

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130814.D
 Acq On : 27 Oct 2022 23:56
 Operator : CG\JU
 Sample : PB148514BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148514BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

Quant Time: Oct 28 04:55:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	94627	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	372091	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	206932	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	390072	20.000	ng	0.00
76) Chrysene-d12	14.139	240	234759	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	174856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	786609	144.110	ng	0.02
7) Phenol-d6	6.575	99	1022495	144.152	ng	0.00
23) Nitrobenzene-d5	7.522	82	652971	105.817	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	286311	164.362	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1226005	89.574	ng	0.00
79) Terphenyl-d14	13.086	244	1354548	105.732	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	97887	39.999	ng	91
3) Pyridine	3.616	79	268848	39.222	ng	98
4) n-Nitrosodimethylamine	3.587	42	190463	49.496	ng	97
6) Aniline	6.616	93	408817m	46.611	ng	
8) 2-Chlorophenol	6.740	128	308609	50.754	ng	100
9) Benzaldehyde	6.504	77	152925	33.685	ng	94
10) Phenol	6.587	94	368206	48.238	ng	98
11) bis(2-Chloroethyl)ether	6.693	93	294385	49.474	ng	98
12) 1,3-Dichlorobenzene	6.898	146	325638	47.261	ng	99
13) 1,4-Dichlorobenzene	6.975	146	328465	46.965	ng	99
14) 1,2-Dichlorobenzene	7.122	146	322374	49.770	ng	98
15) Benzyl Alcohol	7.093	79	290692m	48.196	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	537827	50.708	ng	99
17) 2-Methylphenol	7.198	107	257756	49.596	ng	99
18) Hexachloroethane	7.469	117	123624	48.908	ng	97
19) n-Nitroso-di-n-propyla...	7.369	70	232984	48.276	ng	96
20) 3+4-Methylphenols	7.351	107	320143	47.378	ng	94
22) Acetophenone	7.369	105	436227	48.354	ng	99
24) Nitrobenzene	7.540	77	345051	51.137	ng	99
25) Isophorone	7.781	82	643986	50.608	ng	99
26) 2-Nitrophenol	7.857	139	138838	51.831	ng	99
27) 2,4-Dimethylphenol	7.887	122	290483	54.851	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	372620	52.432	ng	98
29) 2,4-Dichlorophenol	8.092	162	264305	48.515	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	264512	45.152	ng	96
31) Naphthalene	8.263	128	883072	45.488	ng	100
32) Benzoic acid	8.004	122	185511	49.082	ng	94
33) 4-Chloroaniline	8.310	127	275067	35.857	ng	96
34) Hexachlorobutadiene	8.375	225	181780	46.744	ng	99
35) Caprolactam	8.681	113	88499m	50.692	ng	
36) 4-Chloro-3-methylphenol	8.787	107	297391	50.325	ng	97
37) 2-Methylnaphthalene	8.957	142	569697	46.653	ng	98
38) 1-Methylnaphthalene	9.057	142	540321	45.467	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	279430	47.618	ng	99
41) Hexachlorocyclopentadiene	9.110	237	389161	126.215	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	194356	47.664	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130814.D
 Acq On : 27 Oct 2022 23:56
 Operator : CG\JU
 Sample : PB148514BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148514BS

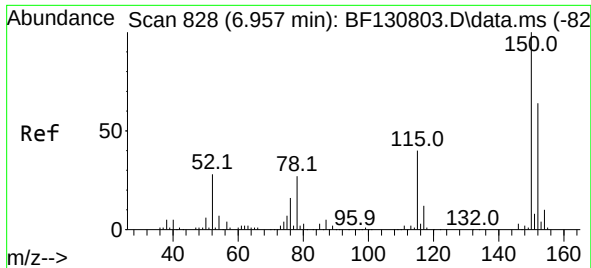
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/28/2022
 Supervised By : mohammad ahmed 11/04/2022

Quant Time: Oct 28 04:55:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

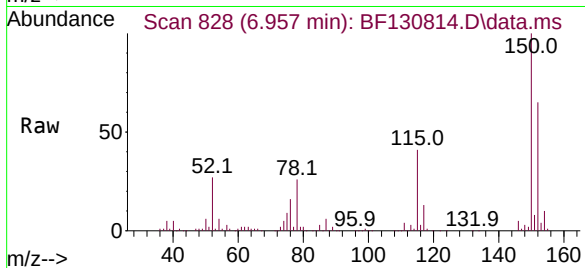
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	213490	49.005	ng	96
46) 1,1'-Biphenyl	9.422	154	713784	48.415	ng	99
47) 2-Chloronaphthalene	9.445	162	553703	46.838	ng	98
48) 2-Nitroaniline	9.539	65	193701	50.701	ng	99
49) Acenaphthylene	9.869	152	886364	47.446	ng	99
50) Dimethylphthalate	9.722	163	672691	47.328	ng	99
51) 2,6-Dinitrotoluene	9.786	165	142011	52.295	ng	# 84
52) Acenaphthene	10.039	154	594541	51.468	ng	99
53) 3-Nitroaniline	9.951	138	119840	43.288	ng	97
54) 2,4-Dinitrophenol	10.057	184	124710	90.629	ng	93
55) Dibenzofuran	10.210	168	792286	47.318	ng	99
56) 4-Nitrophenol	10.104	139	240999	109.943	ng	97
57) 2,4-Dinitrotoluene	10.186	165	184427	53.839	ng	# 88
58) Fluorene	10.557	166	609518	46.230	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	174034	48.454	ng	99
60) Diethylphthalate	10.428	149	683812	48.919	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	303974	48.194	ng	98
62) 4-Nitroaniline	10.575	138	150849	53.811	ng	98
63) Azobenzene	10.704	77	707429	48.482	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	79367	48.572	ng	93
66) n-Nitrosodiphenylamine	10.663	169	581183	47.767	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	190967	48.681	ng	98
68) Hexachlorobenzene	11.098	284	210368	48.673	ng	97
69) Atrazine	11.192	200	202772	57.709	ng	97
70) Pentachlorophenol	11.292	266	240084	97.345	ng	97
71) Phenanthrene	11.522	178	927553	46.072	ng	99
72) Anthracene	11.575	178	951914	47.937	ng	100
73) Carbazole	11.728	167	850845	47.845	ng	99
74) Di-n-butylphthalate	12.051	149	1044461	48.360	ng	99
75) Fluoranthene	12.710	202	986411	46.113	ng	99
77) Benzidine	12.833	184	501803	88.055	ng	99
78) Pyrene	12.945	202	990923	50.031	ng	99
80) Butylbenzylphthalate	13.557	149	380872	53.451	ng	97
81) Benzo(a)anthracene	14.133	228	736938	47.347	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	167735	39.929	ng	94
83) Chrysene	14.169	228	695201	46.306	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	457473	53.395	ng	100
85) Di-n-octyl phthalate	14.739	149	630067	53.285	ng	99
87) Indeno(1,2,3-cd)pyrene	17.215	276	640843	55.189	ng	99
88) Benzo(b)fluoranthene	15.210	252	556230	49.210	ng	99
89) Benzo(k)fluoranthene	15.239	252	548832	49.830	ng	99
90) Benzo(a)pyrene	15.592	252	479191	52.737	ng	98
91) Dibenzo(a,h)anthracene	17.239	278	560312	59.193	ng	99
92) Benzo(g,h,i)perylene	17.692	276	575832	59.627	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

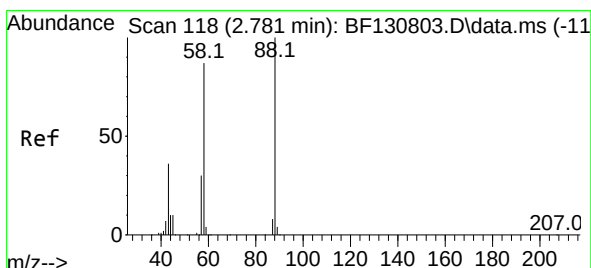
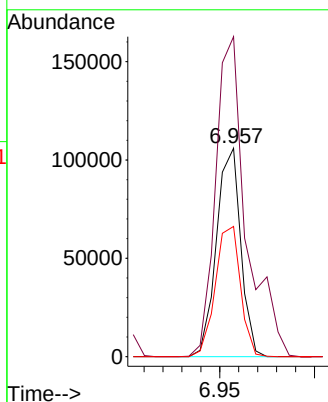
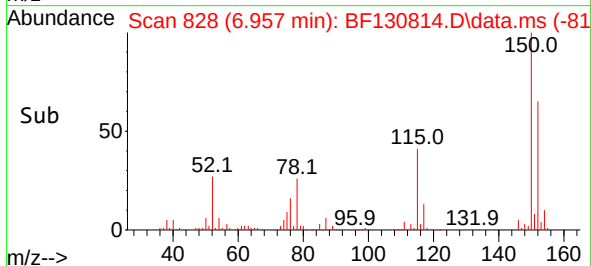
Instrument :
BNA_F
ClientSampleId :
PB148514BS



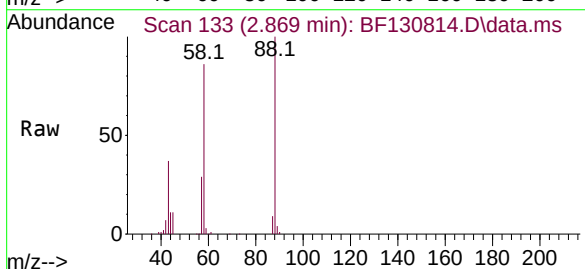
Tgt Ion:152 Resp: 9462
Ion Ratio Lower Upper
152 100
150 153.6 124.1 186.1
115 62.5 50.1 75.1

Manual Integrations
APPROVED

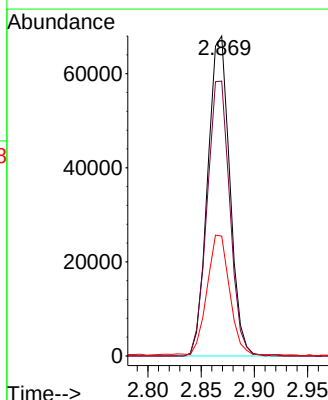
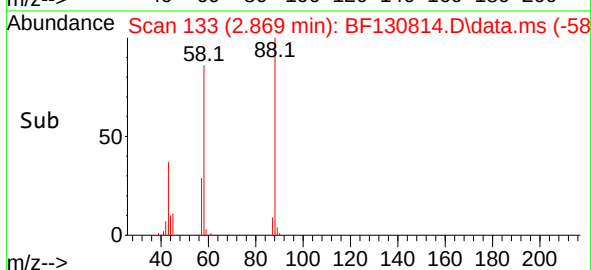
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

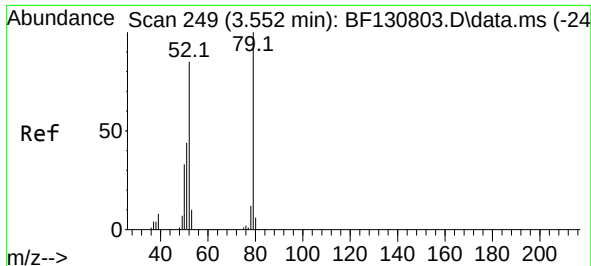


#2
1,4-Dioxane
Concen: 39.999 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.088 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



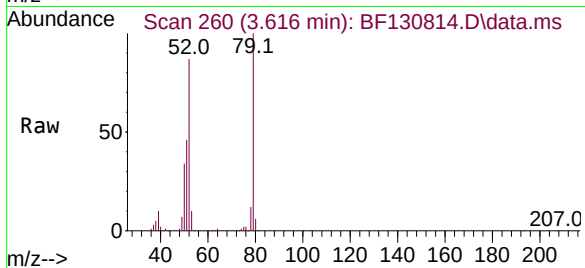
Tgt Ion: 88 Resp: 97887
Ion Ratio Lower Upper
88 100
58 88.2 64.7 97.1
43 38.6 26.5 39.7





#3
Pyridine
Concen: 39.222 ng
RT: 3.616 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

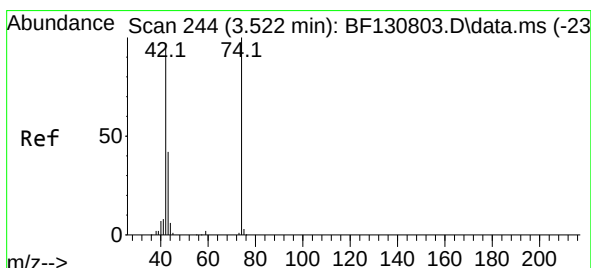
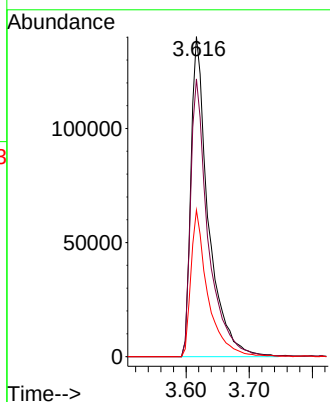
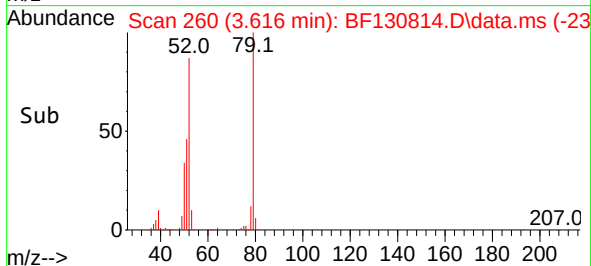
Instrument :
BNA_F
ClientSampleId :
PB148514BS



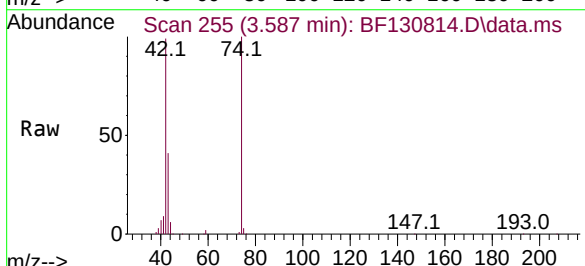
Tgt Ion: 79 Resp: 268848
Ion Ratio Lower Upper
79 100
52 86.8 68.2 102.4
51 45.8 35.2 52.8

Manual Integrations
APPROVED

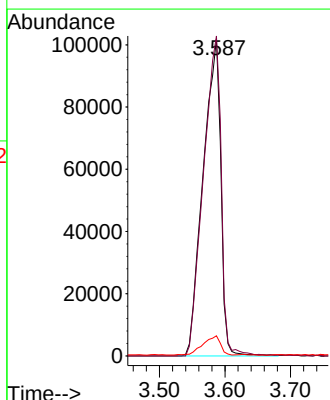
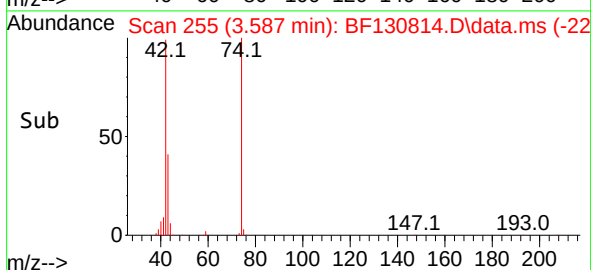
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

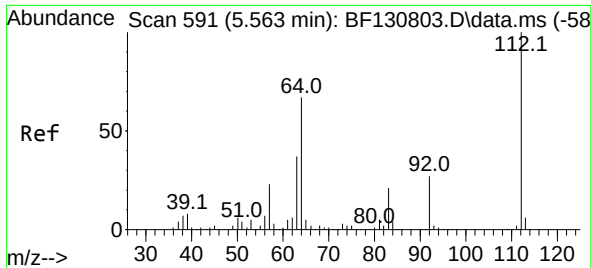


#4
n-Nitrosodimethylamine
Concen: 49.496 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.065 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion: 42 Resp: 190463
Ion Ratio Lower Upper
42 100
74 101.0 82.8 124.2
44 6.4 6.0 9.0





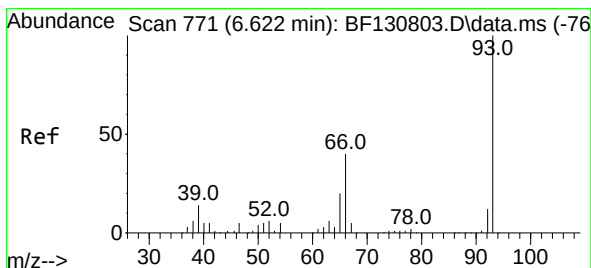
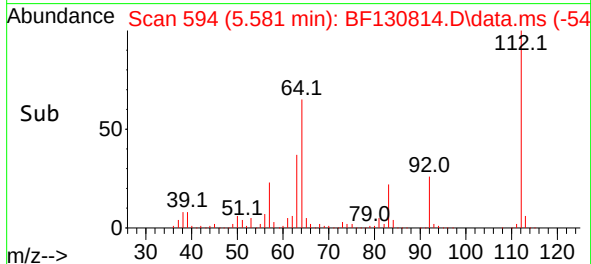
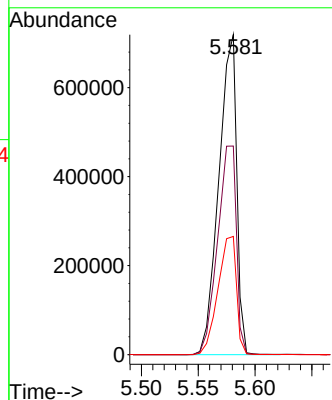
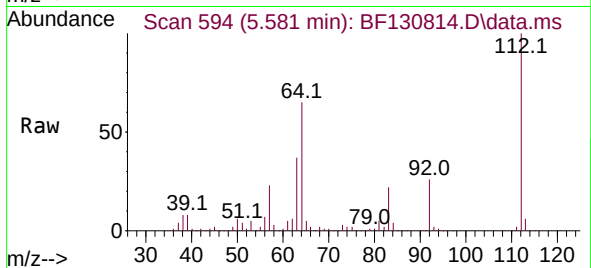
#5
2-Fluorophenol
Concen: 144.110 ng
RT: 5.581 min Scan# 591
Delta R.T. 0.018 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion:112 Resp: 786609
Ion Ratio Lower Upper
112 100
64 65.2 53.9 80.9
63 36.9 29.4 44.2

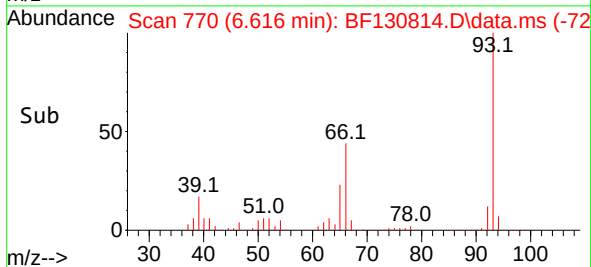
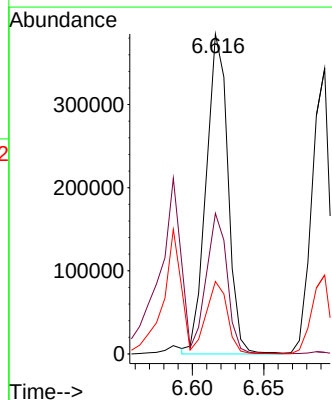
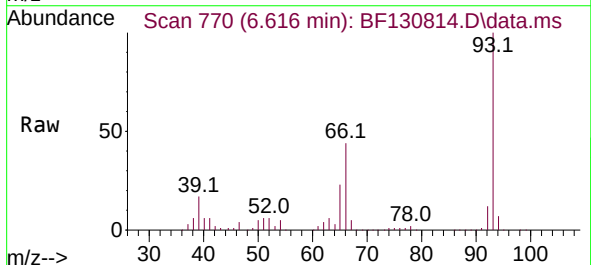
Manual Integrations
APPROVED

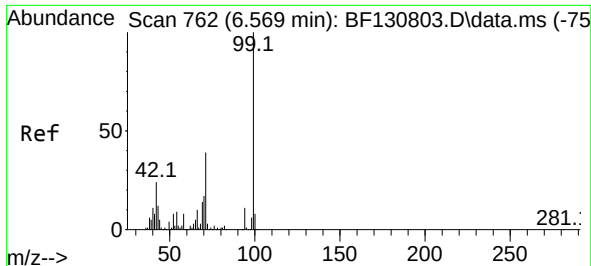
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#6
Aniline
Concen: 46.611 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

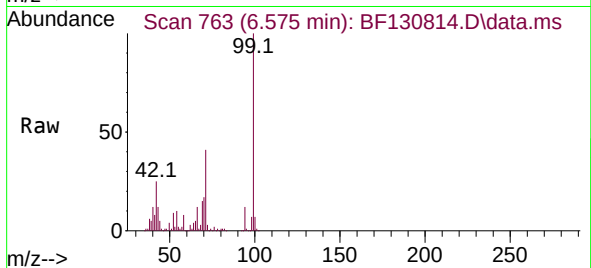
Tgt Ion: 93 Resp: 408817
Ion Ratio Lower Upper
93 100
66 43.9 33.8 50.8
65 22.6 17.2 25.8





#7
Phenol-d6
Concen: 144.152 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

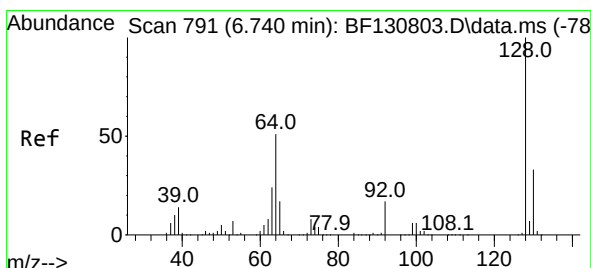
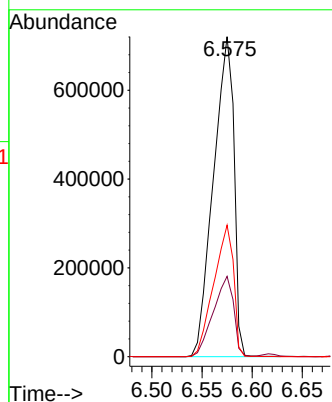
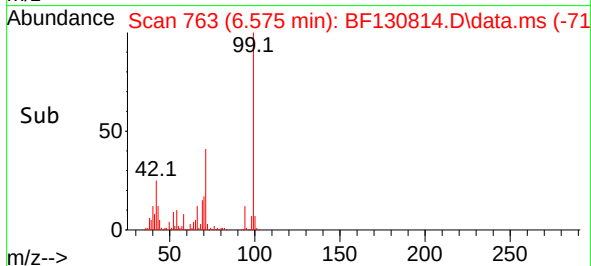
Instrument :
BNA_F
Client Sample Id :
PB148514BS



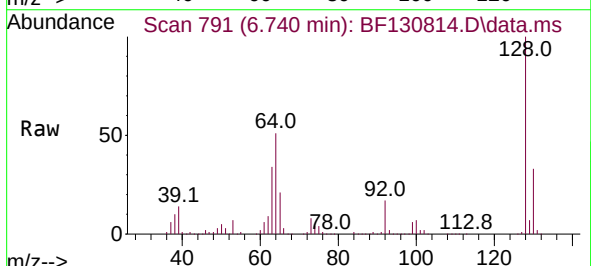
Tgt Ion: 99 Resp: 1022495
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 41.1 31.4 47.0

Manual Integrations
APPROVED

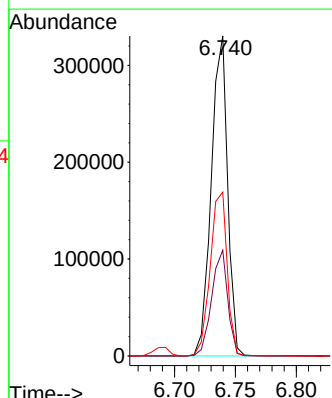
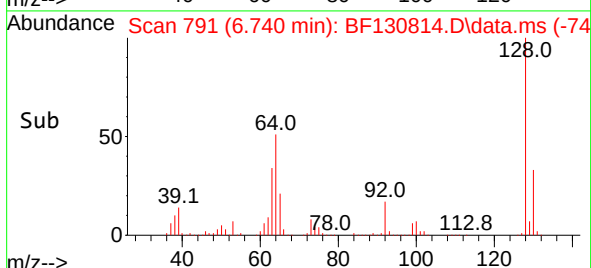
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

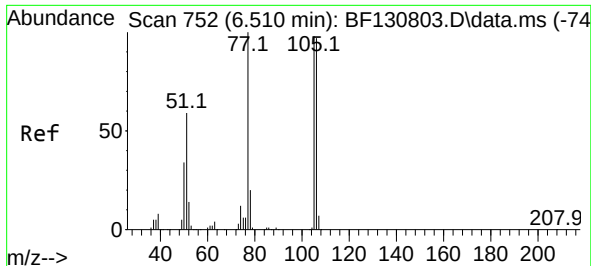


#8
2-Chlorophenol
Concen: 50.754 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



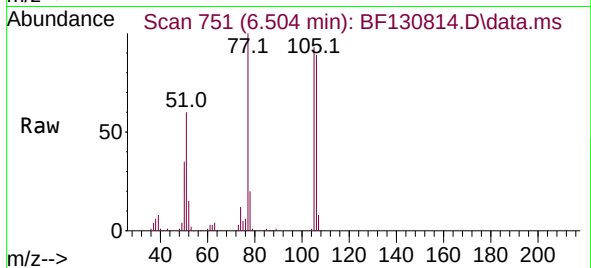
Tgt Ion:128 Resp: 308609
Ion Ratio Lower Upper
128 100
130 33.0 12.7 52.7
64 51.2 31.3 71.3





#9
Benzaldehyde
Concen: 33.685 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

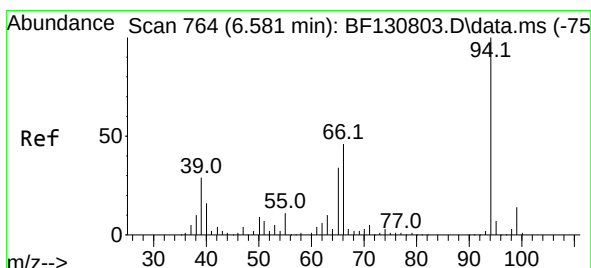
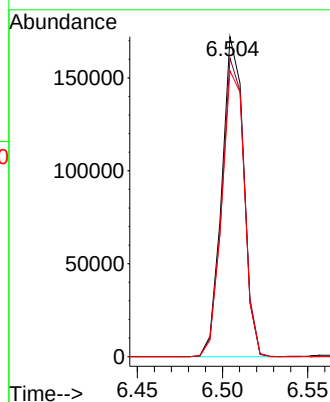
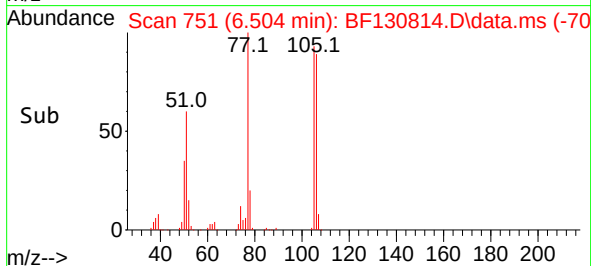
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion: 77 Resp: 152925
Ion Ratio Lower Upper
77 100
105 93.3 78.2 118.2
106 89.3 76.6 116.6

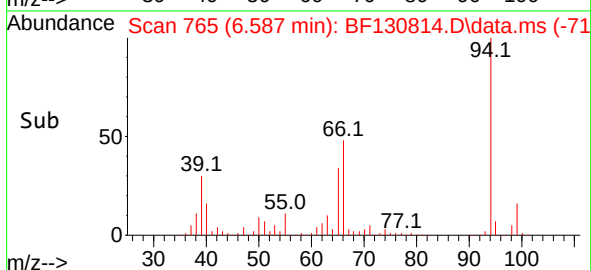
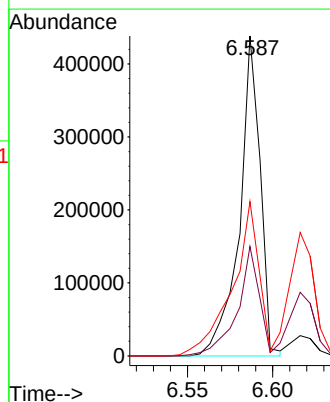
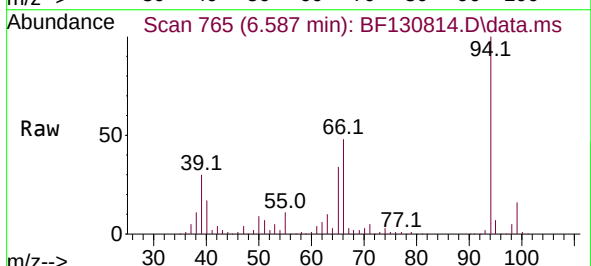
Manual Integrations
APPROVED

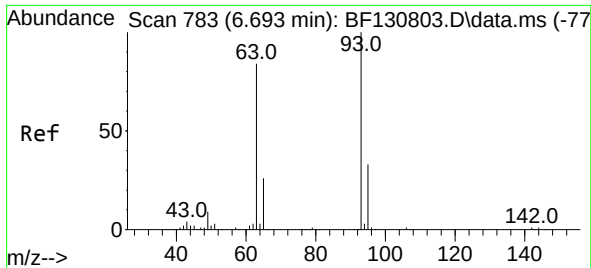
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#10
Phenol
Concen: 48.238 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion: 94 Resp: 368206
Ion Ratio Lower Upper
94 100
65 34.2 13.7 53.7
66 48.2 26.5 66.5





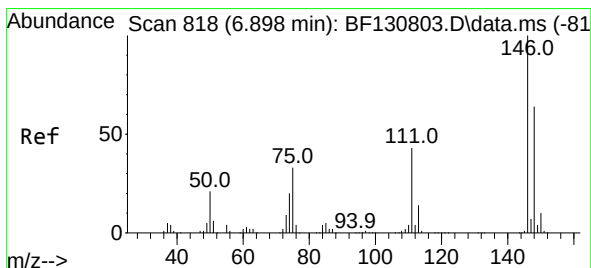
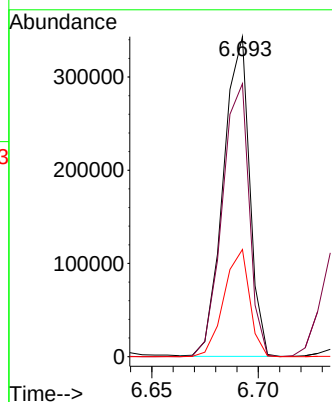
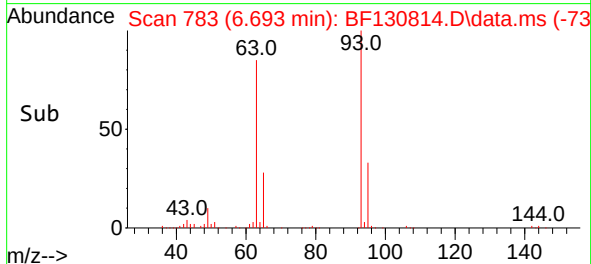
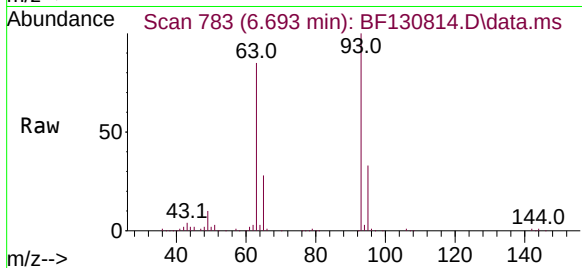
#11
bis(2-Chloroethyl)ether
Concen: 49.474 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion: 93 Resp: 294385
Ion Ratio Lower Upper
93 100
63 85.3 63.4 103.4
95 33.5 12.6 52.6

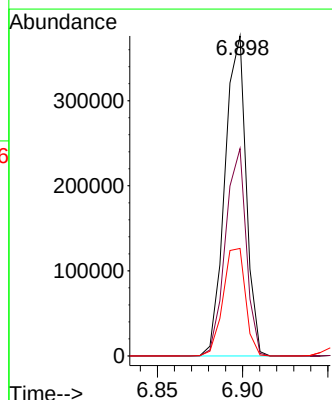
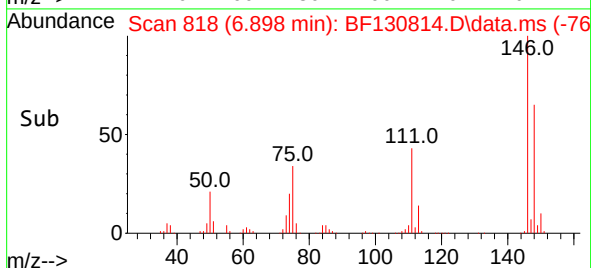
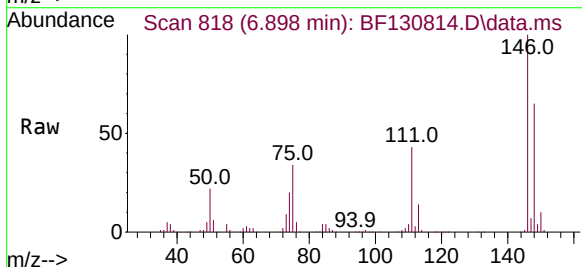
Manual Integrations
APPROVED

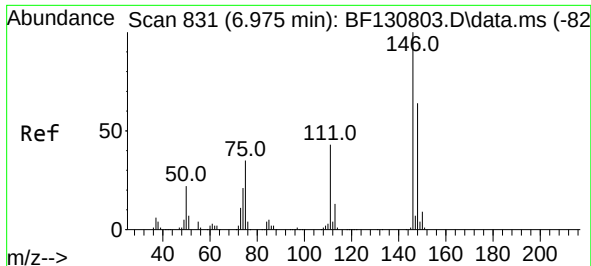
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#12
1,3-Dichlorobenzene
Concen: 47.261 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

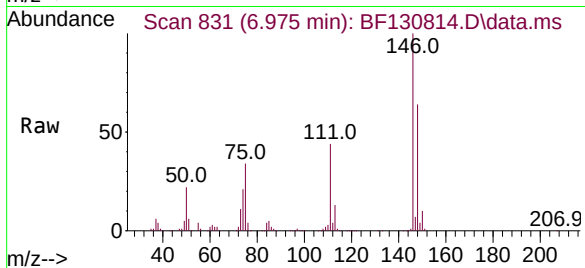
Tgt Ion:146 Resp: 325638
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 33.6 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 46.965 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

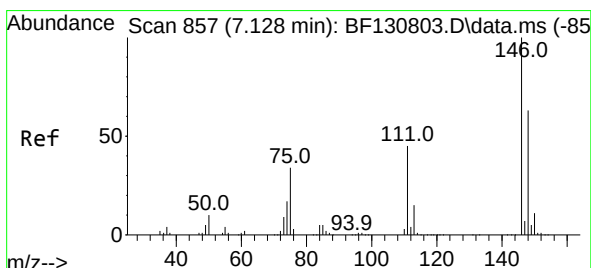
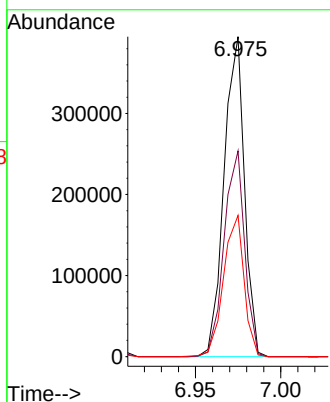
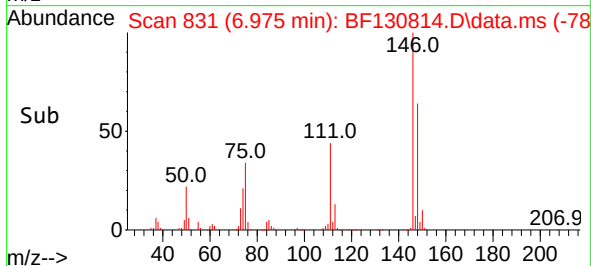
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:146 Resp: 328465
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 44.1 34.6 51.8

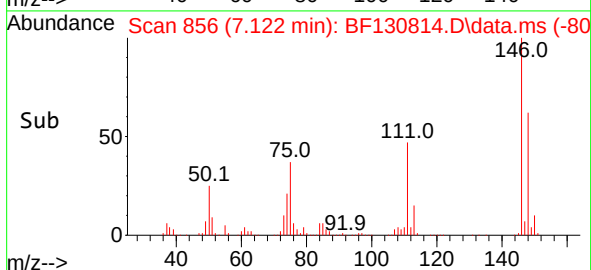
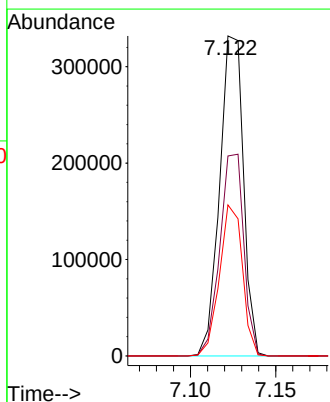
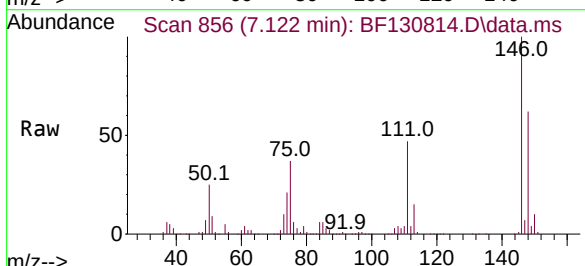
Manual Integrations
APPROVED

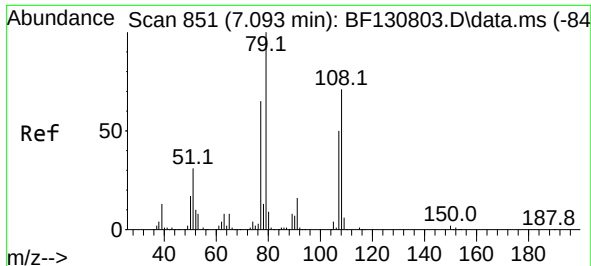
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#14
1,2-Dichlorobenzene
Concen: 49.770 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

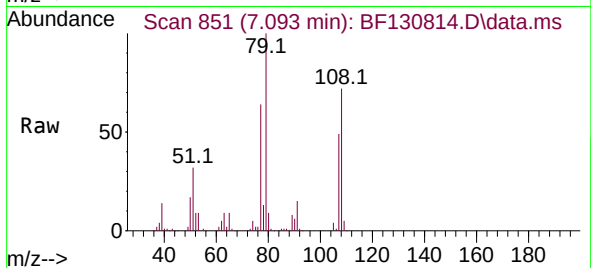
Tgt Ion:146 Resp: 322374
Ion Ratio Lower Upper
146 100
148 62.5 50.6 76.0
111 47.2 36.3 54.5





#15
Benzyl Alcohol
Concen: 48.196 ng m
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

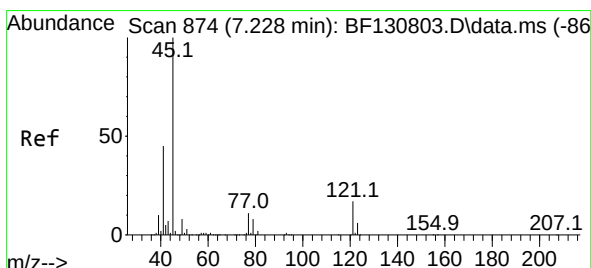
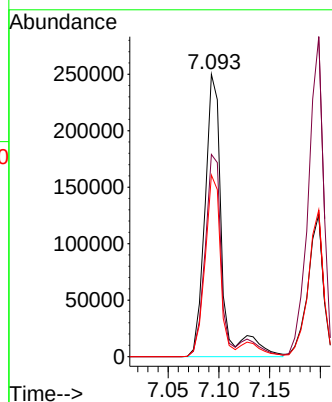
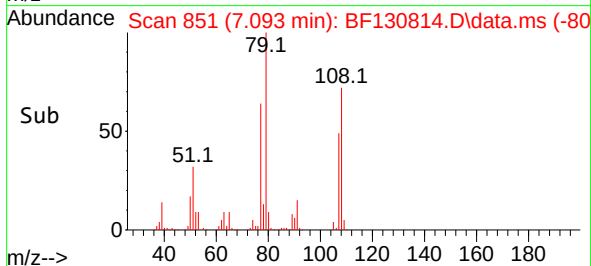
Instrument :
BNA_F
ClientSampleId :
PB148514BS



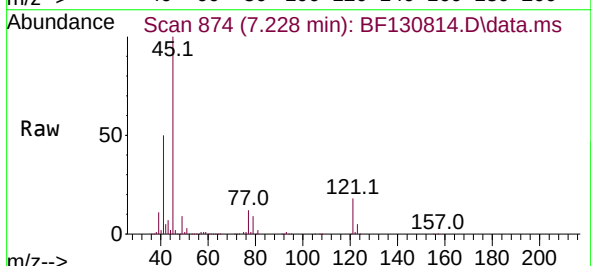
Tgt Ion: 79 Resp: 290692
Ion Ratio Lower Upper
79 100
108 71.6 56.4 84.6
77 64.3 51.8 77.8

Manual Integrations
APPROVED

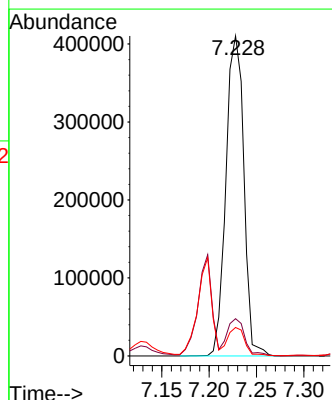
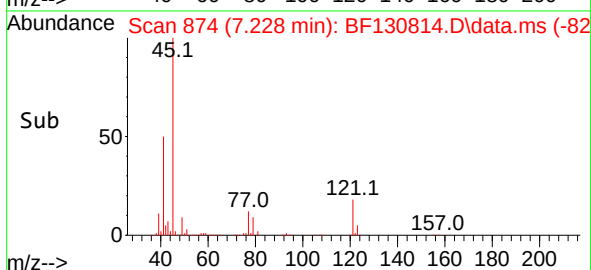
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

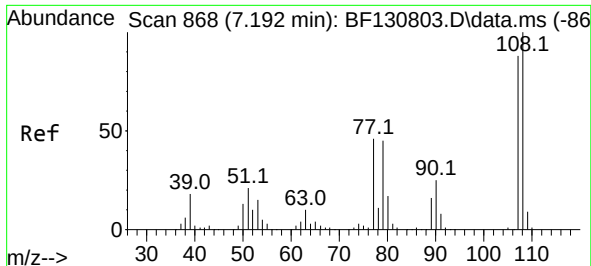


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.708 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



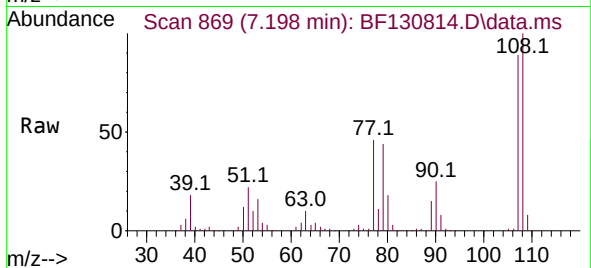
Tgt Ion: 45 Resp: 537827
Ion Ratio Lower Upper
45 100
77 11.6 0.0 31.2
79 8.9 0.0 28.4





#17
2-Methylphenol
Concen: 49.596 ng
RT: 7.198 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

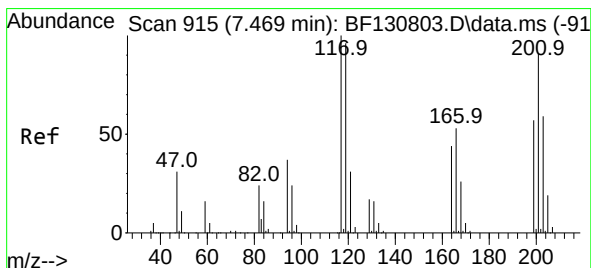
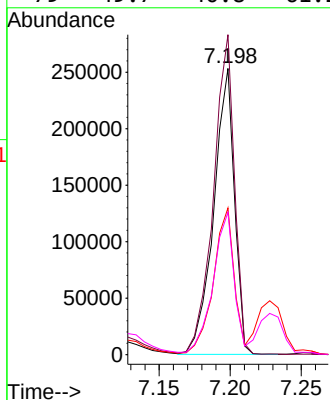
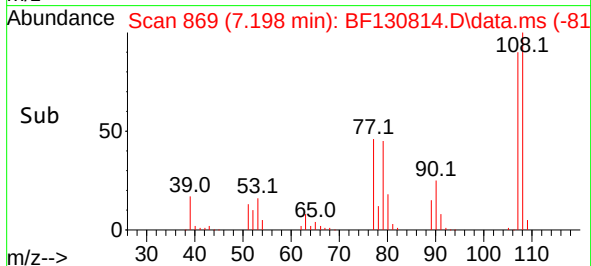
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:107 Resp: 257756
Ion Ratio Lower Upper
107 100
108 111.8 90.5 135.7
77 51.2 41.2 61.8
79 49.7 40.8 61.2

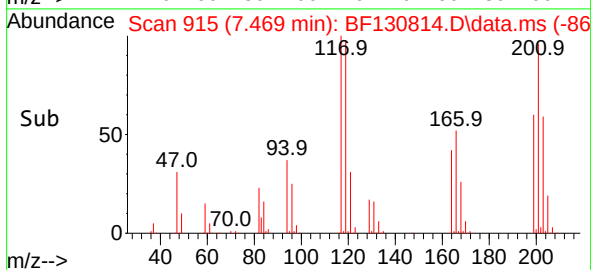
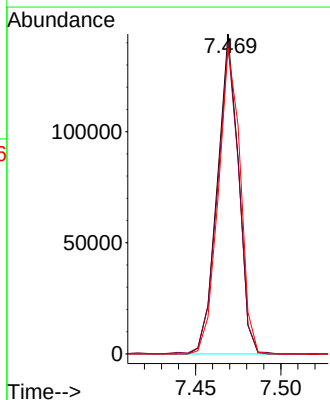
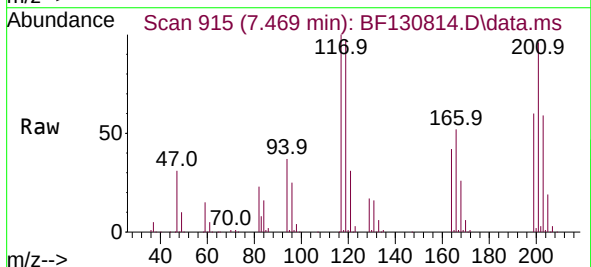
Manual Integrations
APPROVED

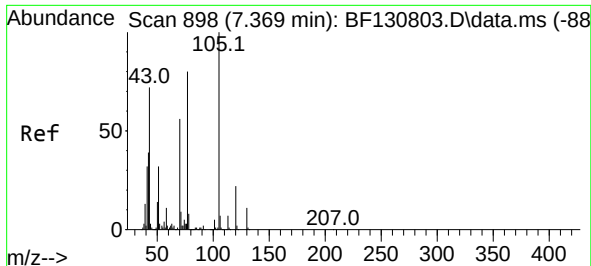
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#18
Hexachloroethane
Concen: 48.908 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

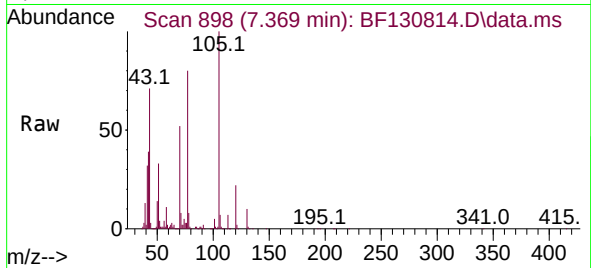
Tgt Ion:117 Resp: 123624
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7
201 95.5 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 48.276 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

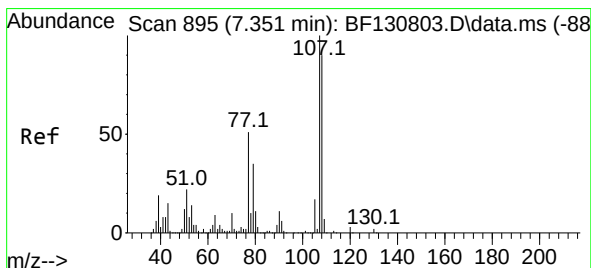
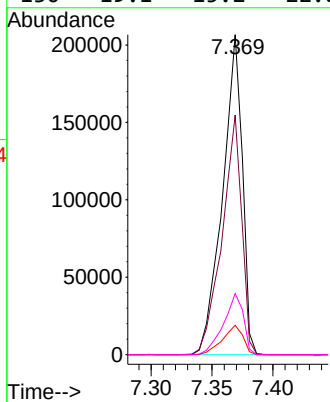
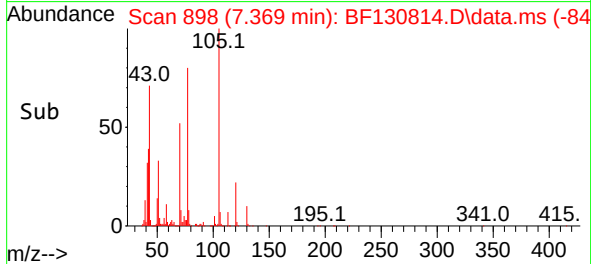
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion: 70 Resp: 232984
Ion Ratio Lower Upper
70 100
42 74.9 56.1 84.1
101 9.2 7.3 10.9
130 19.1 15.2 22.8

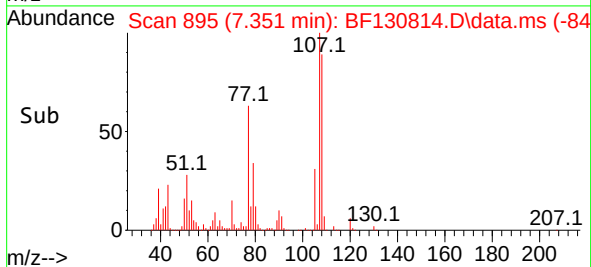
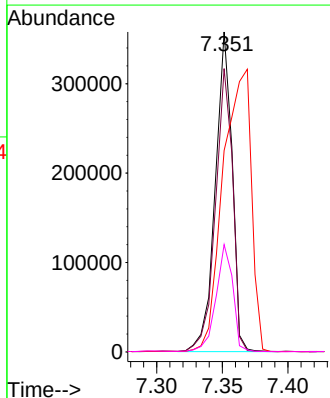
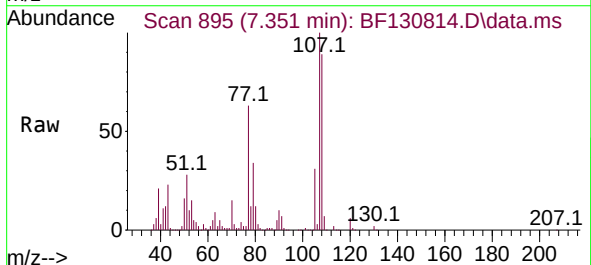
Manual Integrations
APPROVED

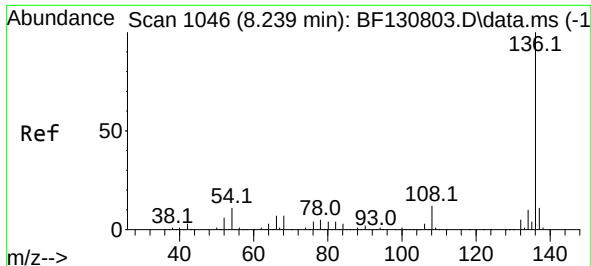
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#20
3+4-Methylphenols
Concen: 47.378 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion:107 Resp: 320143
Ion Ratio Lower Upper
107 100
108 88.5 70.4 110.4
77 62.9 31.1 71.1
79 33.5 14.5 54.5





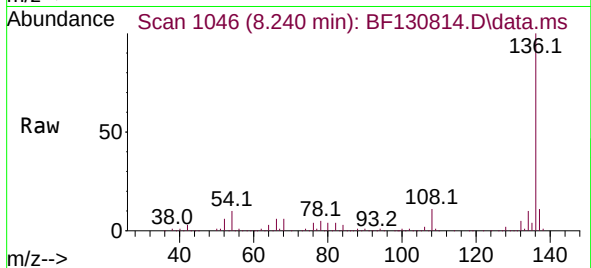
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. 0.001 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

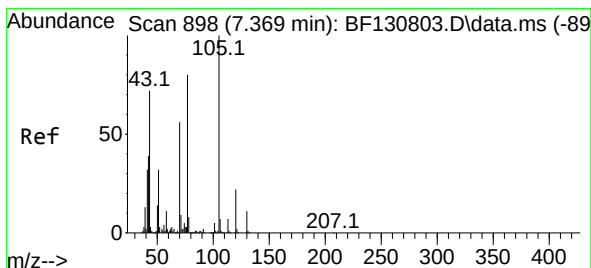
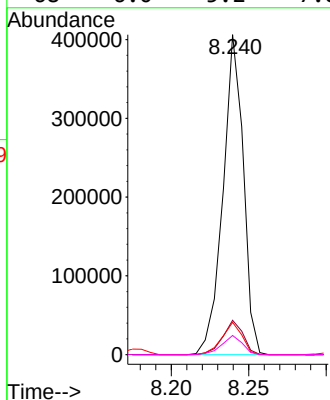
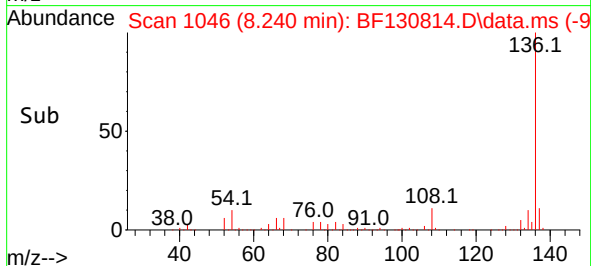


Tgt Ion:136 Resp: 372091
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 10.1 8.8 13.2
68 6.0 5.2 7.8

Manual Integrations

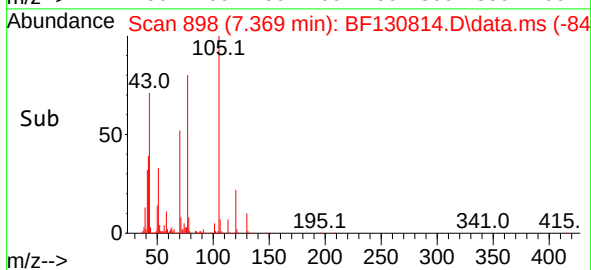
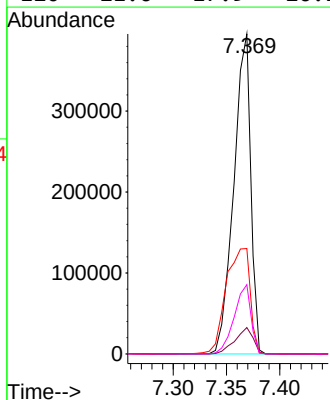
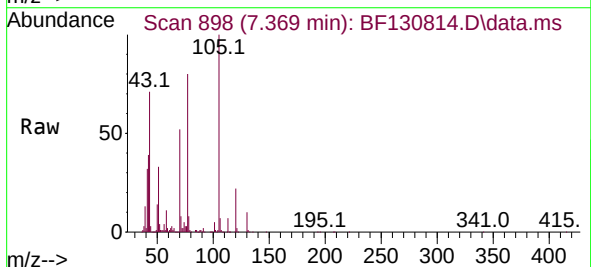
APPROVED

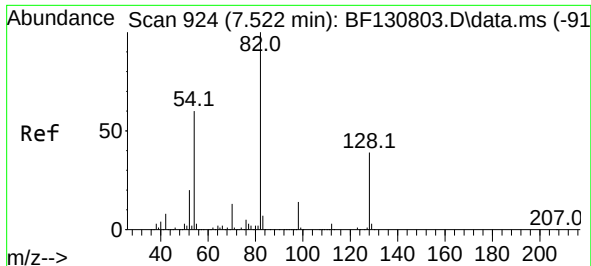
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#22
Acetophenone
Concen: 48.354 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion:105 Resp: 436227
Ion Ratio Lower Upper
105 100
71 8.2 7.2 10.8
51 32.9 25.9 38.9
120 21.6 17.9 26.9





#23

Nitrobenzene-d5

Concen: 105.817 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

Tgt Ion: 82 Resp: 65297

Ion Ratio Lower Upper

82 100

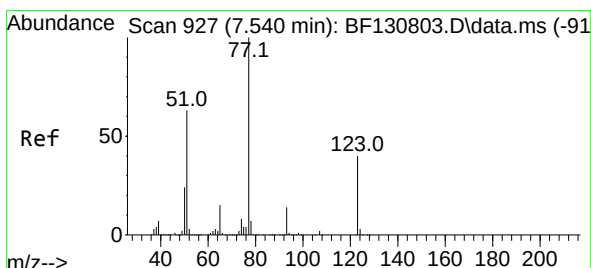
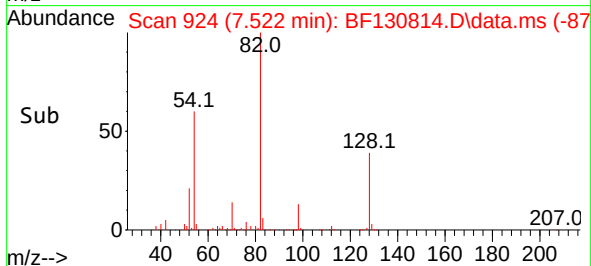
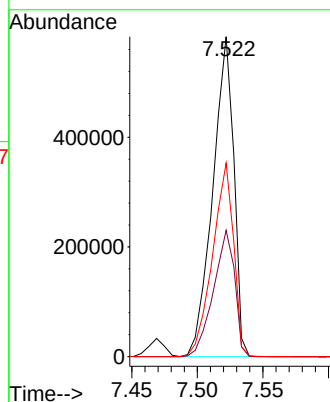
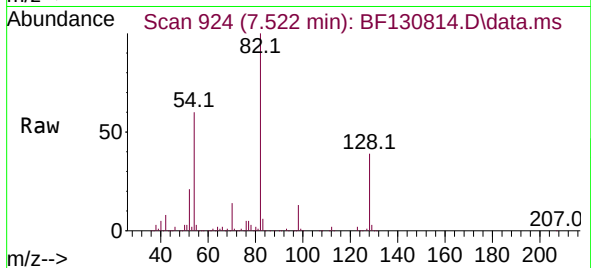
128 39.5 31.2 46.8

54 60.5 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#24

Nitrobenzene

Concen: 51.137 ng

RT: 7.540 min Scan# 927

Delta R.T. -0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

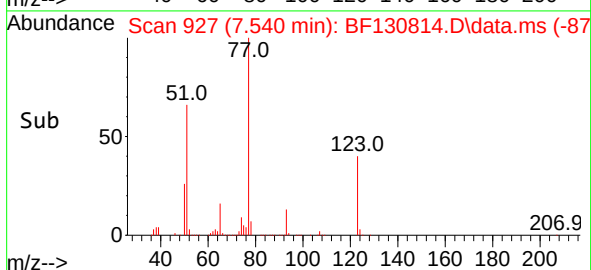
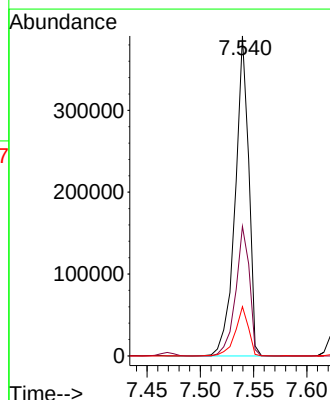
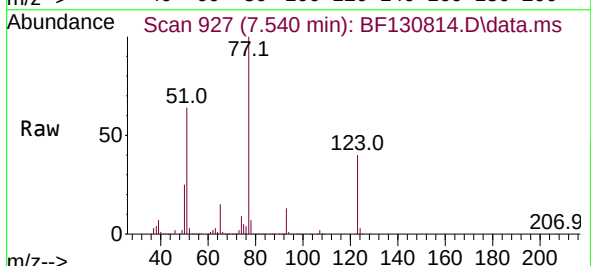
Tgt Ion: 77 Resp: 345051

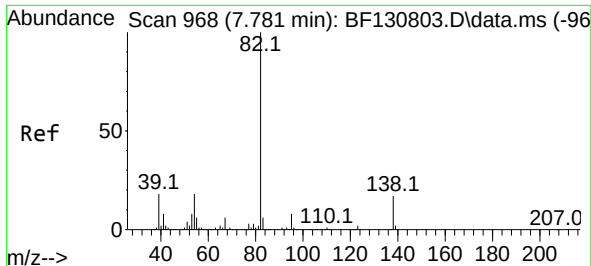
Ion Ratio Lower Upper

77 100

123 40.5 32.2 48.2

65 15.4 12.0 18.0





#25

Isophorone

Concen: 50.608 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

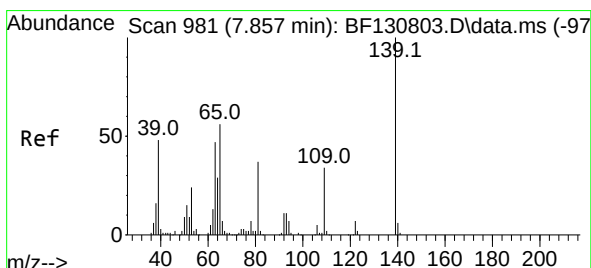
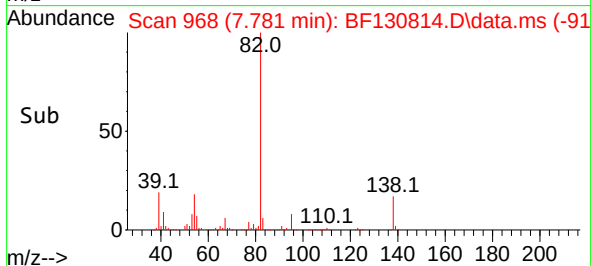
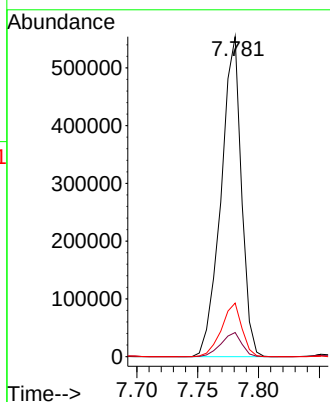
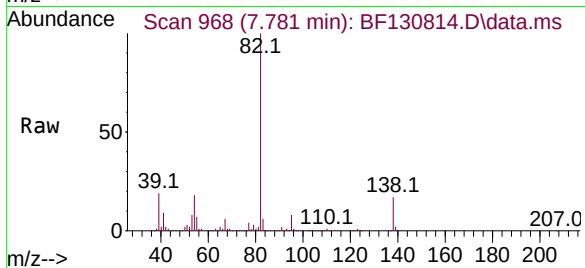
ClientSampleId :

PB148514BS

Tgt Ion: 82 Resp: 643986
 Ion Ratio Lower Upper
 82 100
 95 7.5 6.2 9.4
 138 16.7 13.8 20.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#26

2-Nitrophenol

Concen: 51.831 ng

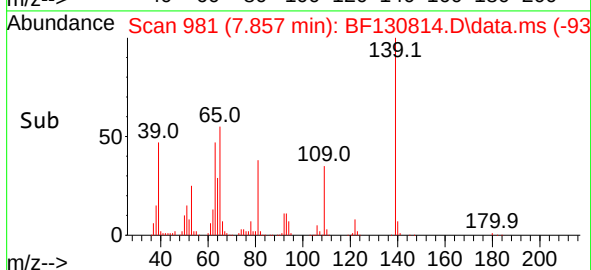
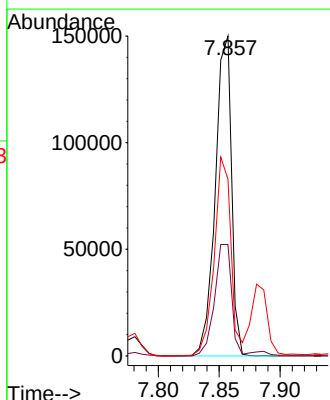
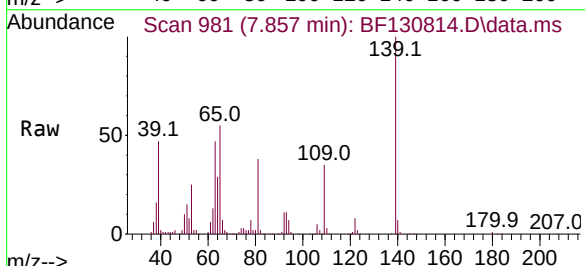
RT: 7.857 min Scan# 981

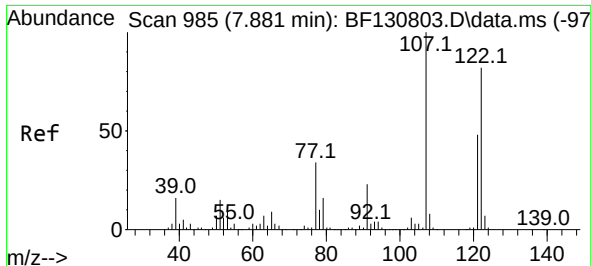
Delta R.T. 0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Tgt Ion:139 Resp: 138838
 Ion Ratio Lower Upper
 139 100
 109 34.8 27.3 40.9
 65 55.2 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 54.851 ng

RT: 7.887 min Scan# 985

Delta R.T. 0.006 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

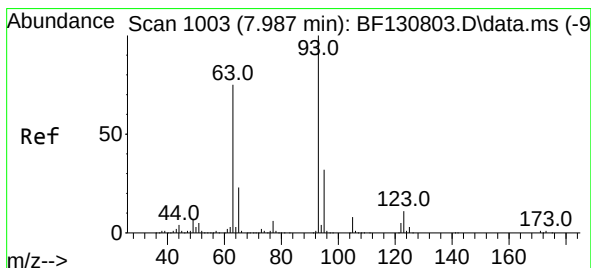
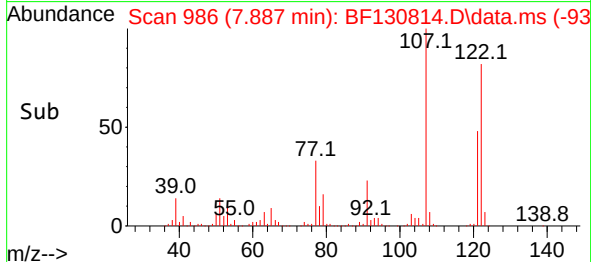
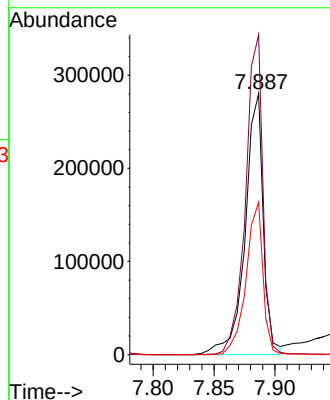
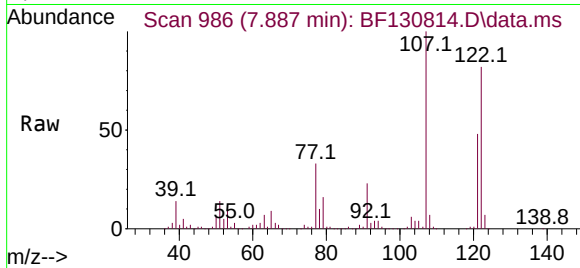
PB148514BS

Tgt Ion:122 Resp: 290483
 Ion Ratio Lower Upper
 122 100
 107 122.7 97.1 145.7
 121 58.4 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.432 ng

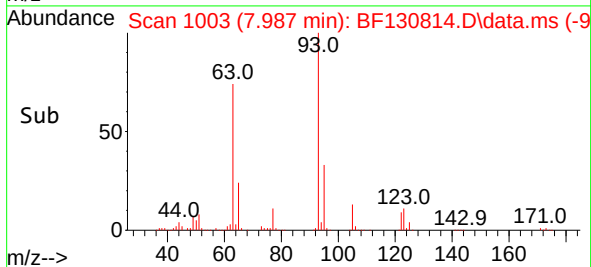
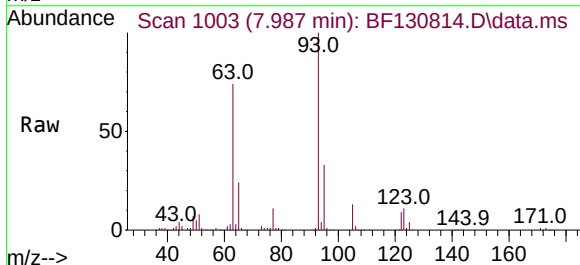
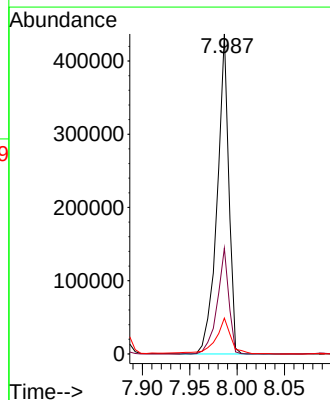
RT: 7.987 min Scan# 1003

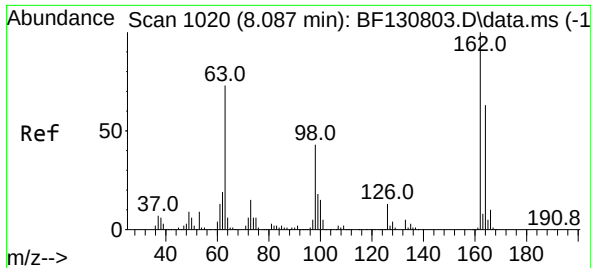
Delta R.T. 0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Tgt Ion: 93 Resp: 372620
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.7 38.5
 123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.515 ng

RT: 8.092 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

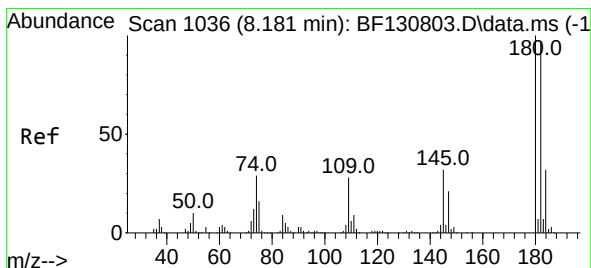
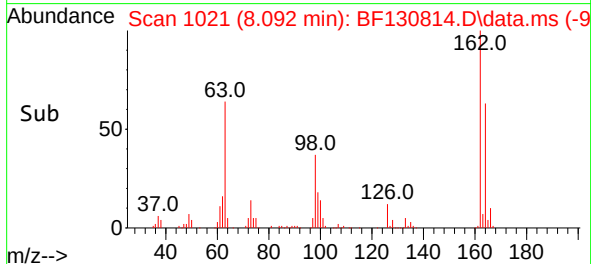
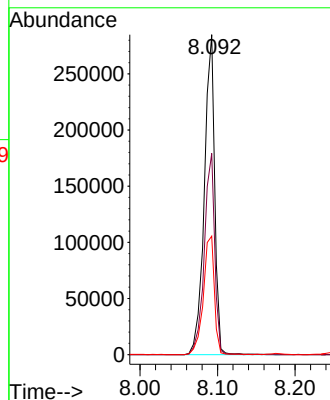
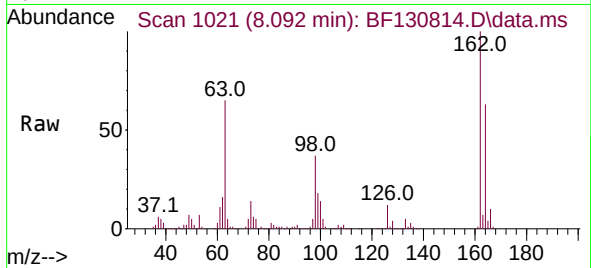
PB148514BS

Tgt Ion:162 Resp: 264305
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.2 83.2
 98 37.0 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.152 ng

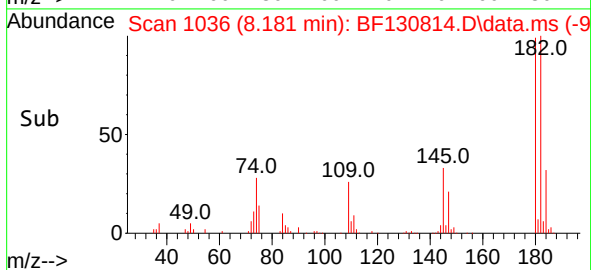
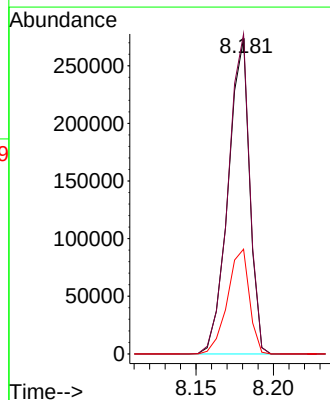
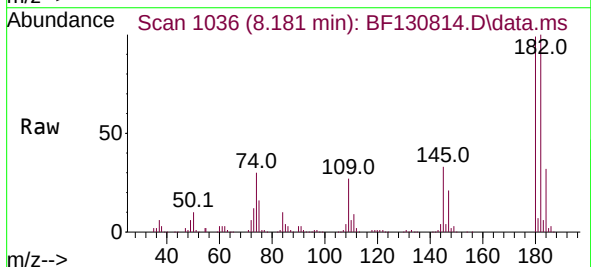
RT: 8.181 min Scan# 1036

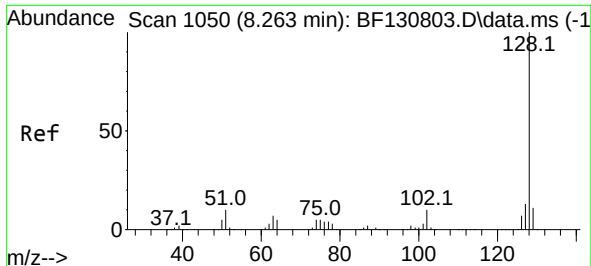
Delta R.T. 0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

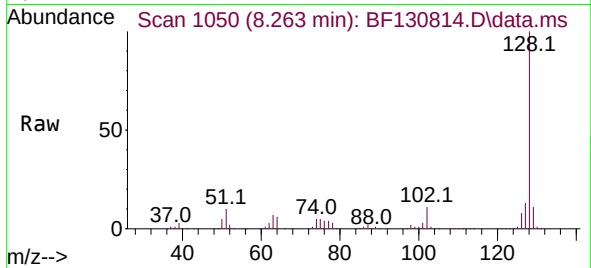
Tgt Ion:180 Resp: 264512
 Ion Ratio Lower Upper
 180 100
 182 101.4 77.7 116.5
 145 33.2 25.9 38.9





#31
Naphthalene
Concen: 45.488 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

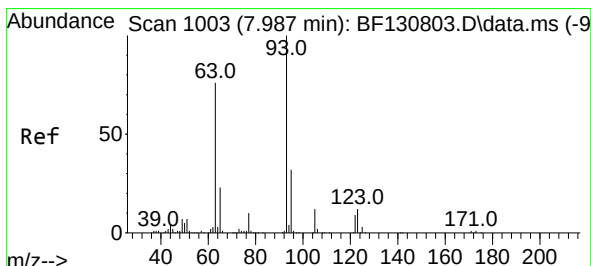
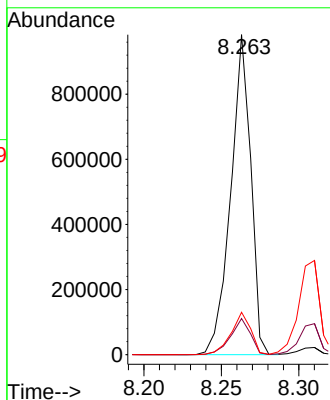
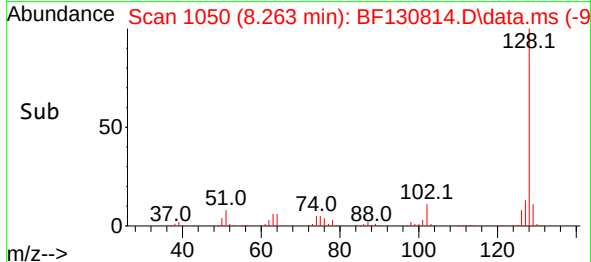
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:128 Resp: 883072
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.2 10.6 16.0

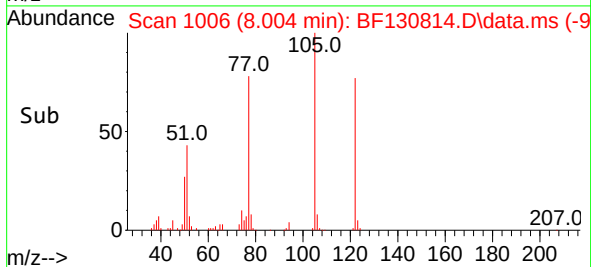
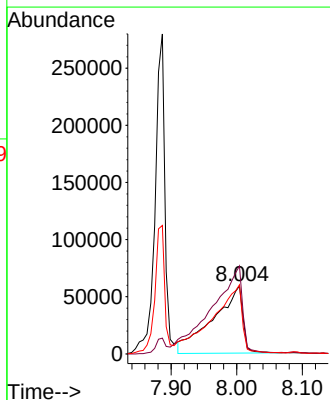
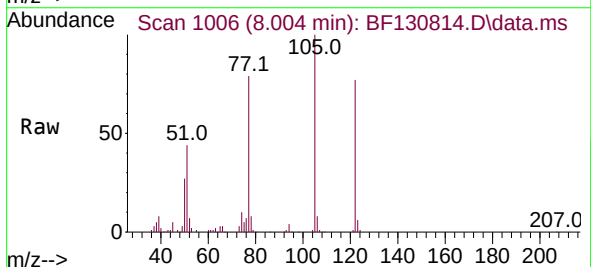
Manual Integrations
APPROVED

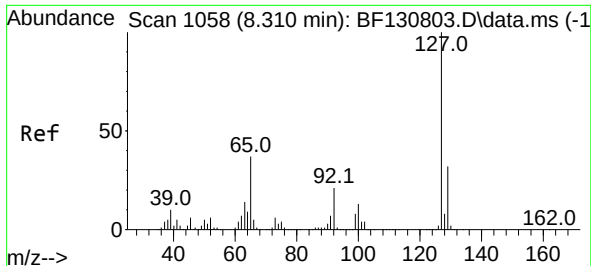
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#32
Benzoic acid
Concen: 49.082 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.017 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion:122 Resp: 185511
Ion Ratio Lower Upper
122 100
105 129.4 114.5 154.5
77 101.6 89.8 129.8





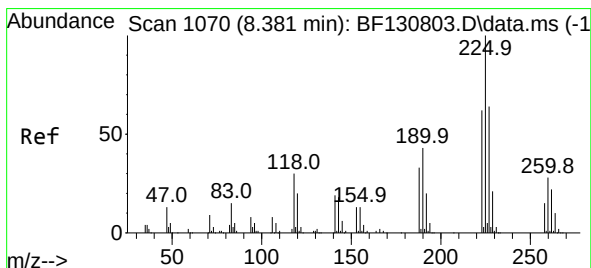
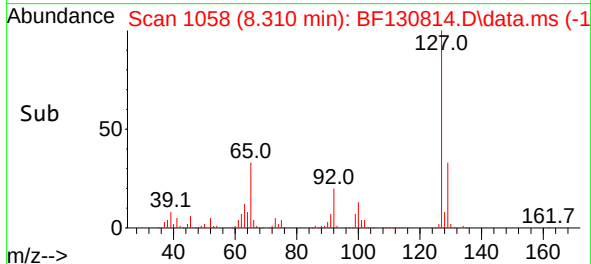
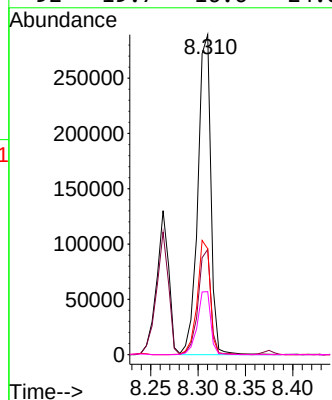
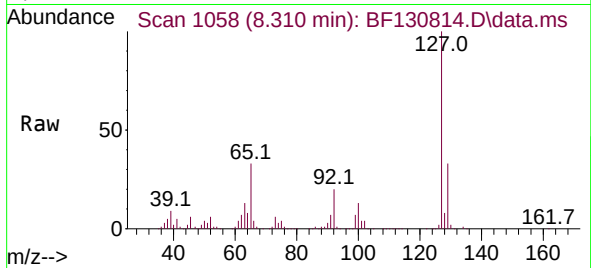
#33
4-Chloroaniline
Concen: 35.857 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion:	127	Resp:	27506
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.6	38.4
65	33.1	29.4	44.2
92	19.7	16.6	24.8

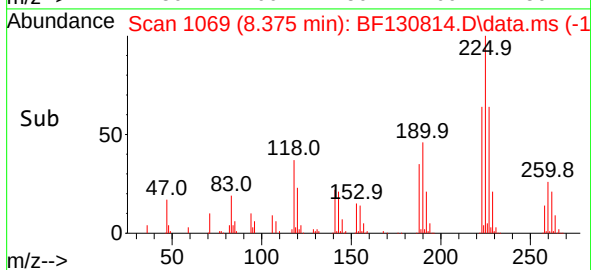
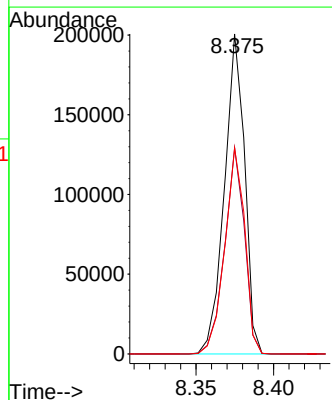
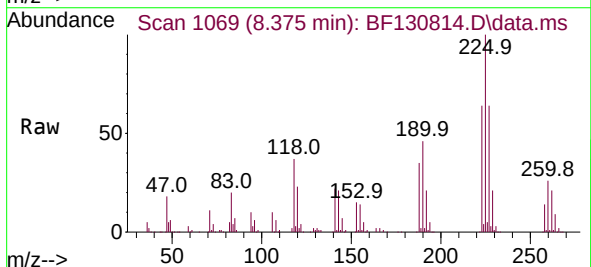
Manual Integrations
APPROVED

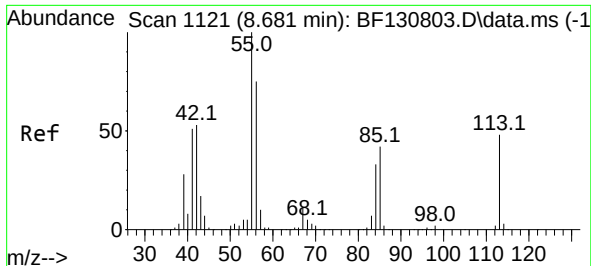
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#34
Hexachlorobutadiene
Concen: 46.744 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

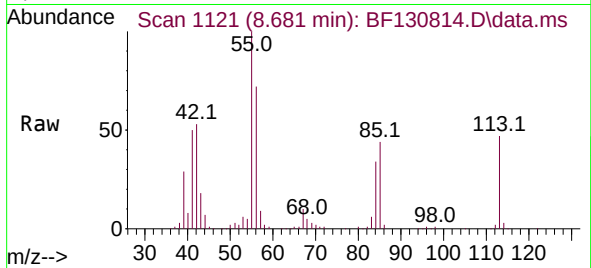
Tgt Ion:	225	Resp:	181780
Ion Ratio	Lower	Upper	
225	100		
223	64.4	49.9	74.9
227	64.3	51.5	77.3





#35
Caprolactam
Concen: 50.692 ng m
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

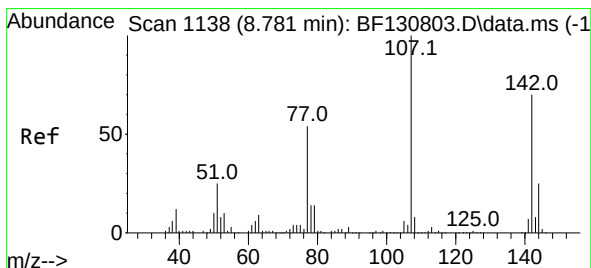
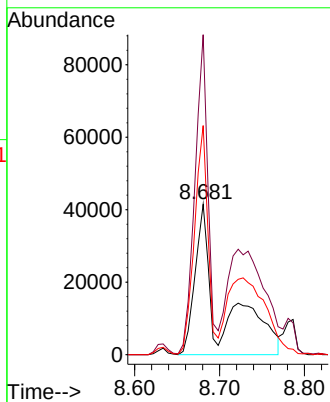
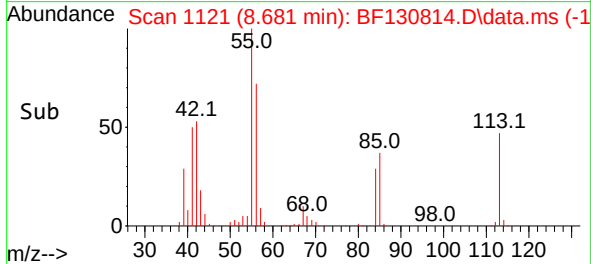
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:113 Resp: 88499
Ion Ratio Lower Upper
113 100
55 212.9 187.0 227.0
56 152.4 134.2 174.2

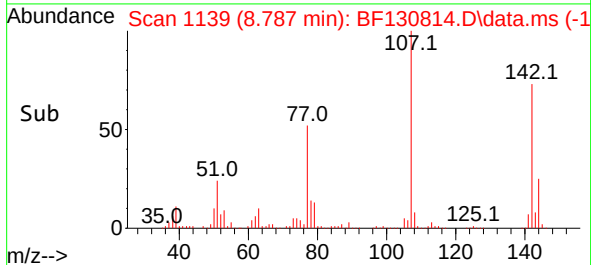
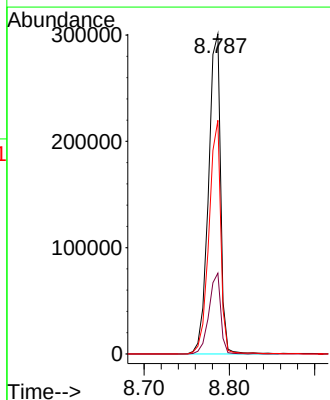
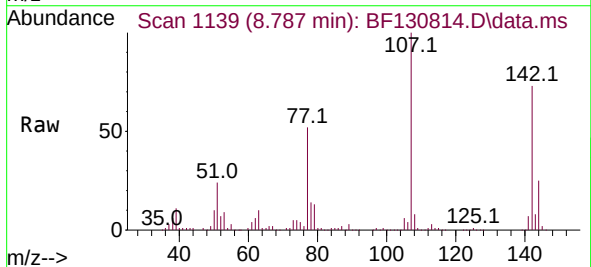
Manual Integrations
APPROVED

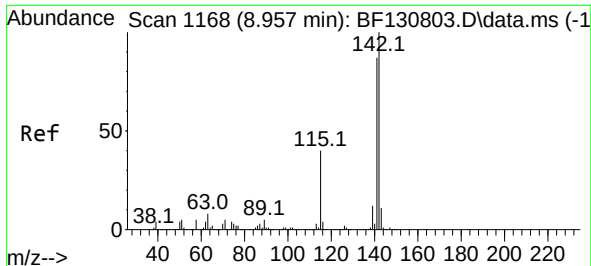
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#36
4-Chloro-3-methylphenol
Concen: 50.325 ng
RT: 8.787 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion:107 Resp: 297391
Ion Ratio Lower Upper
107 100
144 25.2 19.8 29.8
142 73.0 56.0 84.0





#37

2-Methylnaphthalene

Concen: 46.653 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

Tgt Ion:142 Resp: 569697

Ion Ratio Lower Upper

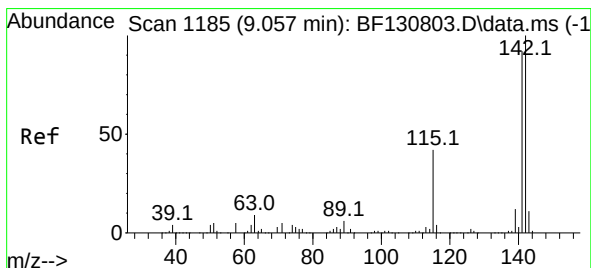
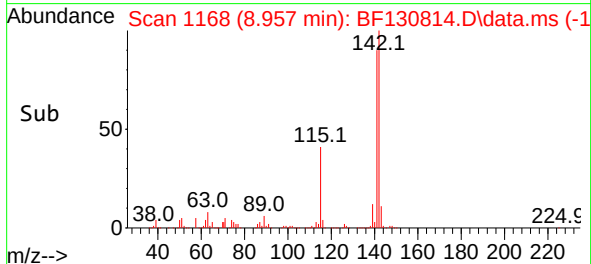
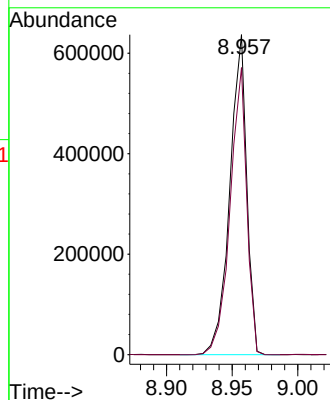
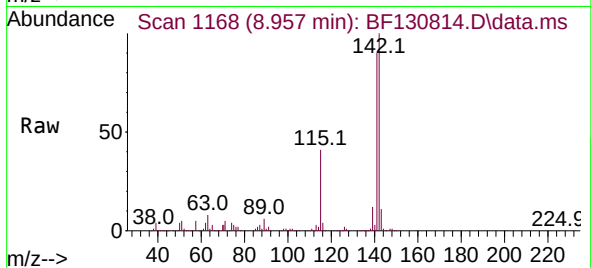
142 100

141 89.7 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#38

1-Methylnaphthalene

Concen: 45.467 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF130814.D

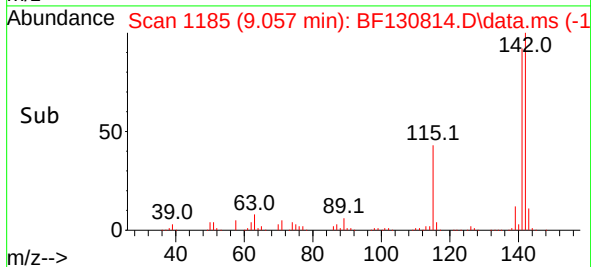
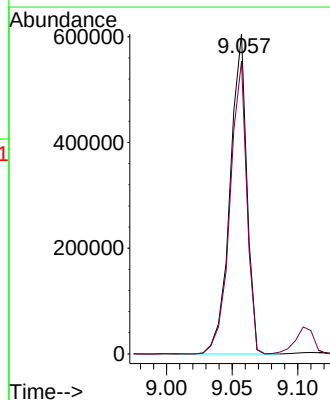
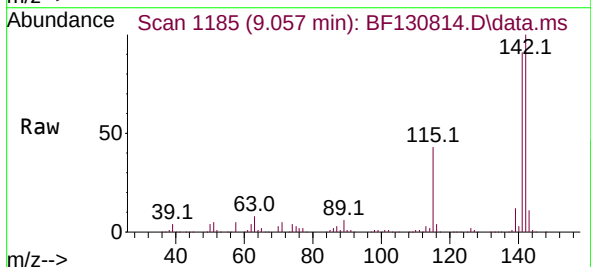
Acq: 27 Oct 2022 23:56

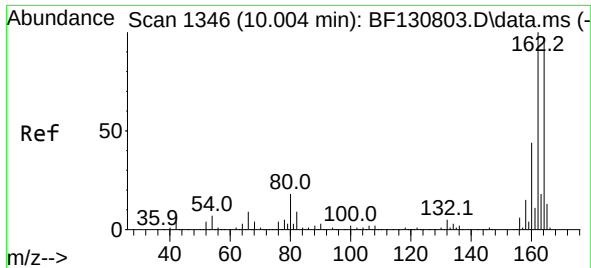
Tgt Ion:142 Resp: 540321

Ion Ratio Lower Upper

142 100

141 91.4 73.5 110.3





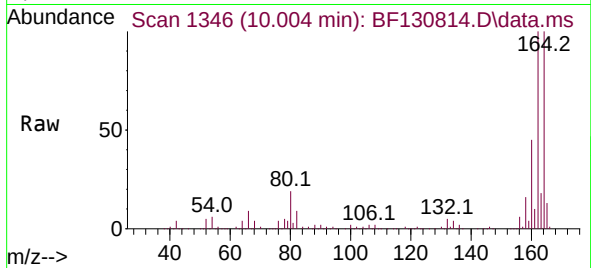
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

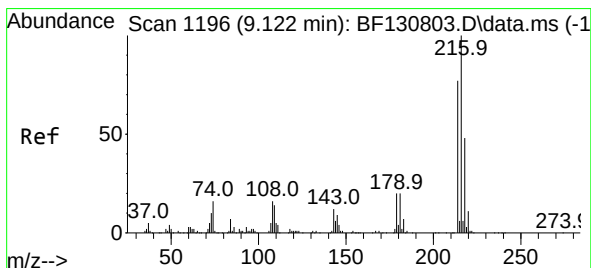
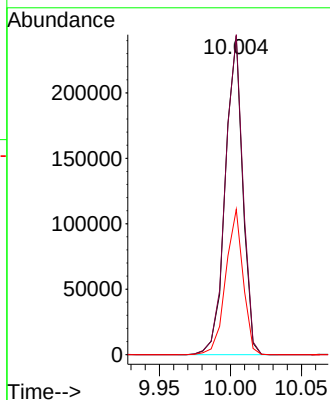
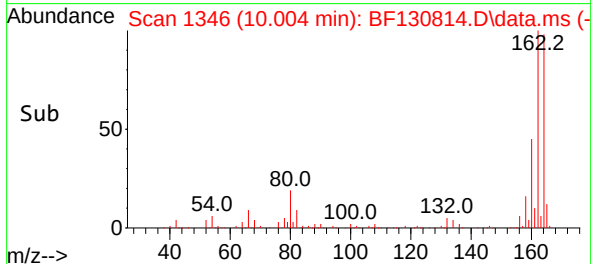


Tgt Ion:164 Resp: 206932
Ion Ratio Lower Upper
164 100
162 100.5 82.2 123.2
160 45.6 36.6 54.8

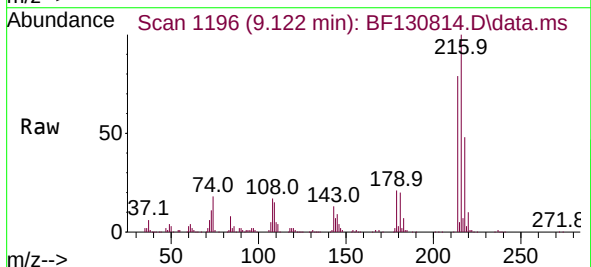
Manual Integrations

APPROVED

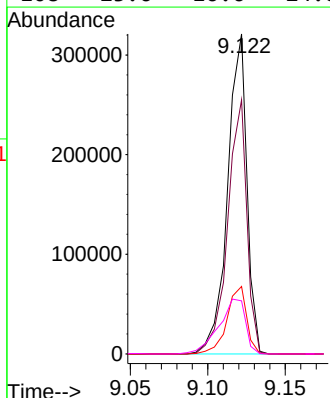
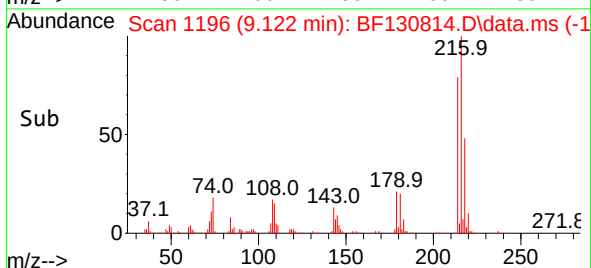
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

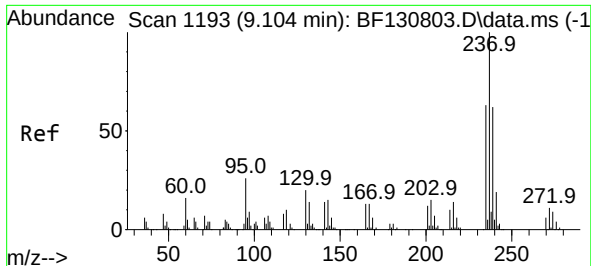


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.618 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



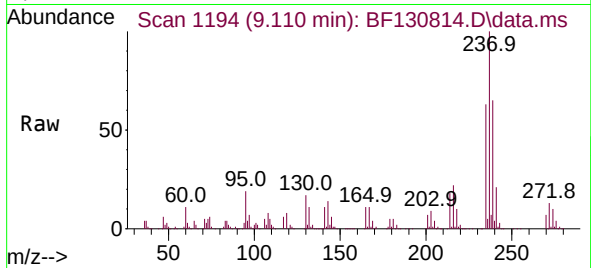
Tgt Ion:216 Resp: 279430
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 21.5 16.9 25.3
108 23.6 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 126.215 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

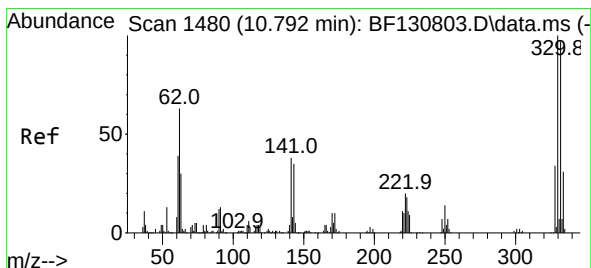
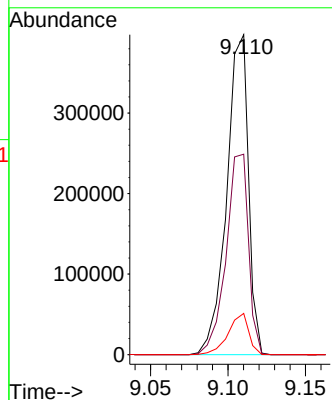
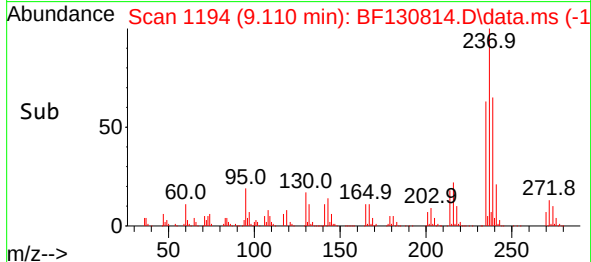
Instrument :
BNA_F
ClientSampleId :
PB148514BS



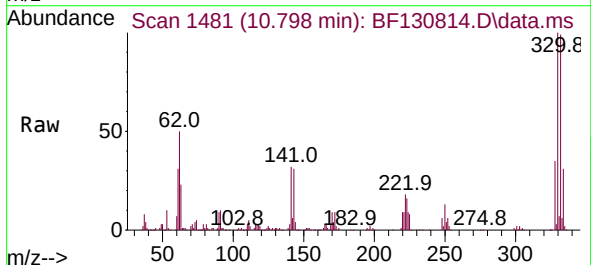
Tgt Ion:237 Resp: 389163
Ion Ratio Lower Upper
237 100
235 62.6 43.5 83.5
272 12.9 0.0 31.4

Manual Integrations
APPROVED

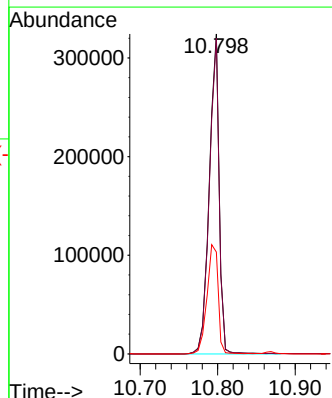
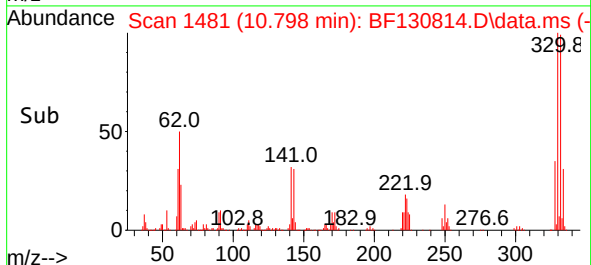
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

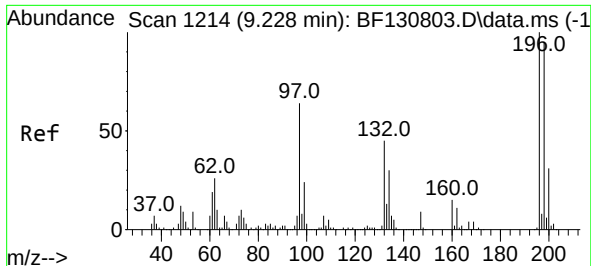


#42
2,4,6-Tribromophenol
Concen: 164.362 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:330 Resp: 286311
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 38.7 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 47.664 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF130814.D

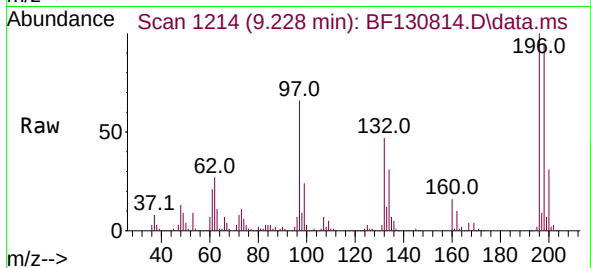
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS



Tgt Ion:196 Resp: 194356

Ion Ratio Lower Upper

196 100

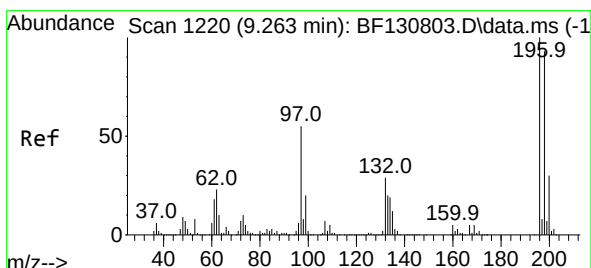
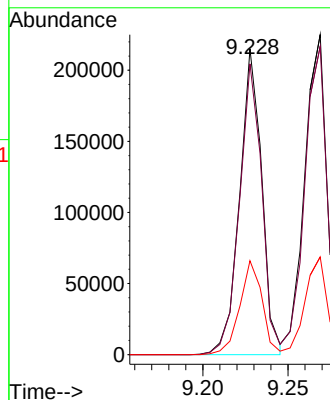
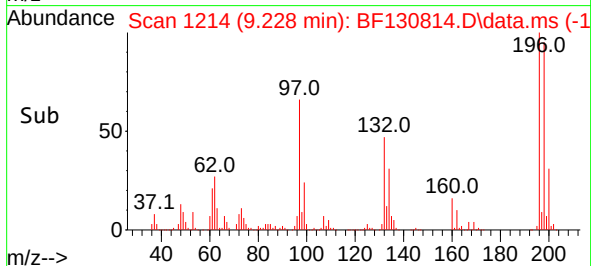
198 95.1 76.1 114.1

200 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#44

2,4,5-Trichlorophenol

Concen: 49.005 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF130814.D

Acq: 27 Oct 2022 23:56

Tgt Ion:196 Resp: 213490

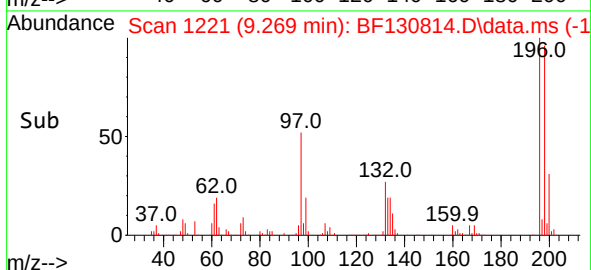
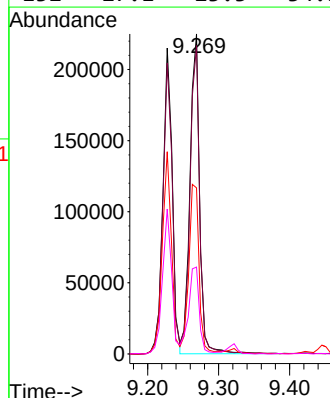
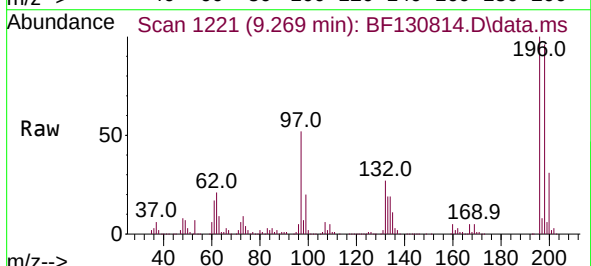
Ion Ratio Lower Upper

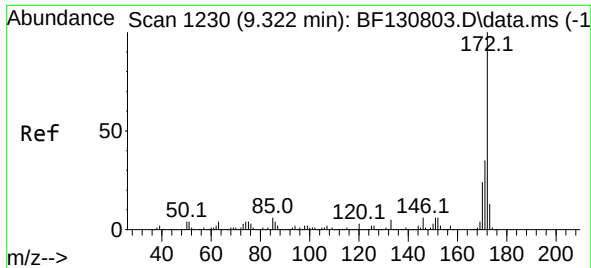
196 100

198 96.3 74.6 112.0

97 51.9 44.7 67.1

132 27.1 23.3 34.9





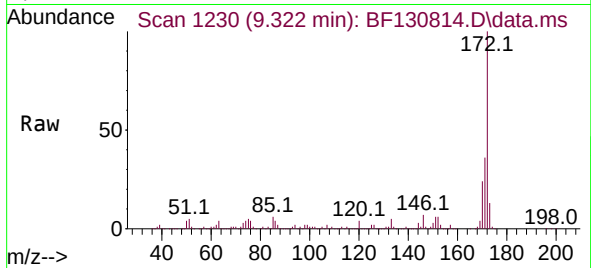
#45
2-Fluorobiphenyl
Concen: 89.574 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

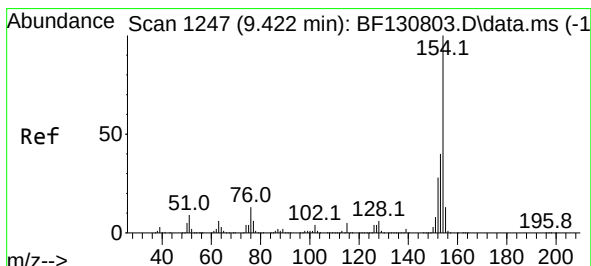
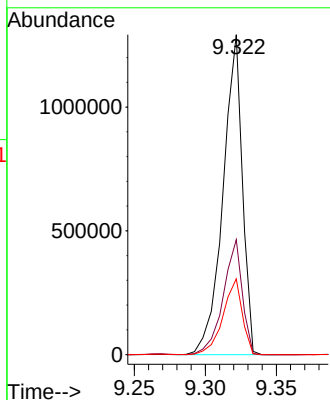
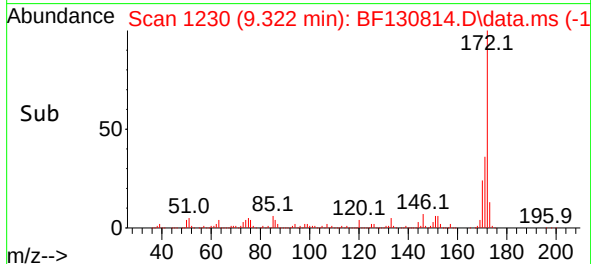


Tgt Ion:172 Resp: 1226005
Ion Ratio Lower Upper
172 100
171 35.9 28.1 42.1
170 23.7 19.0 28.4

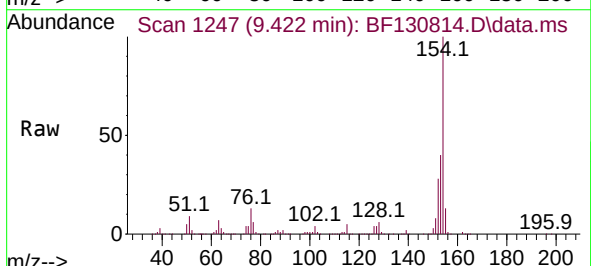
Manual Integrations

APPROVED

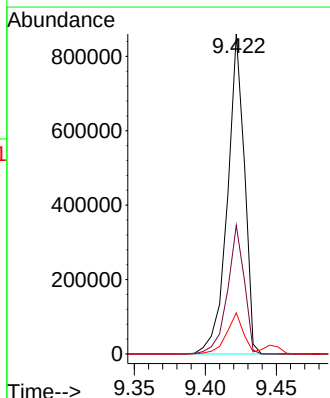
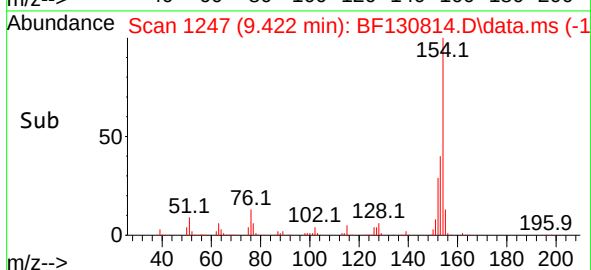
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

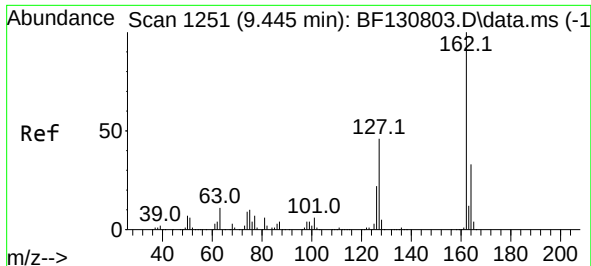


#46
1,1'-Biphenyl
Concen: 48.415 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



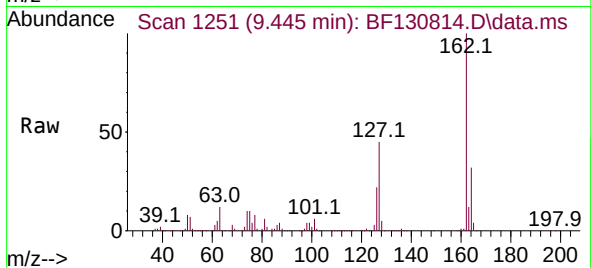
Tgt Ion:154 Resp: 713784
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 12.8 0.0 32.5





#47
2-Chloronaphthalene
Concen: 46.838 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

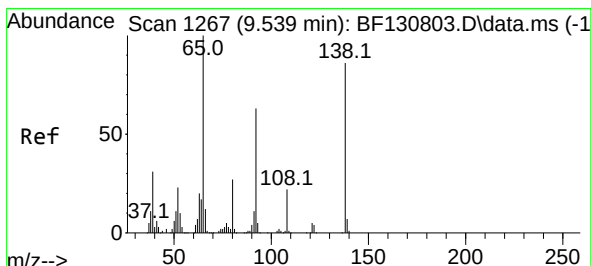
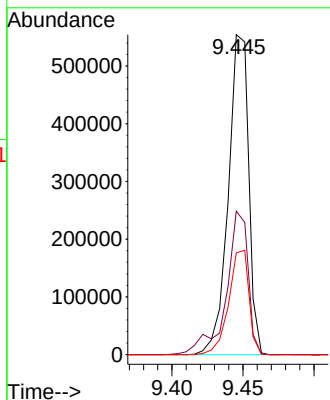
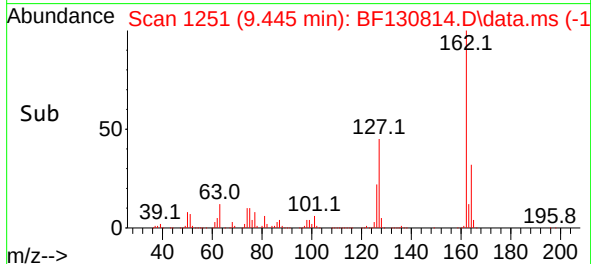
Instrument :
BNA_F
ClientSampleId :
PB148514BS



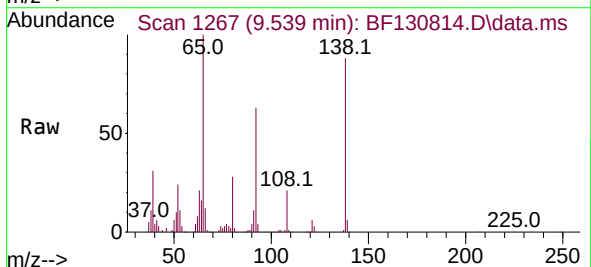
Tgt Ion: 162 Resp: 553703
Ion Ratio Lower Upper
162 100
127 44.8 36.6 54.8
164 31.8 26.5 39.7

Manual Integrations
APPROVED

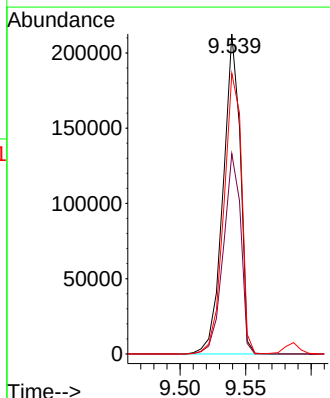
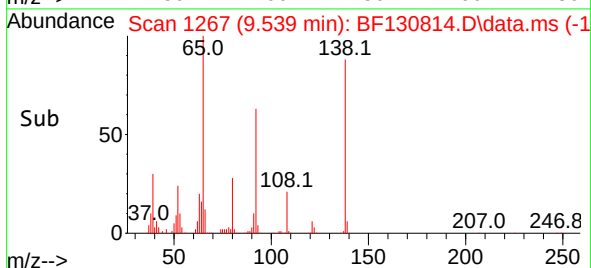
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

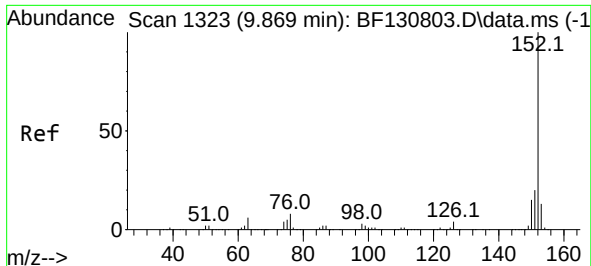


#48
2-Nitroaniline
Concen: 50.701 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion: 65 Resp: 193701
Ion Ratio Lower Upper
65 100
92 62.6 50.1 75.1
138 87.7 69.2 103.8





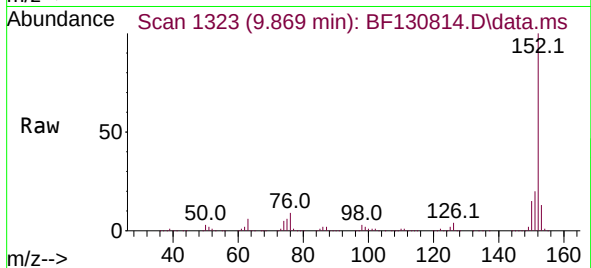
#49
Acenaphthylene
Concen: 47.446 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

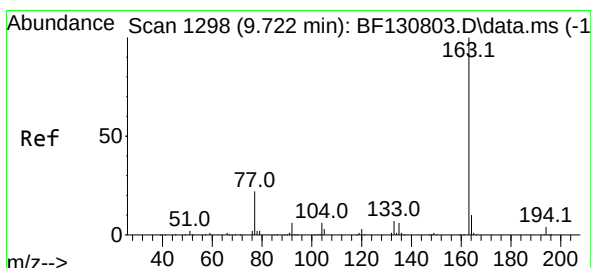
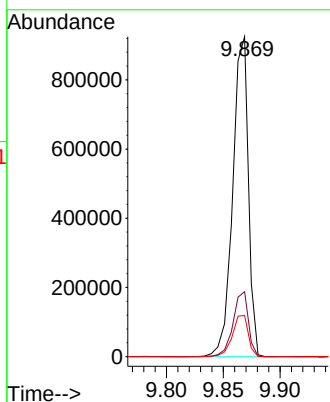
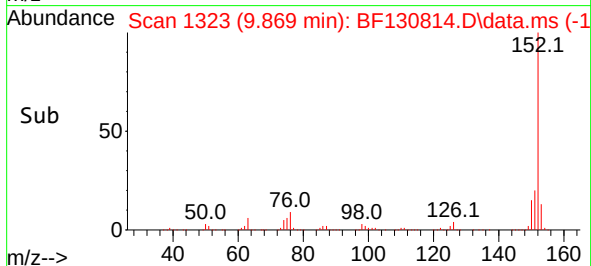


Tgt Ion:152 Resp: 886364
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 12.9 10.2 15.4

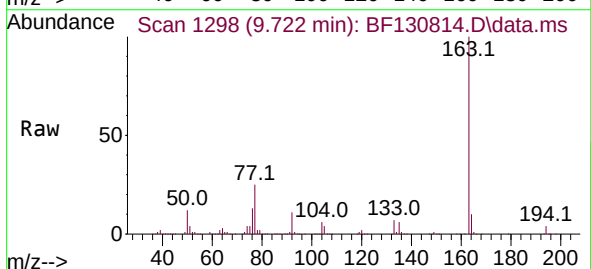
Manual Integrations

APPROVED

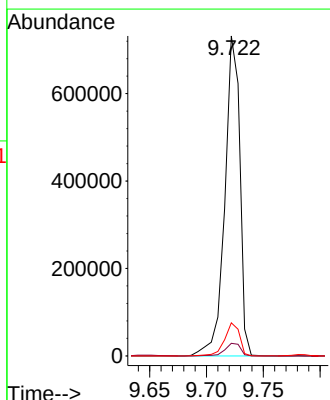
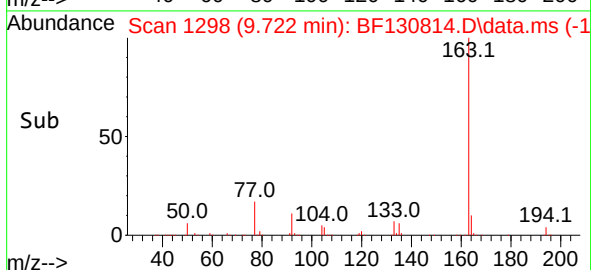
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

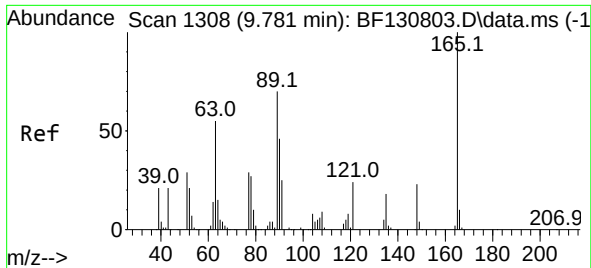


#50
Dimethylphthalate
Concen: 47.328 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:163 Resp: 672691
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 52.295 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

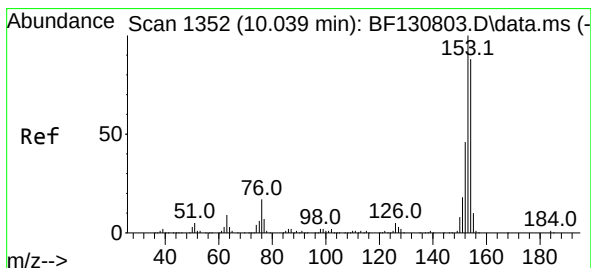
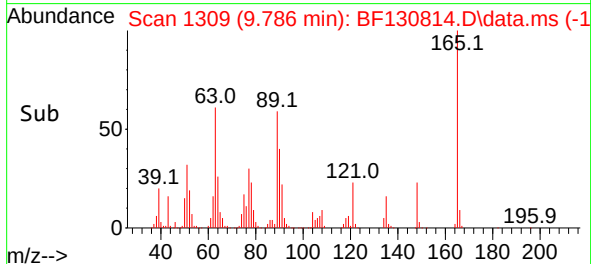
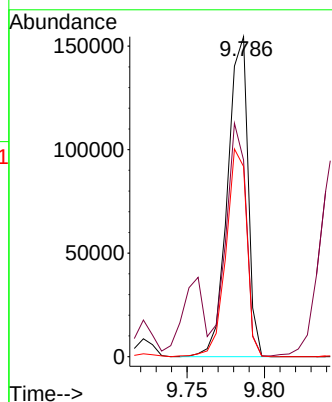
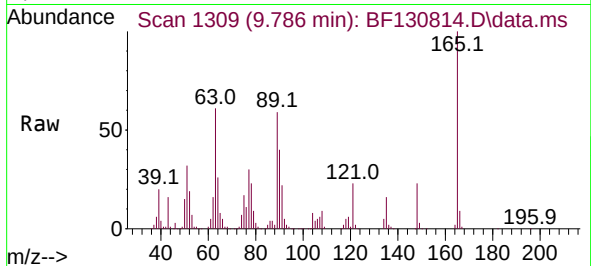
ClientSampleId :

PB148514BS

Tgt Ion:165 Resp: 142011
Ion Ratio Lower Upper
165 100
63 61.4 61.8 92.8
89 59.4 56.2 84.4

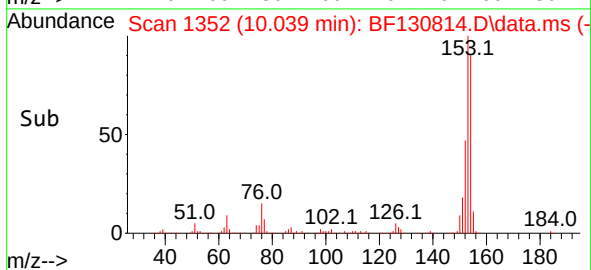
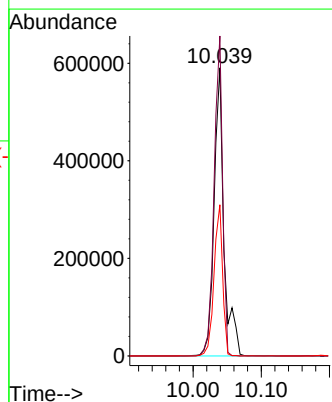
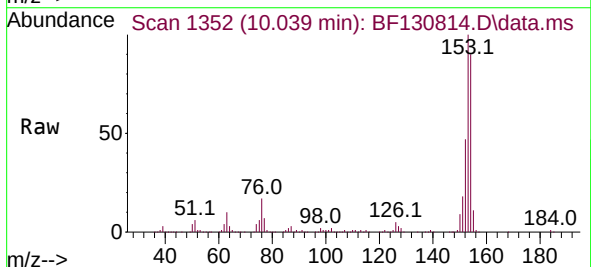
Manual Integrations
APPROVED

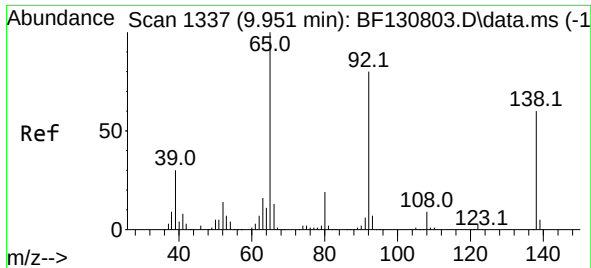
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#52
Acenaphthene
Concen: 51.468 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion:154 Resp: 594541
Ion Ratio Lower Upper
154 100
153 111.1 90.5 135.7
152 52.4 42.0 63.0





#53
3-Nitroaniline
Concen: 43.288 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

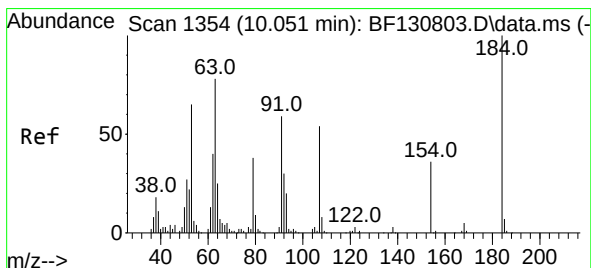
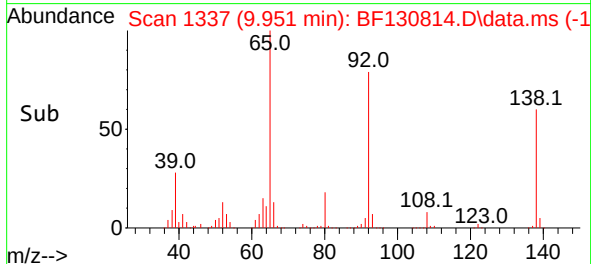
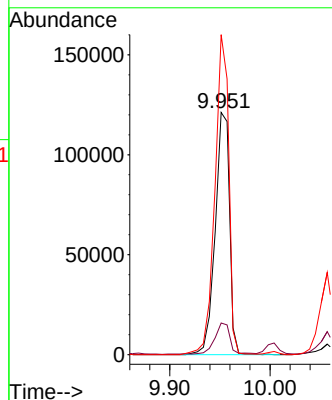
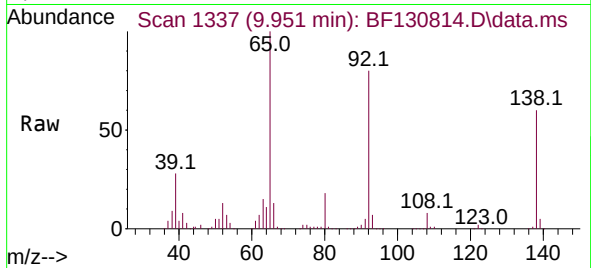
ClientSampleId :

PB148514BS

Tgt Ion:138 Resp: 119840
Ion Ratio Lower Upper
138 100
108 13.0 12.7 19.1
92 132.1 107.8 161.8

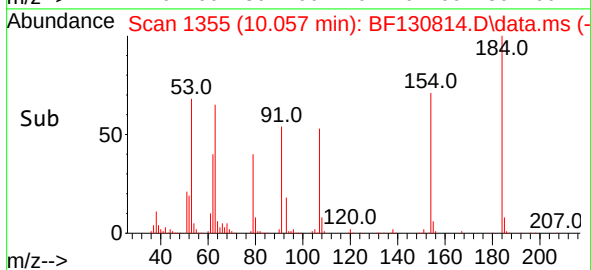
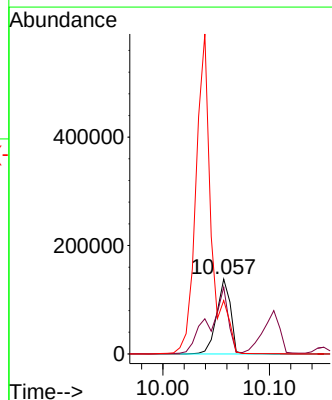
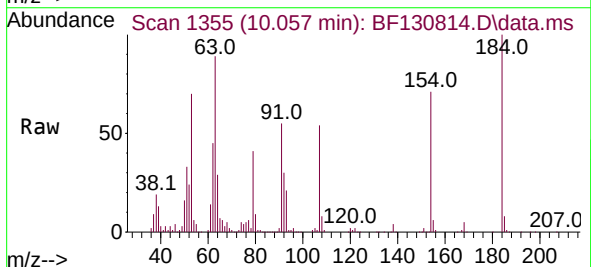
Manual Integrations
APPROVED

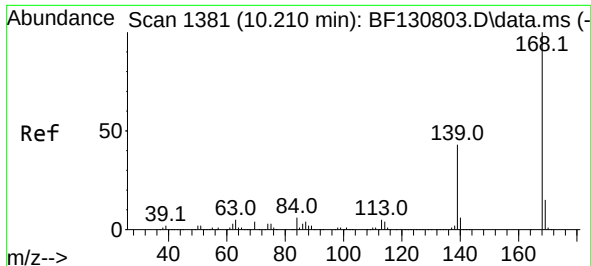
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#54
2,4-Dinitrophenol
Concen: 90.629 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

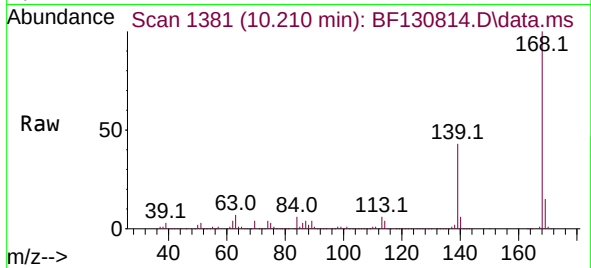
Tgt Ion:184 Resp: 124710
Ion Ratio Lower Upper
184 100
63 89.4 66.7 100.1
154 71.4 62.2 93.2





#55
Dibenzofuran
Concen: 47.318 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

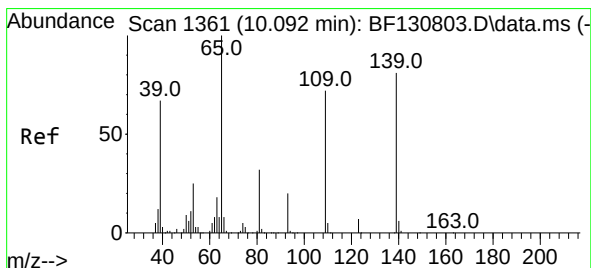
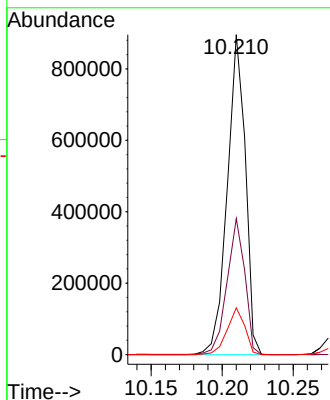
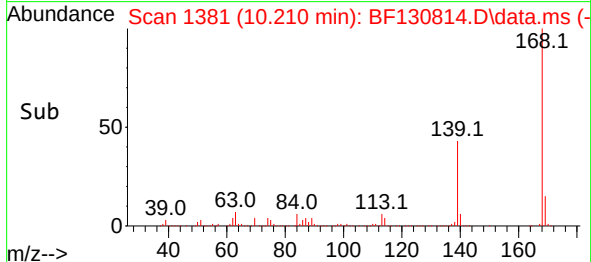
Instrument :
BNA_F
ClientSampleId :
PB148514BS



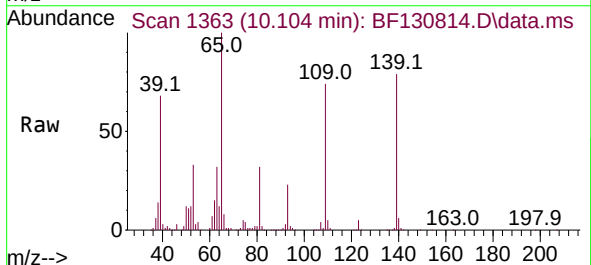
Tgt Ion:168 Resp: 792286
Ion Ratio Lower Upper
168 100
139 42.5 34.3 51.5
169 14.6 11.9 17.9

Manual Integrations
APPROVED

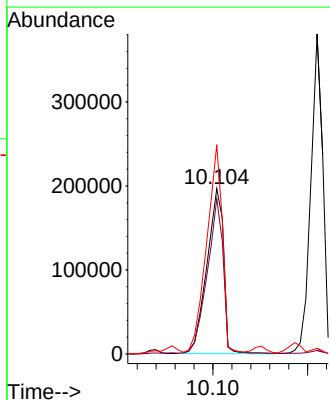
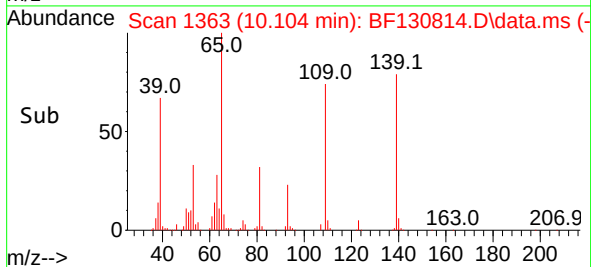
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

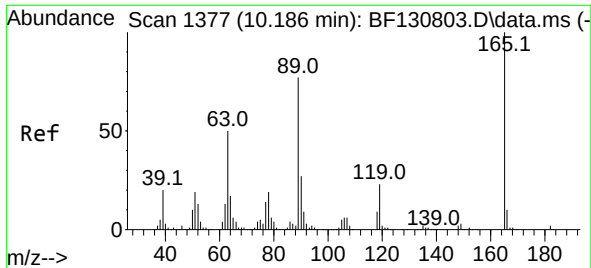


#56
4-Nitrophenol
Concen: 109.943 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:139 Resp: 240999
Ion Ratio Lower Upper
139 100
109 93.9 69.3 109.3
65 126.6 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 53.839 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

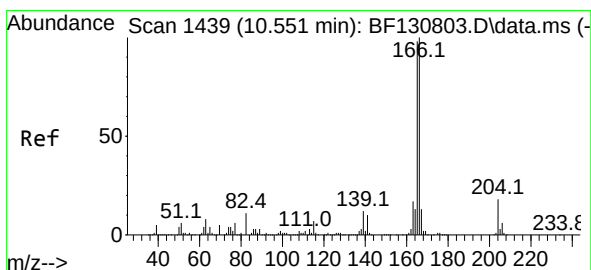
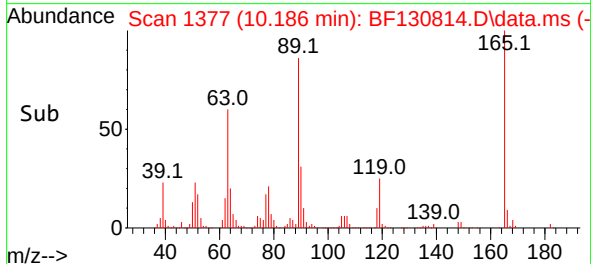
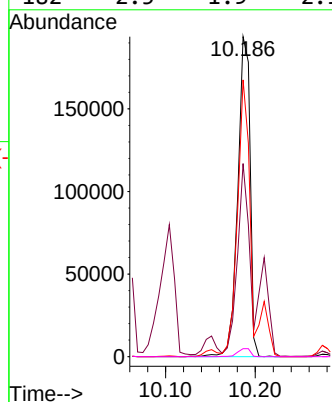
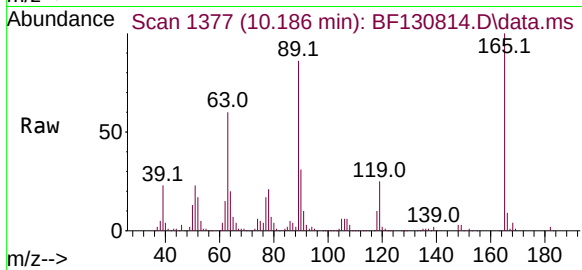
PB148514BS

Tgt Ion:165 Resp: 184427
Ion Ratio Lower Upper
165 100
63 60.3 39.8 59.6
89 86.5 61.9 92.9
182 2.5 1.9 2.9

Manual Integrations

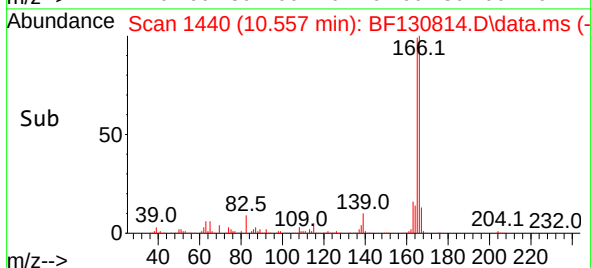
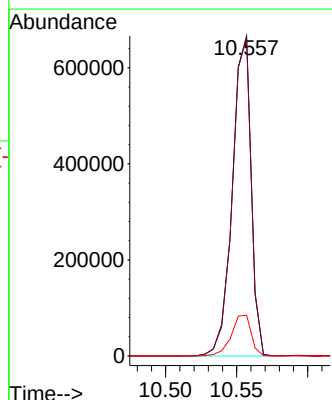
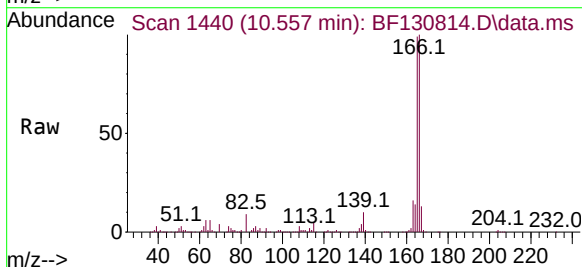
APPROVED

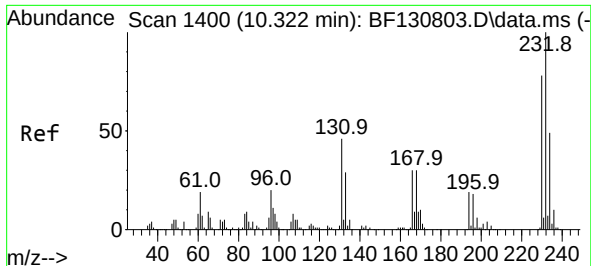
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#58
Fluorene
Concen: 46.230 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

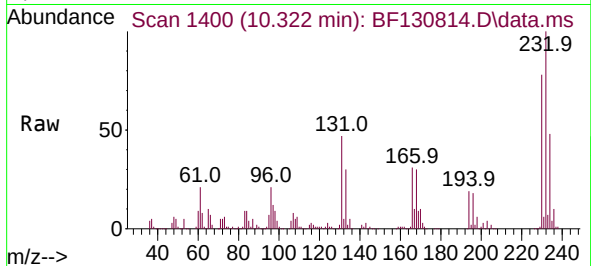
Tgt Ion:166 Resp: 609518
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 12.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.454 ng
RT: 10.322 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

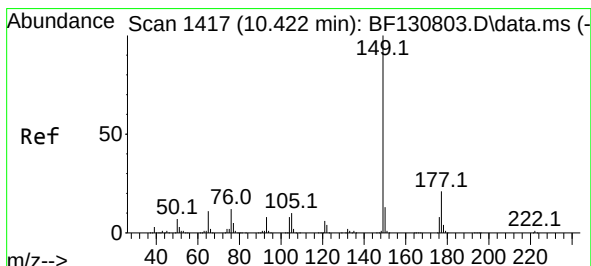
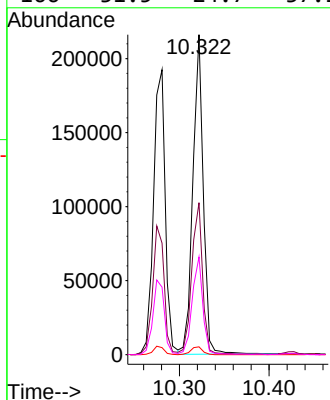
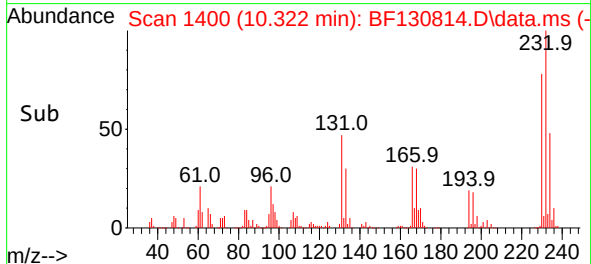
Instrument :
BNA_F
ClientSampleId :
PB148514BS



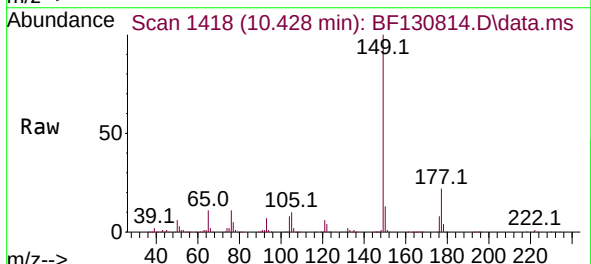
Tgt Ion:232 Resp: 174034
Ion Ratio Lower Upper
232 100
131 48.8 39.6 59.4
130 2.8 2.1 3.1
166 31.5 24.7 37.1

Manual Integrations
APPROVED

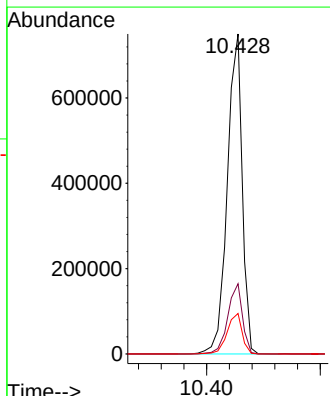
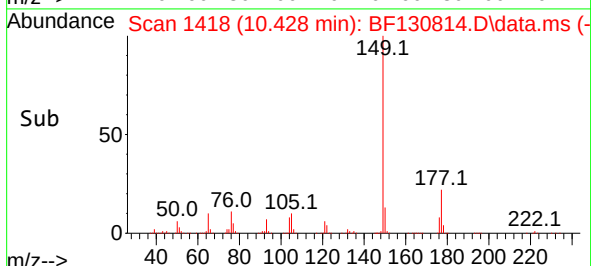
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

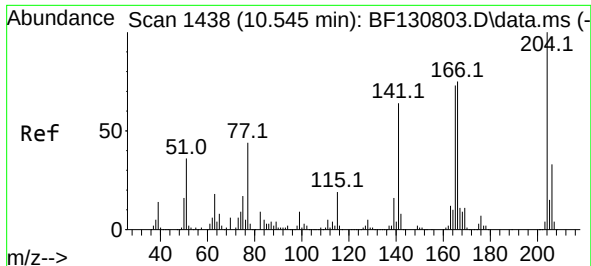


#60
Diethylphthalate
Concen: 48.919 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



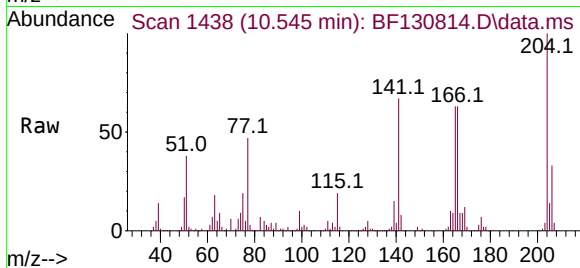
Tgt Ion:149 Resp: 683812
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.6 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 48.194 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

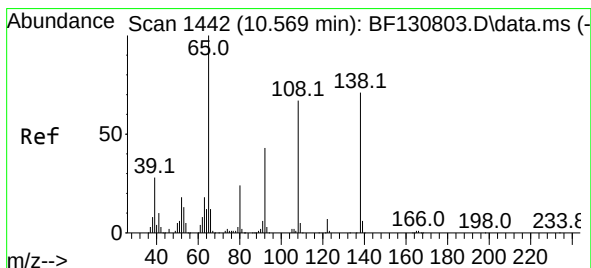
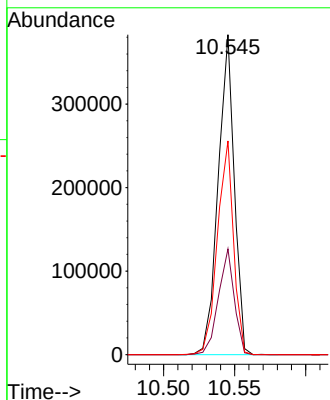
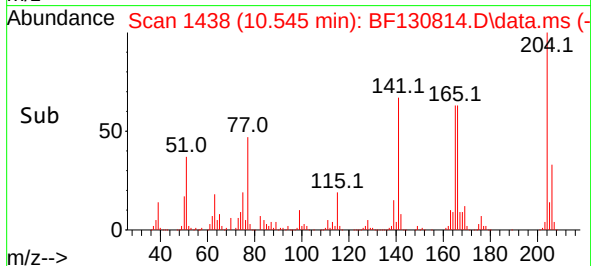
Instrument :
BNA_F
ClientSampleId :
PB148514BS



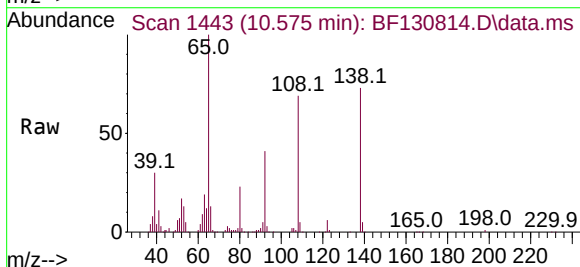
Tgt Ion:204 Resp: 303974
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 66.8 51.3 76.9

Manual Integrations
APPROVED

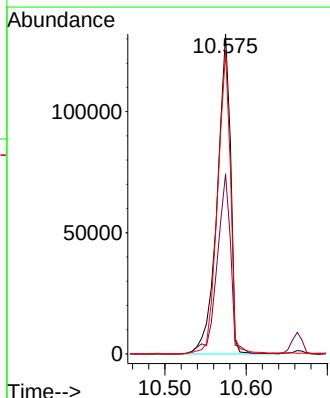
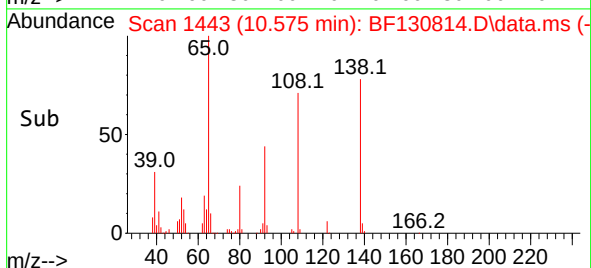
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

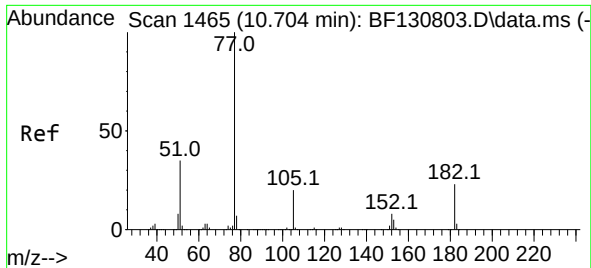


#62
4-Nitroaniline
Concen: 53.811 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:138 Resp: 150849
Ion Ratio Lower Upper
138 100
92 56.3 40.6 80.6
108 94.3 74.7 114.7





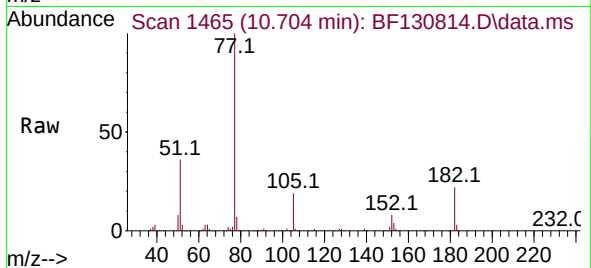
#63
Azobenzene
Concen: 48.482 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

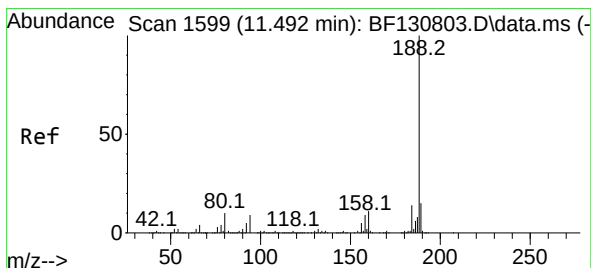
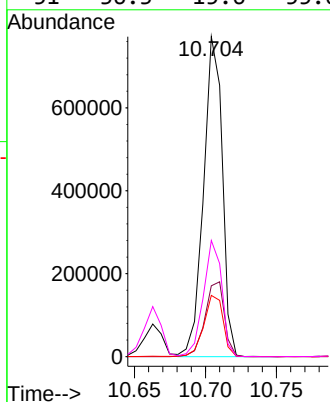
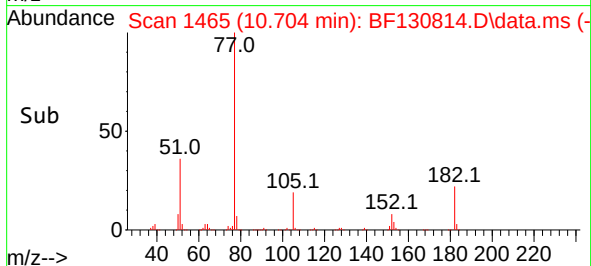


Tgt Ion: 77 Resp: 707429
Ion Ratio Lower Upper
77 100
182 22.1 2.6 42.6
105 19.1 0.0 40.0
51 36.3 15.6 55.6

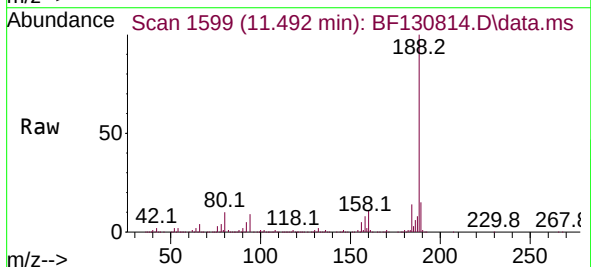
Manual Integrations

APPROVED

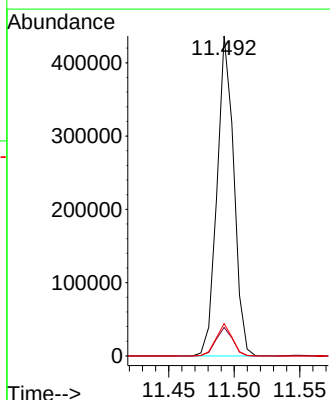
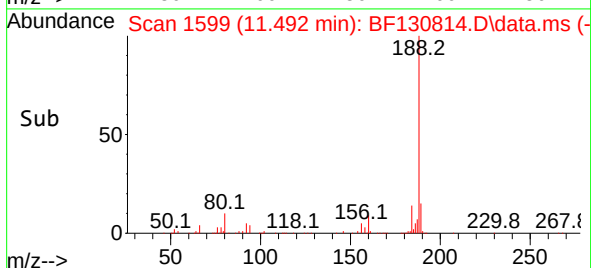
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

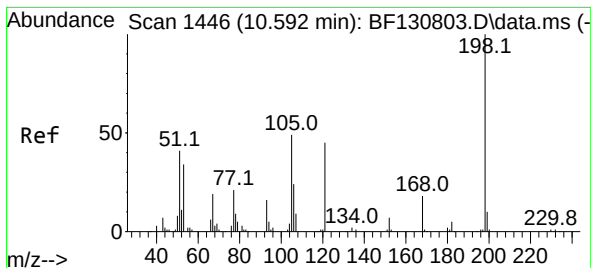


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:188 Resp: 390072
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.1 8.0 12.0





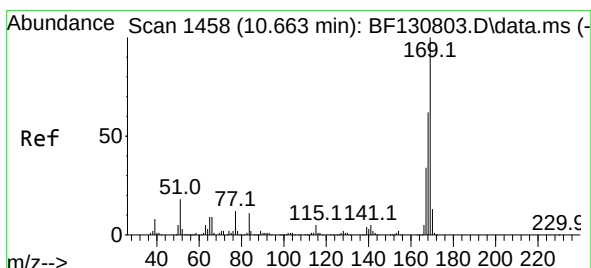
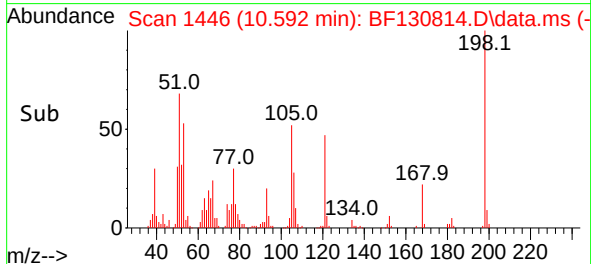
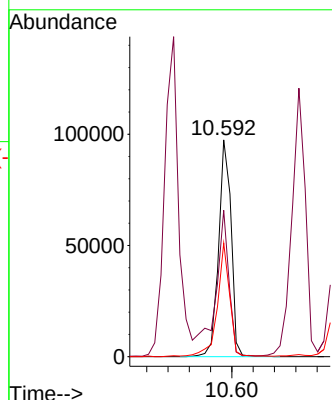
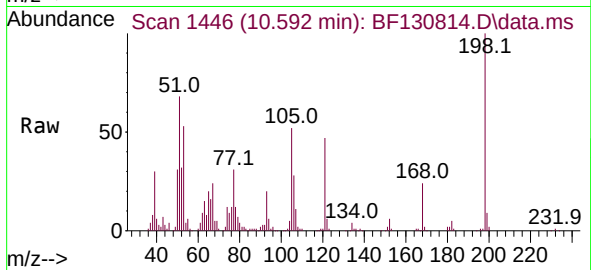
#65
4,6-Dinitro-2-methylphenol
Concen: 48.572 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion:198 Resp: 79362
Ion Ratio Lower Upper
198 100
51 67.6 39.0 79.0
105 52.4 30.6 70.6

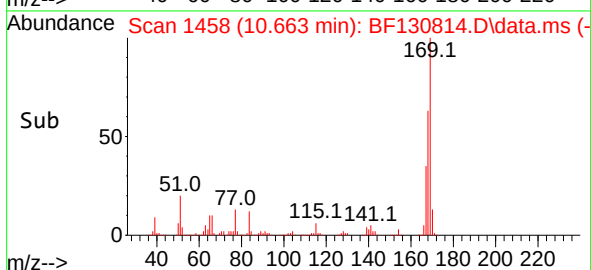
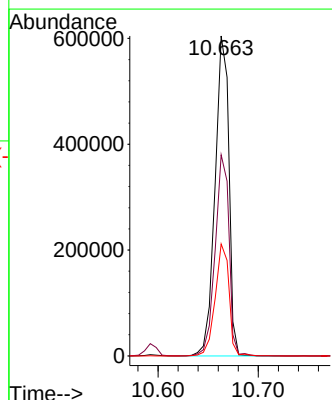
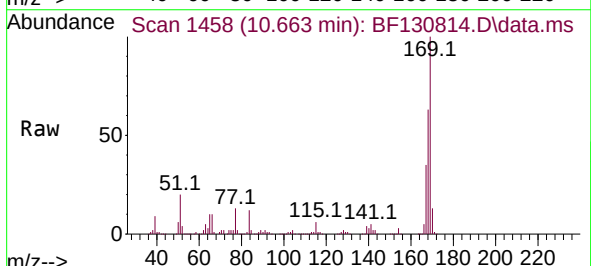
Manual Integrations
APPROVED

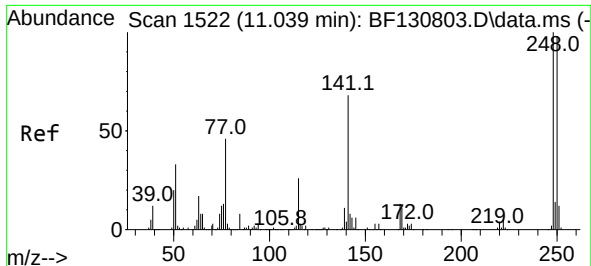
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#66
n-Nitrosodiphenylamine
Concen: 47.767 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Tgt Ion:169 Resp: 581183
Ion Ratio Lower Upper
169 100
168 62.8 49.4 74.0
167 35.0 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 48.681 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

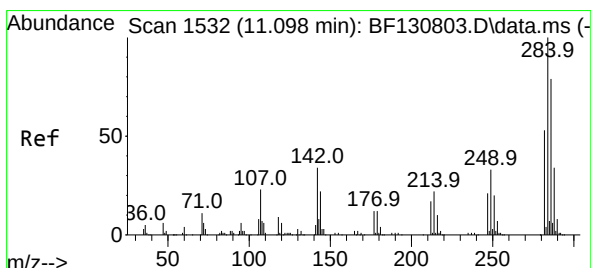
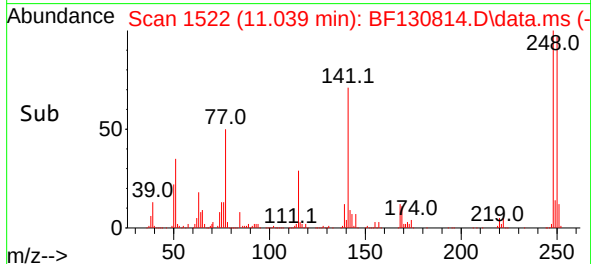
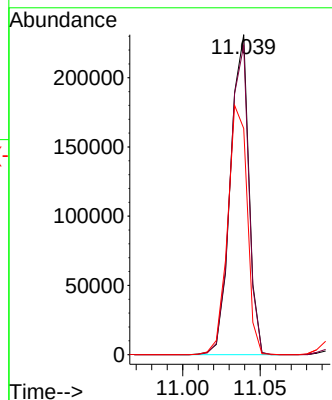
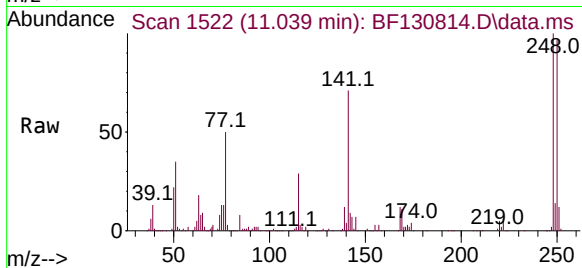
PB148514BS

Tgt Ion:248 Resp: 190962
Ion Ratio Lower Upper
248 100
250 96.6 78.6 117.8
141 70.7 54.2 81.4

Manual Integrations

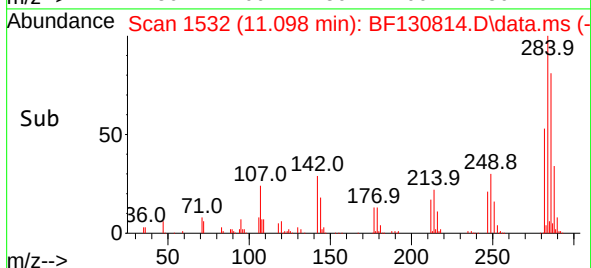
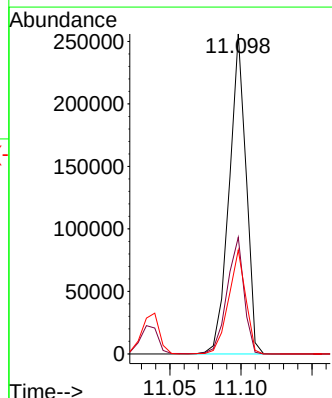
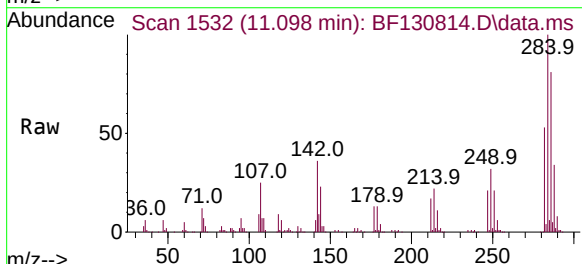
APPROVED

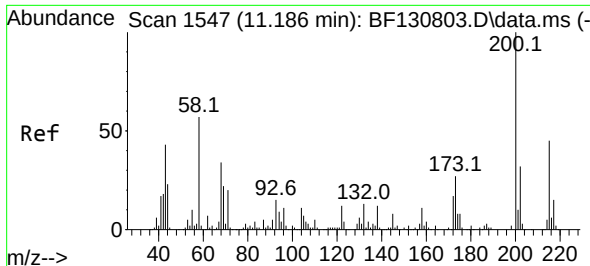
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#68
Hexachlorobenzene
Concen: 48.673 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

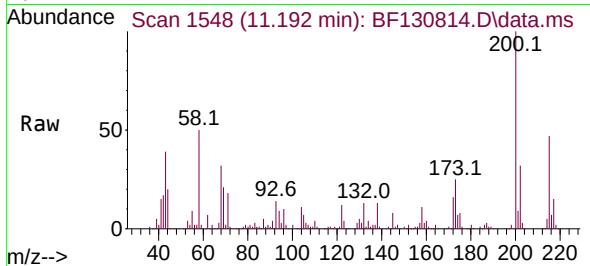
Tgt Ion:284 Resp: 210368
Ion Ratio Lower Upper
284 100
142 36.4 27.1 40.7
249 32.5 26.6 39.8





#69
Atrazine
Concen: 57.709 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

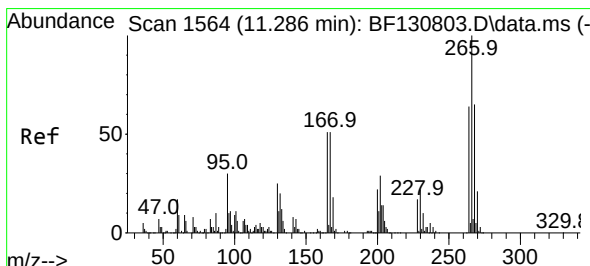
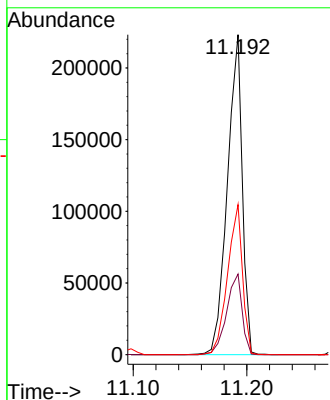
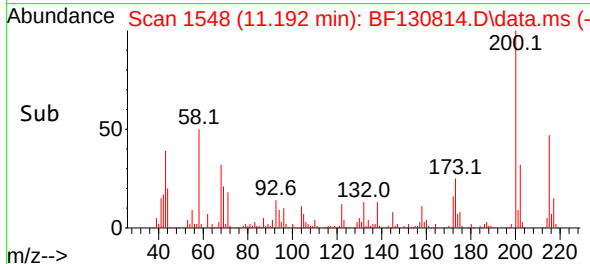
Instrument :
BNA_F
ClientSampleId :
PB148514BS



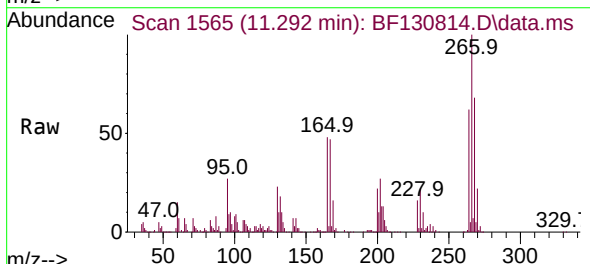
Tgt Ion:200 Resp: 202772
Ion Ratio Lower Upper
200 100
173 25.2 7.1 47.1
215 46.9 25.4 65.4

Manual Integrations
APPROVED

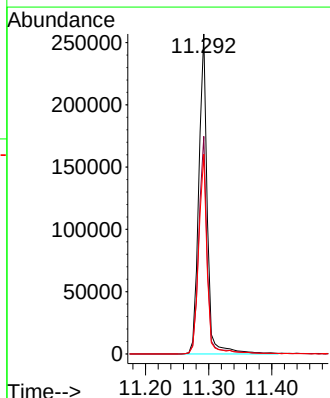
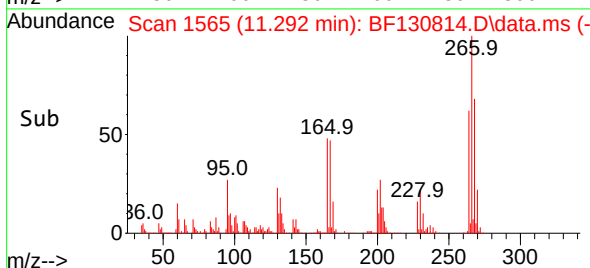
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

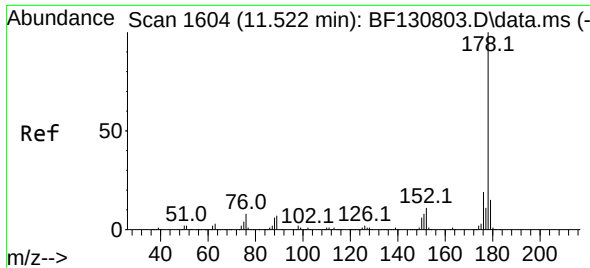


#70
Pentachlorophenol
Concen: 97.345 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



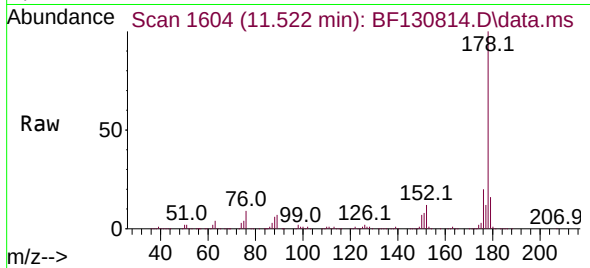
Tgt Ion:266 Resp: 240084
Ion Ratio Lower Upper
266 100
268 68.0 51.8 77.6
264 62.4 51.6 77.4





#71
Phenanthrene
Concen: 46.072 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

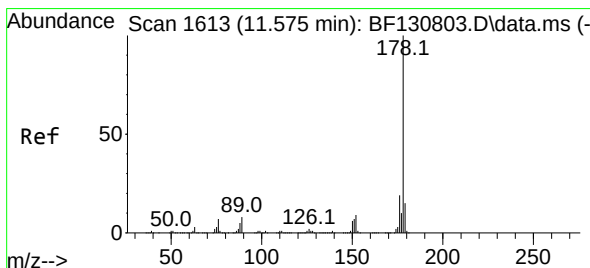
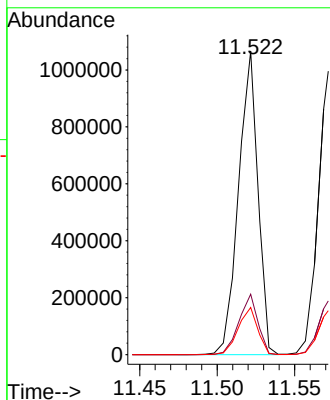
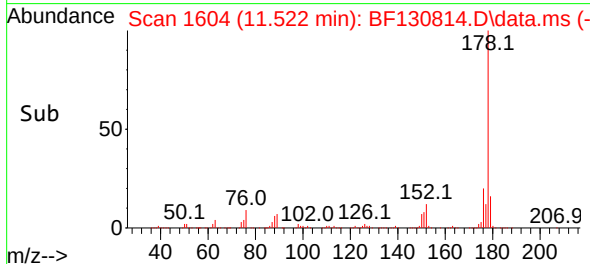
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:178 Resp: 92755
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.5 12.2 18.2

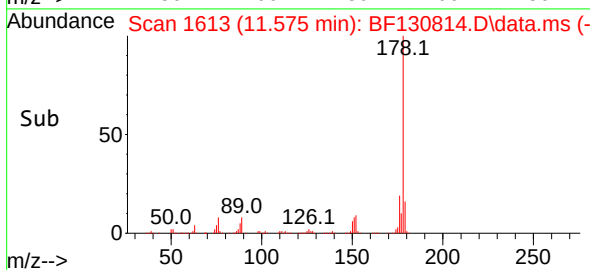
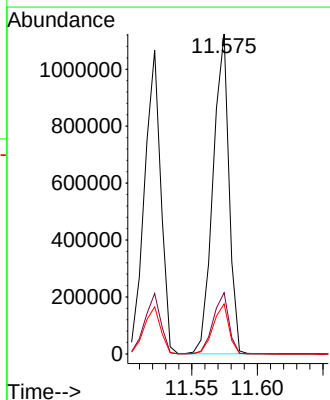
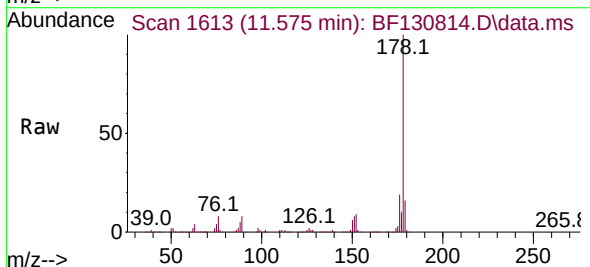
Manual Integrations
APPROVED

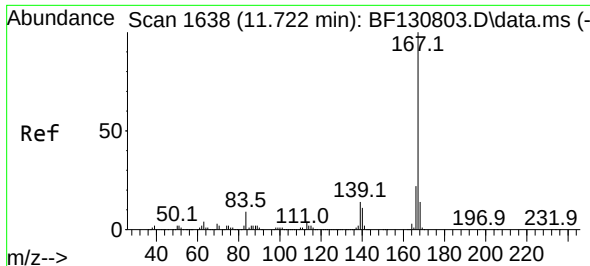
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#72
Anthracene
Concen: 47.937 ng
RT: 11.575 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

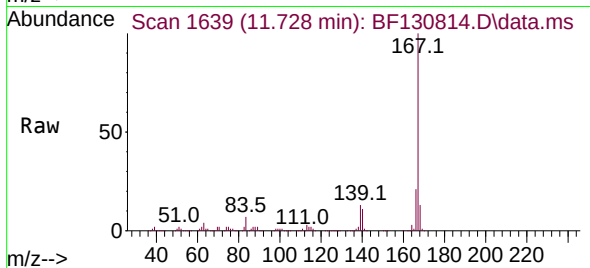
Tgt Ion:178 Resp: 951914
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 47.845 ng
 RT: 11.728 min Scan# 1638
 Delta R.T. 0.006 min
 Lab File: BF130814.D
 Acq: 27 Oct 2022 23:56

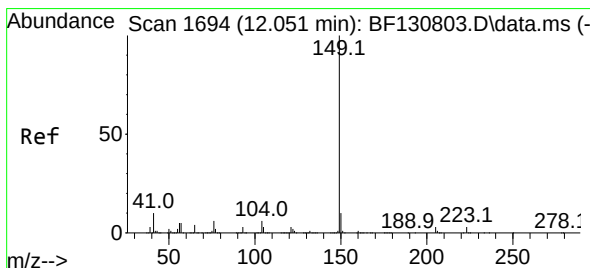
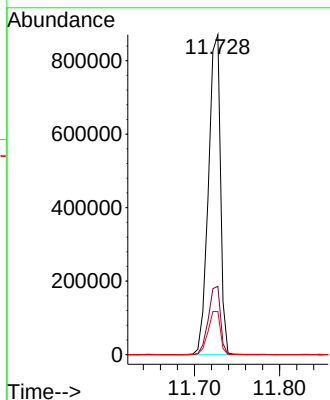
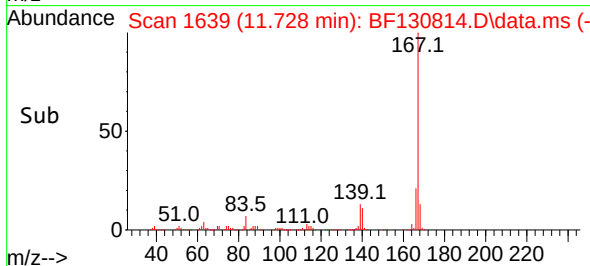
Instrument :
 BNA_F
 ClientSampleId :
 PB148514BS



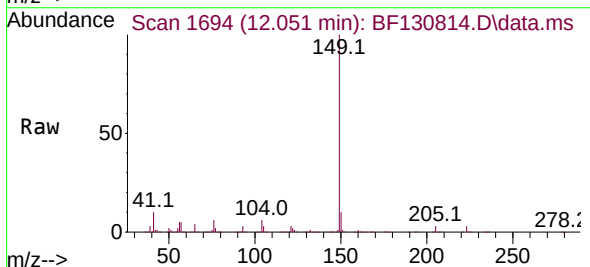
Tgt Ion:167 Resp: 850845
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.5 11.3 16.9

Manual Integrations
 APPROVED

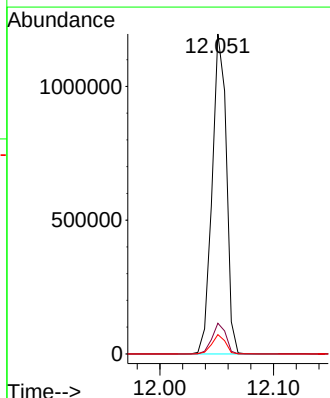
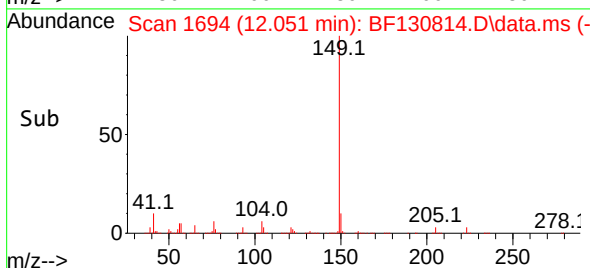
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

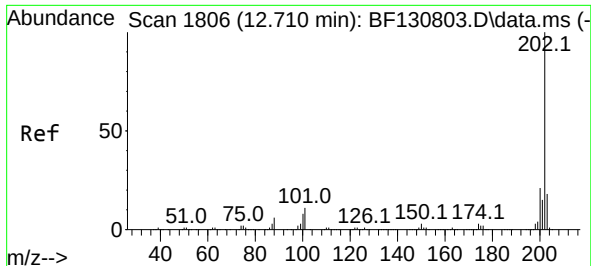


#74
 Di-n-butylphthalate
 Concen: 48.360 ng
 RT: 12.051 min Scan# 1694
 Delta R.T. 0.000 min
 Lab File: BF130814.D
 Acq: 27 Oct 2022 23:56



Tgt Ion:149 Resp: 1044461
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 6.0 4.6 6.8





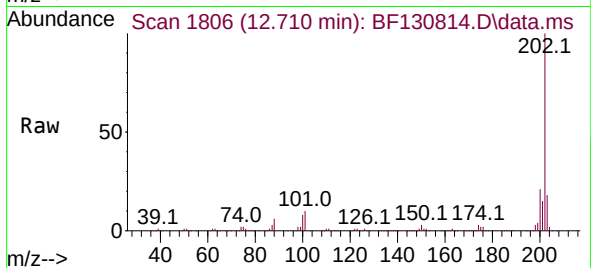
#75
Fluoranthene
Concen: 46.113 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

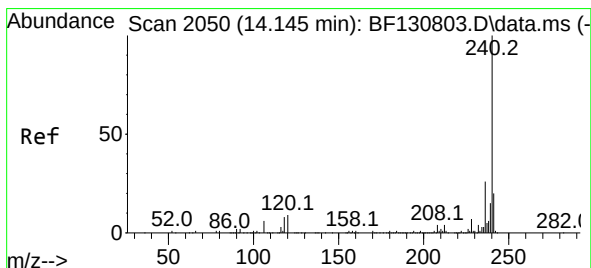
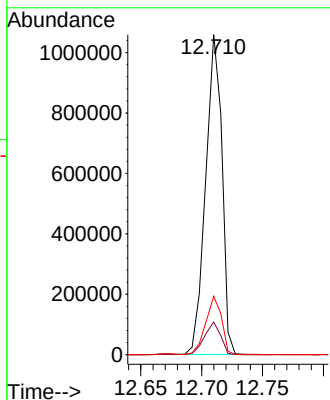
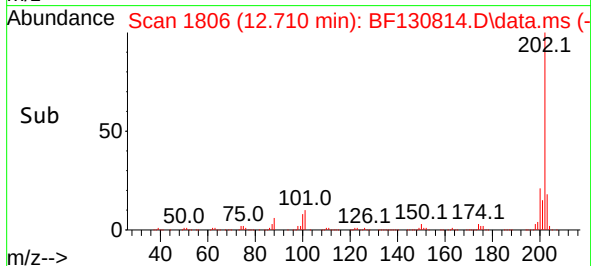


Tgt Ion:202 Resp: 986411
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.9
203 18.2 0.0 37.7

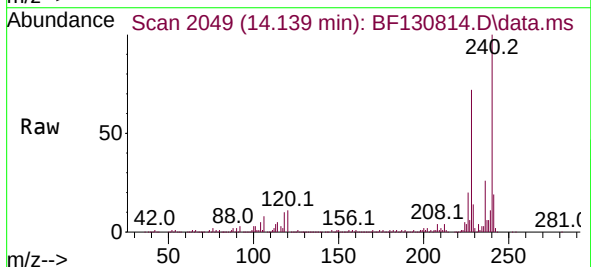
Manual Integrations

APPROVED

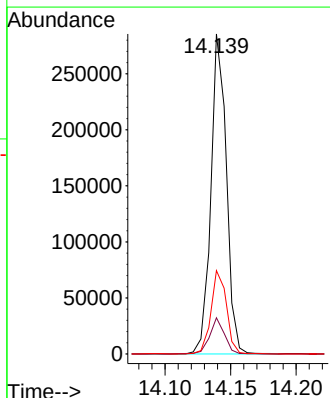
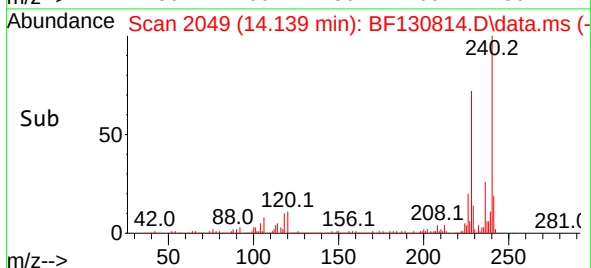
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

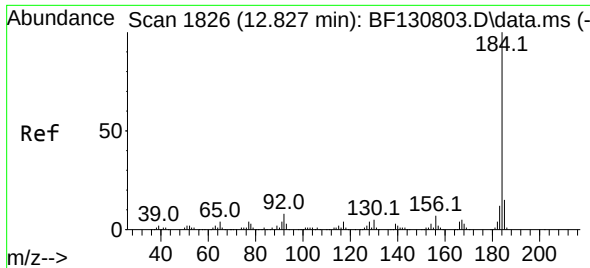


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



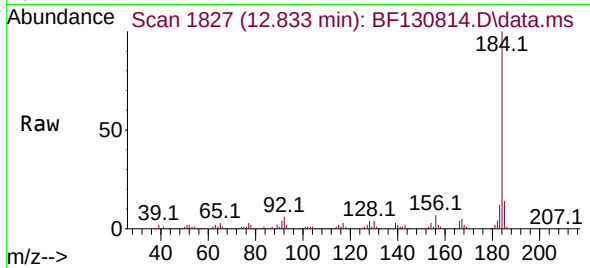
Tgt Ion:240 Resp: 234759
Ion Ratio Lower Upper
240 100
120 11.3 7.0 10.4#
236 26.0 20.5 30.7





#77
Benzidine
Concen: 88.055 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

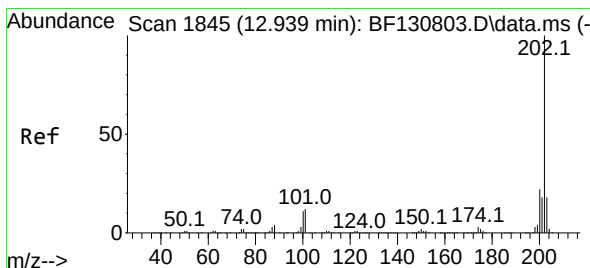
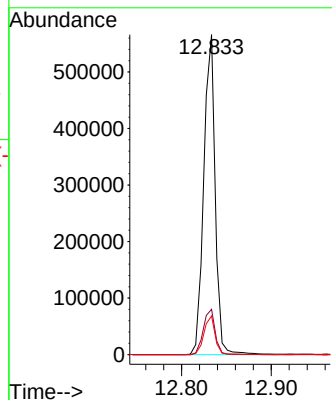
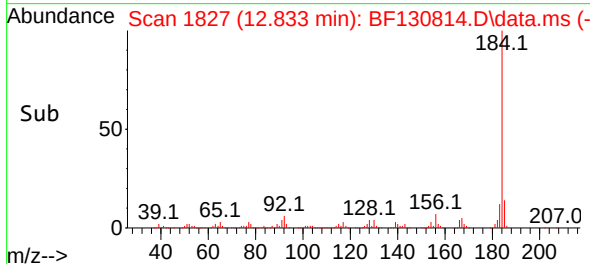
Instrument :
BNA_F
ClientSampleId :
PB148514BS



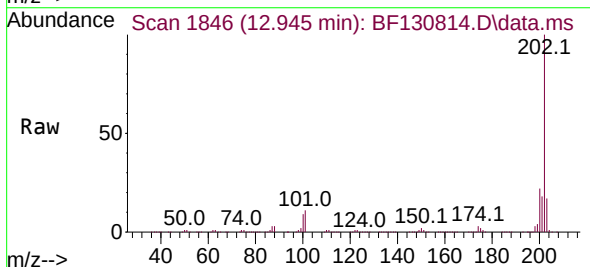
Tgt Ion:184 Resp: 501803
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 12.1 9.7 14.5

Manual Integrations
APPROVED

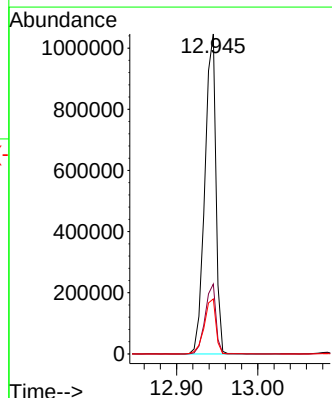
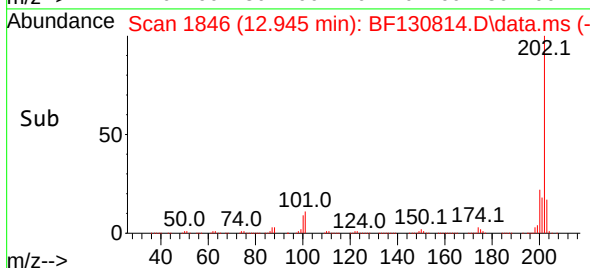
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

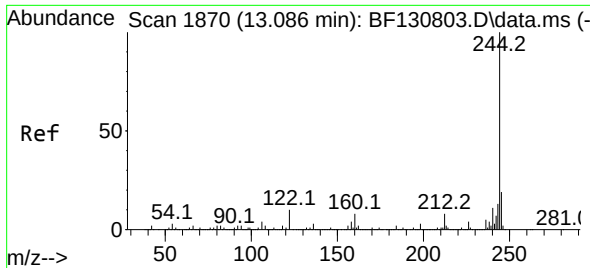


#78
Pyrene
Concen: 50.031 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:202 Resp: 990923
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.2 14.5 21.7





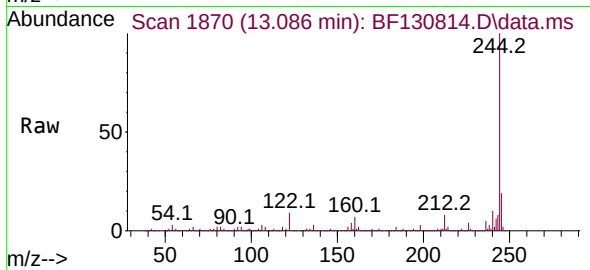
#79
 Terphenyl-d14
 Concen: 105.732 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130814.D
 Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

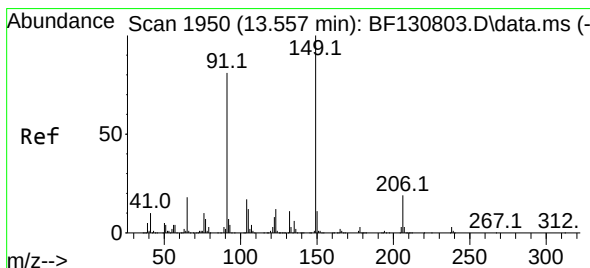
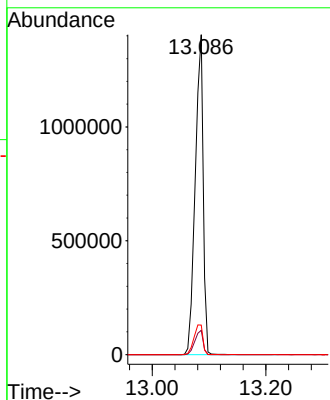
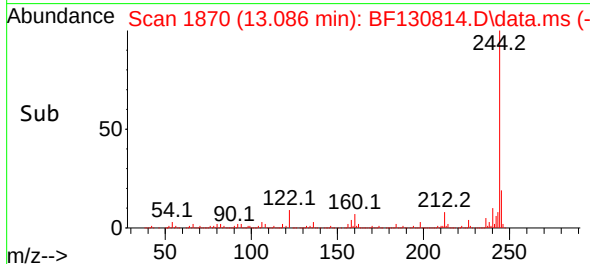


Tgt Ion:244 Resp: 1354548
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.2 7.9 11.9

Manual Integrations

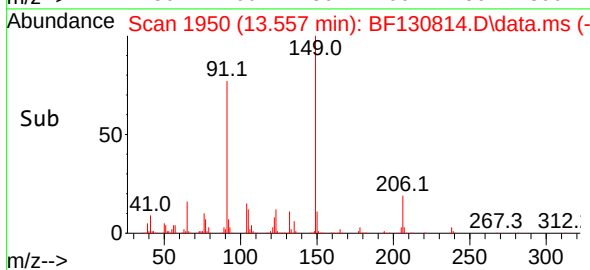
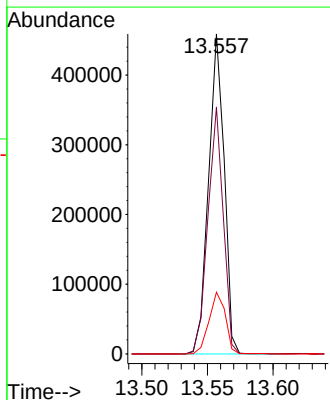
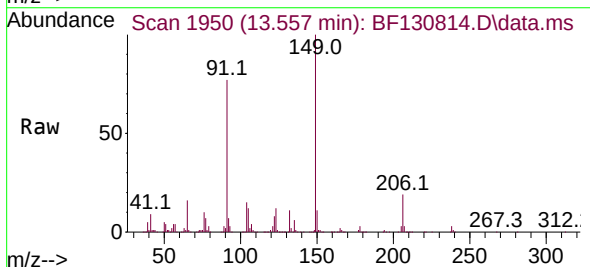
APPROVED

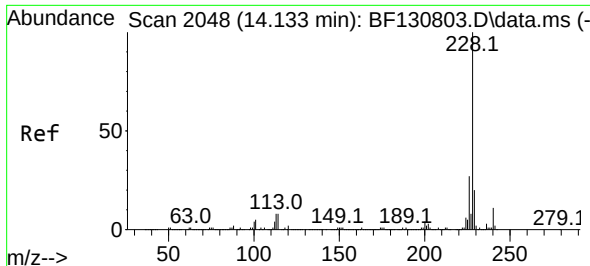
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#80
 Butylbenzylphthalate
 Concen: 53.451 ng
 RT: 13.557 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BF130814.D
 Acq: 27 Oct 2022 23:56

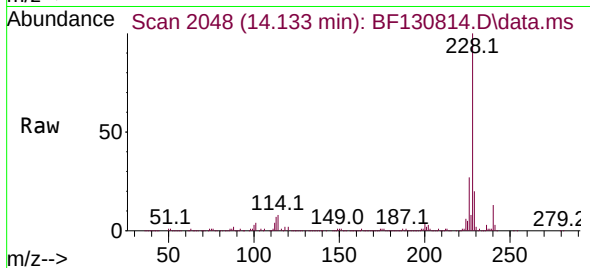
Tgt Ion:149 Resp: 380872
 Ion Ratio Lower Upper
 149 100
 91 77.2 64.5 96.7
 206 19.3 15.3 22.9





#81
Benzo(a)anthracene
Concen: 47.347 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

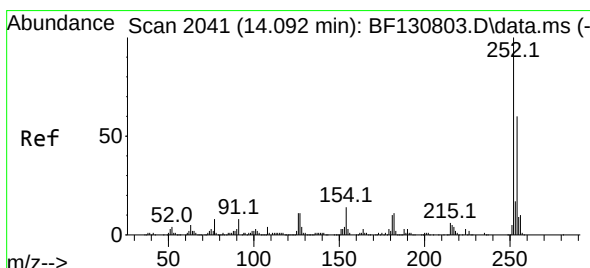
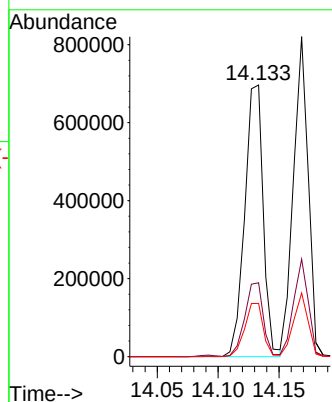
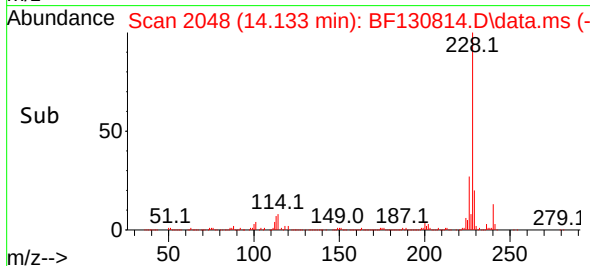
Instrument :
BNA_F
ClientSampleId :
PB148514BS



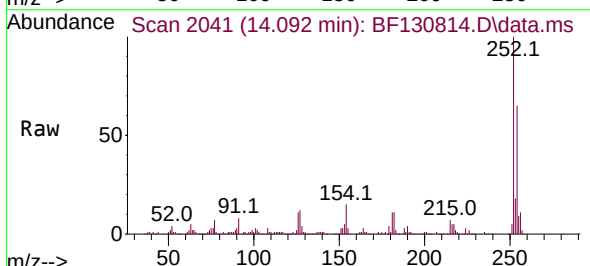
Tgt Ion:228 Resp: 736938
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.6 15.8 23.6

Manual Integrations
APPROVED

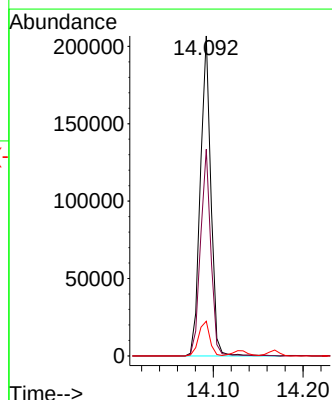
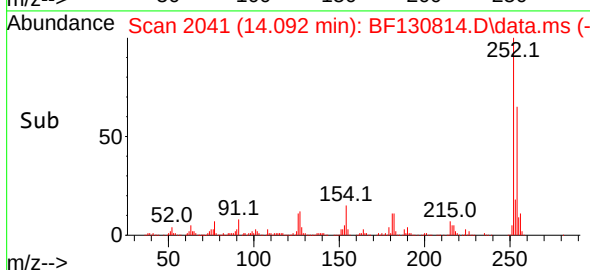
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

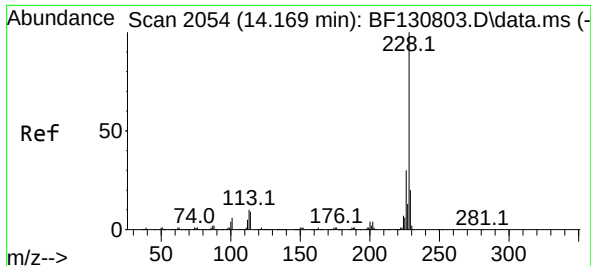


#82
3,3'-Dichlorobenzidine
Concen: 39.929 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



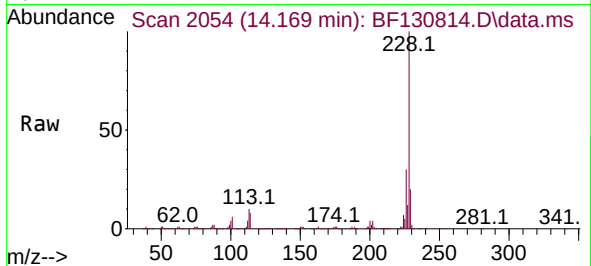
Tgt Ion:252 Resp: 167735
Ion Ratio Lower Upper
252 100
254 64.6 47.8 71.6
126 10.9 9.0 13.6





#83
Chrysene
Concen: 46.306 ng
RT: 14.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

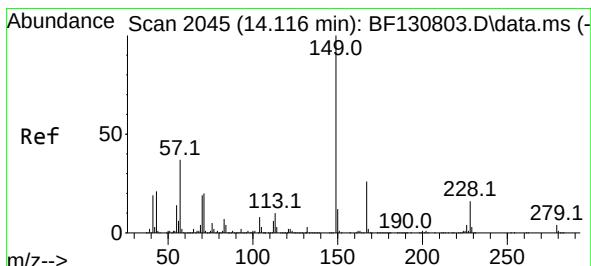
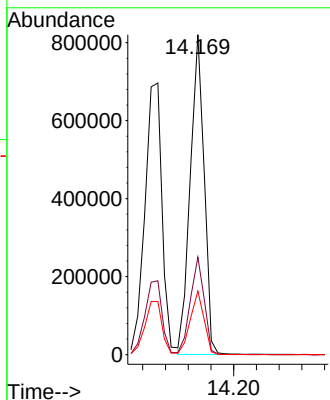
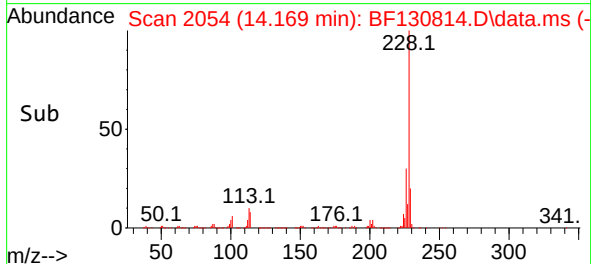
Instrument :
BNA_F
ClientSampleId :
PB148514BS



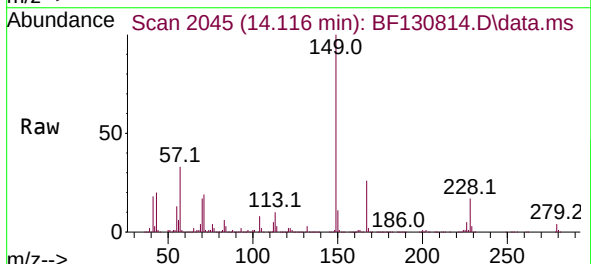
Tgt Ion:228 Resp: 695201
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.9 15.8 23.6

Manual Integrations
APPROVED

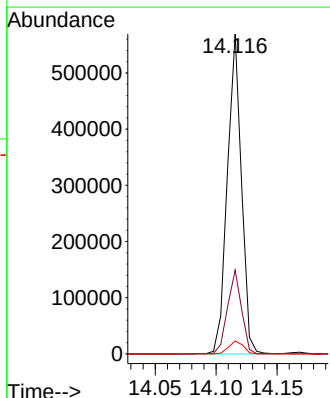
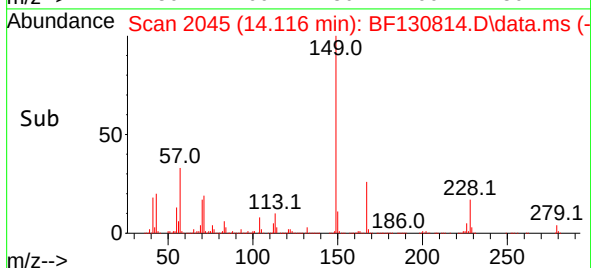
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

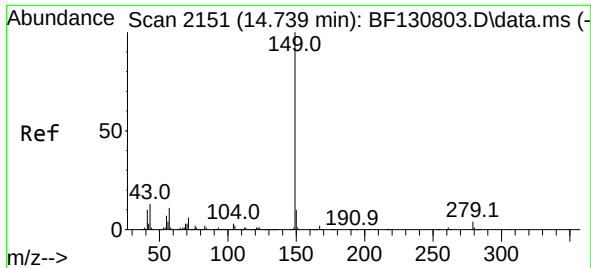


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.395 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



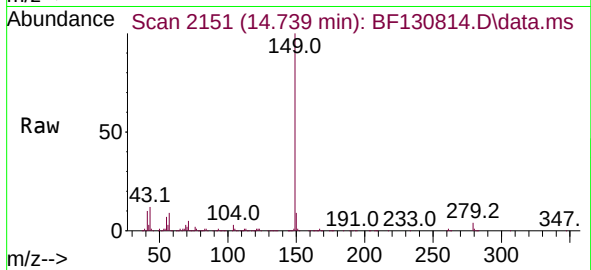
Tgt Ion:149 Resp: 457473
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 53.285 ng
RT: 14.739 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

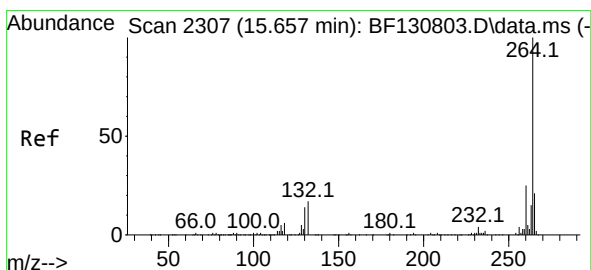
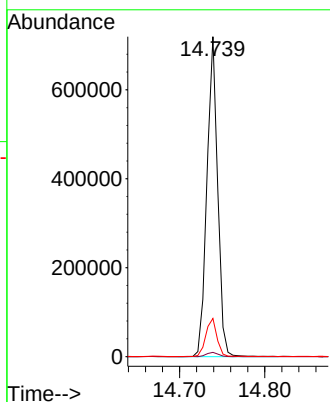
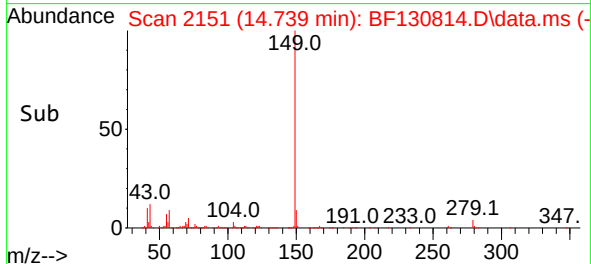
Instrument :
BNA_F
ClientSampleId :
PB148514BS



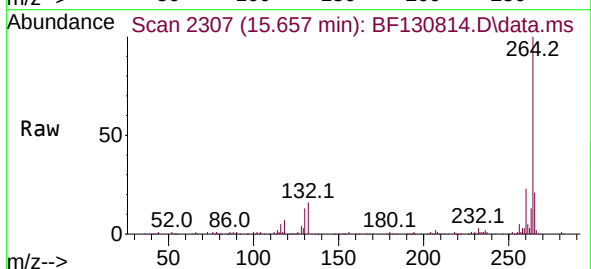
Tgt Ion:149 Resp: 630062
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.4 10.2 15.2

Manual Integrations
APPROVED

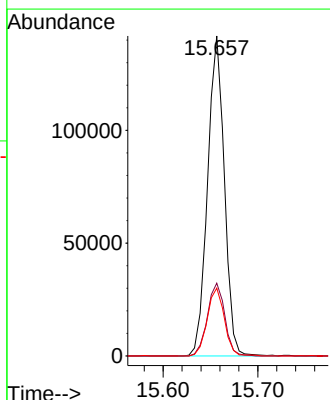
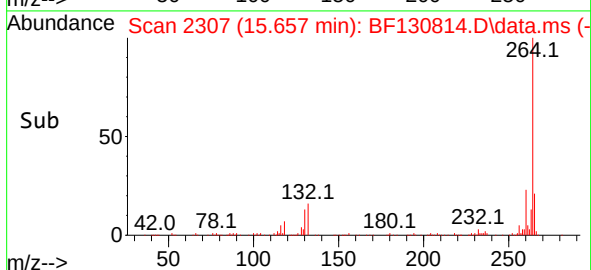
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

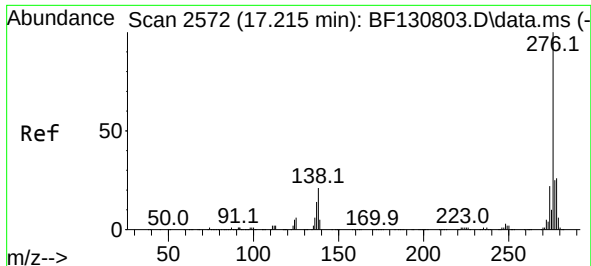


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:264 Resp: 174856
Ion Ratio Lower Upper
264 100
260 22.7 19.9 29.9
265 21.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.189 ng
RT: 17.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

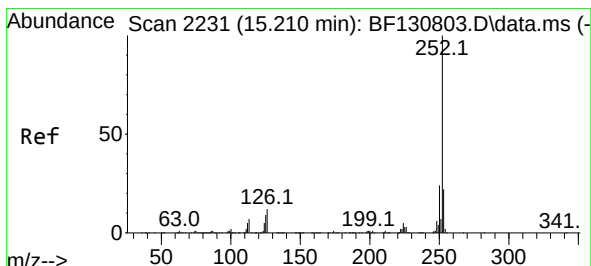
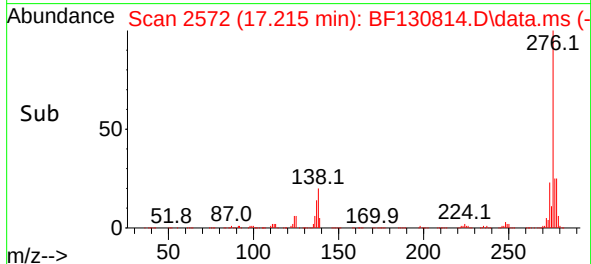
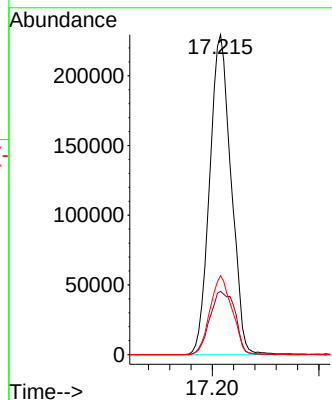
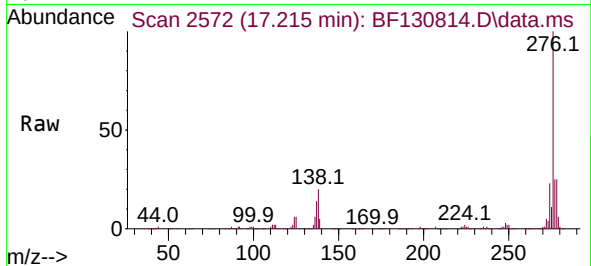
PB148514BS

Tgt Ion:276 Resp: 640843
Ion Ratio Lower Upper
276 100
138 23.4 19.1 28.7
277 25.4 20.1 30.1

Manual Integrations

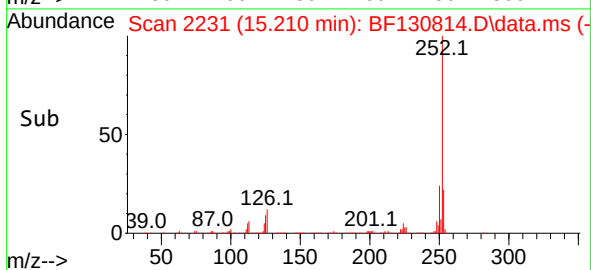
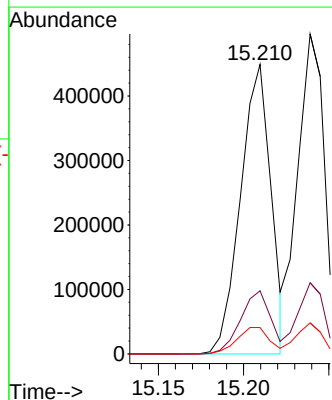
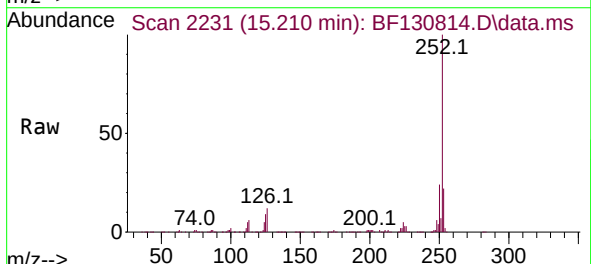
APPROVED

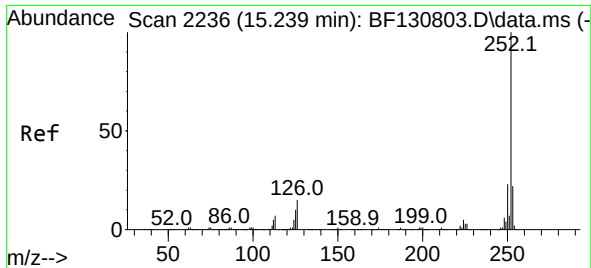
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#88
Benzo(b)fluoranthene
Concen: 49.210 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

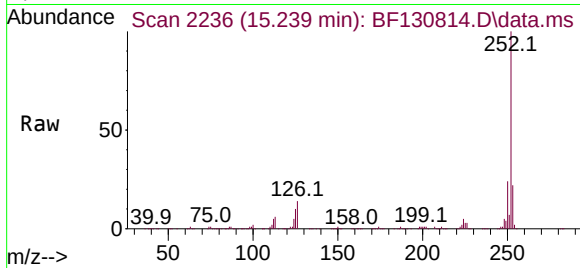
Tgt Ion:252 Resp: 556230
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.1 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 49.830 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

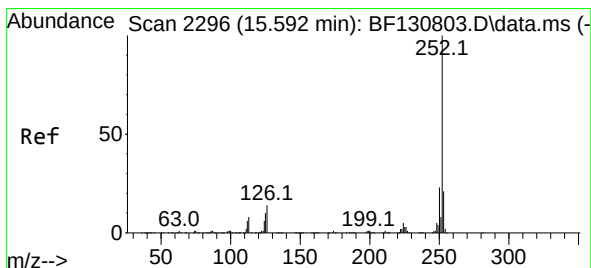
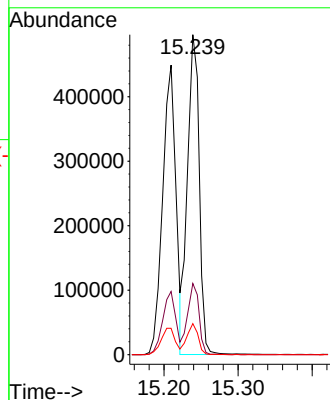
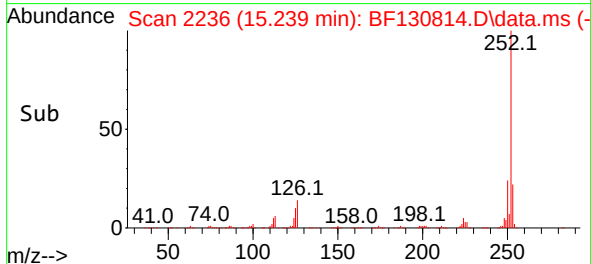
Instrument :
BNA_F
ClientSampleId :
PB148514BS



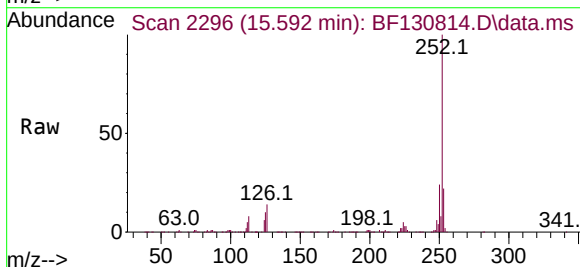
Tgt Ion:252 Resp: 548832
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.7 8.0 12.0

Manual Integrations
APPROVED

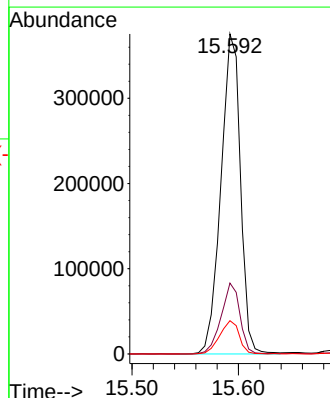
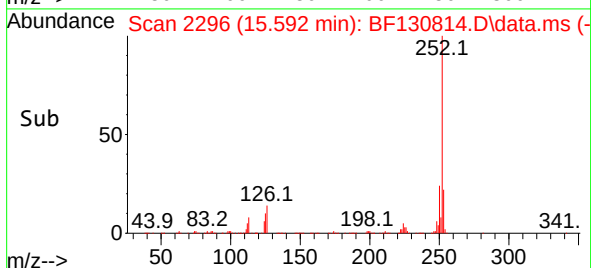
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

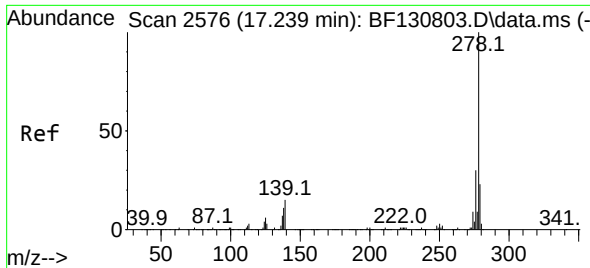


#90
Benzo(a)pyrene
Concen: 52.737 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:252 Resp: 479191
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 10.4 8.3 12.5





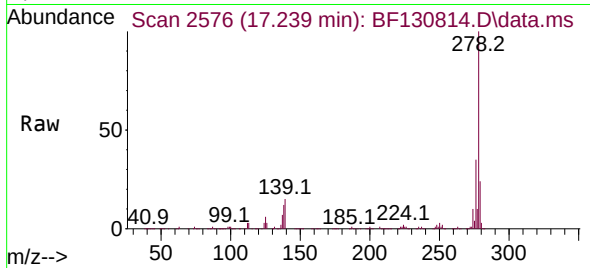
#91
Dibenzo(a,h)anthracene
Concen: 59.193 ng
RT: 17.239 min Scan# 2576
Delta R.T. 0.000 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56

Instrument :

BNA_F

ClientSampleId :

PB148514BS

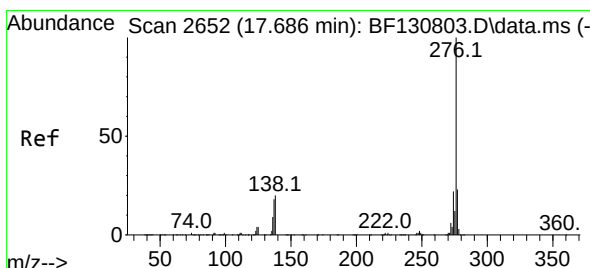
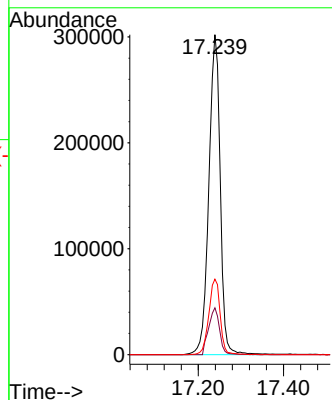
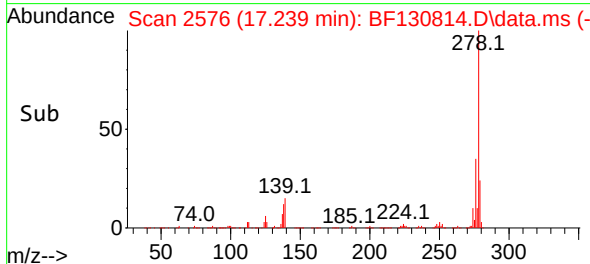


Tgt Ion:278 Resp: 560312
Ion Ratio Lower Upper
278 100
139 14.6 11.9 17.9
279 23.6 18.6 28.0

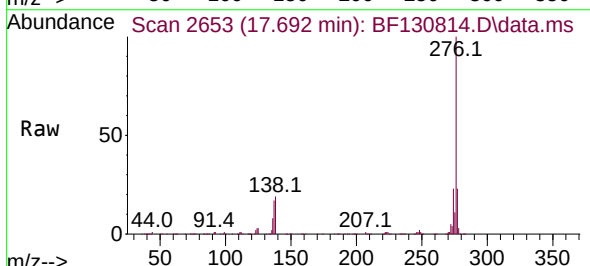
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#92
Benzo(g,h,i)perylene
Concen: 59.627 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BF130814.D
Acq: 27 Oct 2022 23:56



Tgt Ion:276 Resp: 575832
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 19.0 16.3 24.5

