

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135949.D
 Acq On : 25 Oct 2023 19:25
 Operator : CG\JU
 Sample : PB156361BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:32:15 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	179430	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	695491	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	353617	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	641858	20.000	ng	0.00
76) Chrysene-d12	14.010	240	400086	20.000	ng	0.00
86) Perylene-d12	15.486	264	379416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1505875	129.595	ng	0.02
7) Phenol-d6	6.463	99	1885096	130.309	ng	0.00
23) Nitrobenzene-d5	7.393	82	1060238	96.896	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	502849	162.461	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1893680	85.750	ng	0.00
79) Terphenyl-d14	12.957	244	2323749	97.041	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	188659	34.952	ng	99
3) Pyridine	3.463	79	506260	33.981	ng	98
4) n-Nitrosodimethylamine	3.428	42	276358	42.542	ng	99
6) Aniline	6.487	93	658390	33.800	ng	99
8) 2-Chlorophenol	6.610	128	570630	47.437	ng	97
9) Benzaldehyde	6.369	77	91772	11.727	ng	94
10) Phenol	6.475	94	687882m	45.484	ng	
11) bis(2-Chloroethyl)ether	6.563	93	532284	45.217	ng	95
12) 1,3-Dichlorobenzene	6.763	146	578472	45.274	ng	98
13) 1,4-Dichlorobenzene	6.840	146	588516	45.862	ng	98
14) 1,2-Dichlorobenzene	6.993	146	562663	47.218	ng	99
15) Benzyl Alcohol	6.969	79	441319	43.155	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	766076	44.190	ng	99
17) 2-Methylphenol	7.075	107	448509	42.304	ng	99
18) Hexachloroethane	7.334	117	207789	47.620	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	361384	43.930	ng	96
20) 3+4-Methylphenols	7.228	107	540146	42.213	ng	97
22) Acetophenone	7.240	105	731598	46.574	ng	# 90
24) Nitrobenzene	7.410	77	550150	47.778	ng	99
25) Isophorone	7.645	82	1005943	45.758	ng	99
26) 2-Nitrophenol	7.722	139	245383	56.213	ng	98
27) 2,4-Dimethylphenol	7.757	122	431288	43.045	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	615513	45.594	ng	99
29) 2,4-Dichlorophenol	7.957	162	447634	49.892	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	486538	47.894	ng	99
31) Naphthalene	8.128	128	1527633	45.431	ng	100
32) Benzoic acid	7.887	122	292026	55.422	ng	90
33) 4-Chloroaniline	8.175	127	334159	22.484	ng	98
34) Hexachlorobutadiene	8.245	225	269952	47.147	ng	100
35) Caprolactam	8.545	113	154952m	51.898	ng	
36) 4-Chloro-3-methylphenol	8.657	107	472186	49.523	ng	98
37) 2-Methylnaphthalene	8.816	142	965038	43.377	ng	99
38) 1-Methylnaphthalene	8.916	142	941757	45.302	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	440990	44.154	ng	99
41) Hexachlorocyclopentadiene	8.975	237	493703	100.250	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	300316	51.375	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135949.D
 Acq On : 25 Oct 2023 19:25
 Operator : CG\JU
 Sample : PB156361BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156361BS

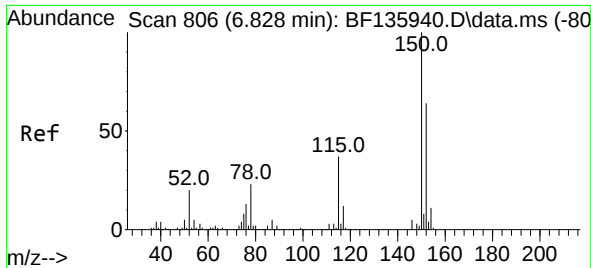
Quant Time: Oct 26 04:32:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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	337422	48.616	ng	96
46) 1,1'-Biphenyl	9.287	154	1206747	45.037	ng	99
47) 2-Chloronaphthalene	9.310	162	928348	46.841	ng	98
48) 2-Nitroaniline	9.404	65	284293	51.615	ng	99
49) Acenaphthylene	9.728	152	1477328	47.249	ng	99
50) Dimethylphthalate	9.592	163	1039847	45.345	ng	100
51) 2,6-Dinitrotoluene	9.651	165	235682	49.415	ng	# 86
52) Acenaphthene	9.898	154	988192m	49.316	ng	
53) 3-Nitroaniline	9.816	138	199790	36.344	ng	93
54) 2,4-Dinitrophenol	9.922	184	190683	92.669	ng	98
55) Dibenzofuran	10.069	168	1306194	45.123	ng	100
56) 4-Nitrophenol	9.981	139	448507	95.641	ng	99
57) 2,4-Dinitrotoluene	10.051	165	315598	52.946	ng	92
58) Fluorene	10.416	166	980227	45.261	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	287186	54.988	ng	99
60) Diethylphthalate	10.298	149	1002086	45.825	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	459323	43.967	ng	99
62) 4-Nitroaniline	10.439	138	258264	46.059	ng	96
63) Azobenzene	10.569	77	999116	45.022	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	127056	56.169	ng	98
66) n-Nitrosodiphenylamine	10.528	169	910563	46.959	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	310555	47.245	ng	99
68) Hexachlorobenzene	10.957	284	354102	50.428	ng	99
69) Atrazine	11.063	200	299015	56.567	ng	99
70) Pentachlorophenol	11.157	266	412767	92.042	ng	99
71) Phenanthrene	11.380	178	1540382	47.435	ng	100
72) Anthracene	11.433	178	1565476	47.082	ng	99
73) Carbazole	11.586	167	1426964	48.109	ng	99
74) Di-n-butylphthalate	11.928	149	1539221	48.767	ng	100
75) Fluoranthene	12.569	202	1624198	47.542	ng	97
77) Benzidine	12.698	184	427604	55.428	ng	99
78) Pyrene	12.804	202	1676468	49.905	ng	99
80) Butylbenzylphthalate	13.433	149	629313	49.444	ng	93
81) Benzo(a)anthracene	13.998	228	1339812	49.251	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	345118	41.699	ng	99
83) Chrysene	14.033	228	1264201	47.714	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	744257	53.878	ng	100
85) Di-n-octyl phthalate	14.621	149	1192310	54.792	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1190942	55.356	ng	100
88) Benzo(b)fluoranthene	15.057	252	1148566	50.867	ng	99
89) Benzo(k)fluoranthene	15.086	252	1046842	47.205	ng	99
90) Benzo(a)pyrene	15.427	252	970637	46.642	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	993824	54.005	ng	99
92) Benzo(g,h,i)perylene	17.457	276	962203	46.145	ng	99

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



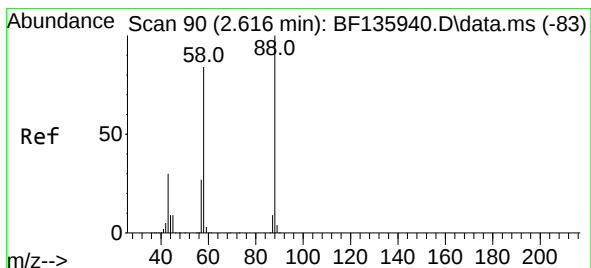
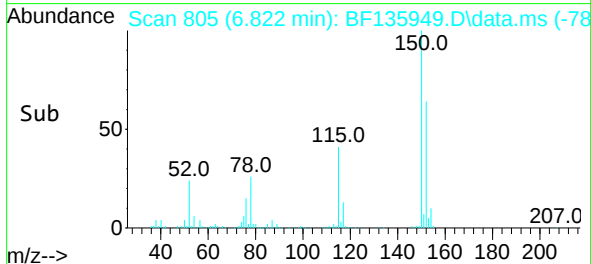
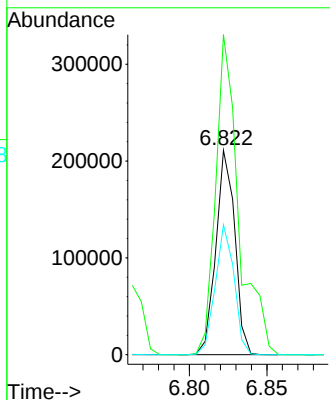
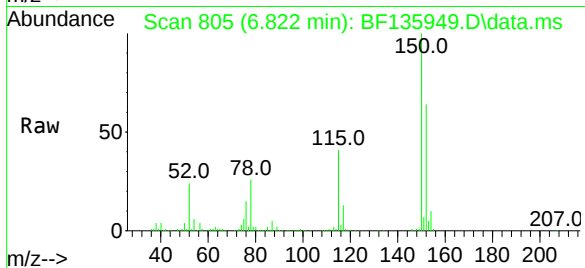
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :
BNA_F
ClientSampleId :
PB156361BS

Tgt Ion:152 Resp: 179430
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 63.6 46.6 69.8

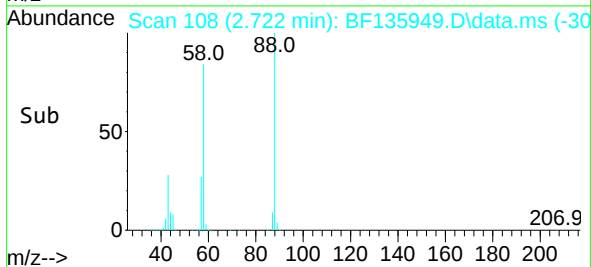
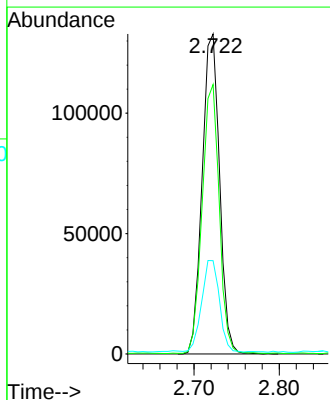
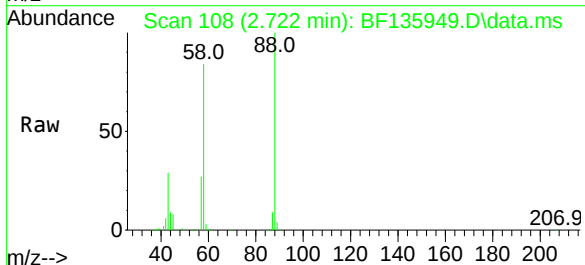
Manual Integrations
APPROVED

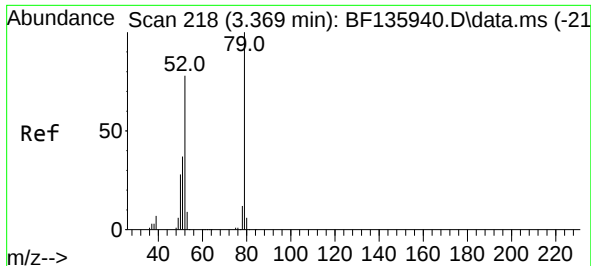
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#2
1,4-Dioxane
Concen: 34.952 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.106 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

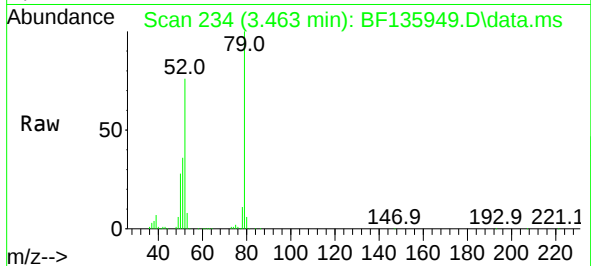
Tgt Ion: 88 Resp: 188659
Ion Ratio Lower Upper
88 100
58 82.2 66.6 100.0
43 29.0 23.8 35.8





#3
Pyridine
Concen: 33.981 ng
RT: 3.463 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

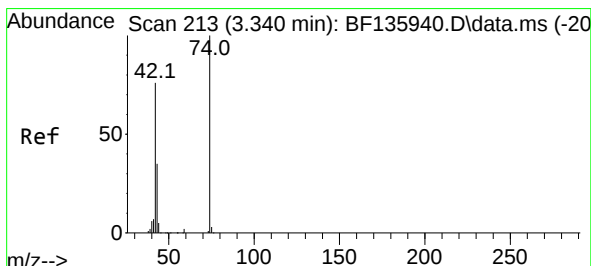
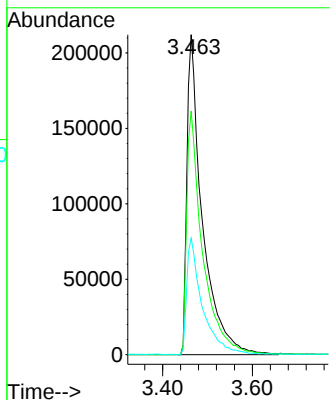
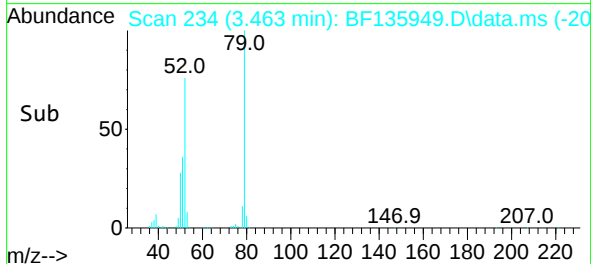
Instrument :
BNA_F
ClientSampleId :
PB156361BS



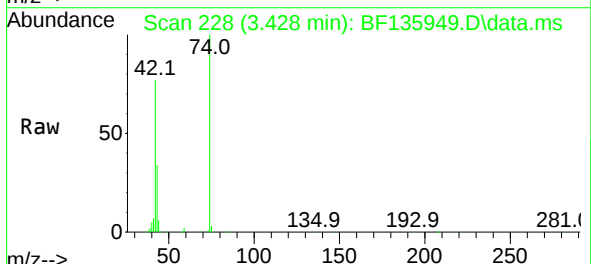
Tgt Ion: 79 Resp: 506260
Ion Ratio Lower Upper
79 100
52 76.1 62.6 93.8
51 36.4 29.8 44.8

Manual Integrations
APPROVED

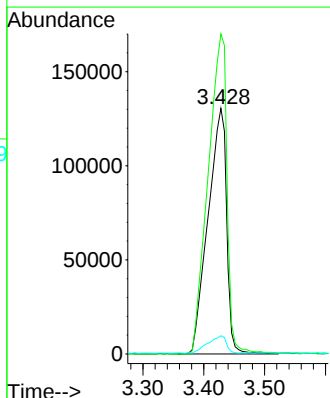
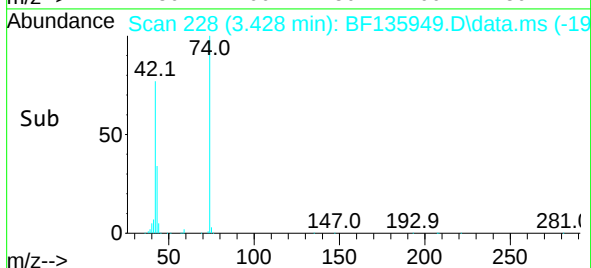
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#4
n-Nitrosodimethylamine
Concen: 42.542 ng
RT: 3.428 min Scan# 228
Delta R.T. 0.088 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



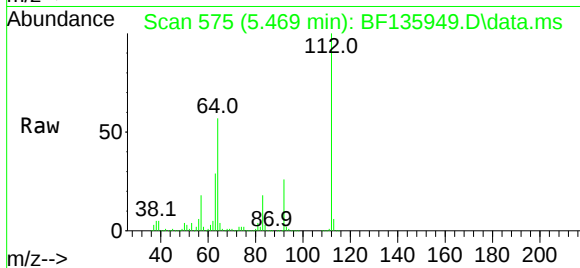
Tgt Ion: 42 Resp: 276358
Ion Ratio Lower Upper
42 100
74 130.3 104.8 157.2
44 7.4 5.9 8.9





#5
2-Fluorophenol
Concen: 129.595 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

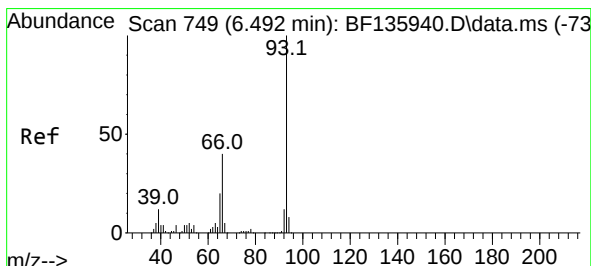
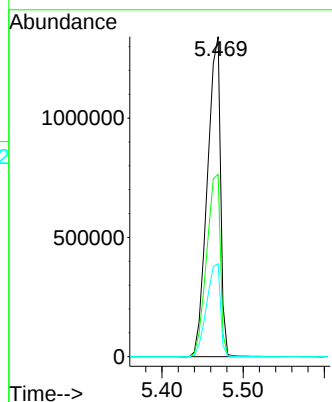
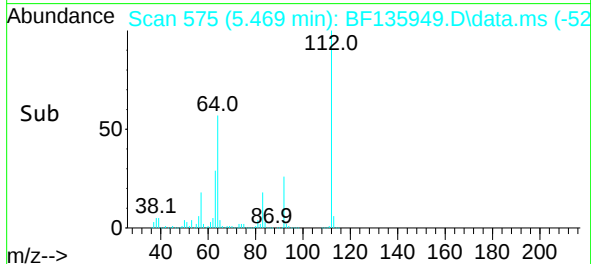
Instrument :
BNA_F
ClientSampleId :
PB156361BS



Tgt Ion:112 Resp: 1505879
Ion Ratio Lower Upper
112 100
64 56.9 45.1 67.7
63 29.1 23.0 34.4

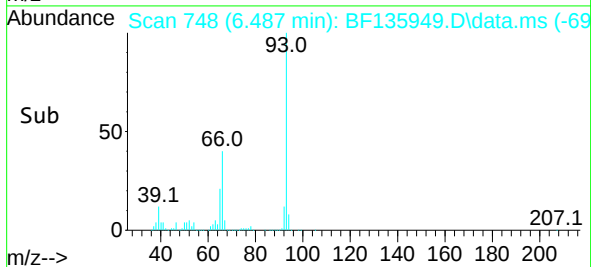
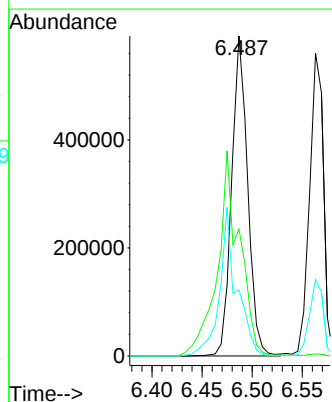
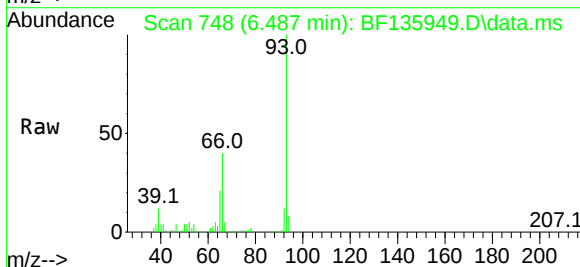
Manual Integrations
APPROVED

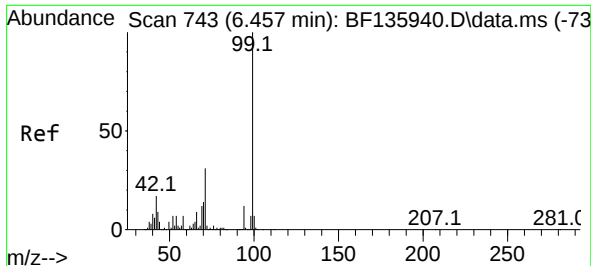
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#6
Aniline
Concen: 33.800 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion: 93 Resp: 658390
Ion Ratio Lower Upper
93 100
66 39.7 32.0 48.0
65 20.7 16.2 24.4





#7

Phenol-d6

Concen: 130.309 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Tgt Ion: 99 Resp: 188509

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

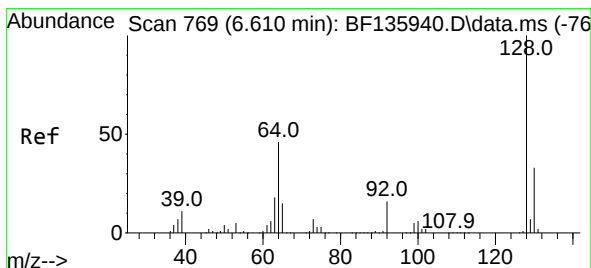
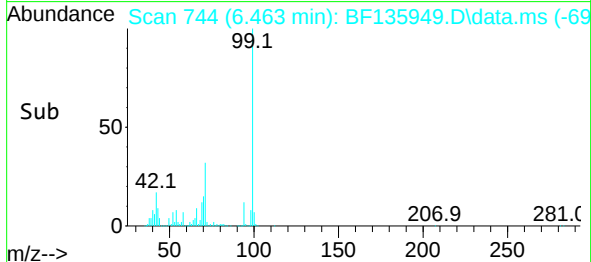
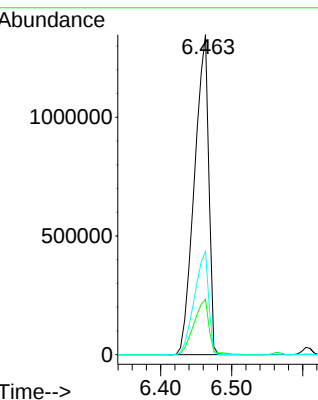
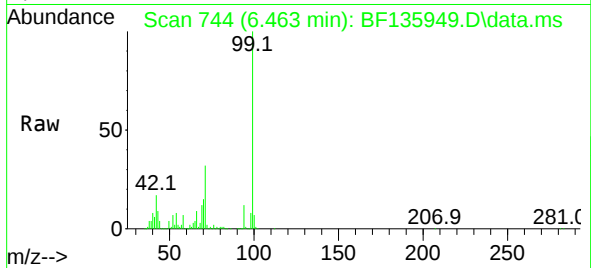
71 32.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#8

2-Chlorophenol

Concen: 47.437 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

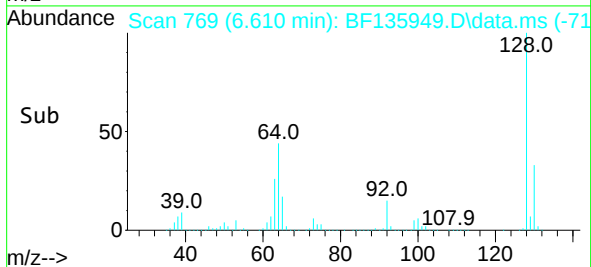
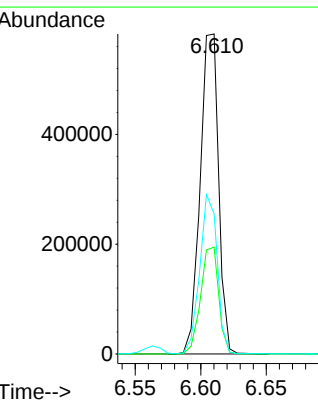
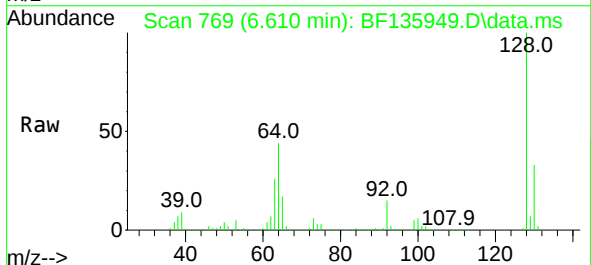
Tgt Ion:128 Resp: 570630

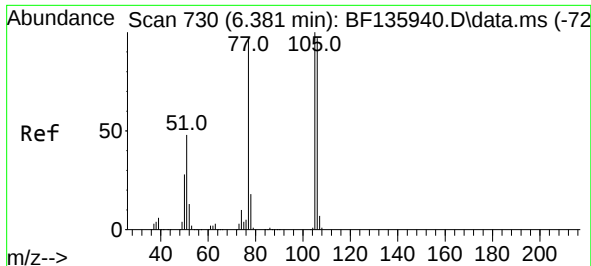
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

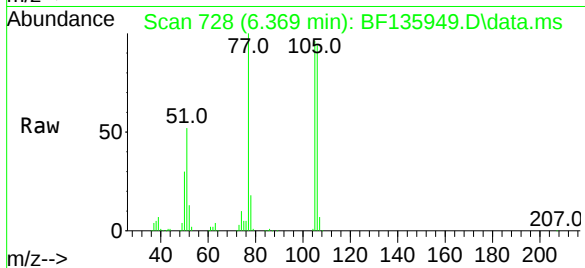
64 43.8 27.0 67.0





#9
Benzaldehyde
Concen: 11.727 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

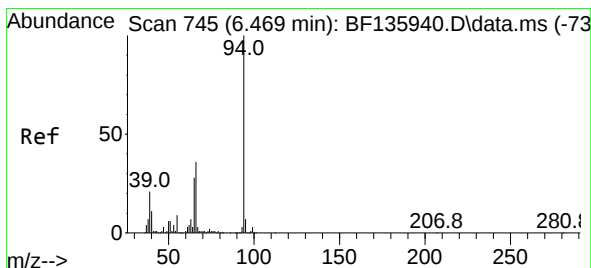
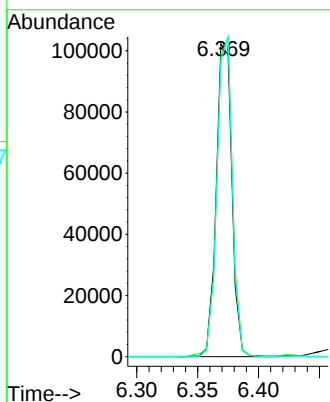
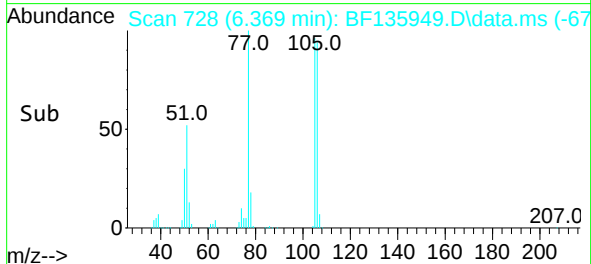
Instrument :
BNA_F
ClientSampleId :
PB156361BS



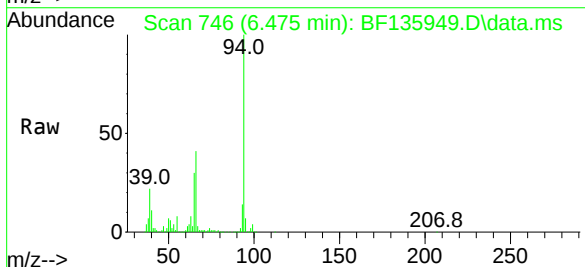
Tgt Ion: 77 Resp: 91772
Ion Ratio Lower Upper
77 100
105 96.2 83.2 123.2
106 94.5 80.0 120.0

Manual Integrations
APPROVED

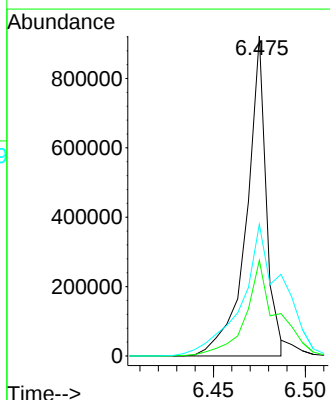
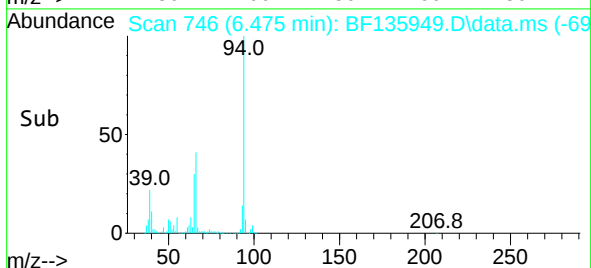
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

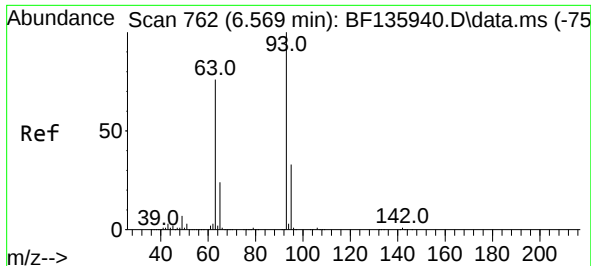


#10
Phenol
Concen: 45.484 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion: 94 Resp: 687882
Ion Ratio Lower Upper
94 100
65 29.8 7.8 47.8
66 41.2 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 45.217 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

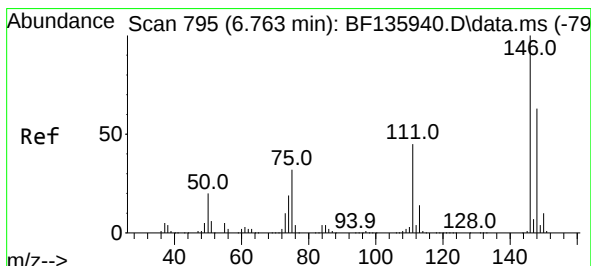
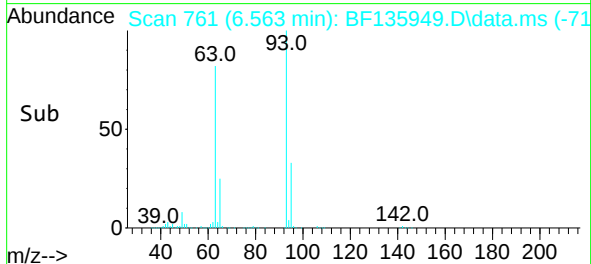
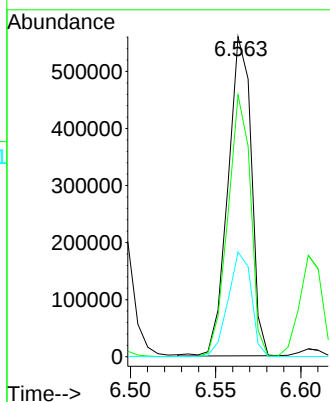
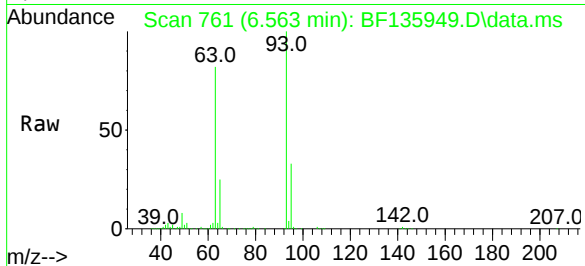
ClientSampleId :

PB156361BS

Tgt Ion: 93 Resp: 532284
Ion Ratio Lower Upper
93 100
63 81.8 56.2 96.2
95 32.7 12.9 52.9

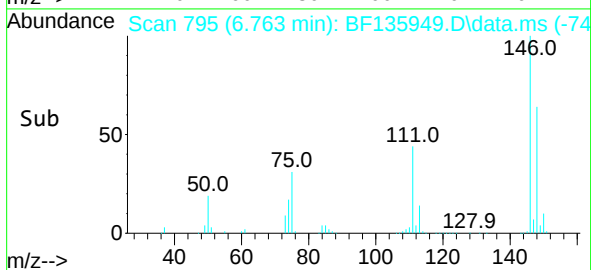
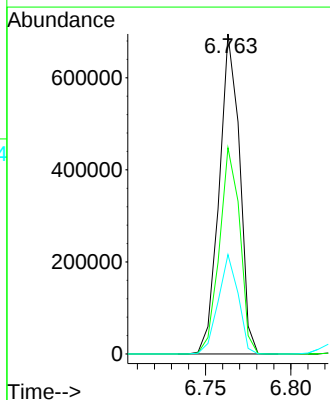
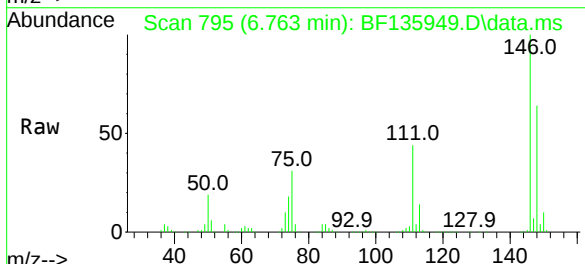
Manual Integrations
APPROVED

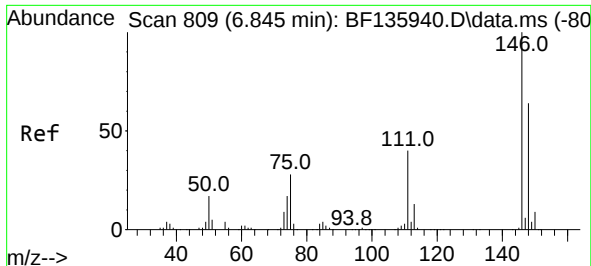
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#12
1,3-Dichlorobenzene
Concen: 45.274 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:146 Resp: 578472
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.4
75 31.1 25.9 38.9





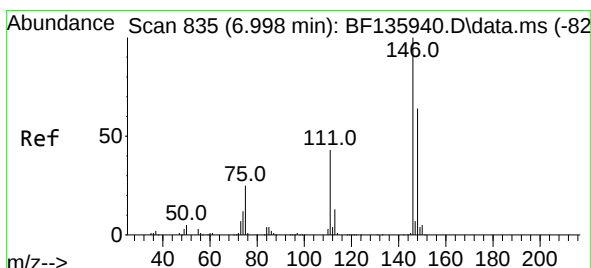
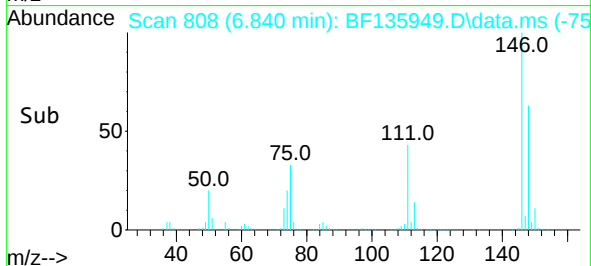
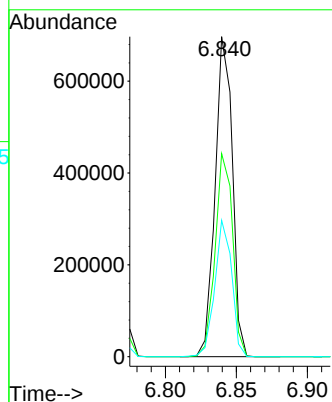
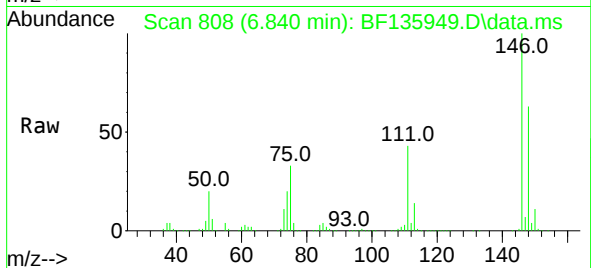
#13
1,4-Dichlorobenzene
Concen: 45.862 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :
BNA_F
ClientSampleId :
PB156361BS

Tgt Ion:146 Resp: 588510
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
111 42.6 31.8 47.8

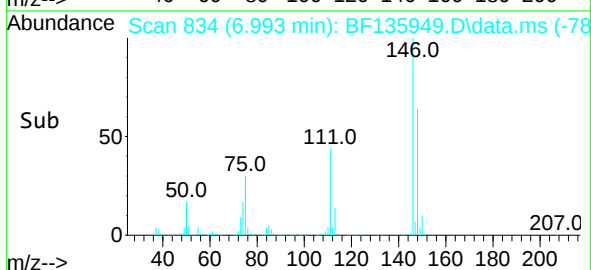
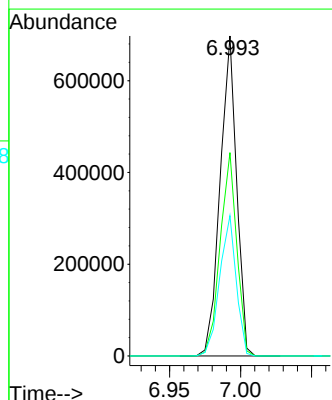
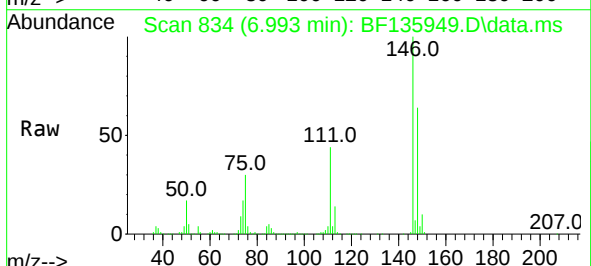
Manual Integrations
APPROVED

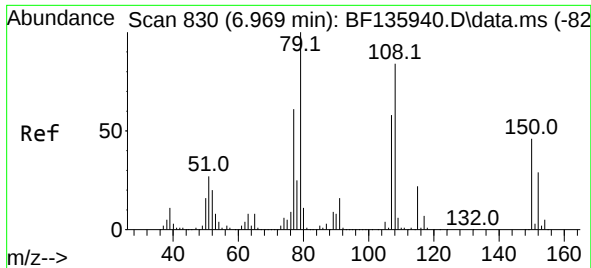
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#14
1,2-Dichlorobenzene
Concen: 47.218 ng
RT: 6.993 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

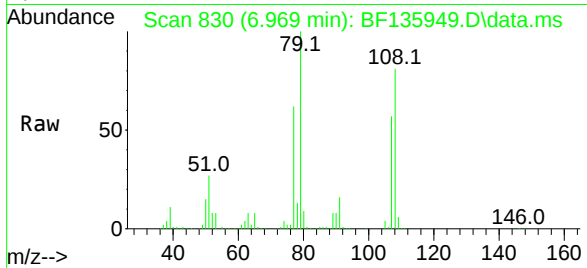
Tgt Ion:146 Resp: 562663
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.0
111 43.9 34.2 51.4





#15
Benzyl Alcohol
Concen: 43.155 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

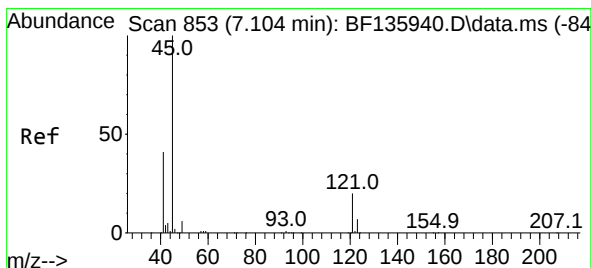
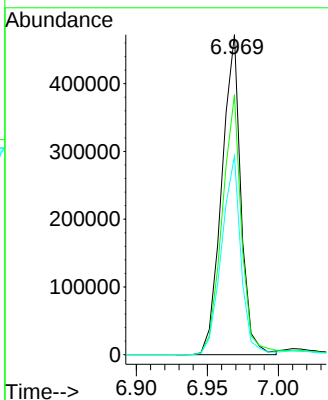
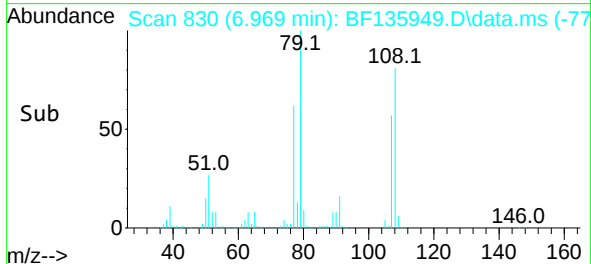
Instrument :
BNA_F
ClientSampleId :
PB156361BS



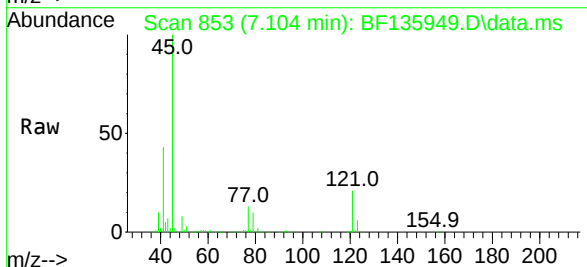
Tgt Ion: 79 Resp: 441319
Ion Ratio Lower Upper
79 100
108 81.3 67.2 100.8
77 62.0 49.0 73.6

Manual Integrations
APPROVED

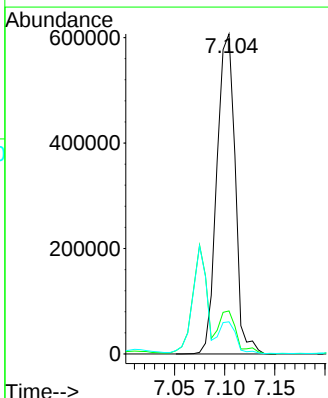
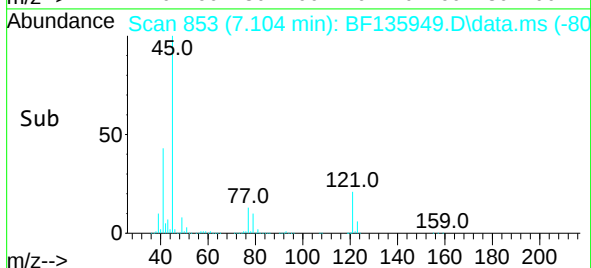
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

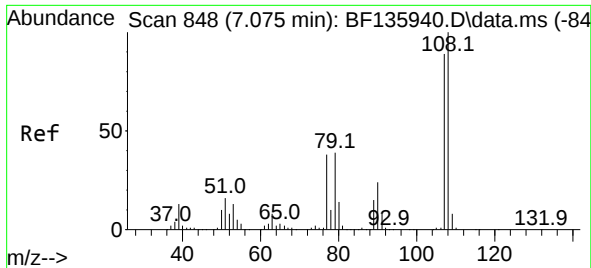


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.190 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



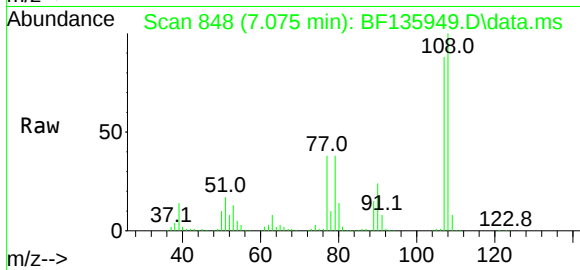
Tgt Ion: 45 Resp: 766076
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.2
79 10.1 0.0 29.8





#17
2-Methylphenol
Concen: 42.304 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

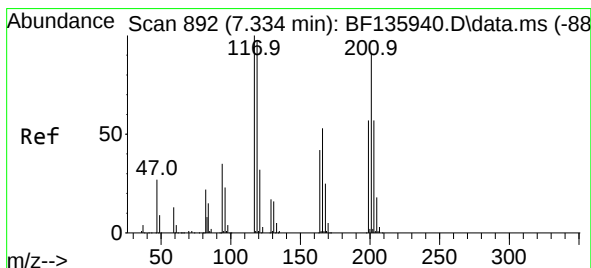
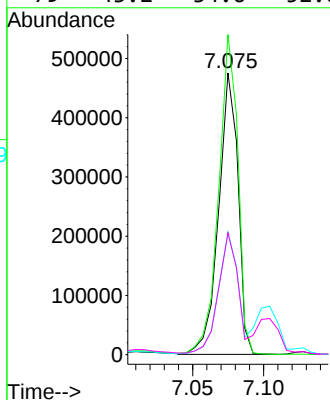
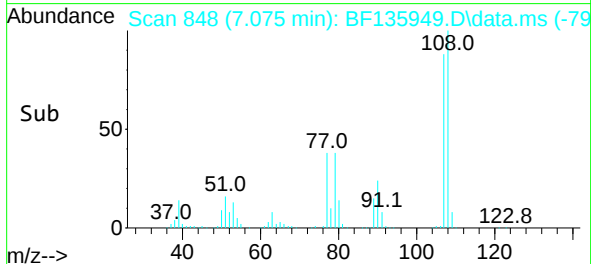
Instrument :
BNA_F
ClientSampleId :
PB156361BS



Tgt Ion:107 Resp: 448509
Ion Ratio Lower Upper
107 100
108 113.5 89.8 134.6
77 43.5 34.2 51.2
79 43.2 34.6 52.0

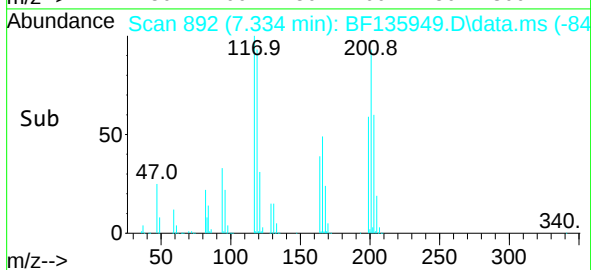
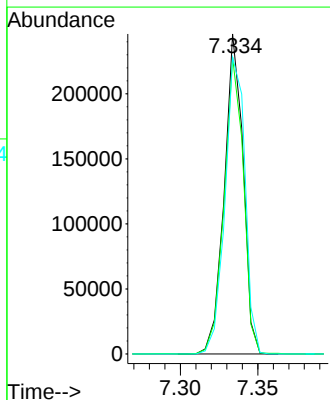
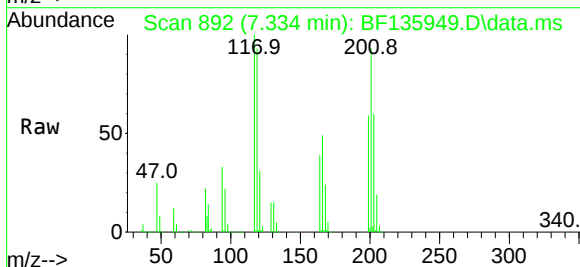
Manual Integrations
APPROVED

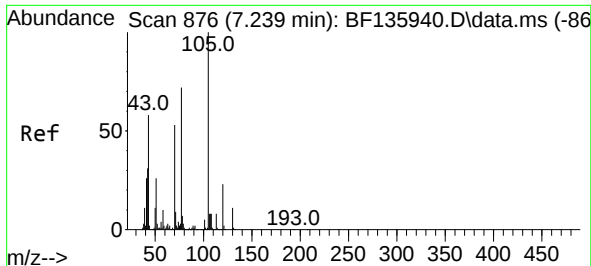
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#18
Hexachloroethane
Concen: 47.620 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:117 Resp: 207789
Ion Ratio Lower Upper
117 100
119 92.7 77.3 115.9
201 92.7 72.8 109.2





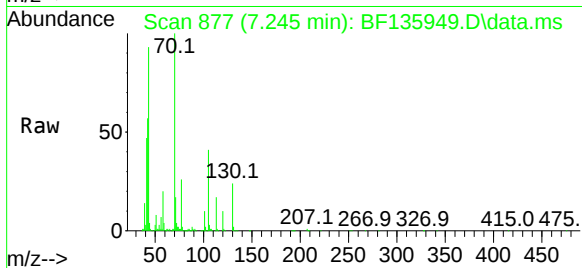
#19
n-Nitroso-di-n-propylamine
Concen: 43.930 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

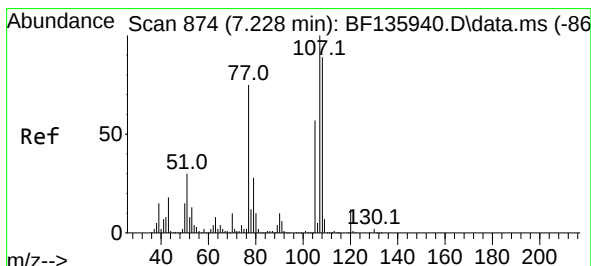
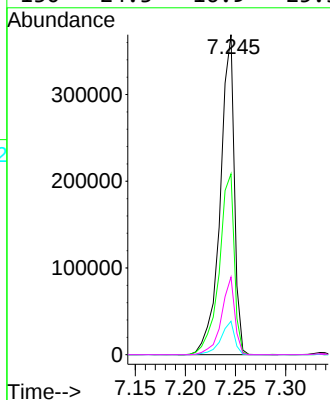
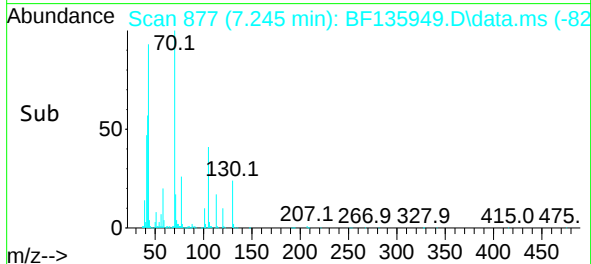


Tgt Ion: 70 Resp: 361384
Ion Ratio Lower Upper
70 100
42 56.5 47.3 70.9
101 10.5 7.8 11.8
130 24.3 16.9 25.3

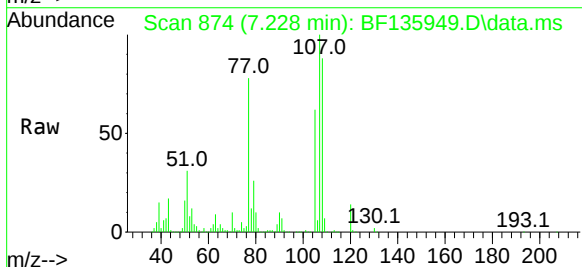
Manual Integrations

APPROVED

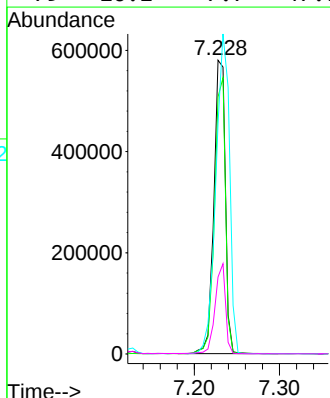
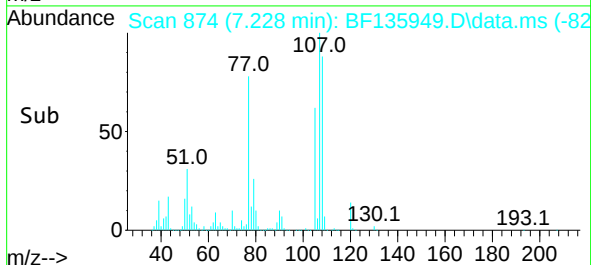
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

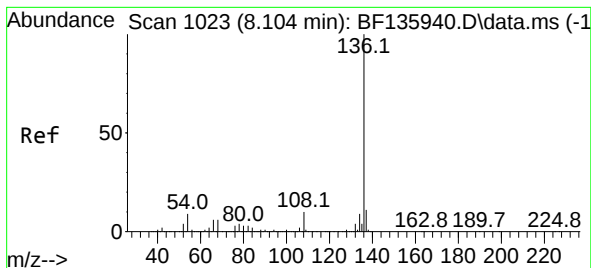


#20
3+4-Methylphenols
Concen: 42.213 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:107 Resp: 540146
Ion Ratio Lower Upper
107 100
108 87.5 69.1 109.1
77 78.4 55.0 95.0
79 26.2 7.7 47.7





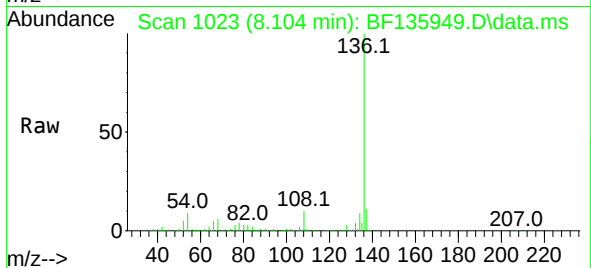
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

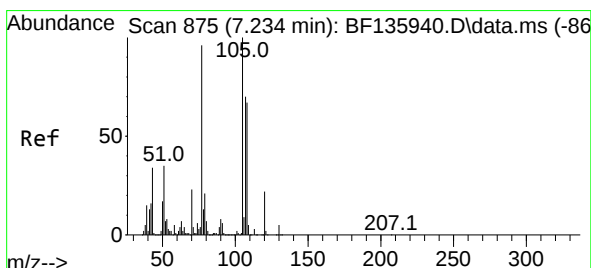
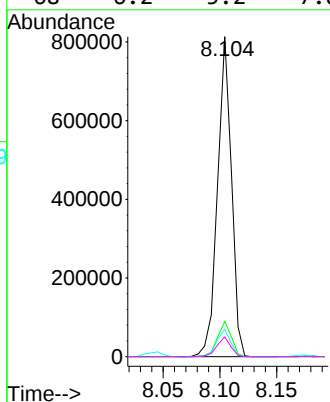
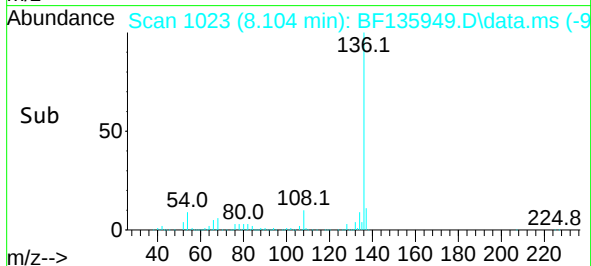
PB156361BS



Tgt Ion:136 Resp: 69549
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.6 7.1 10.7
68 6.2 5.2 7.8

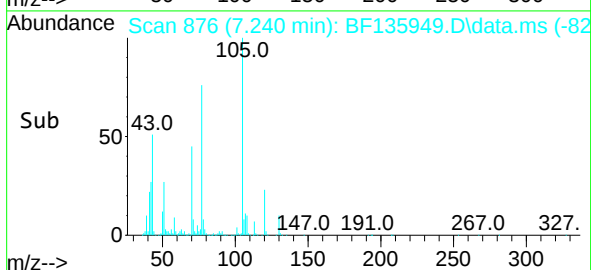
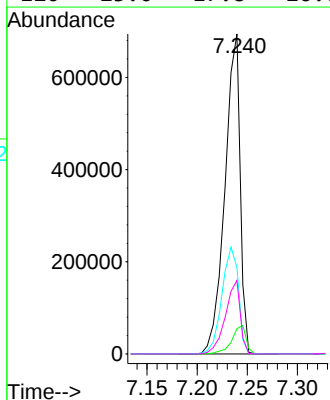
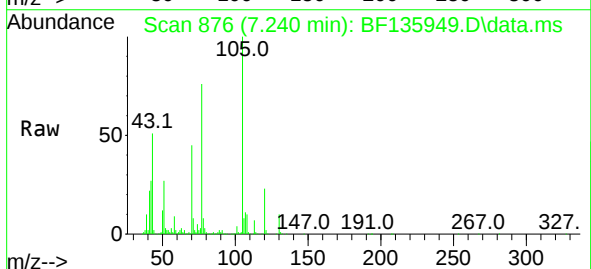
Manual Integrations
APPROVED

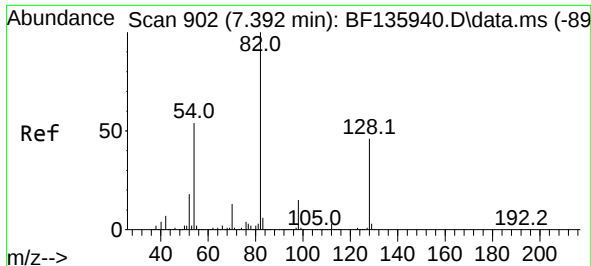
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#22
Acetophenone
Concen: 46.574 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:105 Resp: 731598
Ion Ratio Lower Upper
105 100
71 7.9 3.4 5.2#
51 27.1 28.4 42.6#
120 23.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 96.896 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.001 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Tgt Ion: 82 Resp: 1060238

Ion Ratio Lower Upper

82 100

128 47.7 36.8 55.2

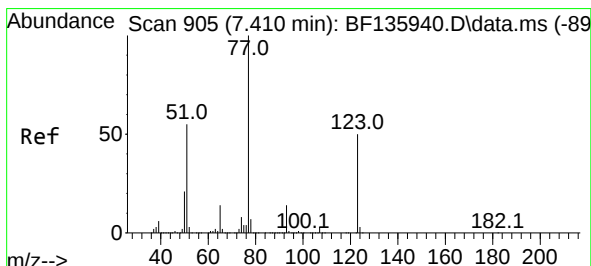
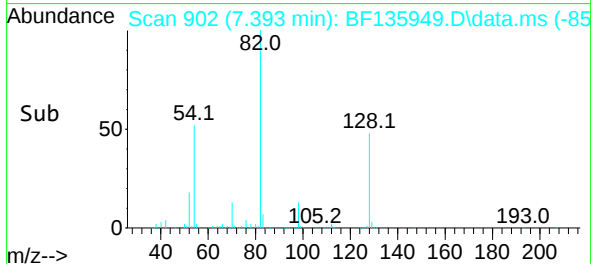
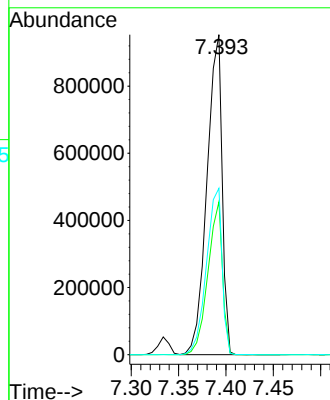
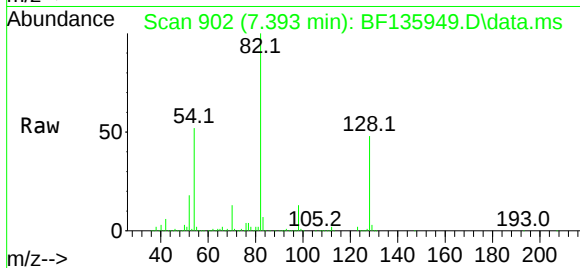
54 52.0 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#24

Nitrobenzene

Concen: 47.778 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

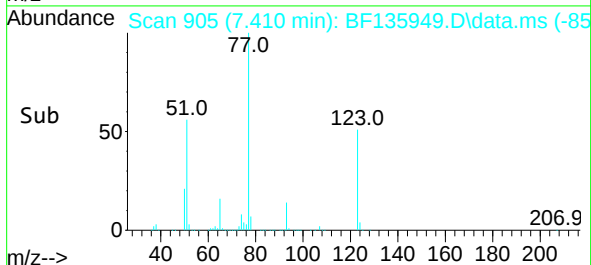
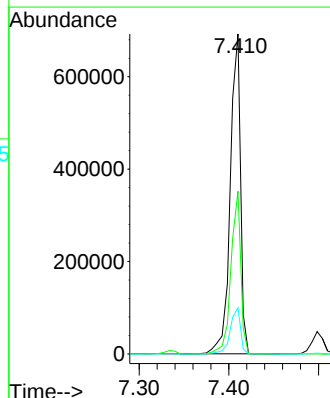
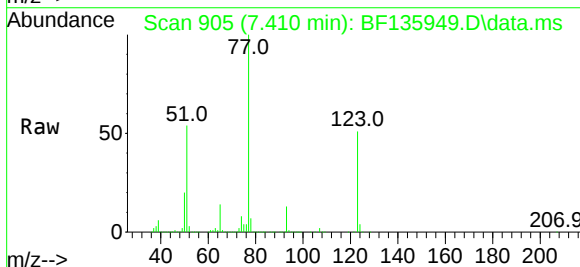
Tgt Ion: 77 Resp: 550150

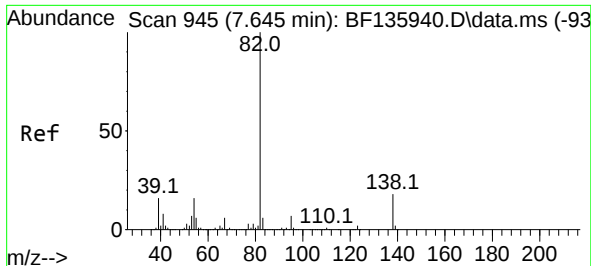
Ion Ratio Lower Upper

77 100

123 50.9 40.2 60.2

65 14.4 11.0 16.4





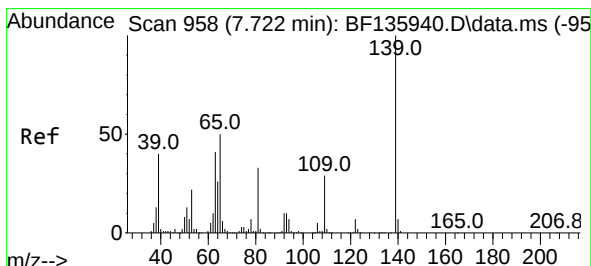
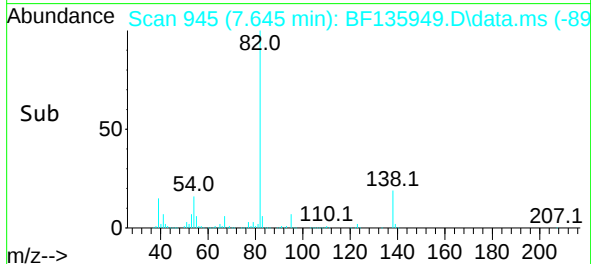
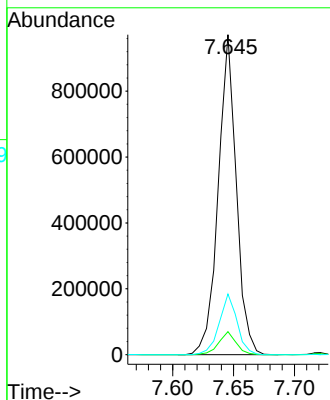
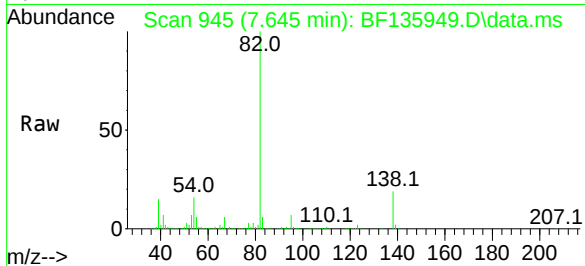
#25
Isophorone
Concen: 45.758 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :
BNA_F
ClientSampleId :
PB156361BS

Tgt Ion: 82 Resp: 100594
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.0 14.8 22.2

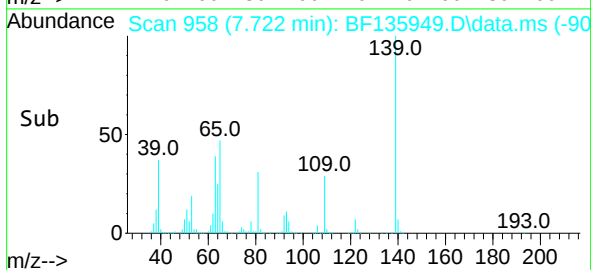
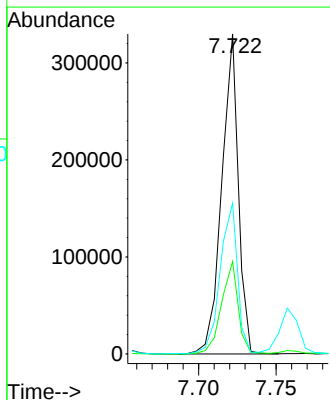
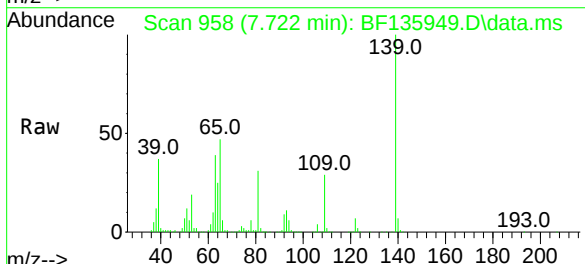
Manual Integrations
APPROVED

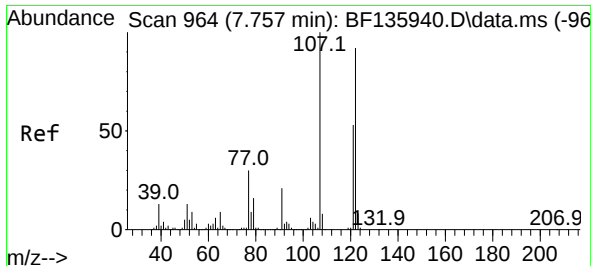
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#26
2-Nitrophenol
Concen: 56.213 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:139 Resp: 245383
Ion Ratio Lower Upper
139 100
109 28.9 23.1 34.7
65 47.2 39.8 59.8





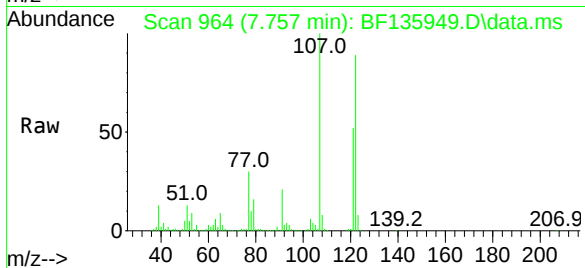
#27
2,4-Dimethylphenol
Concen: 43.045 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

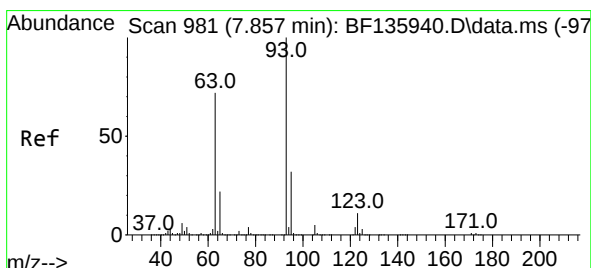
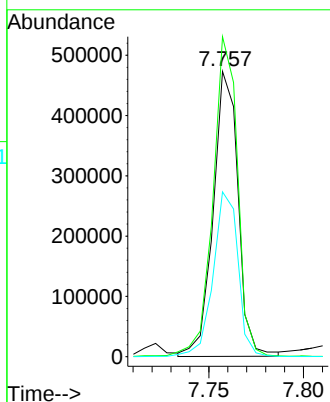
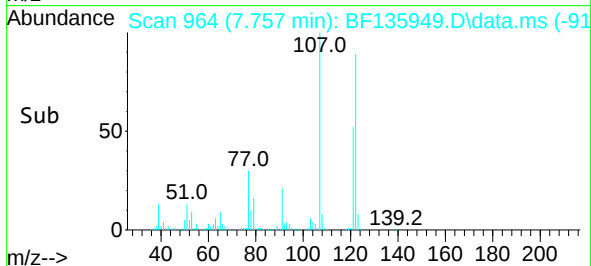


Tgt Ion:122 Resp: 431288
Ion Ratio Lower Upper
122 100
107 112.1 87.1 130.7
121 57.8 45.9 68.9

Manual Integrations

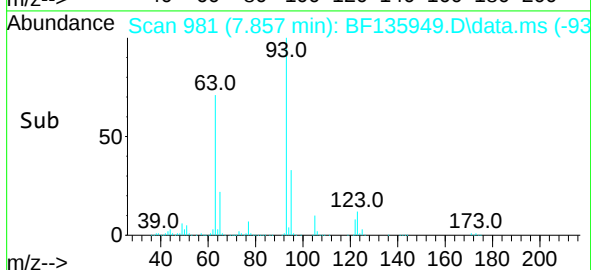
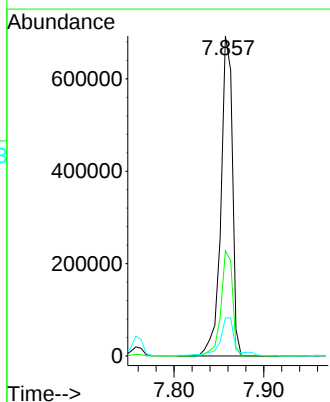
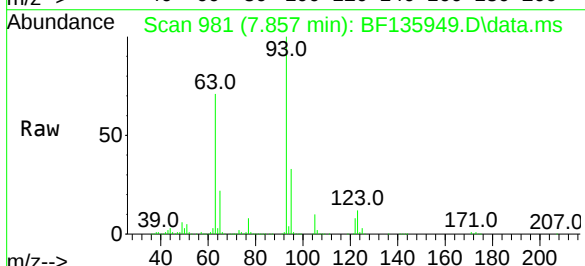
APPROVED

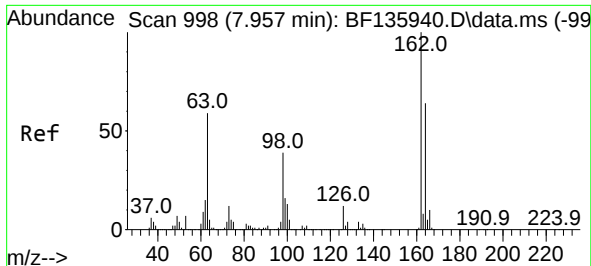
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.594 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion: 93 Resp: 615513
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 49.892 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

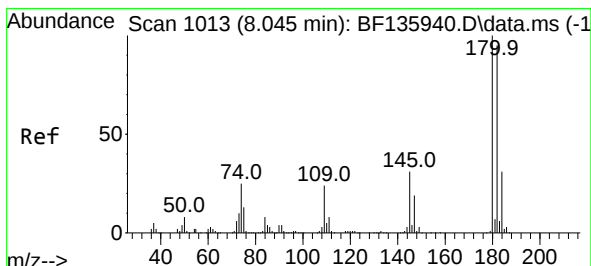
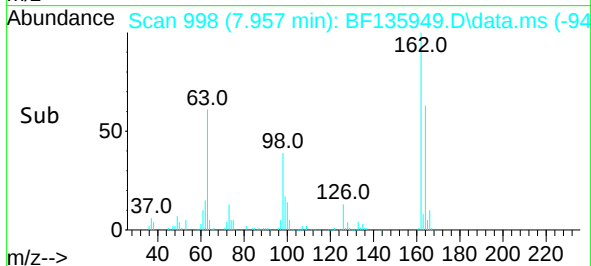
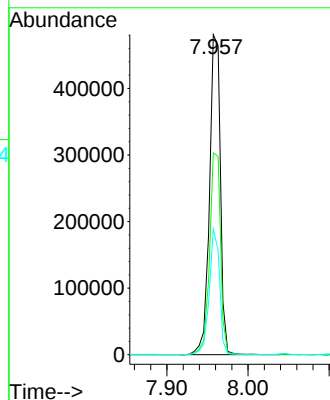
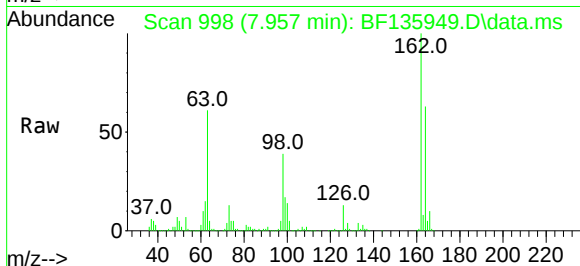
PB156361BS

Tgt Ion:162 Resp: 447634
 Ion Ratio Lower Upper
 162 100
 164 63.0 43.7 83.7
 98 39.3 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: 47.894 ng

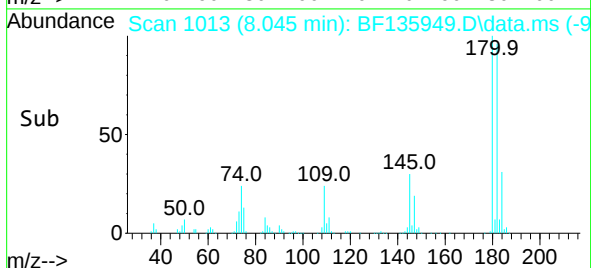
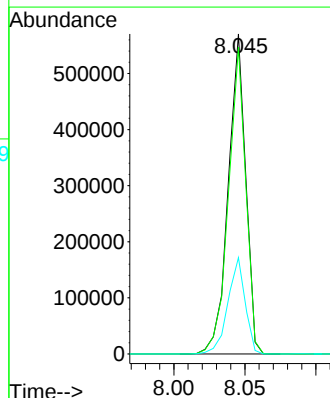
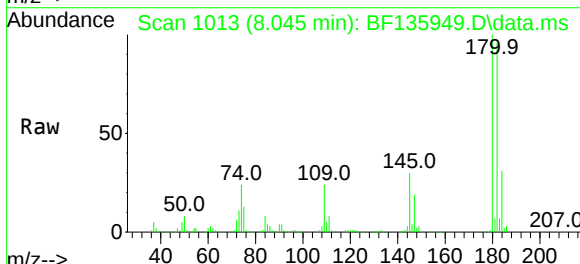
RT: 8.045 min Scan# 1013

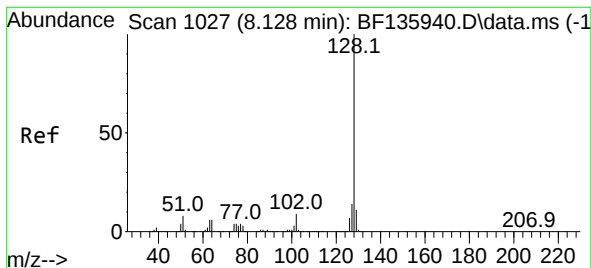
Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Tgt Ion:180 Resp: 486538
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.0 114.0
 145 30.1 24.6 36.8





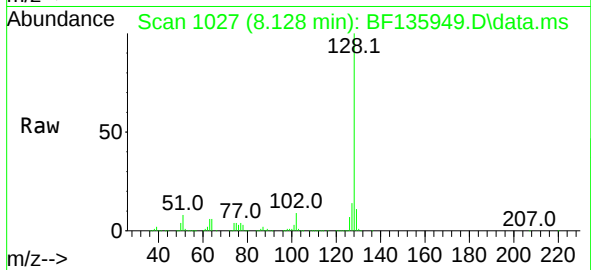
#31
Naphthalene
Concen: 45.431 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS



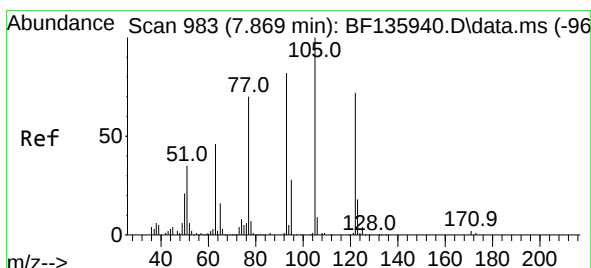
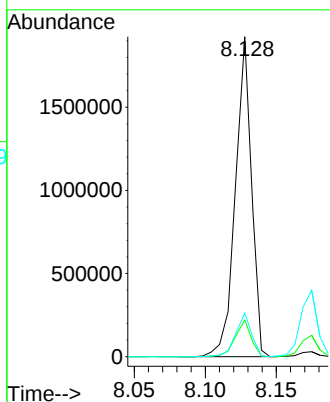
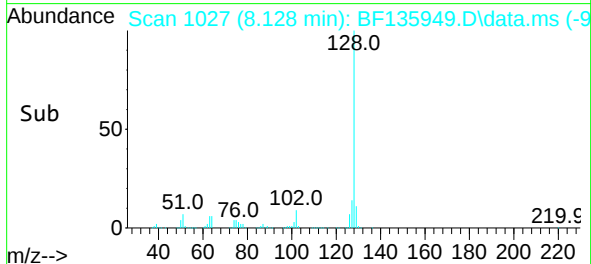
Tgt Ion:128 Resp: 152763
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.9 16.3

Manual Integrations

APPROVED

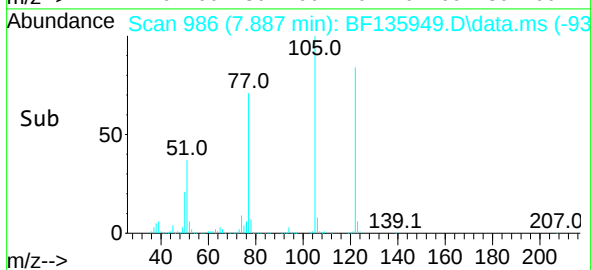
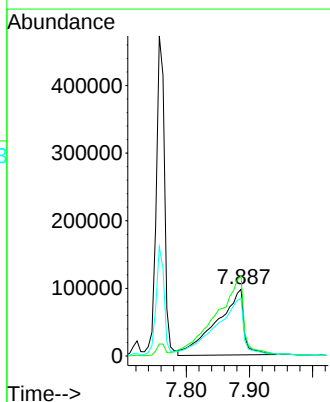
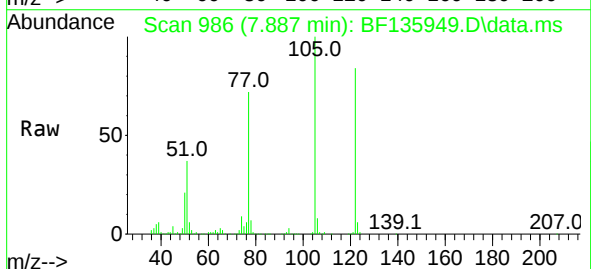
Reviewed By :Yogesh Patel 10/26/2023

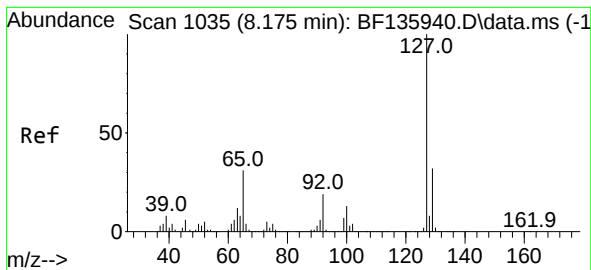
Supervised By :mohammad ahmed 10/26/2023



#32
Benzoic acid
Concen: 55.422 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:122 Resp: 292026
Ion Ratio Lower Upper
122 100
105 119.4 113.1 153.1
77 86.5 75.2 115.2





#33
4-Chloroaniline
Concen: 22.484 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

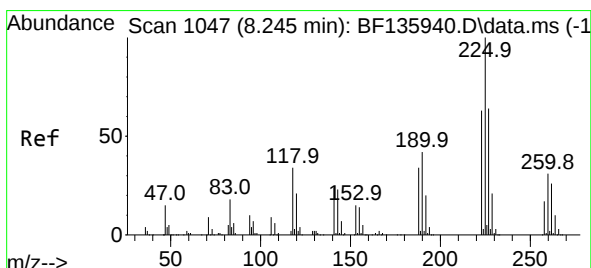
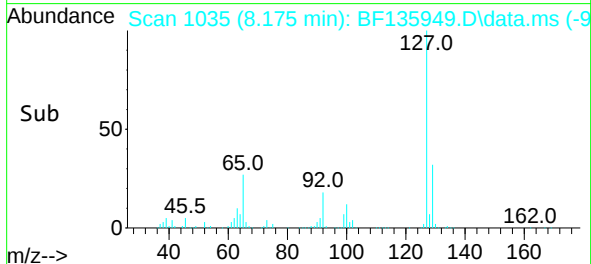
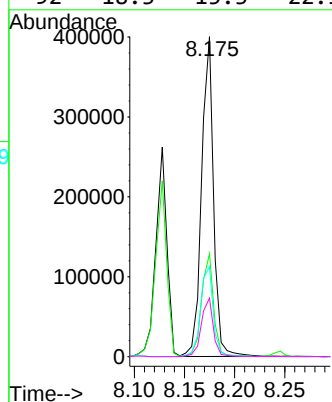
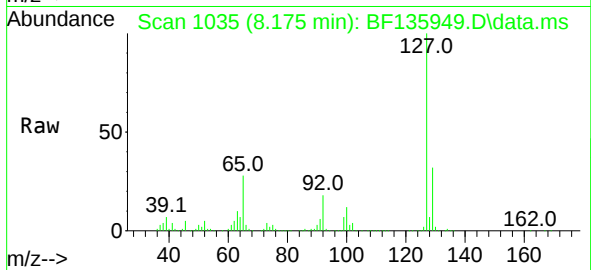
PB156361BS

Tgt Ion:127 Resp: 334159
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 28.1 24.8 37.2
92 18.3 15.3 22.9

Manual Integrations

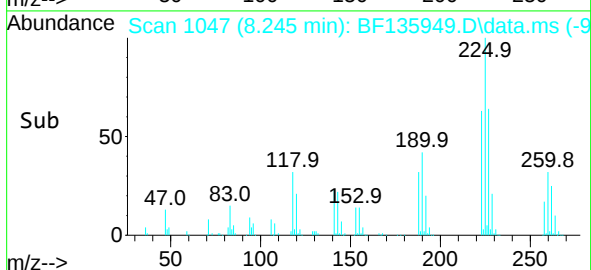
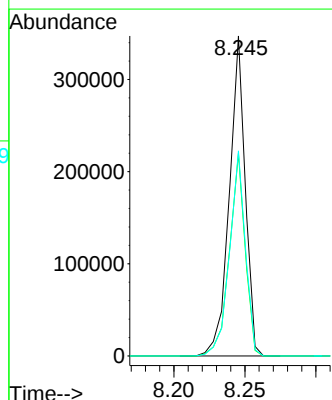
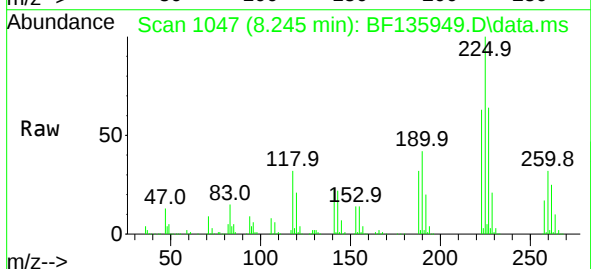
APPROVED

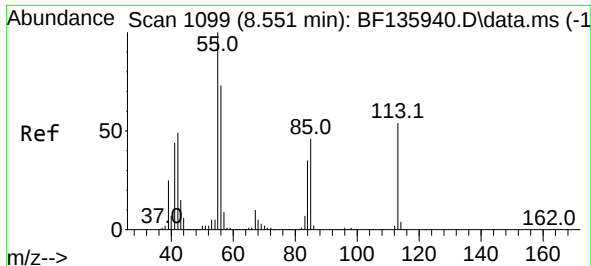
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#34
Hexachlorobutadiene
Concen: 47.147 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

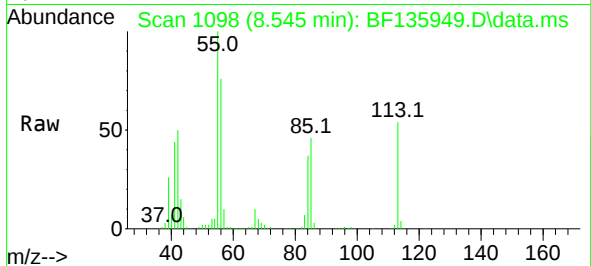
Tgt Ion:225 Resp: 269952
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 64.1 50.9 76.3





#35
Caprolactam
Concen: 51.898 ng m
RT: 8.545 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

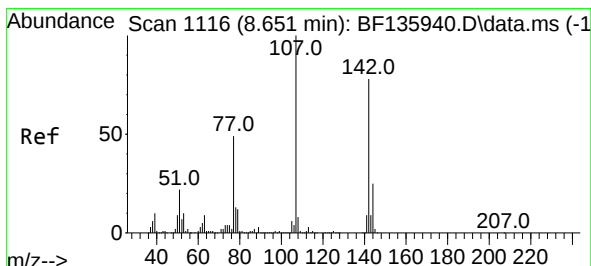
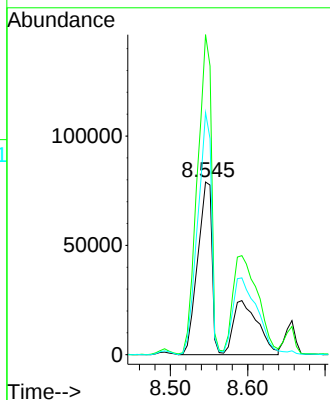
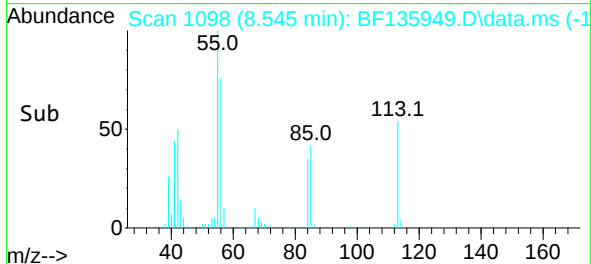
Instrument :
BNA_F
ClientSampleId :
PB156361BS



Tgt Ion:113 Resp: 154952
Ion Ratio Lower Upper
113 100
55 185.3 165.4 205.4
56 140.2 115.2 155.2

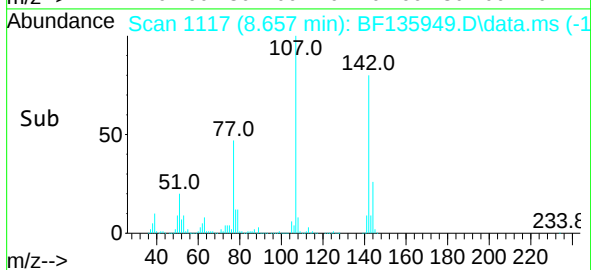
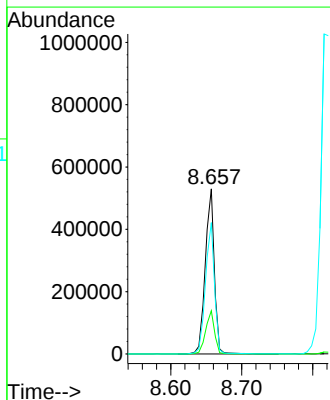
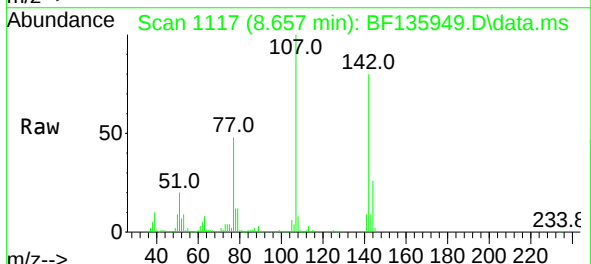
Manual Integrations
APPROVED

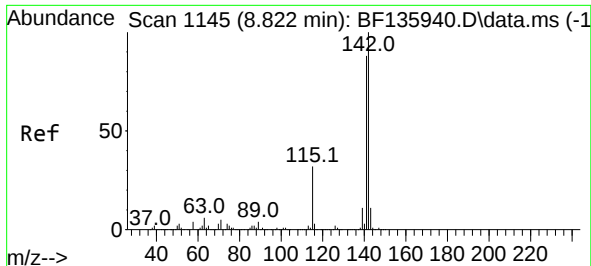
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#36
4-Chloro-3-methylphenol
Concen: 49.523 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:107 Resp: 472186
Ion Ratio Lower Upper
107 100
144 26.1 19.9 29.9
142 79.6 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.377 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Tgt Ion:142 Resp: 965038

Ion Ratio Lower Upper

142 100

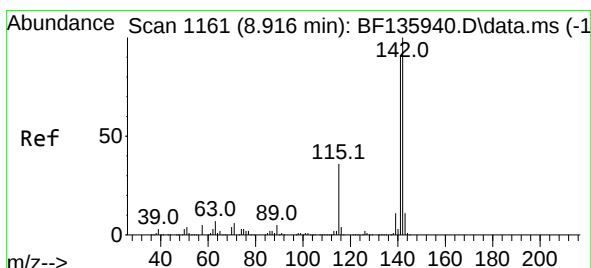
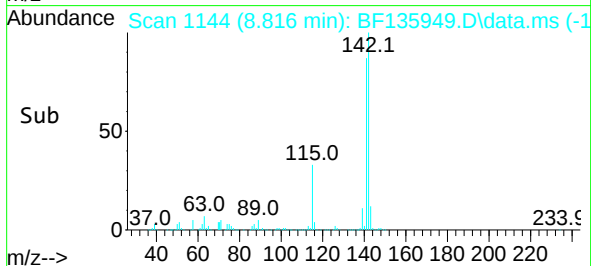
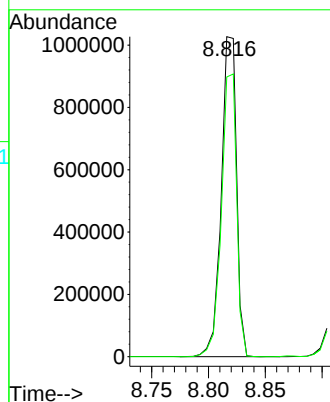
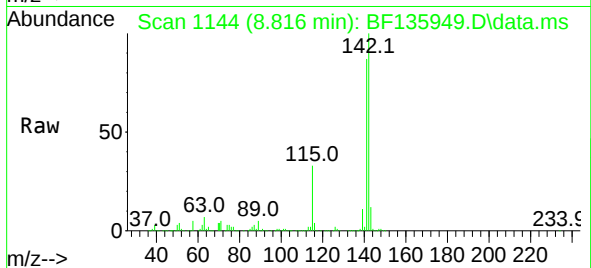
141 87.4 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#38

1-Methylnaphthalene

Concen: 45.302 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135949.D

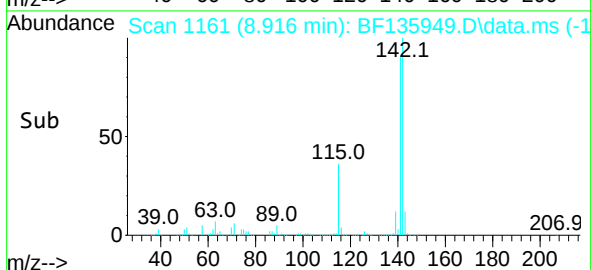
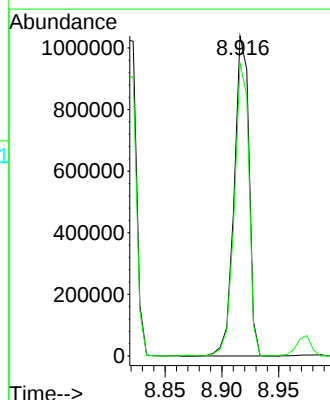
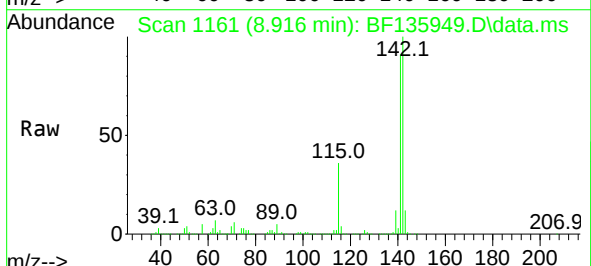
Acq: 25 Oct 2023 19:25

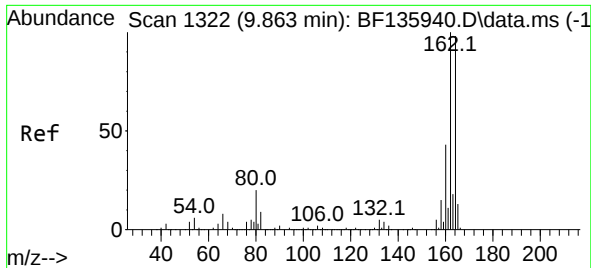
Tgt Ion:142 Resp: 941757

Ion Ratio Lower Upper

142 100

141 91.4 73.1 109.7





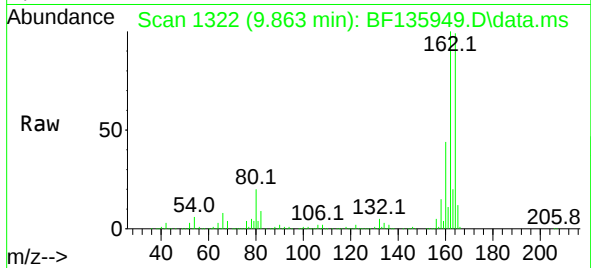
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

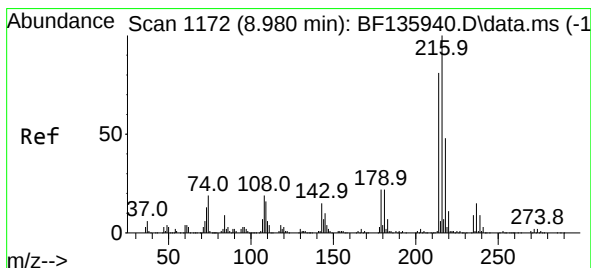
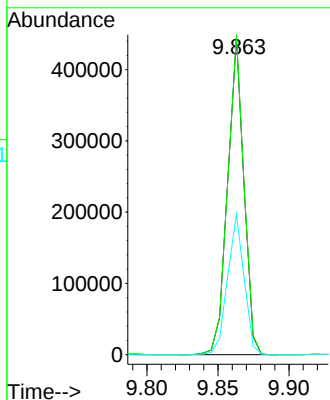
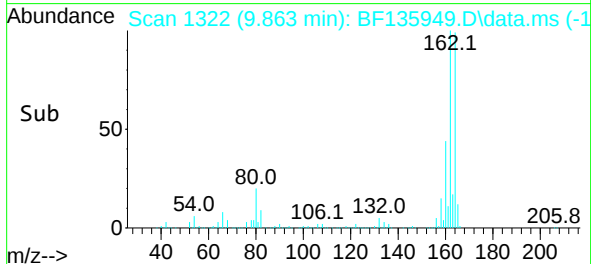


Tgt Ion:164 Resp: 35361
Ion Ratio Lower Upper
164 100
162 100.7 82.0 123.0
160 44.3 35.6 53.4

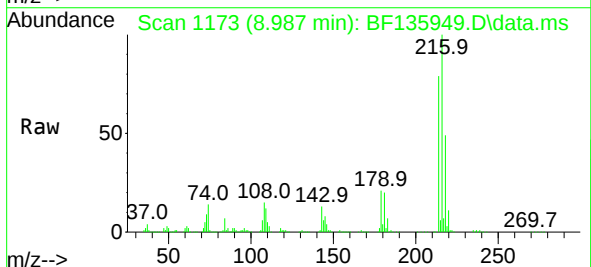
Manual Integrations

APPROVED

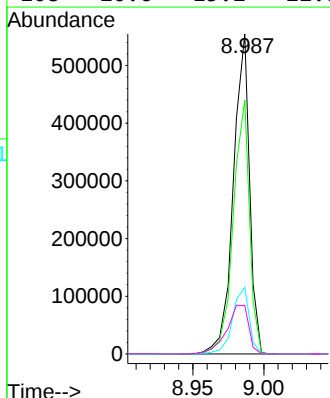
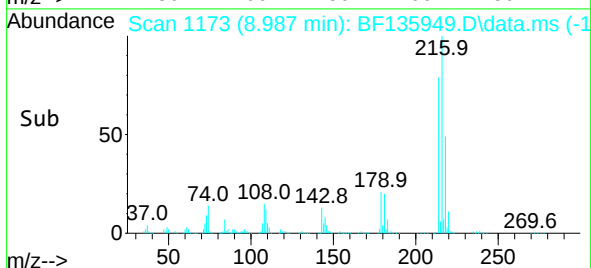
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

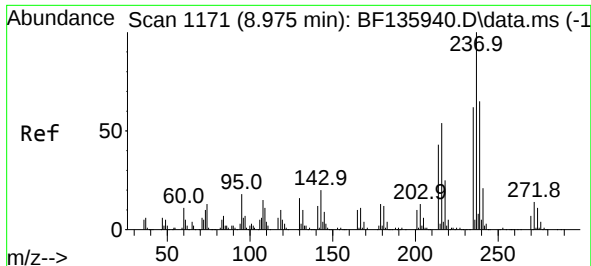


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.154 ng
RT: 8.987 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:216 Resp: 440990
Ion Ratio Lower Upper
216 100
214 79.5 63.3 94.9
179 21.4 17.3 25.9
108 20.6 15.2 22.8





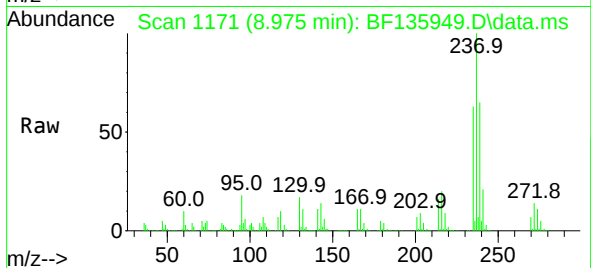
#41
Hexachlorocyclopentadiene
Concen: 100.250 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

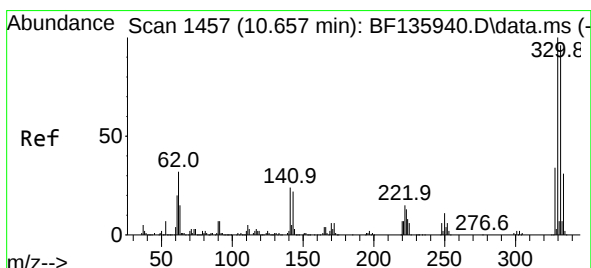
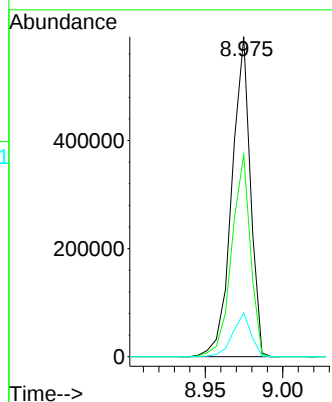
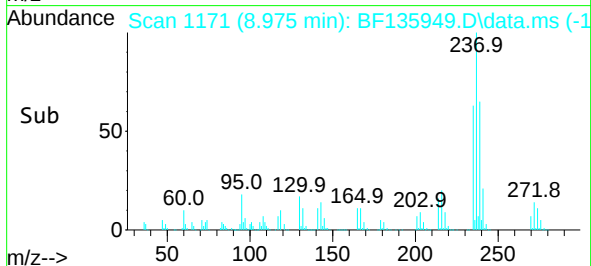


Tgt Ion:237 Resp: 493700
Ion Ratio Lower Upper
237 100
235 63.1 41.7 81.7
272 13.6 0.0 33.6

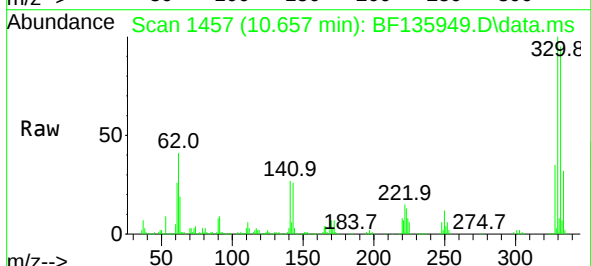
Manual Integrations

APPROVED

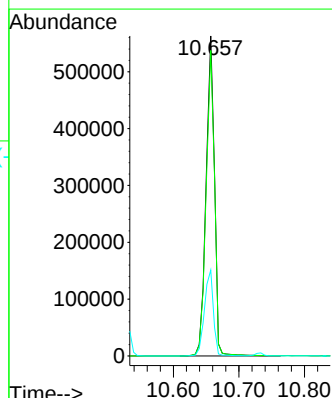
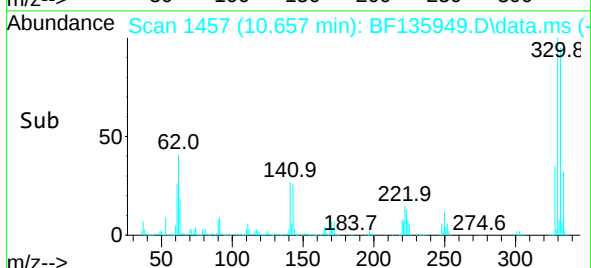
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

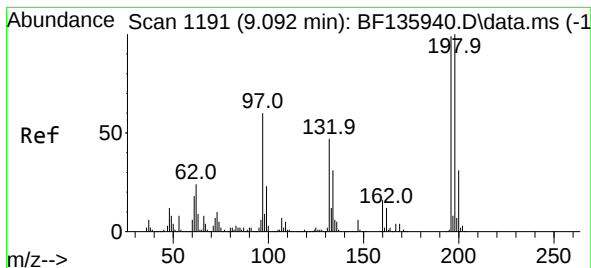


#42
2,4,6-Tribromophenol
Concen: 162.461 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:330 Resp: 502849
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 28.8 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 51.375 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

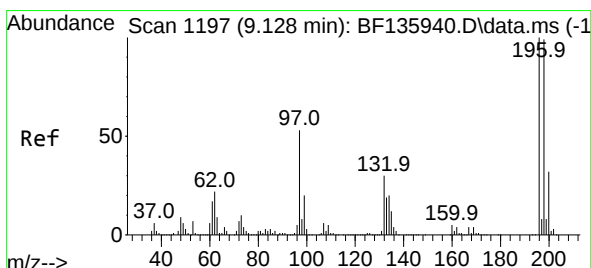
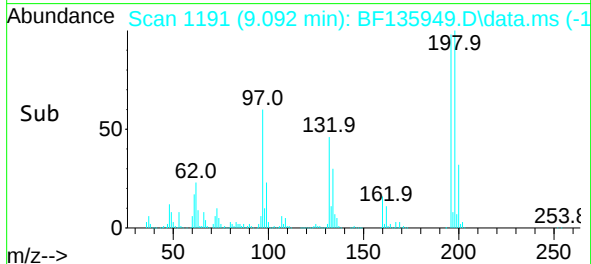
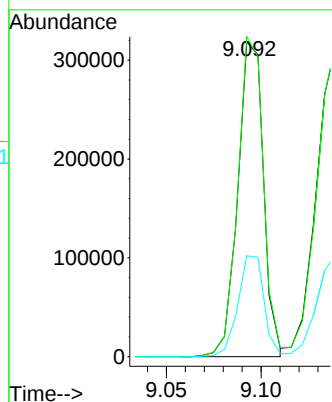
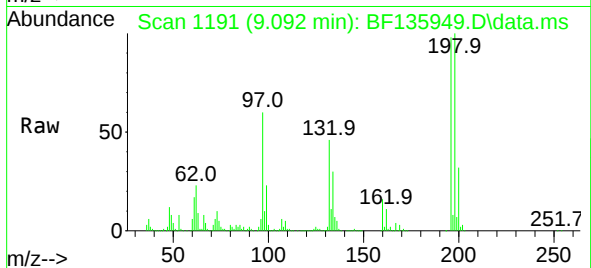
PB156361BS

Tgt Ion:196 Resp: 300310
 Ion Ratio Lower Upper
 196 100
 198 101.7 81.0 121.4
 200 32.1 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: 48.616 ng

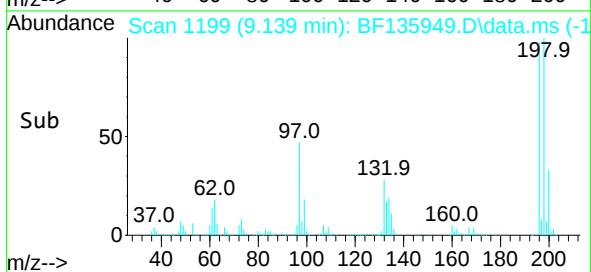
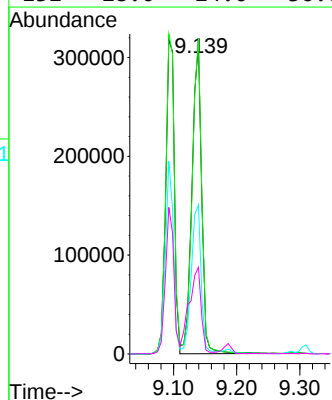
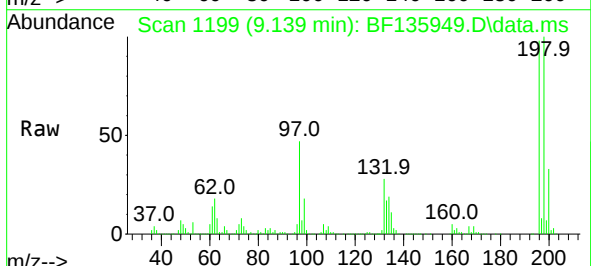
RT: 9.139 min Scan# 1199

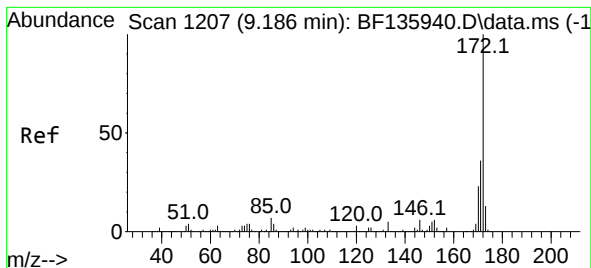
Delta R.T. 0.012 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Tgt Ion:196 Resp: 337422
 Ion Ratio Lower Upper
 196 100
 198 101.6 79.1 118.7
 97 48.0 42.3 63.5
 132 28.0 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 85.750 ng

RT: 9.187 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Tgt Ion:172 Resp: 1893680

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

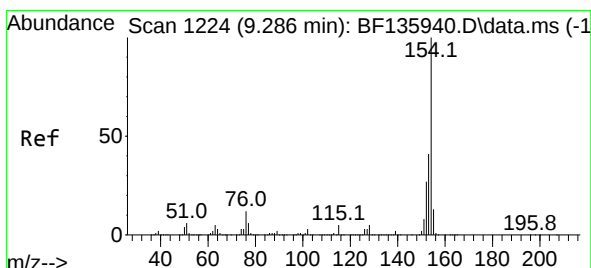
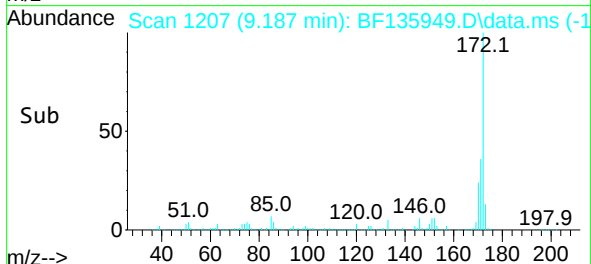
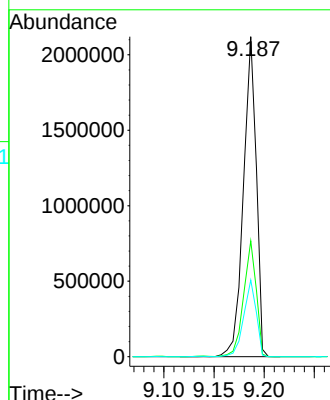
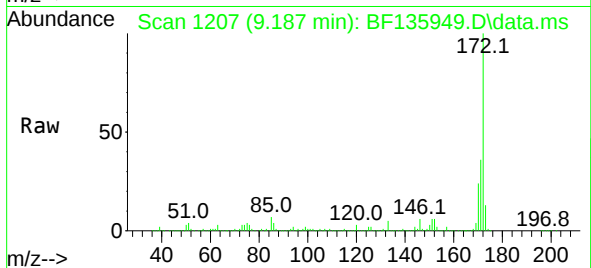
170 24.0 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#46

1,1'-Biphenyl

Concen: 45.037 ng

RT: 9.287 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

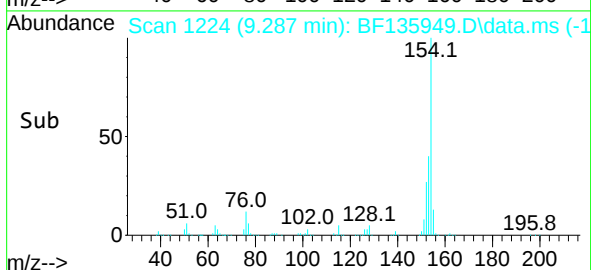
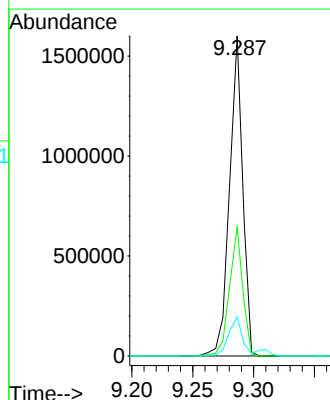
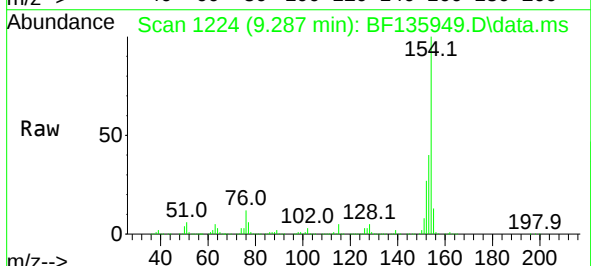
Tgt Ion:154 Resp: 1206747

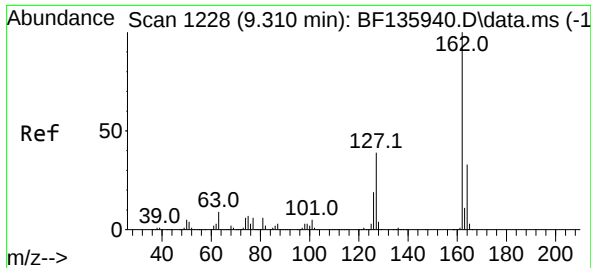
Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

76 12.2 0.0 32.4





#47
2-Chloronaphthalene
Concen: 46.841 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

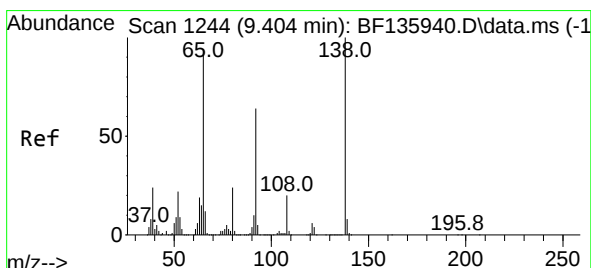
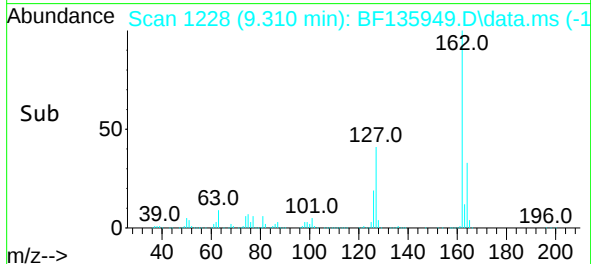
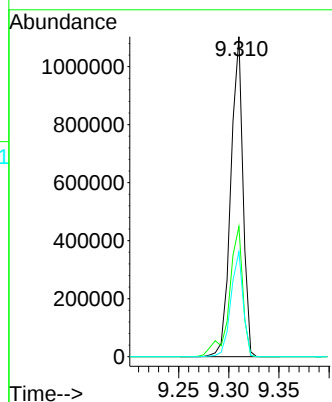
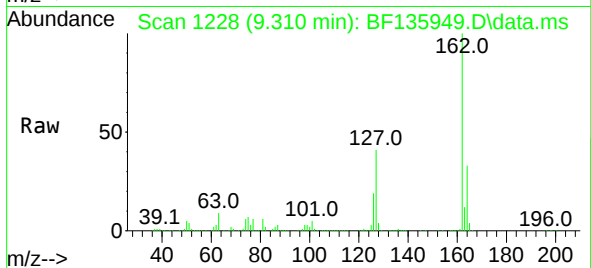
ClientSampleId :

PB156361BS

Tgt Ion:162 Resp: 928348
Ion Ratio Lower Upper
162 100
127 40.7 31.0 46.4
164 32.8 26.6 39.8

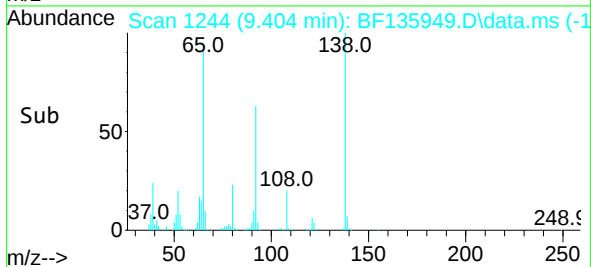
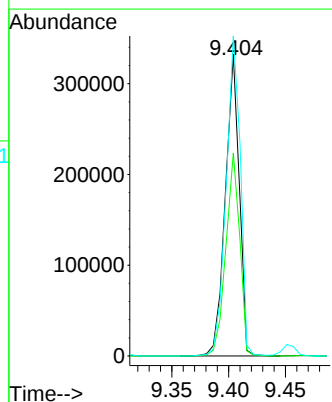
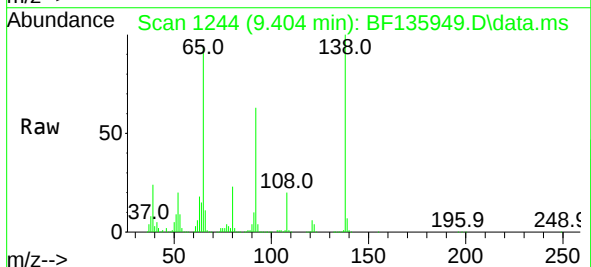
Manual Integrations
APPROVED

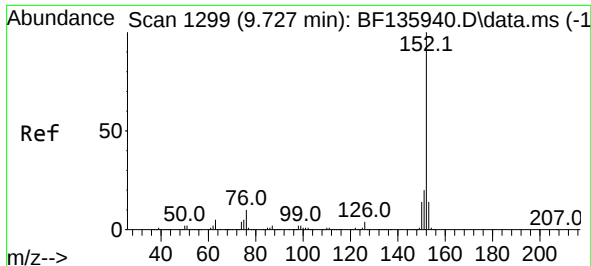
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#48
2-Nitroaniline
Concen: 51.615 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion: 65 Resp: 284293
Ion Ratio Lower Upper
65 100
92 67.3 54.9 82.3
138 106.1 85.2 127.8





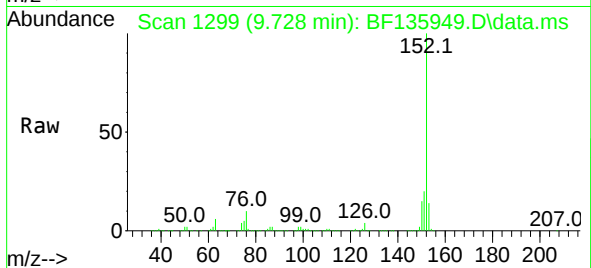
#49
Acenaphthylene
Concen: 47.249 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

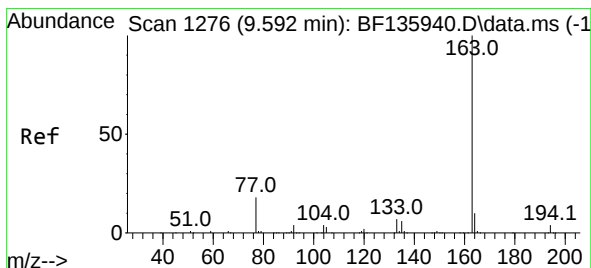
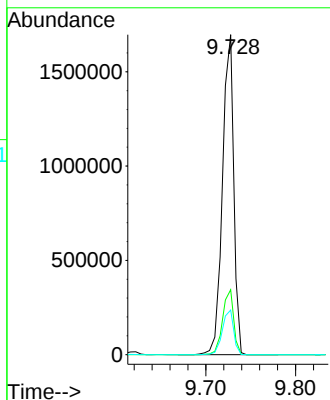
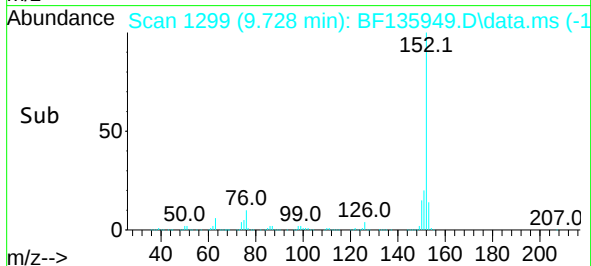
PB156361BS



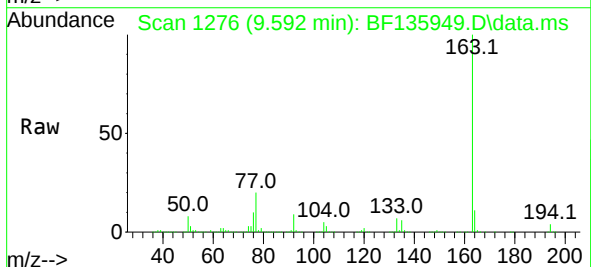
Tgt Ion:152 Resp: 1477328
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.9 11.0 16.6

Manual Integrations
APPROVED

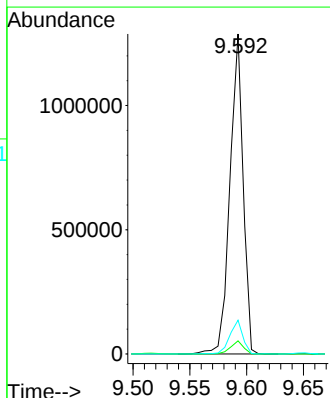
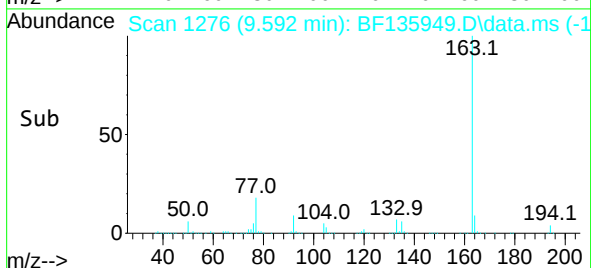
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

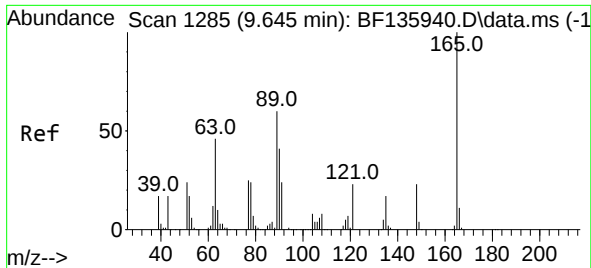


#50
Dimethylphthalate
Concen: 45.345 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:163 Resp: 1039847
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 49.415 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

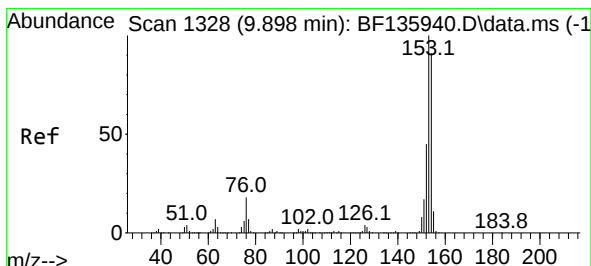
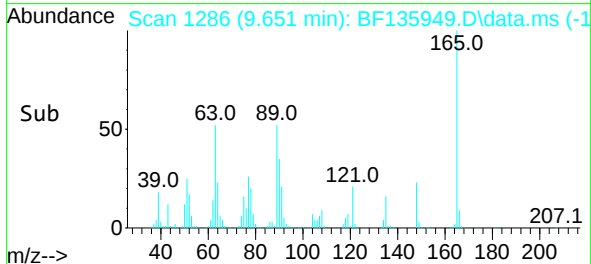
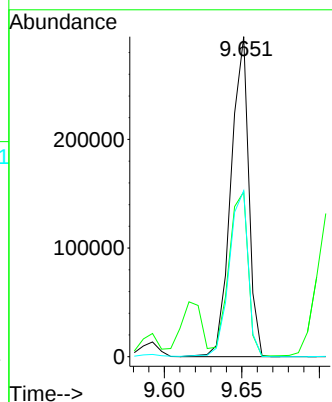
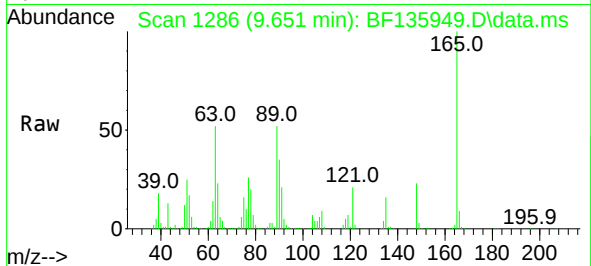
ClientSampleId :

PB156361BS

Tgt Ion:165 Resp: 23568
Ion Ratio Lower Upper
165 100
63 51.5 51.7 77.5
89 51.8 48.3 72.5

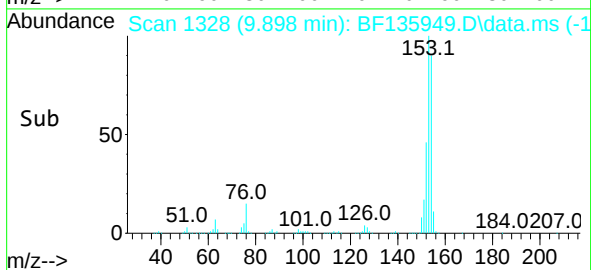
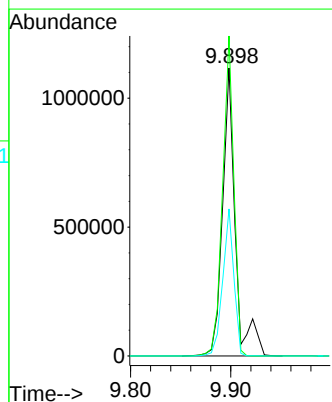
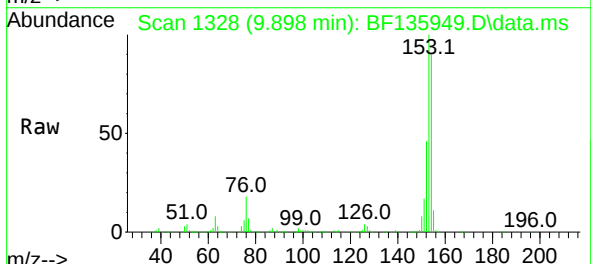
Manual Integrations
APPROVED

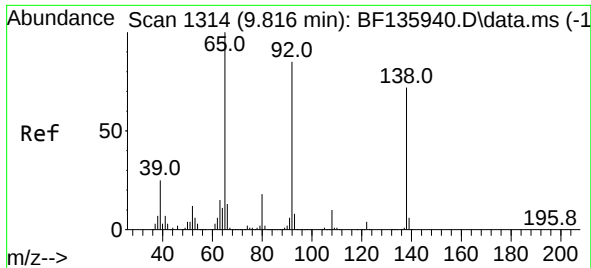
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#52
Acenaphthene
Concen: 49.316 ng m
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:154 Resp: 988192
Ion Ratio Lower Upper
154 100
153 111.1 88.0 132.0
152 51.0 39.4 59.2





#53
3-Nitroaniline
Concen: 36.344 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

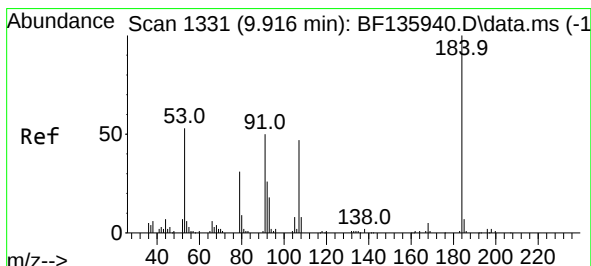
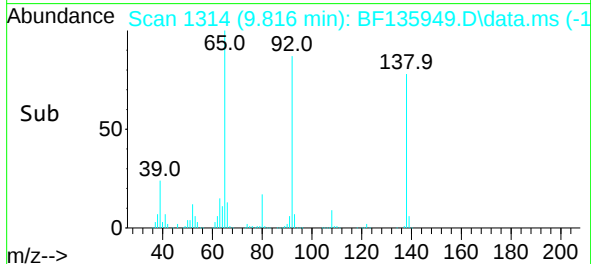
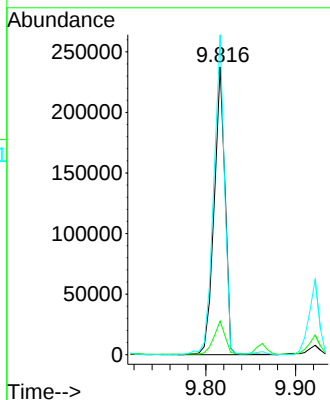
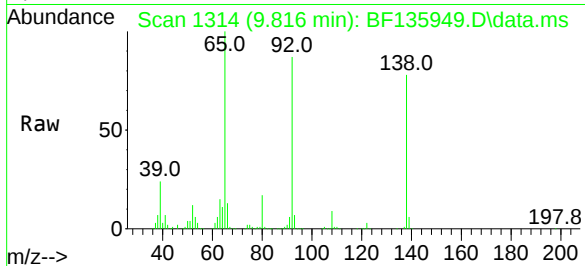
ClientSampleId :

PB156361BS

Tgt Ion:138 Resp: 199790
Ion Ratio Lower Upper
138 100
108 11.7 11.3 16.9
92 111.2 95.0 142.6

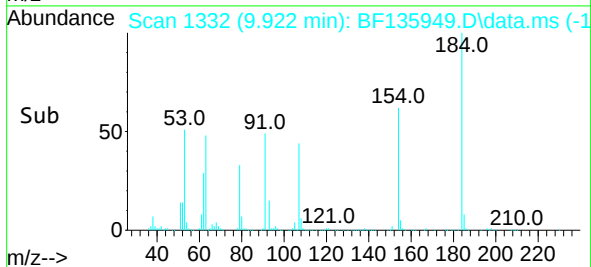
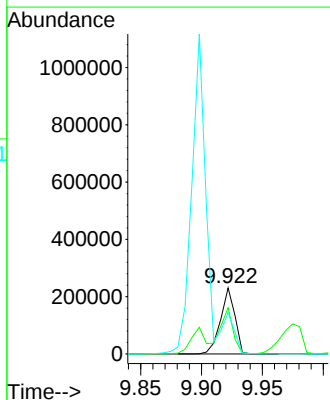
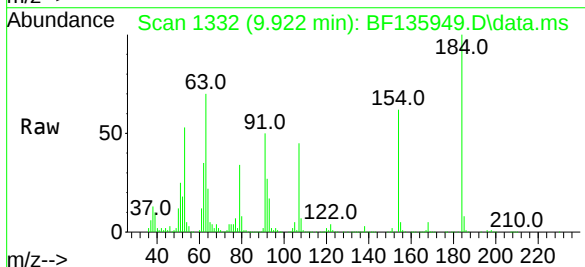
Manual Integrations
APPROVED

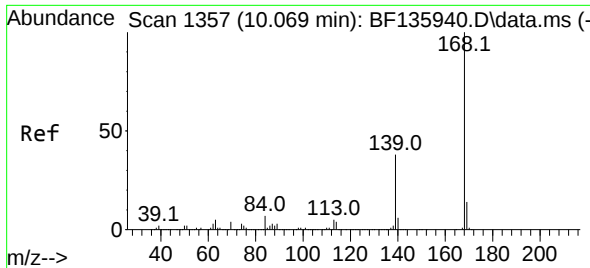
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#54
2,4-Dinitrophenol
Concen: 92.669 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:184 Resp: 190683
Ion Ratio Lower Upper
184 100
63 69.9 56.3 84.5
154 62.4 48.1 72.1





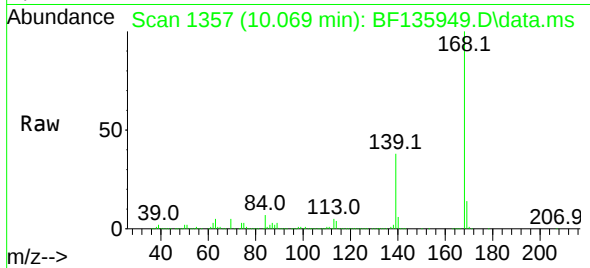
#55
Dibenzenofuran
Concen: 45.123 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS



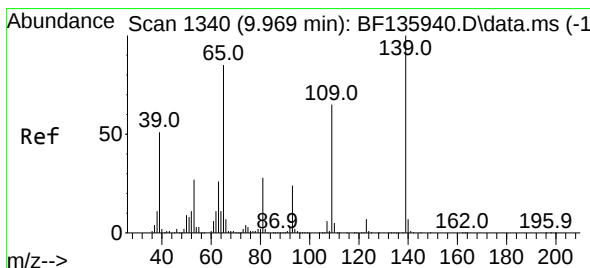
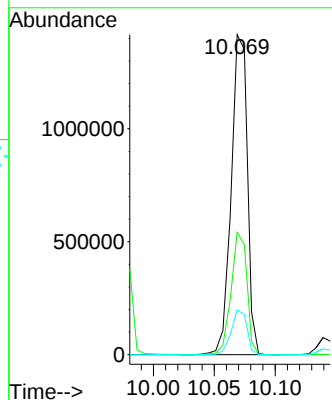
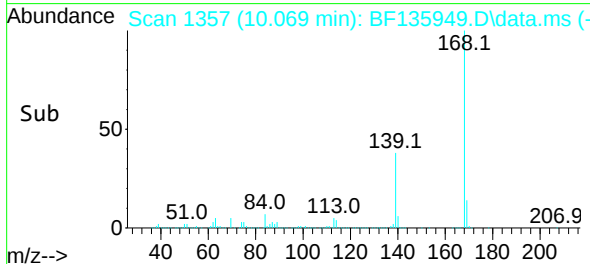
Tgt Ion:168 Resp: 1306194
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 14.0 11.1 16.7

Manual Integrations

APPROVED

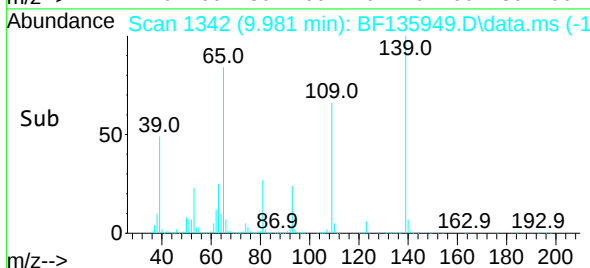
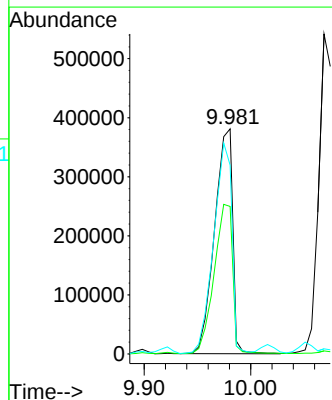
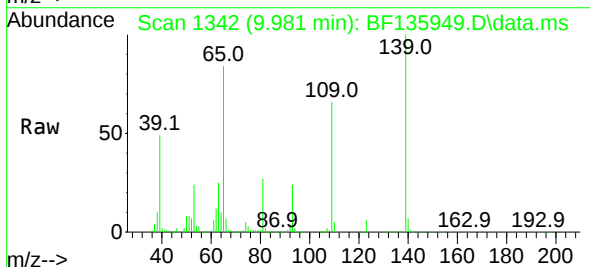
Reviewed By :Yogesh Patel 10/26/2023

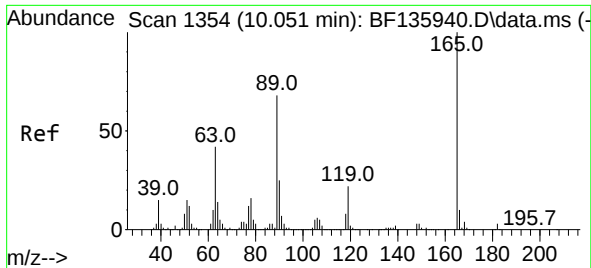
Supervised By :mohammad ahmed 10/26/2023



#56
4-Nitrophenol
Concen: 95.641 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:139 Resp: 448507
Ion Ratio Lower Upper
139 100
109 65.6 45.2 85.2
65 83.9 65.1 105.1





#57
2,4-Dinitrotoluene
Concen: 52.946 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

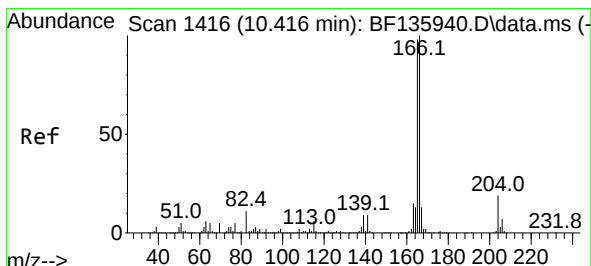
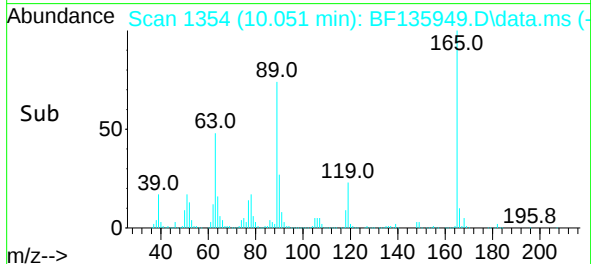
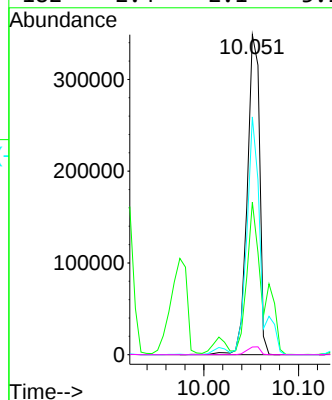
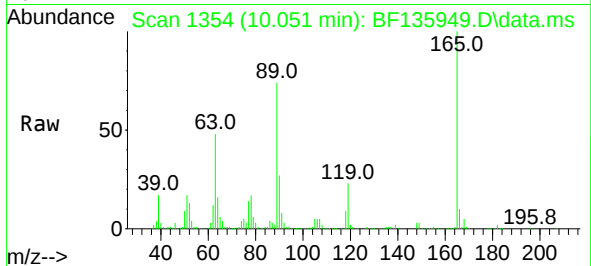
PB156361BS

Tgt Ion:165 Resp: 315598
Ion Ratio Lower Upper
165 100
63 47.6 33.7 50.5
89 74.3 54.6 81.8
182 2.4 2.1 3.1

Manual Integrations

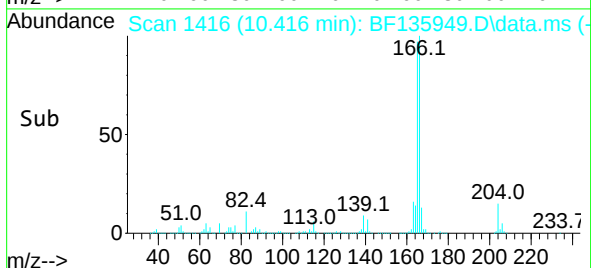
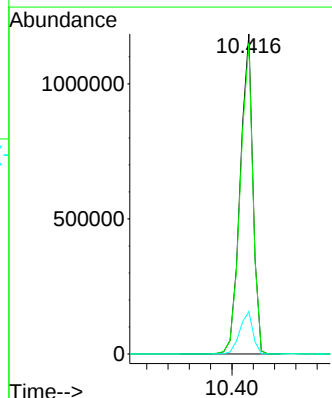
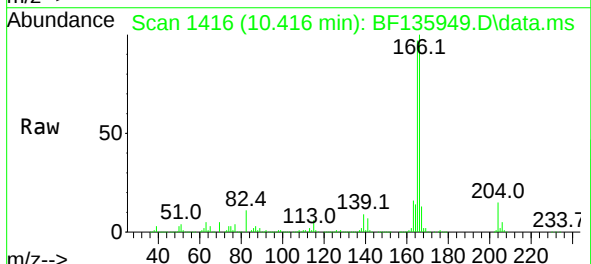
APPROVED

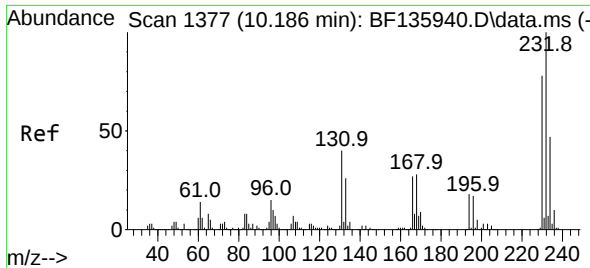
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#58
Fluorene
Concen: 45.261 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:166 Resp: 980227
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.2 10.6 16.0





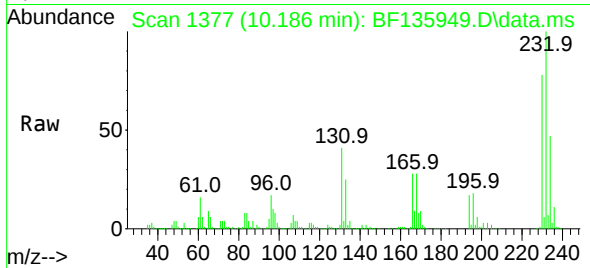
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.988 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

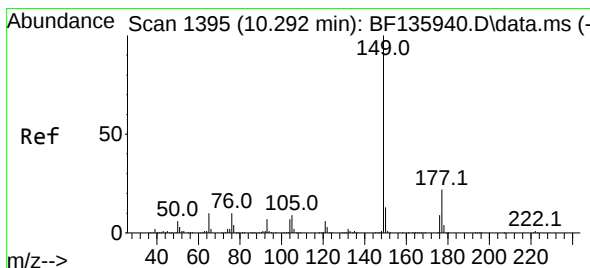
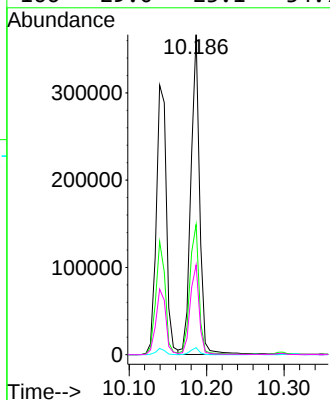
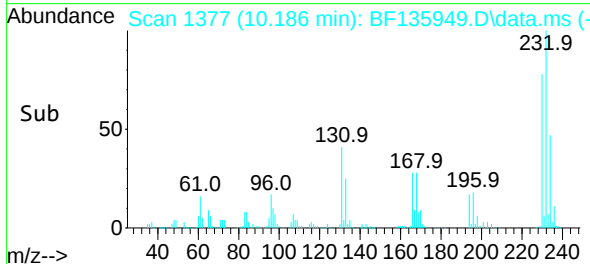


Tgt Ion:232 Resp: 287180
Ion Ratio Lower Upper
232 100
131 42.7 35.2 52.8
130 2.2 1.7 2.5
166 29.0 23.1 34.7

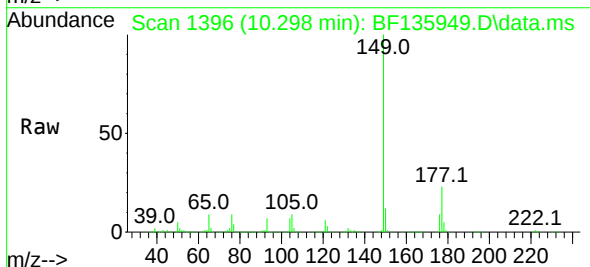
Manual Integrations

APPROVED

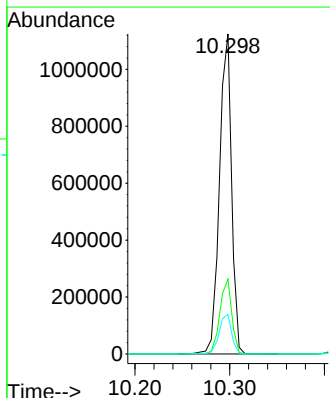
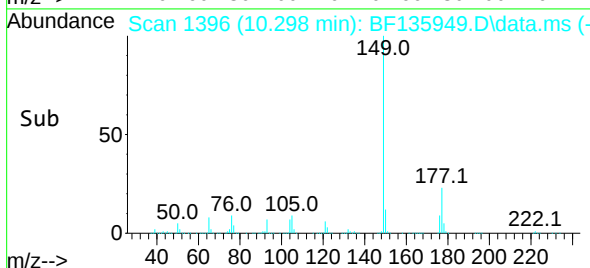
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

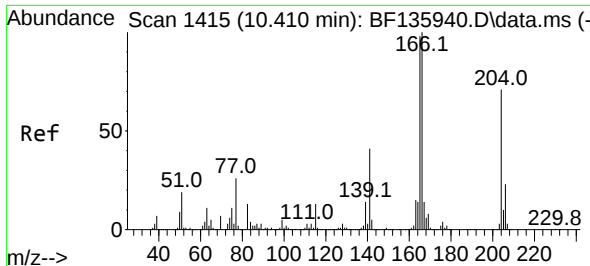


#60
Diethylphthalate
Concen: 45.825 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:149 Resp: 1002086
Ion Ratio Lower Upper
149 100
177 23.4 17.9 26.9
150 12.4 10.2 15.2





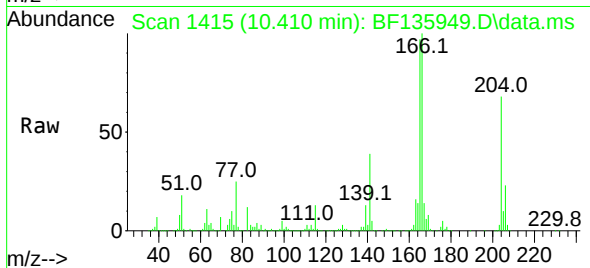
#61
4-Chlorophenyl-phenylether
Concen: 43.967 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

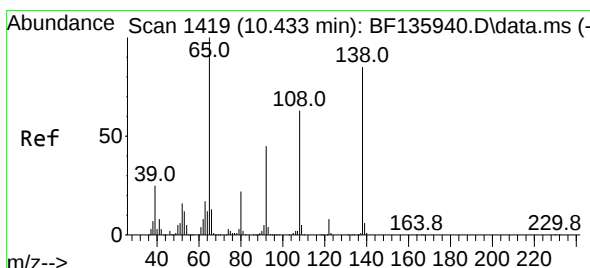
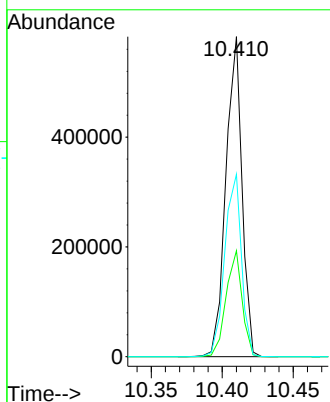
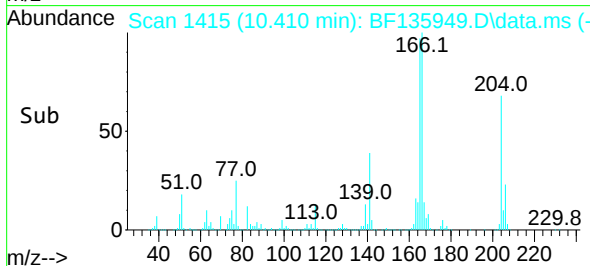


Tgt Ion:204 Resp: 45932
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 57.0 46.2 69.2

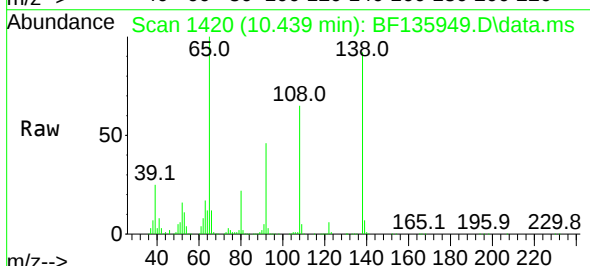
Manual Integrations

APPROVED

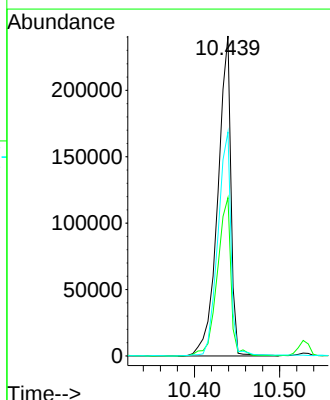
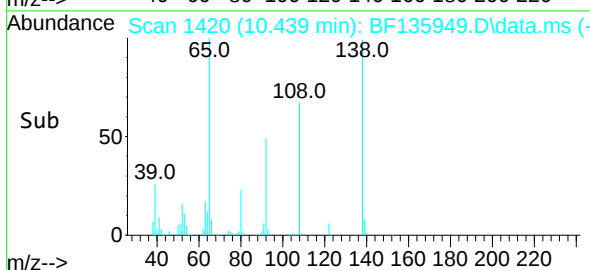
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

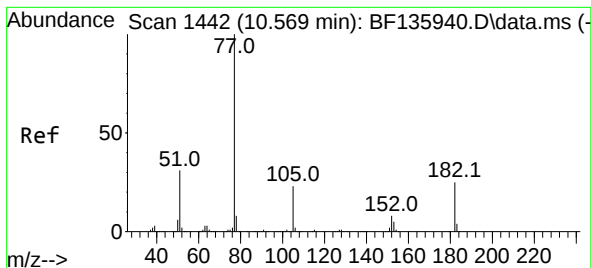


#62
4-Nitroaniline
Concen: 46.059 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:138 Resp: 258264
Ion Ratio Lower Upper
138 100
92 49.5 32.9 72.9
108 70.0 53.5 93.5





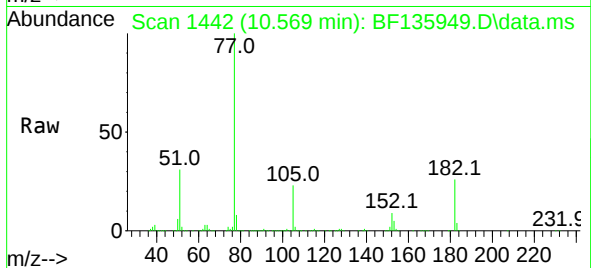
#63
Azobenzene
Concen: 45.022 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

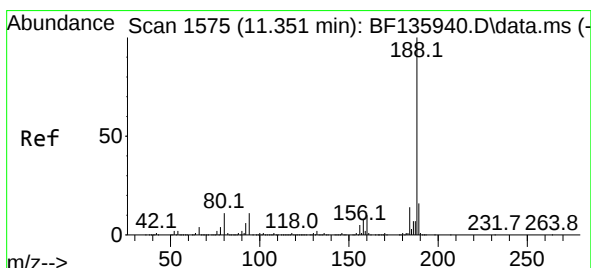
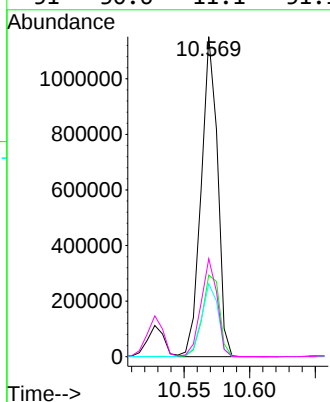
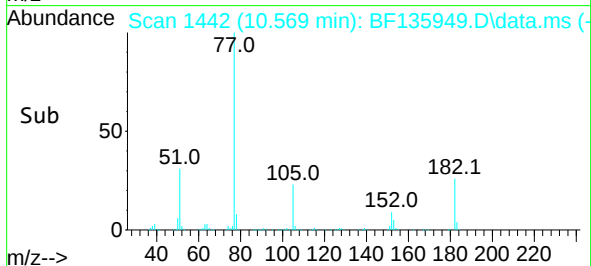


Tgt Ion: 77 Resp: 999110
Ion Ratio Lower Upper
77 100
182 25.5 5.1 45.1
105 22.8 2.8 42.8
51 30.6 11.1 51.1

Manual Integrations

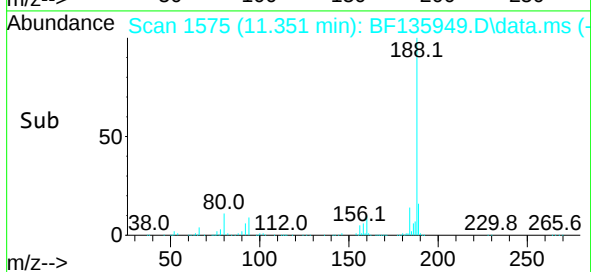
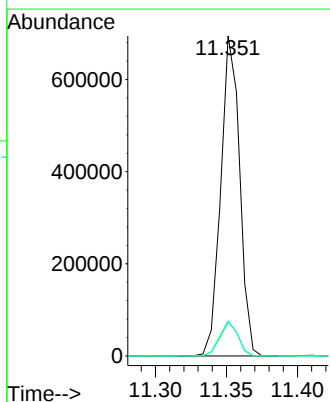
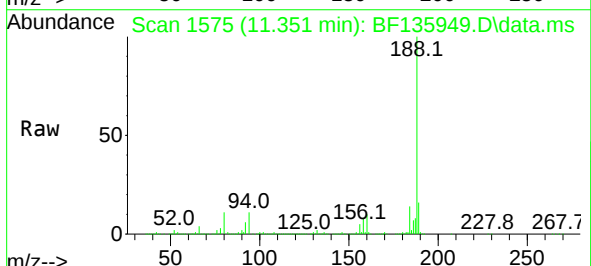
APPROVED

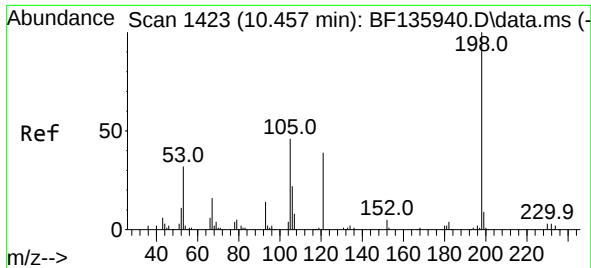
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

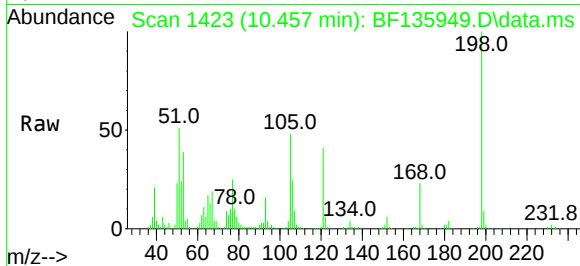
Tgt Ion:188 Resp: 641858
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 10.9 9.0 13.6





#65
4,6-Dinitro-2-methylphenol
Concen: 56.169 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

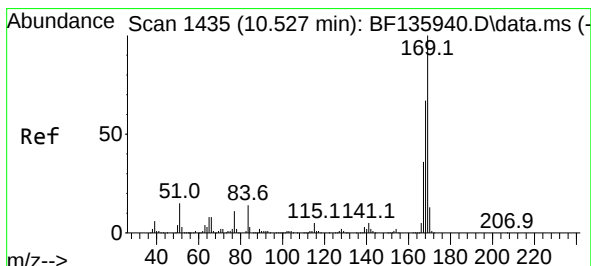
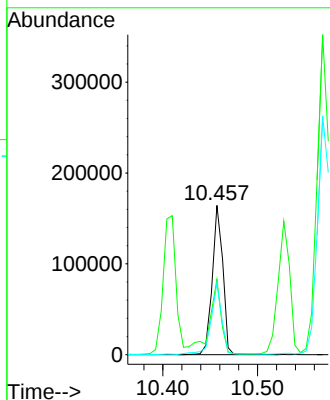
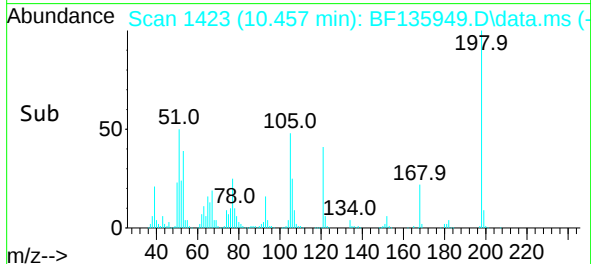
Instrument :
BNA_F
ClientSampleId :
PB156361BS



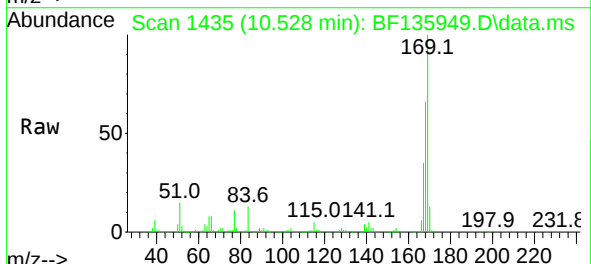
Tgt Ion:198 Resp: 127056
Ion Ratio Lower Upper
198 100
51 50.5 28.7 68.7
105 47.9 27.2 67.2

Manual Integrations
APPROVED

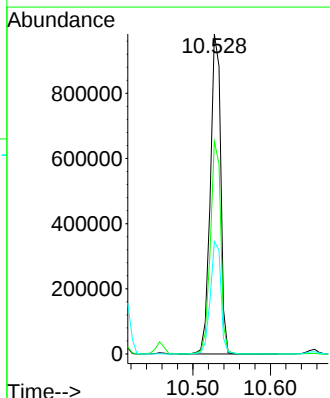
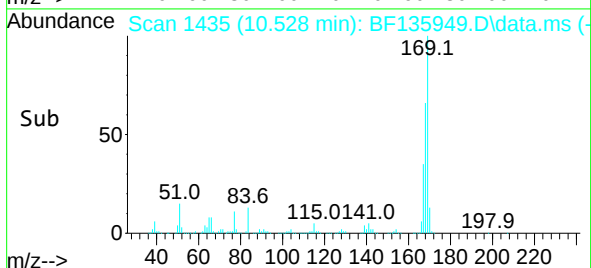
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

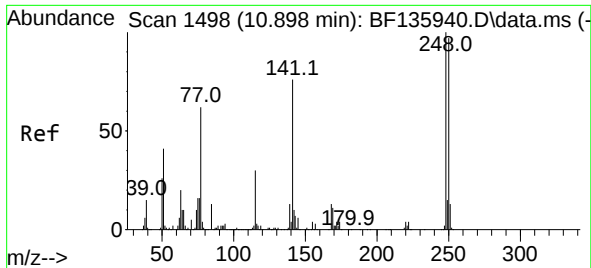


#66
n-Nitrosodiphenylamine
Concen: 46.959 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:169 Resp: 910563
Ion Ratio Lower Upper
169 100
168 66.4 53.5 80.3
167 35.1 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 47.245 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

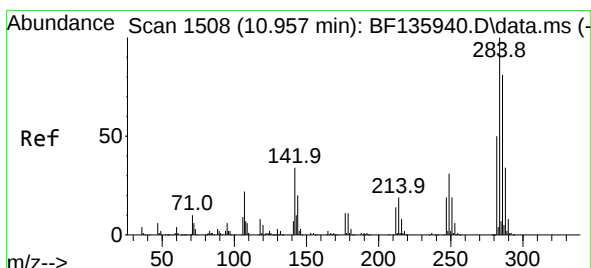
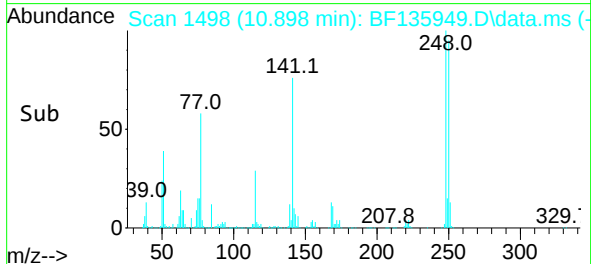
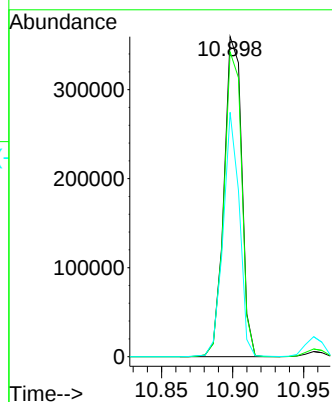
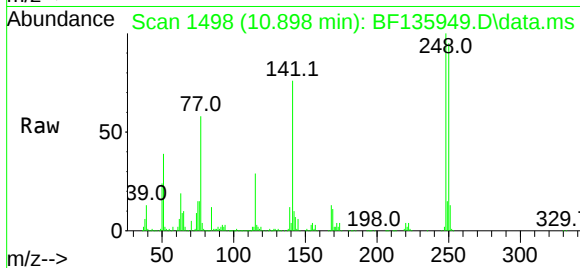
ClientSampleId :

PB156361BS

Tgt Ion:248 Resp: 31055
Ion Ratio Lower Upper
248 100
250 95.2 77.9 116.9
141 76.3 60.8 91.2

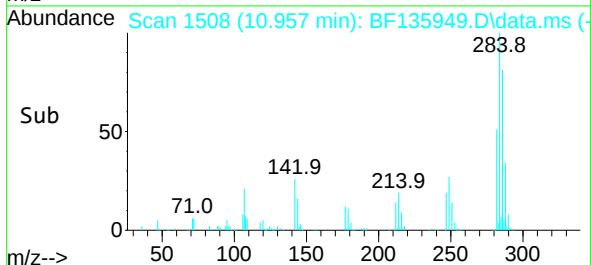
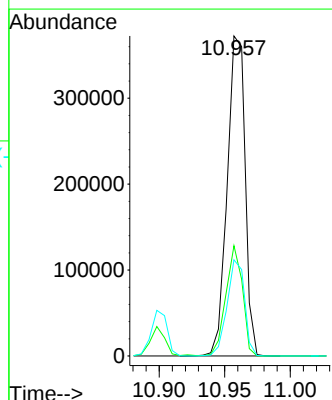
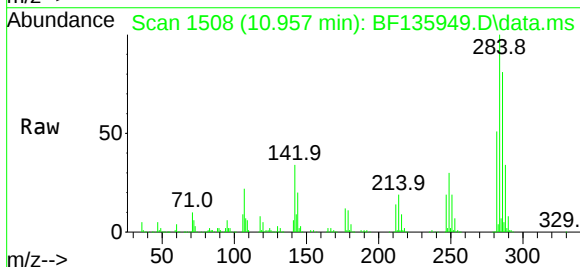
Manual Integrations
APPROVED

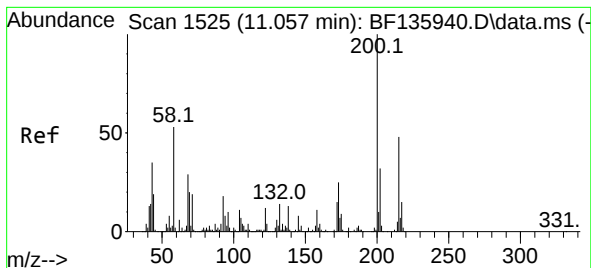
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#68
Hexachlorobenzene
Concen: 50.428 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:284 Resp: 354102
Ion Ratio Lower Upper
284 100
142 34.5 27.6 41.4
249 30.1 24.7 37.1





#69

Atrazine

Concen: 56.567 ng

RT: 11.063 min Scan# 11063

Delta R.T. 0.006 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

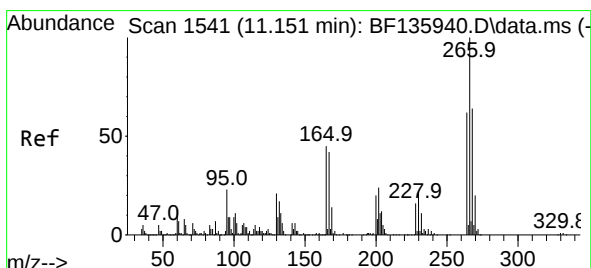
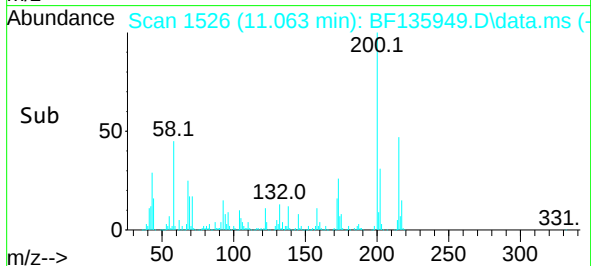
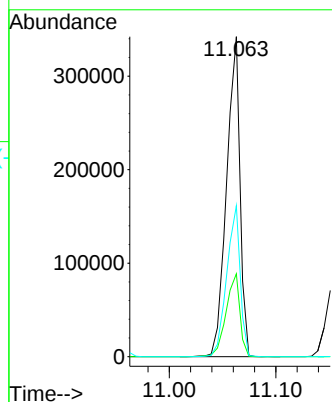
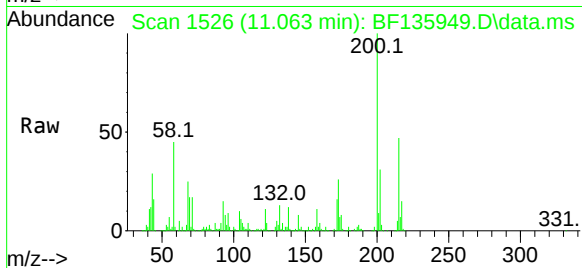
PB156361BS

Tgt Ion:200 Resp: 299015
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.5 45.5
 215 47.1 27.5 67.5

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 92.042 ng

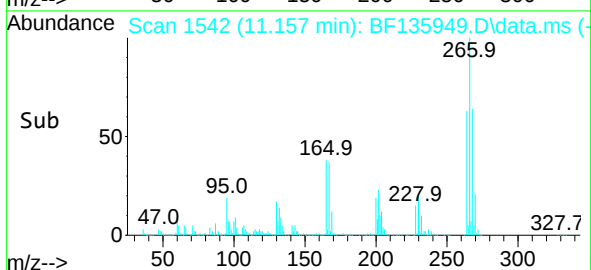
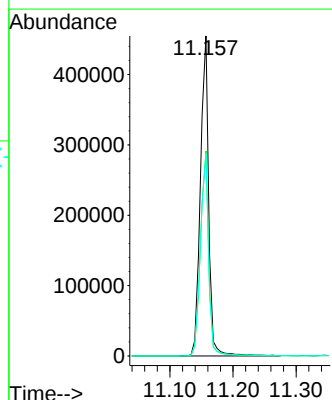
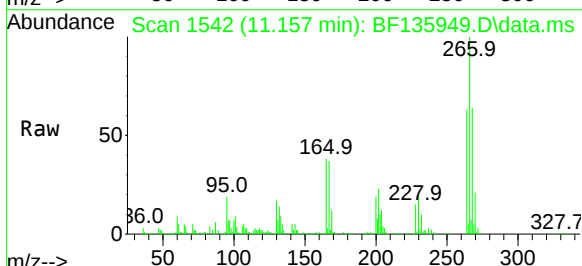
RT: 11.157 min Scan# 1542

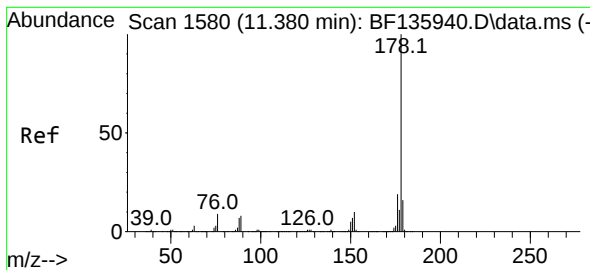
Delta R.T. 0.006 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

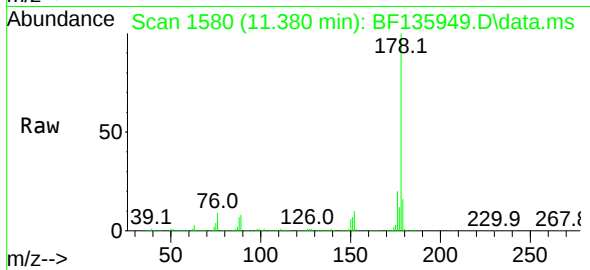
Tgt Ion:266 Resp: 412767
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.8 76.2
 264 63.3 49.8 74.6





#71
Phenanthrene
Concen: 47.435 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

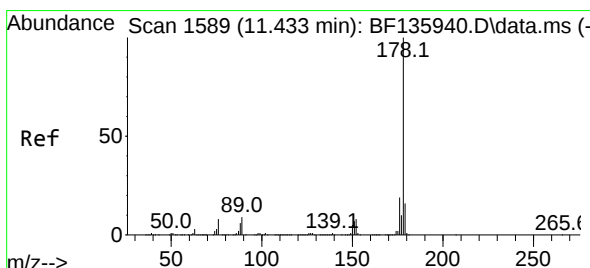
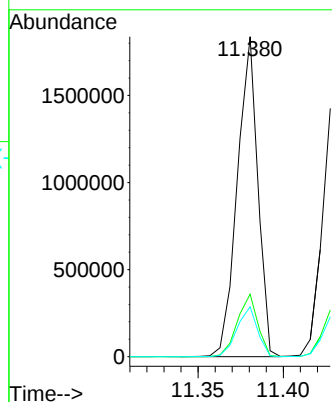
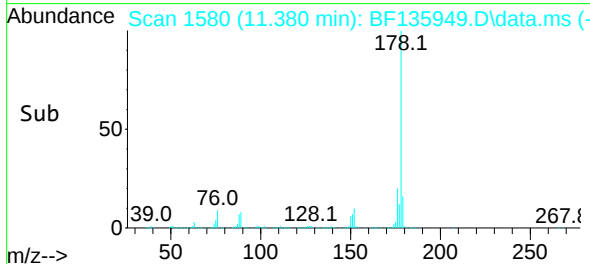
Instrument :
BNA_F
ClientSampleId :
PB156361BS



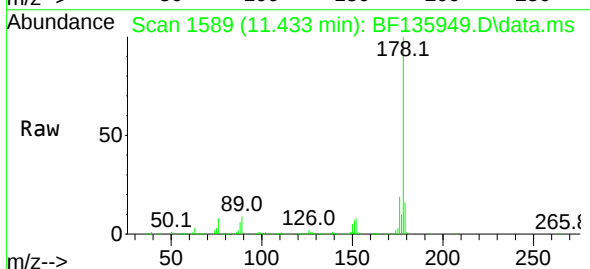
Tgt Ion:178 Resp: 1540382
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.6 12.5 18.7

Manual Integrations
APPROVED

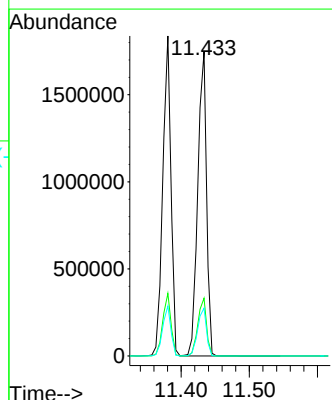
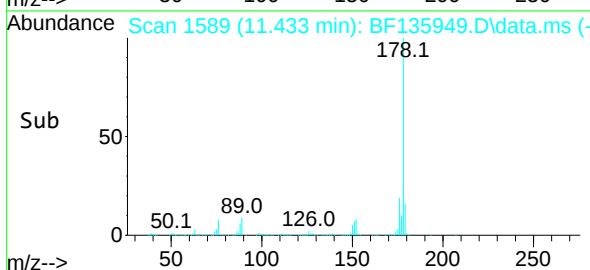
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

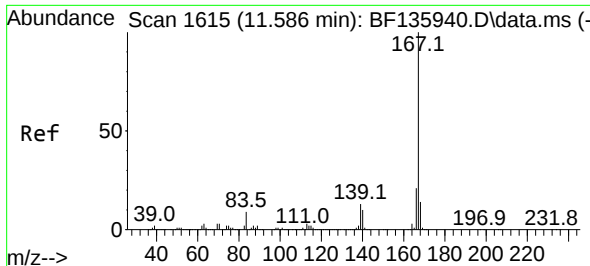


#72
Anthracene
Concen: 47.082 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



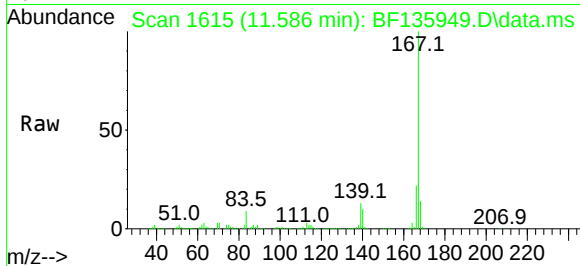
Tgt Ion:178 Resp: 1565476
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 48.109 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135949.D
 Acq: 25 Oct 2023 19:25

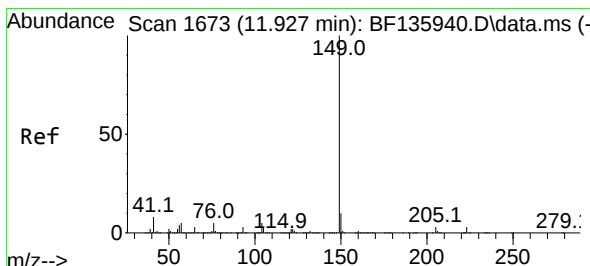
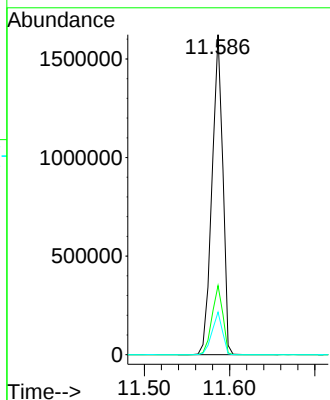
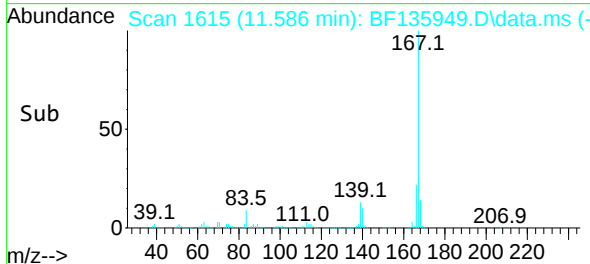
Instrument :
 BNA_F
 ClientSampleId :
 PB156361BS



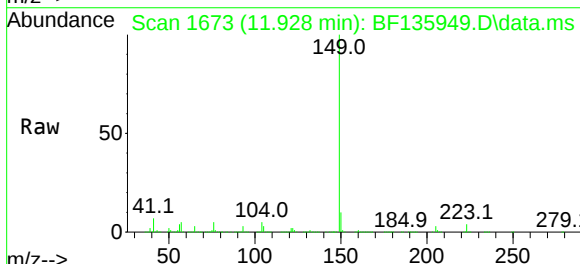
Tgt Ion:167 Resp: 1426964
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.3 10.4 15.6

Manual Integrations
 APPROVED

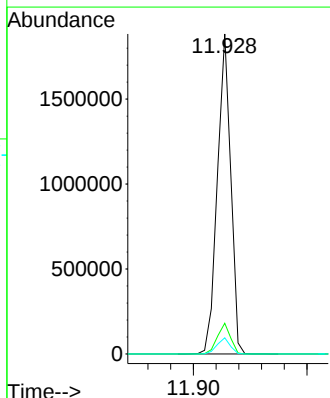
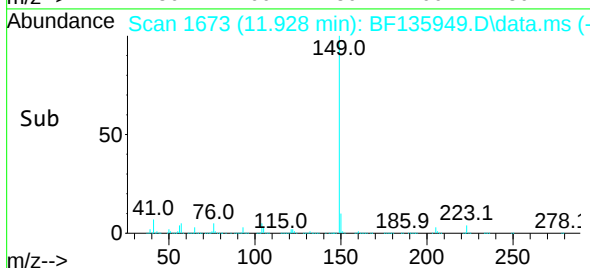
Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

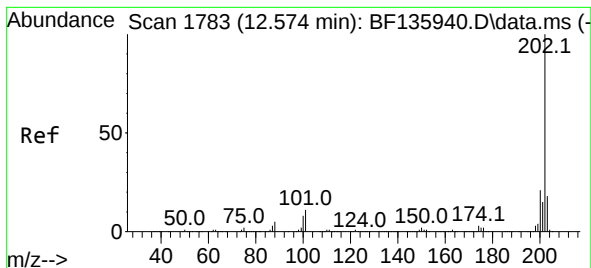


#74
 Di-n-butylphthalate
 Concen: 48.767 ng
 RT: 11.928 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF135949.D
 Acq: 25 Oct 2023 19:25



Tgt Ion:149 Resp: 1539221
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.0 3.9 5.9





#75

Fluoranthene

Concen: 47.542 ng

RT: 12.569 min Scan# 1782

Delta R.T. -0.006 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Tgt Ion:202 Resp: 1624198

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.6

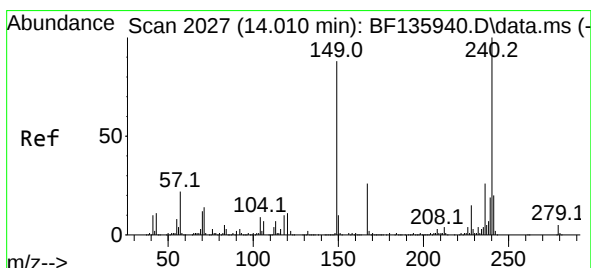
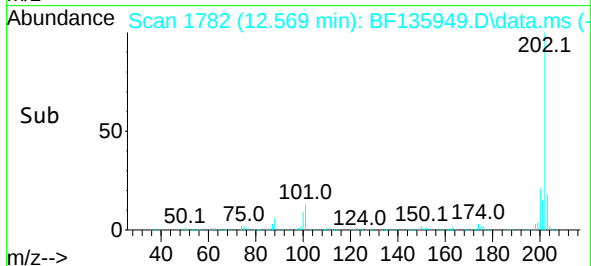
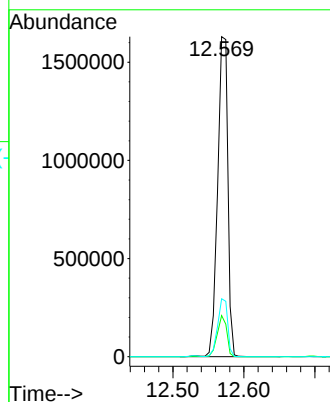
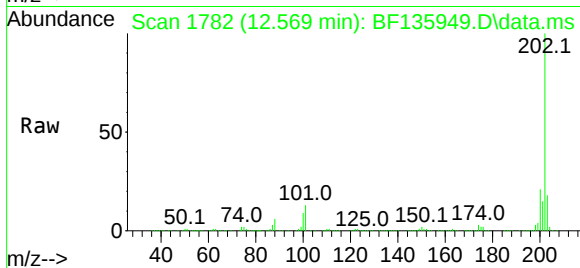
203 18.1 0.0 37.5

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: BF135949.D

Acq: 25 Oct 2023 19:25

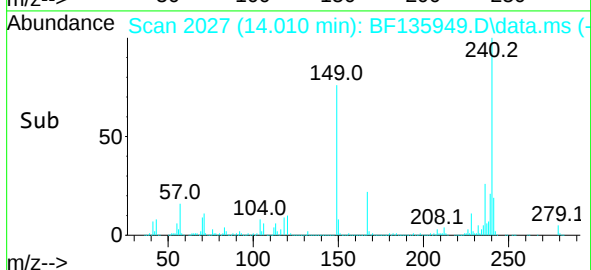
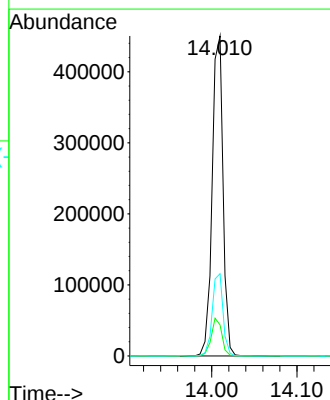
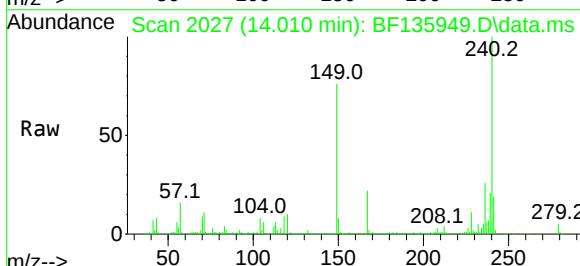
Tgt Ion:240 Resp: 400086

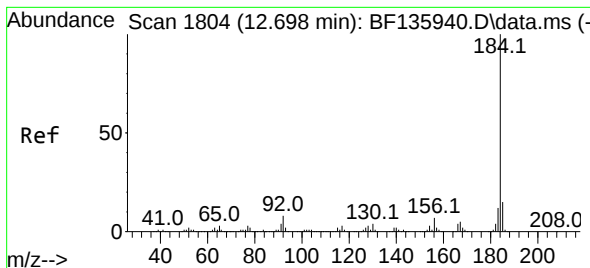
Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

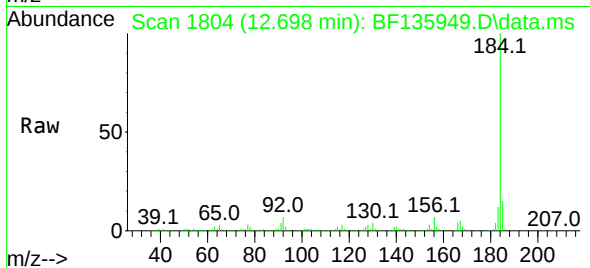
236 25.7 20.6 30.8





#77
Benzidine
Concen: 55.428 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

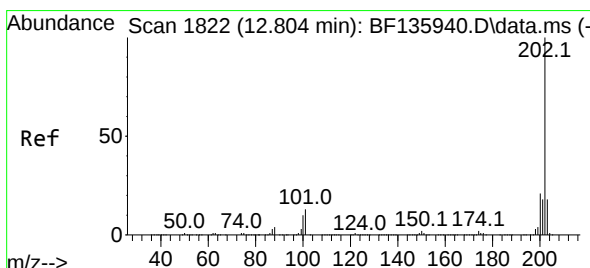
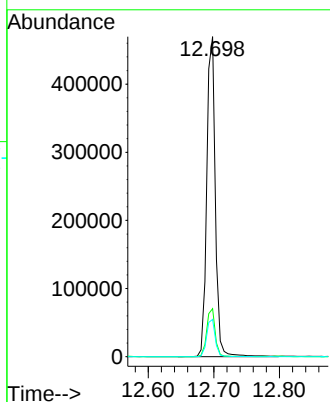
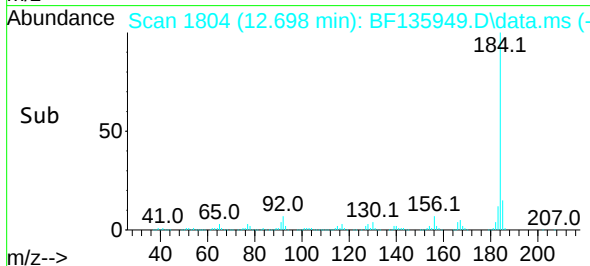
Instrument :
BNA_F
ClientSampleId :
PB156361BS



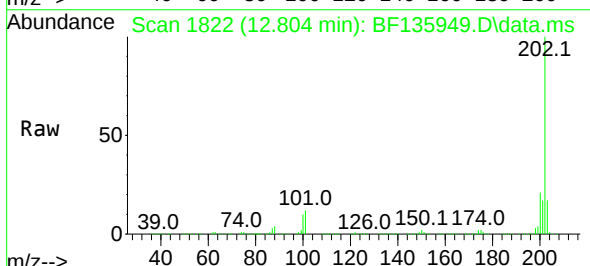
Tgt Ion:184 Resp: 427604
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.6 9.2 13.8

Manual Integrations
APPROVED

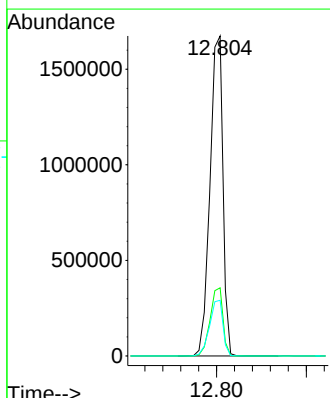
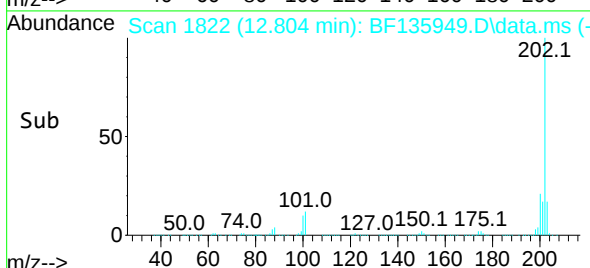
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

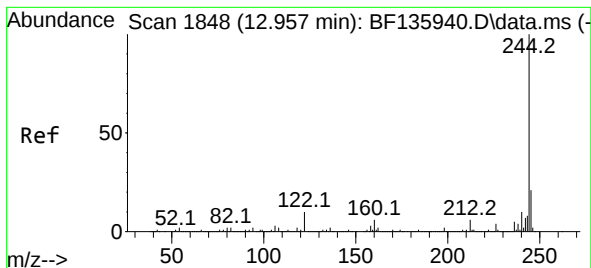


#78
Pyrene
Concen: 49.905 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:202 Resp: 1676468
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.4 14.5 21.7





#79

Terphenyl-d14

Concen: 97.041 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

Tgt Ion:244 Resp: 2323749

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

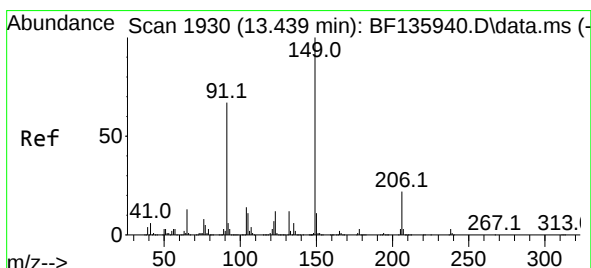
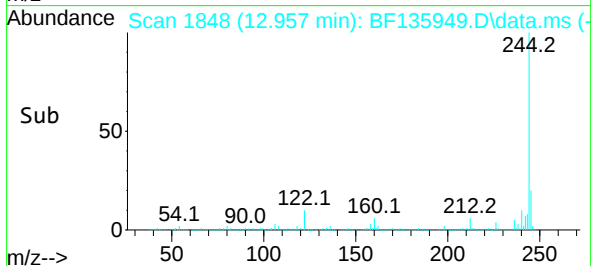
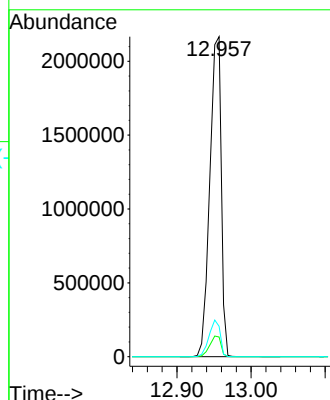
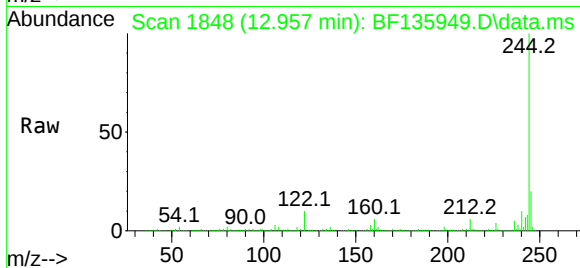
122 9.5 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#80

Butylbenzylphthalate

Concen: 49.444 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

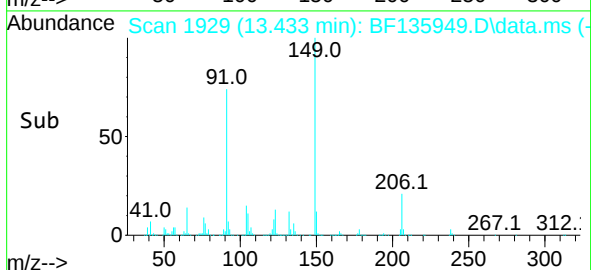
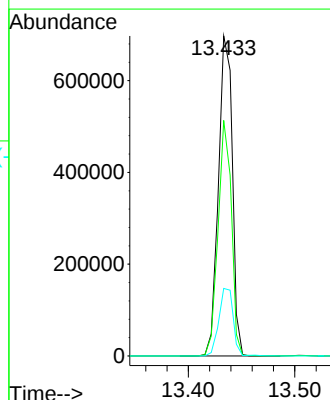
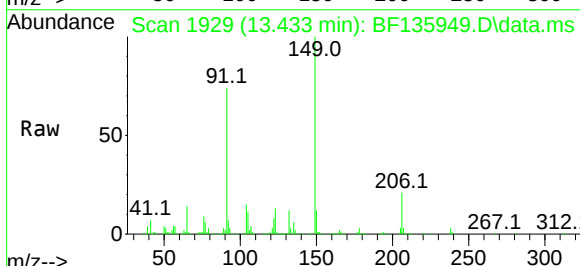
Tgt Ion:149 Resp: 629313

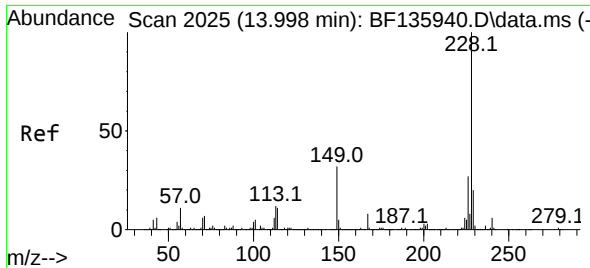
Ion Ratio Lower Upper

149 100

91 73.6 53.4 80.0

206 21.1 17.5 26.3





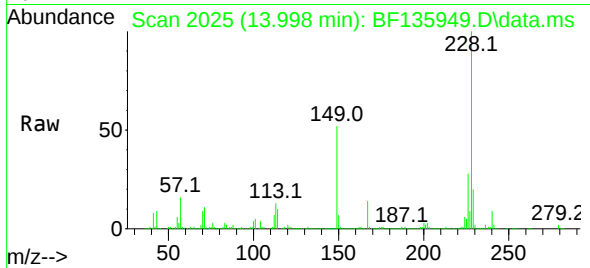
#81
Benzo(a)anthracene
Concen: 49.251 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

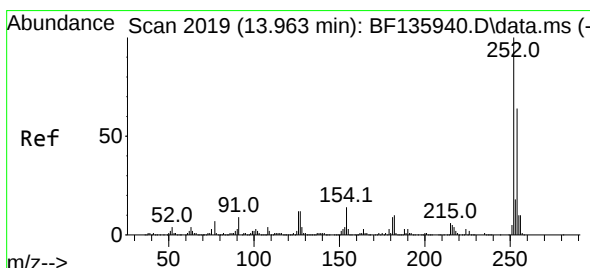
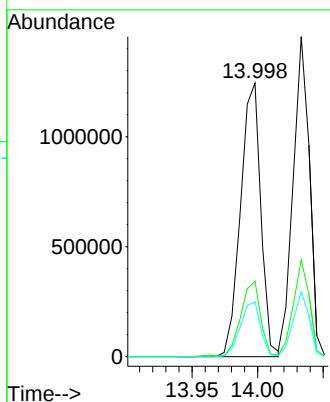
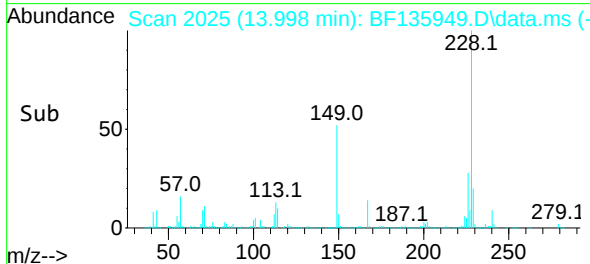


Tgt Ion:228 Resp: 1339812
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 20.1 16.2 24.4

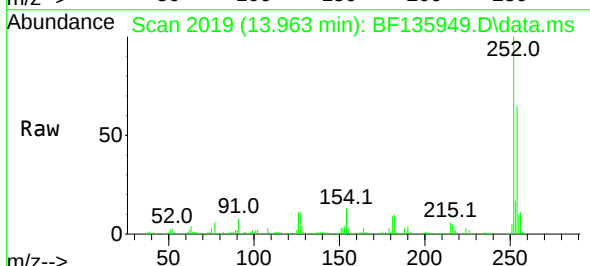
Manual Integrations

APPROVED

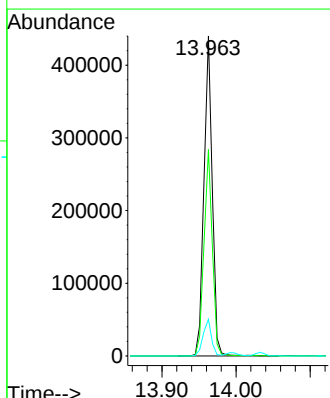
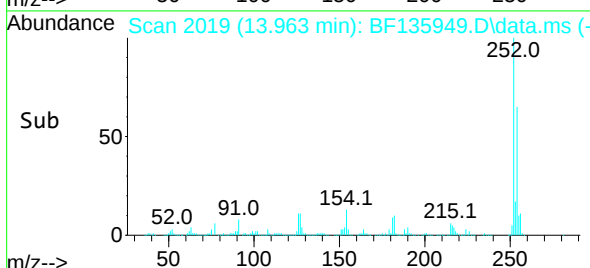
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

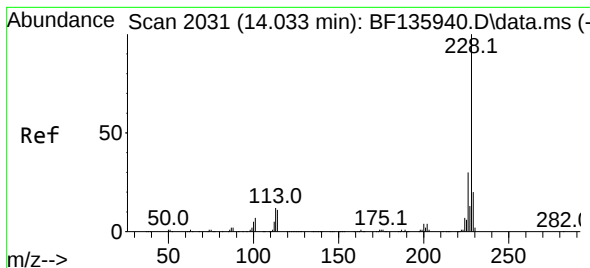


#82
3,3'-Dichlorobenzidine
Concen: 41.699 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:252 Resp: 345118
Ion Ratio Lower Upper
252 100
254 64.5 50.9 76.3
126 11.5 9.8 14.6





#83

Chrysene

Concen: 47.714 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135949.D

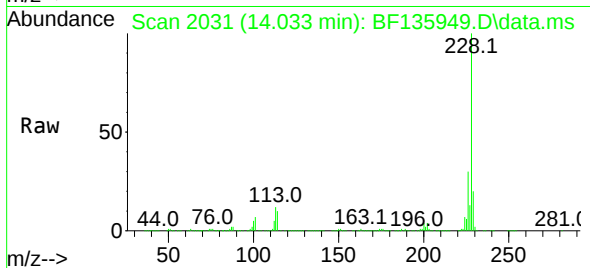
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS



Tgt Ion:228 Resp: 126420

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

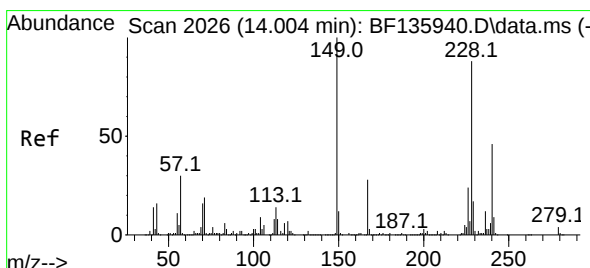
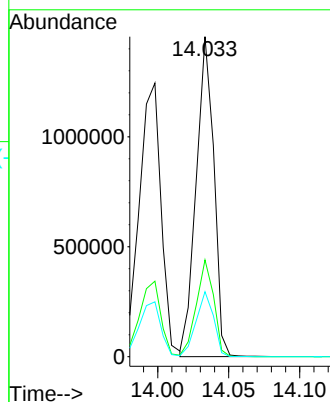
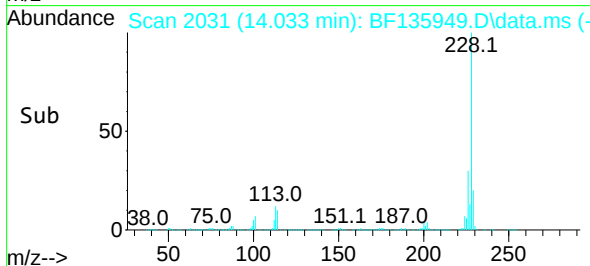
229 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :mohammad ahmed 10/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.878 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF135949.D

Acq: 25 Oct 2023 19:25

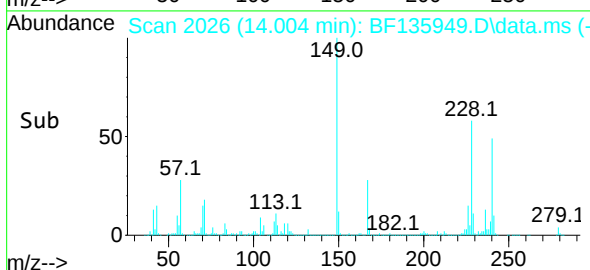
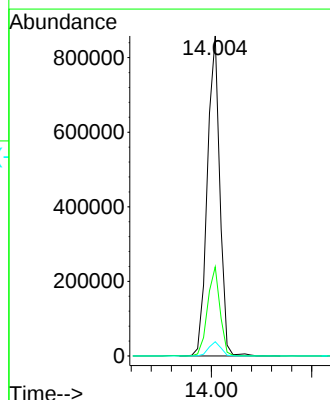
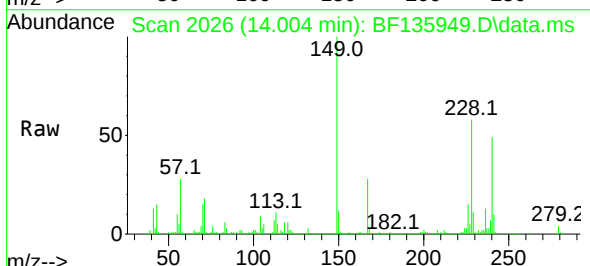
Tgt Ion:149 Resp: 744257

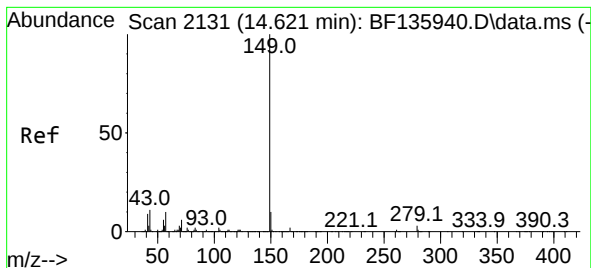
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

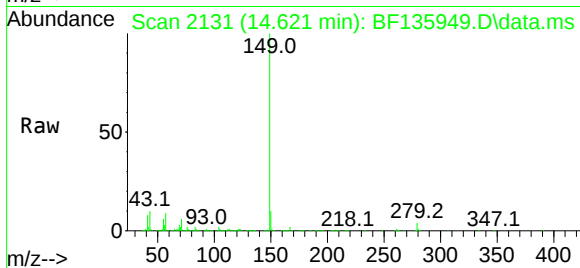
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 54.792 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

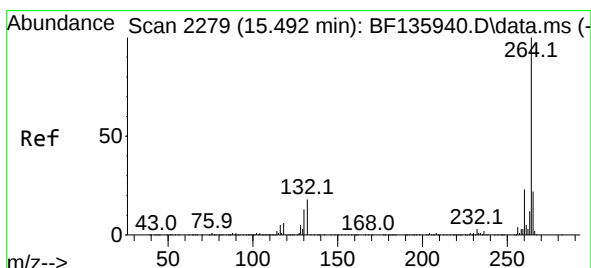
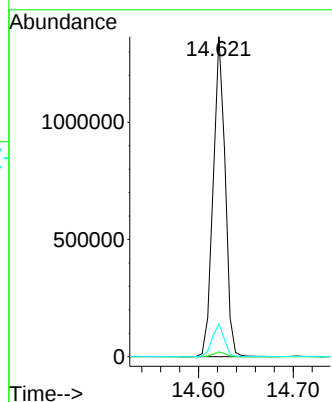
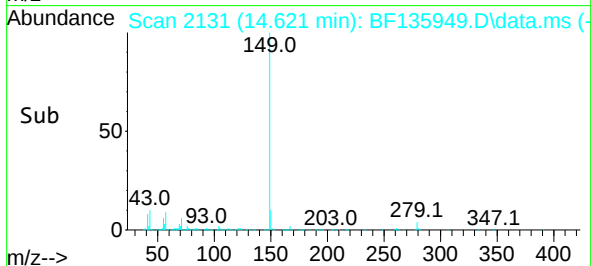
Instrument :
BNA_F
ClientSampleId :
PB156361BS



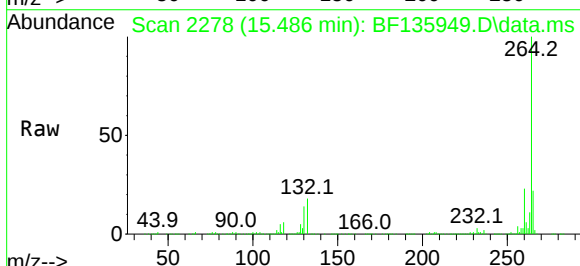
Tgt Ion:149 Resp: 1192310
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.6 12.8

Manual Integrations
APPROVED

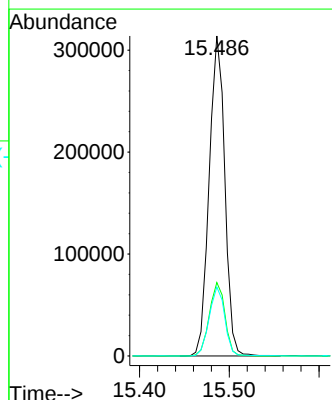
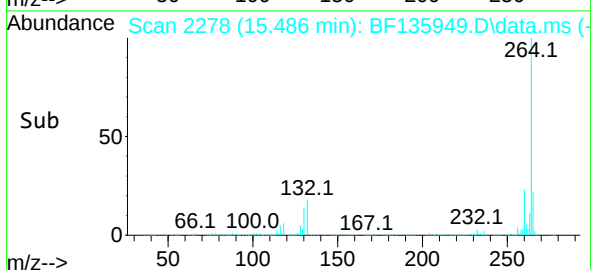
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

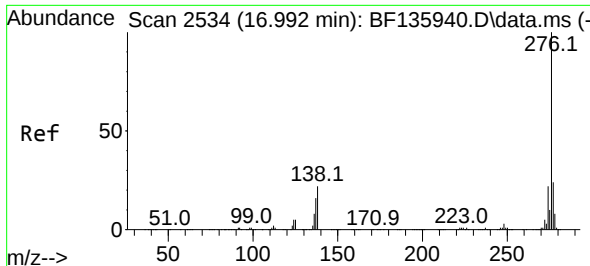


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25



Tgt Ion:264 Resp: 379416
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.5 17.3 25.9





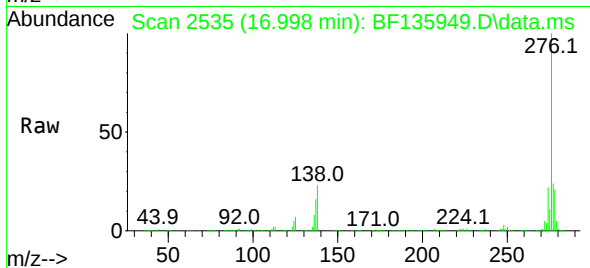
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.356 ng
 RT: 16.998 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135949.D
 Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS



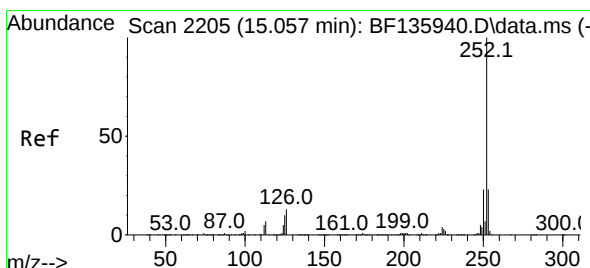
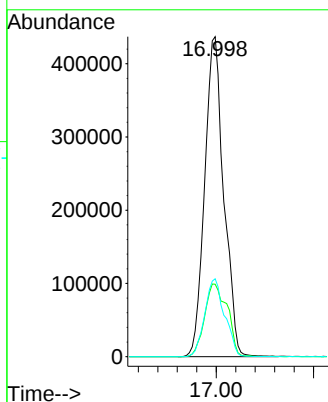
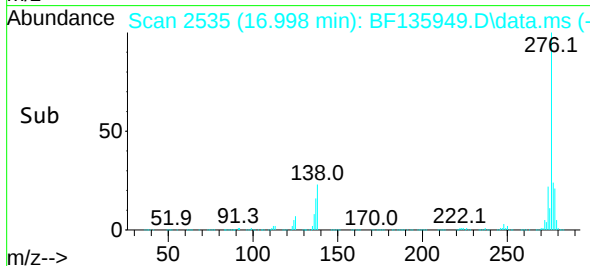
Tgt Ion:276 Resp: 119094
 Ion Ratio Lower Upper
 276 100
 138 27.1 21.8 32.6
 277 25.4 20.0 30.0

Manual Integrations

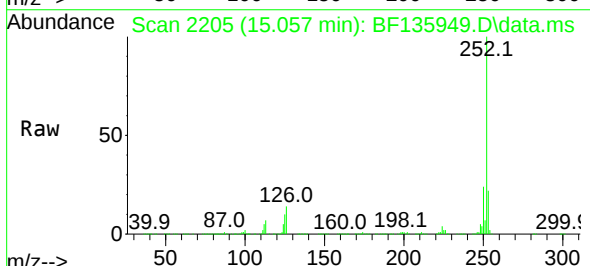
APPROVED

Reviewed By :Yogesh Patel 10/26/2023

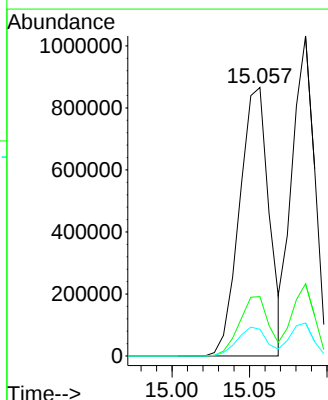
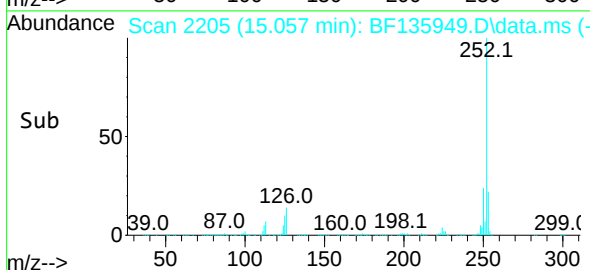
Supervised By :mohammad ahmed 10/26/2023

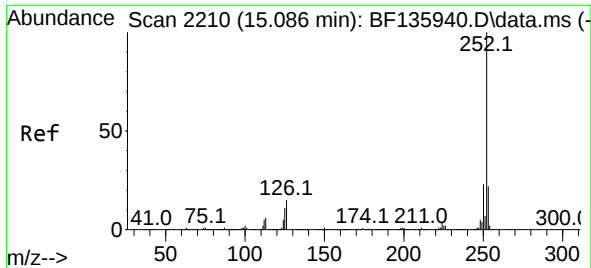


#88
 Benzo(b)fluoranthene
 Concen: 50.867 ng
 RT: 15.057 min Scan# 2205
 Delta R.T. 0.000 min
 Lab File: BF135949.D
 Acq: 25 Oct 2023 19:25



Tgt Ion:252 Resp: 1148566
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 10.0 8.2 12.4





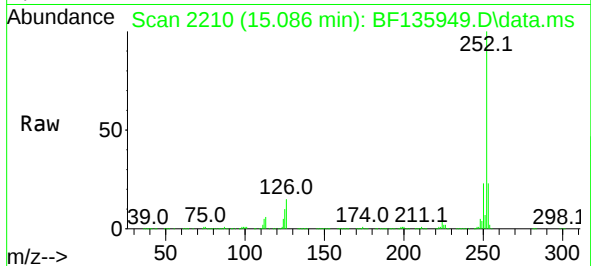
#89
Benzo(k)fluoranthene
Concen: 47.205 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

ClientSampleId :

PB156361BS

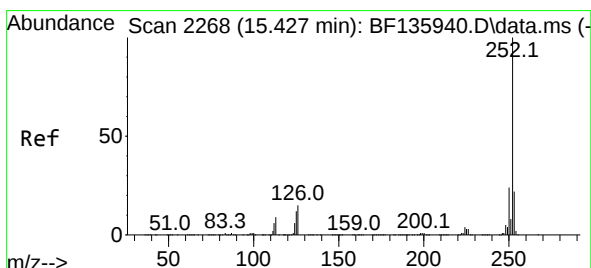
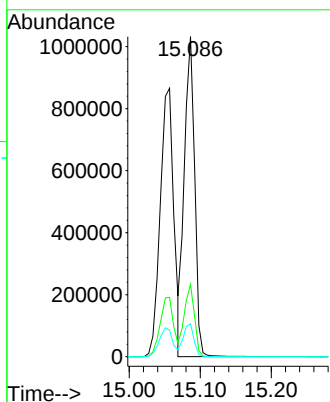
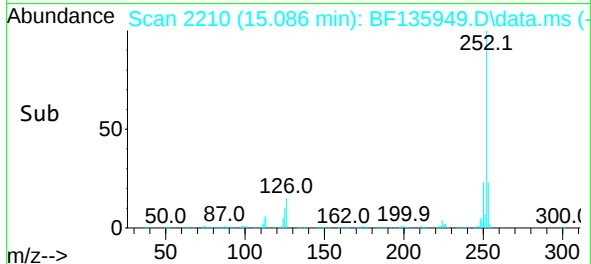


Tgt Ion:252 Resp: 104684
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 10.3 8.5 12.7

Manual Integrations

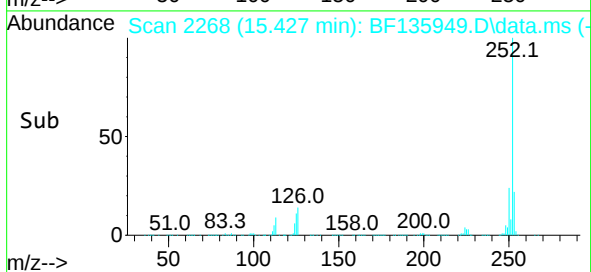
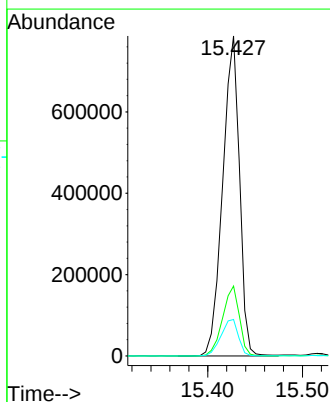
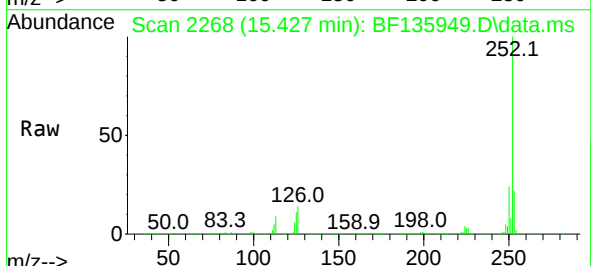
APPROVED

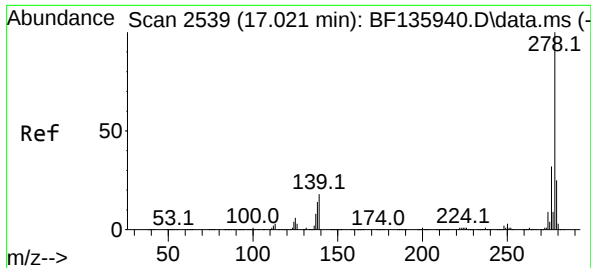
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023



#90
Benzo(a)pyrene
Concen: 46.642 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:252 Resp: 970637
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.4 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 54.005 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Instrument :

BNA_F

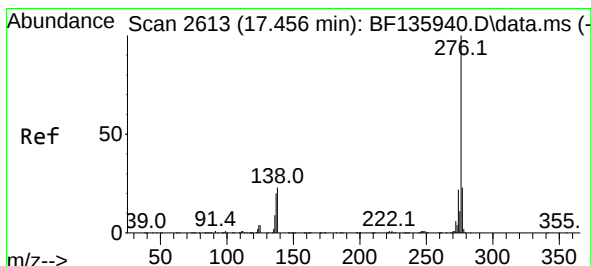
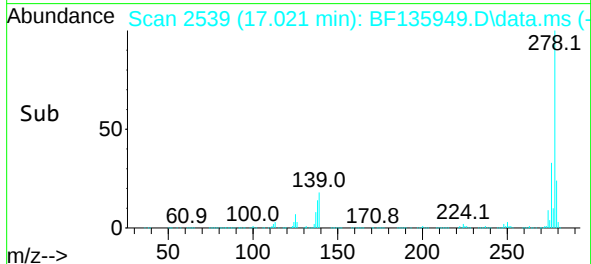
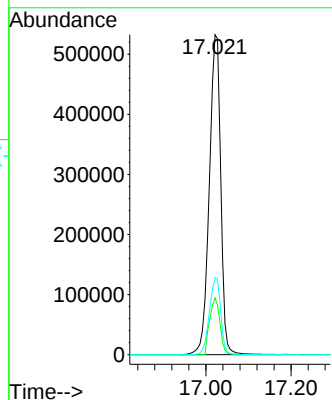
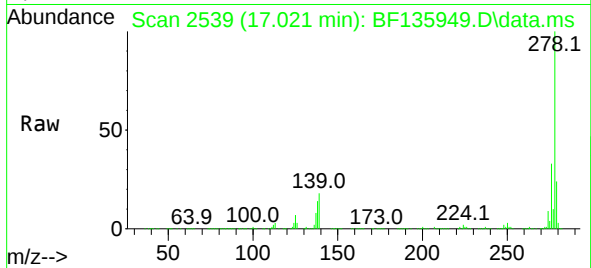
ClientSampleId :

PB156361BS

Tgt Ion:278 Resp: 993824
Ion Ratio Lower Upper
278 100
139 17.7 14.0 21.0
279 24.1 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: 46.145 ng
RT: 17.457 min Scan# 2613
Delta R.T. 0.001 min
Lab File: BF135949.D
Acq: 25 Oct 2023 19:25

Tgt Ion:276 Resp: 962203
Ion Ratio Lower Upper
276 100
277 23.5 18.6 28.0
138 22.1 18.4 27.6

