

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124760.D
 Acq On : 26 Jul 2021 11:51
 Operator : JU/CG
 Sample : PB137846BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137846BS

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:05:07 PM

Quant Time: Jul 26 12:44:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	6661	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	27780	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	14651	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	26004	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	17417	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	13665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	51731	131.495	ng	0.02
7) Phenol-d6	6.504	99	61889	125.486	ng	0.00
23) Nitrobenzene-d5	7.440	82	34164	73.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	14951	118.854	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	72088	72.268	ng	0.00
79) Terphenyl-d14	12.986	244	67740	66.668	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	6800	49.449	ng	# 100
3) Pyridine	3.546	79	15383	47.254	ng	93
4) n-Nitrosodimethylamine	3.510	42	13784	53.542	ng	# 94
6) Aniline	6.540	93	22288	43.972	ng	97
8) 2-Chlorophenol	6.663	128	23119	52.103	ng	93
9) Benzaldehyde	6.422	77	11148	41.983	ng	89
10) Phenol	6.516	94	25986	55.021	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	20844	55.662	ng	96
12) 1,3-Dichlorobenzene	6.816	146	24954	51.744	ng	93
13) 1,4-Dichlorobenzene	6.893	146	25467	52.785	ng	98
14) 1,2-Dichlorobenzene	7.045	146	23951	51.380	ng	96
15) Benzyl Alcohol	7.016	79	17258	53.212	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.145	45	33874	53.744	ng	94
17) 2-Methylphenol	7.128	107	17430	53.920	ng	95
18) Hexachloroethane	7.387	117	10288	56.259	ng	92
19) n-Nitroso-di-n-propyla...	7.293	70	14339	54.447	ng	95
20) 3+4-Methylphenols	7.281	107	21980	51.464	ng	# 80
22) Acetophenone	7.287	105	31394	48.766	ng	98
24) Nitrobenzene	7.457	77	21934	47.932	ng	94
25) Isophorone	7.698	82	38078	46.137	ng	93
26) 2-Nitrophenol	7.775	139	12715	50.167	ng	92
27) 2,4-Dimethylphenol	7.810	122	20538	52.662	ng	87
28) bis(2-Chloroethoxy)met...	7.904	93	25489	53.145	ng	96
29) 2,4-Dichlorophenol	8.010	162	19670	47.623	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	21673	47.876	ng	99
31) Naphthalene	8.181	128	66459	45.842	ng	97
32) Benzoic acid	7.940	122	13285m	44.010	ng	
33) 4-Chloroaniline	8.222	127	12276	22.518	ng	# 94
34) Hexachlorobutadiene	8.292	225	12422	45.905	ng	97
35) Caprolactam	8.604	113	5839m	54.391	ng	
36) 4-Chloro-3-methylphenol	8.710	107	19326	49.055	ng	98
37) 2-Methylnaphthalene	8.869	142	46007	47.495	ng	97
38) 1-Methylnaphthalene	8.969	142	41060	44.744	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	20003	48.933	ng	# 97
41) Hexachlorocyclopentadiene	9.022	237	30233	125.007	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	14130	48.692	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124760.D
 Acq On : 26 Jul 2021 11:51
 Operator : JU/CG
 Sample : PB137846BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137846BS

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:05:07 PM

Quant Time: Jul 26 12:44:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	14620	49.066	ng	93
46) 1,1'-Biphenyl	9.334	154	52975	48.440	ng	99
47) 2-Chloronaphthalene	9.363	162	42642	49.255	ng	96
48) 2-Nitroaniline	9.457	65	11436	50.448	ng	99
49) Acenaphthylene	9.781	152	65186	48.825	ng	98
50) Dimethylphthalate	9.639	163	48410	47.987	ng	# 97
51) 2,6-Dinitrotoluene	9.698	165	10378	46.565	ng	90
52) Acenaphthene	9.951	154	40370	45.613	ng	99
53) 3-Nitroaniline	9.869	138	6888	29.377	ng	# 93
54) 2,4-Dinitrophenol	9.975	184	11899	92.329	ng	92
55) Dibenzofuran	10.122	168	59197	46.807	ng	99
56) 4-Nitrophenol	10.034	139	17579	94.940	ng	96
57) 2,4-Dinitrotoluene	10.104	165	13957	46.147	ng	# 100
58) Fluorene	10.463	166	46013	47.427	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11681	49.639	ng	# 93
60) Diethylphthalate	10.339	149	50610	48.244	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	22053	47.021	ng	93
62) 4-Nitroaniline	10.486	138	10649	45.900	ng	93
63) Azobenzene	10.616	77	45152	48.651	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	7015	41.655	ng	99
66) n-Nitrosodiphenylamine	10.575	169	39579	46.968	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	13092	47.471	ng	# 88
68) Hexachlorobenzene	11.016	284	13732	47.943	ng	# 86
69) Atrazine	11.104	200	12206	47.641	ng	94
70) Pentachlorophenol	11.204	266	16750	94.046	ng	94
71) Phenanthrene	11.428	178	64350	46.010	ng	99
72) Anthracene	11.480	178	66391	47.483	ng	99
73) Carbazole	11.633	167	56950	43.452	ng	99
74) Di-n-butylphthalate	11.963	149	82162	47.065	ng	98
75) Fluoranthene	12.616	202	65204	45.686	ng	99
77) Benzidine	12.733	184	32074	65.305	ng	98
78) Pyrene	12.845	202	65777	47.704	ng	99
80) Butylbenzylphthalate	13.457	149	32095	48.598	ng	95
81) Benzo(a)anthracene	14.033	228	52113	45.774	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	11436	36.195	ng	90
83) Chrysene	14.074	228	50504	46.045	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	46167	47.459	ng	100
85) Di-n-octyl phthalate	14.627	149	73177	46.357	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	36487	46.249	ng	98
88) Benzo(b)fluoranthene	15.086	252	44201	45.941	ng	# 97
89) Benzo(k)fluoranthene	15.116	252	40772	46.379	ng	99
90) Benzo(a)pyrene	15.457	252	38660	48.102	ng	96
91) Dibenzo(a,h)anthracene	17.015	278	30636	44.359	ng	96
92) Benzo(g,h,i)perylene	17.445	276	30630	46.769	ng	91

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

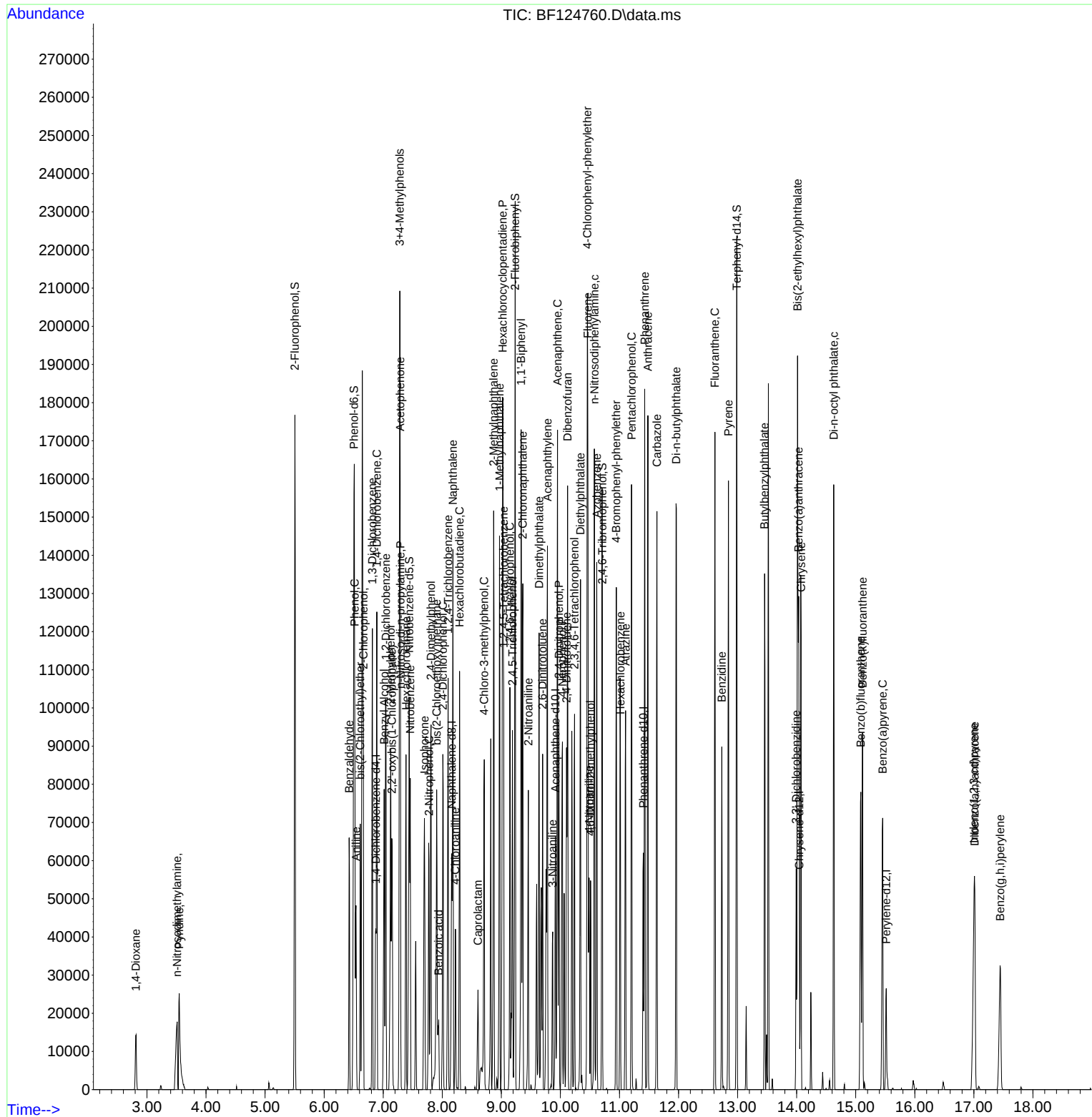
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124760.D
 Acq On : 26 Jul 2021 11:51
 Operator : JU/CG
 Sample : PB137846BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

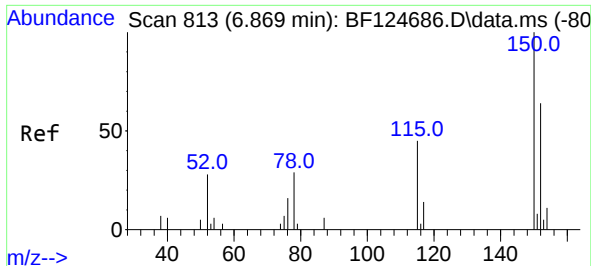
Instrument :
 BNA_F
 ClientSampleId :
 PB137846BS

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:05:07 PM

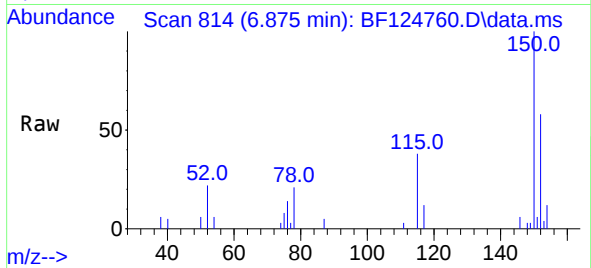
Quant Time: Jul 26 12:44:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

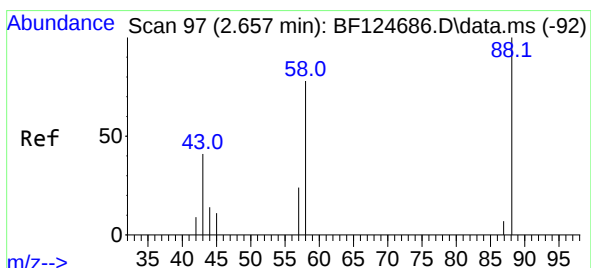
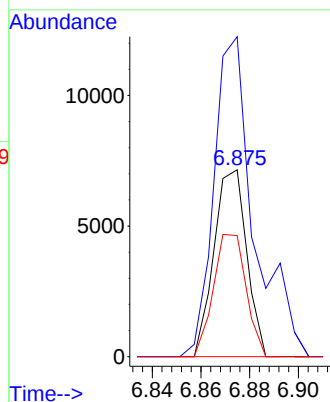
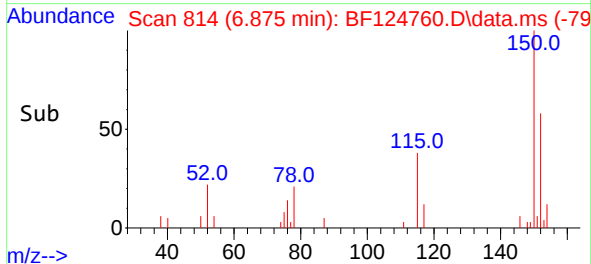
Instrument :
BNA_F
ClientSampled :
PB137846BS



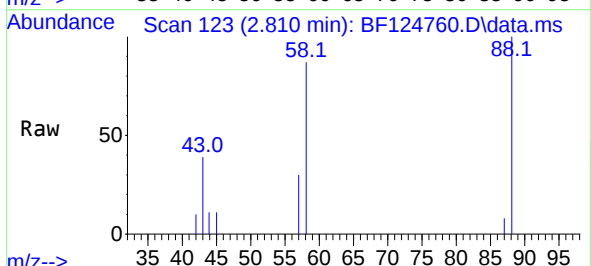
Tgt Ion:152 Resp: 6661
Ion Ratio Lower Upper
152 100
150 171.3 117.6 176.4
115 64.8 47.1 70.7

Manual Integrations
APPROVED

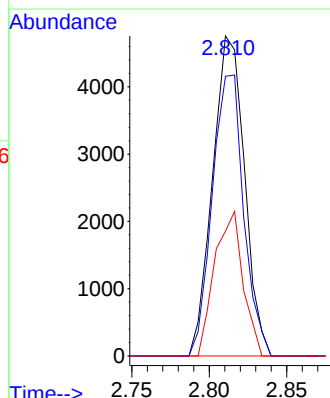
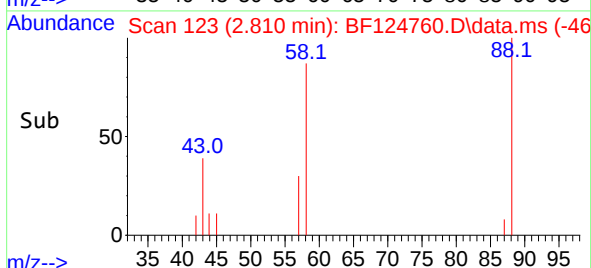
mohammad
7/27/2021 12:05:07 PM



#2
1,4-Dioxane
Concen: 49.449 ng
RT: 2.810 min Scan# 123
Delta R.T. 0.153 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion: 88 Resp: 6800
Ion Ratio Lower Upper
88 100
58 86.4 0.0 0.0#
43 40.1 0.0 0.0#





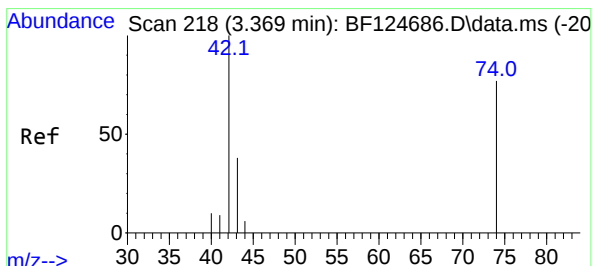
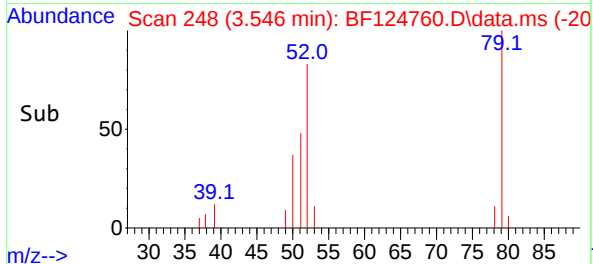
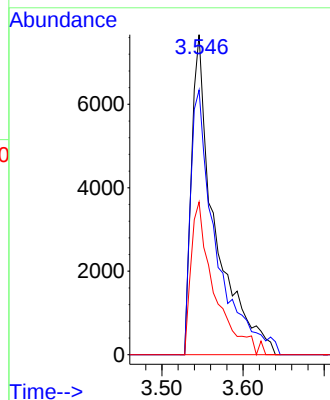
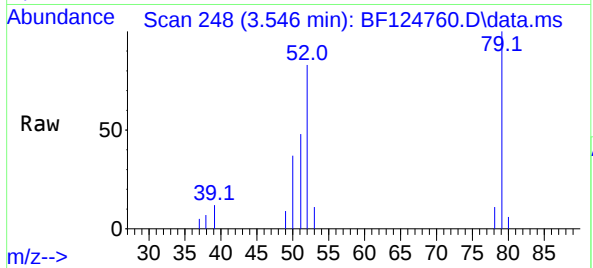
#3
Pyridine
Concen: 47.254 ng
RT: 3.546 min Scan# 248
Delta R.T. 0.135 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	79	Resp:	15383
Ion	Ratio	Lower	Upper
79	100		
52	82.7	70.3	105.5
51	47.7	44.1	66.1

Instrument :
BNA_F
ClientSampleId :
PB137846BS

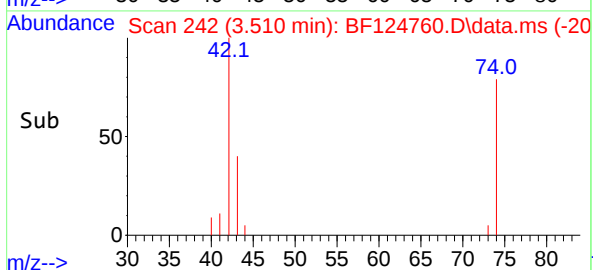
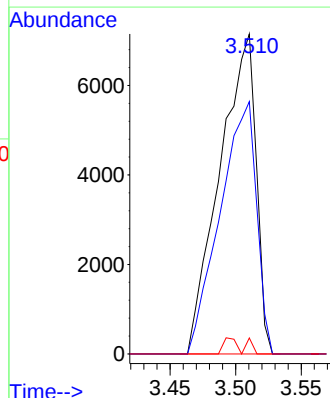
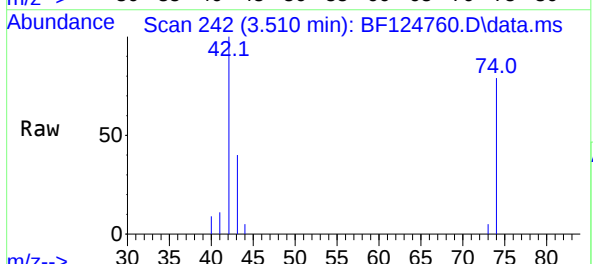
Manual Integrations
APPROVED

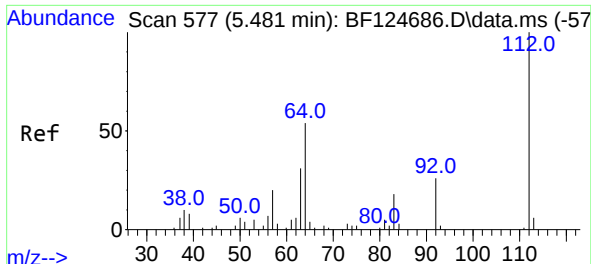
mohammad
7/27/2021 12:05:07 PM



#4
n-Nitrosodimethylamine
Concen: 53.542 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.141 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	42	Resp:	13784
Ion	Ratio	Lower	Upper
42	100		
74	78.8	59.0	88.6
44	5.0	0.0	0.0





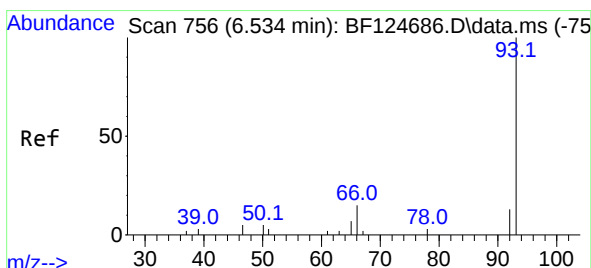
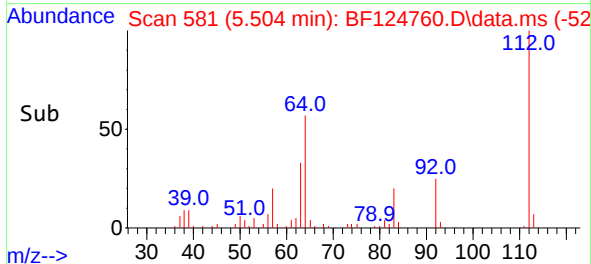
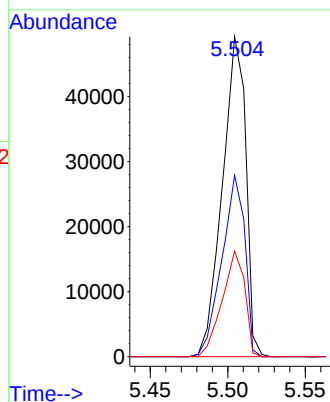
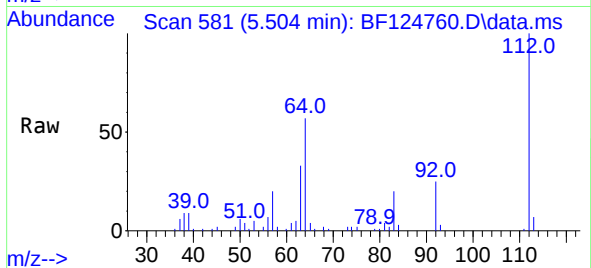
#5
2-Fluorophenol
Concen: 131.495 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Instrument :
BNA_F
ClientSampled :
PB137846BS

Tgt Ion: 112 Resp: 51731
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.2
63 33.0 26.2 39.2

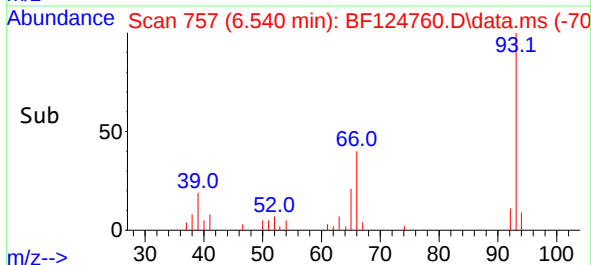
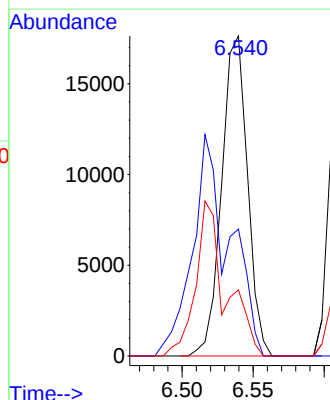
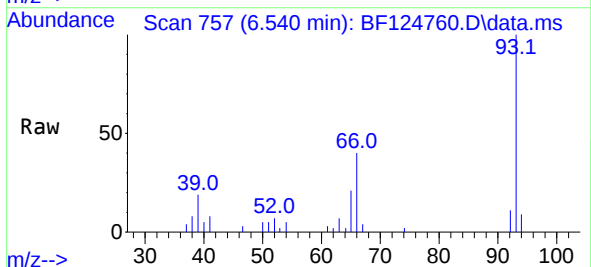
Manual Integrations
APPROVED

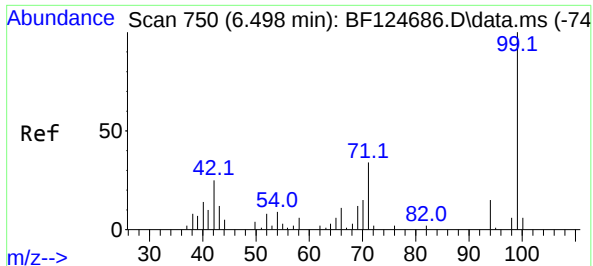
mohammad
7/27/2021 12:05:07 PM



#6
Aniline
Concen: 43.972 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion: 93 Resp: 22288
Ion Ratio Lower Upper
93 100
66 39.7 32.7 49.1
65 20.6 14.2 21.4





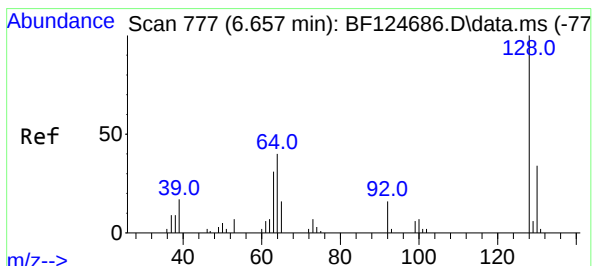
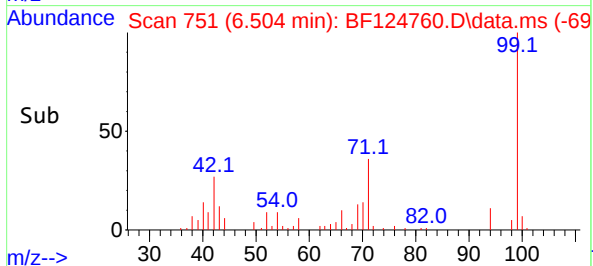
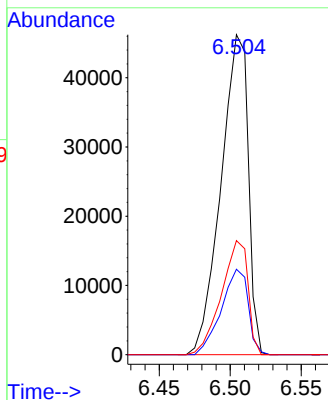
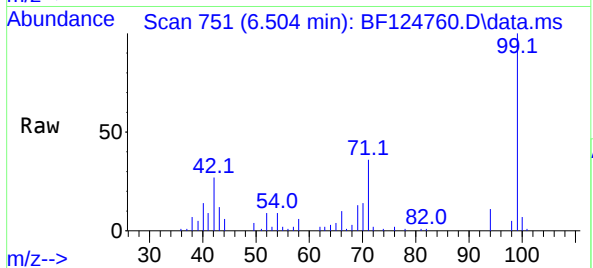
#7
Phenol-d6
Concen: 125.486 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion: 99	Resp: 61889
Ion Ratio	Lower Upper
99 100	
42 26.7	23.5 35.3
71 35.6	25.6 38.4

Instrument :
BNA_F
ClientSampled :
PB137846BS

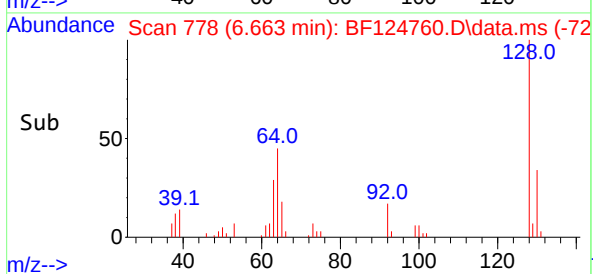
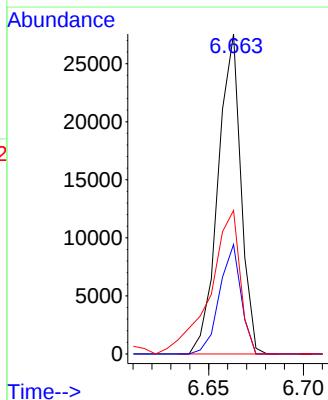
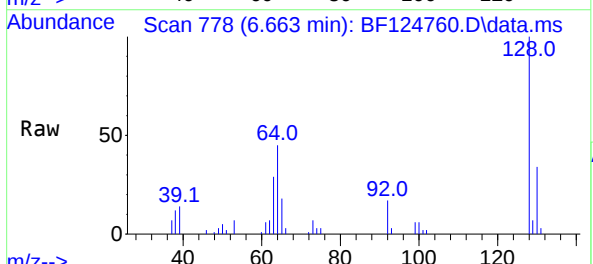
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#8
2-Chlorophenol
Concen: 52.103 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

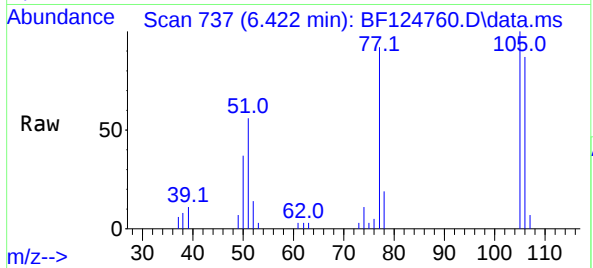
Tgt Ion:128	Resp: 23119
Ion Ratio	Lower Upper
128 100	
130 34.2	10.5 50.5
64 44.8	20.3 60.3





#9
Benzaldehyde
Concen: 41.983 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

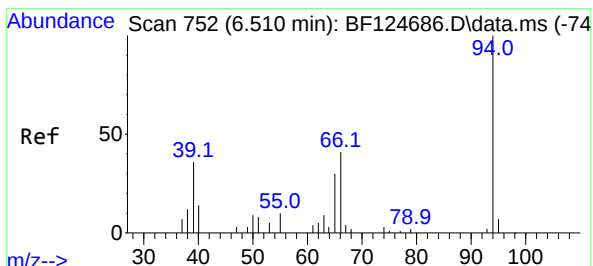
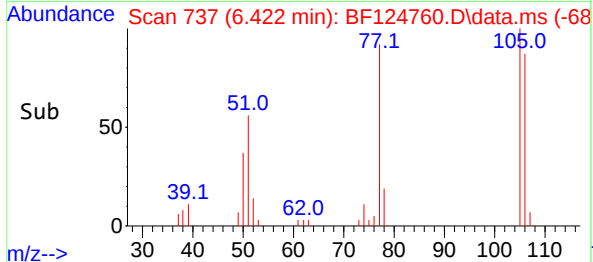
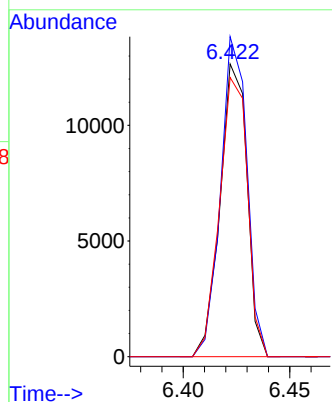
Instrument :
BNA_F
ClientSampleId :
PB137846BS



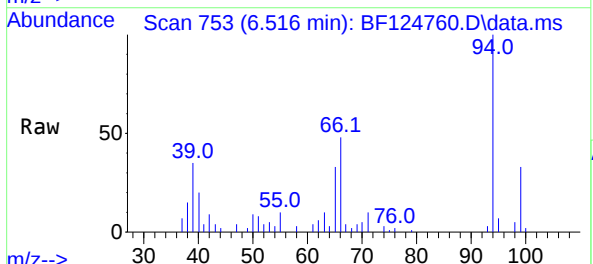
Tgt Ion: 77 Resp: 11148
Ion Ratio Lower Upper
77 100
105 109.3 75.9 115.9
106 95.3 84.0 124.0

Manual Integrations
APPROVED

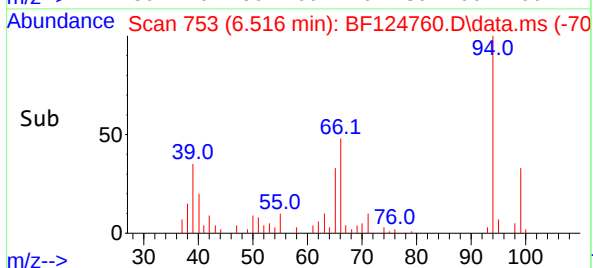
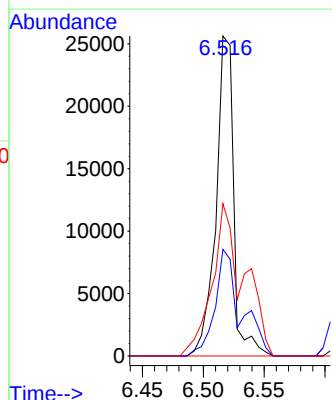
mohammad
7/27/2021 12:05:07 PM

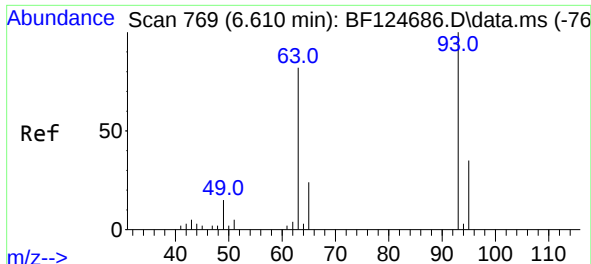


#10
Phenol
Concen: 55.021 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion: 94 Resp: 25986
Ion Ratio Lower Upper
94 100
65 33.3 9.3 49.3
66 47.6 20.3 60.3





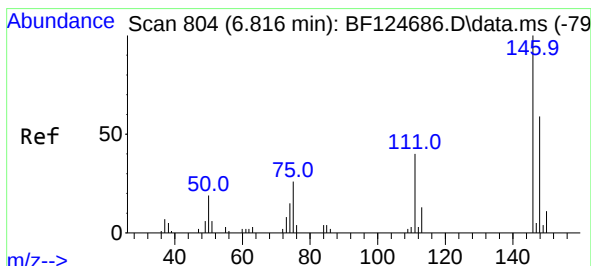
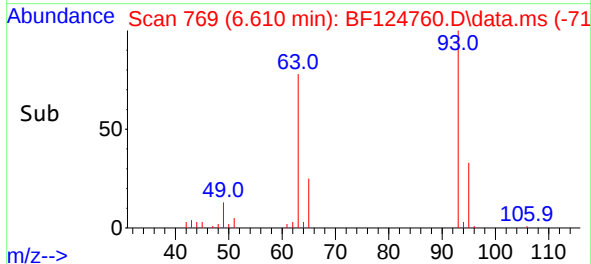
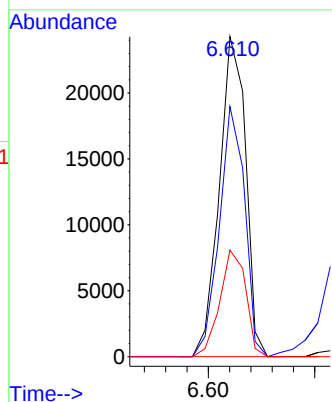
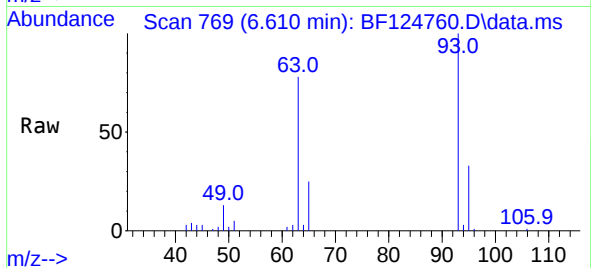
#11
bis(2-Chloroethyl)ether
Concen: 55.662 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	93	Resp:	20844
Ion	Ratio	Lower	Upper
93	100		
63	78.1	54.4	94.4
95	33.3	11.4	51.4

Instrument :
BNA_F
ClientSampleId :
PB137846BS

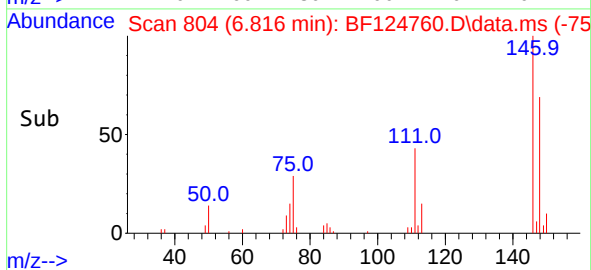
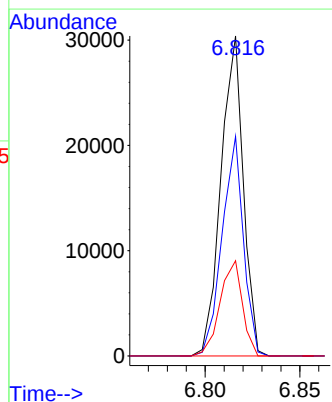
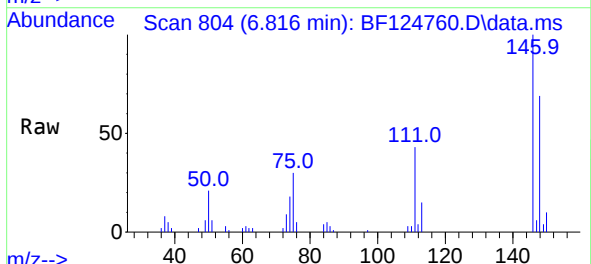
Manual Integrations
APPROVED

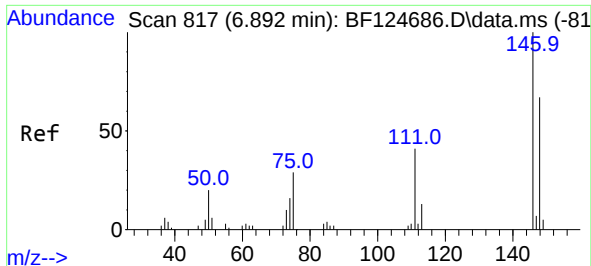
mohammad
7/27/2021 12:05:07 PM



#12
1,3-Dichlorobenzene
Concen: 51.744 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	146	Resp:	24954
Ion	Ratio	Lower	Upper
146	100		
148	68.6	49.7	74.5
75	29.8	25.2	37.8





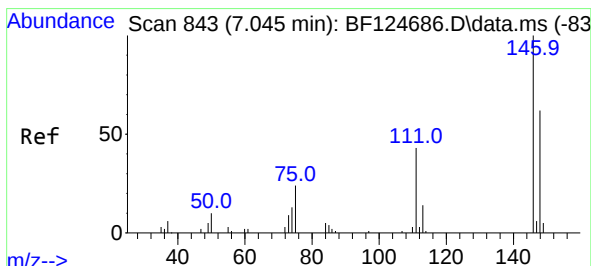
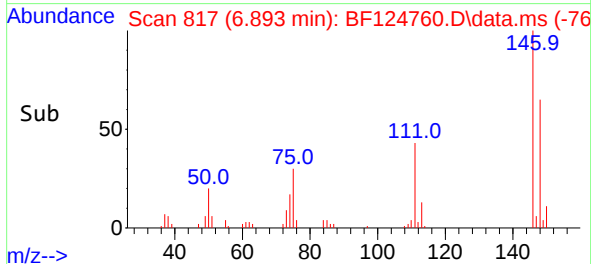
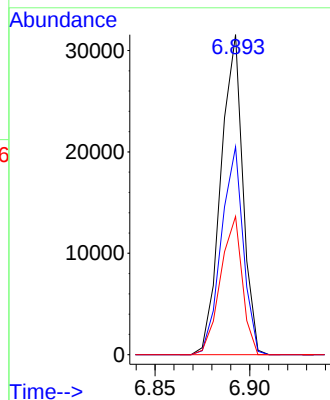
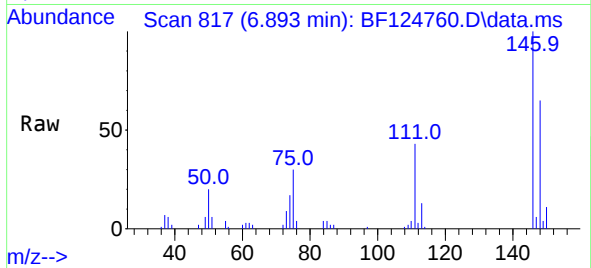
#13
1,4-Dichlorobenzene
Concen: 52.785 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:146 Resp: 25467
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
111 43.2 31.8 47.6

Instrument :
BNA_F
ClientSampleId :
PB137846BS

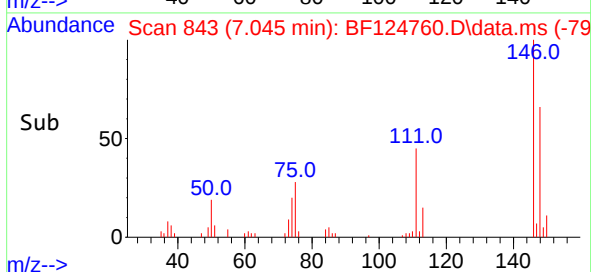
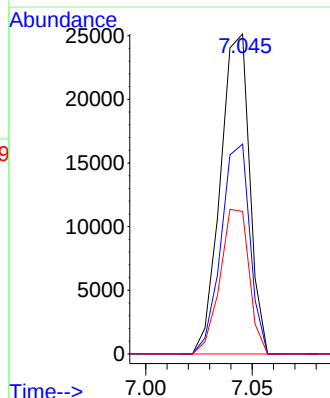
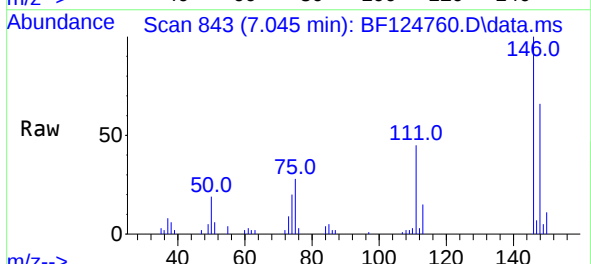
Manual Integrations
APPROVED

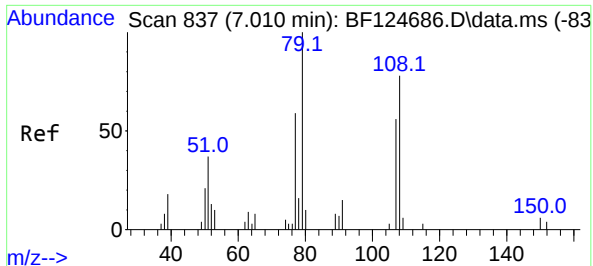
mohammad
7/27/2021 12:05:07 PM



#14
1,2-Dichlorobenzene
Concen: 51.380 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:146 Resp: 23951
Ion Ratio Lower Upper
146 100
148 65.6 50.6 75.8
111 44.5 33.5 50.3





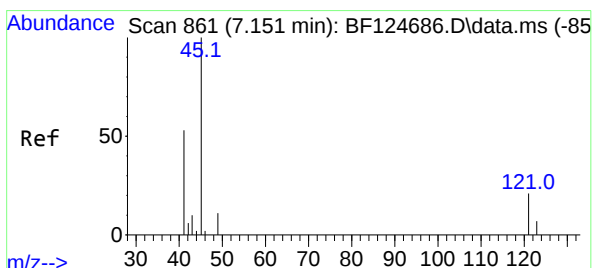
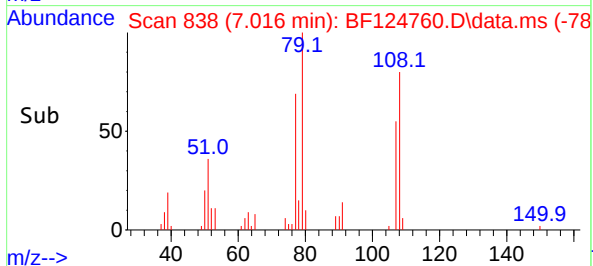
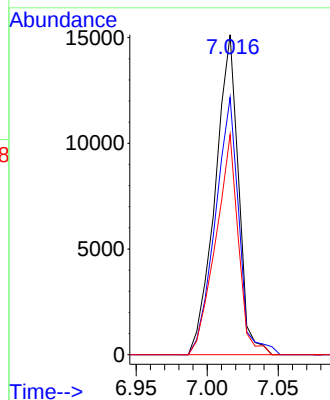
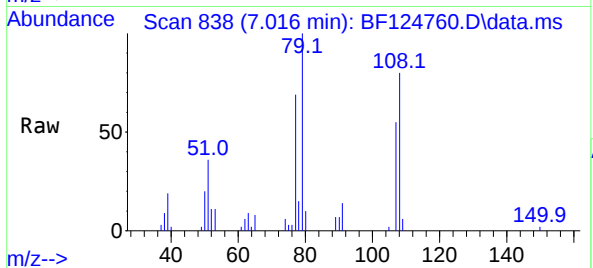
#15
Benzyl Alcohol
Concen: 53.212 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion: 79 Resp: 17258
Ion Ratio Lower Upper
79 100
108 80.4 60.4 90.6
77 68.8 51.5 77.3

Instrument :
BNA_F
ClientSampled :
PB137846BS

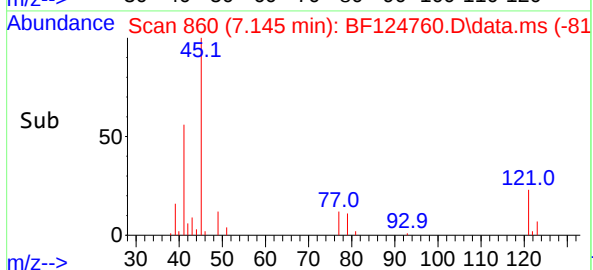
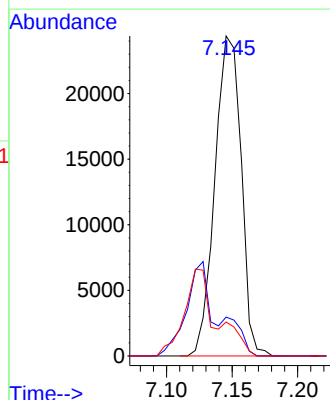
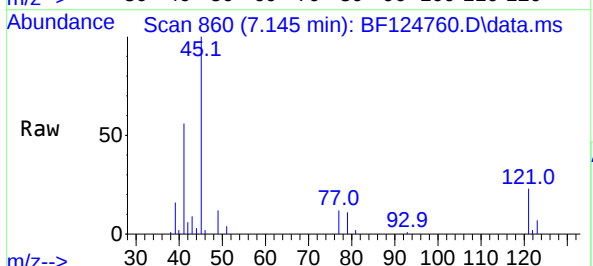
Manual Integrations
APPROVED

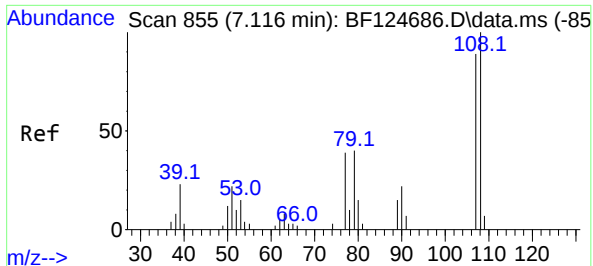
mohammad
7/27/2021 12:05:07 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.744 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion: 45 Resp: 33874
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.6
79 10.6 0.0 27.5





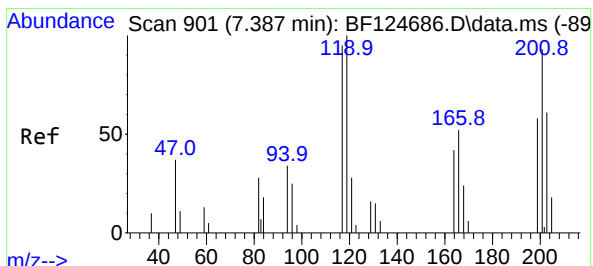
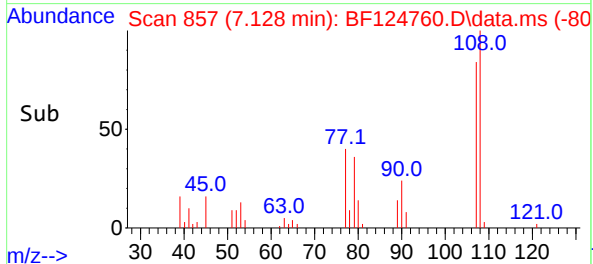
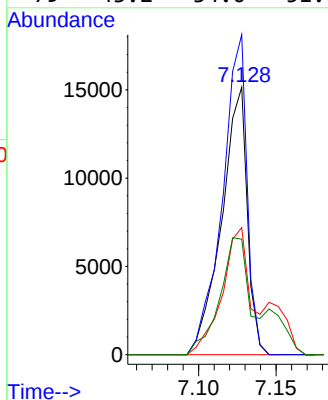
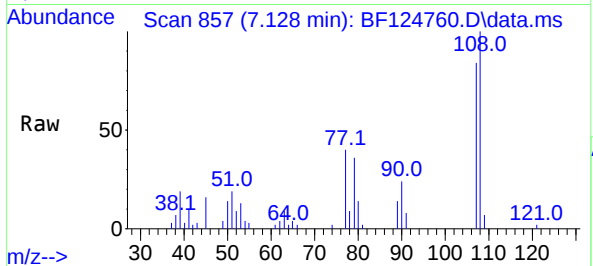
#17
2-Methylphenol
Concen: 53.920 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.012 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	107	Resp:	17430
Ion	Ratio	Lower	Upper
107	100		
108	119.6	90.6	135.8
77	47.5	35.7	53.5
79	43.2	34.0	51.0

Instrument :
BNA_F
ClientSampled :
PB137846BS

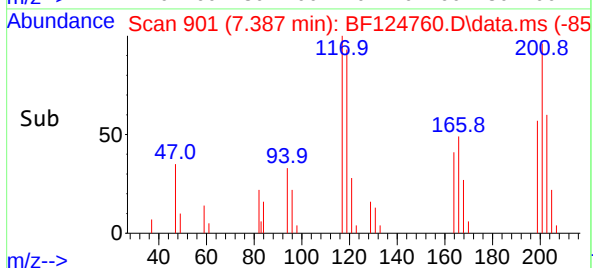
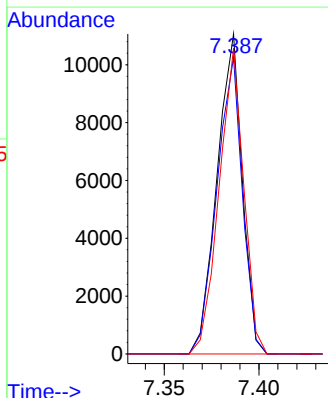
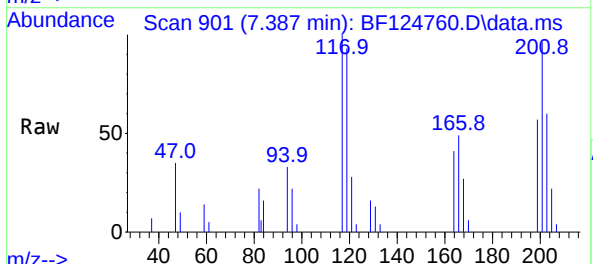
Manual Integrations
APPROVED

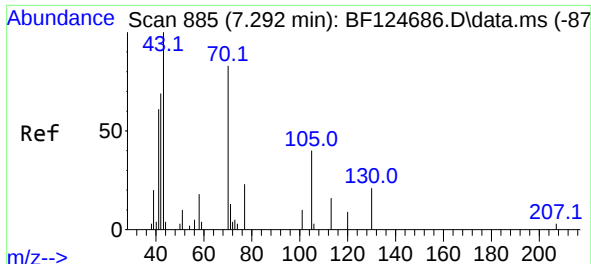
mohammad
7/27/2021 12:05:07 PM



#18
Hexachloroethane
Concen: 56.259 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

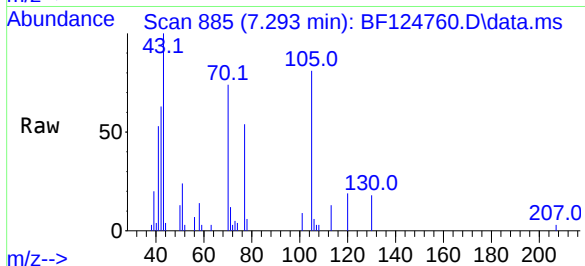
Tgt Ion:	117	Resp:	10288
Ion	Ratio	Lower	Upper
117	100		
119	92.7	73.4	110.2
201	95.6	64.9	97.3





#19
n-Nitroso-di-n-propylamine
Concen: 54.447 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

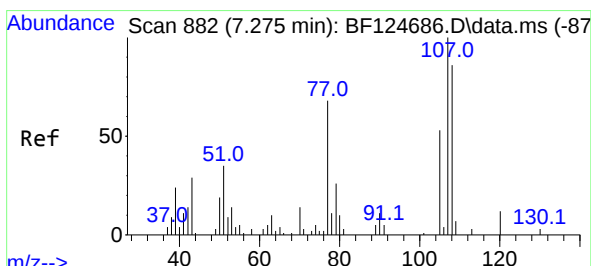
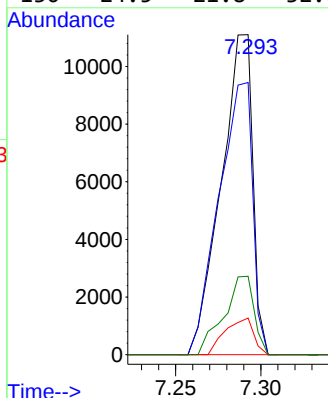
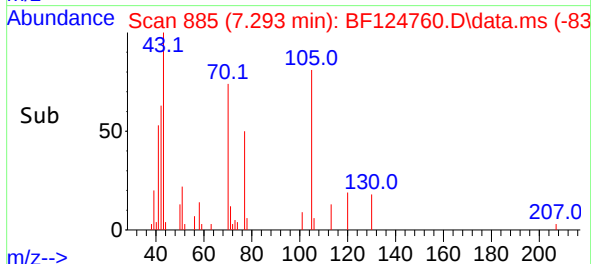
Instrument :
BNA_F
ClientSampled :
PB137846BS



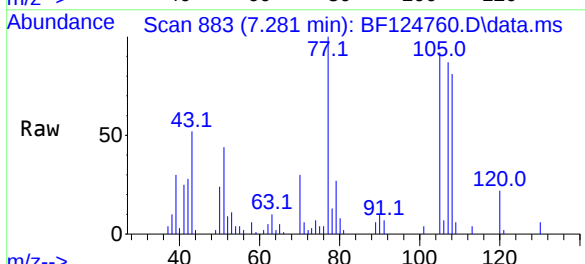
Tgt Ion: 70 Resp: 14339
Ion Ratio Lower Upper
70 100
42 85.0 72.2 108.2
101 11.5 7.8 11.8
130 24.5 21.8 32.6

Manual Integrations
APPROVED

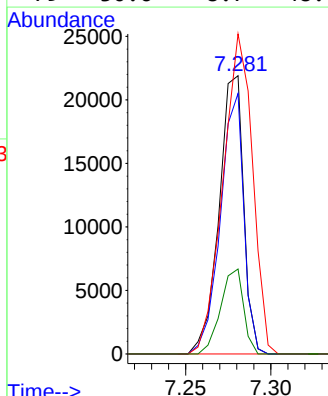
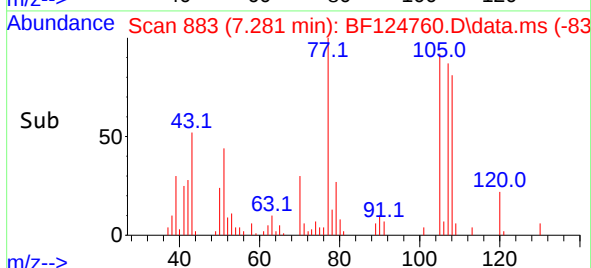
mohammad
7/27/2021 12:05:07 PM

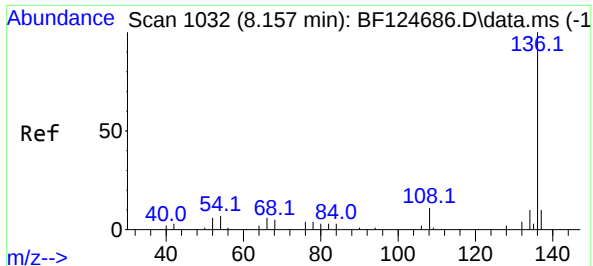


#20
3+4-Methylphenols
Concen: 51.464 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion: 107 Resp: 21980
Ion Ratio Lower Upper
107 100
108 93.6 76.6 116.6
77 115.0 53.3 93.3#
79 30.6 8.7 48.7





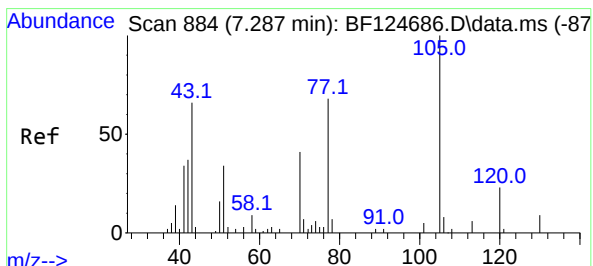
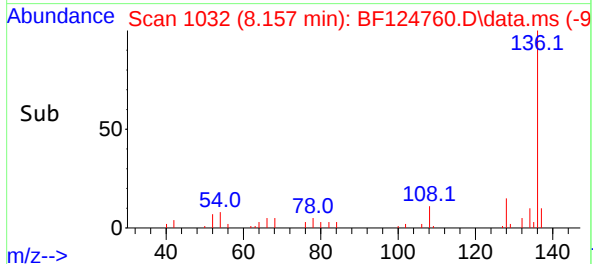
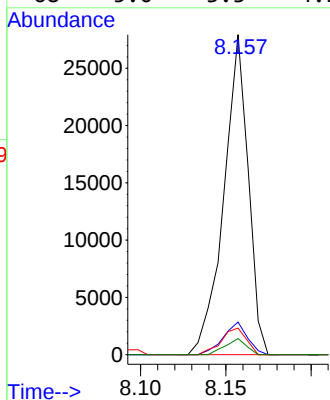
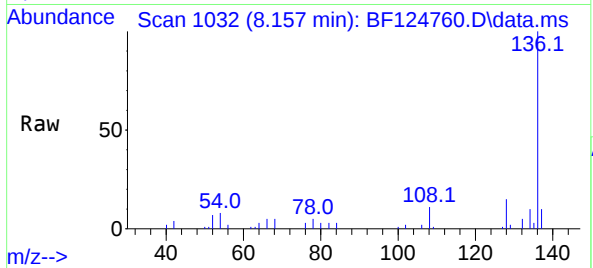
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	136	Resp:	27780
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.8	14.6
54	8.3	6.4	9.6
68	5.0	3.3	4.9#

Instrument :
BNA_F
ClientSampleId :
PB137846BS

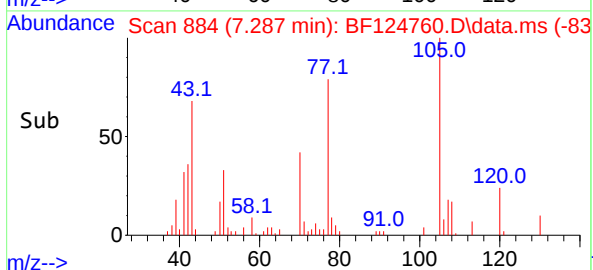
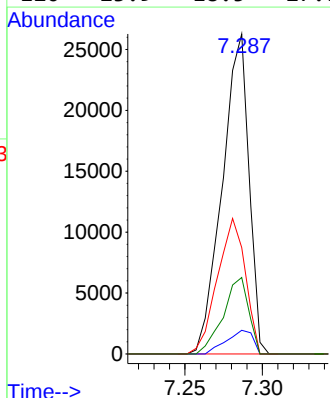
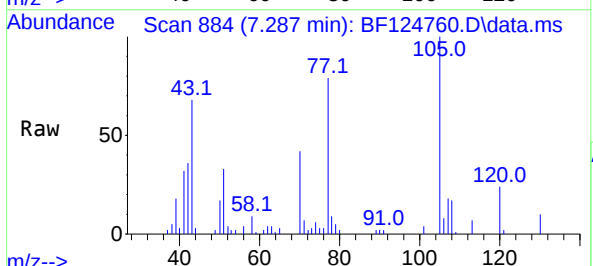
Manual Integrations
APPROVED

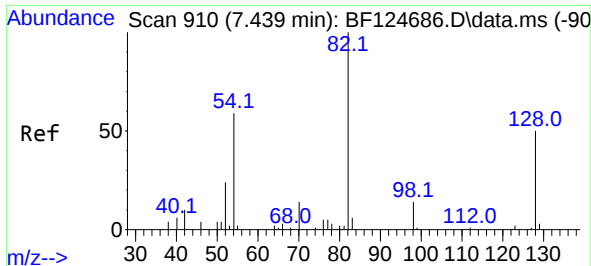
mohammad
7/27/2021 12:05:07 PM



#22
Acetophenone
Concen: 48.766 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	105	Resp:	31394
Ion Ratio	Lower	Upper	
105	100		
71	7.4	5.5	8.3
51	33.3	26.0	39.0
120	23.9	18.5	27.7





#23

Nitrobenzene-d5

Concen: 73.195 ng

RT: 7.440 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:	82	Resp:	34164
Ion Ratio	Lower	Upper	
82	100		
128	46.1	40.6	60.8
54	58.8	49.6	74.4

Instrument :

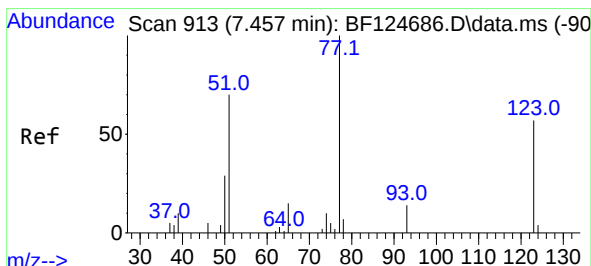
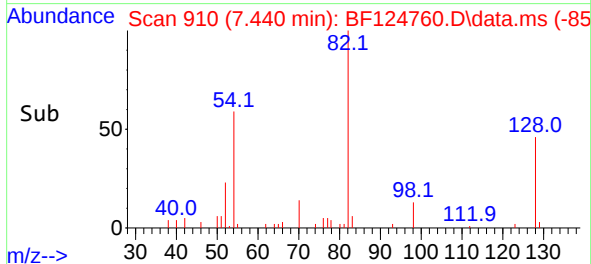
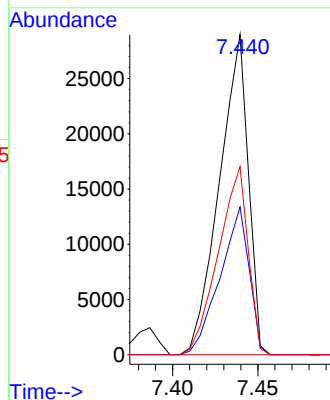
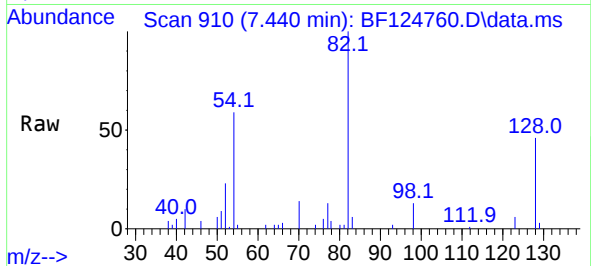
BNA_F

ClientSampleId :

PB137846BS

Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#24

Nitrobenzene

Concen: 47.932 ng

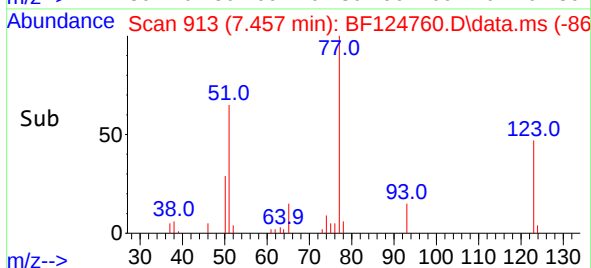
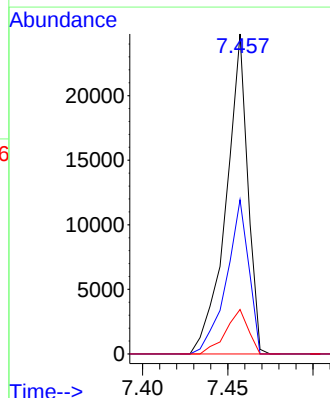
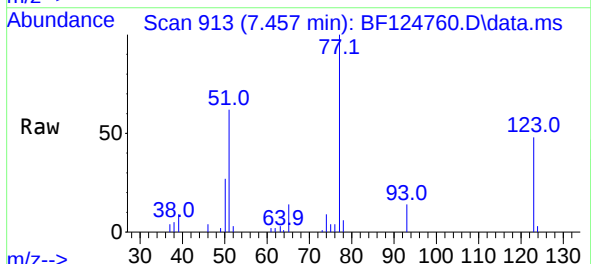
RT: 7.457 min Scan# 913

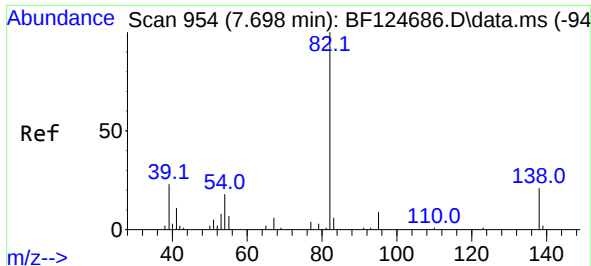
Delta R.T. 0.000 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:	77	Resp:	21934
Ion Ratio	Lower	Upper	
77	100		
123	48.2	42.3	63.5
65	13.9	12.4	18.6





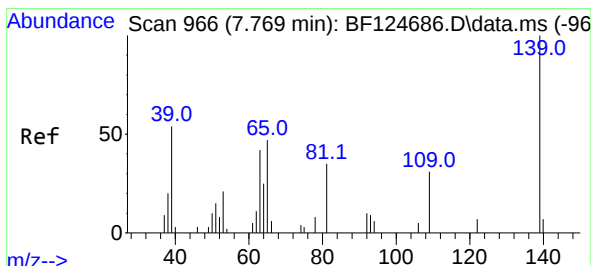
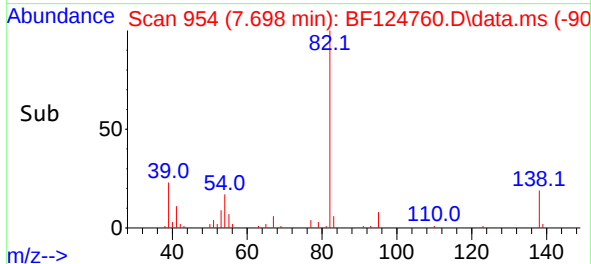
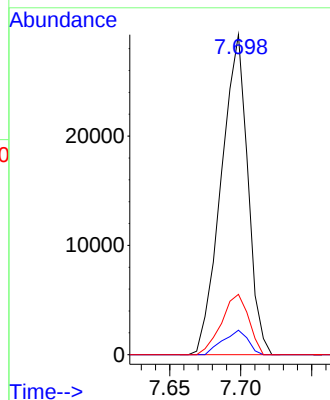
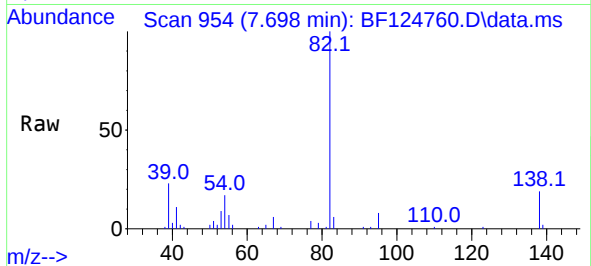
#25
Isophorone
Concen: 46.137 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	82	Resp:	38078
Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.5	9.7
138	18.8	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
PB137846BS

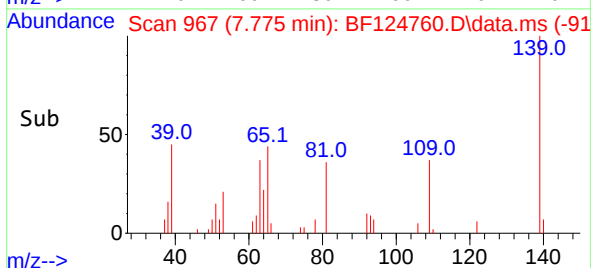
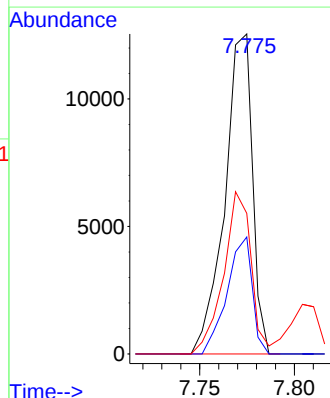
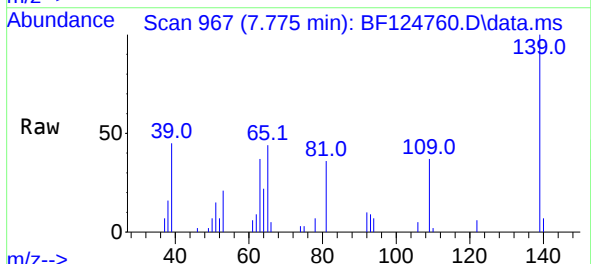
Manual Integrations
APPROVED

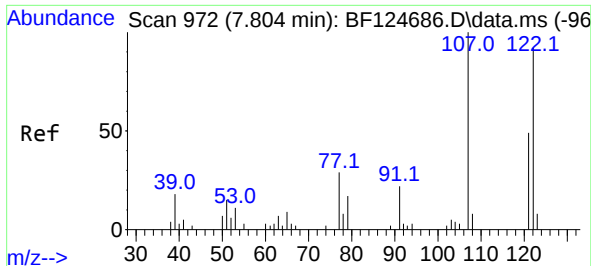
mohammad
7/27/2021 12:05:07 PM



#26
2-Nitrophenol
Concen: 50.167 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	139	Resp:	12715
Ion	Ratio	Lower	Upper
139	100		
109	36.5	26.0	39.0
65	44.0	31.0	46.4





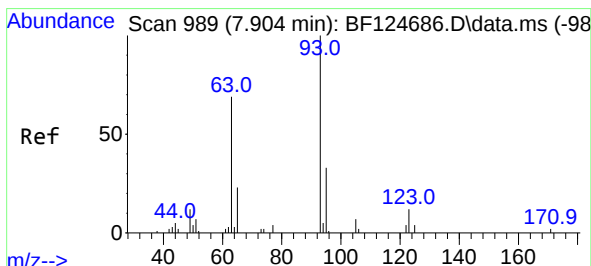
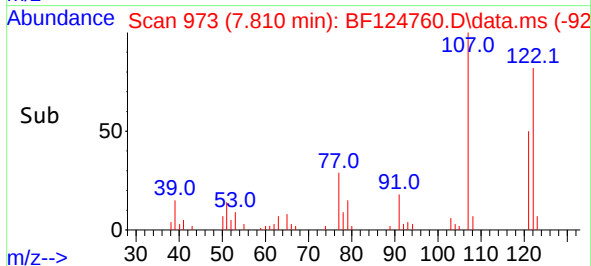
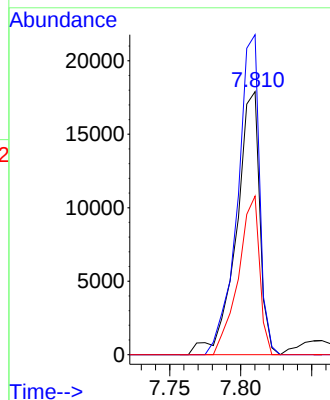
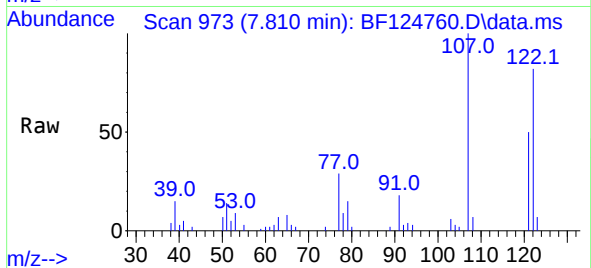
#27
2,4-Dimethylphenol
Concen: 52.662 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	122	Resp:	20538
Ion	Ratio	Lower	Upper
122	100		
107	121.6	85.0	127.6
121	60.3	43.3	64.9

Instrument :
BNA_F
ClientSampleId :
PB137846BS

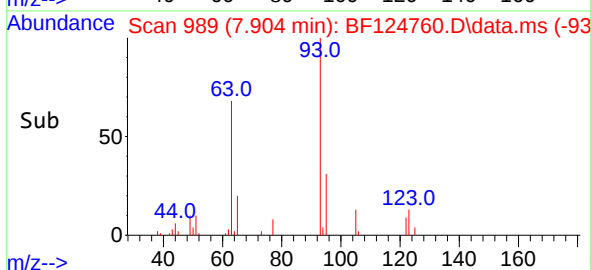
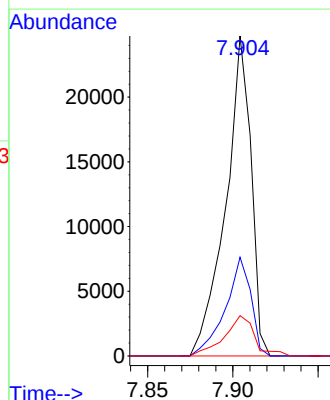
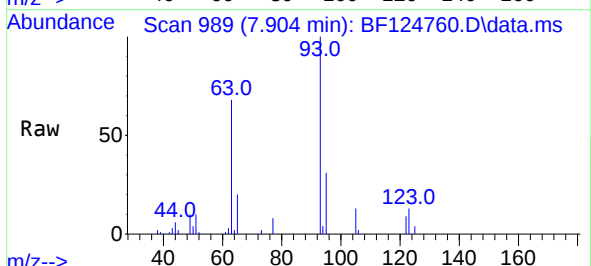
Manual Integrations
APPROVED

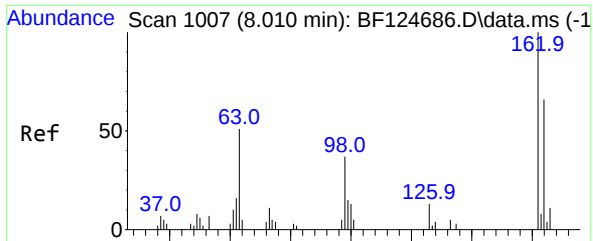
mohammad
7/27/2021 12:05:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.145 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	93	Resp:	25489
Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.1	39.1
123	12.6	11.7	17.5





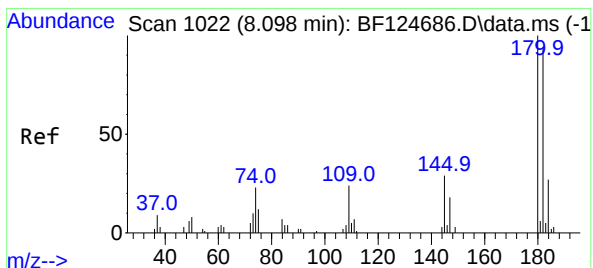
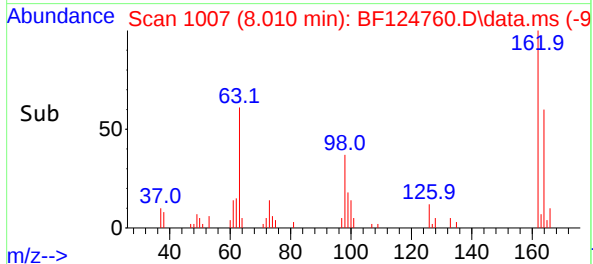
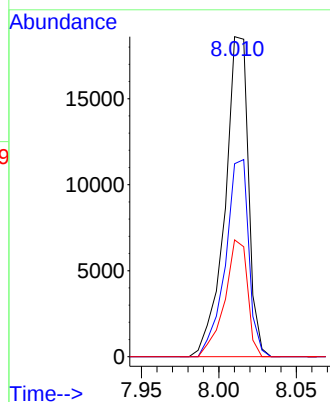
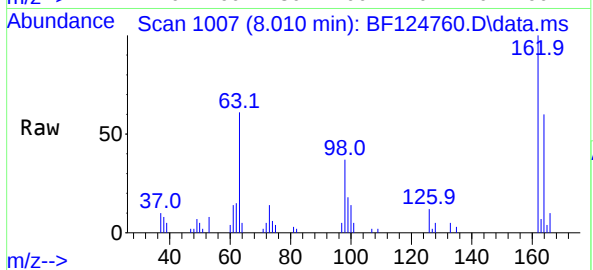
#29
2,4-Dichlorophenol
Concen: 47.623 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:162 Resp: 19670
Ion Ratio Lower Upper
162 100
164 60.3 44.5 84.5
98 36.5 13.0 53.0

Instrument :
BNA_F
ClientSampled :
PB137846BS

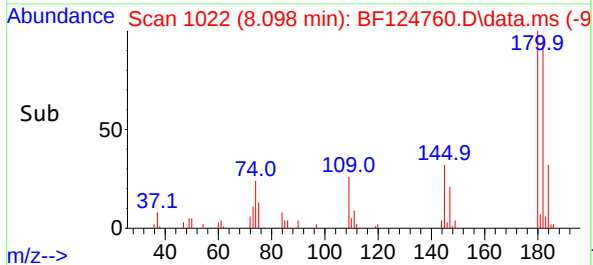
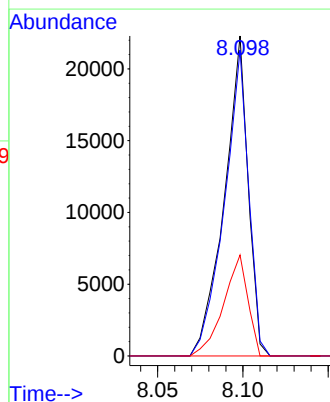
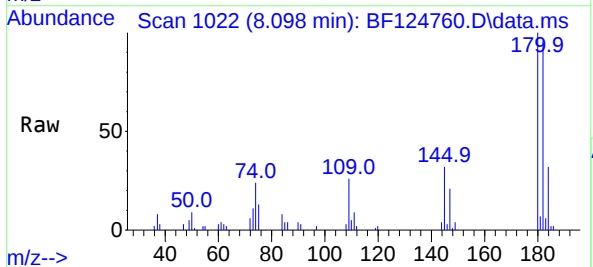
Manual Integrations
APPROVED

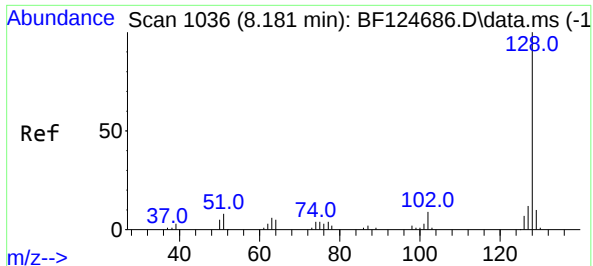
mohammad
7/27/2021 12:05:07 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.876 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:180 Resp: 21673
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 31.5 26.7 40.1





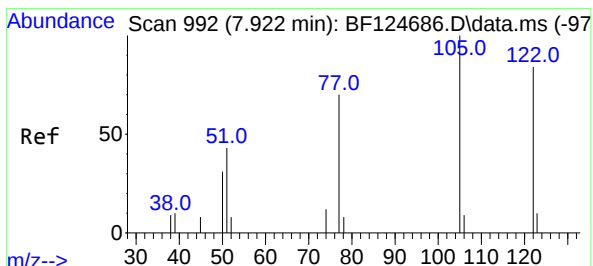
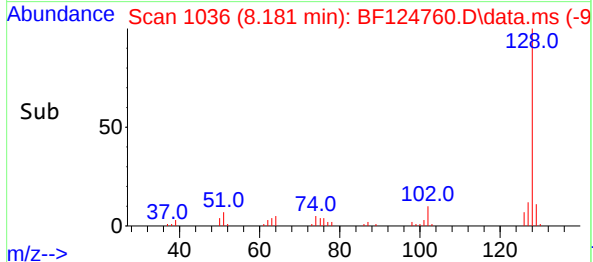
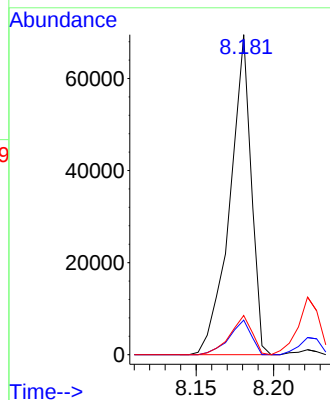
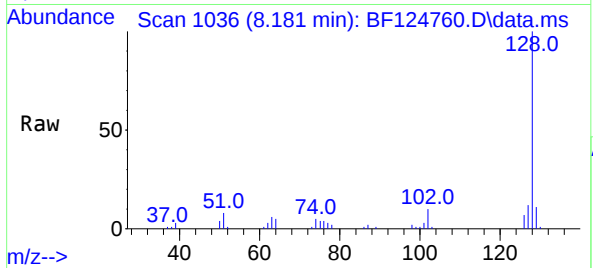
#31
Naphthalene
Concen: 45.842 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:128 Resp: 66459
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 12.3 10.9 16.3

Instrument :
BNA_F
ClientSampleId :
PB137846BS

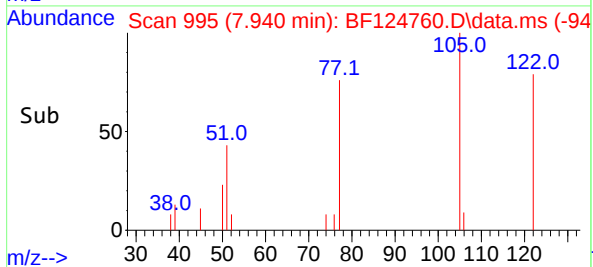
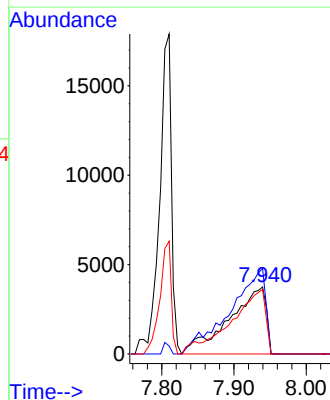
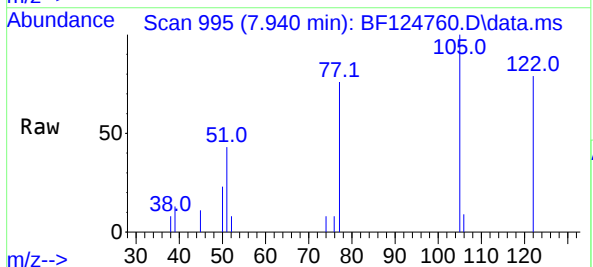
Manual Integrations
APPROVED

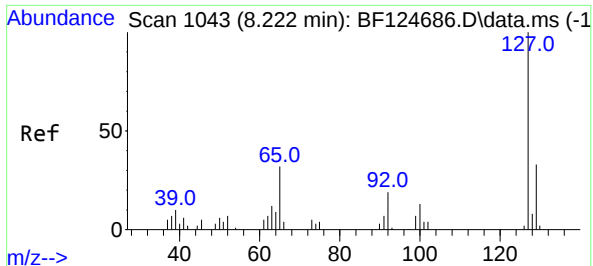
mohammad
7/27/2021 12:05:07 PM



#32
Benzoic acid
Concen: 44.010 ng m
RT: 7.940 min Scan# 995
Delta R.T. 0.018 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:122 Resp: 13285
Ion Ratio Lower Upper
122 100
105 127.2 97.6 137.6
77 96.1 59.6 99.6





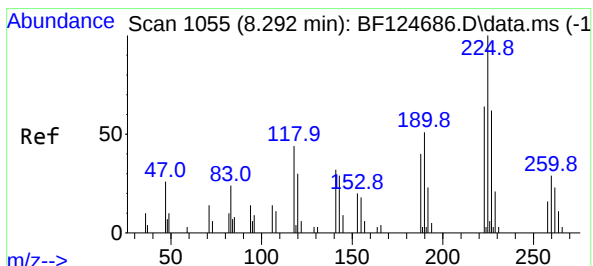
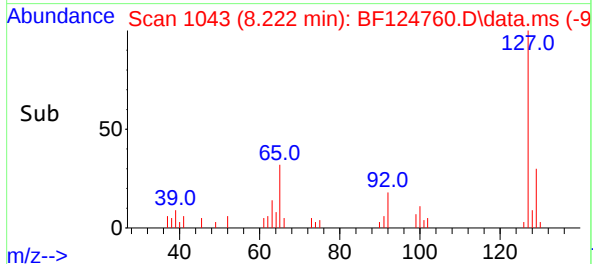
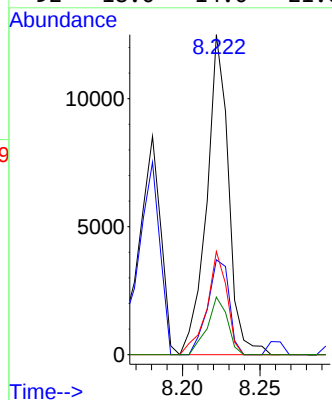
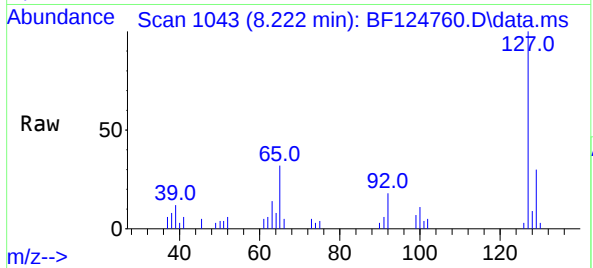
#33
4-Chloroaniline
Concen: 22.518 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Instrument :
BNA_F
ClientSampled :
PB137846BS

Tgt Ion:	127	Resp:	12276
Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.7	38.5
65	32.3	21.2	31.8#
92	18.0	14.0	21.0

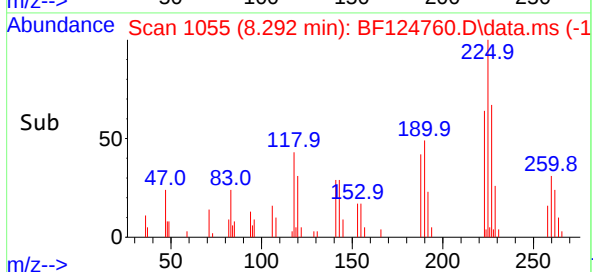
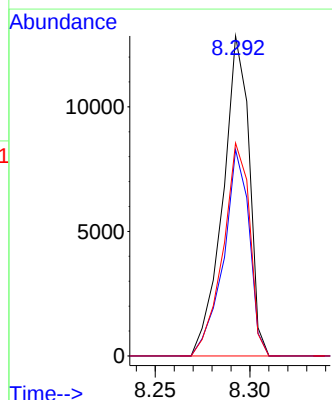
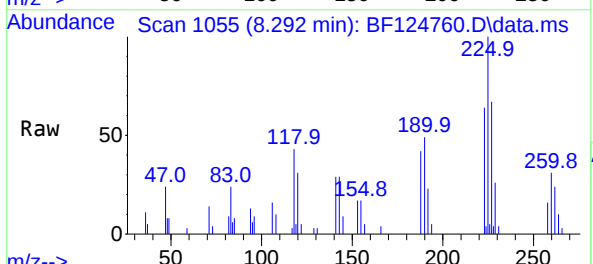
Manual Integrations
APPROVED

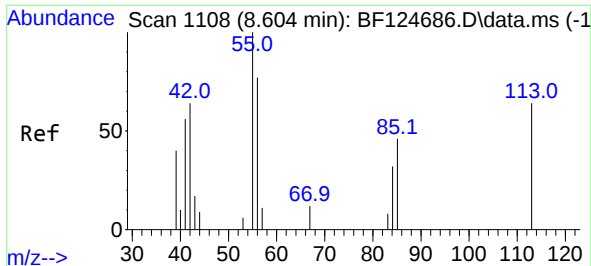
mohammad
7/27/2021 12:05:07 PM



#34
Hexachlorobutadiene
Concen: 45.905 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	225	Resp:	12422
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	66.6	50.6	75.8





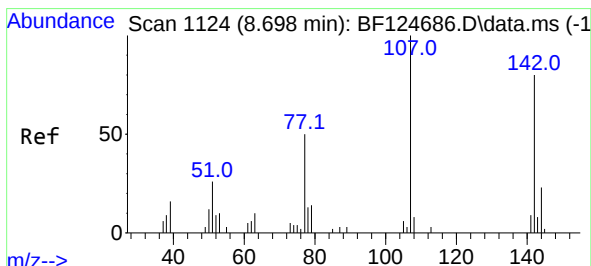
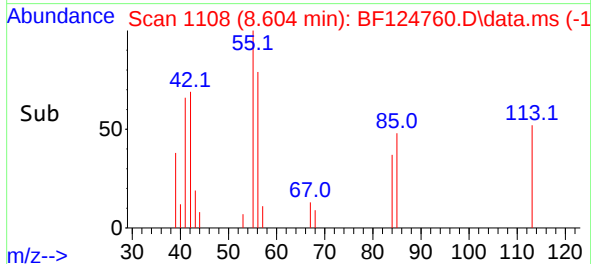
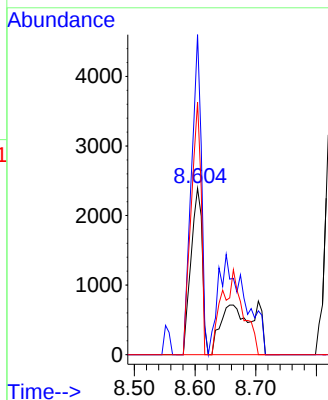
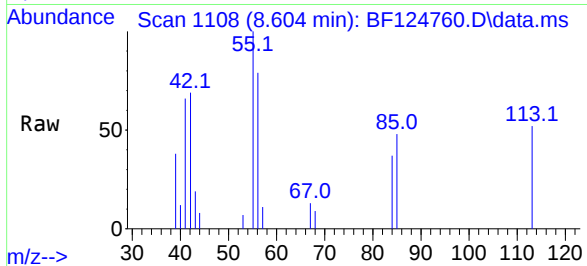
#35
Caprolactam
Concen: 54.391 ng m
RT: 8.604 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:113 Resp: 5839
Ion Ratio Lower Upper
113 100
55 192.3 154.1 194.1
56 151.7 108.7 148.7#

Instrument :
BNA_F
ClientSampleId :
PB137846BS

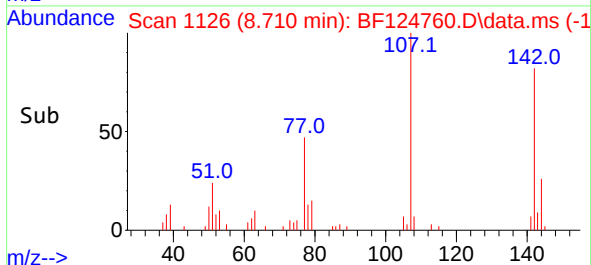
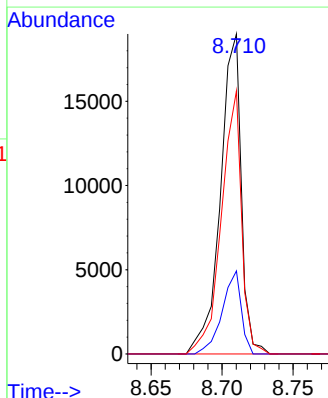
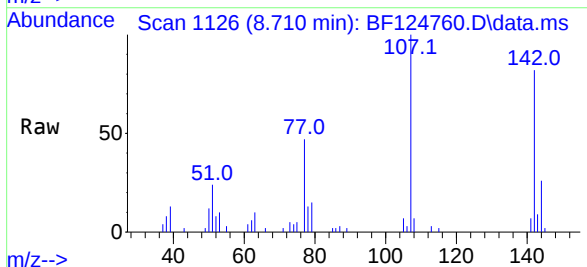
Manual Integrations
APPROVED

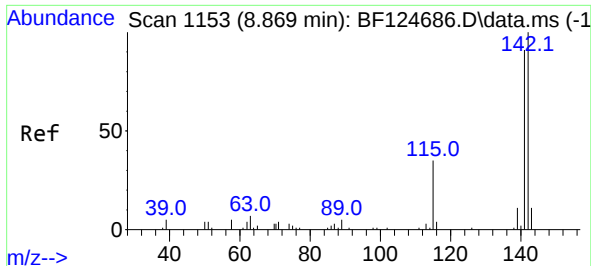
mohammad
7/27/2021 12:05:07 PM



#36
4-Chloro-3-methylphenol
Concen: 49.055 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:107 Resp: 19326
Ion Ratio Lower Upper
107 100
144 25.9 21.9 32.9
142 82.2 67.1 100.7





#37

2-Methylnaphthalene

Concen: 47.495 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF124760.D

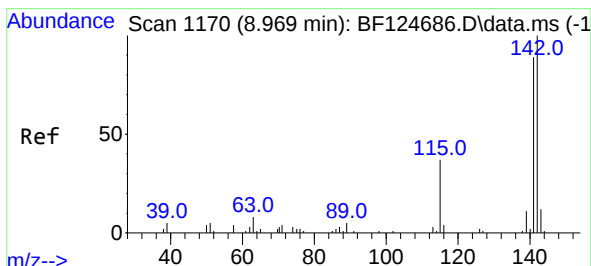
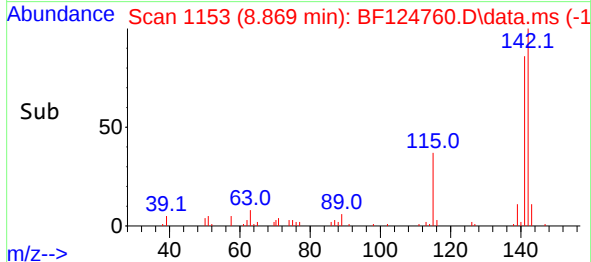
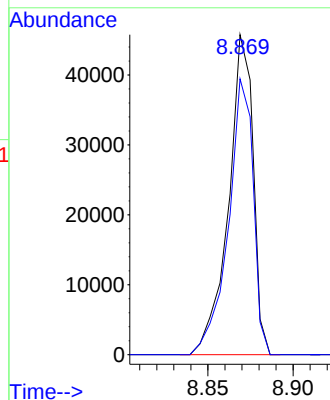
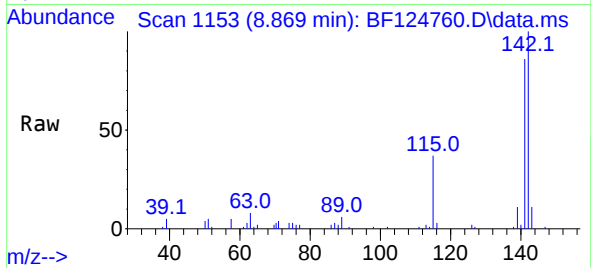
Acq: 26 Jul 2021 11:51

Tgt Ion:142 Resp: 46007

Ion Ratio Lower Upper

142 100

141 86.2 71.2 106.8



#38

1-Methylnaphthalene

Concen: 44.744 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF124760.D

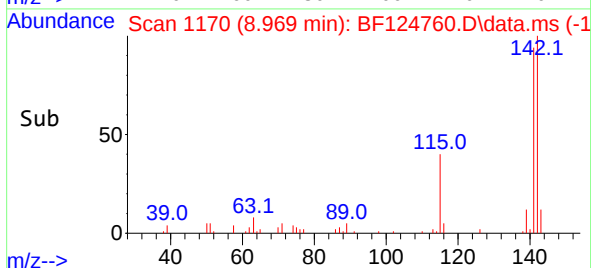
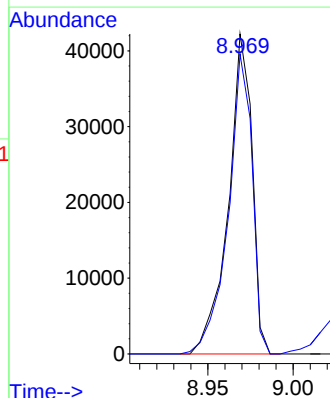
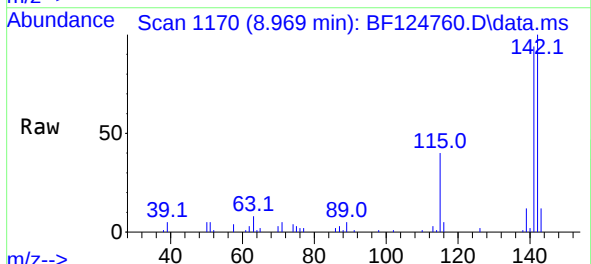
Acq: 26 Jul 2021 11:51

Tgt Ion:142 Resp: 41060

Ion Ratio Lower Upper

142 100

141 93.7 76.0 114.0



Instrument :

BNA_F

ClientSampled :

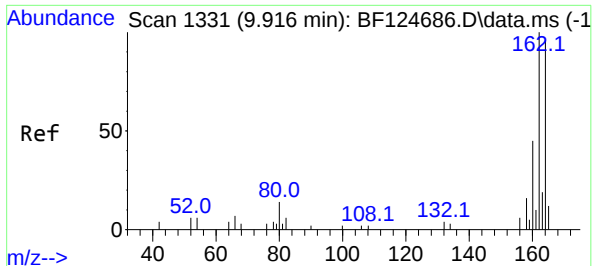
PB137846BS

Manual Integrations

APPROVED

mohammad

7/27/2021 12:05:07 PM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:164	Resp:	14651
Ion Ratio	Lower	Upper
164	100	
162	106.5	81.3 121.9
160	44.6	38.0 57.0

Instrument :

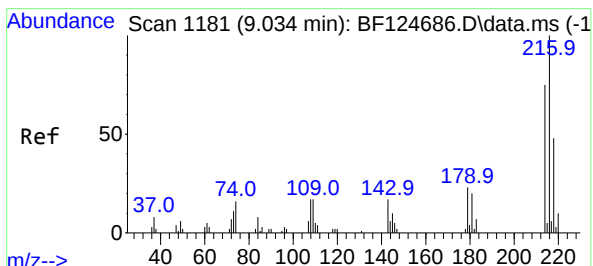
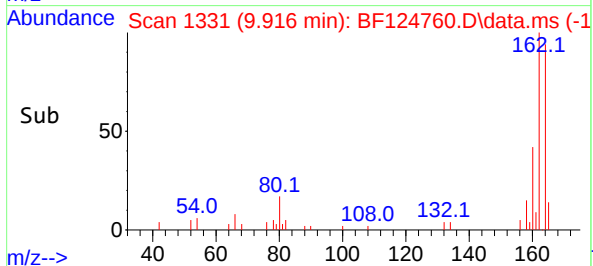
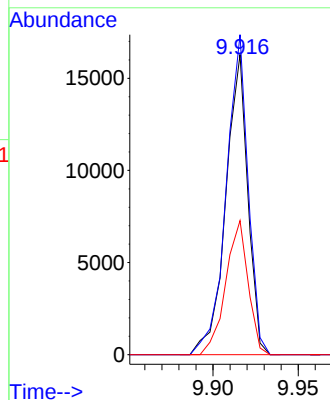
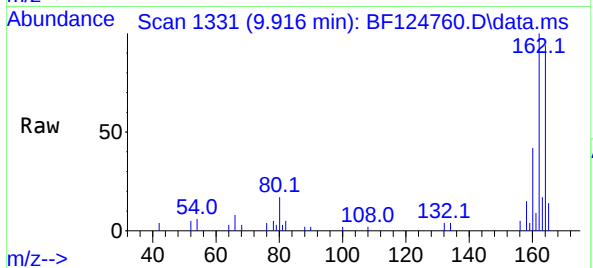
BNA_F

ClientSampled :

PB137846BS

Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.933 ng

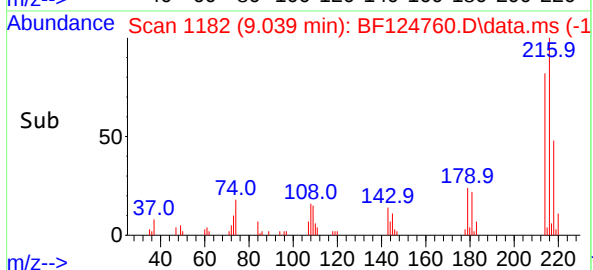
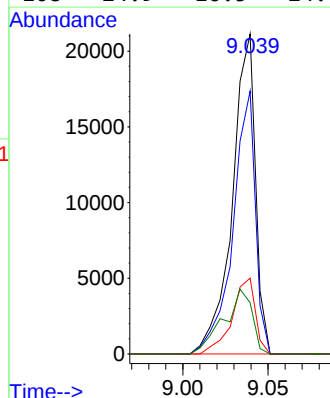
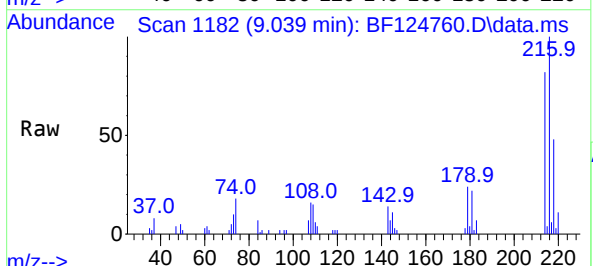
RT: 9.039 min Scan# 1182

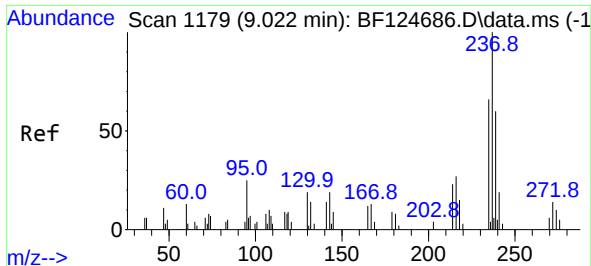
Delta R.T. 0.006 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:216	Resp:	20003
Ion Ratio	Lower	Upper
216	100	
214	79.7	64.9 97.3
179	23.8	17.4 26.2
108	24.9	16.5 24.7#





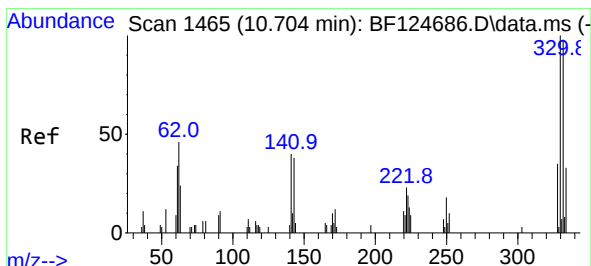
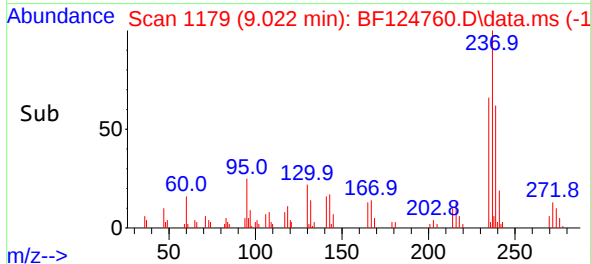
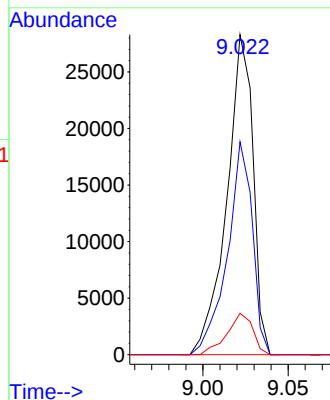
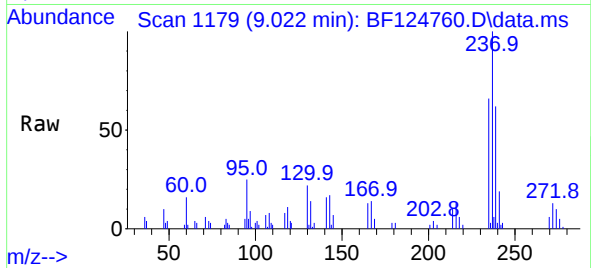
#41
Hexachlorocyclopentadiene
Concen: 125.007 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	237	Resp:	30233
Ion	Ratio	Lower	Upper
237	100		
235	66.5	44.7	84.7
272	12.9	0.0	31.6

Instrument :
BNA_F
ClientSampled :
PB137846BS

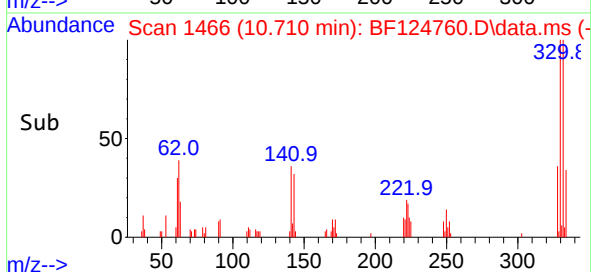
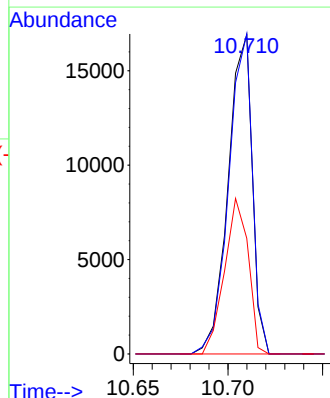
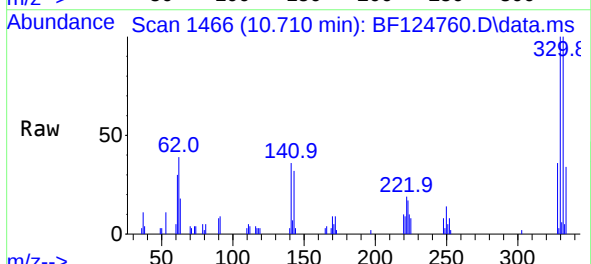
Manual Integrations
APPROVED

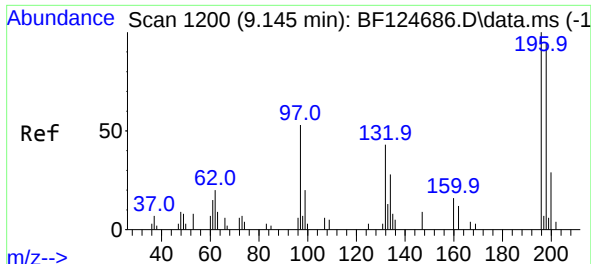
mohammad
7/27/2021 12:05:07 PM



#42
2,4,6-Tribromophenol
Concen: 118.854 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	330	Resp:	14951
Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.2	114.4
141	48.0	44.6	66.8





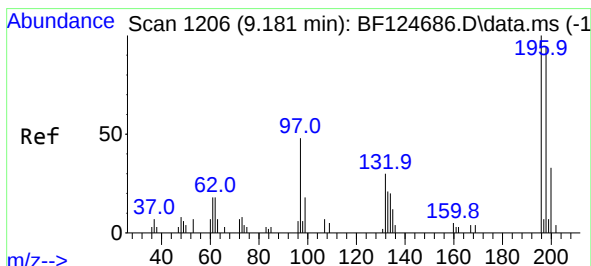
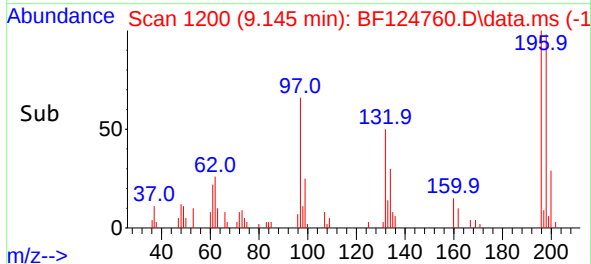
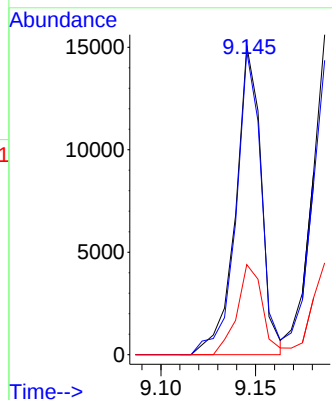
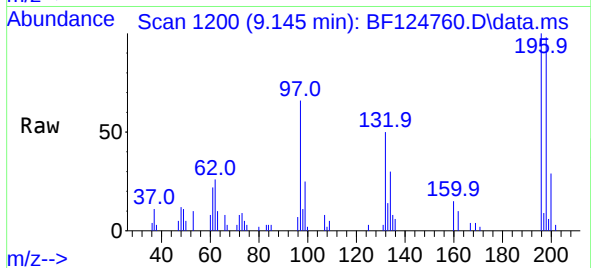
#43
2,4,6-Trichlorophenol
Concen: 48.692 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:196 Resp: 14130
Ion Ratio Lower Upper
196 100
198 98.2 74.9 112.3
200 29.1 27.0 40.4

Instrument :
BNA_F
ClientSampled :
PB137846BS

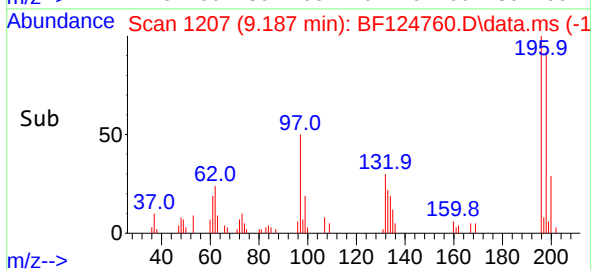
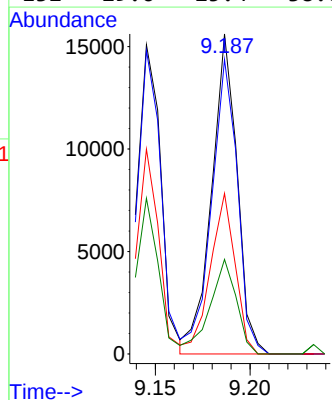
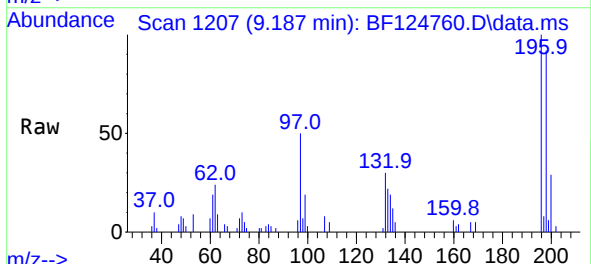
Manual Integrations
APPROVED

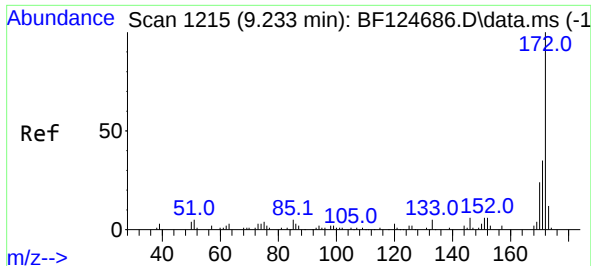
mohammad
7/27/2021 12:05:07 PM



#44
2,4,5-Trichlorophenol
Concen: 49.066 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:196 Resp: 14620
Ion Ratio Lower Upper
196 100
198 92.0 80.2 120.2
97 50.2 44.0 66.0
132 29.6 25.4 38.0





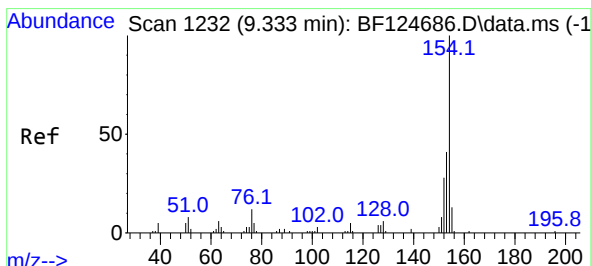
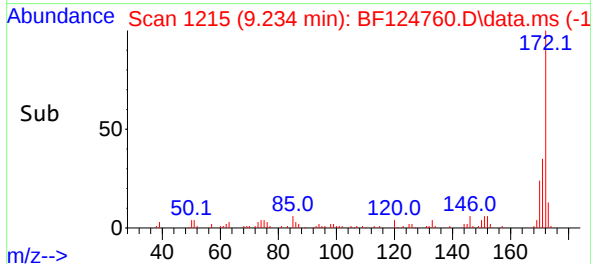
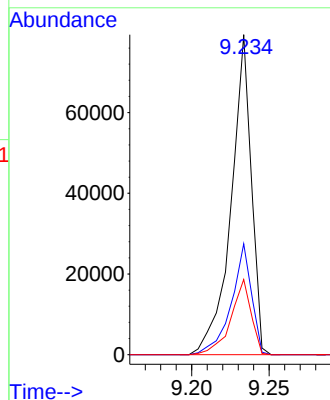
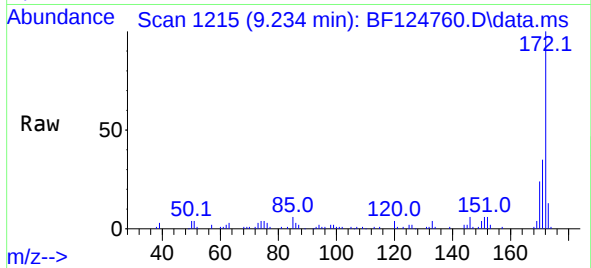
#45
2-Fluorobiphenyl
Concen: 72.268 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	172	Resp:	72088
Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.5	39.7
170	23.5	18.8	28.2

Instrument :
BNA_F
ClientSampleId :
PB137846BS

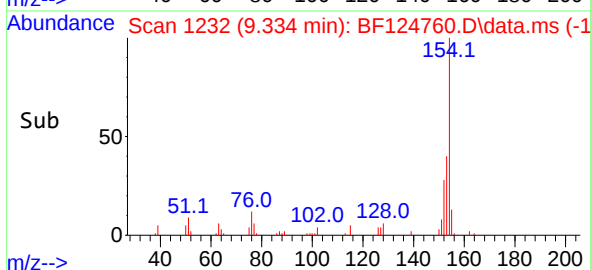
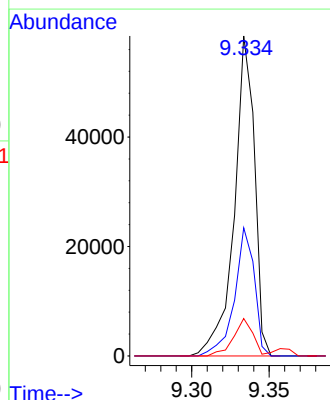
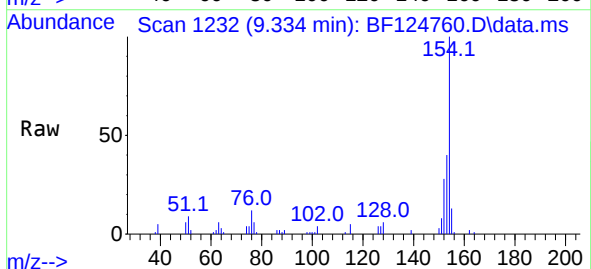
Manual Integrations
APPROVED

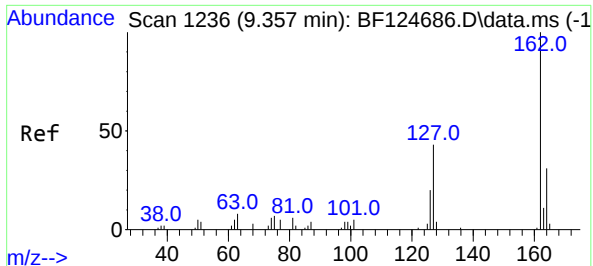
mohammad
7/27/2021 12:05:07 PM



#46
1,1'-Biphenyl
Concen: 48.440 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

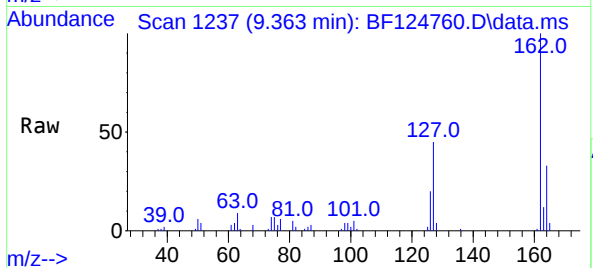
Tgt Ion:	154	Resp:	52975
Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	11.7	0.0	30.3





#47
2-Chloronaphthalene
Concen: 49.255 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

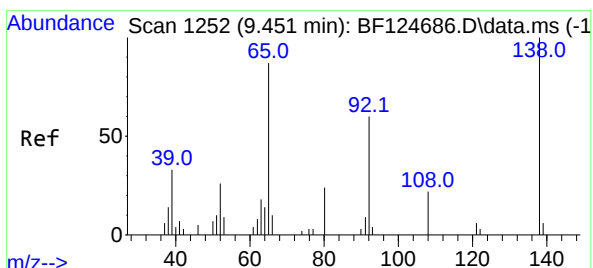
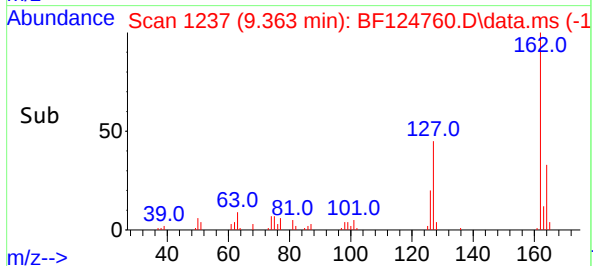
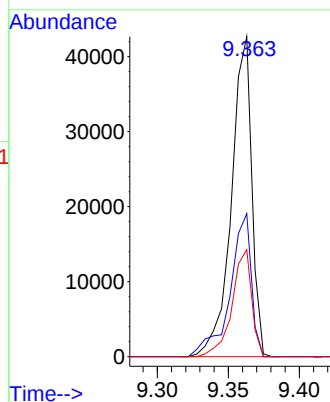
Instrument :
BNA_F
ClientSampled :
PB137846BS



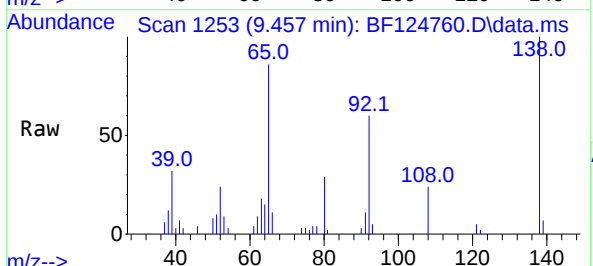
Tgt Ion:162 Resp: 42642
Ion Ratio Lower Upper
162 100
127 44.7 33.0 49.4
164 33.4 25.8 38.8

Manual Integrations
APPROVED

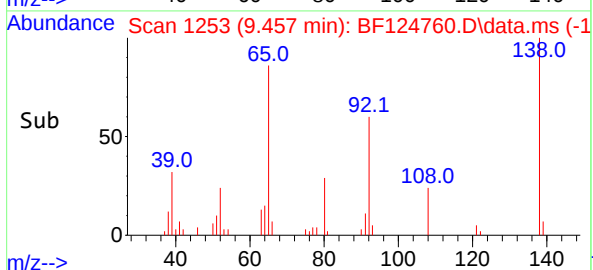
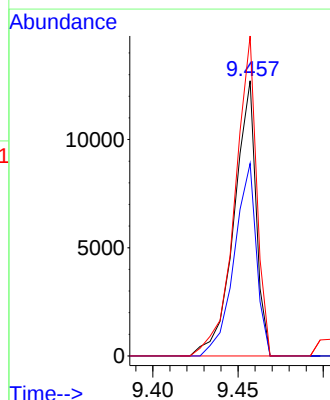
mohammad
7/27/2021 12:05:07 PM

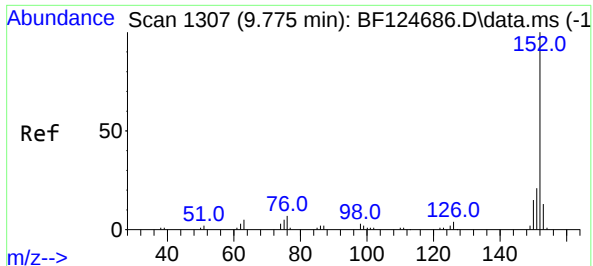


#48
2-Nitroaniline
Concen: 50.448 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion: 65 Resp: 11436
Ion Ratio Lower Upper
65 100
92 70.0 55.5 83.3
138 116.3 93.5 140.3





#49

Acenaphthylene

Concen: 48.825 ng

RT: 9.781 min Scan# 1308

Delta R.T. 0.006 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:152 Resp: 65186

Ion Ratio Lower Upper

152 100

151 19.0 15.7 23.5

153 13.2 9.8 14.8

Instrument :

BNA_F

ClientSampleId :

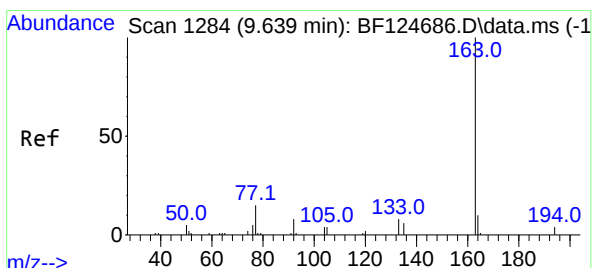
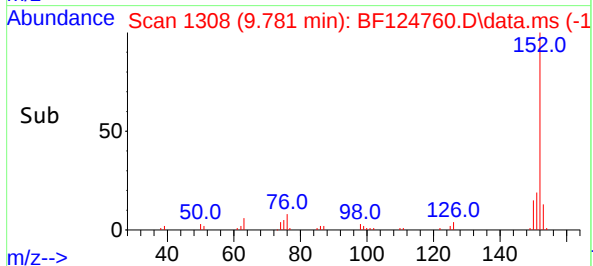
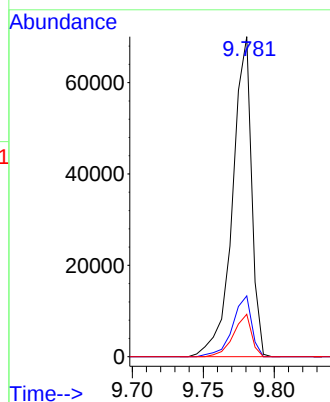
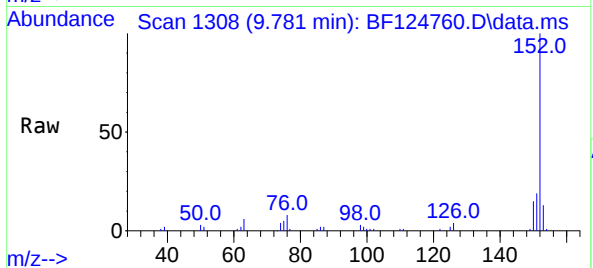
PB137846BS

Manual Integrations

APPROVED

mohammad

7/27/2021 12:05:07 PM



#50

Dimethylphthalate

Concen: 47.987 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

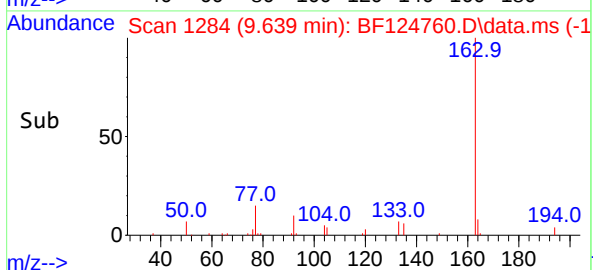
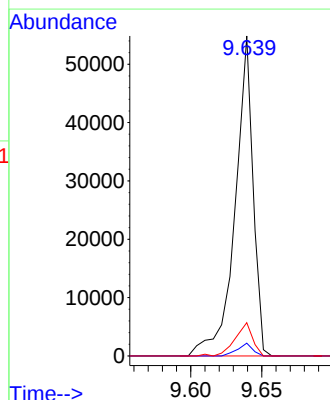
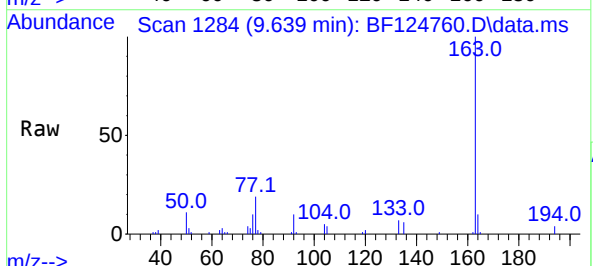
Tgt Ion:163 Resp: 48410

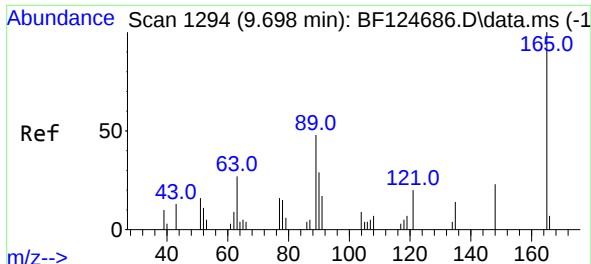
Ion Ratio Lower Upper

163 100

194 4.0 2.6 3.8#

164 10.4 7.4 11.0





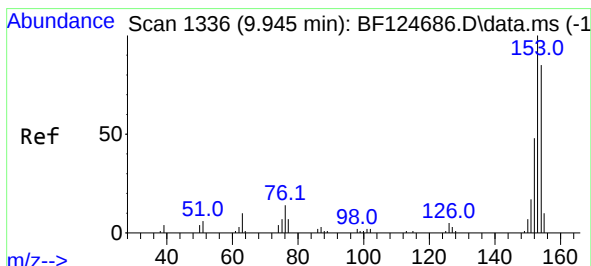
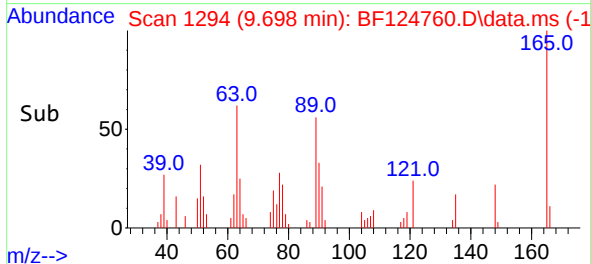
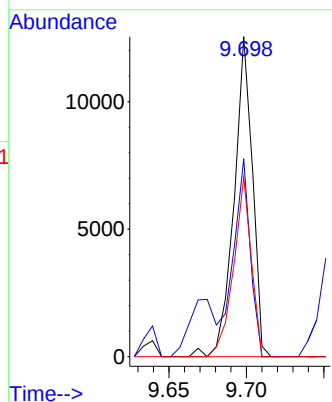
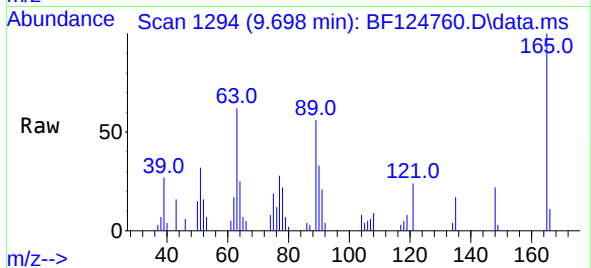
#51
2,6-Dinitrotoluene
Concen: 46.565 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Instrument :
BNA_F
ClientSampled :
PB137846BS

Tgt Ion:165 Resp: 10378
Ion Ratio Lower Upper
165 100
63 61.9 42.6 63.8
89 56.2 40.6 60.8

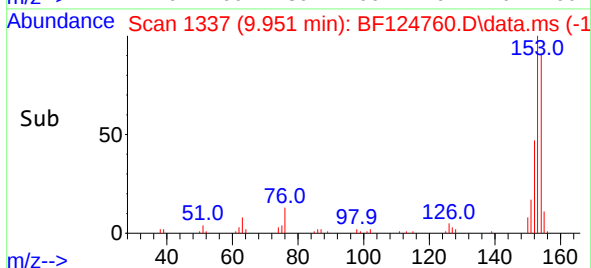
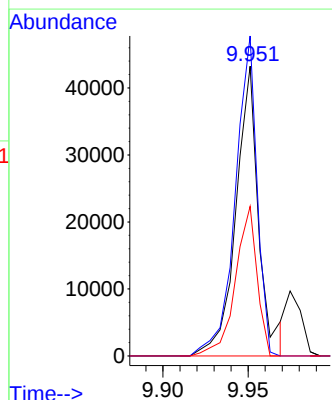
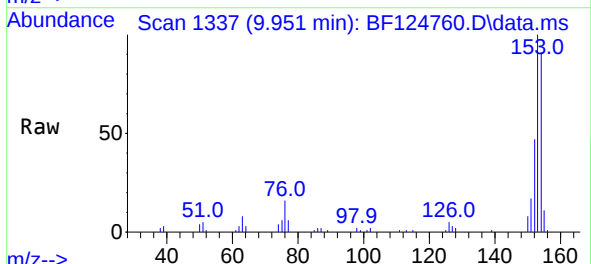
Manual Integrations
APPROVED

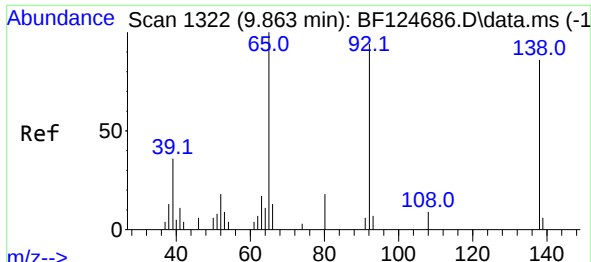
mohammad
7/27/2021 12:05:07 PM



#52
Acenaphthene
Concen: 45.613 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:154 Resp: 40370
Ion Ratio Lower Upper
154 100
153 110.4 89.4 134.2
152 51.6 40.5 60.7





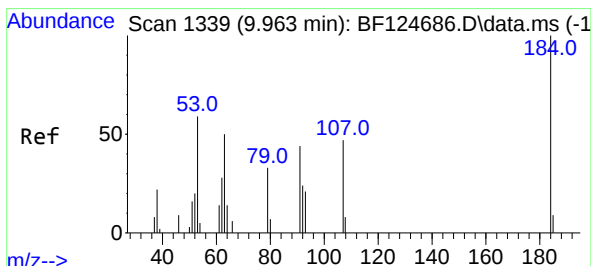
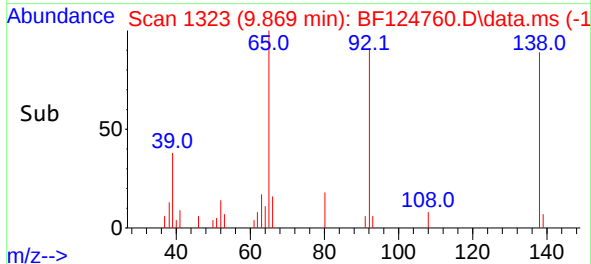
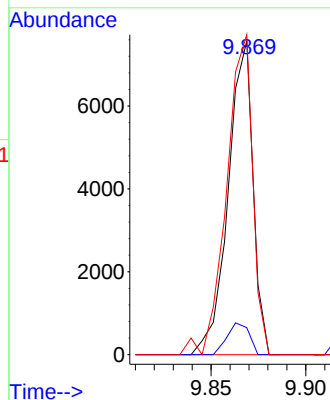
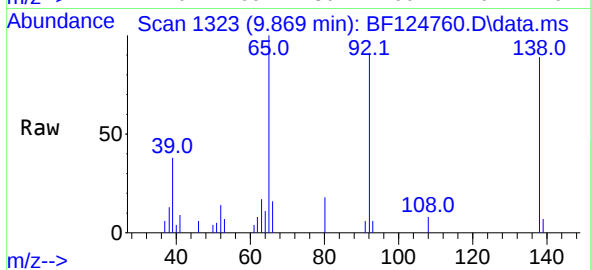
#53
3-Nitroaniline
Concen: 29.377 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:138 Resp: 6888
Ion Ratio Lower Upper
138 100
108 8.6 9.3 13.9#
92 102.0 76.5 114.7

Instrument :
BNA_F
ClientSampled :
PB137846BS

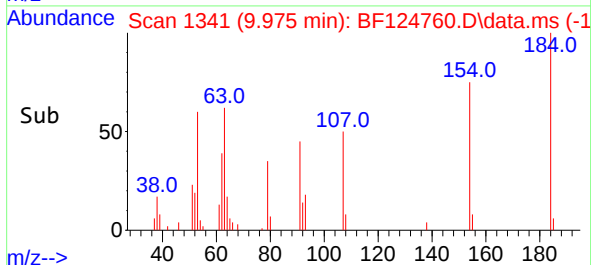
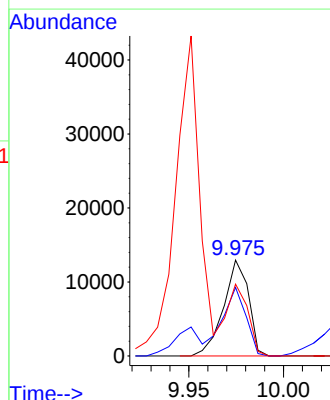
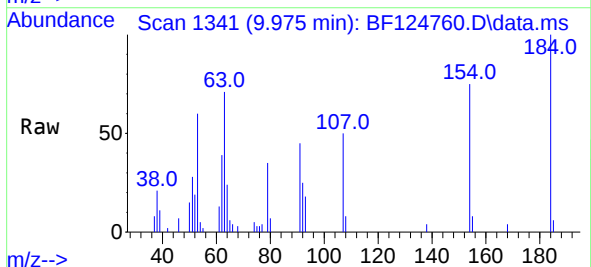
Manual Integrations
APPROVED

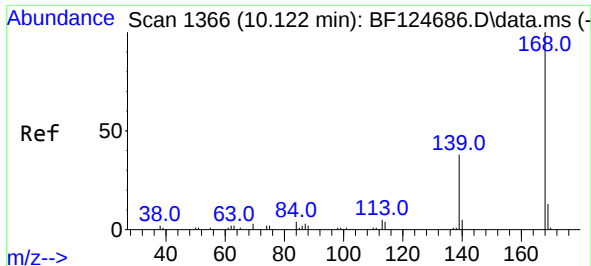
mohammad
7/27/2021 12:05:07 PM



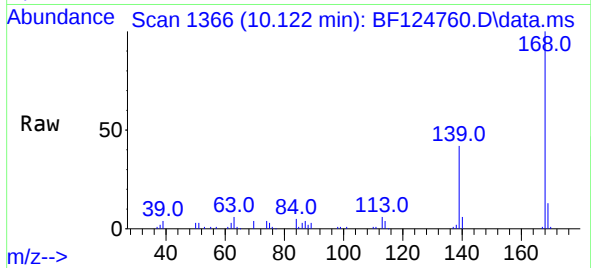
#54
2,4-Dinitrophenol
Concen: 92.329 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:184 Resp: 11899
Ion Ratio Lower Upper
184 100
63 71.5 59.3 88.9
154 74.9 68.6 102.8

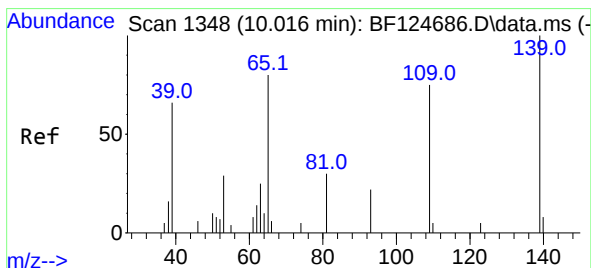
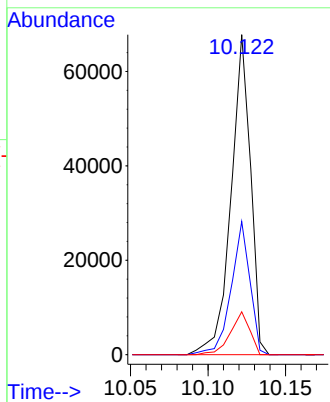
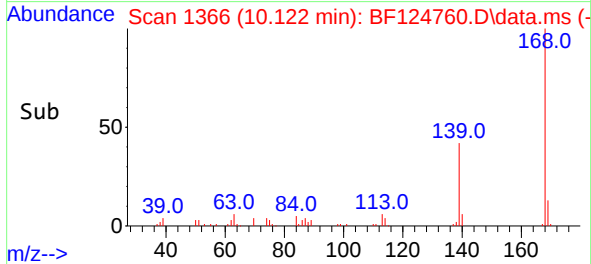




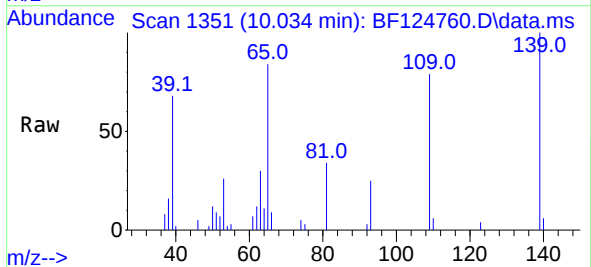
#55
Dibenzenofuran
Concen: 46.807 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



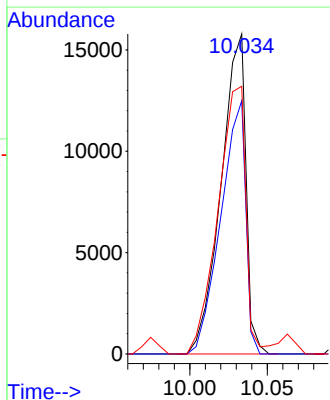
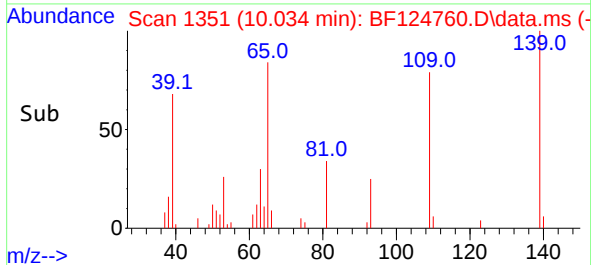
Tgt Ion:168 Resp: 59197
Ion Ratio Lower Upper
168 100
139 41.6 32.7 49.1
169 13.4 11.2 16.8



#56
4-Nitrophenol
Concen: 94.940 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion:139 Resp: 17579
Ion Ratio Lower Upper
139 100
109 79.1 60.4 100.4
65 83.6 58.4 98.4



Instrument :
BNA_F
ClientSampleId :
PB137846BS

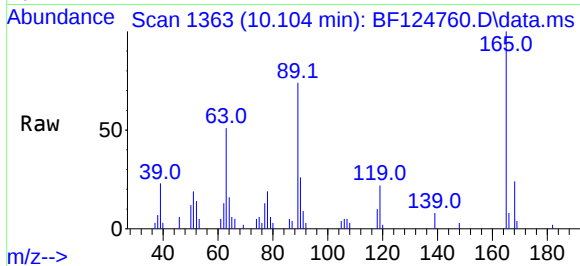
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#57
2,4-Dinitrotoluene
Concen: 46.147 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

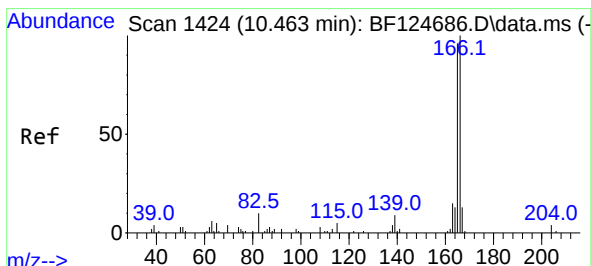
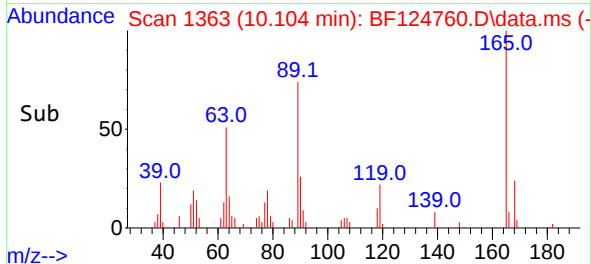
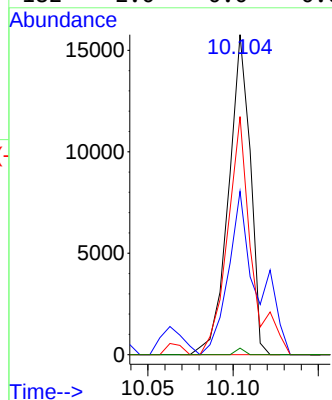
Instrument :
BNA_F
ClientSampled :
PB137846BS



Tgt Ion:165 Resp: 13957
Ion Ratio Lower Upper
165 100
63 51.1 40.9 61.3
89 74.4 59.7 89.5
182 2.0 0.0 0.0#

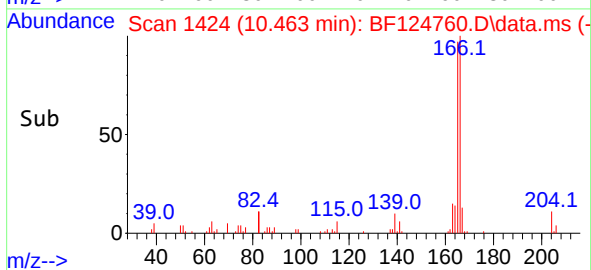
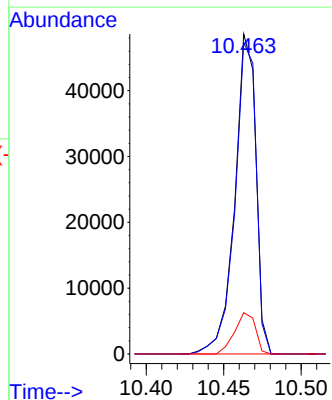
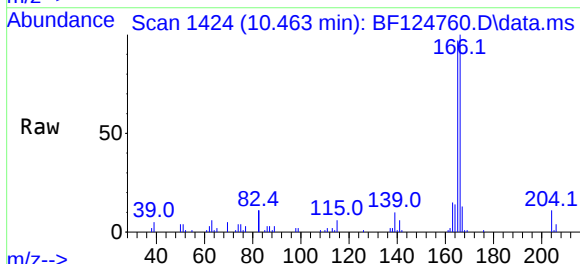
Manual Integrations
APPROVED

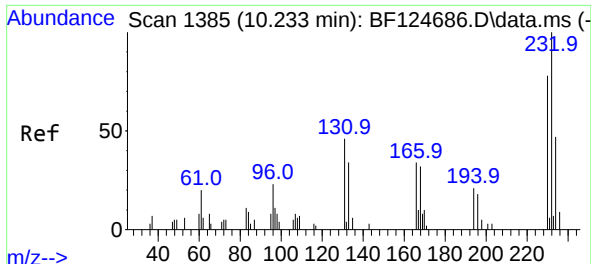
mohammad
7/27/2021 12:05:07 PM



#58
Fluorene
Concen: 47.427 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

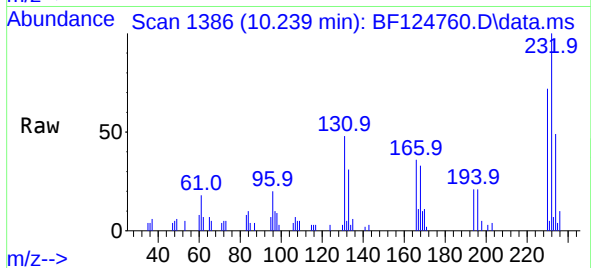
Tgt Ion:166 Resp: 46013
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 12.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.639 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

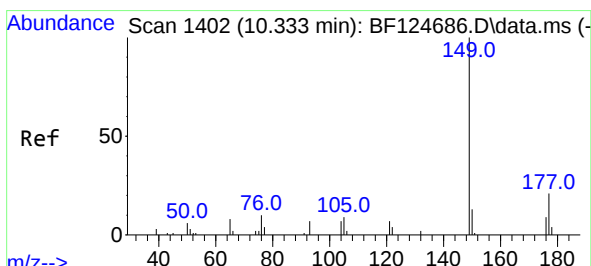
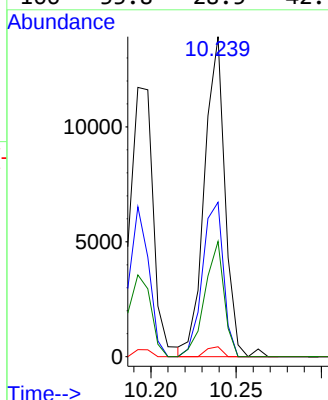
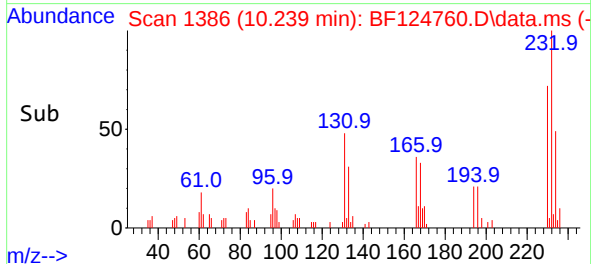
Instrument :
BNA_F
ClientSampleId :
PB137846BS



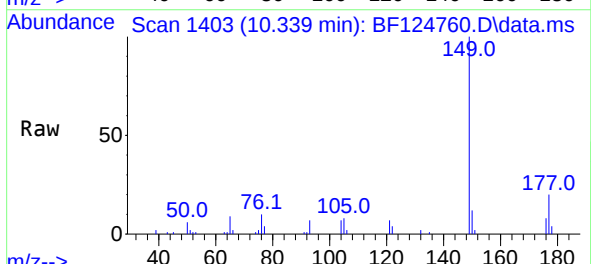
Tgt Ion:232 Resp: 11681
Ion Ratio Lower Upper
232 100
131 49.4 45.4 68.0
130 2.4 0.0 0.0#
166 33.8 28.5 42.7

Manual Integrations
APPROVED

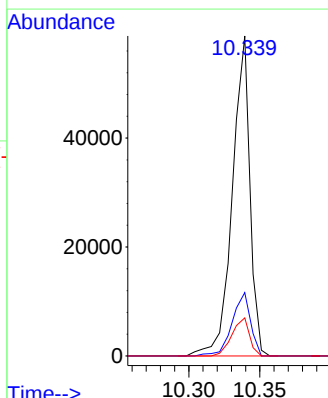
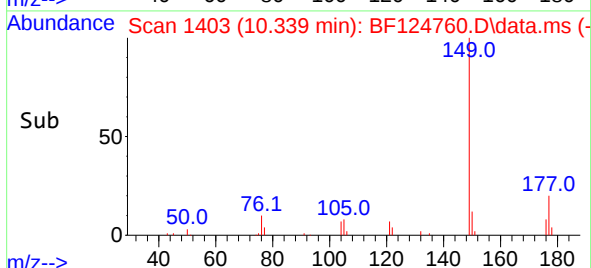
mohammad
7/27/2021 12:05:07 PM

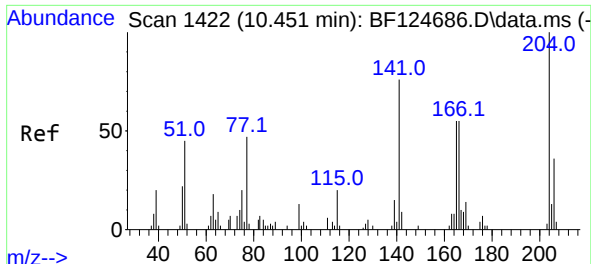


#60
Diethylphthalate
Concen: 48.244 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion:149 Resp: 50610
Ion Ratio Lower Upper
149 100
177 19.8 16.5 24.7
150 11.9 10.1 15.1





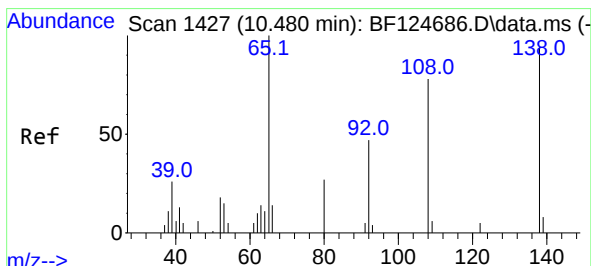
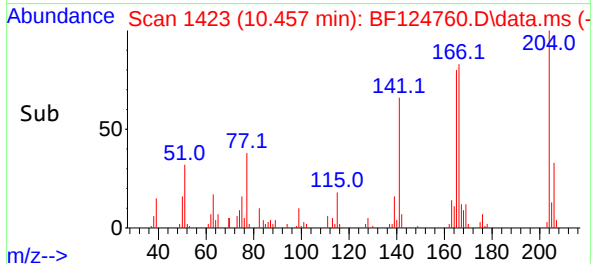
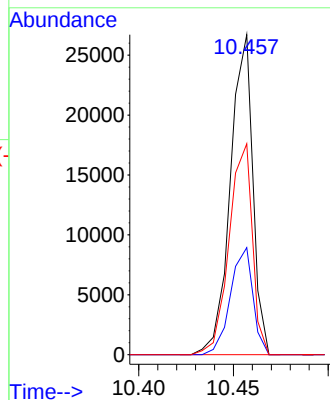
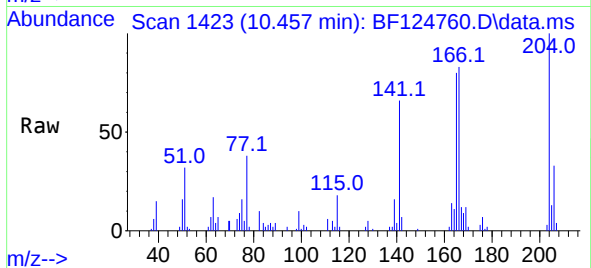
#61
4-Chlorophenyl-phenylether
Concen: 47.021 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Instrument :
BNA_F
ClientSampled :
PB137846BS

Tgt Ion:204 Resp: 22053
Ion Ratio Lower Upper
204 100
206 33.4 27.6 41.4
141 65.9 58.6 88.0

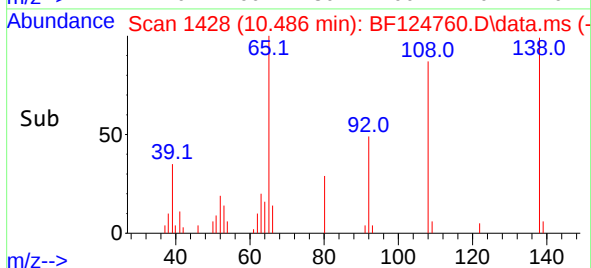
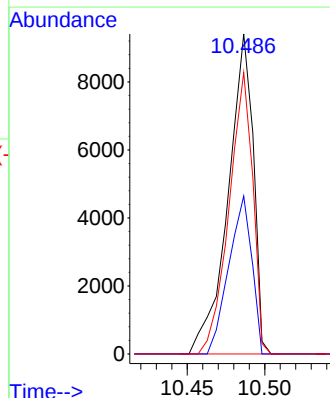
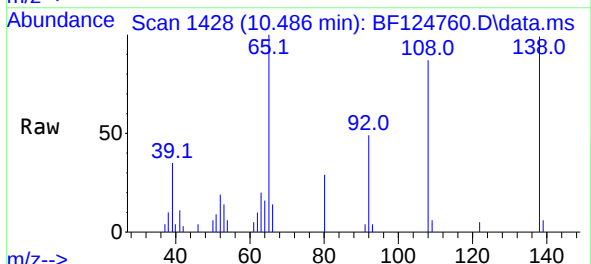
Manual Integrations
APPROVED

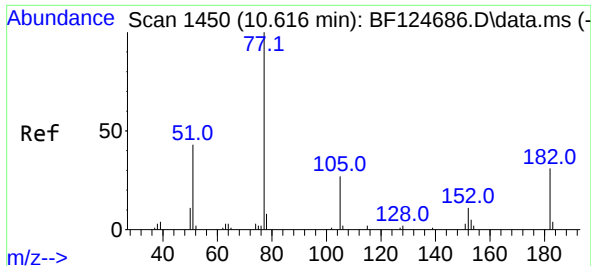
mohammad
7/27/2021 12:05:07 PM



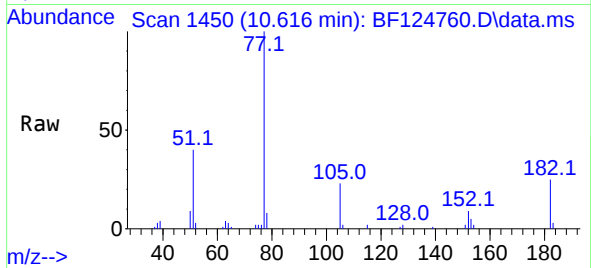
#62
4-Nitroaniline
Concen: 45.900 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:138 Resp: 10649
Ion Ratio Lower Upper
138 100
92 49.4 29.6 69.6
108 88.0 78.1 118.1

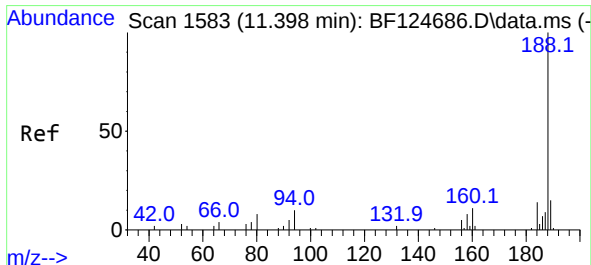
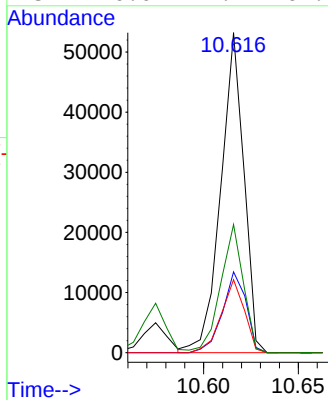
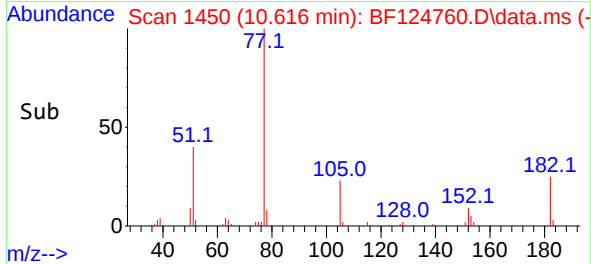




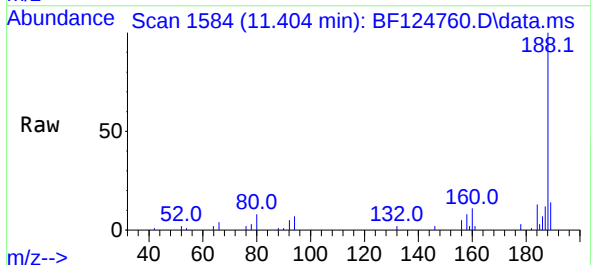
#63
Azobenzene
Concen: 48.651 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



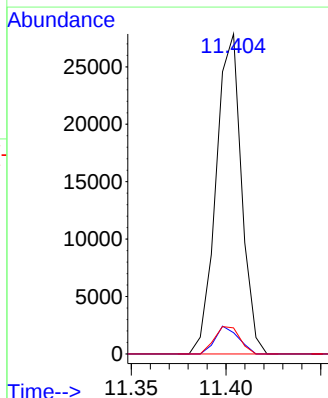
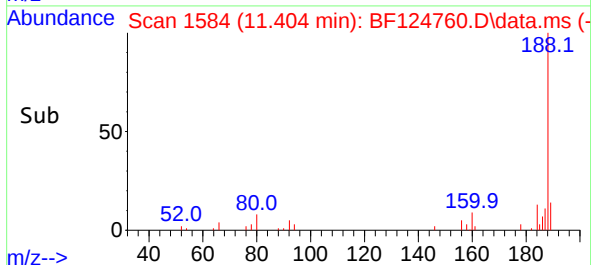
Tgt Ion:	77	Resp:	45152
Ion	Ratio	Lower	Upper
77	100		
182	25.3	6.3	46.3
105	22.8	2.9	42.9
51	40.0	24.1	64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



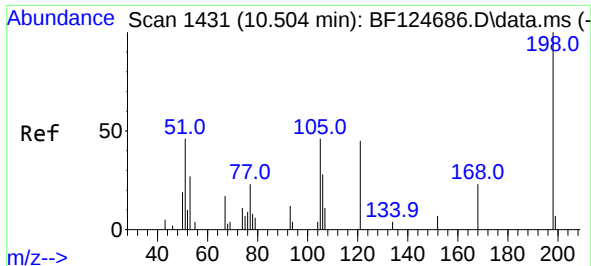
Tgt Ion:	188	Resp:	26004
Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.7	10.1#
80	8.1	7.5	11.3



Instrument :
BNA_F
ClientSampled :
PB137846BS

Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



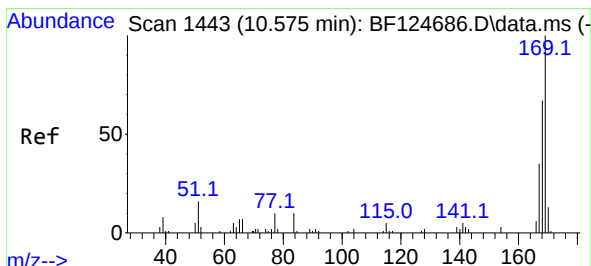
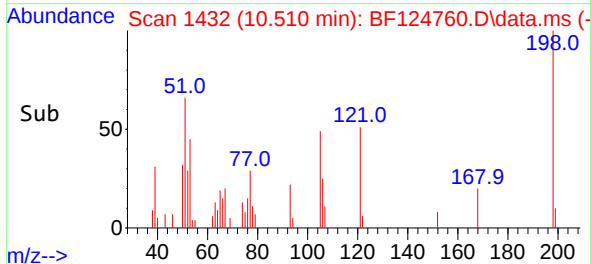
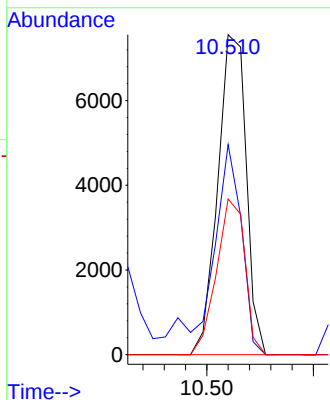
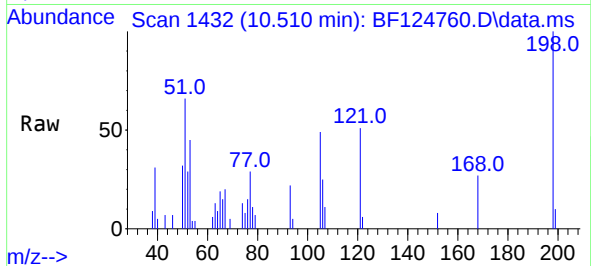
#65
4,6-Dinitro-2-methylphenol
Concen: 41.655 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Instrument :
BNA_F
ClientSampled :
PB137846BS

Tgt Ion:198 Resp: 7015
Ion Ratio Lower Upper
198 100
51 65.6 45.3 85.3
105 48.7 30.6 70.6

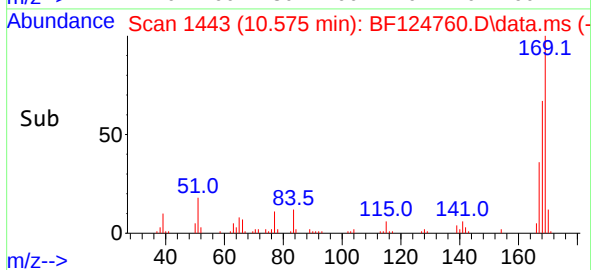
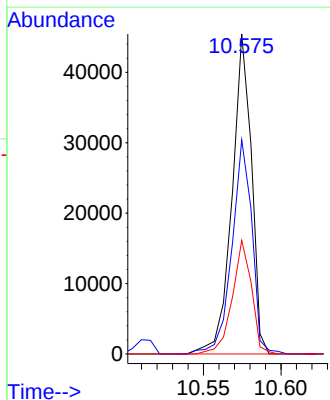
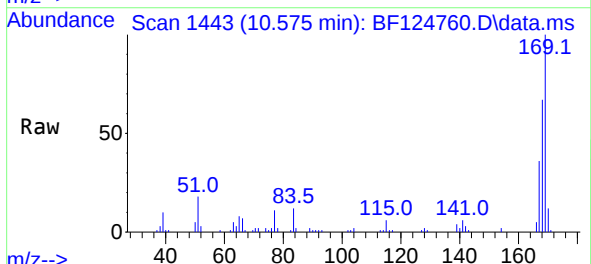
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#66
n-Nitrosodiphenylamine
Concen: 46.968 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

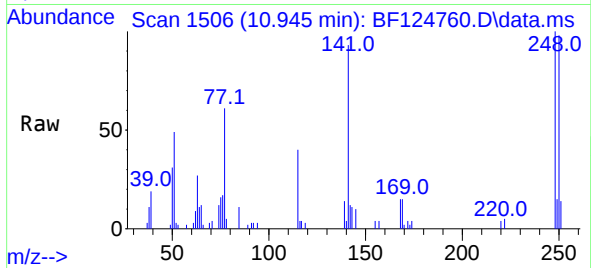
Tgt Ion:169 Resp: 39579
Ion Ratio Lower Upper
169 100
168 66.9 50.8 76.2
167 35.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 47.471 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

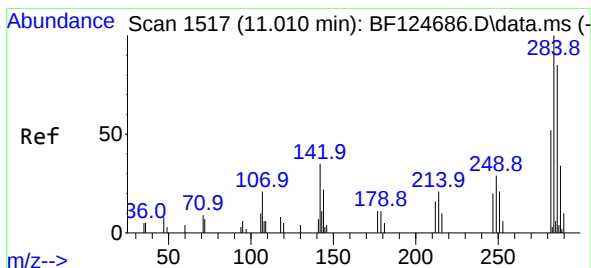
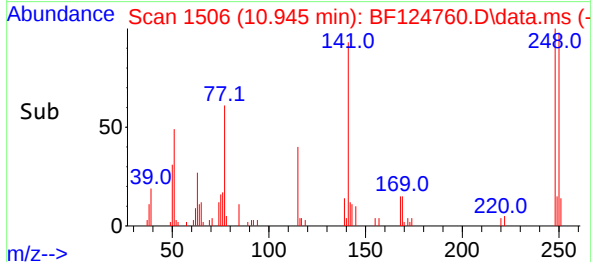
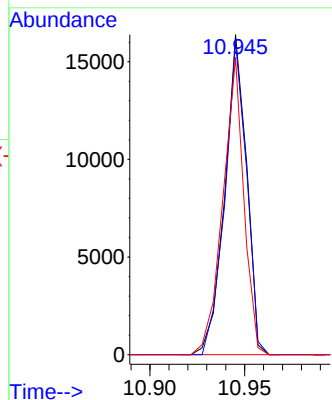
Instrument :
BNA_F
ClientSampled :
PB137846BS



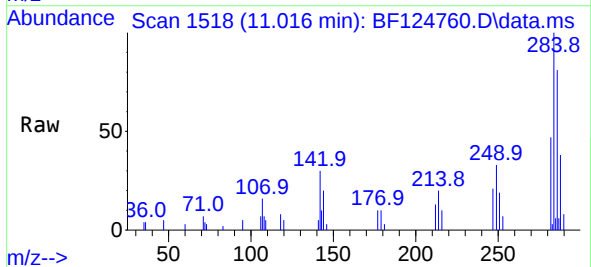
Tgt Ion:248 Resp: 13092
Ion Ratio Lower Upper
248 100
250 98.1 74.2 111.4
141 92.8 60.4 90.6#

Manual Integrations
APPROVED

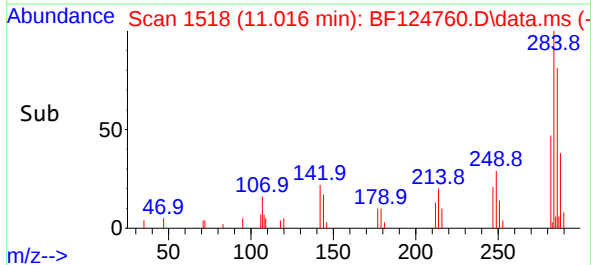
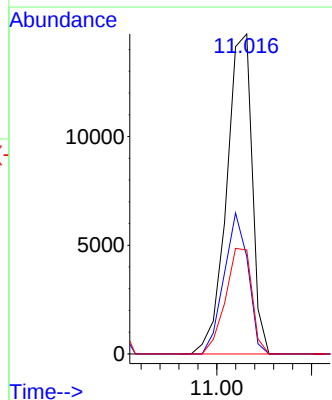
mohammad
7/27/2021 12:05:07 PM



#68
Hexachlorobenzene
Concen: 47.943 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion:284 Resp: 13732
Ion Ratio Lower Upper
284 100
142 30.4 36.4 54.6#
249 32.5 25.6 38.4





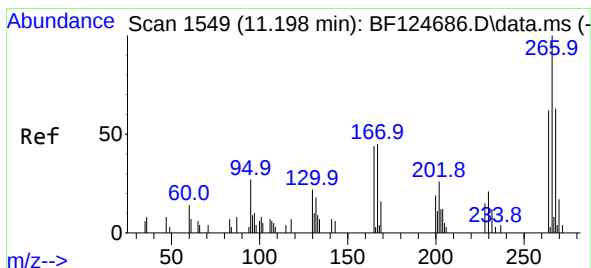
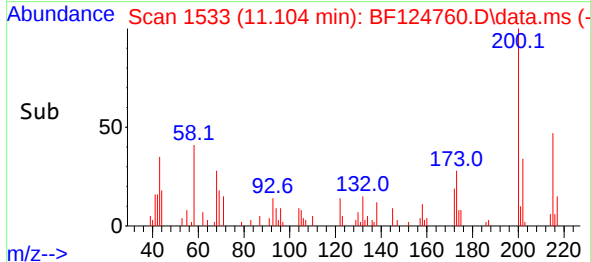
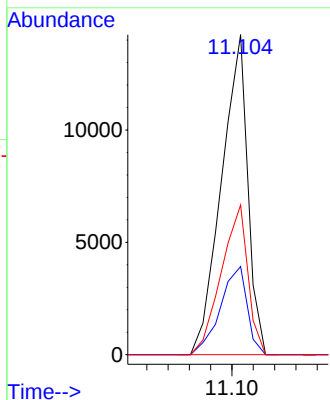
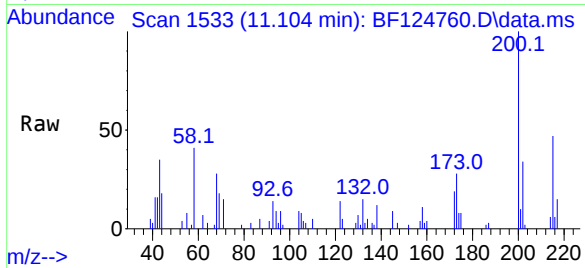
#69
Atrazine
Concen: 47.641 ng
RT: 11.104 min Scan# 1533
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	200	Resp:	12206
Ion Ratio	Lower	Upper	
200	100		
173	27.5	11.1	51.1
215	46.8	22.7	62.7

Instrument :
BNA_F
ClientSampled :
PB137846BS

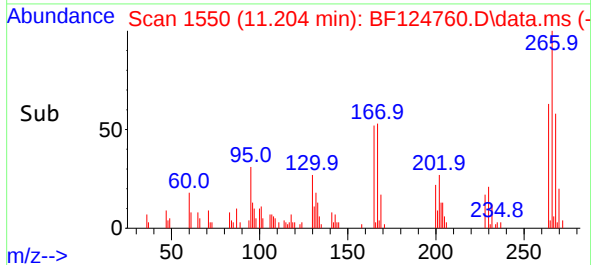
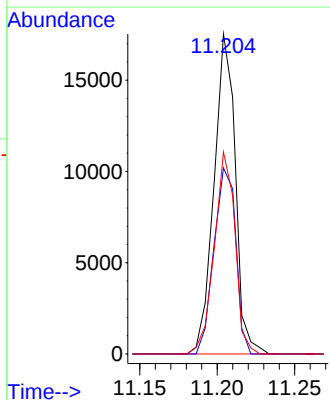
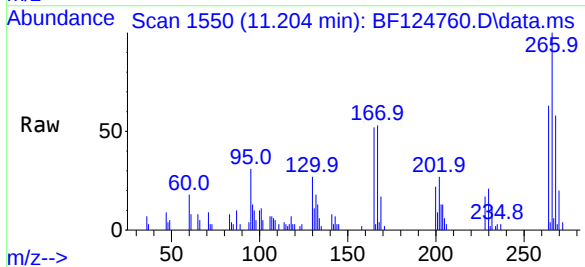
Manual Integrations
APPROVED

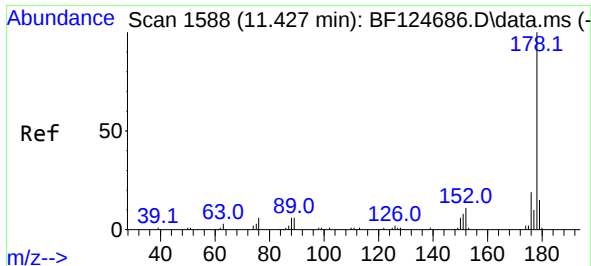
mohammad
7/27/2021 12:05:07 PM



#70
Pentachlorophenol
Concen: 94.046 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:	266	Resp:	16750
Ion Ratio	Lower	Upper	
266	100		
268	58.2	48.9	73.3
264	63.1	55.9	83.9





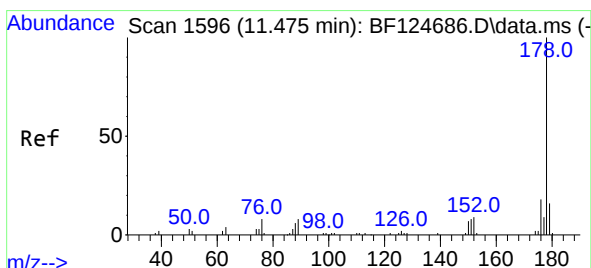
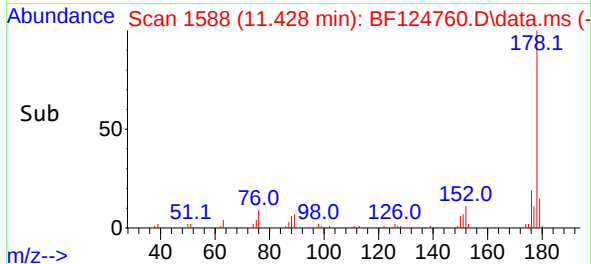
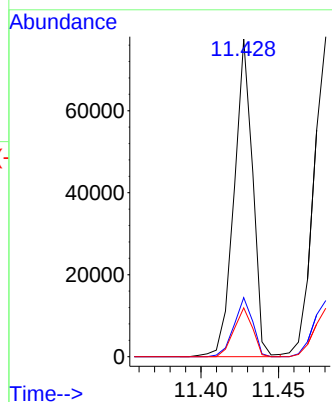
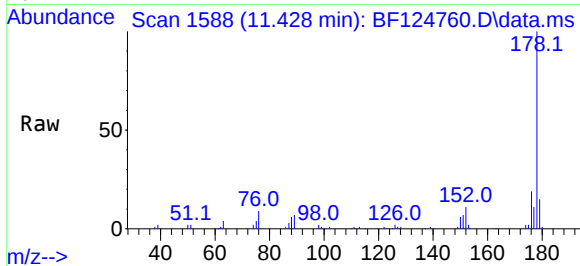
#71
Phenanthrene
Concen: 46.010 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Instrument :
BNA_F
ClientSampled :
PB137846BS

Tgt Ion:178 Resp: 64350
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 11.5 17.3

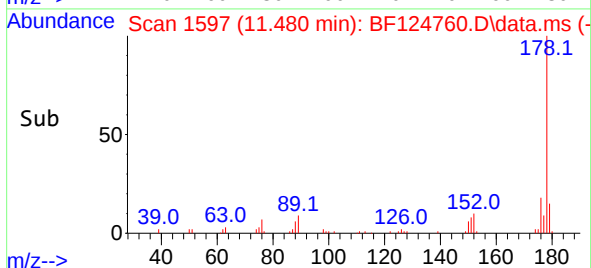
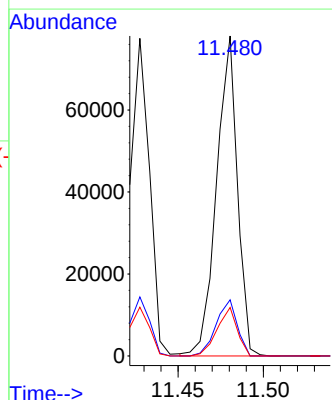
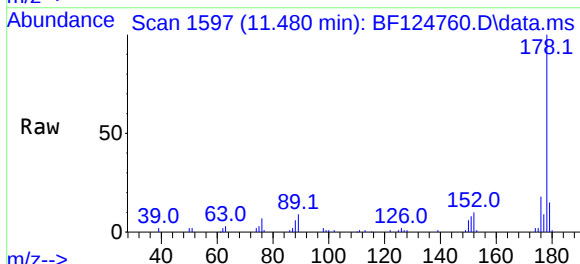
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



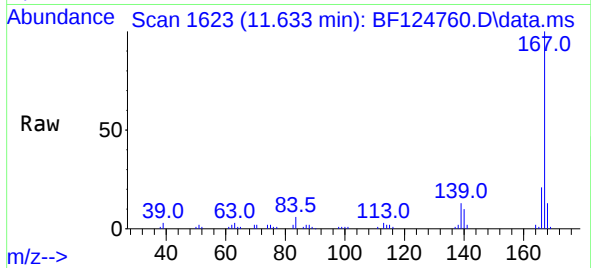
#72
Anthracene
Concen: 47.483 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:178 Resp: 66391
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 15.2 12.2 18.4

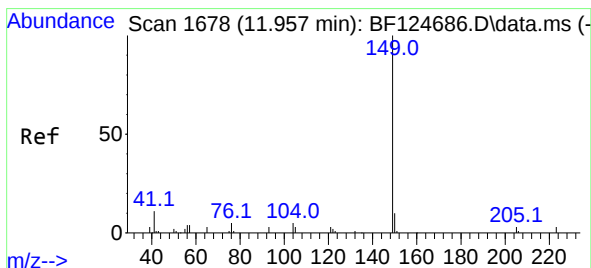
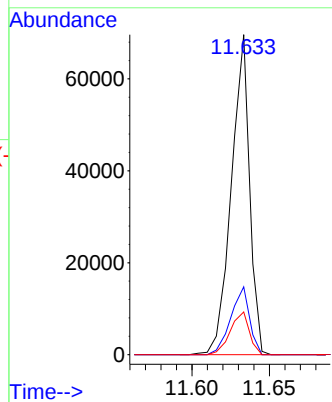
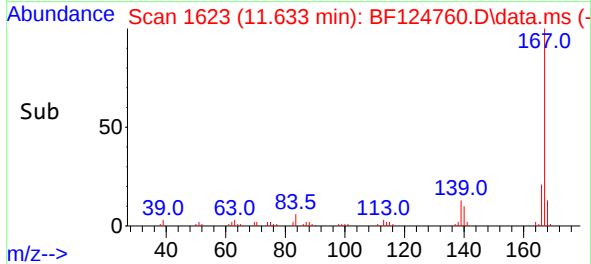




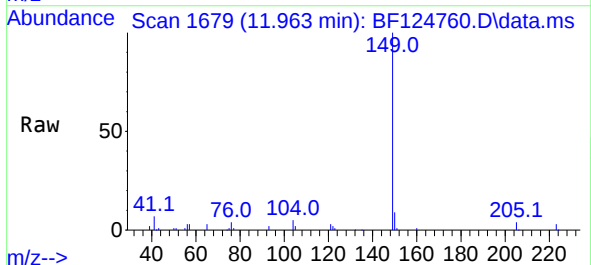
#73
Carbazole
Concen: 43.452 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



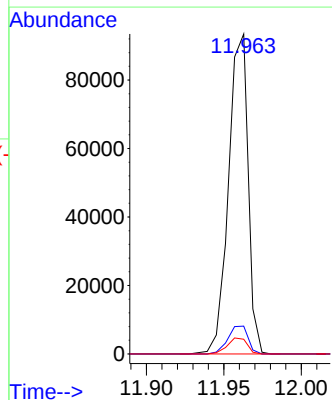
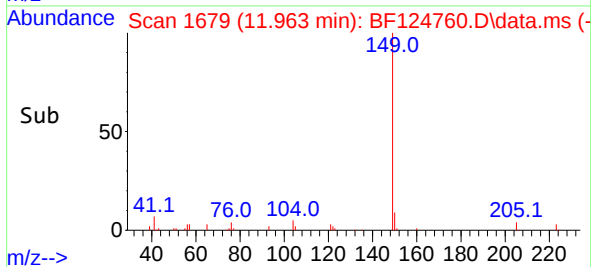
Tgt Ion:167 Resp: 56950
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.0
139 13.4 11.0 16.4



#74
Di-n-butylphthalate
Concen: 47.065 ng
RT: 11.963 min Scan# 1679
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



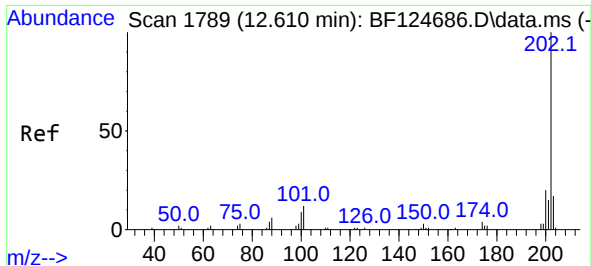
Tgt Ion:149 Resp: 82162
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 4.6 4.1 6.1



Instrument :
BNA_F
ClientSampled :
PB137846BS

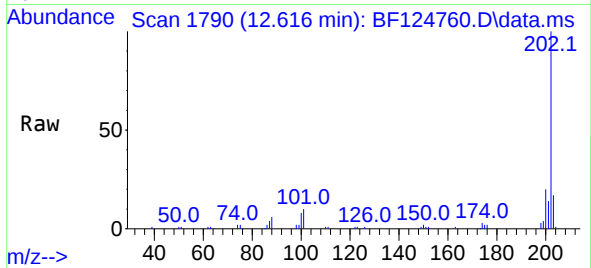
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#75
Fluoranthene
Concen: 45.686 ng
RT: 12.616 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

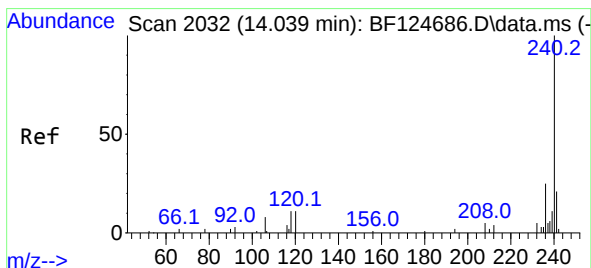
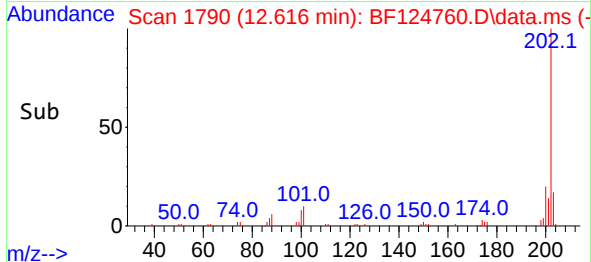
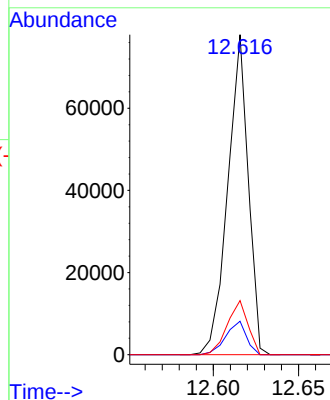
Instrument :
BNA_F
ClientSampled :
PB137846BS



Tgt Ion:202 Resp: 65204
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 16.9 0.0 36.3

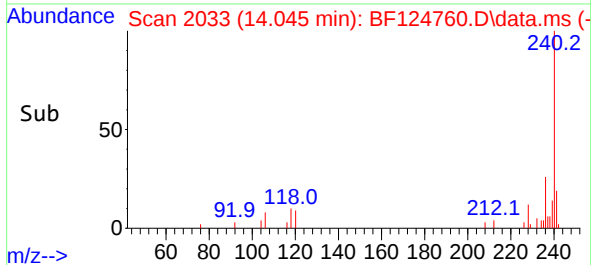
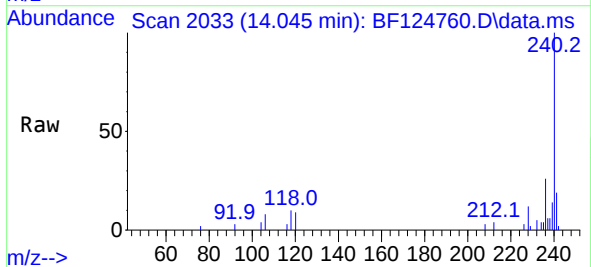
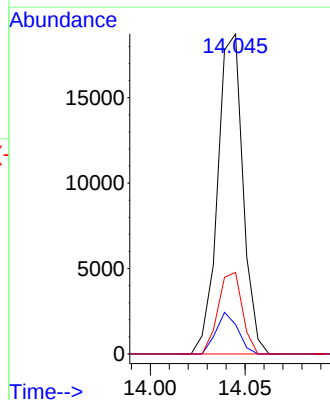
Manual Integrations
APPROVED

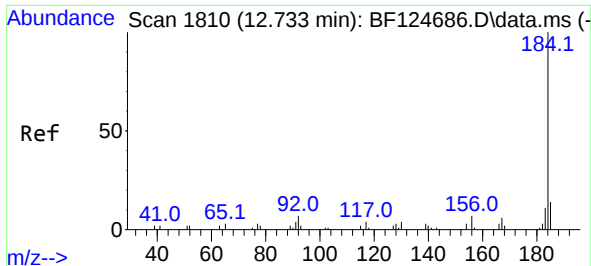
mohammad
7/27/2021 12:05:07 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:240 Resp: 17417
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.5 21.6 32.4





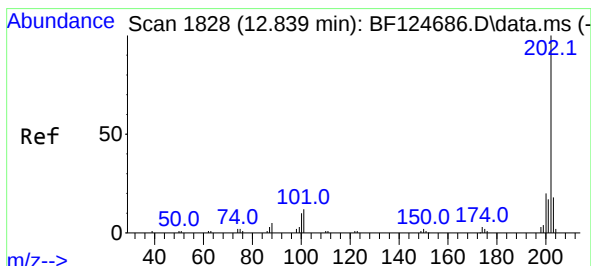
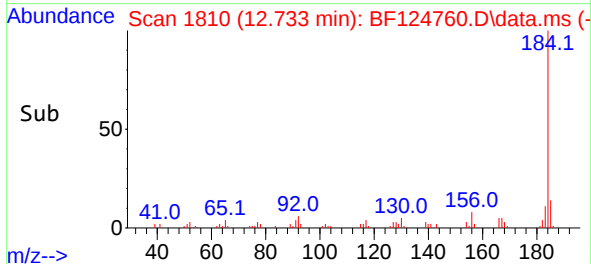
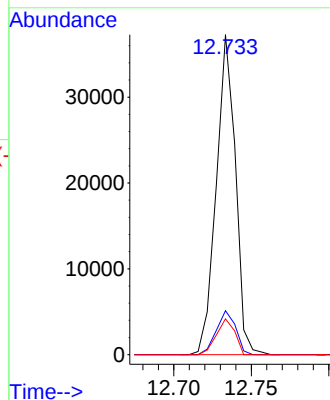
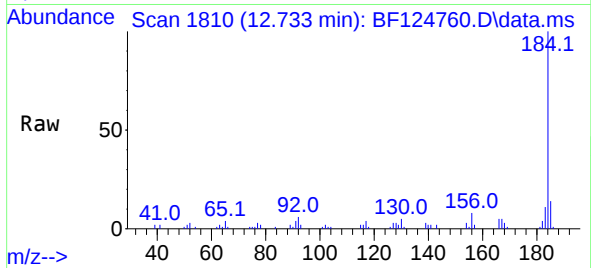
#77
Benzidine
Concen: 65.305 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:184	Resp:	32074
Ion Ratio	Lower	Upper
184	100	
185	13.8	10.8 16.2
183	11.2	8.1 12.1

Instrument :
BNA_F
ClientSampleId :
PB137846BS

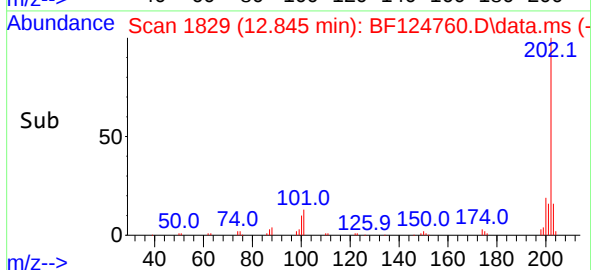
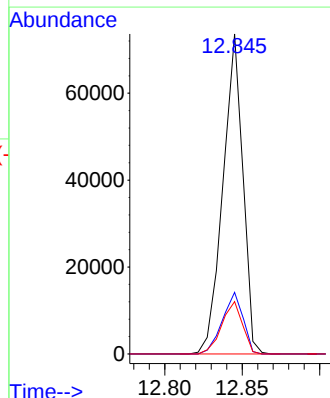
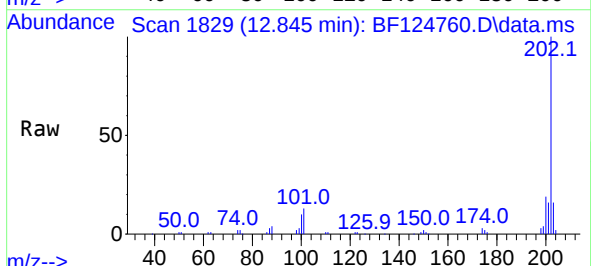
Manual Integrations
APPROVED

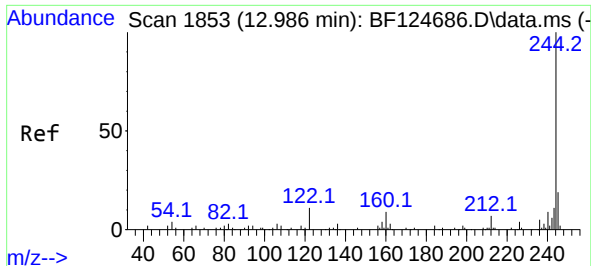
mohammad
7/27/2021 12:05:07 PM



#78
Pyrene
Concen: 47.704 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

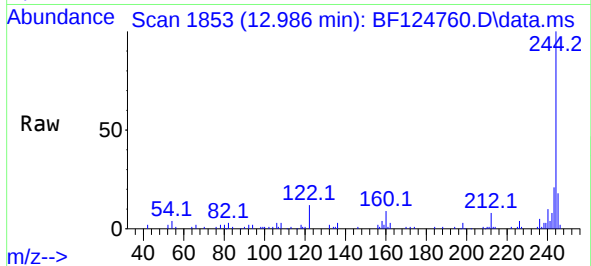
Tgt Ion:202	Resp:	65777
Ion Ratio	Lower	Upper
202	100	
200	19.3	15.3 22.9
203	16.4	13.4 20.0





#79
Terphenyl-d14
Concen: 66.668 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

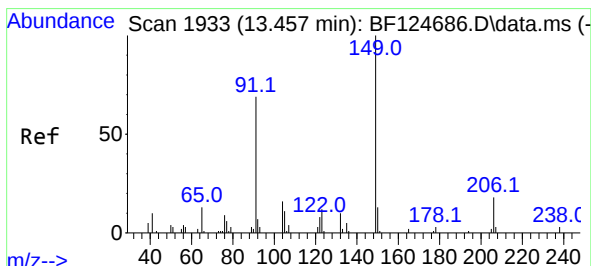
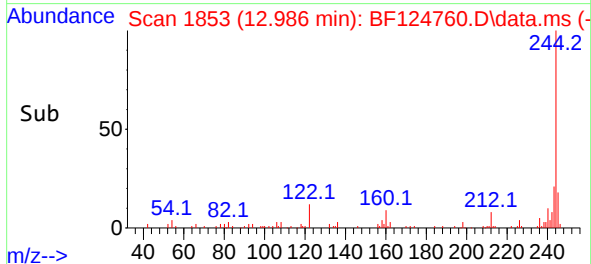
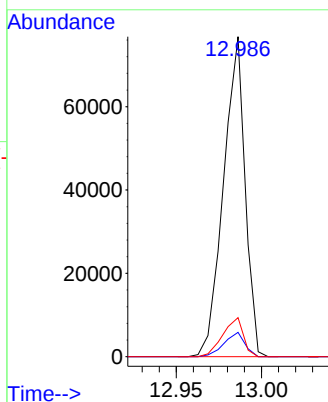
Instrument :
BNA_F
ClientSampleId :
PB137846BS



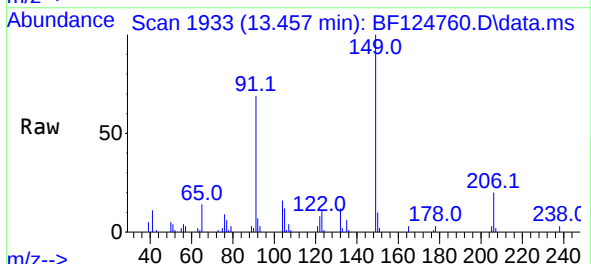
Tgt Ion:244 Resp: 67740
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 12.2 9.0 13.4

Manual Integrations
APPROVED

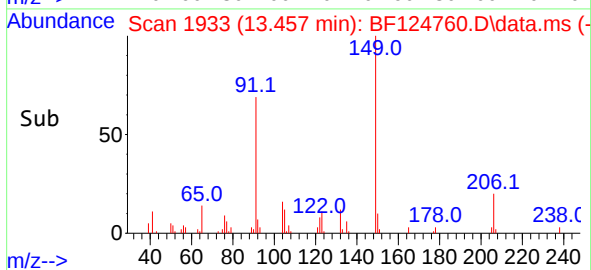
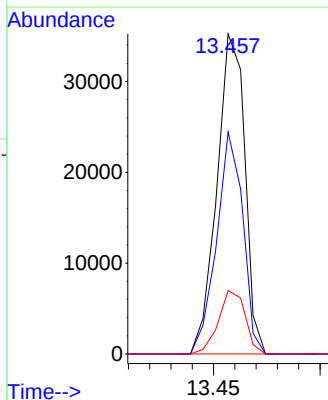
mohammad
7/27/2021 12:05:07 PM

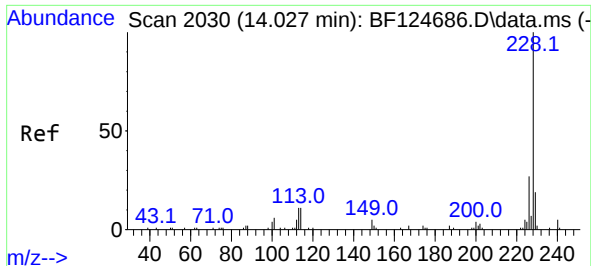


#80
Butylbenzylphthalate
Concen: 48.598 ng
RT: 13.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



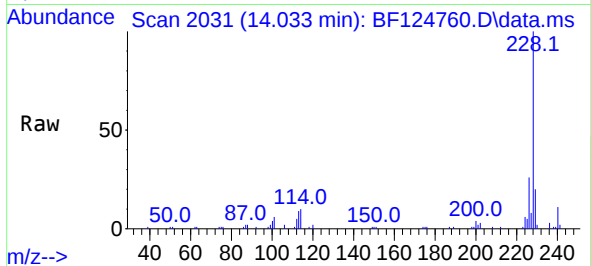
Tgt Ion:149 Resp: 32095
Ion Ratio Lower Upper
149 100
91 69.4 51.8 77.8
206 19.8 14.5 21.7





#81
Benzo(a)anthracene
Concen: 45.774 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

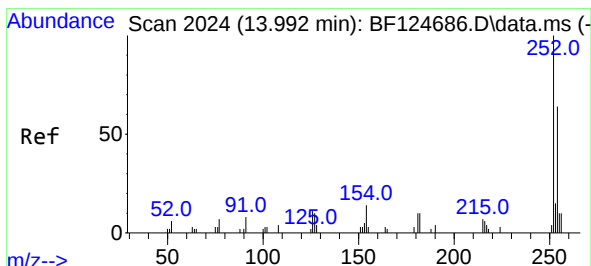
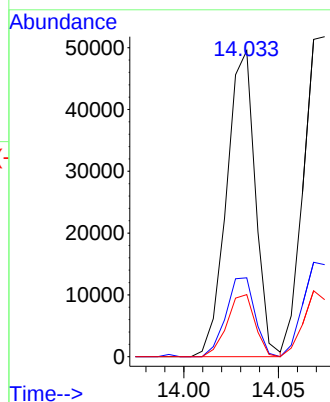
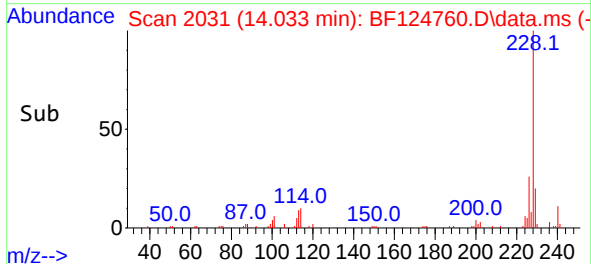
Instrument :
BNA_F
ClientSampled :
PB137846BS



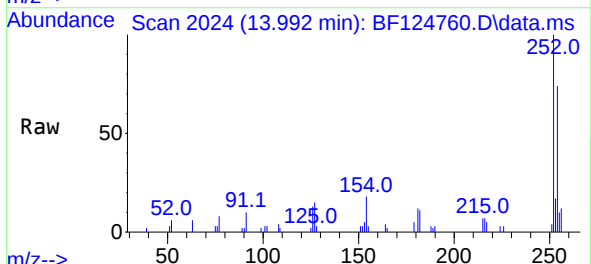
Tgt Ion:228 Resp: 52113
Ion Ratio Lower Upper
228 100
226 25.8 21.6 32.4
229 20.3 15.6 23.4

Manual Integrations
APPROVED

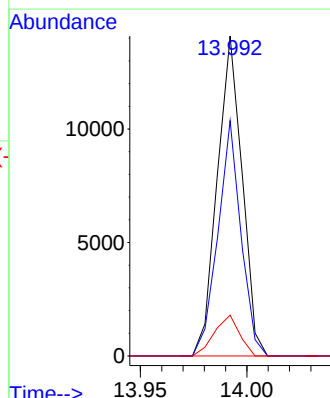
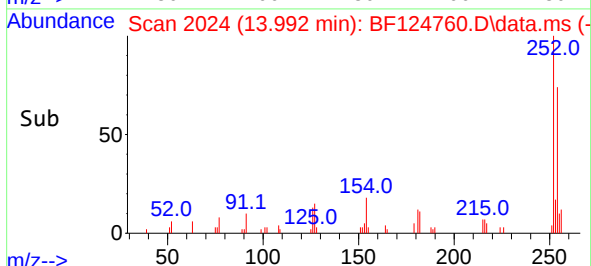
mohammad
7/27/2021 12:05:07 PM



#82
3,3'-Dichlorobenzidine
Concen: 36.195 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



Tgt Ion:252 Resp: 11436
Ion Ratio Lower Upper
252 100
254 73.5 51.4 77.0
126 12.7 9.5 14.3





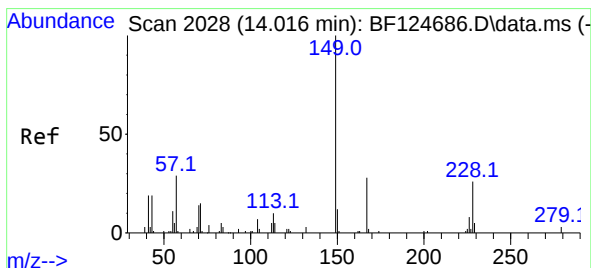
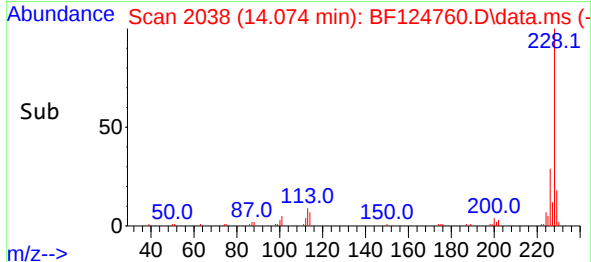
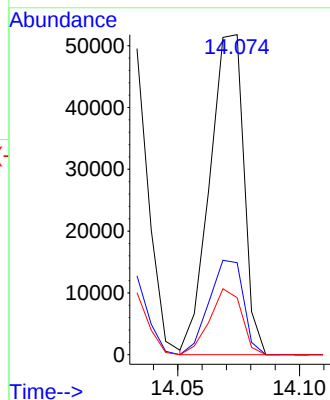
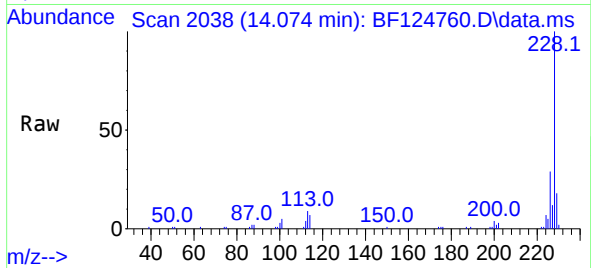
#83
Chrysene
Concen: 46.045 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:228 Resp: 50504
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 17.8 15.9 23.9

Instrument :
BNA_F
ClientSampled :
PB137846BS

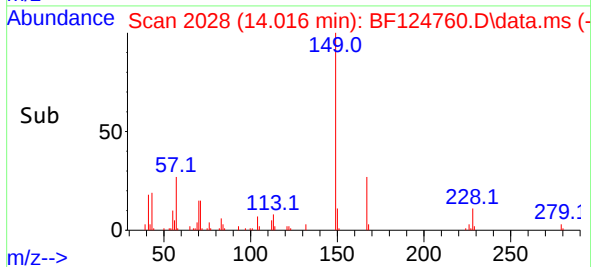
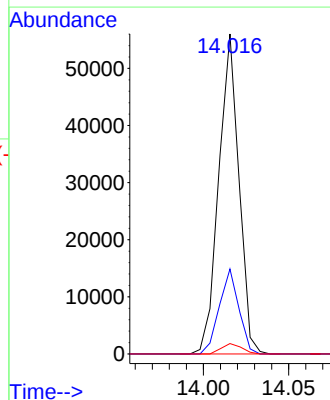
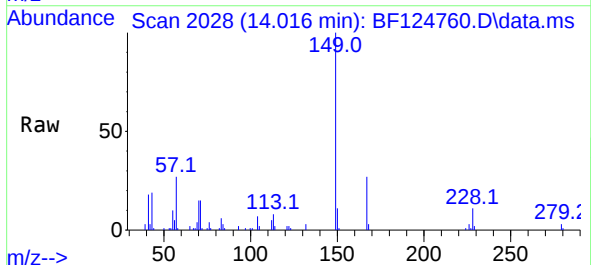
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



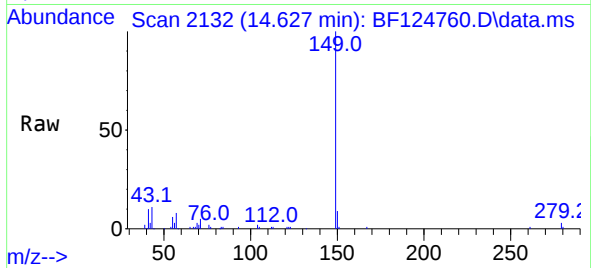
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.459 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:149 Resp: 46167
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 3.3 2.6 4.0

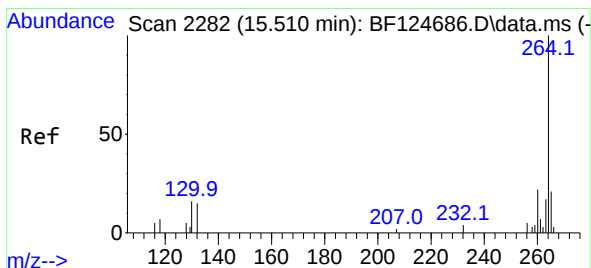
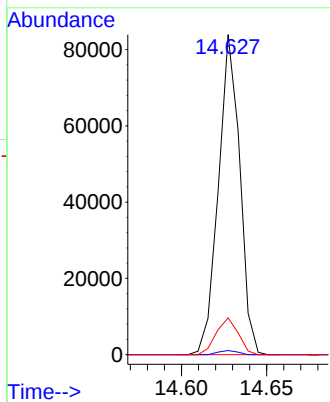
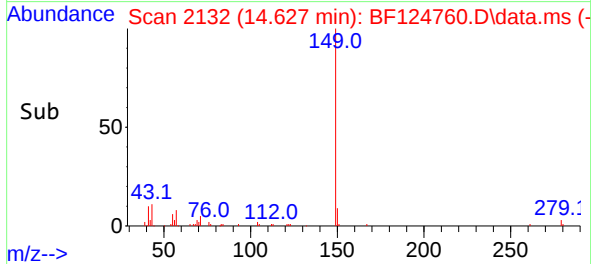




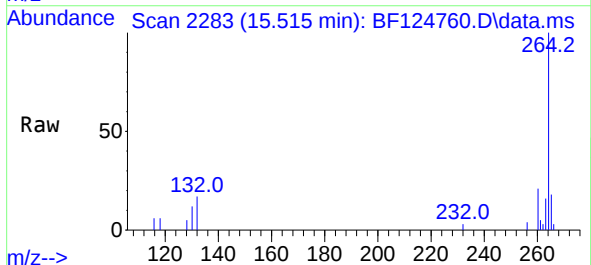
#85
Di-n-octyl phthalate
Concen: 46.357 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



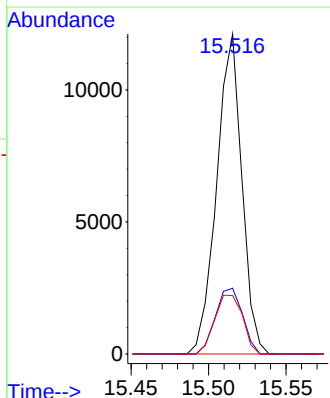
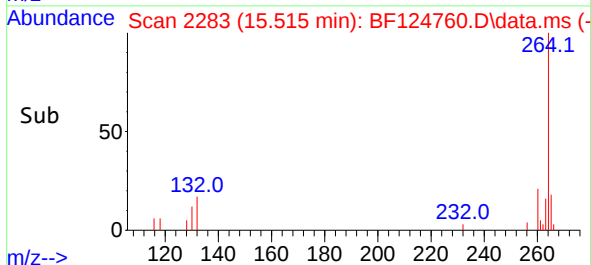
Tgt Ion:149 Resp: 73177
Ion Ratio Lower Upper
149 100
167 1.2 1.0 1.6
43 11.8 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51



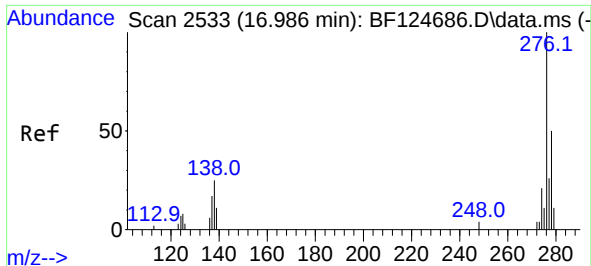
Tgt Ion:264 Resp: 13665
Ion Ratio Lower Upper
264 100
260 20.5 19.6 29.4
265 18.2 17.2 25.8



Instrument :
BNA_F
ClientSampleId :
PB137846BS

Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



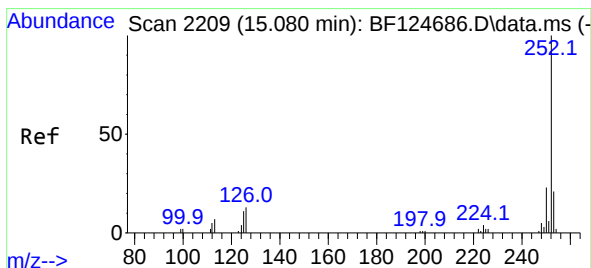
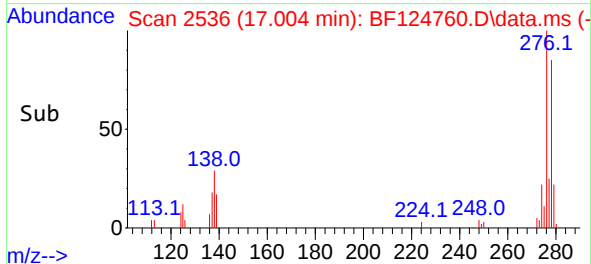
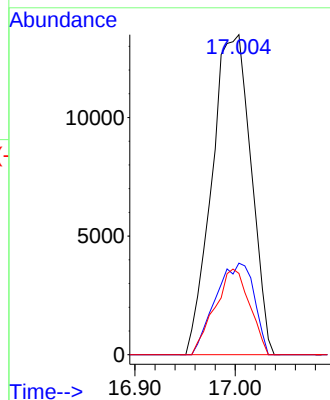
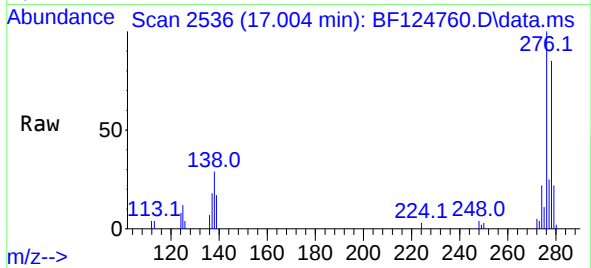
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.018 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion: 276 Resp: 36487
Ion Ratio Lower Upper
276 100
138 28.4 24.1 36.1
277 23.8 18.8 28.2

Instrument :
BNA_F
ClientSampled :
PB137846BS

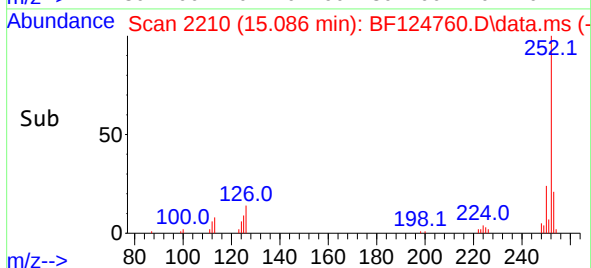
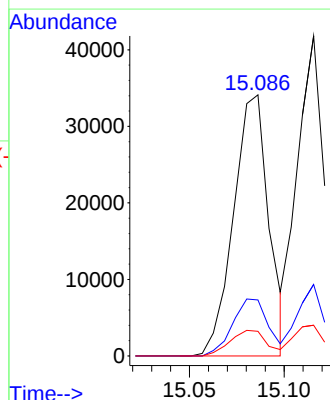
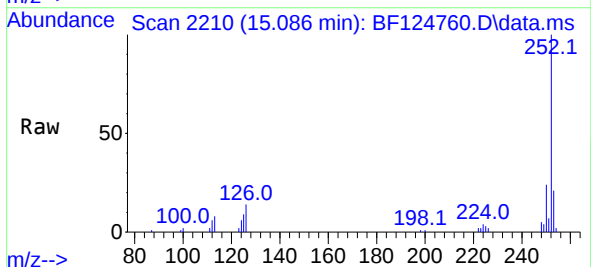
Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#88
Benzo(b)fluoranthene
Concen: 45.941 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion: 252 Resp: 44201
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 9.5 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 46.379 ng

RT: 15.116 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:	252	Resp:	40772
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	9.6	7.2	10.8

Instrument :

BNA_F

ClientSampleId :

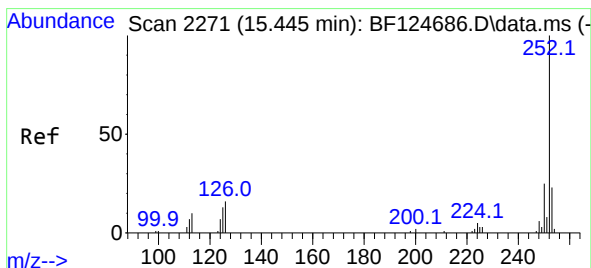
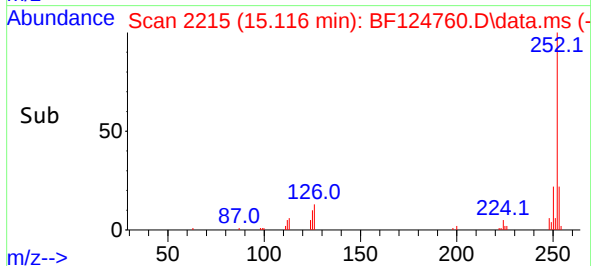
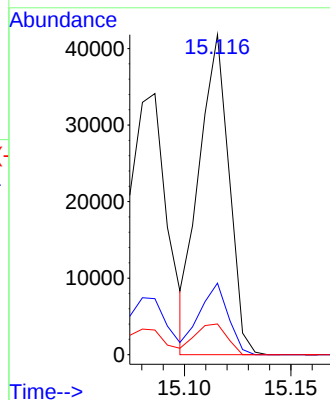
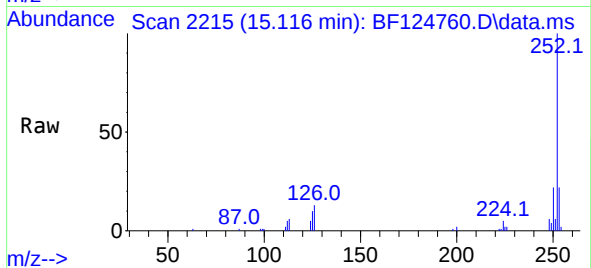
PB137846BS

Manual Integrations

APPROVED

mohammad

7/27/2021 12:05:07 PM



#90

Benzo(a)pyrene

Concen: 48.102 ng

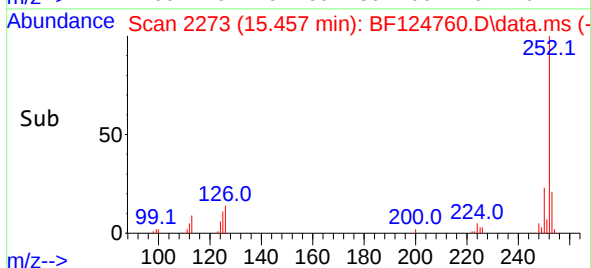
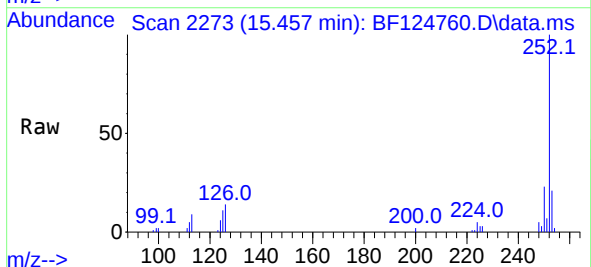
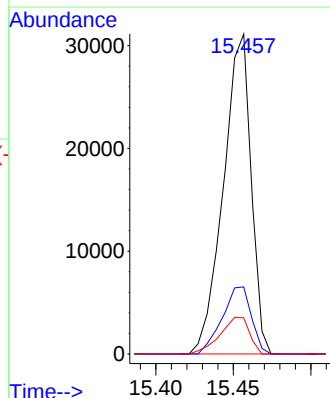
RT: 15.457 min Scan# 2273

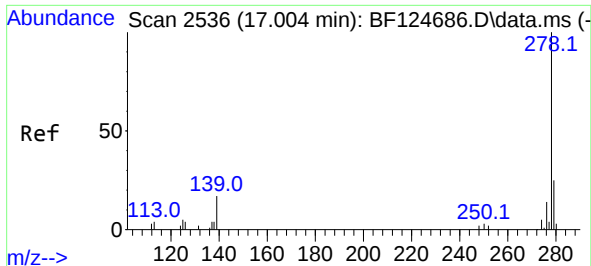
Delta R.T. 0.012 min

Lab File: BF124760.D

Acq: 26 Jul 2021 11:51

Tgt Ion:	252	Resp:	38660
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.4	27.6
125	11.3	9.9	14.9





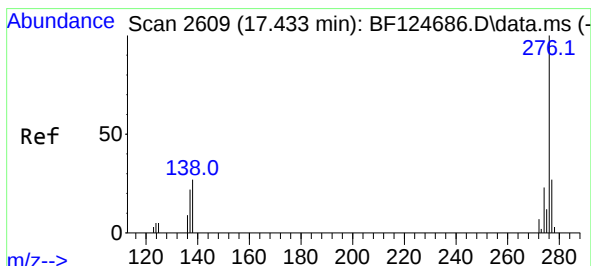
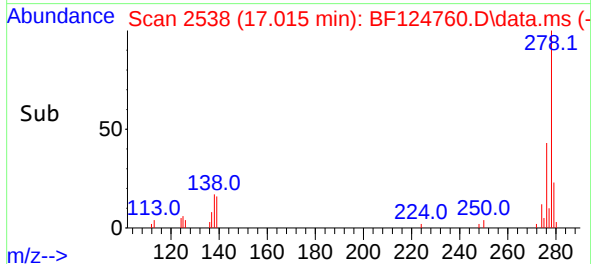
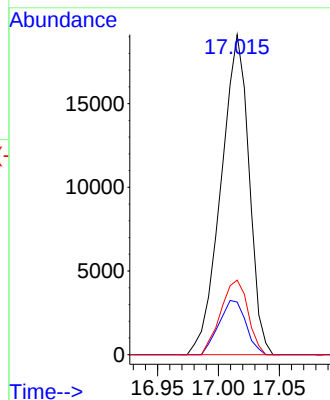
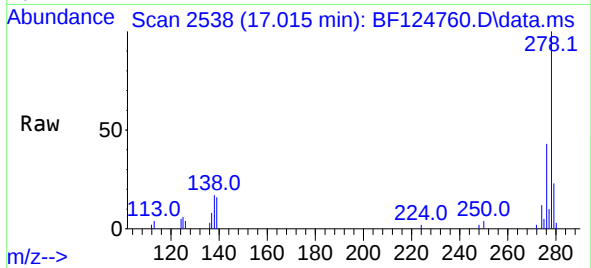
#91
Dibenzo(a,h)anthracene
Concen: 44.359 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.012 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:278 Resp: 30636
Ion Ratio Lower Upper
278 100
139 16.5 14.9 22.3
279 23.3 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
PB137846BS

Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:07 PM



#92
Benzo(g,h,i)perylene
Concen: 46.769 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.012 min
Lab File: BF124760.D
Acq: 26 Jul 2021 11:51

Tgt Ion:276 Resp: 30630
Ion Ratio Lower Upper
276 100
277 22.8 22.0 33.0
138 23.3 22.2 33.4

