

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135953.D
 Acq On : 25 Oct 2023 21:30
 Operator : CG\JU
 Sample : PB156273BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156273BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:33:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	164955	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	638893	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	325712	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	595665	20.000	ng	0.00
76) Chrysene-d12	14.010	240	382009	20.000	ng	0.00
86) Perylene-d12	15.486	264	375368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1466570	137.288	ng	0.02
7) Phenol-d6	6.463	99	1829726	137.581	ng	0.00
23) Nitrobenzene-d5	7.392	82	1016599	100.709	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	490863	172.175	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1864804	91.677	ng	0.00
79) Terphenyl-d14	12.957	244	2306691	100.887	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	200548	40.414	ng	99
3) Pyridine	3.463	79	493629	36.041	ng	98
4) n-Nitrosodimethylamine	3.434	42	279112	46.736	ng	99
6) Aniline	6.487	93	585718	32.708	ng	99
8) 2-Chlorophenol	6.610	128	565411	51.128	ng	97
9) Benzaldehyde	6.369	77	87984	12.230	ng	95
10) Phenol	6.475	94	666250m	47.920	ng	
11) bis(2-Chloroethyl)ether	6.563	93	528250	48.812	ng	96
12) 1,3-Dichlorobenzene	6.763	146	575321	48.978	ng	98
13) 1,4-Dichlorobenzene	6.839	146	583759	49.483	ng	97
14) 1,2-Dichlorobenzene	6.992	146	552402	50.424	ng	99
15) Benzyl Alcohol	6.969	79	374341	39.817	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	757930	47.557	ng	98
17) 2-Methylphenol	7.075	107	440446	45.189	ng	99
18) Hexachloroethane	7.333	117	205210	51.156	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	352795	46.649	ng	97
20) 3+4-Methylphenols	7.234	107	532824	45.295	ng	# 80
22) Acetophenone	7.239	105	728511	50.486	ng	# 90
24) Nitrobenzene	7.410	77	540407	50.911	ng	99
25) Isophorone	7.645	82	990012	49.023	ng	99
26) 2-Nitrophenol	7.722	139	234276	57.604	ng	98
27) 2,4-Dimethylphenol	7.763	122	435300	47.294	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	615018	49.594	ng	98
29) 2,4-Dichlorophenol	7.963	162	440929	53.498	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	478678	51.295	ng	99
31) Naphthalene	8.128	128	1514619	49.034	ng	100
32) Benzoic acid	7.886	122	295778	58.755	ng	91
33) 4-Chloroaniline	8.169	127	174354	12.771	ng	99
34) Hexachlorobutadiene	8.245	225	265891	50.551	ng	98
35) Caprolactam	8.551	113	155468m	56.683	ng	
36) 4-Chloro-3-methylphenol	8.657	107	471904	53.878	ng	98
37) 2-Methylnaphthalene	8.822	142	965962	47.265	ng	99
38) 1-Methylnaphthalene	8.916	142	929067	48.651	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	446613	48.548	ng	99
41) Hexachlorocyclopentadiene	8.975	237	520350	114.713	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	292672	54.356	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135953.D
 Acq On : 25 Oct 2023 21:30
 Operator : CG\JU
 Sample : PB156273BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156273BS

Quant Time: Oct 26 04:33:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	333940	52.236	ng	95
46) 1,1'-Biphenyl	9.286	154	1214122	49.194	ng	99
47) 2-Chloronaphthalene	9.310	162	922970	50.560	ng	99
48) 2-Nitroaniline	9.404	65	272929	53.346	ng	99
49) Acenaphthylene	9.727	152	1468929	51.006	ng	99
50) Dimethylphthalate	9.592	163	1047670	49.600	ng	99
51) 2,6-Dinitrotoluene	9.651	165	236594	53.419	ng	86
52) Acenaphthene	9.898	154	988846m	53.577	ng	
53) 3-Nitroaniline	9.816	138	166860	33.380	ng	92
54) 2,4-Dinitrophenol	9.922	184	190800	96.789	ng	98
55) Dibenzofuran	10.075	168	1298127	48.686	ng	97
56) 4-Nitrophenol	9.980	139	444157	102.363	ng	100
57) 2,4-Dinitrotoluene	10.057	165	317804	57.341	ng	92
58) Fluorene	10.416	166	981204	49.188	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	284579	59.157	ng	99
60) Diethylphthalate	10.298	149	1011852	50.236	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	468020	48.638	ng	99
62) 4-Nitroaniline	10.439	138	260168	49.938	ng	96
63) Azobenzene	10.569	77	1001842	49.013	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	127509	59.041	ng	95
66) n-Nitrosodiphenylamine	10.527	169	908872	50.507	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	306963	50.320	ng	100
68) Hexachlorobenzene	10.957	284	357246	54.821	ng	98
69) Atrazine	11.063	200	301990	61.561	ng	99
70) Pentachlorophenol	11.157	266	416501	99.708	ng	99
71) Phenanthrene	11.380	178	1530277	50.779	ng	99
72) Anthracene	11.433	178	1574815	51.035	ng	100
73) Carbazole	11.586	167	1409049	51.189	ng	99
74) Di-n-butylphthalate	11.927	149	1551234	52.959	ng	100
75) Fluoranthene	12.574	202	1636516	51.617	ng	100
77) Benzidine	12.698	184	405855	55.099	ng	99
78) Pyrene	12.804	202	1689113	52.661	ng	100
80) Butylbenzylphthalate	13.433	149	640869	52.480	ng	93
81) Benzo(a)anthracene	13.998	228	1378031	53.053	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	329006	41.634	ng	98
83) Chrysene	14.039	228	1318026	52.100	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	757286	57.416	ng	100
85) Di-n-octyl phthalate	14.621	149	1254522	60.379	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1203185	56.528	ng	99
88) Benzo(b)fluoranthene	15.057	252	1184693	53.032	ng	99
89) Benzo(k)fluoranthene	15.086	252	1110025	50.594	ng	100
90) Benzo(a)pyrene	15.427	252	1018499	49.469	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1002508	55.065	ng	97
92) Benzo(g,h,i)perylene	17.456	276	953397	46.210	ng	100

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

Abundance

TIC: BF135953.D\data.ms

Time-->

1,4-Dioxane

n-Nitrosodiphenylamine,

2-Fluorophenol, S

Phenol, G

1,3-Dichlorobenzene, C

1,4-Dichlorobenzene, C

2,2'-oxybis(1-chloroethane)

Methylphenol, C

Nitrobenzene

2-Nitrophenol, C

2,4-Dinitrophenol

Naphthalene

4-Chloroaniline

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylphenol, C

2,4,5-Trichlorobenzene, C

2,4,6-Trichlorobenzene, C

2-Nitroaniline

2,6-Dinitroaniline

3-Nitroaniline

Acetanaphthene, P

2,3,4,6-Tetrachlorophenol, C

2,4-Dinitrophenol

4,6-Dinitrophenol

4-Nitrophenol

n-Nitrosodiphenylamine, C

Fluorene

2,4,6-Trichlorophenol, S

Anthracene

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Terphenyl-d14, S

Bis(2-ethylhexyloxy)phthalate

Chrysene, C

Di-n-octyl phthalate, C

Benzo(a)anthracene

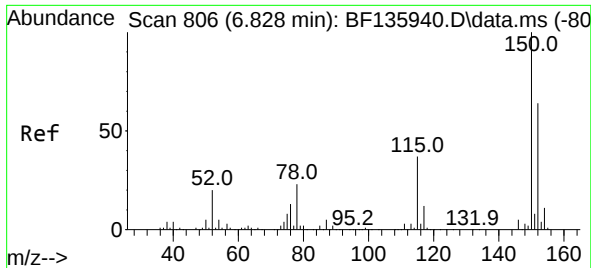
Benzo(a)pyrene, C

Perylene-d12, I

Benzo(g,h,i)perylene

Indeno(1,2,3-cd)pyrene, C

Benzo(a)anthracene



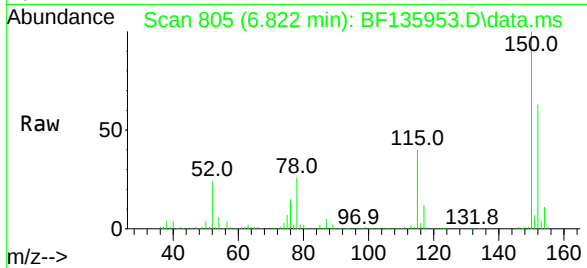
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

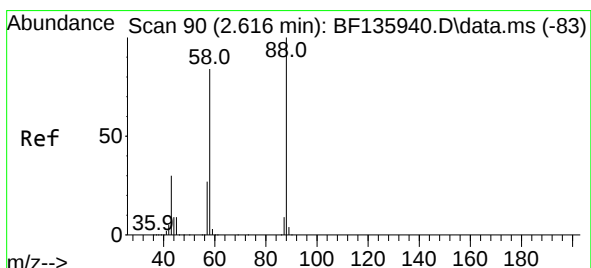
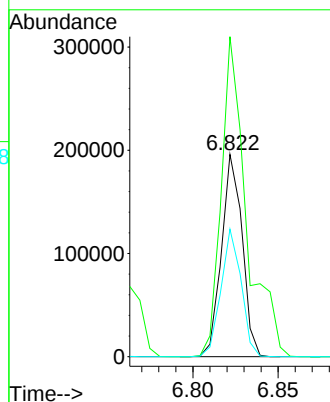
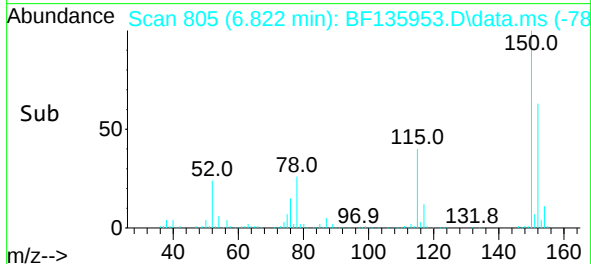


Tgt Ion:152 Resp: 164958
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 63.1 46.6 69.8

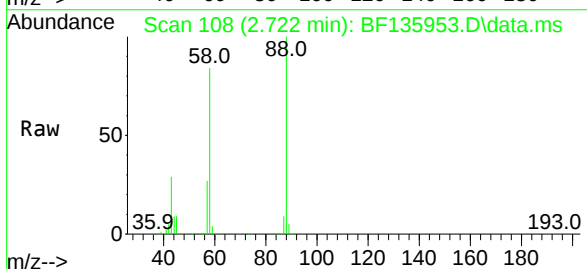
Manual Integrations

APPROVED

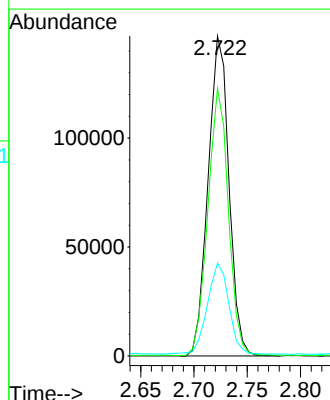
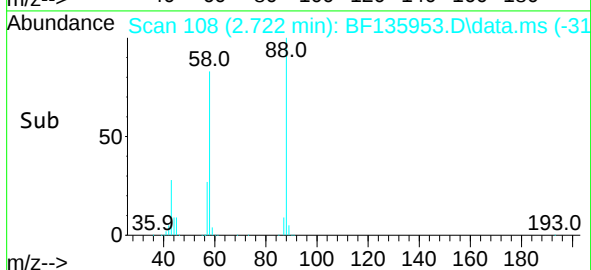
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

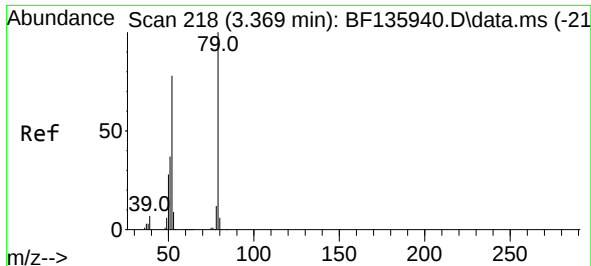


#2
 1,4-Dioxane
 Concen: 40.414 ng
 RT: 2.722 min Scan# 108
 Delta R.T. 0.106 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30



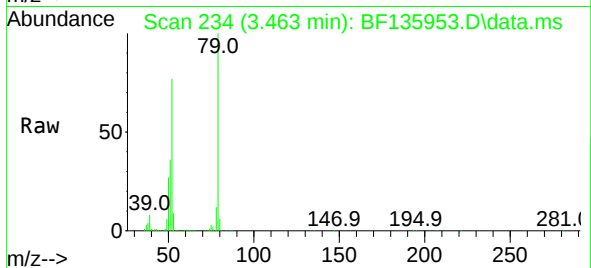
Tgt Ion: 88 Resp: 200548
 Ion Ratio Lower Upper
 88 100
 58 82.2 66.6 100.0
 43 29.1 23.8 35.8





#3
Pyridine
Concen: 36.041 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

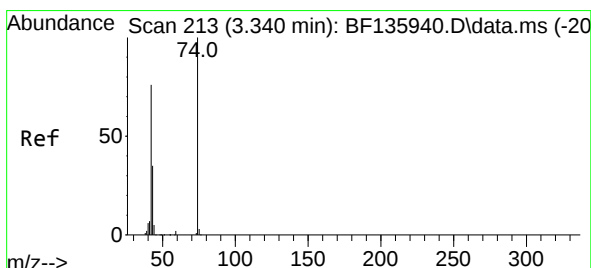
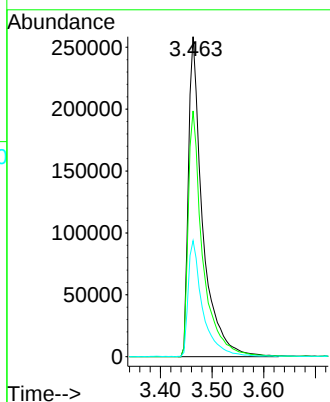
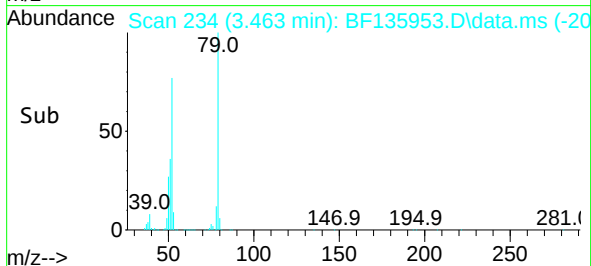
Instrument :
BNA_F
ClientSampleId :
PB156273BS



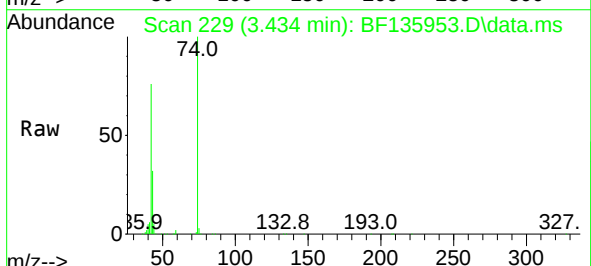
Tgt Ion: 79 Resp: 493629
Ion Ratio Lower Upper
79 100
52 76.8 62.6 93.8
51 36.3 29.8 44.8

Manual Integrations
APPROVED

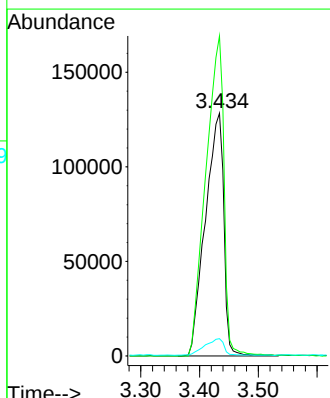
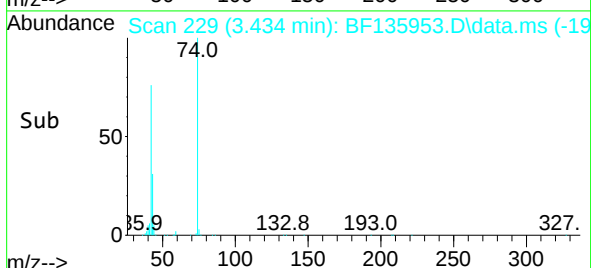
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 46.736 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.094 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion: 42 Resp: 279112
Ion Ratio Lower Upper
42 100
74 131.8 104.8 157.2
44 7.1 5.9 8.9





#5
2-Fluorophenol
Concen: 137.288 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

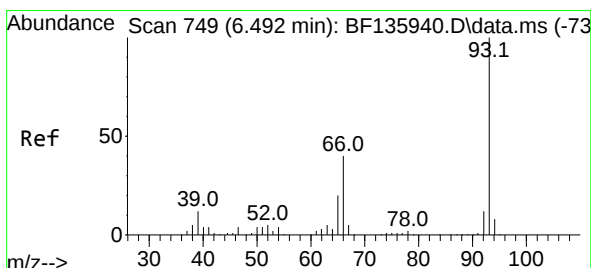
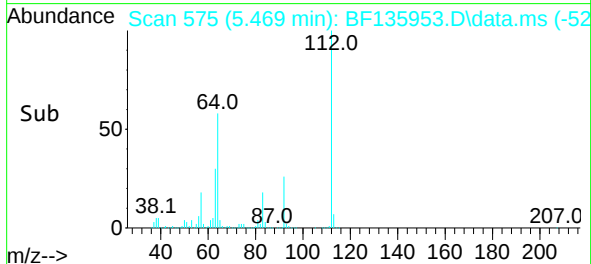
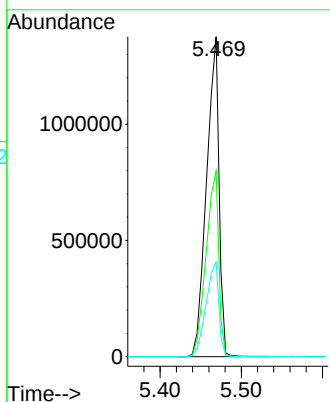
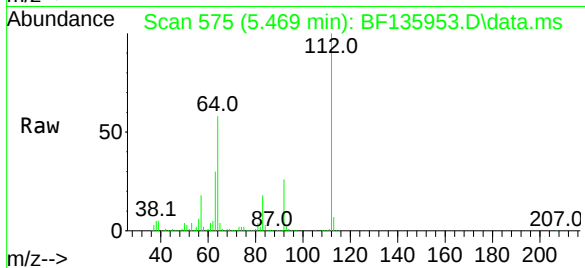
PB156273BS

Tgt Ion:112 Resp: 1466570
Ion Ratio Lower Upper
112 100
64 58.0 45.1 67.7
63 29.6 23.0 34.4

Manual Integrations

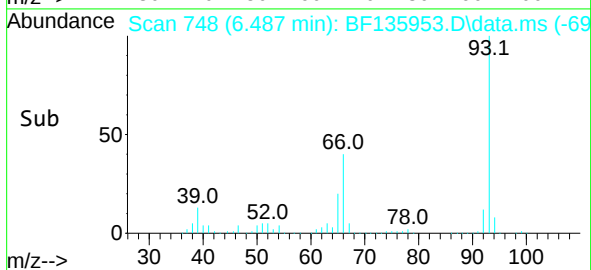
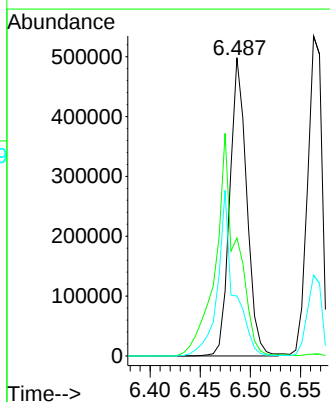
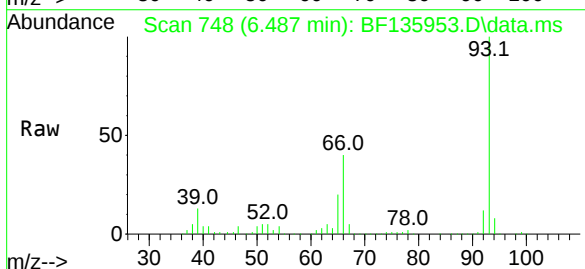
APPROVED

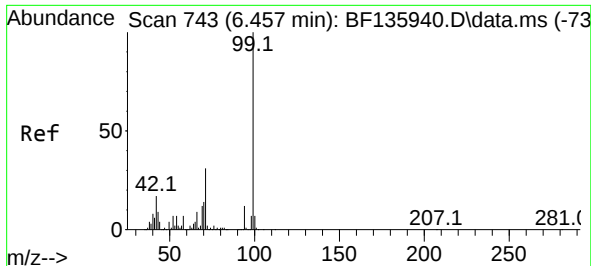
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 32.708 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 93 Resp: 585718
Ion Ratio Lower Upper
93 100
66 39.6 32.0 48.0
65 20.1 16.2 24.4





#7

Phenol-d6

Concen: 137.581 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion: 99 Resp: 1829720

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

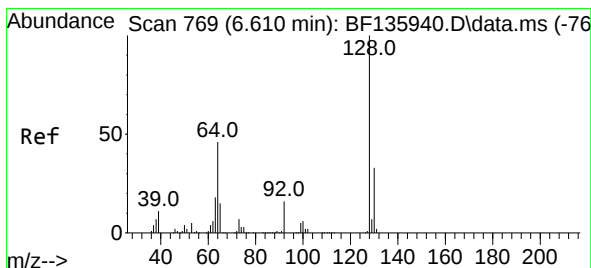
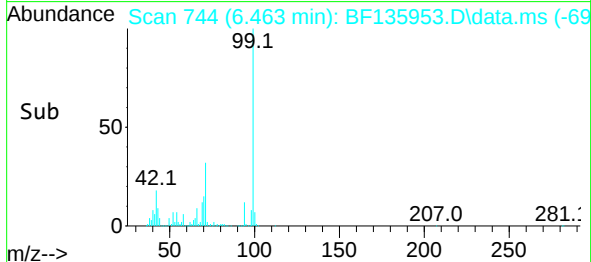
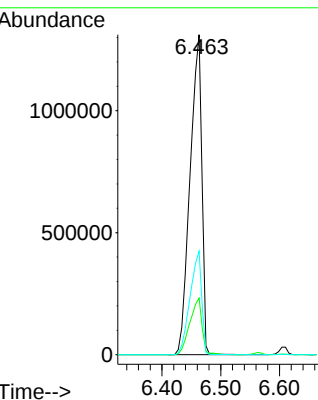
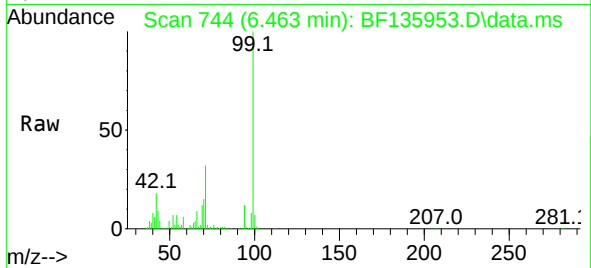
71 32.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#8

2-Chlorophenol

Concen: 51.128 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

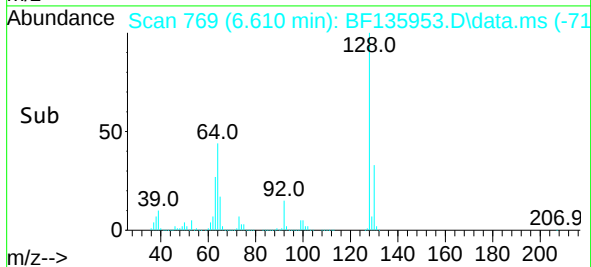
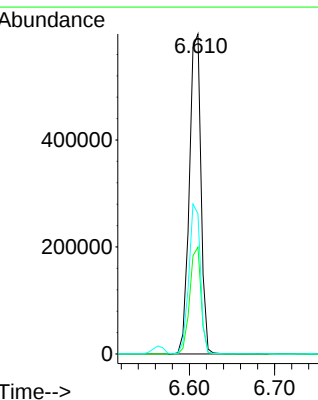
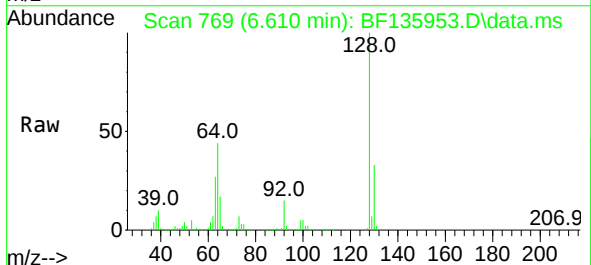
Tgt Ion:128 Resp: 565411

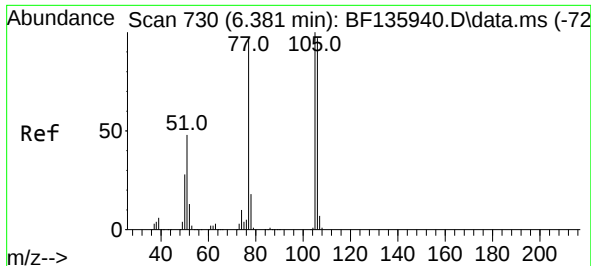
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 43.8 27.0 67.0





#9

Benzaldehyde

Concen: 12.230 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135953.D

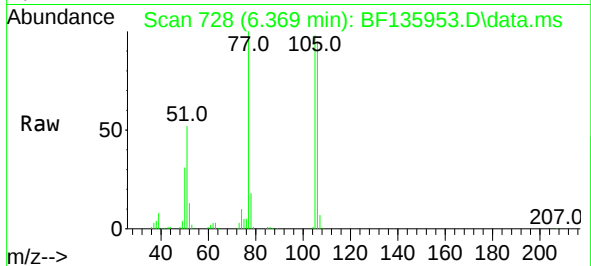
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

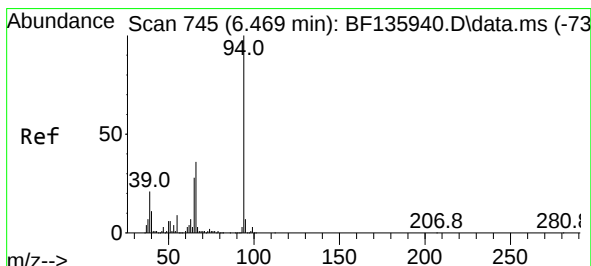
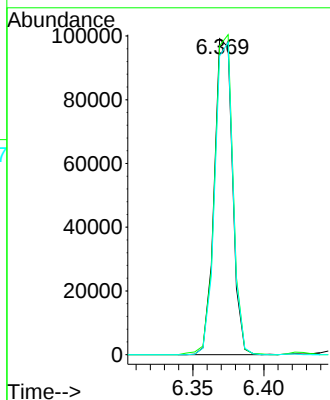
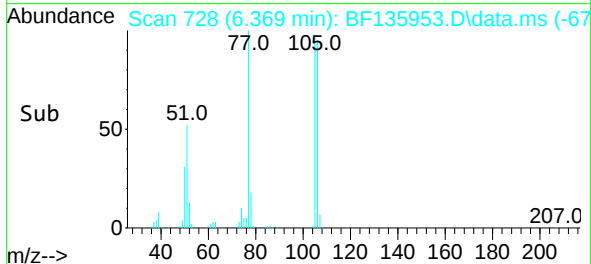
PB156273BS



Tgt Ion: 77	Resp: 87984
Ion Ratio	Lower Upper
77	100
105	97.8 83.2 123.2
106	94.5 80.0 120.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#10

Phenol

Concen: 47.920 ng m

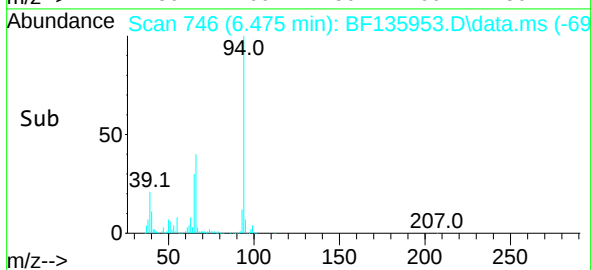
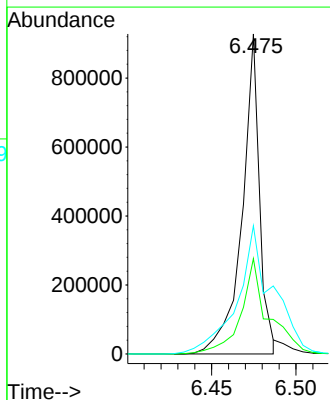
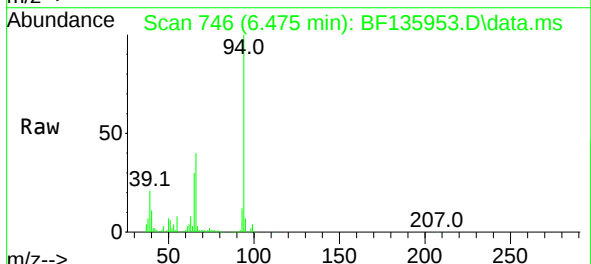
RT: 6.475 min Scan# 746

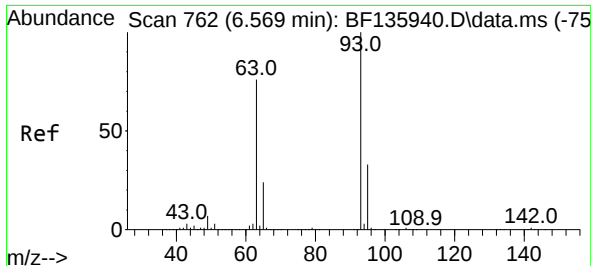
Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Tgt Ion: 94	Resp: 666250
Ion Ratio	Lower Upper
94	100
65	29.8 7.8 47.8
66	40.1 16.5 56.5





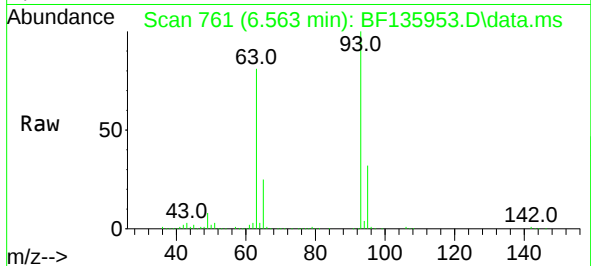
#11
bis(2-Chloroethyl)ether
Concen: 48.812 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

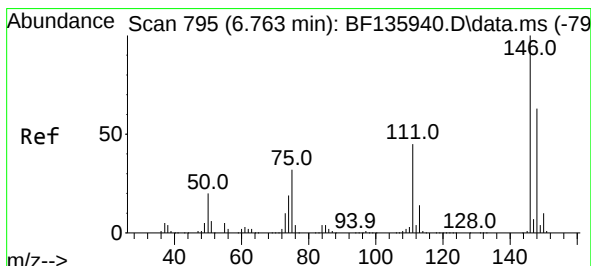
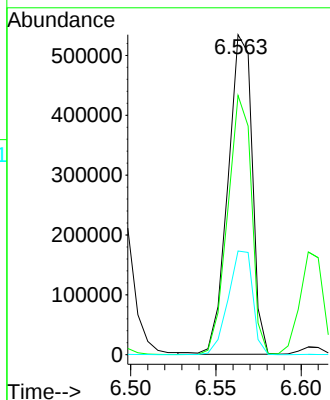
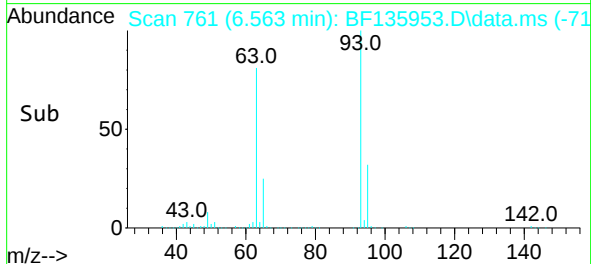
PB156273BS



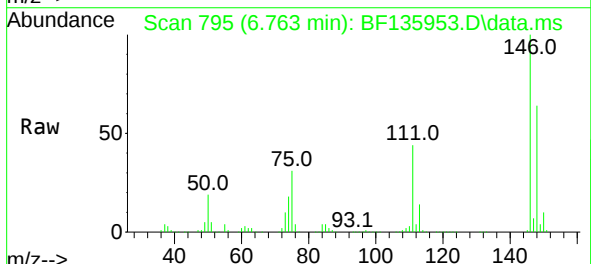
Tgt Ion: 93 Resp: 528250
Ion Ratio Lower Upper
93 100
63 81.0 56.2 96.2
95 32.4 12.9 52.9

Manual Integrations
APPROVED

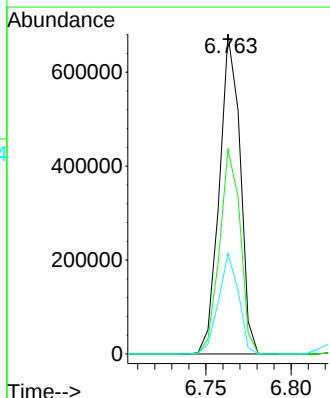
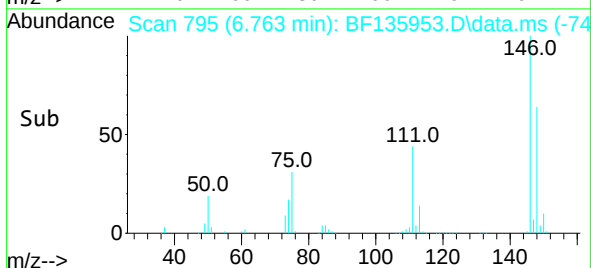
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

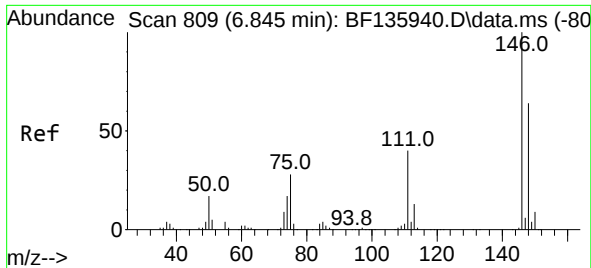


#12
1,3-Dichlorobenzene
Concen: 48.978 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:146 Resp: 575321
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 31.4 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 49.483 ng
RT: 6.839 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

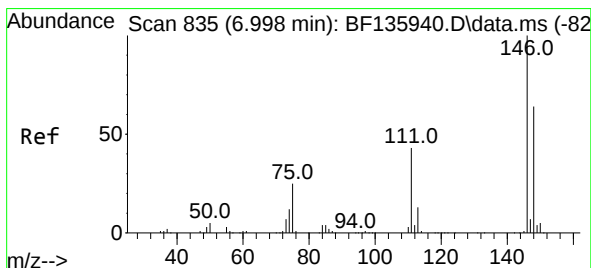
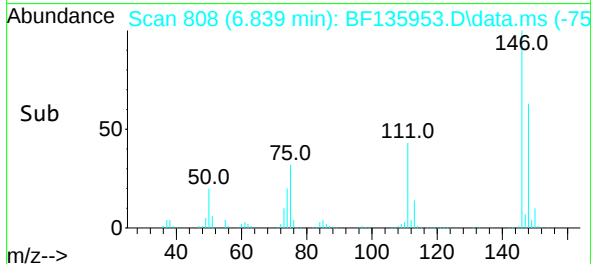
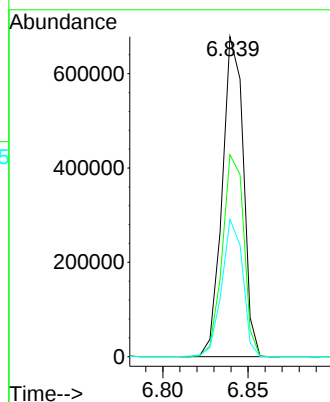
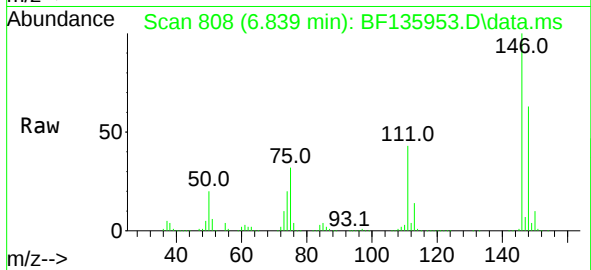
ClientSampleId :

PB156273BS

Tgt Ion:146 Resp: 583759
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 42.9 31.8 47.8

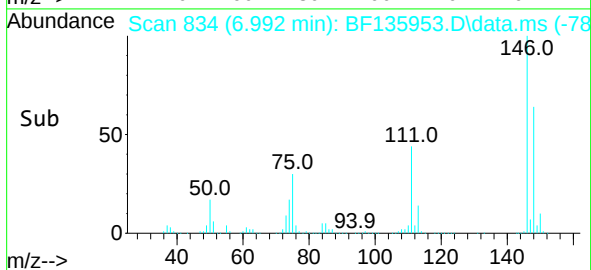
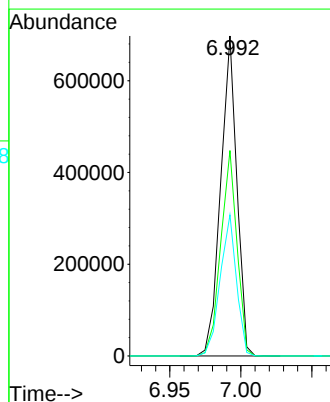
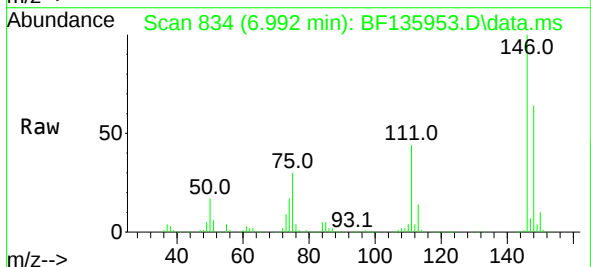
Manual Integrations
APPROVED

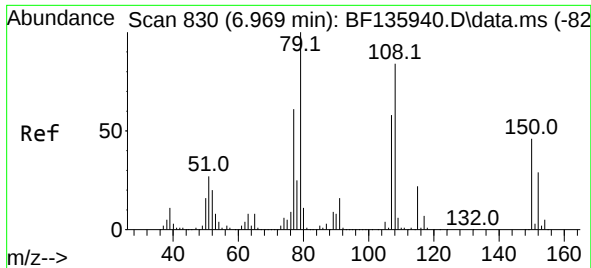
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#14
1,2-Dichlorobenzene
Concen: 50.424 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:146 Resp: 552402
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 44.1 34.2 51.4





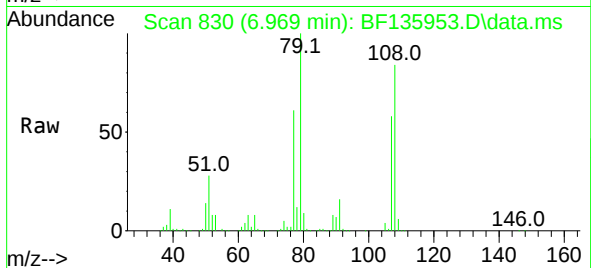
#15
Benzyl Alcohol
Concen: 39.817 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

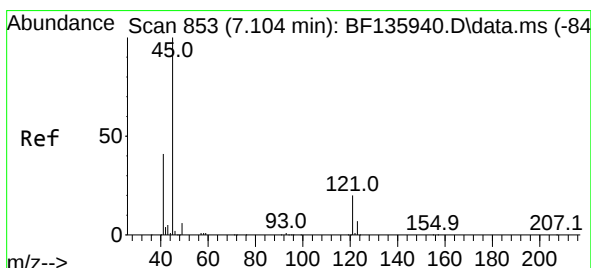
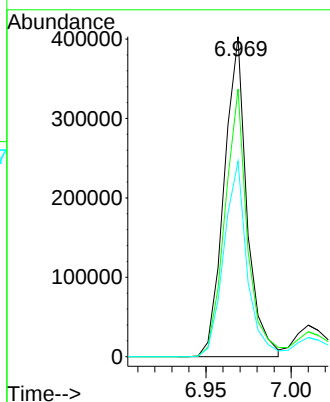
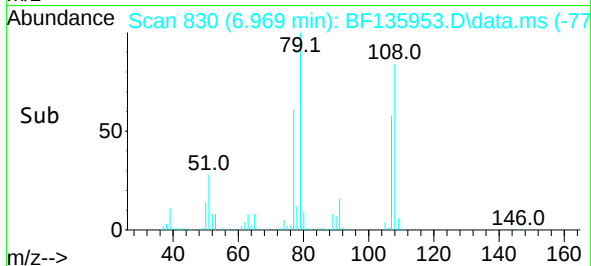


Tgt Ion: 79 Resp: 37434
Ion Ratio Lower Upper
79 100
108 83.6 67.2 100.8
77 61.1 49.0 73.6

Manual Integrations

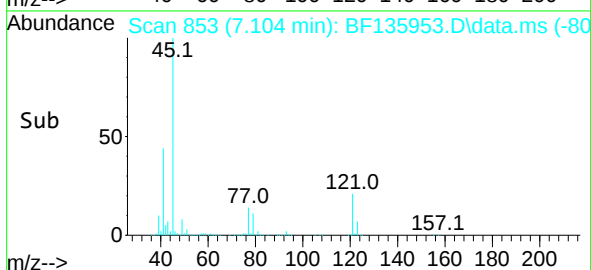
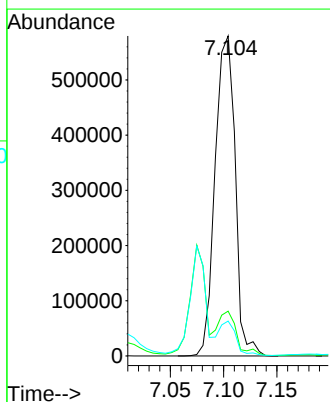
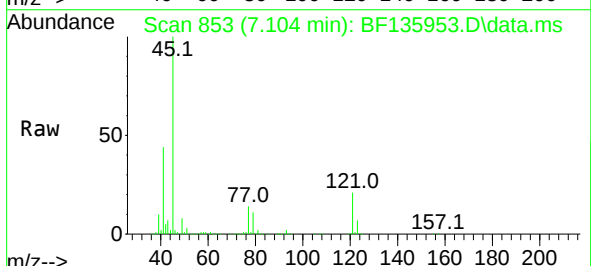
APPROVED

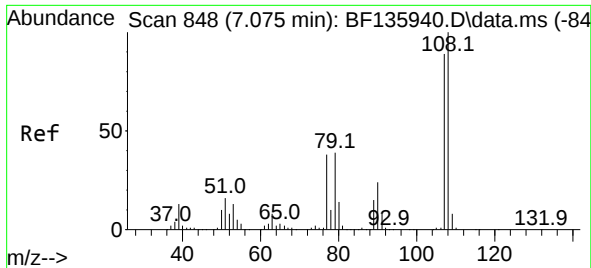
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.557 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 45 Resp: 757930
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.9 0.0 29.8





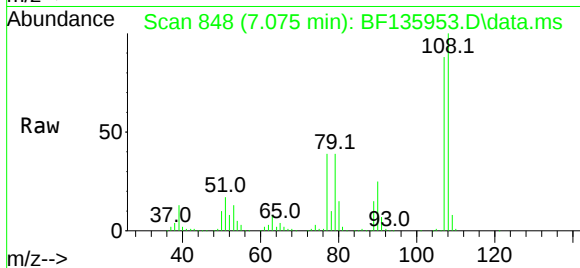
#17
2-Methylphenol
Concen: 45.189 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

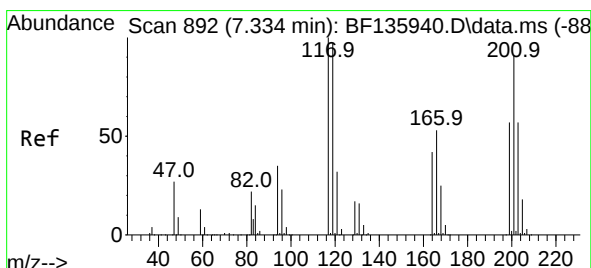
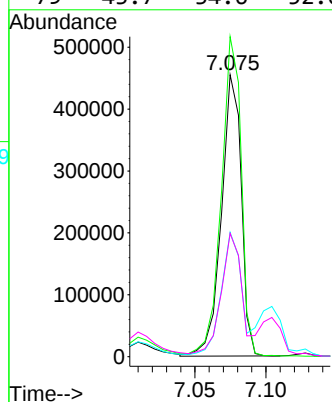
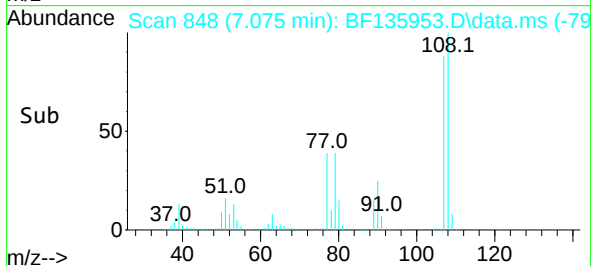


Tgt Ion:107 Resp: 440440
Ion Ratio Lower Upper
107 100
108 113.5 89.8 134.6
77 44.1 34.2 51.2
79 43.7 34.6 52.0

Manual Integrations

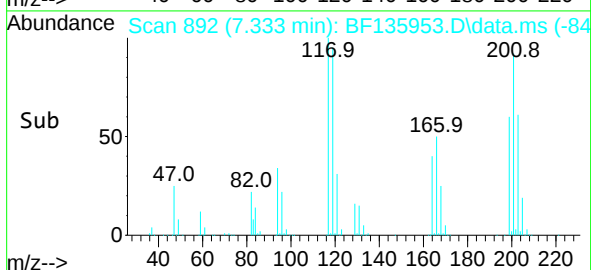
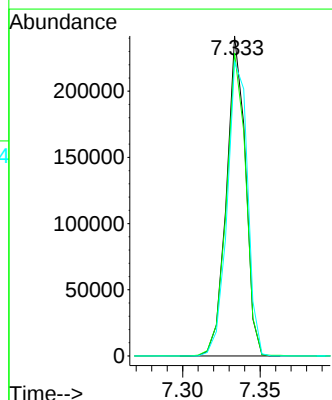
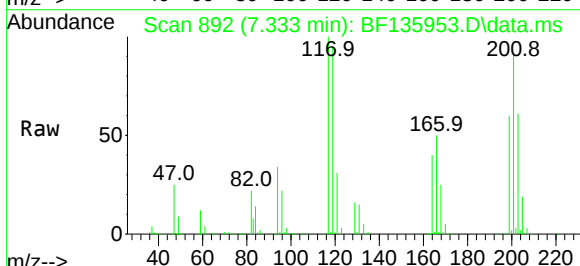
APPROVED

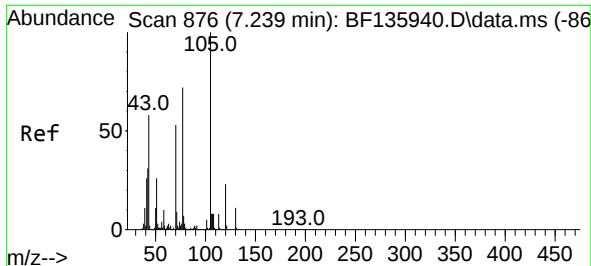
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 51.156 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

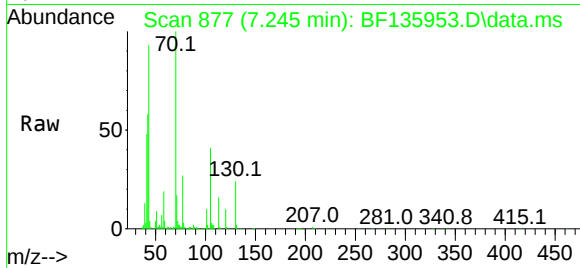
Tgt Ion:117 Resp: 205210
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
201 91.9 72.8 109.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.649 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

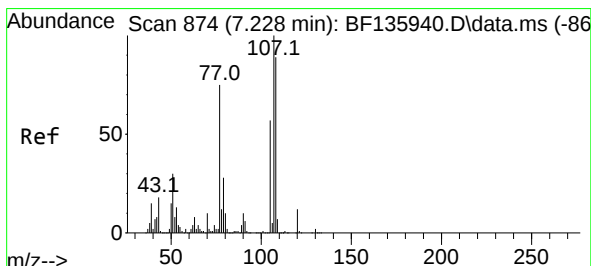
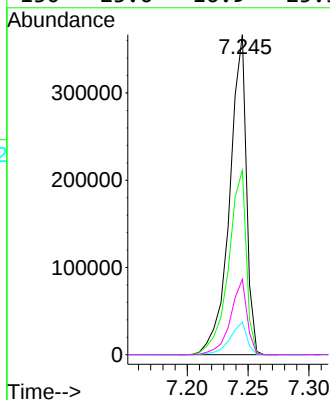
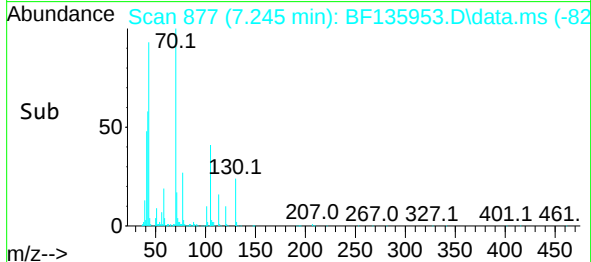
Instrument :
BNA_F
ClientSampleId :
PB156273BS



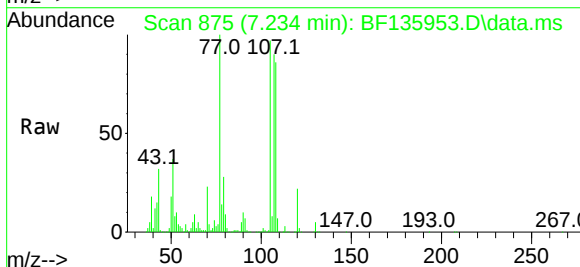
Tgt Ion: 70 Resp: 35279
Ion Ratio Lower Upper
70 100
42 57.7 47.3 70.9
101 10.2 7.8 11.8
130 23.6 16.9 25.3

Manual Integrations
APPROVED

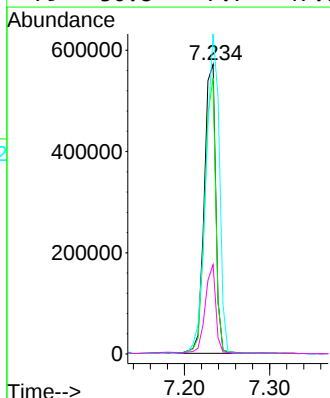
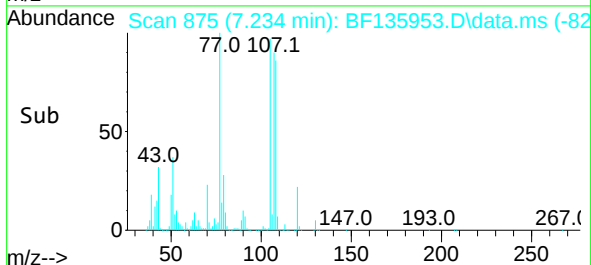
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

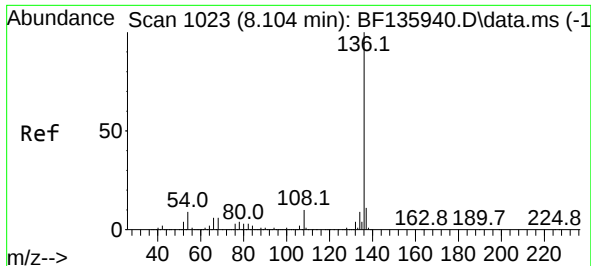


#20
3+4-Methylphenols
Concen: 45.295 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:107 Resp: 532824
Ion Ratio Lower Upper
107 100
108 95.4 69.1 109.1
77 110.6 55.0 95.0#
79 30.8 7.7 47.7





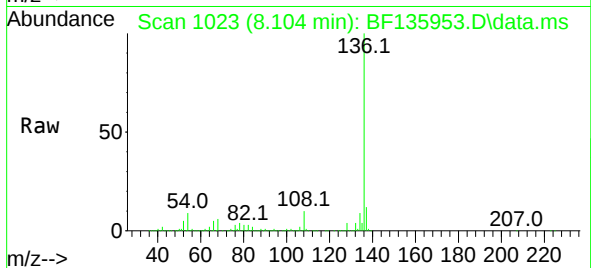
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



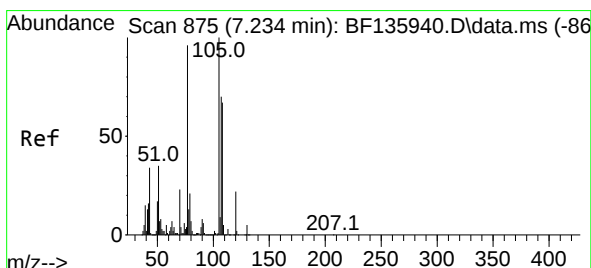
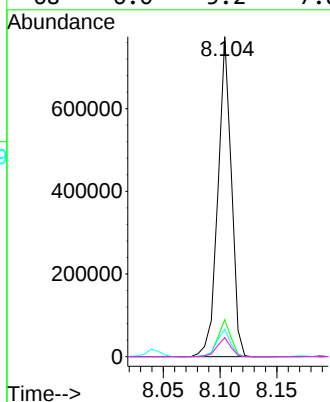
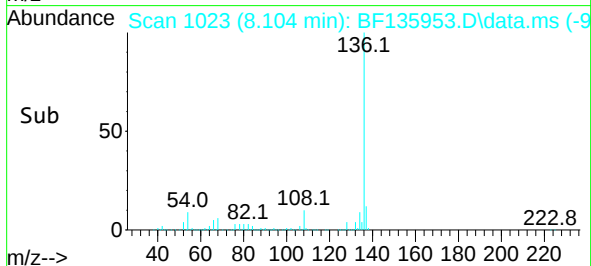
Tgt Ion:136 Resp: 63889
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 8.6 7.1 10.7
68 6.0 5.2 7.8

Manual Integrations

APPROVED

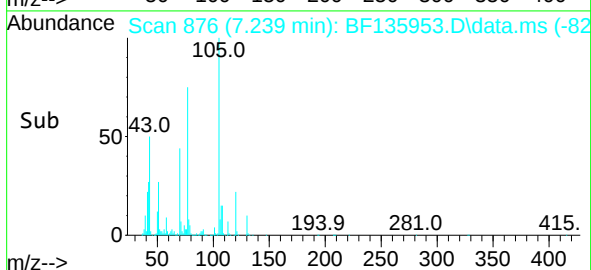
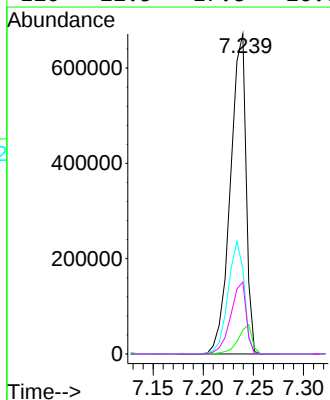
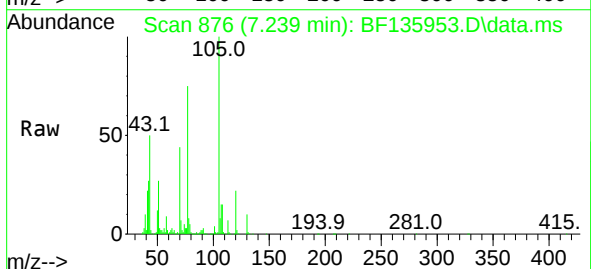
Reviewed By :Yogesh Patel 10/26/2023

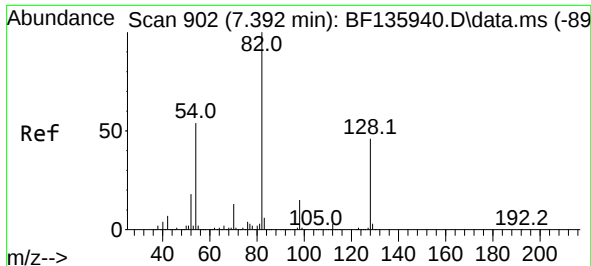
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 50.486 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:105 Resp: 728511
Ion Ratio Lower Upper
105 100
71 7.5 3.4 5.2#
51 26.7 28.4 42.6#
120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 100.709 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion: 82 Resp: 101659

Ion Ratio Lower Upper

82 100

128 47.0 36.8 55.2

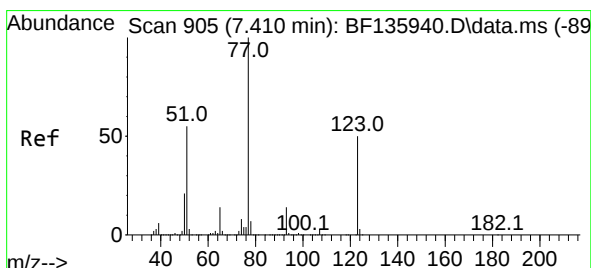
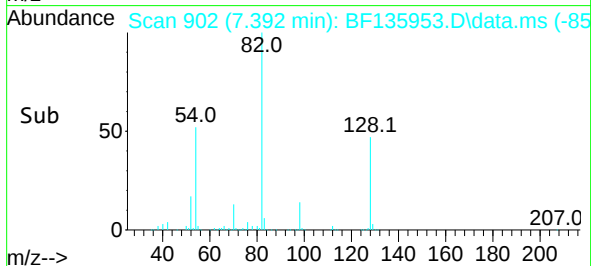
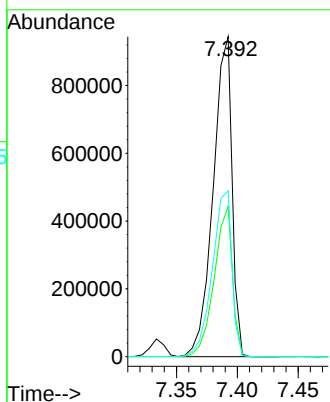
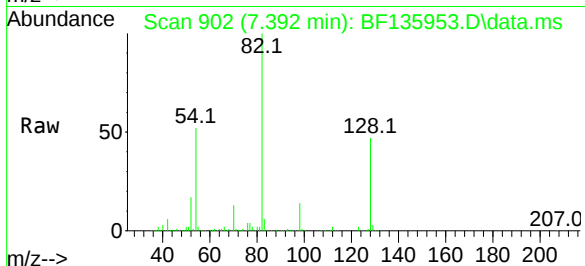
54 51.8 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 50.911 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

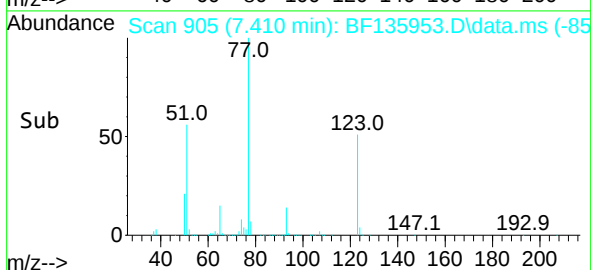
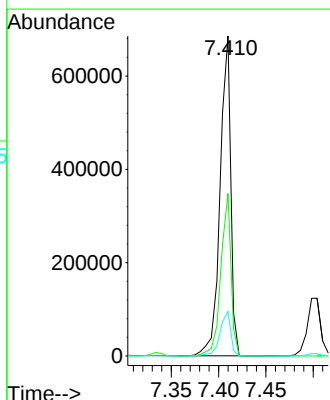
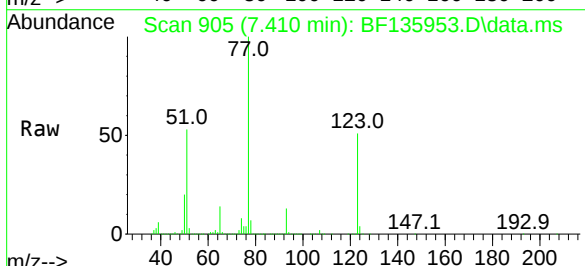
Tgt Ion: 77 Resp: 540407

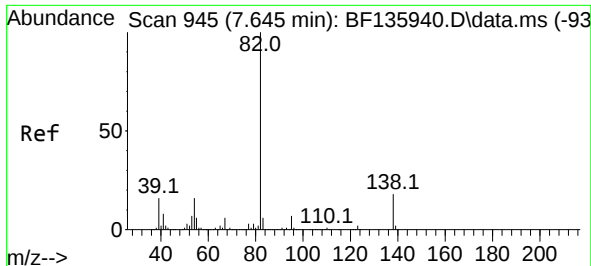
Ion Ratio Lower Upper

77 100

123 50.7 40.2 60.2

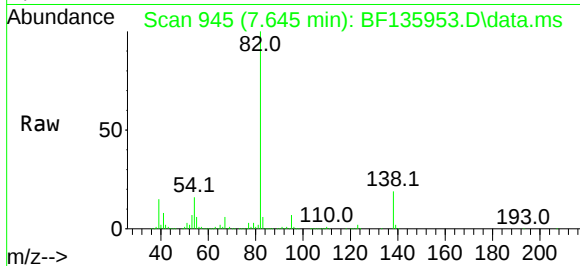
65 13.9 11.0 16.4





#25
Isophorone
Concen: 49.023 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

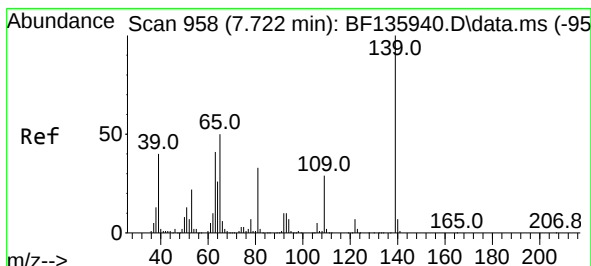
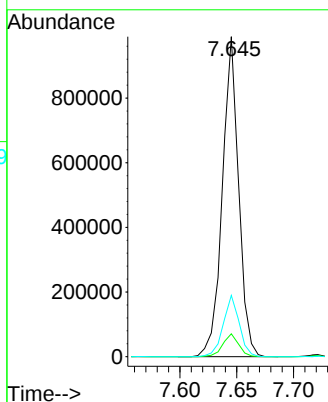
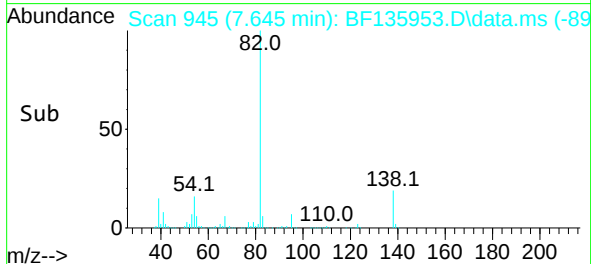
Instrument :
BNA_F
ClientSampleId :
PB156273BS



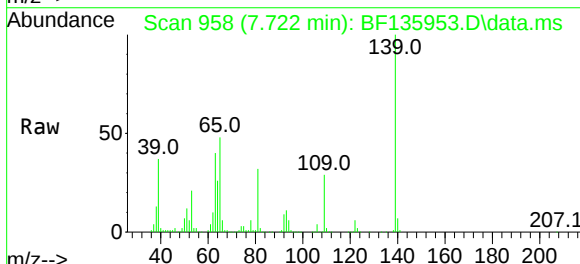
Tgt Ion: 82 Resp: 990012
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.1 14.8 22.2

Manual Integrations
APPROVED

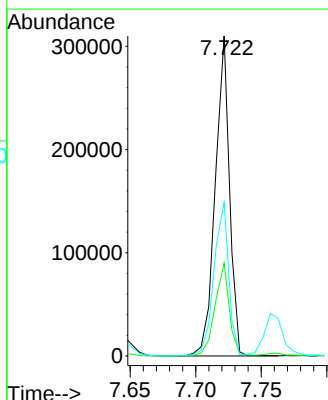
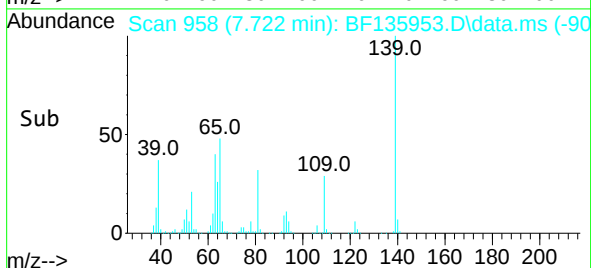
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

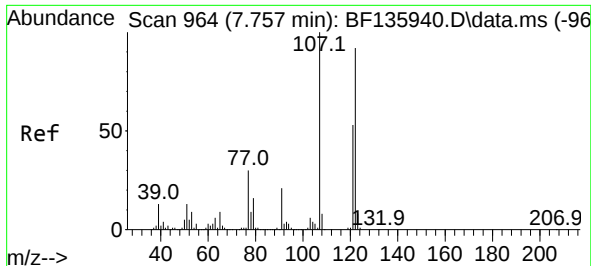


#26
2-Nitrophenol
Concen: 57.604 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:139 Resp: 234276
Ion Ratio Lower Upper
139 100
109 29.0 23.1 34.7
65 47.9 39.8 59.8





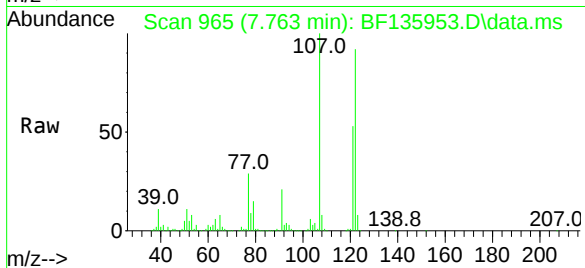
#27
2,4-Dimethylphenol
Concen: 47.294 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

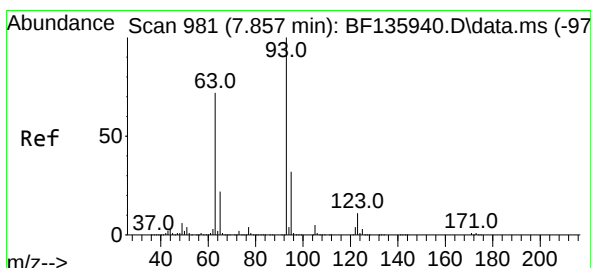
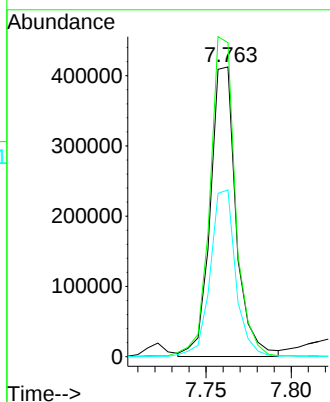
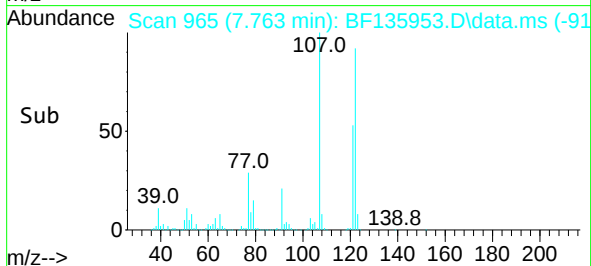


Tgt Ion:122 Resp: 435300
Ion Ratio Lower Upper
122 100
107 108.4 87.1 130.7
121 57.5 45.9 68.9

Manual Integrations

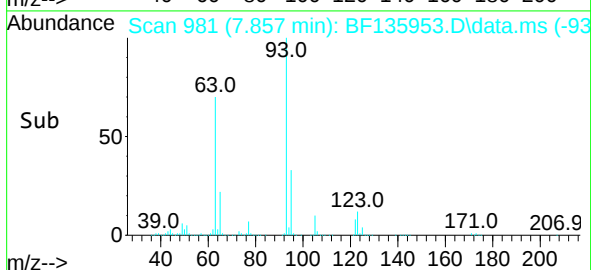
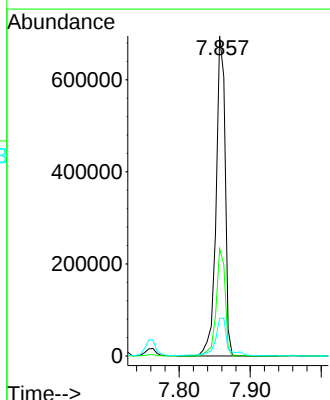
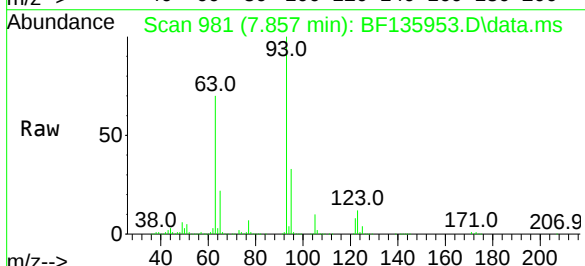
APPROVED

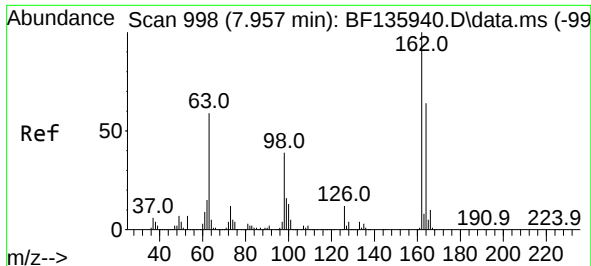
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.594 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 93 Resp: 615018
Ion Ratio Lower Upper
93 100
95 33.5 25.9 38.9
123 11.8 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 53.498 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

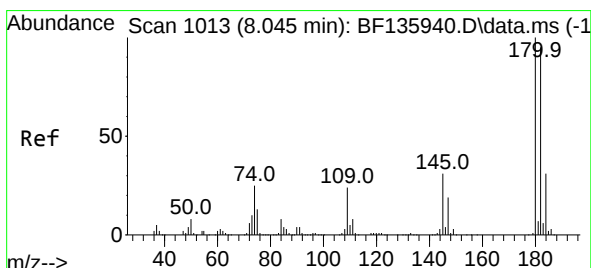
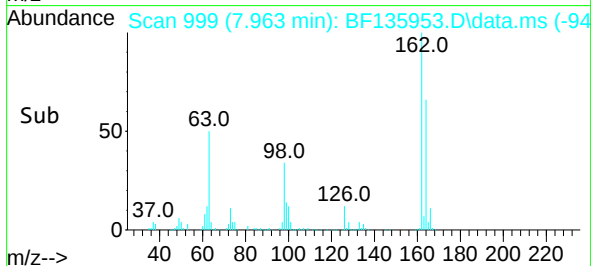
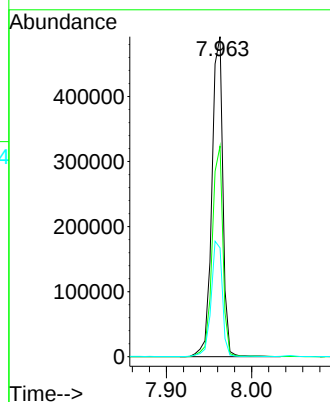
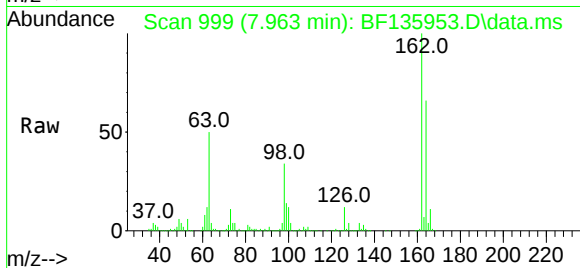
ClientSampleId :

PB156273BS

Tgt Ion:162 Resp: 440929
Ion Ratio Lower Upper
162 100
164 65.8 43.7 83.7
98 34.0 18.8 58.8

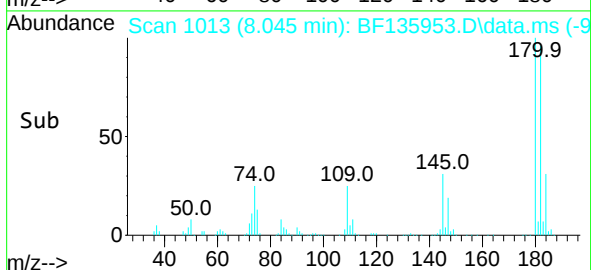
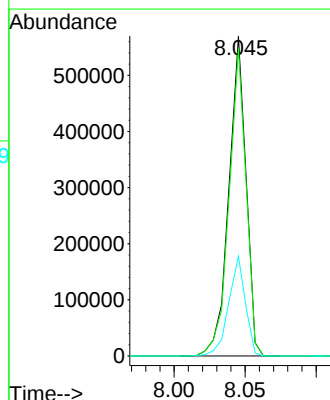
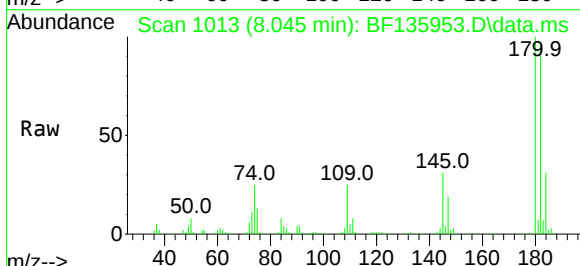
Manual Integrations
APPROVED

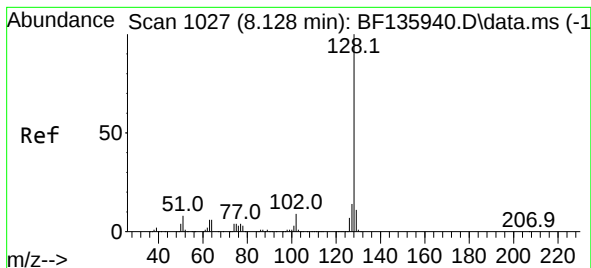
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 51.295 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:180 Resp: 478678
Ion Ratio Lower Upper
180 100
182 96.2 76.0 114.0
145 31.2 24.6 36.8





#31
Naphthalene
Concen: 49.034 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

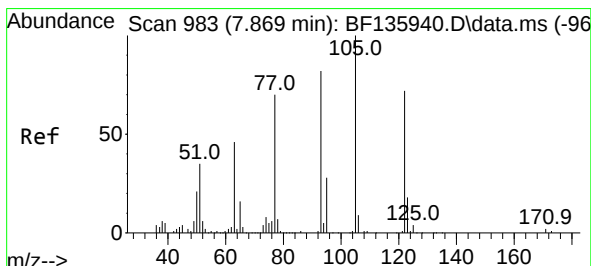
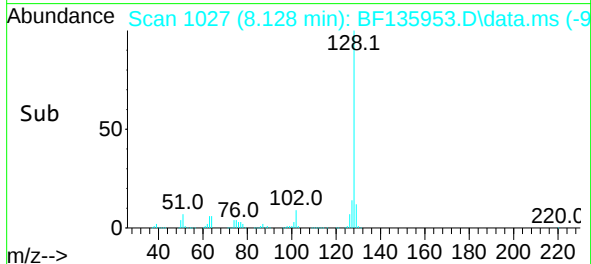
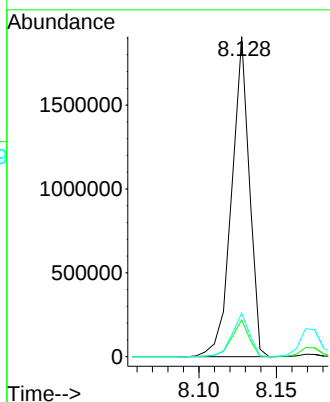
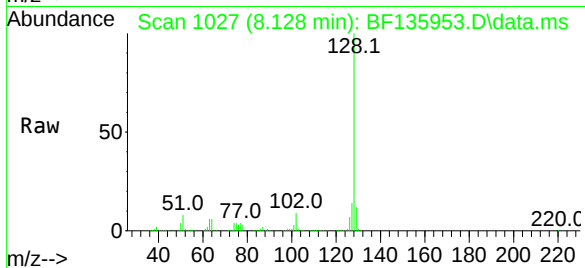
PB156273BS

Tgt Ion:128 Resp: 1514619
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.6 10.9 16.3

Manual Integrations

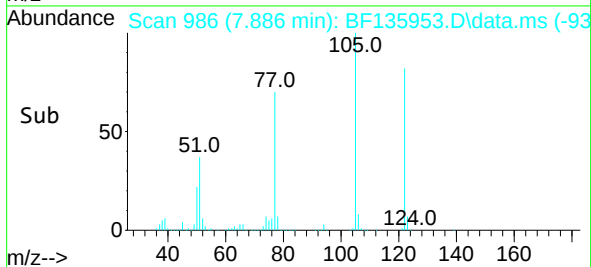
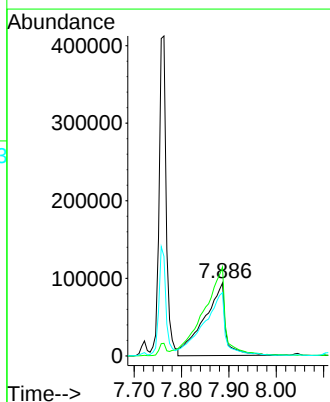
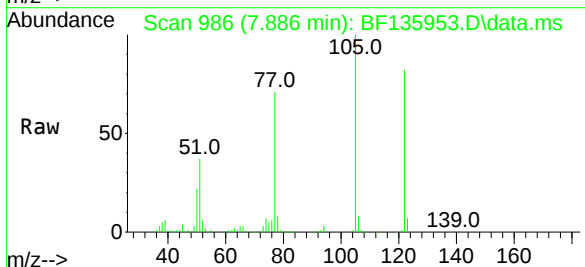
APPROVED

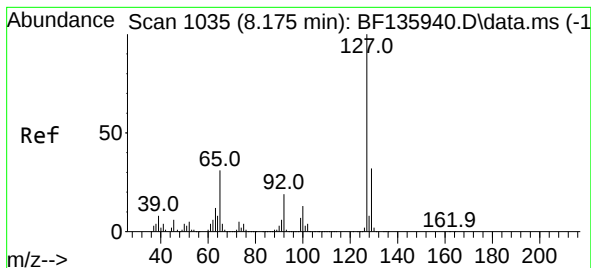
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 58.755 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.017 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:122 Resp: 295778
Ion Ratio Lower Upper
122 100
105 122.0 113.1 153.1
77 86.9 75.2 115.2





#33

4-Chloroaniline

Concen: 12.771 ng

RT: 8.169 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

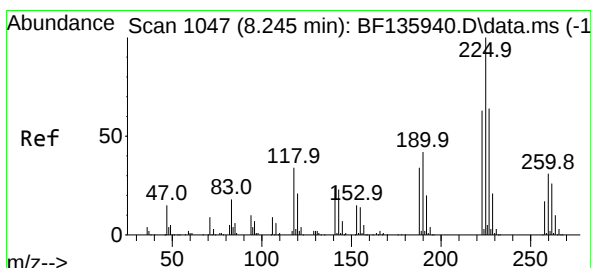
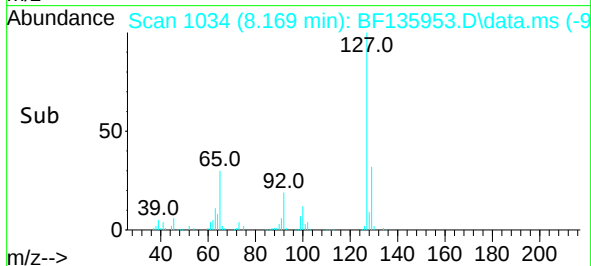
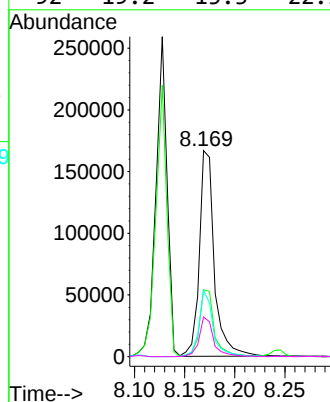
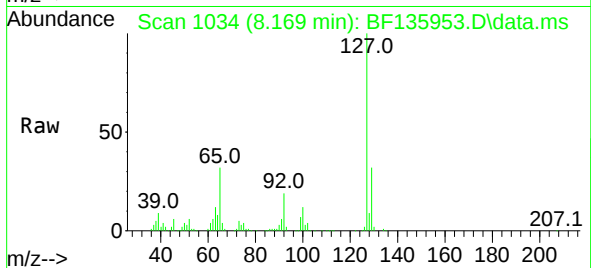
Tgt Ion:	127	Resp:	174354
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.7	38.5
65	32.3	24.8	37.2
92	19.2	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#34

Hexachlorobutadiene

Concen: 50.551 ng

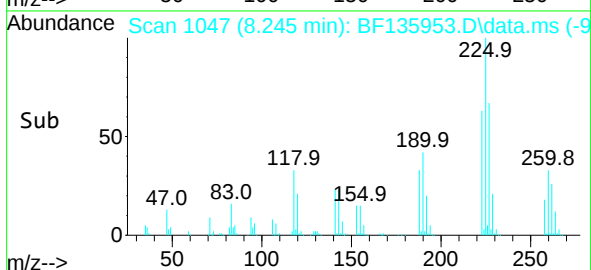
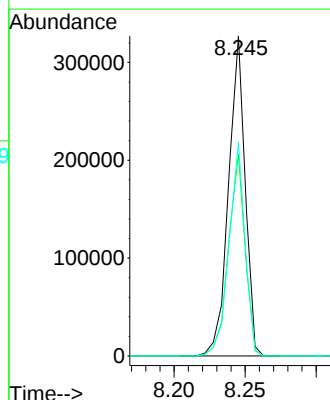
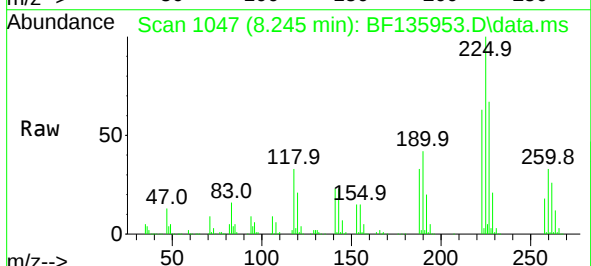
RT: 8.245 min Scan# 1047

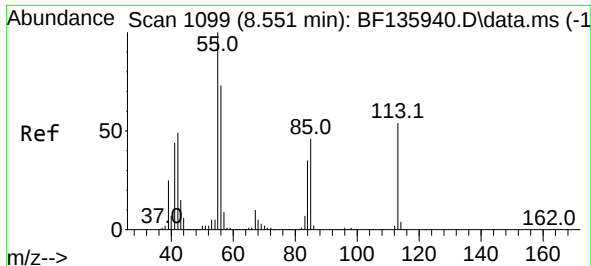
Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Tgt Ion:	225	Resp:	265891
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.6	75.8
227	66.8	50.9	76.3





#35
Caprolactam
Concen: 56.683 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

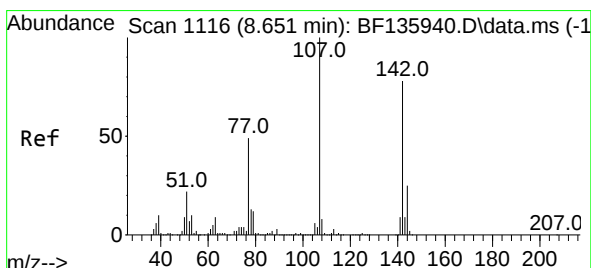
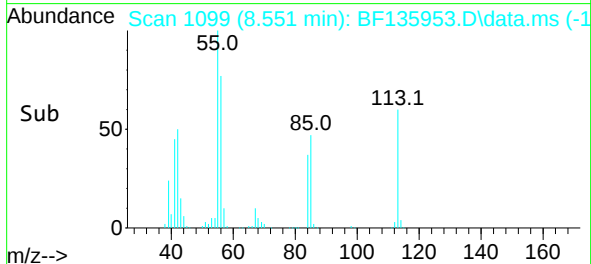
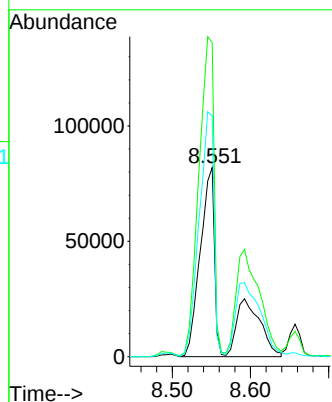
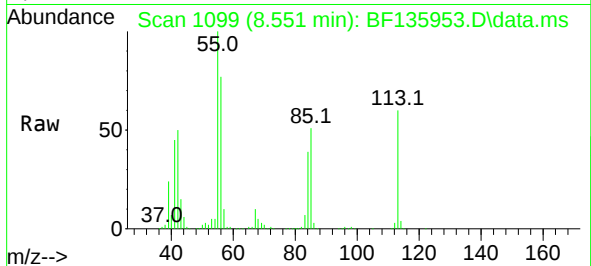
ClientSampleId :

PB156273BS

Tgt Ion:113 Resp: 155468
Ion Ratio Lower Upper
113 100
55 166.0 165.4 205.4
56 127.3 115.2 155.2

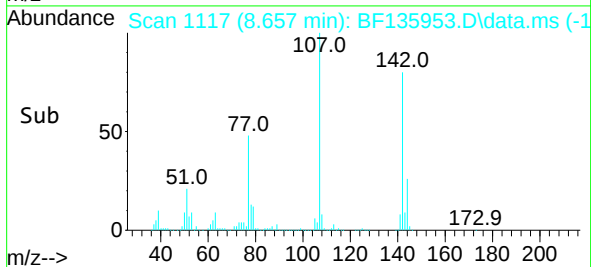
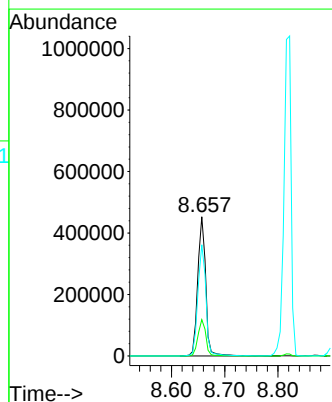
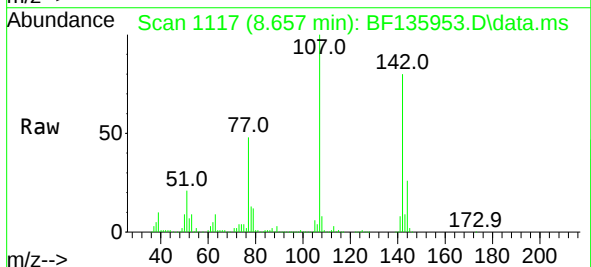
Manual Integrations
APPROVED

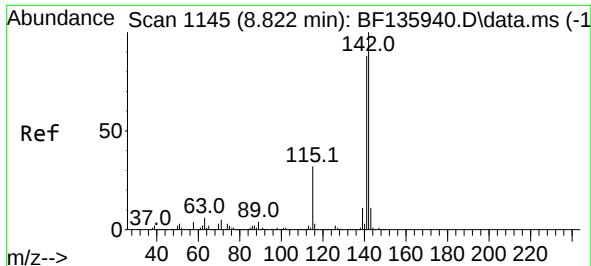
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#36
4-Chloro-3-methylphenol
Concen: 53.878 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:107 Resp: 471904
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 79.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 47.265 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion:142 Resp: 965962

Ion Ratio Lower Upper

142 100

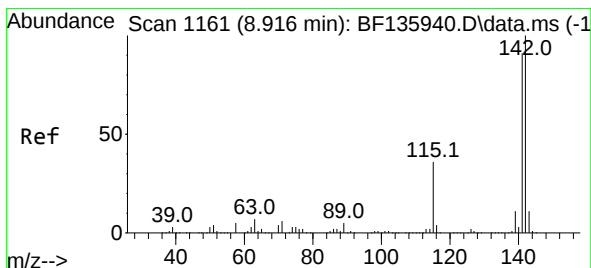
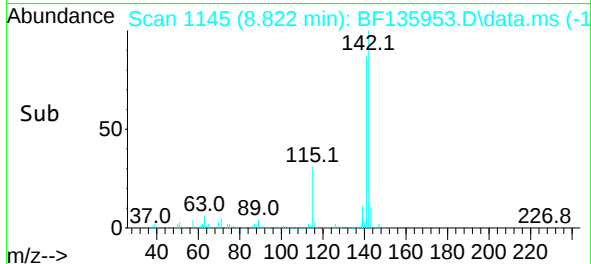
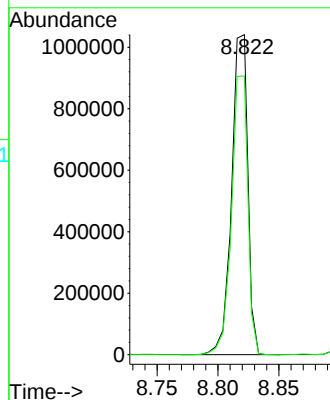
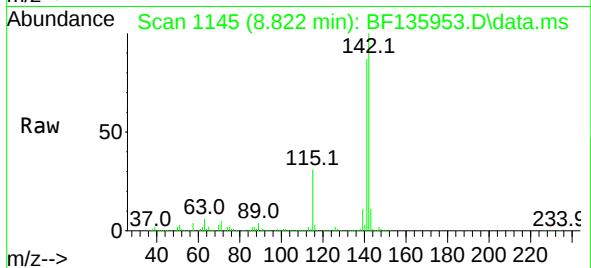
141 87.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 48.651 ng

RT: 8.916 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF135953.D

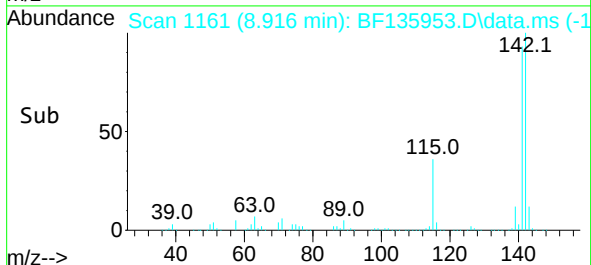
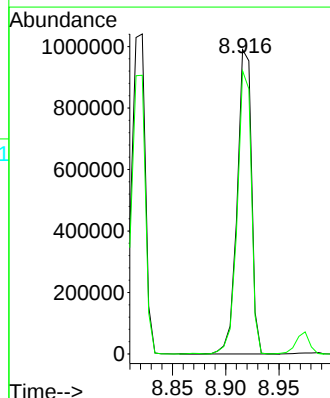
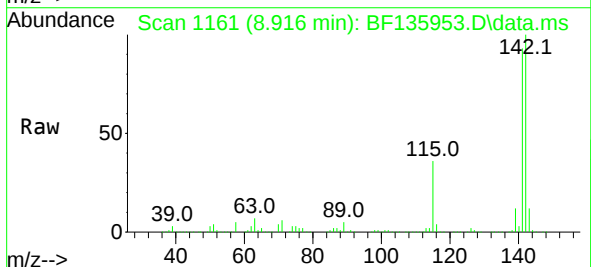
Acq: 25 Oct 2023 21:30

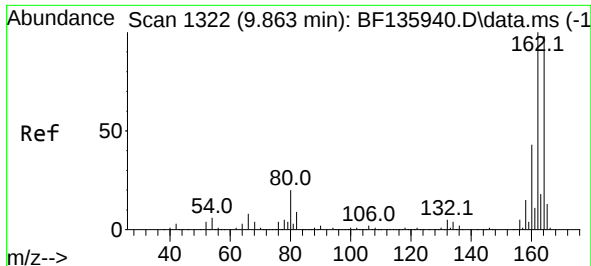
Tgt Ion:142 Resp: 929067

Ion Ratio Lower Upper

142 100

141 93.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF135953.D

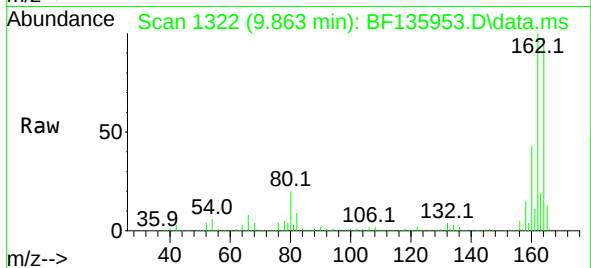
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



Tgt Ion:164 Resp: 325712

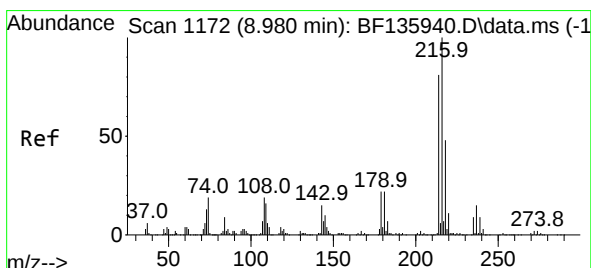
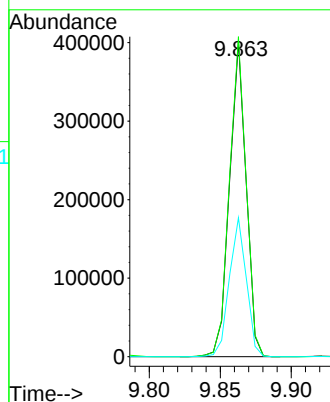
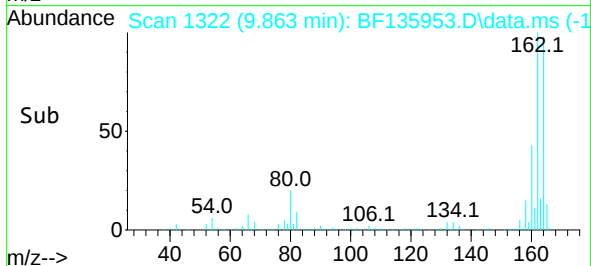
Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.0	123.0
160	44.1	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.548 ng

RT: 8.986 min Scan# 1173

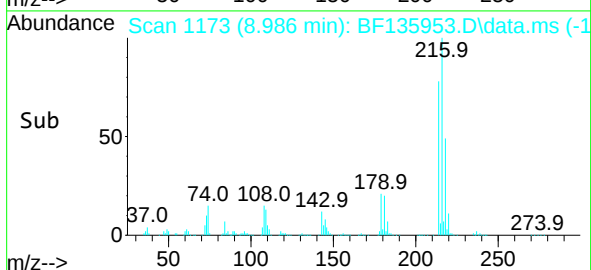
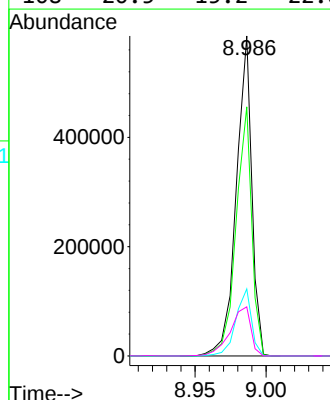
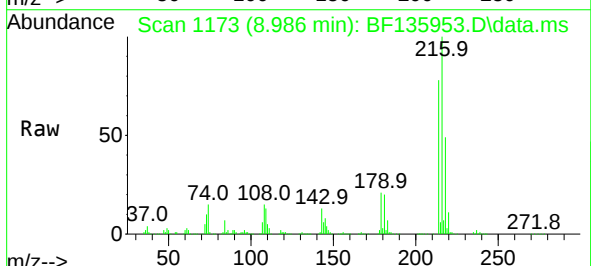
Delta R.T. 0.006 min

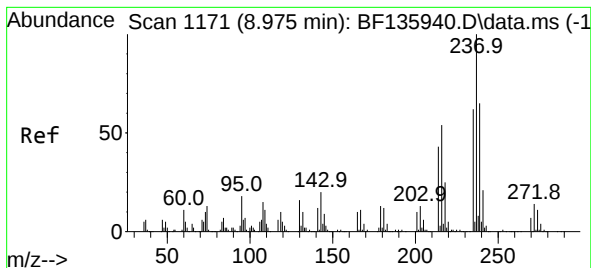
Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Tgt Ion:216 Resp: 446613

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.3	94.9
179	21.2	17.3	25.9
108	20.5	15.2	22.8





#41

Hexachlorocyclopentadiene

Concen: 114.713 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion:237 Resp: 520350

Ion Ratio Lower Upper

237 100

235 64.2 41.7 81.7

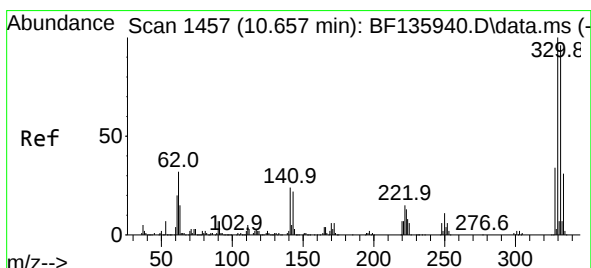
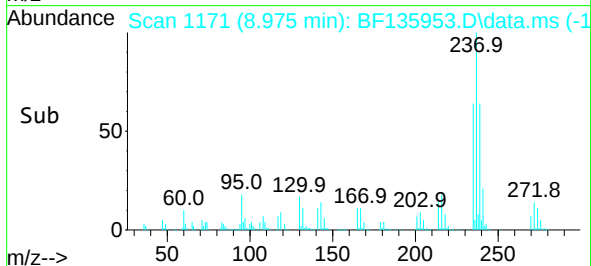
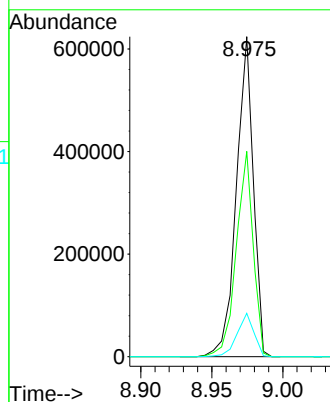
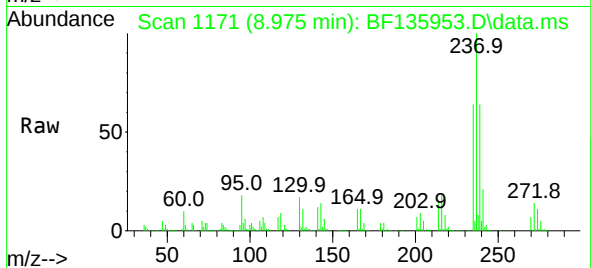
272 13.6 0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#42

2,4,6-Tribromophenol

Concen: 172.175 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

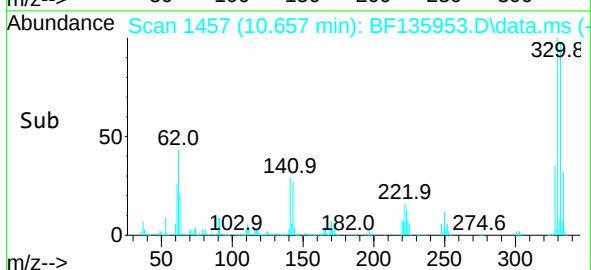
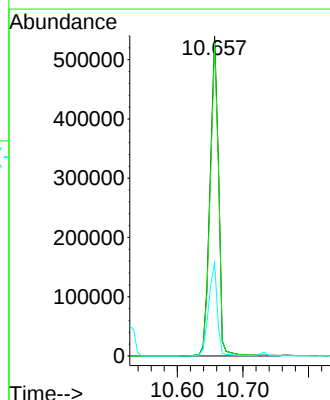
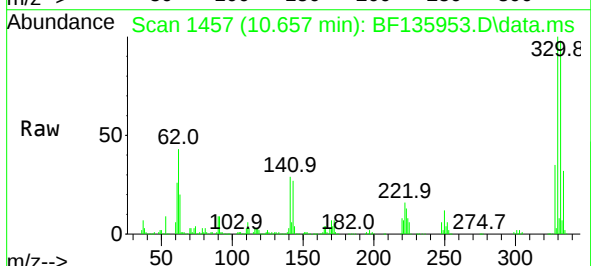
Tgt Ion:330 Resp: 490863

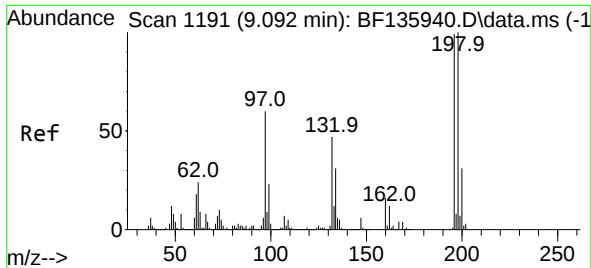
Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

141 29.6 24.9 37.3





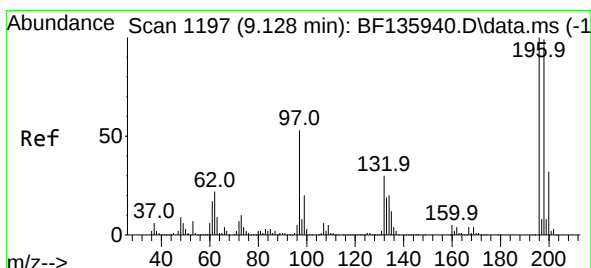
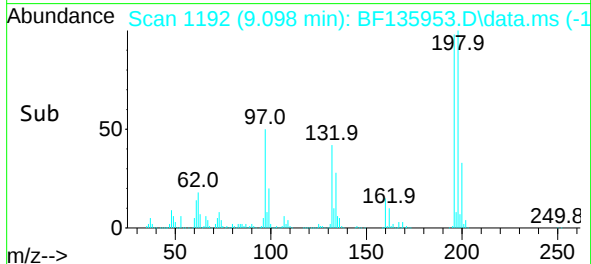
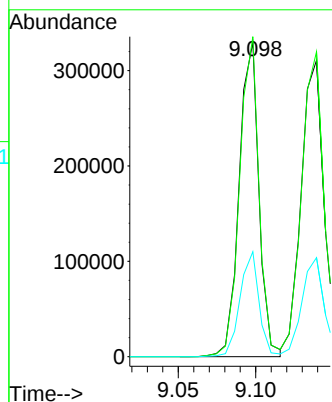
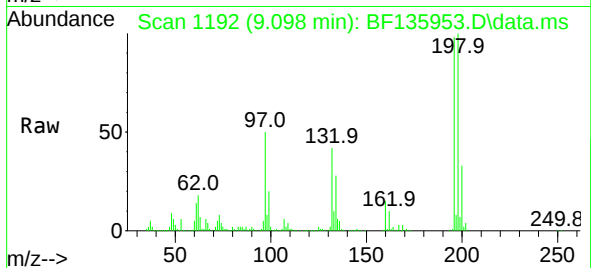
#43
2,4,6-Trichlorophenol
Concen: 54.356 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :
BNA_F
ClientSampleId :
PB156273BS

Tgt Ion:196 Resp: 292672
Ion Ratio Lower Upper
196 100
198 101.9 81.0 121.4
200 33.4 25.4 38.0

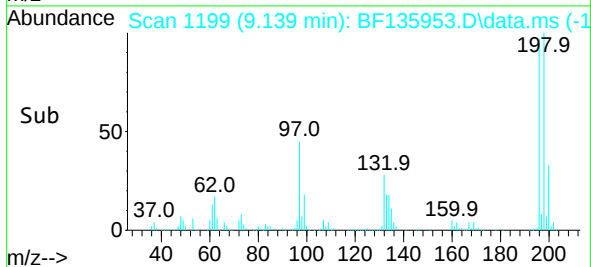
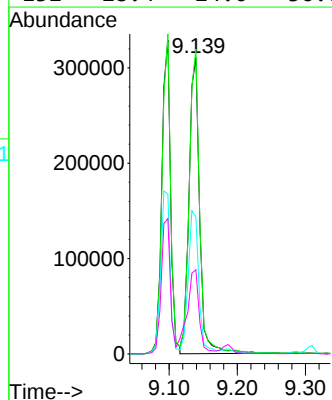
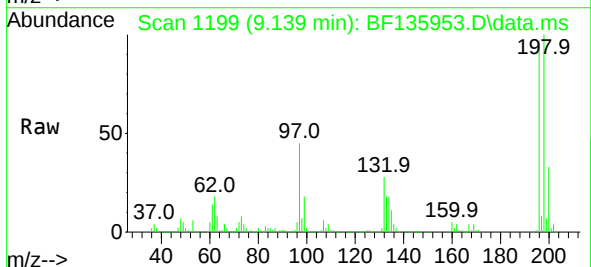
Manual Integrations
APPROVED

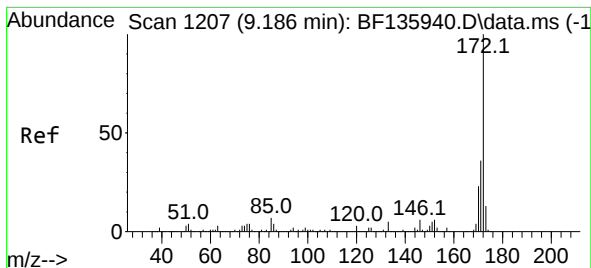
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#44
2,4,5-Trichlorophenol
Concen: 52.236 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:196 Resp: 333940
Ion Ratio Lower Upper
196 100
198 102.9 79.1 118.7
97 46.2 42.3 63.5
132 28.4 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 91.677 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF135953.D

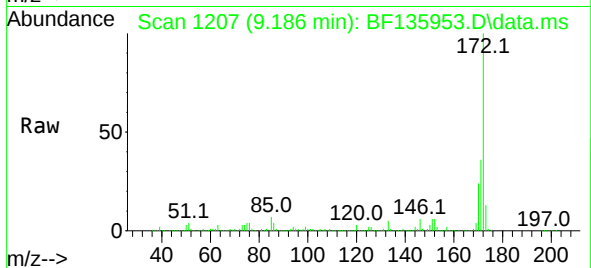
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



Tgt Ion:172 Resp: 1864804

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

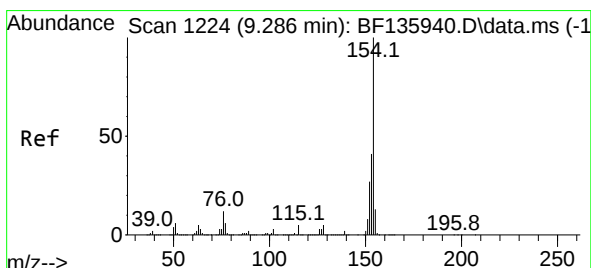
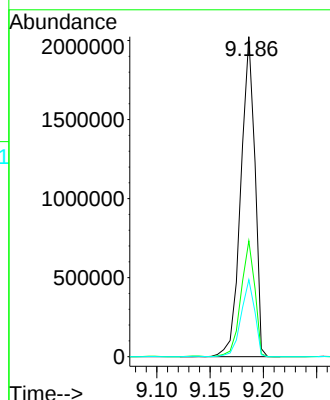
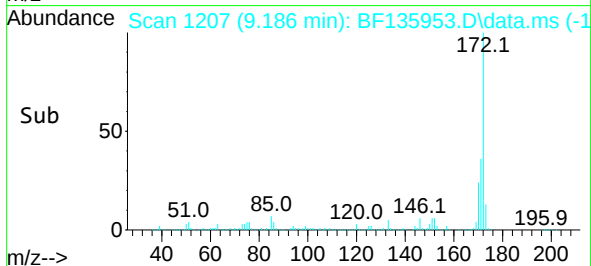
170 24.1 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#46

1,1'-Biphenyl

Concen: 49.194 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

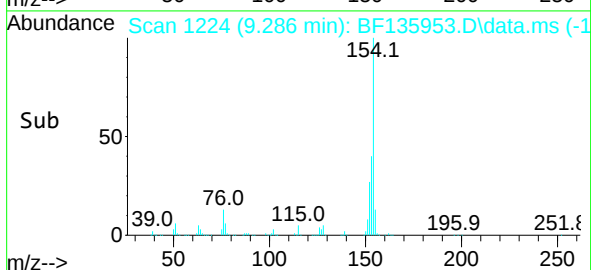
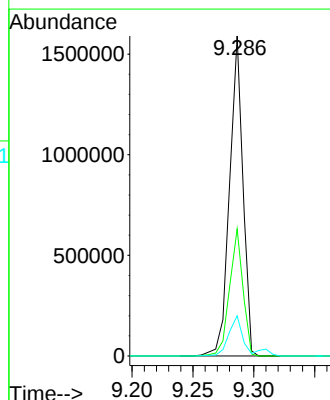
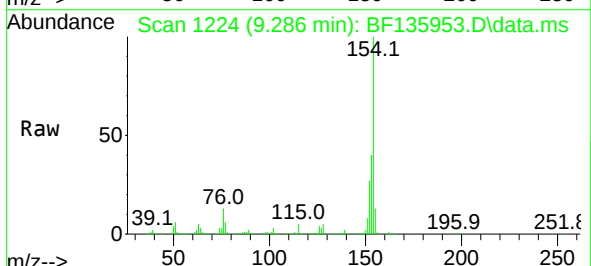
Tgt Ion:154 Resp: 1214122

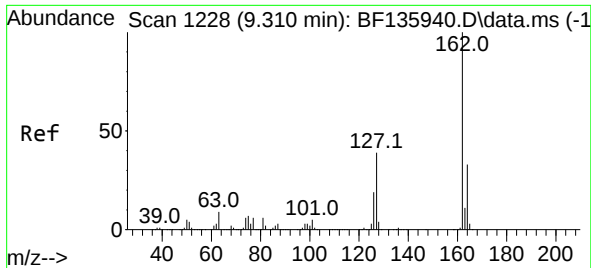
Ion Ratio Lower Upper

154 100

153 39.7 20.7 60.7

76 12.5 0.0 32.4





#47
2-Chloronaphthalene
Concen: 50.560 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

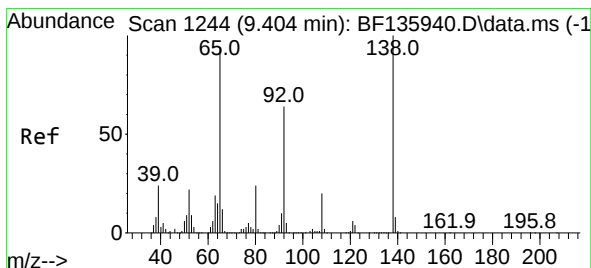
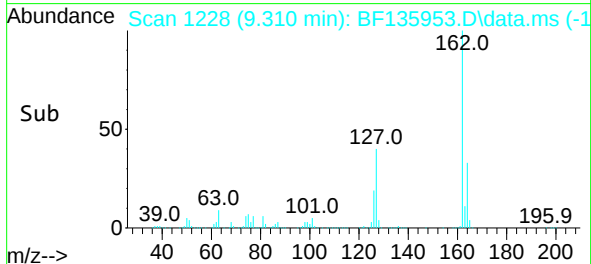
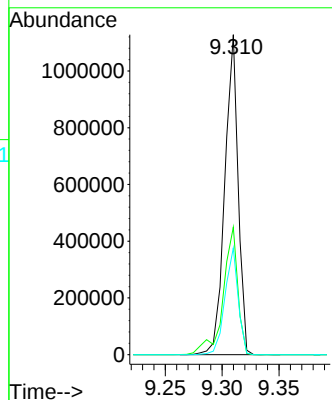
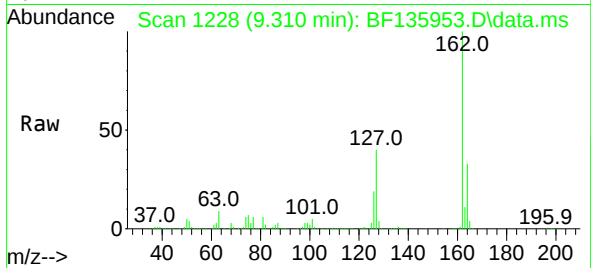
ClientSampleId :

PB156273BS

Tgt Ion:162 Resp: 922970
Ion Ratio Lower Upper
162 100
127 39.8 31.0 46.4
164 33.3 26.6 39.8

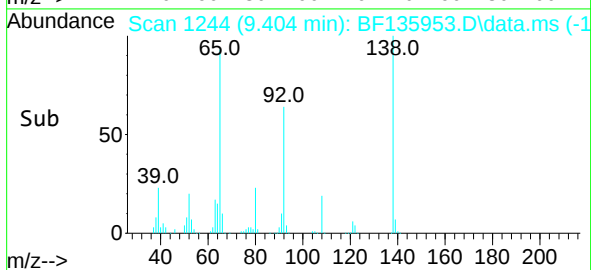
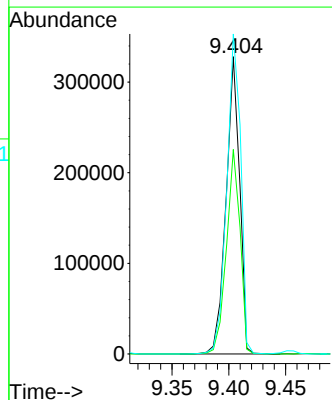
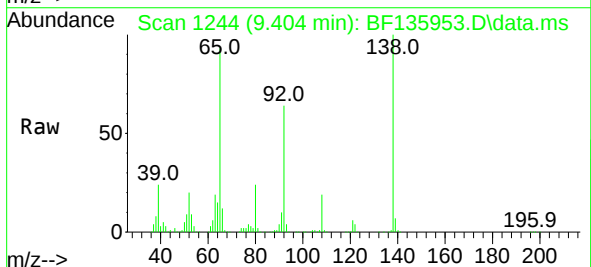
Manual Integrations
APPROVED

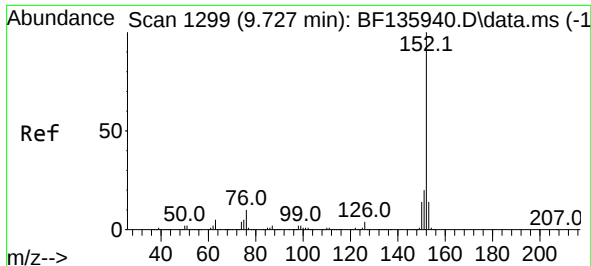
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48
2-Nitroaniline
Concen: 53.346 ng
RT: 9.404 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion: 65 Resp: 272929
Ion Ratio Lower Upper
65 100
92 68.8 54.9 82.3
138 107.6 85.2 127.8





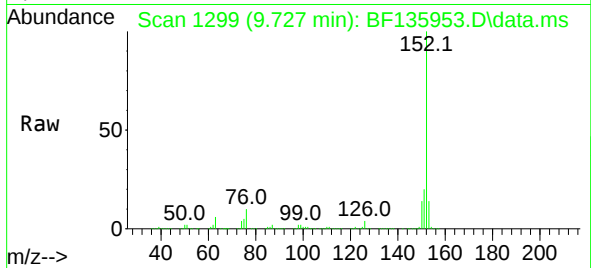
#49
Acenaphthylene
Concen: 51.006 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



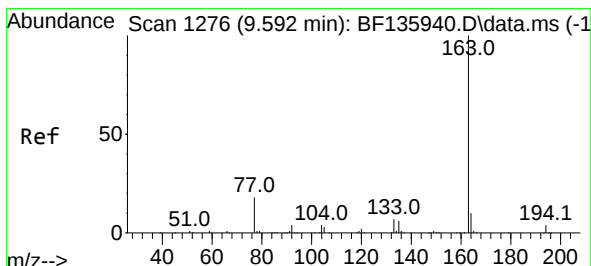
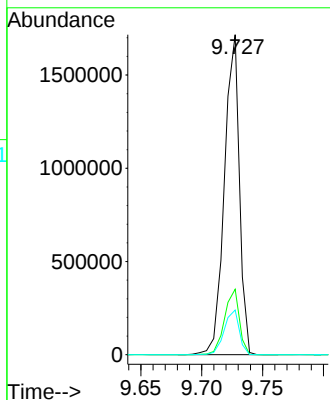
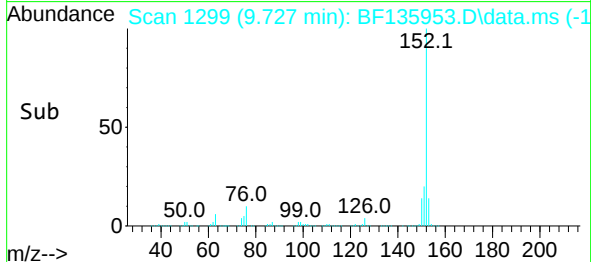
Tgt Ion:152 Resp: 1468929
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.0 11.0 16.6

Manual Integrations

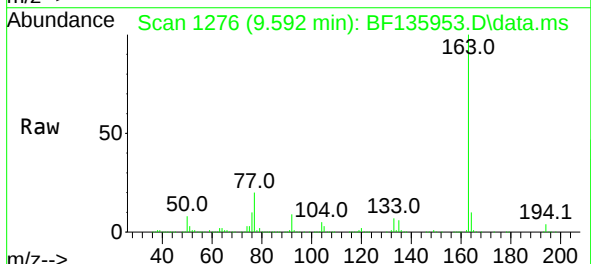
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

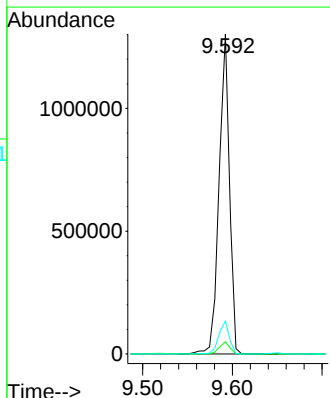
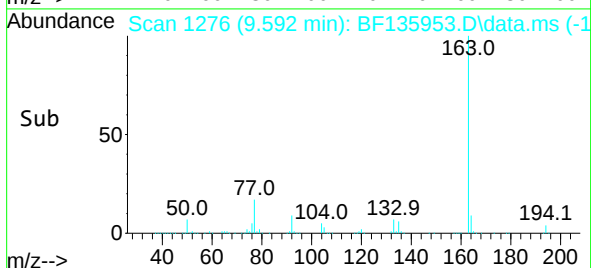
Supervised By :mohammad ahmed 10/26/2023

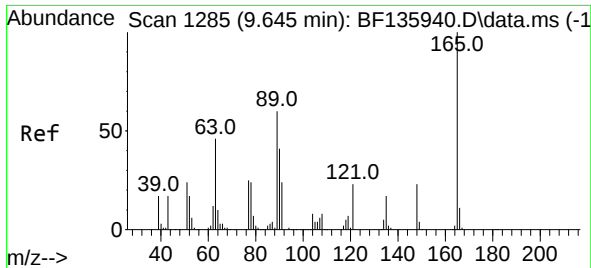


#50
Dimethylphthalate
Concen: 49.600 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



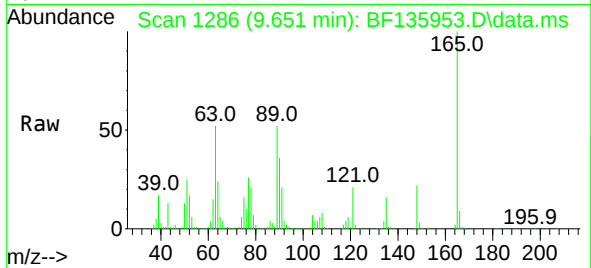
Tgt Ion:163 Resp: 1047670
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 53.419 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

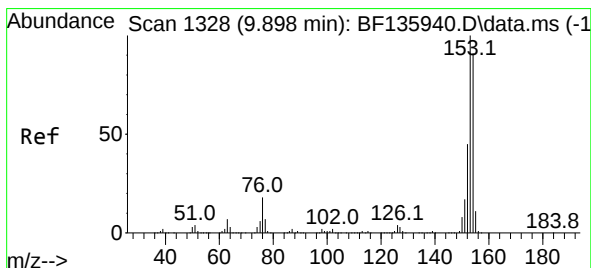
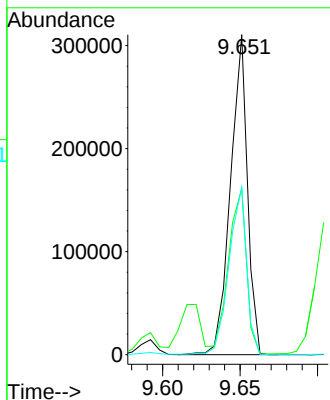
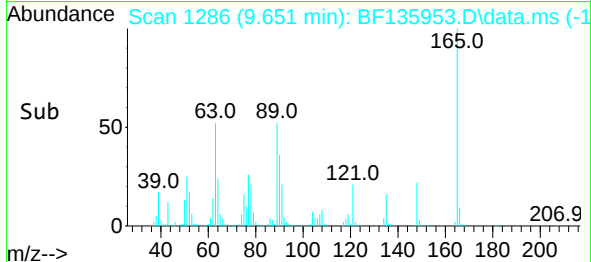
Instrument :
BNA_F
ClientSampleId :
PB156273BS



Tgt Ion:165 Resp: 236594
Ion Ratio Lower Upper
165 100
63 51.8 51.7 77.5
89 52.4 48.3 72.5

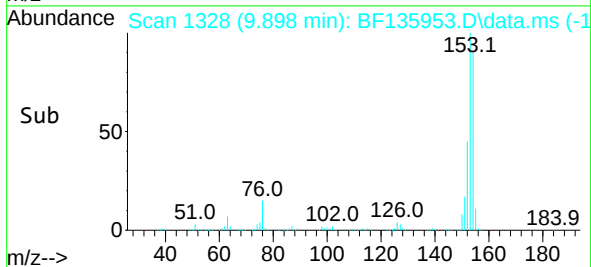
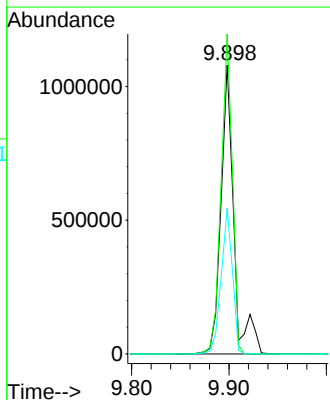
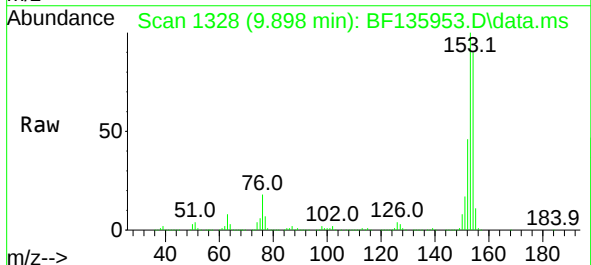
Manual Integrations
APPROVED

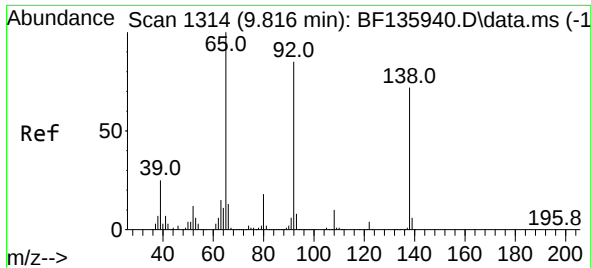
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 53.577 ng m
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:154 Resp: 988846
Ion Ratio Lower Upper
154 100
153 110.8 88.0 132.0
152 50.4 39.4 59.2





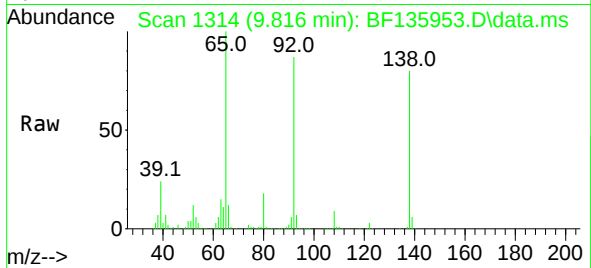
#53
3-Nitroaniline
Concen: 33.380 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



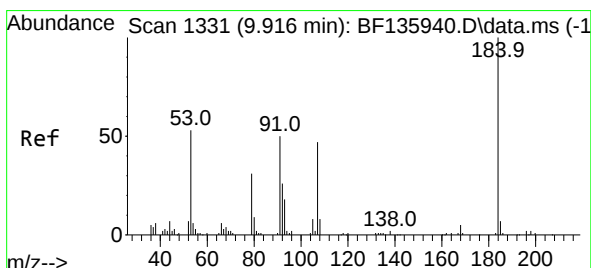
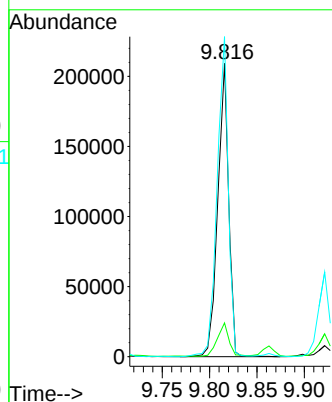
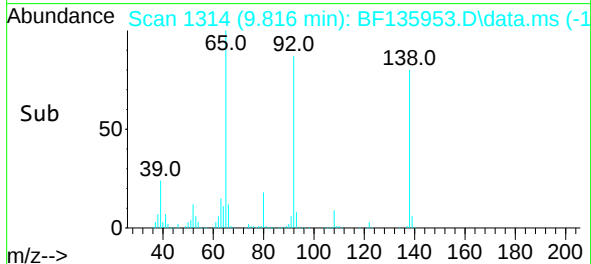
Tgt Ion:138 Resp: 166860
Ion Ratio Lower Upper
138 100
108 11.5 11.3 16.9
92 109.2 95.0 142.6

Manual Integrations

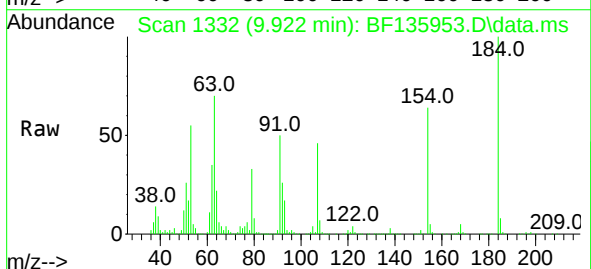
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

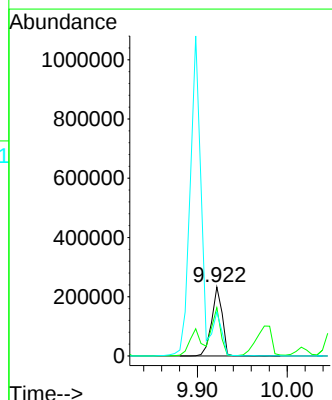
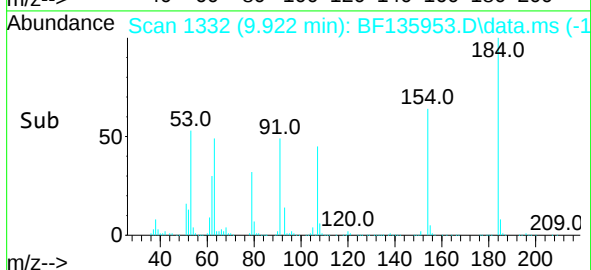
Supervised By :mohammad ahmed 10/26/2023

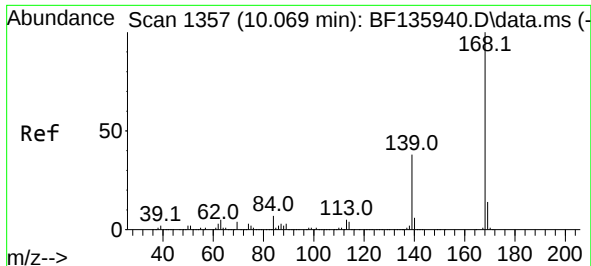


#54
2,4-Dinitrophenol
Concen: 96.789 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



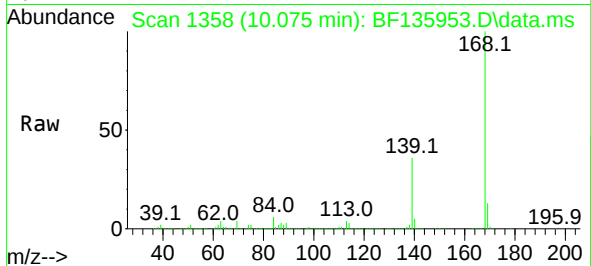
Tgt Ion:184 Resp: 190800
Ion Ratio Lower Upper
184 100
63 70.2 56.3 84.5
154 63.7 48.1 72.1





#55
Dibenzenofuran
Concen: 48.686 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

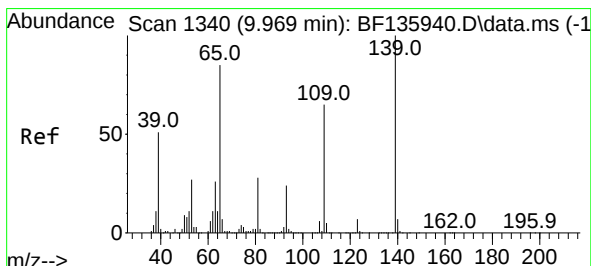
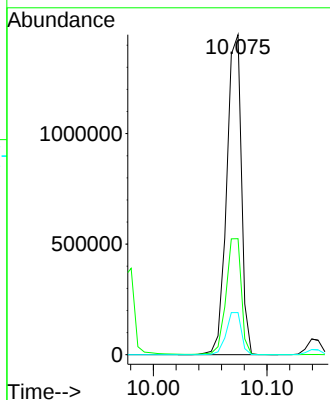
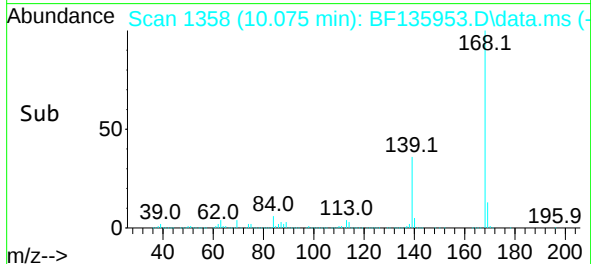
Instrument :
BNA_F
ClientSampleId :
PB156273BS



Tgt Ion:168 Resp: 129812
Ion Ratio Lower Upper
168 100
139 36.3 30.7 46.1
169 13.1 11.1 16.7

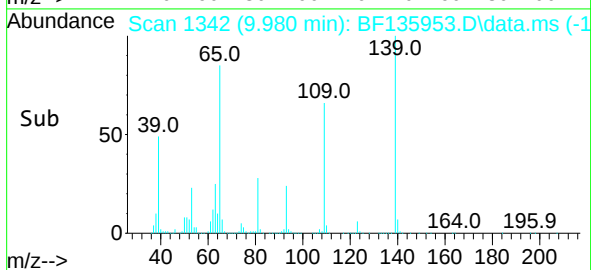
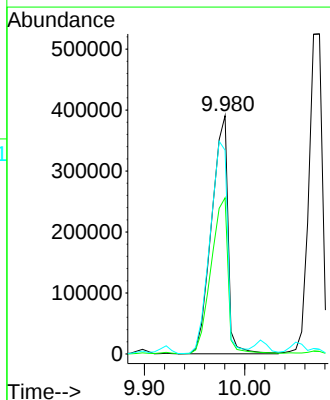
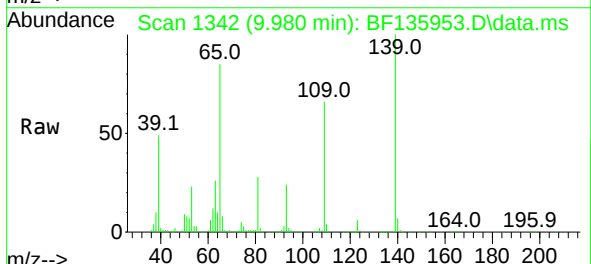
Manual Integrations
APPROVED

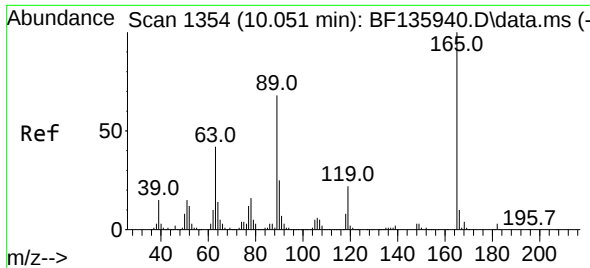
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 102.363 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:139 Resp: 444157
Ion Ratio Lower Upper
139 100
109 65.5 45.2 85.2
65 85.5 65.1 105.1





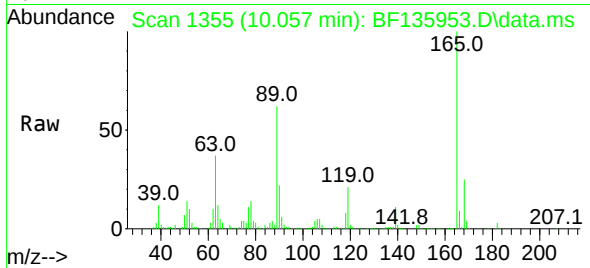
#57
2,4-Dinitrotoluene
Concen: 57.341 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

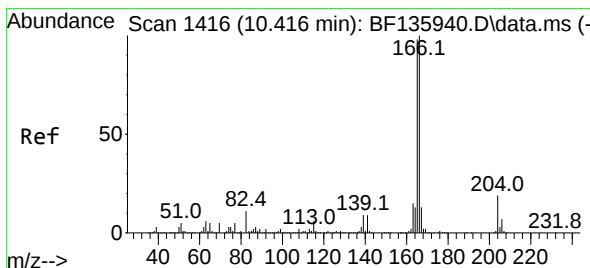
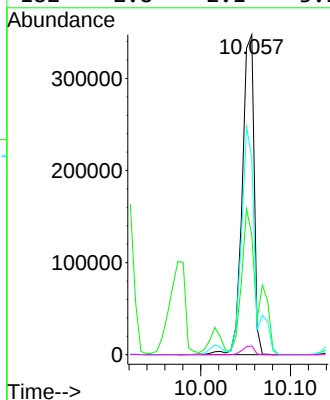
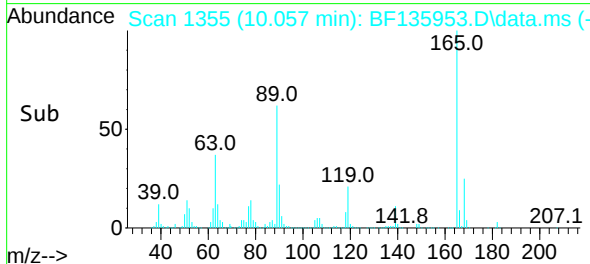


Tgt Ion:165 Resp: 317804
Ion Ratio Lower Upper
165 100
63 37.3 33.7 50.5
89 61.6 54.6 81.8
182 2.8 2.1 3.1

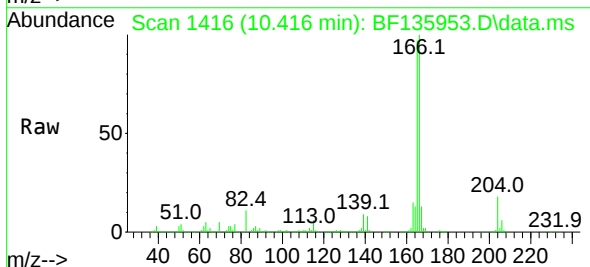
Manual Integrations

APPROVED

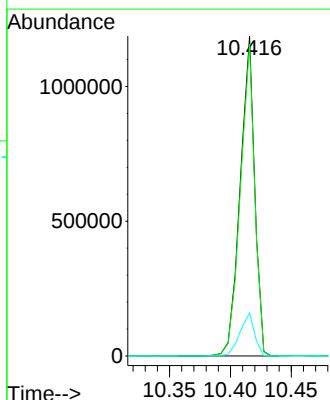
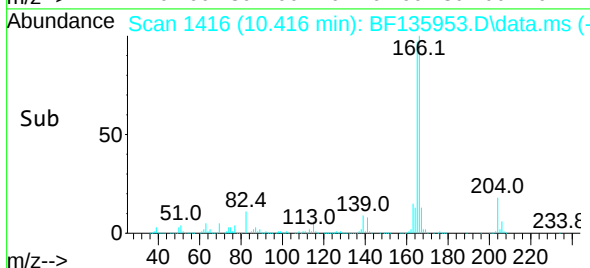
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

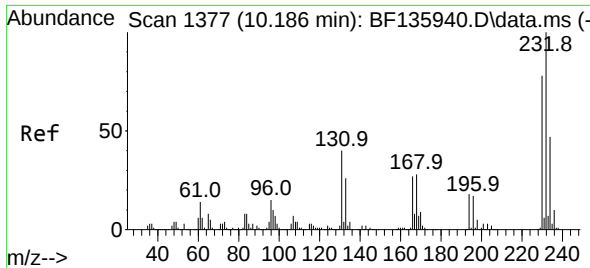


#58
Fluorene
Concen: 49.188 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



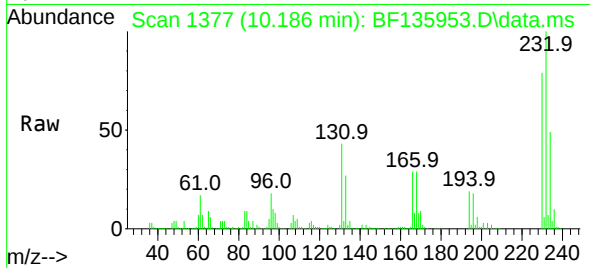
Tgt Ion:166 Resp: 981204
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.157 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

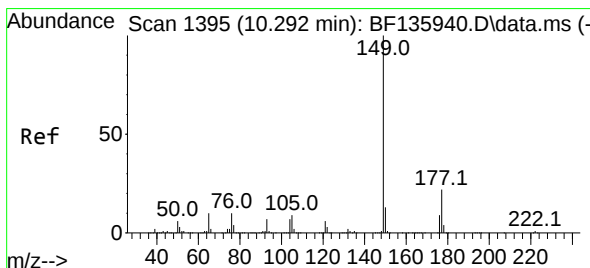
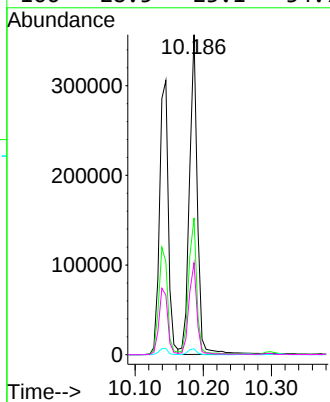
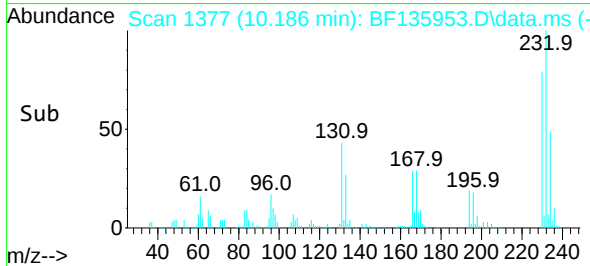
Instrument :
BNA_F
ClientSampleId :
PB156273BS



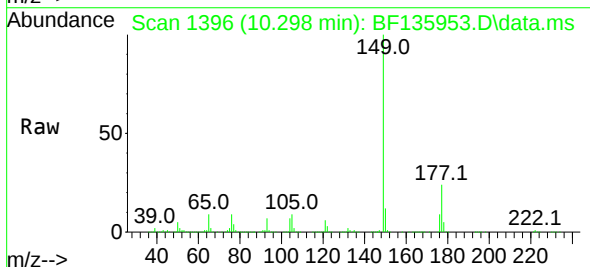
Tgt Ion:232 Resp: 284579
Ion Ratio Lower Upper
232 100
131 42.8 35.2 52.8
130 2.1 1.7 2.5
166 28.5 23.1 34.7

Manual Integrations
APPROVED

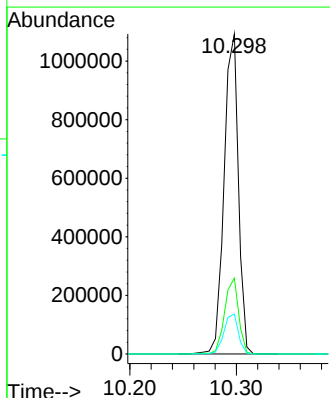
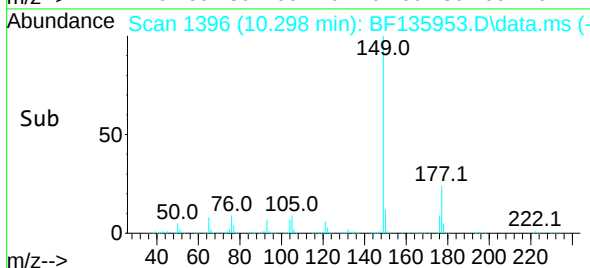
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

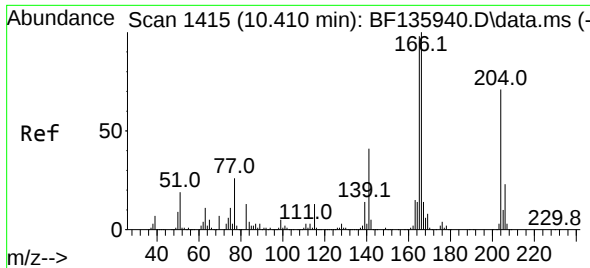


#60
Diethylphthalate
Concen: 50.236 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



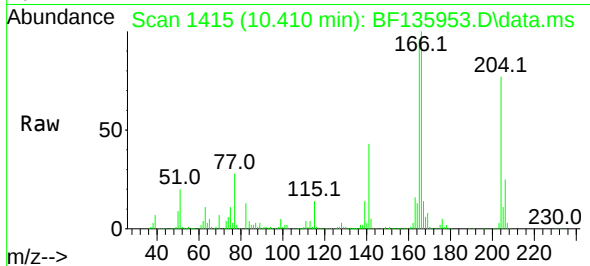
Tgt Ion:149 Resp: 1011852
Ion Ratio Lower Upper
149 100
177 23.7 17.9 26.9
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.638 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

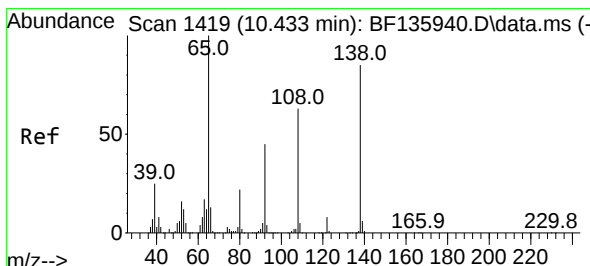
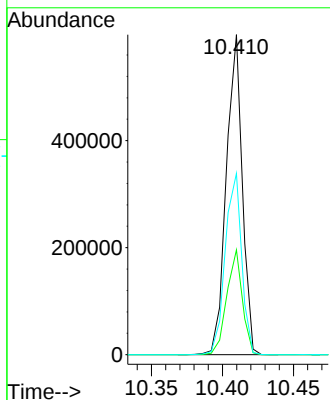
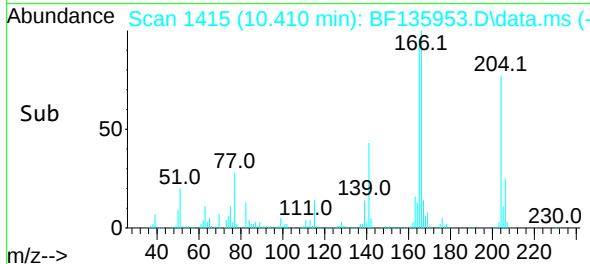
Instrument :
BNA_F
ClientSampleId :
PB156273BS



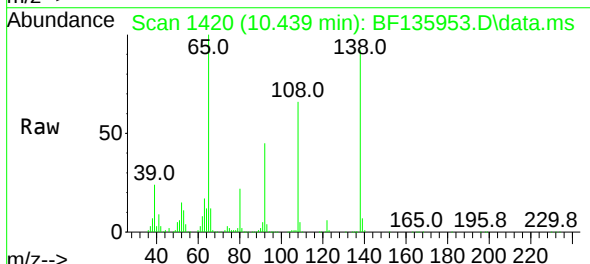
Tgt Ion:204 Resp: 468020
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 56.7 46.2 69.2

Manual Integrations
APPROVED

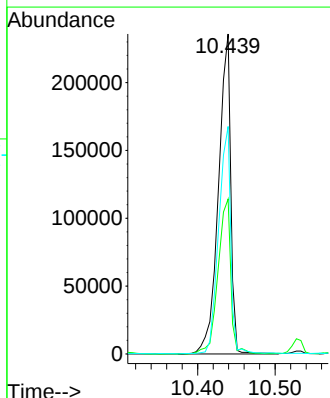
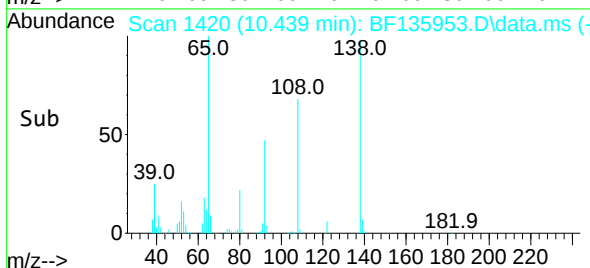
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

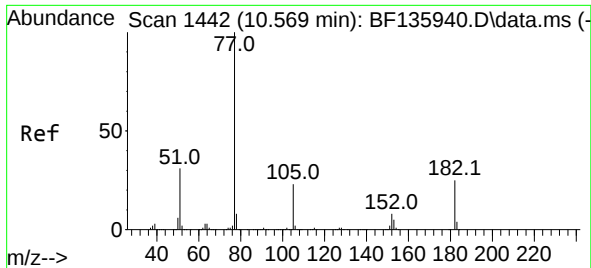


#62
4-Nitroaniline
Concen: 49.938 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:138 Resp: 260168
Ion Ratio Lower Upper
138 100
92 48.4 32.9 72.9
108 71.1 53.5 93.5





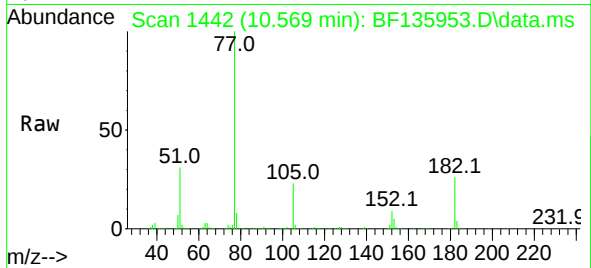
#63
Azobenzene
Concen: 49.013 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



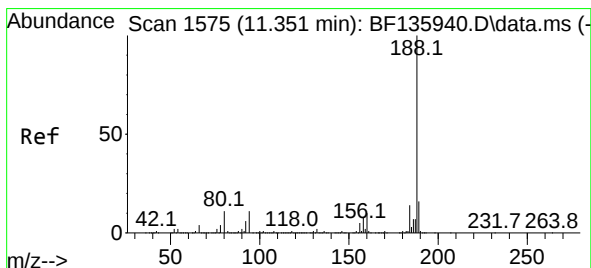
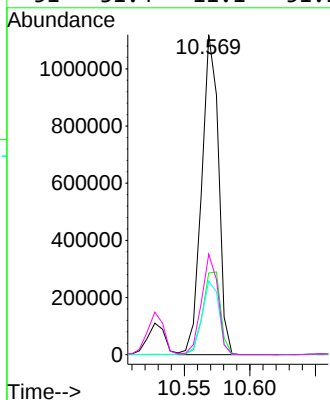
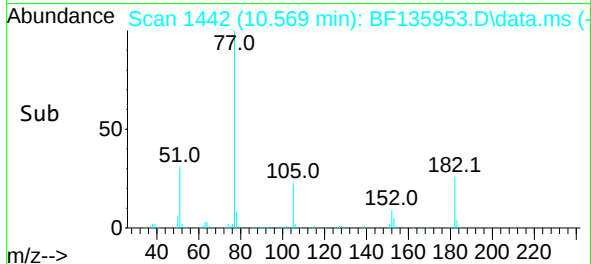
Tgt Ion: 77 Resp: 100184
Ion Ratio Lower Upper
77 100
182 25.6 5.1 45.1
105 23.0 2.8 42.8
51 31.4 11.1 51.1

Manual Integrations

APPROVED

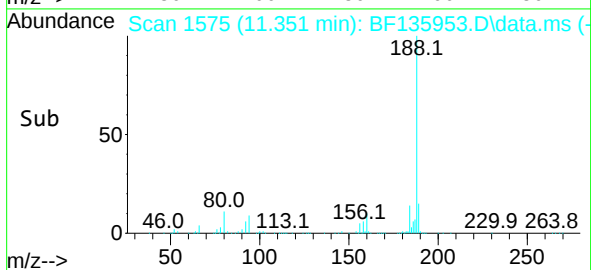
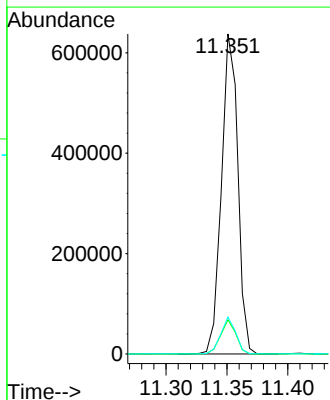
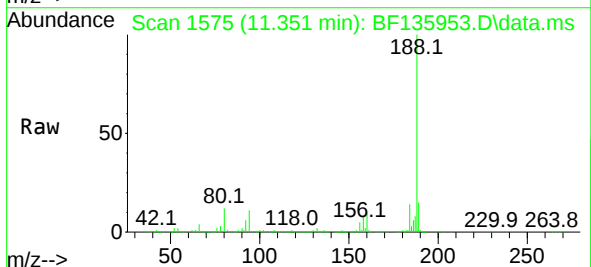
Reviewed By :Yogesh Patel 10/26/2023

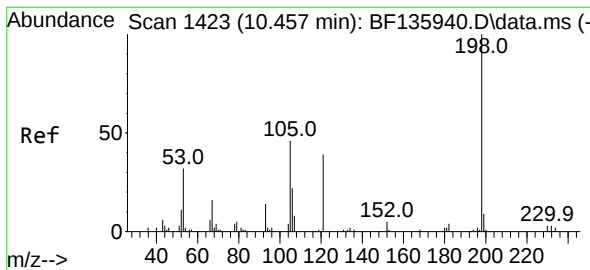
Supervised By :mohammad ahmed 10/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:188 Resp: 595665
Ion Ratio Lower Upper
188 100
94 10.7 8.6 13.0
80 11.5 9.0 13.6





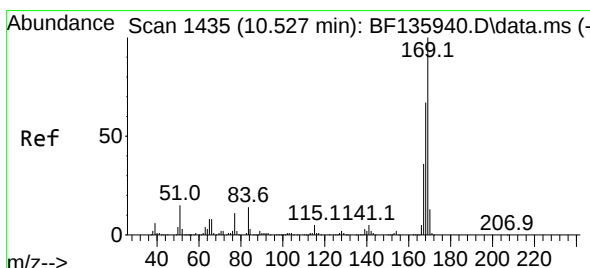
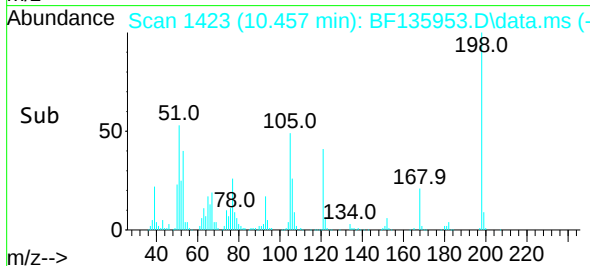
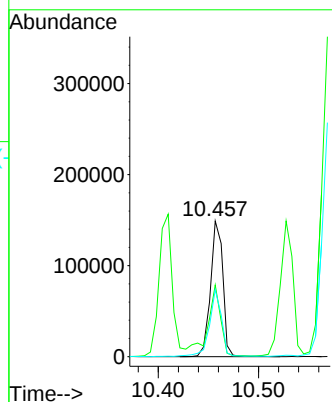
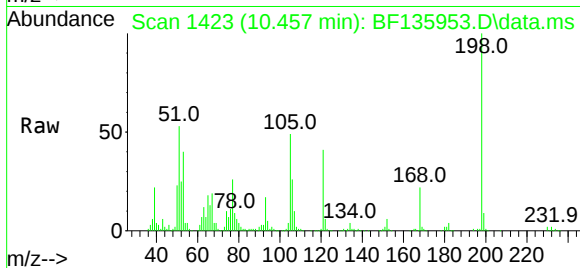
#65
4,6-Dinitro-2-methylphenol
Concen: 59.041 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :
BNA_F
ClientSampleId :
PB156273BS

Tgt Ion:198 Resp: 127509
Ion Ratio Lower Upper
198 100
51 52.9 28.7 68.7
105 49.5 27.2 67.2

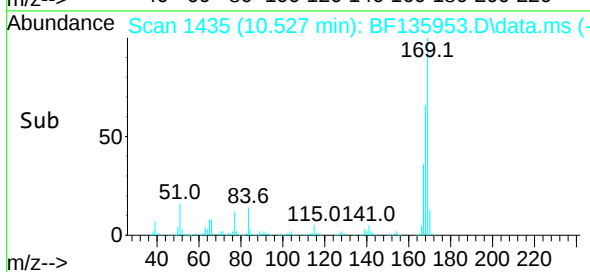
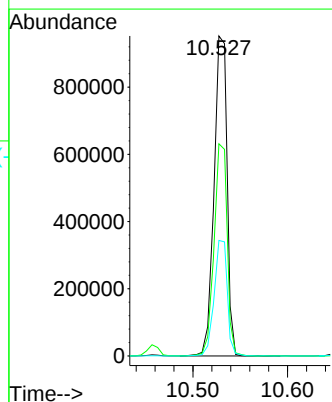
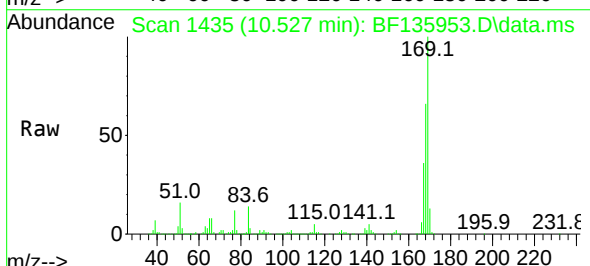
Manual Integrations
APPROVED

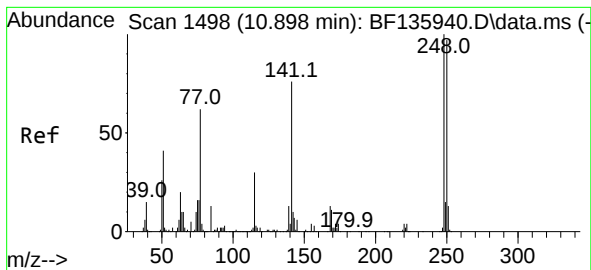
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#66
n-Nitrosodiphenylamine
Concen: 50.507 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:169 Resp: 908872
Ion Ratio Lower Upper
169 100
168 66.3 53.5 80.3
167 36.1 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.320 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

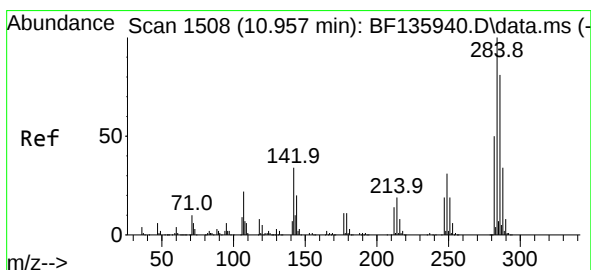
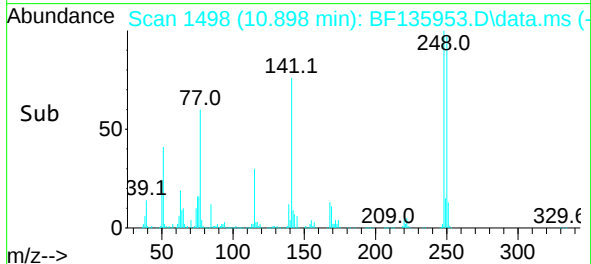
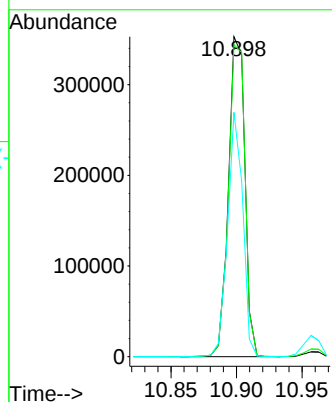
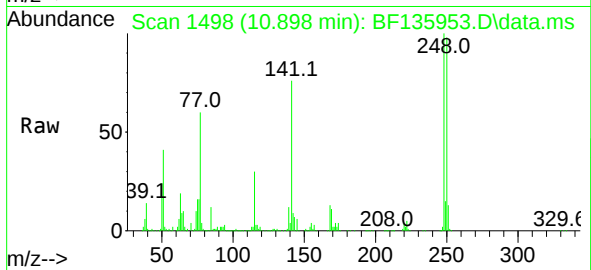
ClientSampleId :

PB156273BS

Tgt Ion:248 Resp: 30696
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 76.4 60.8 91.2

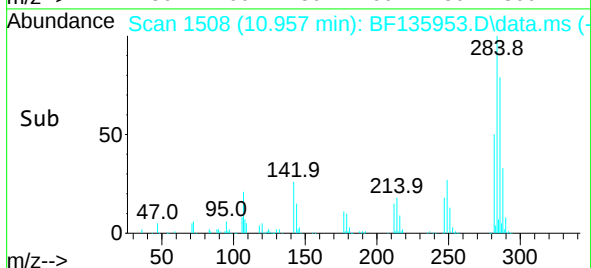
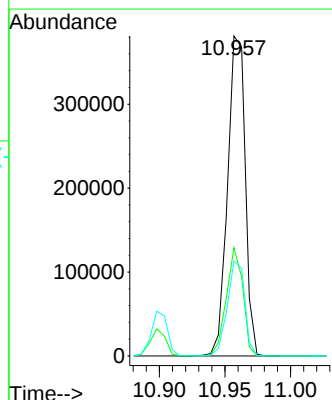
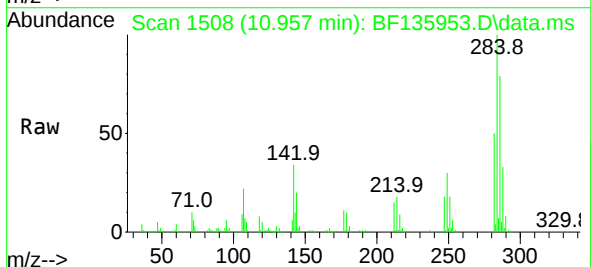
Manual Integrations
APPROVED

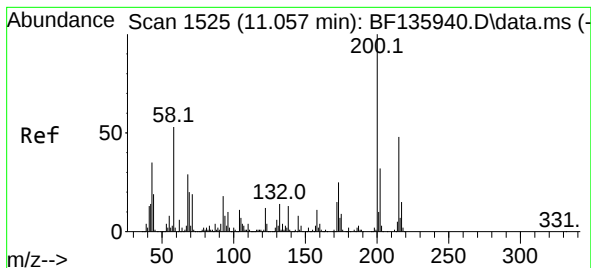
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#68
Hexachlorobenzene
Concen: 54.821 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:284 Resp: 357246
Ion Ratio Lower Upper
284 100
142 33.9 27.6 41.4
249 29.6 24.7 37.1





#69

Atrazine

Concen: 61.561 ng

RT: 11.063 min Scan# 11063

Delta R.T. 0.006 min

Lab File: BF135953.D

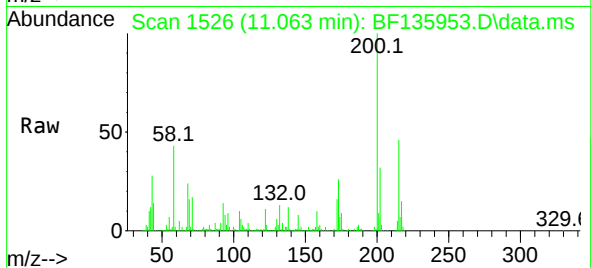
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



Tgt Ion:200 Resp: 301990

Ion Ratio Lower Upper

200 100

173 25.6 5.5 45.5

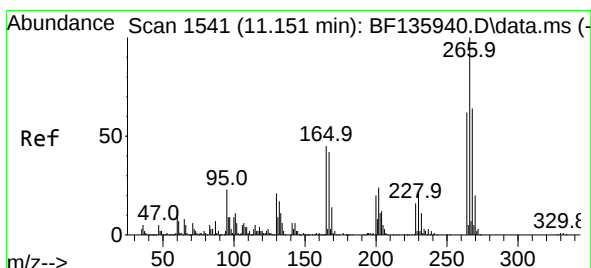
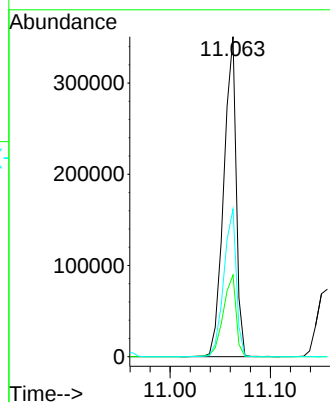
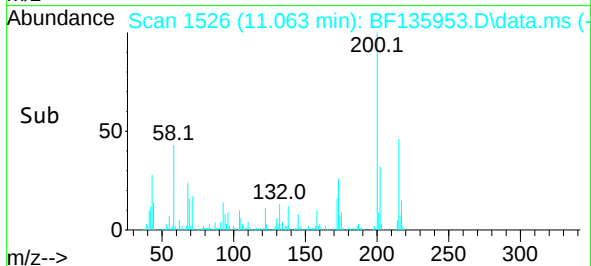
215 46.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#70

Pentachlorophenol

Concen: 99.708 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

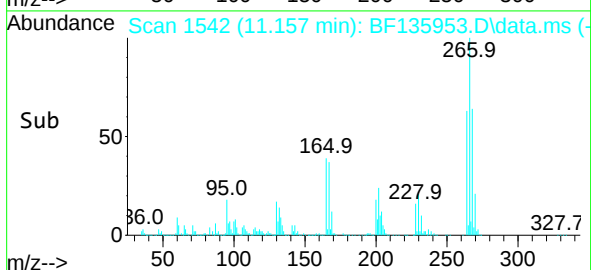
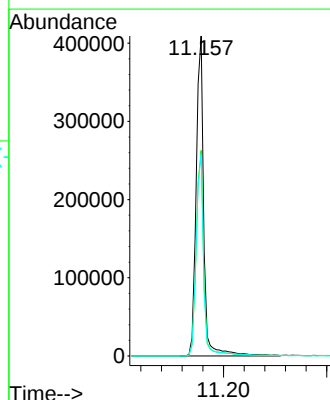
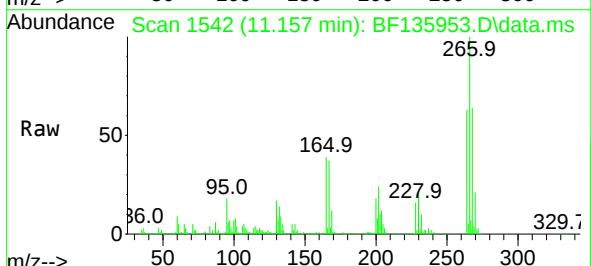
Tgt Ion:266 Resp: 416501

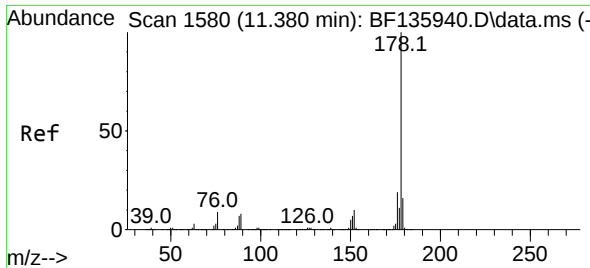
Ion Ratio Lower Upper

266 100

268 64.2 50.8 76.2

264 63.1 49.8 74.6





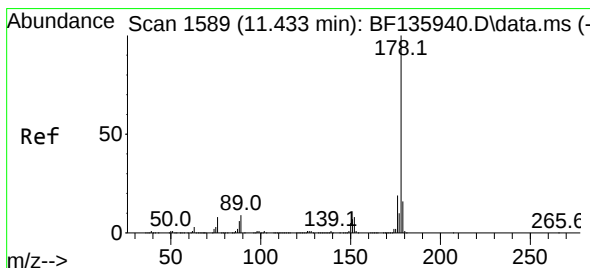
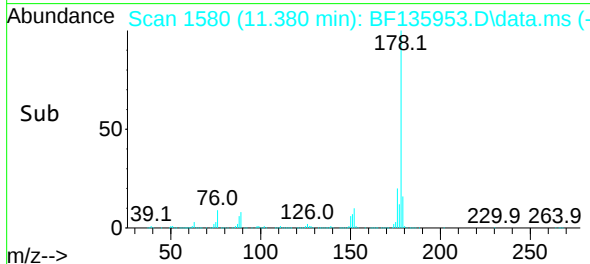
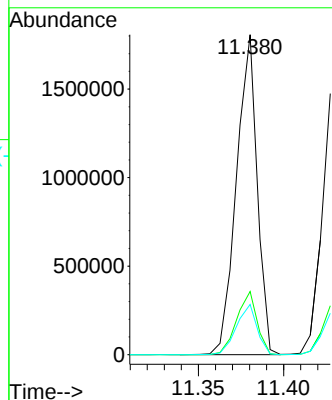
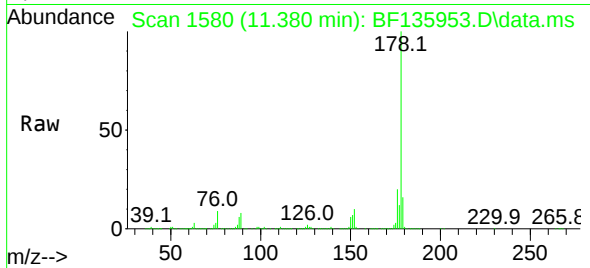
#71
Phenanthrene
Concen: 50.779 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :
BNA_F
ClientSampleId :
PB156273BS

Tgt Ion:178 Resp: 153027
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.7 12.5 18.7

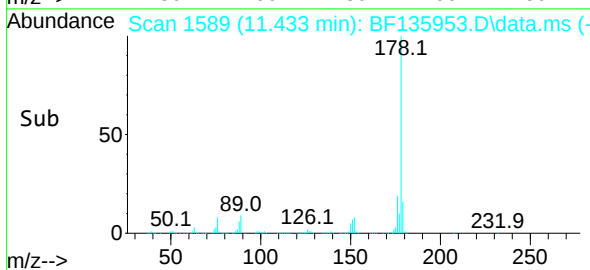
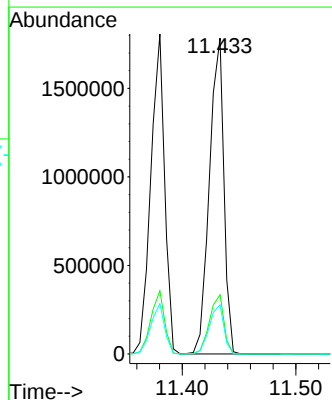
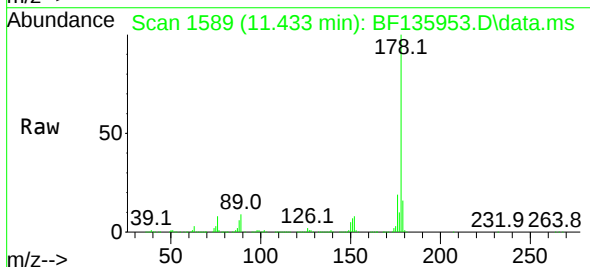
Manual Integrations
APPROVED

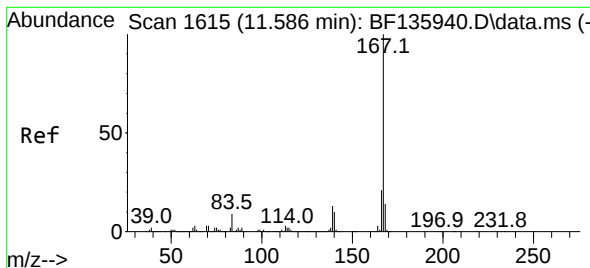
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#72
Anthracene
Concen: 51.035 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:178 Resp: 1574815
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.6 12.5 18.7





#73

Carbazole

Concen: 51.189 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion:167 Resp: 1409049

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

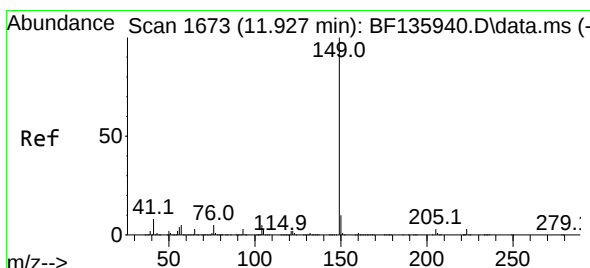
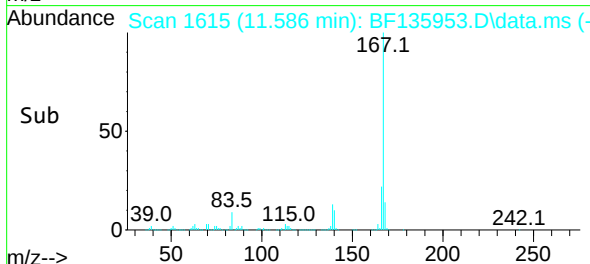
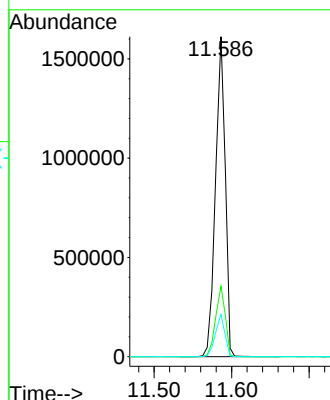
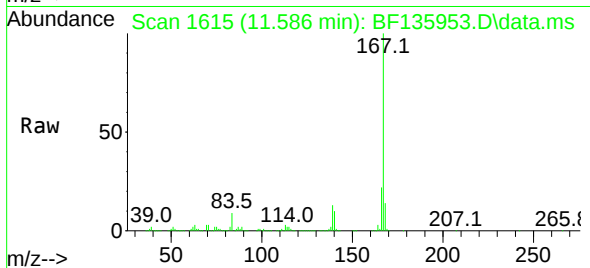
139 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#74

Di-n-butylphthalate

Concen: 52.959 ng

RT: 11.927 min Scan# 1673

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

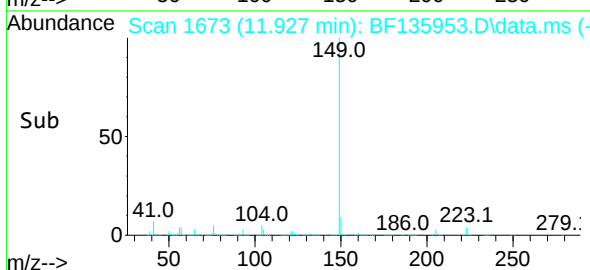
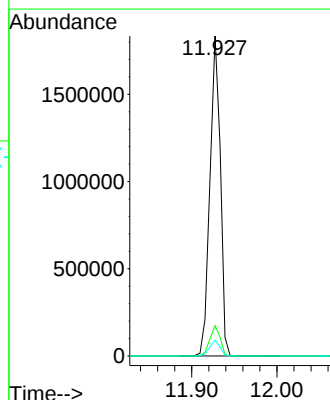
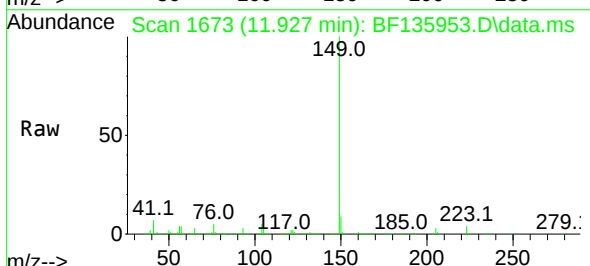
Tgt Ion:149 Resp: 1551234

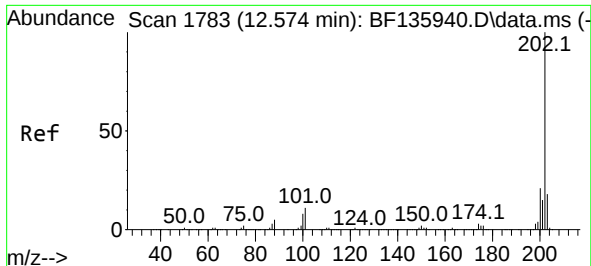
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 5.0 3.9 5.9





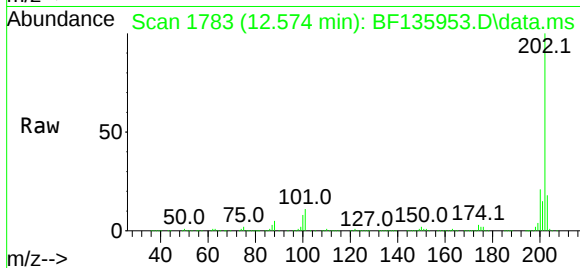
#75
Fluoranthene
Concen: 51.617 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS



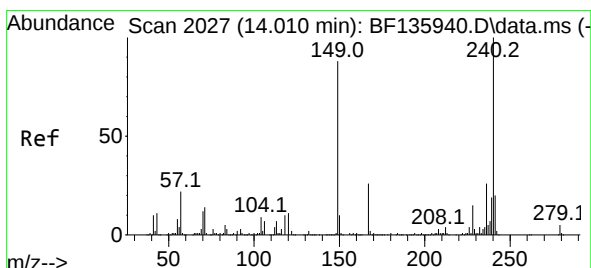
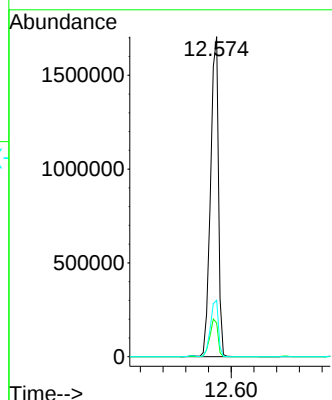
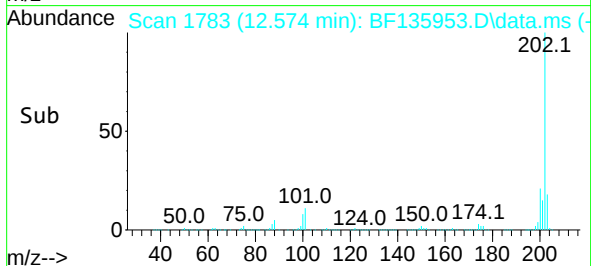
Tgt Ion:202 Resp: 1636510
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.6
203 17.7 0.0 37.5

Manual Integrations

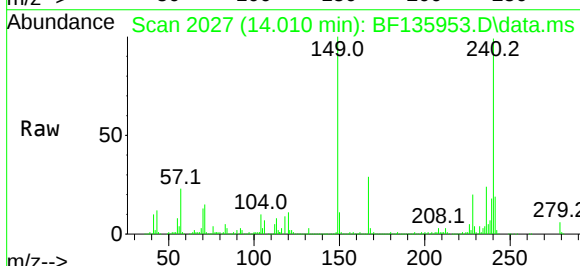
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

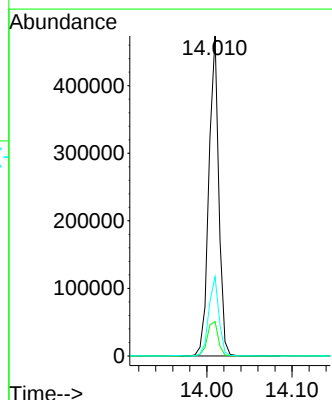
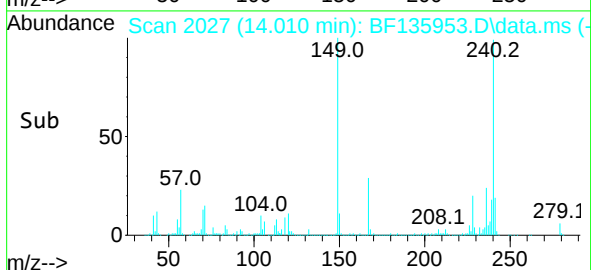
Supervised By :mohammad ahmed 10/26/2023

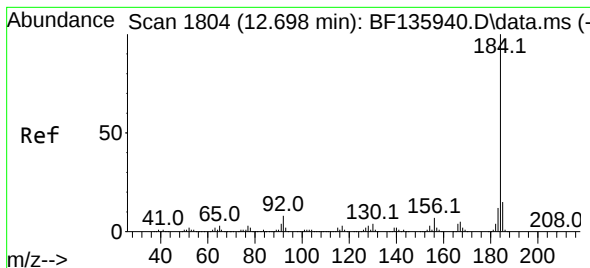


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:240 Resp: 382009
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 24.8 20.6 30.8





#77

Benzidine

Concen: 55.099 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion:184 Resp: 40585

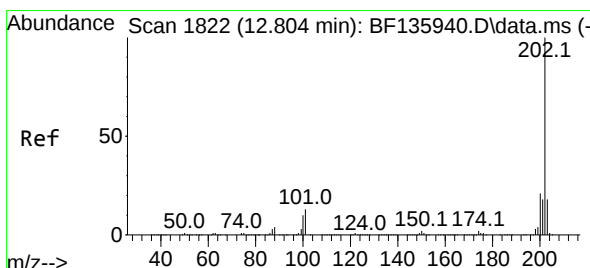
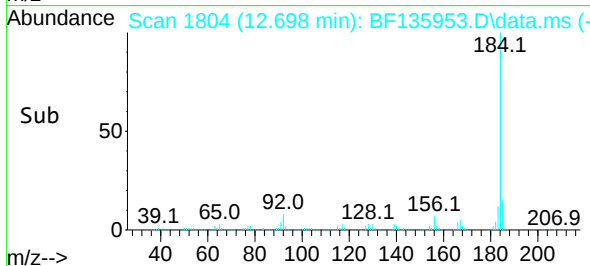
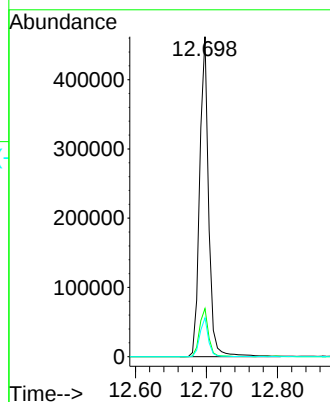
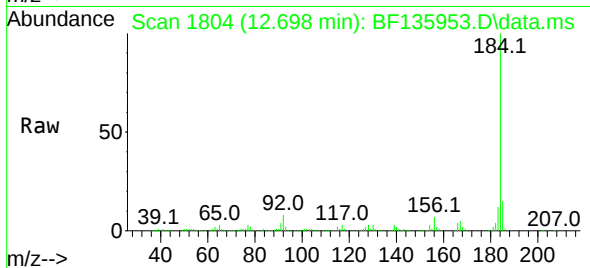
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.7	17.5
183	12.1	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#78

Pyrene

Concen: 52.661 ng

RT: 12.804 min Scan# 1822

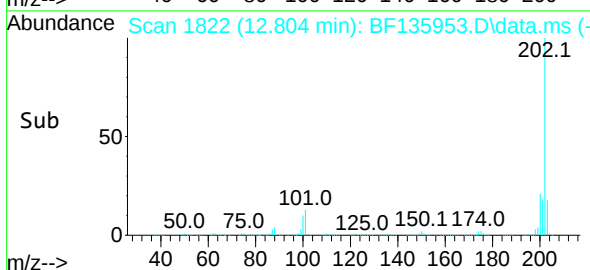
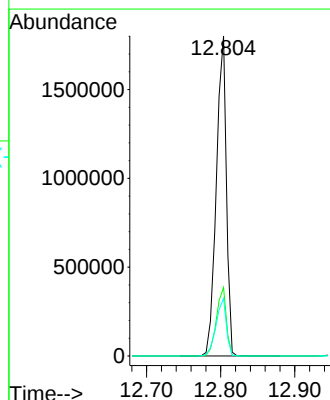
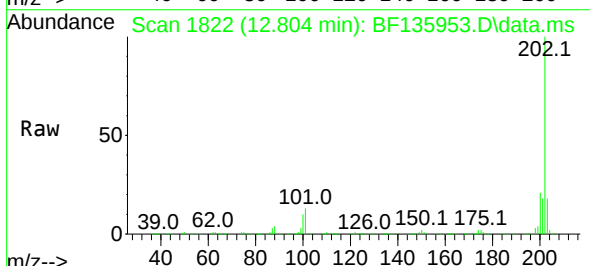
Delta R.T. -0.000 min

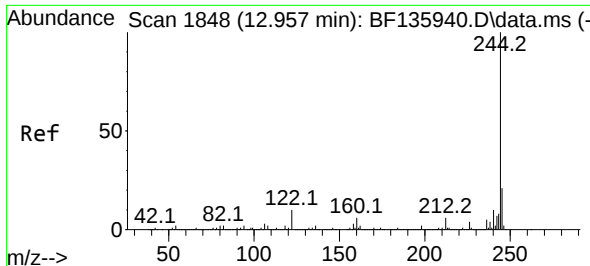
Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Tgt Ion:202 Resp: 1689113

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.9	14.5	21.7





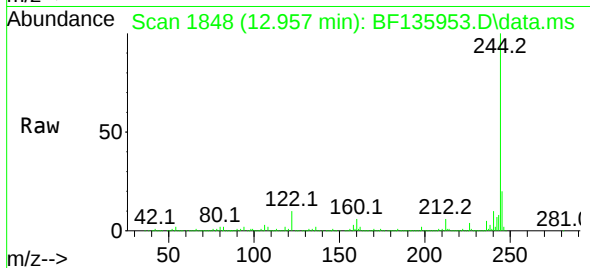
#79
 Terphenyl-d14
 Concen: 100.887 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

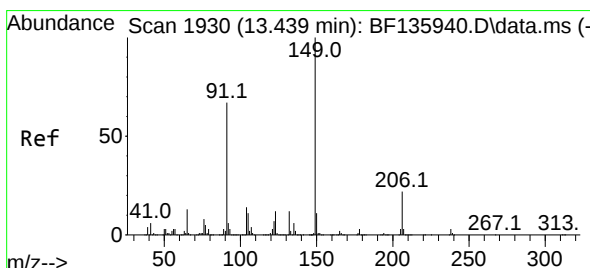
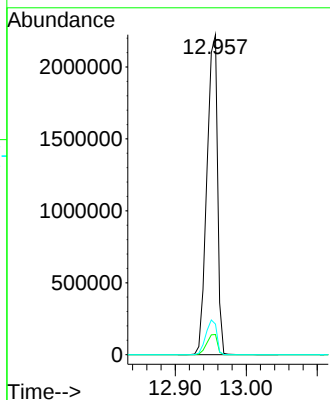
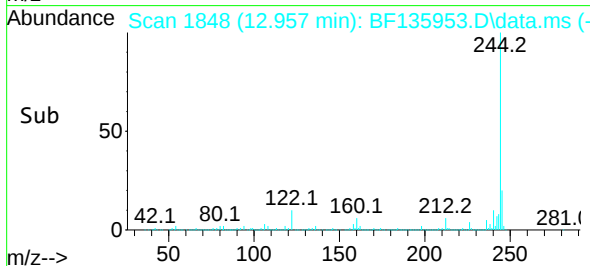


Tgt Ion:244 Resp: 230669
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 9.6 8.0 12.0

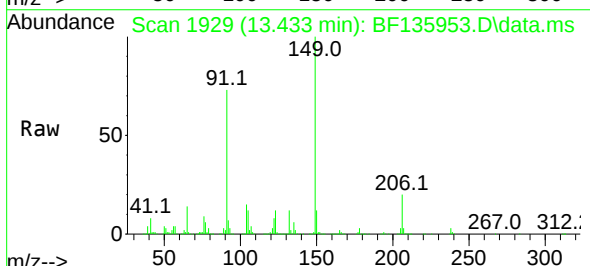
Manual Integrations

APPROVED

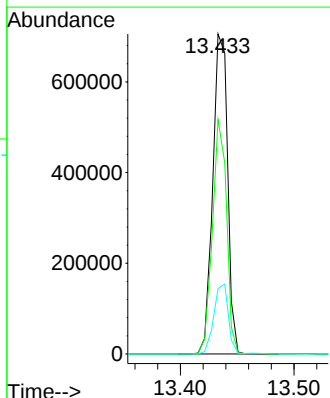
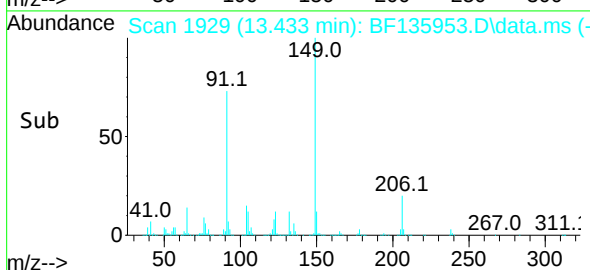
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

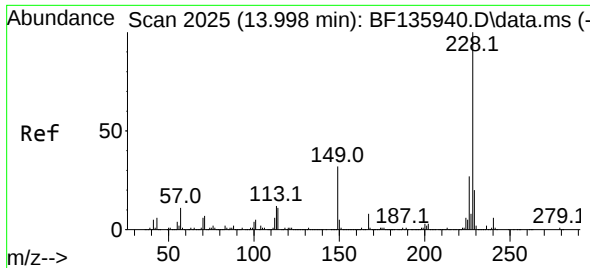


#80
 Butylbenzylphthalate
 Concen: 52.480 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135953.D
 Acq: 25 Oct 2023 21:30



Tgt Ion:149 Resp: 640869
 Ion Ratio Lower Upper
 149 100
 91 73.3 53.4 80.0
 206 20.5 17.5 26.3





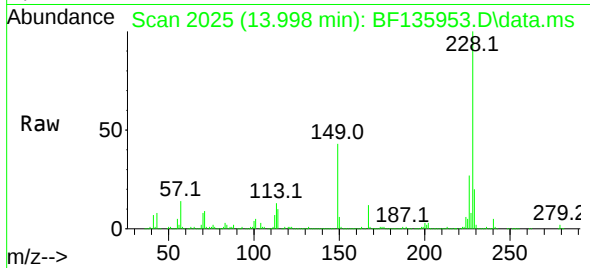
#81
Benzo(a)anthracene
Concen: 53.053 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

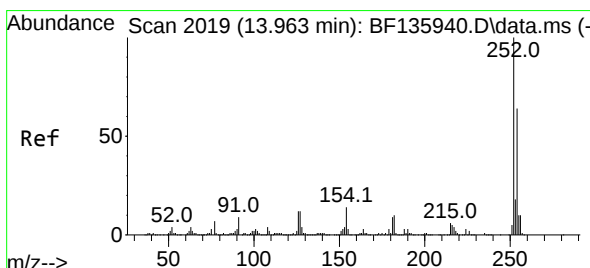
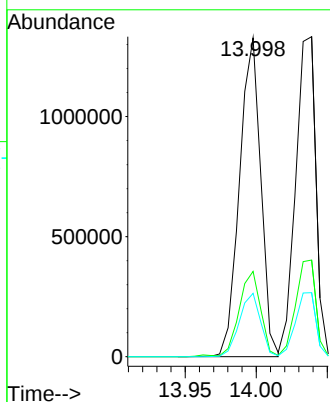
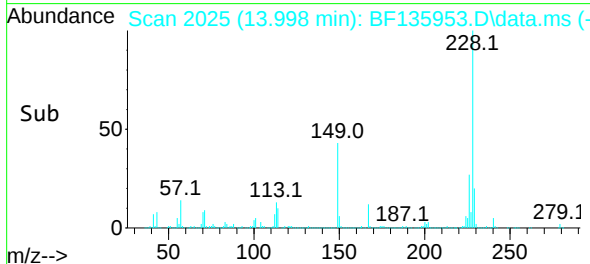


Tgt Ion:228 Resp: 137803
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.6
229 19.9 16.2 24.4

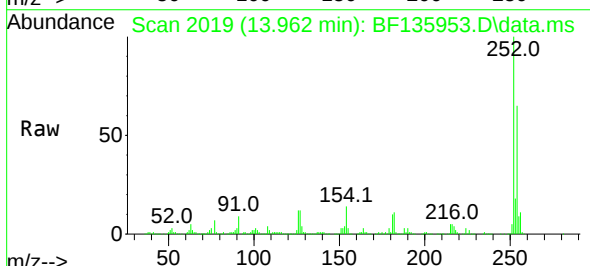
Manual Integrations

APPROVED

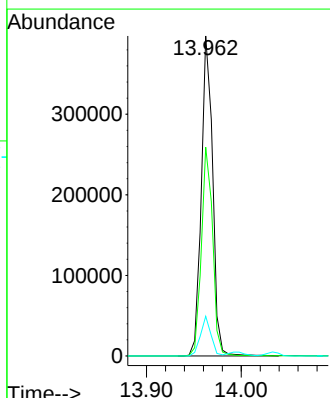
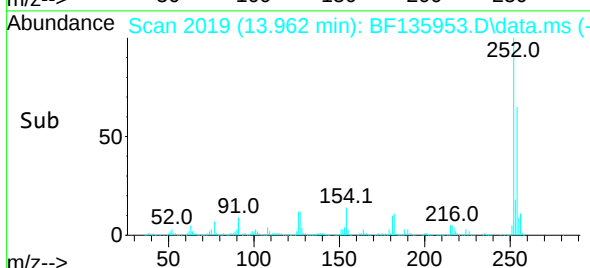
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

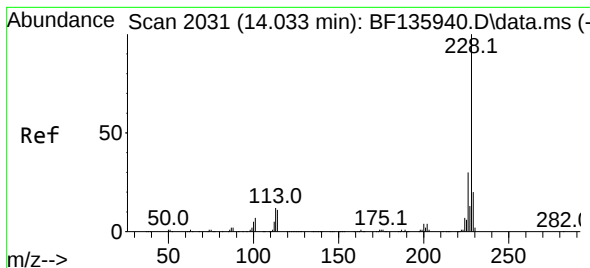


#82
3,3'-Dichlorobenzidine
Concen: 41.634 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:252 Resp: 329006
Ion Ratio Lower Upper
252 100
254 65.3 50.9 76.3
126 12.4 9.8 14.6





#83

Chrysene

Concen: 52.100 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

Tgt Ion:228 Resp: 1318020

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

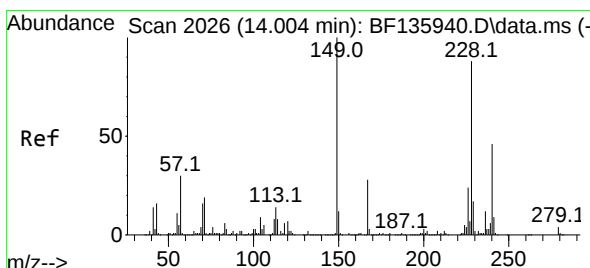
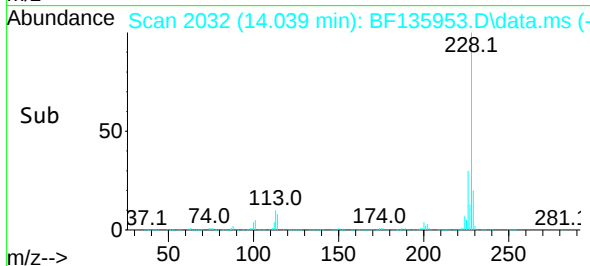
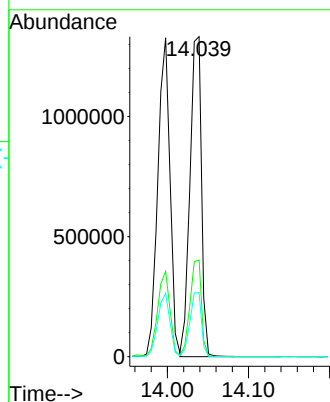
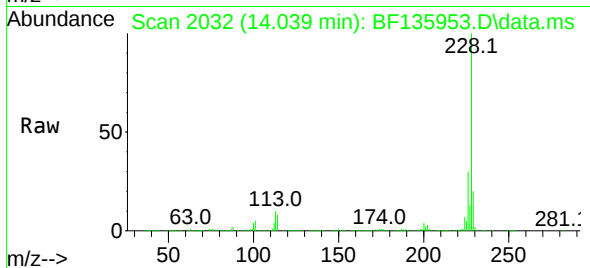
229 20.0 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.416 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF135953.D

Acq: 25 Oct 2023 21:30

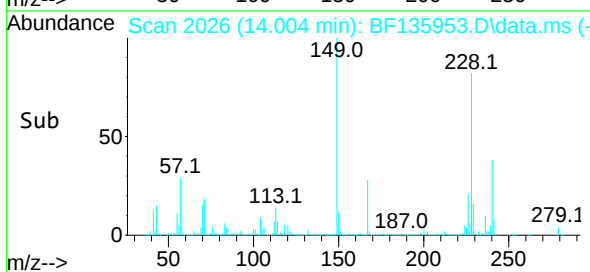
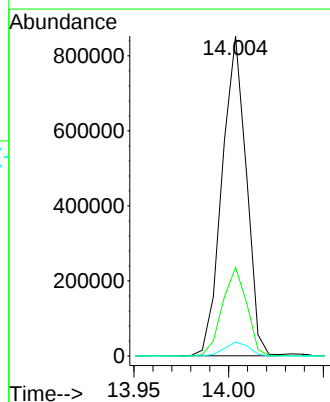
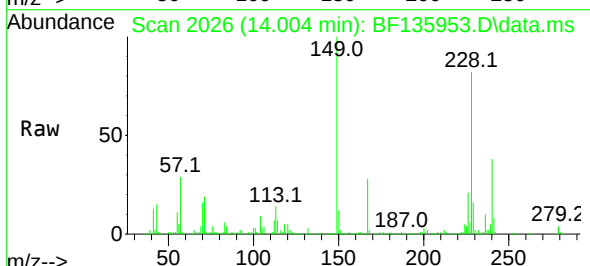
Tgt Ion:149 Resp: 757286

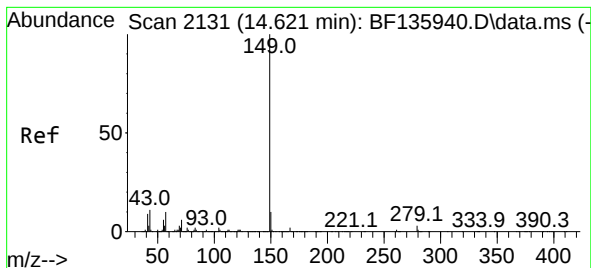
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

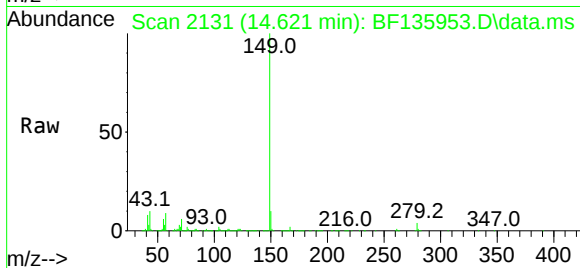
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 60.379 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

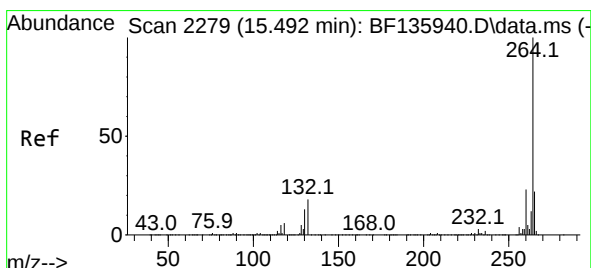
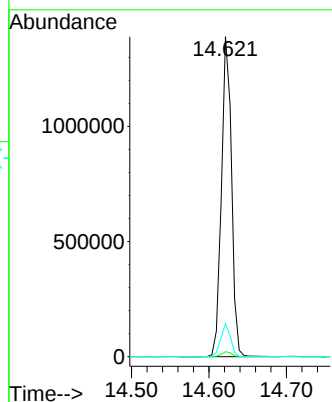
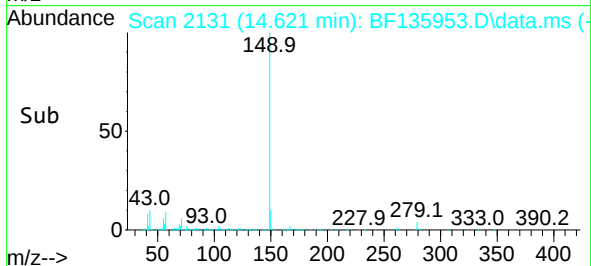
Instrument :
BNA_F
ClientSampleId :
PB156273BS



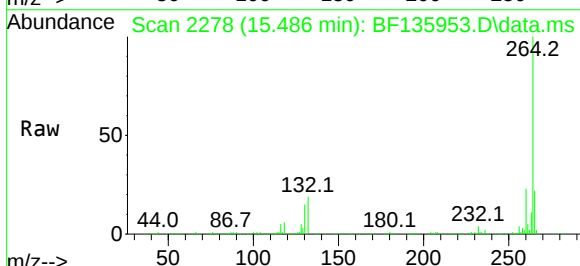
Tgt Ion:149 Resp: 125452
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.6 12.8

Manual Integrations
APPROVED

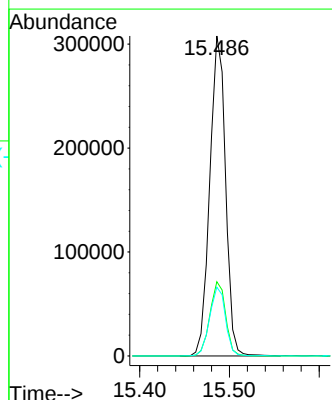
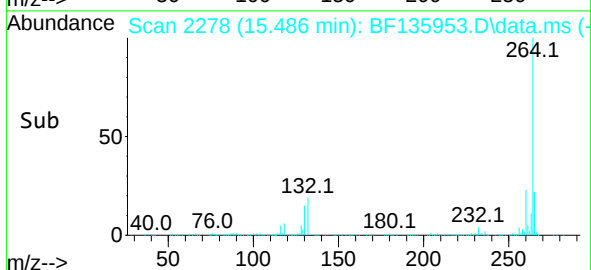
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

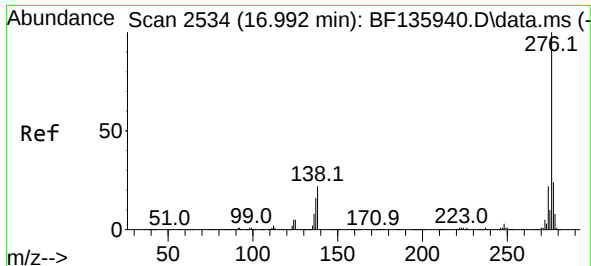


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30



Tgt Ion:264 Resp: 375368
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.3 25.9





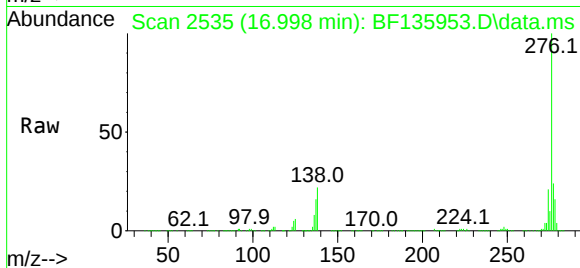
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.528 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

PB156273BS

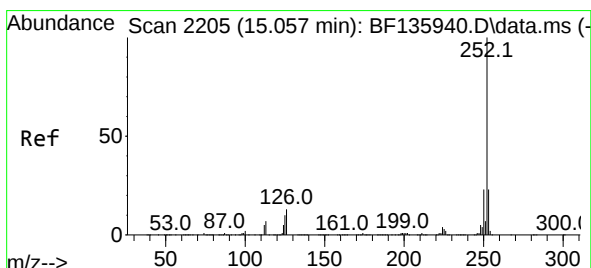
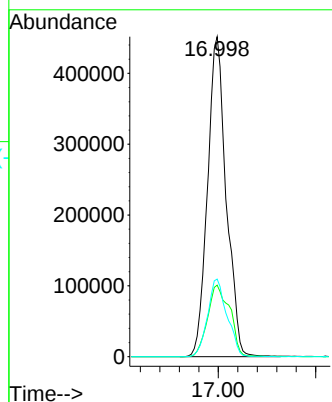
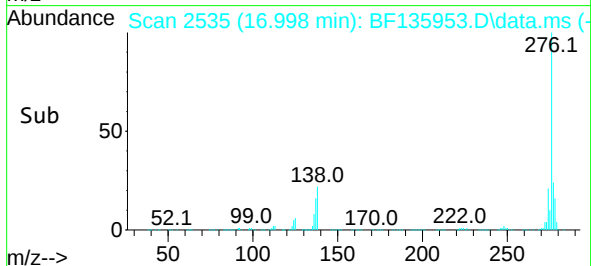


Tgt Ion:276 Resp: 120318
Ion Ratio Lower Upper
276 100
138 26.6 21.8 32.6
277 25.3 20.0 30.0

Manual Integrations

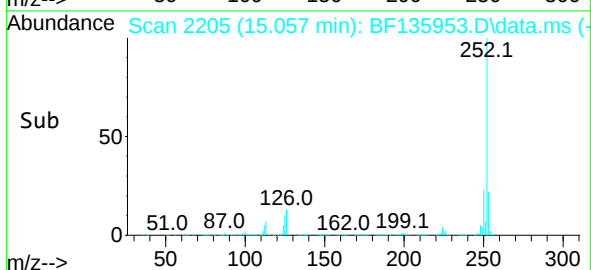
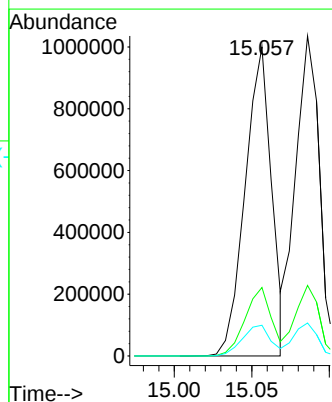
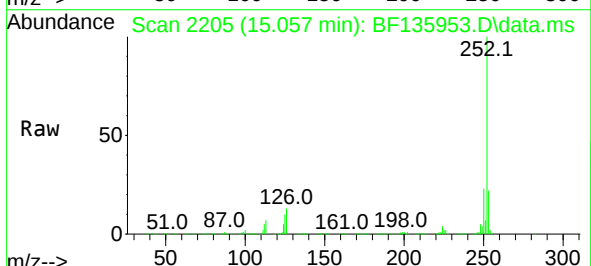
APPROVED

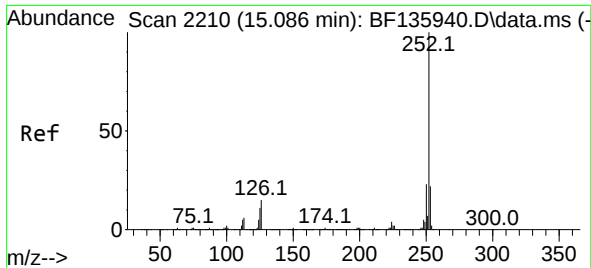
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#88
Benzo(b)fluoranthene
Concen: 53.032 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

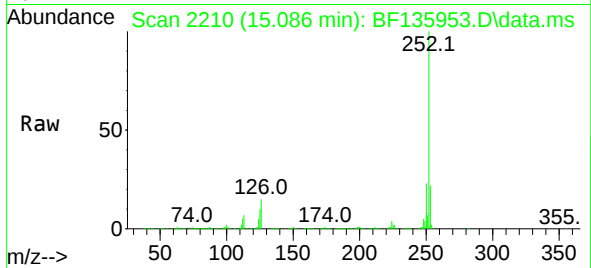
Tgt Ion:252 Resp: 1184693
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.9 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 50.594 ng
RT: 15.086 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

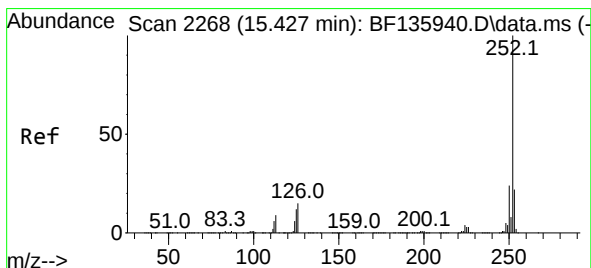
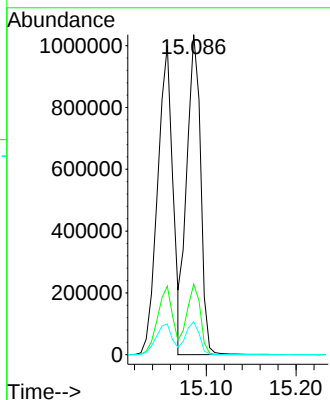
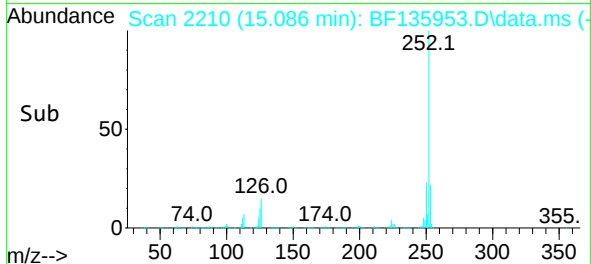
Instrument :
BNA_F
ClientSampleId :
PB156273BS



Tgt Ion:252 Resp: 1110029
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.3 8.5 12.7

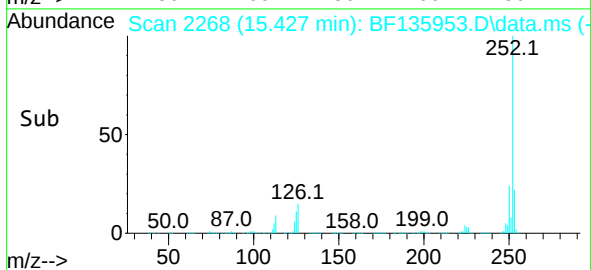
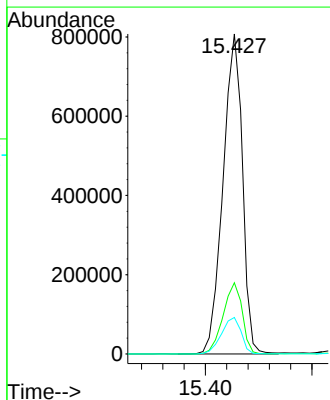
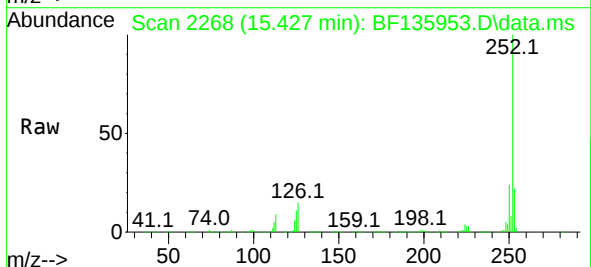
Manual Integrations
APPROVED

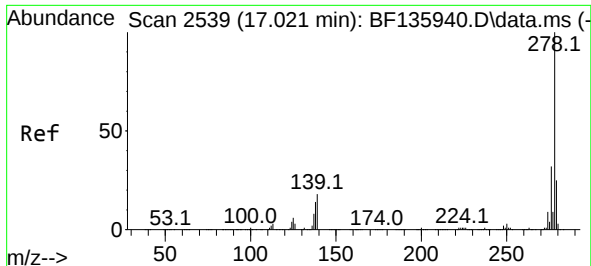
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#90
Benzo(a)pyrene
Concen: 49.469 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:252 Resp: 1018499
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.4 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 55.065 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Instrument :

BNA_F

ClientSampleId :

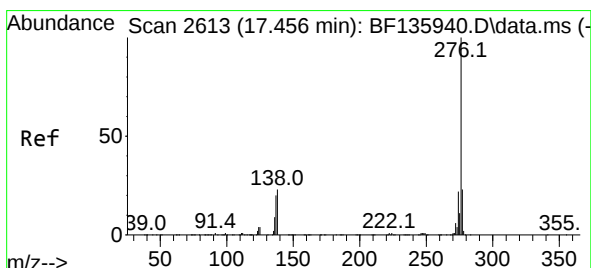
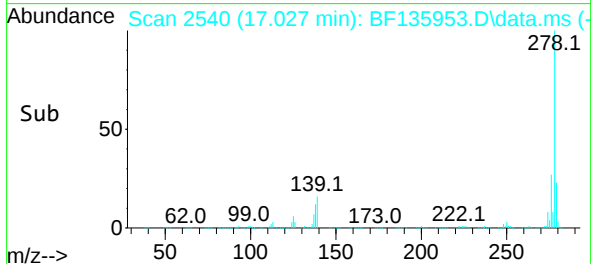
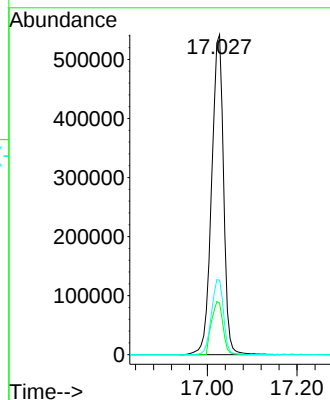
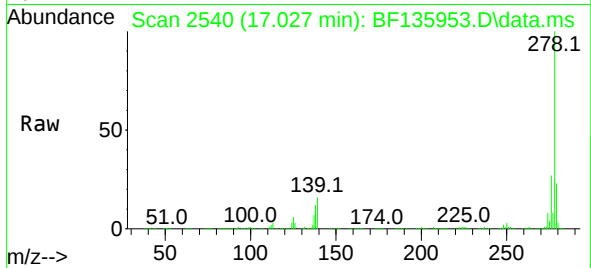
PB156273BS

Tgt Ion:278 Resp: 1002508
Ion Ratio Lower Upper
278 100
139 16.1 14.0 21.0
279 23.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#92
Benzo(g,h,i)perylene
Concen: 46.210 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BF135953.D
Acq: 25 Oct 2023 21:30

Tgt Ion:276 Resp: 953397
Ion Ratio Lower Upper
276 100
277 23.3 18.6 28.0
138 22.6 18.4 27.6

