

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131631.D
 Acq On : 14 Dec 2022 15:15
 Operator : CG\JU
 Sample : PB149594BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149594BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 15 01:54:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	70404	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	257108	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	151257	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	288883	20.000	ng	0.00
76) Chrysene-d12	14.086	240	158853	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	135057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	627885	148.783	ng	0.01
7) Phenol-d6	6.528	99	806634	145.860	ng	0.00
23) Nitrobenzene-d5	7.457	82	558209	82.083	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	240630	143.189	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	975259	81.297	ng	0.00
79) Terphenyl-d14	13.027	244	1125656	97.180	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	76166	39.985	ng	97
3) Pyridine	3.457	79	207502	39.236	ng	99
4) n-Nitrosodimethylamine	3.434	42	114507	39.259	ng	# 86
6) Aniline	6.545	93	181533	27.447	ng	# 85
8) 2-Chlorophenol	6.669	128	207510	46.399	ng	95
9) Benzaldehyde	6.434	77	107695	28.427	ng	98
10) Phenol	6.539	94	289509m	46.933	ng	
11) bis(2-Chloroethyl)ether	6.622	93	217896	47.123	ng	97
12) 1,3-Dichlorobenzene	6.822	146	224067	43.214	ng	100
13) 1,4-Dichlorobenzene	6.898	146	229733	43.925	ng	98
14) 1,2-Dichlorobenzene	7.051	146	219510	43.936	ng	98
15) Benzyl Alcohol	7.028	79	227249	44.823	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	268367	44.930	ng	96
17) 2-Methylphenol	7.145	107	186318	46.226	ng	98
18) Hexachloroethane	7.398	117	91521	43.379	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	177205	42.733	ng	96
20) 3+4-Methylphenols	7.298	107	237711	43.300	ng	# 81
22) Acetophenone	7.298	105	333541	41.397	ng	95
24) Nitrobenzene	7.475	77	274714	40.052	ng	94
25) Isophorone	7.710	82	487814	44.533	ng	98
26) 2-Nitrophenol	7.786	139	113505	48.526	ng	96
27) 2,4-Dimethylphenol	7.828	122	188868	52.681	ng	91
28) bis(2-Chloroethoxy)met...	7.922	93	268738	47.425	ng	99
29) 2,4-Dichlorophenol	8.033	162	190237	42.915	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	220054	40.479	ng	98
31) Naphthalene	8.198	128	592100	40.888	ng	100
32) Benzoic acid	7.963	122	131755	50.745	ng	98
33) 4-Chloroaniline	8.245	127	55946	10.307	ng	98
34) Hexachlorobutadiene	8.310	225	147913	38.606	ng	97
35) Caprolactam	8.628	113	56746m	49.486	ng	
36) 4-Chloro-3-methylphenol	8.733	107	223978	44.996	ng	98
37) 2-Methylnaphthalene	8.892	142	404232	40.817	ng	98
38) 1-Methylnaphthalene	8.992	142	378175	39.779	ng	97
40) 1,2,4,5-Tetrachloroben...	9.057	216	238155	42.534	ng	99
41) Hexachlorocyclopentadiene	9.039	237	286634	100.856	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	149979	43.305	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

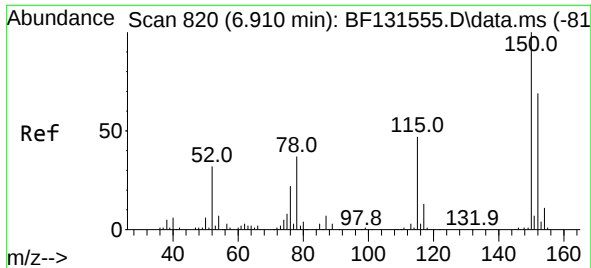
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	159453	42.811	ng	98
46) 1,1'-Biphenyl	9.357	154	513200	42.913	ng	98
47) 2-Chloronaphthalene	9.386	162	418128	42.913	ng	98
48) 2-Nitroaniline	9.486	65	147230	42.656	ng	89
49) Acenaphthylene	9.804	152	624714	43.666	ng	99
50) Dimethylphthalate	9.663	163	498922	43.269	ng	99
51) 2,6-Dinitrotoluene	9.727	165	108636	45.637	ng	86
52) Acenaphthene	9.975	154	462740m	48.282	ng	
53) 3-Nitroaniline	9.898	138	42519	18.617	ng	98
54) 2,4-Dinitrophenol	10.010	184	125509	91.485	ng	90
55) Dibenzofuran	10.151	168	575606	42.505	ng	97
56) 4-Nitrophenol	10.075	139	156655	98.735	ng	# 72
57) 2,4-Dinitrotoluene	10.133	165	152461	48.282	ng	98
58) Fluorene	10.492	166	460947	41.870	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	133430m	42.305	ng	
60) Diethylphthalate	10.369	149	467271	42.229	ng	98
61) 4-Chlorophenyl-phenyle...	10.480	204	249377	40.990	ng	97
62) 4-Nitroaniline	10.522	138	100063	44.212	ng	94
63) Azobenzene	10.645	77	517781	41.027	ng	97
65) 4,6-Dinitro-2-methylph...	10.545	198	83678	45.733	ng	83
66) n-Nitrosodiphenylamine	10.604	169	392249	42.000	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	150634	40.534	ng	96
68) Hexachlorobenzene	11.039	284	166233	41.354	ng	95
69) Atrazine	11.133	200	150592	50.777	ng	99
70) Pentachlorophenol	11.239	266	176505	85.292	ng	99
71) Phenanthrene	11.463	178	675279	41.937	ng	99
72) Anthracene	11.516	178	688309	43.937	ng	99
73) Carbazole	11.669	167	589221	46.079	ng	99
74) Di-n-butylphthalate	11.992	149	682809	43.526	ng	99
75) Fluoranthene	12.651	202	735012	44.329	ng	98
77) Benzidine	12.774	184	168259	39.532	ng	97
78) Pyrene	12.886	202	731673	46.711	ng	99
80) Butylbenzylphthalate	13.504	149	230946	50.948	ng	95
81) Benzo(a)anthracene	14.074	228	519450	45.281	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	62755	19.227	ng	97
83) Chrysene	14.115	228	489288	44.863	ng	98
84) Bis(2-ethylhexyl)phtha...	14.062	149	253132	41.433	ng	99
85) Di-n-octyl phthalate	14.680	149	342187	35.359	ng	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	458858	41.631	ng	99
88) Benzo(b)fluoranthene	15.145	252	421420	47.343	ng	100
89) Benzo(k)fluoranthene	15.180	252	394698	42.482	ng	99
90) Benzo(a)pyrene	15.527	252	362786	47.757	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	388849	42.865	ng	99
92) Benzo(g,h,i)perylene	17.586	276	386898	42.437	ng	99

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

Manual Integrations APPROVED

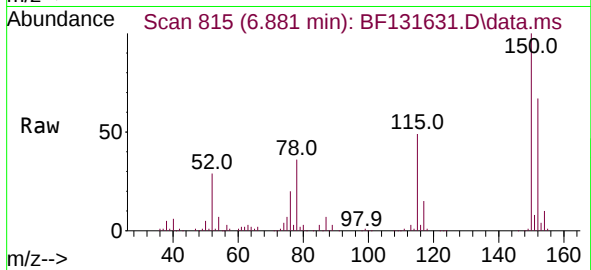
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

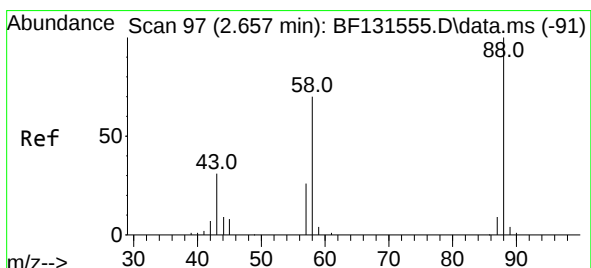
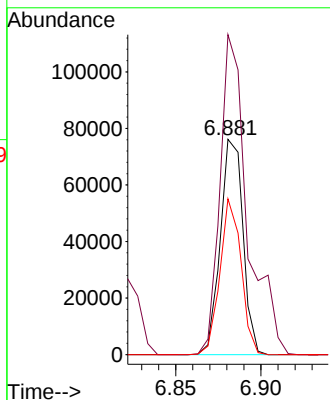
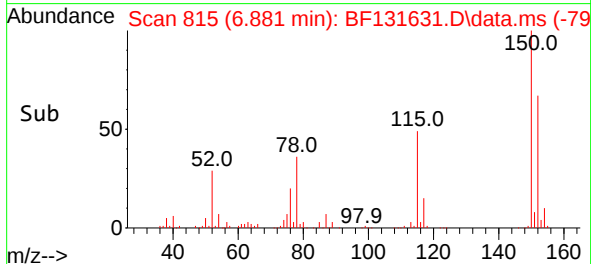
Instrument :
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 PB149594BS



Tgt Ion:152 Resp: 70404
 Ion Ratio Lower Upper
 152 100
 150 148.6 116.7 175.1
 115 72.4 54.6 82.0

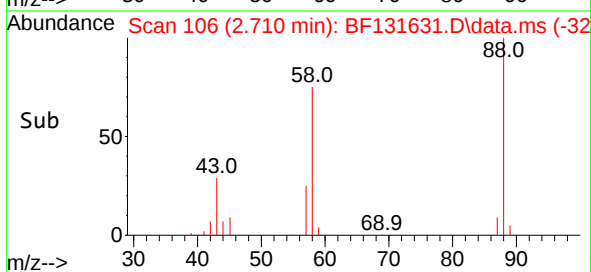
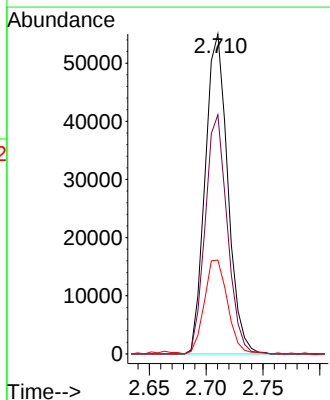
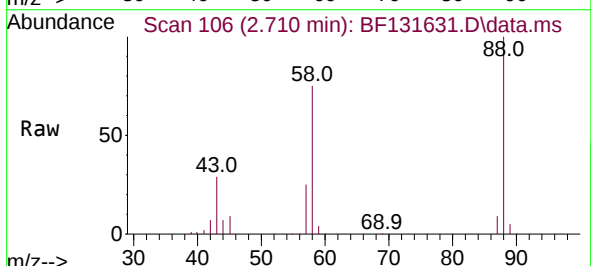
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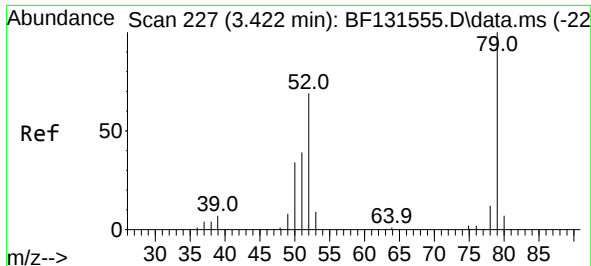
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022



#2
 1,4-Dioxane
 Concen: 39.985 ng
 RT: 2.710 min Scan# 106
 Delta R.T. 0.082 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

Tgt Ion: 88 Resp: 76166
 Ion Ratio Lower Upper
 88 100
 58 72.9 60.0 90.0
 43 30.2 26.7 40.1





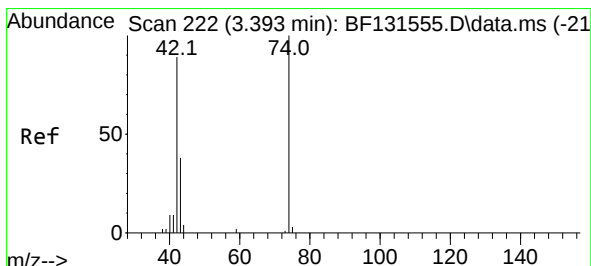
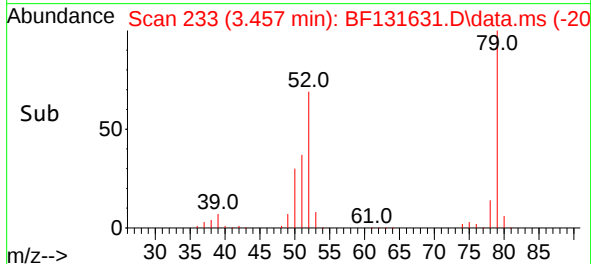
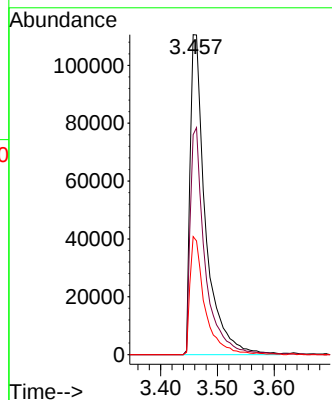
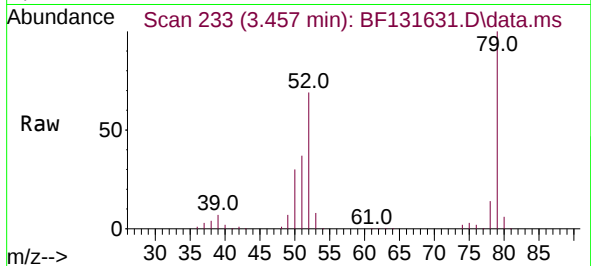
#3
Pyridine
Concen: 39.236 ng
RT: 3.457 min Scan# 231
Delta R.T. 0.065 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion: 79 Resp: 207502
Ion Ratio Lower Upper
79 100
52 68.7 55.0 82.6
51 36.9 31.4 47.2

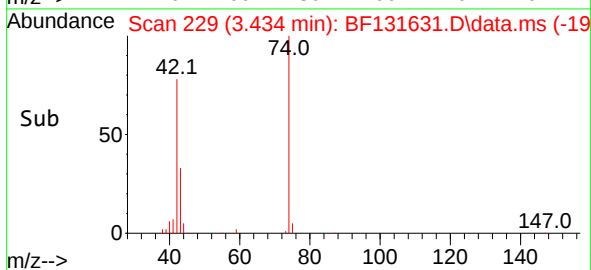
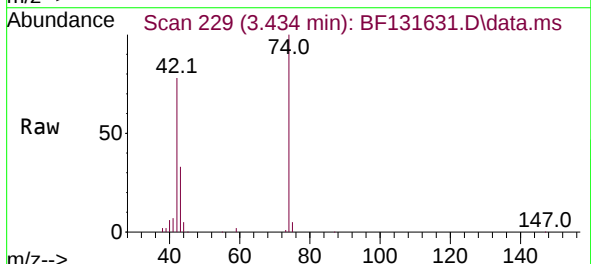
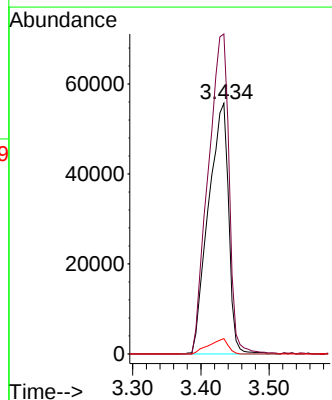
Manual Integrations
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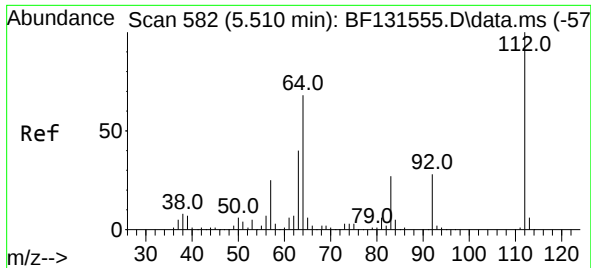
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#4
n-Nitrosodimethylamine
Concen: 39.259 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.076 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 42 Resp: 114507
Ion Ratio Lower Upper
42 100
74 127.7 90.2 135.2
44 6.1 3.7 5.5#





#5
2-Fluorophenol
Concen: 148.783 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

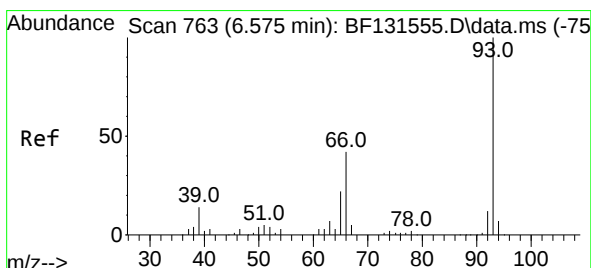
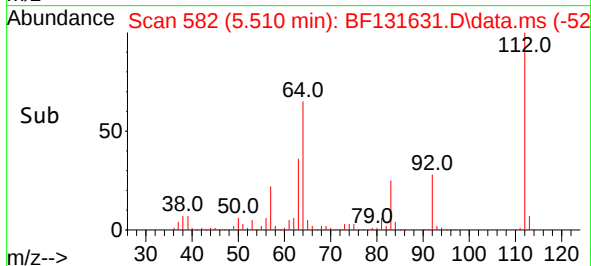
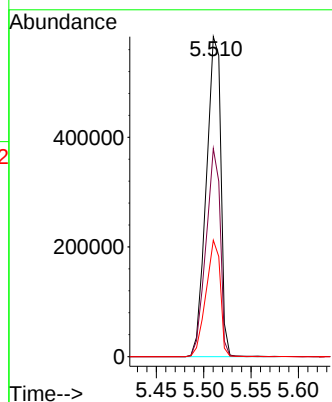
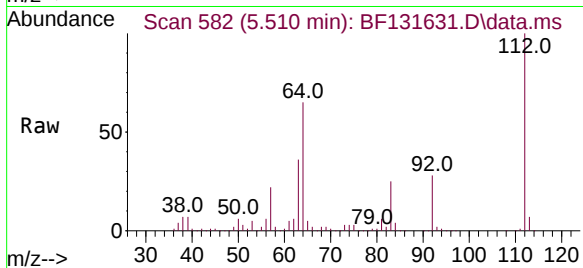
PB149594BS

Tgt Ion:112 Resp: 627885
Ion Ratio Lower Upper
112 100
64 65.0 54.5 81.7
63 36.4 31.9 47.9

Manual Integrations

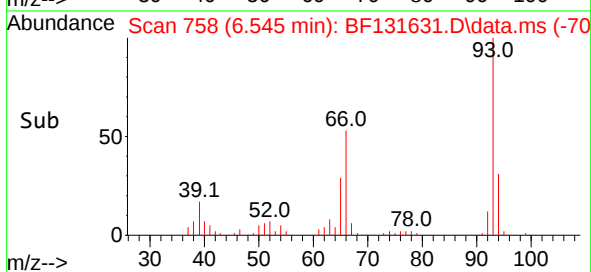
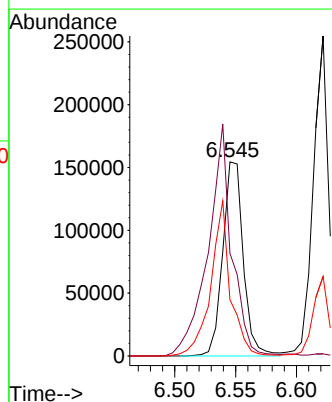
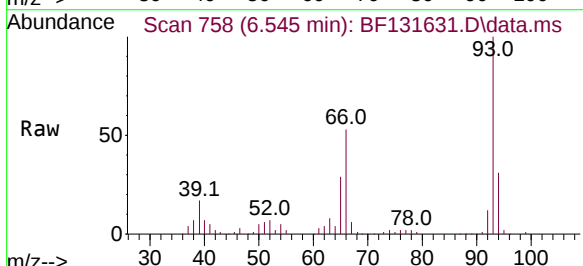
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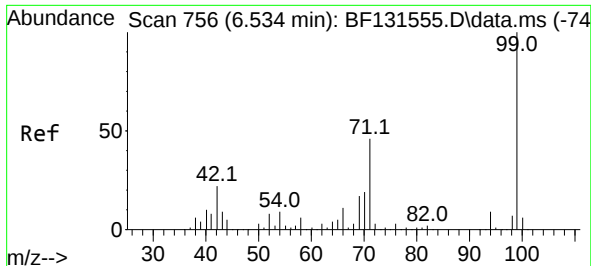
Reviewed By :Jagrut Upadhyay 12/15/2022
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#6
Aniline
Concen: 27.447 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

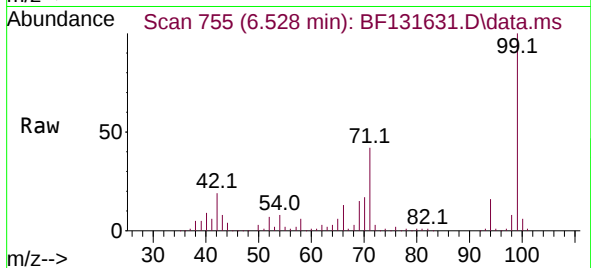
Tgt Ion: 93 Resp: 181533
Ion Ratio Lower Upper
93 100
66 52.8 34.6 51.8#
65 28.9 17.7 26.5#





#7
Phenol-d6
Concen: 145.860 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

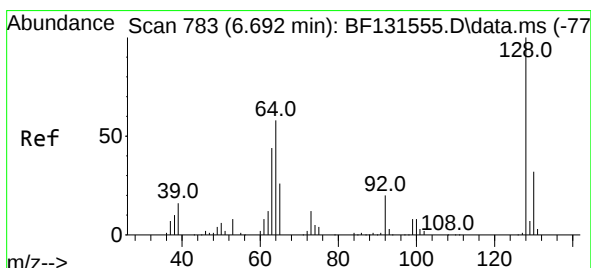
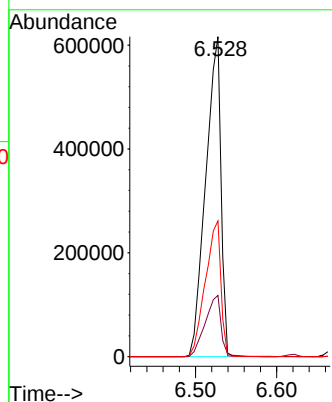
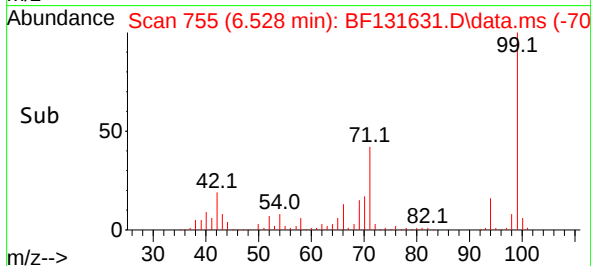
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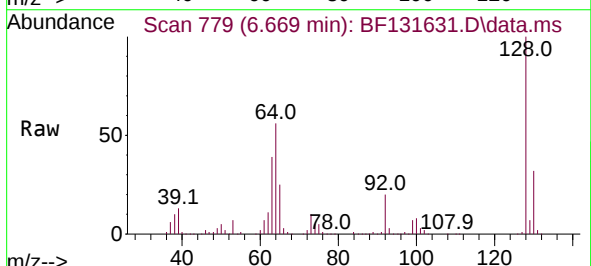
Tgt Ion: 99 Resp: 806634
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 42.4 37.2 55.8

Manual Integrations
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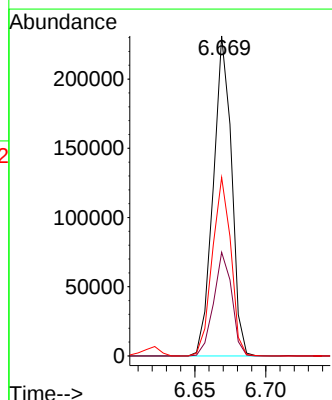
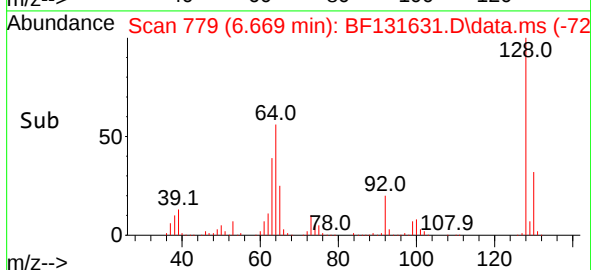
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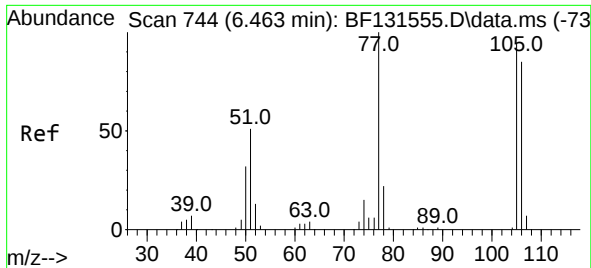


#8
2-Chlorophenol
Concen: 46.399 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion:128 Resp: 207510
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 55.8 40.6 80.6





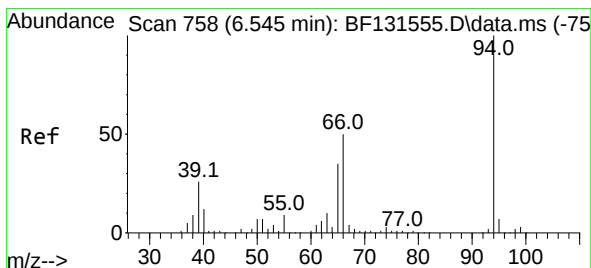
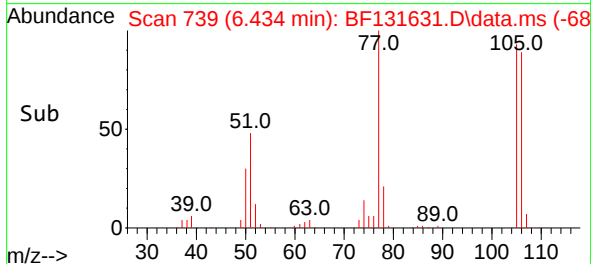
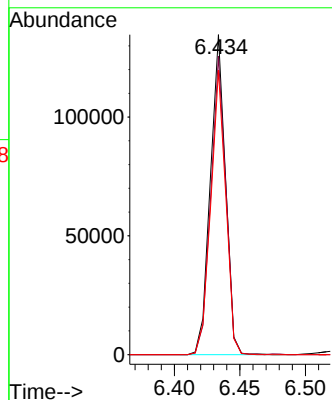
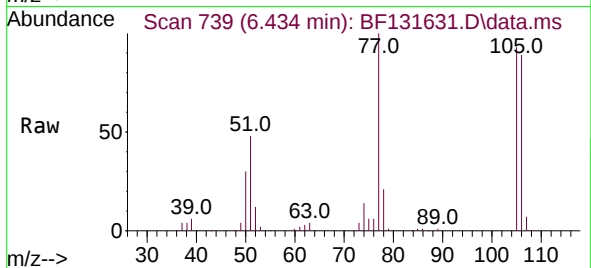
#9
Benzaldehyde
Concen: 28.427 ng
RT: 6.434 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
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PB149594BS

Tgt Ion: 77 Resp: 107695
Ion Ratio Lower Upper
77 100
105 93.2 73.8 113.8
106 88.8 65.2 105.2

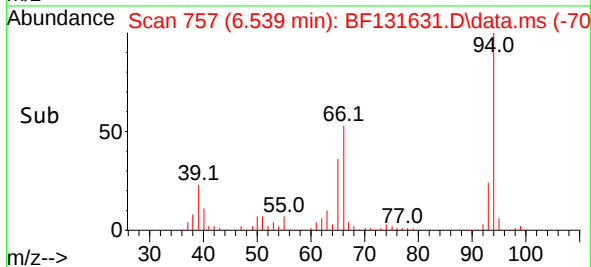
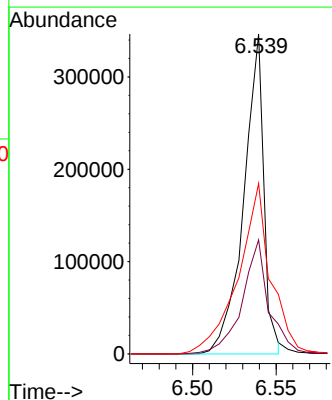
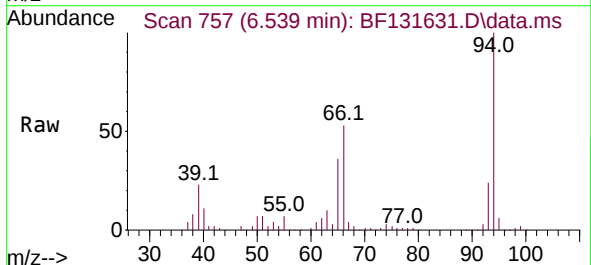
Manual Integrations
APPROVED

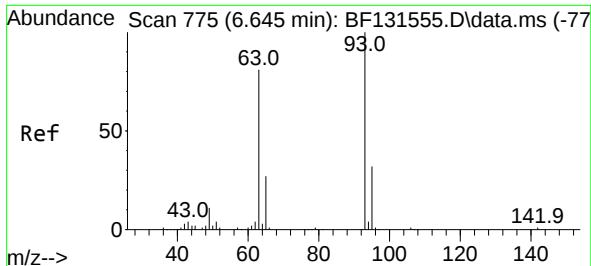
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#10
Phenol
Concen: 46.933 ng m
RT: 6.539 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 94 Resp: 289509
Ion Ratio Lower Upper
94 100
65 35.6 14.8 54.8
66 53.2 30.8 70.8





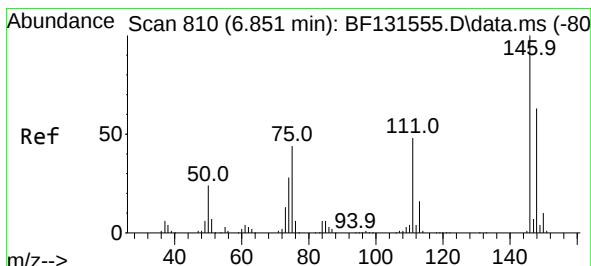
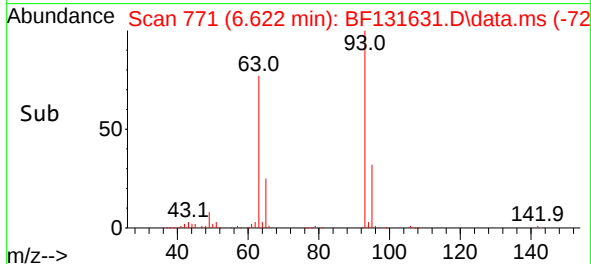
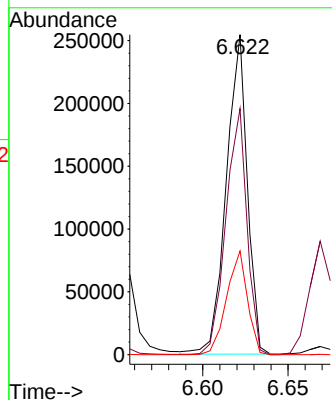
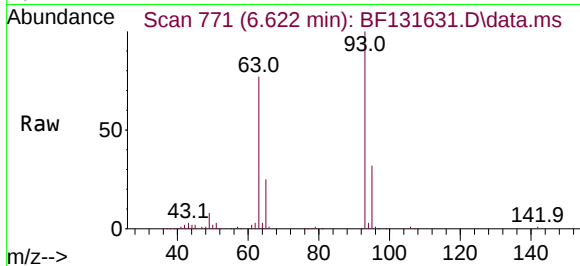
#11
bis(2-Chloroethyl)ether
Concen: 47.123 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion: 93 Resp: 217896
Ion Ratio Lower Upper
93 100
63 76.9 60.4 100.4
95 32.4 12.3 52.3

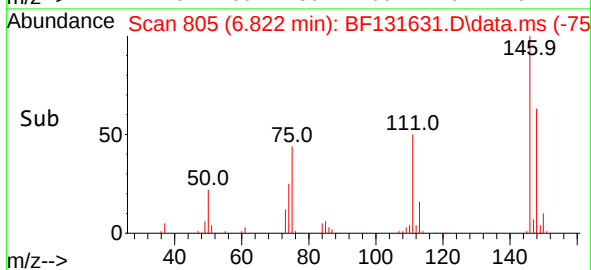
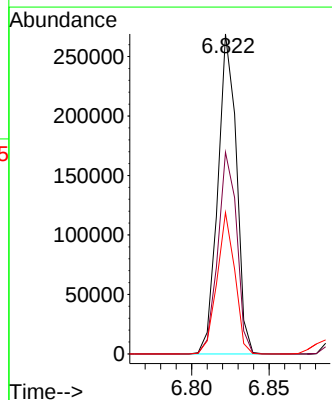
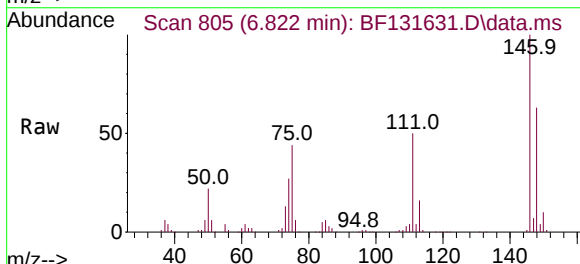
Manual Integrations
APPROVED

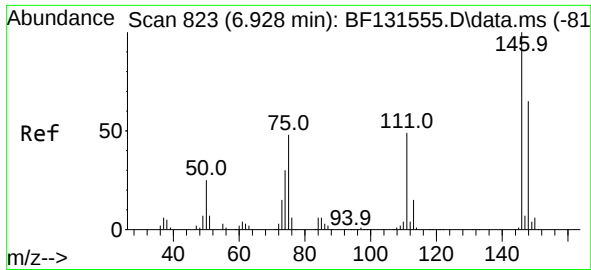
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#12
1,3-Dichlorobenzene
Concen: 43.214 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:146 Resp: 224067
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
75 44.2 35.1 52.7





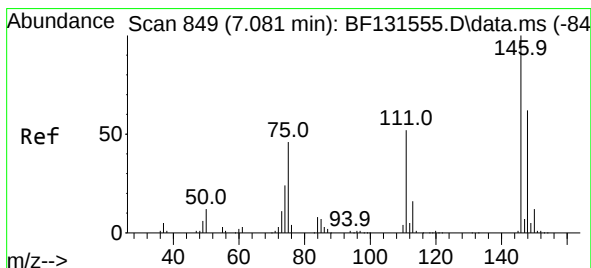
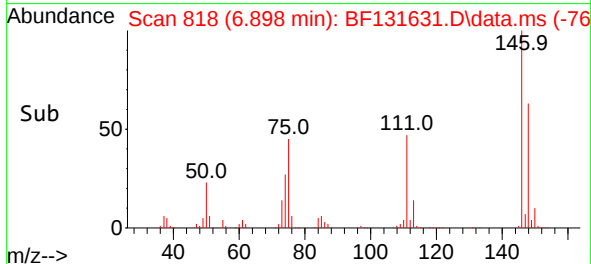
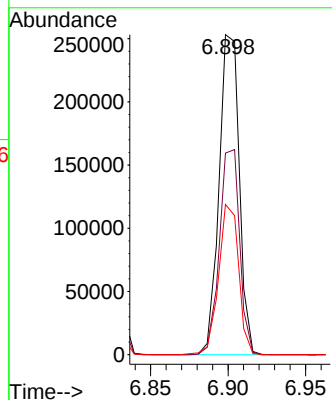
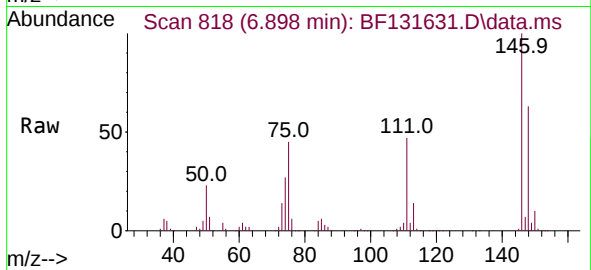
#13
1,4-Dichlorobenzene
Concen: 43.925 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion:146 Resp: 229733
Ion Ratio Lower Upper
146 100
148 63.0 51.8 77.6
111 46.9 38.9 58.3

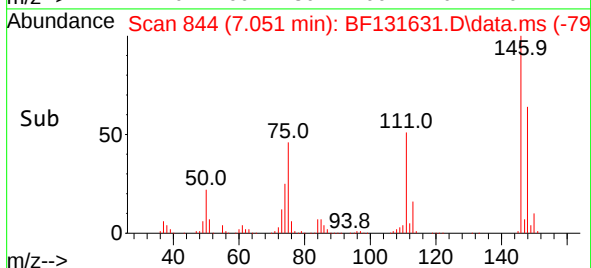
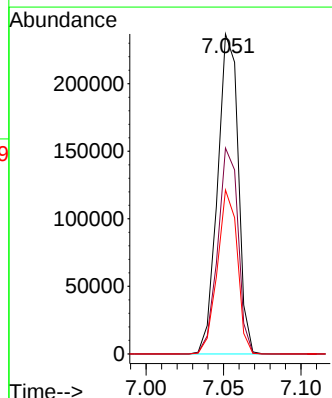
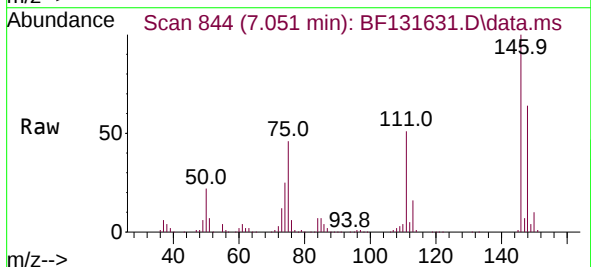
Manual Integrations
APPROVED

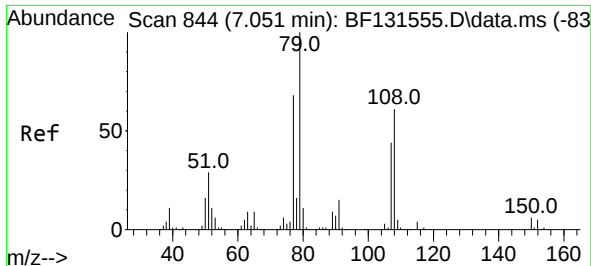
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#14
1,2-Dichlorobenzene
Concen: 43.936 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:146 Resp: 219510
Ion Ratio Lower Upper
146 100
148 64.3 49.9 74.9
111 51.2 41.8 62.6





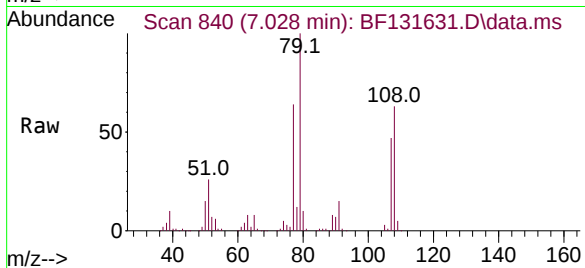
#15
Benzyl Alcohol
Concen: 44.823 ng
RT: 7.028 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

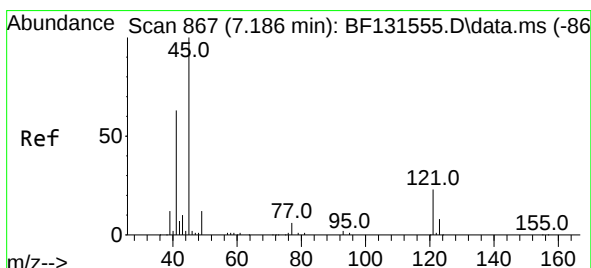
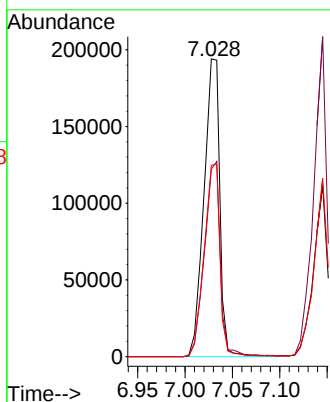
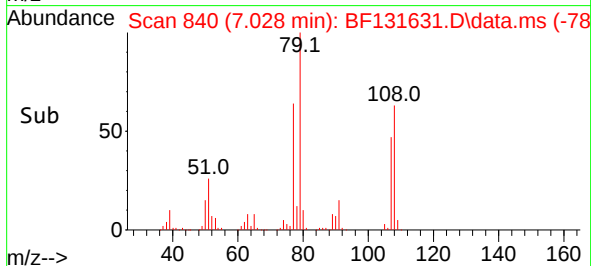
PB149594BS



Tgt Ion: 79 Resp: 227249
Ion Ratio Lower Upper
79 100
108 63.0 49.2 73.8
77 64.3 54.5 81.7

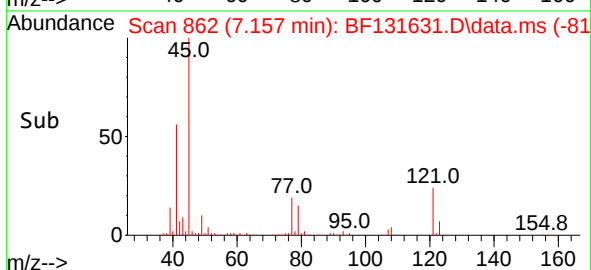
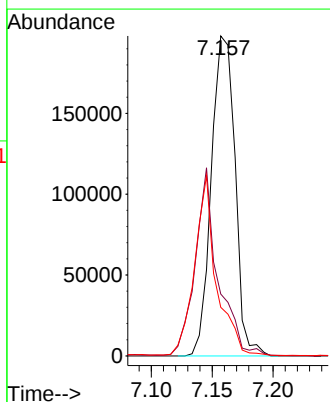
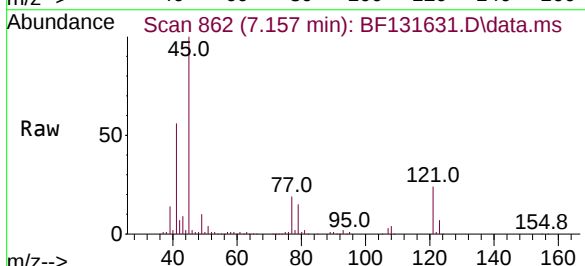
Manual Integrations
APPROVED

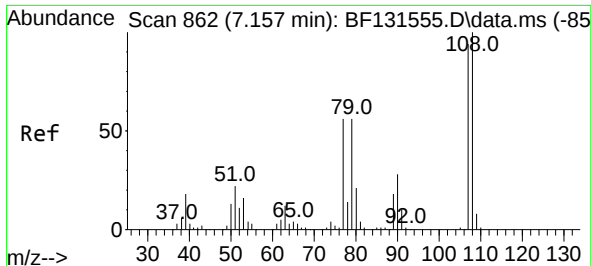
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.930 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 45 Resp: 268367
Ion Ratio Lower Upper
45 100
77 19.3 0.0 37.7
79 15.2 0.0 33.6





#17
2-Methylphenol
Concen: 46.226 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

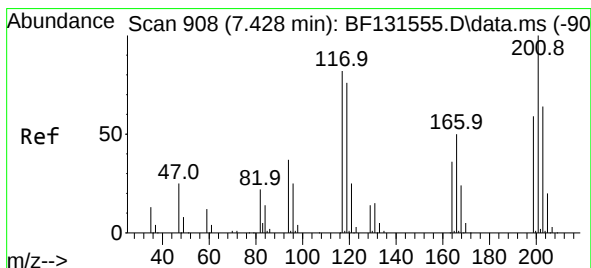
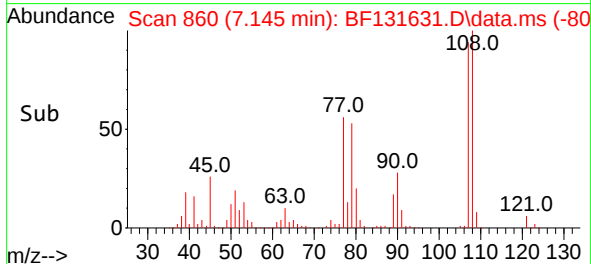
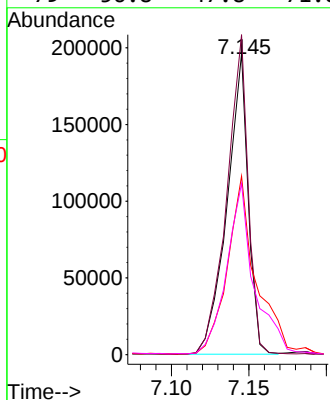
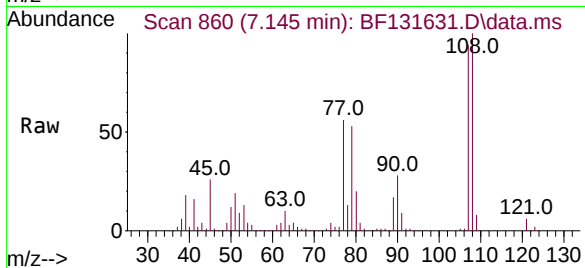
PB149594BS

Tgt Ion:107 Resp: 186318
Ion Ratio Lower Upper
107 100
108 106.3 85.5 128.3
77 59.3 48.2 72.4
79 56.8 47.8 71.8

Manual Integrations

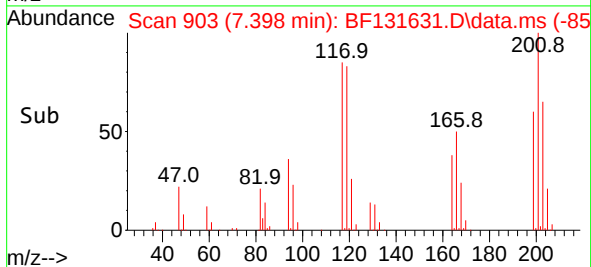
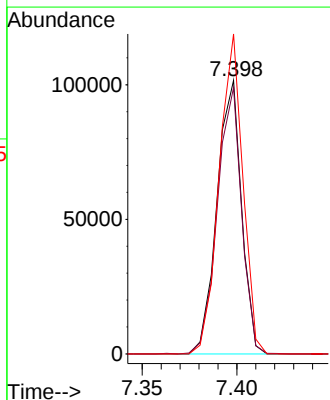
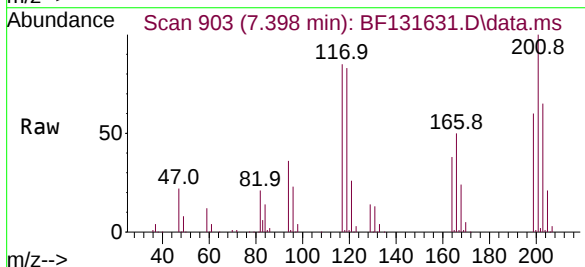
APPROVED

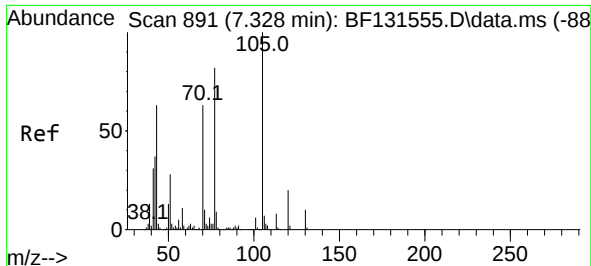
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#18
Hexachloroethane
Concen: 43.379 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

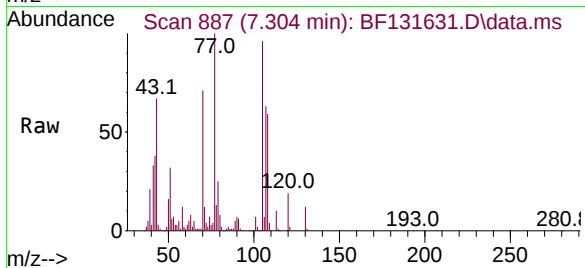
Tgt Ion:117 Resp: 91521
Ion Ratio Lower Upper
117 100
119 97.3 75.0 112.4
201 117.0 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.733 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

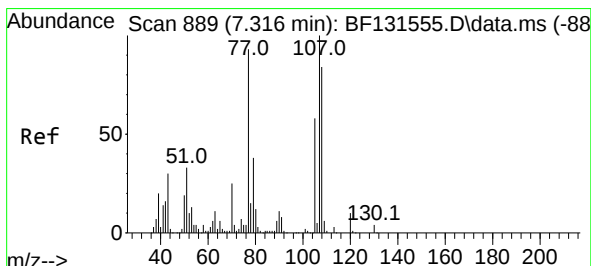
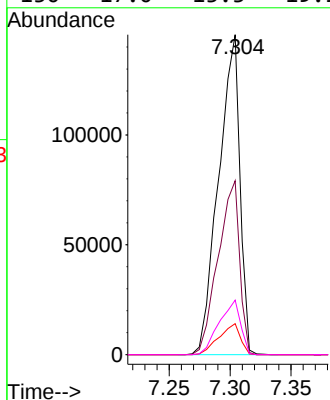
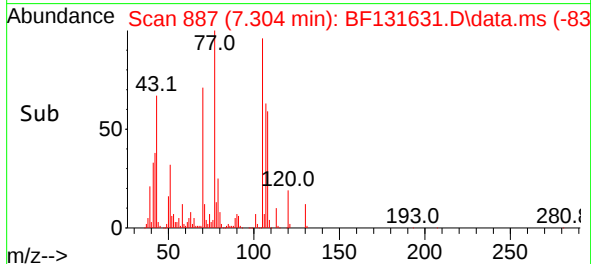
Instrument :
BNA_F
ClientSampleId :
PB149594BS



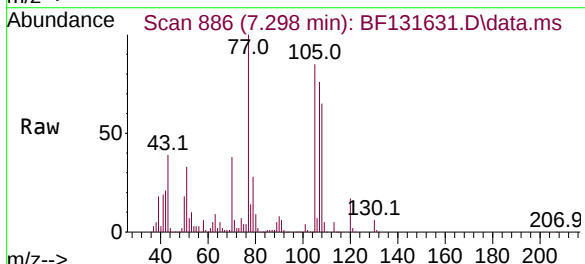
Tgt Ion: 70 Resp: 177205
Ion Ratio Lower Upper
70 100
42 54.3 46.4 69.6
101 9.7 7.2 10.8
130 17.0 13.3 19.9

Manual Integrations
APPROVED

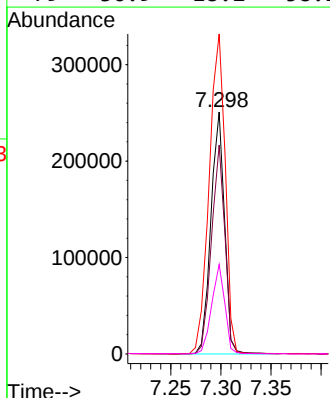
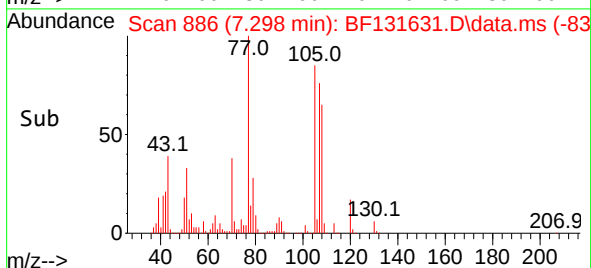
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

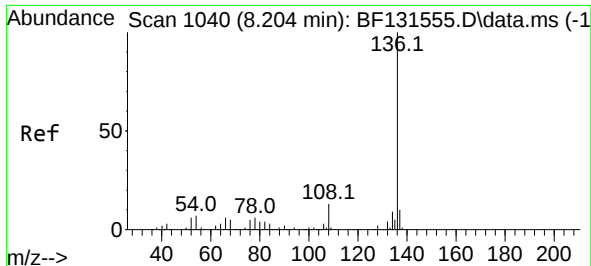


#20
3+4-Methylphenols
Concen: 43.300 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



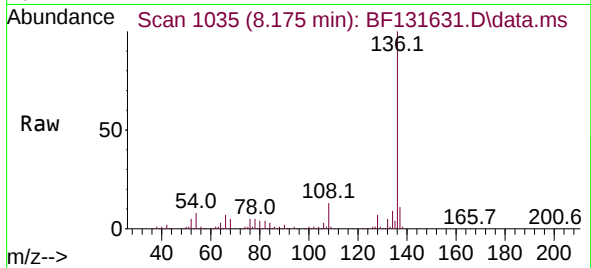
Tgt Ion:107 Resp: 237711
Ion Ratio Lower Upper
107 100
108 86.3 64.0 104.0
77 132.3 73.1 113.1#
79 36.9 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

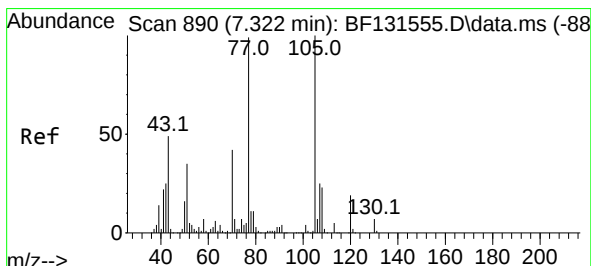
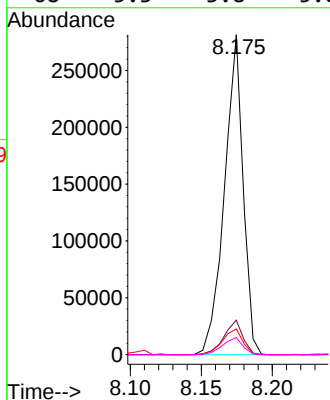
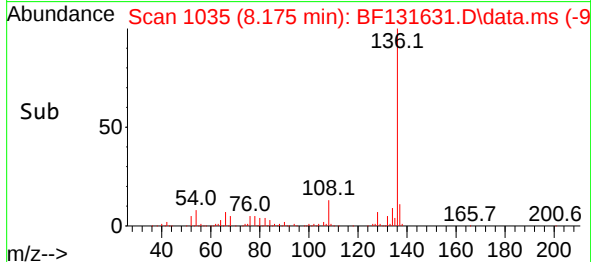
Instrument :
BNA_F
ClientSampleId :
PB149594BS



Tgt Ion:136 Resp: 257108
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.0 6.0 9.0
68 5.3 3.8 5.8

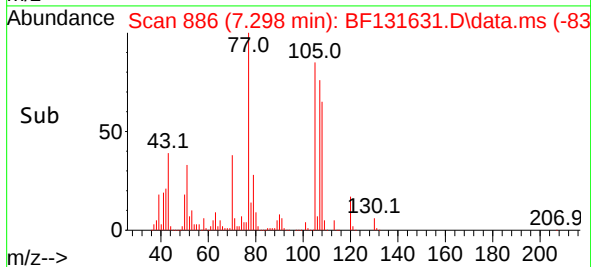
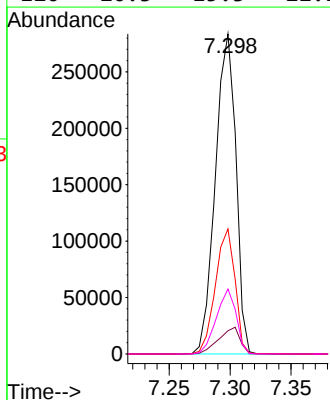
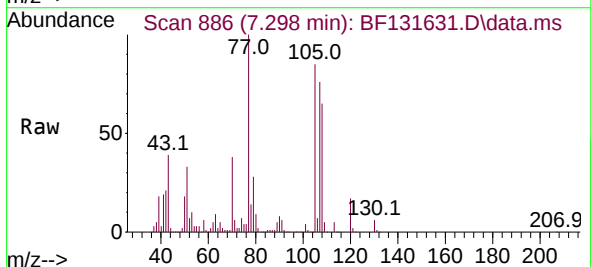
Manual Integrations
APPROVED

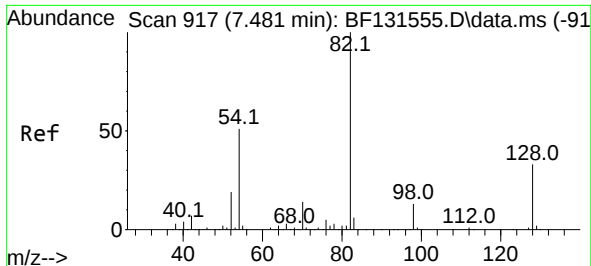
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#22
Acetophenone
Concen: 41.397 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:105 Resp: 333541
Ion Ratio Lower Upper
105 100
71 7.2 5.4 8.0
51 39.0 27.8 41.6
120 20.3 15.3 22.9





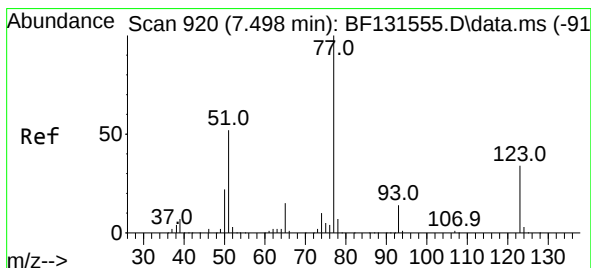
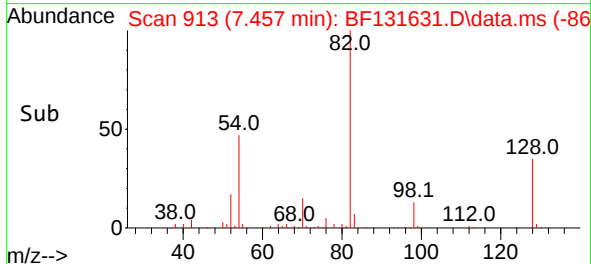
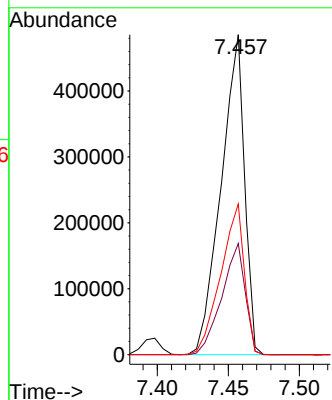
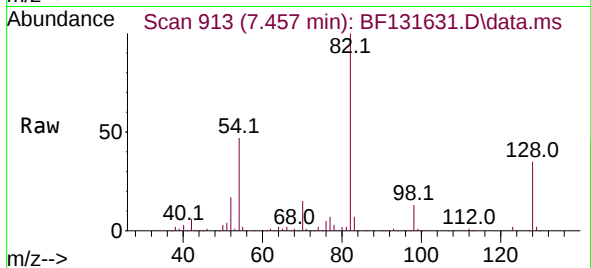
#23
Nitrobenzene-d5
Concen: 82.083 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion: 82 Resp: 558209
Ion Ratio Lower Upper
82 100
128 34.7 26.1 39.1
54 47.1 40.6 60.8

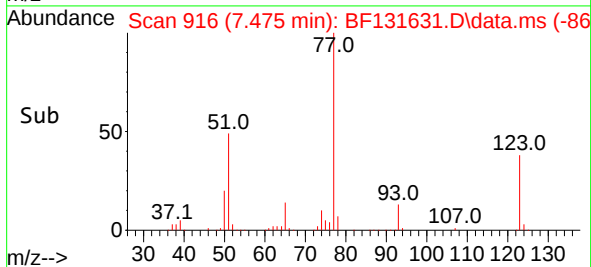
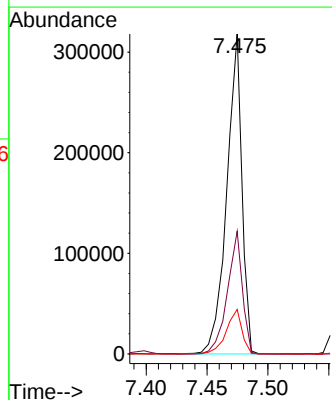
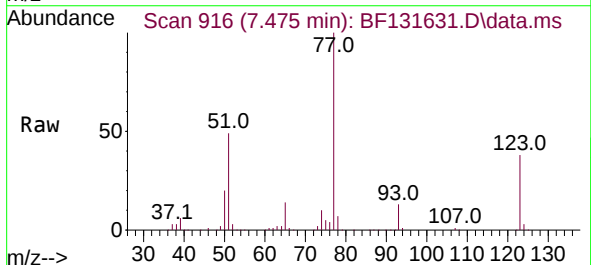
Manual Integrations
APPROVED

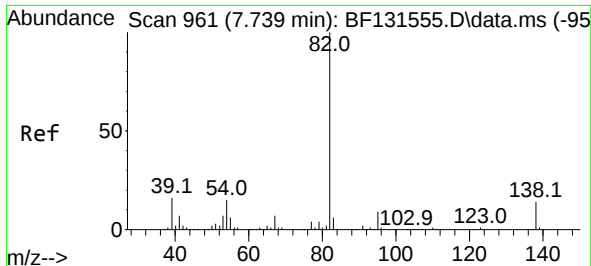
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#24
Nitrobenzene
Concen: 40.052 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion: 77 Resp: 274714
Ion Ratio Lower Upper
77 100
123 38.3 27.1 40.7
65 13.9 11.9 17.9





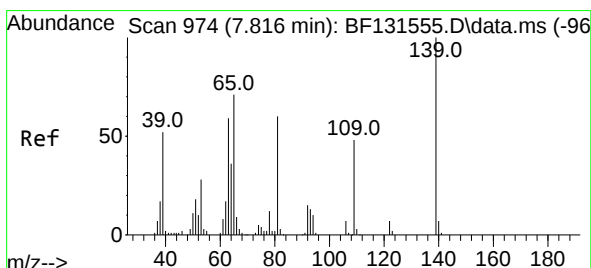
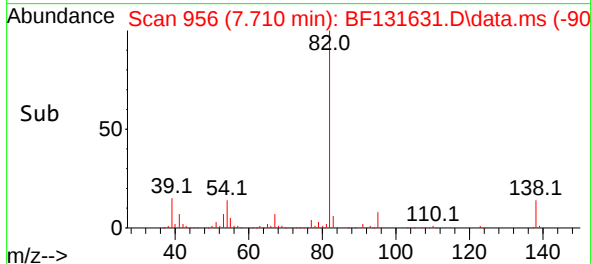
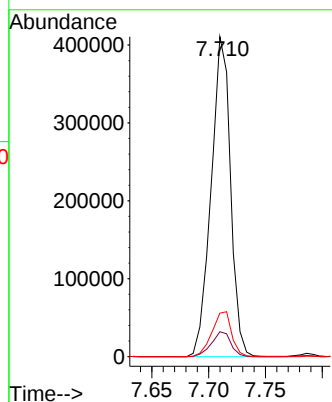
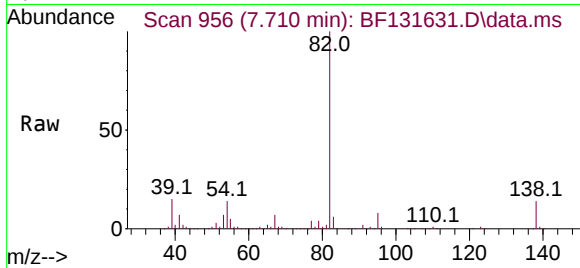
#25
Isophorone
Concen: 44.533 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion: 82 Resp: 487814
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 13.6 11.4 17.0

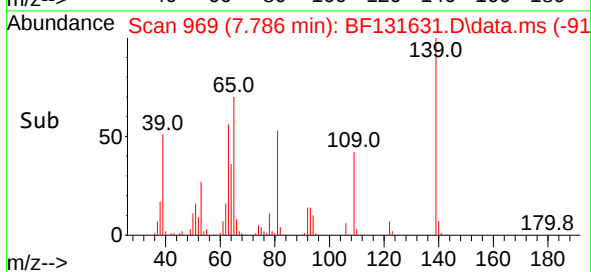
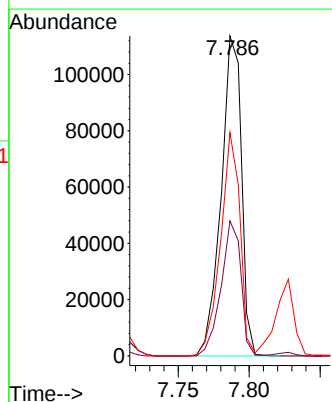
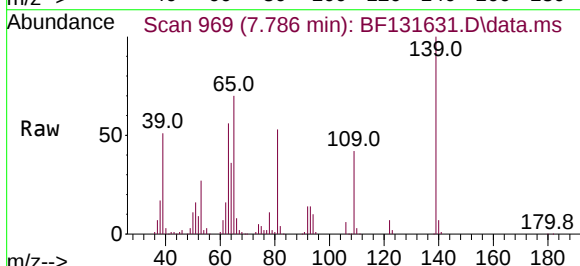
Manual Integrations
APPROVED

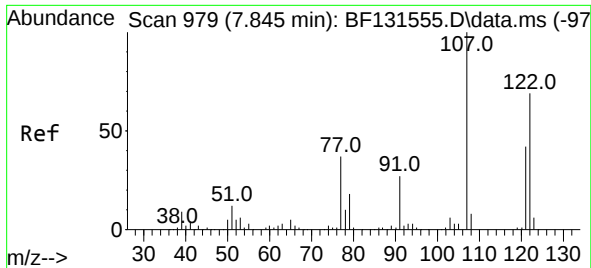
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#26
2-Nitrophenol
Concen: 48.526 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:139 Resp: 113505
Ion Ratio Lower Upper
139 100
109 42.2 38.6 58.0
65 69.8 56.5 84.7





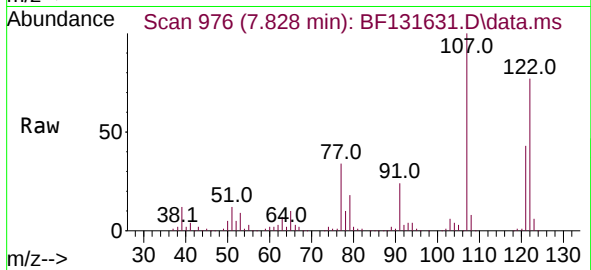
#27
2,4-Dimethylphenol
Concen: 52.681 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

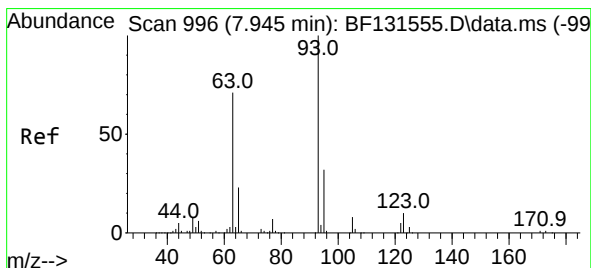
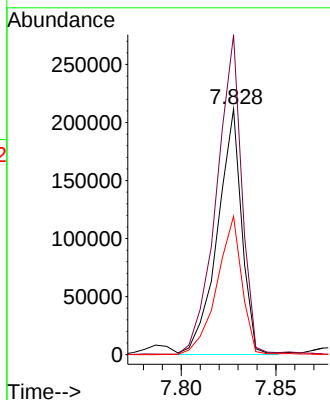
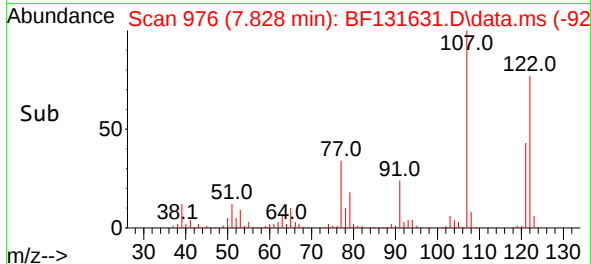


Tgt Ion:122 Resp: 188868
Ion Ratio Lower Upper
122 100
107 130.3 114.2 171.2
121 56.3 48.2 72.2

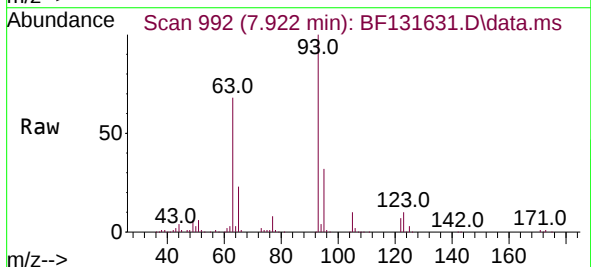
Manual Integrations

APPROVED

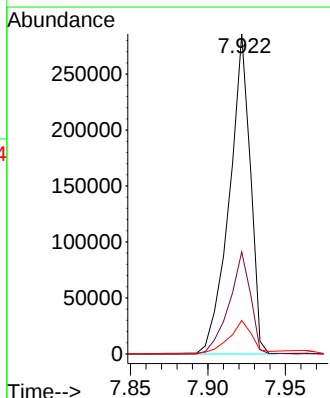
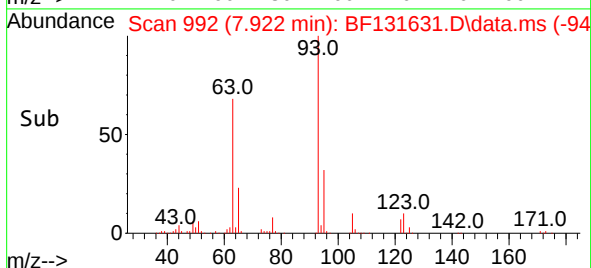
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

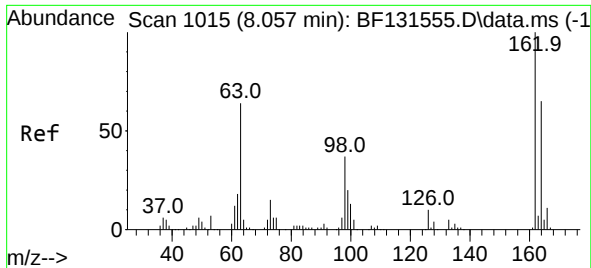


#28
bis(2-Chloroethoxy)methane
Concen: 47.425 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion: 93 Resp: 268738
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 10.4 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.915 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

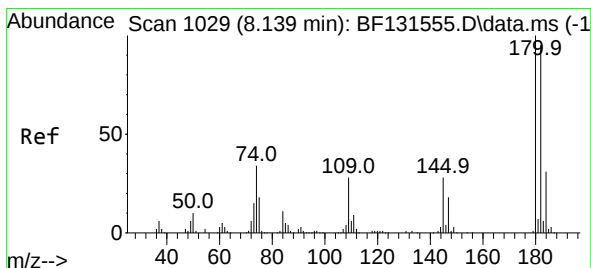
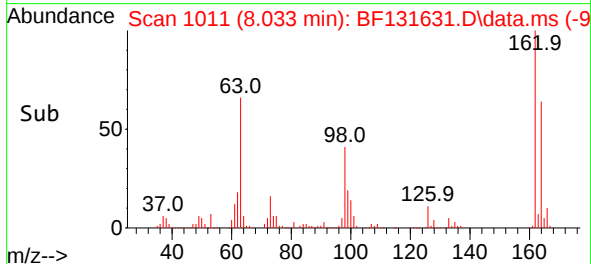
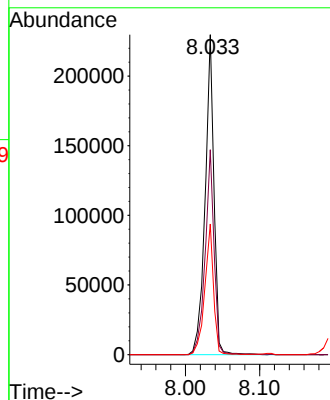
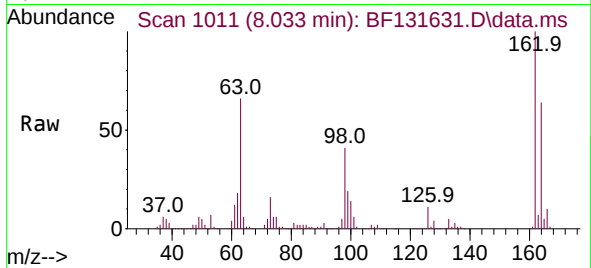
PB149594BS

Tgt Ion:162 Resp: 190237
 Ion Ratio Lower Upper
 162 100
 164 64.0 45.0 85.0
 98 40.8 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.479 ng

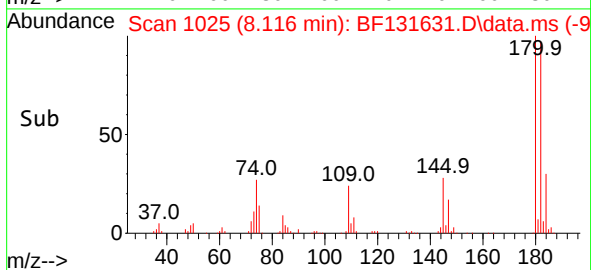
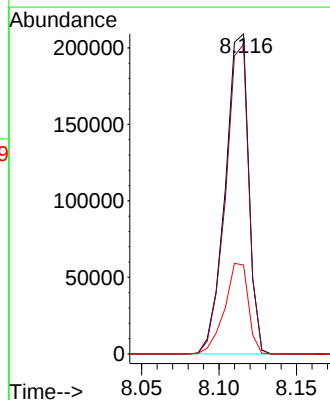
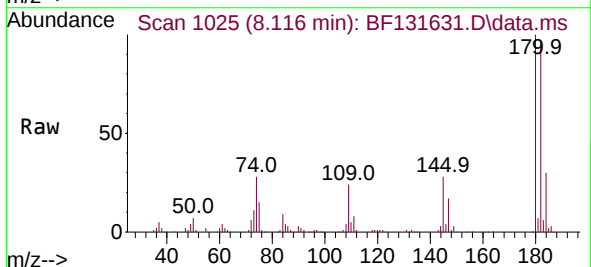
RT: 8.116 min Scan# 1025

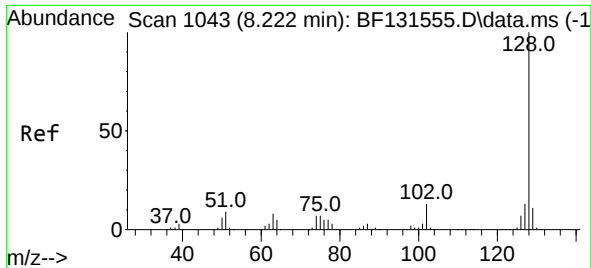
Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

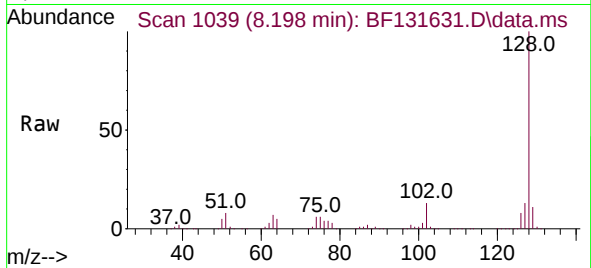
Tgt Ion:180 Resp: 220054
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.8 113.6
 145 27.8 22.4 33.6





#31
Naphthalene
Concen: 40.888 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

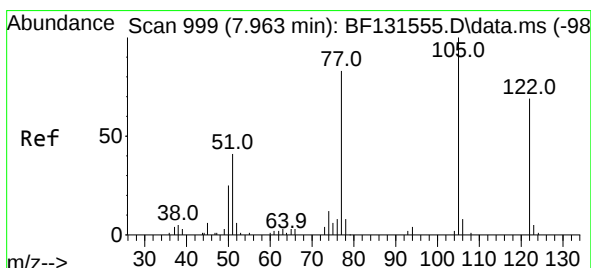
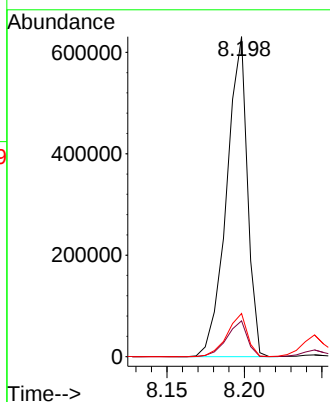
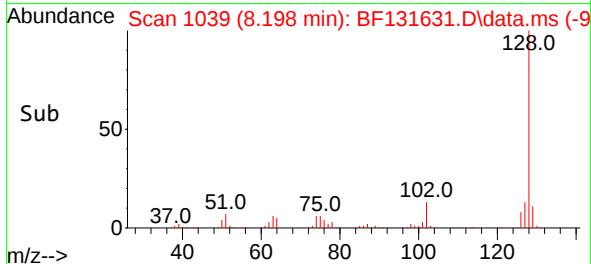
Instrument :
BNA_F
ClientSampleId :
PB149594BS



Tgt Ion:128 Resp: 592100
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.5 10.6 15.8

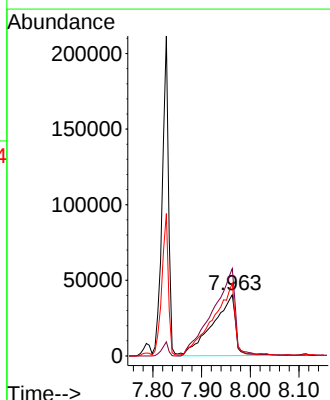
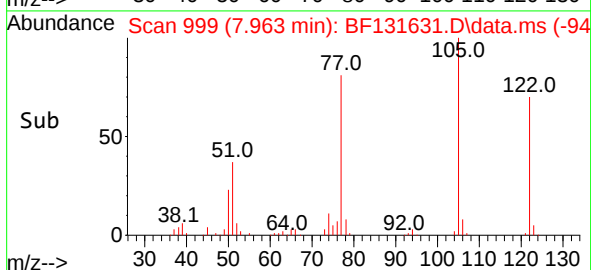
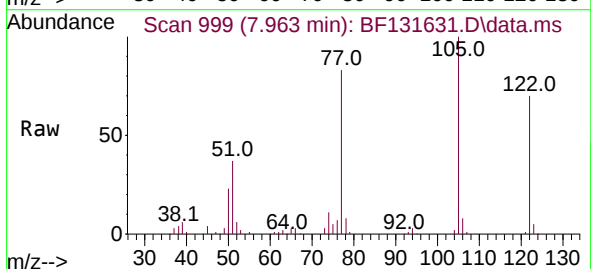
Manual Integrations
APPROVED

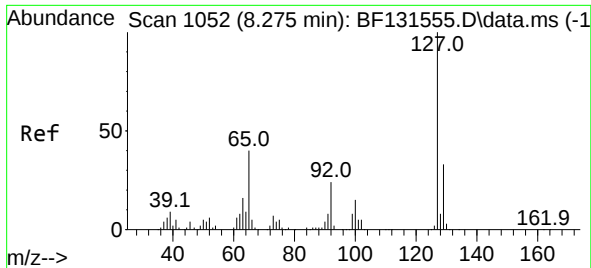
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#32
Benzoic acid
Concen: 50.745 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:122 Resp: 131755
Ion Ratio Lower Upper
122 100
105 143.0 119.8 159.8
77 118.9 97.6 137.6





#33
4-Chloroaniline
Concen: 10.307 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

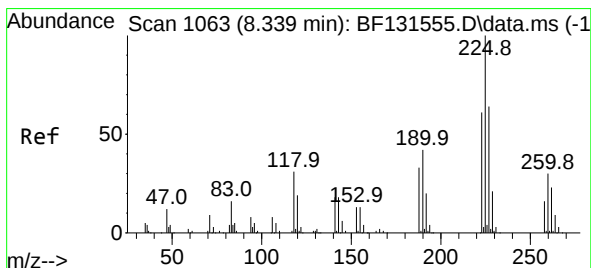
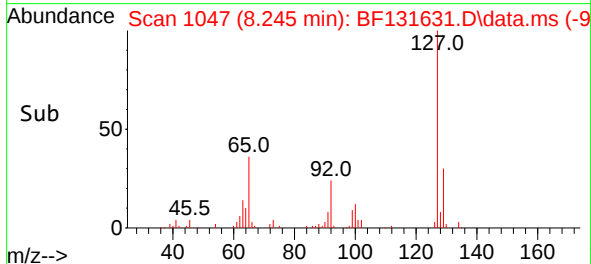
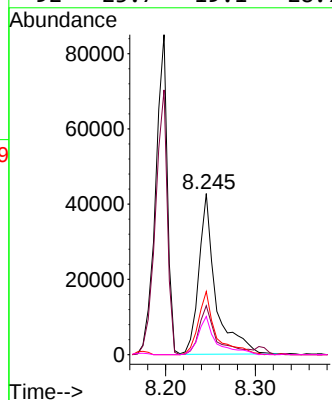
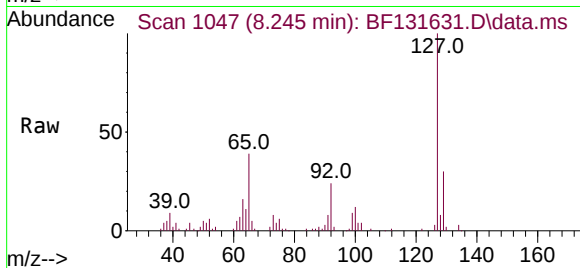
PB149594BS

Tgt Ion:127 Resp: 55946
Ion Ratio Lower Upper
127 100
129 30.4 26.4 39.6
65 39.3 31.9 47.9
92 23.7 19.1 28.7

Manual Integrations

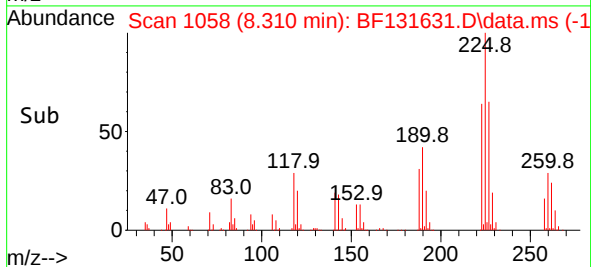
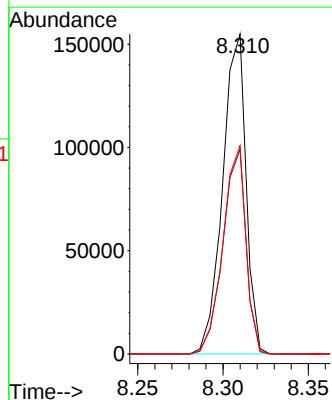
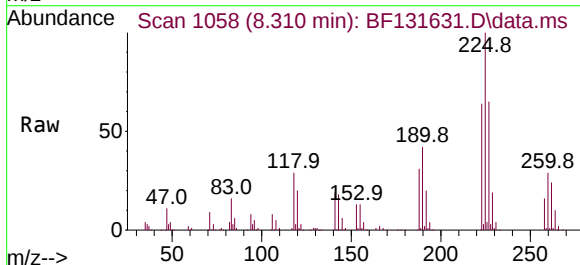
APPROVED

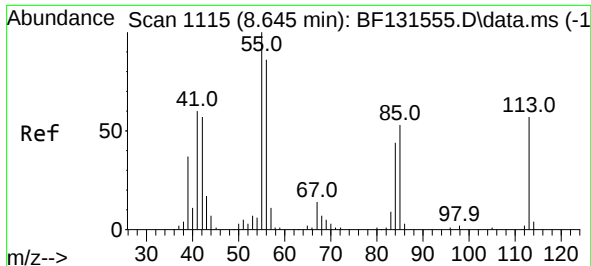
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#34
Hexachlorobutadiene
Concen: 38.606 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

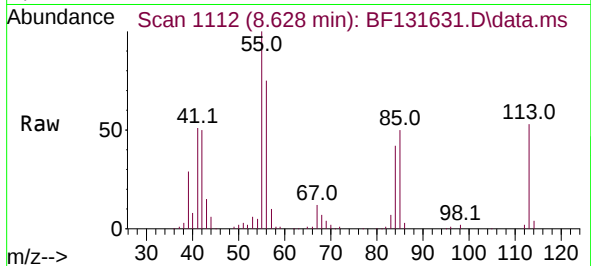
Tgt Ion:225 Resp: 147913
Ion Ratio Lower Upper
225 100
223 63.9 48.7 73.1
227 65.1 51.0 76.6





#35
Caprolactam
Concen: 49.486 ng m
RT: 8.628 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

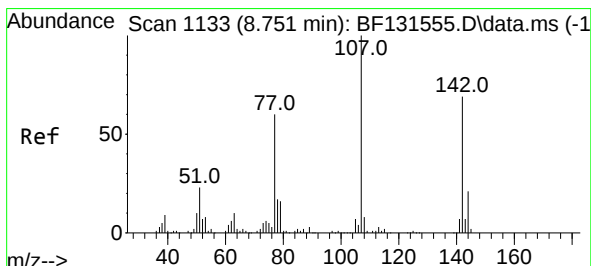
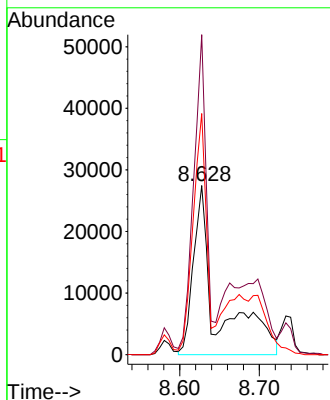
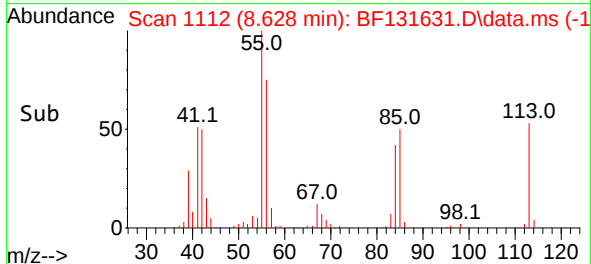
Instrument :
BNA_F
ClientSampleId :
PB149594BS



Tgt Ion:113 Resp: 56746
Ion Ratio Lower Upper
113 100
55 189.3 155.8 195.8
56 142.5 131.7 171.7

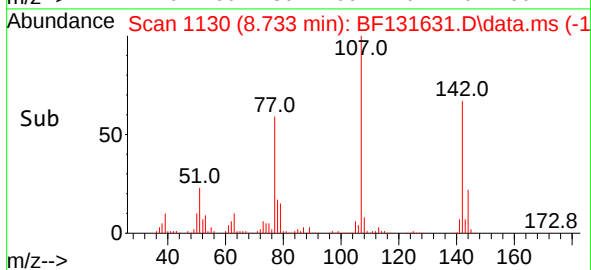
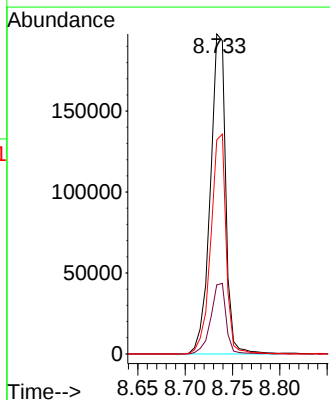
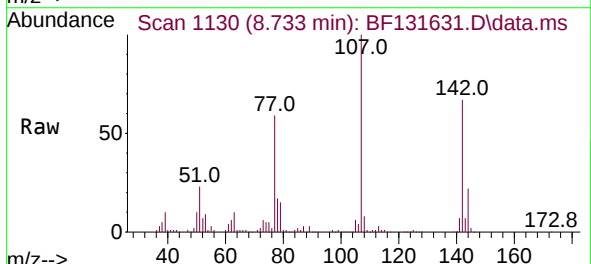
Manual Integrations
APPROVED

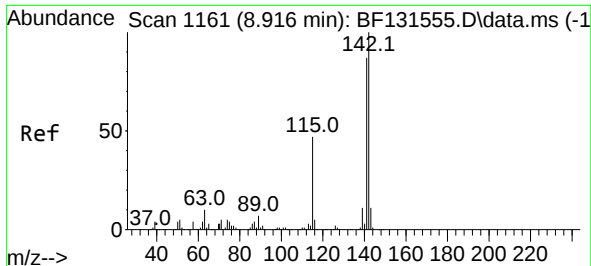
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#36
4-Chloro-3-methylphenol
Concen: 44.996 ng
RT: 8.733 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:107 Resp: 223978
Ion Ratio Lower Upper
107 100
144 21.6 17.0 25.4
142 66.9 54.8 82.2





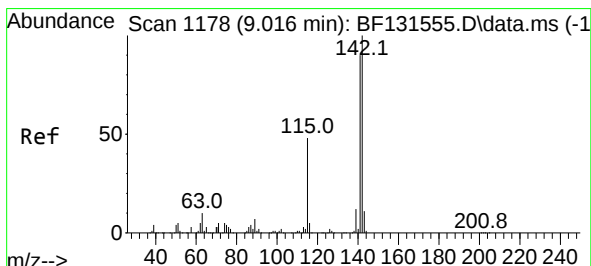
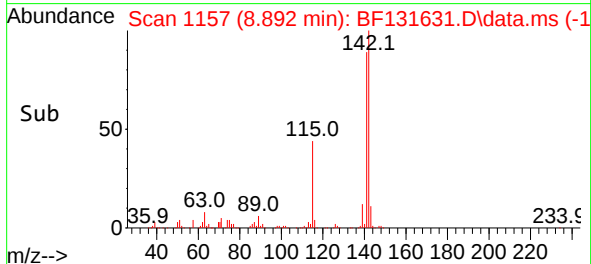
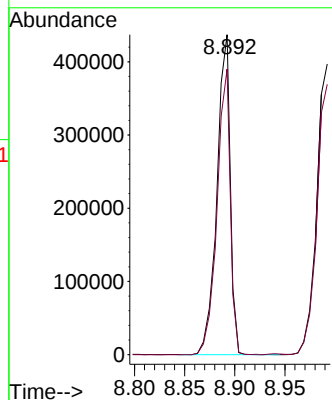
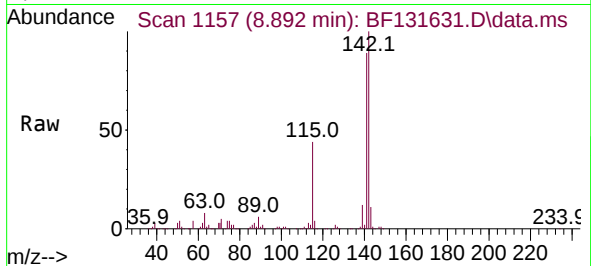
#37
2-Methylnaphthalene
Concen: 40.817 ng
RT: 8.892 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion:142 Resp: 404232
Ion Ratio Lower Upper
142 100
141 89.2 69.7 104.5

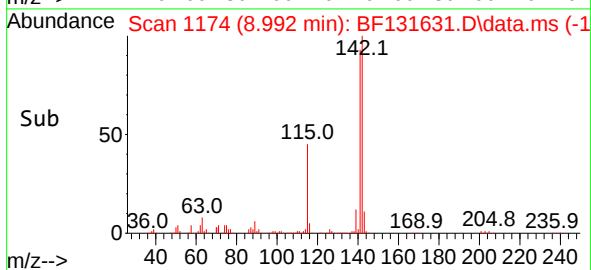
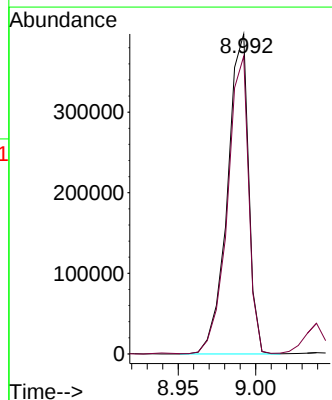
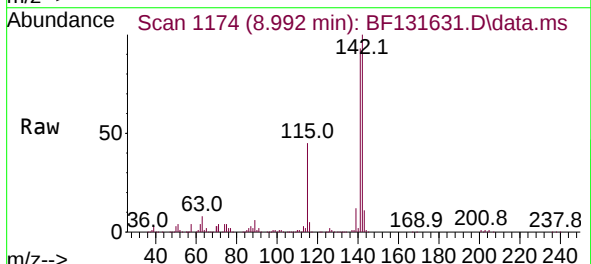
Manual Integrations
APPROVED

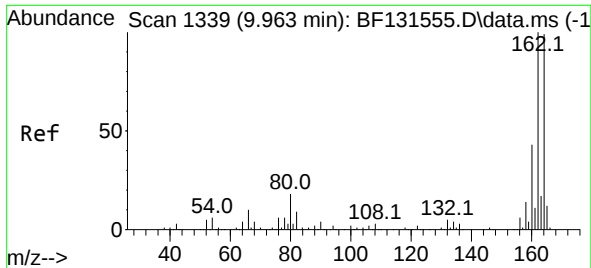
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#38
1-Methylnaphthalene
Concen: 39.779 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

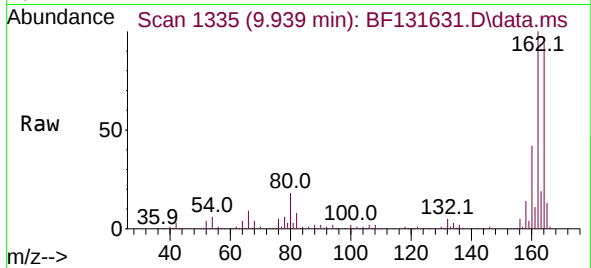
Tgt Ion:142 Resp: 378175
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

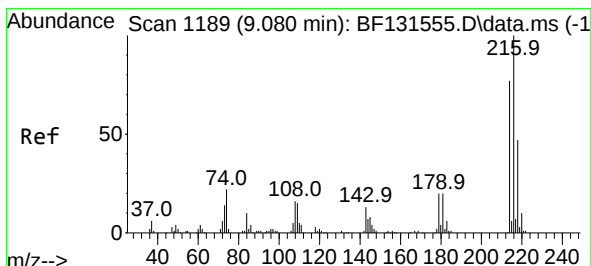
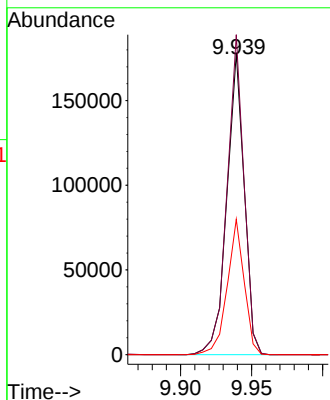
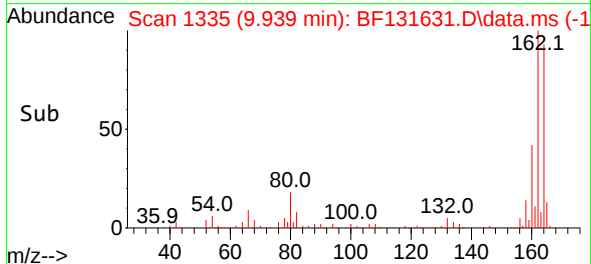
Instrument :
BNA_F
ClientSampleId :
PB149594BS



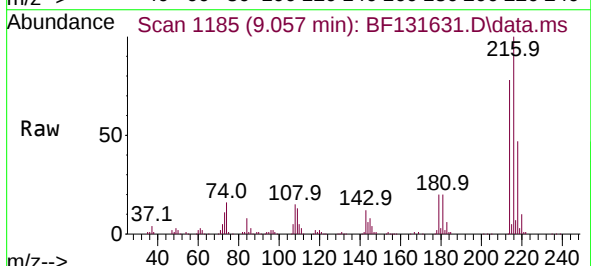
Tgt Ion:164 Resp: 15125
Ion Ratio Lower Upper
164 100
162 106.1 81.0 121.6
160 44.9 35.0 52.6

Manual Integrations
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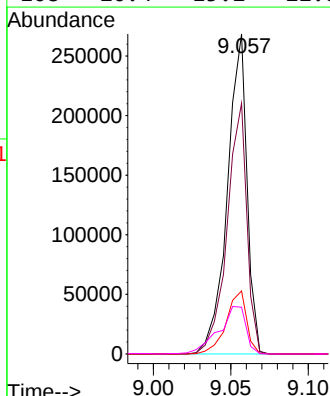
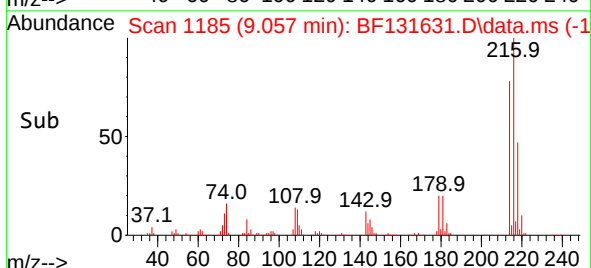
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

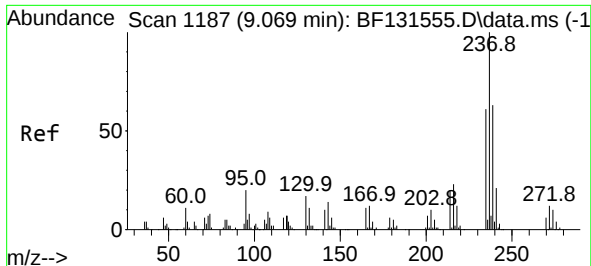


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.534 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



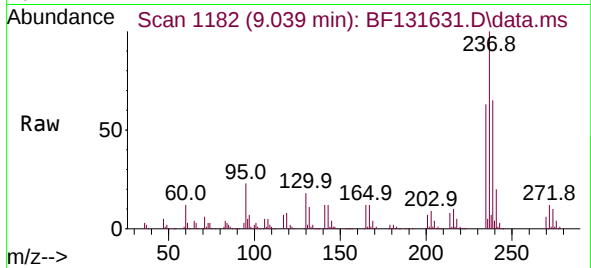
Tgt Ion:216 Resp: 238155
Ion Ratio Lower Upper
216 100
214 78.6 62.1 93.1
179 20.3 16.0 24.0
108 20.4 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 100.856 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

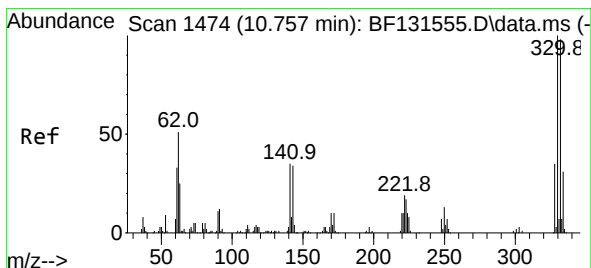
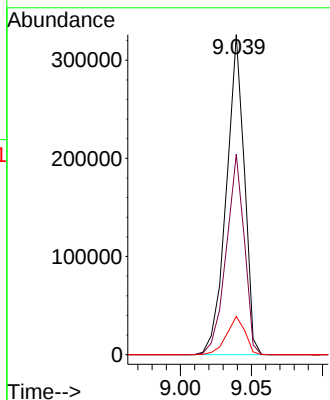
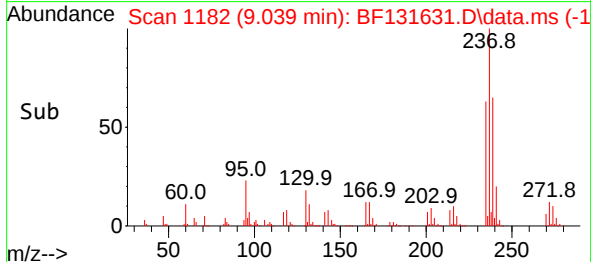
Instrument :
BNA_F
ClientSampleId :
PB149594BS



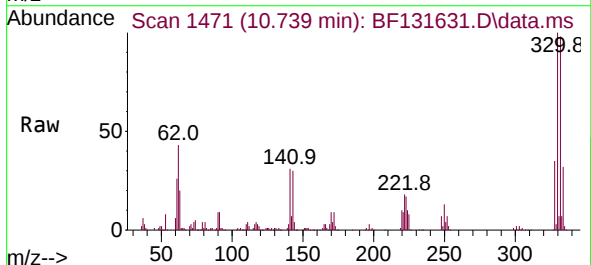
Tgt Ion: 237 Resp: 286634
Ion Ratio Lower Upper
237 100
235 62.6 40.6 80.6
272 11.9 0.0 32.2

Manual Integrations
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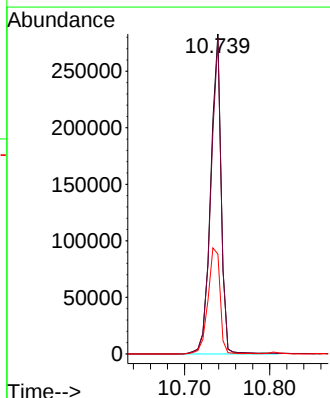
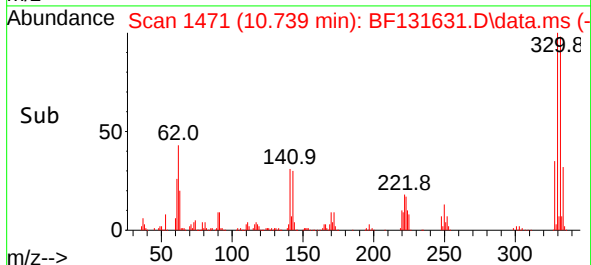
Reviewed By : Jagrut Upadhyay 12/15/2022
Supervised By : mohammad ahmed 12/17/2022

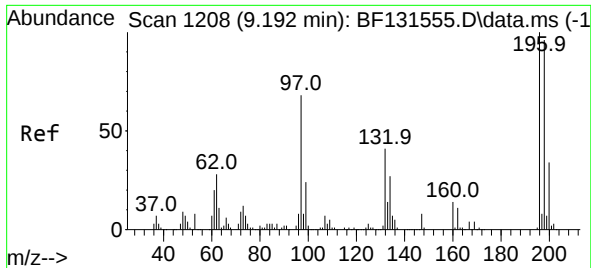


#42
2,4,6-Tribromophenol
Concen: 143.189 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



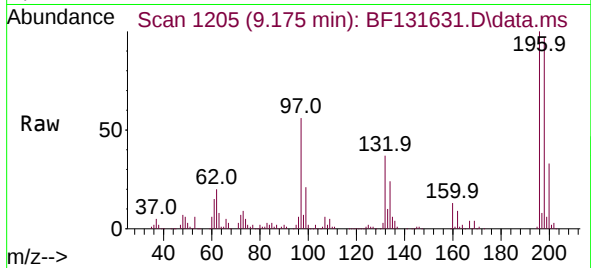
Tgt Ion: 330 Resp: 240630
Ion Ratio Lower Upper
330 100
332 97.3 78.3 117.5
141 38.2 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 43.305 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

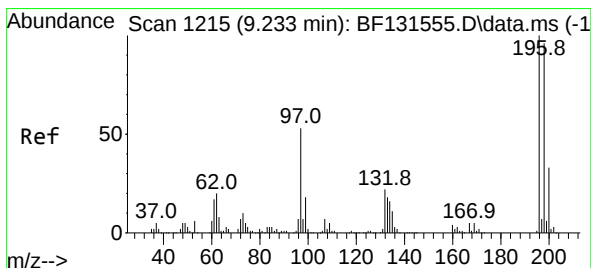
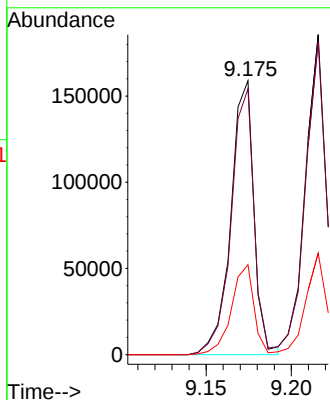
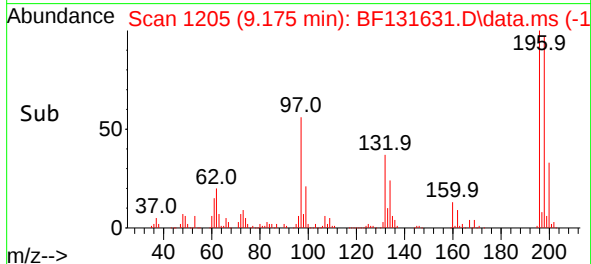
Instrument :
BNA_F
ClientSampleId :
PB149594BS



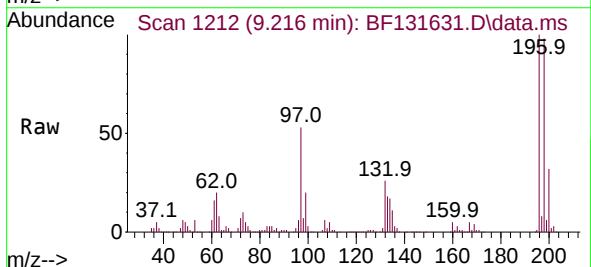
Tgt Ion:196 Resp: 149979
Ion Ratio Lower Upper
196 100
198 97.1 76.9 115.3
200 32.8 26.9 40.3

Manual Integrations
APPROVED

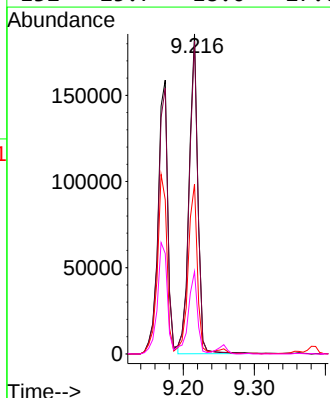
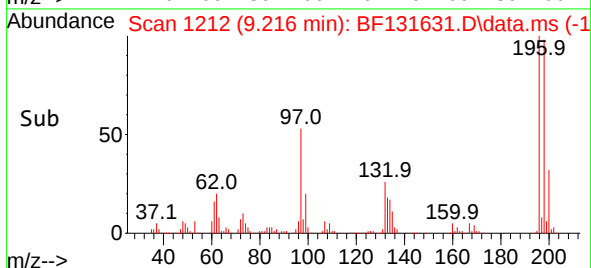
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

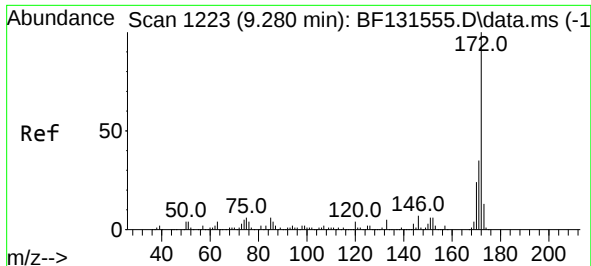


#44
2,4,5-Trichlorophenol
Concen: 42.811 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion:196 Resp: 159453
Ion Ratio Lower Upper
196 100
198 97.7 77.2 115.8
97 53.1 42.2 63.2
132 25.7 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 81.297 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

Tgt Ion:172 Resp: 975259

Ion Ratio Lower Upper

172 100

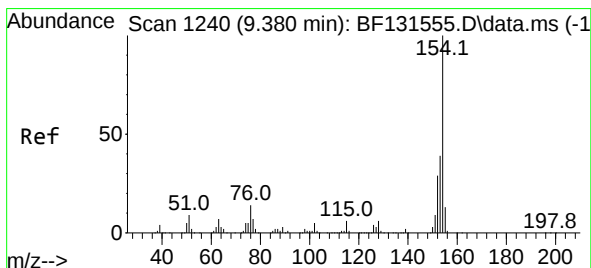
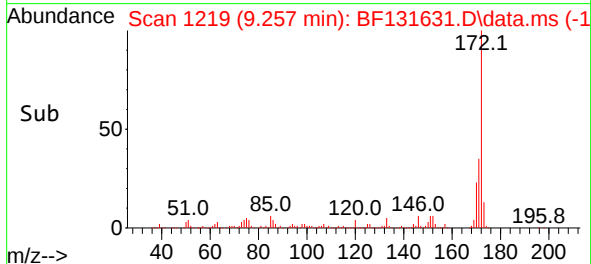
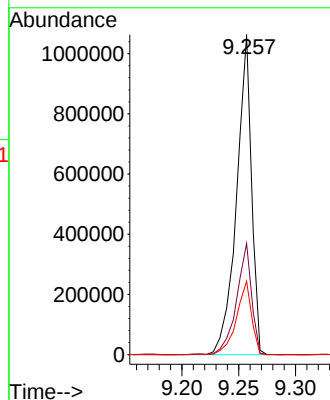
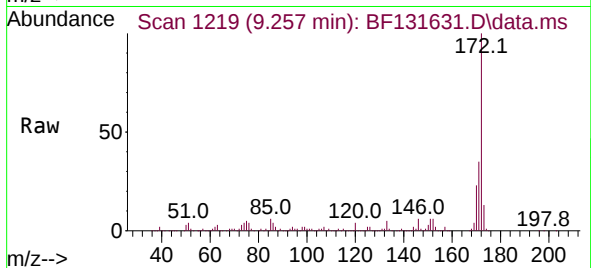
171 34.8 28.3 42.5

170 22.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#46

1,1'-Biphenyl

Concen: 42.913 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

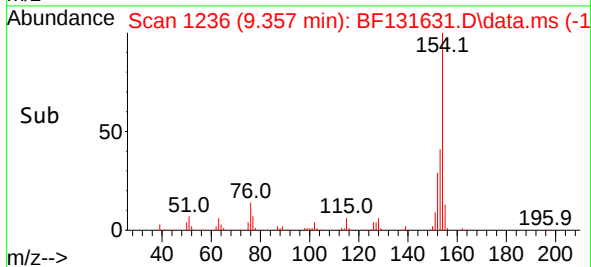
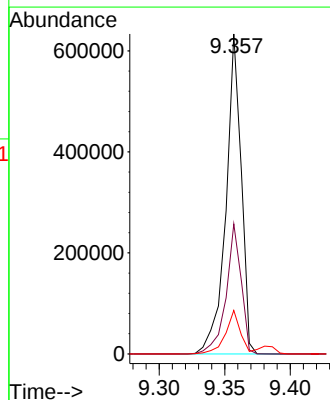
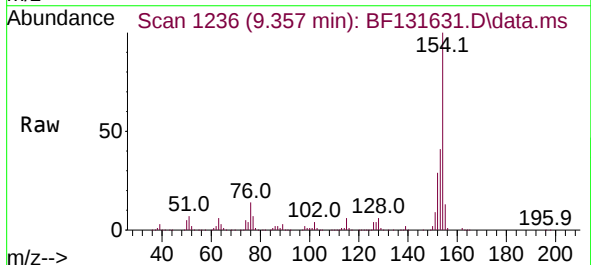
Tgt Ion:154 Resp: 513200

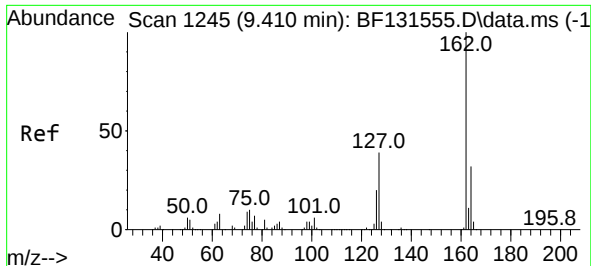
Ion Ratio Lower Upper

154 100

153 40.6 19.4 59.4

76 13.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.913 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

Tgt Ion:162 Resp: 418128

Ion Ratio Lower Upper

162 100

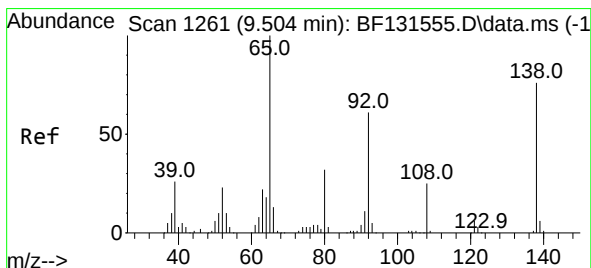
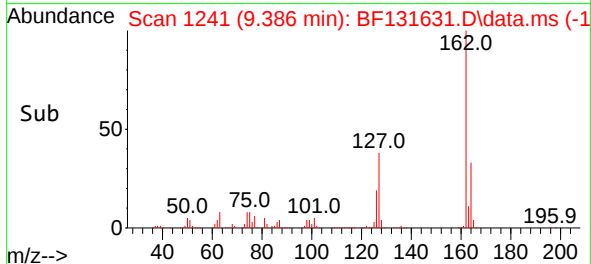
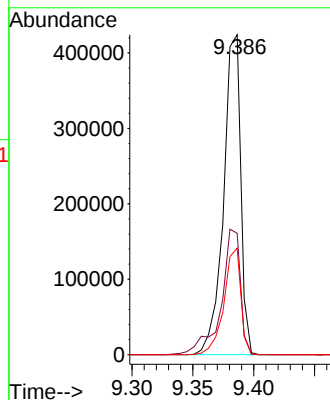
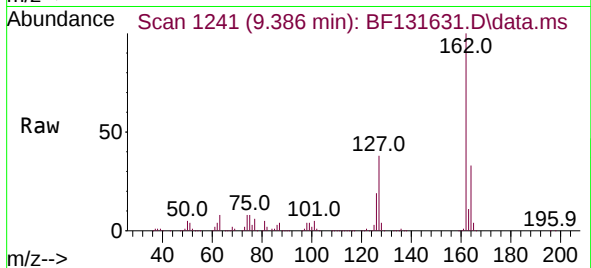
127 37.9 31.4 47.2

164 33.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#48

2-Nitroaniline

Concen: 42.656 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

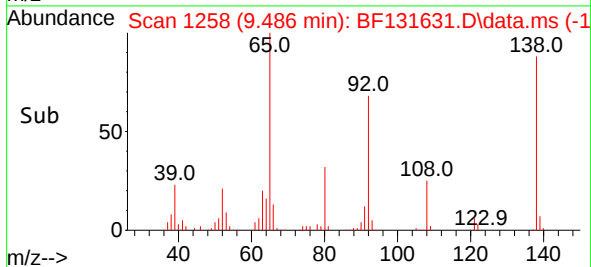
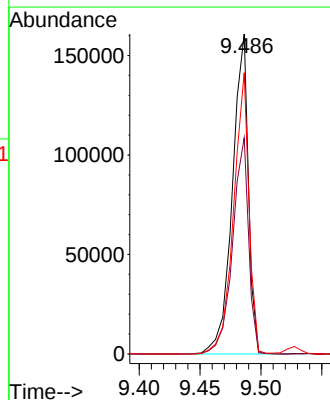
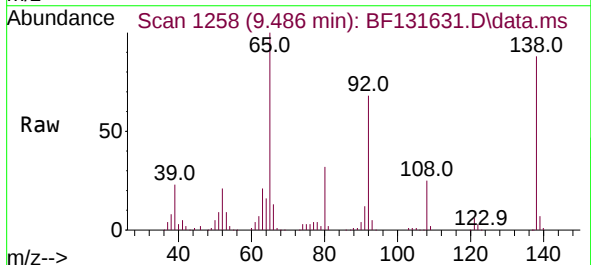
Tgt Ion: 65 Resp: 147230

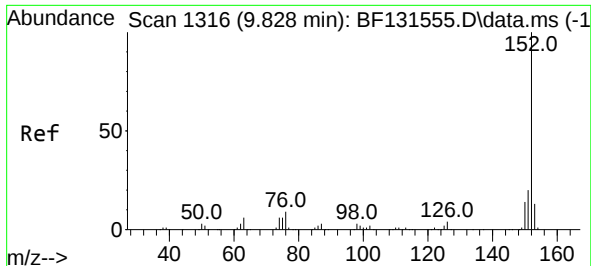
Ion Ratio Lower Upper

65 100

92 67.5 49.2 73.8

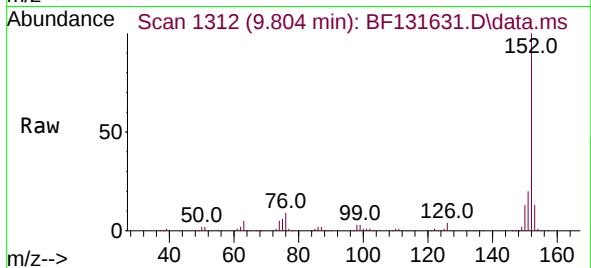
138 87.9 60.7 91.1





#49
Acenaphthylene
Concen: 43.666 ng
RT: 9.804 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

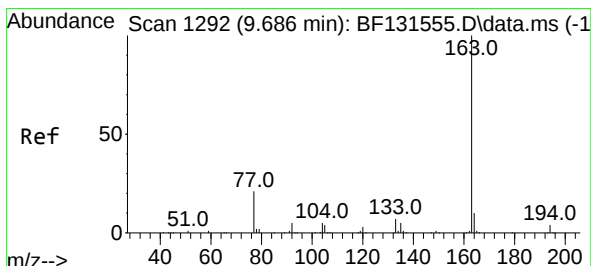
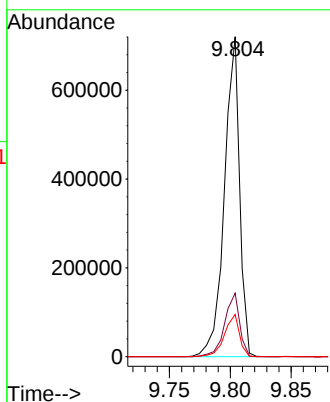
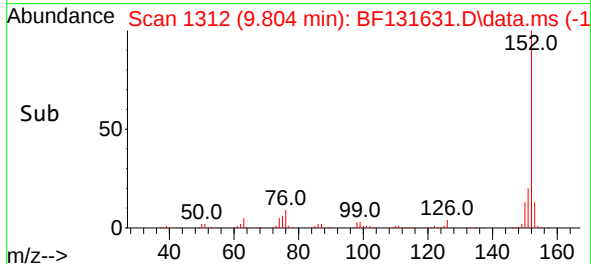
Instrument :
BNA_F
ClientSampleId :
PB149594BS



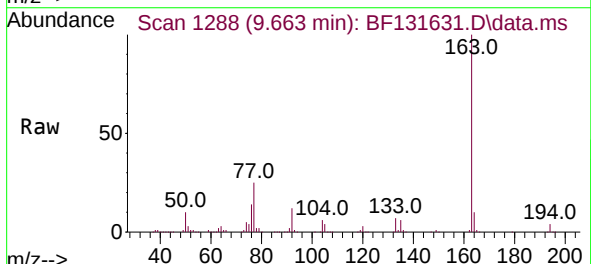
Tgt Ion:152 Resp: 624714
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.2 10.4 15.6

Manual Integrations
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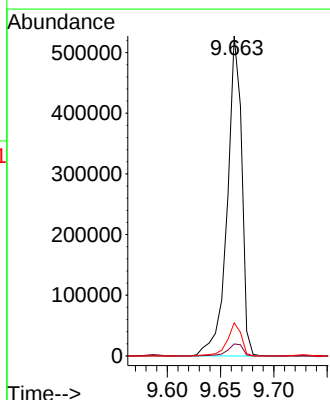
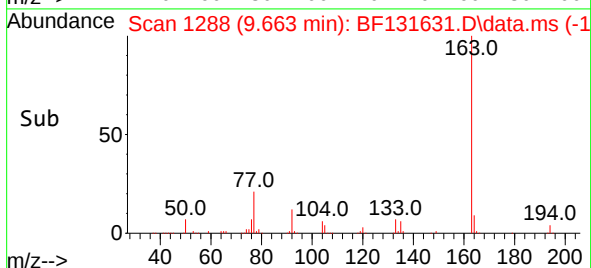
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

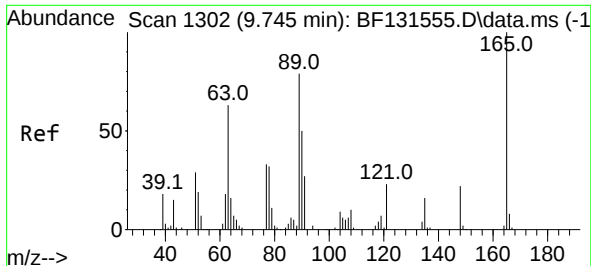


#50
Dimethylphthalate
Concen: 43.269 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion:163 Resp: 498922
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 7.8 11.6





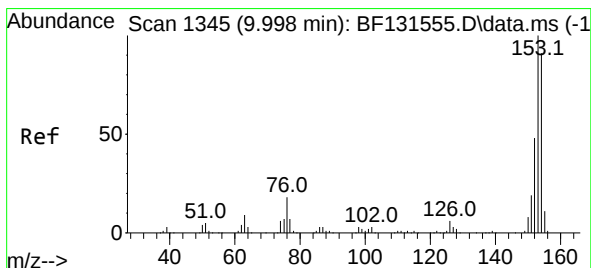
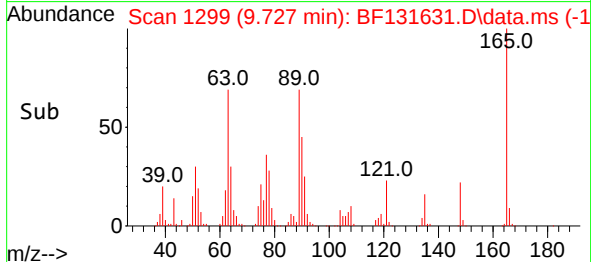
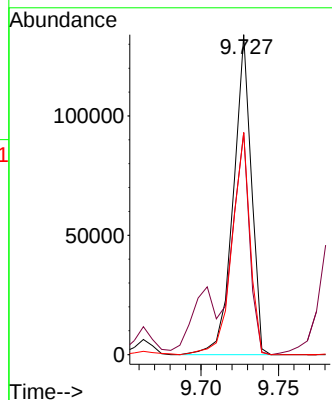
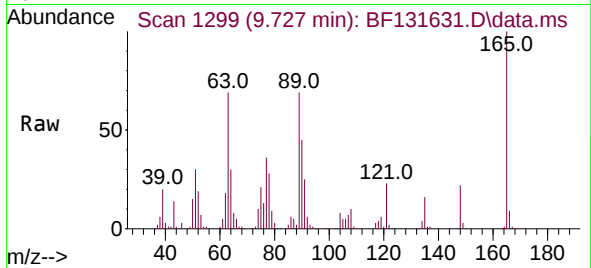
#51
2,6-Dinitrotoluene
Concen: 45.637 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion:165 Resp: 108636
Ion Ratio Lower Upper
165 100
63 69.4 67.9 101.9
89 69.4 63.2 94.8

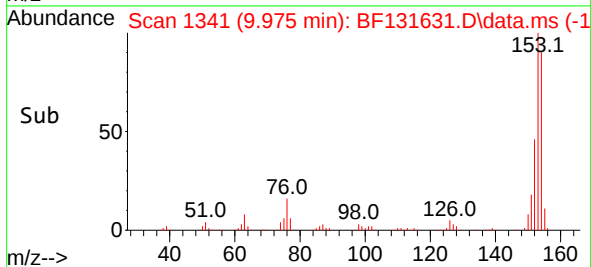
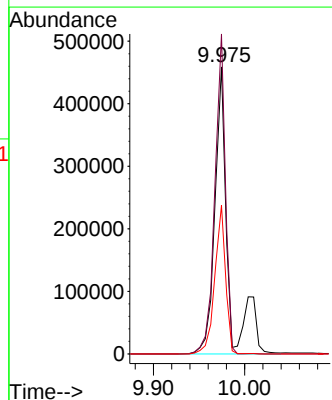
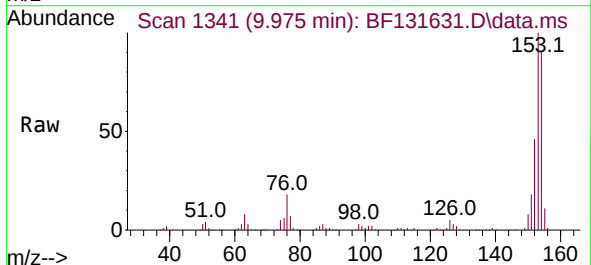
Manual Integrations
APPROVED

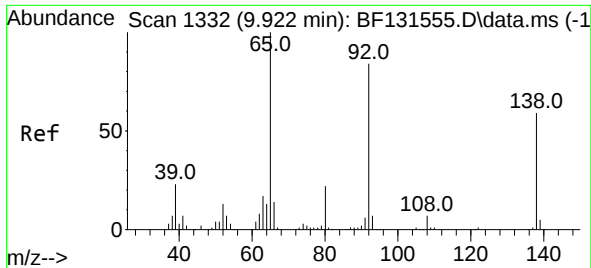
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#52
Acenaphthene
Concen: 48.282 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:154 Resp: 462740
Ion Ratio Lower Upper
154 100
153 111.5 87.9 131.9
152 51.8 42.4 63.6





#53
3-Nitroaniline
Concen: 18.617 ng
RT: 9.898 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

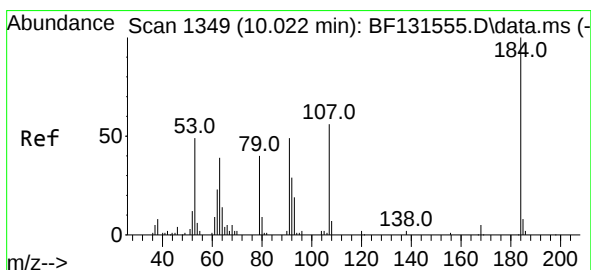
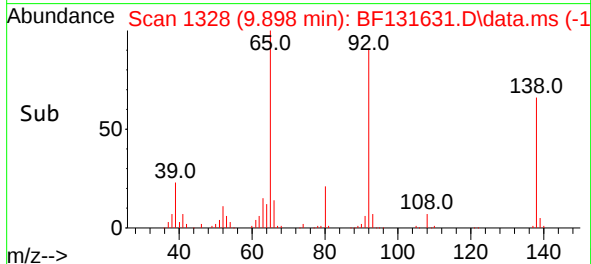
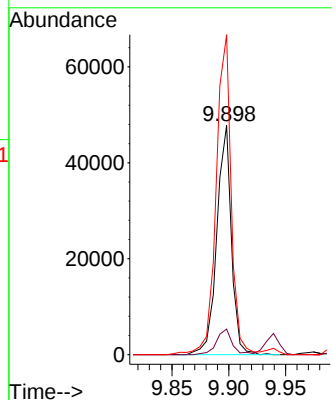
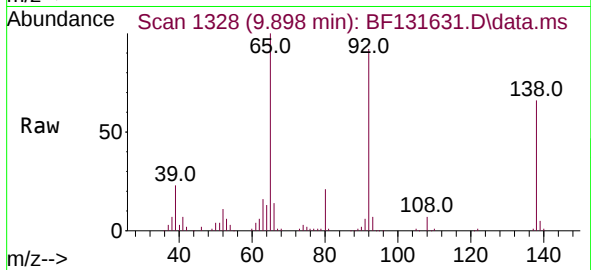
ClientSampleId :

PB149594BS

Tgt Ion:138 Resp: 42519
Ion Ratio Lower Upper
138 100
108 11.1 9.6 14.4
92 139.6 113.4 170.0

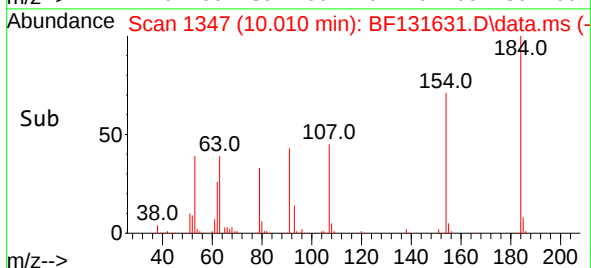
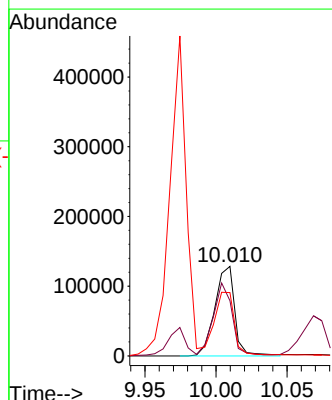
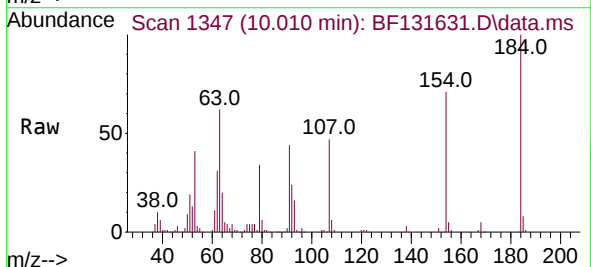
Manual Integrations
APPROVED

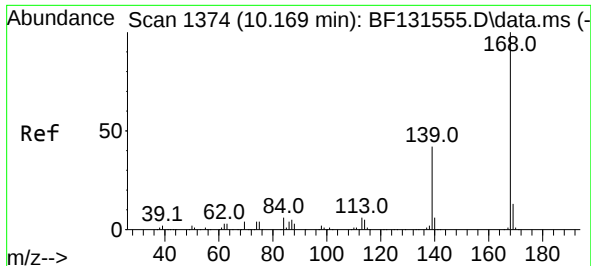
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#54
2,4-Dinitrophenol
Concen: 91.485 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

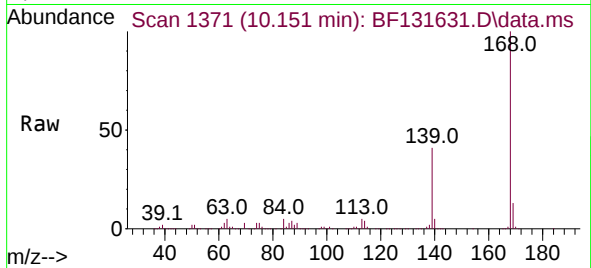
Tgt Ion:184 Resp: 125509
Ion Ratio Lower Upper
184 100
63 61.5 60.7 91.1
154 70.8 59.0 88.6





#55
Dibenzofuran
Concen: 42.505 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

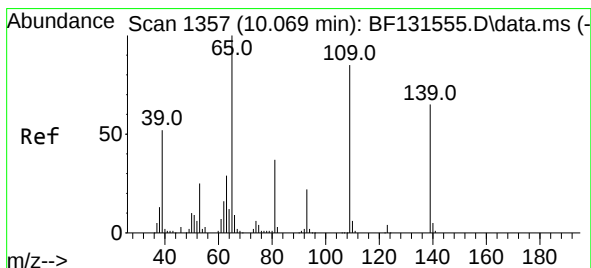
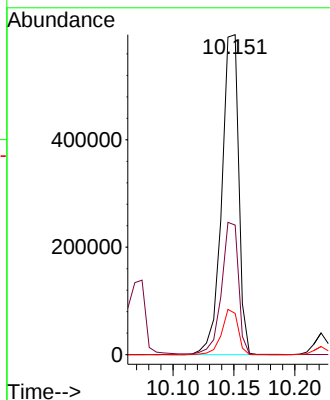
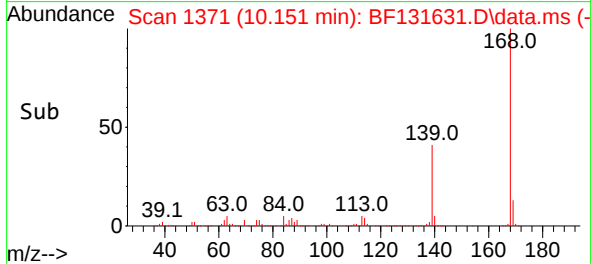
Instrument :
BNA_F
ClientSampleId :
PB149594BS



Tgt Ion:168 Resp: 575606
Ion Ratio Lower Upper
168 100
139 40.5 33.9 50.9
169 12.9 10.7 16.1

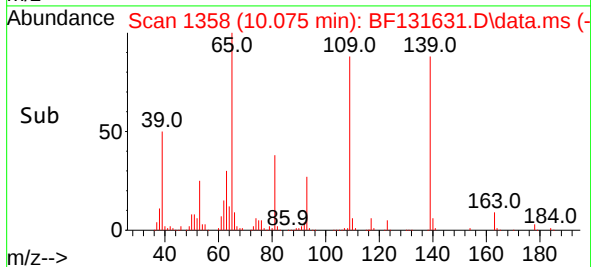
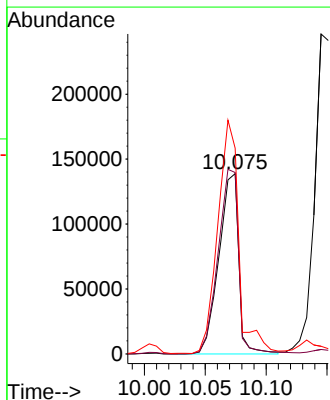
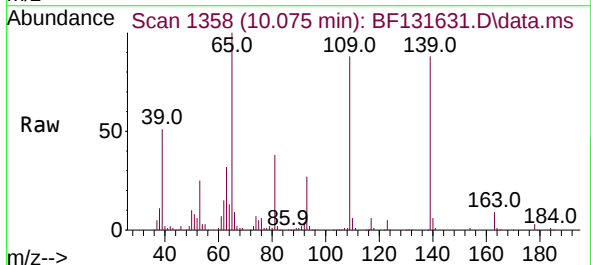
Manual Integrations
APPROVED

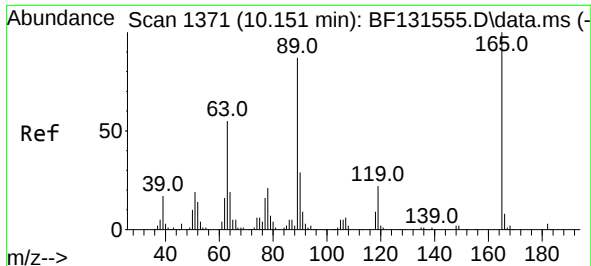
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#56
4-Nitrophenol
Concen: 98.735 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:139 Resp: 156655
Ion Ratio Lower Upper
139 100
109 100.6 110.2 150.2#
65 114.1 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 48.282 ng
RT: 10.133 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

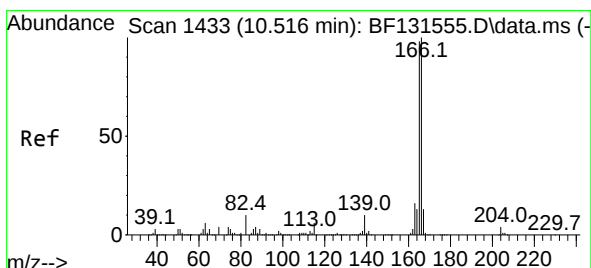
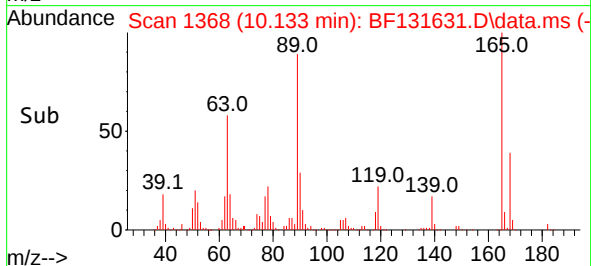
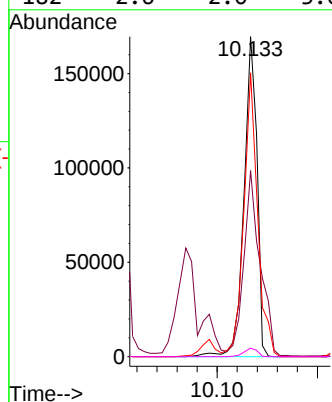
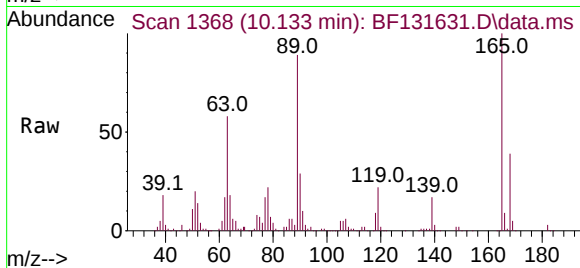
PB149594BS

Tgt Ion:165 Resp: 152463
Ion Ratio Lower Upper
165 100
63 58.1 44.4 66.6
89 88.7 69.6 104.4
182 2.6 2.0 3.0

Manual Integrations

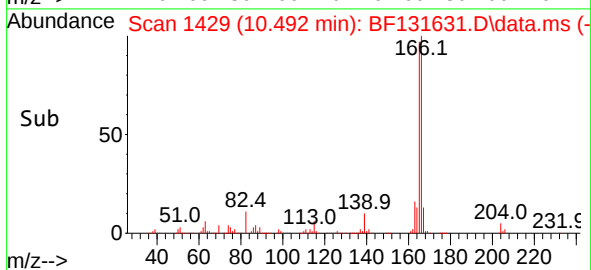
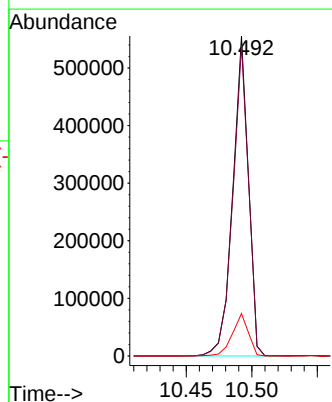
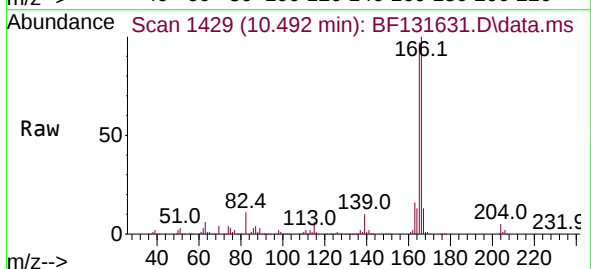
APPROVED

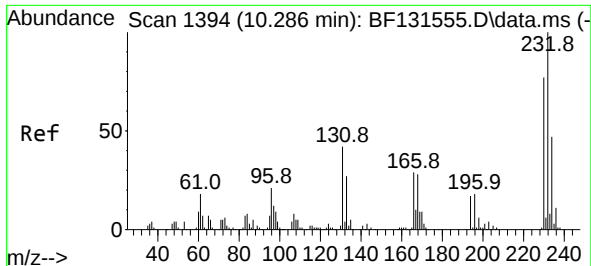
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#58
Fluorene
Concen: 41.870 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:166 Resp: 460947
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.305 ng m
RT: 10.269 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

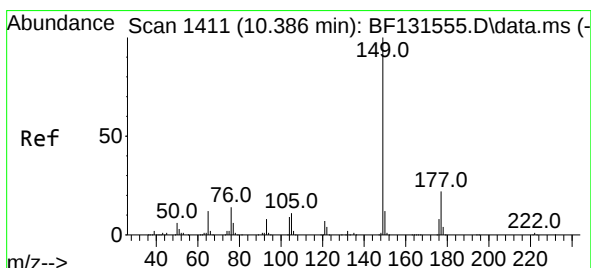
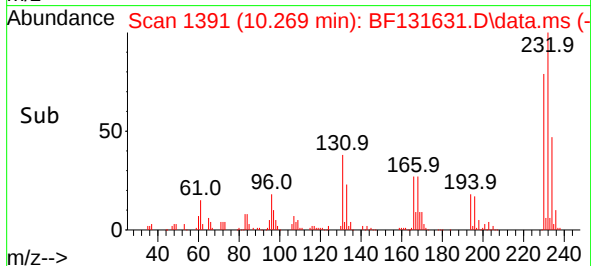
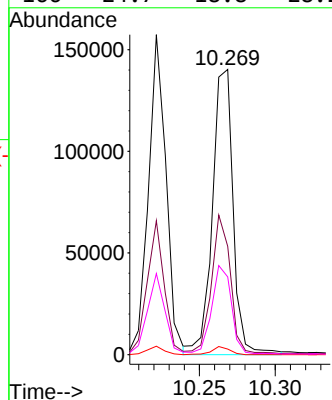
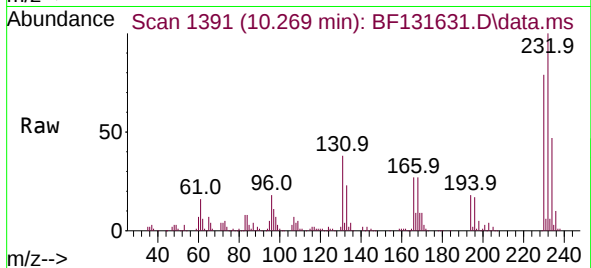
PB149594BS

Tgt Ion:232 Resp: 133430
Ion Ratio Lower Upper
232 100
131 38.9 31.0 46.6
130 2.3 1.8 2.8
166 24.7 18.8 28.2

Manual Integrations

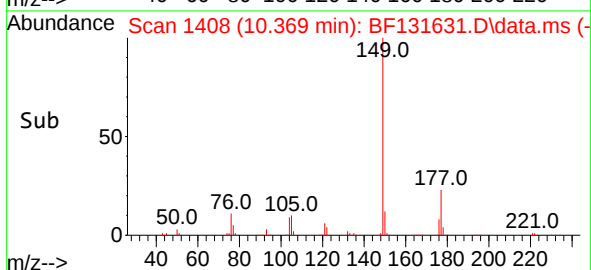
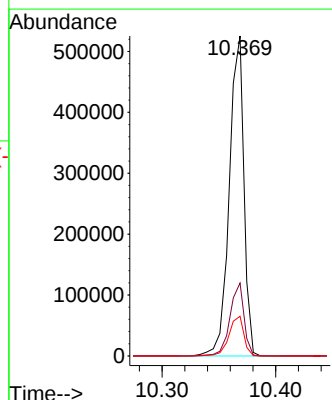
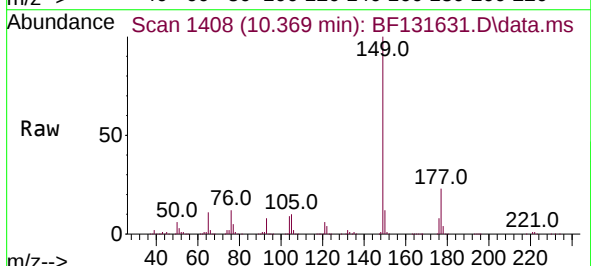
APPROVED

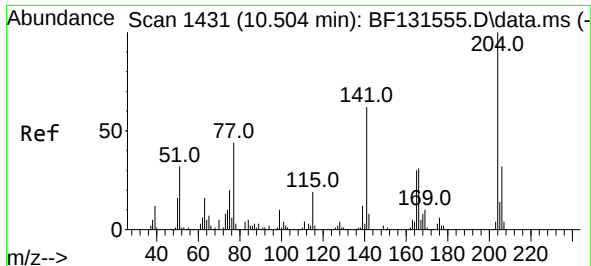
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#60
Diethylphthalate
Concen: 42.229 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

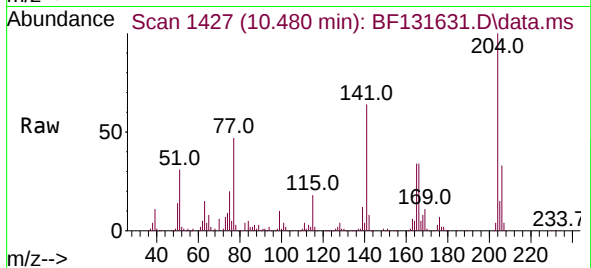
Tgt Ion:149 Resp: 467271
Ion Ratio Lower Upper
149 100
177 22.8 17.4 26.2
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 40.990 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

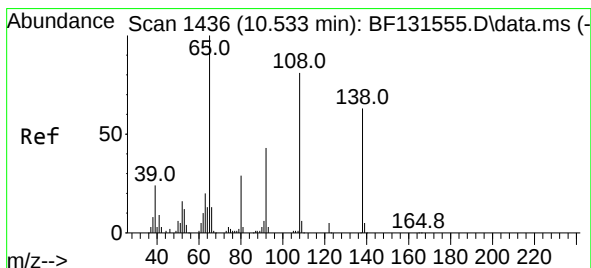
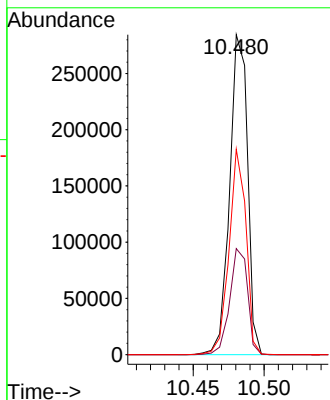
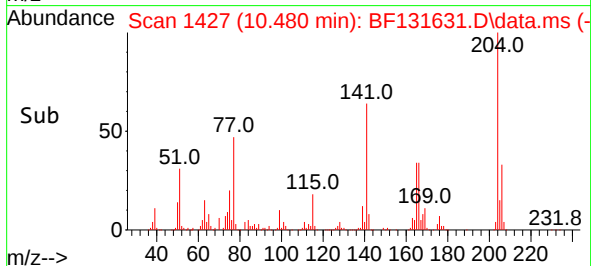
Instrument :
BNA_F
ClientSampleId :
PB149594BS



Tgt Ion:204 Resp: 24937
Ion Ratio Lower Upper
204 100
206 33.1 25.4 38.2
141 64.2 49.5 74.3

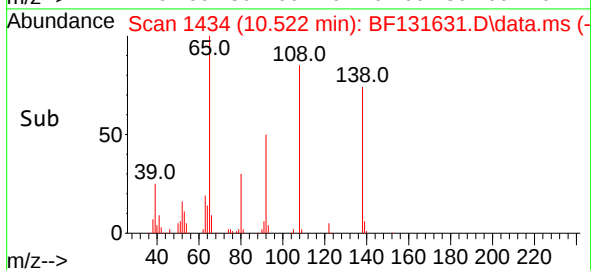
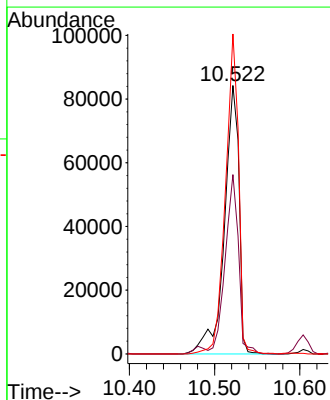
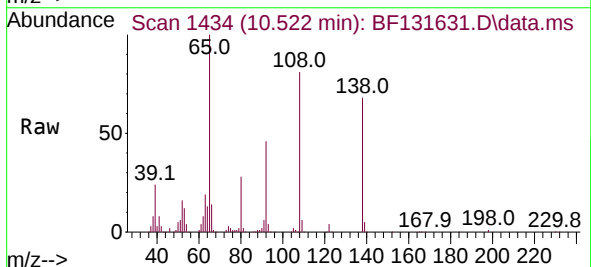
Manual Integrations
APPROVED

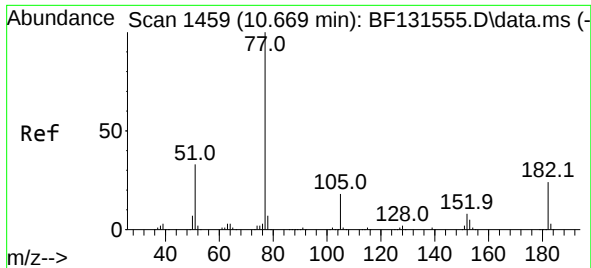
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#62
4-Nitroaniline
Concen: 44.212 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:138 Resp: 100063
Ion Ratio Lower Upper
138 100
92 66.8 47.5 87.5
108 119.2 108.8 148.8





#63
Azobenzene
Concen: 41.027 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

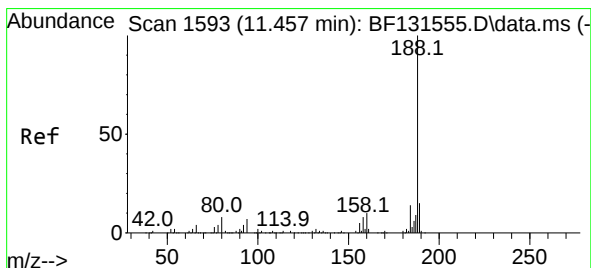
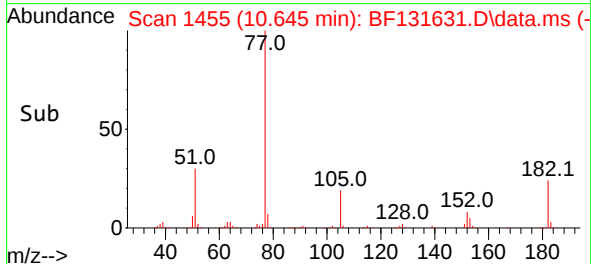
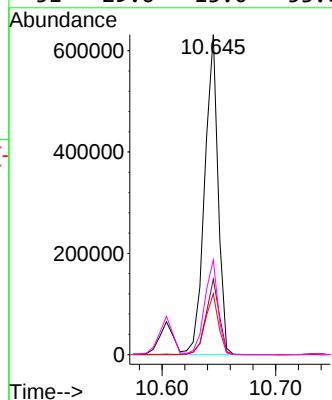
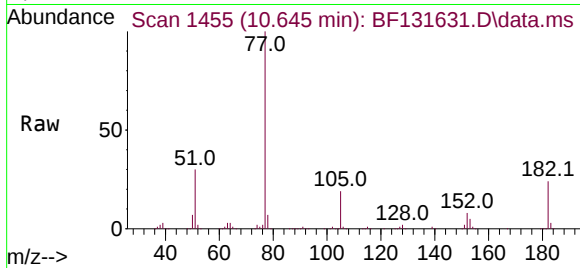
PB149594BS

Tgt Ion: 77 Resp: 51778
Ion Ratio Lower Upper
77 100
182 23.6 3.9 43.9
105 19.0 0.0 38.3
51 29.6 13.0 53.0

Manual Integrations

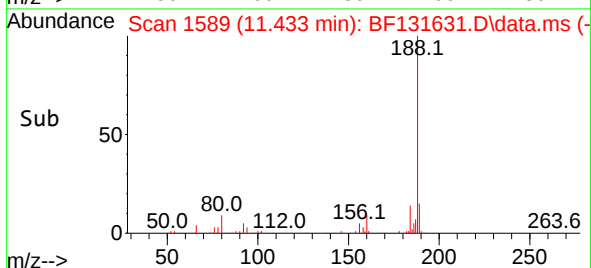
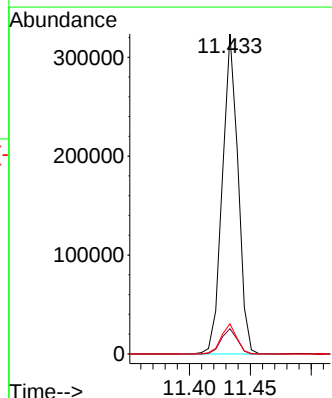
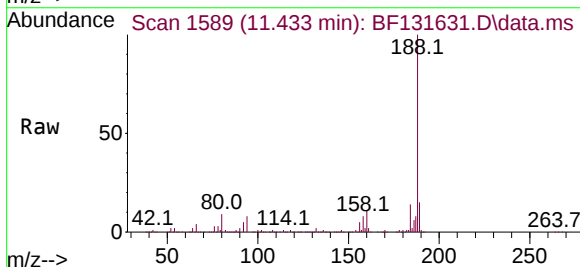
APPROVED

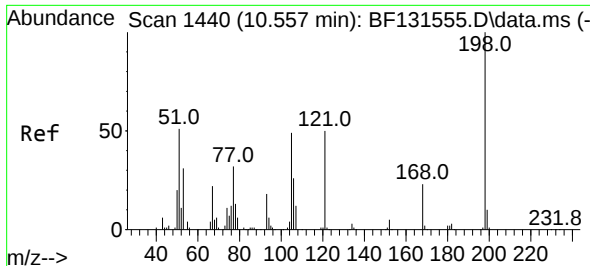
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:188 Resp: 288883
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 9.4 6.6 10.0





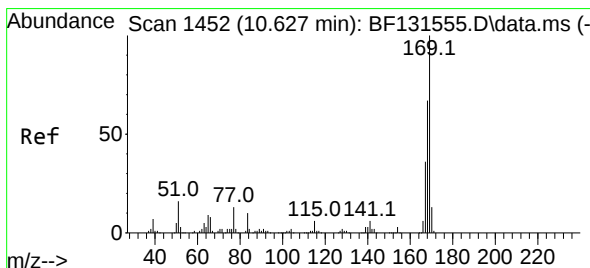
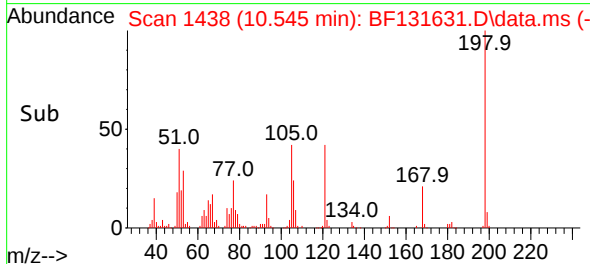
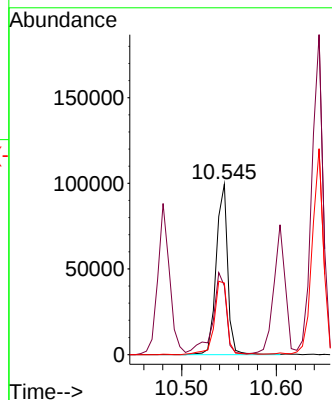
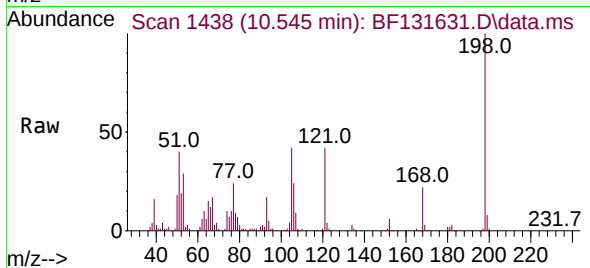
#65
4,6-Dinitro-2-methylphenol
Concen: 45.733 ng
RT: 10.545 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion:198 Resp: 83678
Ion Ratio Lower Upper
198 100
51 40.3 36.7 76.7
105 42.0 29.9 69.9

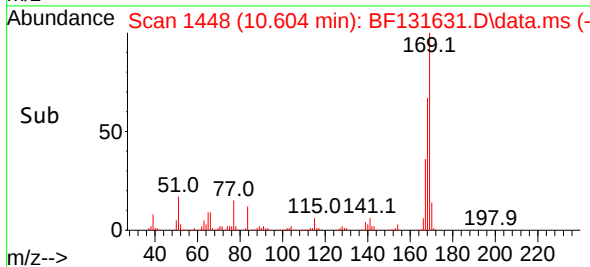
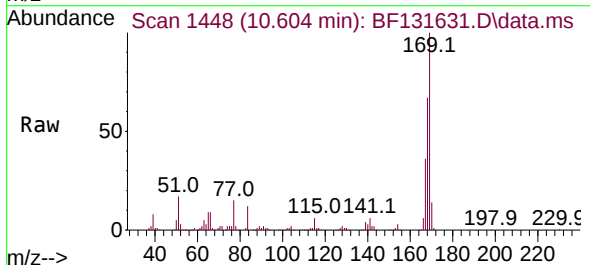
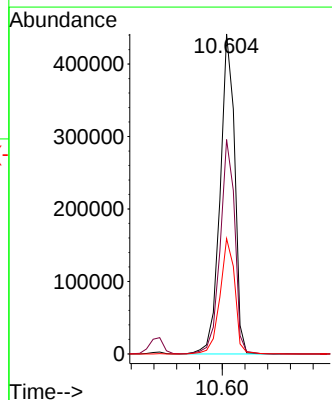
Manual Integrations
APPROVED

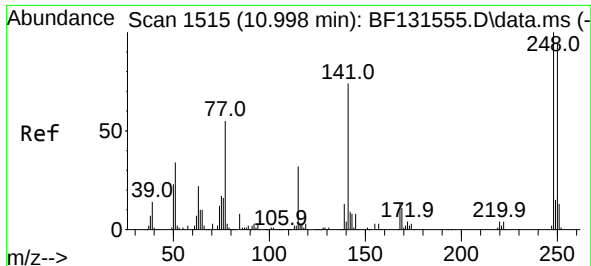
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#66
n-Nitrosodiphenylamine
Concen: 42.000 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

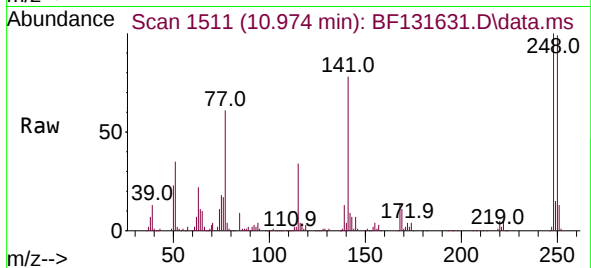
Tgt Ion:169 Resp: 392249
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 40.534 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

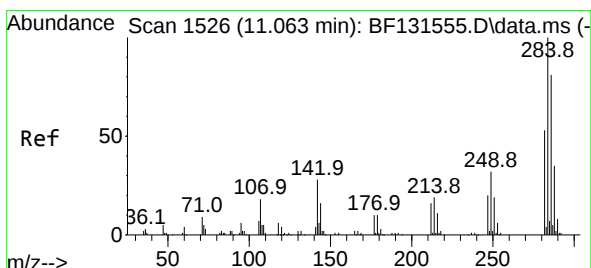
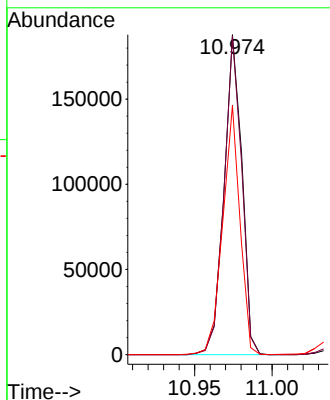
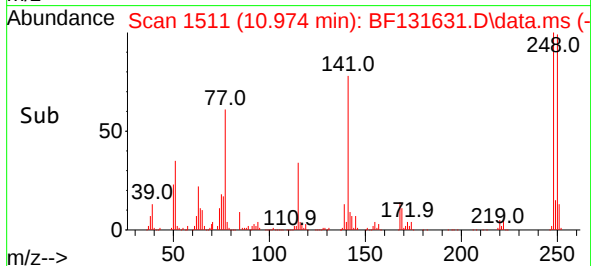
Instrument :
BNA_F
ClientSampleId :
PB149594BS



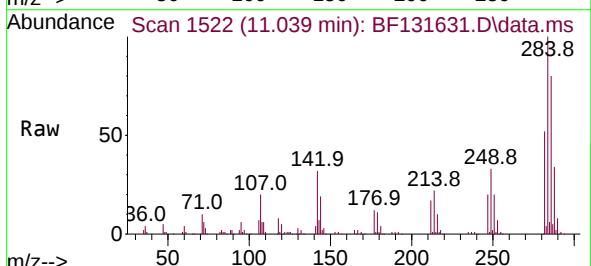
Tgt Ion:248 Resp: 150634
Ion Ratio Lower Upper
248 100
250 99.5 76.2 114.2
141 77.9 59.5 89.3

Manual Integrations
APPROVED

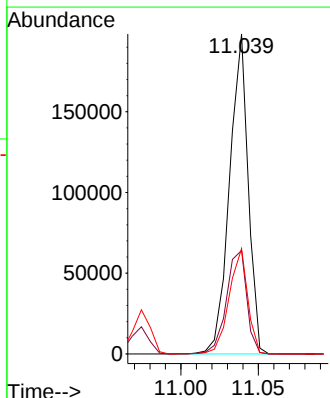
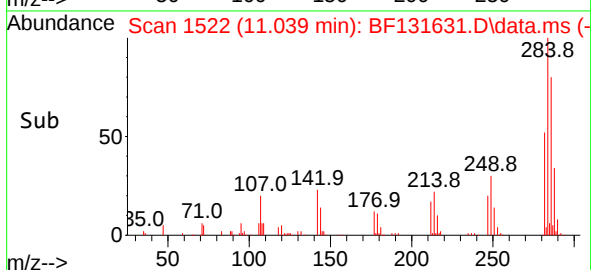
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

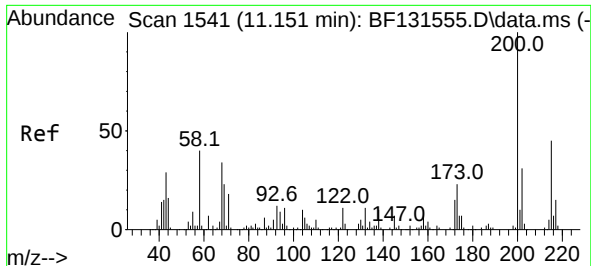


#68
Hexachlorobenzene
Concen: 41.354 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



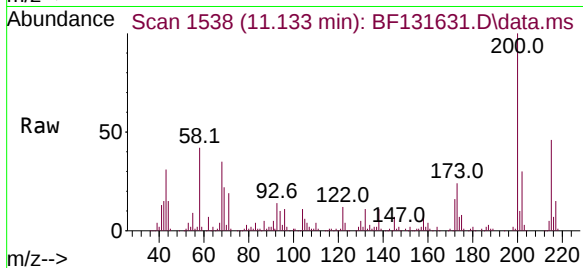
Tgt Ion:284 Resp: 166233
Ion Ratio Lower Upper
284 100
142 32.3 22.3 33.5
249 32.9 25.4 38.2





#69
 Atrazine
 Concen: 50.777 ng
 RT: 11.133 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

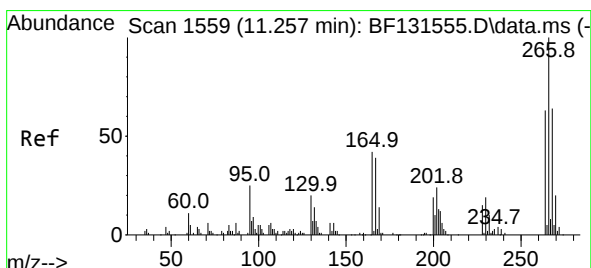
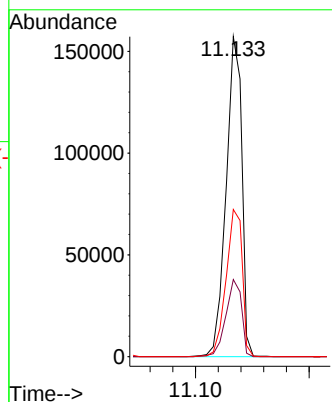
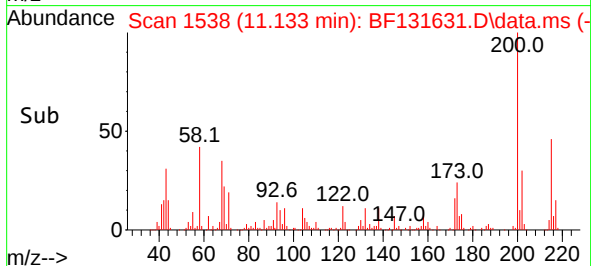
Instrument :
 BNA_F
 ClientSampleId :
 PB149594BS



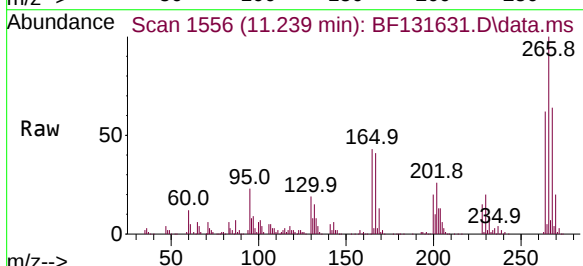
Tgt Ion:200 Resp: 150592
 Ion Ratio Lower Upper
 200 100
 173 24.1 3.4 43.4
 215 46.0 25.0 65.0

Manual Integrations
 APPROVED

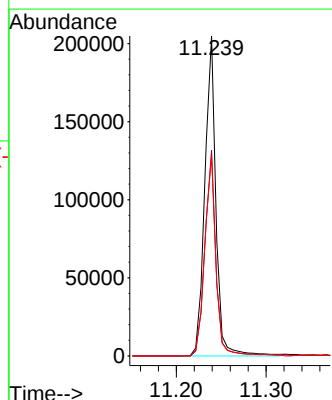
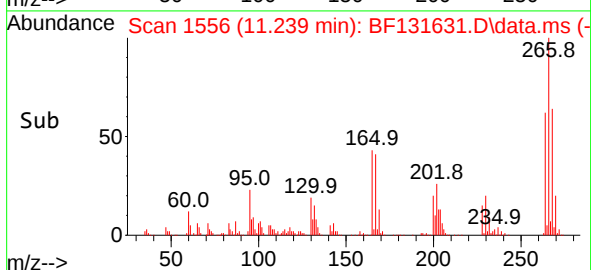
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

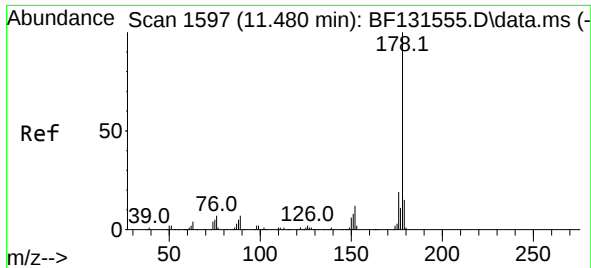


#70
 Pentachlorophenol
 Concen: 85.292 ng
 RT: 11.239 min Scan# 1556
 Delta R.T. 0.006 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15



Tgt Ion:266 Resp: 176505
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.5 77.3
 264 62.5 50.7 76.1





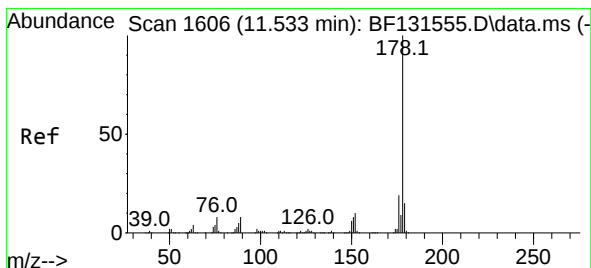
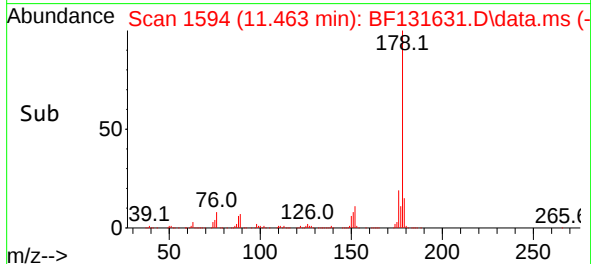
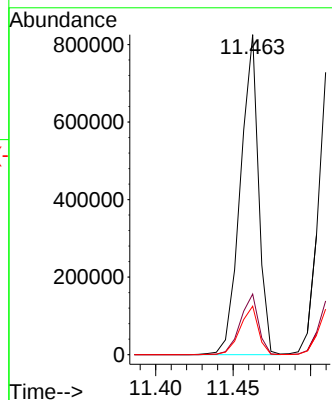
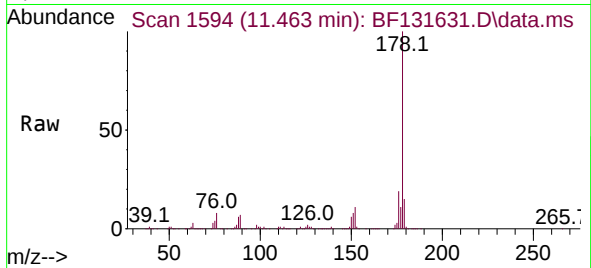
#71
Phenanthrene
Concen: 41.937 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :
BNA_F
ClientSampleId :
PB149594BS

Tgt Ion:178 Resp: 675279
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.1 12.2 18.4

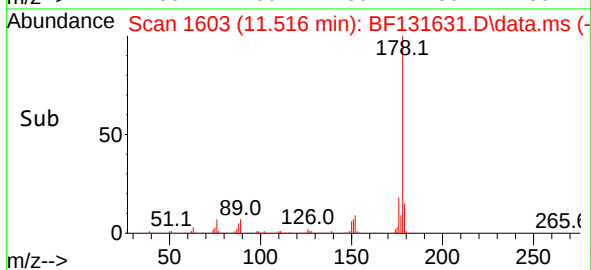
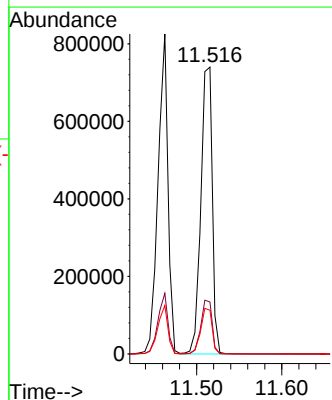
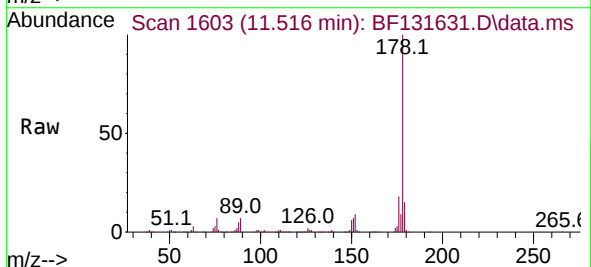
Manual Integrations
APPROVED

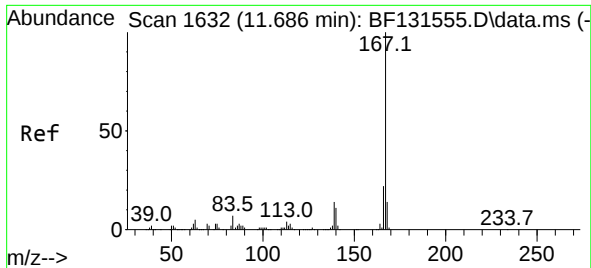
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#72
Anthracene
Concen: 43.937 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

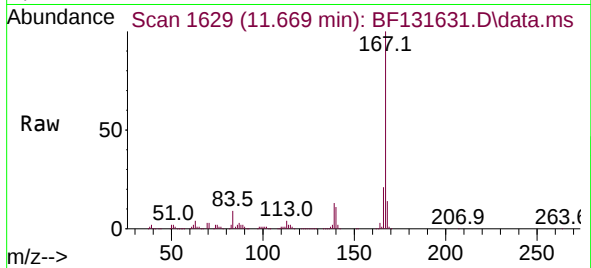
Tgt Ion:178 Resp: 688309
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.6
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 46.079 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15

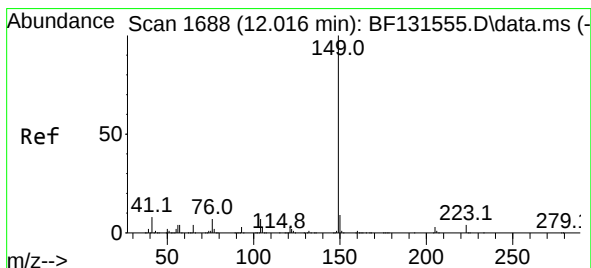
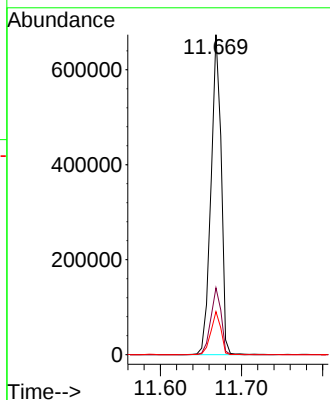
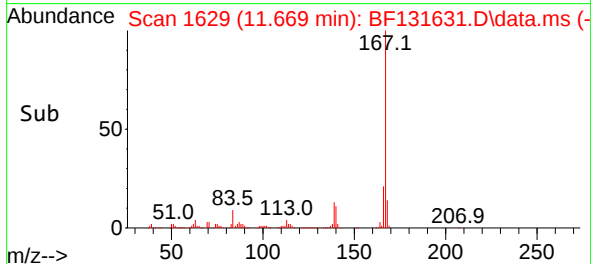
Instrument :
 BNA_F
 ClientSampleId :
 PB149594BS



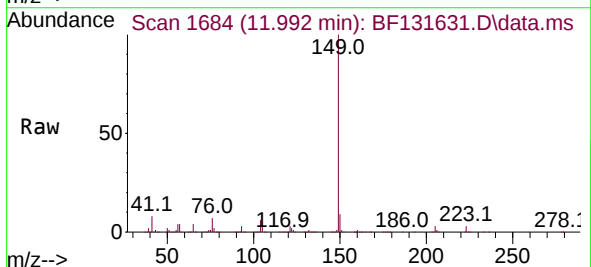
Tgt Ion:167 Resp: 589221
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 13.4 11.0 16.4

Manual Integrations
 APPROVED

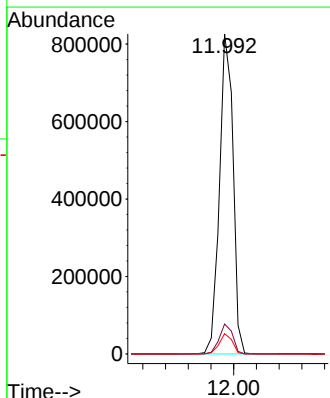
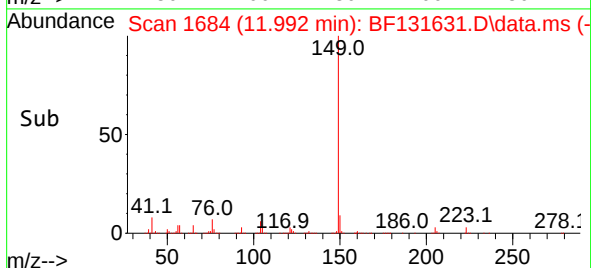
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

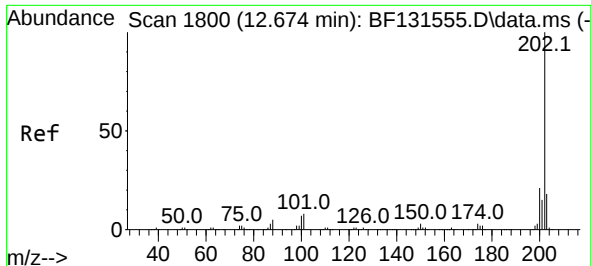


#74
 Di-n-butylphthalate
 Concen: 43.526 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF131631.D
 Acq: 14 Dec 2022 15:15



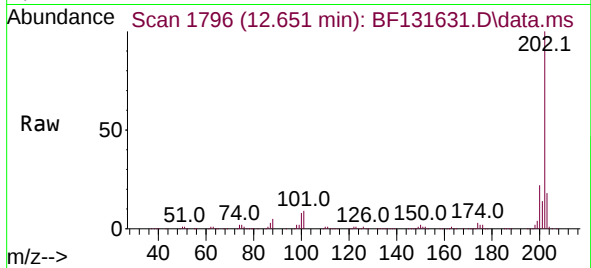
Tgt Ion:149 Resp: 682809
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 6.3 5.2 7.8





#75
Fluoranthene
Concen: 44.329 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

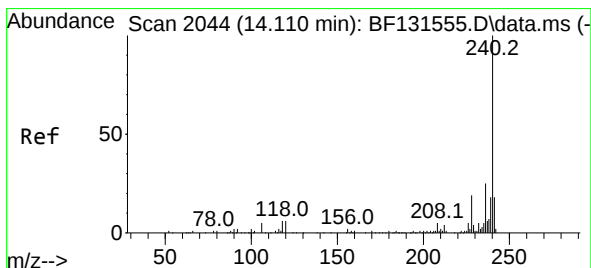
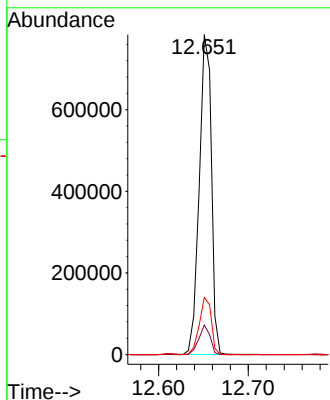
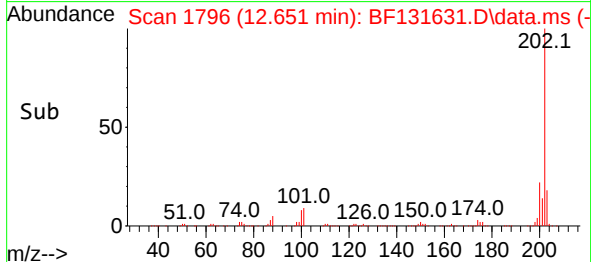
Instrument :
BNA_F
ClientSampleId :
PB149594BS



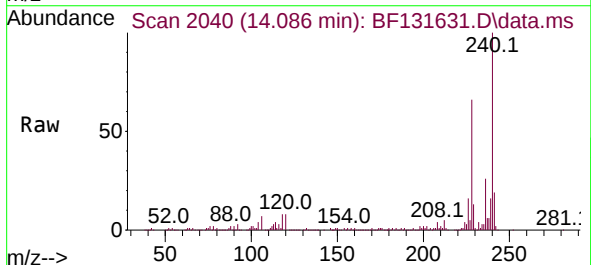
Tgt Ion:202 Resp: 735012
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.8 0.0 37.7

Manual Integrations
APPROVED

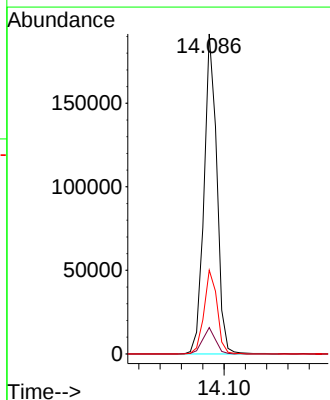
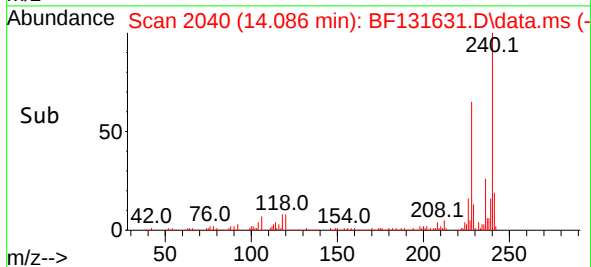
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

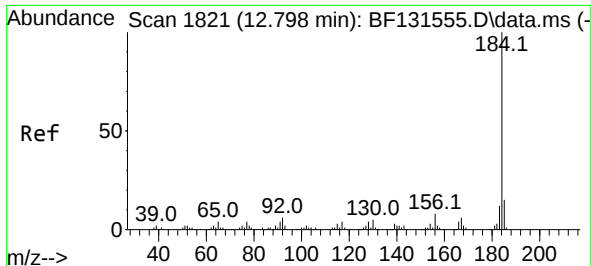


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



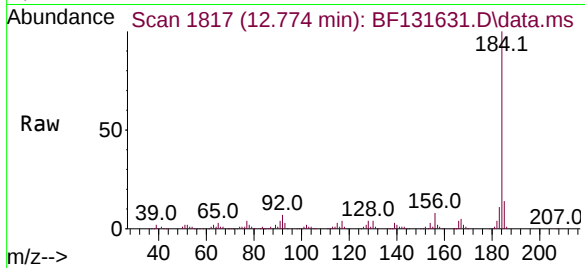
Tgt Ion:240 Resp: 158853
Ion Ratio Lower Upper
240 100
120 8.2 4.6 7.0#
236 26.2 20.2 30.2





#77
Benzidine
Concen: 39.532 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

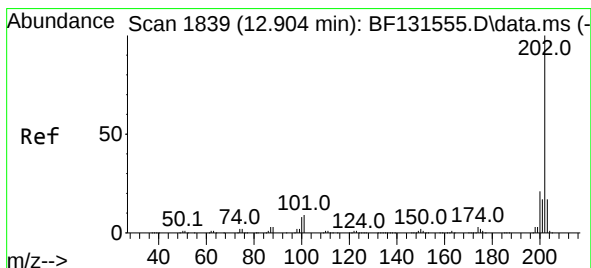
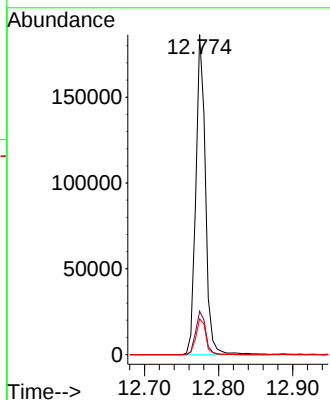
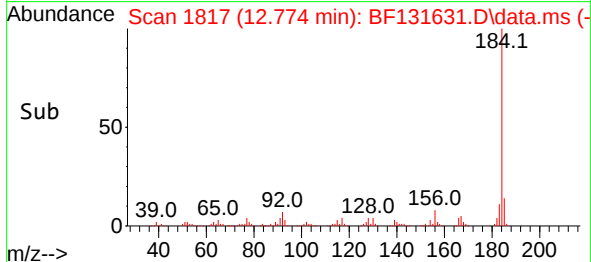
Instrument :
BNA_F
ClientSampleId :
PB149594BS



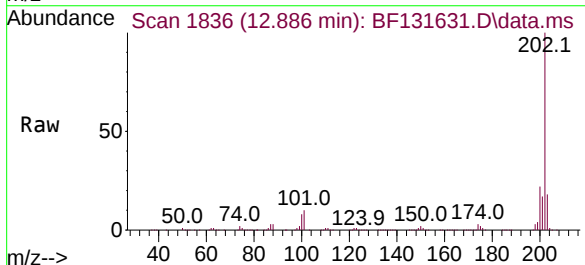
Tgt Ion:184 Resp: 168259
Ion Ratio Lower Upper
184 100
185 13.5 12.2 18.2
183 11.2 9.3 13.9

Manual Integrations
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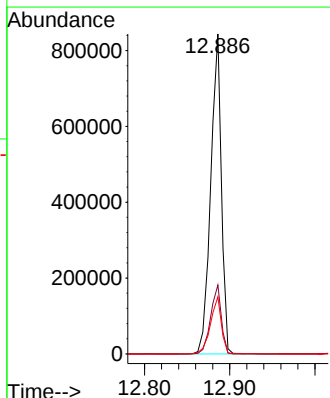
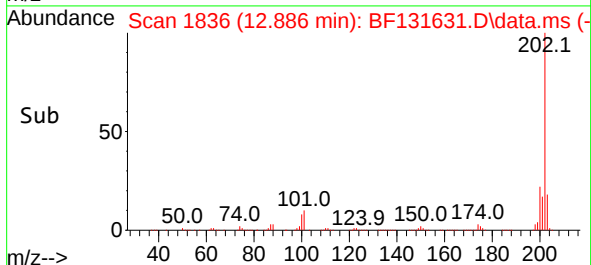
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

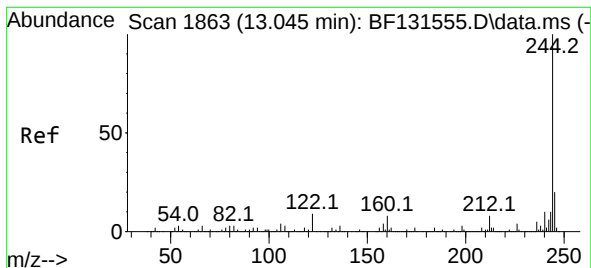


#78
Pyrene
Concen: 46.711 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion:202 Resp: 731673
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 97.180 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

PB149594BS

Tgt Ion:244 Resp: 1125656

Ion Ratio Lower Upper

244 100

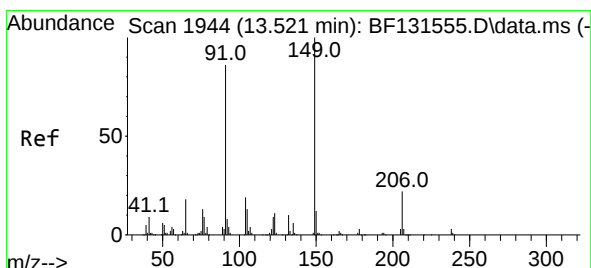
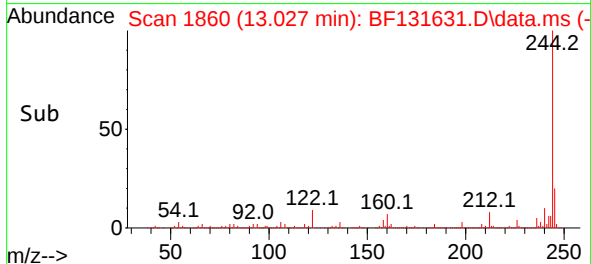
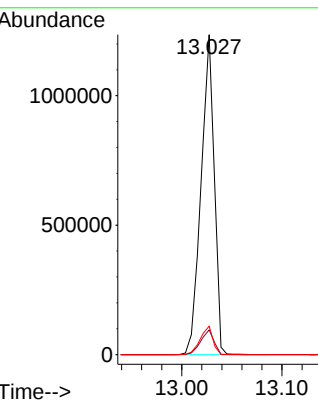
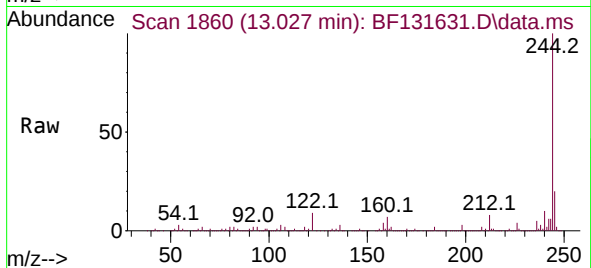
212 7.7 6.5 9.7

122 8.9 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#80

Butylbenzylphthalate

Concen: 50.948 ng

RT: 13.504 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BF131631.D

Acq: 14 Dec 2022 15:15

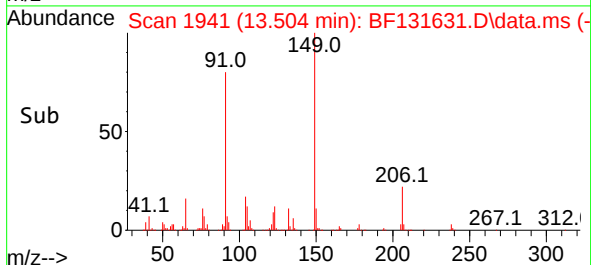
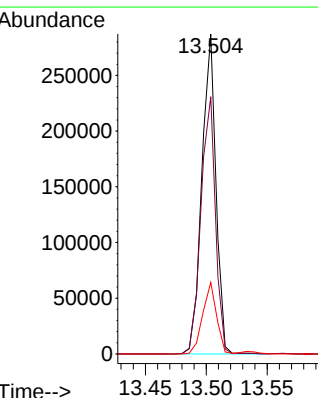
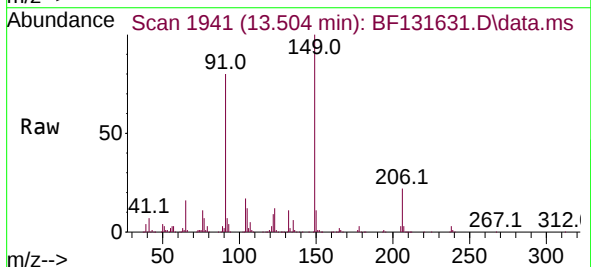
Tgt Ion:149 Resp: 230946

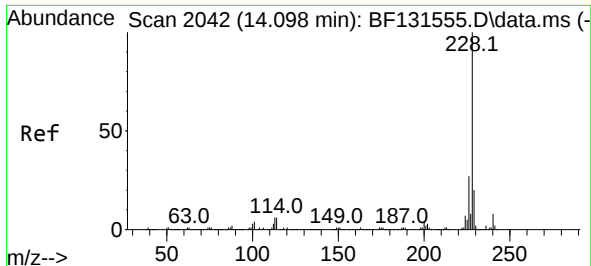
Ion Ratio Lower Upper

149 100

91 80.4 69.0 103.4

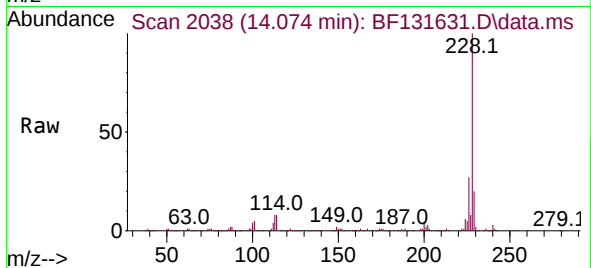
206 22.3 17.8 26.8





#81
Benzo(a)anthracene
Concen: 45.281 ng
RT: 14.074 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

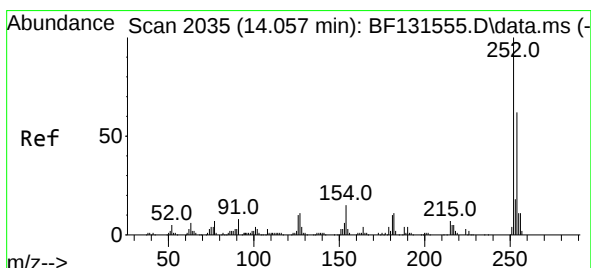
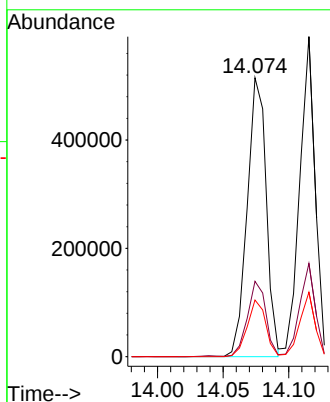
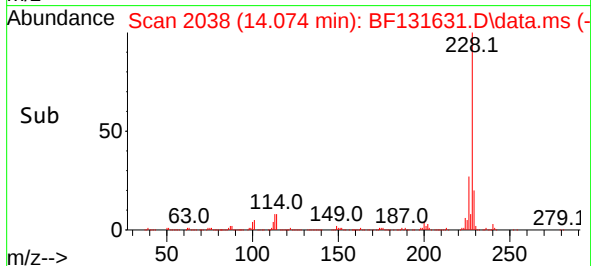
Instrument :
BNA_F
ClientSampleId :
PB149594BS



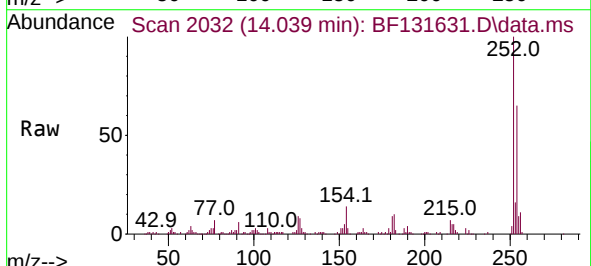
Tgt Ion:228 Resp: 519450
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 20.3 15.8 23.6

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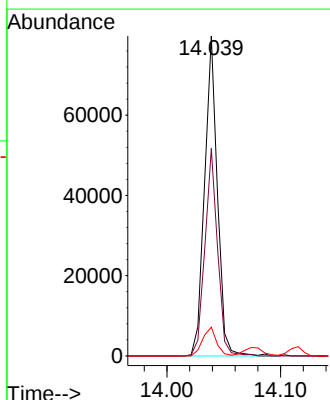
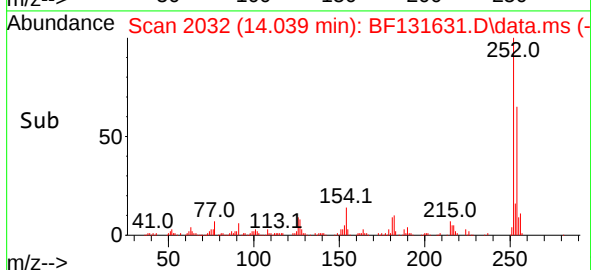
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

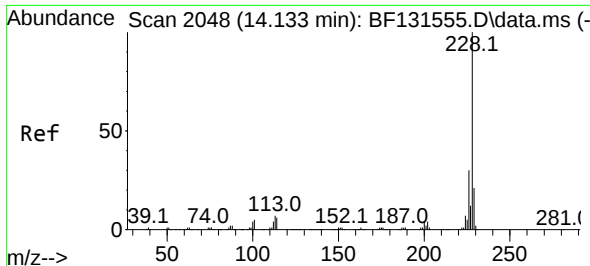


#82
3,3'-Dichlorobenzidine
Concen: 19.227 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



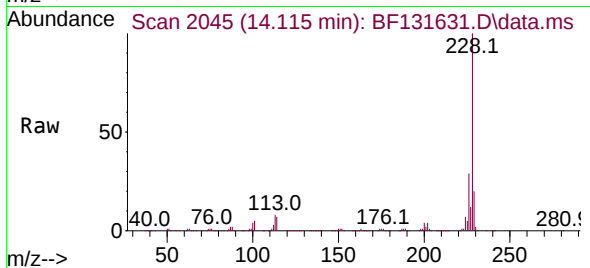
Tgt Ion:252 Resp: 62755
Ion Ratio Lower Upper
252 100
254 64.8 49.6 74.4
126 9.0 7.9 11.9





#83
Chrysene
Concen: 44.863 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

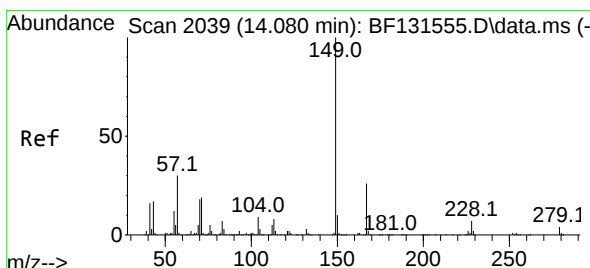
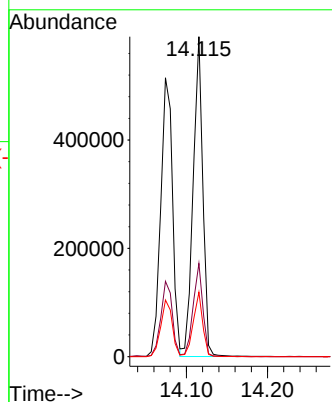
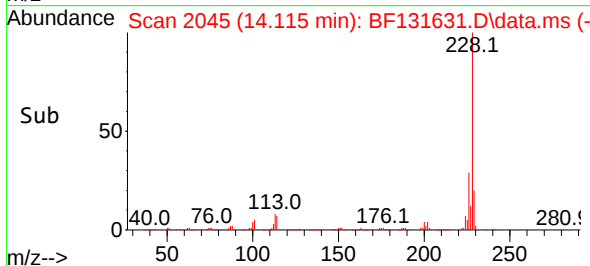
Instrument :
BNA_F
ClientSampleId :
PB149594BS



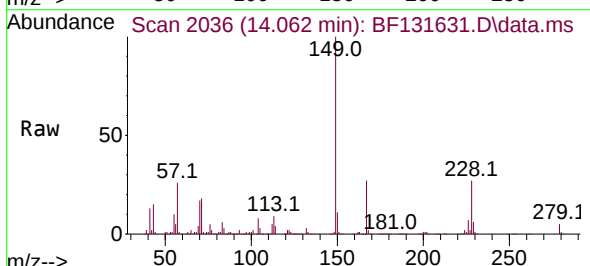
Tgt Ion:228 Resp: 489288
Ion Ratio Lower Upper
228 100
226 29.1 23.9 35.9
229 20.1 16.7 25.1

Manual Integrations
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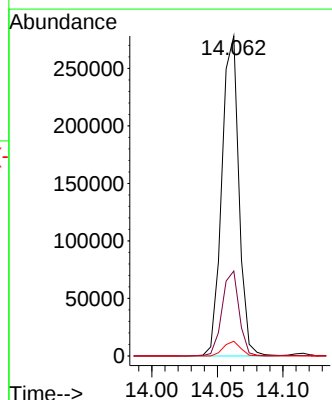
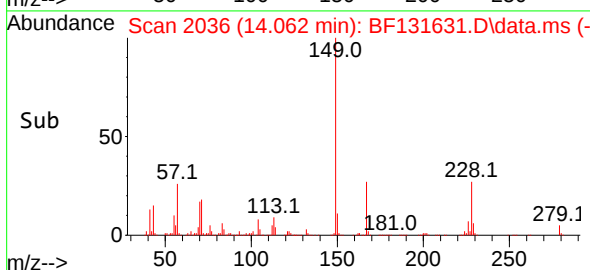
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

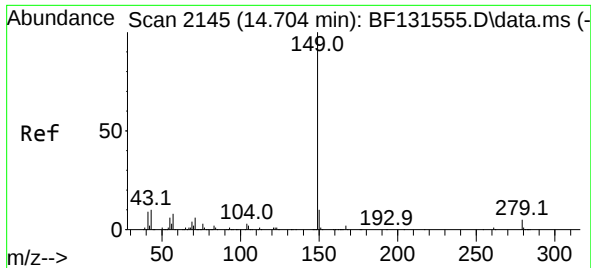


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.433 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



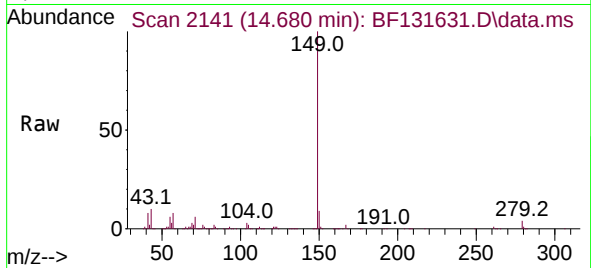
Tgt Ion:149 Resp: 253132
Ion Ratio Lower Upper
149 100
167 26.5 20.8 31.2
279 4.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 35.359 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

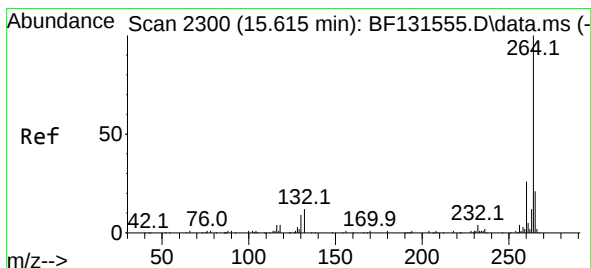
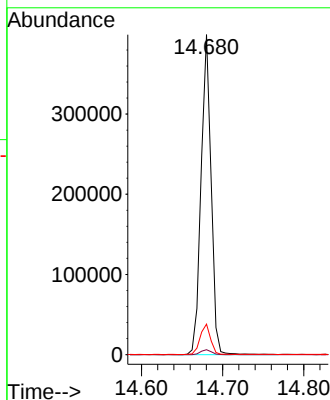
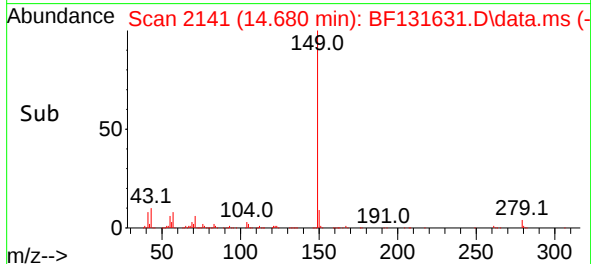
Instrument :
BNA_F
ClientSampleId :
PB149594BS



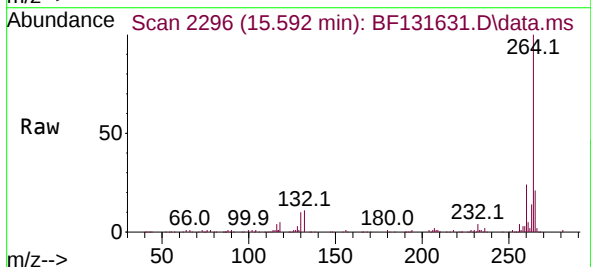
Tgt Ion:149 Resp: 342187
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.6 13.0

Manual Integrations
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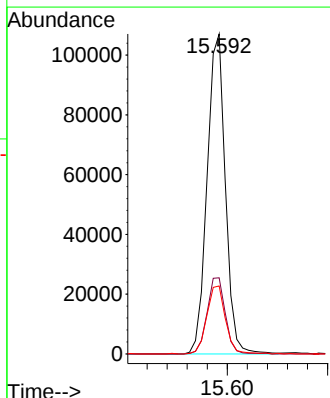
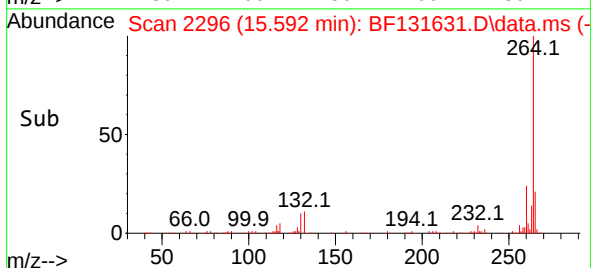
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

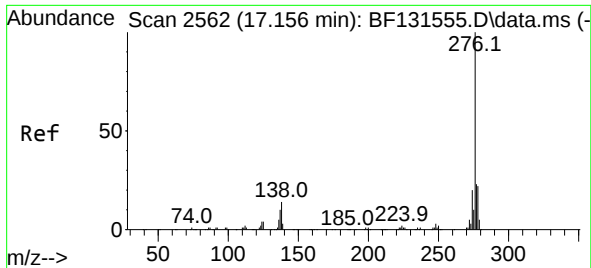


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15



Tgt Ion:264 Resp: 135057
Ion Ratio Lower Upper
264 100
260 23.8 20.6 30.8
265 21.2 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.631 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

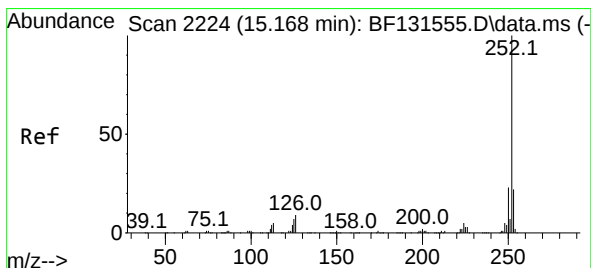
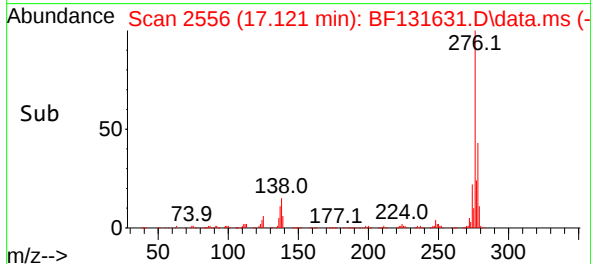
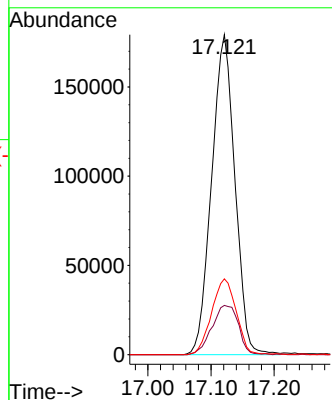
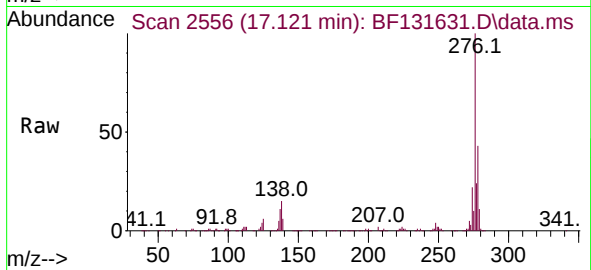
PB149594BS

Tgt Ion:276 Resp: 458858
Ion Ratio Lower Upper
276 100
138 17.5 12.7 19.1
277 25.0 20.0 30.0

Manual Integrations

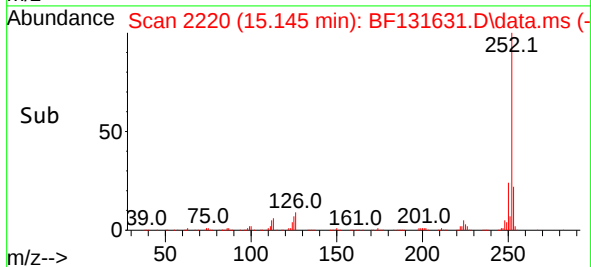
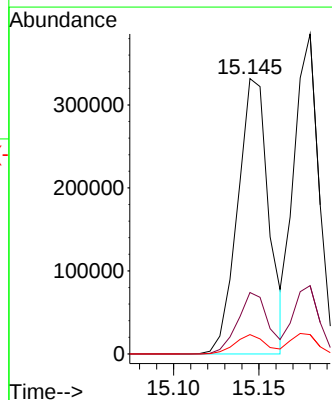
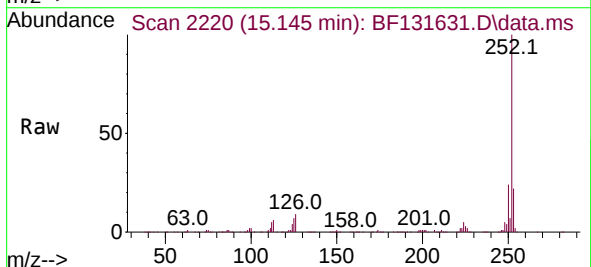
APPROVED

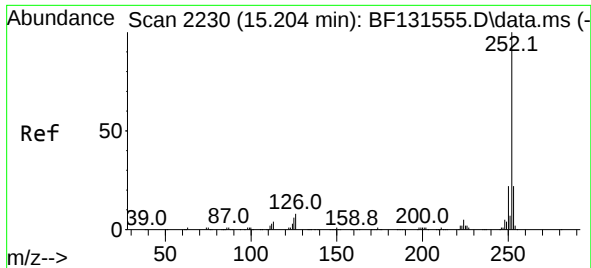
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#88
Benzo(b)fluoranthene
Concen: 47.343 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:252 Resp: 421420
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.0 5.6 8.4





#89
Benzo(k)fluoranthene
Concen: 42.482 ng
RT: 15.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

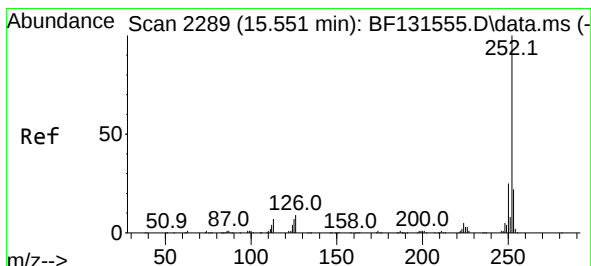
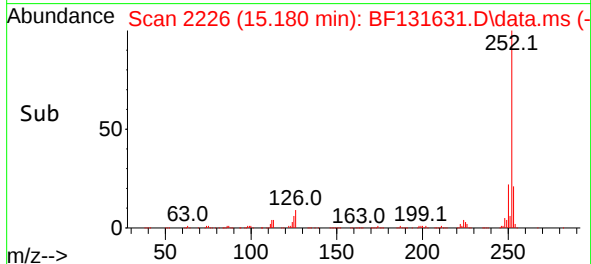
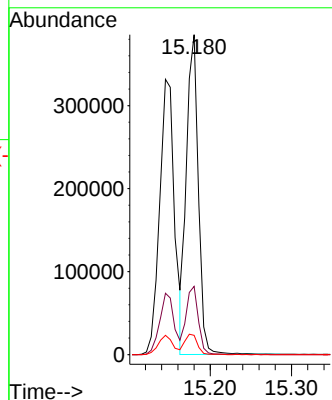
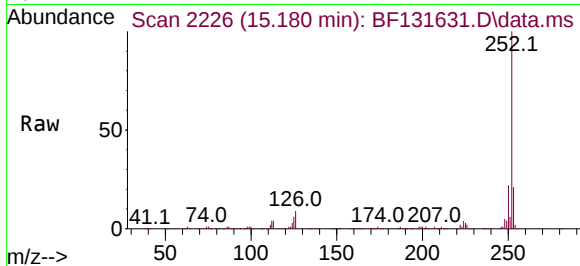
PB149594BS

Tgt Ion:252 Resp: 394698
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 6.0 4.9 7.3

Manual Integrations

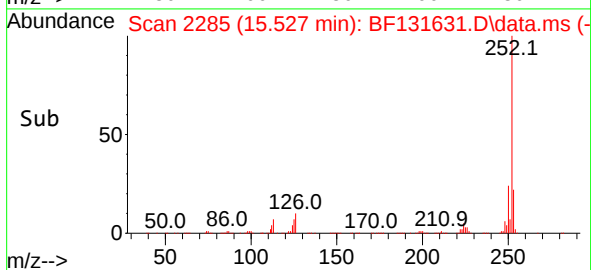
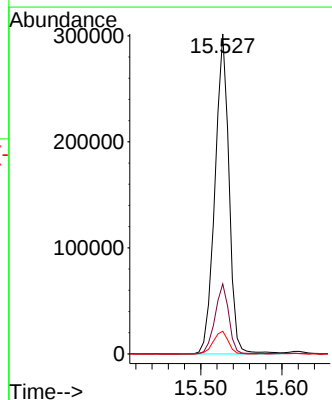
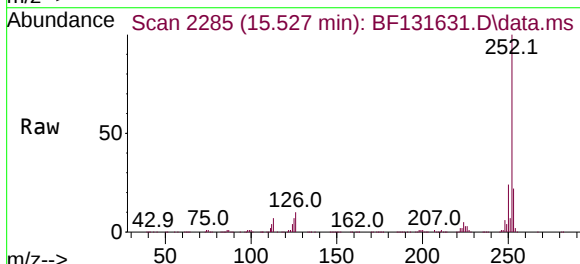
APPROVED

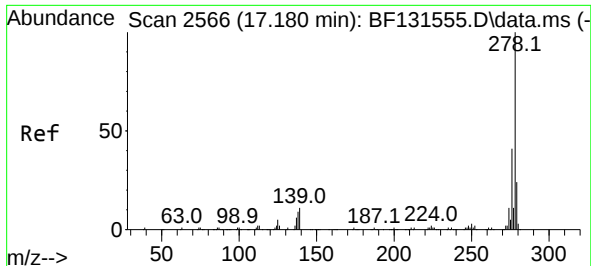
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#90
Benzo(a)pyrene
Concen: 47.757 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:252 Resp: 362786
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.1 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 42.865 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Instrument :

BNA_F

ClientSampleId :

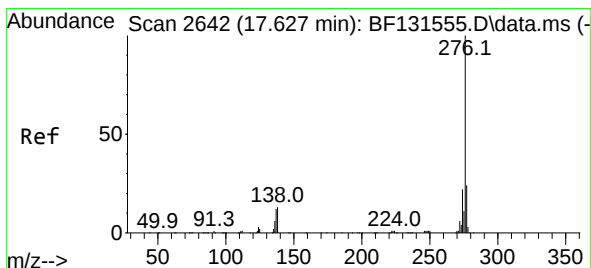
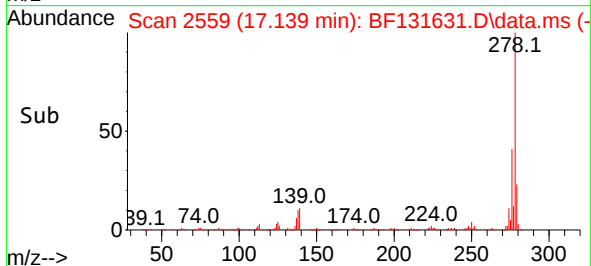
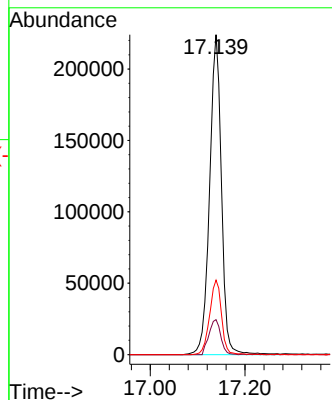
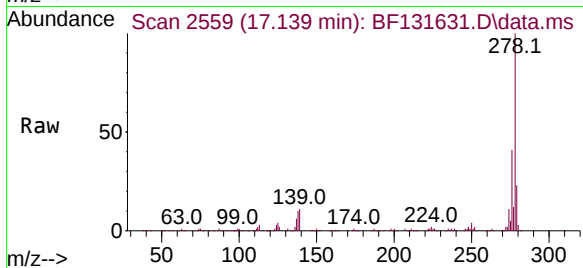
PB149594BS

Tgt Ion:278 Resp: 388849
Ion Ratio Lower Upper
278 100
139 10.9 8.9 13.3
279 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#92
Benzo(g,h,i)perylene
Concen: 42.437 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.006 min
Lab File: BF131631.D
Acq: 14 Dec 2022 15:15

Tgt Ion:276 Resp: 386898
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 14.4 10.7 16.1

