

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123700.D
 Acq On : 23 Apr 2021 18:50
 Operator : JU/CG
 Sample : M2151-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1MS

Manual Integrations
 APPROVED

mohammad
 4/26/2021 11:36:05 AM

Quant Time: Apr 26 01:46:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	212958	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	817164	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	389794	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	725234	20.00	ng	-0.01
76) Chrysene-d12	14.015	240	439159	20.00	ng	0.00
86) Perylene-d12	15.486	264	433436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1238660	94.01	ng	0.00
7) Phenol-d6	6.469	99	1620997	88.78	ng	0.00
23) Nitrobenzene-d5	7.392	82	1152407	64.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	441785	100.09	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1642163	62.80	ng	0.00
79) Terphenyl-d14	12.957	244	1513214	66.97	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	302276	43.91	ng	96
3) Pyridine	3.351	79	723582	42.99	ng	91
4) n-Nitrosodimethylamine	3.298	42	464528	46.57	ng	97
6) Aniline	6.486	93	416085	19.36	ng	# 20
8) 2-Chlorophenol	6.616	128	676958	47.83	ng	98
9) Benzaldehyde	6.381	77	627080	52.60	ng	97
10) Phenol	6.481	94	912514	47.06	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	672410	46.64	ng	97
12) 1,3-Dichlorobenzene	6.769	146	665836	45.76	ng	99
13) 1,4-Dichlorobenzene	6.845	146	676903	45.85	ng	98
14) 1,2-Dichlorobenzene	6.998	146	652369	47.02	ng	97
15) Benzyl Alcohol	6.975	79	676661	46.97	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1451646	44.60	ng	99
17) 2-Methylphenol	7.092	107	569357	46.82	ng	96
18) Hexachloroethane	7.345	117	274948	46.71	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	520557	43.04	ng	97
20) 3+4-Methylphenols	7.239	107	691848	44.59	ng	# 73
22) Acetophenone	7.239	105	1004484	44.32	ng	94
24) Nitrobenzene	7.410	77	817101	43.66	ng	97
25) Isophorone	7.651	82	1428371	41.42	ng	100
26) 2-Nitrophenol	7.733	139	352913	55.18	ng	92
27) 2,4-Dimethylphenol	7.769	122	604061	51.18	ng	97
28) bis(2-Chloroethoxy)met...	7.863	93	834045	48.20	ng	99
29) 2,4-Dichlorophenol	7.975	162	526635	45.83	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	550096	44.55	ng	98
31) Naphthalene	8.139	128	1882750	44.73	ng	99
32) Benzoic acid	7.892	122	311923	40.51	ng	91
33) 4-Chloroaniline	8.180	127	116191	6.72	ng	97
34) Hexachlorobutadiene	8.257	225	334833	43.21	ng	98
35) Caprolactam	8.557	113	185540m	46.25	ng	
36) 4-Chloro-3-methylphenol	8.675	107	668981	44.88	ng	96
37) 2-Methylnaphthalene	8.833	142	1213716	43.97	ng	99
38) 1-Methylnaphthalene	8.933	142	1121529	42.95	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	522010	48.52	ng	99
41) Hexachlorocyclopentadiene	8.986	237	565344	101.13	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	365558	50.08	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123700.D
 Acq On : 23 Apr 2021 18:50
 Operator : JU/CG
 Sample : M2151-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1MS

Manual Integrations
 APPROVED

mohammad
 4/26/2021 11:36:05 AM

Quant Time: Apr 26 01:46:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	383183	48.01	ng	94
46) 1,1'-Biphenyl	9.298	154	1471087	48.22	ng	98
47) 2-Chloronaphthalene	9.322	162	1079736	47.03	ng	99
48) 2-Nitroaniline	9.416	65	490256	51.25	ng	92
49) Acenaphthylene	9.739	152	1798089	47.88	ng	99
50) Dimethylphthalate	9.598	163	1282827	47.64	ng	99
51) 2,6-Dinitrotoluene	9.663	165	277528	46.95	ng	86
52) Acenaphthene	9.910	154	1225814m	50.87	ng	
53) 3-Nitroaniline	9.822	138	87621	12.78	ng	97
54) 2,4-Dinitrophenol	9.939	184	273454	105.31	ng	91
55) Dibenzofuran	10.086	168	1581233	45.75	ng	97
56) 4-Nitrophenol	10.004	139	473116	90.04	ng	95
57) 2,4-Dinitrotoluene	10.069	165	380713	48.22	ng	98
58) Fluorene	10.427	166	1214527	44.70	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	302867	47.66	ng	98
60) Diethylphthalate	10.304	149	1308978	44.40	ng	97
61) 4-Chlorophenyl-phenyle...	10.416	204	567424	45.25	ng	97
62) 4-Nitroaniline	10.445	138	301709	43.57	ng	99
63) Azobenzene	10.580	77	1472179	44.08	ng	98
65) 4,6-Dinitro-2-methylph...	10.474	198	183990	48.62	ng	90
66) n-Nitrosodiphenylamine	10.539	169	1092463	47.06	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	354719	46.79	ng	99
68) Hexachlorobenzene	10.980	284	399303	46.73	ng	# 91
69) Atrazine	11.069	200	338417	46.77	ng	98
70) Pentachlorophenol	11.174	266	388338	86.98	ng	97
71) Phenanthrene	11.392	178	1726451	45.61	ng	100
72) Anthracene	11.445	178	1773248	46.88	ng	100
73) Carbazole	11.598	167	1671137	44.26	ng	99
74) Di-n-butylphthalate	11.933	149	1939806	42.45	ng	98
75) Fluoranthene	12.580	202	1766489	42.47	ng	99
77) Benzidine	12.698	184	565695	47.39	ng	99
78) Pyrene	12.810	202	1771336	55.27	ng	99
80) Butylbenzylphthalate	13.433	149	678097	45.03	ng	99
81) Benzo(a)anthracene	14.004	228	1192821	44.32	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	77164	8.98	ng	# 95
83) Chrysene	14.039	228	1217478	45.05	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	767700	38.33	ng	98
85) Di-n-octyl phthalate	14.609	149	1294754	40.17	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	1444882	62.48	ng	99
88) Benzo(b)fluoranthene	15.057	252	1265522	41.35	ng	98
89) Benzo(k)fluoranthene	15.086	252	1079559	39.18	ng	99
90) Benzo(a)pyrene	15.427	252	1152233	47.34	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	1207791	61.75	ng	100
92) Benzo(g,h,i)perylene	17.409	276	1273754	61.56	ng	98

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

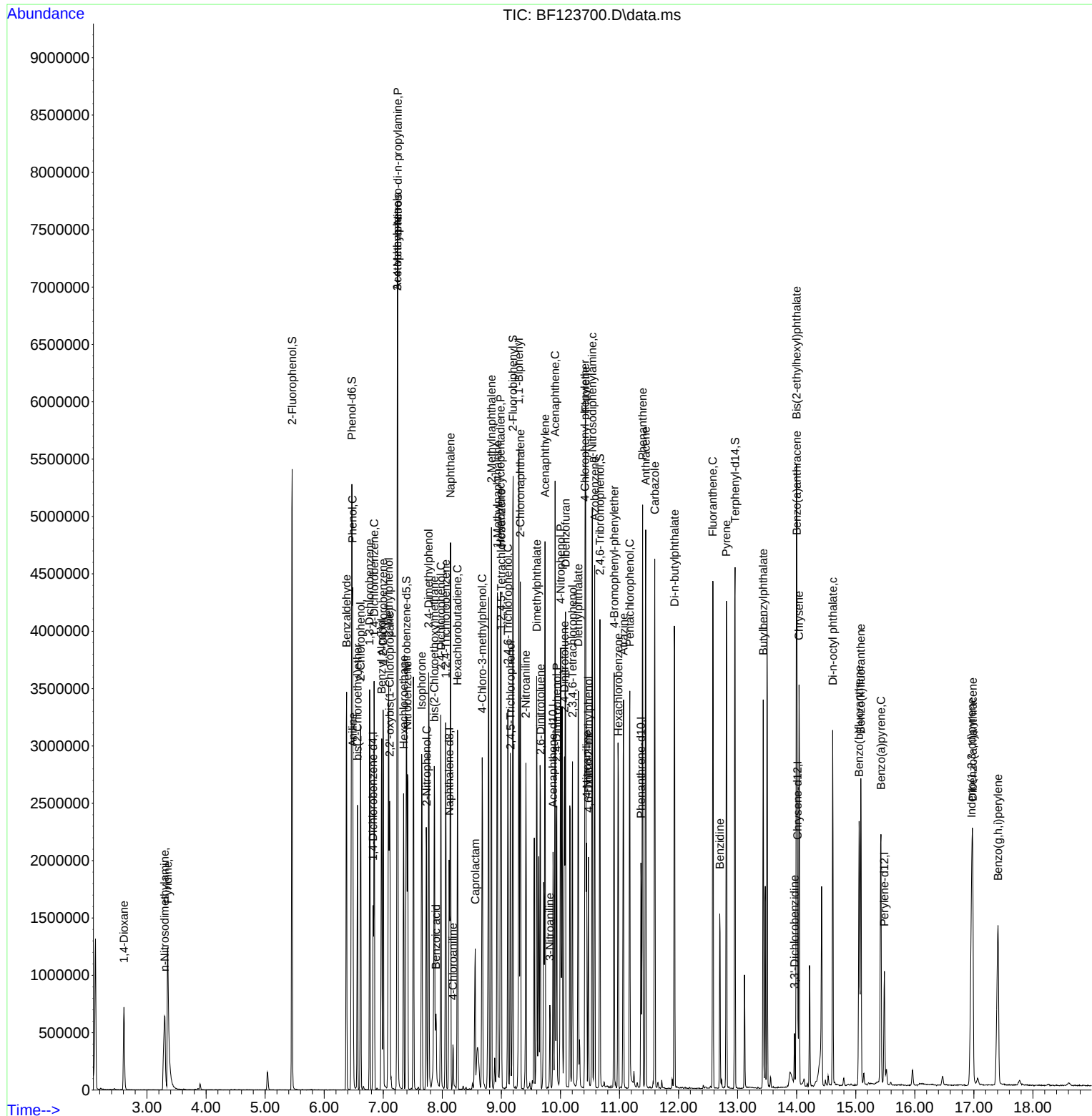
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123700.D
 Acq On : 23 Apr 2021 18:50
 Operator : JU/CG
 Sample : M2151-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

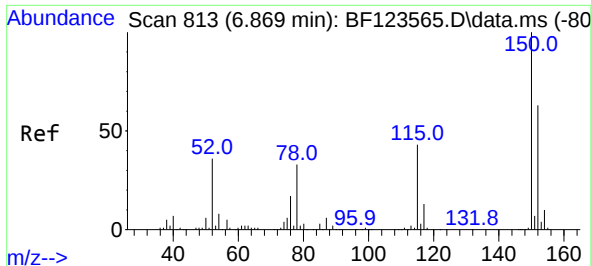
Instrument :
 BNA_F
 ClientSampleId :
 PE-1MS

Manual Integrations
 APPROVED

mohammad
 4/26/2021 11:36:05 AM

Quant Time: Apr 26 01:46:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration





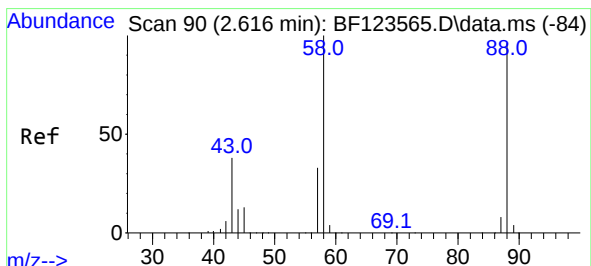
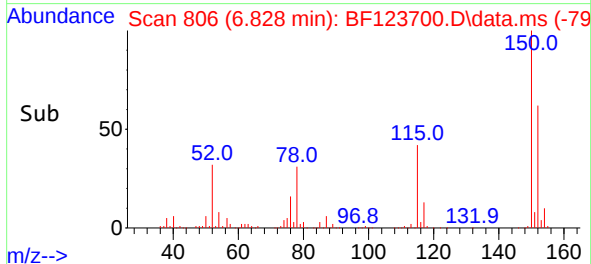
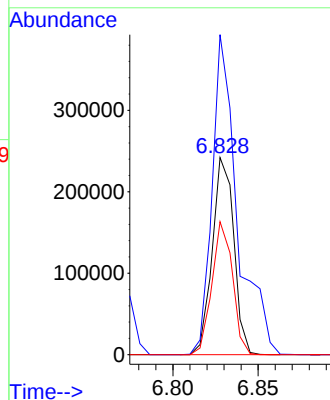
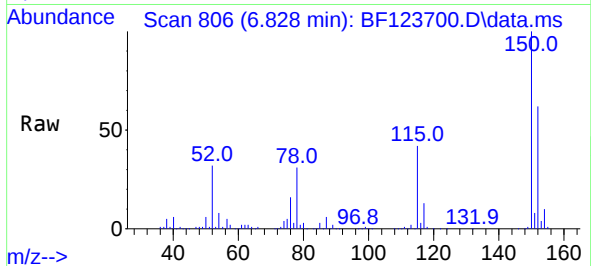
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 152 Resp: 212958
Ion Ratio Lower Upper
152 100
150 162.3 127.0 190.6
115 67.5 54.3 81.5

Instrument :
BNA_F
ClientSampled :
PE-1MS

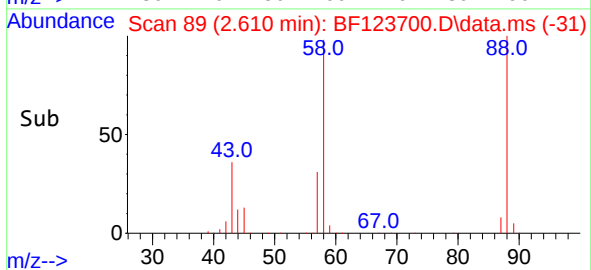
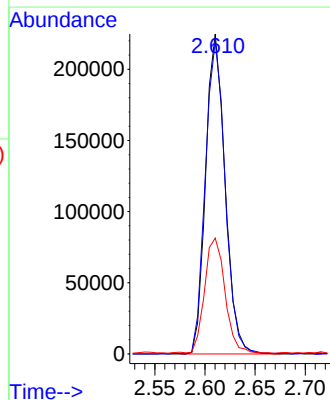
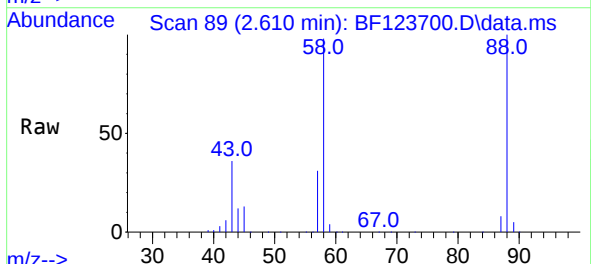
Manual Integrations
APPROVED

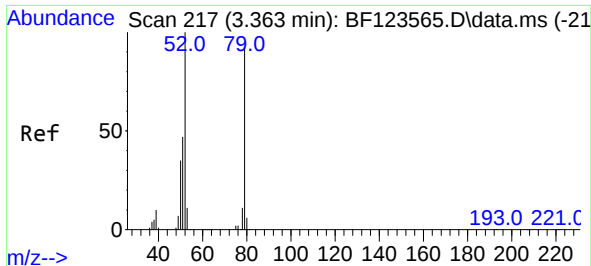
mohammad
4/26/2021 11:36:05 AM



#2
1,4-Dioxane
Concen: 43.91 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.041 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 88 Resp: 302276
Ion Ratio Lower Upper
88 100
58 100.4 83.8 125.8
43 38.1 32.2 48.4





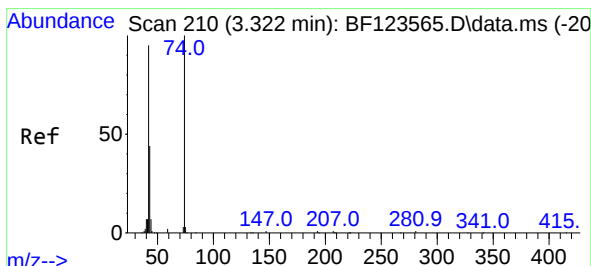
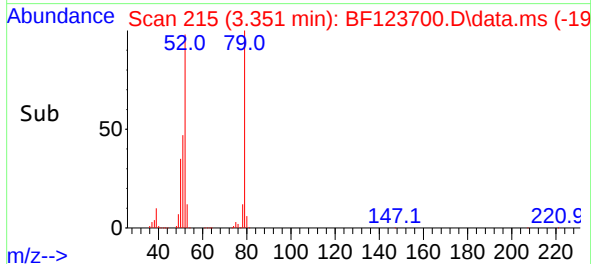
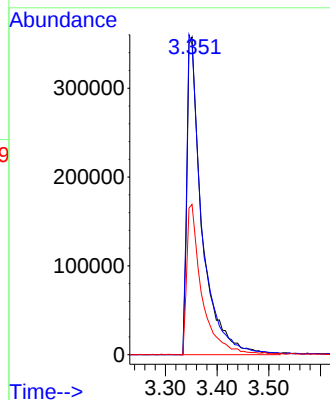
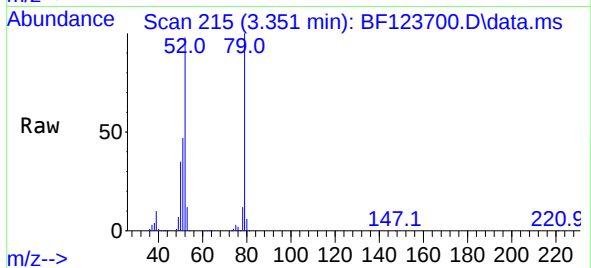
#3
Pyridine
Concen: 42.99 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.035 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 79 Resp: 723582
Ion Ratio Lower Upper
79 100
52 97.7 87.4 131.0
51 47.3 41.4 62.0

Instrument :
BNA_F
ClientSampleId :
PE-1MS

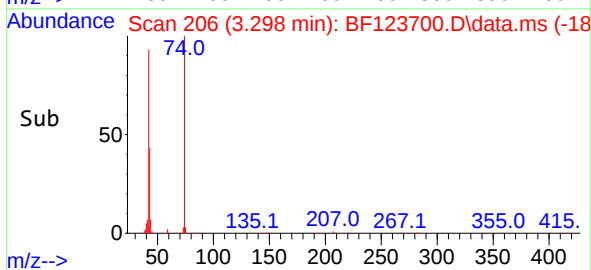
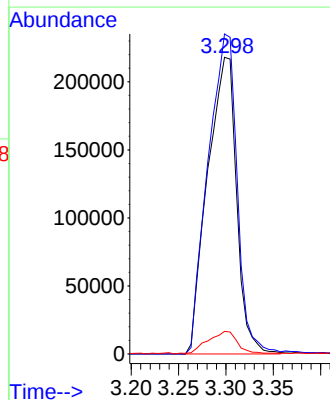
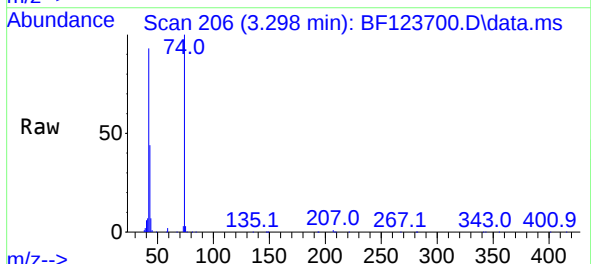
Manual Integrations
APPROVED

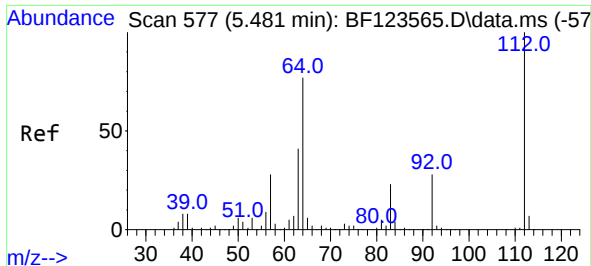
mohammad
4/26/2021 11:36:05 AM



#4
n-Nitrosodimethylamine
Concen: 46.57 ng
RT: 3.298 min Scan# 206
Delta R.T. 0.029 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 42 Resp: 464528
Ion Ratio Lower Upper
42 100
74 107.9 83.5 125.3
44 7.6 5.7 8.5





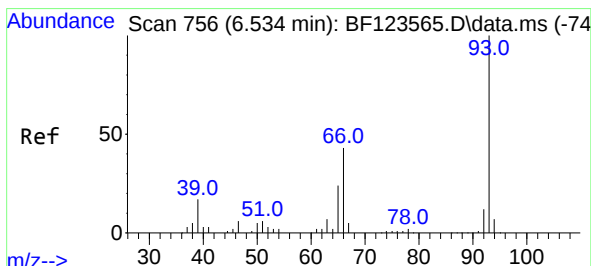
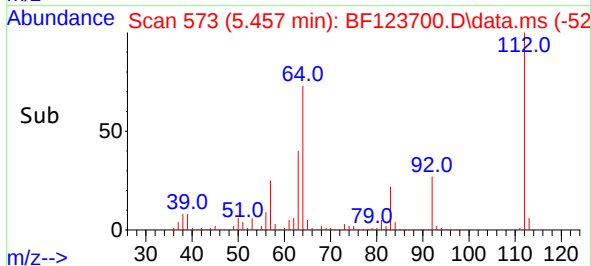
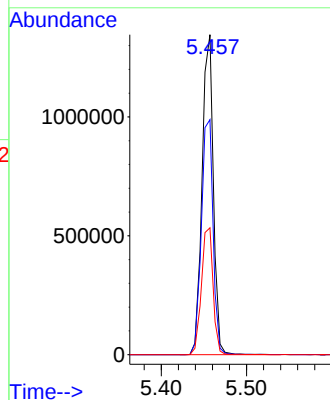
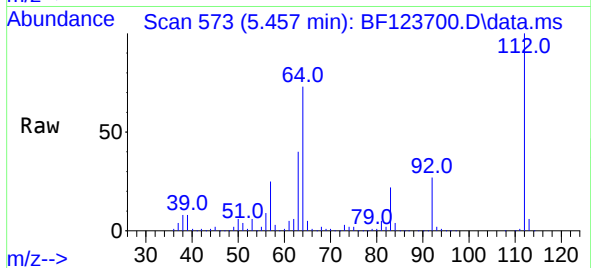
#5
2-Fluorophenol
Concen: 94.01 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 112 Resp: 1238660
Ion Ratio Lower Upper
112 100
64 73.4 61.4 92.0
63 39.7 33.0 49.4

Instrument :
BNA_F
ClientSampled :
PE-1MS

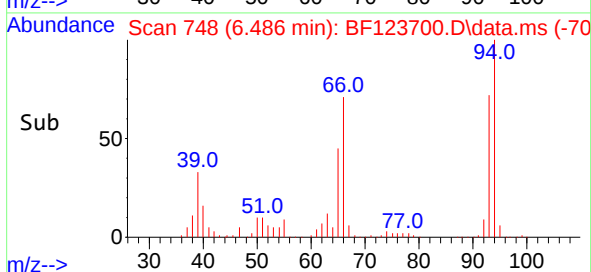
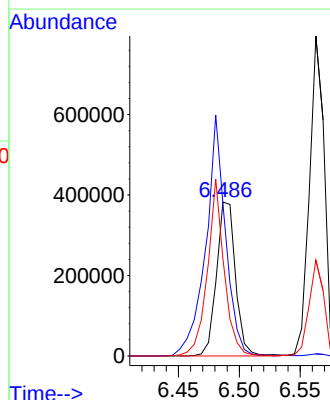
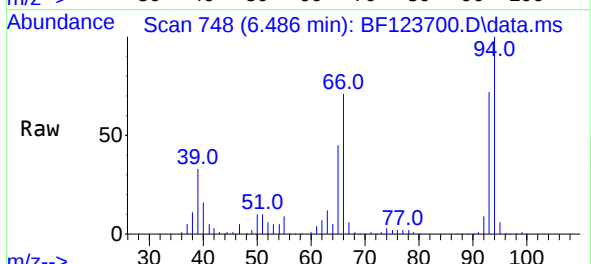
Manual Integrations
APPROVED

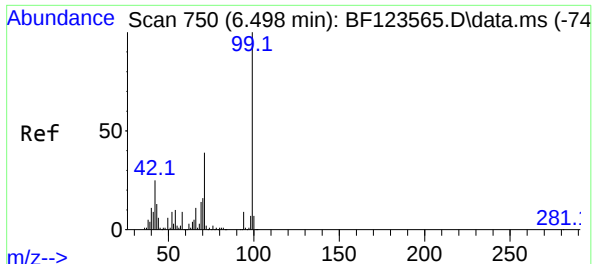
mohammad
4/26/2021 11:36:05 AM



#6
Aniline
Concen: 19.36 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 93 Resp: 416085
Ion Ratio Lower Upper
93 100
66 98.9 36.4 54.6#
65 63.2 19.4 29.0#





#7
Phenol-d6
Concen: 88.78 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

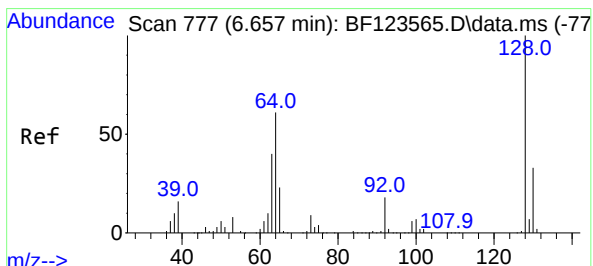
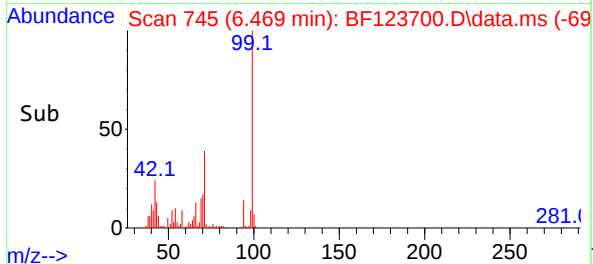
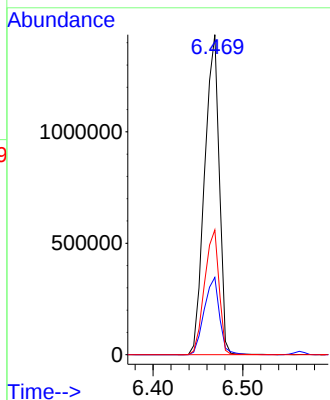
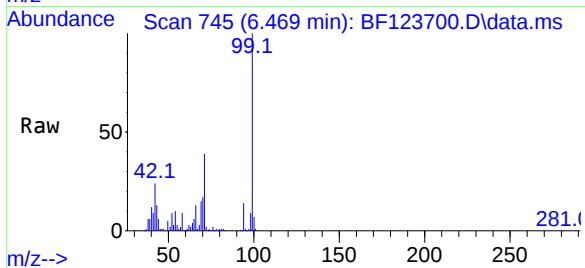
Tgt Ion: 99 Resp: 1620997

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.8	29.8
71	39.0	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

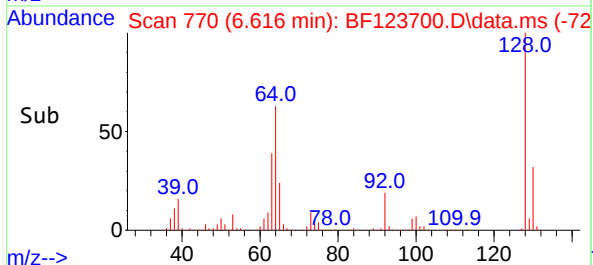
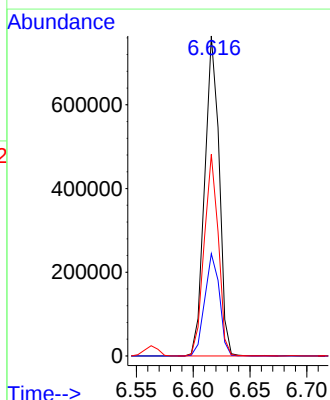
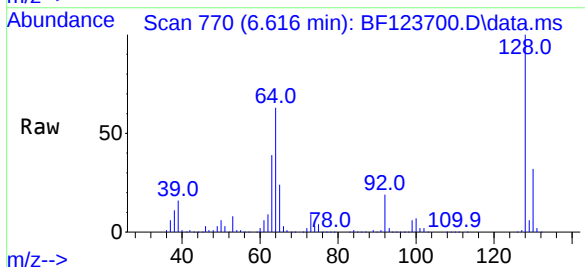
mohammad
4/26/2021 11:36:05 AM

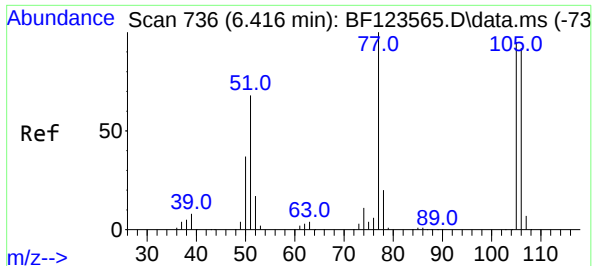


#8
2-Chlorophenol
Concen: 47.83 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 128 Resp: 676958

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	63.0	41.5	81.5





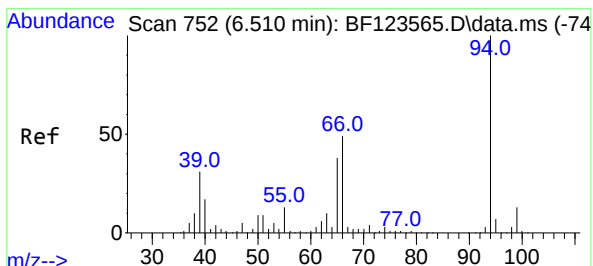
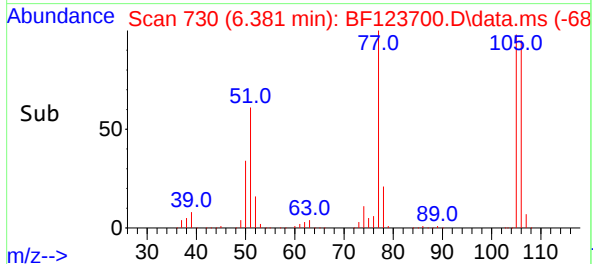
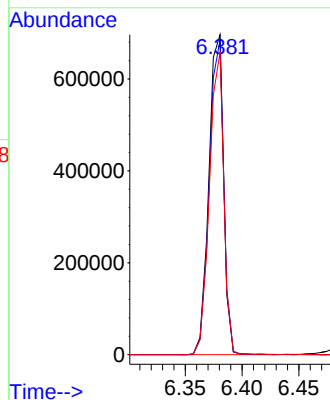
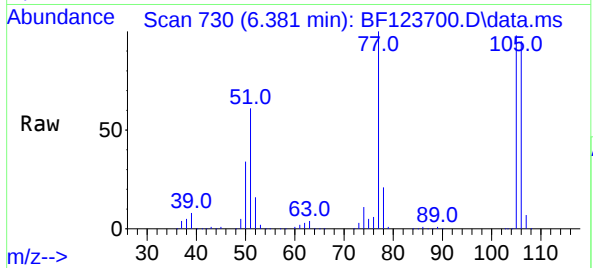
#9
Benzaldehyde
Concen: 52.60 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:	77	Resp:	627080
Ion	Ratio	Lower	Upper
77	100		
105	98.4	75.2	115.2
106	94.6	71.6	111.6

Instrument :
BNA_F
ClientSampled :
PE-1MS

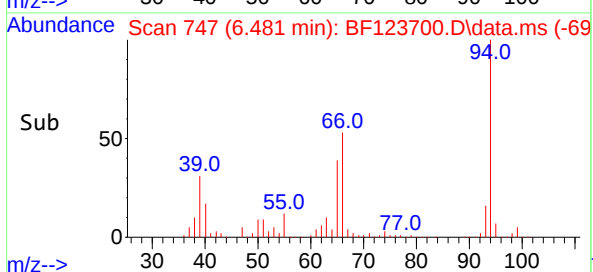
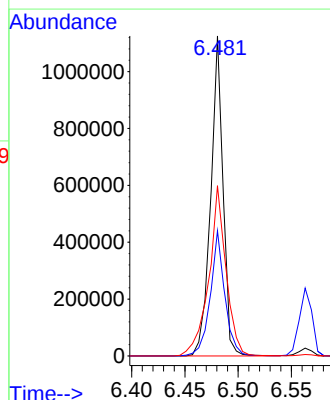
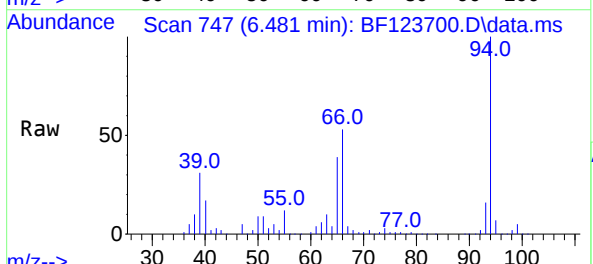
Manual Integrations
APPROVED

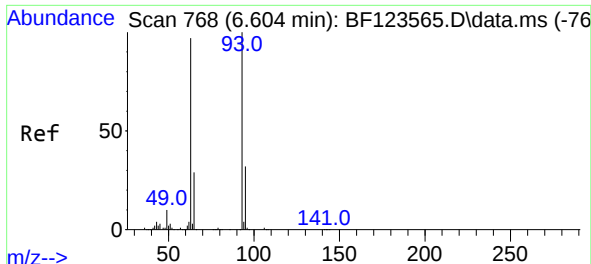
mohammad
4/26/2021 11:36:05 AM



#10
Phenol
Concen: 47.06 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:	94	Resp:	912514
Ion	Ratio	Lower	Upper
94	100		
65	39.1	18.1	58.1
66	53.2	29.0	69.0





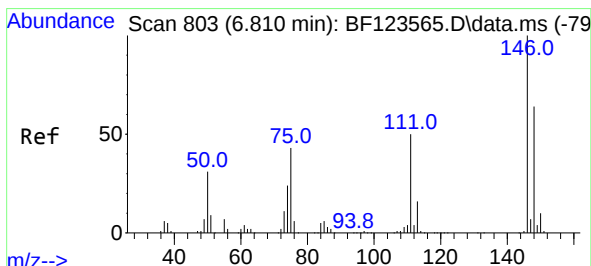
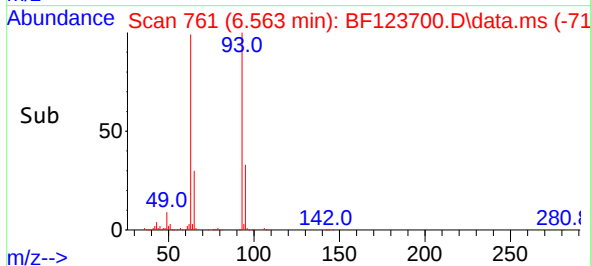
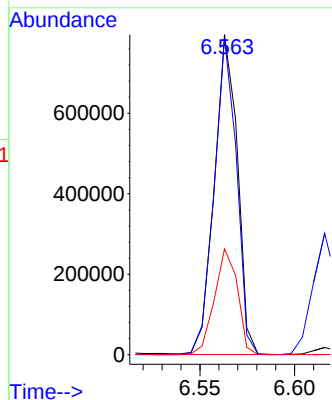
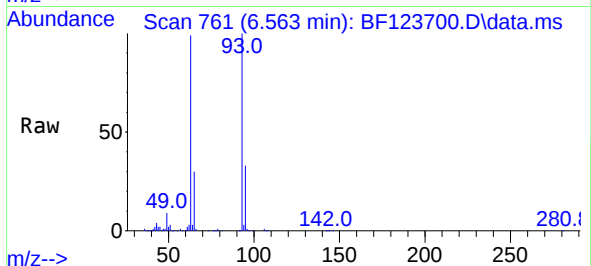
#11
bis(2-Chloroethyl)ether
Concen: 46.64 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 93 Resp: 672410
Ion Ratio Lower Upper
93 100
63 99.0 76.1 116.1
95 33.0 11.5 51.5

Instrument :
BNA_F
ClientSampled :
PE-1MS

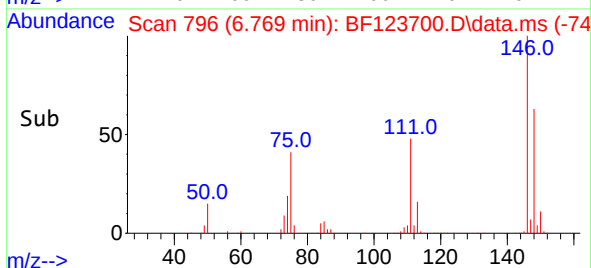
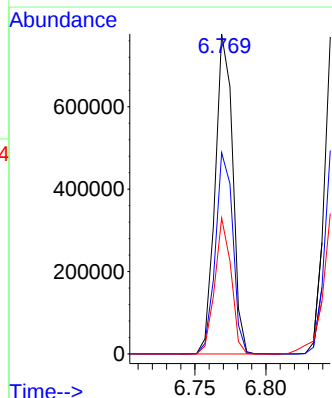
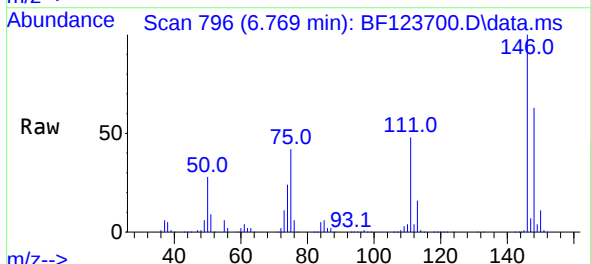
Manual Integrations
APPROVED

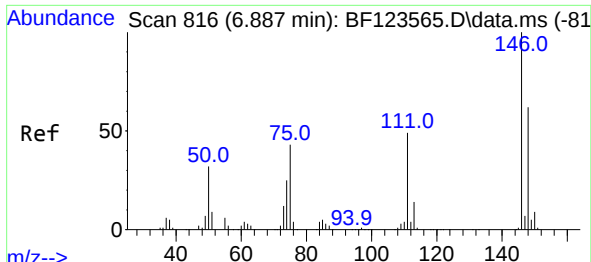
mohammad
4/26/2021 11:36:05 AM



#12
1,3-Dichlorobenzene
Concen: 45.76 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 146 Resp: 665836
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
75 42.5 34.2 51.4





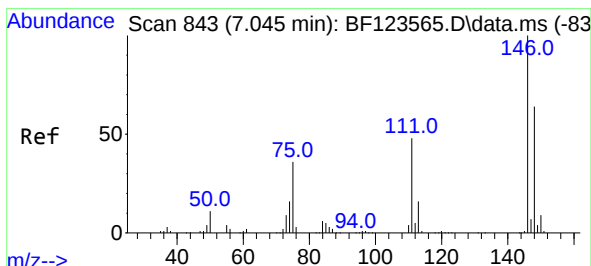
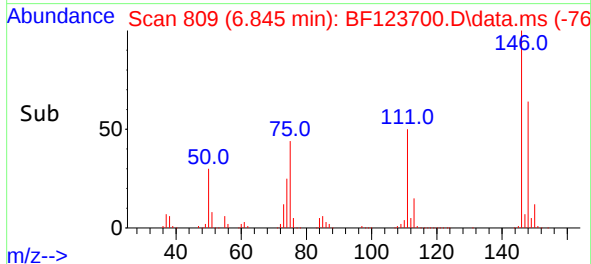
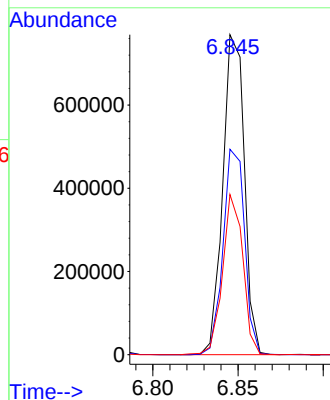
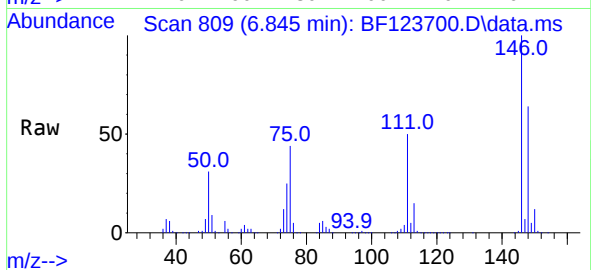
#13
1,4-Dichlorobenzene
Concen: 45.85 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:146 Resp: 676903
Ion Ratio Lower Upper
146 100
148 64.2 49.9 74.9
111 50.0 39.5 59.3

Instrument :
BNA_F
ClientSampled :
PE-1MS

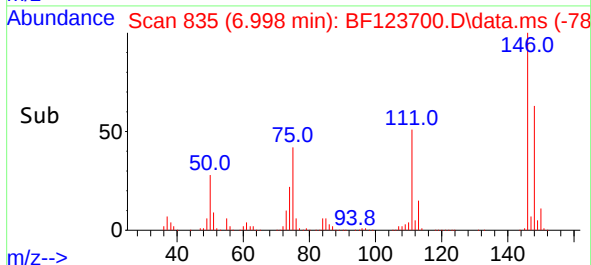
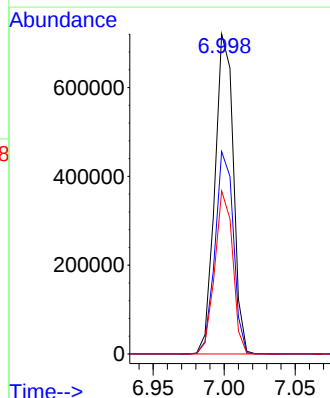
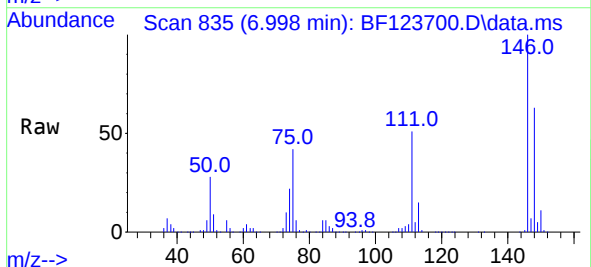
Manual Integrations
APPROVED

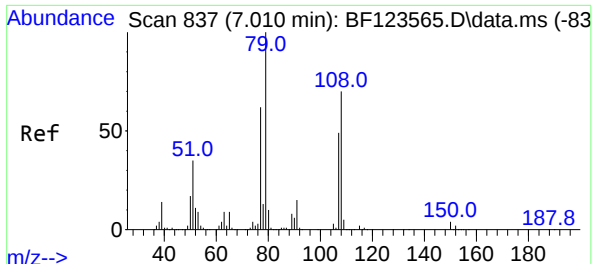
mohammad
4/26/2021 11:36:05 AM



#14
1,2-Dichlorobenzene
Concen: 47.02 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

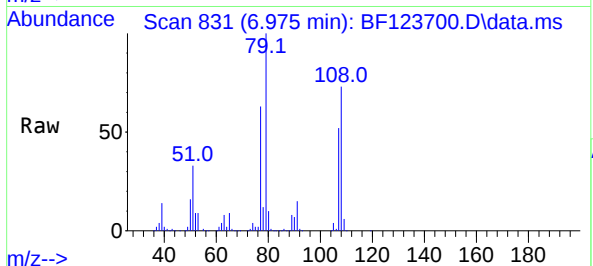
Tgt Ion:146 Resp: 652369
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 51.0 38.4 57.6





#15
Benzyl Alcohol
Concen: 46.97 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

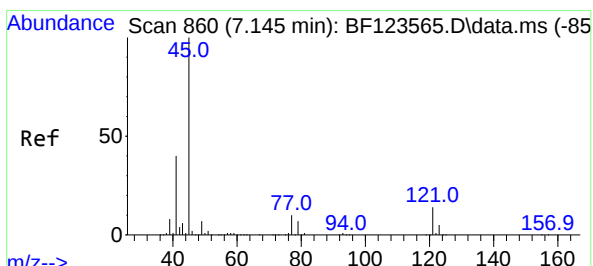
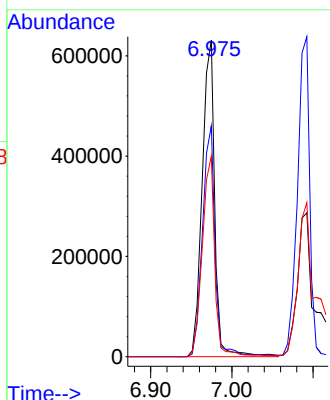
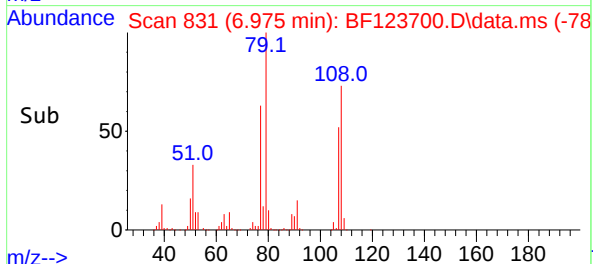
Instrument :
BNA_F
ClientSampled :
PE-1MS



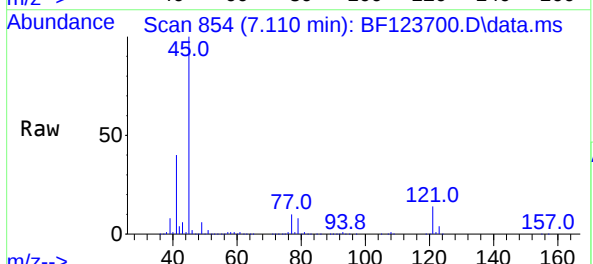
Tgt Ion: 79 Resp: 676661
Ion Ratio Lower Upper
79 100
108 72.9 55.8 83.8
77 63.3 49.9 74.9

Manual Integrations
APPROVED

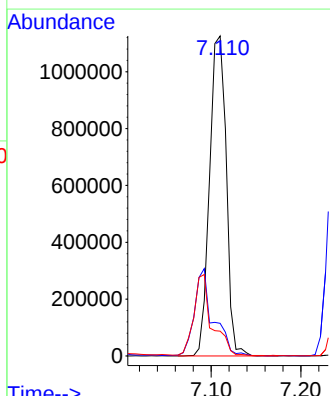
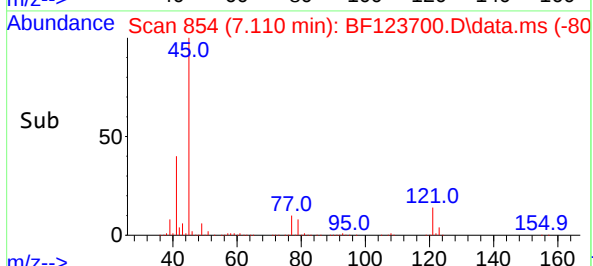
mohammad
4/26/2021 11:36:05 AM

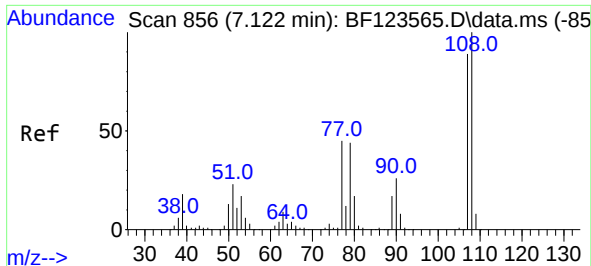


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.60 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion: 45 Resp: 1451646
Ion Ratio Lower Upper
45 100
77 10.2 0.0 30.0
79 7.8 0.0 27.3





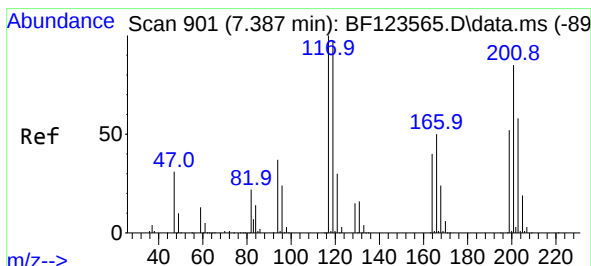
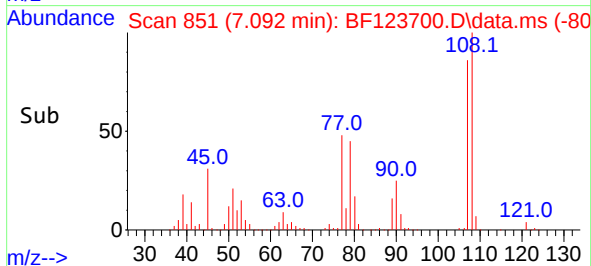
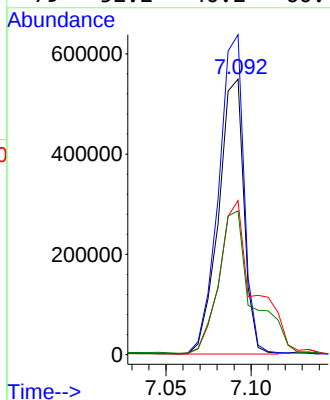
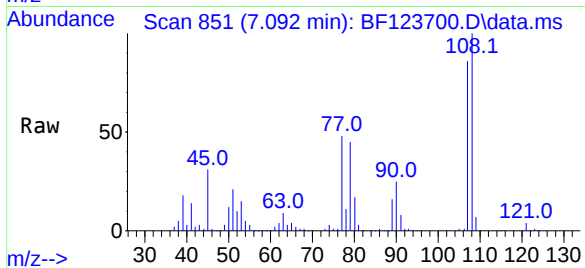
#17
2-Methylphenol
Concen: 46.82 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:	107	Resp:	569357
Ion	Ratio	Lower	Upper
107	100		
108	116.1	89.8	134.8
77	55.9	40.9	61.3
79	52.2	40.2	60.4

Instrument :
BNA_F
ClientSampleId :
PE-1MS

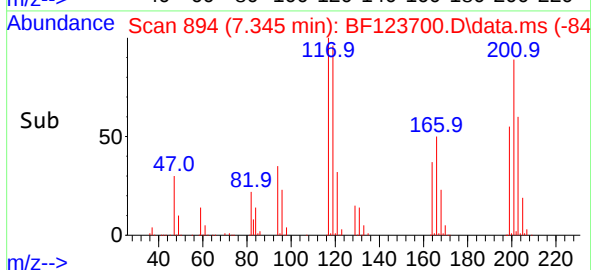
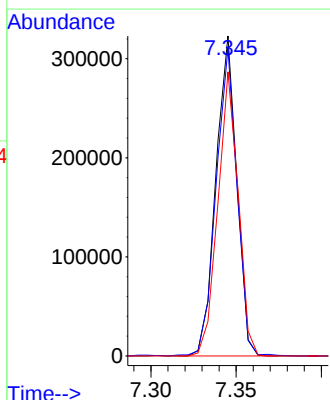
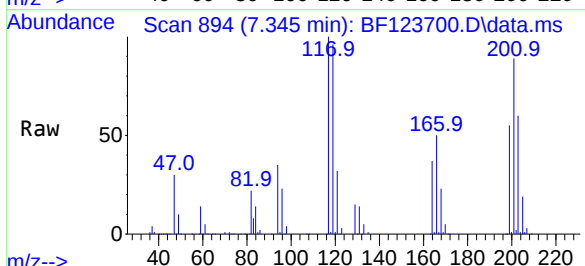
Manual Integrations
APPROVED

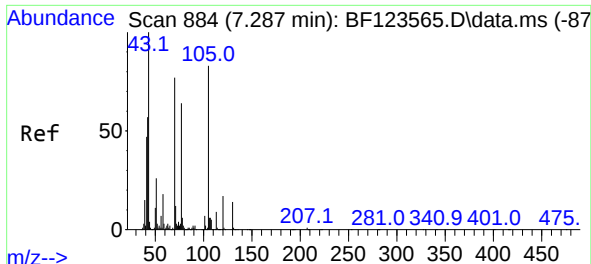
mohammad
4/26/2021 11:36:05 AM



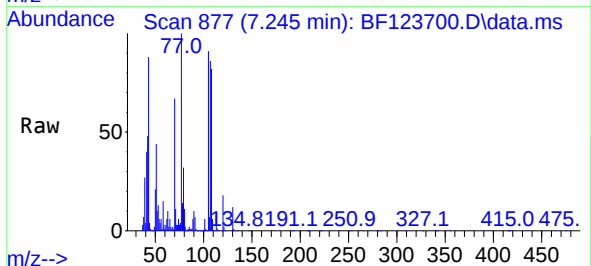
#18
Hexachloroethane
Concen: 46.71 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:	117	Resp:	274948
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.8	116.8
201	88.8	67.8	101.8

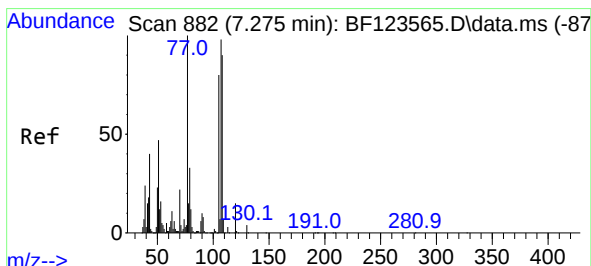
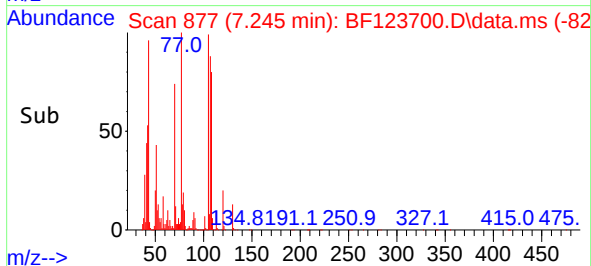
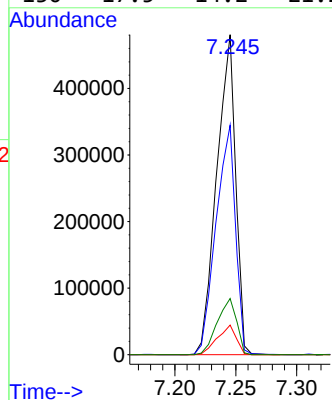




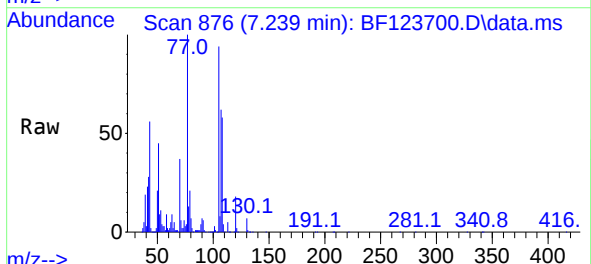
#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



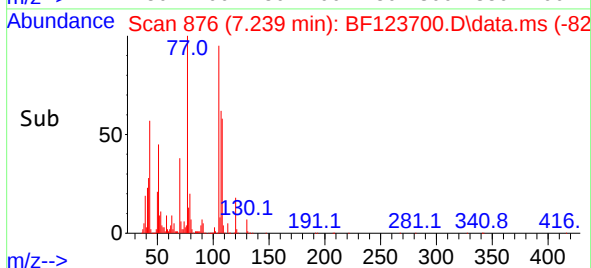
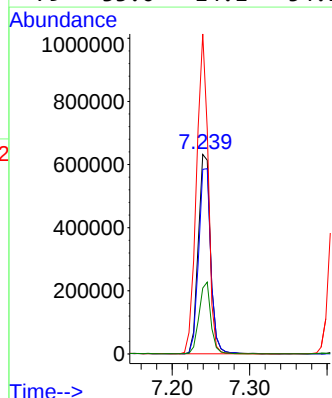
Tgt Ion: 70 Resp: 520557
Ion Ratio Lower Upper
70 100
42 71.7 60.1 90.1
101 9.2 7.4 11.2
130 17.5 14.2 21.2



#20
3+4-Methylphenols
Concen: 44.59 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



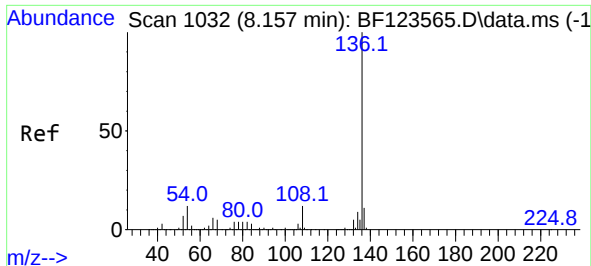
Tgt Ion: 107 Resp: 691848
Ion Ratio Lower Upper
107 100
108 92.5 71.5 111.5
77 160.3 82.0 122.0#
79 33.0 14.1 54.1



Instrument :
BNA_F
ClientSampleId :
PE-1MS

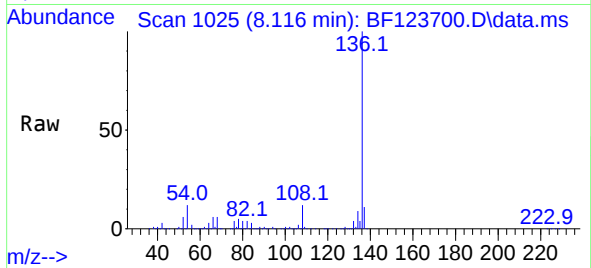
Manual Integrations
APPROVED

mohammad
4/26/2021 11:36:05 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

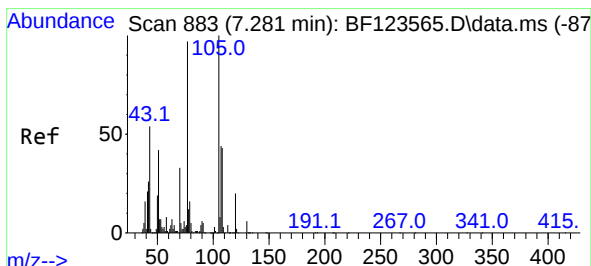
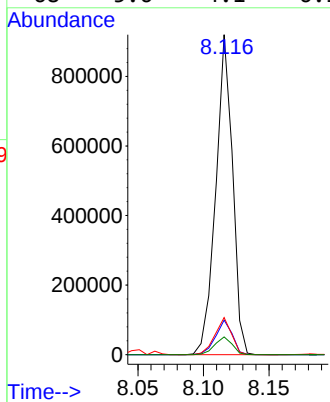
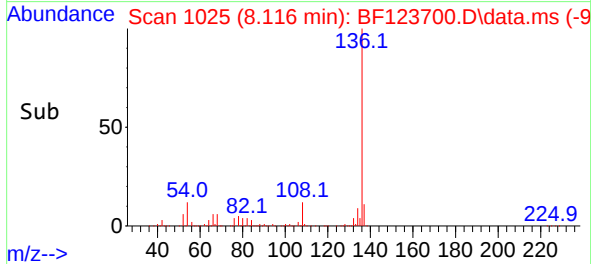
Instrument :
BNA_F
ClientSampleId :
PE-1MS



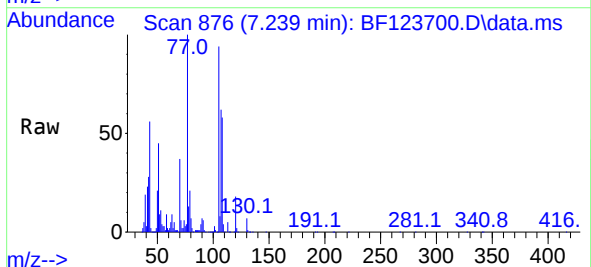
Tgt Ion:136 Resp: 817164
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.6 9.8 14.6
68 5.6 4.1 6.1

Manual Integrations
APPROVED

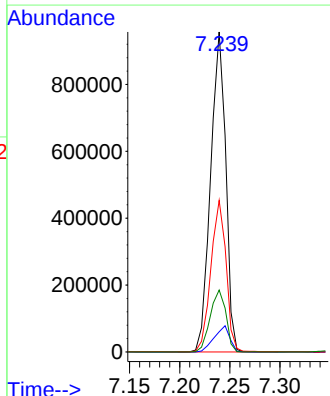
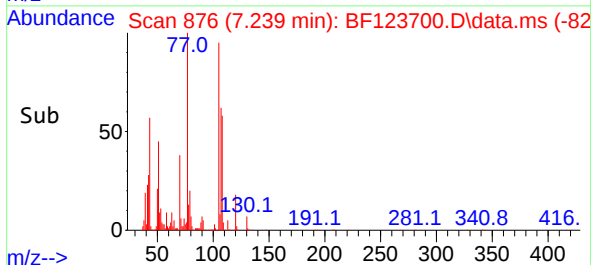
mohammad
4/26/2021 11:36:05 AM

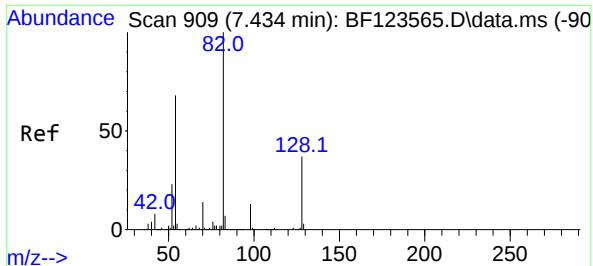


#22
Acetophenone
Concen: 44.32 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:105 Resp: 1004484
Ion Ratio Lower Upper
105 100
71 6.3 4.2 6.4
51 47.4 33.6 50.4
120 19.4 16.3 24.5





#23

Nitrobenzene-d5

Concen: 64.83 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123700.D

Acq: 23 Apr 2021 18:50

Tgt Ion: 82 Resp: 1152407

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	65.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

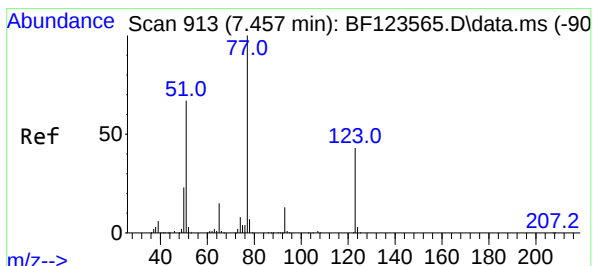
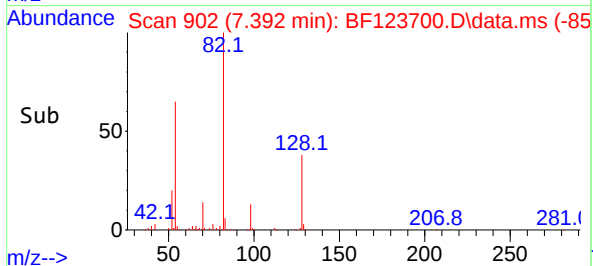
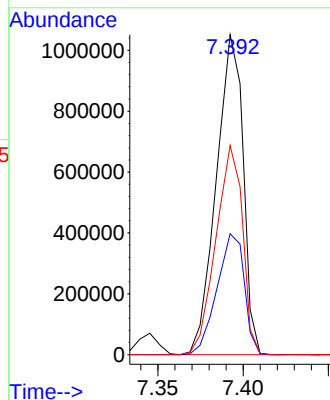
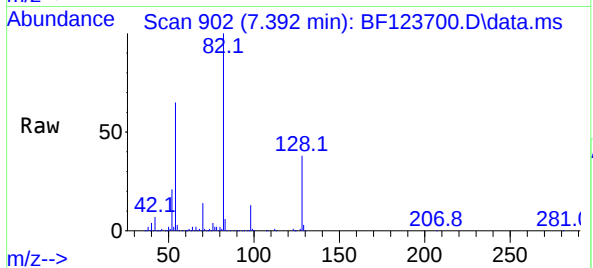
PE-1MS

Manual Integrations

APPROVED

mohammad

4/26/2021 11:36:05 AM



#24

Nitrobenzene

Concen: 43.66 ng

RT: 7.410 min Scan# 905

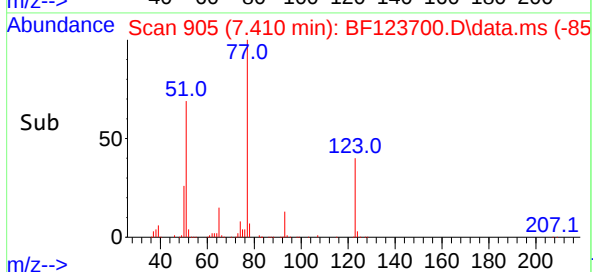
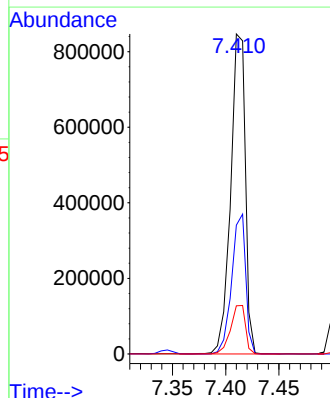
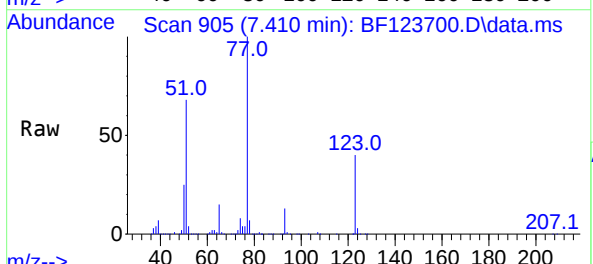
Delta R.T. -0.012 min

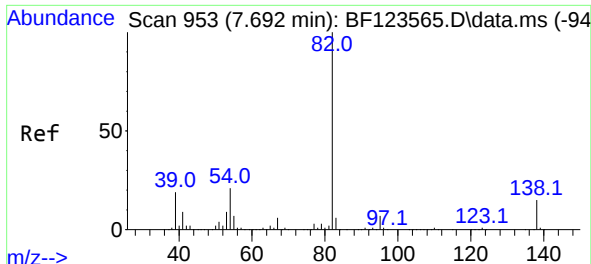
Lab File: BF123700.D

Acq: 23 Apr 2021 18:50

Tgt Ion: 77 Resp: 817101

Ion	Ratio	Lower	Upper
77	100		
123	40.3	34.5	51.7
65	15.1	12.2	18.2





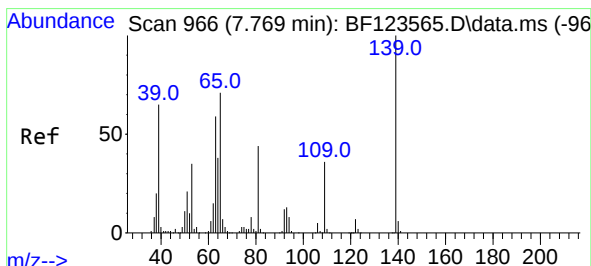
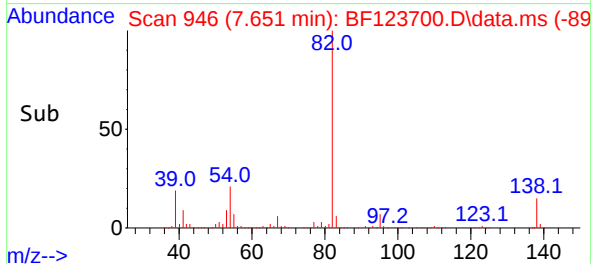
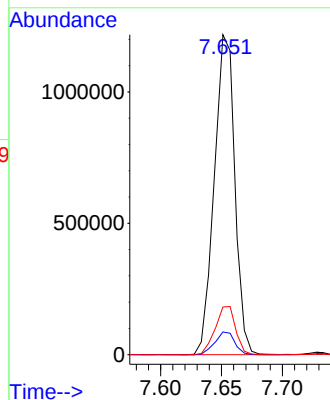
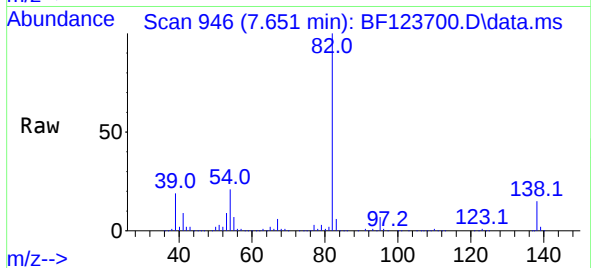
#25
Isophorone
Concen: 41.42 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 82 Resp: 1428371
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 14.9 11.8 17.8

Instrument :
BNA_F
ClientSampled :
PE-1MS

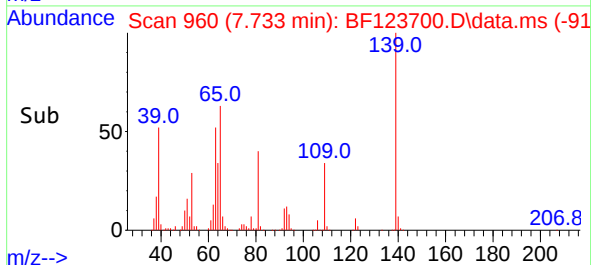
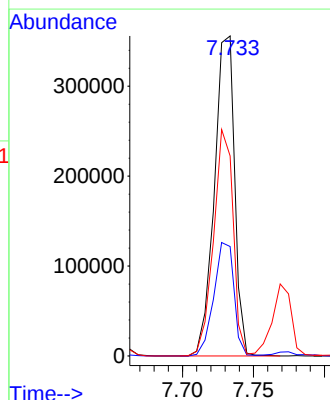
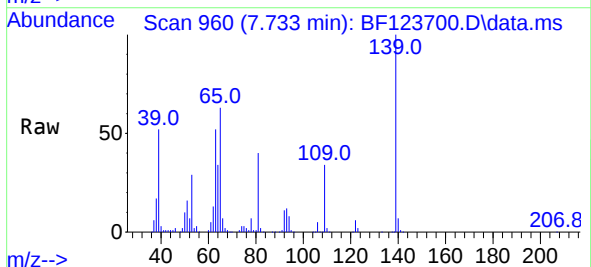
Manual Integrations
APPROVED

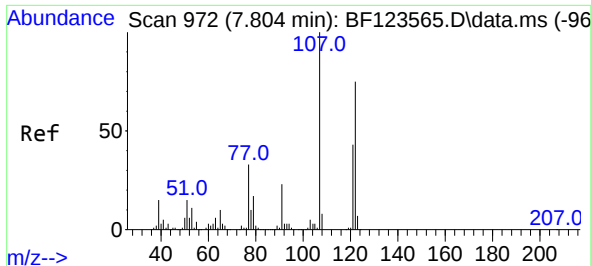
mohammad
4/26/2021 11:36:05 AM



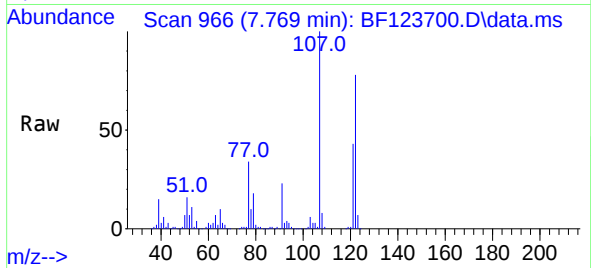
#26
2-Nitrophenol
Concen: 55.18 ng
RT: 7.733 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:139 Resp: 352913
Ion Ratio Lower Upper
139 100
109 34.2 28.6 43.0
65 62.5 56.8 85.2

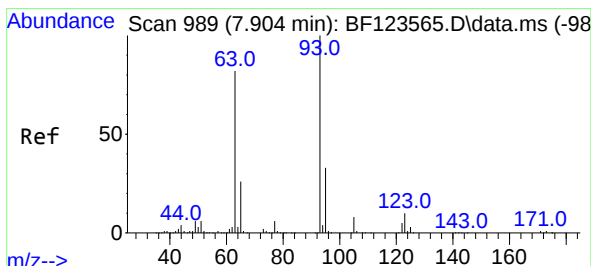
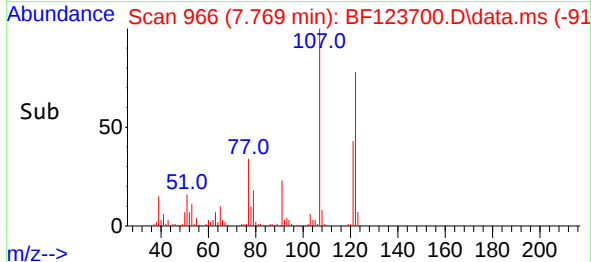
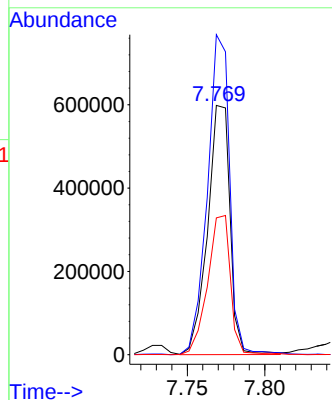




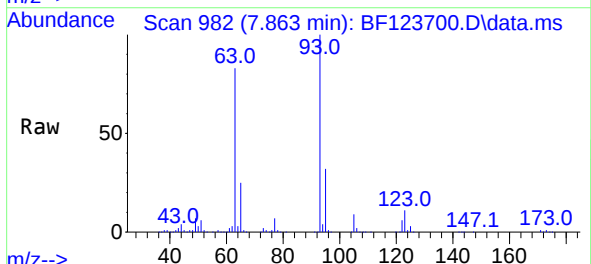
#27
2,4-Dimethylphenol
Concen: 51.18 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



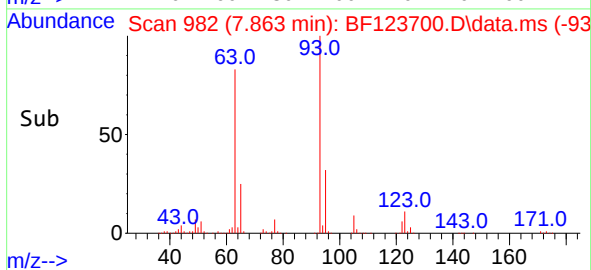
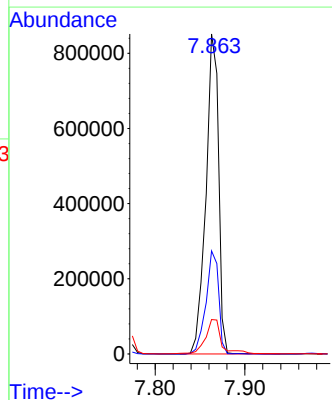
Tgt Ion:122 Resp: 604061
Ion Ratio Lower Upper
122 100
107 128.4 106.3 159.5
121 54.9 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.20 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



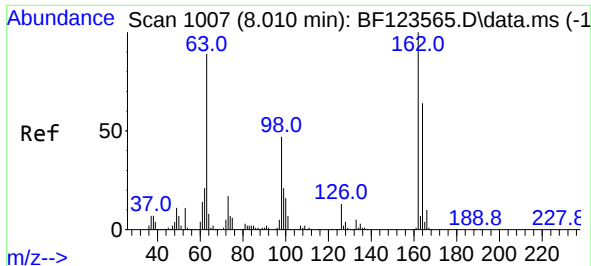
Tgt Ion: 93 Resp: 834045
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 10.8 8.4 12.6



Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

mohammad
4/26/2021 11:36:05 AM



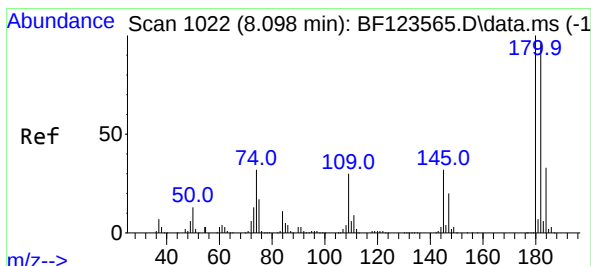
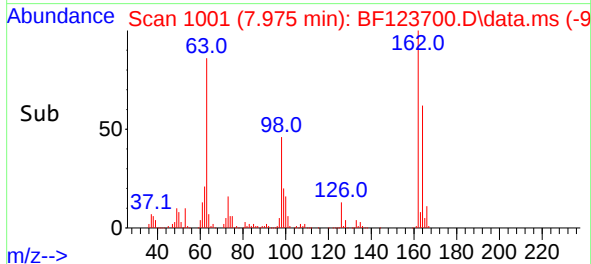
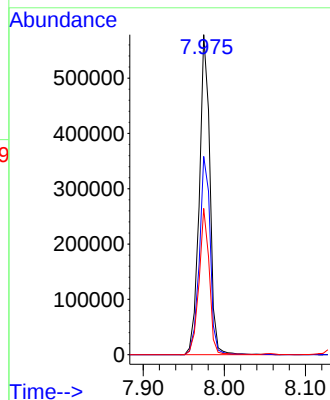
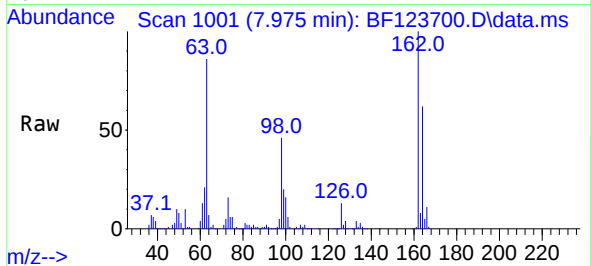
#29
2,4-Dichlorophenol
Concen: 45.83 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:	162	Resp:	526635
Ion Ratio	Lower	Upper	
162	100		
164	61.9	44.1	84.1
98	45.7	27.3	67.3

Instrument :
BNA_F
ClientSampleId :
PE-1MS

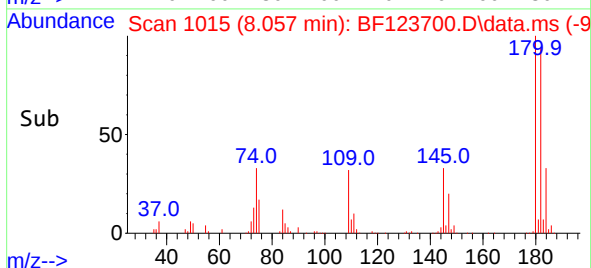
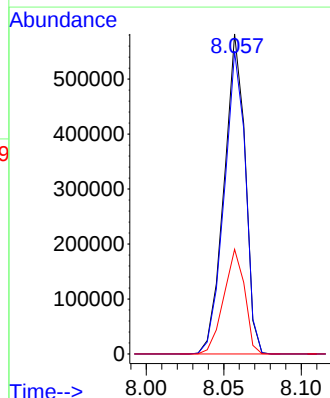
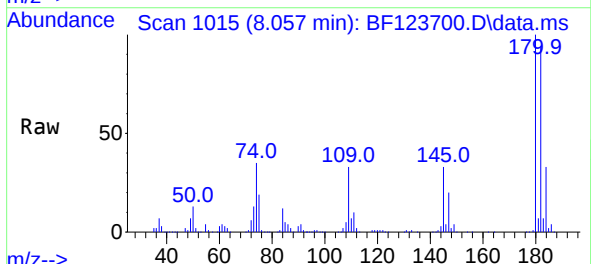
Manual Integrations
APPROVED

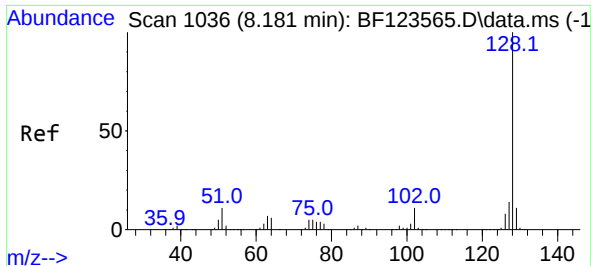
mohammad
4/26/2021 11:36:05 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.55 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:	180	Resp:	550096
Ion Ratio	Lower	Upper	
180	100		
182	94.5	77.2	115.8
145	32.7	26.0	39.0





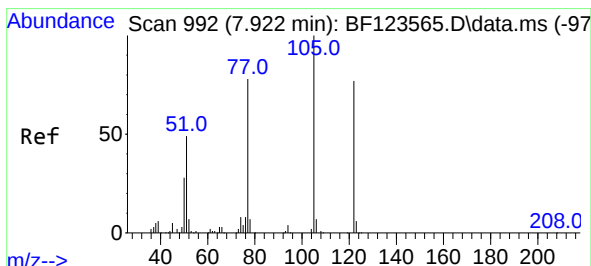
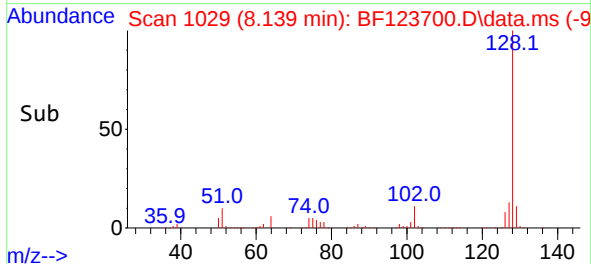
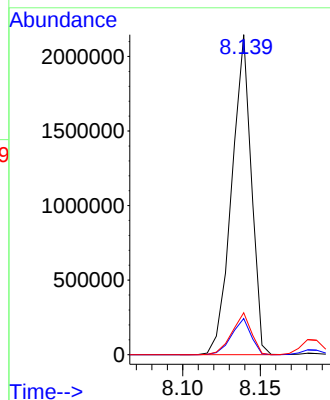
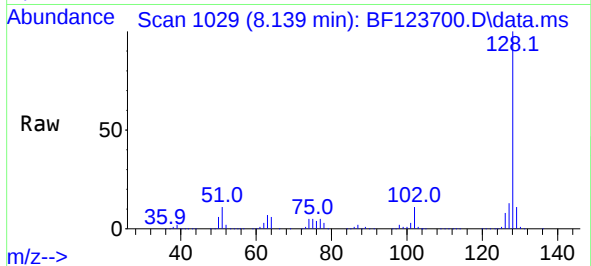
#31
Naphthalene
Concen: 44.73 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:128 Resp: 1882750
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 10.8 16.2

Instrument :
BNA_F
ClientSampled :
PE-1MS

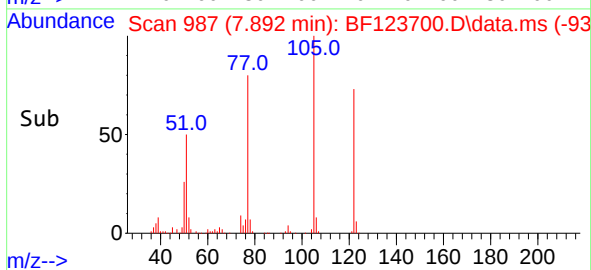
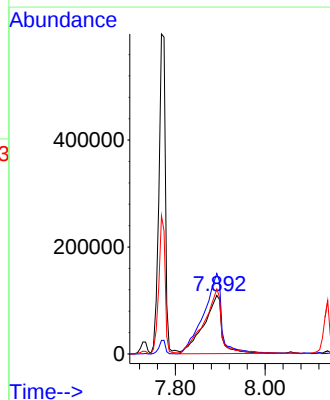
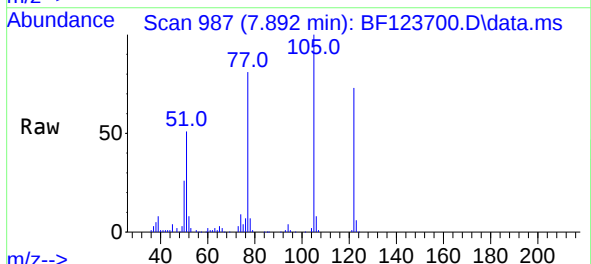
Manual Integrations
APPROVED

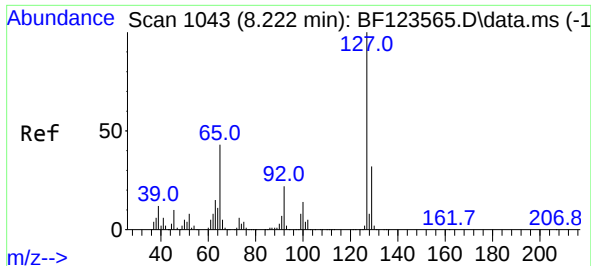
mohammad
4/26/2021 11:36:05 AM



#32
Benzoic acid
Concen: 40.51 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

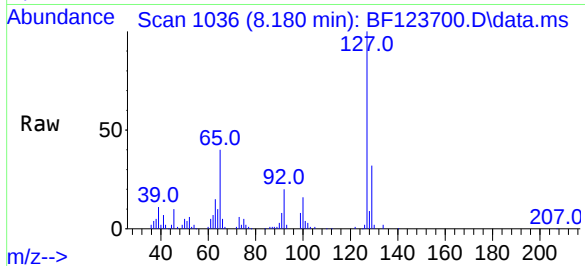
Tgt Ion:122 Resp: 311923
Ion Ratio Lower Upper
122 100
105 137.5 107.8 147.8
77 110.9 81.6 121.6





#33
4-Chloroaniline
Concen: 6.72 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.018 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

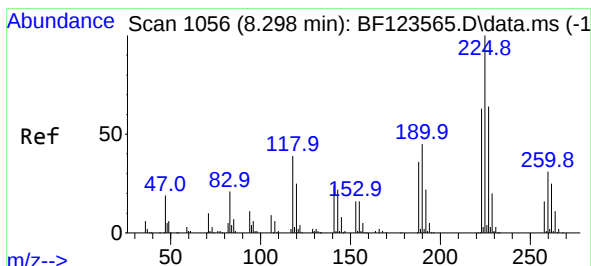
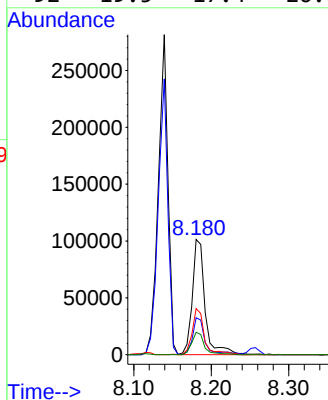
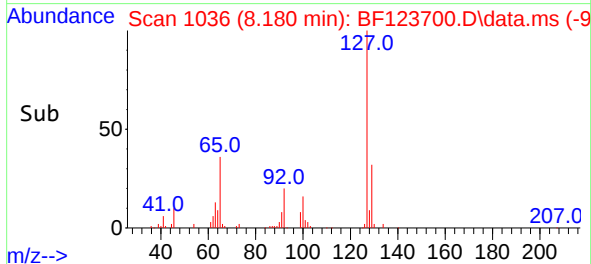
Instrument :
BNA_F
ClientSampleId :
PE-1MS



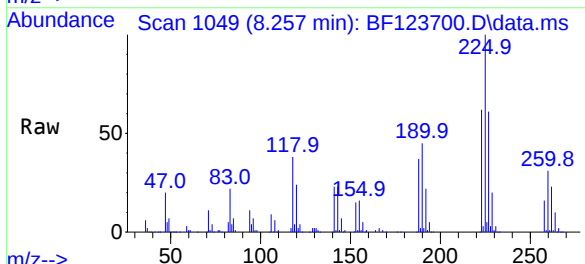
Tgt Ion:127 Resp: 116191
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 40.1 34.5 51.7
92 19.5 17.4 26.0

Manual Integrations
APPROVED

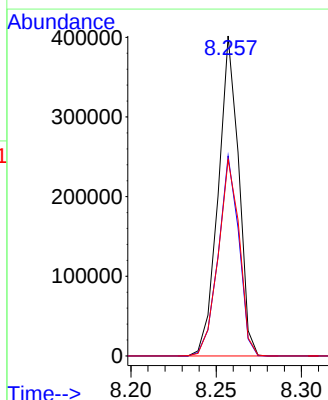
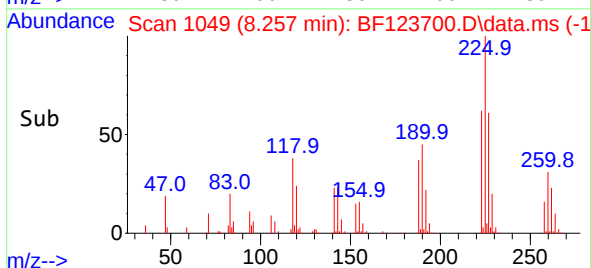
mohammad
4/26/2021 11:36:05 AM

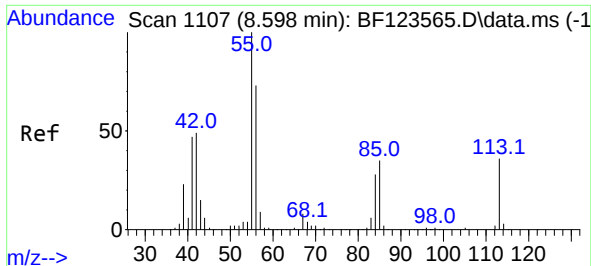


#34
Hexachlorobutadiene
Concen: 43.21 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:225 Resp: 334833
Ion Ratio Lower Upper
225 100
223 62.5 50.4 75.6
227 61.4 51.4 77.0





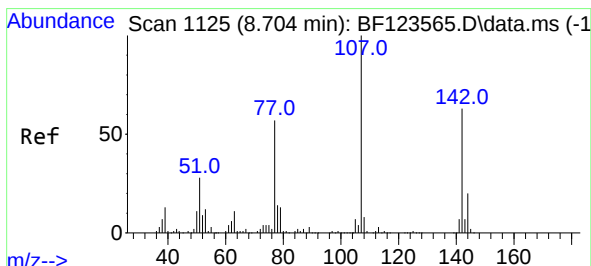
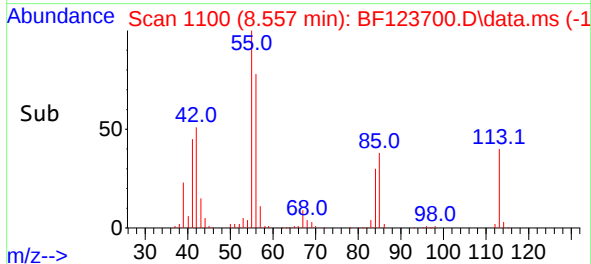
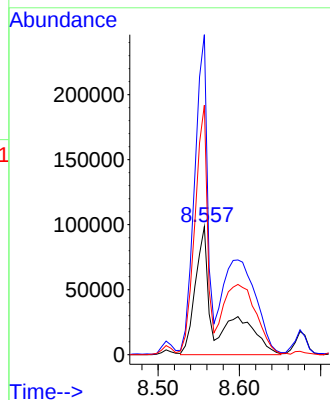
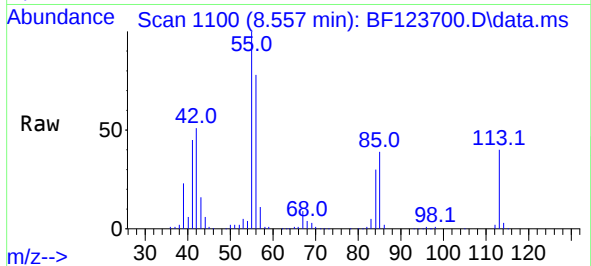
#35
Caprolactam
Concen: 46.25 ng m
RT: 8.557 min Scan# 1100
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:113 Resp: 185540
Ion Ratio Lower Upper
113 100
55 249.9 254.9 294.9#
56 194.9 179.4 219.4

Instrument :
BNA_F
ClientSampled :
PE-1MS

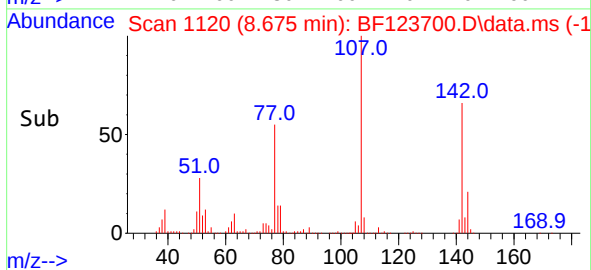
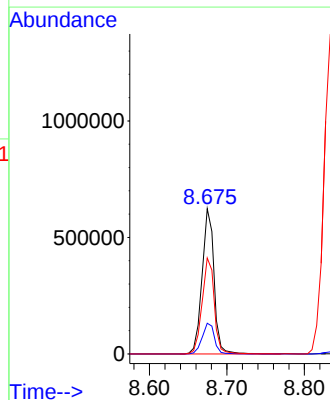
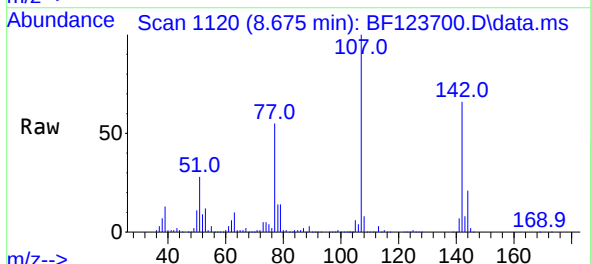
Manual Integrations
APPROVED

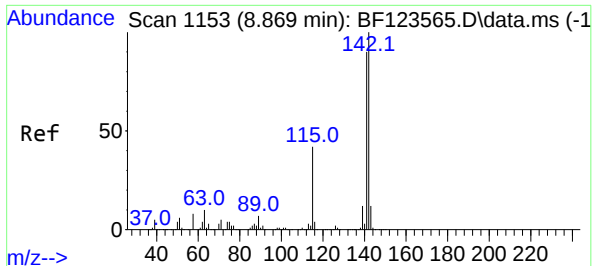
mohammad
4/26/2021 11:36:05 AM



#36
4-Chloro-3-methylphenol
Concen: 44.88 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:107 Resp: 668981
Ion Ratio Lower Upper
107 100
144 21.1 16.3 24.5
142 66.0 50.1 75.1





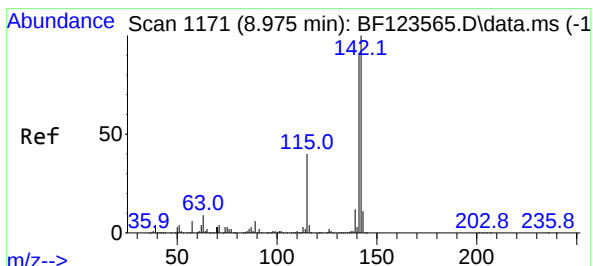
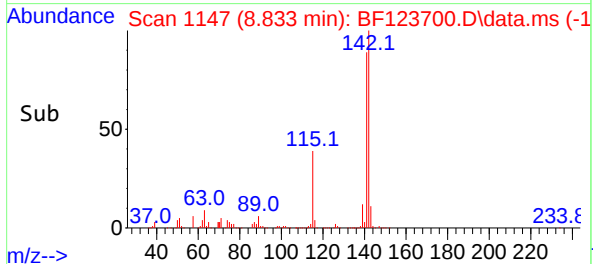
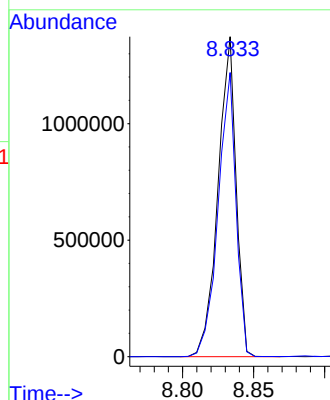
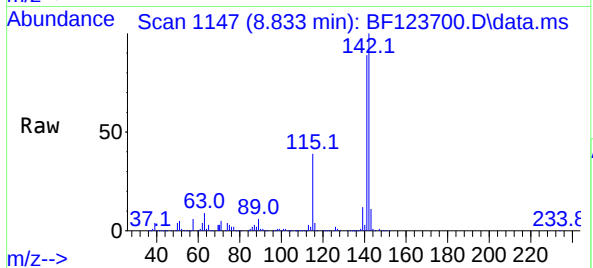
#37
2-Methylnaphthalene
Concen: 43.97 ng
RT: 8.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:142 Resp: 1213716
Ion Ratio Lower Upper
142 100
141 88.8 71.8 107.6

Instrument :
BNA_F
ClientSampleId :
PE-1MS

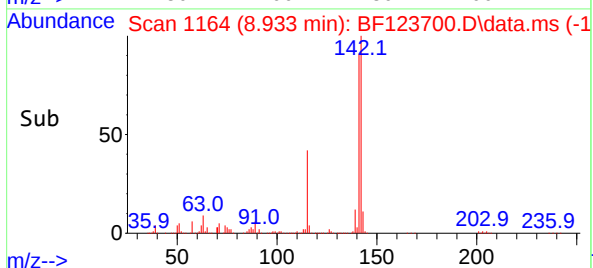
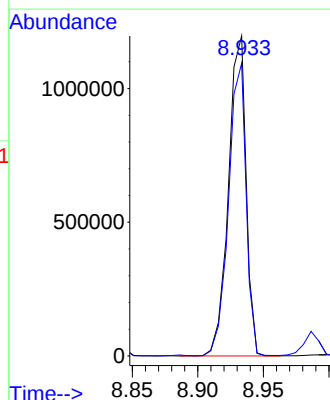
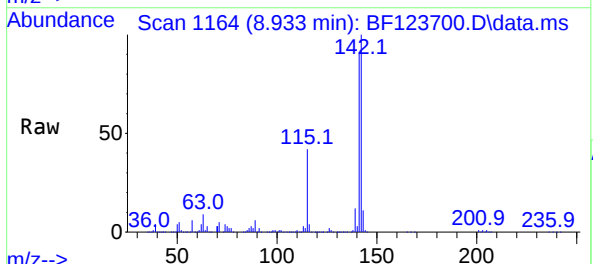
Manual Integrations
APPROVED

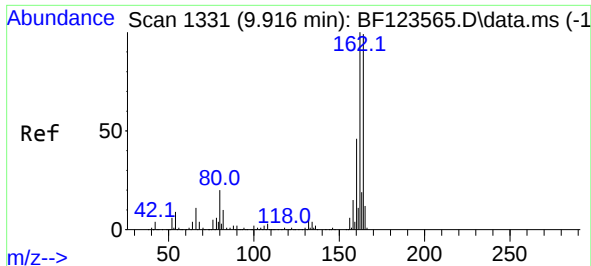
mohammad
4/26/2021 11:36:05 AM



#38
1-Methylnaphthalene
Concen: 42.95 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

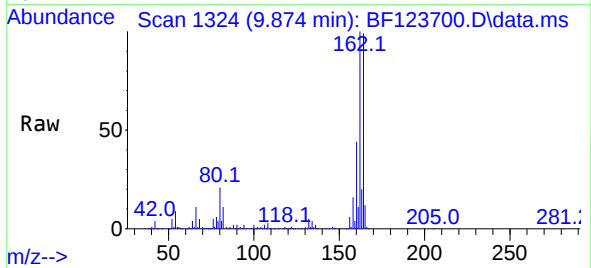
Tgt Ion:142 Resp: 1121529
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

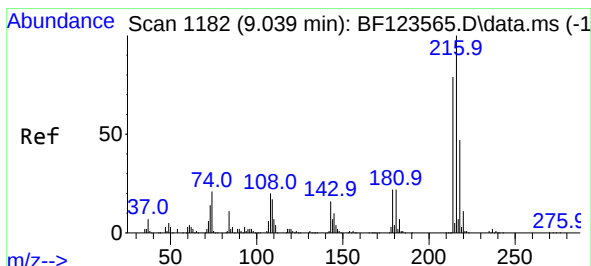
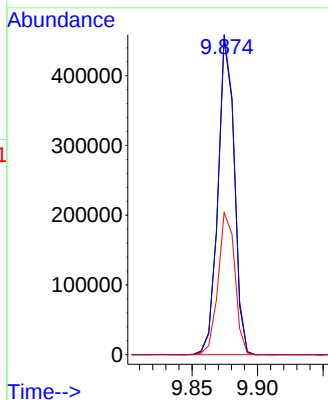
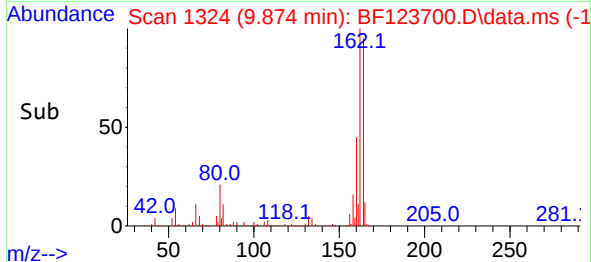
Instrument :
BNA_F
ClientSampled :
PE-1MS



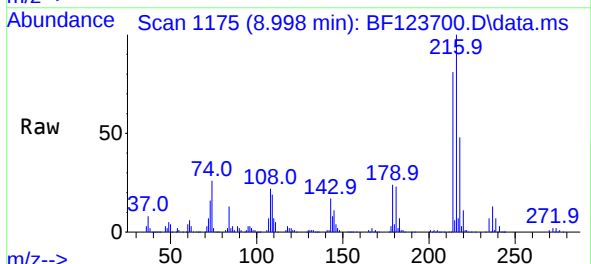
Tgt Ion:164 Resp: 389794
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 45.1 37.3 55.9

Manual Integrations
APPROVED

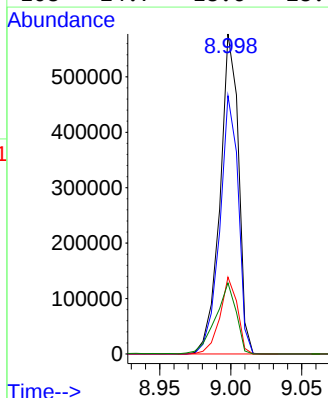
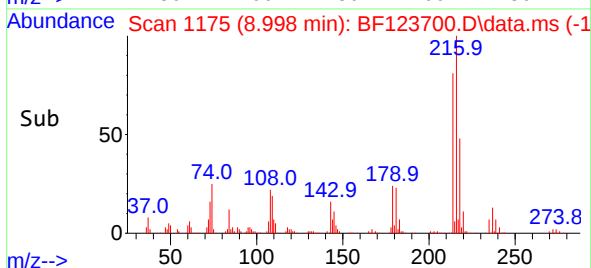
mohammad
4/26/2021 11:36:05 AM

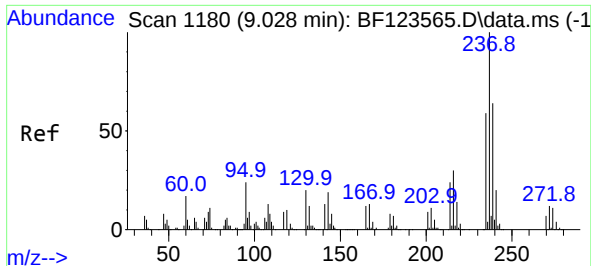


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.52 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:216 Resp: 522010
Ion Ratio Lower Upper
216 100
214 80.5 63.8 95.8
179 22.7 17.9 26.9
108 24.7 18.6 28.0





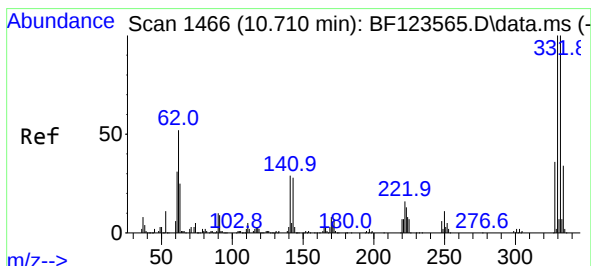
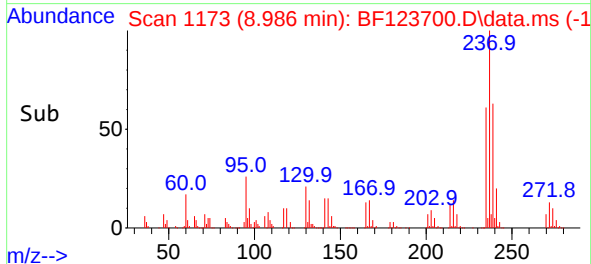
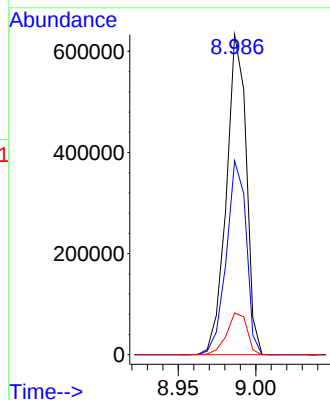
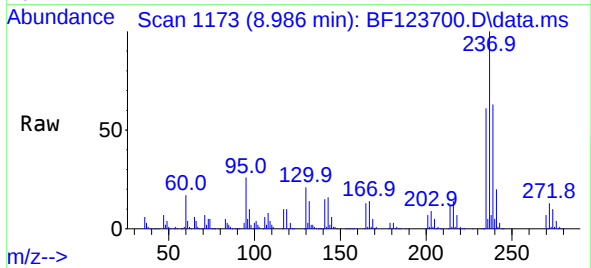
#41
Hexachlorocyclopentadiene
Concen: 101.13 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 237 Resp: 565344
Ion Ratio Lower Upper
237 100
235 60.6 38.8 78.8
272 13.1 0.0 32.4

Instrument :
BNA_F
ClientSampled :
PE-1MS

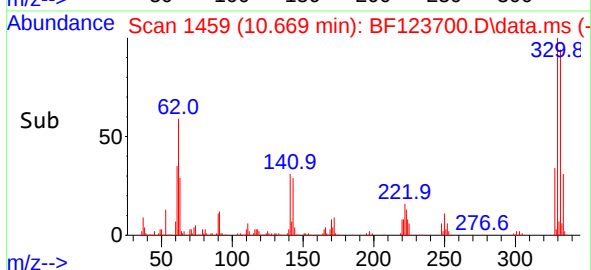
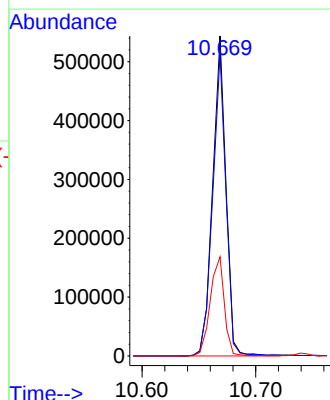
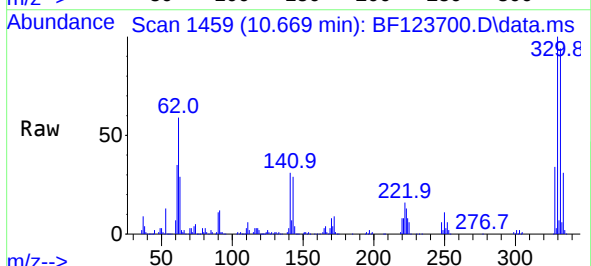
Manual Integrations
APPROVED

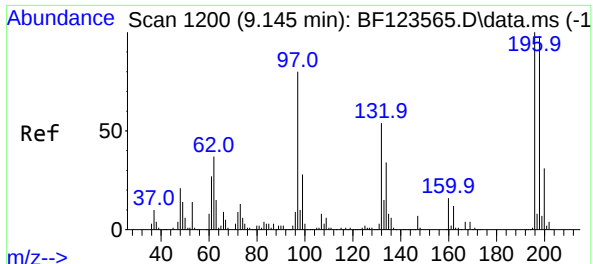
mohammad
4/26/2021 11:36:05 AM



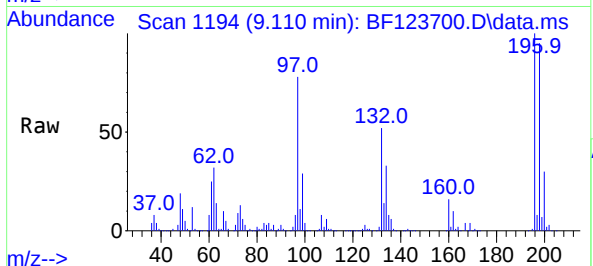
#42
2,4,6-Tribromophenol
Concen: 100.09 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 330 Resp: 441785
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 33.0 27.9 41.9

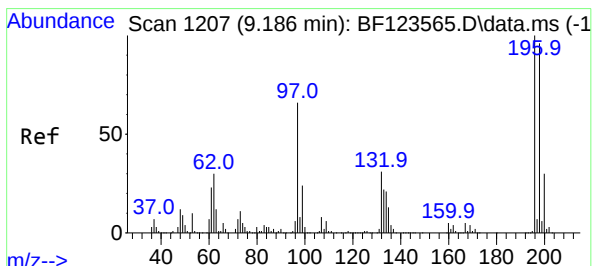
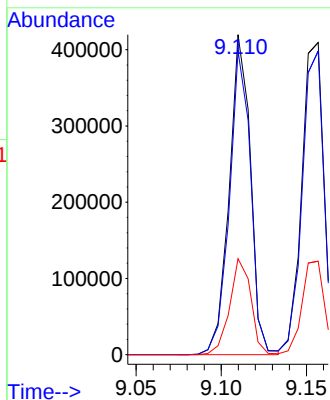
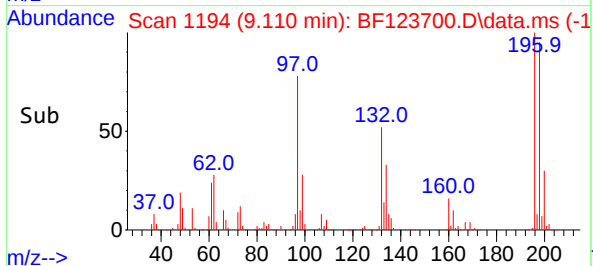




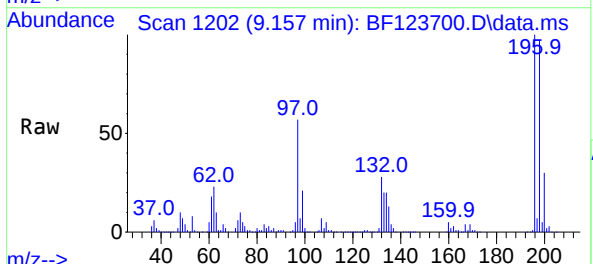
#43
2,4,6-Trichlorophenol
Concen: 50.08 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



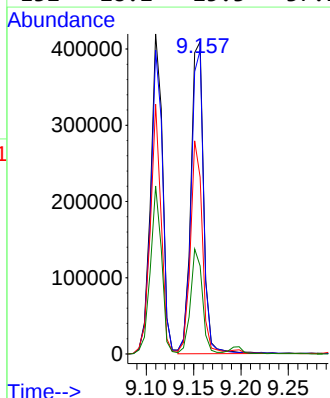
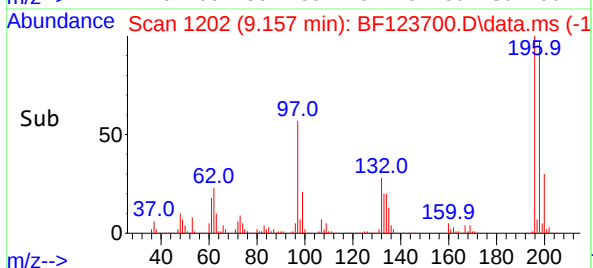
Tgt Ion:196 Resp: 365558
Ion Ratio Lower Upper
196 100
198 94.9 78.2 117.2
200 30.0 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 48.01 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



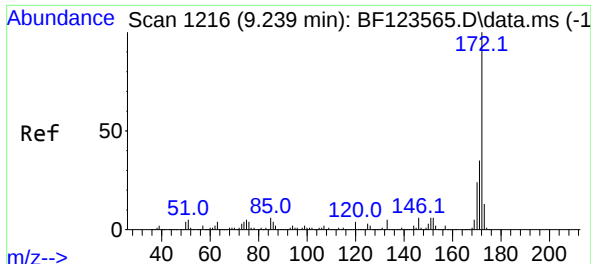
Tgt Ion:196 Resp: 383183
Ion Ratio Lower Upper
196 100
198 97.3 76.5 114.7
97 56.7 52.9 79.3
132 28.2 25.3 37.9



Instrument :
BNA_F
ClientSampled :
PE-1MS

Manual Integrations
APPROVED

mohammad
4/26/2021 11:36:05 AM



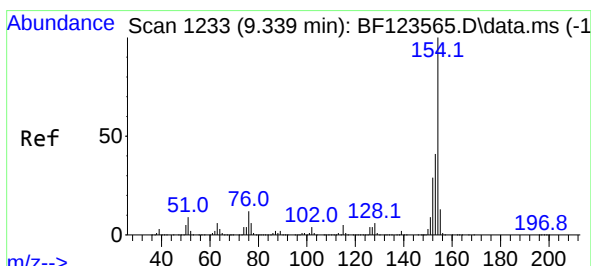
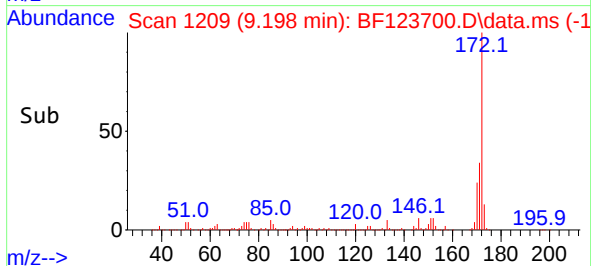
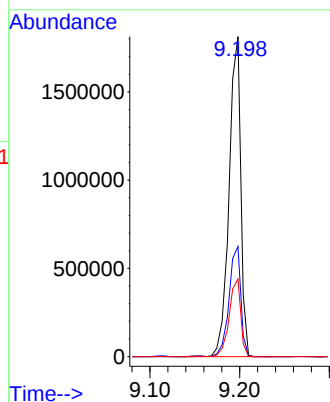
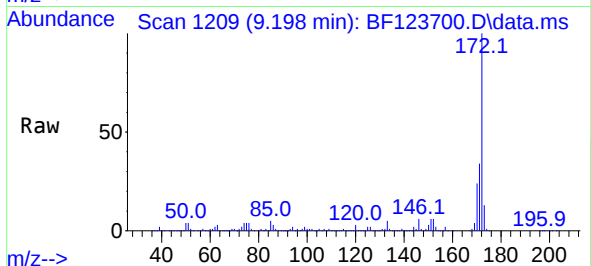
#45
2-Fluorobiphenyl
Concen: 62.80 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Instrument :
BNA_F
ClientSampleId :
PE-1MS

Tgt Ion:172 Resp: 1642163
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 24.3 19.2 28.8

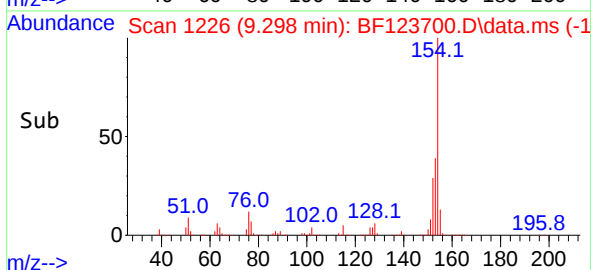
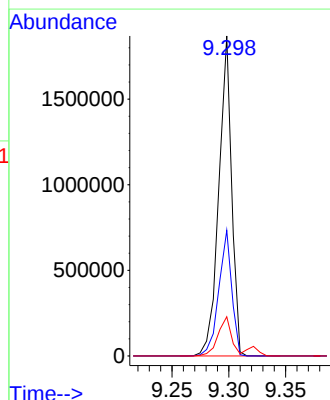
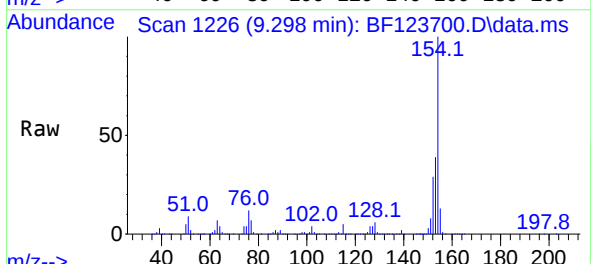
Manual Integrations
APPROVED

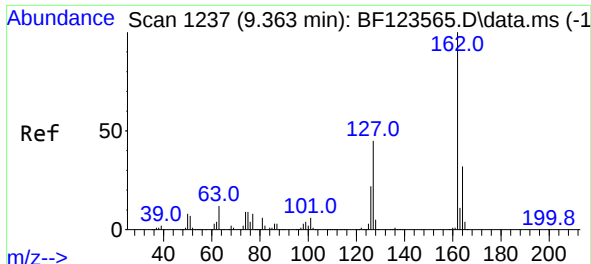
mohammad
4/26/2021 11:36:05 AM



#46
1,1'-Biphenyl
Concen: 48.22 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:154 Resp: 1471087
Ion Ratio Lower Upper
154 100
153 39.3 20.7 60.7
76 12.2 0.0 31.7





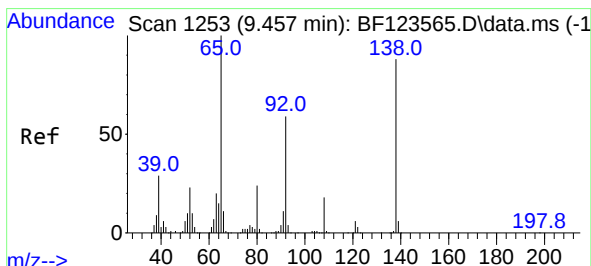
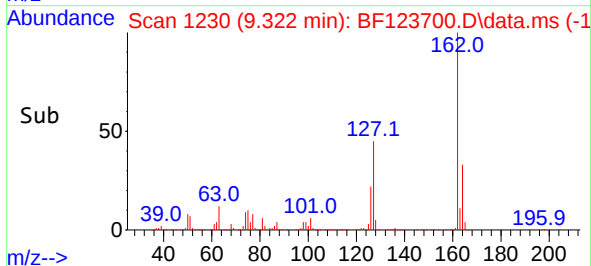
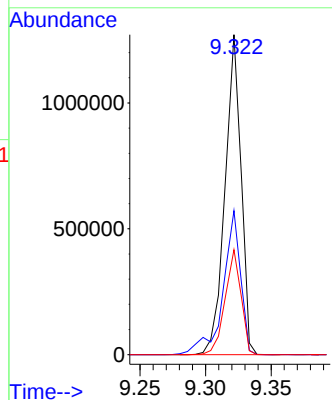
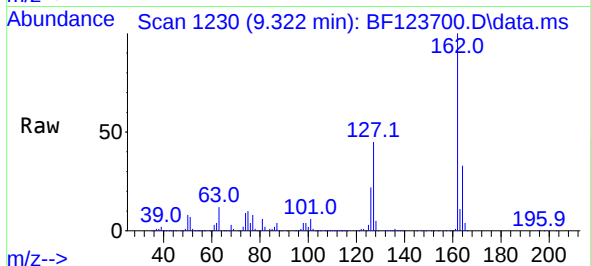
#47
2-Chloronaphthalene
Concen: 47.03 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 162 Resp: 1079736
Ion Ratio Lower Upper
162 100
127 45.0 36.2 54.2
164 32.8 25.4 38.2

Instrument :
BNA_F
ClientSampled :
PE-1MS

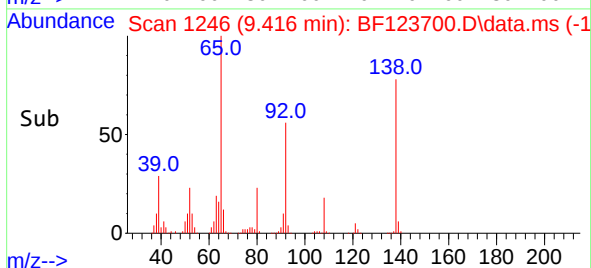
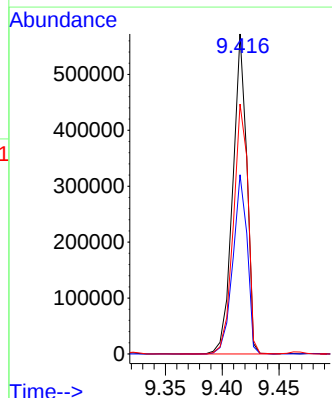
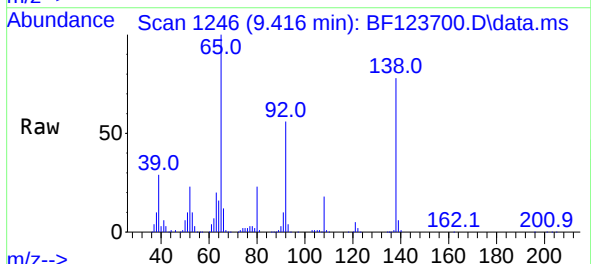
Manual Integrations
APPROVED

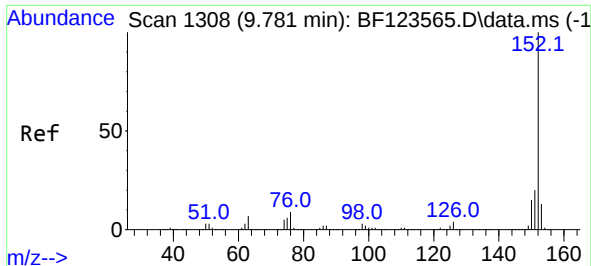
mohammad
4/26/2021 11:36:05 AM



#48
2-Nitroaniline
Concen: 51.25 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

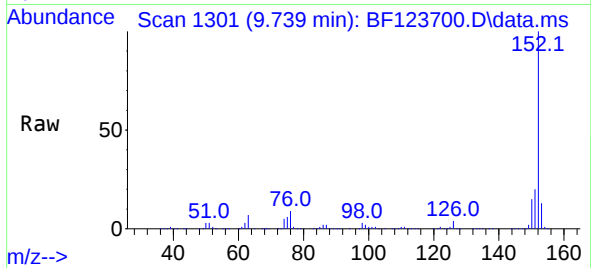
Tgt Ion: 65 Resp: 490256
Ion Ratio Lower Upper
65 100
92 56.0 47.1 70.7
138 78.1 70.2 105.2





#49
Acenaphthylene
Concen: 47.88 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

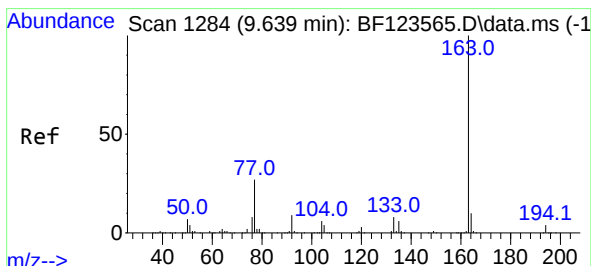
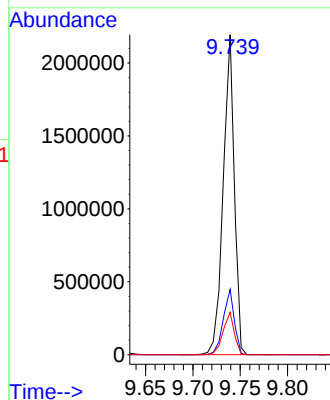
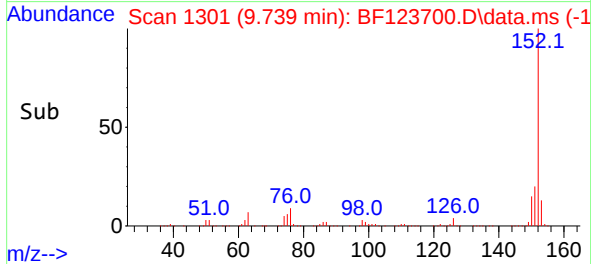
Instrument :
BNA_F
ClientSampleId :
PE-1MS



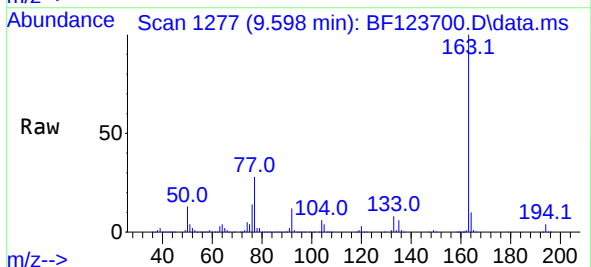
Tgt Ion:152 Resp: 1798089
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.3 10.4 15.6

Manual Integrations
APPROVED

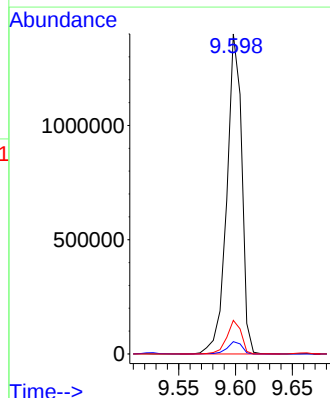
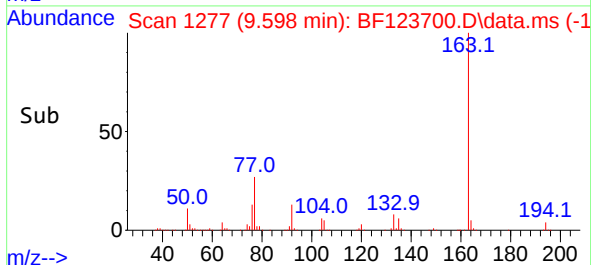
mohammad
4/26/2021 11:36:05 AM

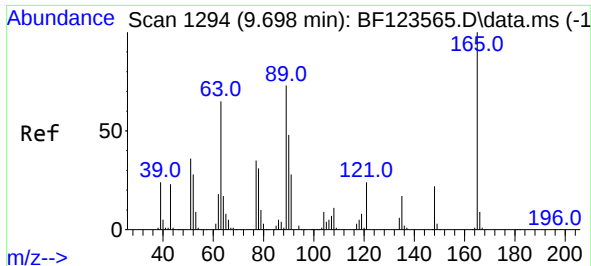


#50
Dimethylphthalate
Concen: 47.64 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:163 Resp: 1282827
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.2 12.2





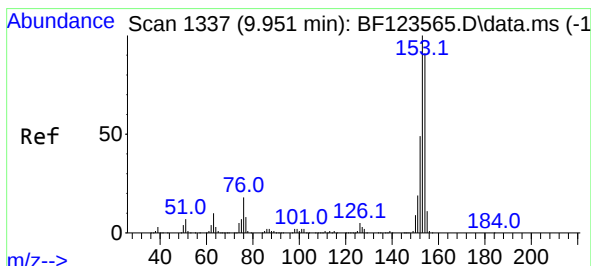
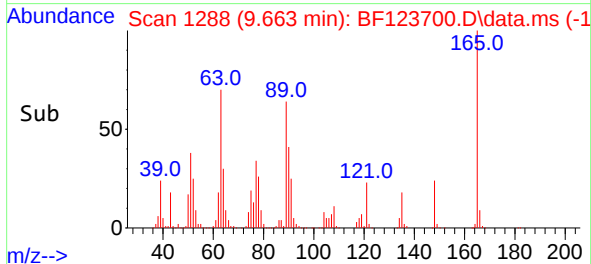
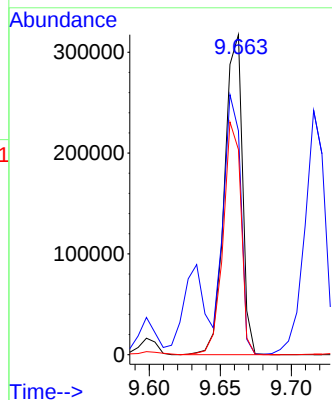
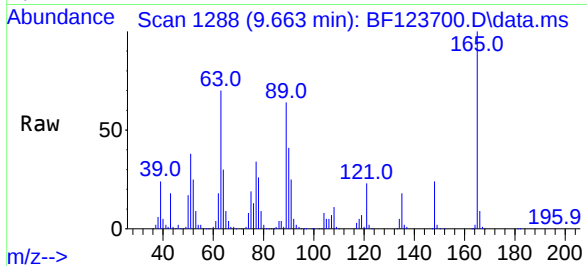
#51
2,6-Dinitrotoluene
Concen: 46.95 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:165 Resp: 277528
Ion Ratio Lower Upper
165 100
63 69.9 67.7 101.5
89 64.1 58.8 88.2

Instrument :
BNA_F
ClientSampled :
PE-1MS

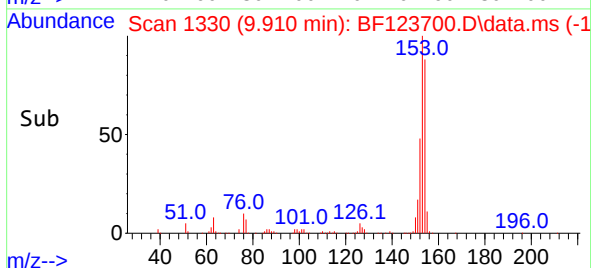
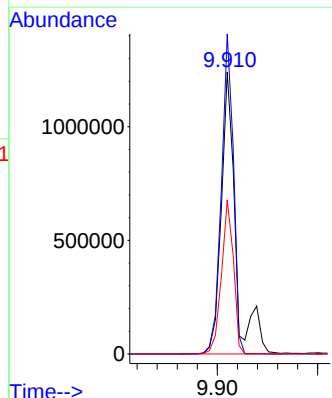
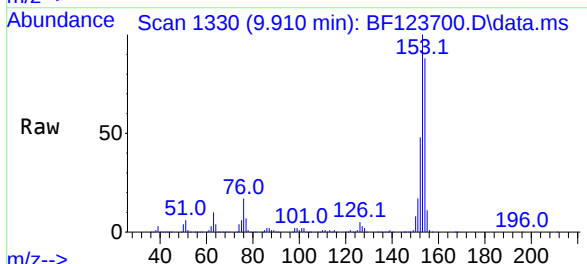
Manual Integrations
APPROVED

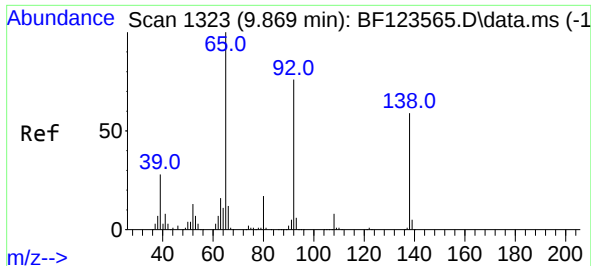
mohammad
4/26/2021 11:36:05 AM



#52
Acenaphthene
Concen: 50.87 ng m
RT: 9.910 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:154 Resp: 1225814
Ion Ratio Lower Upper
154 100
153 113.5 88.1 132.1
152 54.6 43.4 65.0





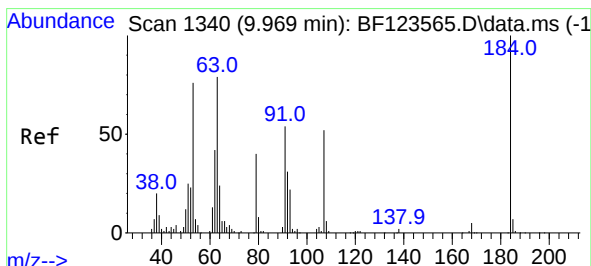
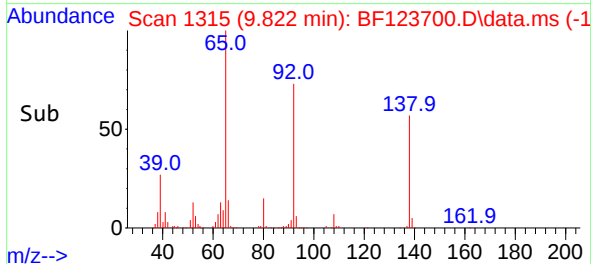
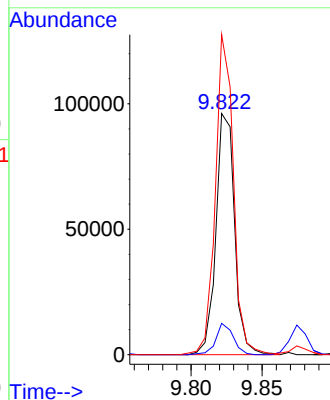
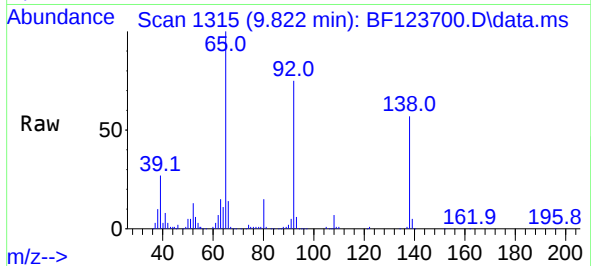
#53
3-Nitroaniline
Concen: 12.78 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:138 Resp: 87621
Ion Ratio Lower Upper
138 100
108 13.0 10.2 15.4
92 132.7 103.3 154.9

Instrument :
BNA_F
ClientSampled :
PE-1MS

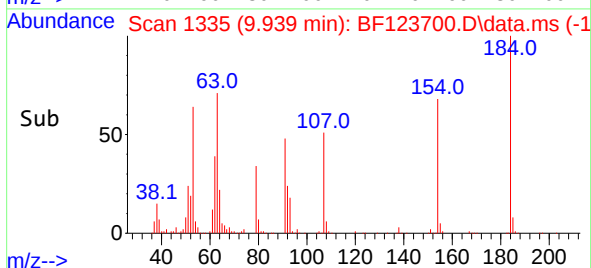
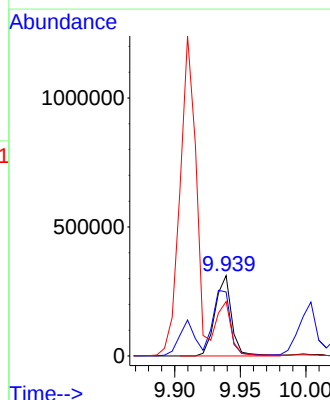
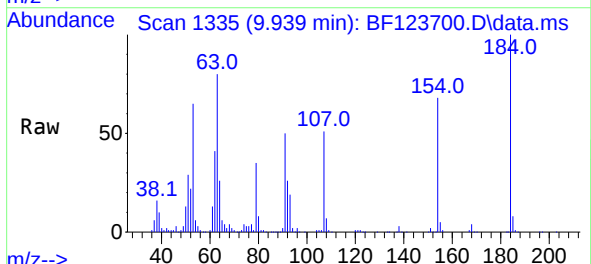
Manual Integrations
APPROVED

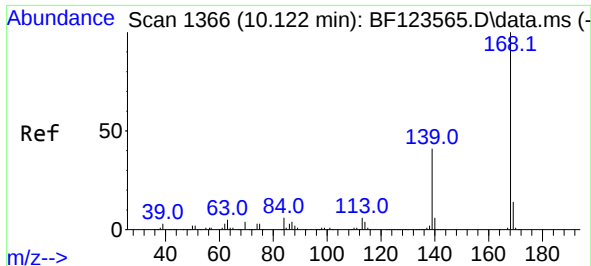
mohammad
4/26/2021 11:36:05 AM



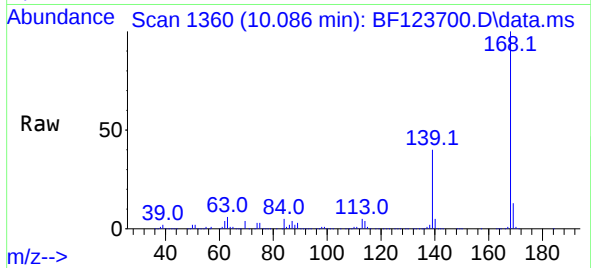
#54
2,4-Dinitrophenol
Concen: 105.31 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:184 Resp: 273454
Ion Ratio Lower Upper
184 100
63 79.7 73.5 110.3
154 67.8 52.5 78.7

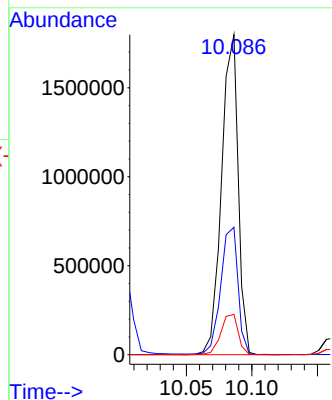




#55
Dibenzenofuran
Concen: 45.75 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



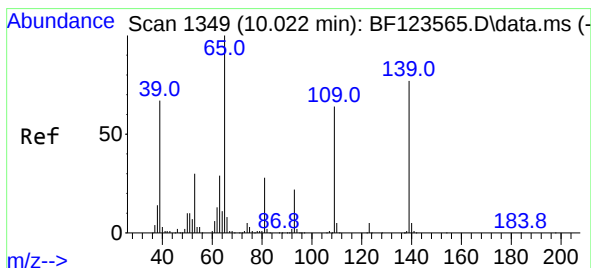
Tgt Ion:168 Resp: 1581233
Ion Ratio Lower Upper
168 100
139 39.8 33.2 49.8
169 12.6 10.8 16.2



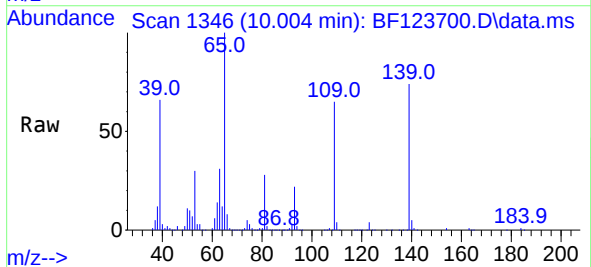
Instrument :
BNA_F
ClientSampled :
PE-1MS

Manual Integrations
APPROVED

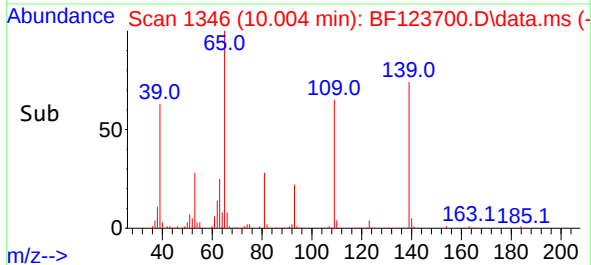
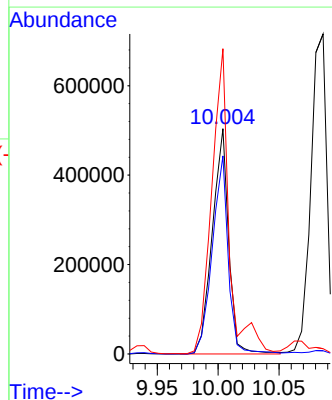
mohammad
4/26/2021 11:36:05 AM

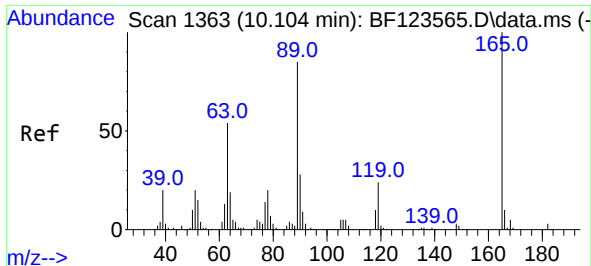


#56
4-Nitrophenol
Concen: 90.04 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:139 Resp: 473116
Ion Ratio Lower Upper
139 100
109 87.9 63.2 103.2
65 135.5 110.0 150.0





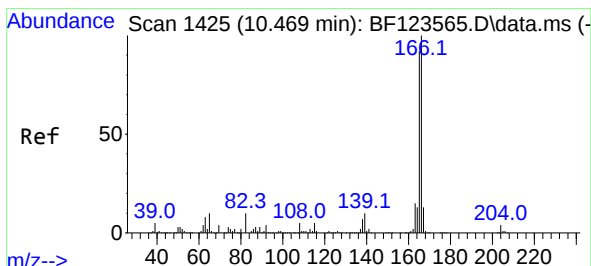
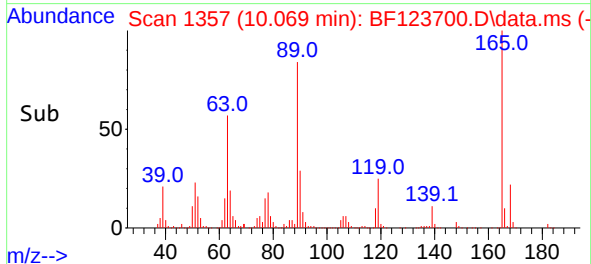
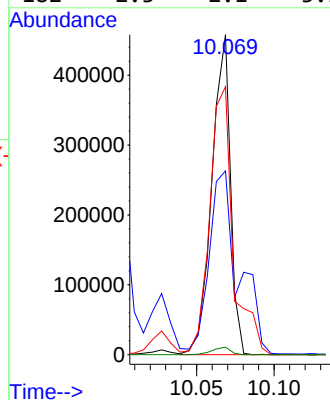
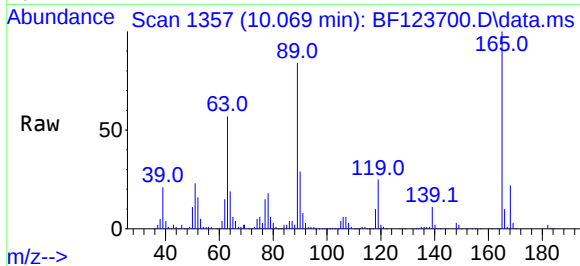
#57
2,4-Dinitrotoluene
Concen: 48.22 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:165 Resp: 380713
Ion Ratio Lower Upper
165 100
63 57.4 43.5 65.3
89 83.8 67.7 101.5
182 2.3 2.1 3.1

Instrument :
BNA_F
ClientSampled :
PE-1MS

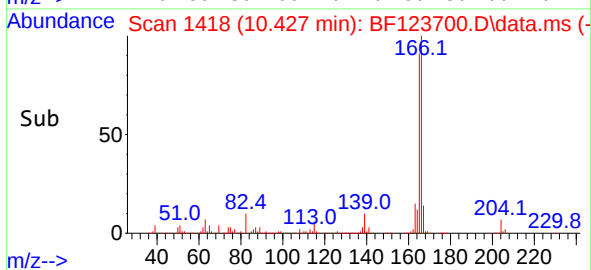
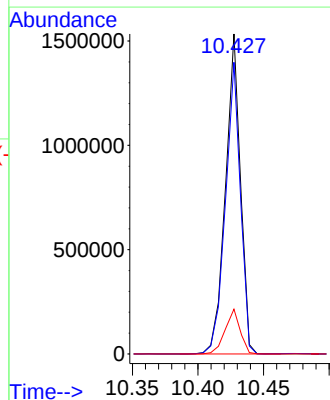
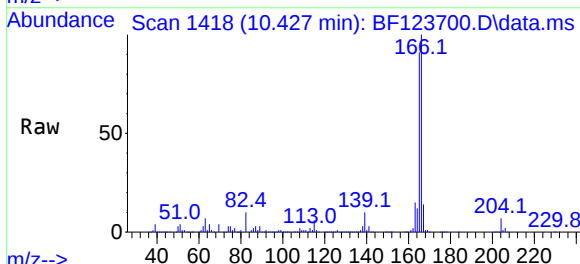
Manual Integrations
APPROVED

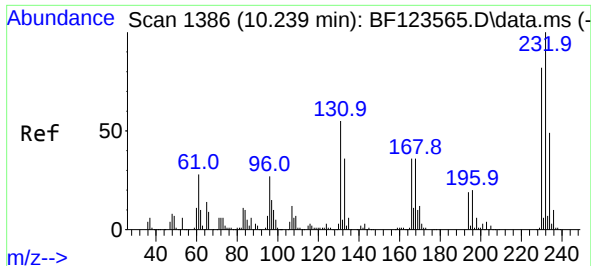
mohammad
4/26/2021 11:36:05 AM



#58
Fluorene
Concen: 44.70 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:166 Resp: 1214527
Ion Ratio Lower Upper
166 100
165 91.2 73.5 110.3
167 14.0 10.7 16.1





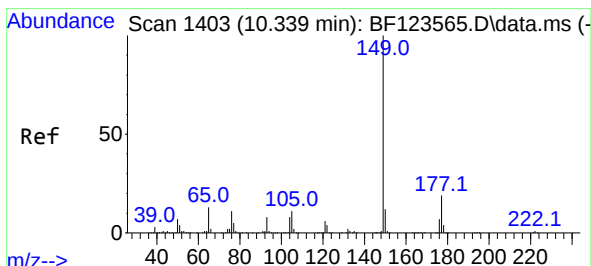
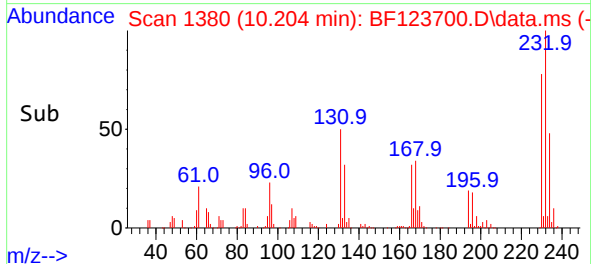
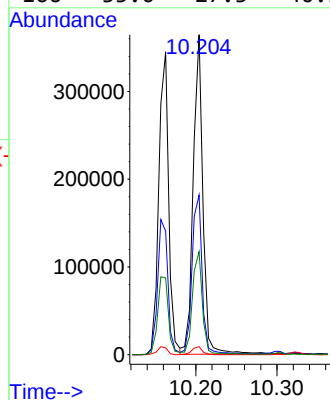
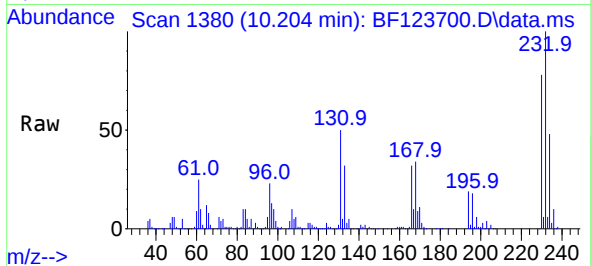
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.66 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:232 Resp: 302867
Ion Ratio Lower Upper
232 100
131 52.0 43.2 64.8
130 2.6 2.2 3.2
166 33.0 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
PE-1MS

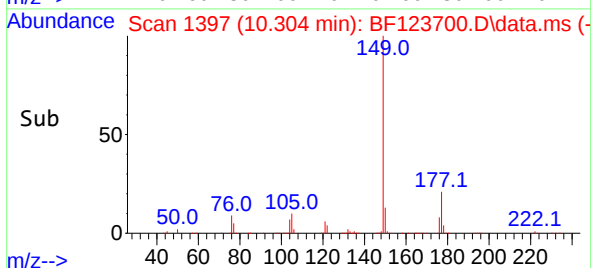
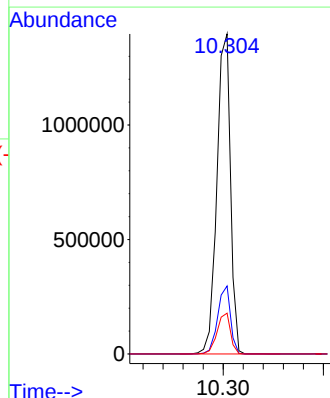
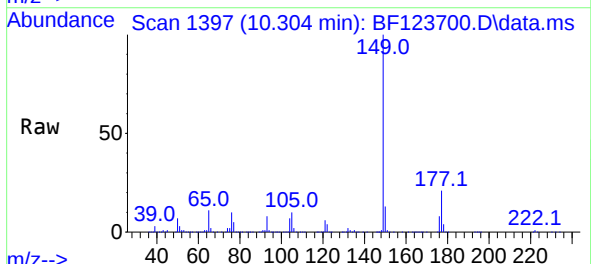
Manual Integrations
APPROVED

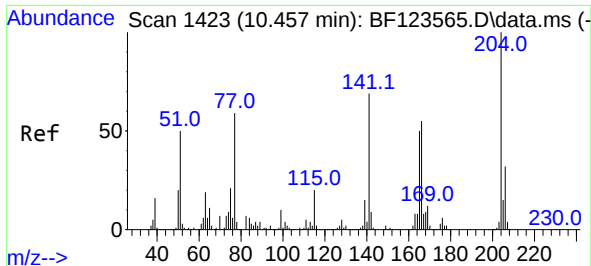
mohammad
4/26/2021 11:36:05 AM



#60
Diethylphthalate
Concen: 44.40 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

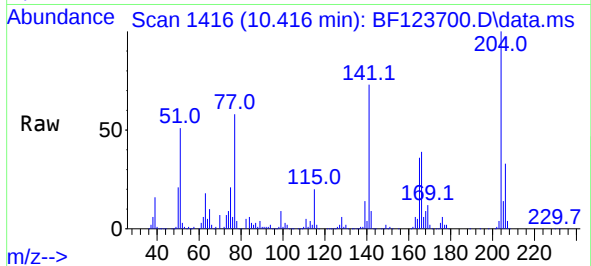
Tgt Ion:149 Resp: 1308978
Ion Ratio Lower Upper
149 100
177 21.2 15.4 23.2
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.25 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

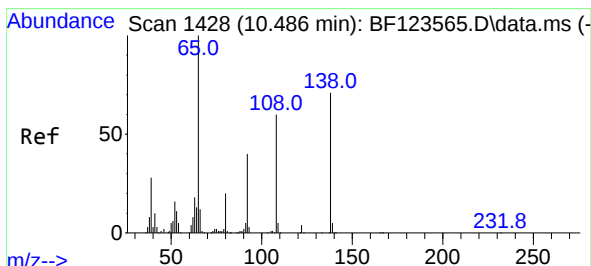
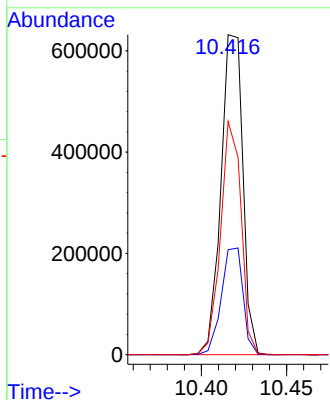
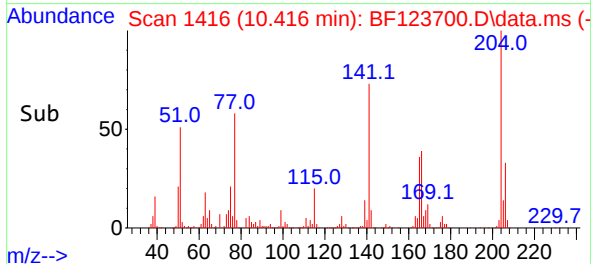
Instrument :
BNA_F
ClientSampled :
PE-1MS



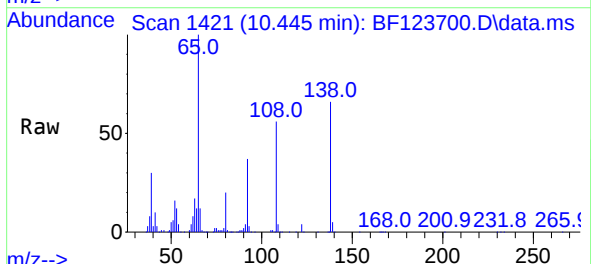
Tgt Ion:204 Resp: 567424
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 72.9 55.5 83.3

Manual Integrations
APPROVED

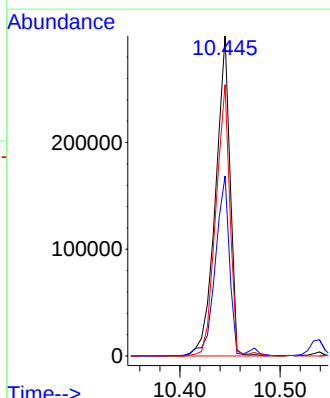
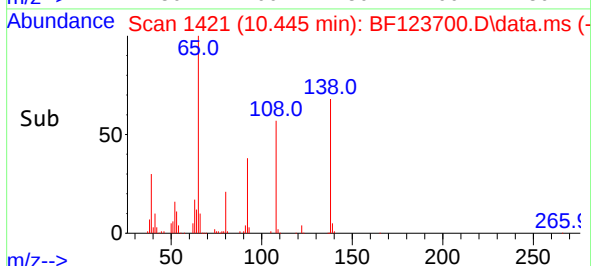
mohammad
4/26/2021 11:36:05 AM

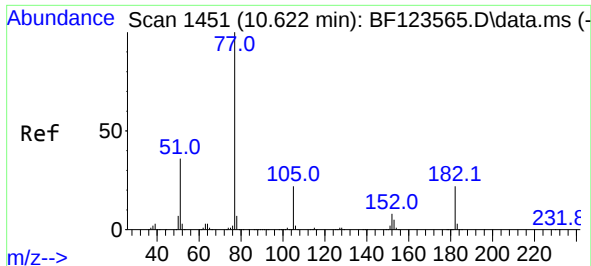


#62
4-Nitroaniline
Concen: 43.57 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



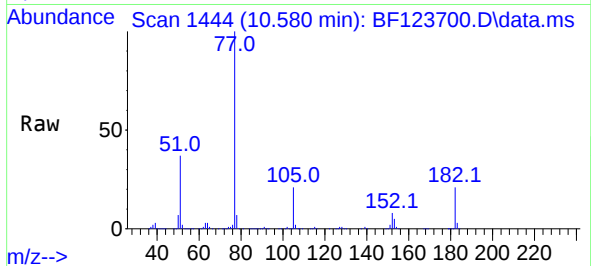
Tgt Ion:138 Resp: 301709
Ion Ratio Lower Upper
138 100
92 56.2 35.8 75.8
108 84.8 63.6 103.6





#63
Azobenzene
Concen: 44.08 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

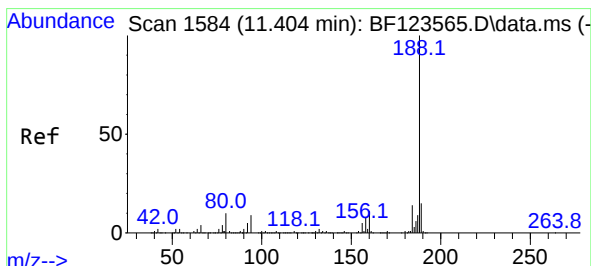
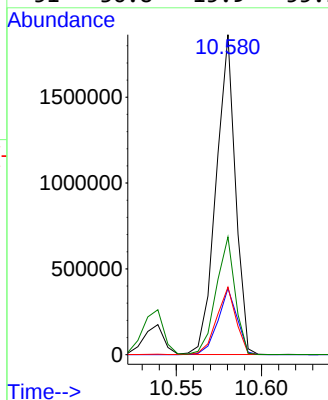
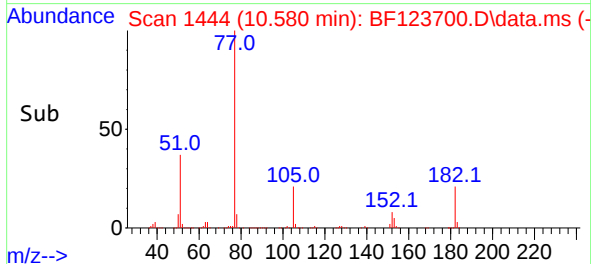
Instrument :
BNA_F
ClientSampled :
PE-1MS



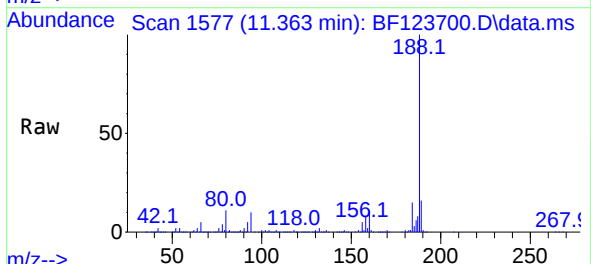
Tgt Ion: 77 Resp: 1472179
Ion Ratio Lower Upper
77 100
182 20.8 1.7 41.7
105 21.1 1.7 41.7
51 36.8 15.9 55.9

Manual Integrations
APPROVED

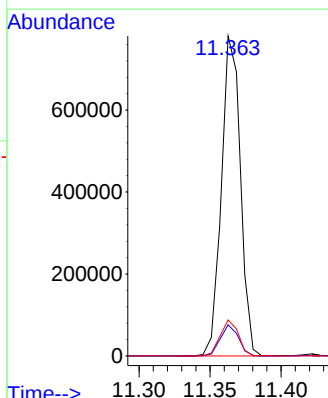
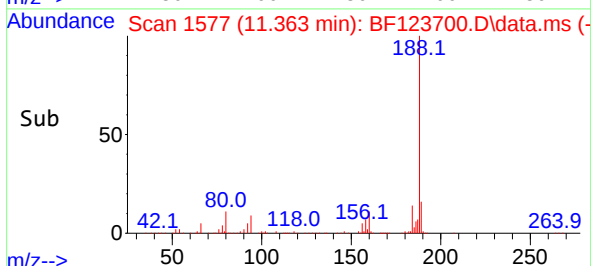
mohammad
4/26/2021 11:36:05 AM

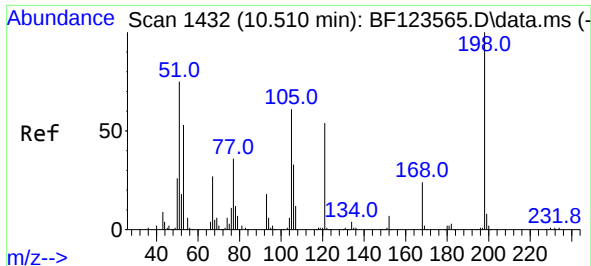


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion: 188 Resp: 725234
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 11.3 8.2 12.2





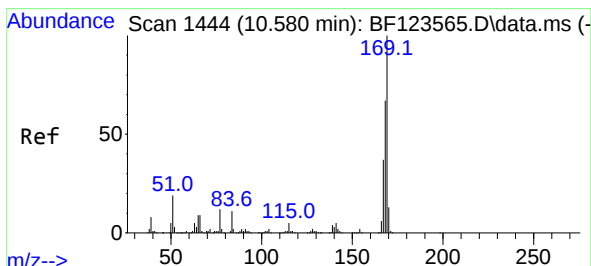
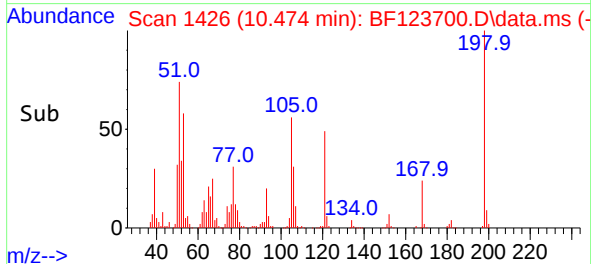
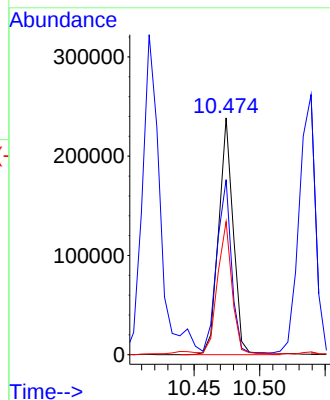
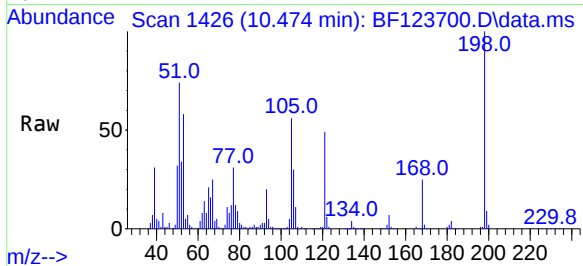
#65
4,6-Dinitro-2-methylphenol
Concen: 48.62 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:198 Resp: 183990
Ion Ratio Lower Upper
198 100
51 73.9 64.8 104.8
105 56.2 42.6 82.6

Instrument :
BNA_F
ClientSampleId :
PE-1MS

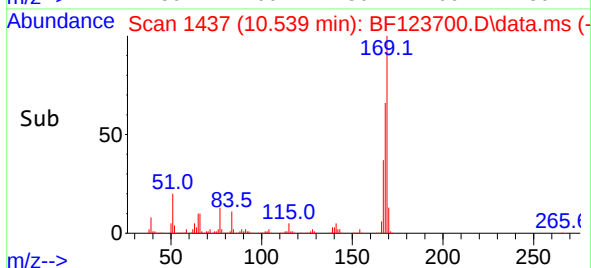
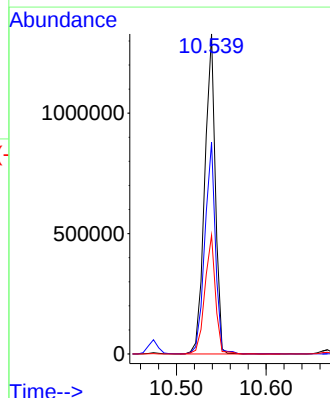
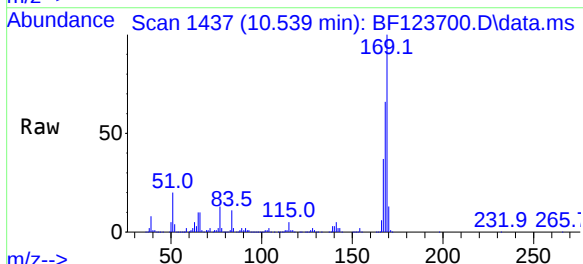
Manual Integrations
APPROVED

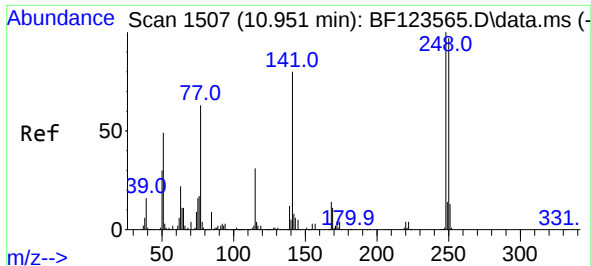
mohammad
4/26/2021 11:36:05 AM



#66
n-Nitrosodiphenylamine
Concen: 47.06 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

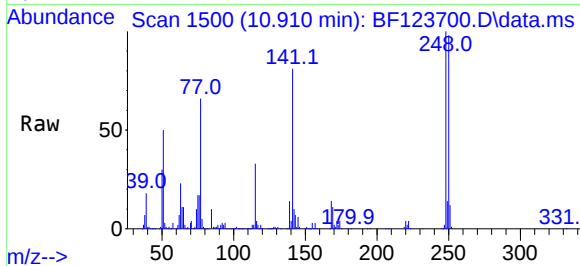
Tgt Ion:169 Resp: 1092463
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 37.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 46.79 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

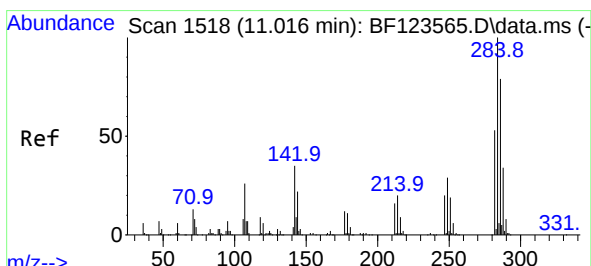
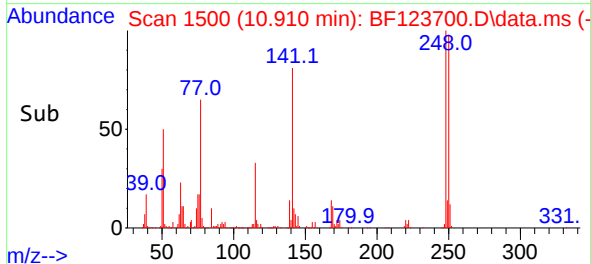
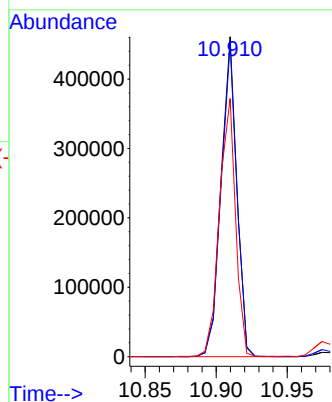
Instrument :
BNA_F
ClientSampled :
PE-1MS



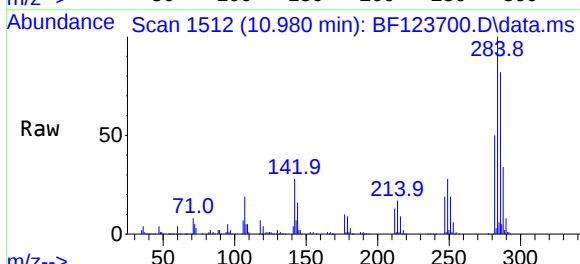
Tgt Ion:248 Resp: 354719
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.2
141 80.7 63.7 95.5

Manual Integrations
APPROVED

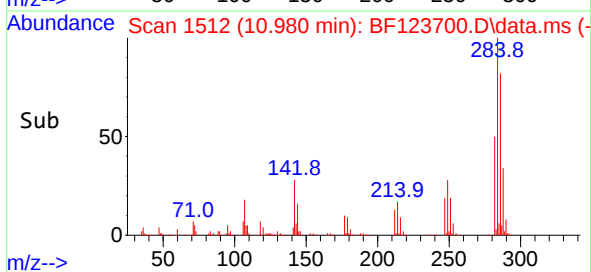
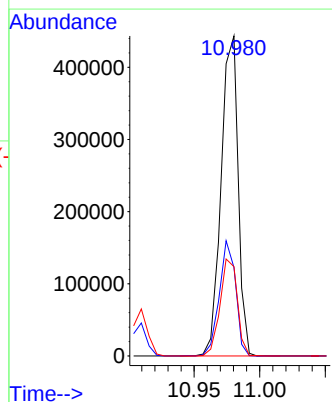
mohammad
4/26/2021 11:36:05 AM

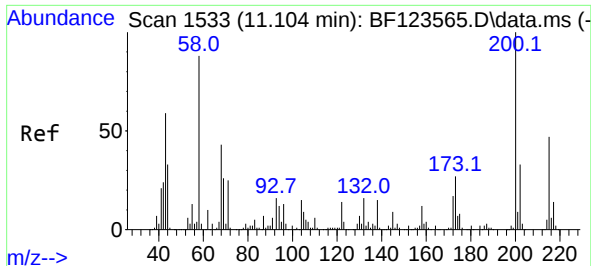


#68
Hexachlorobenzene
Concen: 46.73 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:284 Resp: 399303
Ion Ratio Lower Upper
284 100
142 27.7 28.3 42.5#
249 27.9 23.5 35.3





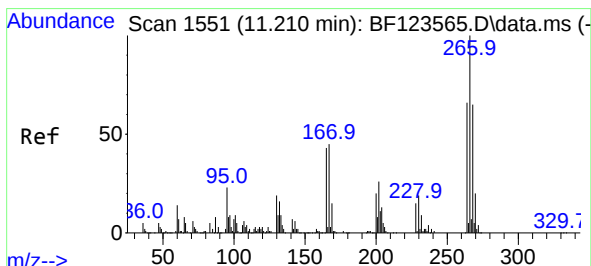
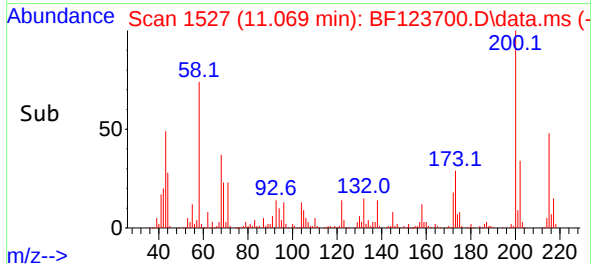
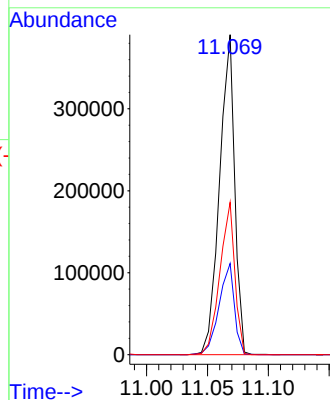
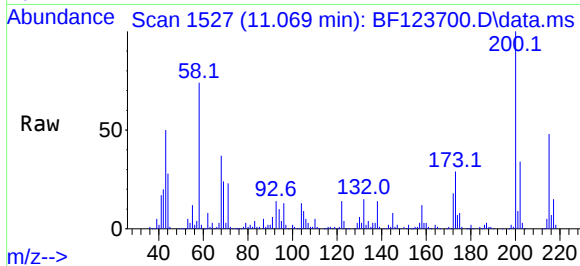
#69
Atrazine
Concen: 46.77 ng
RT: 11.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:200 Resp: 338417
Ion Ratio Lower Upper
200 100
173 28.5 6.9 46.9
215 47.6 26.5 66.5

Instrument :
BNA_F
ClientSampleId :
PE-1MS

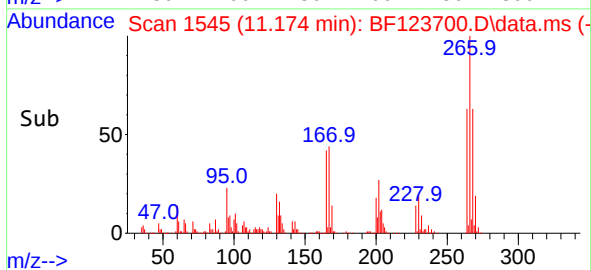
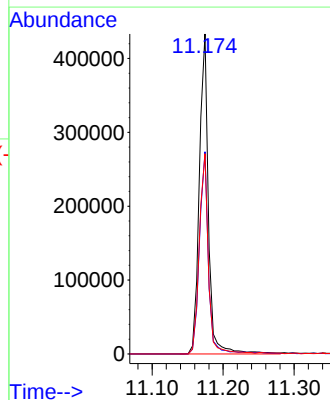
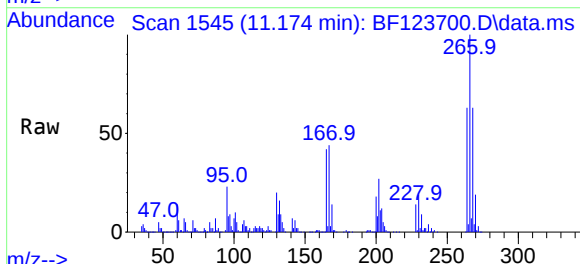
Manual Integrations
APPROVED

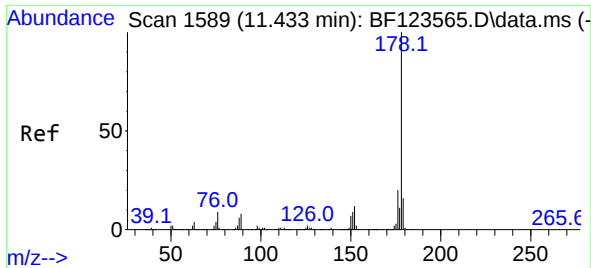
mohammad
4/26/2021 11:36:05 AM



#70
Pentachlorophenol
Concen: 86.98 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

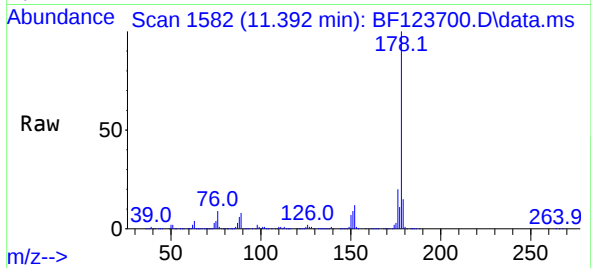
Tgt Ion:266 Resp: 388338
Ion Ratio Lower Upper
266 100
268 63.2 51.6 77.4
264 62.6 52.6 78.8





#71
Phenanthrene
Concen: 45.61 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

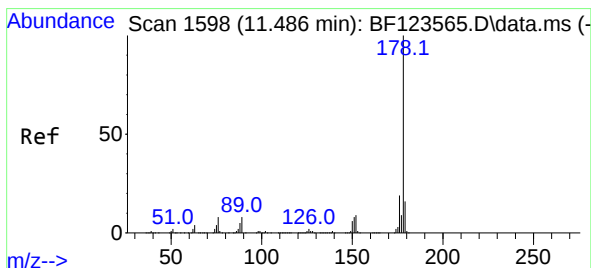
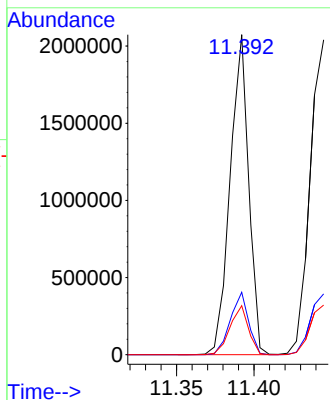
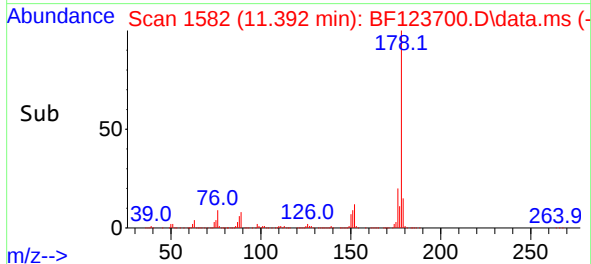
Instrument :
BNA_F
ClientSampleId :
PE-1MS



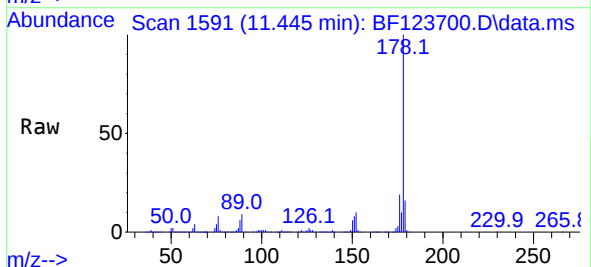
Tgt Ion:178 Resp: 1726451
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.5 18.7

Manual Integrations
APPROVED

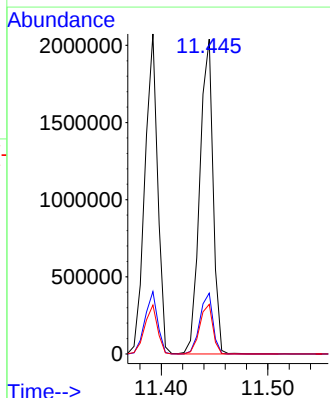
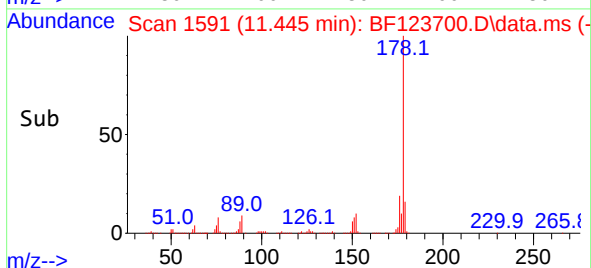
mohammad
4/26/2021 11:36:05 AM

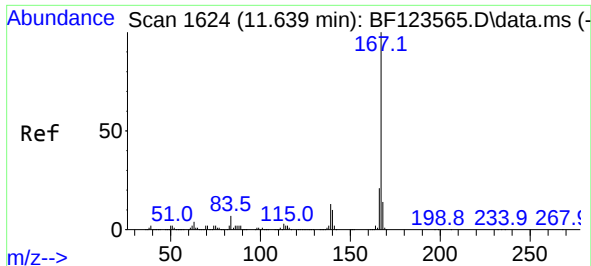


#72
Anthracene
Concen: 46.88 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



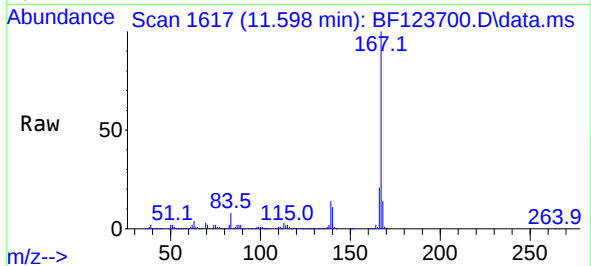
Tgt Ion:178 Resp: 1773248
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.6 18.8





#73
Carbazole
Concen: 44.26 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

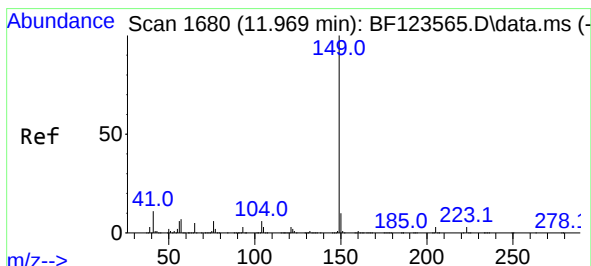
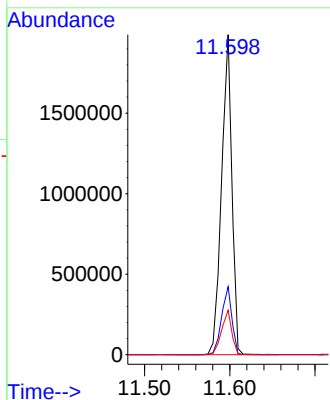
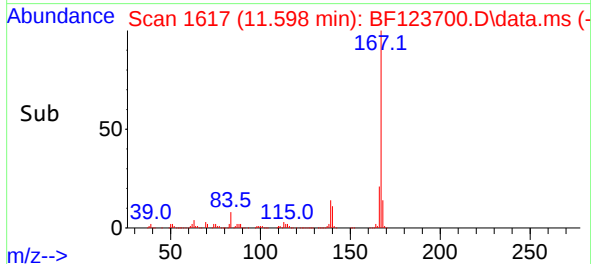
Instrument :
BNA_F
ClientSampled :
PE-1MS



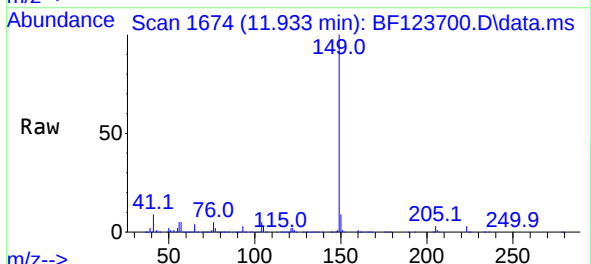
Tgt Ion:167 Resp: 1671137
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 13.9 10.4 15.6

Manual Integrations
APPROVED

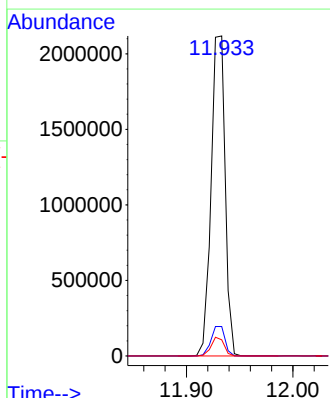
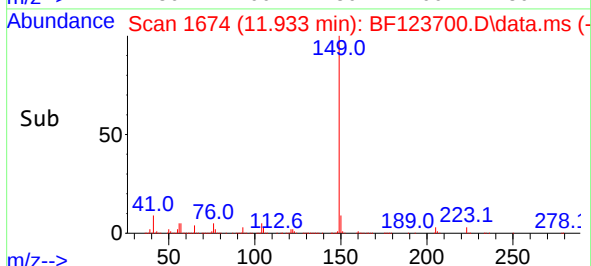
mohammad
4/26/2021 11:36:05 AM

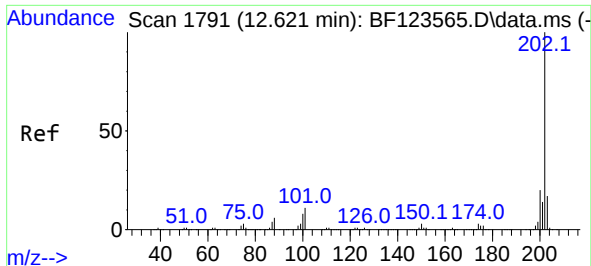


#74
Di-n-butylphthalate
Concen: 42.45 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



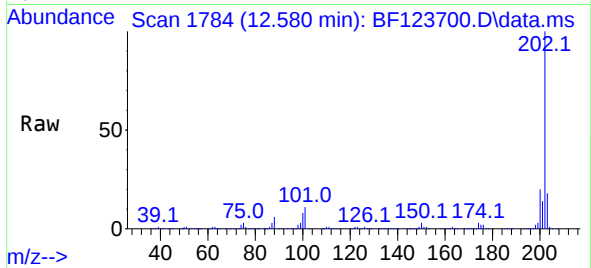
Tgt Ion:149 Resp: 1939806
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.8
104 5.1 4.6 6.8





#75
Fluoranthene
Concen: 42.47 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

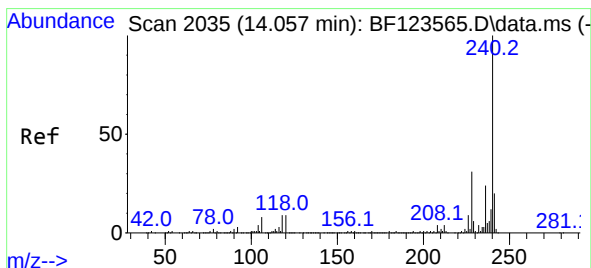
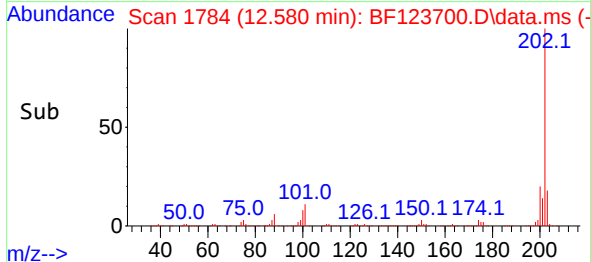
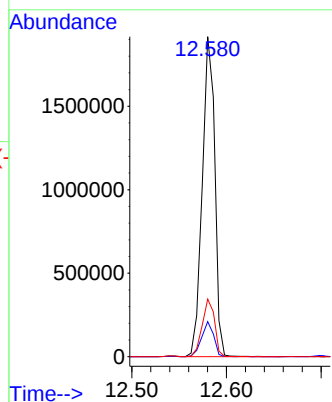
Instrument :
BNA_F
ClientSampleId :
PE-1MS



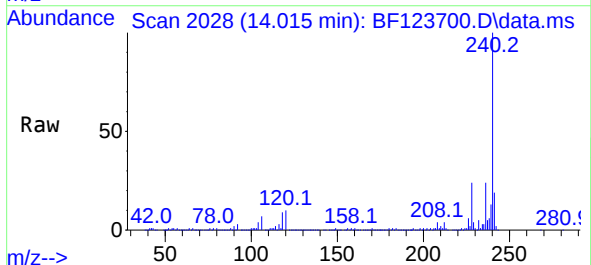
Tgt Ion:202 Resp: 1766489
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.9
203 18.0 0.0 37.5

Manual Integrations
APPROVED

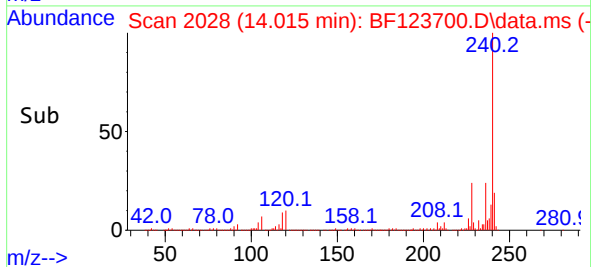
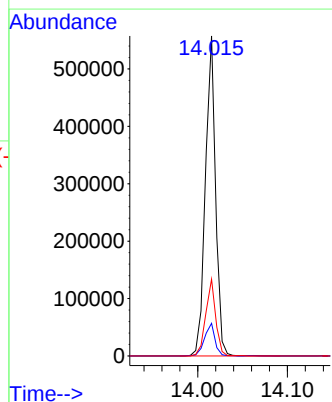
mohammad
4/26/2021 11:36:05 AM

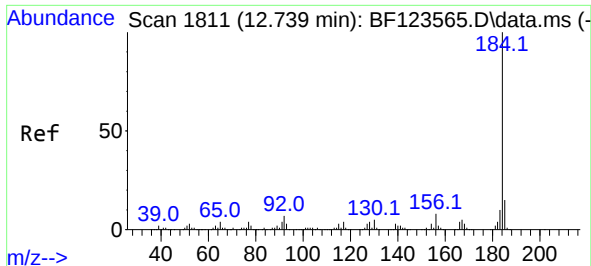


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

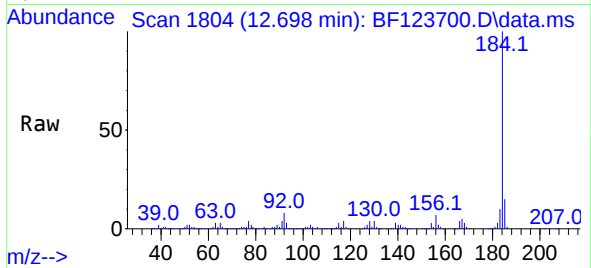


Tgt Ion:240 Resp: 439159
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 24.0 19.0 28.4

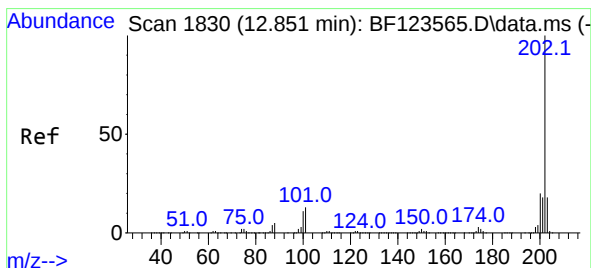
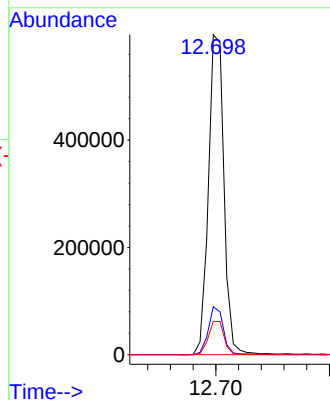
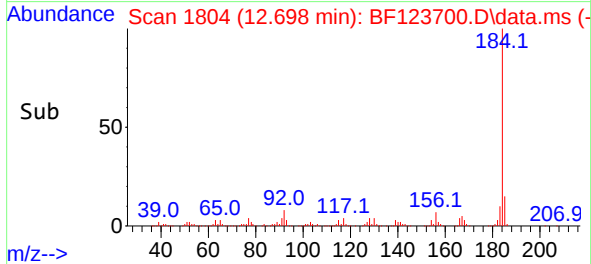




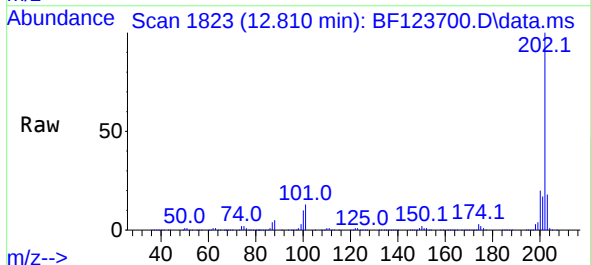
#77
Benzidine
Concen: 47.39 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



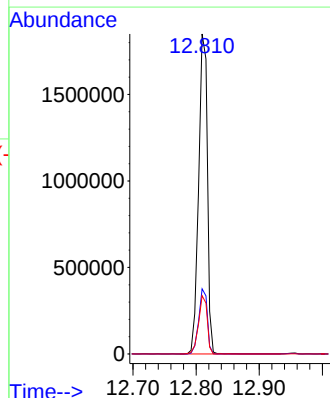
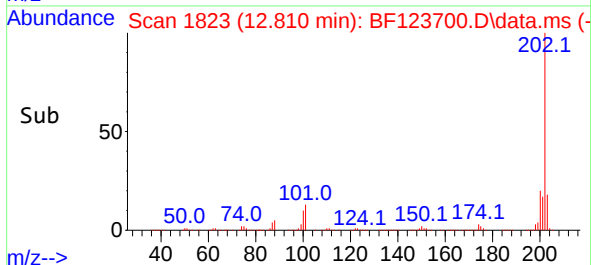
Tgt Ion:184 Resp: 565695
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 10.4 7.8 11.8



#78
Pyrene
Concen: 55.27 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



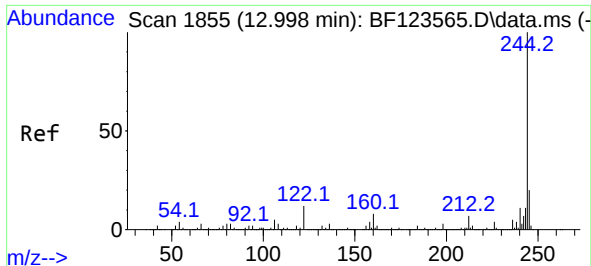
Tgt Ion:202 Resp: 1771336
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 18.2 14.8 22.2



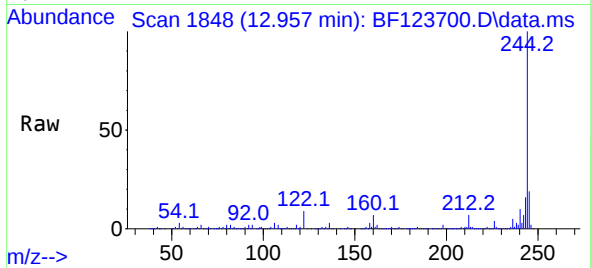
Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

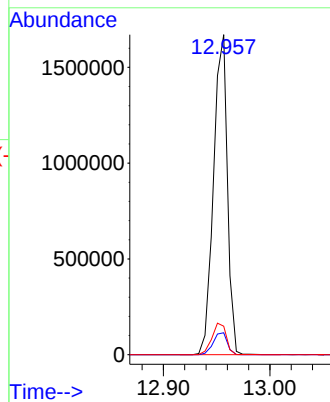
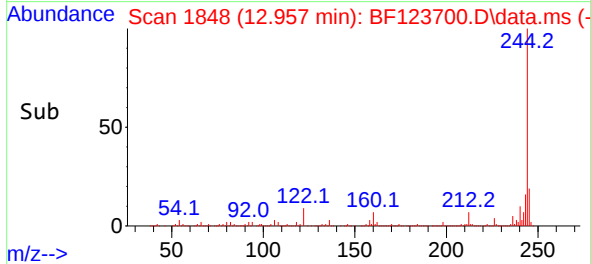
mohammad
4/26/2021 11:36:05 AM



#79
Terphenyl-d14
Concen: 66.97 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



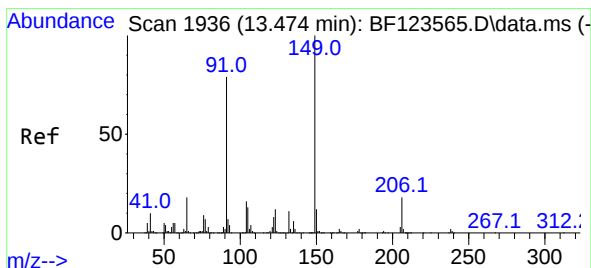
Tgt Ion:244 Resp: 1513214
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.9 9.7 14.5#



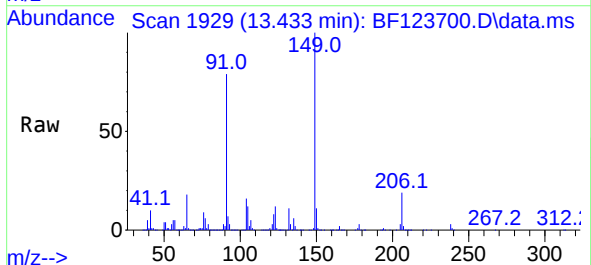
Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

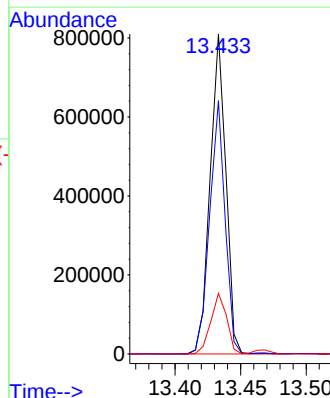
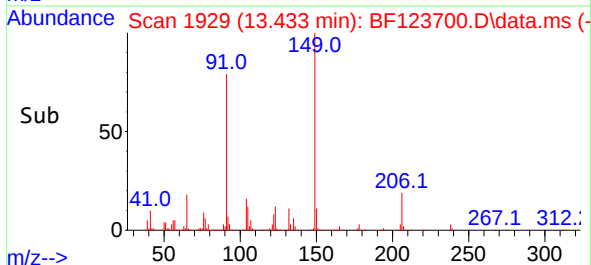
mohammad
4/26/2021 11:36:05 AM

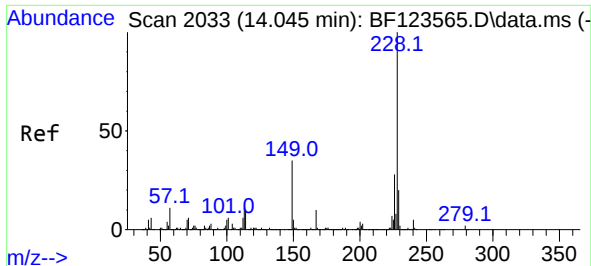


#80
Butylbenzylphthalate
Concen: 45.03 ng
RT: 13.433 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



Tgt Ion:149 Resp: 678097
Ion Ratio Lower Upper
149 100
91 79.2 63.6 95.4
206 18.9 14.5 21.7





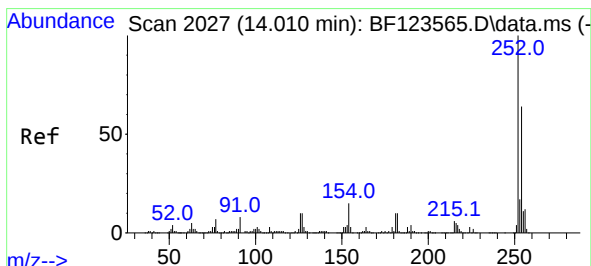
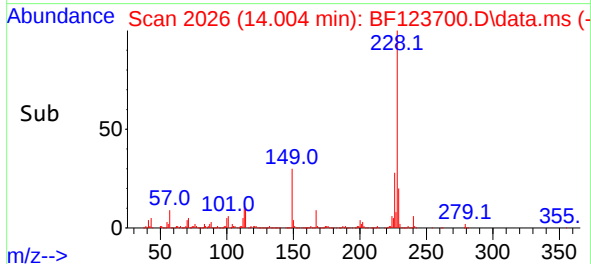
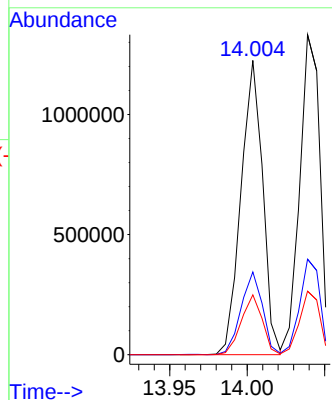
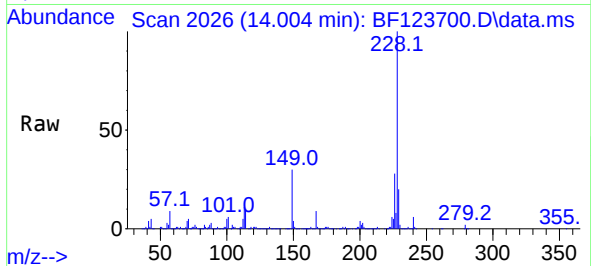
#81
Benzo(a)anthracene
Concen: 44.32 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:228 Resp: 1192821
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.3 16.0 24.0

Instrument :
BNA_F
ClientSampled :
PE-1MS

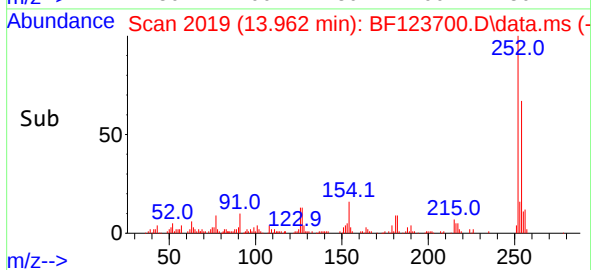
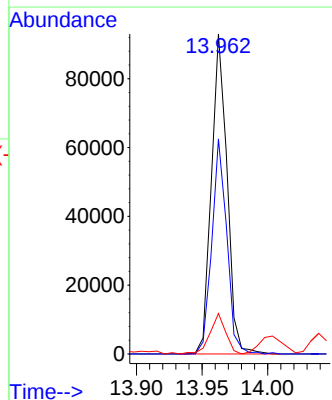
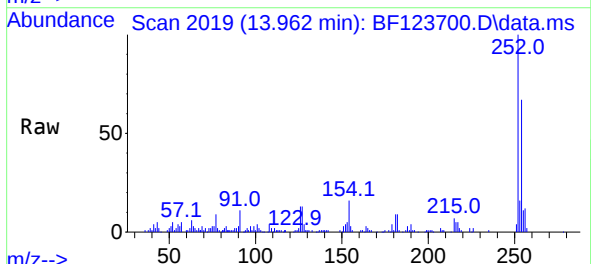
Manual Integrations
APPROVED

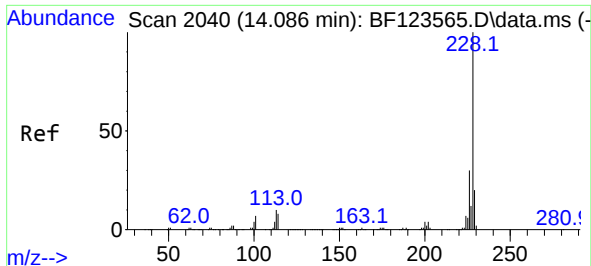
mohammad
4/26/2021 11:36:05 AM



#82
3,3'-Dichlorobenzidine
Concen: 8.98 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:252 Resp: 77164
Ion Ratio Lower Upper
252 100
254 67.2 51.1 76.7
126 12.7 7.7 11.5#





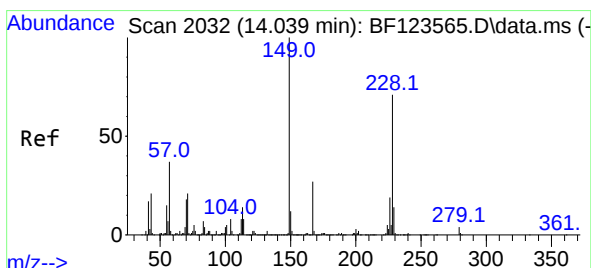
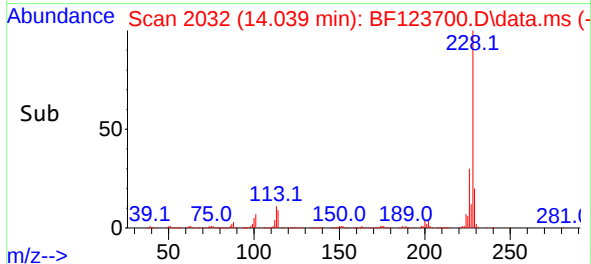
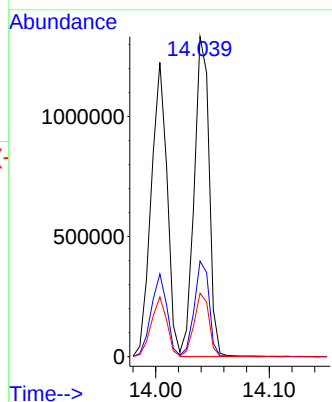
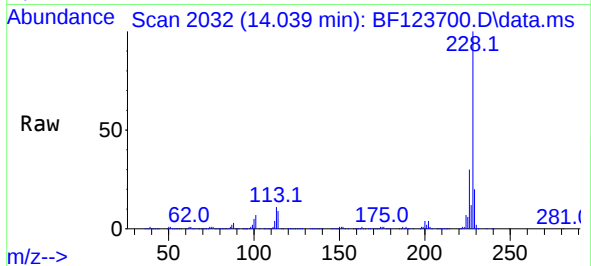
#83
Chrysene
Concen: 45.05 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Instrument :
BNA_F
ClientSampled :
PE-1MS

Tgt Ion:228 Resp: 1217478
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.9 16.2 24.2

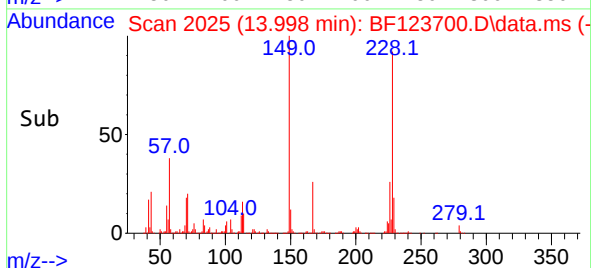
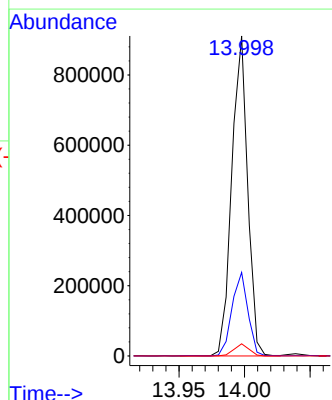
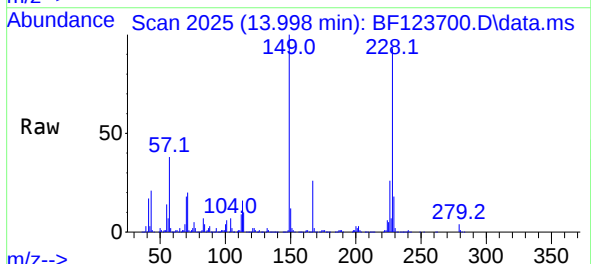
Manual Integrations
APPROVED

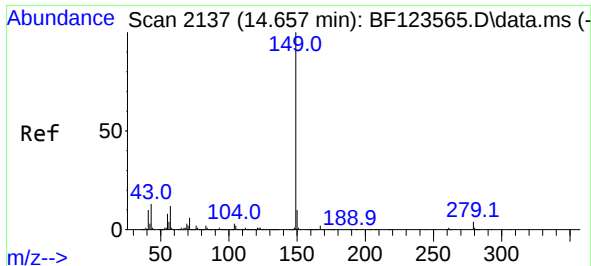
mohammad
4/26/2021 11:36:05 AM



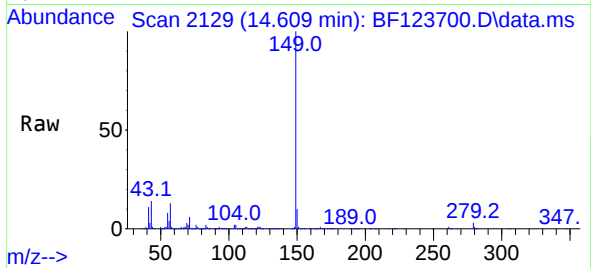
#84
Bis(2-ethylhexyl)phthalate
Concen: 38.33 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:149 Resp: 767700
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.6
279 3.8 3.3 4.9

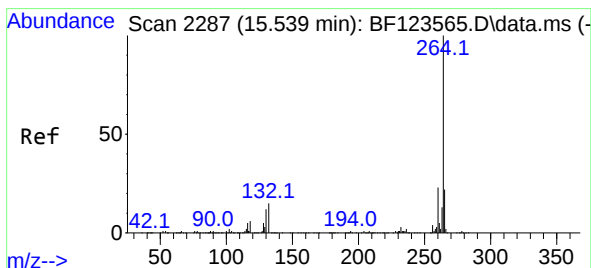
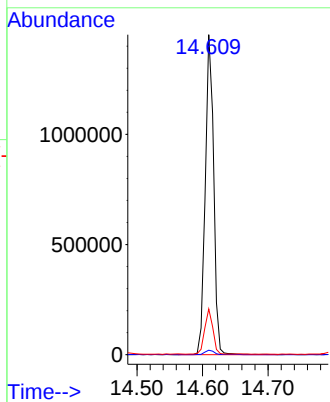
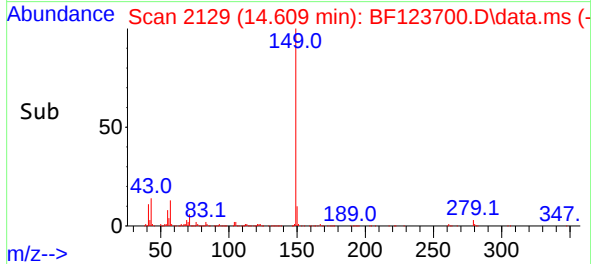




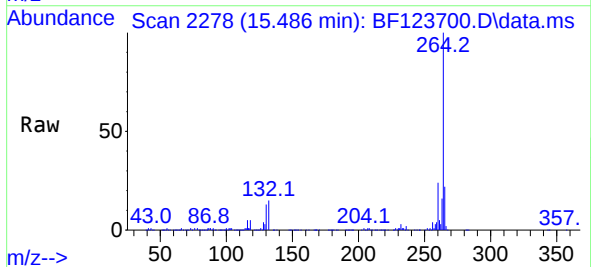
#85
Di-n-octyl phthalate
Concen: 40.17 ng
RT: 14.609 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



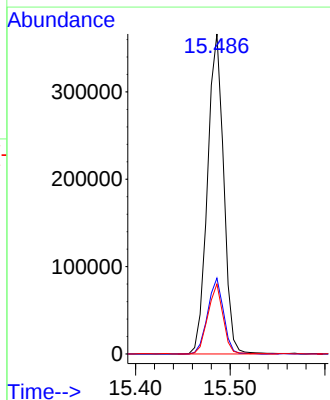
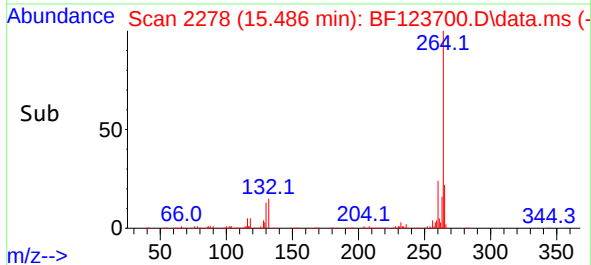
Tgt Ion:149 Resp: 1294754
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.7 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50



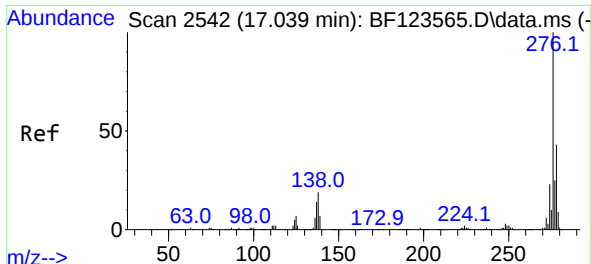
Tgt Ion:264 Resp: 433436
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.8 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

mohammad
4/26/2021 11:36:05 AM



#87
Indeno(1,2,3-cd)pyrene
Concen: 62.48 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

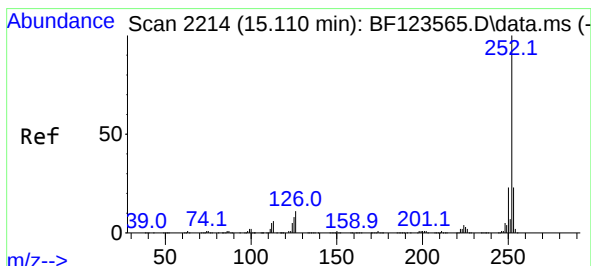
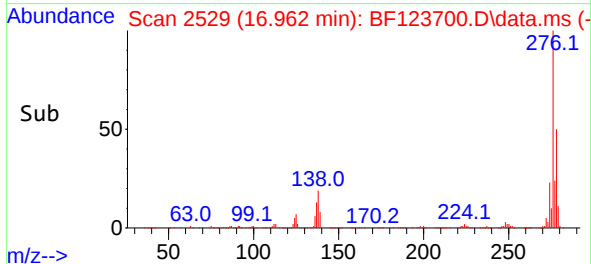
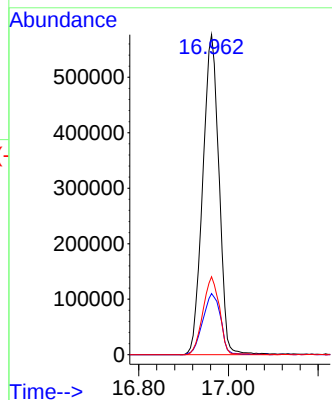
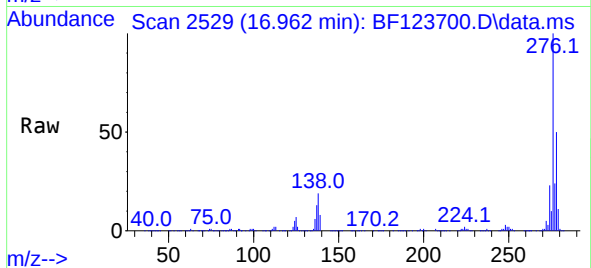
Tgt Ion: 276 Resp: 1444882

Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.2	24.2
277	24.7	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

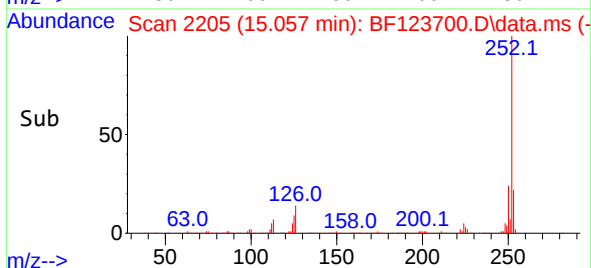
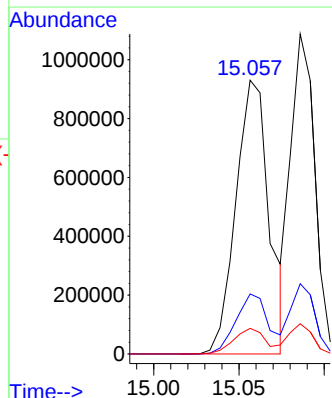
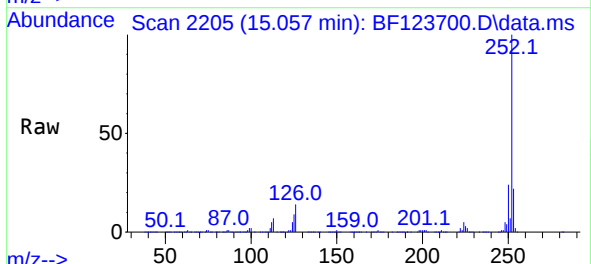
mohammad
4/26/2021 11:36:05 AM

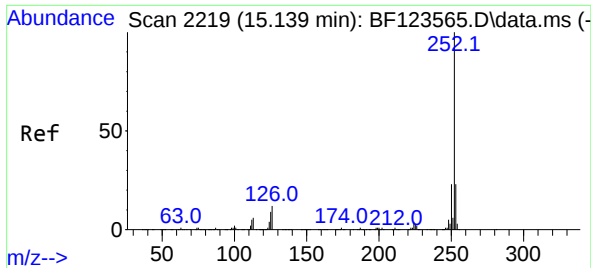


#88
Benzo(b)fluoranthene
Concen: 41.35 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 252 Resp: 1265522

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	9.3	6.2	9.4





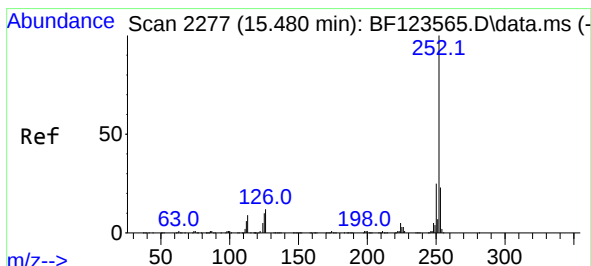
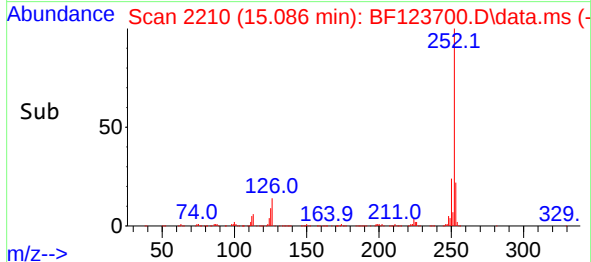
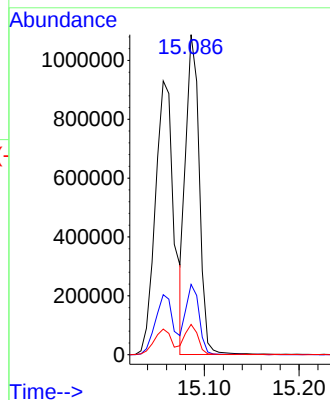
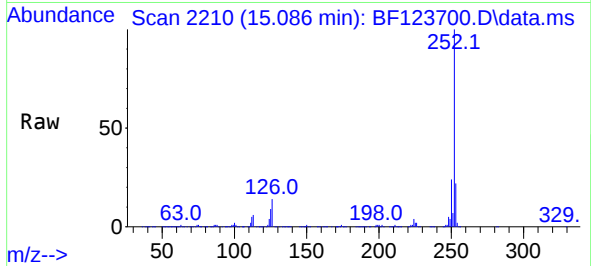
#89
Benzo(k)fluoranthene
Concen: 39.18 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:252 Resp: 1079559
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.5 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
PE-1MS

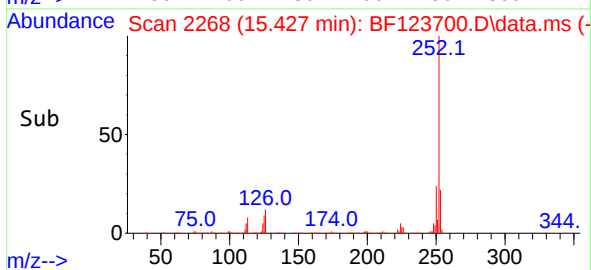
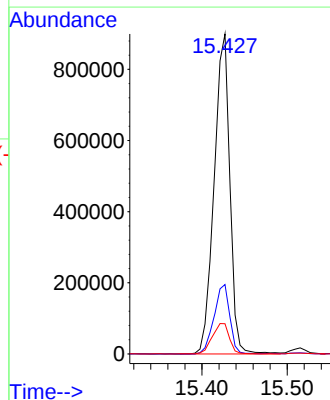
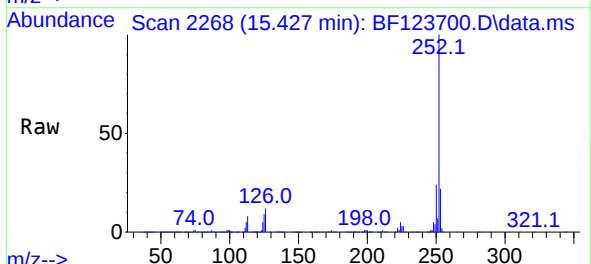
Manual Integrations
APPROVED

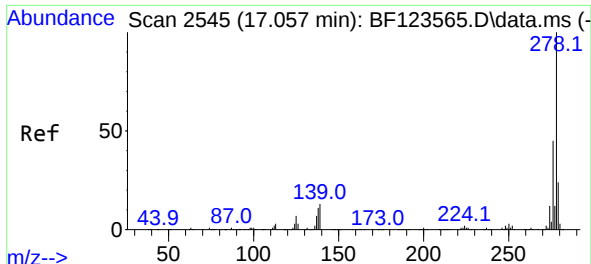
mohammad
4/26/2021 11:36:05 AM



#90
Benzo(a)pyrene
Concen: 47.34 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion:252 Resp: 1152233
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 9.4 8.0 12.0





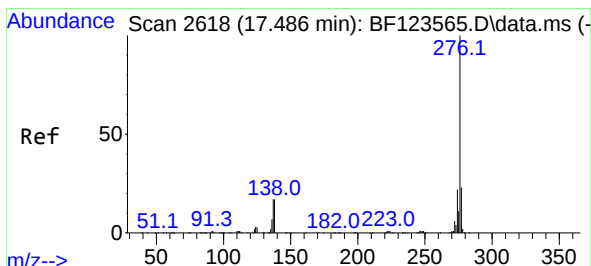
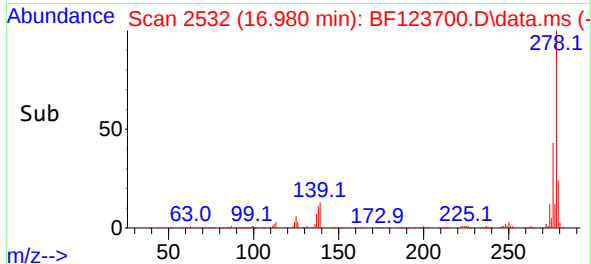
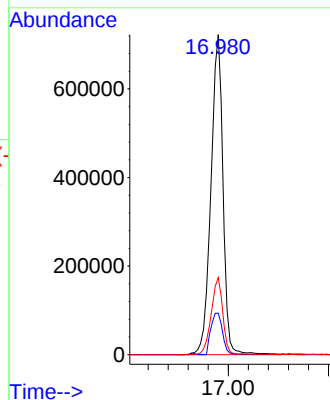
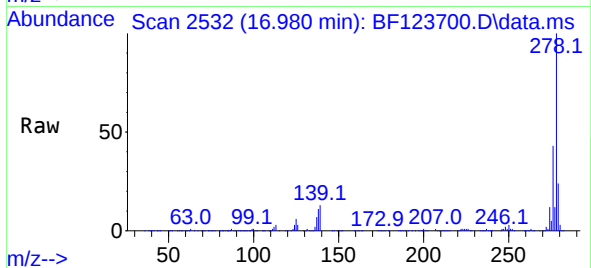
#91
Dibenzo(a,h)anthracene
Concen: 61.75 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 278 Resp: 1207791
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 24.1 19.4 29.0

Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations
APPROVED

mohammad
4/26/2021 11:36:05 AM



#92
Benzo(g,h,i)perylene
Concen: 61.56 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF123700.D
Acq: 23 Apr 2021 18:50

Tgt Ion: 276 Resp: 1273754
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.2
138 17.8 13.8 20.6

