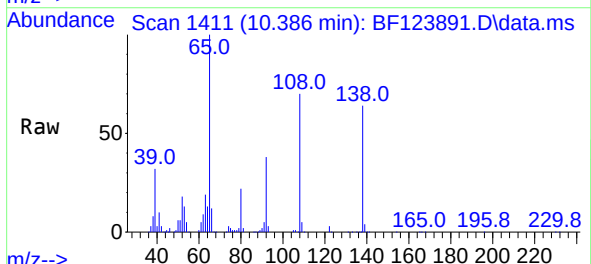
Manual Integrations
APPROVED

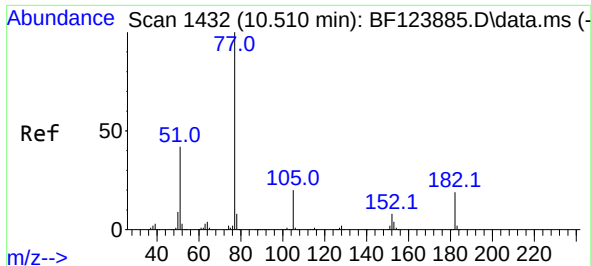
mohammad
5/11/2021 4:16:10 PM



#62
4-Nitroaniline
Concen: 34.90 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:138 Resp: 172531
Ion Ratio Lower Upper
138 100
92 60.0 35.8 75.8
108 108.8 63.6 103.6#





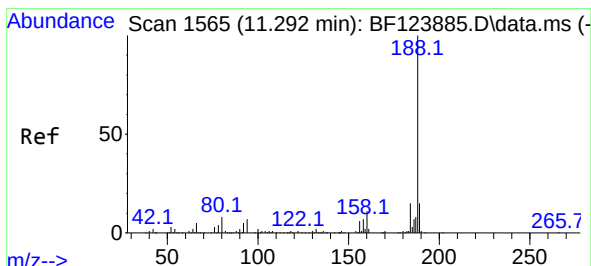
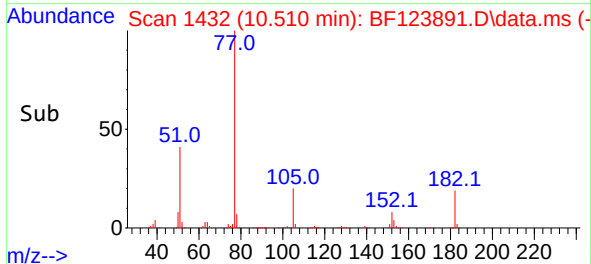
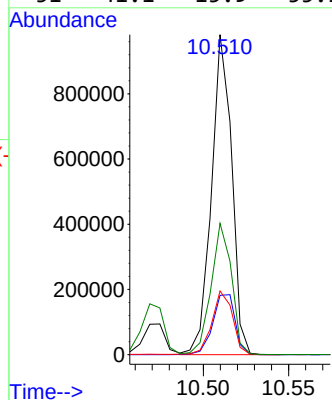
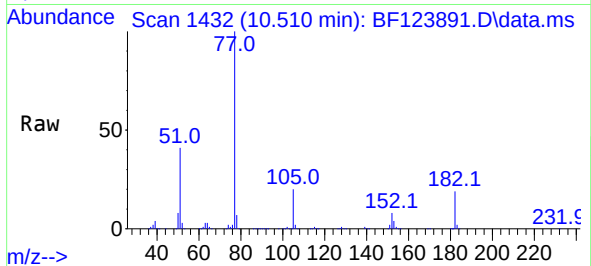
#63
Azobenzene
Concen: 37.87 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 77	Resp: 812803
Ion Ratio	Lower Upper
77 100	
182 18.5	1.7 41.7
105 19.9	1.7 41.7
51 41.1	15.9 55.9

Instrument :
BNA_F
ClientSampled :
PB136256BS

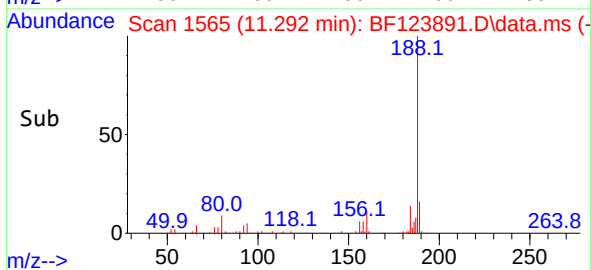
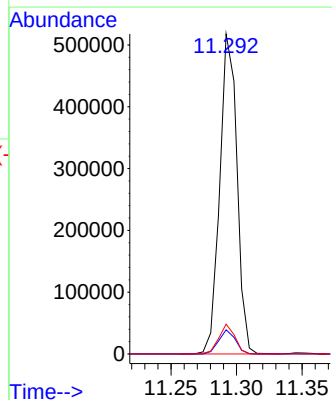
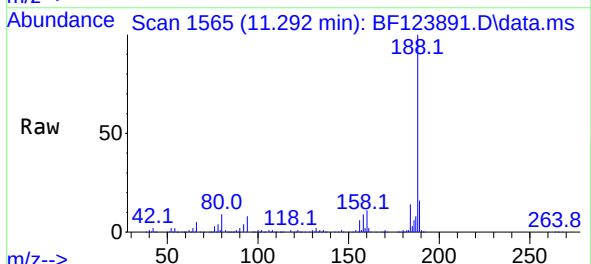
Manual Integrations
APPROVED

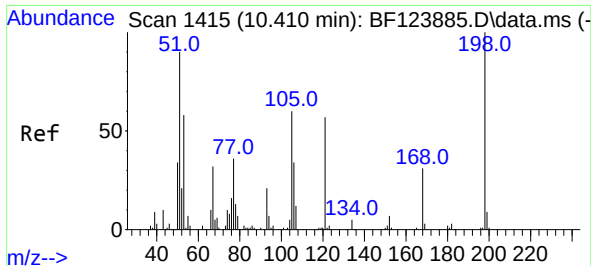
mohammad
5/11/2021 4:16:10 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:188	Resp: 472337
Ion Ratio	Lower Upper
188 100	
94 7.5	6.9 10.3
80 9.3	8.2 12.2





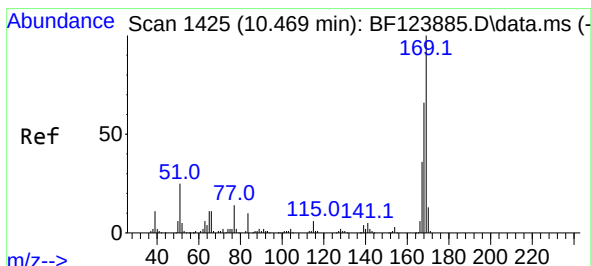
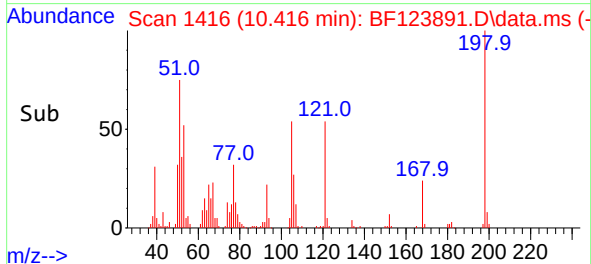
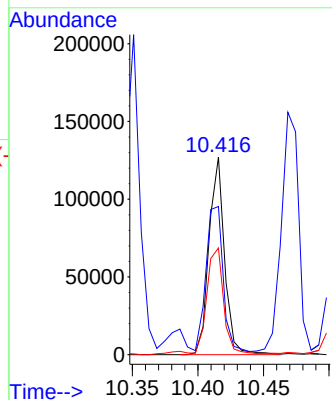
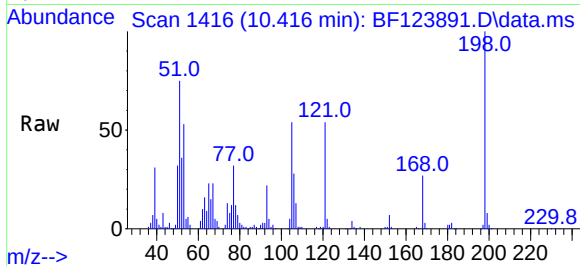
#65
4,6-Dinitro-2-methylphenol
Concen: 36.66 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:198 Resp: 105498
Ion Ratio Lower Upper
198 100
51 75.0 64.8 104.8
105 54.0 42.6 82.6

Instrument :
BNA_F
ClientSampled :
PB136256BS

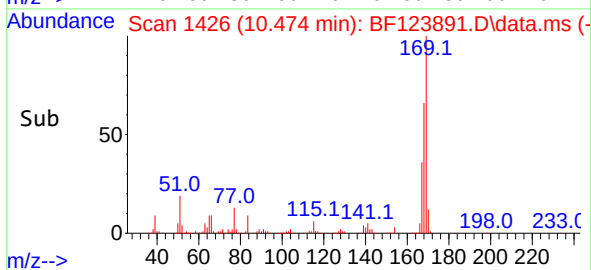
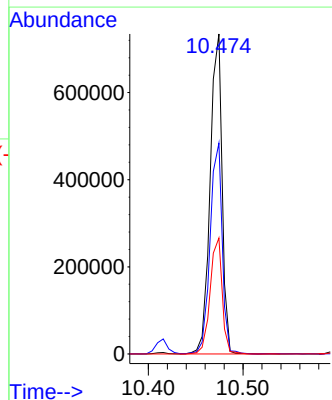
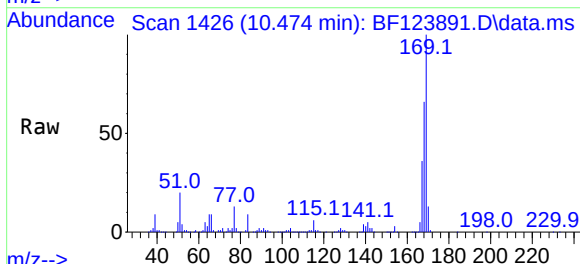
Manual Integrations
APPROVED

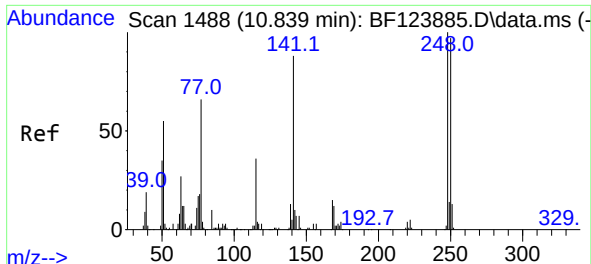
mohammad
5/11/2021 4:16:10 PM



#66
n-Nitrosodiphenylamine
Concen: 40.89 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

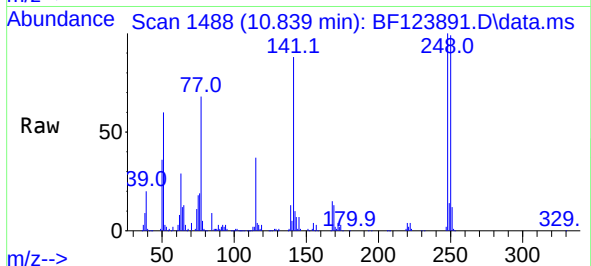
Tgt Ion:169 Resp: 640464
Ion Ratio Lower Upper
169 100
168 65.9 53.3 79.9
167 36.2 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 42.33 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

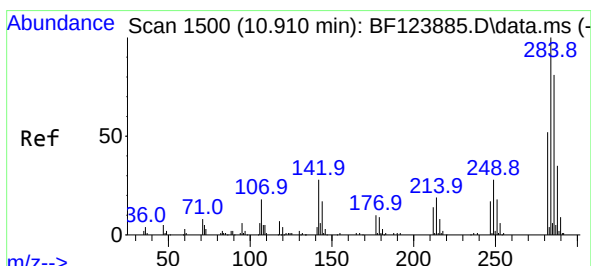
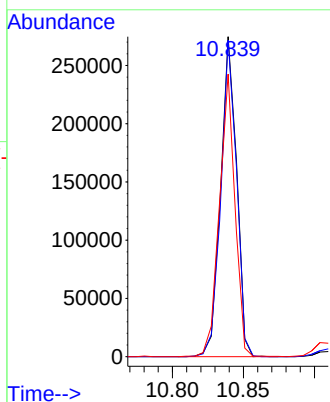
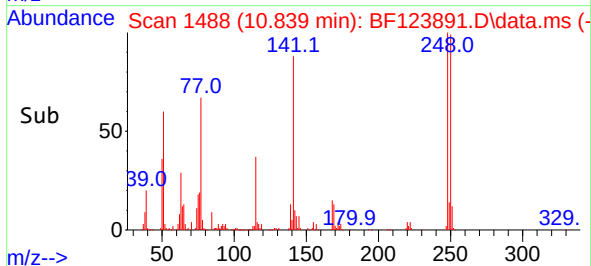
Instrument :
BNA_F
ClientSampleId :
PB136256BS



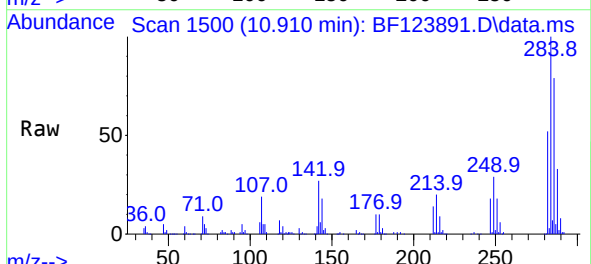
Tgt Ion:248 Resp: 213985
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 88.3 63.7 95.5

Manual Integrations
APPROVED

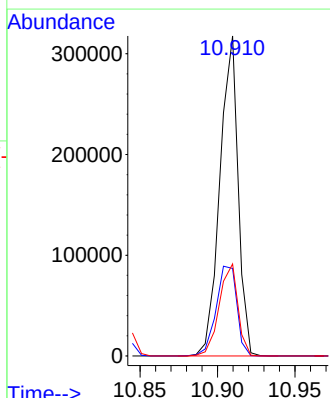
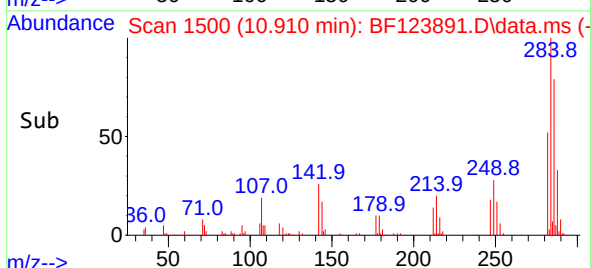
mohammad
5/11/2021 4:16:10 PM

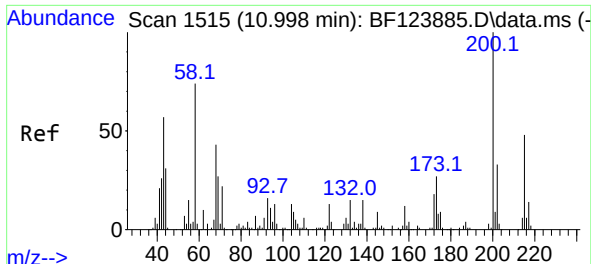


#68
Hexachlorobenzene
Concen: 42.92 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



Tgt Ion:284 Resp: 260216
Ion Ratio Lower Upper
284 100
142 27.3 28.3 42.5#
249 28.7 23.5 35.3





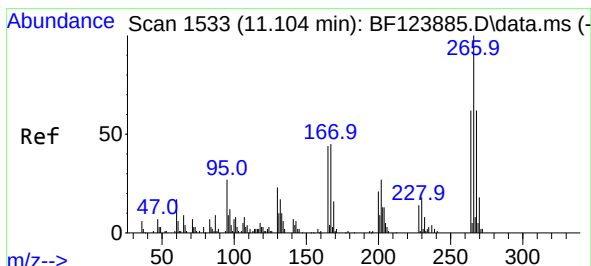
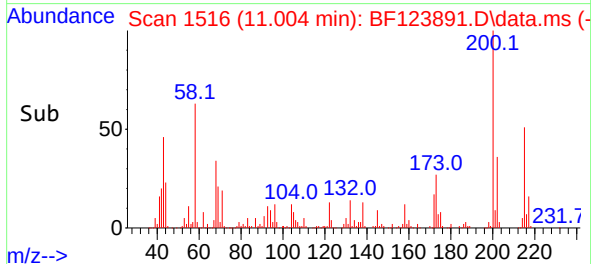
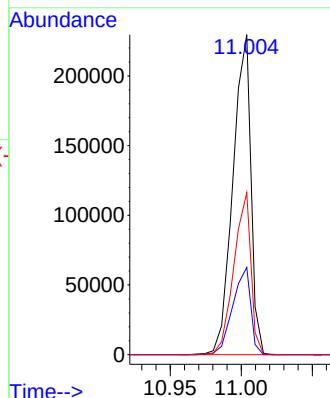
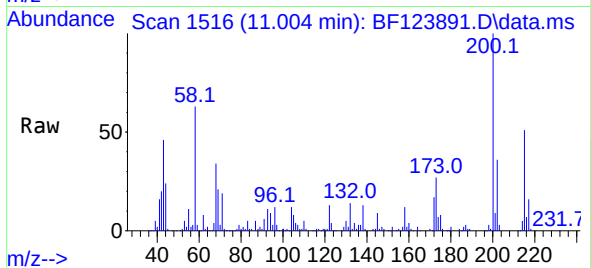
#69
Atrazine
Concen: 45.02 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:200 Resp: 202764
Ion Ratio Lower Upper
200 100
173 27.3 6.9 46.9
215 50.7 26.5 66.5

Instrument :
BNA_F
ClientSampleId :
PB136256BS

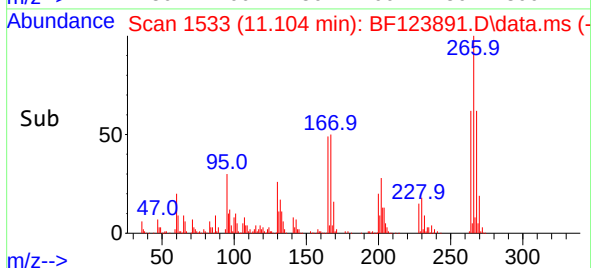
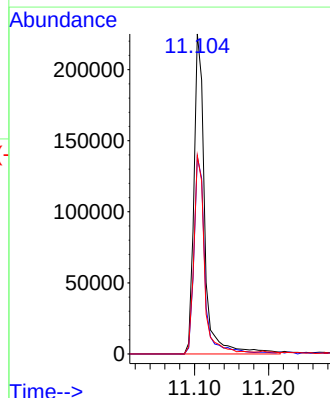
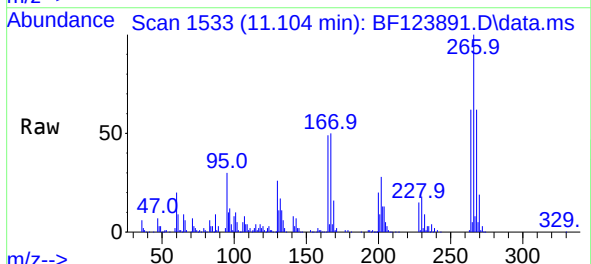
Manual Integrations
APPROVED

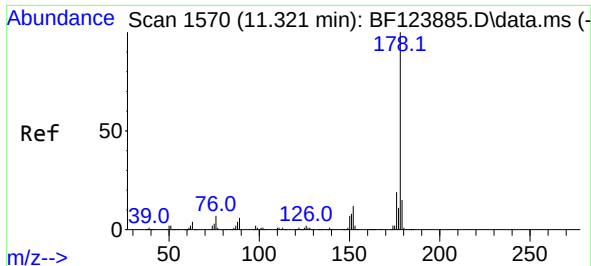
mohammad
5/11/2021 4:16:10 PM



#70
Pentachlorophenol
Concen: 85.89 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:266 Resp: 227459
Ion Ratio Lower Upper
266 100
268 61.6 51.6 77.4
264 62.0 52.6 78.8





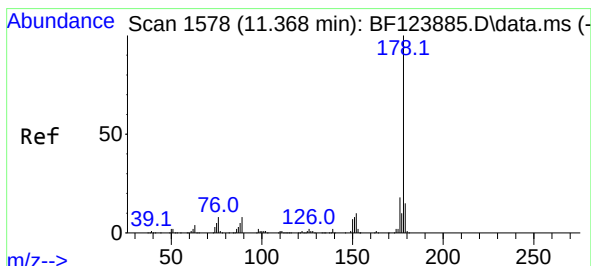
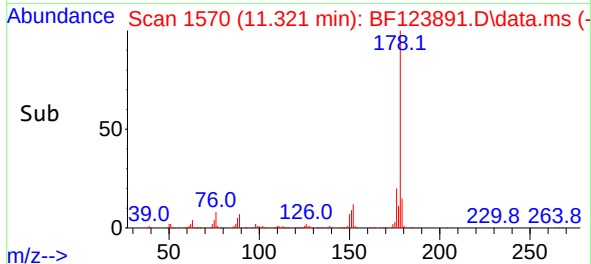
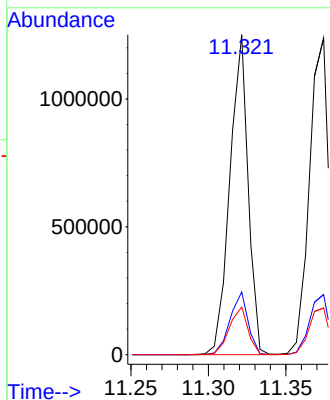
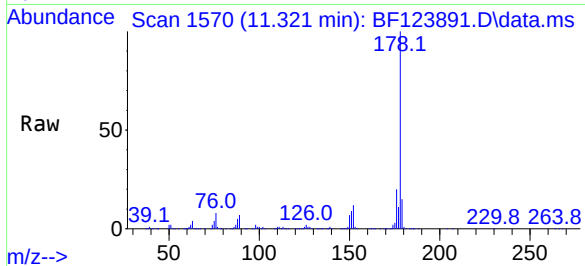
#71
Phenanthrene
Concen: 38.02 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:178 Resp: 1025338
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 14.9 12.5 18.7

Instrument :
BNA_F
ClientSampleId :
PB136256BS

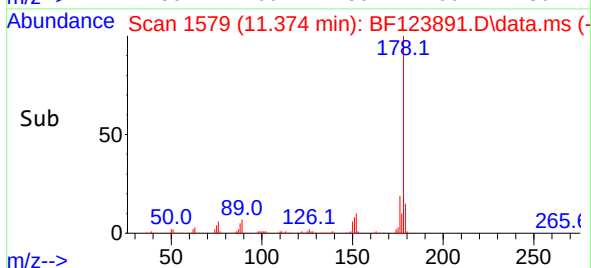
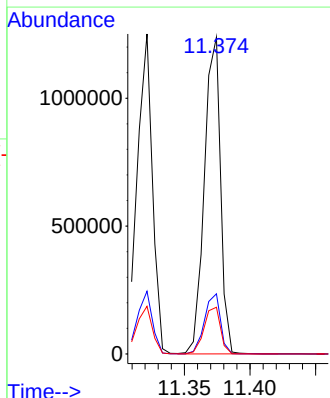
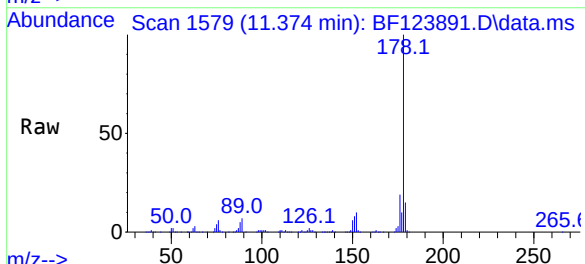
Manual Integrations
APPROVED

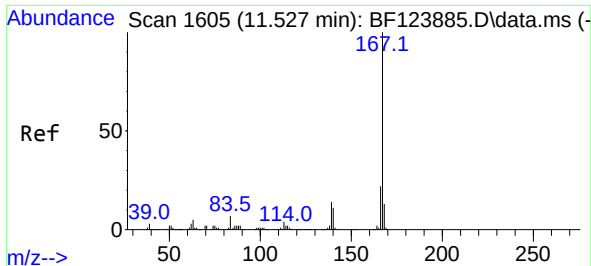
mohammad
5/11/2021 4:16:10 PM



#72
Anthracene
Concen: 39.66 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

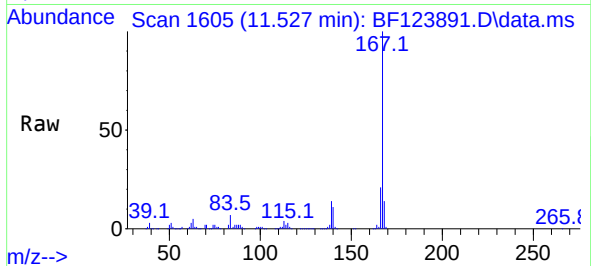
Tgt Ion:178 Resp: 1064253
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 14.7 12.6 18.8





#73
 Carbazole
 Concen: 37.05 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF123891.D
 Acq: 10 May 2021 18:58

Instrument :
 BNA_F
 ClientSampleId :
 PB136256BS

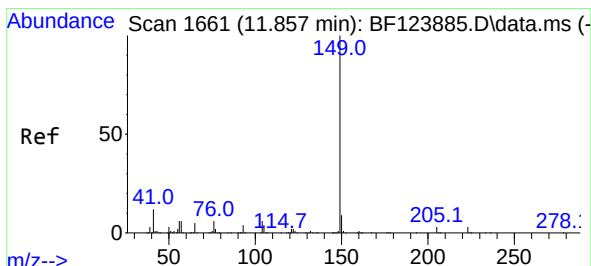
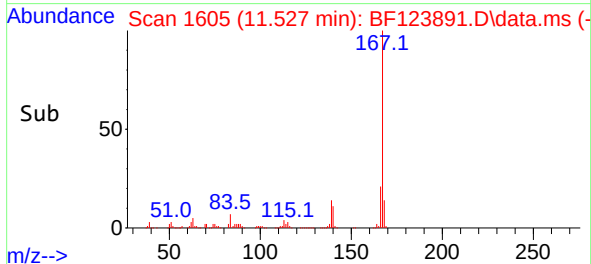
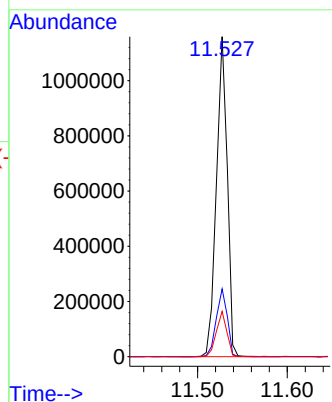


Tgt Ion:167 Resp: 972951

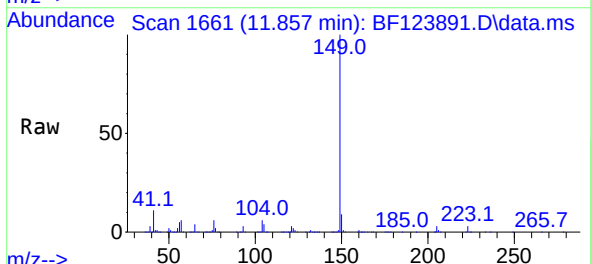
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	14.2	10.4	15.6

Manual Integrations
 APPROVED

mohammad
 5/11/2021 4:16:10 PM

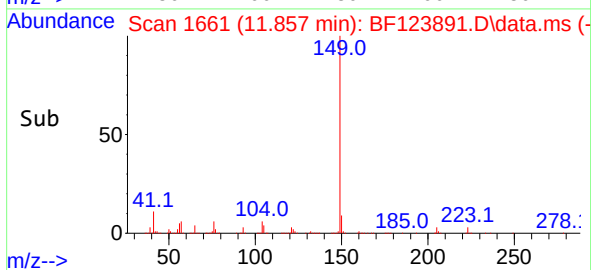
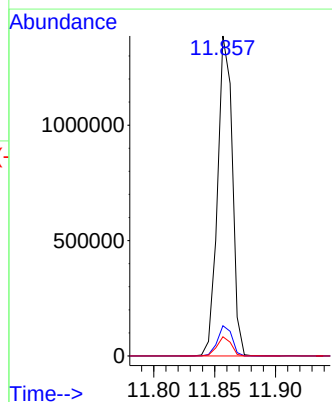


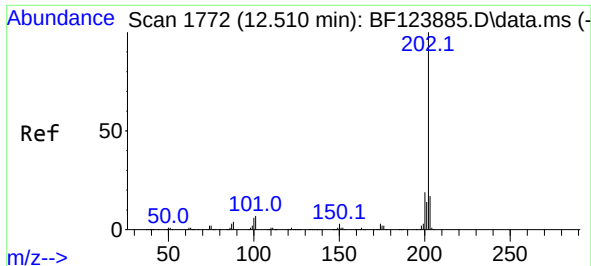
#74
 Di-n-butylphthalate
 Concen: 42.22 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: BF123891.D
 Acq: 10 May 2021 18:58



Tgt Ion:149 Resp: 1169578

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	6.0	4.6	6.8





#75
Fluoranthene
Concen: 37.40 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

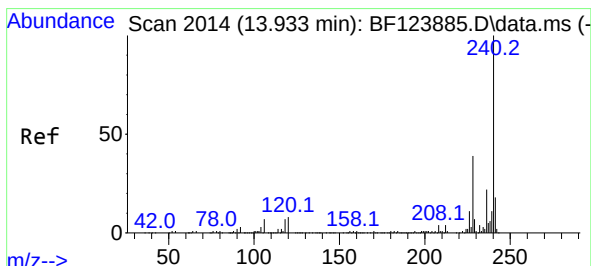
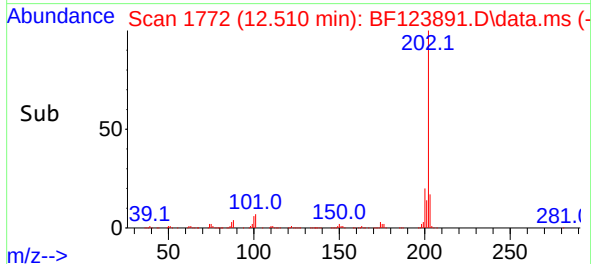
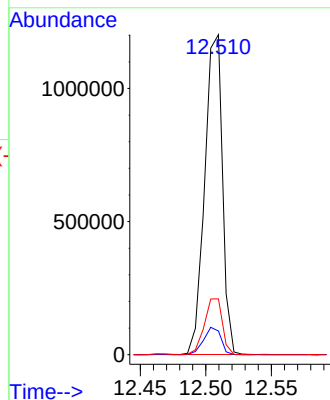
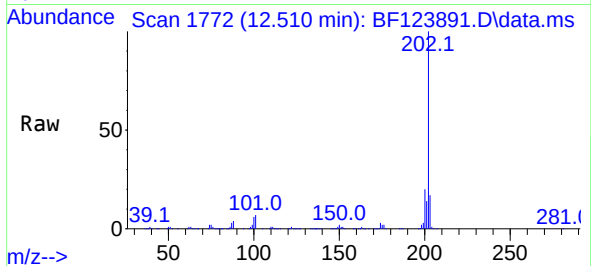
Tgt Ion:202 Resp: 1136133

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	30.9
203	17.4	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

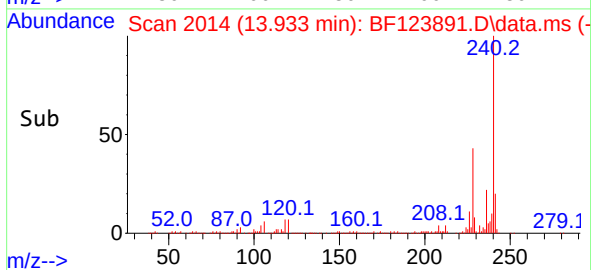
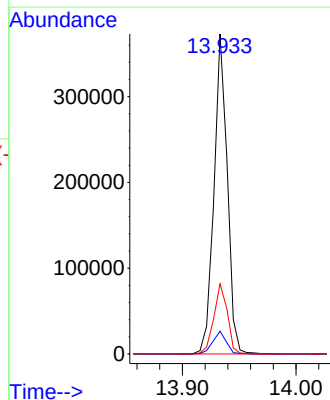
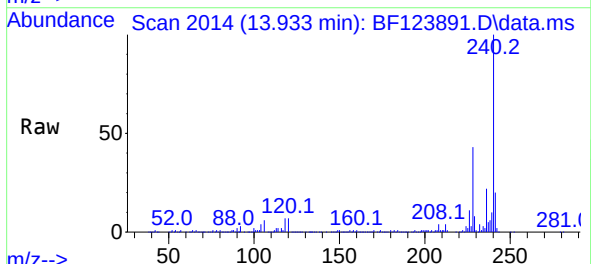
mohammad
5/11/2021 4:16:10 PM

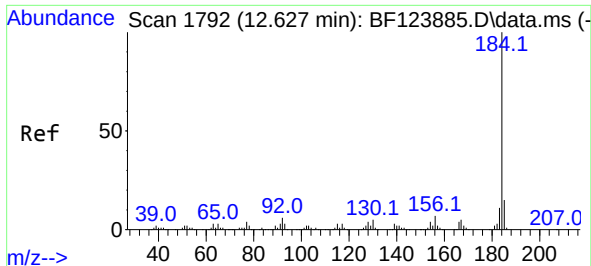


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:240 Resp: 302864

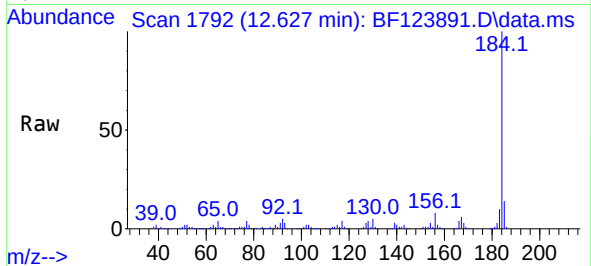
Ion	Ratio	Lower	Upper
240	100		
120	7.1	7.2	10.8#
236	21.9	19.0	28.4





#77
Benzidine
Concen: 58.48 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

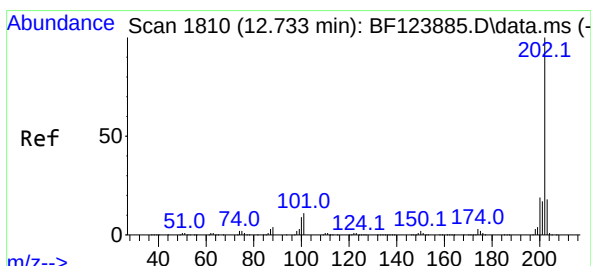
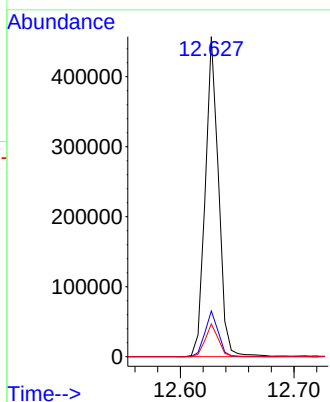
Instrument :
BNA_F
ClientSampleId :
PB136256BS



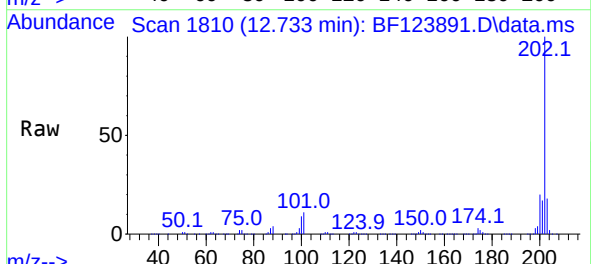
Tgt Ion:184 Resp: 371080
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 10.2 7.8 11.8

Manual Integrations
APPROVED

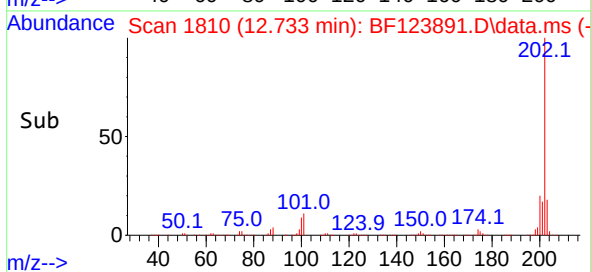
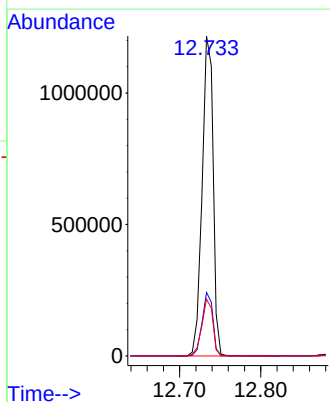
mohammad
5/11/2021 4:16:10 PM

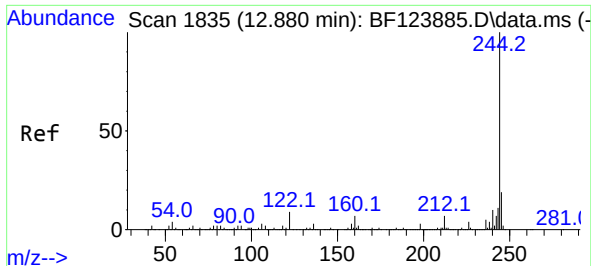


#78
Pyrene
Concen: 42.86 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



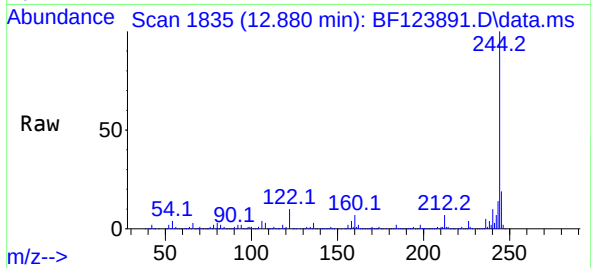
Tgt Ion:202 Resp: 1141885
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.7 14.8 22.2





#79
Terphenyl-d14
Concen: 85.17 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

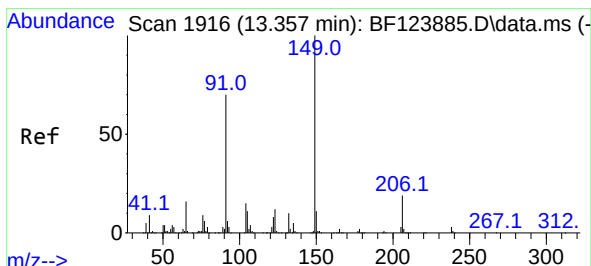
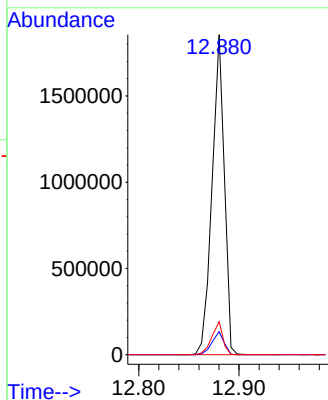
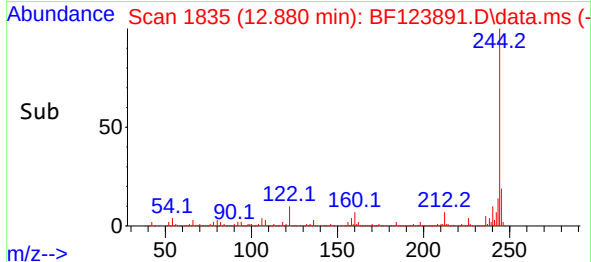
Instrument :
BNA_F
ClientSampleId :
PB136256BS



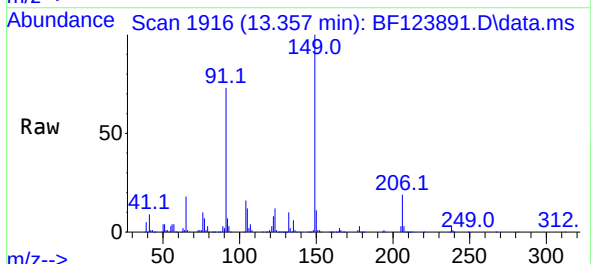
Tgt Ion:244 Resp: 1578342
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.3 9.7 14.5

Manual Integrations
APPROVED

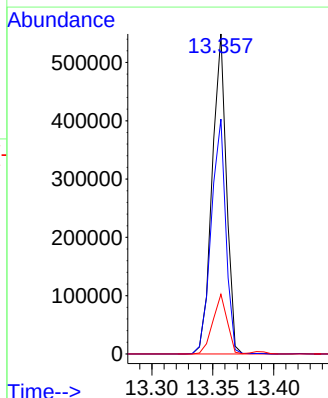
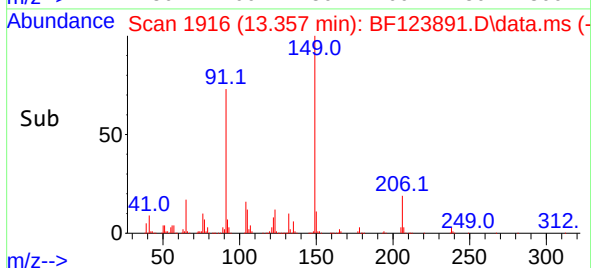
mohammad
5/11/2021 4:16:10 PM

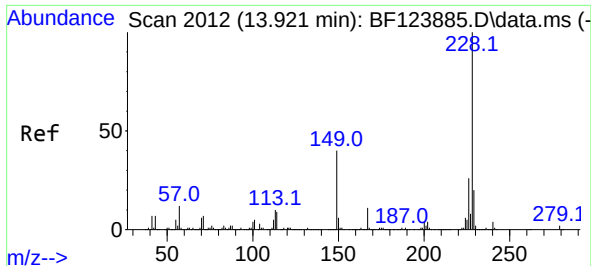


#80
Butylbenzylphthalate
Concen: 47.58 ng
RT: 13.357 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



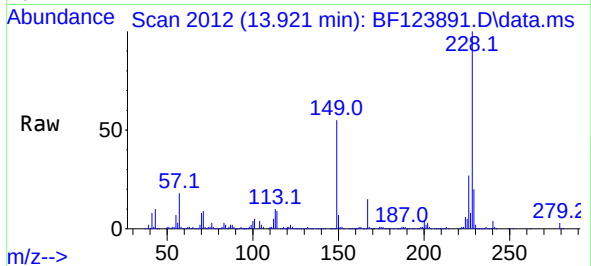
Tgt Ion:149 Resp: 447271
Ion Ratio Lower Upper
149 100
91 73.4 63.6 95.4
206 18.6 14.5 21.7





#81
Benzo(a)anthracene
Concen: 38.22 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

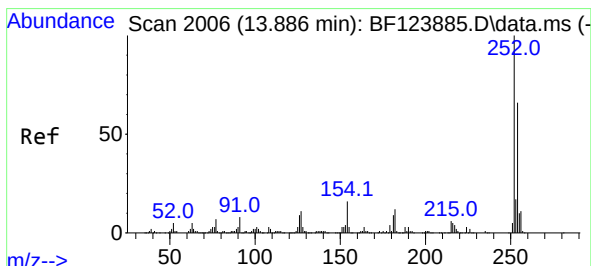
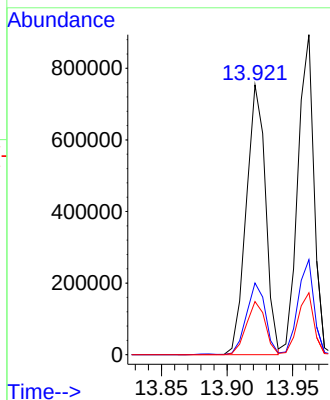
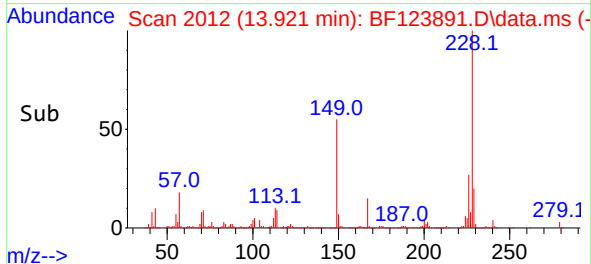
Instrument :
BNA_F
ClientSampled :
PB136256BS



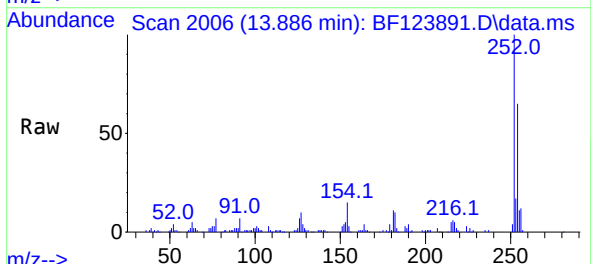
Tgt Ion:228 Resp: 769456
Ion Ratio Lower Upper
228 100
226 26.6 22.4 33.6
229 19.7 16.0 24.0

Manual Integrations
APPROVED

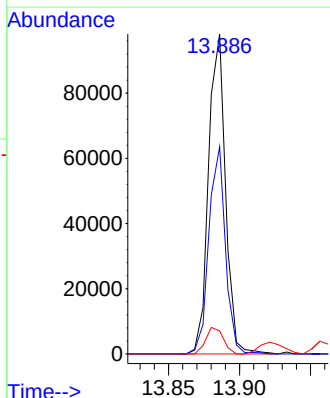
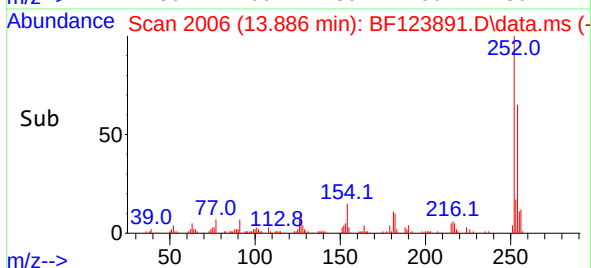
mohammad
5/11/2021 4:16:10 PM

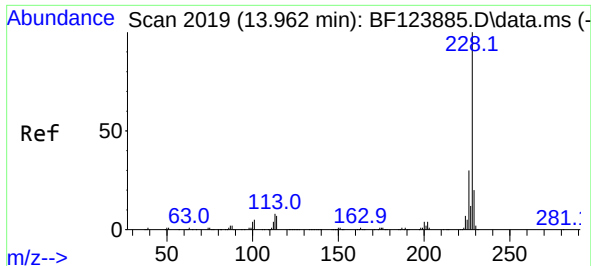


#82
3,3'-Dichlorobenzidine
Concen: 14.33 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



Tgt Ion:252 Resp: 81919
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 7.2 7.7 11.5#





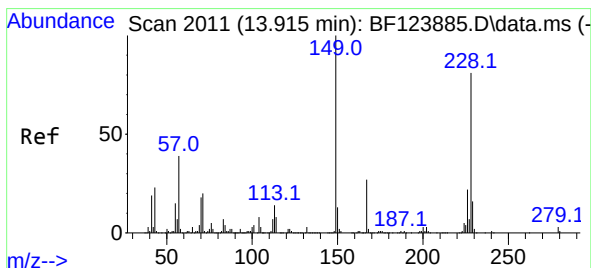
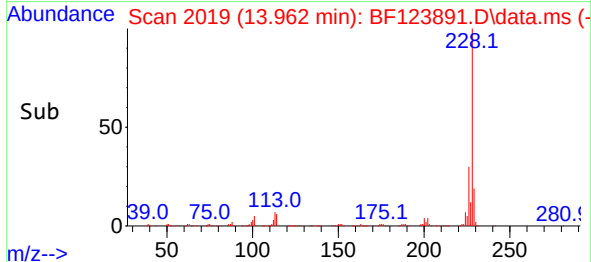
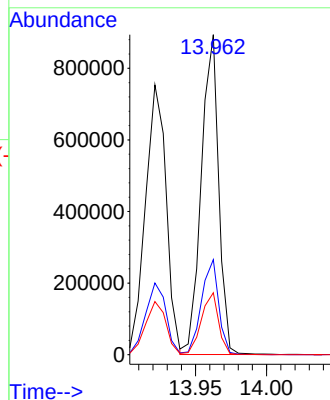
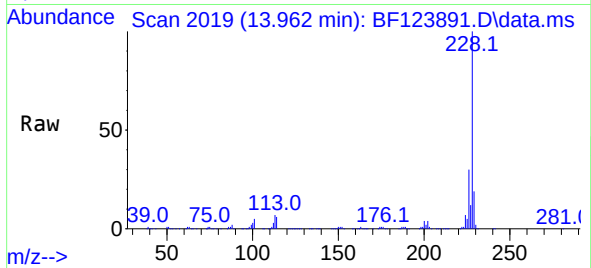
#83
Chrysene
Concen: 39.32 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:228 Resp: 763154
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 19.3 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
PB136256BS

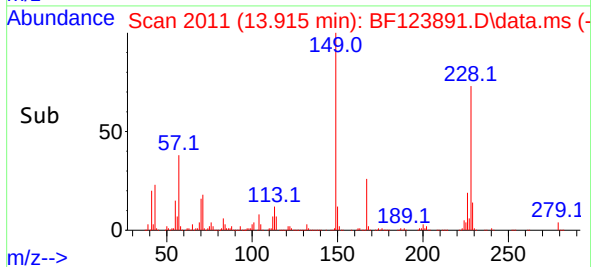
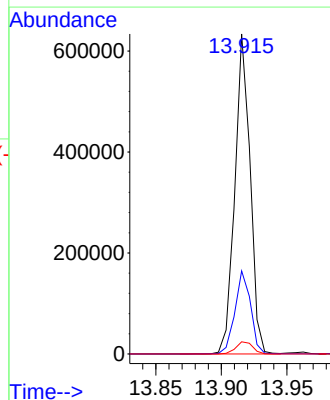
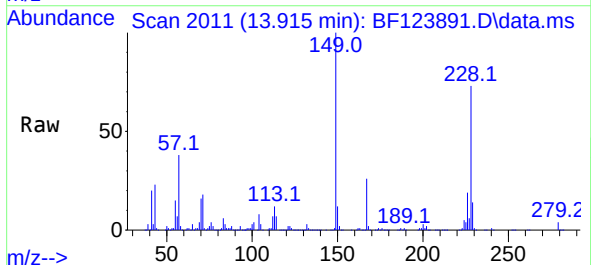
Manual Integrations
APPROVED

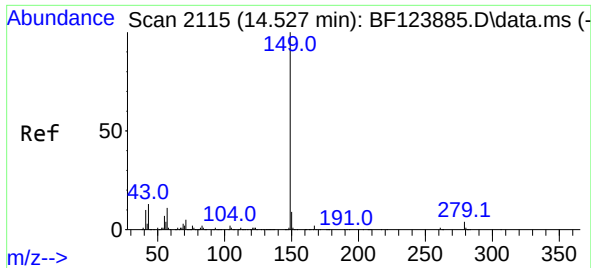
mohammad
5/11/2021 4:16:10 PM



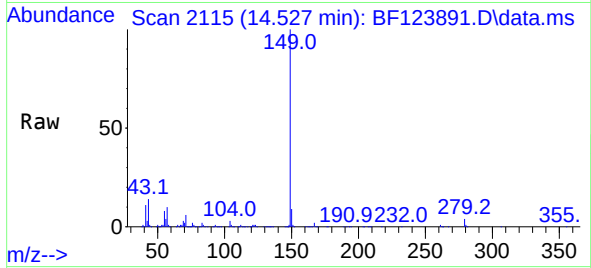
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.98 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion:149 Resp: 514851
Ion Ratio Lower Upper
149 100
167 25.9 21.8 32.6
279 3.8 3.3 4.9

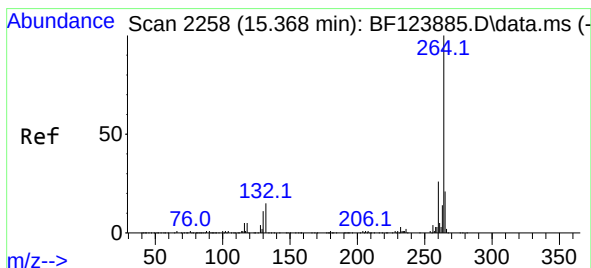
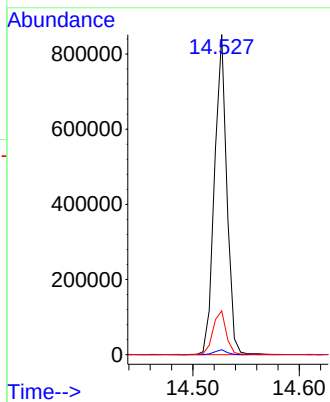
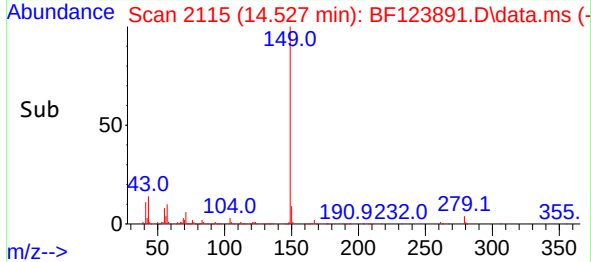




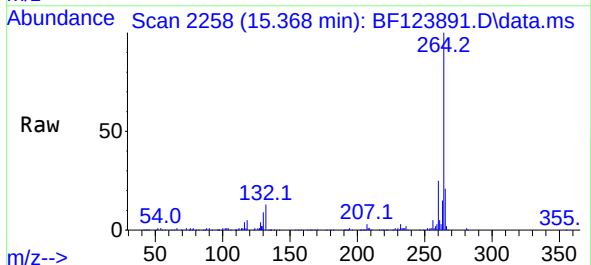
#85
Di-n-octyl phthalate
Concen: 44.32 ng
RT: 14.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



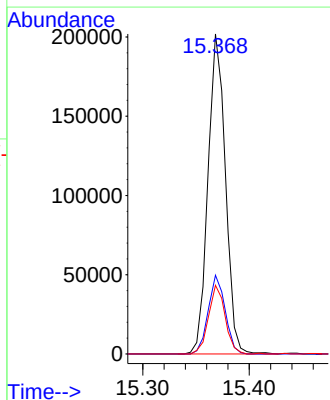
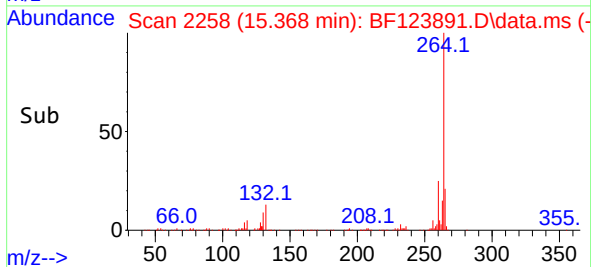
Tgt Ion:149 Resp: 685980
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.1 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



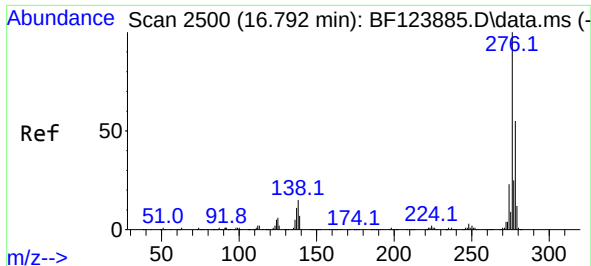
Tgt Ion:264 Resp: 229759
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.5 17.8 26.8



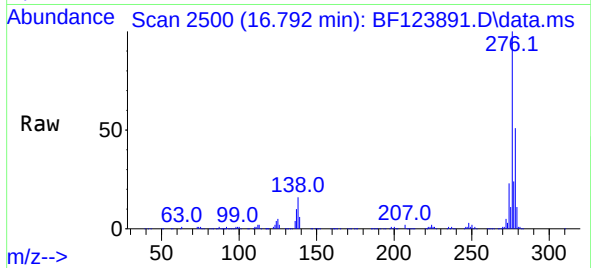
Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

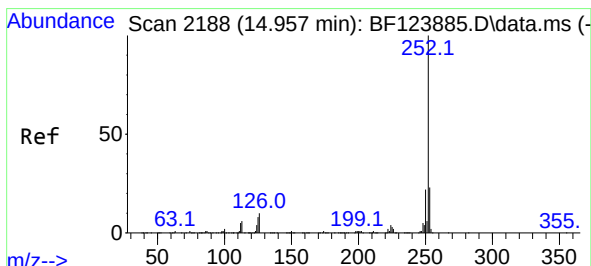
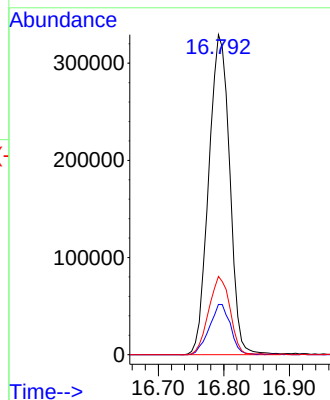
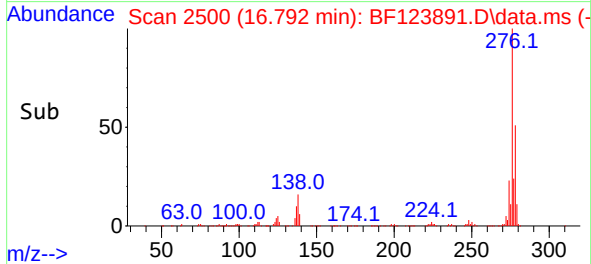
mohammad
5/11/2021 4:16:10 PM



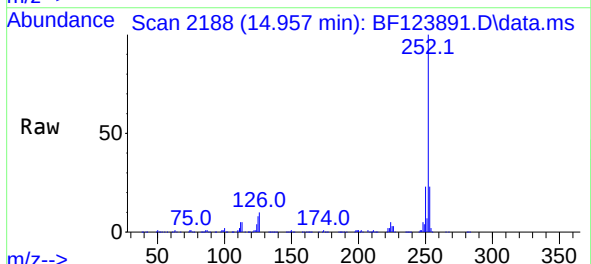
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.97 ng
RT: 16.792 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



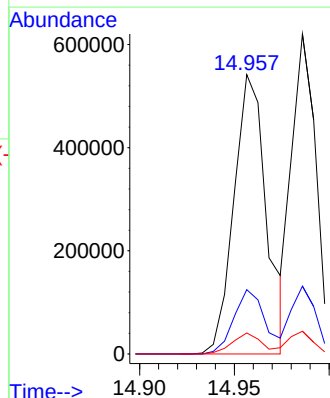
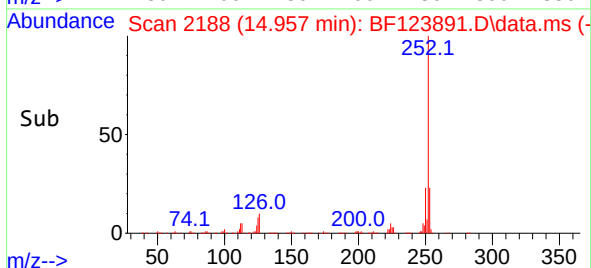
Tgt Ion: 276 Resp: 731515
Ion Ratio Lower Upper
276 100
138 15.8 16.2 24.2#
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 41.01 ng
RT: 14.957 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



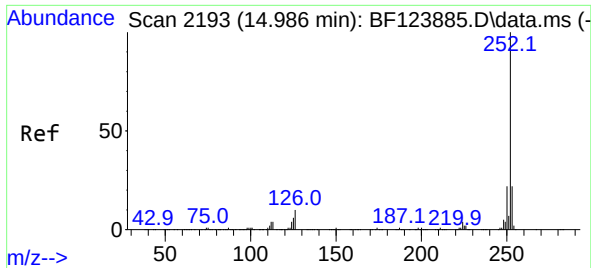
Tgt Ion: 252 Resp: 649059
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 7.5 6.2 9.4



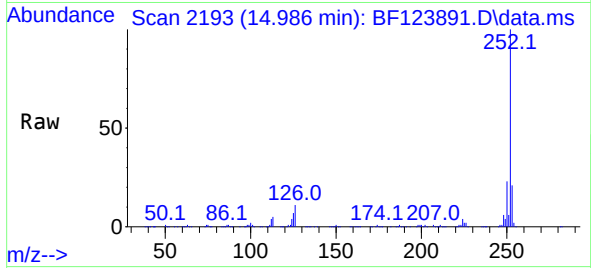
Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

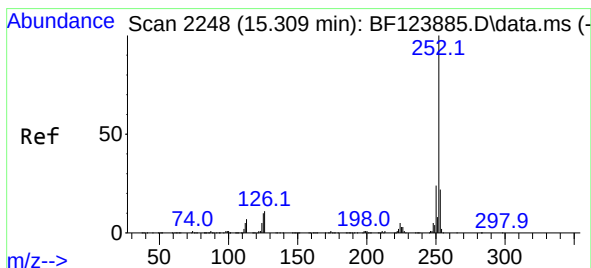
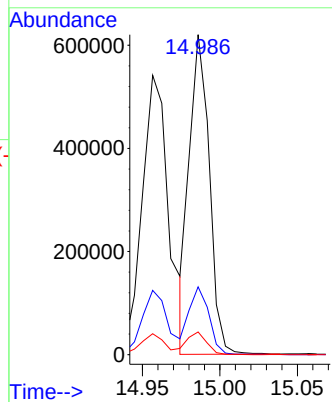
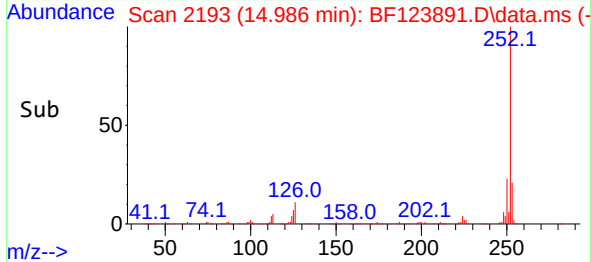
mohammad
5/11/2021 4:16:10 PM



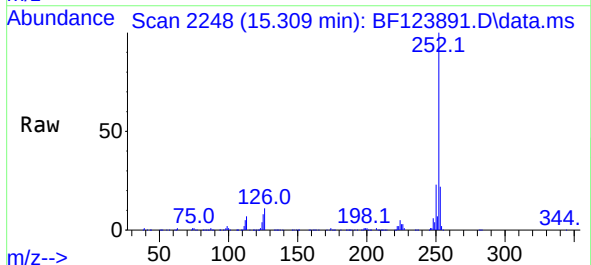
#89
Benzo(k)fluoranthene
Concen: 38.11 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



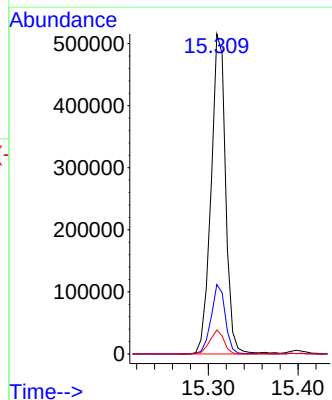
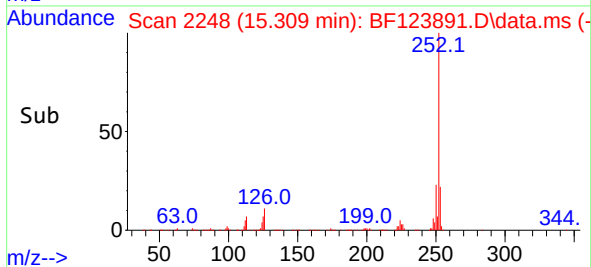
Tgt Ion:252 Resp: 556501
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 7.1 7.0 10.6



#90
Benzo(a)pyrene
Concen: 42.01 ng
RT: 15.309 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58



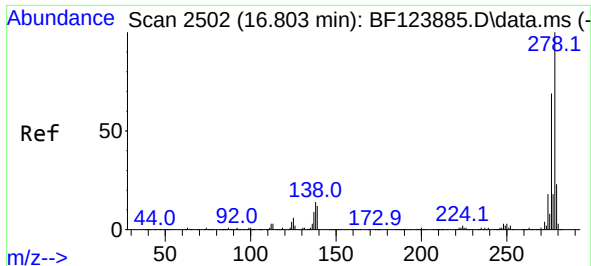
Tgt Ion:252 Resp: 580155
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 7.5 8.0 12.0#



Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM



#91
Dibenzo(a,h)anthracene
Concen: 44.84 ng
RT: 16.803 min Scan# 2502
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

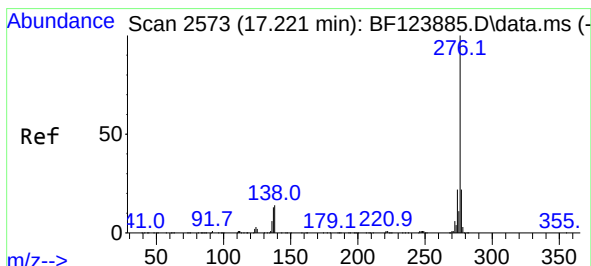
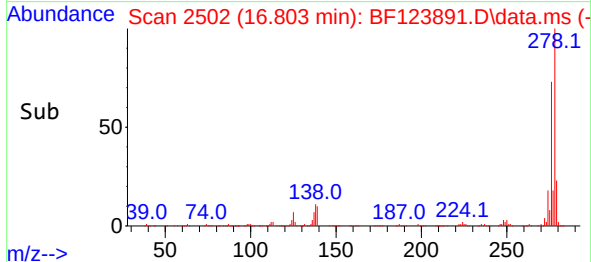
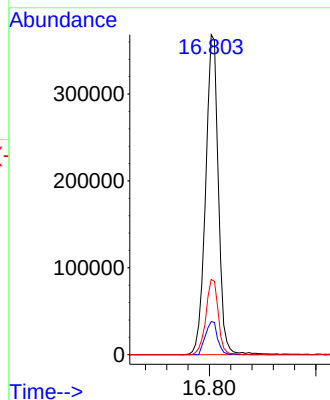
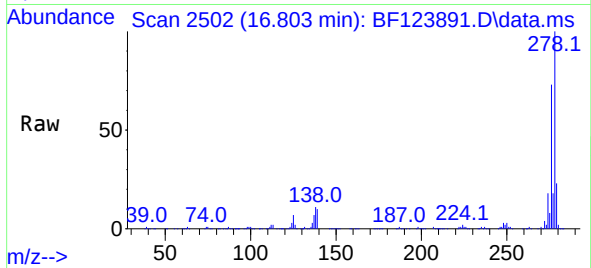
Tgt Ion: 278 Resp: 611275

Ion	Ratio	Lower	Upper
278	100		
139	10.4	10.2	15.2
279	23.5	19.4	29.0

Instrument :
BNA_F
ClientSampleId :
PB136256BS

Manual Integrations
APPROVED

mohammad
5/11/2021 4:16:10 PM



#92
Benzo(g,h,i)perylene
Concen: 41.10 ng
RT: 17.221 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BF123891.D
Acq: 10 May 2021 18:58

Tgt Ion: 276 Resp: 594626

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.2	27.2
138	13.5	13.8	20.6

