

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131634.D
 Acq On : 14 Dec 2022 16:53
 Operator : CG\JU
 Sample : PB149640BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149640BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 01:55:15 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	70166	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	253238	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	146314	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	274985	20.000	ng	0.00
76) Chrysene-d12	14.086	240	147954	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	127375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	598849	142.384	ng	0.02
7) Phenol-d6	6.522	99	761343	138.137	ng	0.00
23) Nitrobenzene-d5	7.457	82	525674	78.480	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	218371	134.333	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	903447	77.855	ng	0.00
79) Terphenyl-d14	13.027	244	984811	91.283	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	77008	40.564	ng	97
3) Pyridine	3.475	79	210845	40.003	ng	96
4) n-Nitrosodimethylamine	3.446	42	114444	39.371	ng	# 89
6) Aniline	6.545	93	226198	34.317	ng	95
8) 2-Chlorophenol	6.669	128	203585	45.676	ng	96
9) Benzaldehyde	6.434	77	107026	28.346	ng	96
10) Phenol	6.534	94	280864m	45.686	ng	
11) bis(2-Chloroethyl)ether	6.622	93	211876	45.977	ng	96
12) 1,3-Dichlorobenzene	6.822	146	222542	43.065	ng	98
13) 1,4-Dichlorobenzene	6.898	146	226639	43.481	ng	99
14) 1,2-Dichlorobenzene	7.051	146	217407	43.663	ng	98
15) Benzyl Alcohol	7.034	79	220931	43.724	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	258366	43.402	ng	98
17) 2-Methylphenol	7.145	107	180910	45.037	ng	99
18) Hexachloroethane	7.398	117	90905	43.234	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	168854	40.858	ng	94
20) 3+4-Methylphenols	7.298	107	231628	42.335	ng	# 78
22) Acetophenone	7.298	105	326910	41.194	ng	96
24) Nitrobenzene	7.475	77	269931	39.956	ng	93
25) Isophorone	7.710	82	468454	43.419	ng	99
26) 2-Nitrophenol	7.787	139	109350	47.465	ng	96
27) 2,4-Dimethylphenol	7.828	122	178439	50.532	ng	95
28) bis(2-Chloroethoxy)met...	7.922	93	258084	46.241	ng	99
29) 2,4-Dichlorophenol	8.034	162	184714	42.306	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	210060	39.231	ng	99
31) Naphthalene	8.198	128	575730	40.365	ng	99
32) Benzoic acid	7.957	122	117359	45.891	ng	98
33) 4-Chloroaniline	8.245	127	74507	13.936	ng	97
34) Hexachlorobutadiene	8.310	225	142891	37.865	ng	99
35) Caprolactam	8.628	113	53890m	47.714	ng	
36) 4-Chloro-3-methylphenol	8.734	107	210278	42.889	ng	97
37) 2-Methylnaphthalene	8.887	142	386974	39.672	ng	99
38) 1-Methylnaphthalene	8.987	142	364378	38.913	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	224164	41.387	ng	98
41) Hexachlorocyclopentadiene	9.039	237	264821	96.329	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	139797	41.729	ng	99

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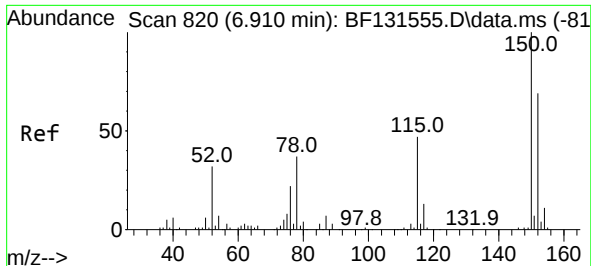
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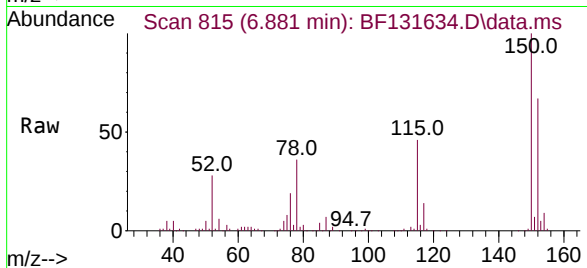
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	147535	40.950	ng	99
46) 1,1'-Biphenyl	9.357	154	483516	41.796	ng	98
47) 2-Chloronaphthalene	9.381	162	393674	41.768	ng	98
48) 2-Nitroaniline	9.486	65	140487	42.077	ng	# 84
49) Acenaphthylene	9.804	152	589431	42.592	ng	100
50) Dimethylphthalate	9.663	163	457927	41.056	ng	99
51) 2,6-Dinitrotoluene	9.728	165	101204	43.951	ng	# 77
52) Acenaphthene	9.975	154	425137m	45.857	ng	
53) 3-Nitroaniline	9.898	138	51617	23.364	ng	94
54) 2,4-Dinitrophenol	10.004	184	109625	83.004	ng	95
55) Dibenzofuran	10.145	168	535668	40.893	ng	100
56) 4-Nitrophenol	10.069	139	142619	92.925	ng	# 81
57) 2,4-Dinitrotoluene	10.134	165	135558	44.379	ng	97
58) Fluorene	10.492	166	426277	40.029	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	120044m	39.347	ng	
60) Diethylphthalate	10.363	149	432441	40.402	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	231521	39.341	ng	98
62) 4-Nitroaniline	10.522	138	93242	42.590	ng	89
63) Azobenzene	10.645	77	474659	38.881	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	73524	42.214	ng	99
66) n-Nitrosodiphenylamine	10.604	169	362594	40.787	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	137940	38.994	ng	98
68) Hexachlorobenzene	11.039	284	154323	40.332	ng	99
69) Atrazine	11.133	200	136978	48.521	ng	98
70) Pentachlorophenol	11.239	266	157275	79.841	ng	98
71) Phenanthrene	11.457	178	629163	41.048	ng	99
72) Anthracene	11.510	178	638044	42.787	ng	100
73) Carbazole	11.669	167	537754	44.180	ng	99
74) Di-n-butylphthalate	11.992	149	616826	41.307	ng	100
75) Fluoranthene	12.651	202	670259	42.467	ng	99
77) Benzidine	12.775	184	175186	44.191	ng	99
78) Pyrene	12.880	202	665582	45.622	ng	99
80) Butylbenzylphthalate	13.504	149	199931	47.355	ng	91
81) Benzo(a)anthracene	14.074	228	462489	43.285	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	72290	23.780	ng	93
83) Chrysene	14.116	228	429497	42.282	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	211338	37.454	ng	98
85) Di-n-octyl phthalate	14.680	149	274090	31.139	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	421735	40.570	ng	98
88) Benzo(b)fluoranthene	15.145	252	380498	45.324	ng	100
89) Benzo(k)fluoranthene	15.174	252	343306	39.179	ng	99
90) Benzo(a)pyrene	15.527	252	323589	45.166	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	350296	40.944	ng	99
92) Benzo(g,h,i)perylene	17.580	276	353132	41.069	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

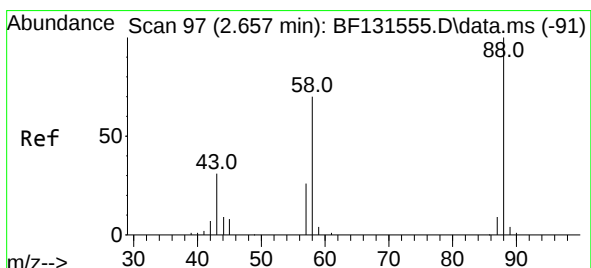
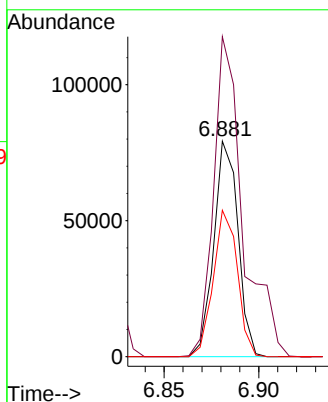
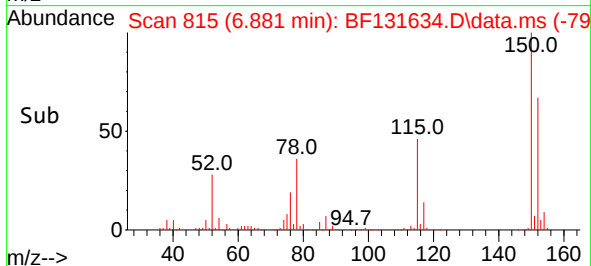
Instrument :
BNA_F
ClientSampleId :
PB149640BS



Tgt Ion:152 Resp: 70166
Ion Ratio Lower Upper
152 100
150 148.6 116.7 175.1
115 67.9 54.6 82.0

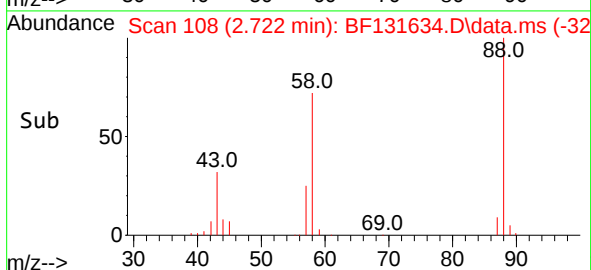
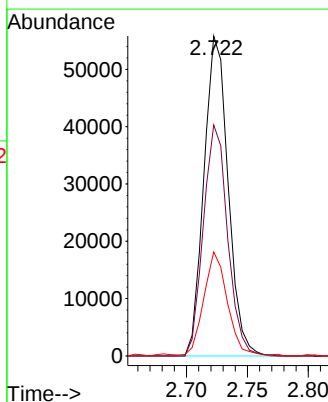
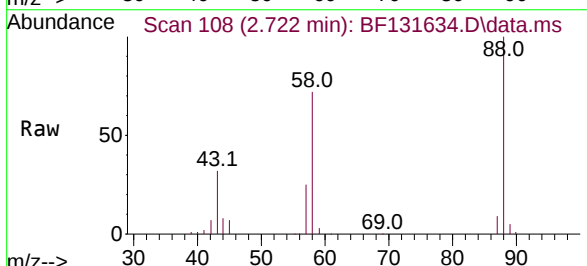
Manual Integrations
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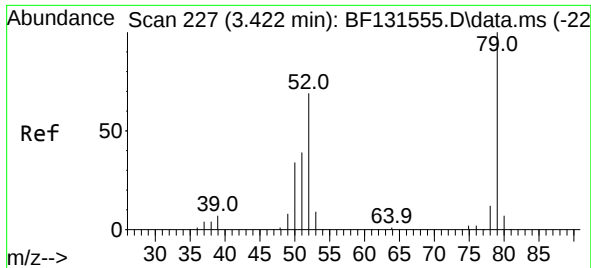
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#2
1,4-Dioxane
Concen: 40.564 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.094 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion: 88 Resp: 77008
Ion Ratio Lower Upper
88 100
58 72.4 60.0 90.0
43 32.0 26.7 40.1





#3

Pyridine

Concen: 40.003 ng

RT: 3.475 min Scan# 231

Delta R.T. 0.083 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

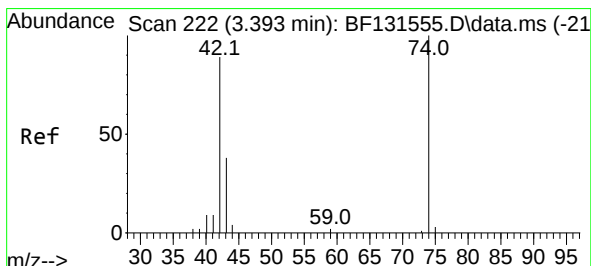
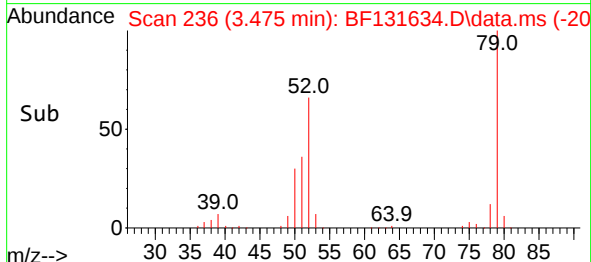
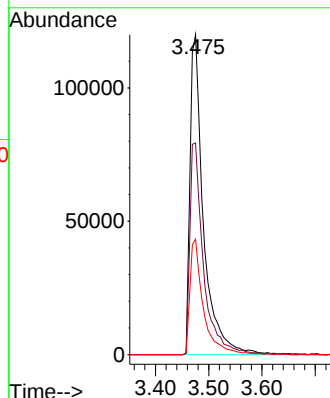
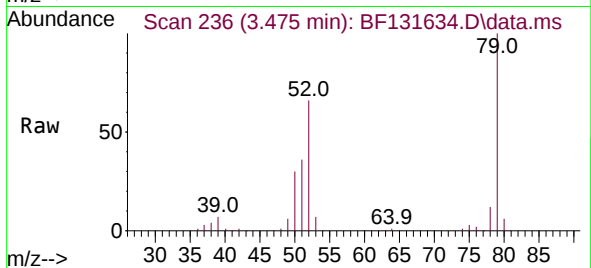
PB149640BS

Tgt Ion: 79 Resp: 210845
 Ion Ratio Lower Upper
 79 100
 52 66.1 55.0 82.6
 51 36.1 31.4 47.2

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#4

n-Nitrosodimethylamine

Concen: 39.371 ng

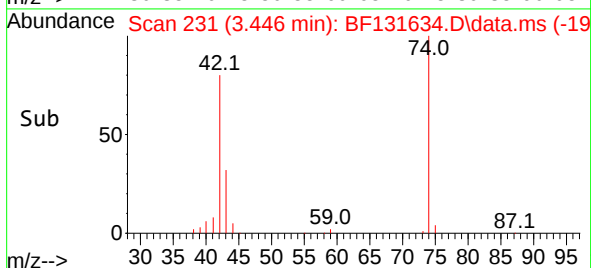
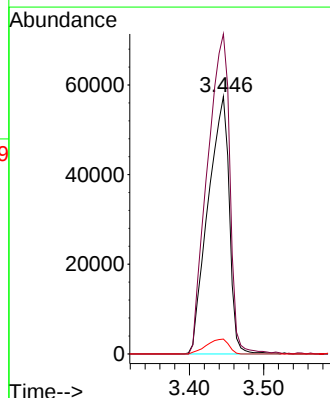
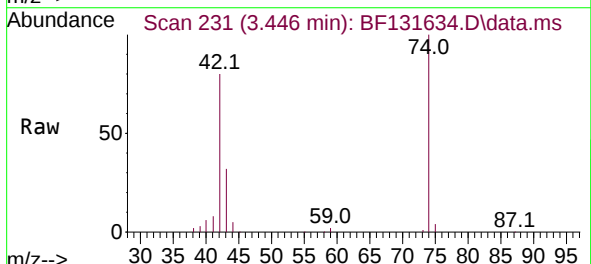
RT: 3.446 min Scan# 231

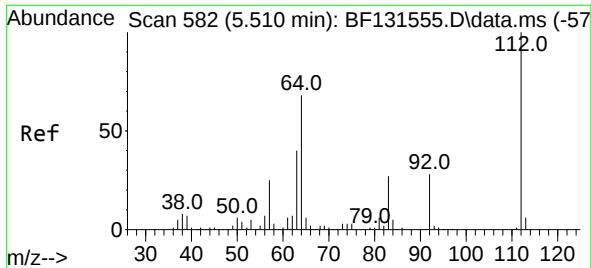
Delta R.T. 0.088 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Tgt Ion: 42 Resp: 114444
 Ion Ratio Lower Upper
 42 100
 74 124.3 90.2 135.2
 44 5.8 3.7 5.5#





#5
2-Fluorophenol
Concen: 142.384 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

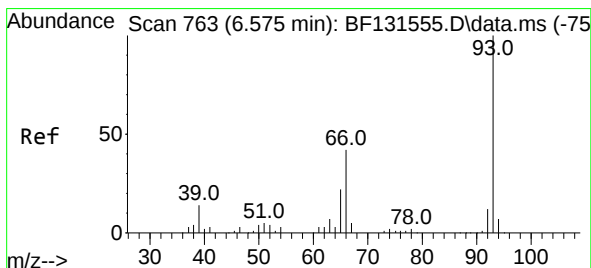
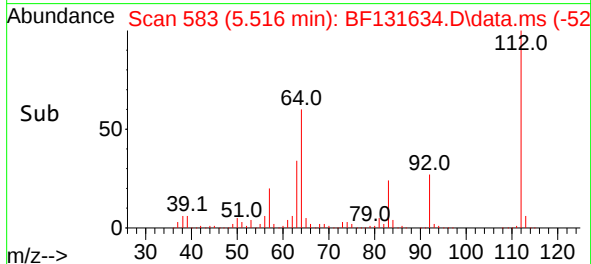
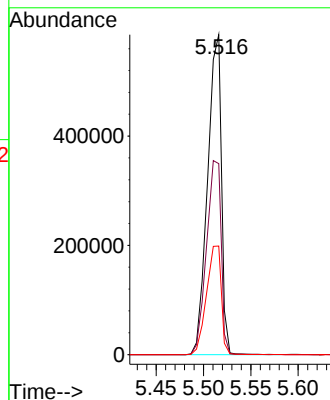
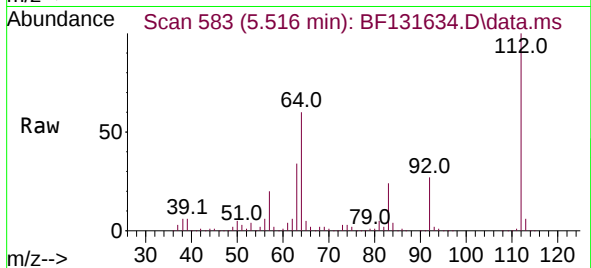
PB149640BS

Tgt Ion:112 Resp: 598849
Ion Ratio Lower Upper
112 100
64 59.7 54.5 81.7
63 33.9 31.9 47.9

Manual Integrations

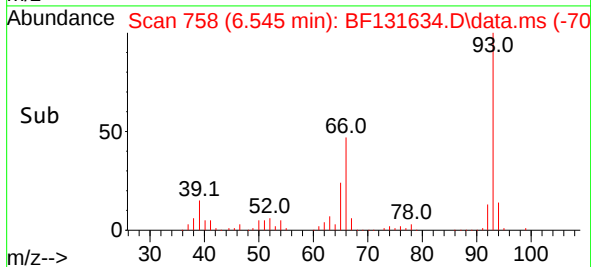
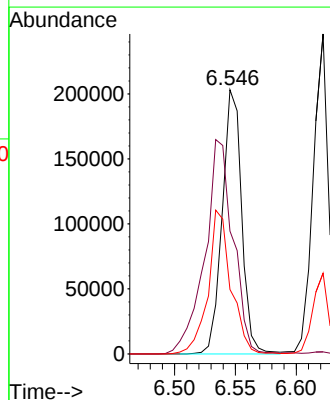
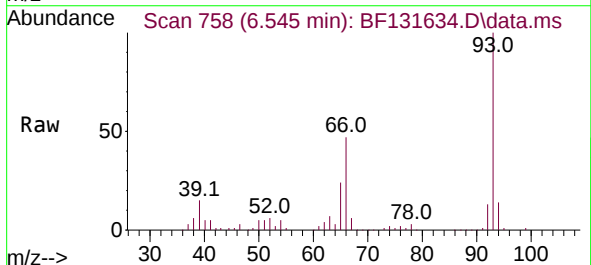
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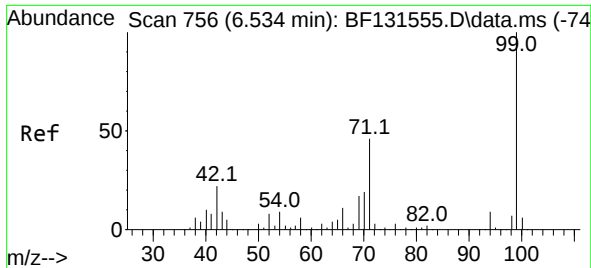
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#6
Aniline
Concen: 34.317 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

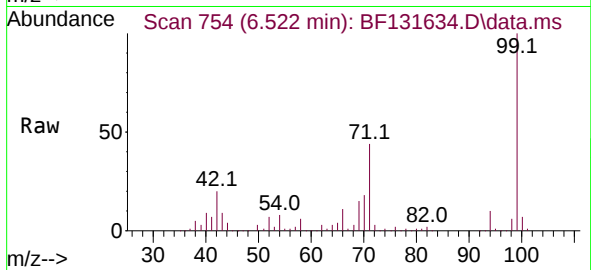
Tgt Ion: 93 Resp: 226198
Ion Ratio Lower Upper
93 100
66 46.5 34.6 51.8
65 24.4 17.7 26.5





#7
Phenol-d6
Concen: 138.137 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

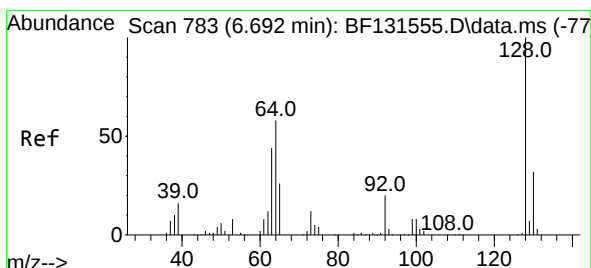
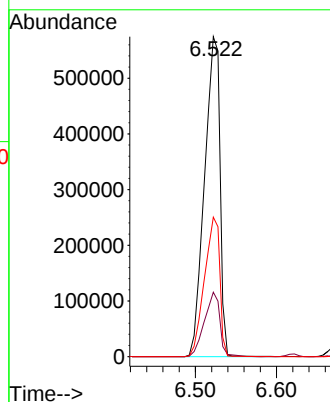
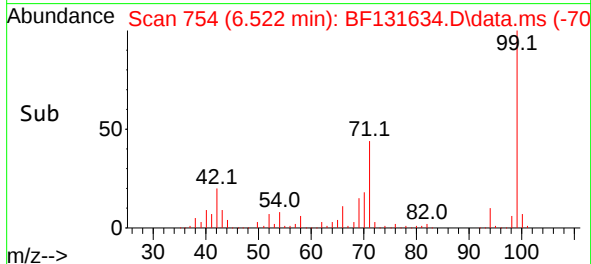
Instrument :
BNA_F
ClientSampleId :
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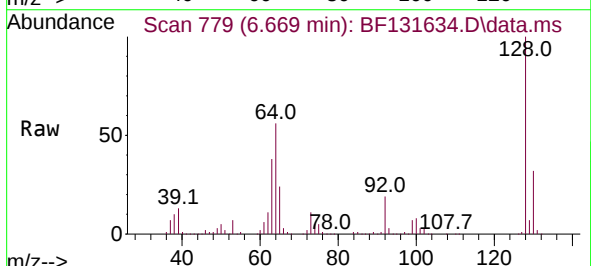
Tgt Ion: 99 Resp: 761343
Ion Ratio Lower Upper
99 100
42 20.1 17.9 26.9
71 43.6 37.2 55.8

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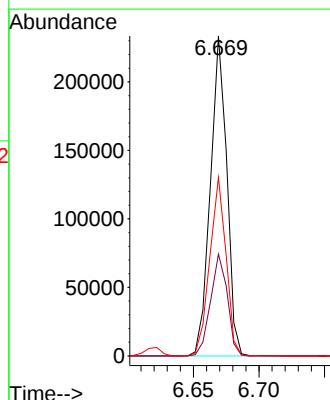
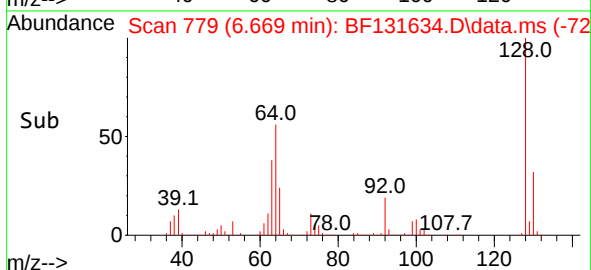
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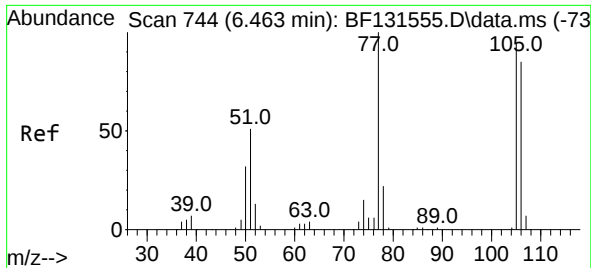


#8
2-Chlorophenol
Concen: 45.676 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:128 Resp: 203585
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 55.8 40.6 80.6





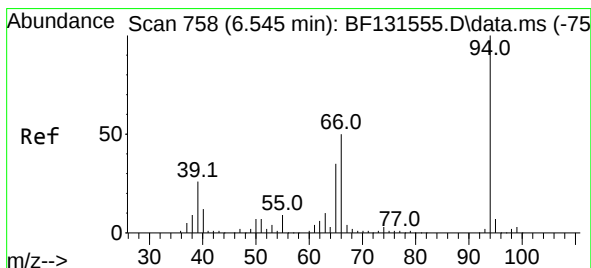
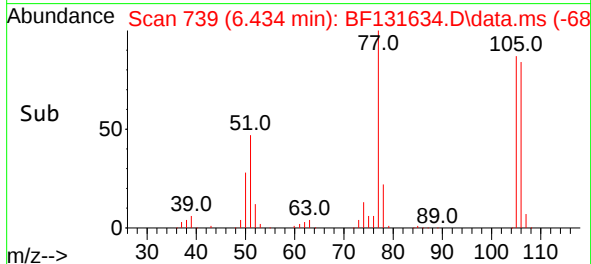
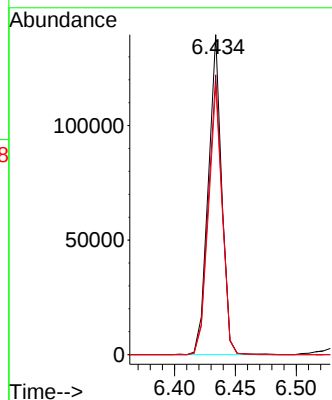
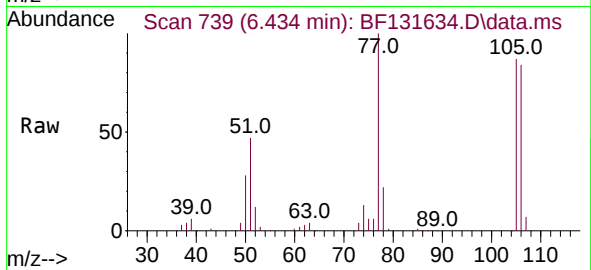
#9
Benzaldehyde
Concen: 28.346 ng
RT: 6.434 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion: 77 Resp: 107026
Ion Ratio Lower Upper
77 100
105 87.4 73.8 113.8
106 84.4 65.2 105.2

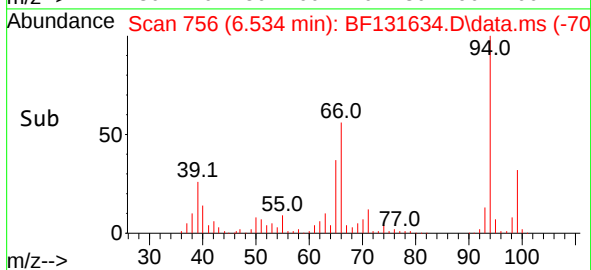
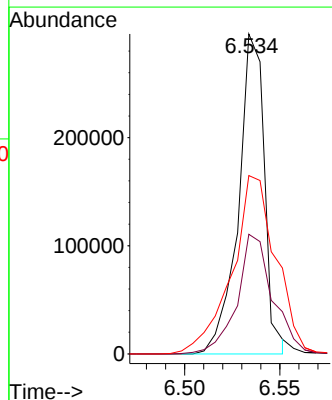
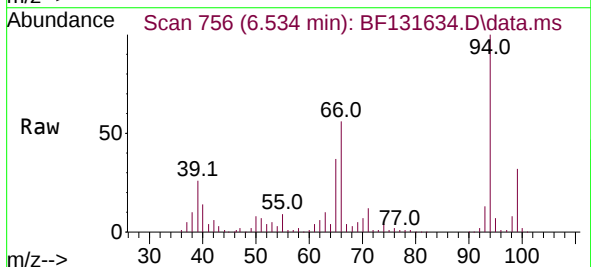
Manual Integrations
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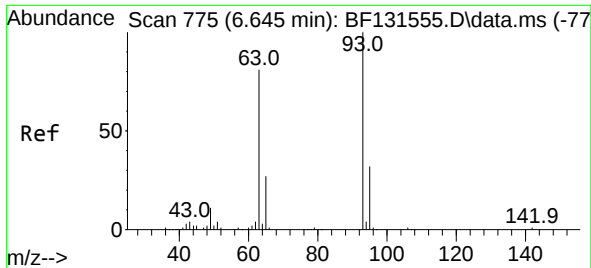
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#10
Phenol
Concen: 45.686 ng m
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion: 94 Resp: 280864
Ion Ratio Lower Upper
94 100
65 37.4 14.8 54.8
66 55.7 30.8 70.8





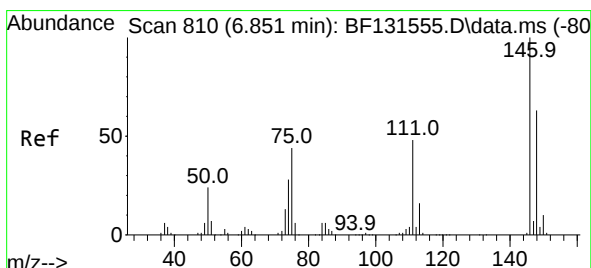
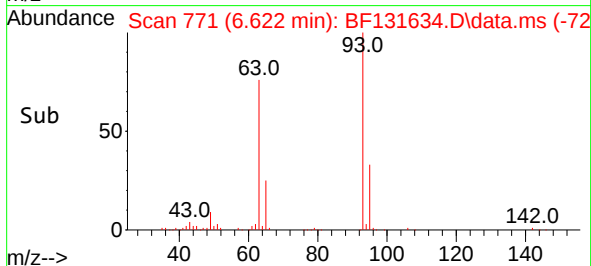
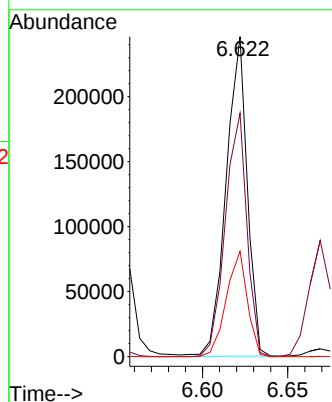
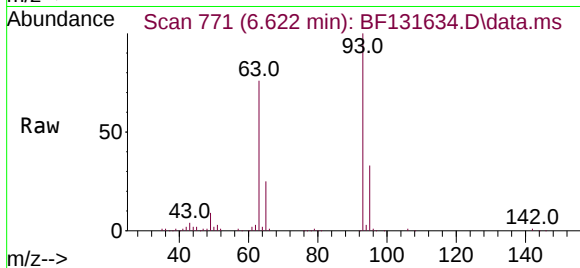
#11
bis(2-Chloroethyl)ether
Concen: 45.977 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion: 93 Resp: 211876
Ion Ratio Lower Upper
93 100
63 76.0 60.4 100.4
95 33.0 12.3 52.3

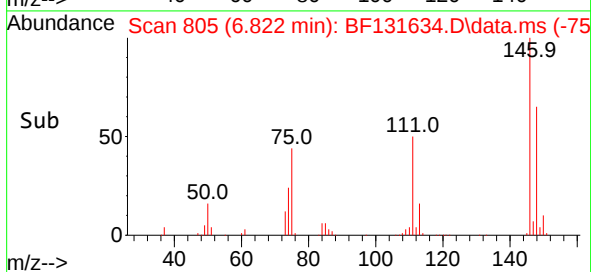
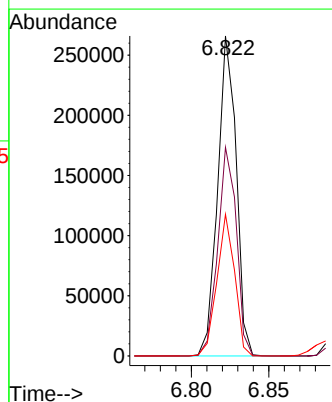
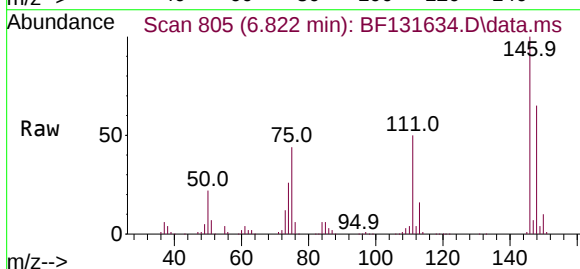
Manual Integrations
APPROVED

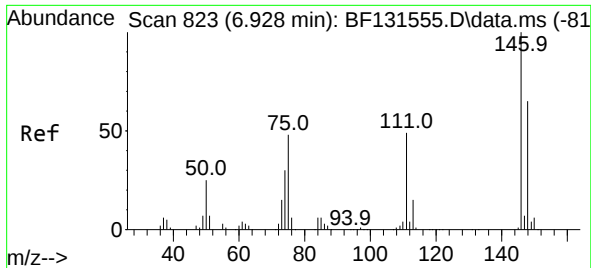
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#12
1,3-Dichlorobenzene
Concen: 43.065 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:146 Resp: 222542
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
75 44.2 35.1 52.7





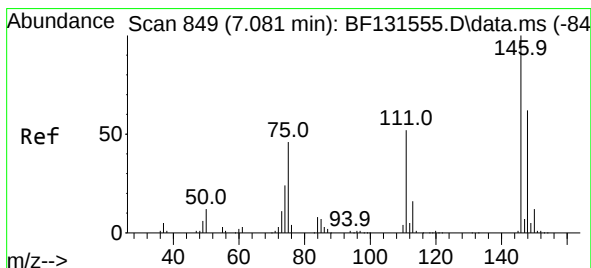
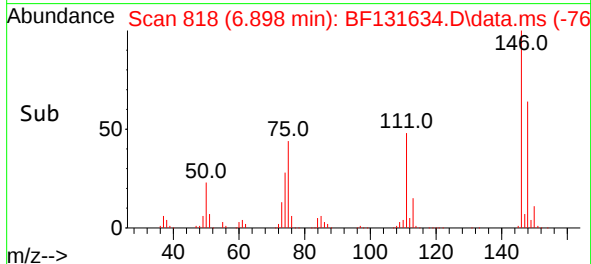
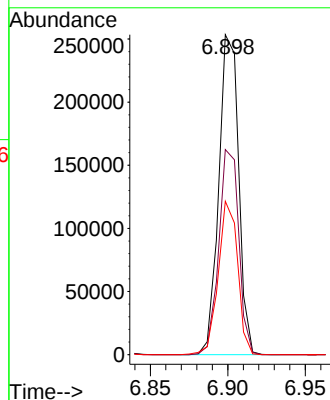
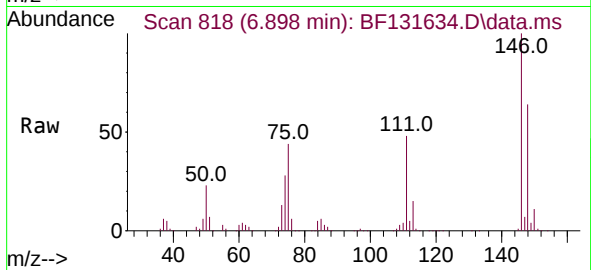
#13
1,4-Dichlorobenzene
Concen: 43.481 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:146 Resp: 226639
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 47.9 38.9 58.3

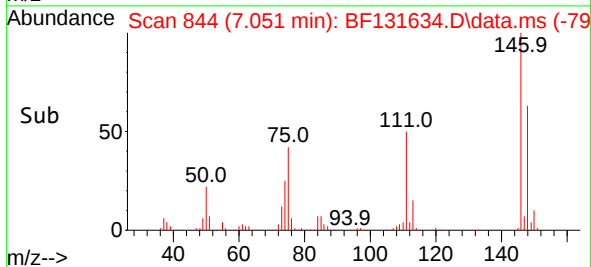
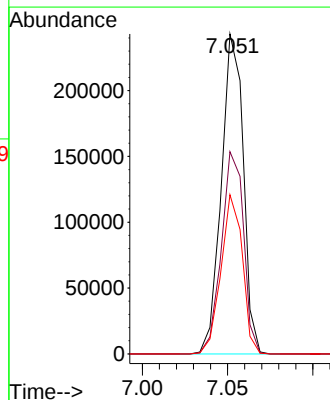
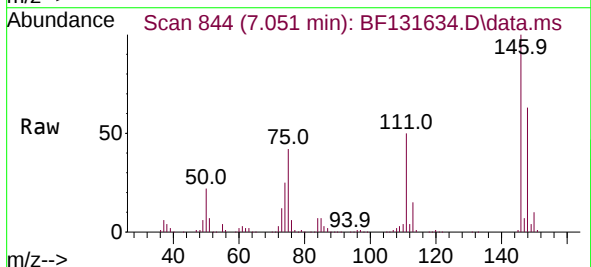
Manual Integrations
APPROVED

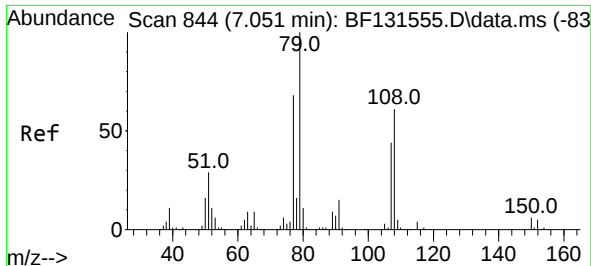
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#14
1,2-Dichlorobenzene
Concen: 43.663 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

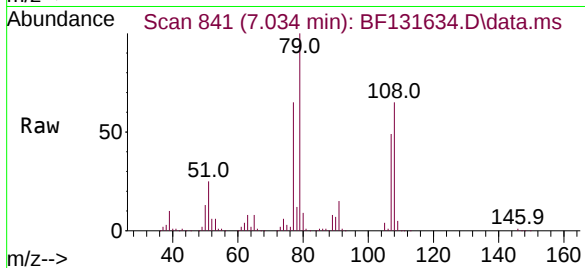
Tgt Ion:146 Resp: 217407
Ion Ratio Lower Upper
146 100
148 63.2 49.9 74.9
111 49.7 41.8 62.6





#15
Benzyl Alcohol
Concen: 43.724 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

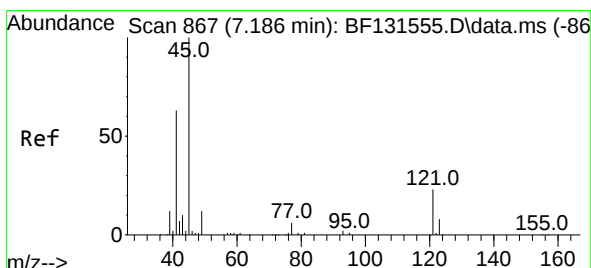
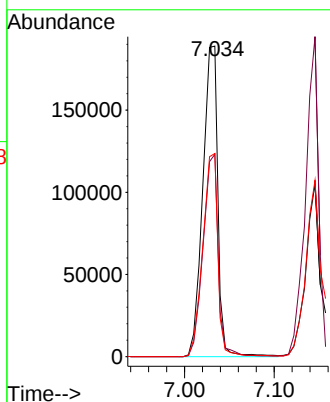
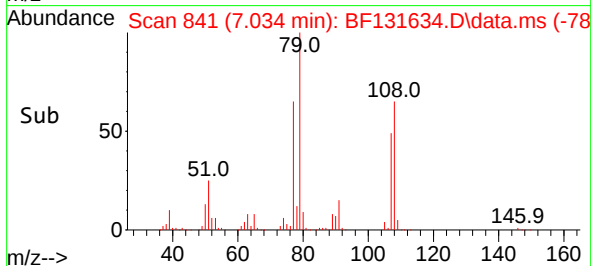
Instrument :
BNA_F
ClientSampleId :
PB149640BS



Tgt Ion: 79 Resp: 220931
Ion Ratio Lower Upper
79 100
108 65.2 49.2 73.8
77 65.4 54.5 81.7

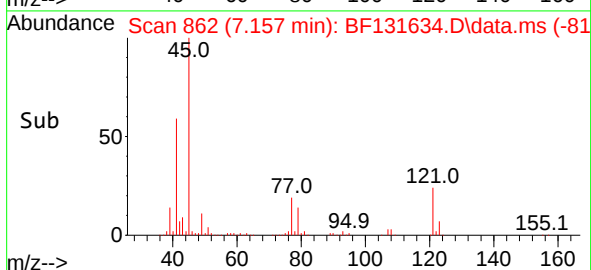
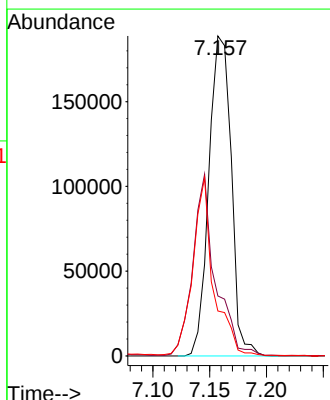
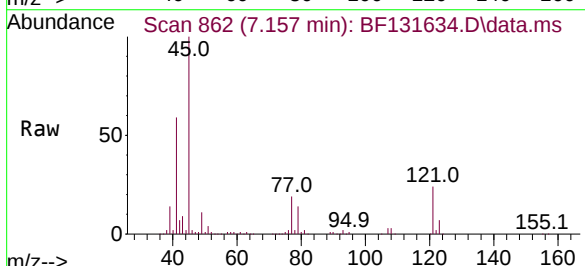
Manual Integrations
APPROVED

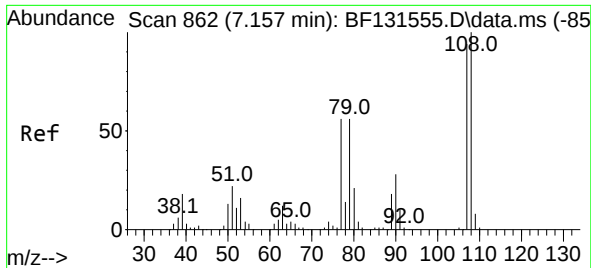
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.402 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion: 45 Resp: 258366
Ion Ratio Lower Upper
45 100
77 18.7 0.0 37.7
79 14.0 0.0 33.6





#17
2-Methylphenol
Concen: 45.037 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

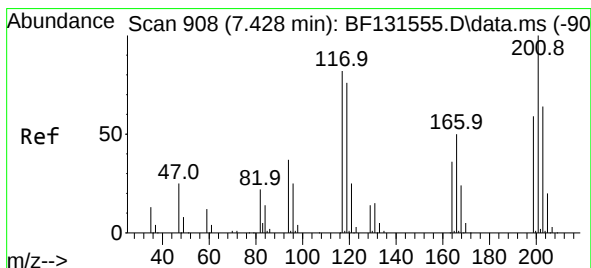
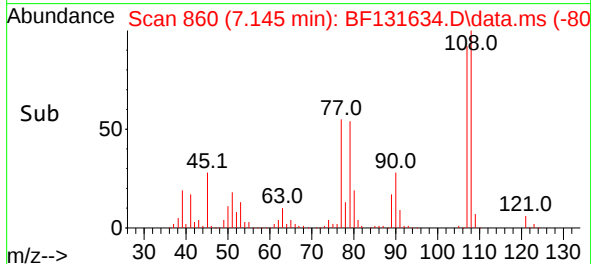
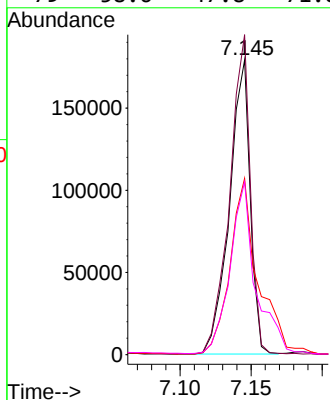
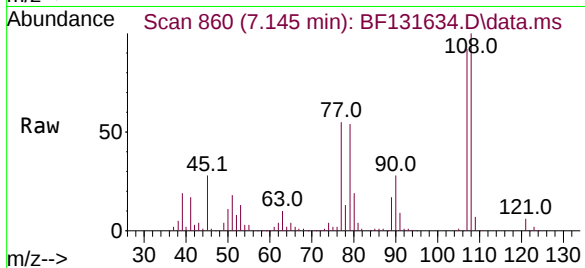
PB149640BS

Tgt Ion:107 Resp: 180910
Ion Ratio Lower Upper
107 100
108 108.6 85.5 128.3
77 59.8 48.2 72.4
79 58.6 47.8 71.8

Manual Integrations

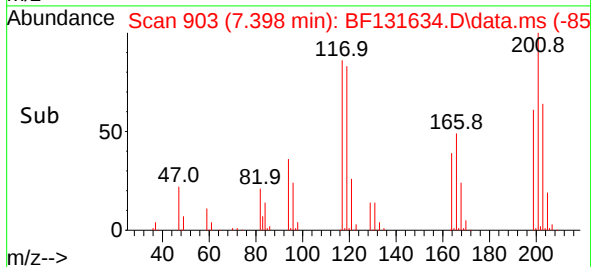
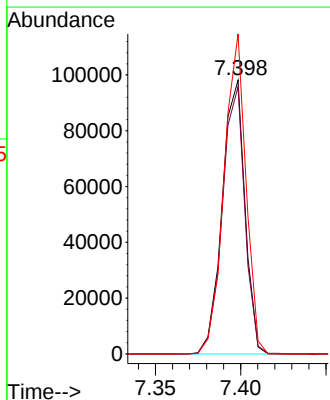
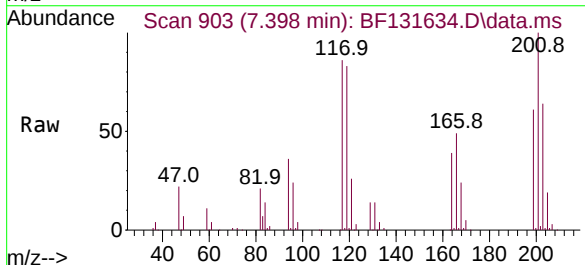
APPROVED

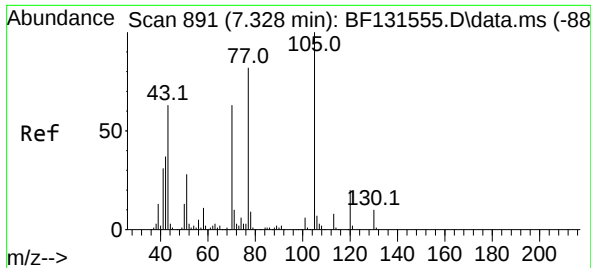
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#18
Hexachloroethane
Concen: 43.234 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:117 Resp: 90905
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.4
201 116.9 98.0 147.0





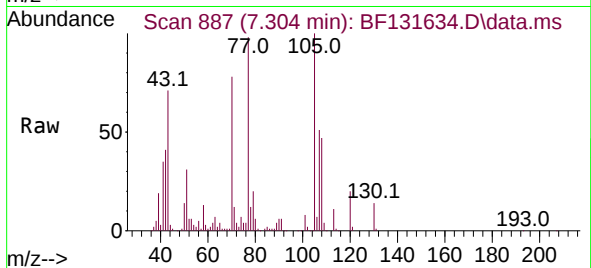
#19
n-Nitroso-di-n-propylamine
Concen: 40.858 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

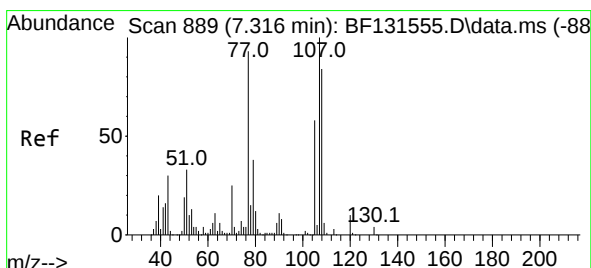
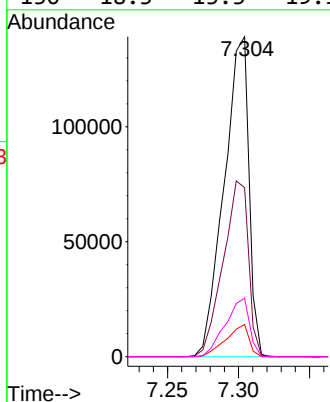
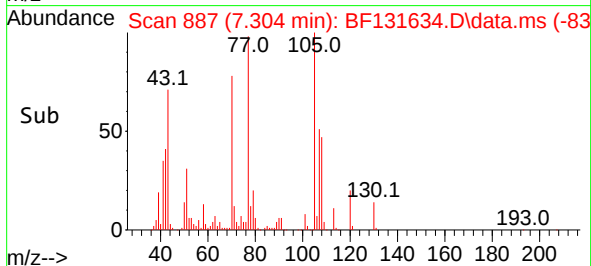


Tgt Ion: 70 Resp: 168854
Ion Ratio Lower Upper
70 100
42 52.8 46.4 69.6
101 10.0 7.2 10.8
130 18.3 13.3 19.9

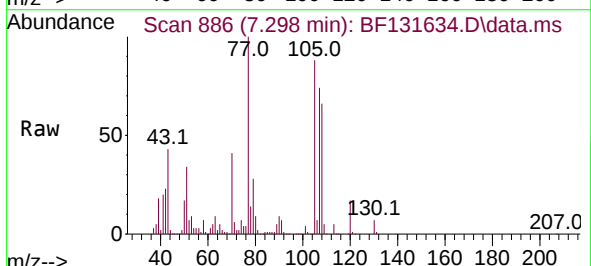
Manual Integrations

APPROVED

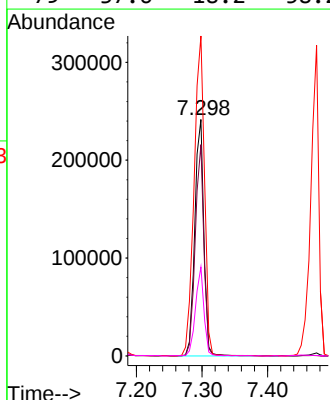
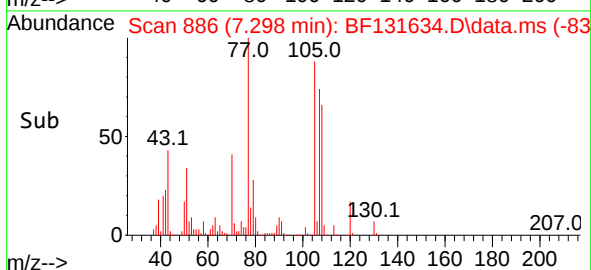
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

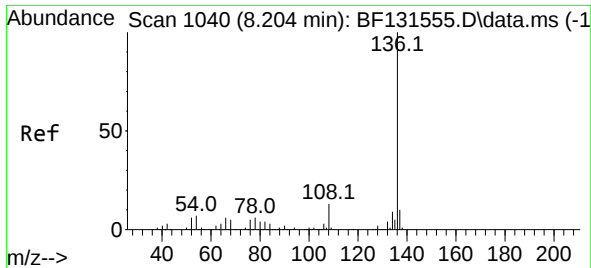


#20
3+4-Methylphenols
Concen: 42.335 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:107 Resp: 231628
Ion Ratio Lower Upper
107 100
108 89.4 64.0 104.0
77 135.4 73.1 113.1#
79 37.6 18.2 58.2





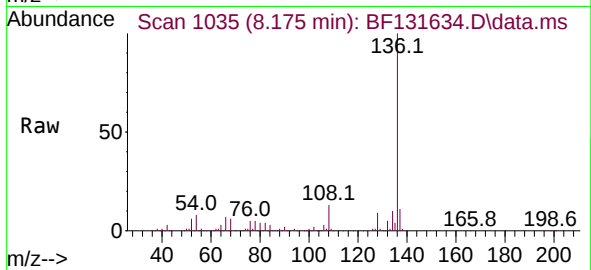
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

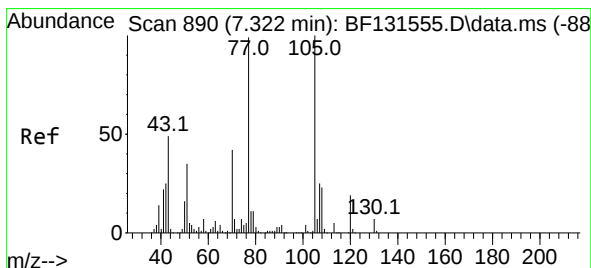
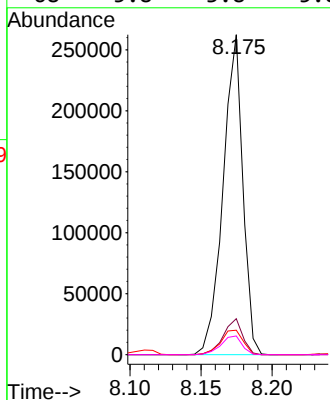
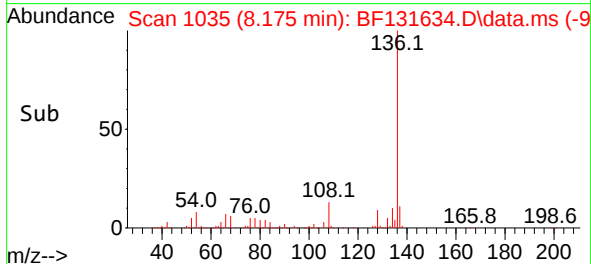


Tgt Ion:136 Resp: 253238
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 7.7 6.0 9.0
68 5.8 3.8 5.8#

Manual Integrations

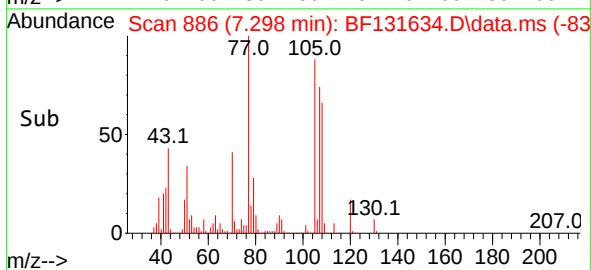
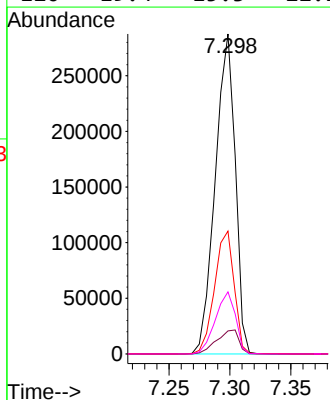
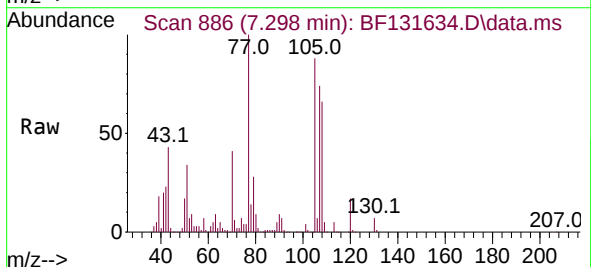
APPROVED

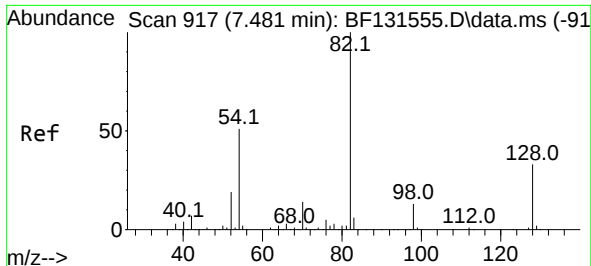
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#22
Acetophenone
Concen: 41.194 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:105 Resp: 326910
Ion Ratio Lower Upper
105 100
71 7.2 5.4 8.0
51 38.4 27.8 41.6
120 19.4 15.3 22.9





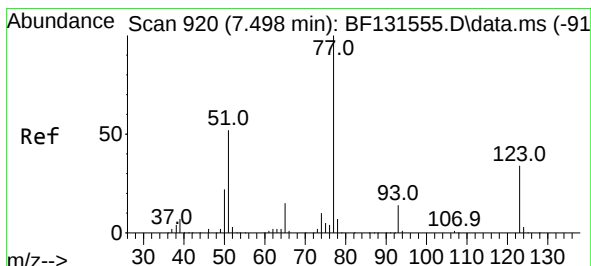
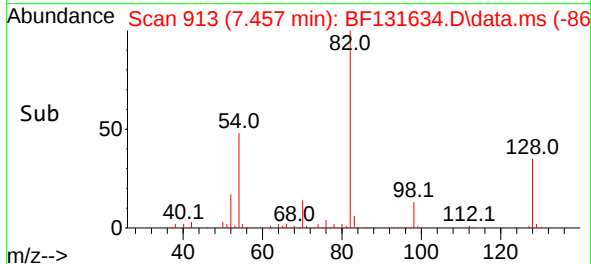
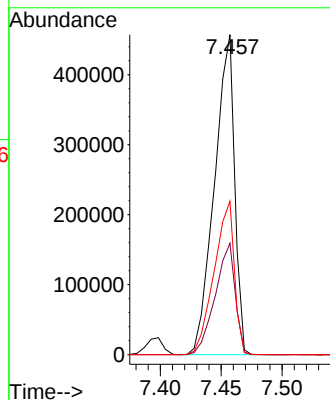
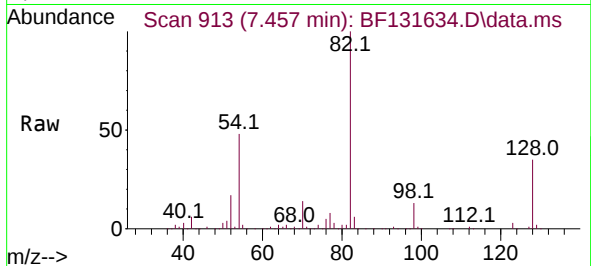
#23
Nitrobenzene-d5
Concen: 78.480 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion: 82 Resp: 525674
Ion Ratio Lower Upper
82 100
128 34.8 26.1 39.1
54 47.9 40.6 60.8

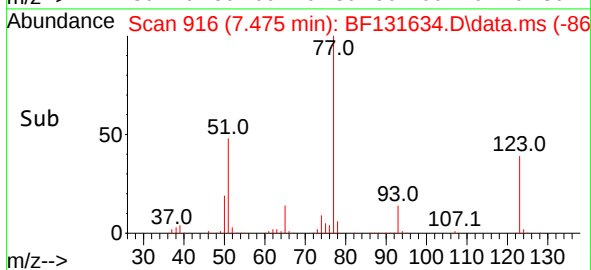
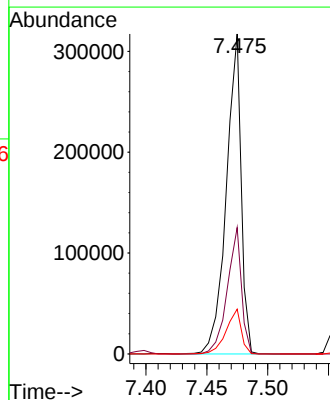
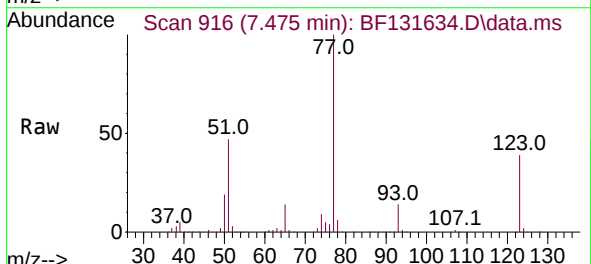
Manual Integrations
APPROVED

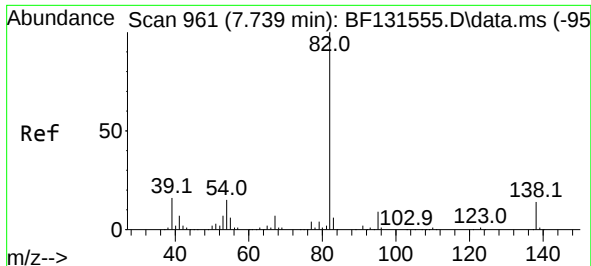
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#24
Nitrobenzene
Concen: 39.956 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion: 77 Resp: 269931
Ion Ratio Lower Upper
77 100
123 39.5 27.1 40.7
65 14.0 11.9 17.9





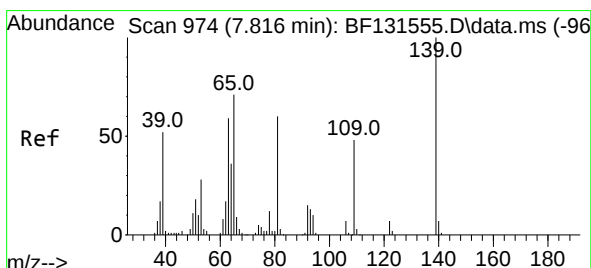
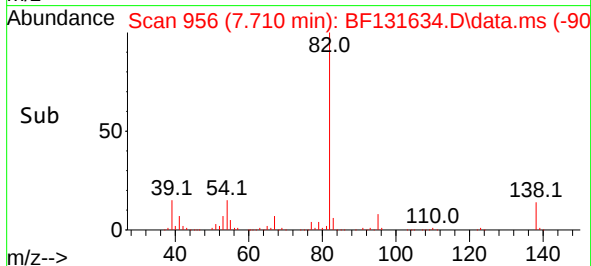
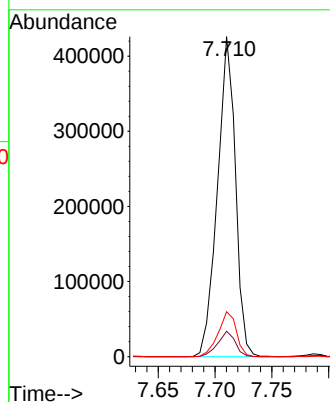
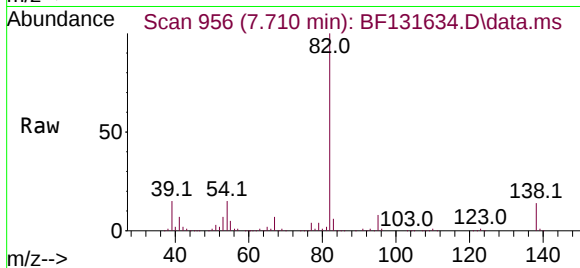
#25
Isophorone
Concen: 43.419 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion: 82 Resp: 468454
Ion Ratio Lower Upper
82 100
95 7.9 6.9 10.3
138 14.0 11.4 17.0

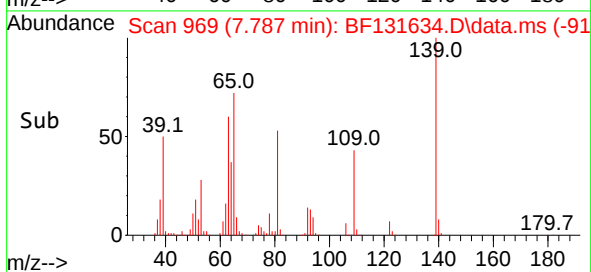
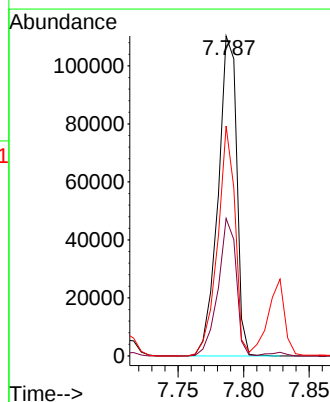
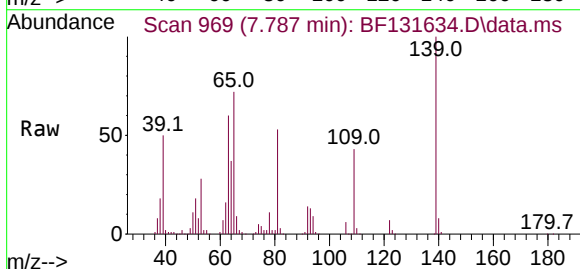
Manual Integrations
APPROVED

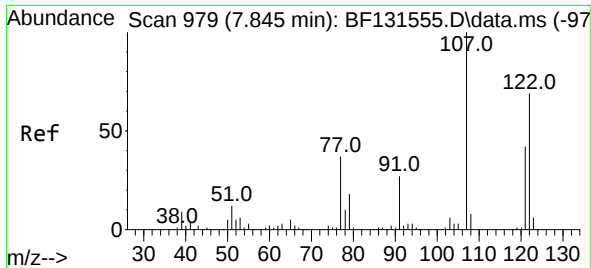
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#26
2-Nitrophenol
Concen: 47.465 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:139 Resp: 109350
Ion Ratio Lower Upper
139 100
109 42.9 38.6 58.0
65 71.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 50.532 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

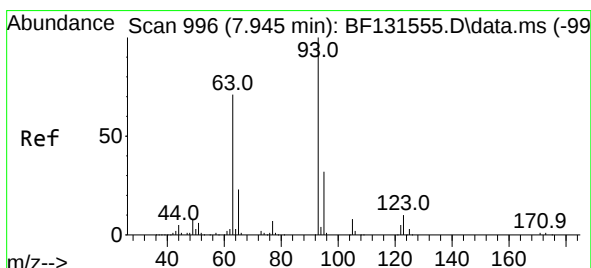
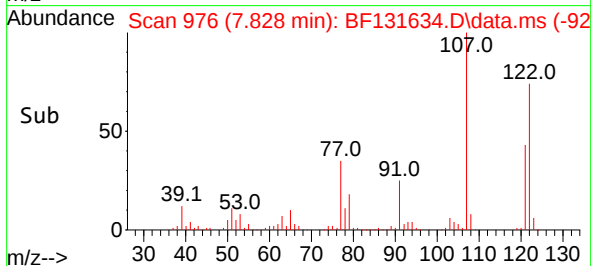
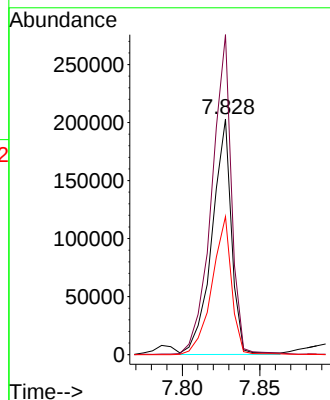
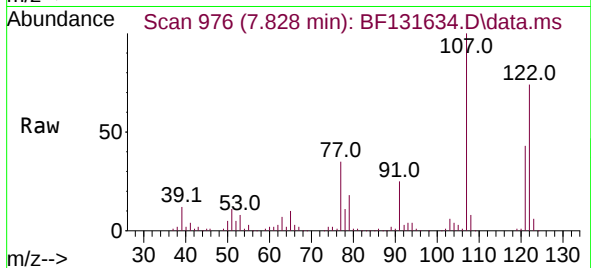
PB149640BS

Tgt Ion:122 Resp: 178439
 Ion Ratio Lower Upper
 122 100
 107 135.8 114.2 171.2
 121 58.6 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: 46.241 ng

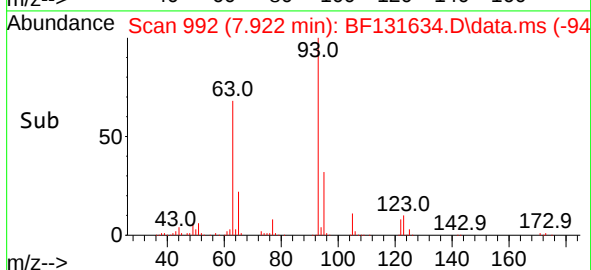
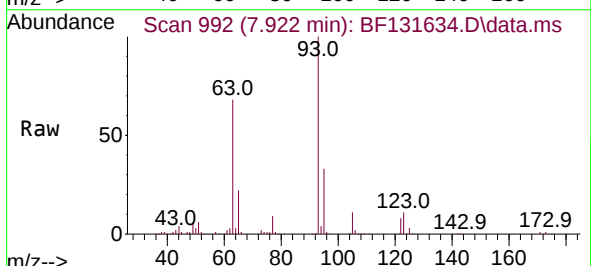
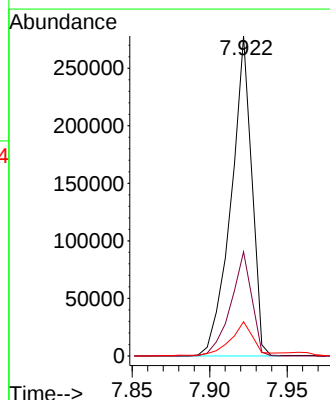
RT: 7.922 min Scan# 992

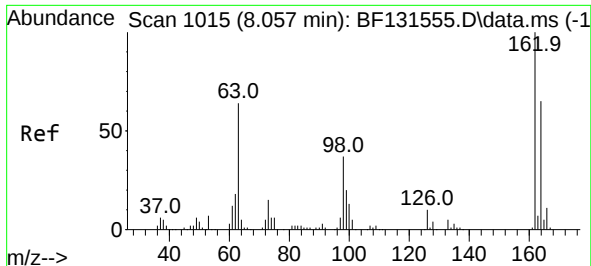
Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Tgt Ion: 93 Resp: 258084
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.6
 123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 42.306 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

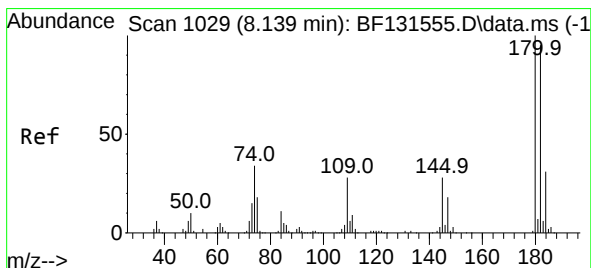
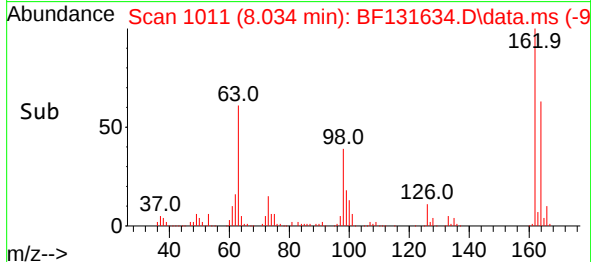
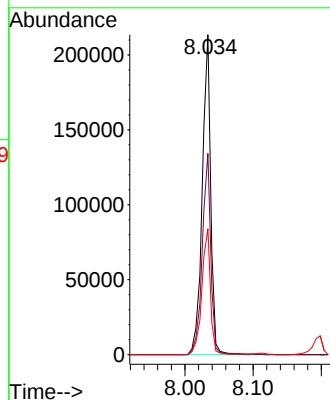
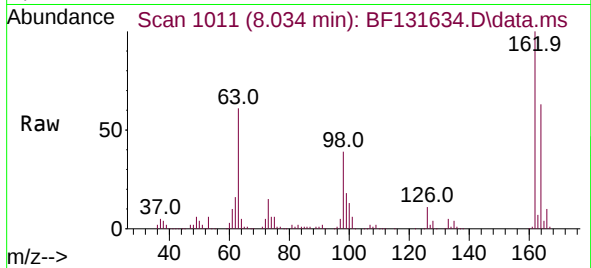
PB149640BS

Tgt Ion:162 Resp: 184714
 Ion Ratio Lower Upper
 162 100
 164 62.9 45.0 85.0
 98 39.3 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: 39.231 ng

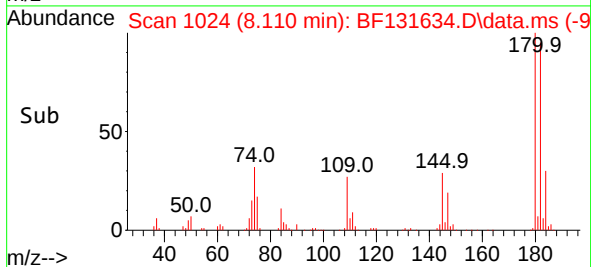
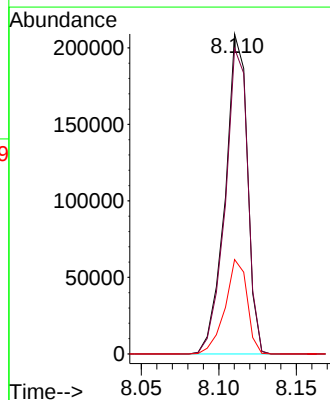
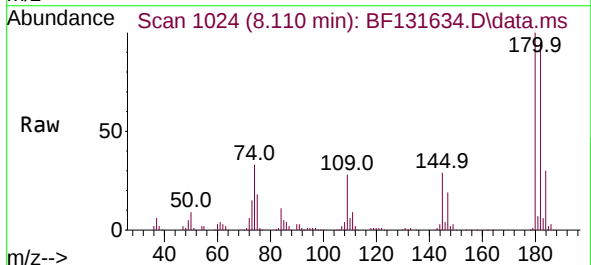
RT: 8.110 min Scan# 1024

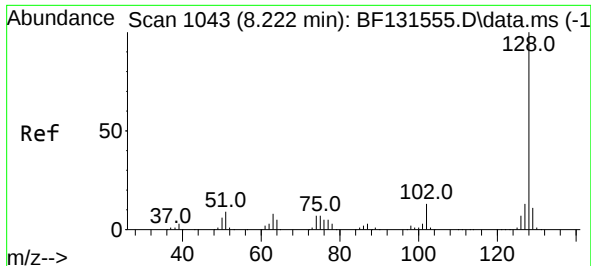
Delta R.T. -0.006 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

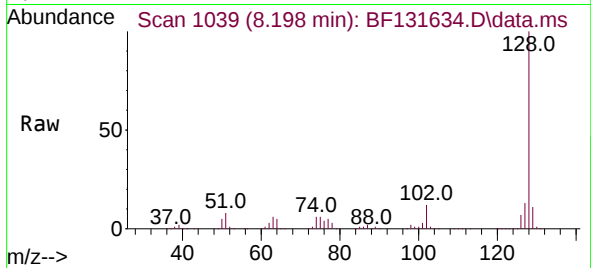
Tgt Ion:180 Resp: 210060
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.8 113.6
 145 29.5 22.4 33.6





#31
Naphthalene
Concen: 40.365 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

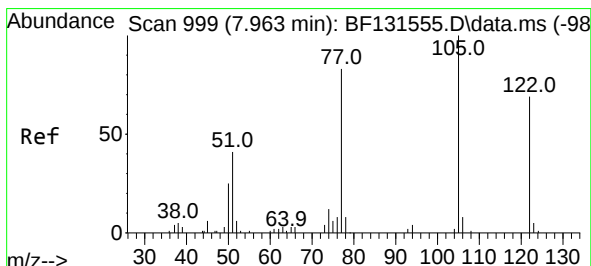
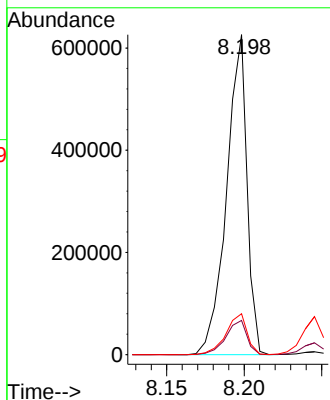
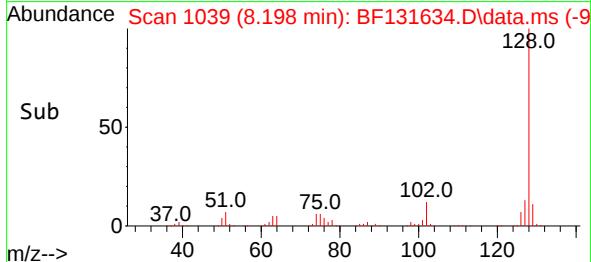
Instrument :
BNA_F
ClientSampleId :
PB149640BS



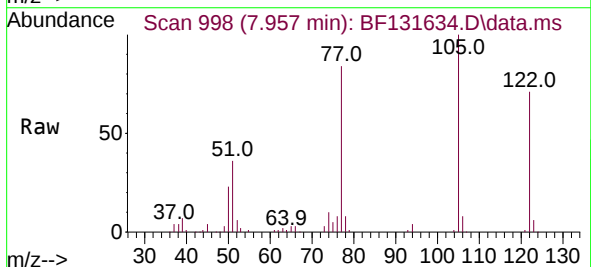
Tgt Ion:128 Resp: 575730
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.8 10.6 15.8

Manual Integrations
APPROVED

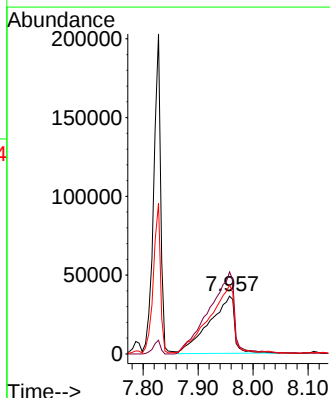
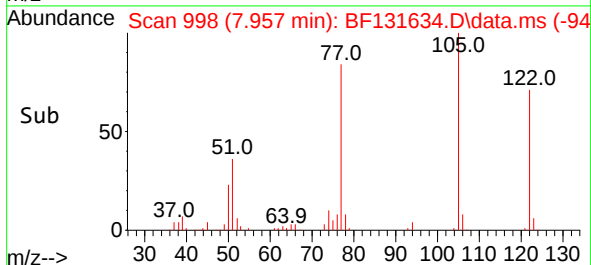
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

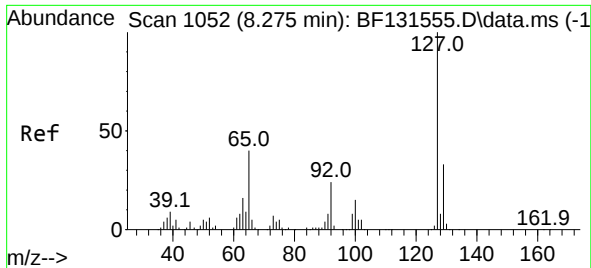


#32
Benzoic acid
Concen: 45.891 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:122 Resp: 117359
Ion Ratio Lower Upper
122 100
105 141.8 119.8 159.8
77 119.3 97.6 137.6





#33
4-Chloroaniline
Concen: 13.936 ng
RT: 8.245 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

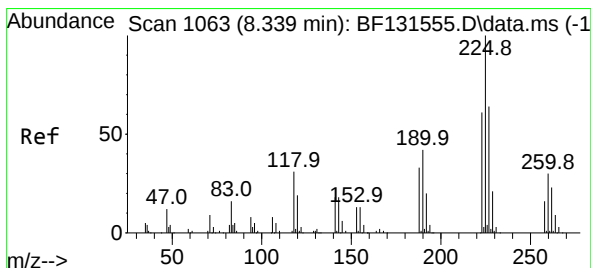
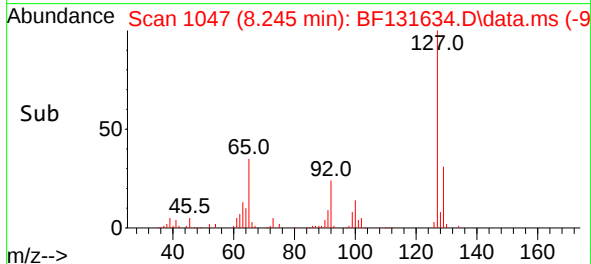
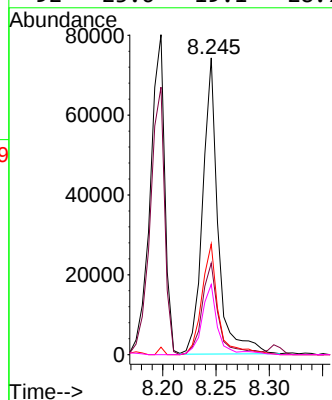
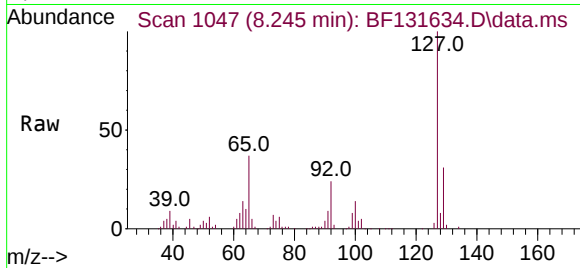
PB149640BS

Tgt Ion:127	Resp:	7450
Ion Ratio	Lower	Upper
127	100	
129	30.8	26.4 39.6
65	37.3	31.9 47.9
92	23.6	19.1 28.7

Manual Integrations

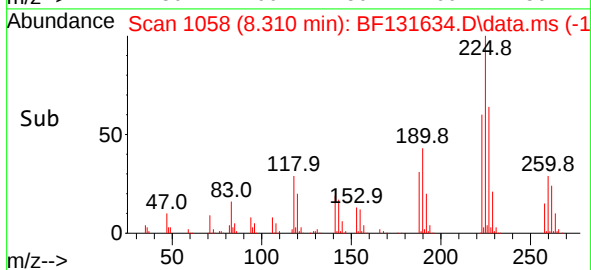
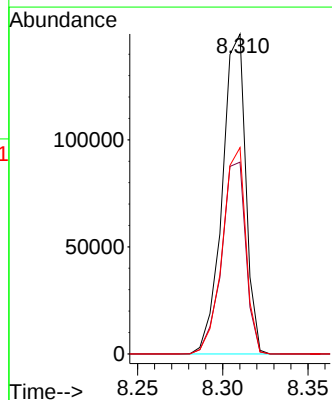
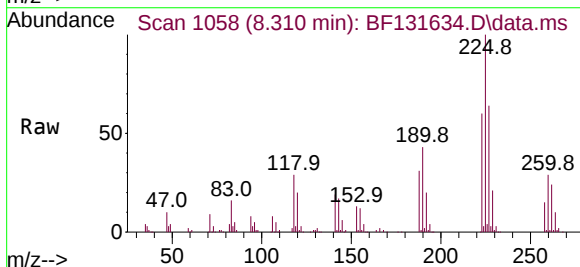
APPROVED

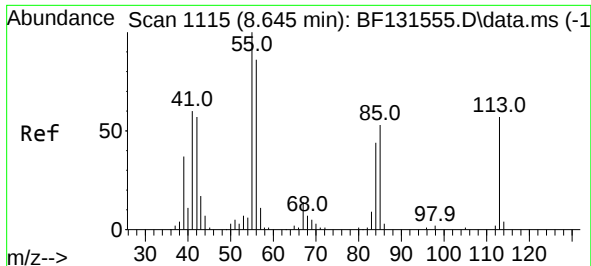
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#34
Hexachlorobutadiene
Concen: 37.865 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:225	Resp:	142891
Ion Ratio	Lower	Upper
225	100	
223	59.9	48.7 73.1
227	64.5	51.0 76.6





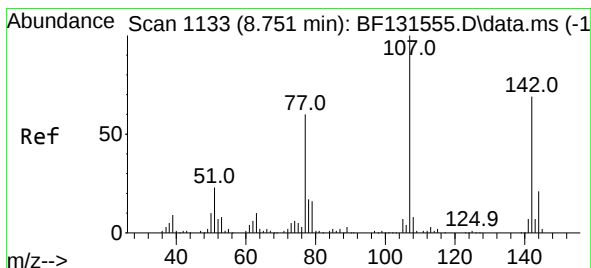
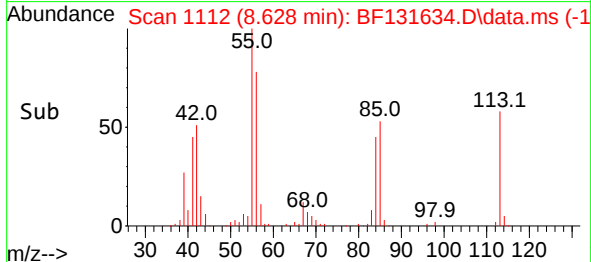
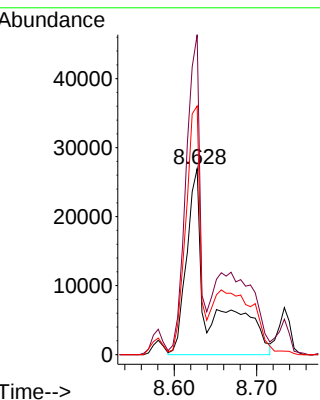
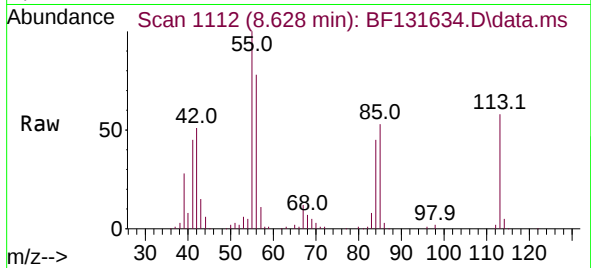
#35
Caprolactam
Concen: 47.714 ng m
RT: 8.628 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:113 Resp: 53890
Ion Ratio Lower Upper
113 100
55 172.1 155.8 195.8
56 133.7 131.7 171.7

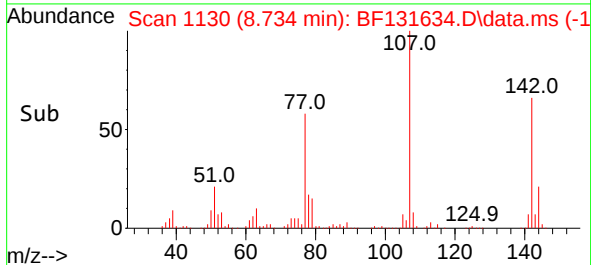
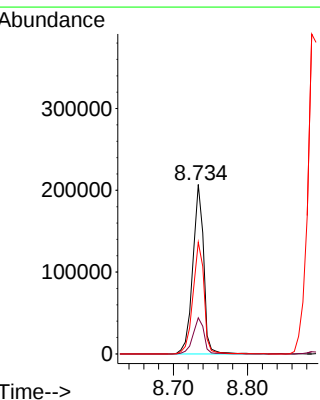
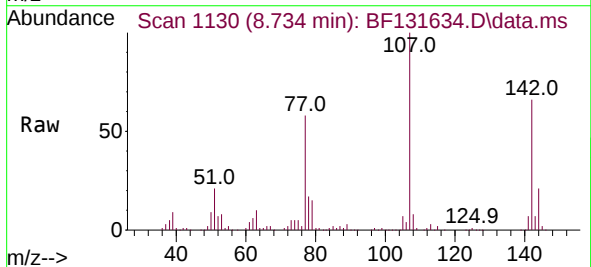
Manual Integrations
APPROVED

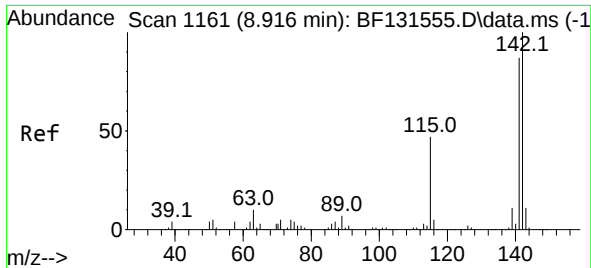
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#36
4-Chloro-3-methylphenol
Concen: 42.889 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:107 Resp: 210278
Ion Ratio Lower Upper
107 100
144 21.3 17.0 25.4
142 65.9 54.8 82.2





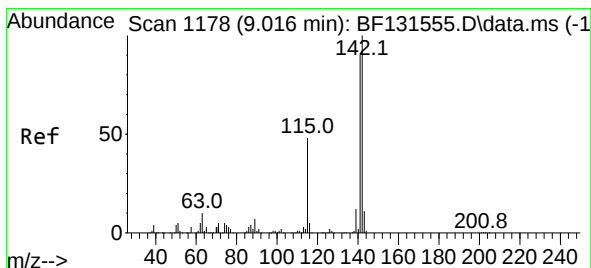
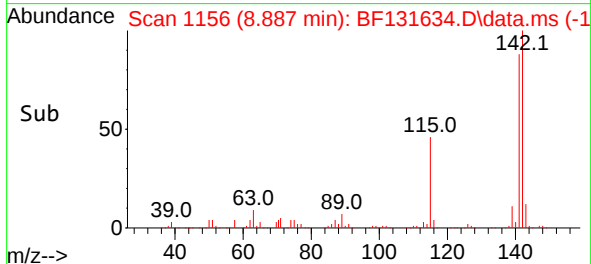
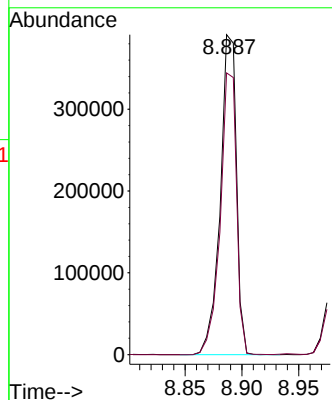
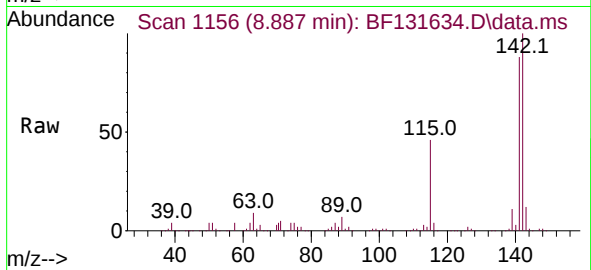
#37
2-Methylnaphthalene
Concen: 39.672 ng
RT: 8.887 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:142 Resp: 386974
Ion Ratio Lower Upper
142 100
141 88.0 69.7 104.5

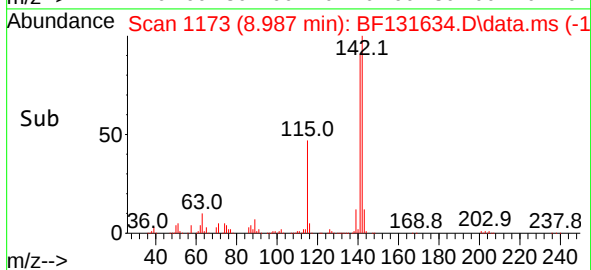
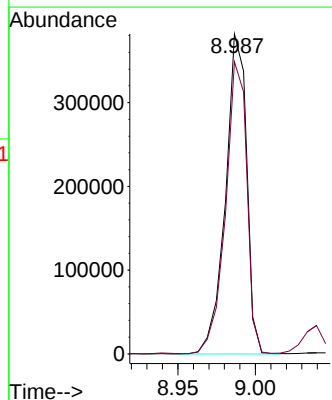
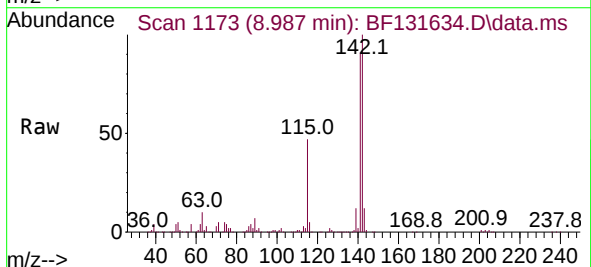
Manual Integrations
APPROVED

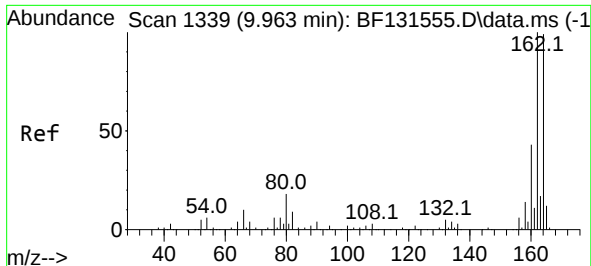
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#38
1-Methylnaphthalene
Concen: 38.913 ng
RT: 8.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:142 Resp: 364378
Ion Ratio Lower Upper
142 100
141 91.3 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: BF131634.D

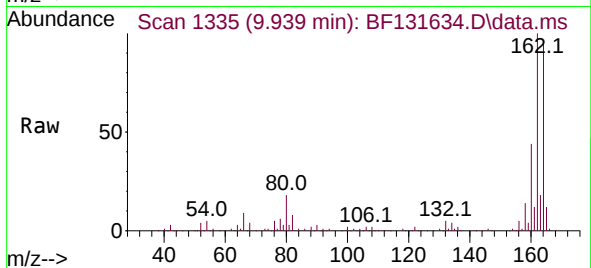
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS



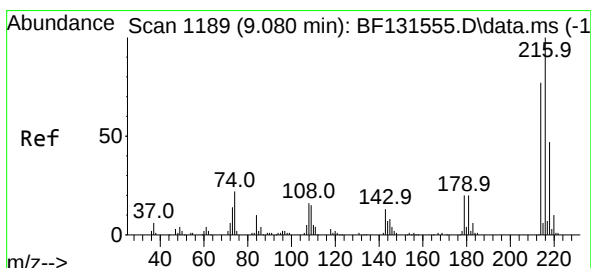
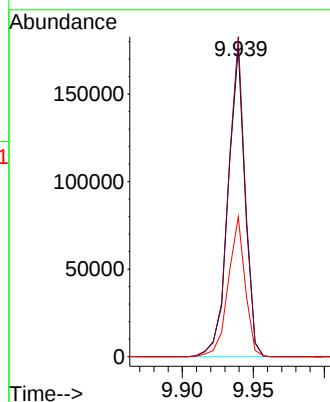
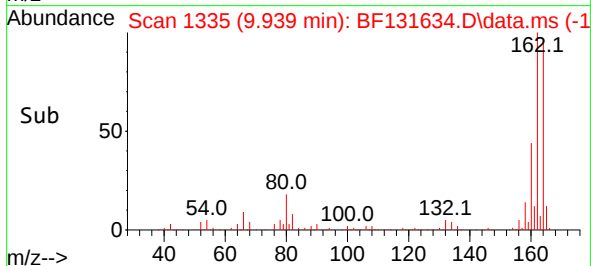
Tgt Ion:164 Resp: 146314

Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.0	121.6
160	45.3	35.0	52.6

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

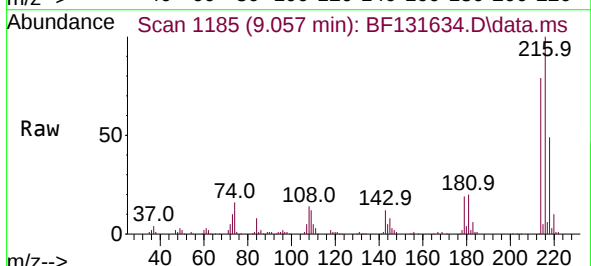
Concen: 41.387 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

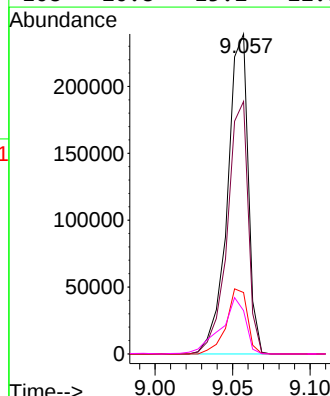
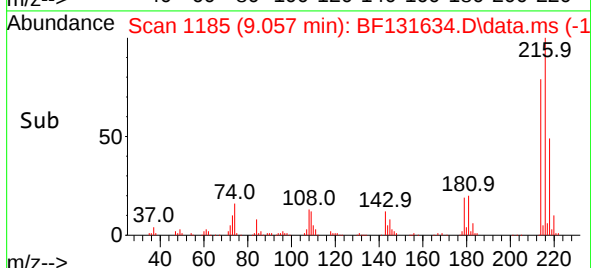
Lab File: BF131634.D

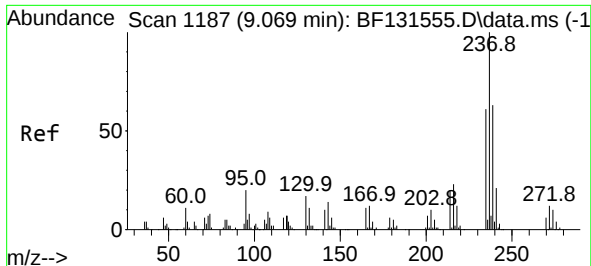
Acq: 14 Dec 2022 16:53



Tgt Ion:216 Resp: 224164

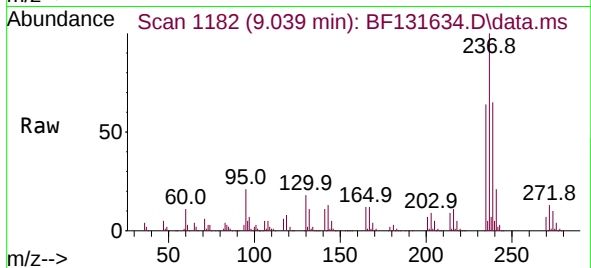
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.1	93.1
179	20.5	16.0	24.0
108	20.8	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 96.329 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

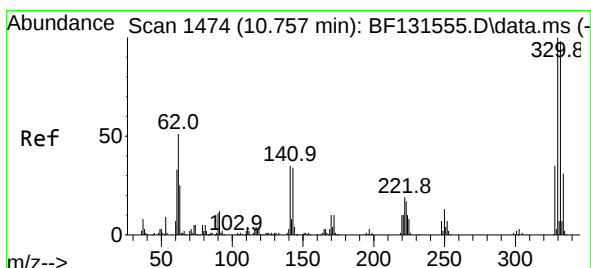
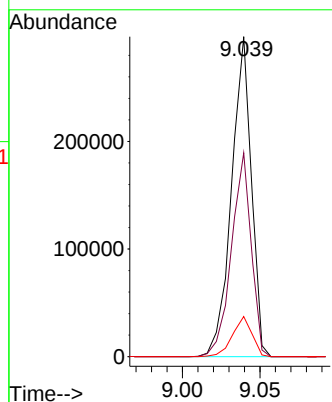
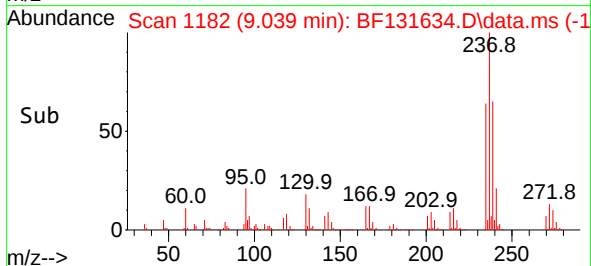
Instrument :
BNA_F
ClientSampleId :
PB149640BS



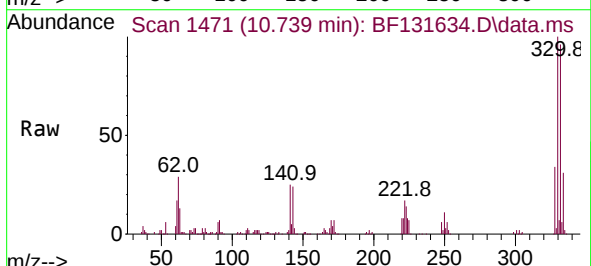
Tgt Ion:237 Resp: 264821
Ion Ratio Lower Upper
237 100
235 63.7 40.6 80.6
272 12.5 0.0 32.2

Manual Integrations
APPROVED

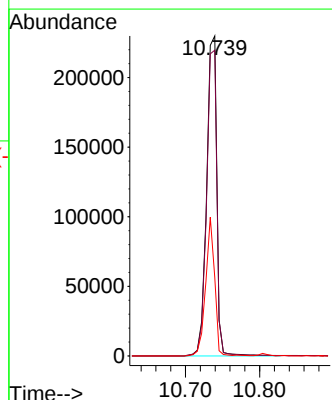
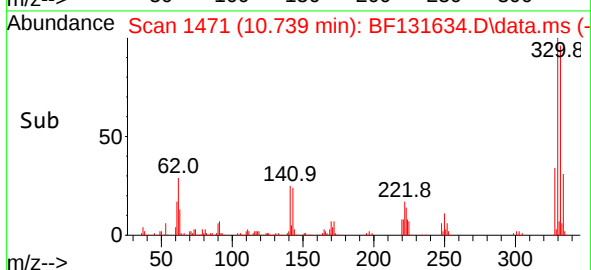
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

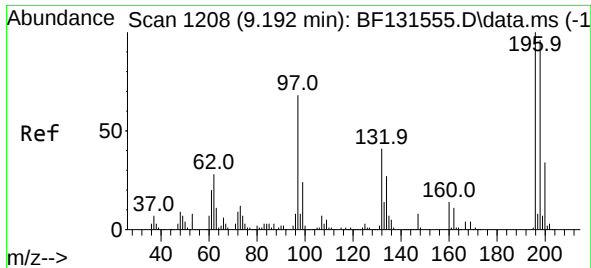


#42
2,4,6-Tribromophenol
Concen: 134.333 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:330 Resp: 218371
Ion Ratio Lower Upper
330 100
332 96.5 78.3 117.5
141 38.4 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 41.729 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

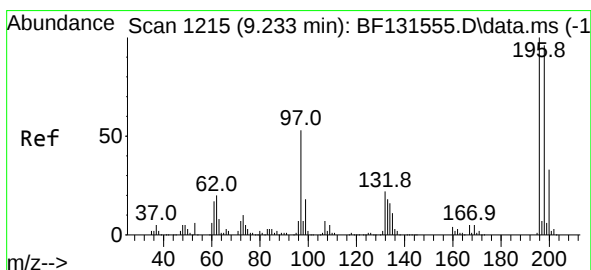
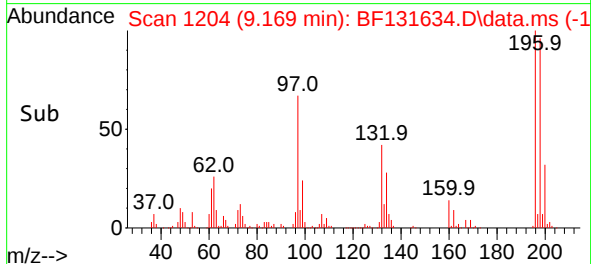
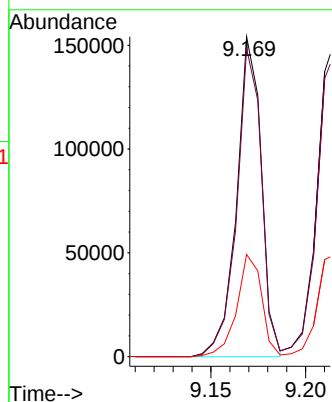
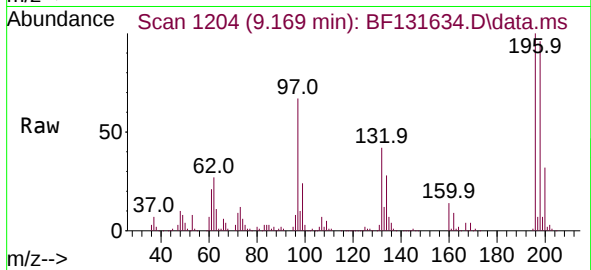
PB149640BS

Tgt Ion:196 Resp: 139797
Ion Ratio Lower Upper
196 100
198 96.3 76.9 115.3
200 31.9 26.9 40.3

Manual Integrations

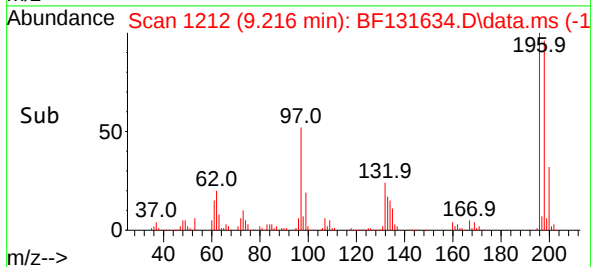
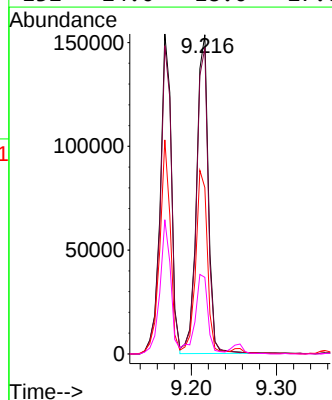
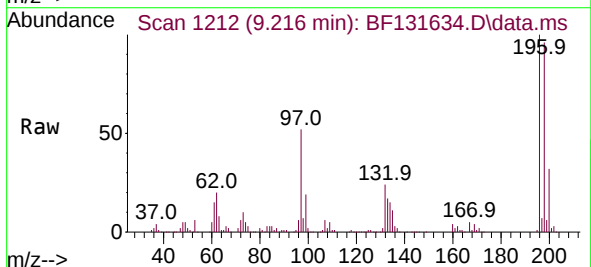
APPROVED

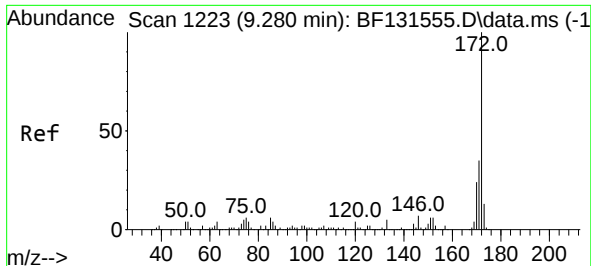
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#44
2,4,5-Trichlorophenol
Concen: 40.950 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:196 Resp: 147535
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 52.1 42.2 63.2
132 24.0 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 77.855 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

Tgt Ion:172 Resp: 90344

Ion Ratio Lower Upper

172 100

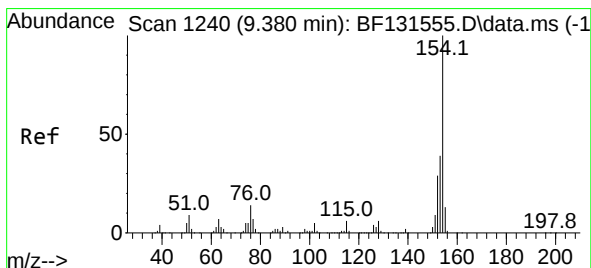
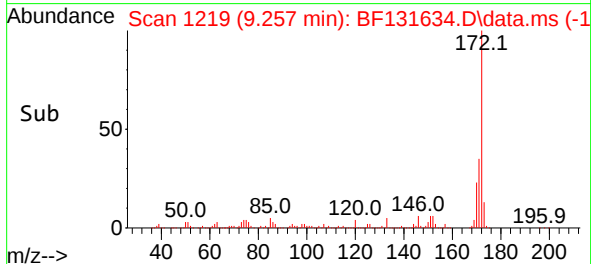
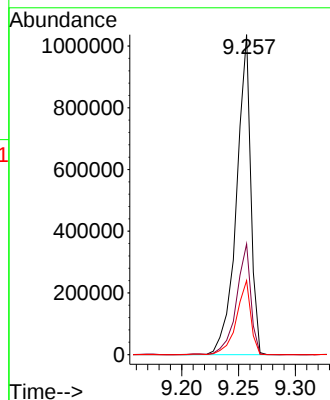
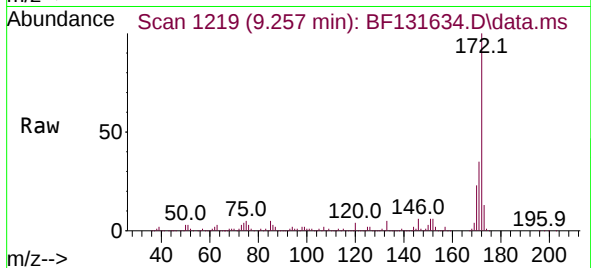
171 34.6 28.3 42.5

170 23.1 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: 41.796 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

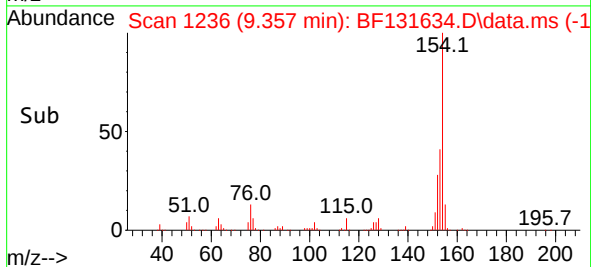
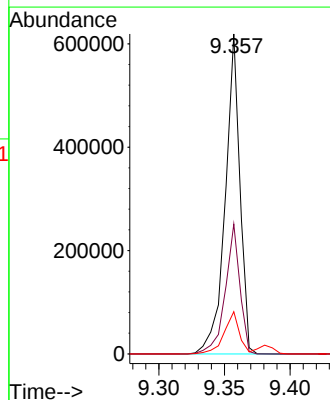
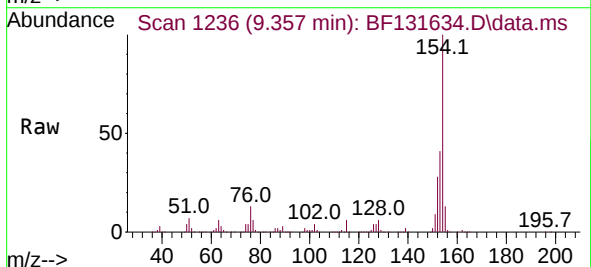
Tgt Ion:154 Resp: 483516

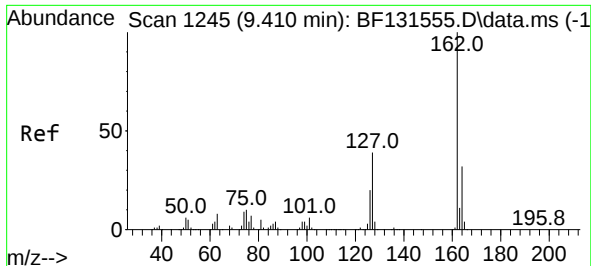
Ion Ratio Lower Upper

154 100

153 40.6 19.4 59.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.768 ng

RT: 9.381 min Scan# 1240

Delta R.T. -0.006 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

Tgt Ion:162 Resp: 393674

Ion Ratio Lower Upper

162 100

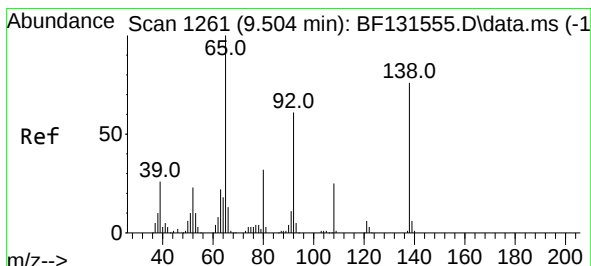
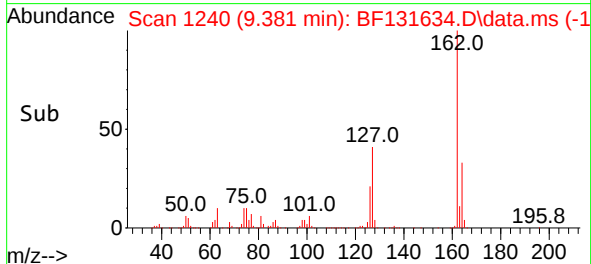
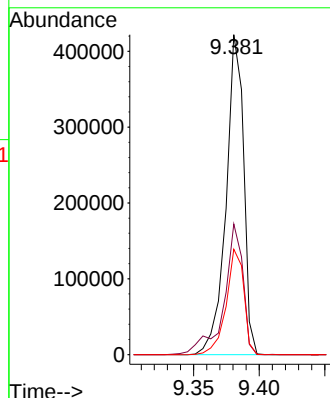
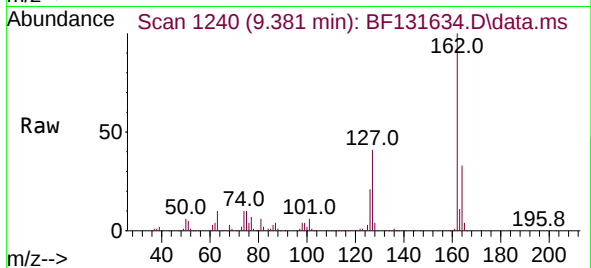
127 40.8 31.4 47.2

164 32.9 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: 42.077 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

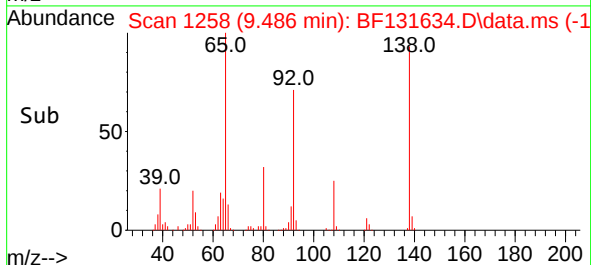
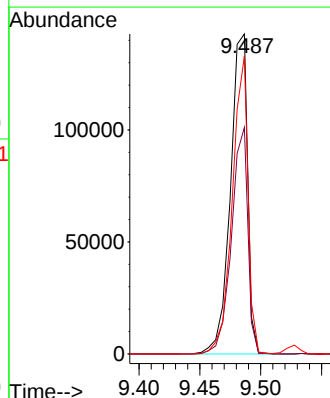
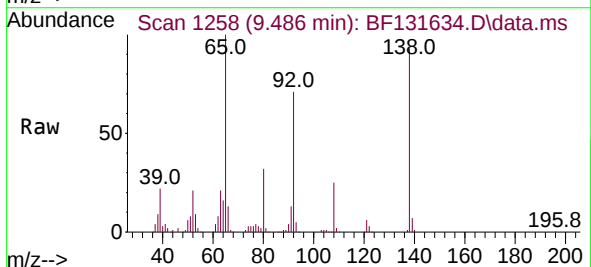
Tgt Ion: 65 Resp: 140487

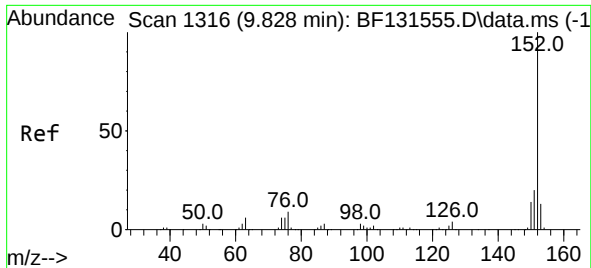
Ion Ratio Lower Upper

65 100

92 70.7 49.2 73.8

138 93.0 60.7 91.1#





#49
Acenaphthylene
Concen: 42.592 ng
RT: 9.804 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

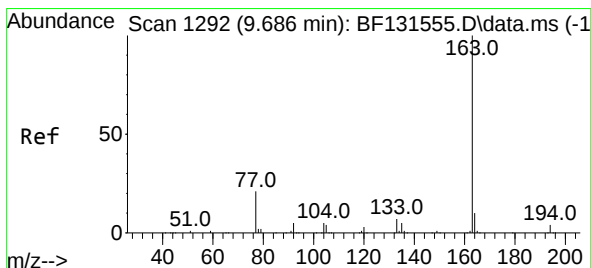
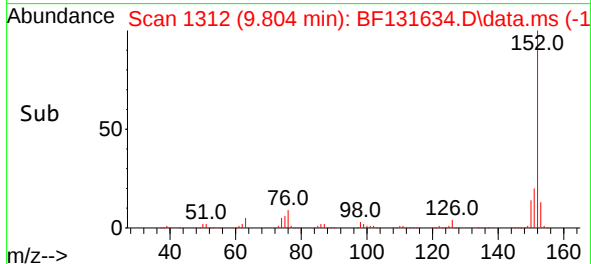
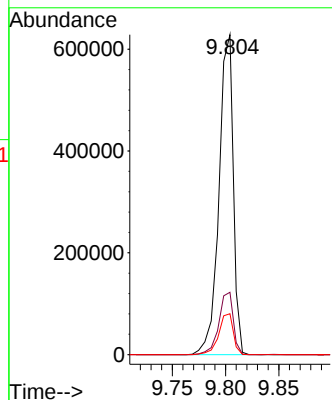
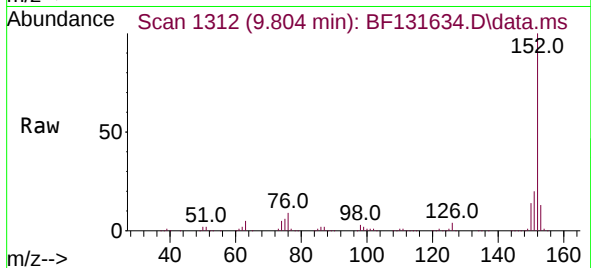
PB149640BS

Tgt Ion:152 Resp: 589431
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 12.8 10.4 15.6

Manual Integrations

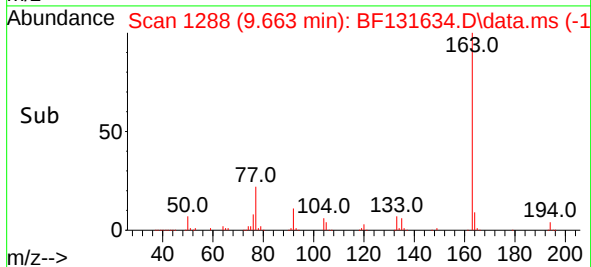
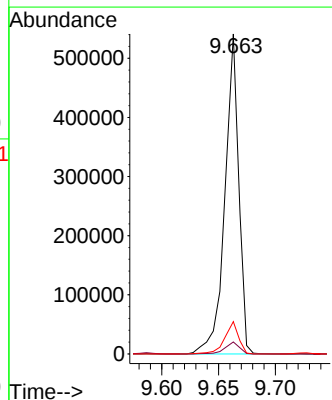
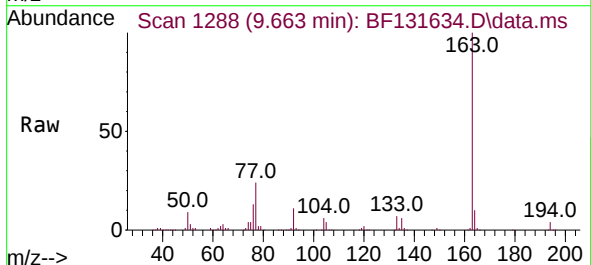
APPROVED

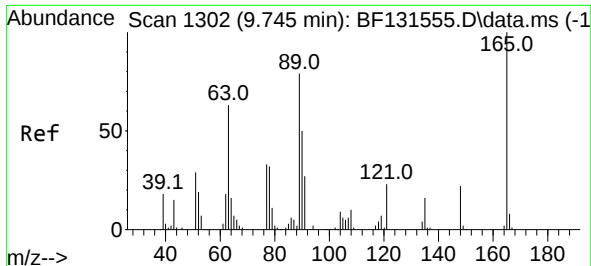
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#50
Dimethylphthalate
Concen: 41.056 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:163 Resp: 457927
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.8 11.6





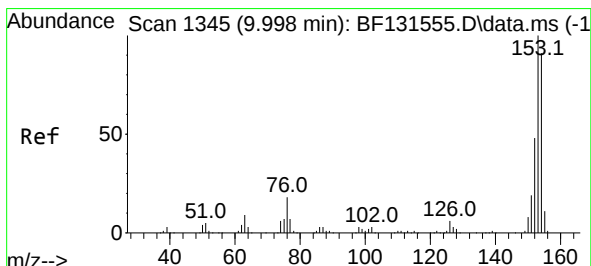
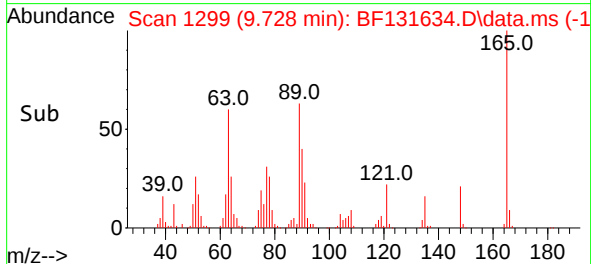
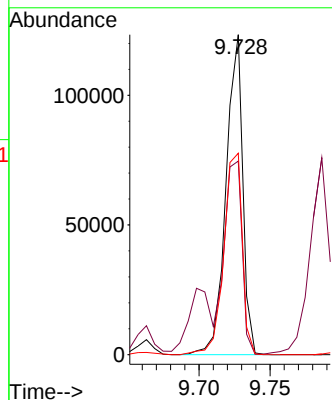
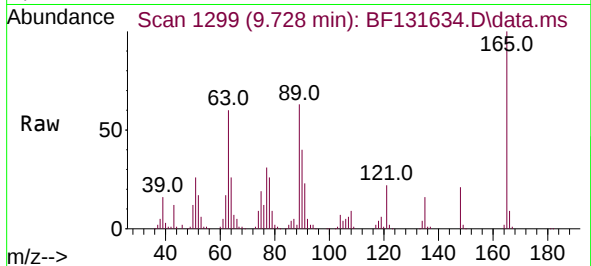
#51
2,6-Dinitrotoluene
Concen: 43.951 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:165 Resp: 101204
Ion Ratio Lower Upper
165 100
63 60.5 67.9 101.9
89 62.9 63.2 94.8

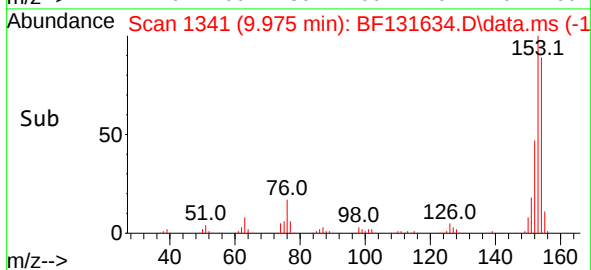
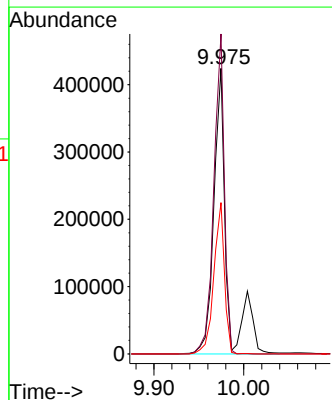
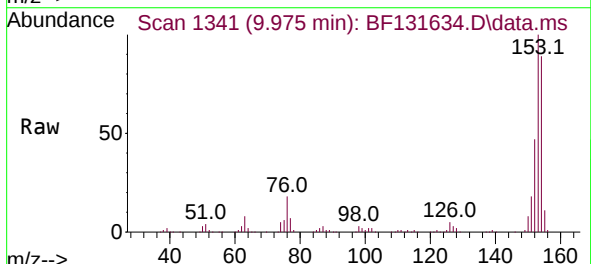
Manual Integrations
APPROVED

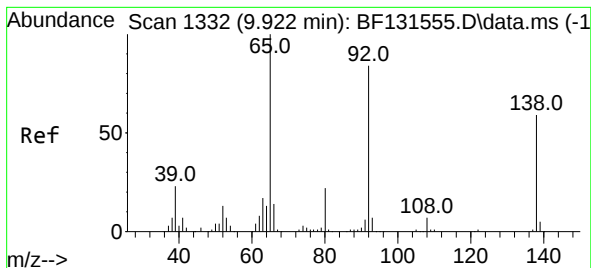
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#52
Acenaphthene
Concen: 45.857 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:154 Resp: 425137
Ion Ratio Lower Upper
154 100
153 112.1 87.9 131.9
152 53.0 42.4 63.6





#53

3-Nitroaniline

Concen: 23.364 ng

RT: 9.898 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

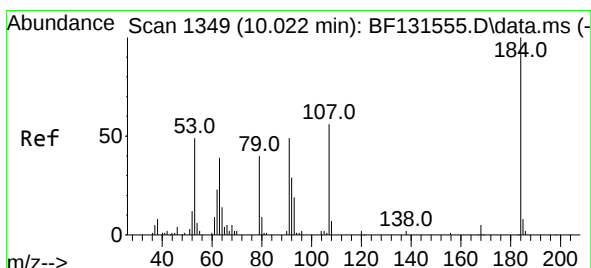
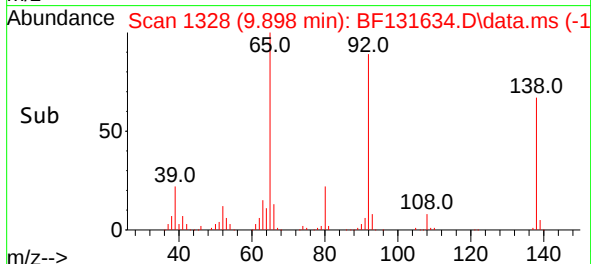
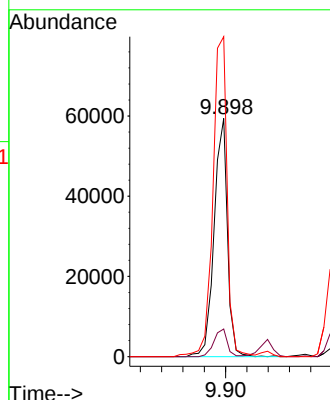
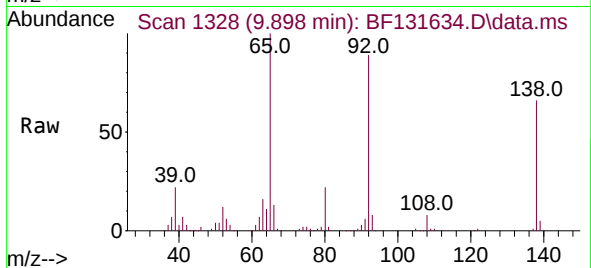
PB149640BS

Tgt Ion:	138	Resp:	5161
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.6	14.4
92	134.4	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: 83.004 ng

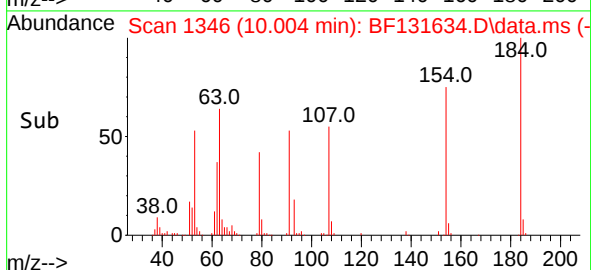
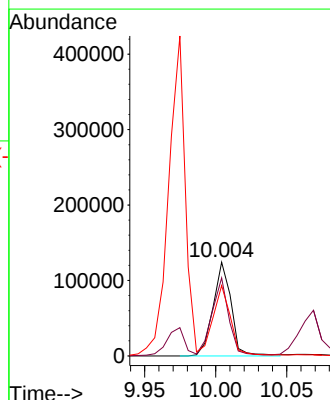
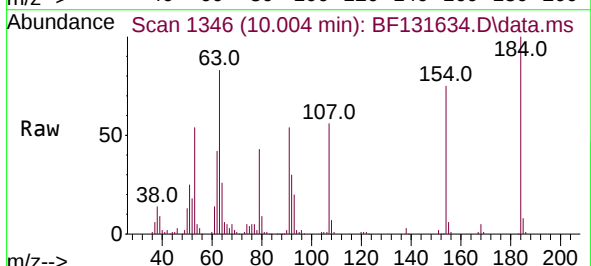
RT: 10.004 min Scan# 1346

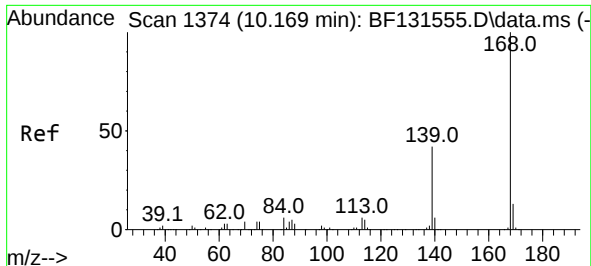
Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Tgt Ion:	184	Resp:	109625
Ion Ratio	Lower	Upper	
184	100		
63	83.4	60.7	91.1
154	75.0	59.0	88.6





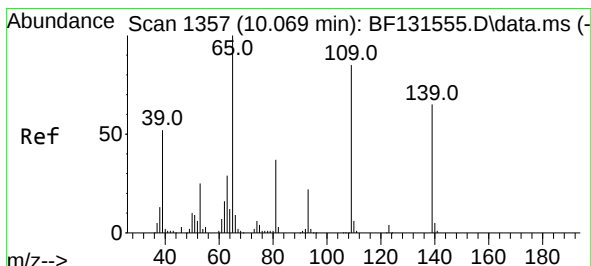
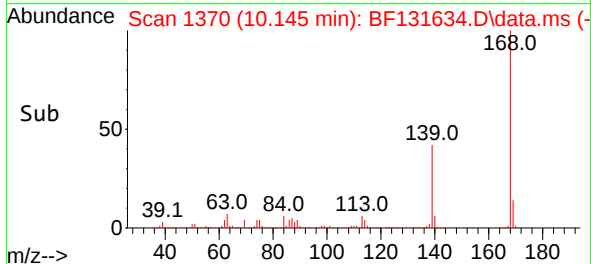
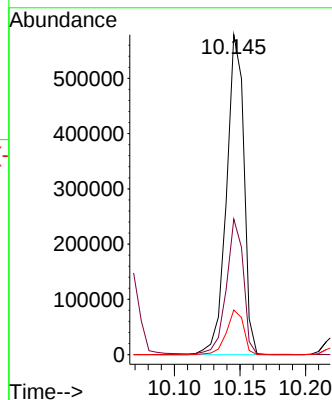
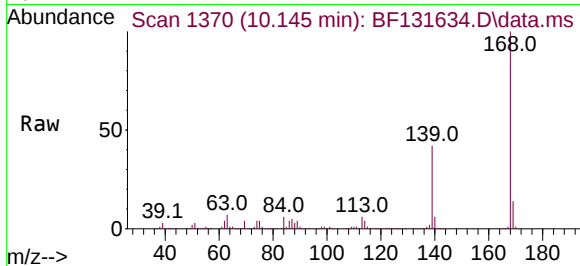
#55
Dibenzenofuran
Concen: 40.893 ng
RT: 10.145 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:168 Resp: 535668
Ion Ratio Lower Upper
168 100
139 42.4 33.9 50.9
169 14.0 10.7 16.1

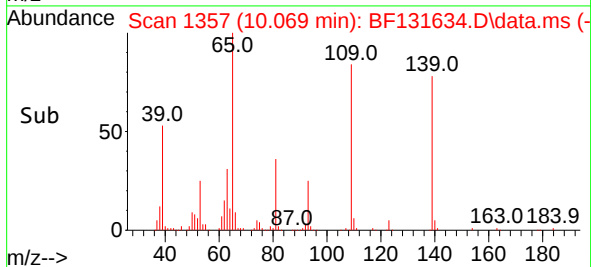
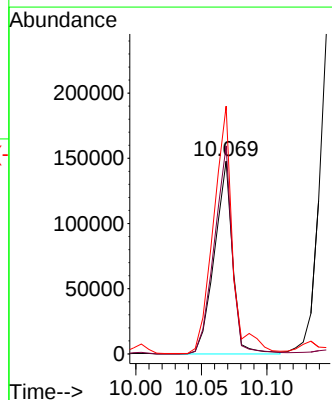
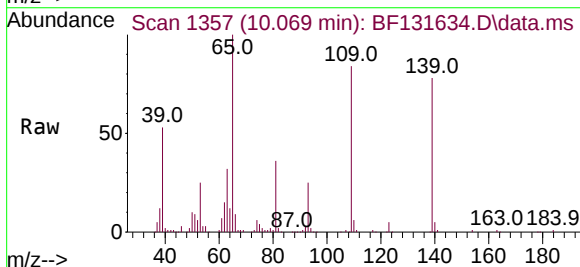
Manual Integrations
APPROVED

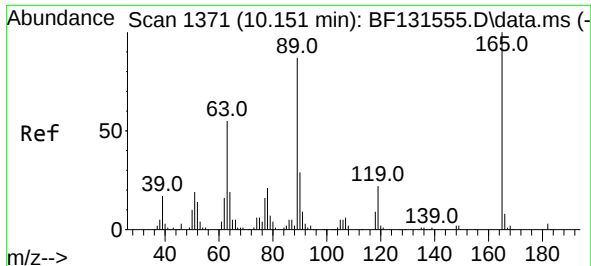
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#56
4-Nitrophenol
Concen: 92.925 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:139 Resp: 142619
Ion Ratio Lower Upper
139 100
109 107.9 110.2 150.2#
65 128.6 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 44.379 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

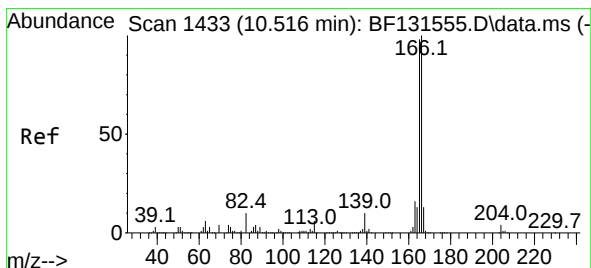
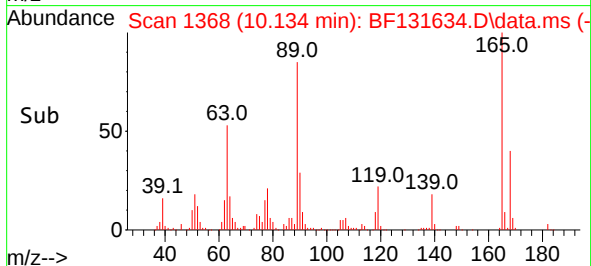
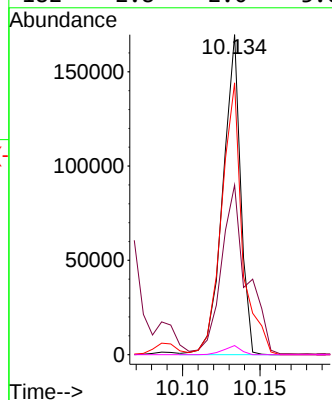
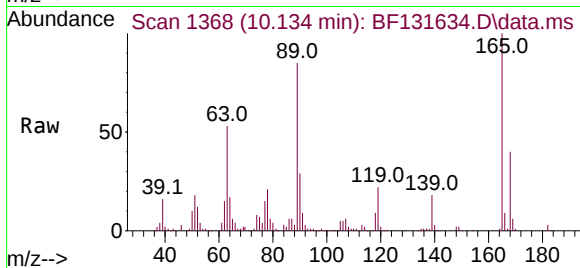
PB149640BS

Tgt Ion:165 Resp: 135558
Ion Ratio Lower Upper
165 100
63 53.0 44.4 66.6
89 84.9 69.6 104.4
182 2.8 2.0 3.0

Manual Integrations

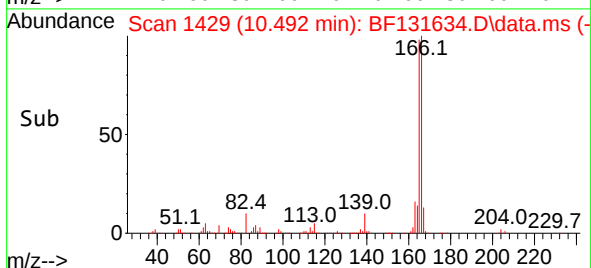
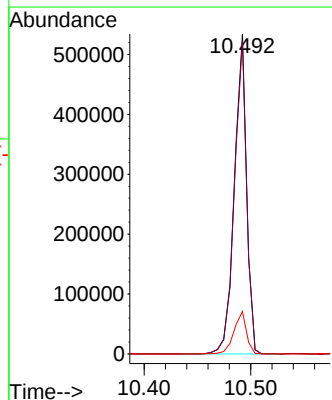
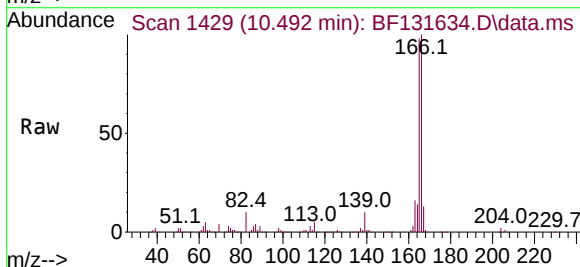
APPROVED

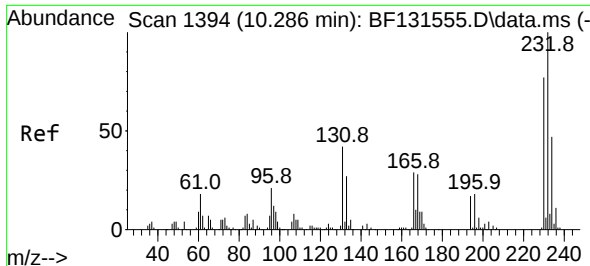
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#58
Fluorene
Concen: 40.029 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

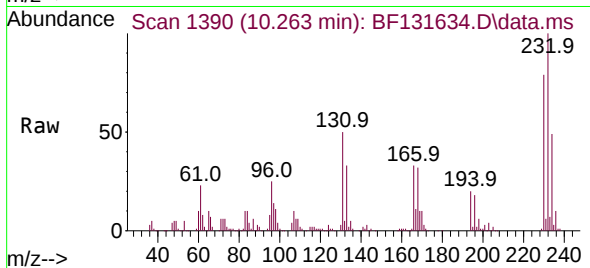
Tgt Ion:166 Resp: 426277
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.347 ng m
RT: 10.263 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

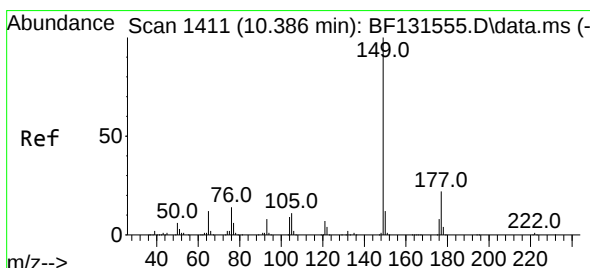
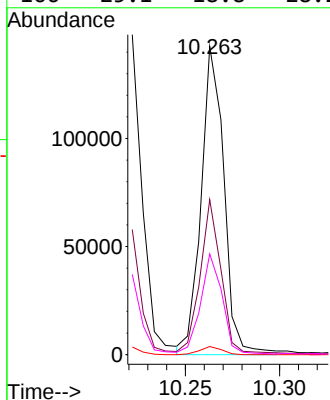
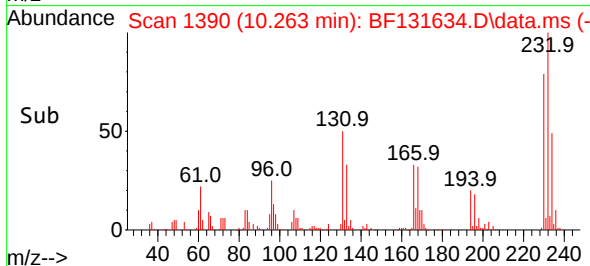
Instrument :
BNA_F
ClientSampleId :
PB149640BS



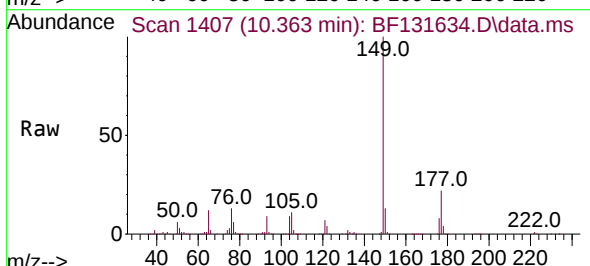
Tgt Ion:232 Resp: 120044
Ion Ratio Lower Upper
232 100
131 40.7 31.0 46.6
130 2.3 1.8 2.8
166 25.1 18.8 28.2

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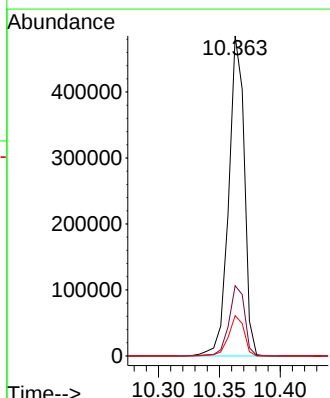
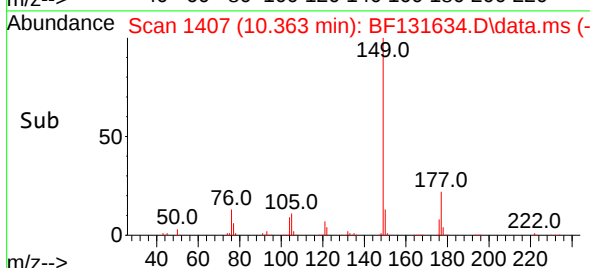
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

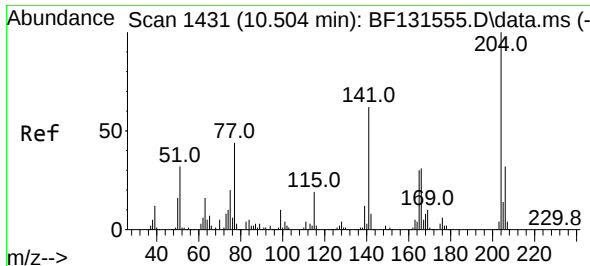


#60
Diethylphthalate
Concen: 40.402 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



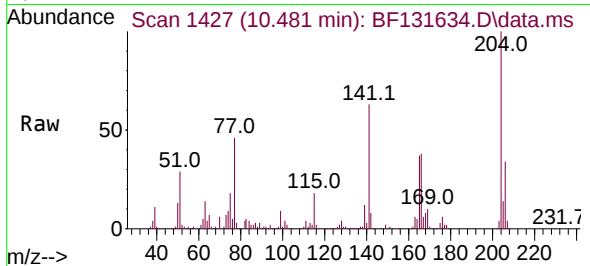
Tgt Ion:149 Resp: 432441
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.2
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 39.341 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

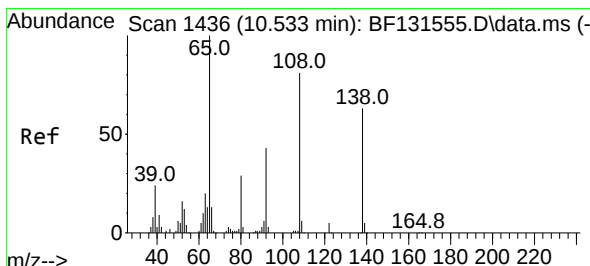
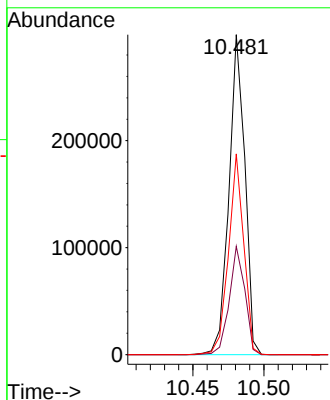
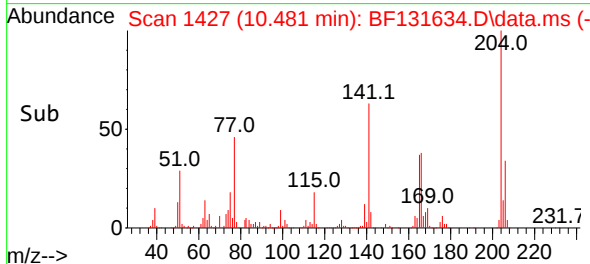
Instrument :
BNA_F
ClientSampleId :
PB149640BS



Tgt Ion:204 Resp: 23152
Ion Ratio Lower Upper
204 100
206 33.8 25.4 38.2
141 62.7 49.5 74.3

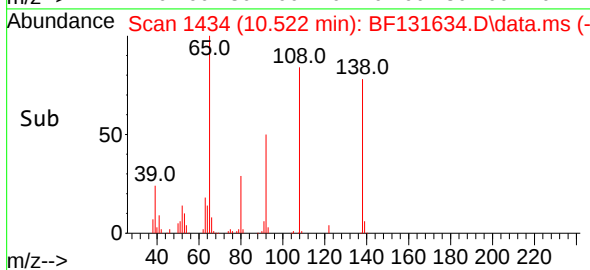
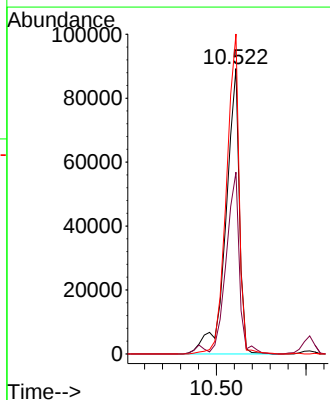
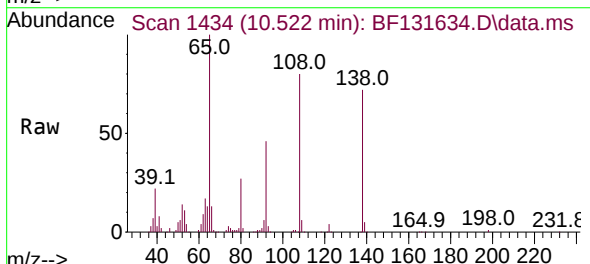
Manual Integrations
APPROVED

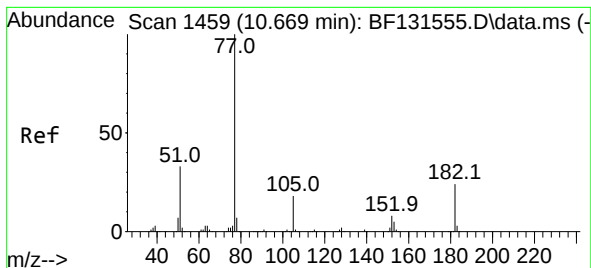
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#62
4-Nitroaniline
Concen: 42.590 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:138 Resp: 93242
Ion Ratio Lower Upper
138 100
92 63.7 47.5 87.5
108 112.1 108.8 148.8





#63

Azobenzene

Concen: 38.881 ng

RT: 10.645 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF131634.D

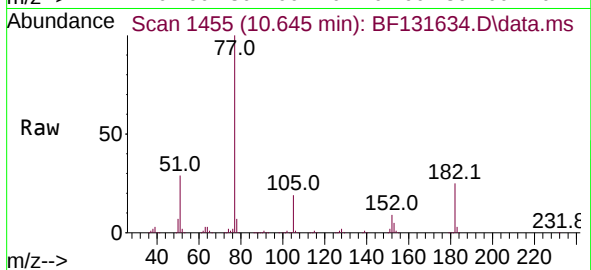
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS



Tgt Ion: 77 Resp: 474659

Ion Ratio Lower Upper

77 100

182 25.0 3.9 43.9

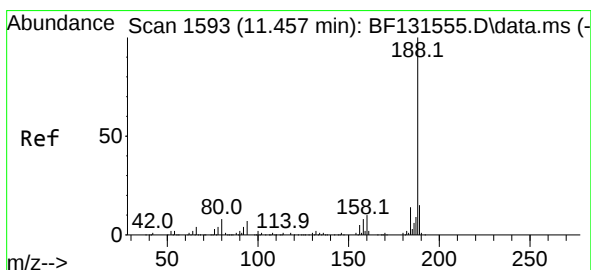
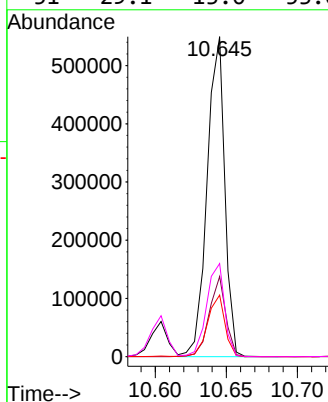
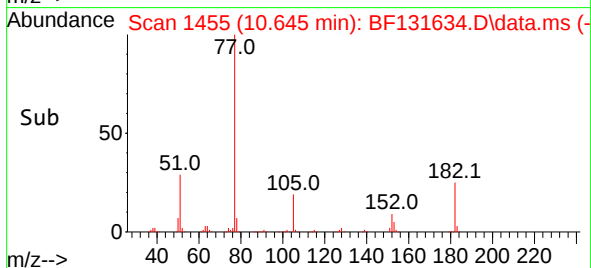
105 19.2 0.0 38.3

51 29.1 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: BF131634.D

Acq: 14 Dec 2022 16:53

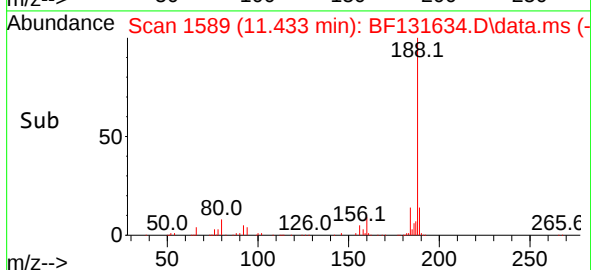
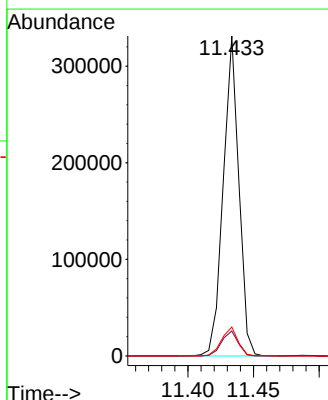
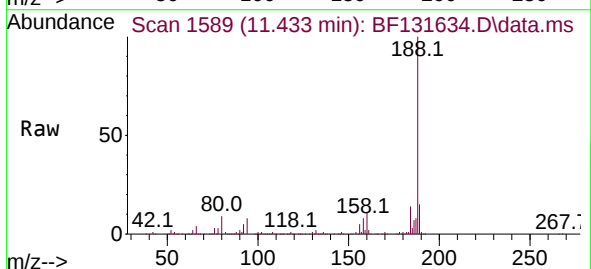
Tgt Ion:188 Resp: 274985

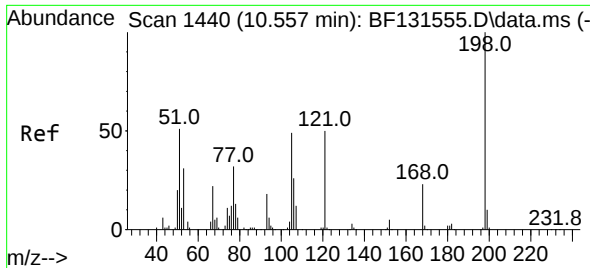
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 9.0 6.6 10.0





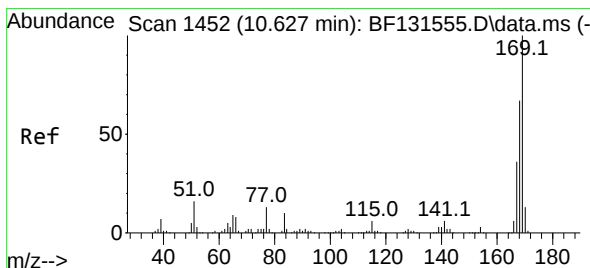
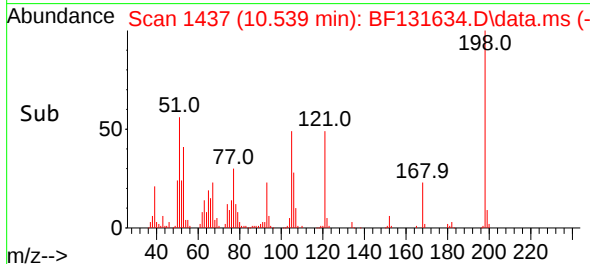
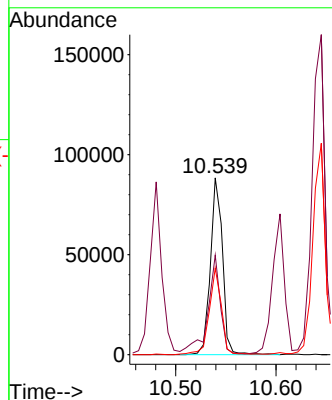
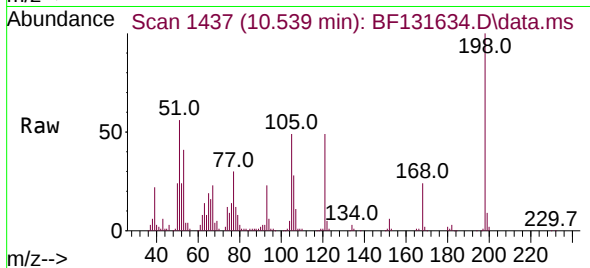
#65
4,6-Dinitro-2-methylphenol
Concen: 42.214 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:198 Resp: 73524
Ion Ratio Lower Upper
198 100
51 56.3 36.7 76.7
105 48.9 29.9 69.9

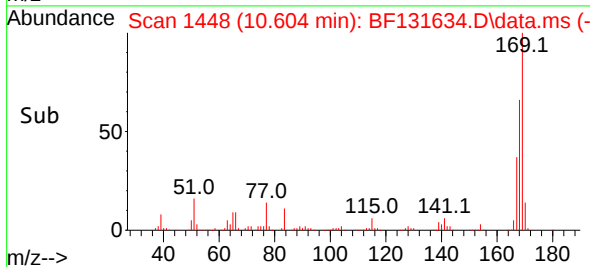
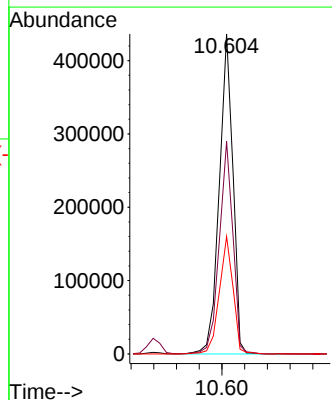
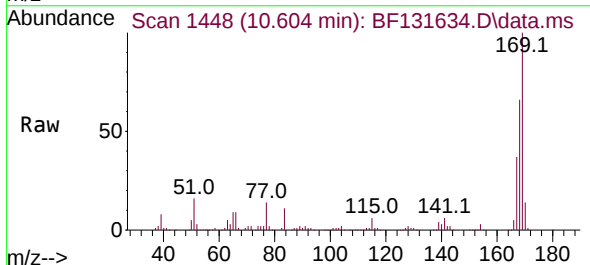
Manual Integrations
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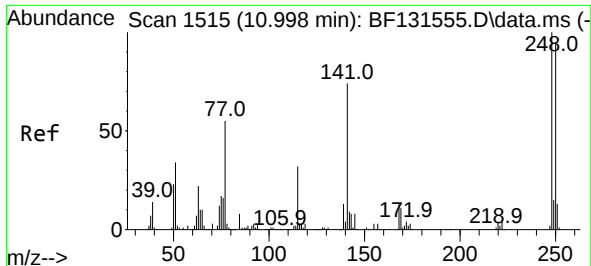
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#66
n-Nitrosodiphenylamine
Concen: 40.787 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

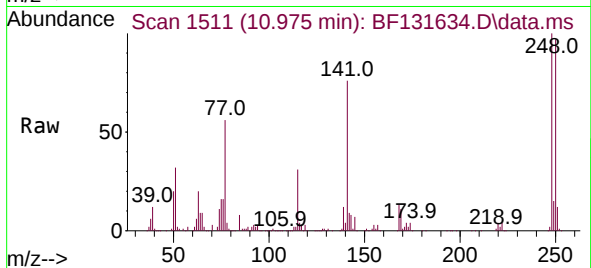
Tgt Ion:169 Resp: 362594
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.7 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 38.994 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

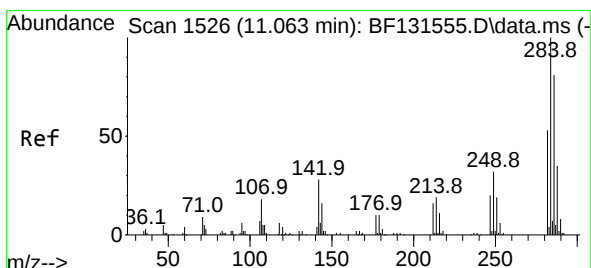
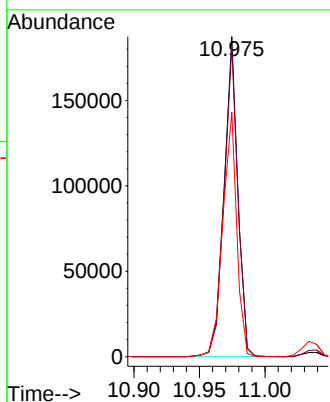
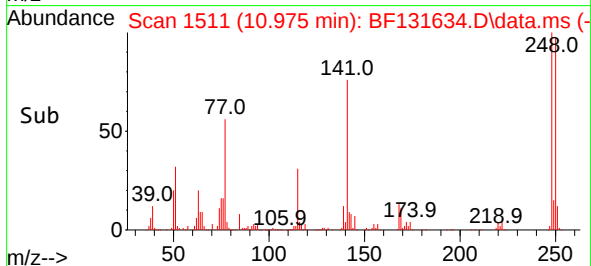
Instrument :
BNA_F
ClientSampleId :
PB149640BS



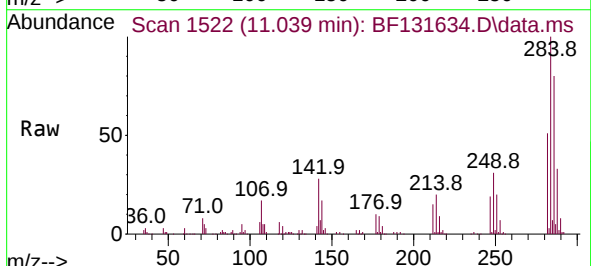
Tgt Ion:248 Resp: 137940
Ion Ratio Lower Upper
248 100
250 97.0 76.2 114.2
141 76.4 59.5 89.3

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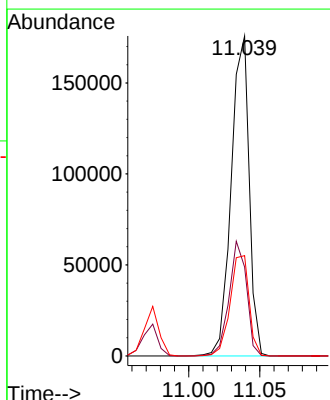
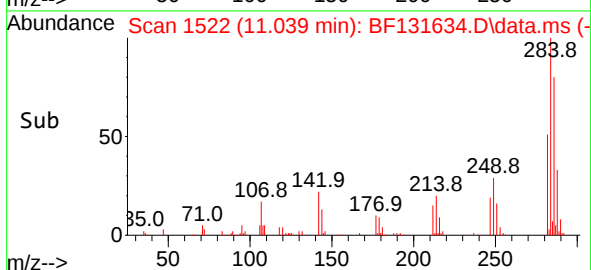
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

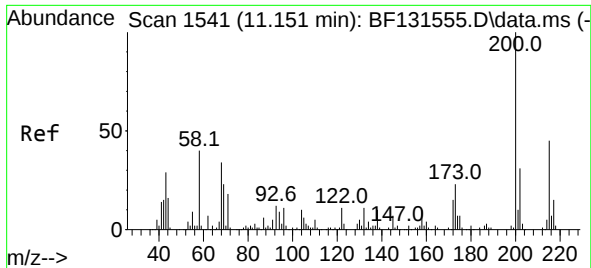


#68
Hexachlorobenzene
Concen: 40.332 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:284 Resp: 154323
Ion Ratio Lower Upper
284 100
142 27.8 22.3 33.5
249 31.3 25.4 38.2





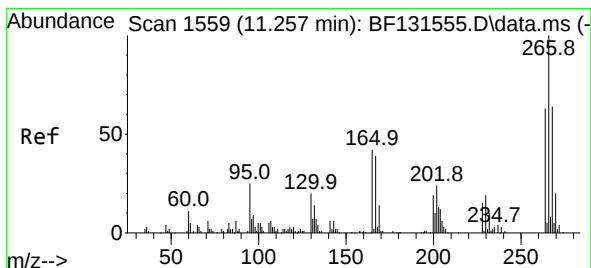
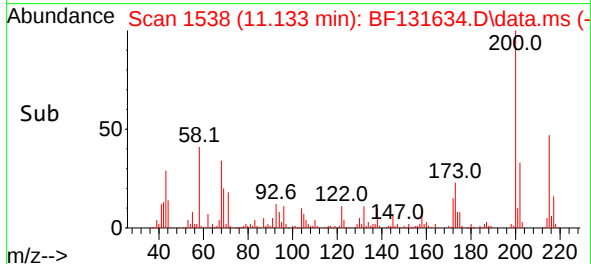
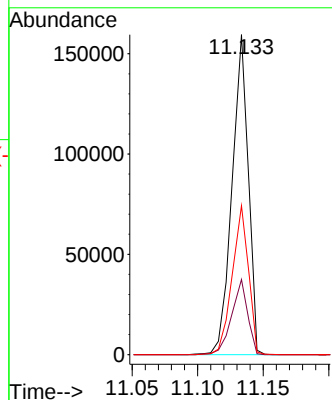
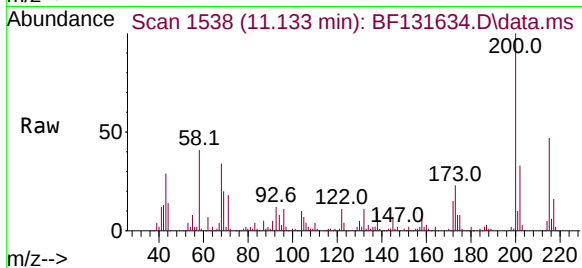
#69
Atrazine
Concen: 48.521 ng
RT: 11.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :
BNA_F
ClientSampleId :
PB149640BS

Tgt Ion:200 Resp: 136978
Ion Ratio Lower Upper
200 100
173 23.5 3.4 43.4
215 46.6 25.0 65.0

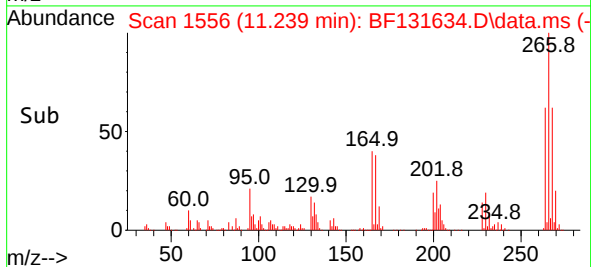
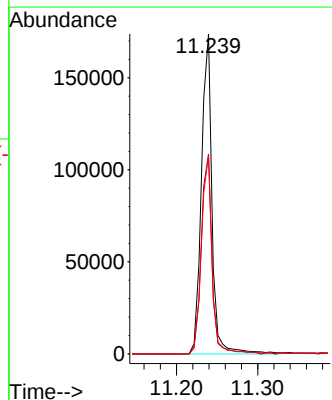
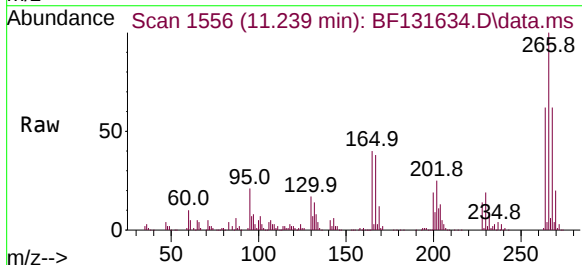
Manual Integrations
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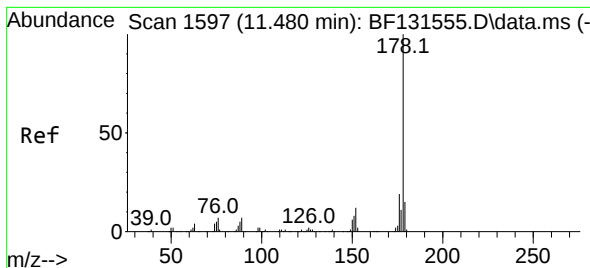
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#70
Pentachlorophenol
Concen: 79.841 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:266 Resp: 157275
Ion Ratio Lower Upper
266 100
268 62.4 51.5 77.3
264 62.1 50.7 76.1





#71

Phenanthrene

Concen: 41.048 ng

RT: 11.457 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

Tgt Ion:178 Resp: 629163

Ion Ratio Lower Upper

178 100

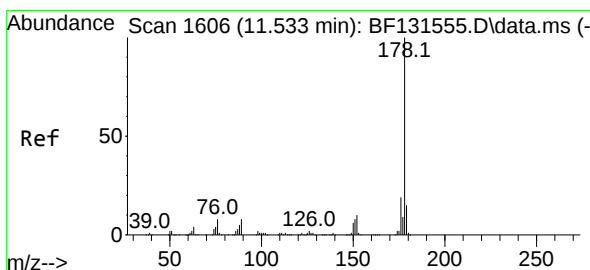
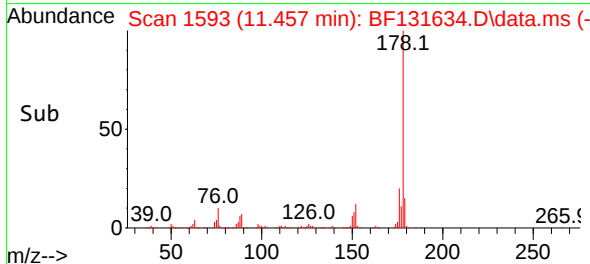
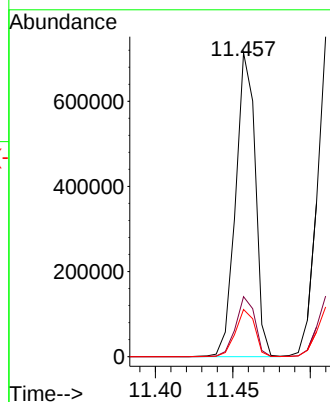
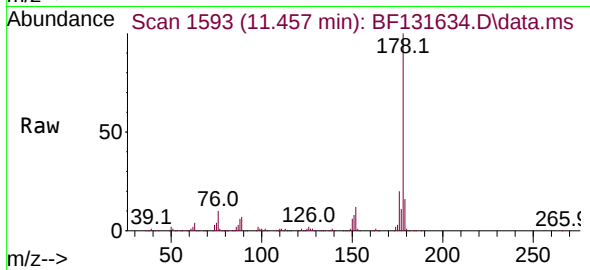
176 19.7 15.4 23.0

179 15.5 12.2 18.4

Manual Integrations

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



#72

Anthracene

Concen: 42.787 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

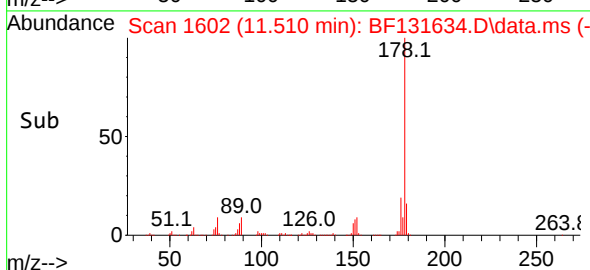
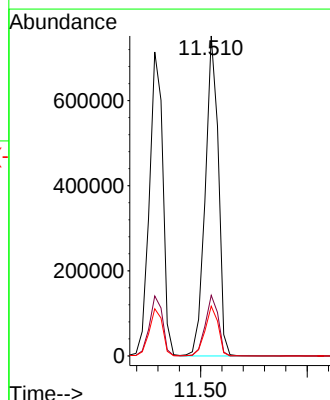
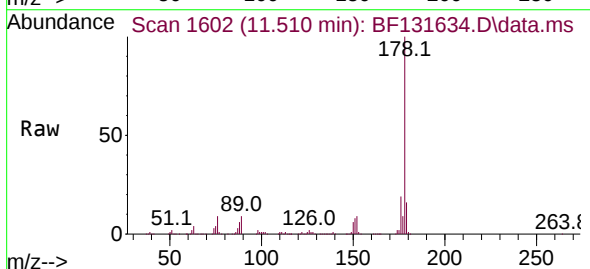
Tgt Ion:178 Resp: 638044

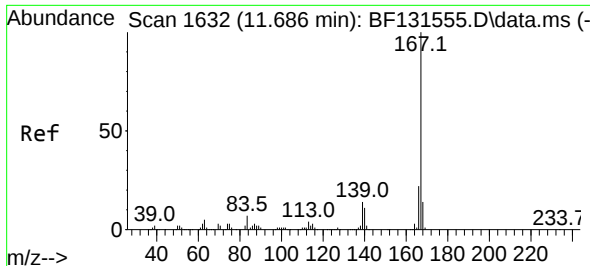
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

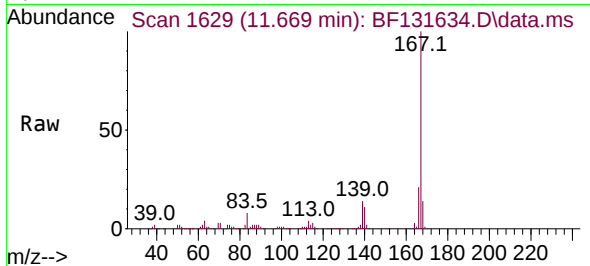
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 44.180 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF131634.D
 Acq: 14 Dec 2022 16:53

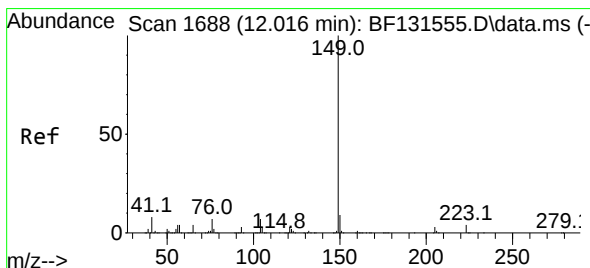
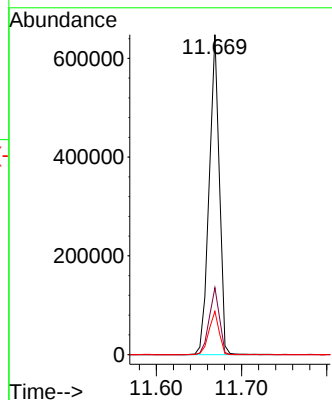
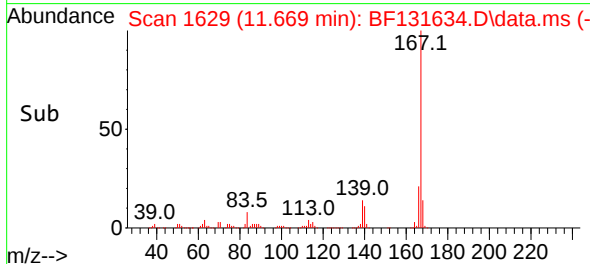
Instrument :
 BNA_F
 ClientSampleId :
 PB149640BS



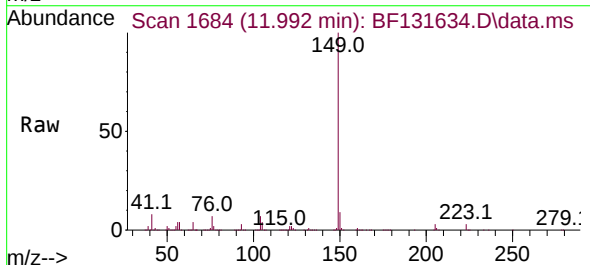
Tgt Ion:167 Resp: 537754
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 13.5 11.0 16.4

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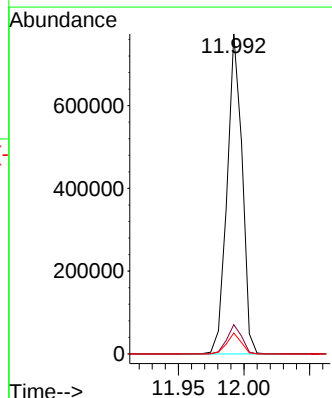
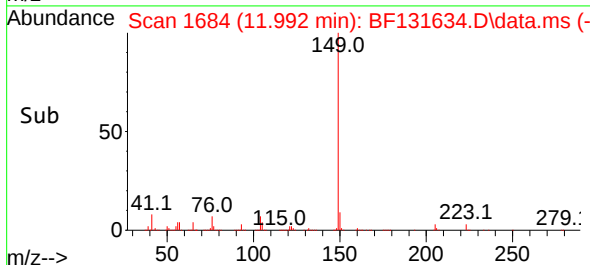
Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

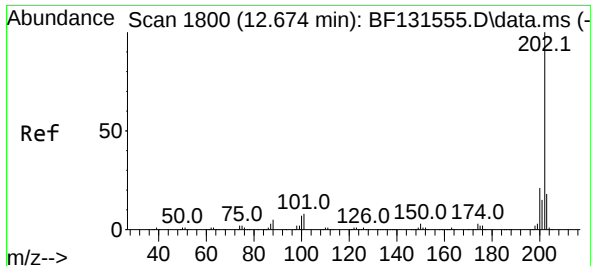


#74
 Di-n-butylphthalate
 Concen: 41.307 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF131634.D
 Acq: 14 Dec 2022 16:53



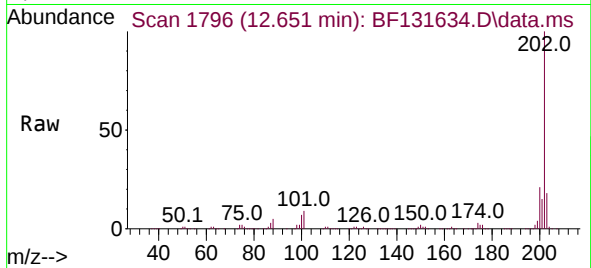
Tgt Ion:149 Resp: 616826
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.5 5.2 7.8





#75
Fluoranthene
Concen: 42.467 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

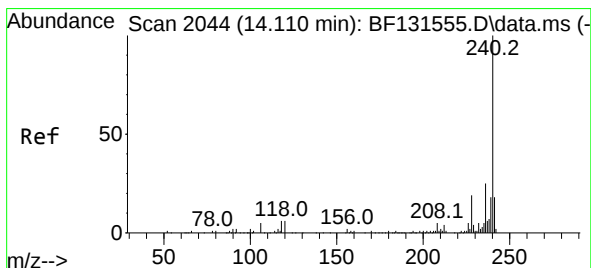
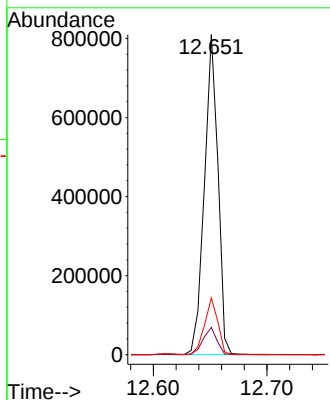
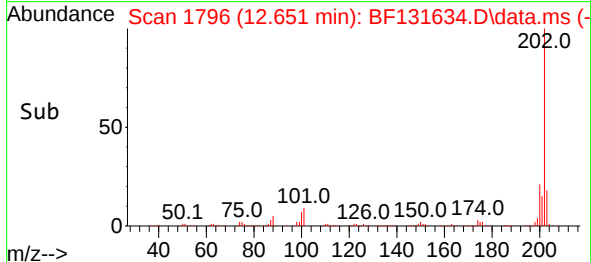
Instrument :
BNA_F
ClientSampleId :
PB149640BS



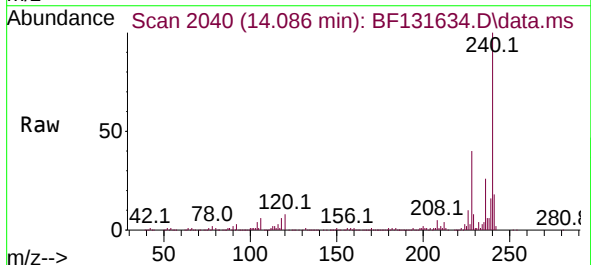
Tgt Ion:202 Resp: 670259
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.7
203 17.7 0.0 37.7

Manual Integrations
APPROVED

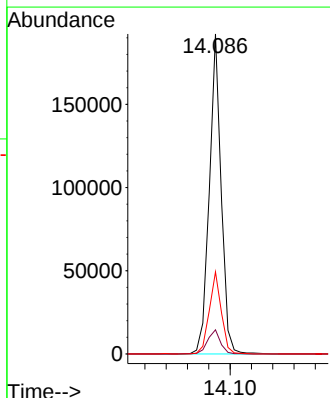
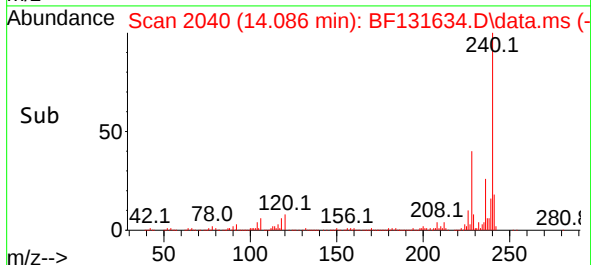
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

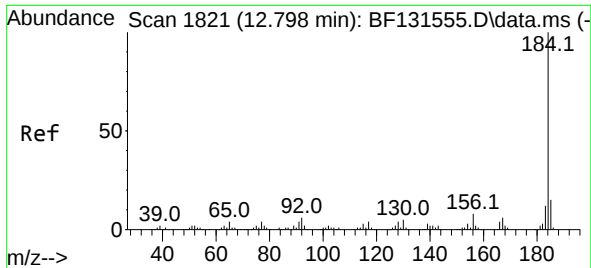


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



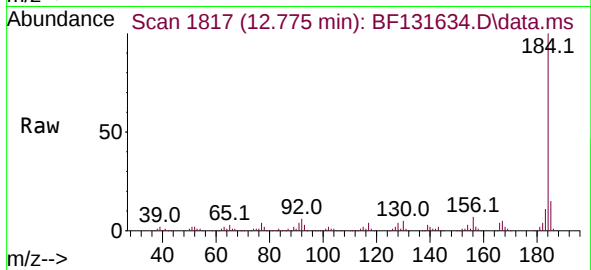
Tgt Ion:240 Resp: 147954
Ion Ratio Lower Upper
240 100
120 7.5 4.6 7.0#
236 25.6 20.2 30.2





#77
Benzidine
Concen: 44.191 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

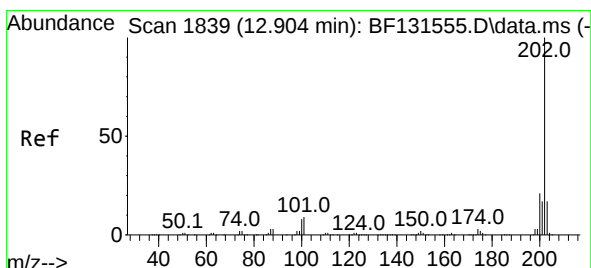
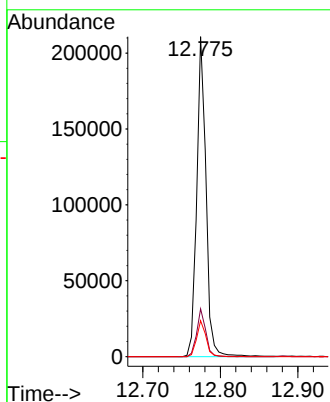
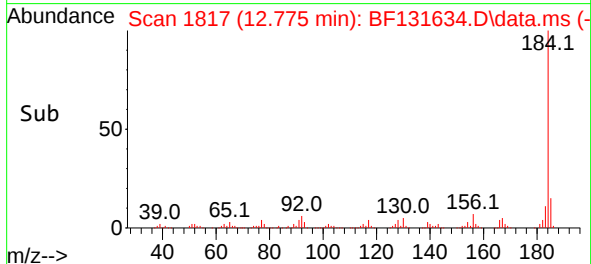
Instrument :
BNA_F
ClientSampleId :
PB149640BS



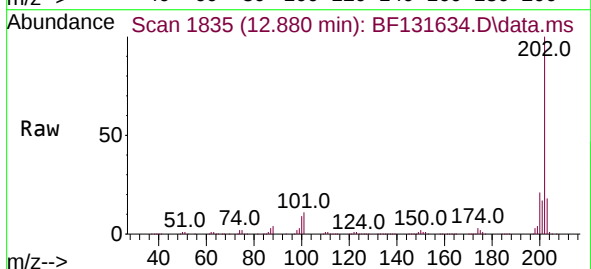
Tgt Ion:184 Resp: 175186
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.2 9.3 13.9

Manual Integrations
APPROVED

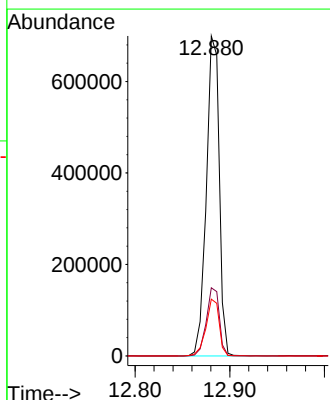
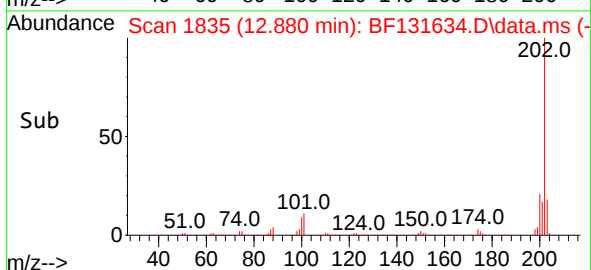
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

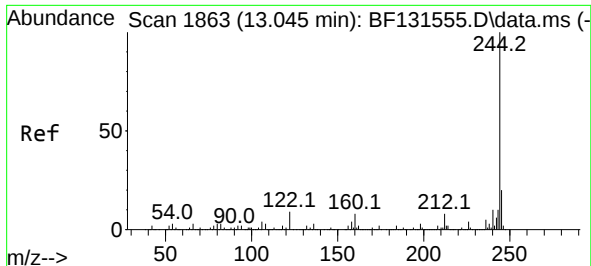


#78
Pyrene
Concen: 45.622 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



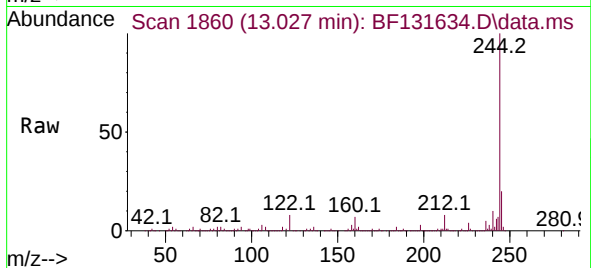
Tgt Ion:202 Resp: 665582
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 91.283 ng
RT: 13.027 min Scan# 1863
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

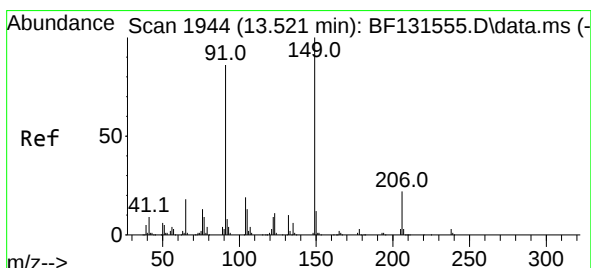
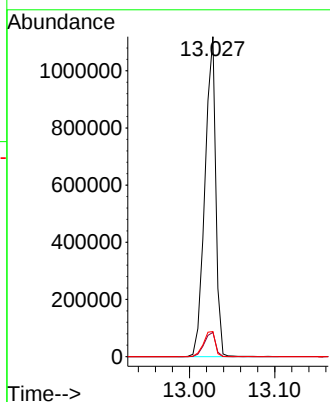
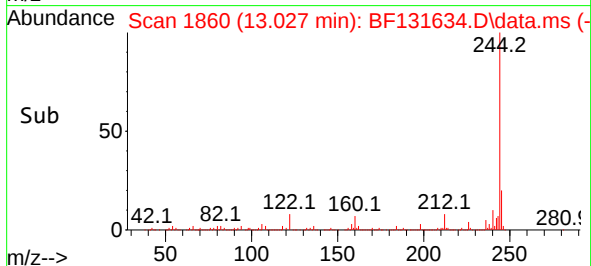
Instrument :
BNA_F
ClientSampleId :
PB149640BS



Tgt Ion:244 Resp: 984811
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 7.9 7.1 10.7

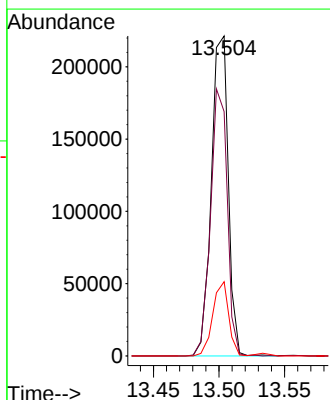
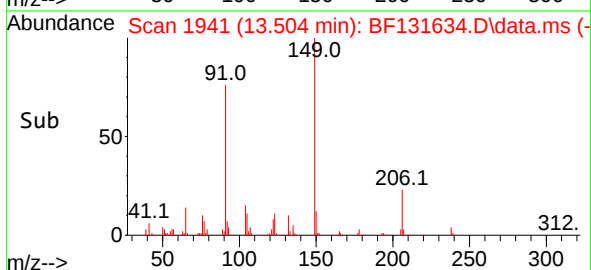
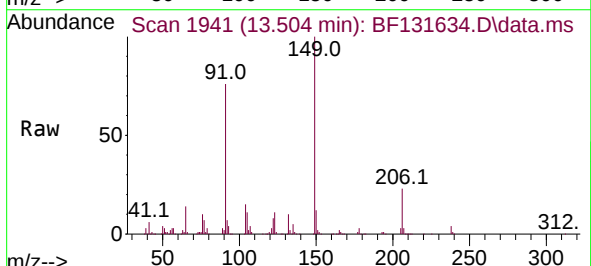
Manual Integrations
APPROVED

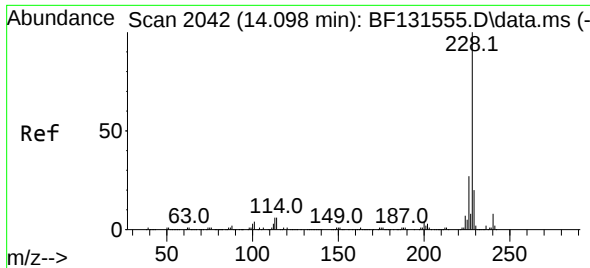
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#80
Butylbenzylphthalate
Concen: 47.355 ng
RT: 13.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

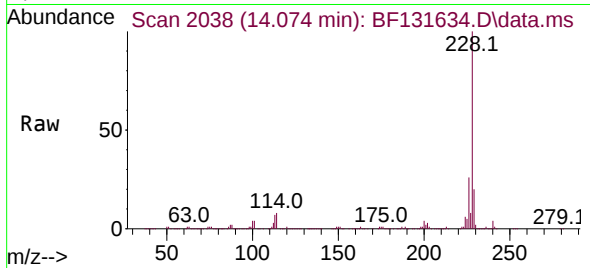
Tgt Ion:149 Resp: 199931
Ion Ratio Lower Upper
149 100
91 76.3 69.0 103.4
206 23.2 17.8 26.8





#81
Benzo(a)anthracene
Concen: 43.285 ng
RT: 14.074 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

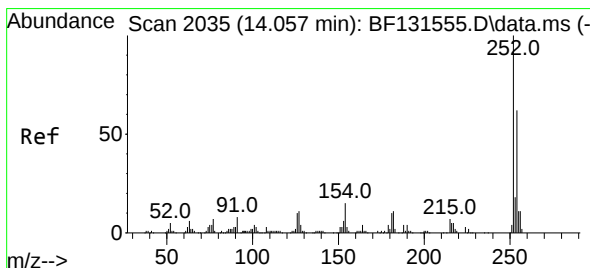
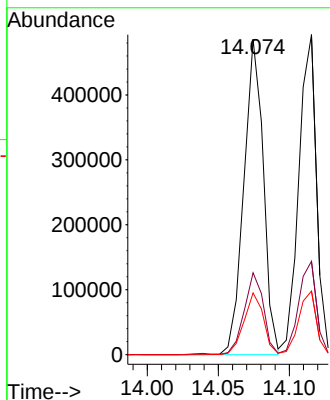
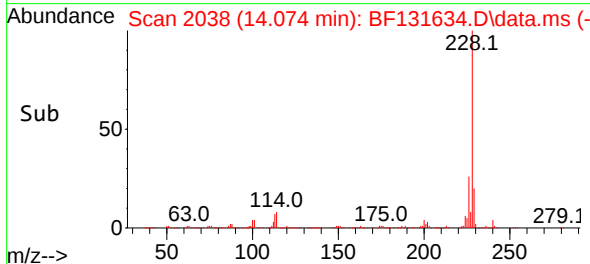
Instrument :
BNA_F
ClientSampleId :
PB149640BS



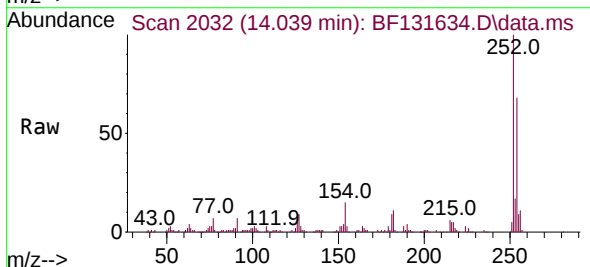
Tgt Ion:228 Resp: 462489
Ion Ratio Lower Upper
228 100
226 26.0 21.5 32.3
229 19.6 15.8 23.6

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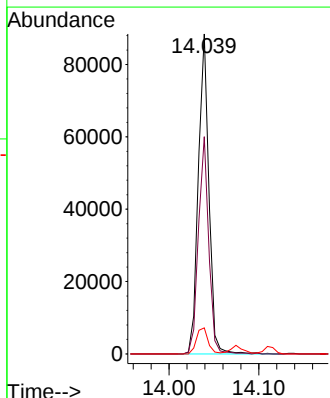
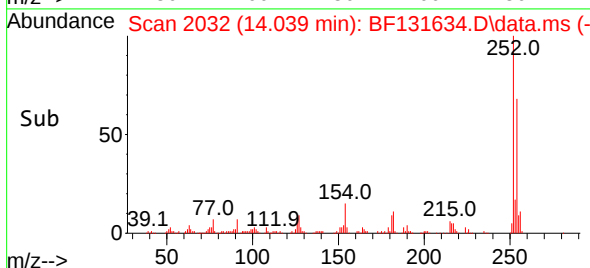
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

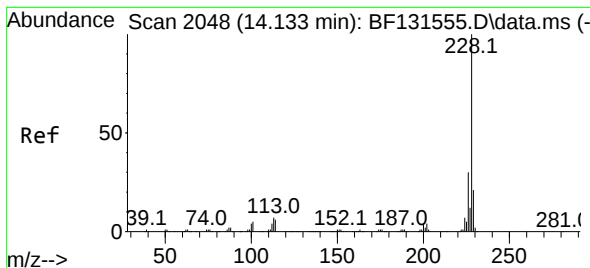


#82
3,3'-Dichlorobenzidine
Concen: 23.780 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:252 Resp: 72290
Ion Ratio Lower Upper
252 100
254 67.9 49.6 74.4
126 8.1 7.9 11.9





#83

Chrysene

Concen: 42.282 ng

RT: 14.116 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

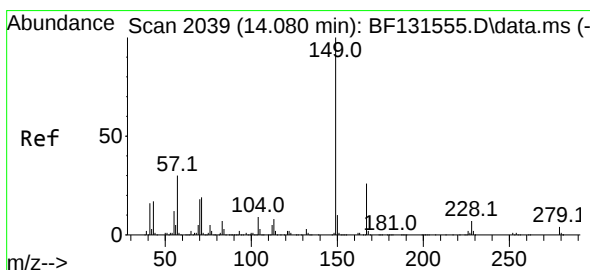
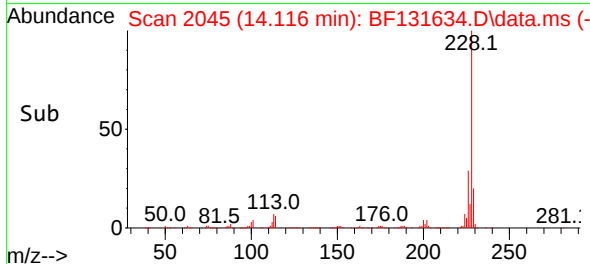
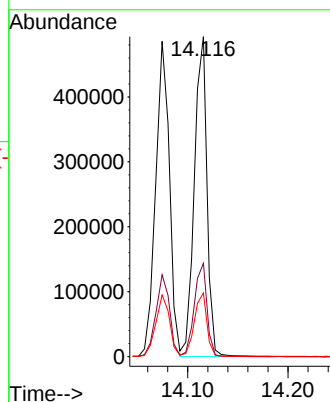
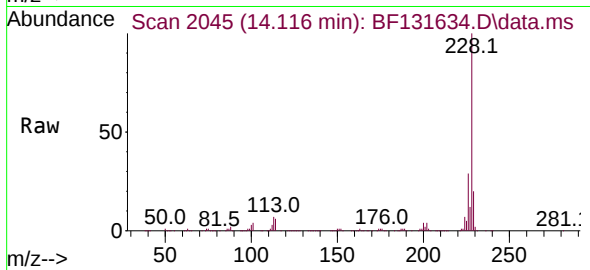
Tgt Ion:228 Resp: 429497

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	19.9	16.7	25.1

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.454 ng

RT: 14.057 min Scan# 2035

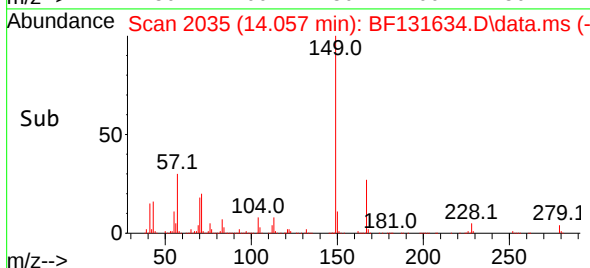
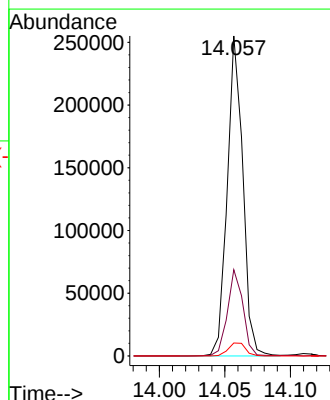
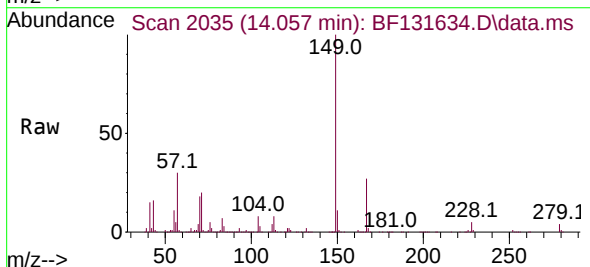
Delta R.T. -0.006 min

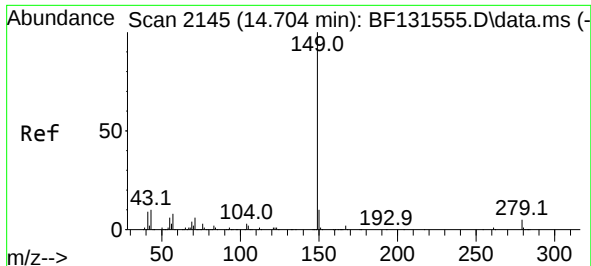
Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Tgt Ion:149 Resp: 211338

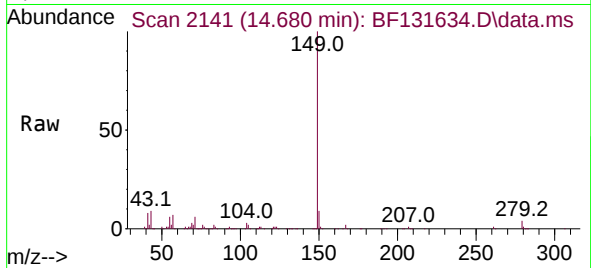
Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.8	31.2
279	4.0	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 31.139 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

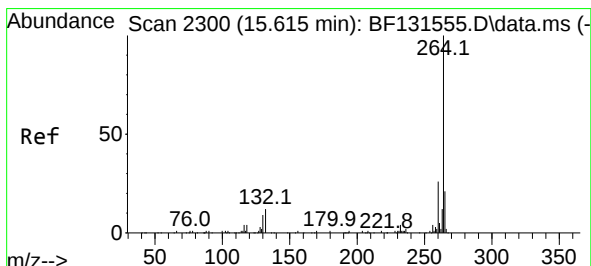
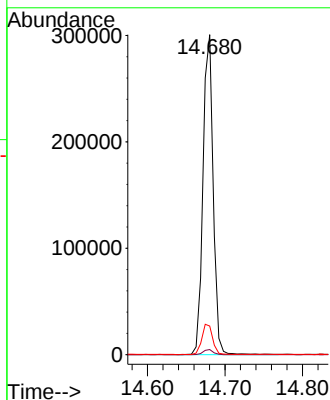
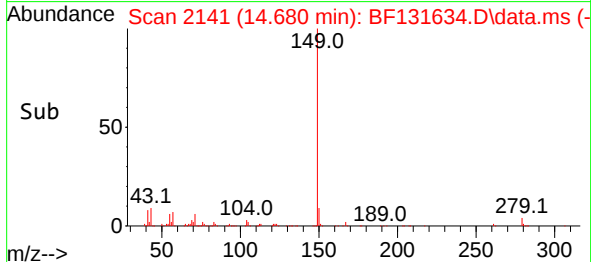
Instrument :
BNA_F
ClientSampleId :
PB149640BS



Tgt Ion:149 Resp: 274090
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.2 8.6 13.0

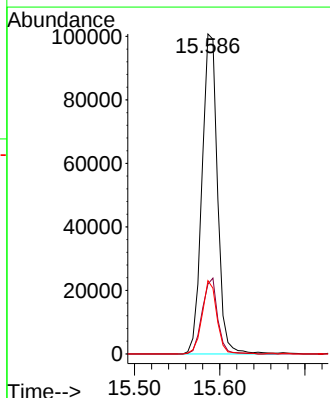
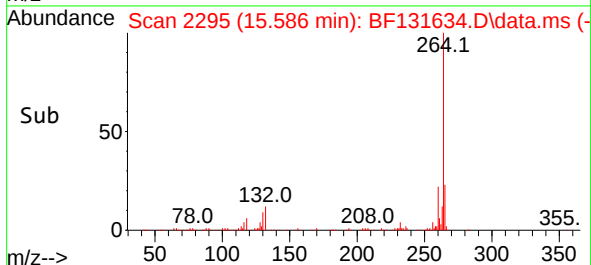
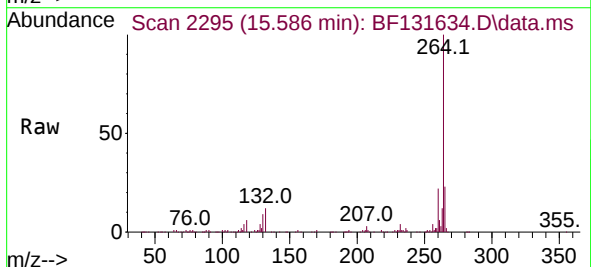
Manual Integrations
APPROVED

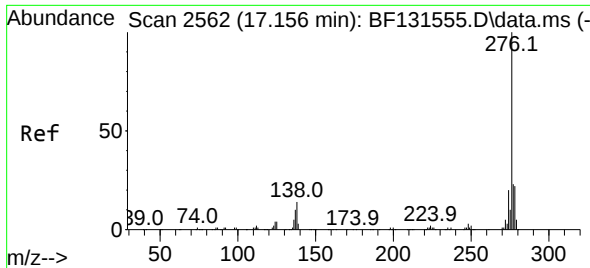
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:264 Resp: 127375
Ion Ratio Lower Upper
264 100
260 21.8 20.6 30.8
265 22.9 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.570 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

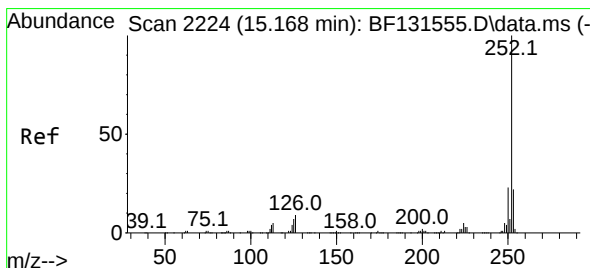
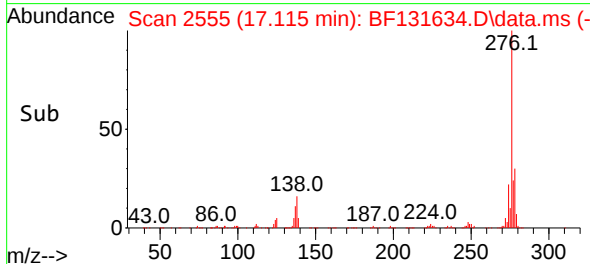
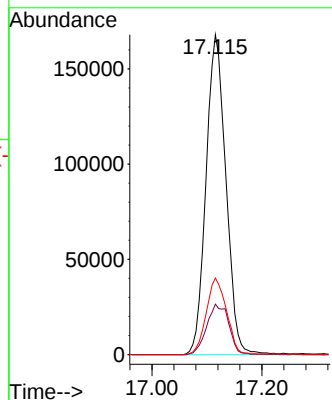
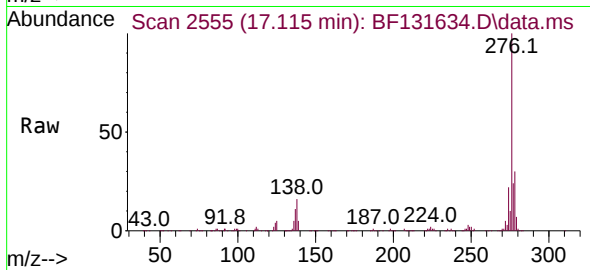
PB149640BS

Tgt Ion:276 Resp: 421735
Ion Ratio Lower Upper
276 100
138 17.6 12.7 19.1
277 24.5 20.0 30.0

Manual Integrations

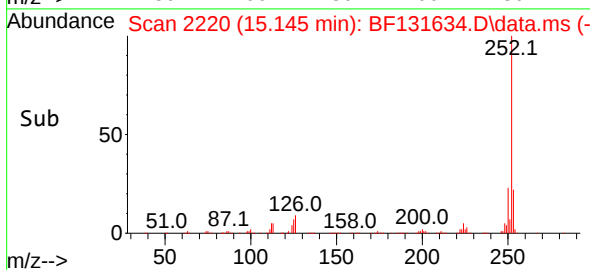
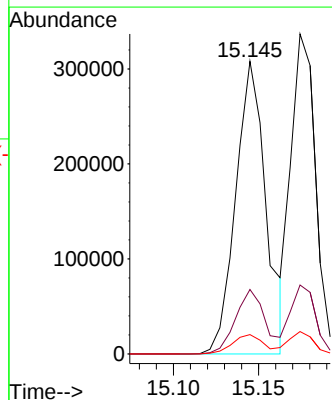
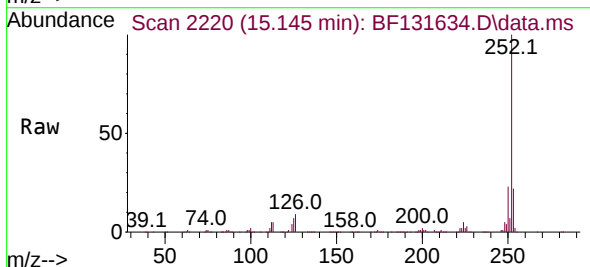
APPROVED

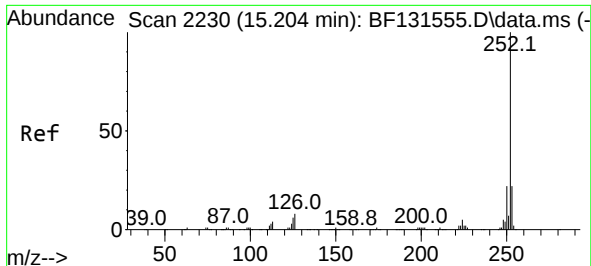
Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022



#88
Benzo(b)fluoranthene
Concen: 45.324 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

Tgt Ion:252 Resp: 380498
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.6 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 39.179 ng

RT: 15.174 min Scan# 2225

Delta R.T. -0.006 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

Instrument :

BNA_F

ClientSampleId :

PB149640BS

Tgt Ion:252 Resp: 343306

Ion Ratio Lower Upper

252 100

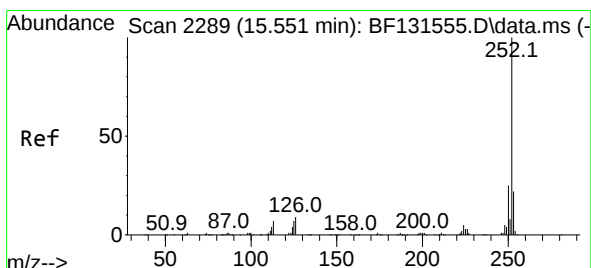
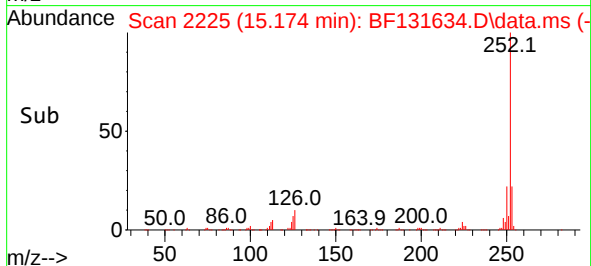
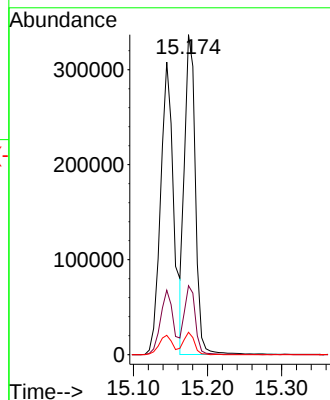
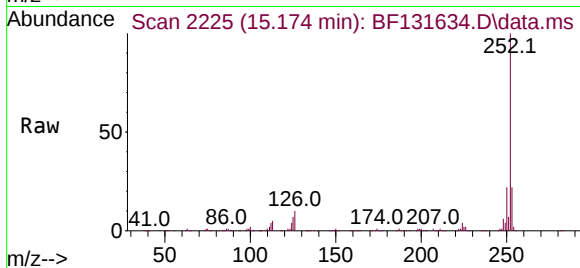
253 21.5 17.7 26.5

125 7.0 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: 45.166 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.000 min

Lab File: BF131634.D

Acq: 14 Dec 2022 16:53

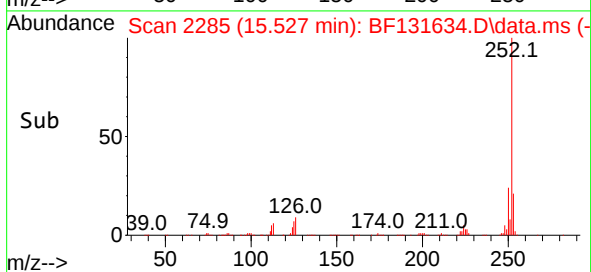
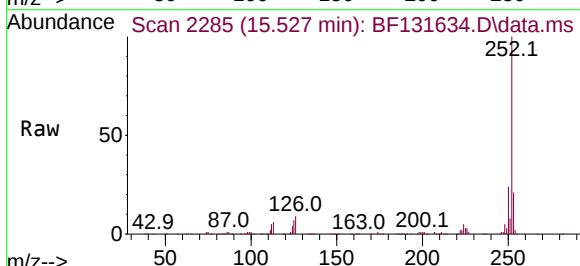
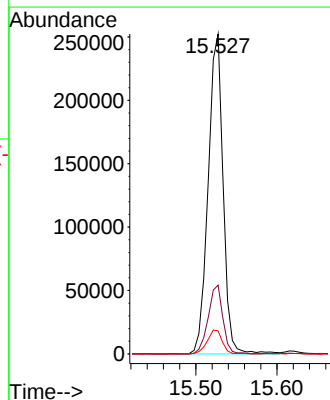
Tgt Ion:252 Resp: 323589

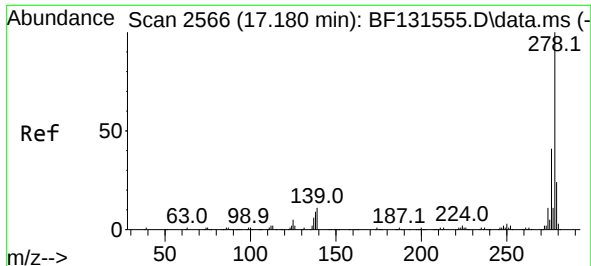
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

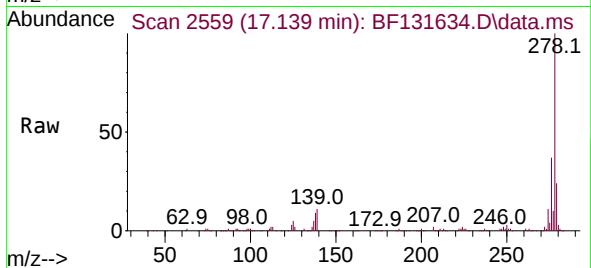
125 7.2 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 40.944 ng
RT: 17.139 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53

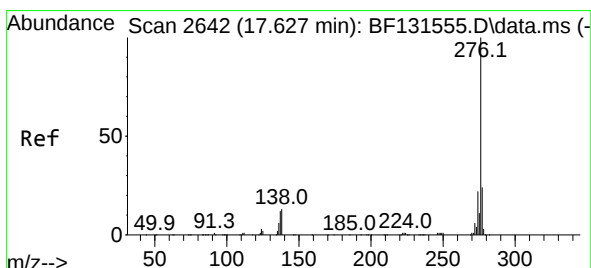
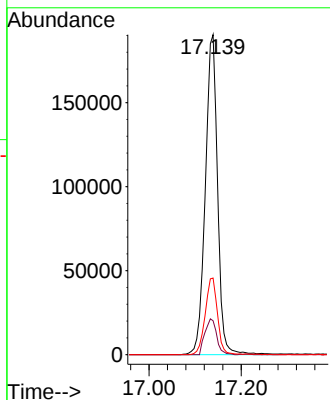
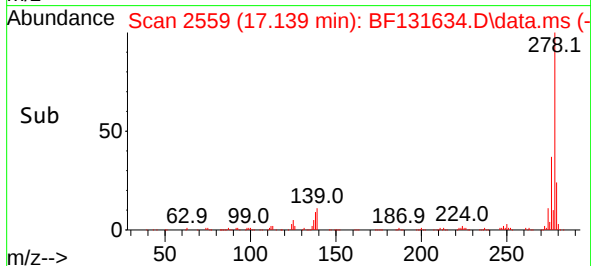
Instrument :
BNA_F
ClientSampleId :
PB149640BS



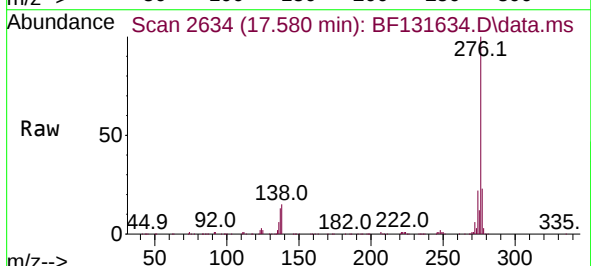
Tgt Ion:278 Resp: 350296
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 23.9 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 41.069 ng
RT: 17.580 min Scan# 2634
Delta R.T. -0.012 min
Lab File: BF131634.D
Acq: 14 Dec 2022 16:53



Tgt Ion:276 Resp: 353132
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 14.7 10.7 16.1

