

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131390.D
 Acq On : 25 Nov 2022 11:44
 Operator : CG\JU
 Sample : PB149192BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149192BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : mohammad ahmed 12/02/2022

Quant Time: Nov 25 23:15:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	110871	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	438902	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	253182	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	464515	20.000	ng	0.00
76) Chrysene-d12	14.174	240	298800	20.000	ng	0.00
86) Perylene-d12	15.710	264	247028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	769601	132.110	ng	0.02
7) Phenol-d6	6.581	99	981414	132.042	ng	0.00
23) Nitrobenzene-d5	7.528	82	641856	73.718	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	298379	140.081	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1185195	68.103	ng	0.00
79) Terphenyl-d14	13.110	244	1389748	76.058	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.852	88	93188	33.554	ng	96
3) Pyridine	3.604	79	257169	33.348	ng	96
4) n-Nitrosodimethylamine	3.575	42	182572	40.146	ng	95
6) Aniline	6.622	93	393305m	40.377	ng	
8) 2-Chlorophenol	6.740	128	306305	46.411	ng	100
9) Benzaldehyde	6.510	77	182032	39.804	ng	97
10) Phenol	6.592	94	373287	45.298	ng	99
11) bis(2-Chloroethyl)ether	6.692	93	284915	41.266	ng	98
12) 1,3-Dichlorobenzene	6.898	146	313426	39.847	ng	98
13) 1,4-Dichlorobenzene	6.975	146	319402	39.963	ng	98
14) 1,2-Dichlorobenzene	7.128	146	310495	42.192	ng	98
15) Benzyl Alcohol	7.098	79	285432	46.836	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	513615	38.898	ng	99
17) 2-Methylphenol	7.204	107	249015	44.269	ng	99
18) Hexachloroethane	7.475	117	121694	42.564	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	223092	41.001	ng	99
20) 3+4-Methylphenols	7.363	107	313338m	43.627	ng	
22) Acetophenone	7.375	105	425268	38.066	ng	# 95
24) Nitrobenzene	7.545	77	344445	37.970	ng	98
25) Isophorone	7.787	82	620662	39.955	ng	100
26) 2-Nitrophenol	7.863	139	156714	51.954	ng	91
27) 2,4-Dimethylphenol	7.892	122	277309	46.049	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	354518	40.182	ng	99
29) 2,4-Dichlorophenol	8.104	162	267001	40.875	ng	95
30) 1,2,4-Trichlorobenzene	8.186	180	290911	35.951	ng	99
31) Naphthalene	8.275	128	847699	36.244	ng	99
32) Benzoic acid	8.022	122	209057	53.339	ng	95
33) 4-Chloroaniline	8.316	127	253508	27.474	ng	99
34) Hexachlorobutadiene	8.386	225	181234	34.588	ng	97
35) Caprolactam	8.698	113	86898m	50.625	ng	
36) 4-Chloro-3-methylphenol	8.798	107	292404	43.087	ng	95
37) 2-Methylnaphthalene	8.969	142	578970	36.534	ng	100
38) 1-Methylnaphthalene	9.069	142	543683	35.379	ng	99
40) 1,2,4,5-Tetrachloroben...	9.133	216	297757	36.241	ng	99
41) Hexachlorocyclopentadiene	9.116	237	367948	99.621	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	206755	44.360	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

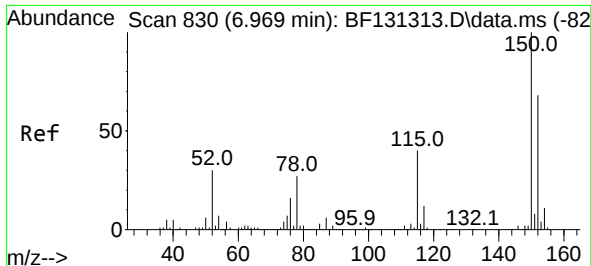
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	217676	41.533	ng	98
46) 1,1'-Biphenyl	9.433	154	714266	36.969	ng	98
47) 2-Chloronaphthalene	9.463	162	568816	36.700	ng	98
48) 2-Nitroaniline	9.557	65	209676	44.556	ng	95
49) Acenaphthylene	9.880	152	885701	37.487	ng	100
50) Dimethylphthalate	9.739	163	675533	38.295	ng	99
51) 2,6-Dinitrotoluene	9.798	165	153720	43.574	ng	93
52) Acenaphthene	10.051	154	636465m	43.020	ng	
53) 3-Nitroaniline	9.969	138	121807	33.602	ng	91
54) 2,4-Dinitrophenol	10.075	184	169948	96.529	ng	98
55) Dibenzofuran	10.228	168	777373	36.523	ng	100
56) 4-Nitrophenol	10.128	139	246499	97.980	ng	99
57) 2,4-Dinitrotoluene	10.210	165	211421	47.631	ng	85
58) Fluorene	10.569	166	622338	37.464	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	189667	43.454	ng	99
60) Diethylphthalate	10.439	149	644209	38.676	ng	99
61) 4-Chlorophenyl-phenyle...	10.563	204	318542	37.407	ng	95
62) 4-Nitroaniline	10.592	138	157355	43.617	ng	98
63) Azobenzene	10.722	77	648459	36.207	ng	97
65) 4,6-Dinitro-2-methylph...	10.616	198	104902	51.429	ng	85
66) n-Nitrosodiphenylamine	10.680	169	546591	36.928	ng	100
67) 4-Bromophenyl-phenylether	11.057	248	206862	36.335	ng	95
68) Hexachlorobenzene	11.116	284	224873	37.215	ng	98
69) Atrazine	11.210	200	203356	44.622	ng	100
70) Pentachlorophenol	11.316	266	272268	77.696	ng	99
71) Phenanthrene	11.539	178	924291	36.819	ng	99
72) Anthracene	11.592	178	943942	38.261	ng	99
73) Carbazole	11.745	167	849246	40.354	ng	100
74) Di-n-butylphthalate	12.074	149	970840	39.149	ng	99
75) Fluoranthene	12.733	202	1010963	38.217	ng	100
77) Benzidine	12.857	184	441003	79.903	ng	96
78) Pyrene	12.969	202	1017113	38.581	ng	100
80) Butylbenzylphthalate	13.586	149	359243	41.151	ng	93
81) Benzo(a)anthracene	14.163	228	792307	38.685	ng	99
82) 3,3'-Dichlorobenzidine	14.121	252	226073	41.597	ng	100
83) Chrysene	14.204	228	748124	37.231	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	432484	37.623	ng	# 99
85) Di-n-octyl phthalate	14.768	149	626783	39.658	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	661630	39.878	ng	100
88) Benzo(b)fluoranthene	15.257	252	684569	41.715	ng	99
89) Benzo(k)fluoranthene	15.286	252	657802	39.005	ng	99
90) Benzo(a)pyrene	15.645	252	583534	43.336	ng	# 98
91) Dibenzo(a,h)anthracene	17.315	278	559243	40.827	ng	99
92) Benzo(g,h,i)perylene	17.780	276	557417	40.772	ng	98

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

Manual Integrations APPROVED

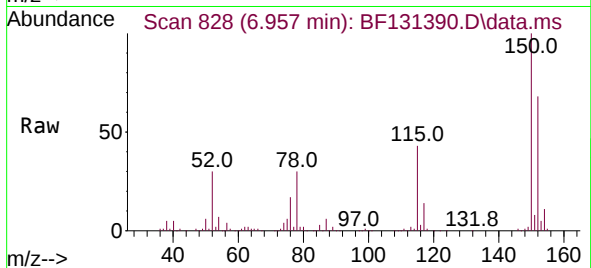
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

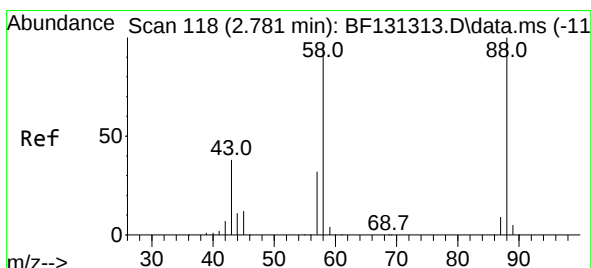
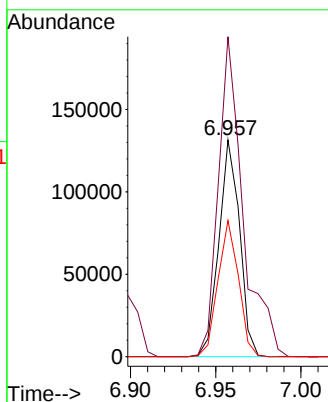
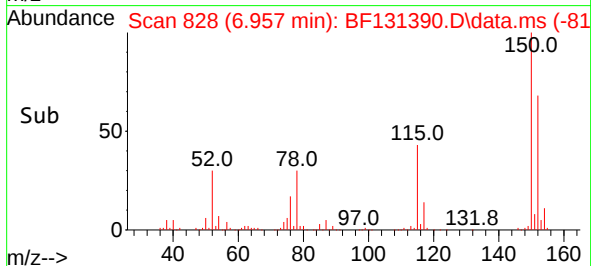
Instrument :
BNA_F
ClientSampleId :
PB149192BS



Tgt Ion:152 Resp: 11087
Ion Ratio Lower Upper
152 100
150 147.8 117.8 176.8
115 62.8 47.1 70.7

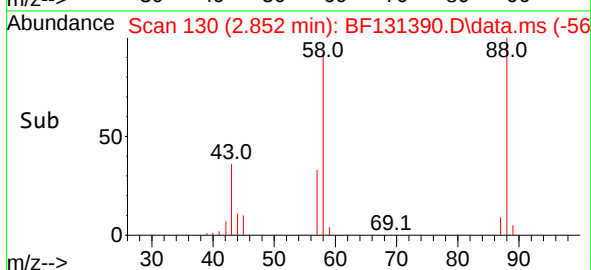
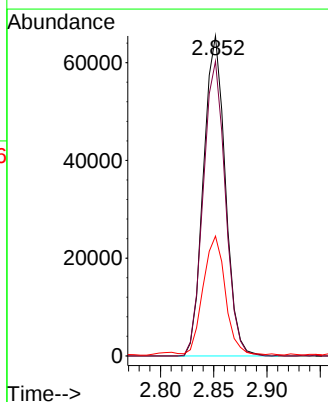
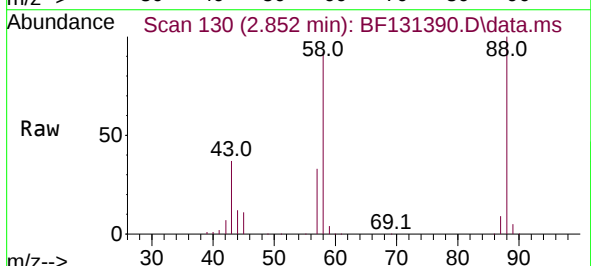
Manual Integrations
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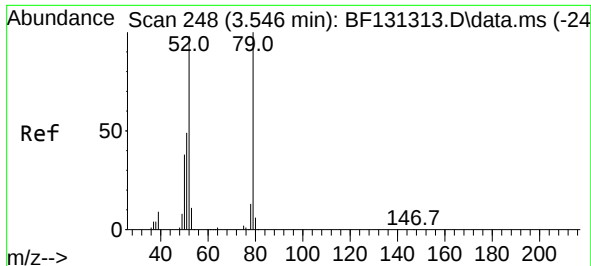
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#2
1,4-Dioxane
Concen: 33.554 ng
RT: 2.852 min Scan# 130
Delta R.T. 0.082 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

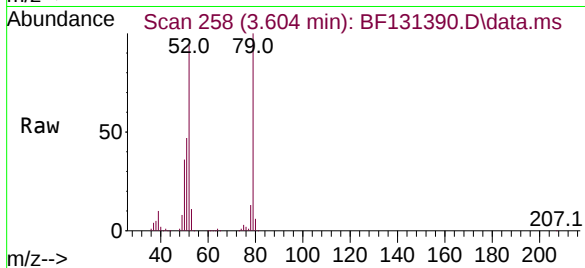
Tgt Ion: 88 Resp: 93188
Ion Ratio Lower Upper
88 100
58 93.2 78.2 117.4
43 37.9 31.6 47.4





#3
Pyridine
Concen: 33.348 ng
RT: 3.604 min Scan# 248
Delta R.T. 0.065 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

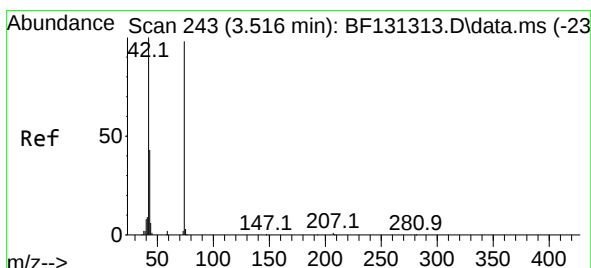
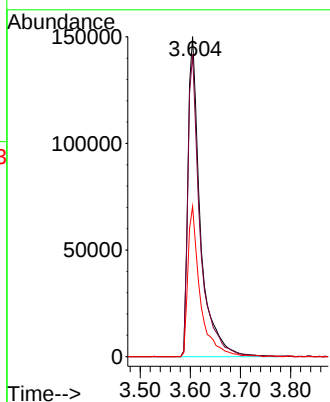
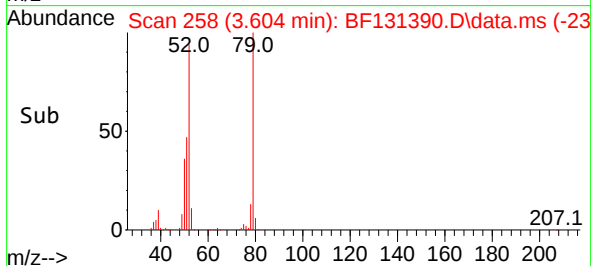
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 257169
Ion Ratio Lower Upper
79 100
52 94.4 78.7 118.1
51 46.9 39.3 58.9

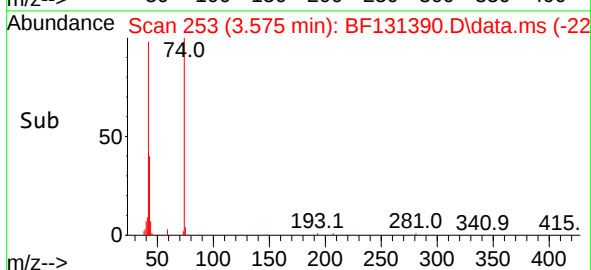
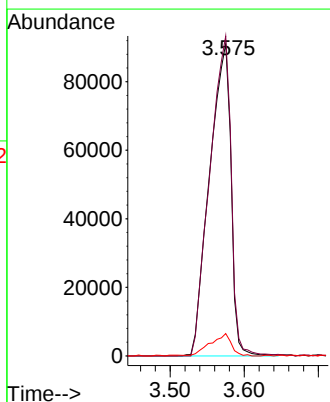
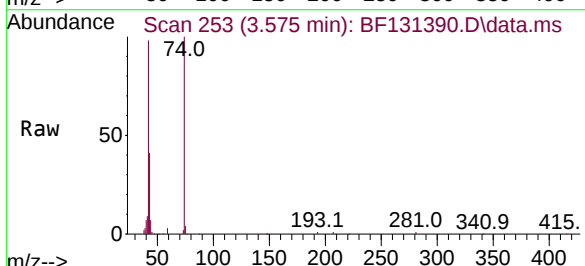
Manual Integrations
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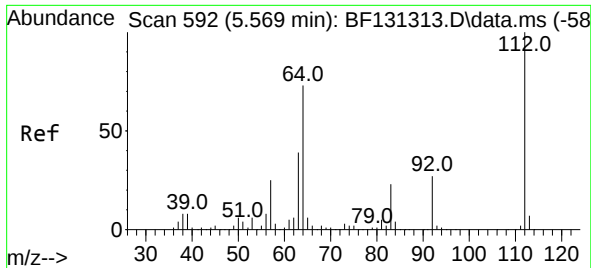
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#4
n-Nitrosodimethylamine
Concen: 40.146 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.071 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion: 42 Resp: 182572
Ion Ratio Lower Upper
42 100
74 102.5 78.0 117.0
44 7.2 5.2 7.8





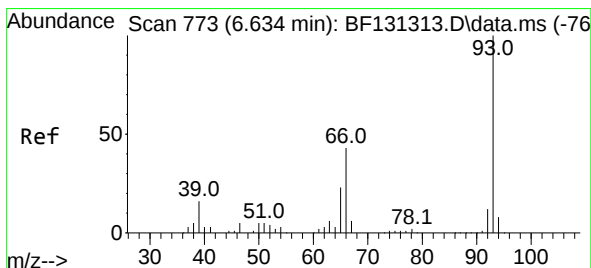
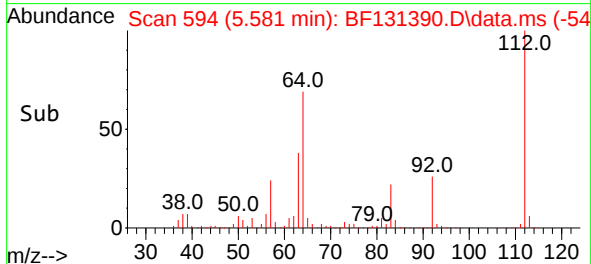
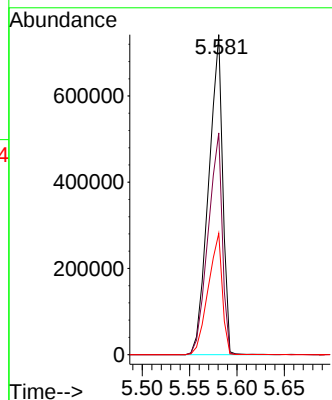
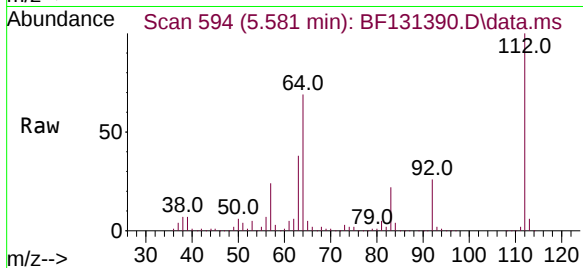
#5
2-Fluorophenol
Concen: 132.110 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB149192BS

Tgt Ion:112 Resp: 769601
Ion Ratio Lower Upper
112 100
64 69.3 58.6 88.0
63 37.9 31.4 47.0

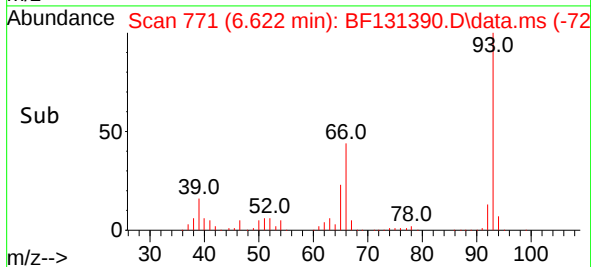
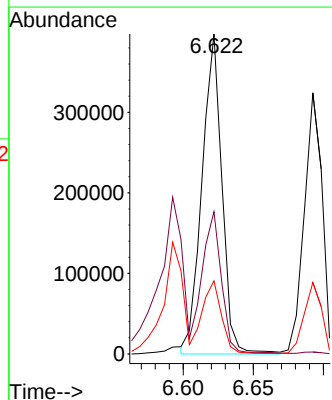
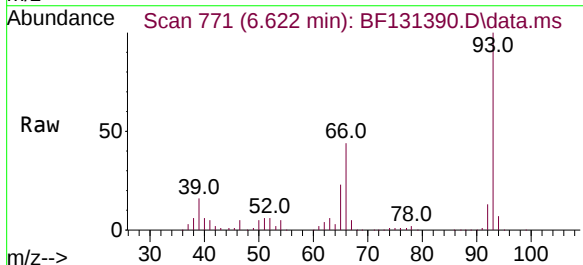
Manual Integrations
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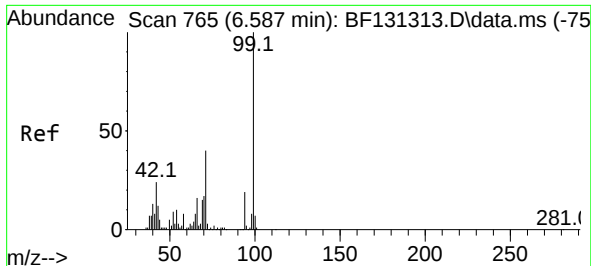
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#6
Aniline
Concen: 40.377 ng m
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

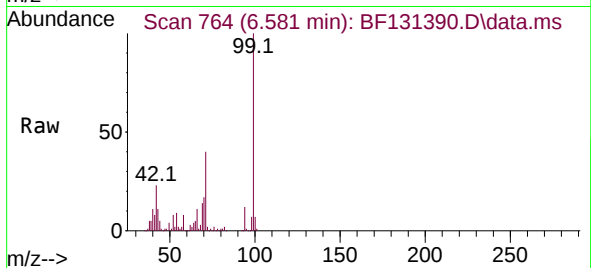
Tgt Ion: 93 Resp: 393305
Ion Ratio Lower Upper
93 100
66 44.4 35.6 53.4
65 22.8 18.4 27.6





#7
Phenol-d6
Concen: 132.042 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

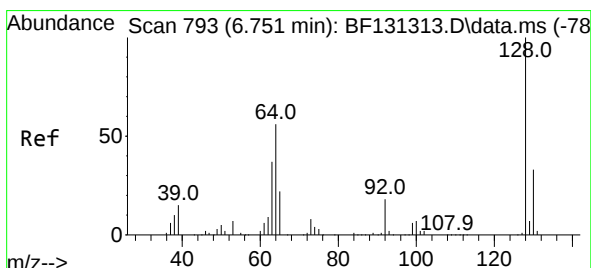
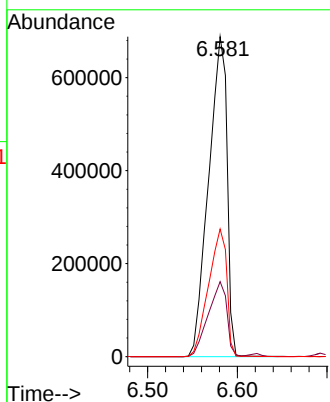
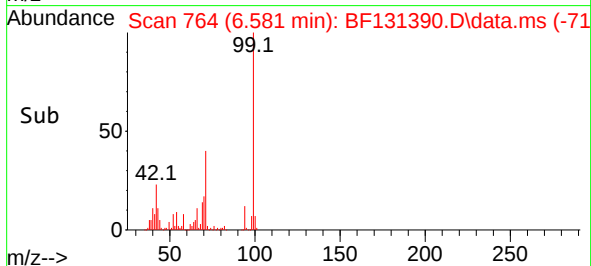
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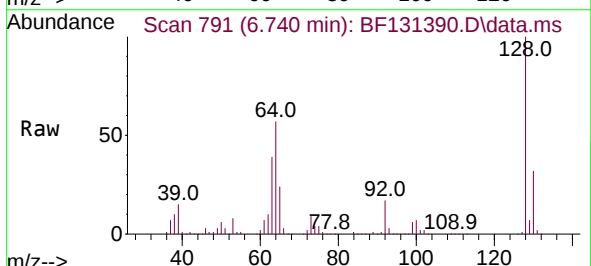
Tgt Ion: 99 Resp: 981414
Ion Ratio Lower Upper
99 100
42 23.4 19.4 29.2
71 39.9 32.3 48.5

Manual Integrations
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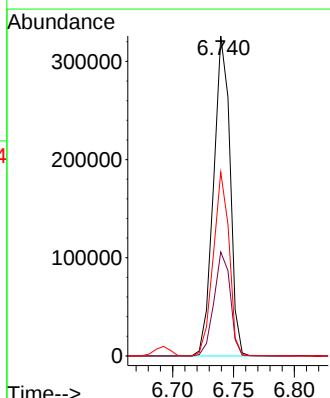
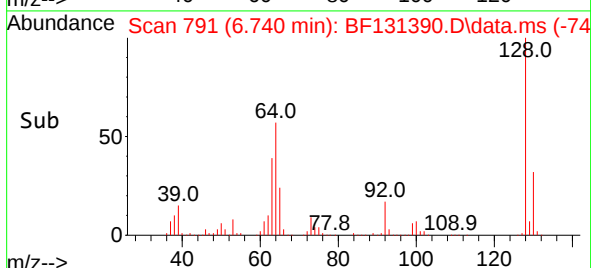
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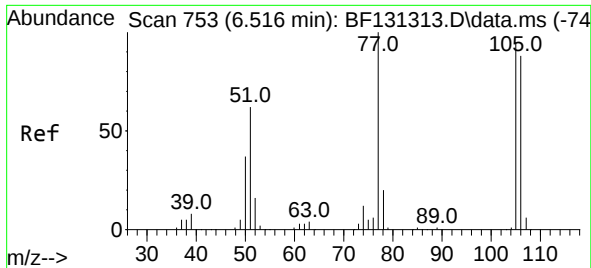


#8
2-Chlorophenol
Concen: 46.411 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:128 Resp: 306305
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 57.4 36.9 76.9





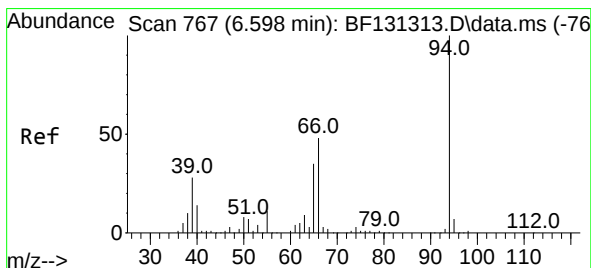
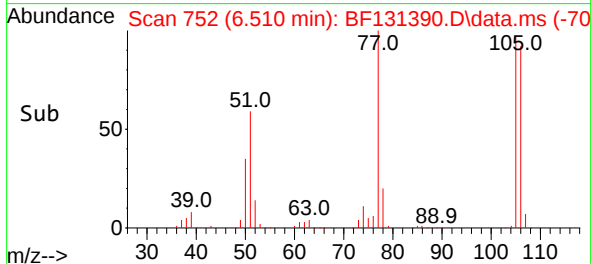
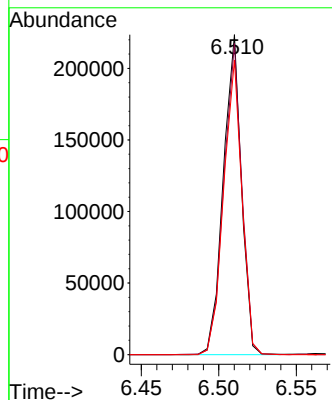
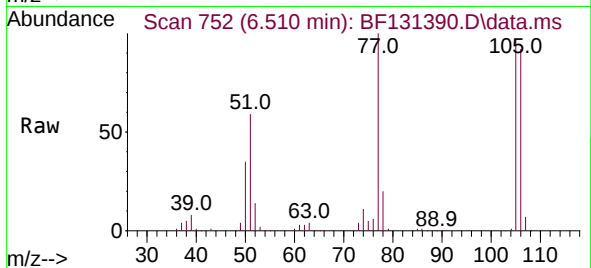
#9
Benzaldehyde
Concen: 39.804 ng
RT: 6.510 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB149192BS

Tgt Ion: 77 Resp: 182032
Ion Ratio Lower Upper
77 100
105 97.2 74.5 114.5
106 92.1 68.1 108.1

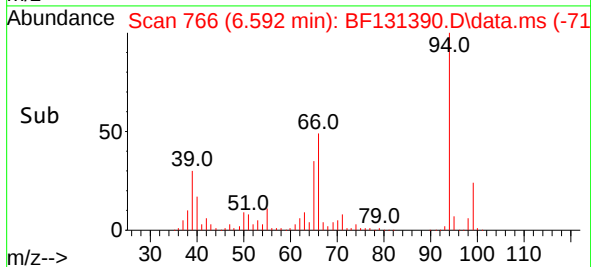
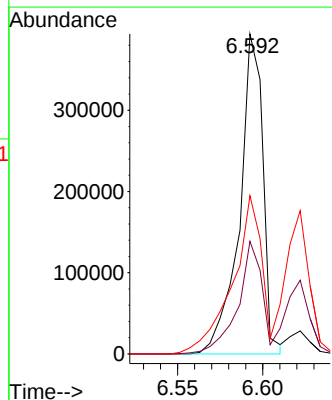
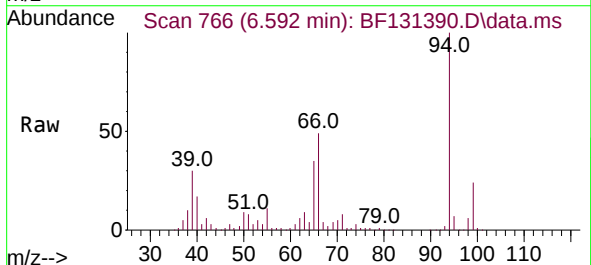
Manual Integrations
APPROVED

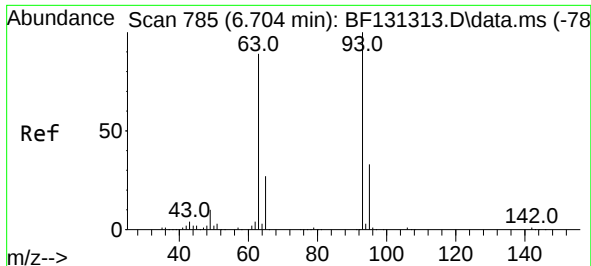
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#10
Phenol
Concen: 45.298 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion: 94 Resp: 373287
Ion Ratio Lower Upper
94 100
65 35.2 15.0 55.0
66 49.4 28.6 68.6





#11

bis(2-Chloroethyl)ether

Concen: 41.266 ng

RT: 6.692 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

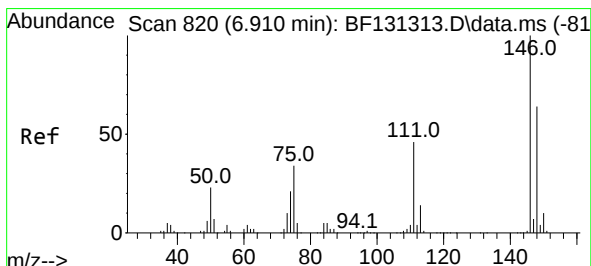
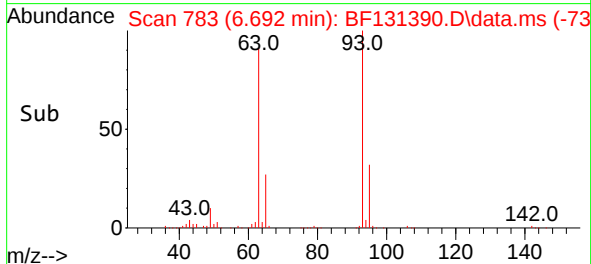
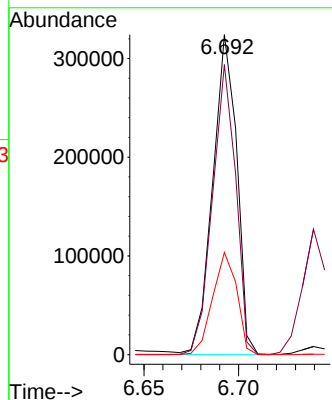
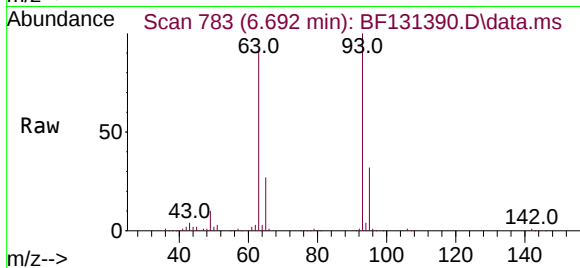
PB149192BS

Tgt Ion:	93	Resp:	284915
Ion Ratio	Lower	Upper	
93	100		
63	90.6	68.6	108.6
95	31.9	13.1	53.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#12

1,3-Dichlorobenzene

Concen: 39.847 ng

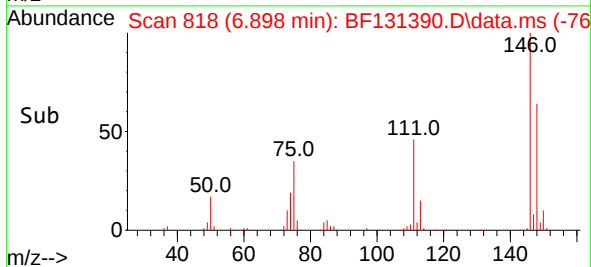
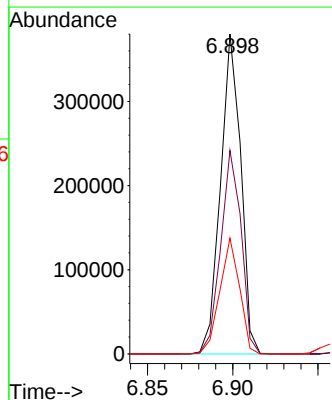
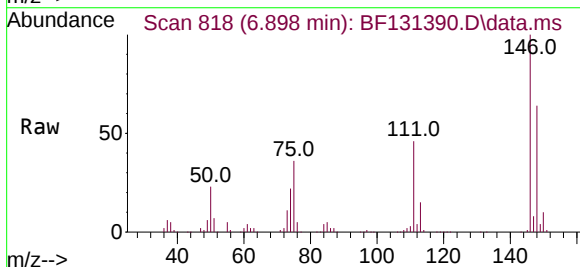
RT: 6.898 min Scan# 818

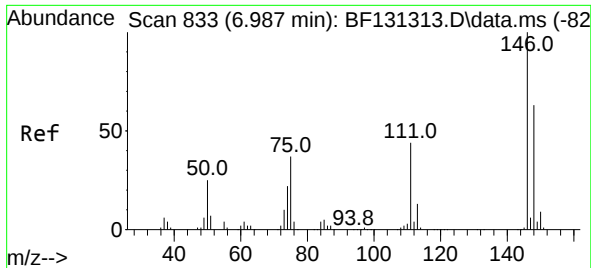
Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

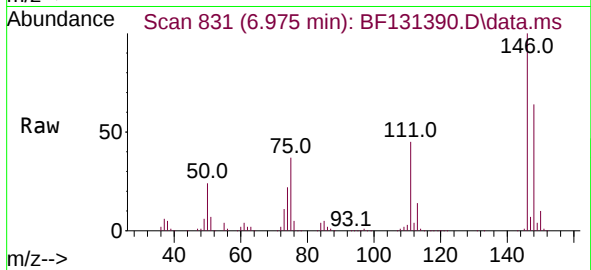
Tgt Ion:	146	Resp:	313426
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.2
75	36.2	27.6	41.4





#13
1,4-Dichlorobenzene
Concen: 39.963 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

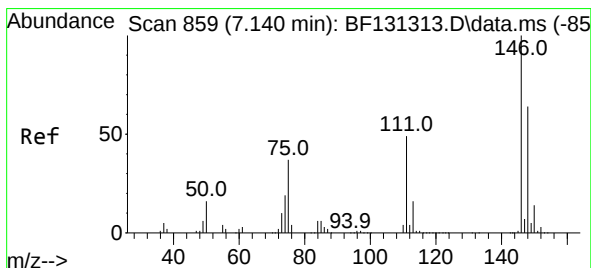
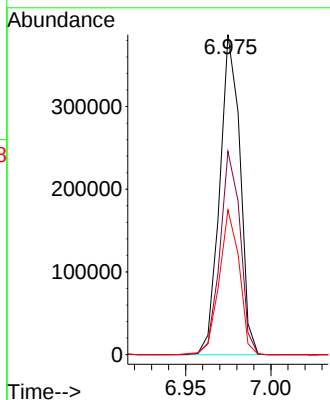
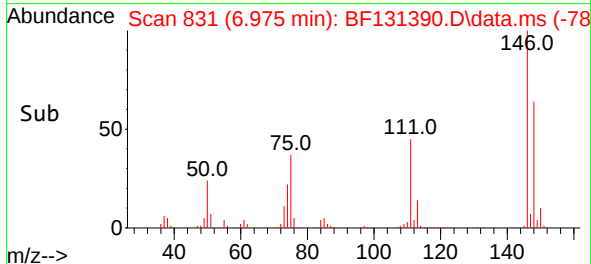
Instrument :
BNA_F
ClientSampleId :
PB149192BS



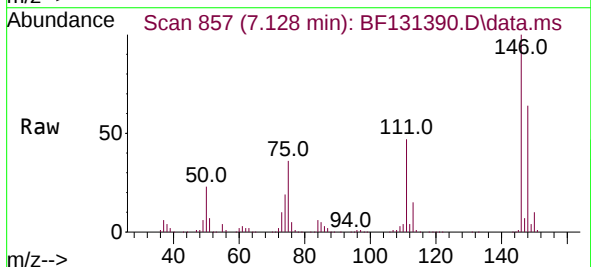
Tgt Ion:146 Resp: 319402
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 45.2 35.0 52.6

Manual Integrations
APPROVED

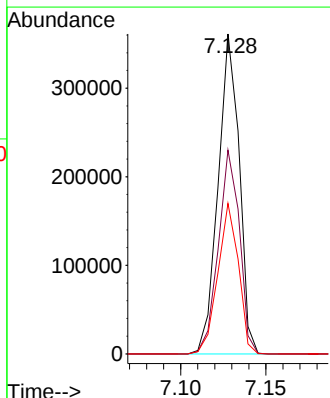
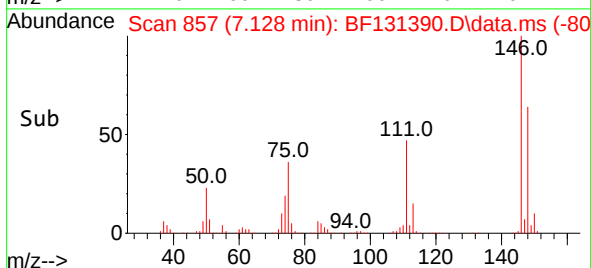
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

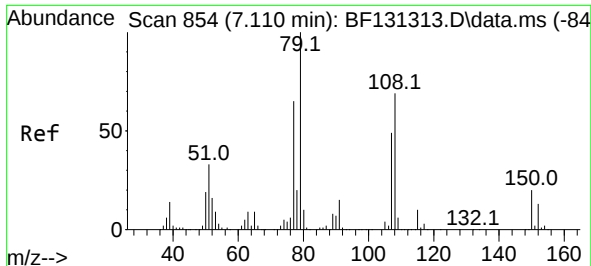


#14
1,2-Dichlorobenzene
Concen: 42.192 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



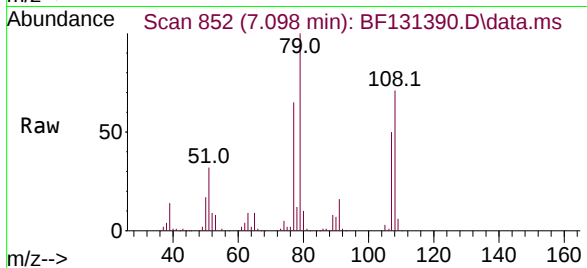
Tgt Ion:146 Resp: 310495
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.0
111 47.0 39.4 59.0





#15
Benzyl Alcohol
Concen: 46.836 ng
RT: 7.098 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

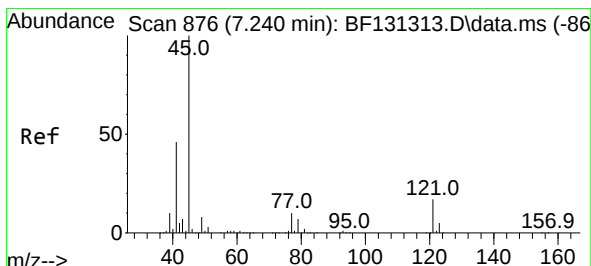
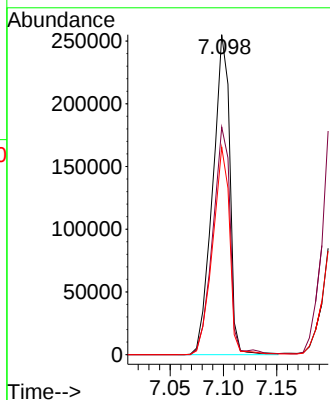
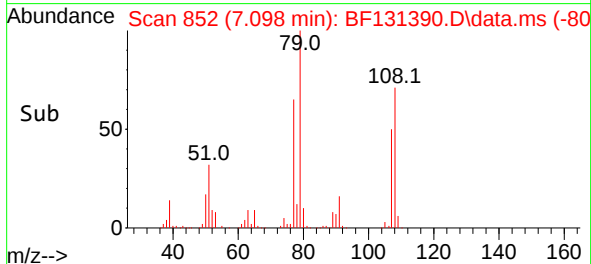
Instrument :
BNA_F
ClientSampleId :
PB149192BS



Tgt Ion: 79 Resp: 285432
Ion Ratio Lower Upper
79 100
108 71.1 55.1 82.7
77 64.8 51.8 77.8

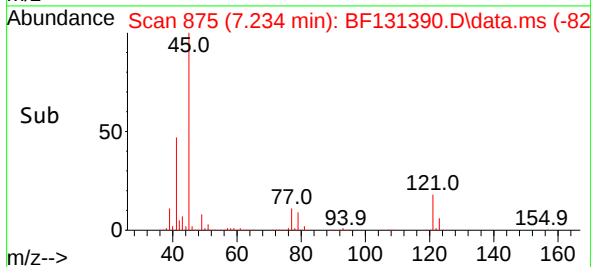
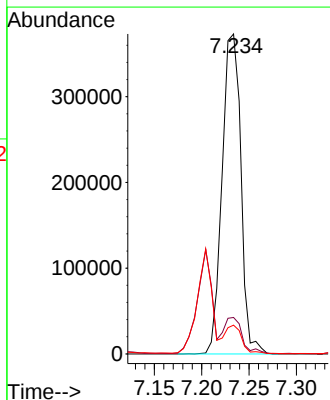
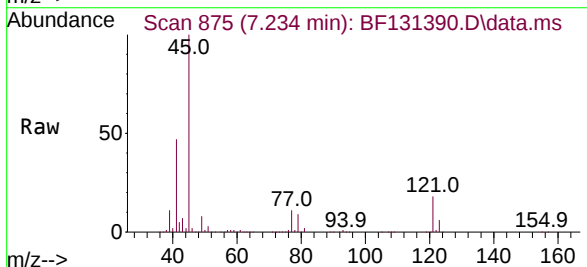
Manual Integrations
APPROVED

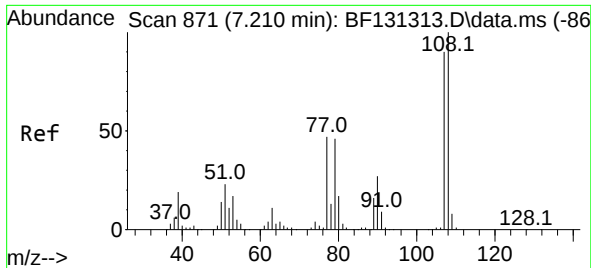
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.898 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

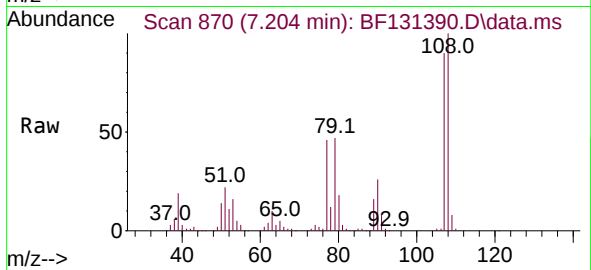
Tgt Ion: 45 Resp: 513615
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 9.0 0.0 28.4





#17
2-Methylphenol
Concen: 44.269 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

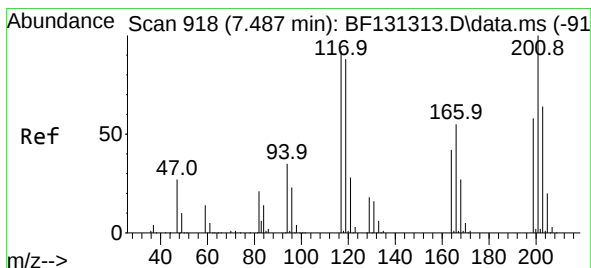
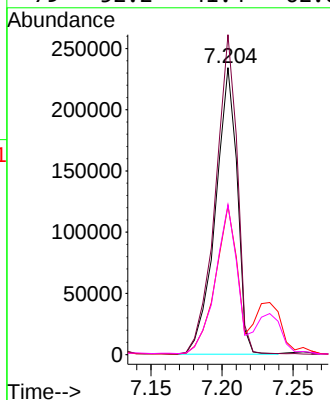
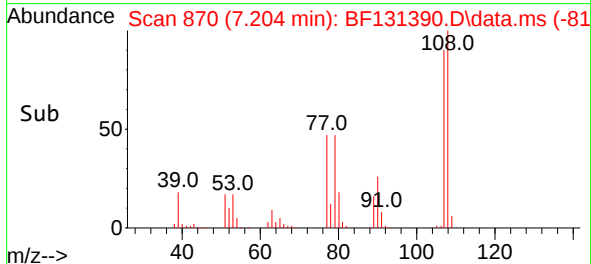
Instrument :
BNA_F
ClientSampleId :
PB149192BS



Tgt Ion:107 Resp: 249015
Ion Ratio Lower Upper
107 100
108 111.5 89.0 133.6
77 51.8 42.5 63.7
79 52.2 41.4 62.0

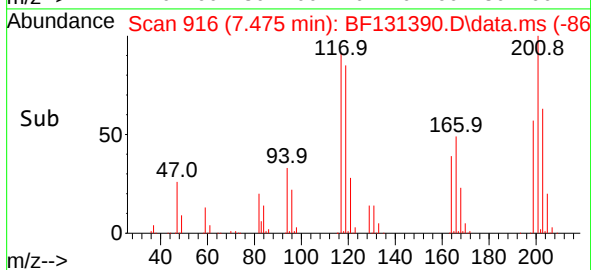
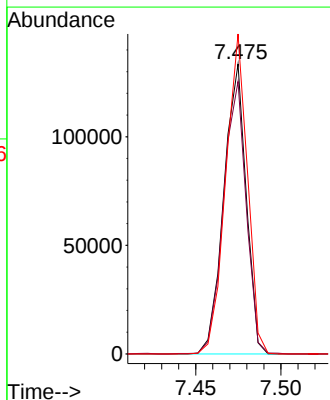
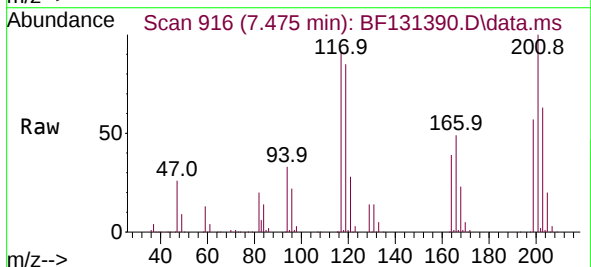
Manual Integrations
APPROVED

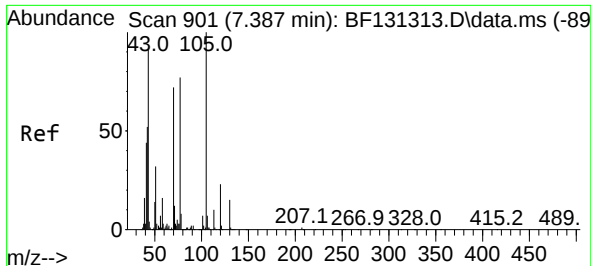
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#18
Hexachloroethane
Concen: 42.564 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

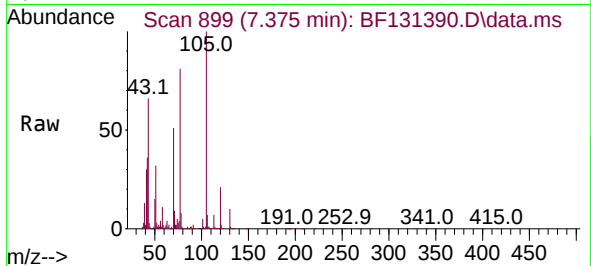
Tgt Ion:117 Resp: 121694
Ion Ratio Lower Upper
117 100
119 94.0 76.6 115.0
201 110.4 87.0 130.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.001 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

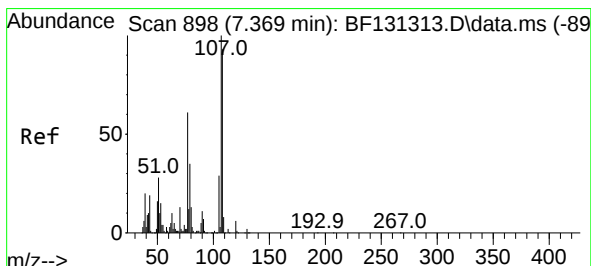
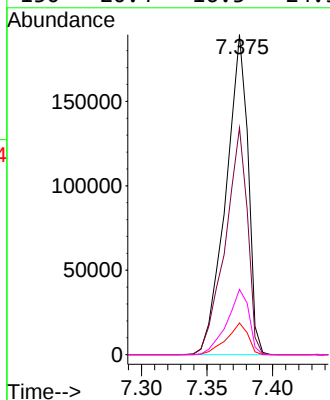
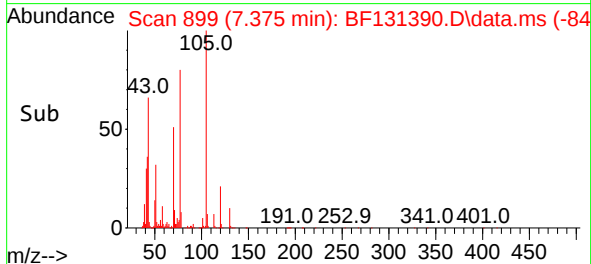
Instrument :
BNA_F
ClientSampleId :
PB149192BS



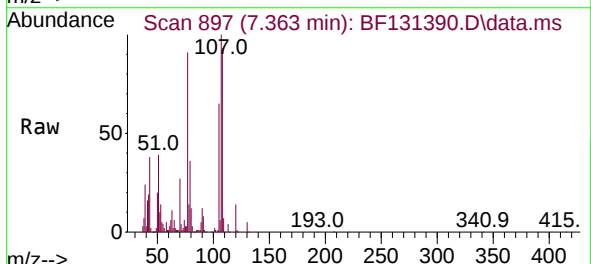
Tgt Ion: 70 Resp: 223092
Ion Ratio Lower Upper
70 100
42 70.9 57.6 86.4
101 9.9 8.2 12.2
130 20.4 16.3 24.5

Manual Integrations
APPROVED

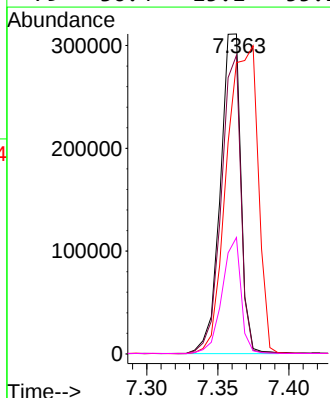
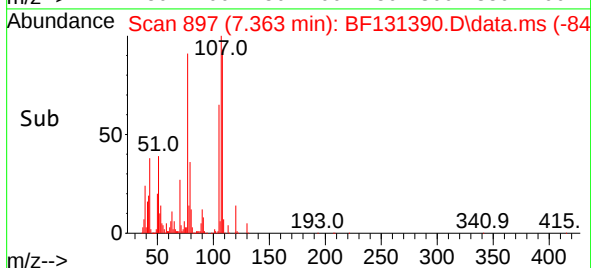
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

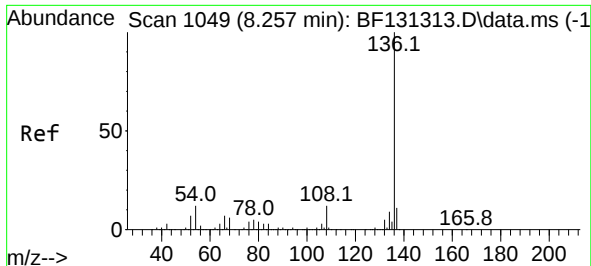


#20
3+4-Methylphenols
Concen: 43.627 ng m
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:107 Resp: 313338
Ion Ratio Lower Upper
107 100
108 93.3 72.6 112.6
77 91.0 41.4 81.4#
79 36.4 15.1 55.1





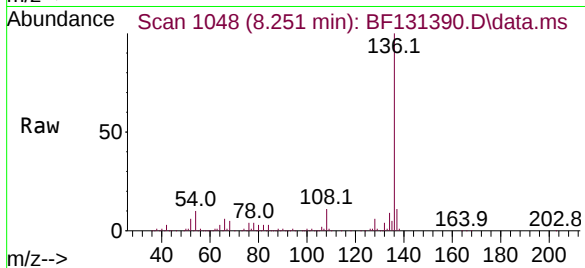
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB149192BS

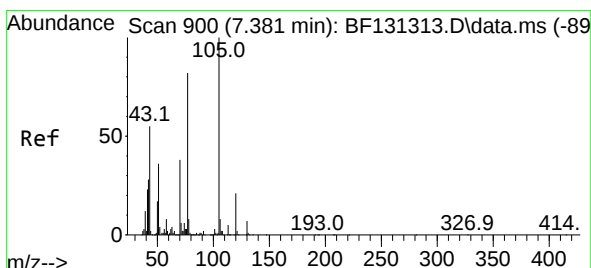
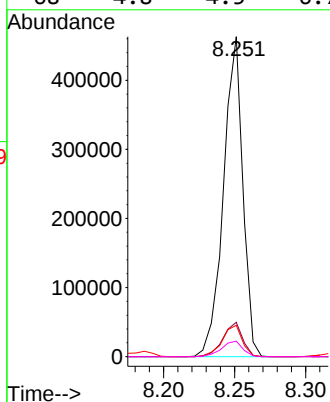
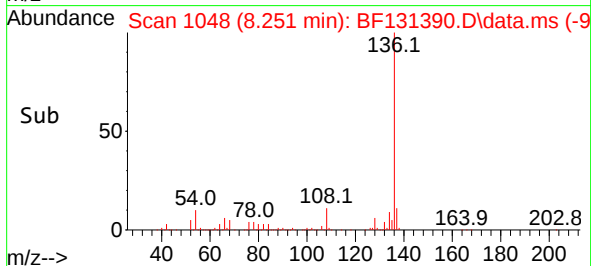


Tgt Ion:136 Resp: 438902
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.8 9.4 14.0
68 4.8 4.5 6.7

Manual Integrations

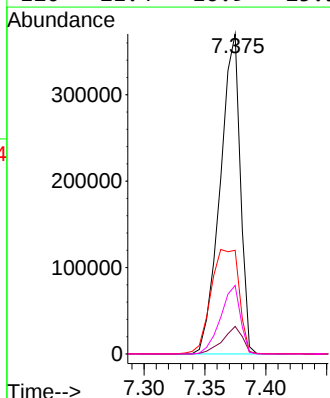
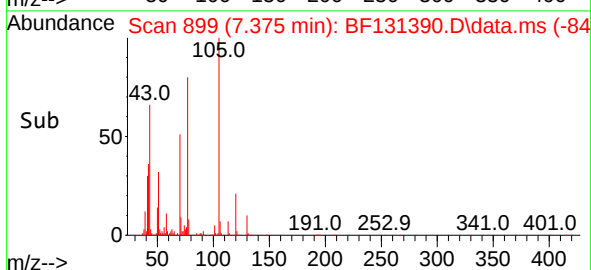
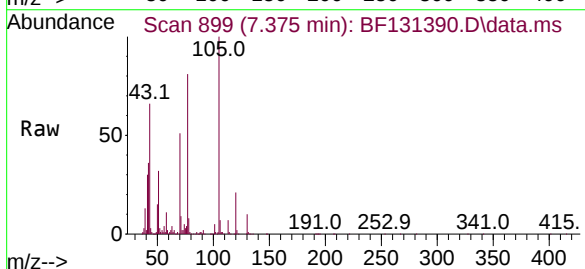
APPROVED

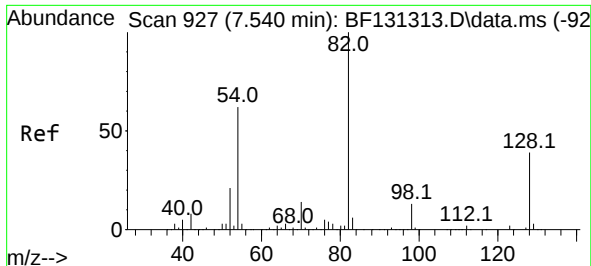
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#22
Acetophenone
Concen: 38.066 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

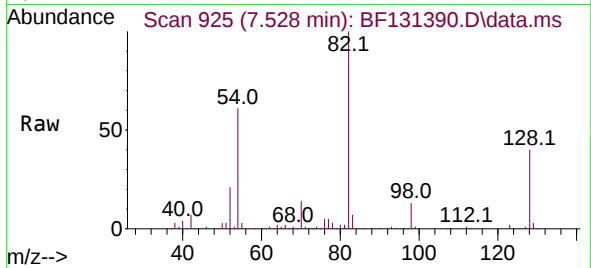
Tgt Ion:105 Resp: 425268
Ion Ratio Lower Upper
105 100
71 8.6 4.9 7.3#
51 32.4 29.0 43.4
120 21.4 16.9 25.3





#23
Nitrobenzene-d5
Concen: 73.718 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

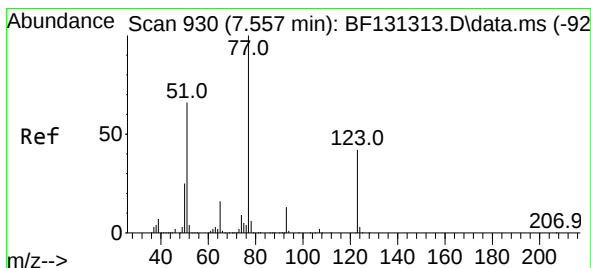
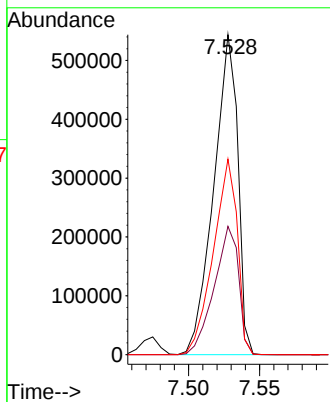
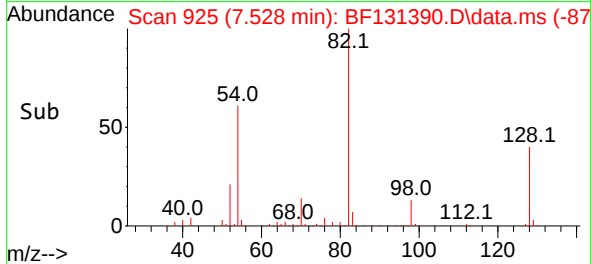
Instrument :
BNA_F
ClientSampleId :
PB149192BS



Tgt Ion: 82 Resp: 641856
Ion Ratio Lower Upper
82 100
128 40.1 31.4 47.0
54 61.1 49.8 74.6

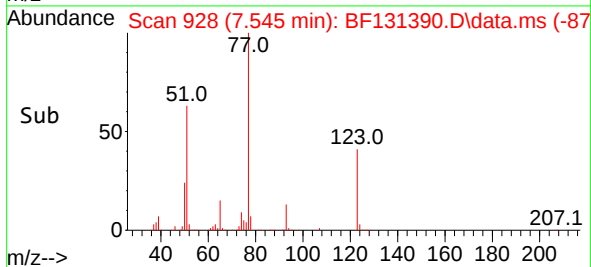
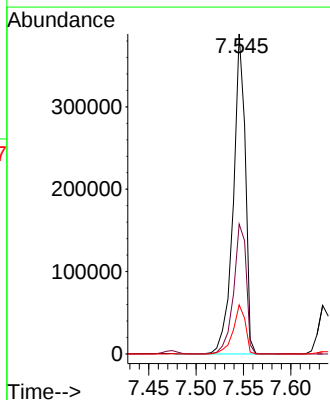
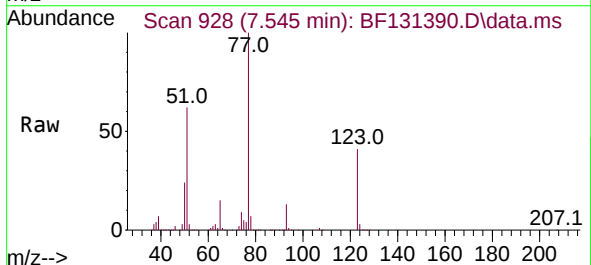
Manual Integrations
APPROVED

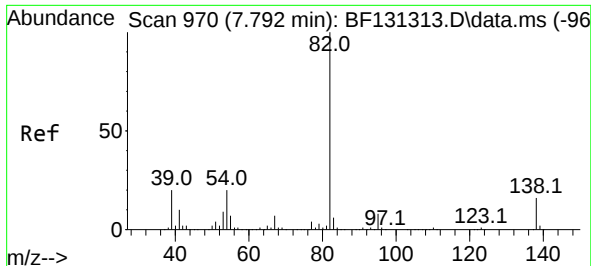
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#24
Nitrobenzene
Concen: 37.970 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion: 77 Resp: 344445
Ion Ratio Lower Upper
77 100
123 40.6 33.3 49.9
65 15.3 12.7 19.1





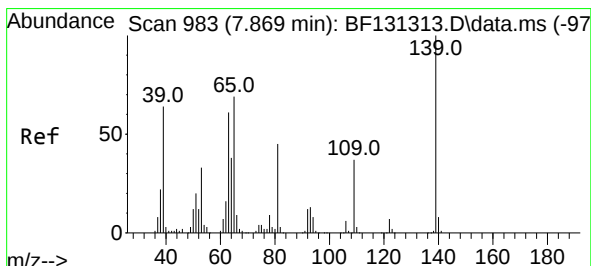
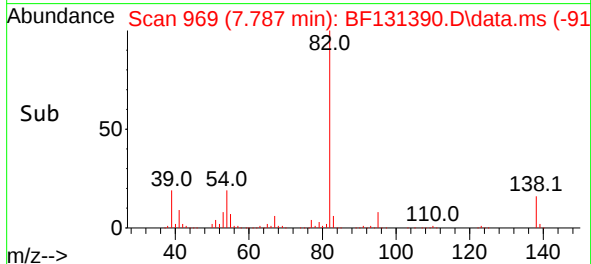
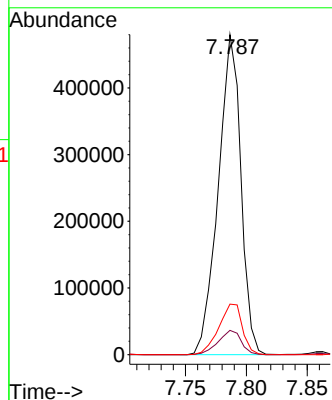
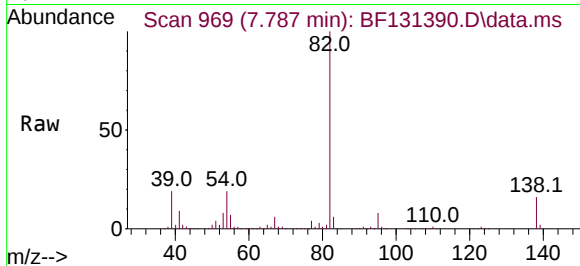
#25
Isophorone
Concen: 39.955 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB149192BS

Tgt Ion: 82 Resp: 620662
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 15.8 12.7 19.1

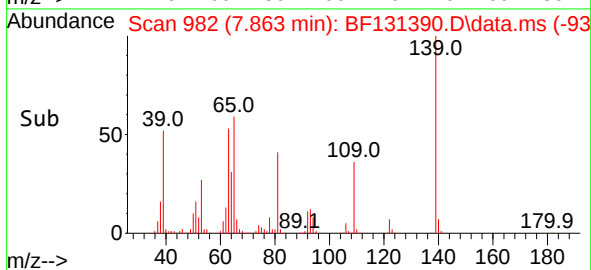
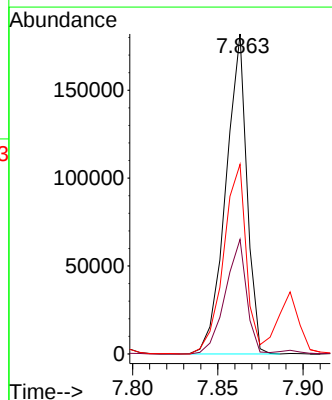
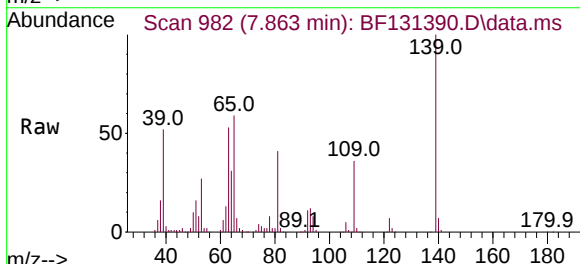
Manual Integrations
APPROVED

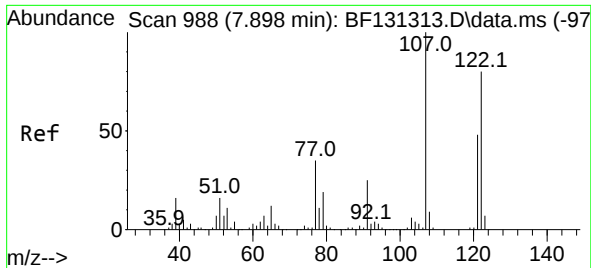
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#26
2-Nitrophenol
Concen: 51.954 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion:139 Resp: 156714
Ion Ratio Lower Upper
139 100
109 35.8 29.9 44.9
65 59.2 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 46.049 ng

RT: 7.892 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

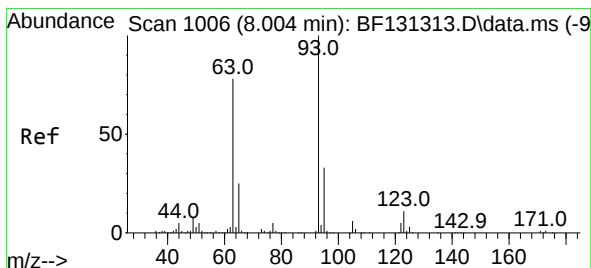
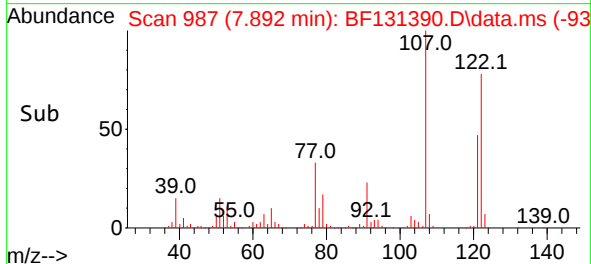
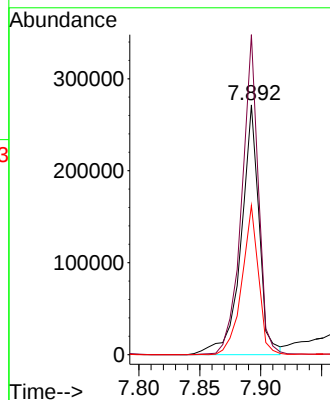
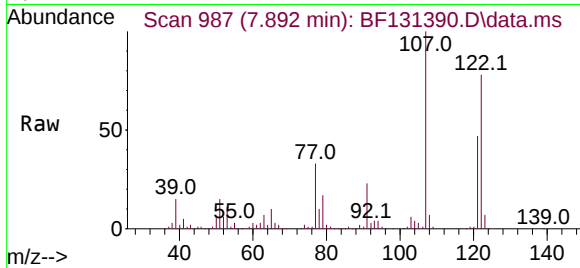
PB149192BS

Tgt Ion:122 Resp: 277309
 Ion Ratio Lower Upper
 122 100
 107 128.1 99.9 149.9
 121 59.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.182 ng

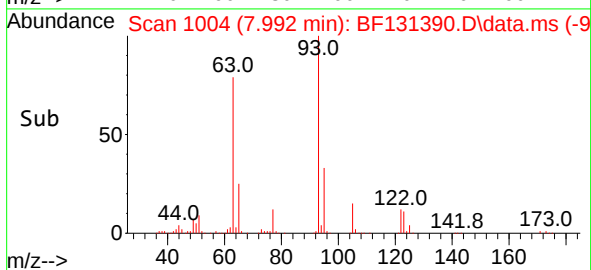
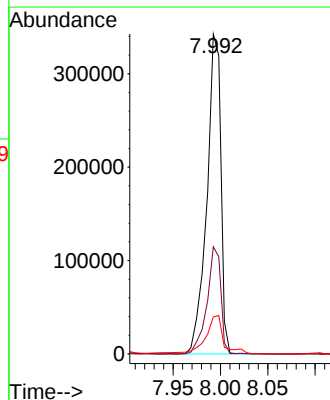
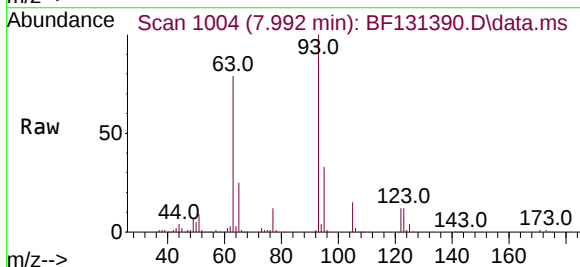
RT: 7.992 min Scan# 1004

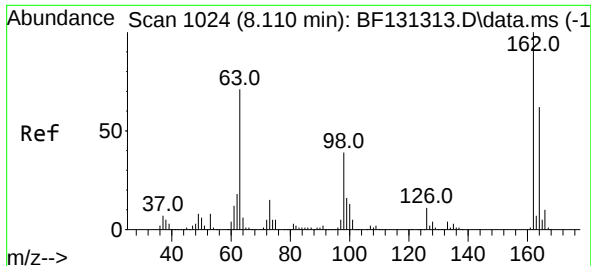
Delta R.T. -0.006 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Tgt Ion: 93 Resp: 354518
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 40.875 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

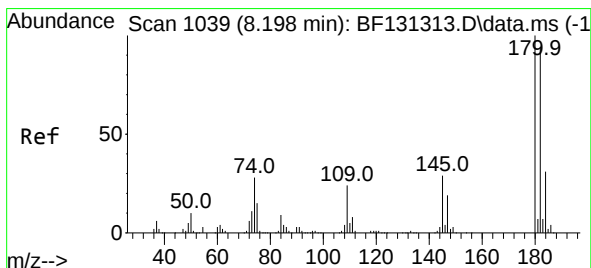
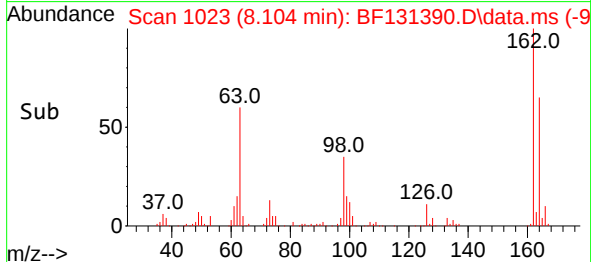
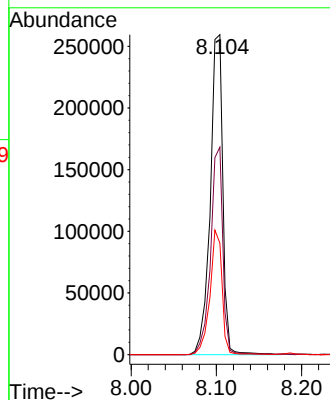
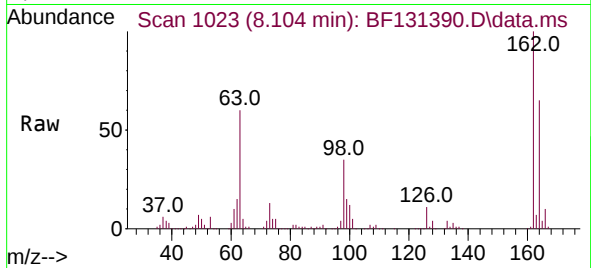
PB149192BS

Tgt Ion:162	Resp: 26700
Ion Ratio	Lower Upper
162 100	
164 64.8	42.2 82.2
98 34.8	18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 35.951 ng

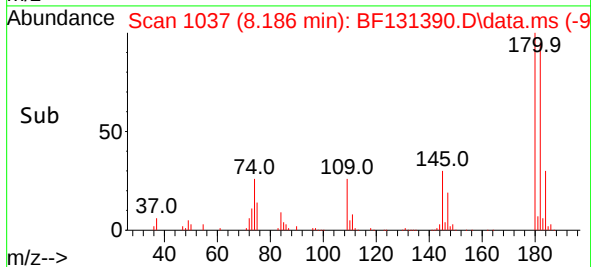
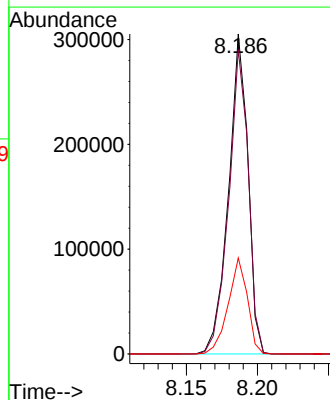
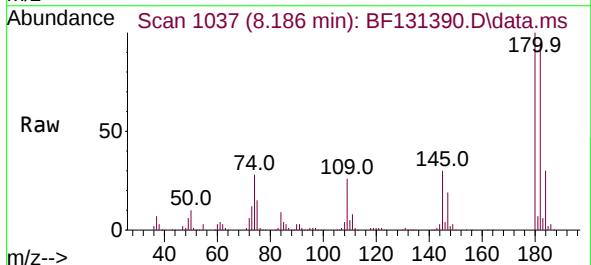
RT: 8.186 min Scan# 1037

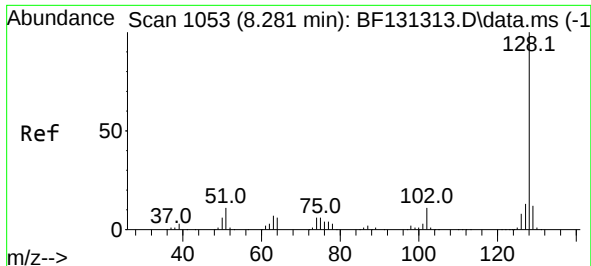
Delta R.T. -0.006 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

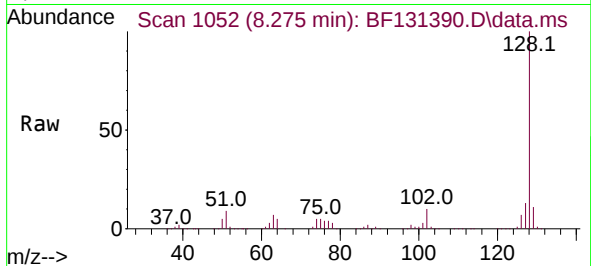
Tgt Ion:180	Resp: 290911
Ion Ratio	Lower Upper
180 100	
182 95.1	75.3 112.9
145 30.0	23.4 35.0





#31
Naphthalene
Concen: 36.244 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

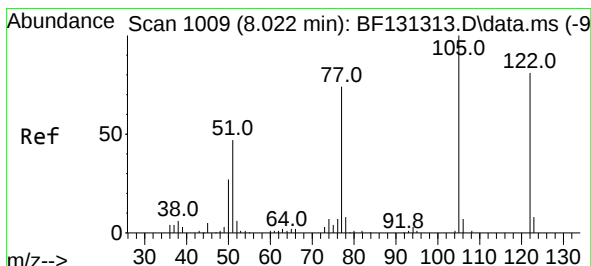
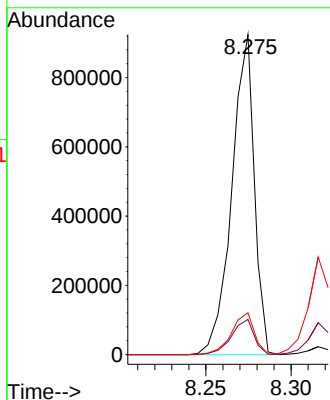
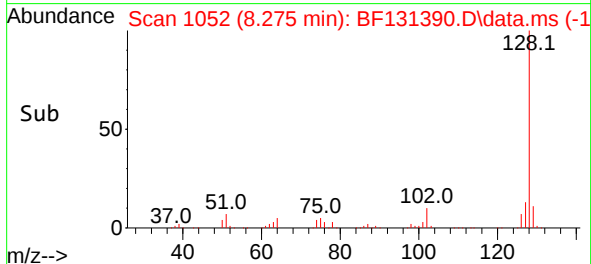
Instrument :
BNA_F
ClientSampleId :
PB149192BS



Tgt Ion:128 Resp: 847699
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.1 10.6 16.0

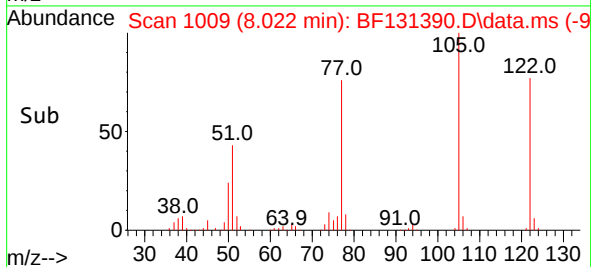
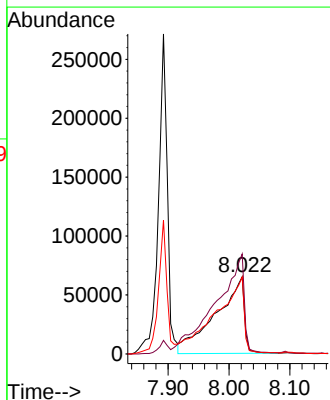
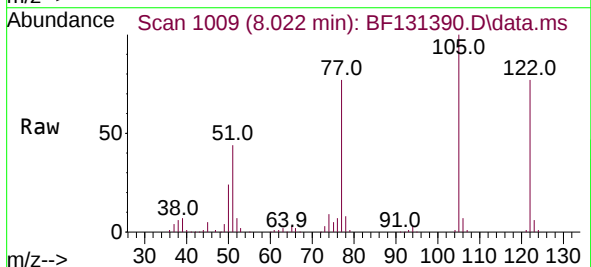
Manual Integrations
APPROVED

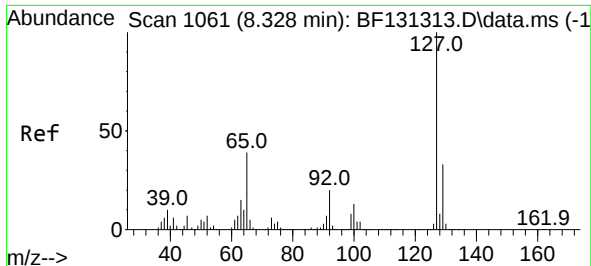
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#32
Benzoic acid
Concen: 53.339 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion:122 Resp: 209057
Ion Ratio Lower Upper
122 100
105 129.9 103.8 143.8
77 99.8 74.3 114.3





#33
4-Chloroaniline
Concen: 27.474 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

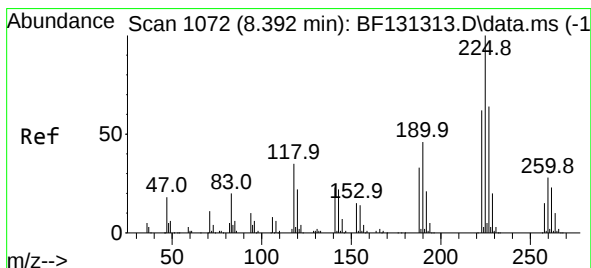
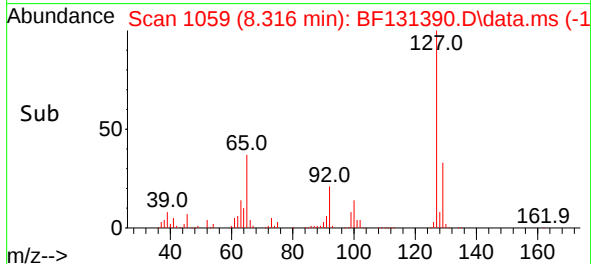
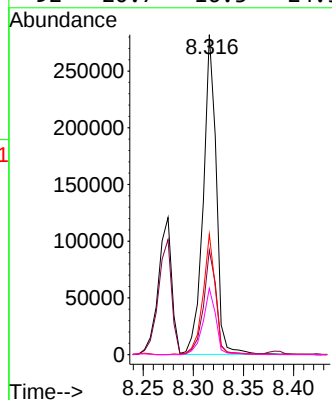
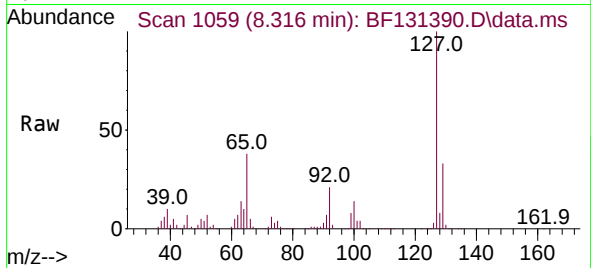
ClientSampleId :

PB149192BS

Tgt Ion:127 Resp: 253508
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 37.6 31.0 46.6
92 20.7 16.3 24.5

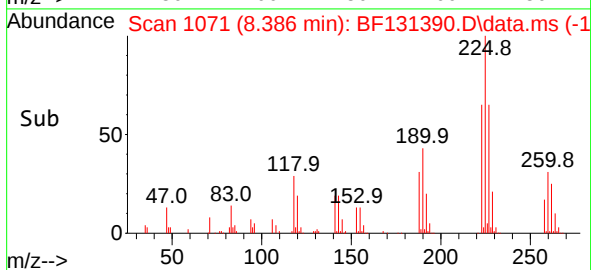
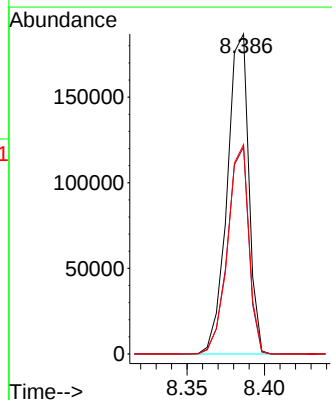
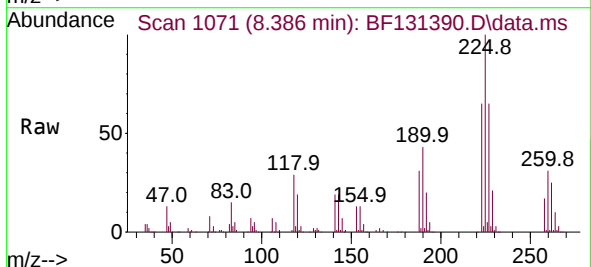
Manual Integrations
APPROVED

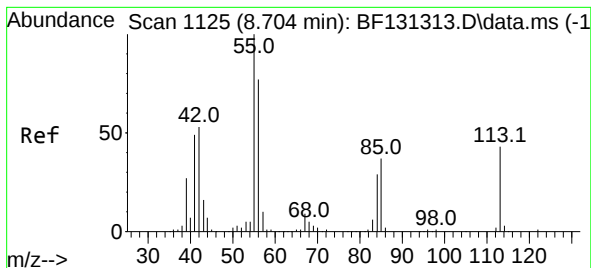
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#34
Hexachlorobutadiene
Concen: 34.588 ng
RT: 8.386 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion:225 Resp: 181234
Ion Ratio Lower Upper
225 100
223 64.6 49.4 74.0
227 65.5 51.1 76.7





#35

Caprolactam

Concen: 50.625 ng m

RT: 8.698 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

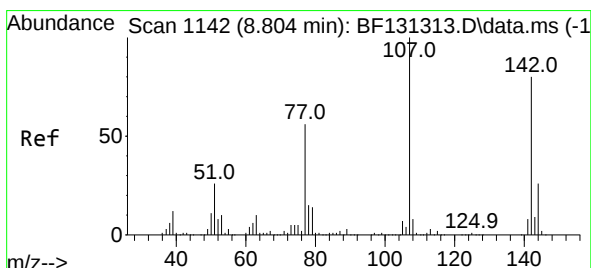
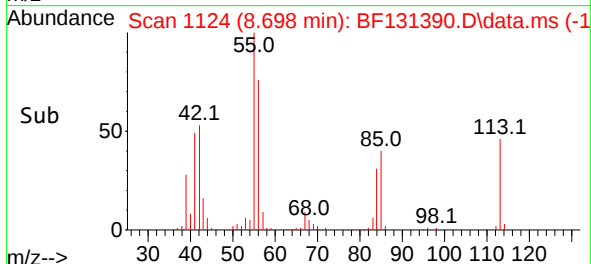
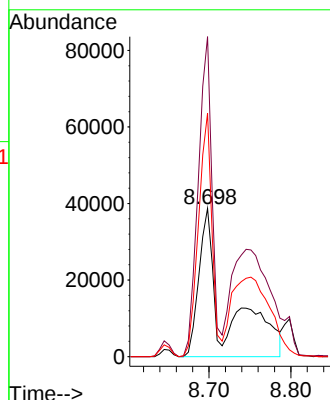
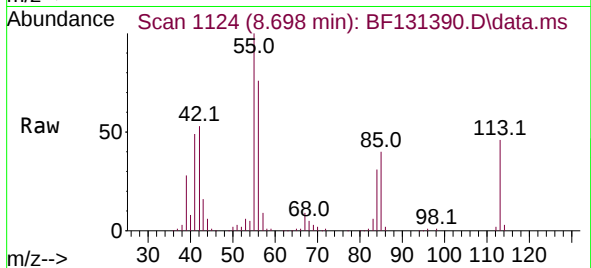
PB149192BS

Tgt Ion:113 Resp: 86898
 Ion Ratio Lower Upper
 113 100
 55 215.8 214.5 254.5
 56 164.2 159.4 199.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#36

4-Chloro-3-methylphenol

Concen: 43.087 ng

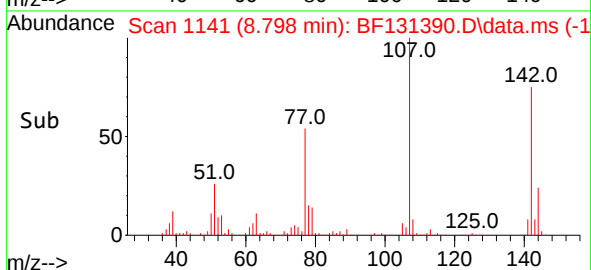
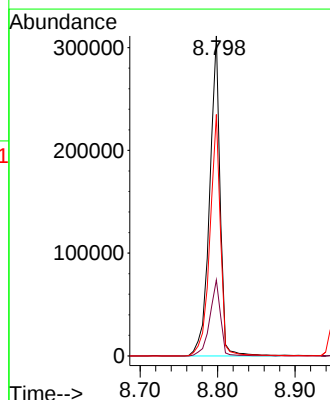
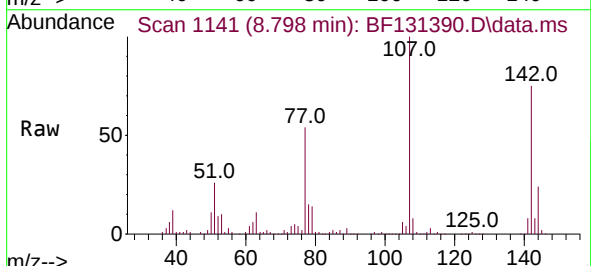
RT: 8.798 min Scan# 1141

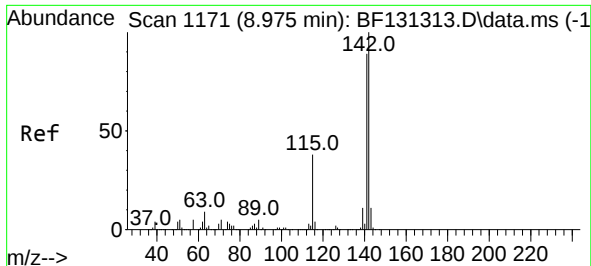
Delta R.T. 0.006 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Tgt Ion:107 Resp: 292404
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.9 31.3
 142 75.4 63.9 95.9





#37

2-Methylnaphthalene

Concen: 36.534 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB149192BS

Tgt Ion:142 Resp: 578970

Ion Ratio Lower Upper

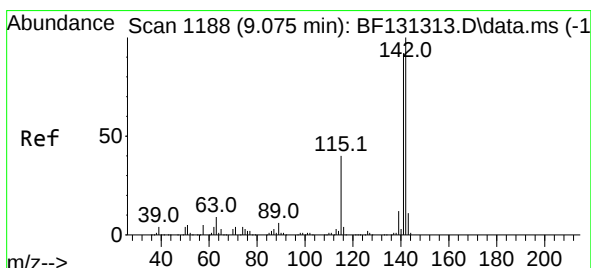
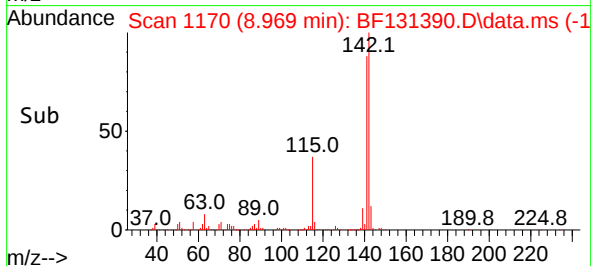
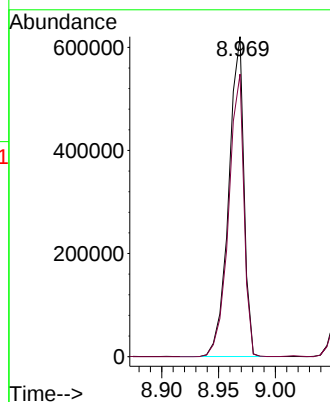
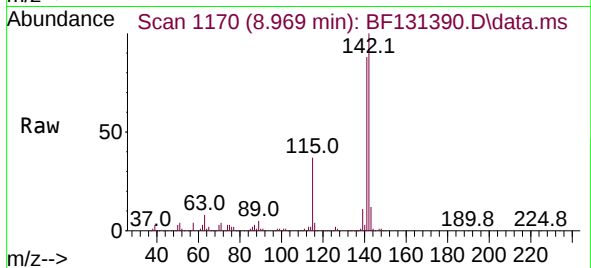
142 100

141 88.3 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#38

1-Methylnaphthalene

Concen: 35.379 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF131390.D

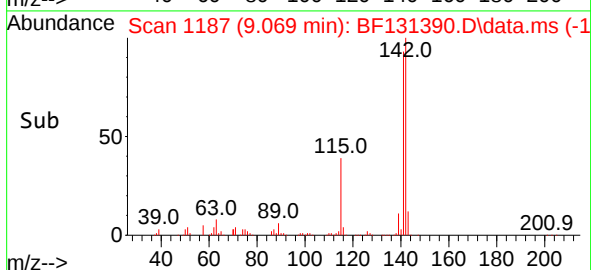
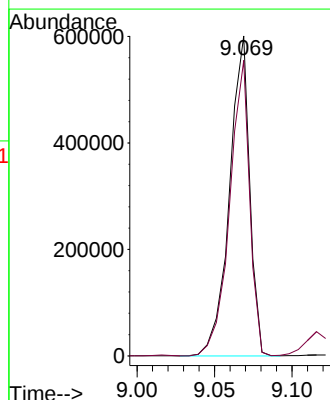
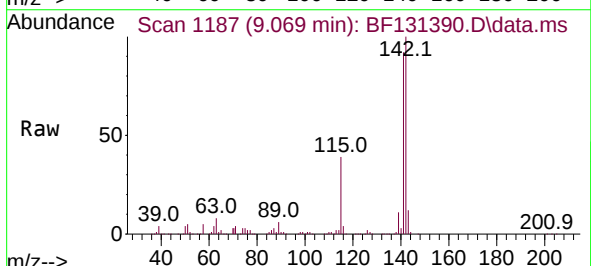
Acq: 25 Nov 2022 11:44

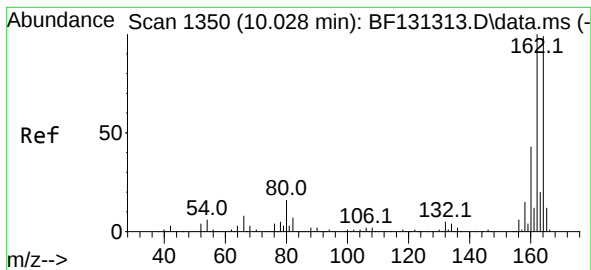
Tgt Ion:142 Resp: 543683

Ion Ratio Lower Upper

142 100

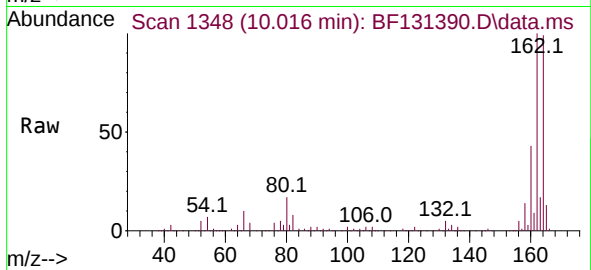
141 92.3 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

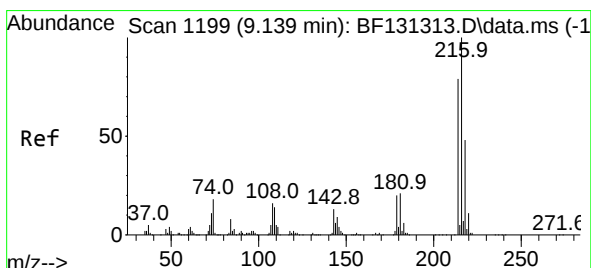
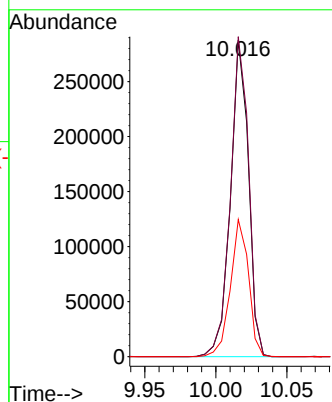
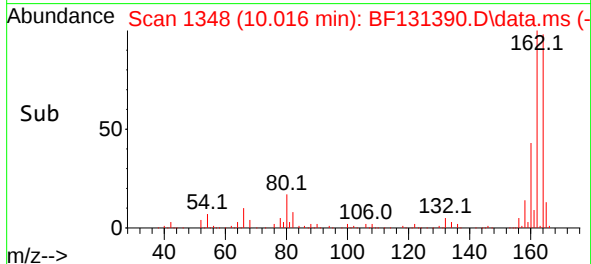
Instrument :
BNA_F
ClientSampleId :
PB149192BS



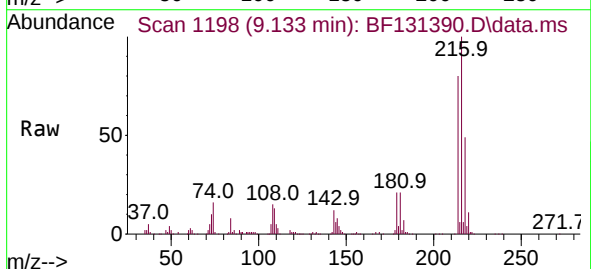
Tgt Ion:164 Resp: 253182
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 43.3 34.4 51.6

Manual Integrations
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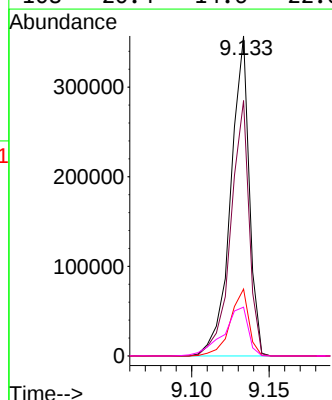
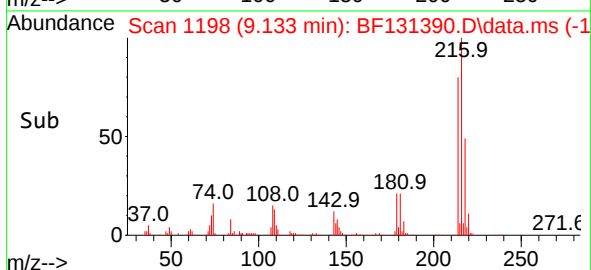
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

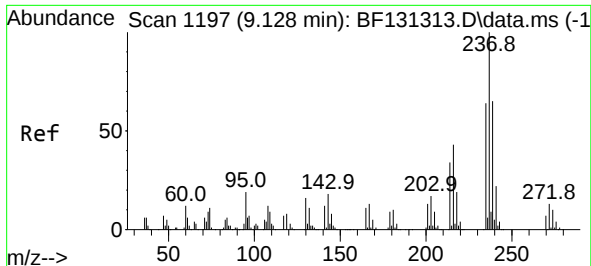


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.241 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



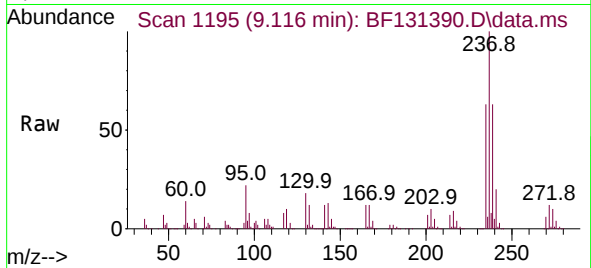
Tgt Ion:216 Resp: 297757
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 20.8 16.2 24.4
108 20.4 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 99.621 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

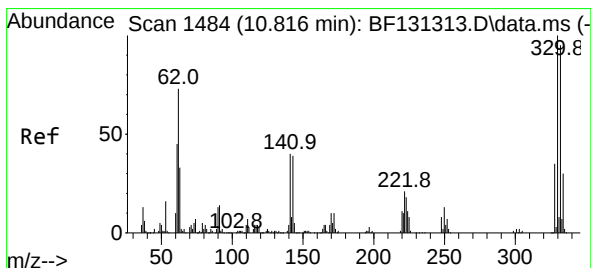
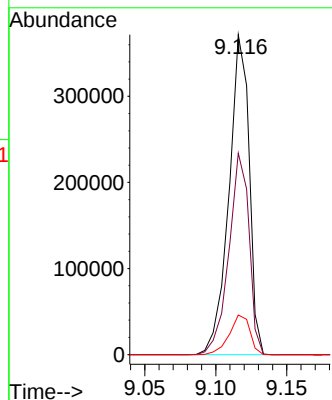
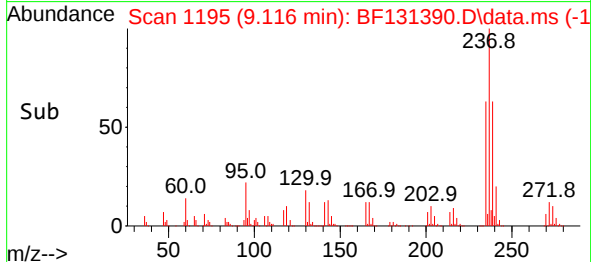
Instrument :
BNA_F
ClientSampleId :
PB149192BS



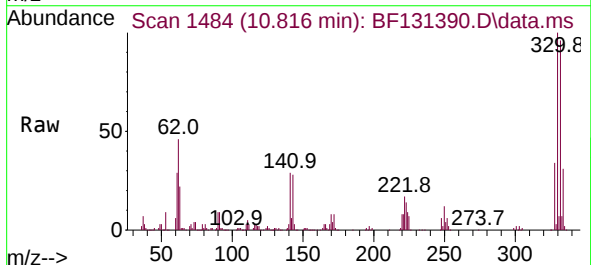
Tgt Ion:237 Resp: 367948
Ion Ratio Lower Upper
237 100
235 63.0 44.2 84.2
272 12.4 0.0 33.4

Manual Integrations
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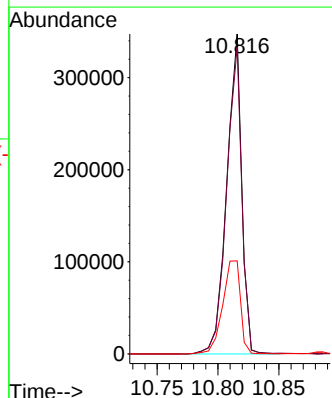
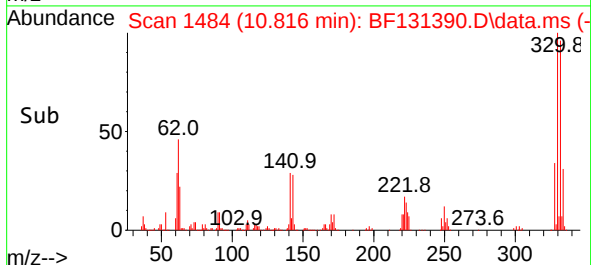
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

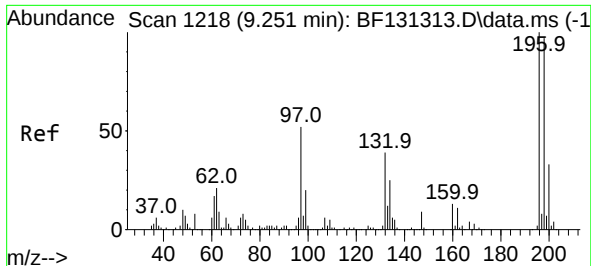


#42
2,4,6-Tribromophenol
Concen: 140.081 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:330 Resp: 298379
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 34.5 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 44.360 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB149192BS

Tgt Ion:196 Resp: 20675

Ion Ratio Lower Upper

196 100

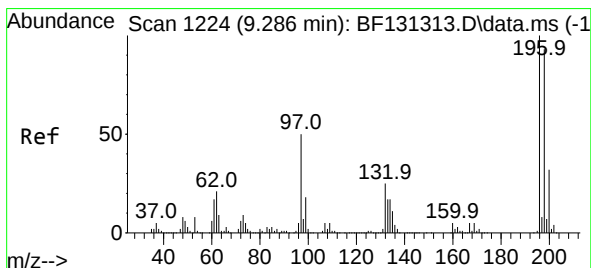
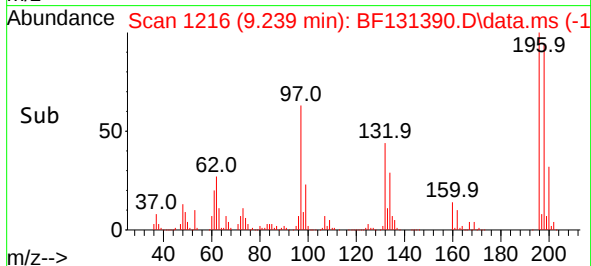
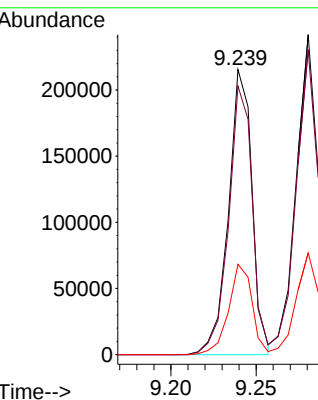
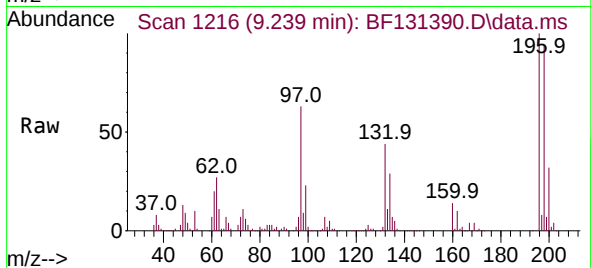
198 94.2 77.4 116.0

200 31.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#44

2,4,5-Trichlorophenol

Concen: 41.533 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Tgt Ion:196 Resp: 217676

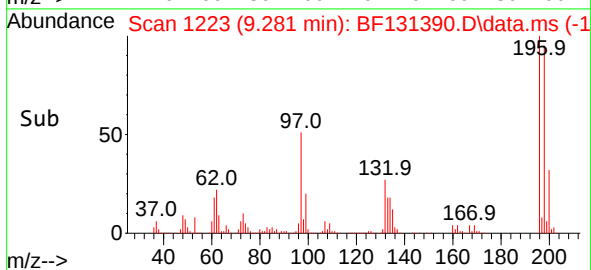
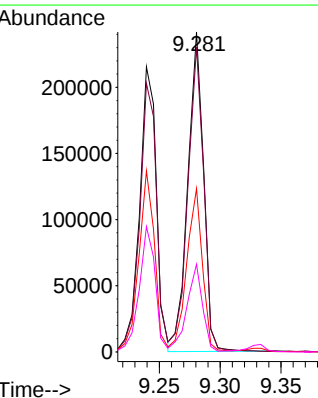
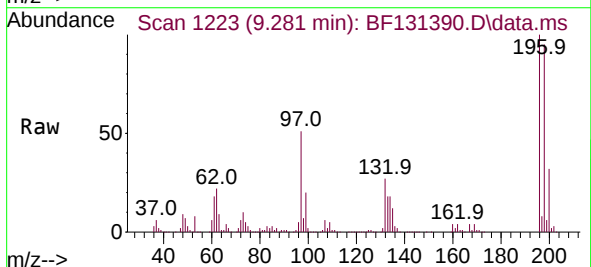
Ion Ratio Lower Upper

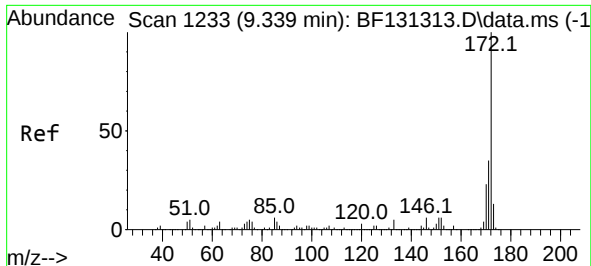
196 100

198 95.3 75.0 112.4

97 51.0 40.3 60.5

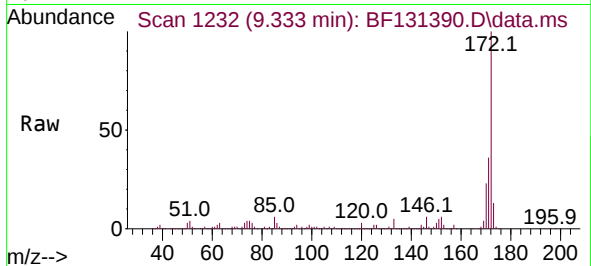
132 27.4 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 68.103 ng
RT: 9.333 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

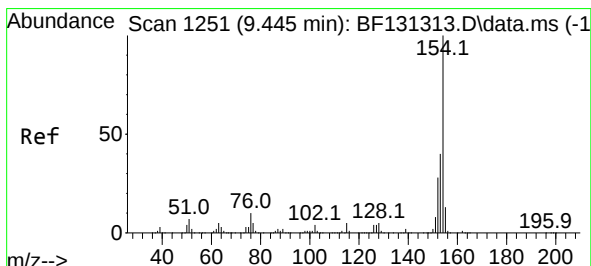
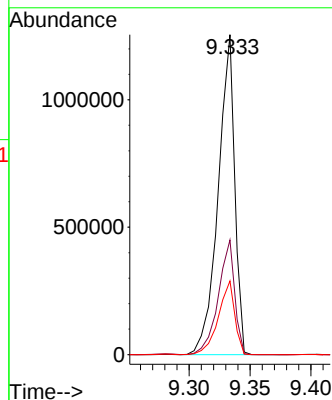
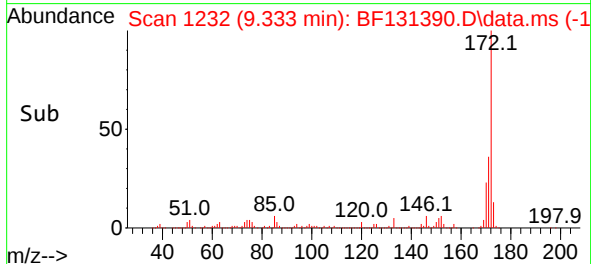
Instrument :
BNA_F
ClientSampleId :
PB149192BS



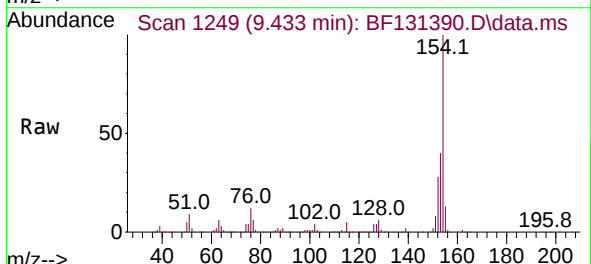
Tgt Ion:172 Resp: 1185195
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.0 18.7 28.1

Manual Integrations
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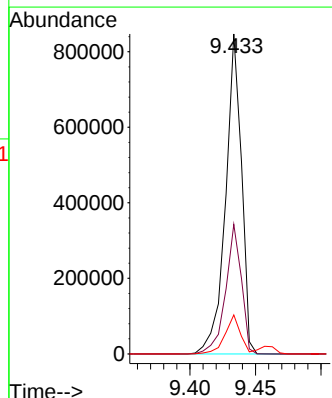
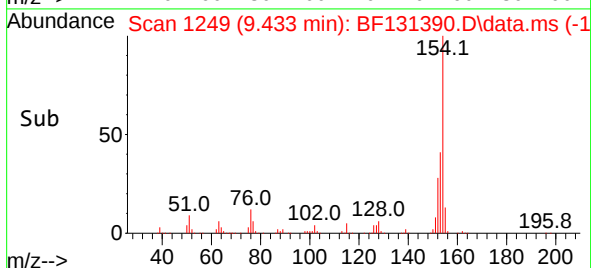
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

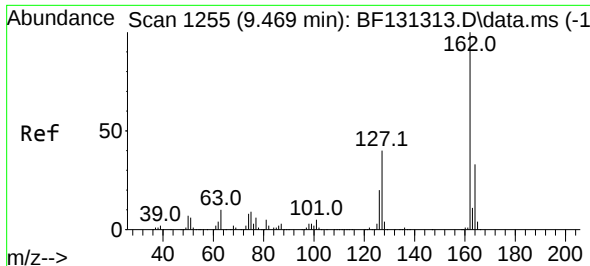


#46
1,1'-Biphenyl
Concen: 36.969 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:154 Resp: 714266
Ion Ratio Lower Upper
154 100
153 40.5 19.8 59.8
76 12.2 0.0 30.2





#47

2-Chloronaphthalene

Concen: 36.700 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

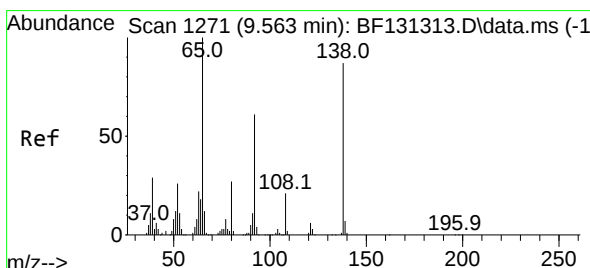
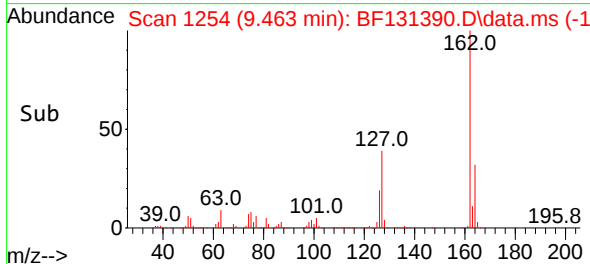
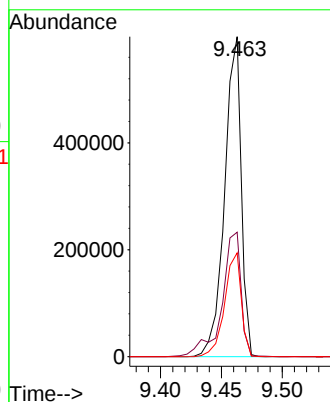
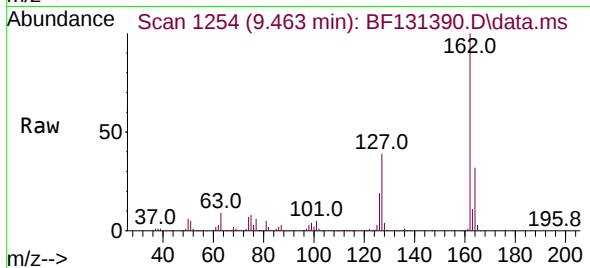
PB149192BS

Tgt Ion:162 Resp: 568816
 Ion Ratio Lower Upper
 162 100
 127 38.9 32.1 48.1
 164 32.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#48

2-Nitroaniline

Concen: 44.556 ng

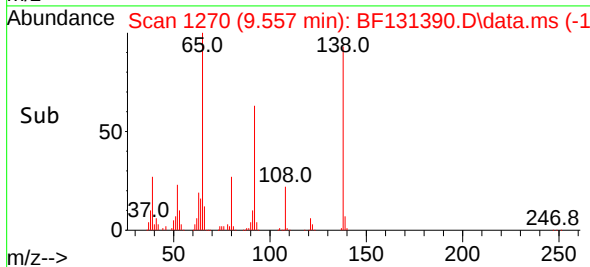
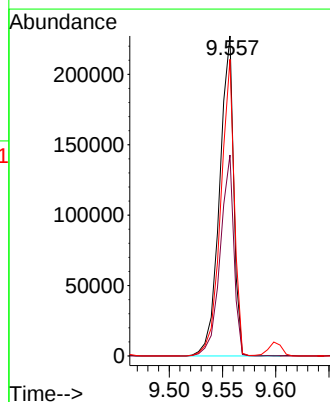
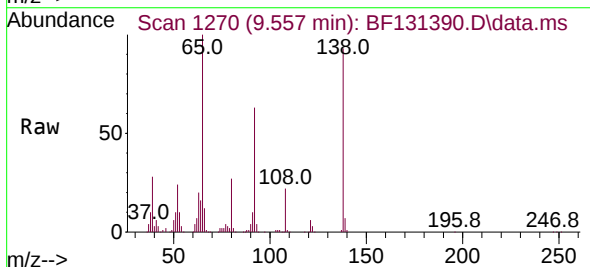
RT: 9.557 min Scan# 1270

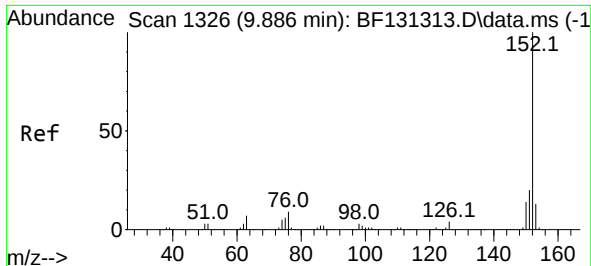
Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Tgt Ion: 65 Resp: 209676
 Ion Ratio Lower Upper
 65 100
 92 62.8 49.0 73.4
 138 92.7 69.4 104.2





#49

Acenaphthylene

Concen: 37.487 ng

RT: 9.880 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF131390.D

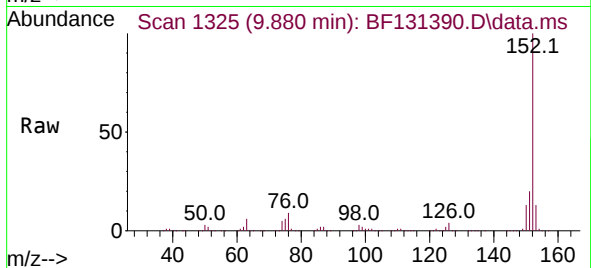
Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB149192BS



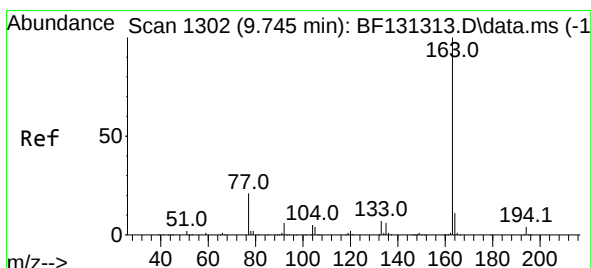
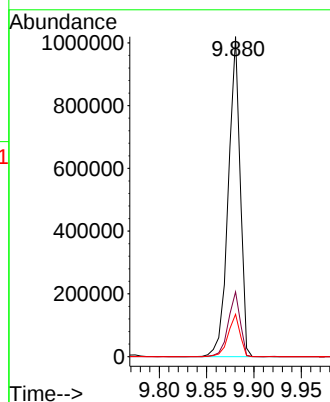
Tgt Ion:152 Resp: 885701

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.2	10.6	15.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#50

Dimethylphthalate

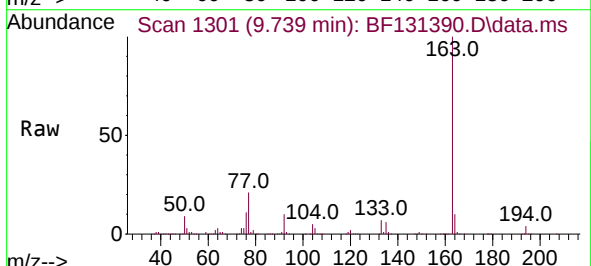
Concen: 38.295 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.000 min

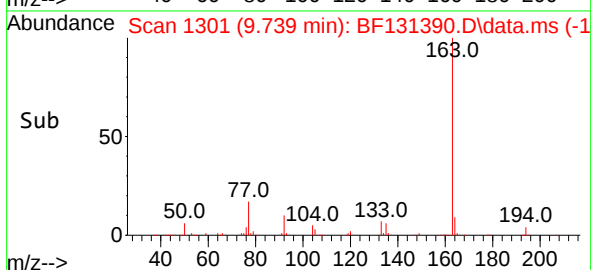
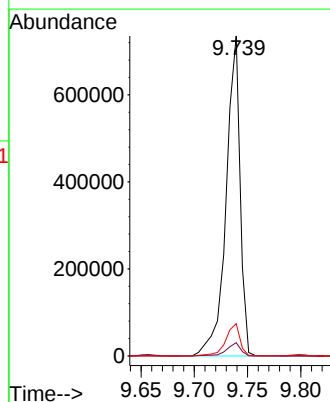
Lab File: BF131390.D

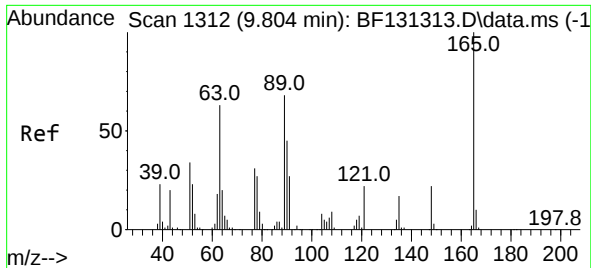
Acq: 25 Nov 2022 11:44



Tgt Ion:163 Resp: 675533

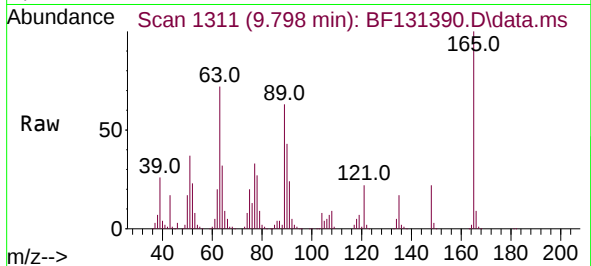
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.1	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 43.574 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

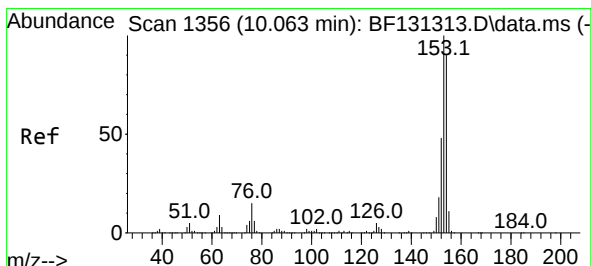
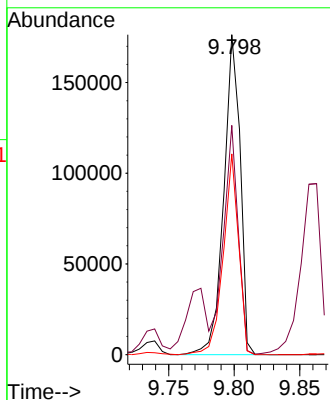
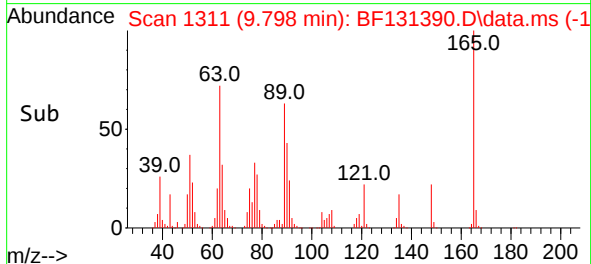
Instrument :
BNA_F
ClientSampleId :
PB149192BS



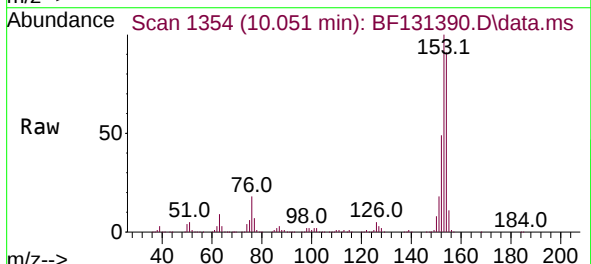
Tgt Ion:165 Resp: 153720
Ion Ratio Lower Upper
165 100
63 71.6 62.0 93.0
89 62.7 54.4 81.6

Manual Integrations
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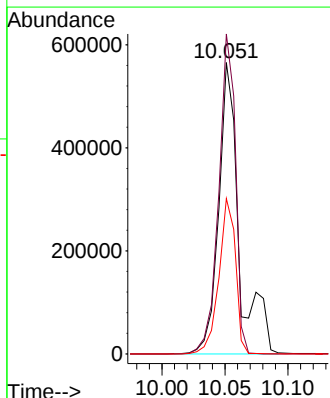
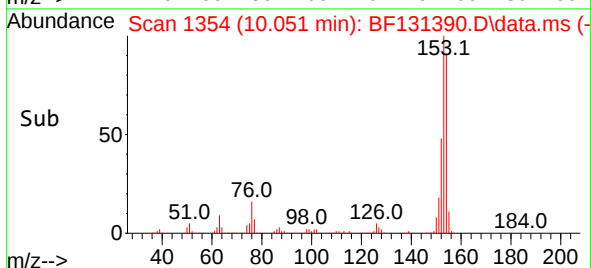
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

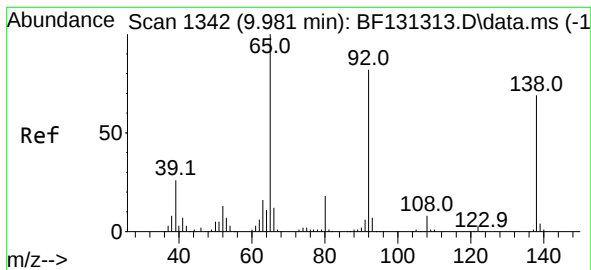


#52
Acenaphthene
Concen: 43.020 ng m
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:154 Resp: 636465
Ion Ratio Lower Upper
154 100
153 109.9 88.4 132.6
152 53.3 42.8 64.2





#53
3-Nitroaniline
Concen: 33.602 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

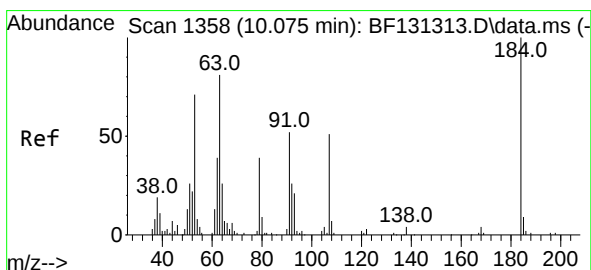
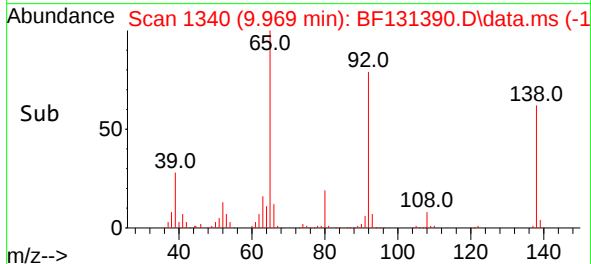
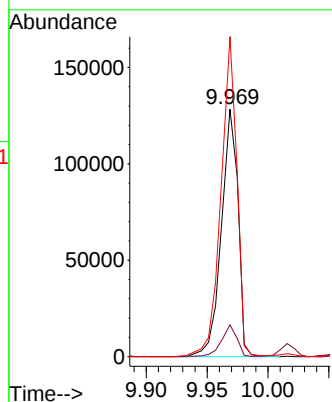
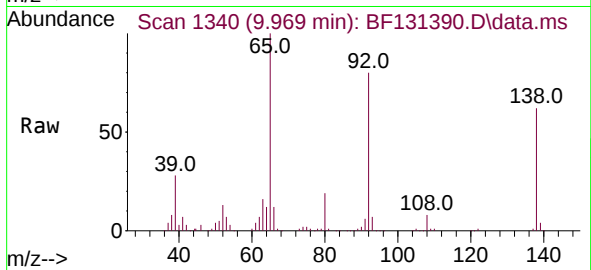
PB149192BS

Tgt Ion:138 Resp: 121807
Ion Ratio Lower Upper
138 100
108 12.8 8.9 13.3
92 129.3 95.3 142.9

Manual Integrations

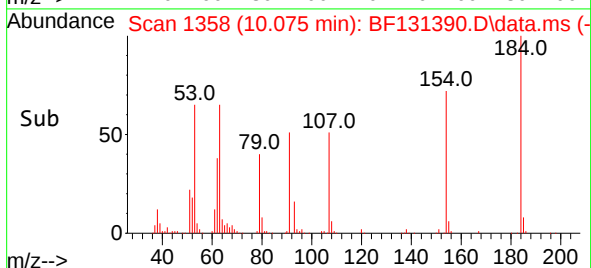
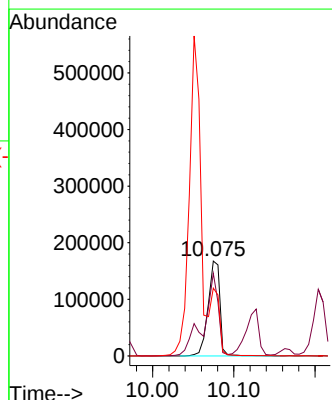
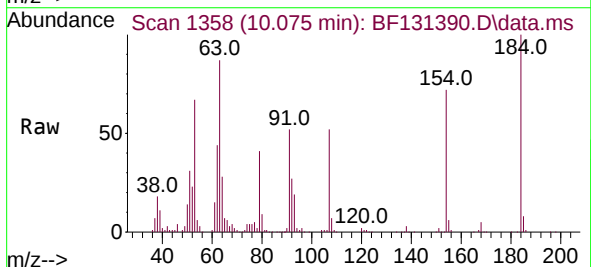
APPROVED

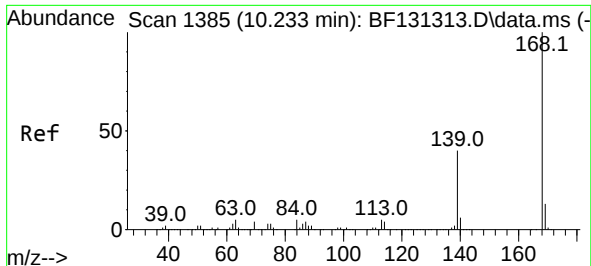
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#54
2,4-Dinitrophenol
Concen: 96.529 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

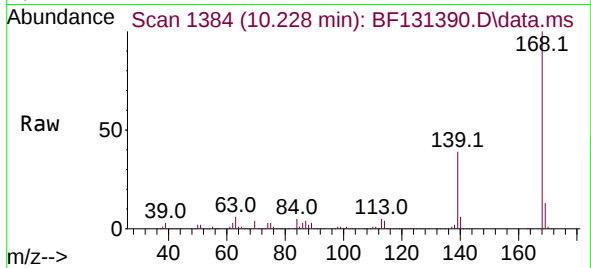
Tgt Ion:184 Resp: 169948
Ion Ratio Lower Upper
184 100
63 87.1 72.1 108.1
154 71.6 56.3 84.5





#55
Dibenzenofuran
Concen: 36.523 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

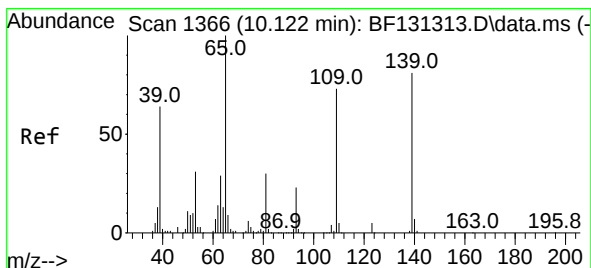
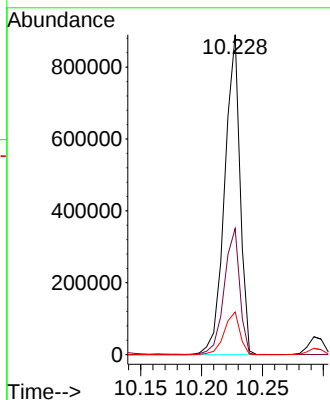
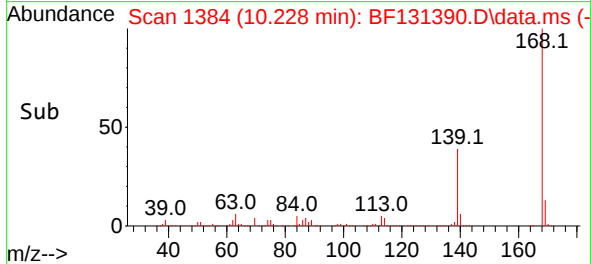
Instrument :
BNA_F
ClientSampleId :
PB149192BS



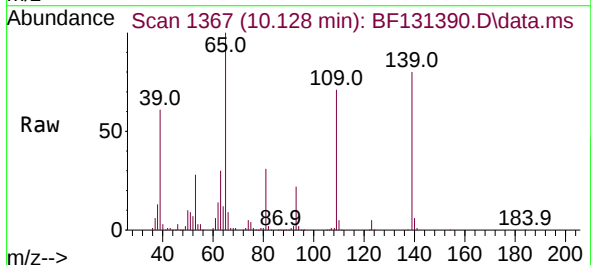
Tgt Ion:168 Resp: 777373
Ion Ratio Lower Upper
168 100
139 39.4 31.7 47.5
169 13.3 10.6 15.8

Manual Integrations
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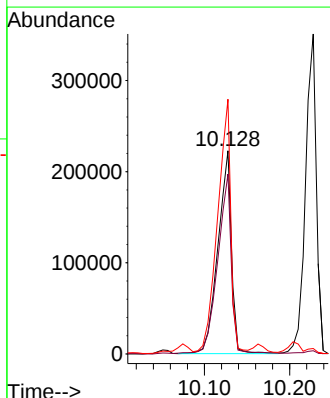
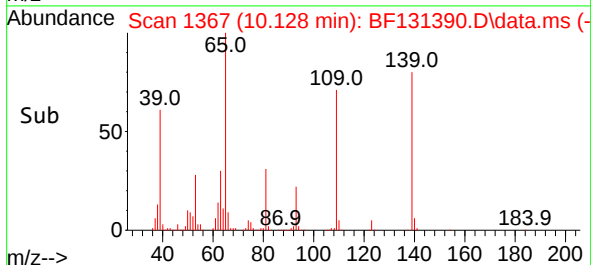
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

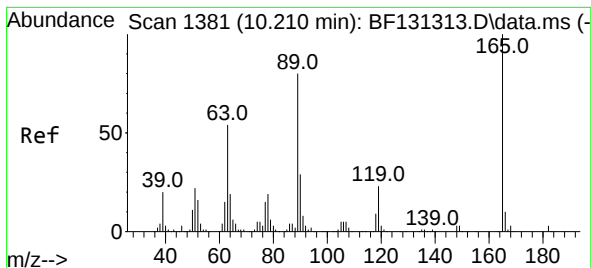


#56
4-Nitrophenol
Concen: 97.980 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



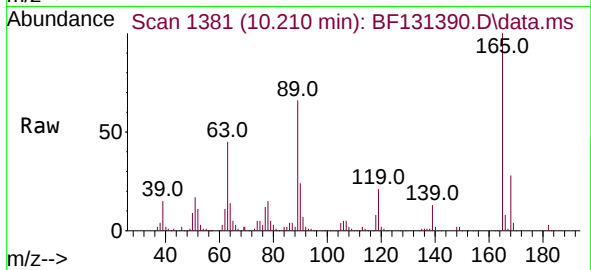
Tgt Ion:139 Resp: 246499
Ion Ratio Lower Upper
139 100
109 88.5 69.6 109.6
65 125.4 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 47.631 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

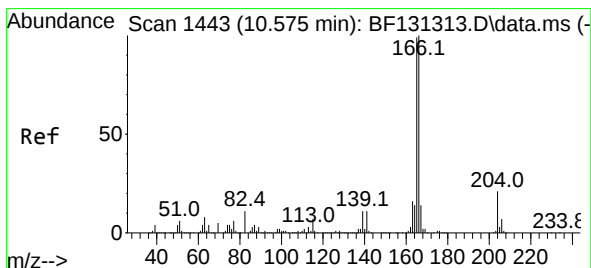
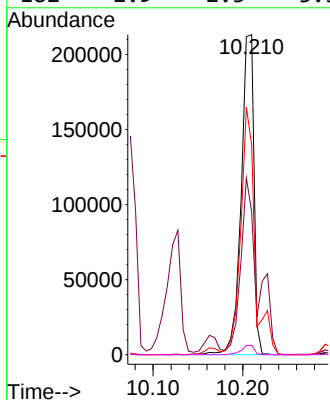
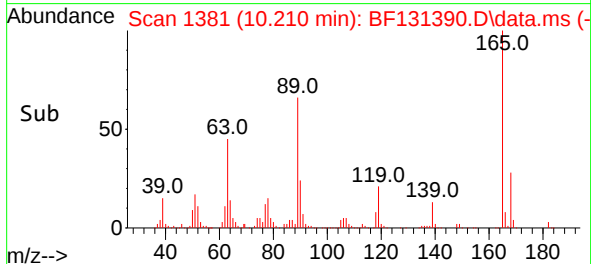
Instrument :
BNA_F
ClientSampleId :
PB149192BS



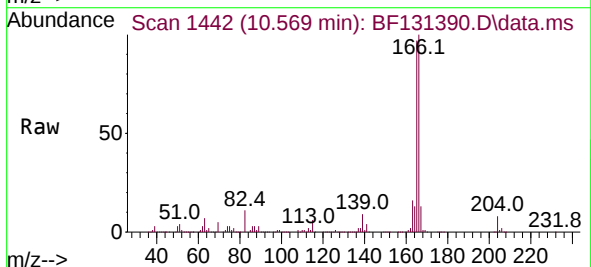
Tgt Ion:165 Resp: 211421
Ion Ratio Lower Upper
165 100
63 44.7 43.4 65.2
89 65.6 64.0 96.0
182 2.9 2.3 3.5

Manual Integrations
APPROVED

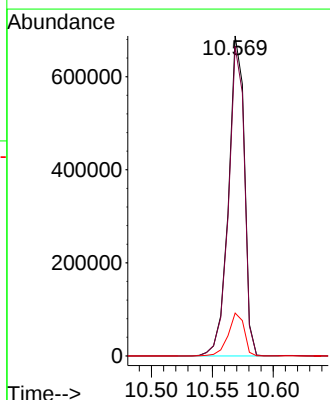
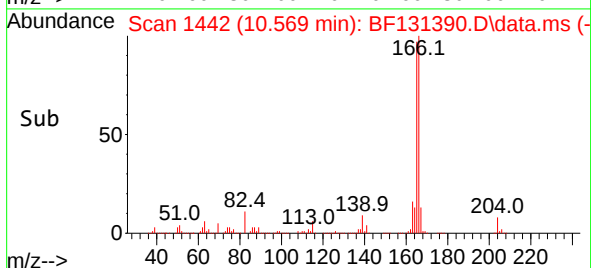
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

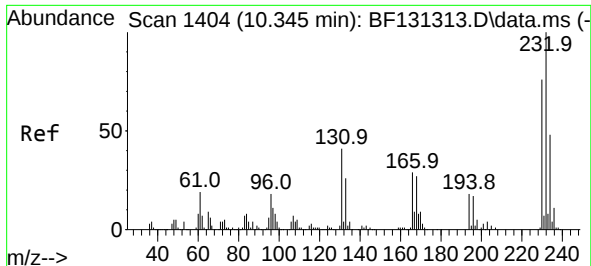


#58
Fluorene
Concen: 37.464 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



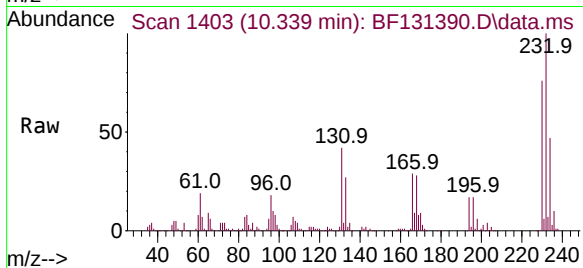
Tgt Ion:166 Resp: 622338
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.4
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.454 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

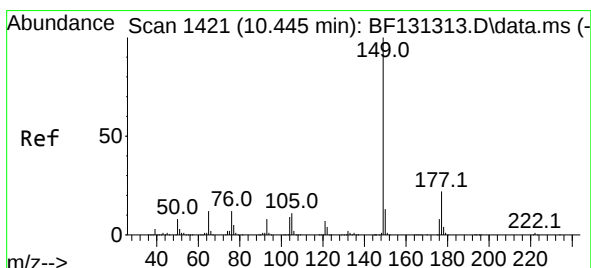
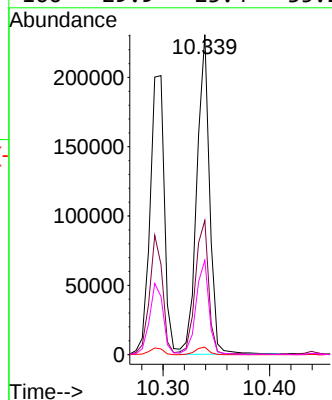
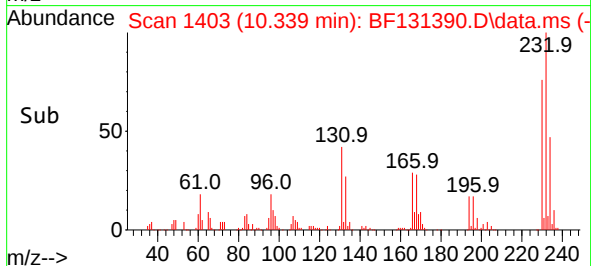
Instrument :
BNA_F
ClientSampleId :
PB149192BS



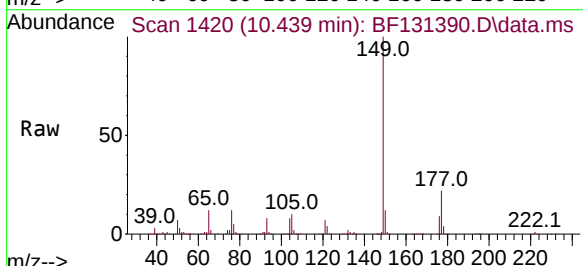
Tgt Ion:232 Resp: 189662
Ion Ratio Lower Upper
232 100
131 44.4 35.2 52.8
130 2.4 1.8 2.8
166 29.9 23.4 35.2

Manual Integrations
APPROVED

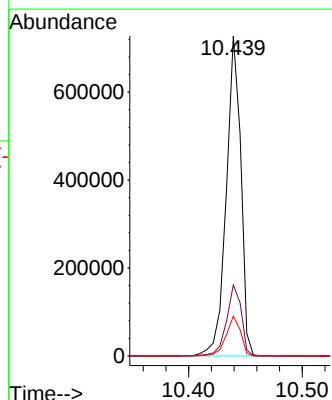
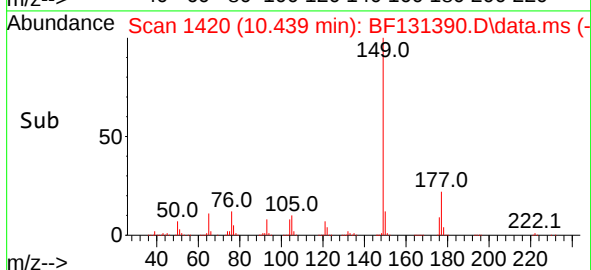
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

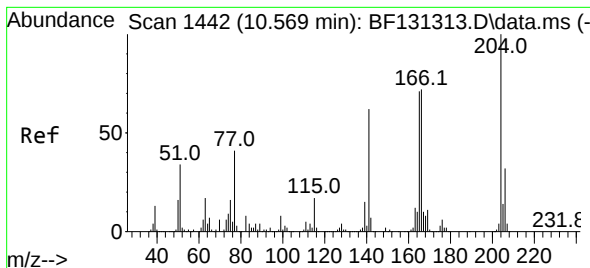


#60
Diethylphthalate
Concen: 38.676 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



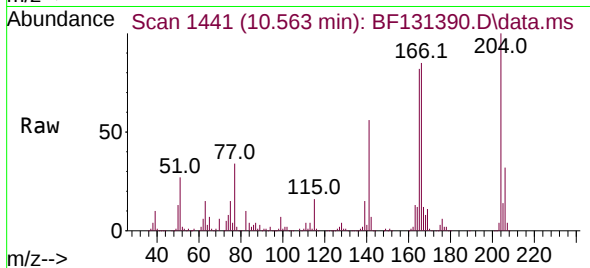
Tgt Ion:149 Resp: 644209
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.407 ng
RT: 10.563 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

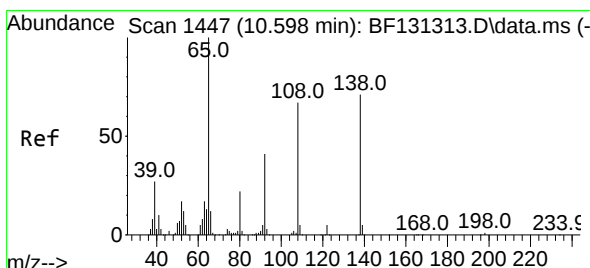
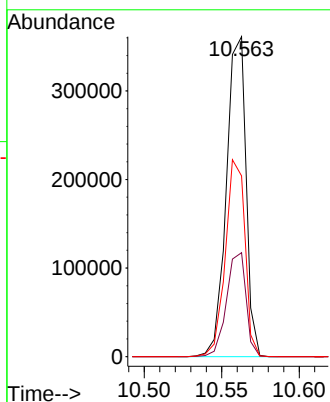
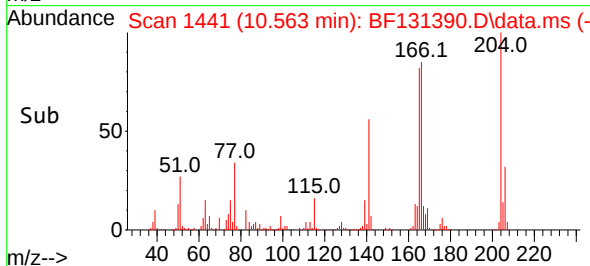
Instrument :
BNA_F
ClientSampleId :
PB149192BS



Tgt Ion:204 Resp: 318542
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 56.5 49.2 73.8

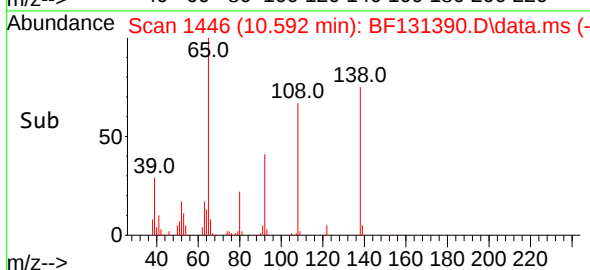
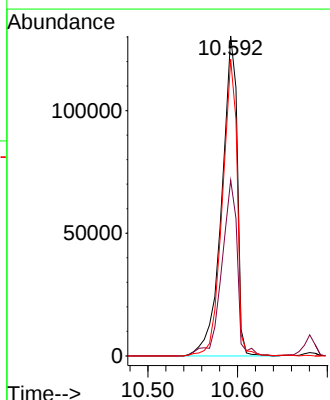
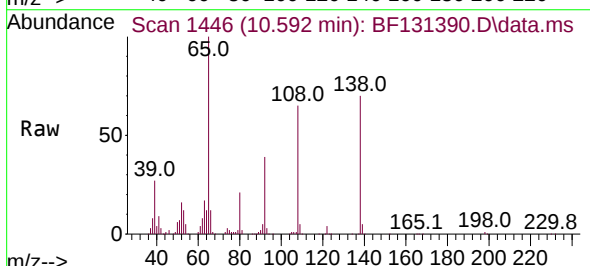
Manual Integrations
APPROVED

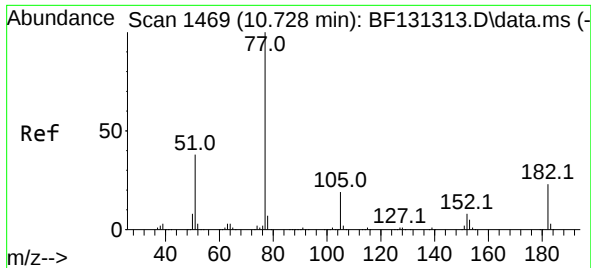
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#62
4-Nitroaniline
Concen: 43.617 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

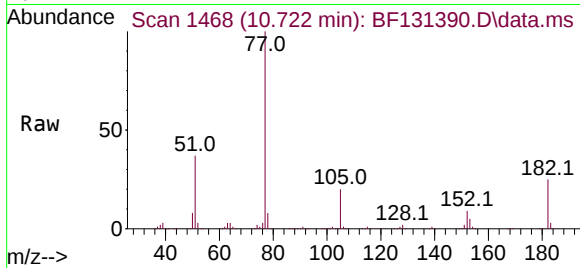
Tgt Ion:138 Resp: 157355
Ion Ratio Lower Upper
138 100
92 54.9 37.0 77.0
108 92.7 74.0 114.0





#63
Azobenzene
Concen: 36.207 ng
RT: 10.722 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

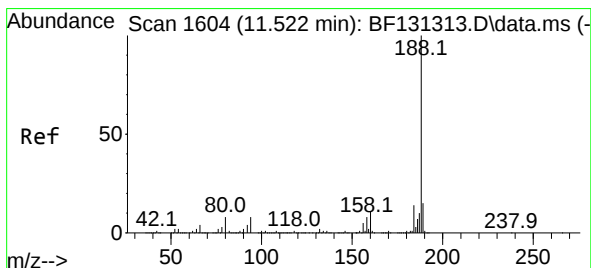
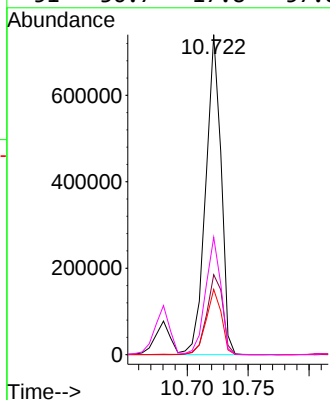
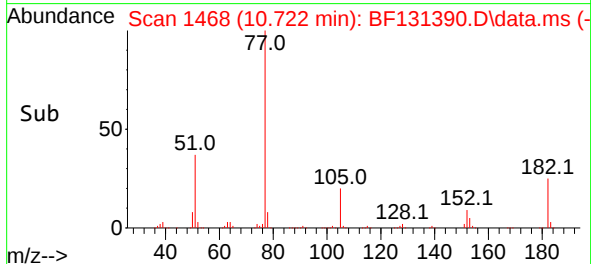
Instrument :
BNA_F
ClientSampleId :
PB149192BS



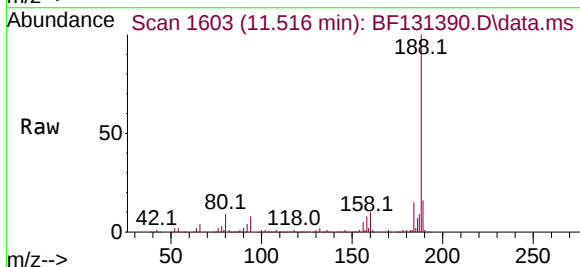
Tgt Ion: 77 Resp: 648459
Ion Ratio Lower Upper
77 100
182 25.0 3.1 43.1
105 20.4 0.0 39.2
51 36.7 17.8 57.8

Manual Integrations
APPROVED

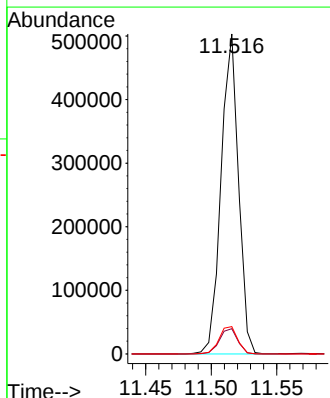
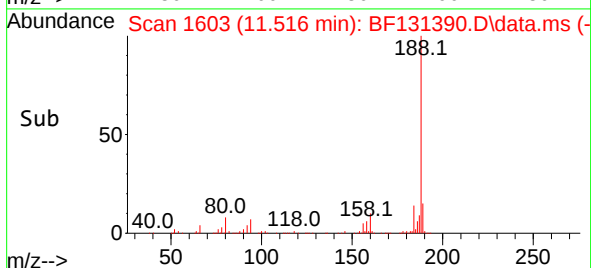
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

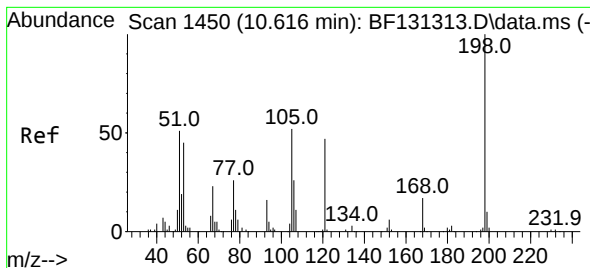


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:188 Resp: 464515
Ion Ratio Lower Upper
188 100
94 7.9 6.3 9.5
80 8.5 6.8 10.2





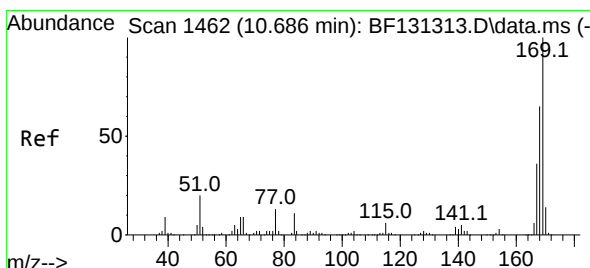
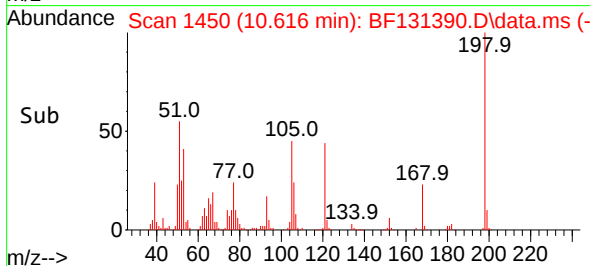
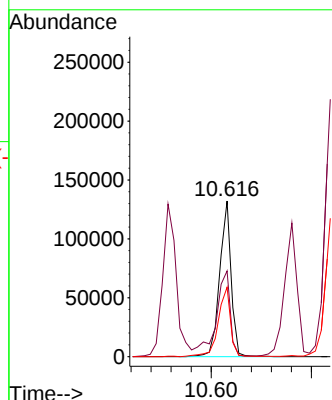
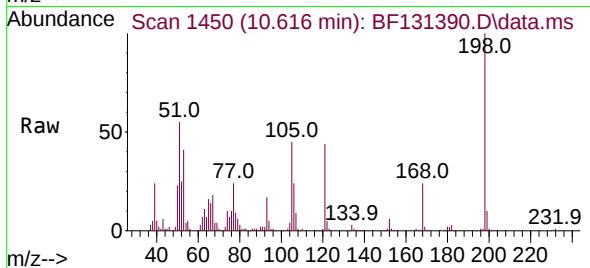
#65
4,6-Dinitro-2-methylphenol
Concen: 51.429 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :
BNA_F
ClientSampleId :
PB149192BS

Tgt Ion:198 Resp: 104902
Ion Ratio Lower Upper
198 100
51 55.0 50.1 90.1
105 44.6 32.5 72.5

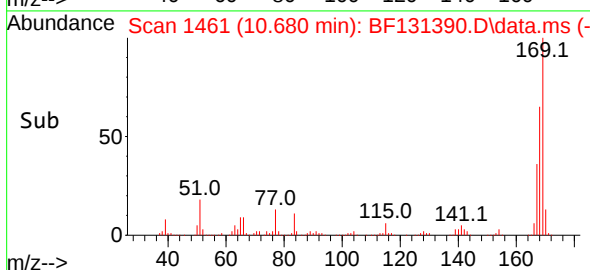
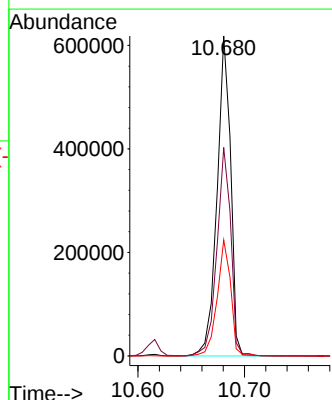
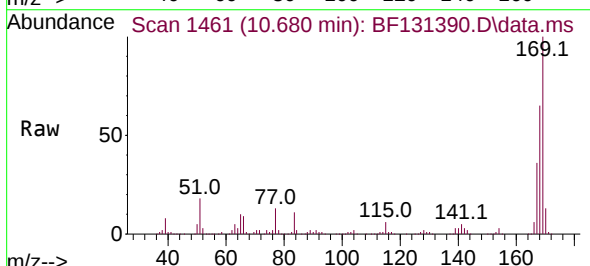
Manual Integrations
APPROVED

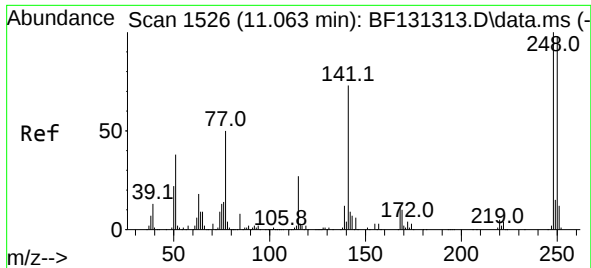
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 36.928 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion:169 Resp: 546591
Ion Ratio Lower Upper
169 100
168 65.1 52.4 78.6
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 36.335 ng
RT: 11.057 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

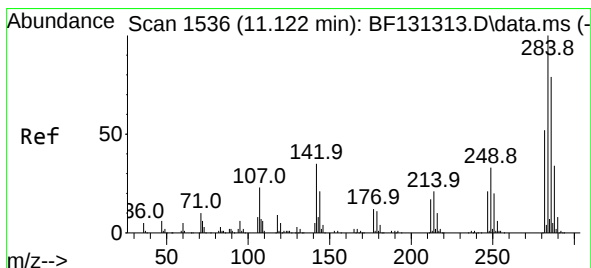
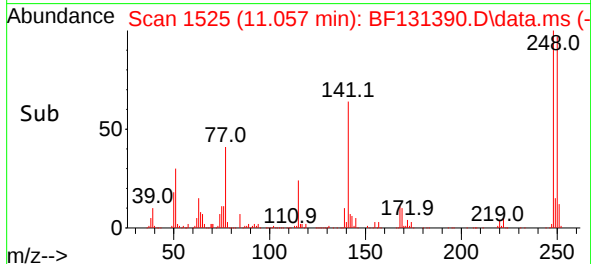
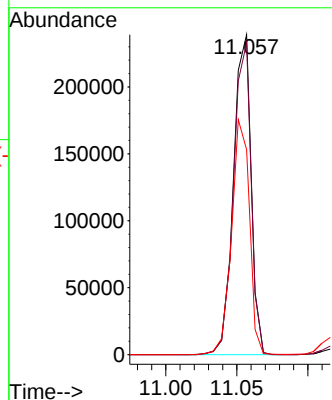
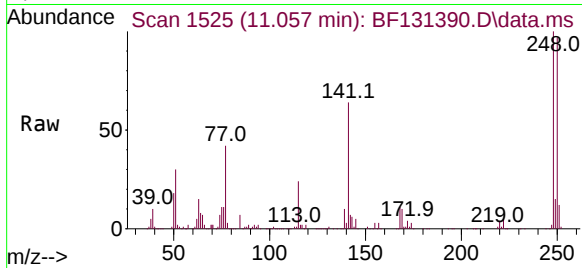
PB149192BS

Tgt Ion:248 Resp: 206862
Ion Ratio Lower Upper
248 100
250 97.4 78.3 117.5
141 64.1 58.0 87.0

Manual Integrations

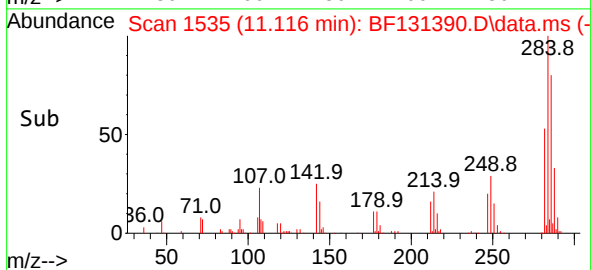
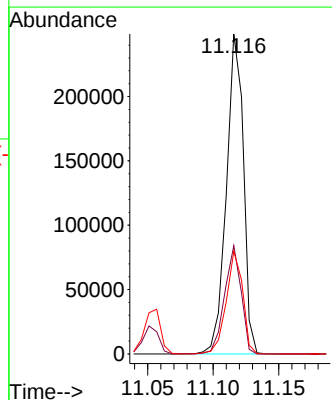
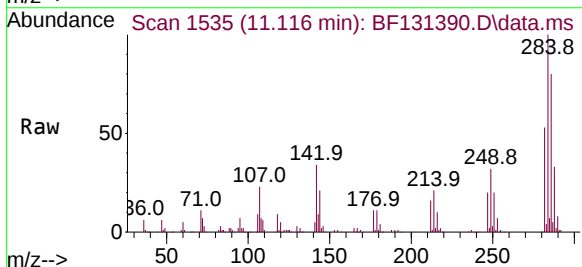
APPROVED

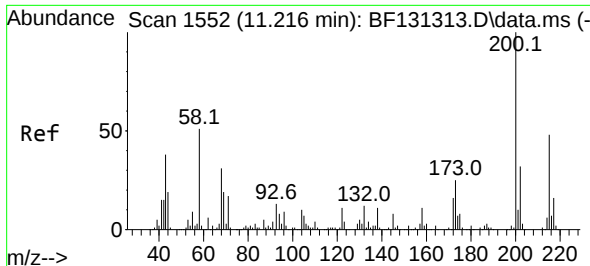
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#68
Hexachlorobenzene
Concen: 37.215 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

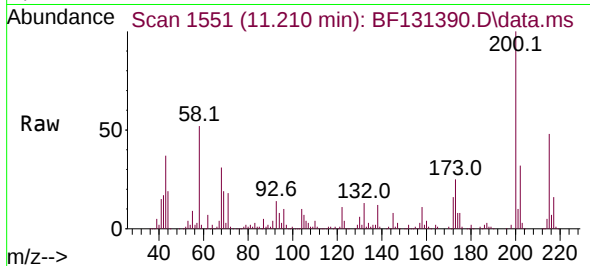
Tgt Ion:284 Resp: 224873
Ion Ratio Lower Upper
284 100
142 33.8 28.4 42.6
249 32.1 26.5 39.7





#69
 Atrazine
 Concen: 44.622 ng
 RT: 11.210 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44

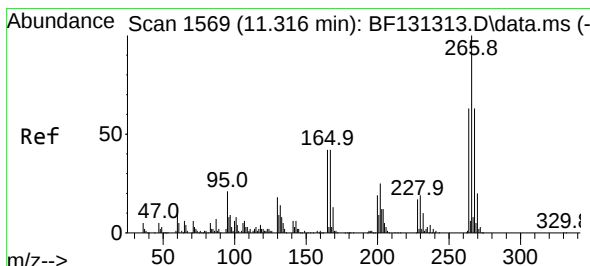
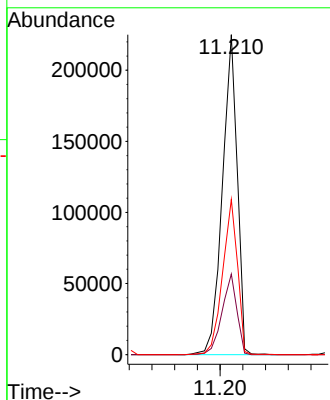
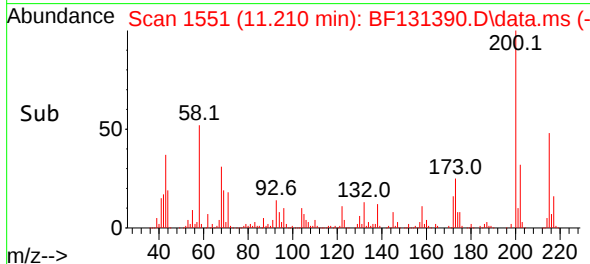
Instrument :
 BNA_F
 ClientSampleId :
 PB149192BS



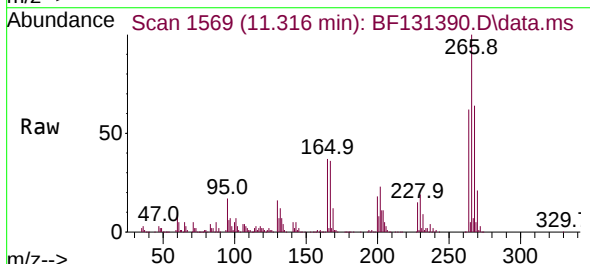
Tgt Ion:200 Resp: 203356
 Ion Ratio Lower Upper
 200 100
 173 25.2 5.2 45.2
 215 48.5 28.3 68.3

Manual Integrations
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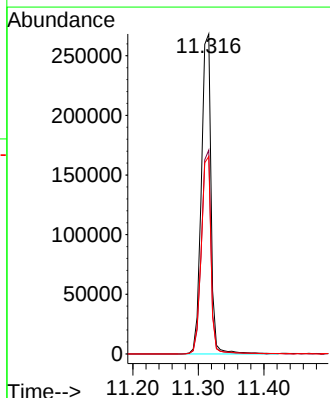
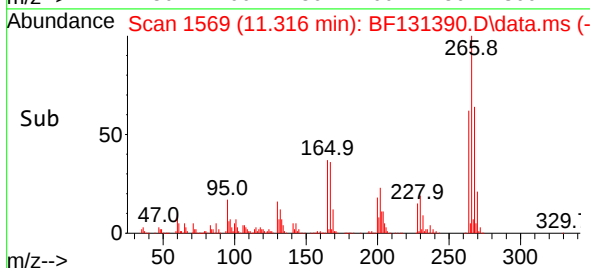
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

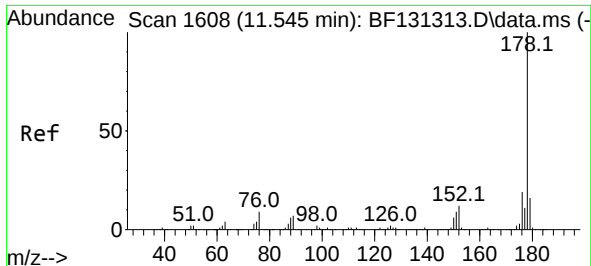


#70
 Pentachlorophenol
 Concen: 77.696 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. 0.006 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44



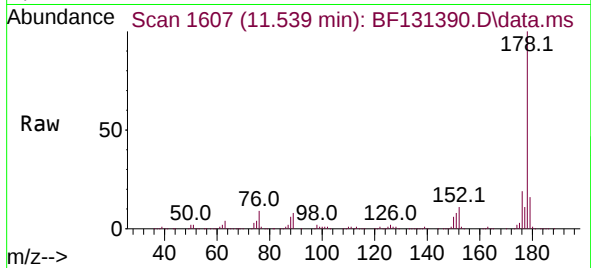
Tgt Ion:266 Resp: 272268
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.6 75.8
 264 61.7 50.4 75.6





#71
Phenanthrene
Concen: 36.819 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

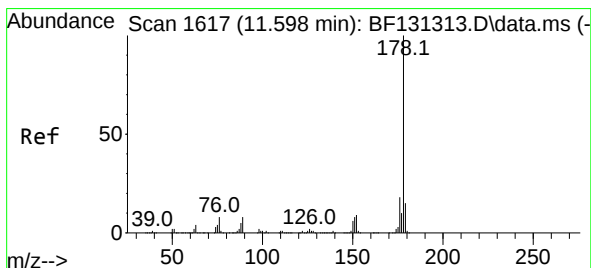
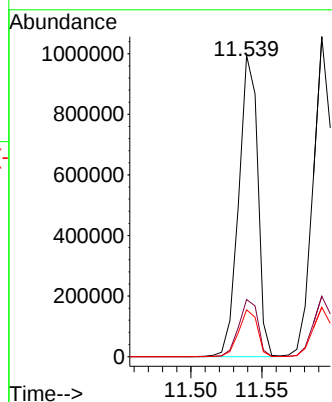
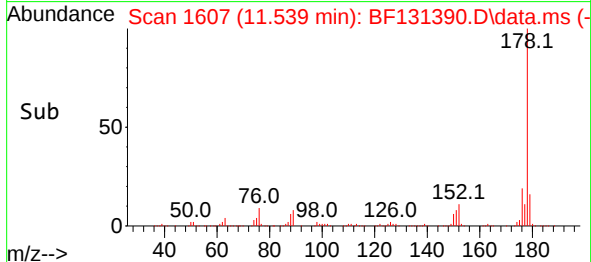
Instrument :
BNA_F
ClientSampleId :
PB149192BS



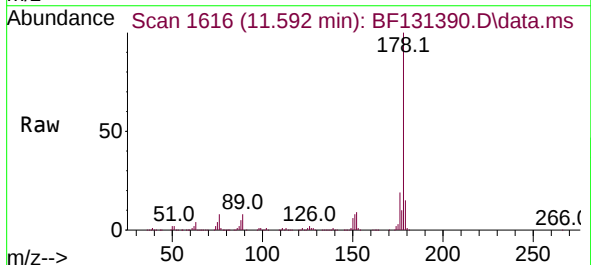
Tgt Ion:178 Resp: 924291
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.6 12.4 18.6

Manual Integrations
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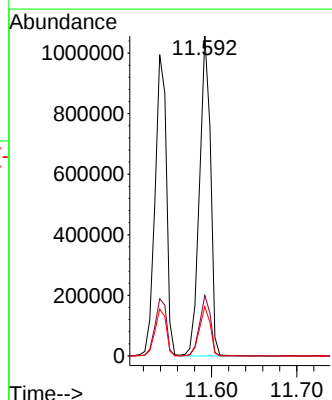
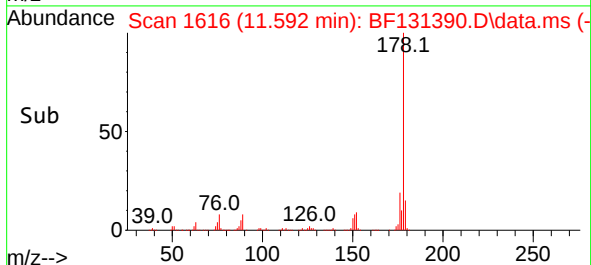
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

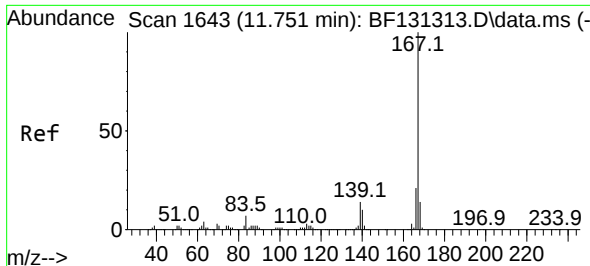


#72
Anthracene
Concen: 38.261 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



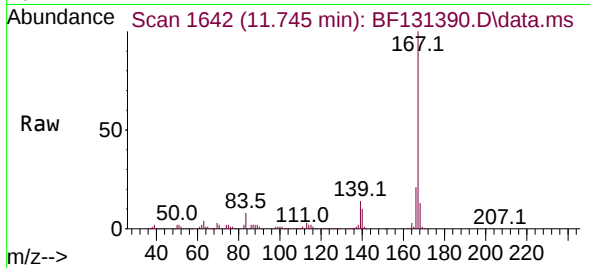
Tgt Ion:178 Resp: 943942
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 40.354 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44

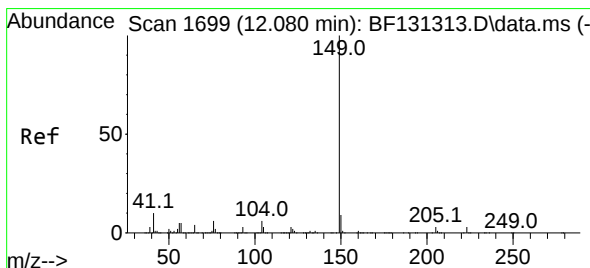
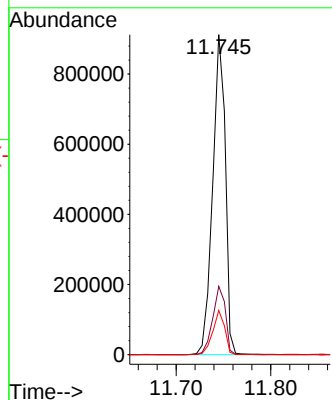
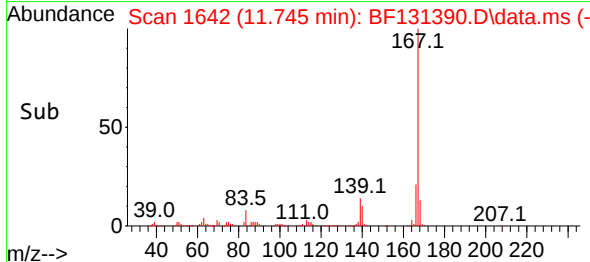
Instrument :
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 ClientSampleId :
 PB149192BS



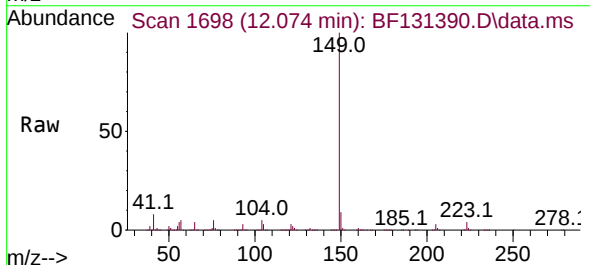
Tgt Ion:167 Resp: 849246
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.8 10.8 16.2

Manual Integrations
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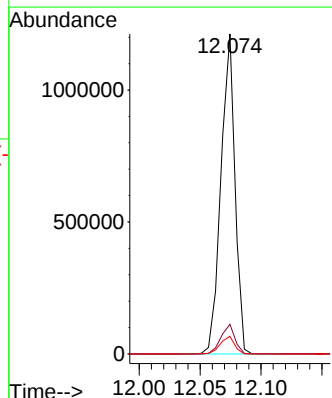
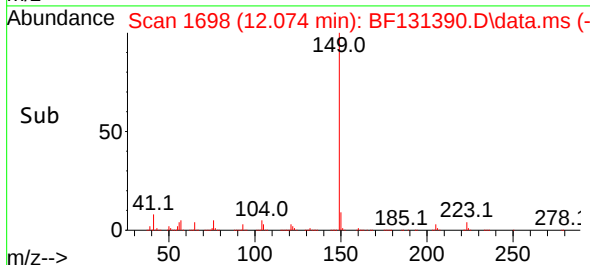
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

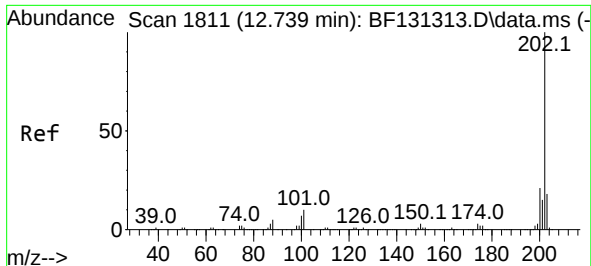


#74
 Di-n-butylphthalate
 Concen: 39.149 ng
 RT: 12.074 min Scan# 1698
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44



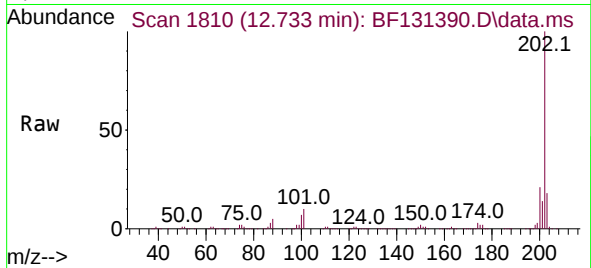
Tgt Ion:149 Resp: 970840
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.5 4.7 7.1





#75
Fluoranthene
Concen: 38.217 ng
RT: 12.733 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

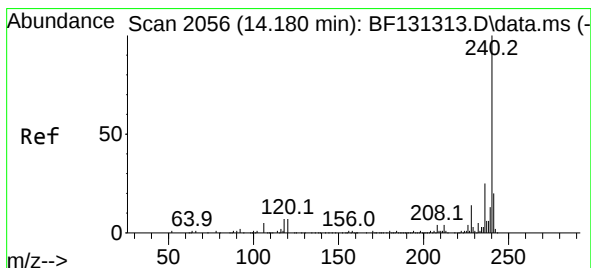
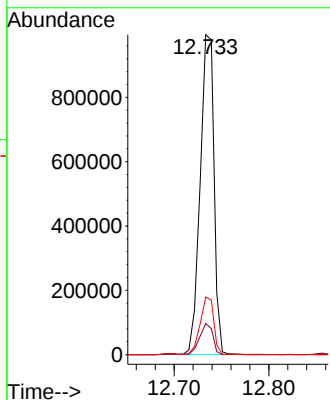
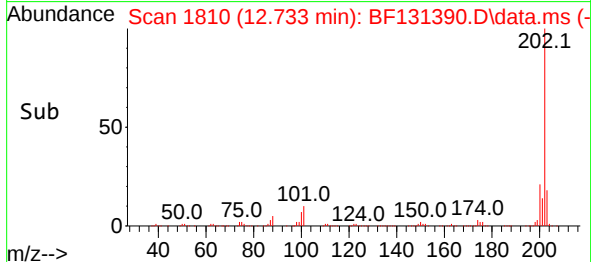
Instrument :
BNA_F
ClientSampleId :
PB149192BS



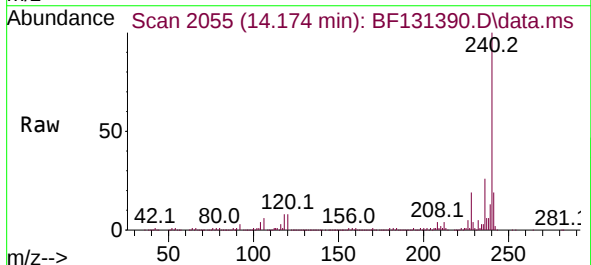
Tgt Ion:202 Resp: 1010963
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.6
203 18.0 0.0 37.8

Manual Integrations
APPROVED

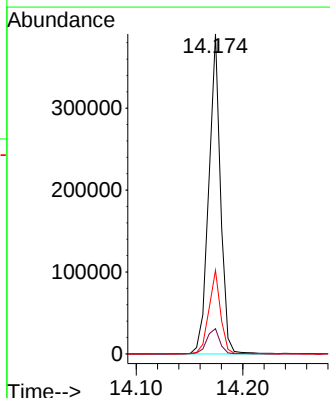
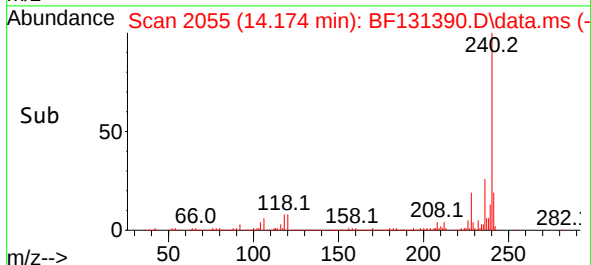
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

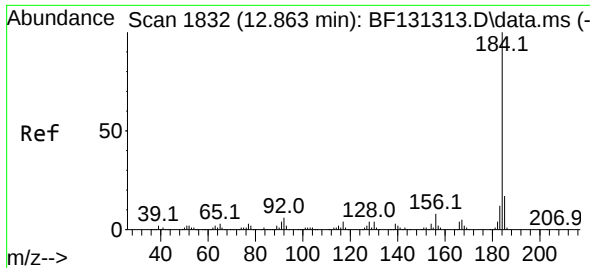


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



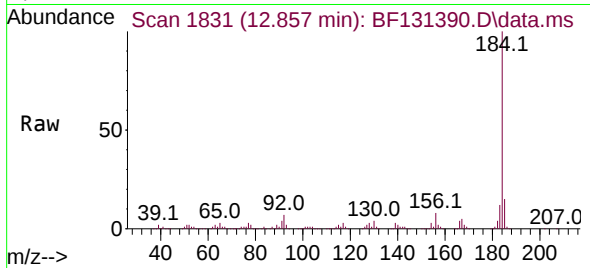
Tgt Ion:240 Resp: 298800
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 26.1 20.3 30.5





#77
Benzidine
Concen: 79.903 ng
RT: 12.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

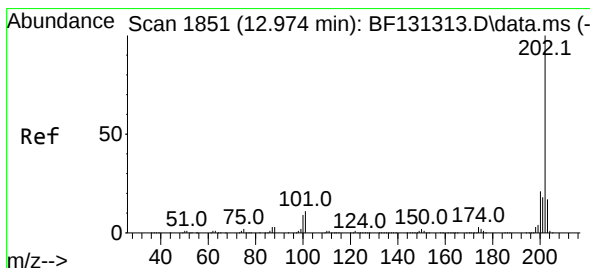
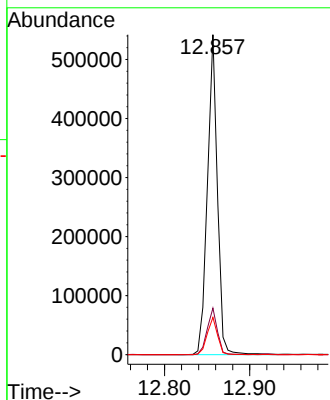
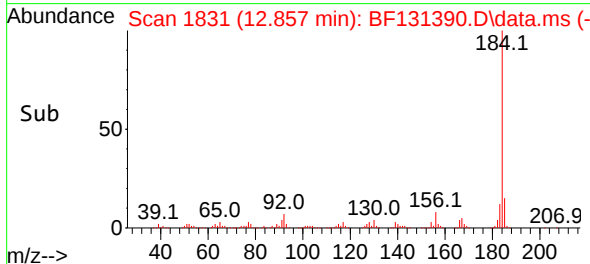
Instrument :
BNA_F
ClientSampleId :
PB149192BS



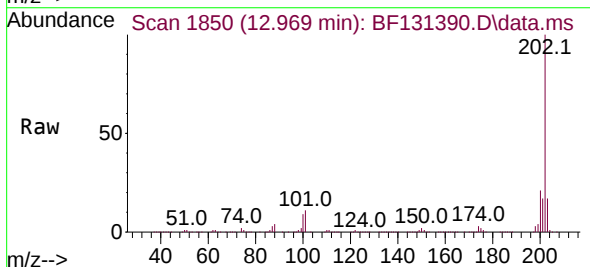
Tgt Ion:184 Resp: 441003
Ion Ratio Lower Upper
184 100
185 14.5 13.8 20.8
183 11.6 9.6 14.4

Manual Integrations
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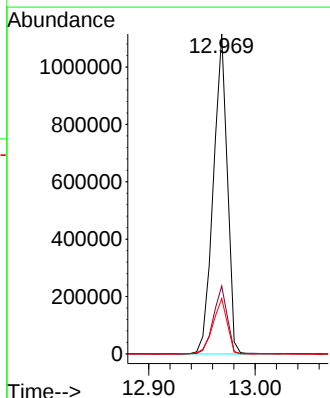
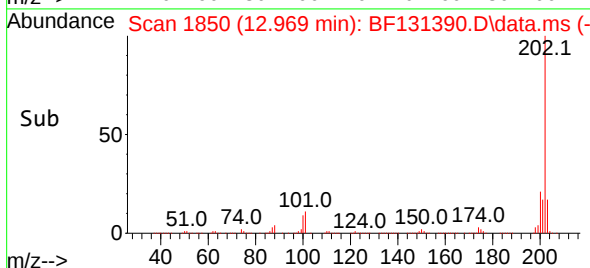
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

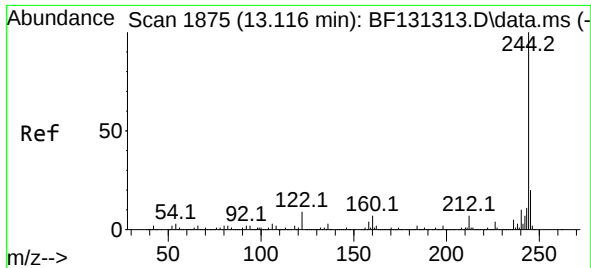


#78
Pyrene
Concen: 38.581 ng
RT: 12.969 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



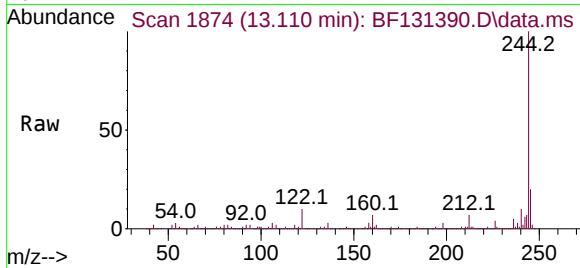
Tgt Ion:202 Resp: 1017113
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.3 13.9 20.9





#79
 Terphenyl-d14
 Concen: 76.058 ng
 RT: 13.110 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44

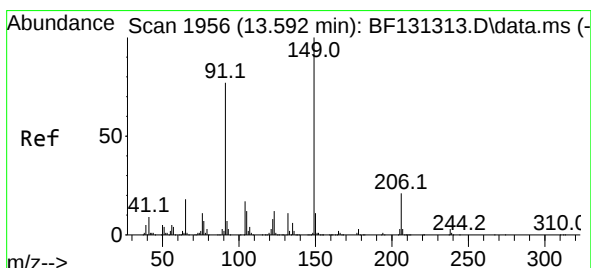
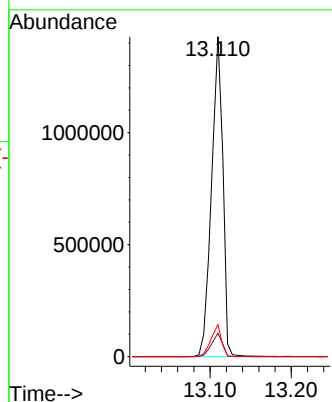
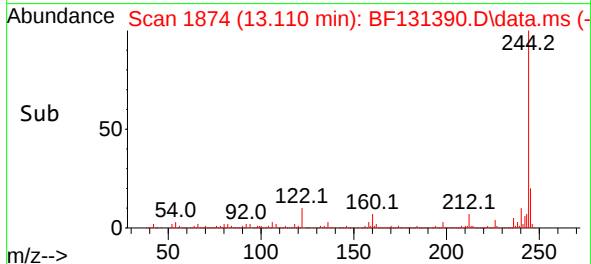
Instrument :
 BNA_F
 ClientSampleId :
 PB149192BS



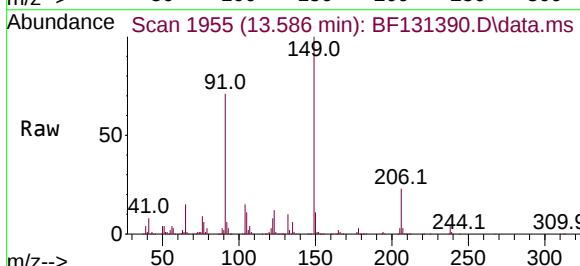
Tgt Ion:244 Resp: 1389748
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.0 7.5 11.3

Manual Integrations
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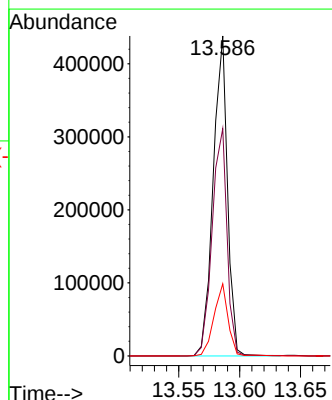
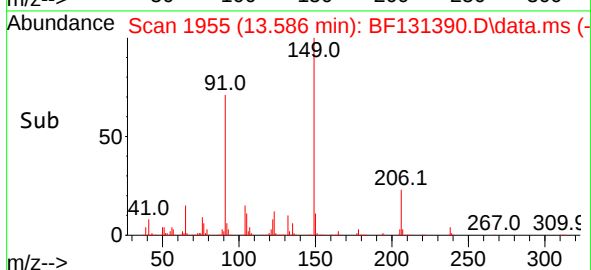
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

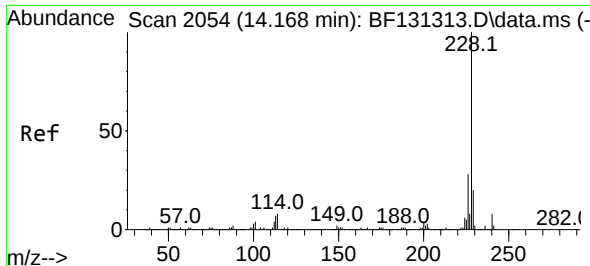


#80
 Butylbenzylphthalate
 Concen: 41.151 ng
 RT: 13.586 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44



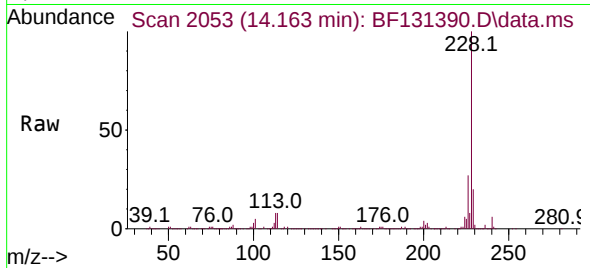
Tgt Ion:149 Resp: 359243
 Ion Ratio Lower Upper
 149 100
 91 71.0 61.9 92.9
 206 22.5 16.5 24.7





#81
Benzo(a)anthracene
Concen: 38.685 ng
RT: 14.163 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

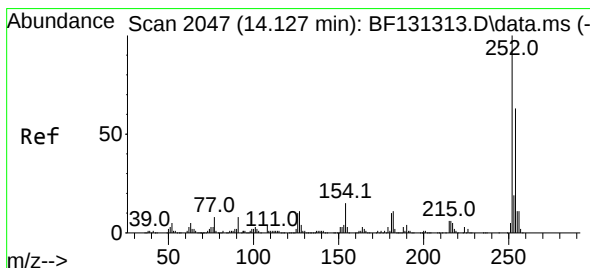
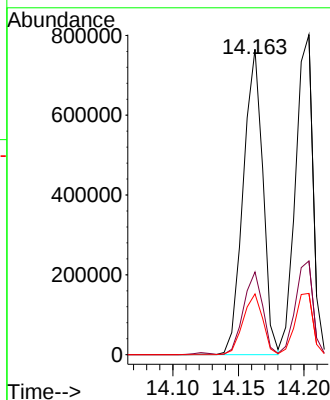
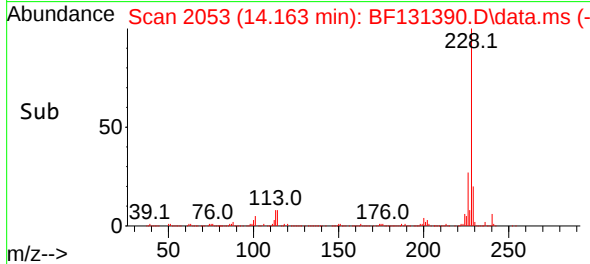
Instrument :
BNA_F
ClientSampleId :
PB149192BS



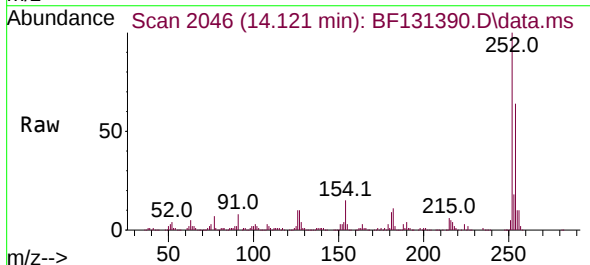
Tgt Ion:228 Resp: 792307
Ion Ratio Lower Upper
228 100
226 27.1 22.0 33.0
229 19.9 15.7 23.5

Manual Integrations
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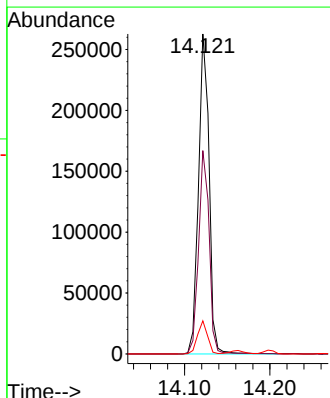
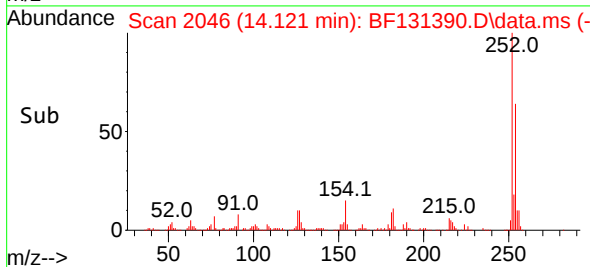
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

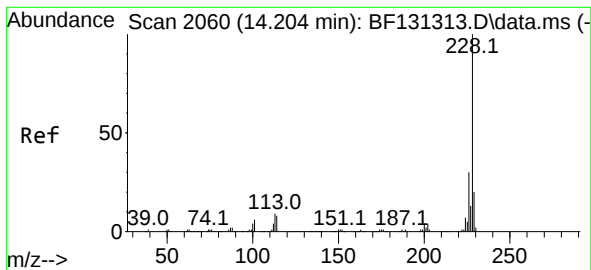


#82
3,3'-Dichlorobenzidine
Concen: 41.597 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:252 Resp: 226073
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 10.3 8.3 12.5





#83

Chrysene

Concen: 37.231 ng

RT: 14.204 min Scan# 2060

Delta R.T. 0.006 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

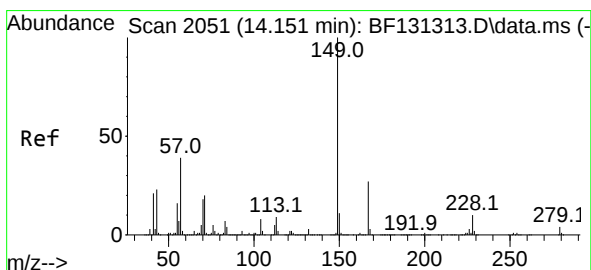
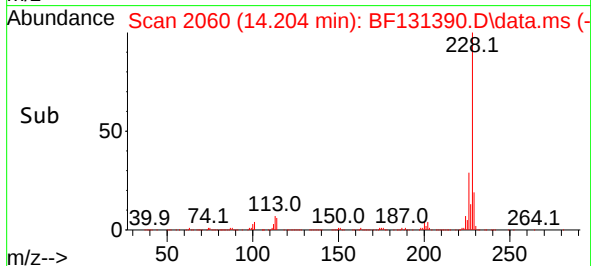
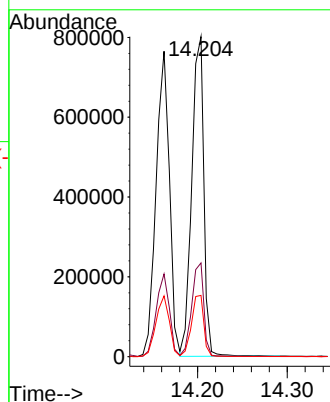
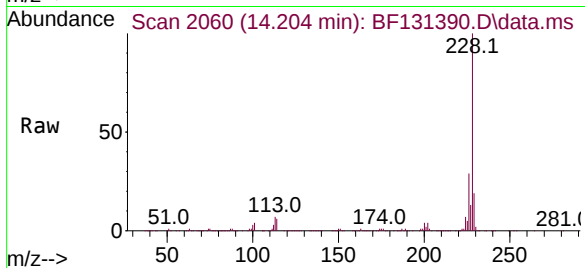
PB149192BS

Tgt Ion:228 Resp: 748124
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.7 35.5
 229 19.1 16.2 24.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.623 ng

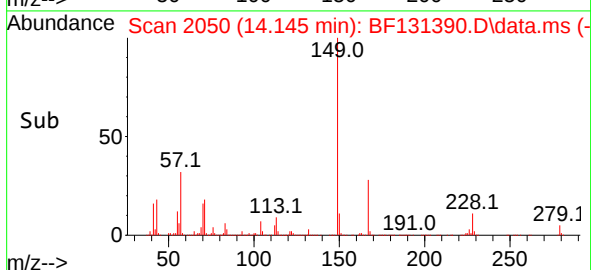
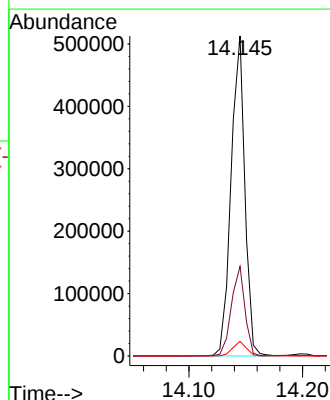
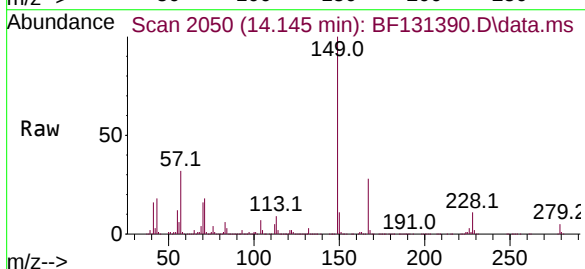
RT: 14.145 min Scan# 2050

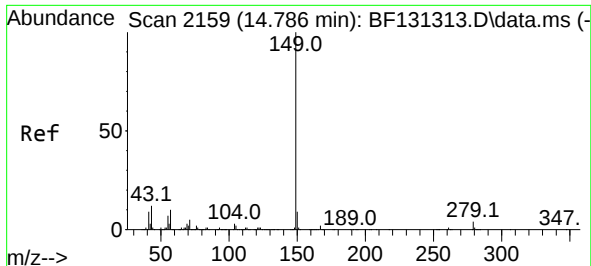
Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

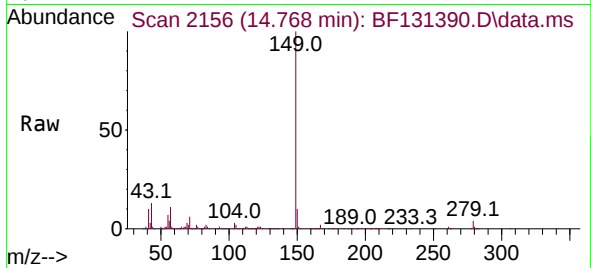
Tgt Ion:149 Resp: 432484
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.9 32.9
 279 4.5 3.0 4.4#





#85
Di-n-octyl phthalate
Concen: 39.658 ng
RT: 14.768 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

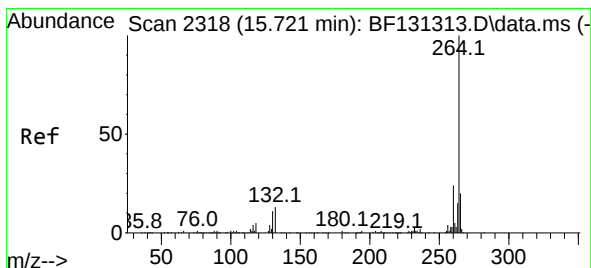
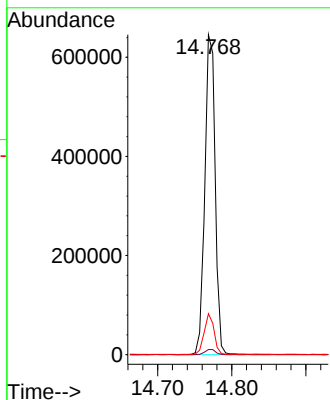
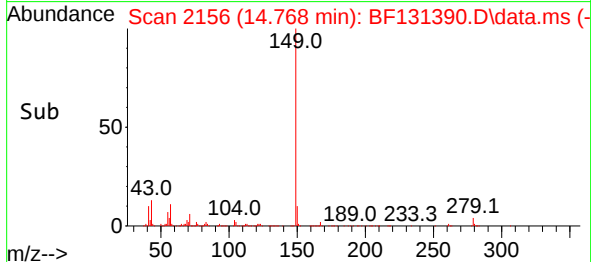
Instrument :
BNA_F
ClientSampleId :
PB149192BS



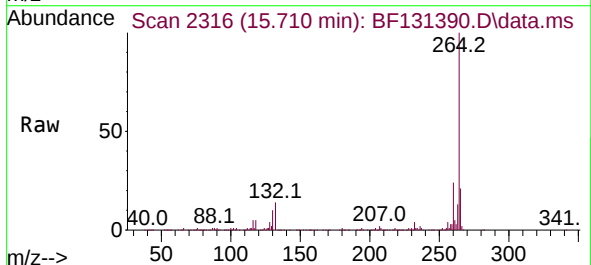
Tgt Ion:149 Resp: 626783
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.2 10.7 16.1

Manual Integrations
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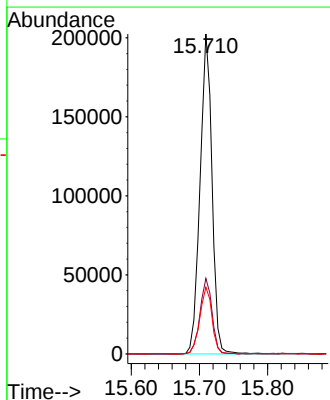
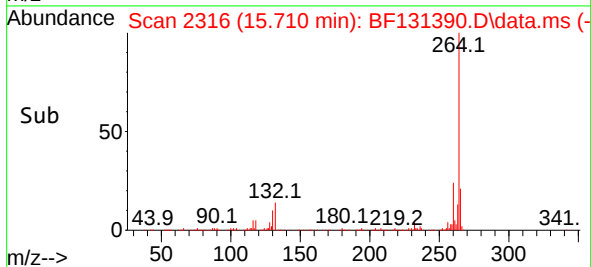
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

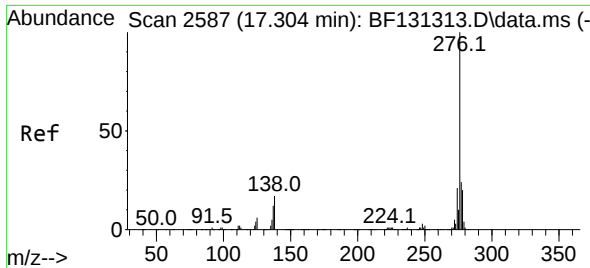


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44



Tgt Ion:264 Resp: 247028
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 20.8 16.4 24.6





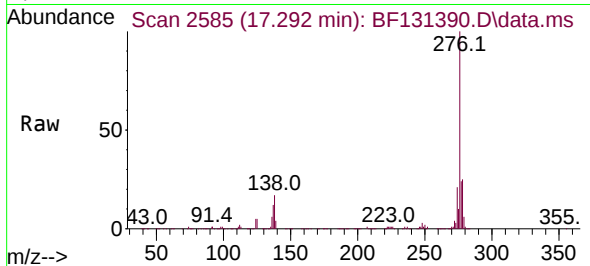
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.878 ng
 RT: 17.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB149192BS

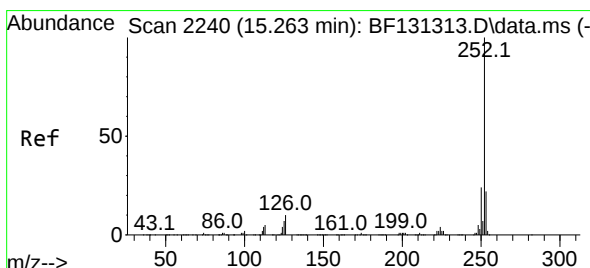
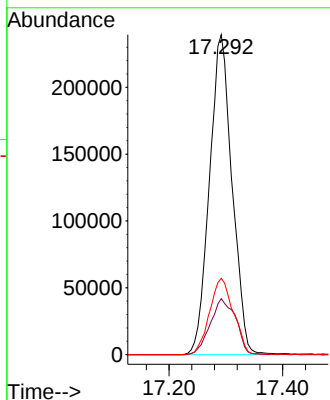
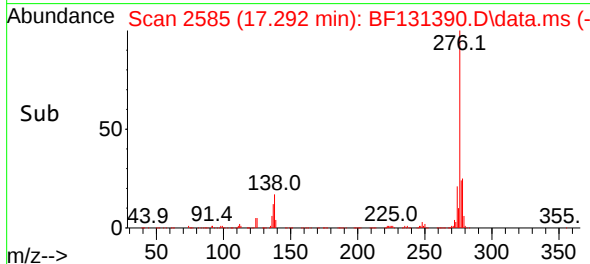


Tgt Ion:276 Resp: 661630
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.8 23.6
 277 25.3 20.3 30.5

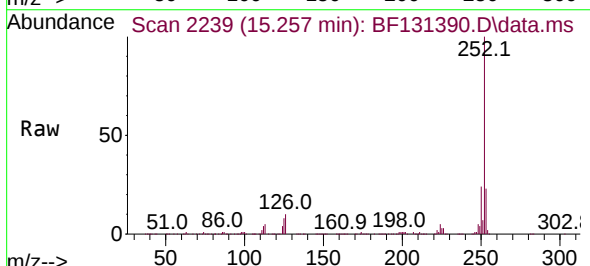
Manual Integrations

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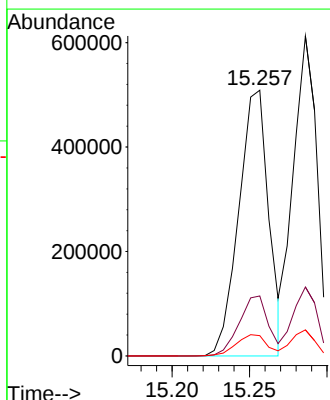
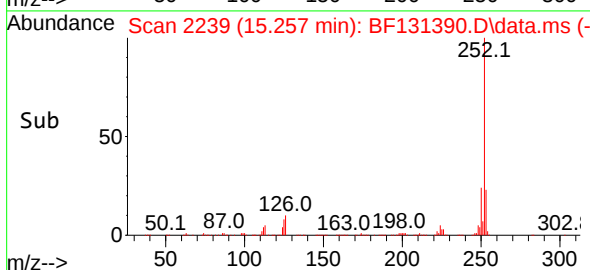
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

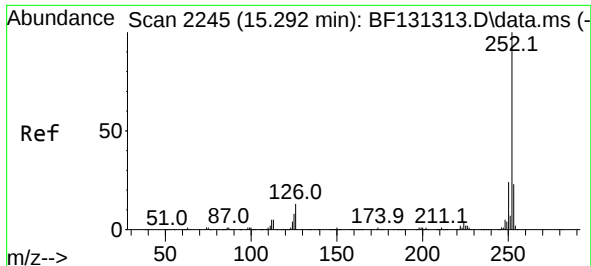


#88
 Benzo(b)fluoranthene
 Concen: 41.715 ng
 RT: 15.257 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: BF131390.D
 Acq: 25 Nov 2022 11:44



Tgt Ion:252 Resp: 684569
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 7.6 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 39.005 ng

RT: 15.286 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

ClientSampleId :

PB149192BS

Tgt Ion:252 Resp: 657802

Ion Ratio Lower Upper

252 100

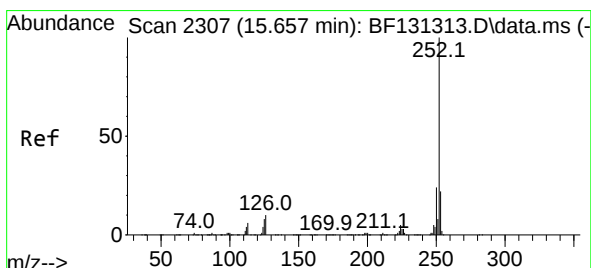
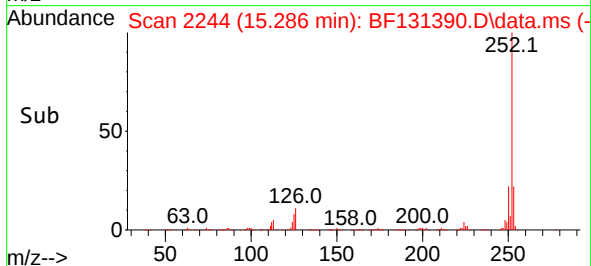
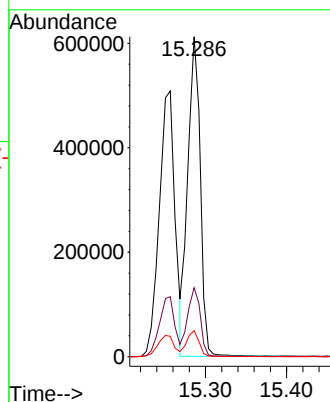
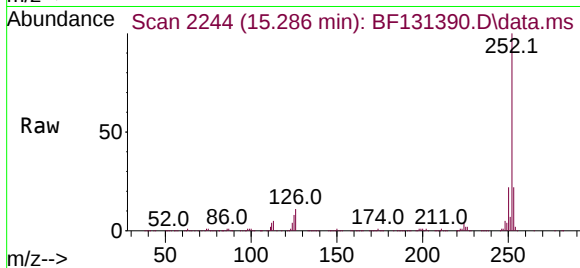
253 21.5 17.9 26.9

125 8.1 6.6 10.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#90

Benzo(a)pyrene

Concen: 43.336 ng

RT: 15.645 min Scan# 2305

Delta R.T. 0.000 min

Lab File: BF131390.D

Acq: 25 Nov 2022 11:44

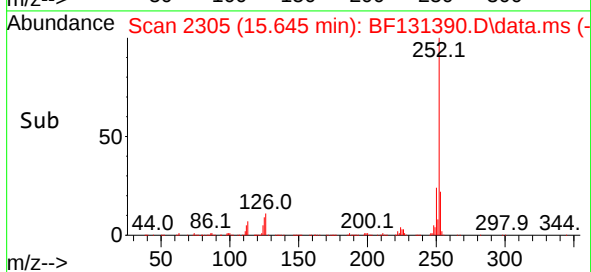
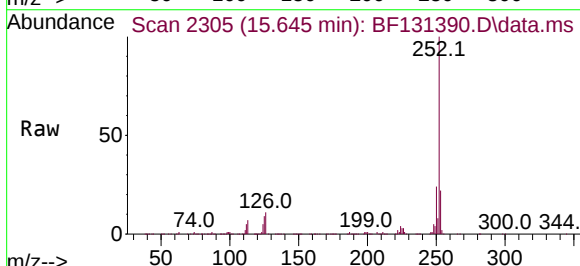
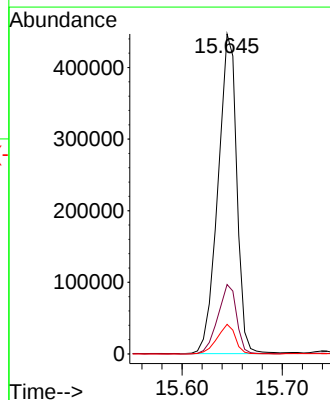
Tgt Ion:252 Resp: 583534

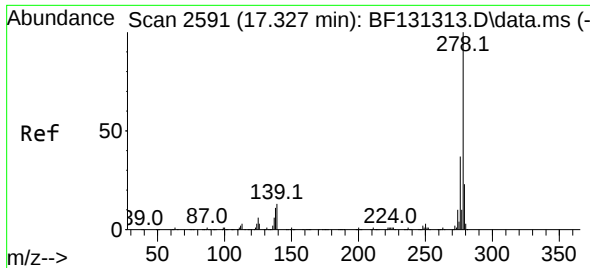
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.2 6.1 9.1#





#91
Dibenzo(a,h)anthracene
Concen: 40.827 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Instrument :

BNA_F

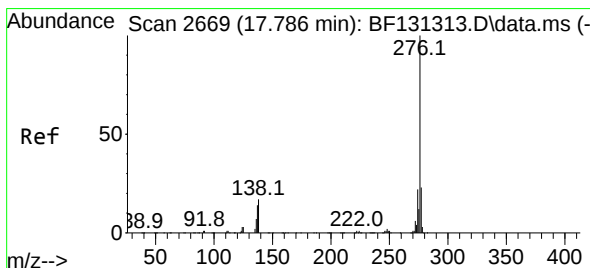
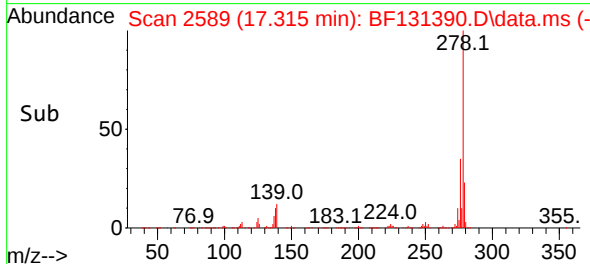
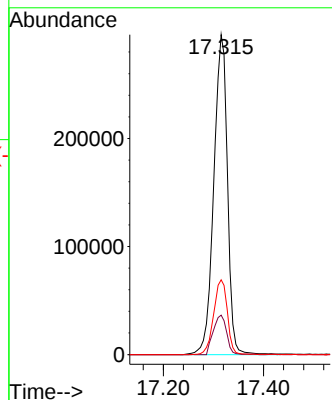
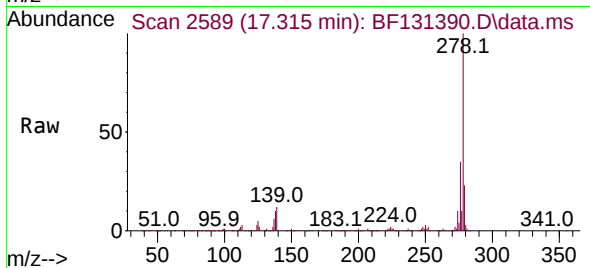
ClientSampleId :

PB149192BS

Tgt Ion:278 Resp: 559243
Ion Ratio Lower Upper
278 100
139 12.3 10.4 15.6
279 23.4 18.3 27.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#92
Benzo(g,h,i)perylene
Concen: 40.772 ng
RT: 17.780 min Scan# 2668
Delta R.T. 0.006 min
Lab File: BF131390.D
Acq: 25 Nov 2022 11:44

Tgt Ion:276 Resp: 557417
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 15.6 13.8 20.6

