

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135049.D
 Acq On : 31 Aug 2023 19:22
 Operator : CG\JU
 Sample : 04189-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(48-50)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:50:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	110379	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	471445	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	241931	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	441601	20.000	ng	0.00
76) Chrysene-d12	13.957	240	187700	20.000	ng	0.00
86) Perylene-d12	15.427	264	241140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	860337	120.393	ng	0.01
7) Phenol-d6	6.416	99	1084941	121.807	ng	0.00
23) Nitrobenzene-d5	7.339	82	686444	81.801	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	303158	118.127	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1210290	81.448	ng	0.00
79) Terphenyl-d14	12.898	244	1056325	91.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	131462	43.430	ng	97
3) Pyridine	3.304	79	337669	41.378	ng	99
4) n-Nitrosodimethylamine	3.275	42	197559	49.503	ng	99
6) Aniline	6.439	93	458080	41.485	ng	94
8) 2-Chlorophenol	6.557	128	403825	55.624	ng	97
9) Benzaldehyde	6.328	77	145635	32.089	ng	93
10) Phenol	6.434	94	490664	52.472	ng	83
11) bis(2-Chloroethyl)ether	6.516	93	371118	52.705	ng	99
12) 1,3-Dichlorobenzene	6.716	146	397319	53.120	ng	98
13) 1,4-Dichlorobenzene	6.792	146	407871	54.484	ng	99
14) 1,2-Dichlorobenzene	6.939	146	386338	55.303	ng	98
15) Benzyl Alcohol	6.922	79	343954	56.364	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	615688	52.213	ng	99
17) 2-Methylphenol	7.034	107	318258	50.307	ng	97
18) Hexachloroethane	7.281	117	150962	54.438	ng	94
19) n-Nitroso-di-n-propyla...	7.192	70	270190	51.068	ng	94
20) 3+4-Methylphenols	7.186	107	378990	50.780	ng	96
22) Acetophenone	7.186	105	529235	50.469	ng	98
24) Nitrobenzene	7.357	77	414349	48.136	ng	98
25) Isophorone	7.598	82	774104	48.654	ng	100
26) 2-Nitrophenol	7.675	139	221849	52.164	ng	97
27) 2,4-Dimethylphenol	7.716	122	328299	47.947	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	471686	49.146	ng	100
29) 2,4-Dichlorophenol	7.916	162	331161	50.889	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	358787	51.019	ng	98
31) Naphthalene	8.075	128	1113878	48.367	ng	99
32) Benzoic acid	7.851	122	240939	43.989	ng	98
33) 4-Chloroaniline	8.128	127	330172	32.778	ng	98
34) Hexachlorobutadiene	8.192	225	205125	51.397	ng	98
35) Caprolactam	8.510	113	107547m	50.474	ng	
36) 4-Chloro-3-methylphenol	8.616	107	356039	50.373	ng	96
37) 2-Methylnaphthalene	8.769	142	732033	47.639	ng	100
38) 1-Methylnaphthalene	8.869	142	698697	48.596	ng	98
40) 1,2,4,5-Tetrachloroben...	8.933	216	340947	50.342	ng	98
41) Hexachlorocyclopentadiene	8.922	237	318145	110.369	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	233297	51.293	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	247443	46.991	ng	96
46) 1,1'-Biphenyl	9.233	154	927474	50.177	ng	98
47) 2-Chloronaphthalene	9.263	162	702441	50.536	ng	99
48) 2-Nitroaniline	9.363	65	236407	49.684	ng	97
49) Acenaphthylene	9.675	152	1061959	50.541	ng	100
50) Dimethylphthalate	9.545	163	829274	48.953	ng	99
51) 2,6-Dinitrotoluene	9.610	165	190211	51.172	ng	# 82
52) Acenaphthene	9.851	154	651363	48.645	ng	99
53) 3-Nitroaniline	9.775	138	162096	37.436	ng	100
54) 2,4-Dinitrophenol	9.886	184	135954	76.528	ng	94
55) Dibenzofuran	10.022	168	939636	48.646	ng	100
56) 4-Nitrophenol	9.945	139	269575	88.568	ng	93
57) 2,4-Dinitrotoluene	10.016	165	230848	49.834	ng	97
58) Fluorene	10.369	166	718009	48.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	205592	50.703	ng	99
60) Diethylphthalate	10.245	149	776214	48.676	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	349929	48.041	ng	99
62) 4-Nitroaniline	10.398	138	190328	44.923	ng	95
63) Azobenzene	10.522	77	769251	47.908	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	114409	42.807	ng	98
66) n-Nitrosodiphenylamine	10.480	169	663483	48.321	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	228853	48.860	ng	99
68) Hexachlorobenzene	10.916	284	254420	52.532	ng	97
70) Pentachlorophenol	11.110	266	205208	70.035	ng	97
71) Phenanthrene	11.333	178	1098285	48.208	ng	100
72) Anthracene	11.386	178	1114658	47.886	ng	99
73) Carbazole	11.539	167	910228	45.337	ng	99
74) Di-n-butylphthalate	11.874	149	1176596	48.616	ng	99
75) Fluoranthene	12.521	202	1000636	43.441	ng	99
77) Benzidine	12.651	184	335169	99.058	ng	98
78) Pyrene	12.757	202	956734	53.685	ng	99
80) Butylbenzylphthalate	13.380	149	339387	52.715	ng	99
81) Benzo(a)anthracene	13.945	228	629738	49.184	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	193442	50.069	ng	98
83) Chrysene	13.986	228	602835	47.909	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	389171	58.410	ng	99
85) Di-n-octyl phthalate	14.562	149	732025	71.981	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	823948	50.728	ng	98
88) Benzo(b)fluoranthene	14.998	252	745489	49.685	ng	99
89) Benzo(k)fluoranthene	15.033	252	658278	45.413	ng	98
90) Benzo(a)pyrene	15.368	252	650507	46.670	ng	98
91) Dibenzo(a,h)anthracene	16.927	278	664255	50.494	ng	99
92) Benzo(g,h,i)perylene	17.362	276	643559	47.037	ng	98

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

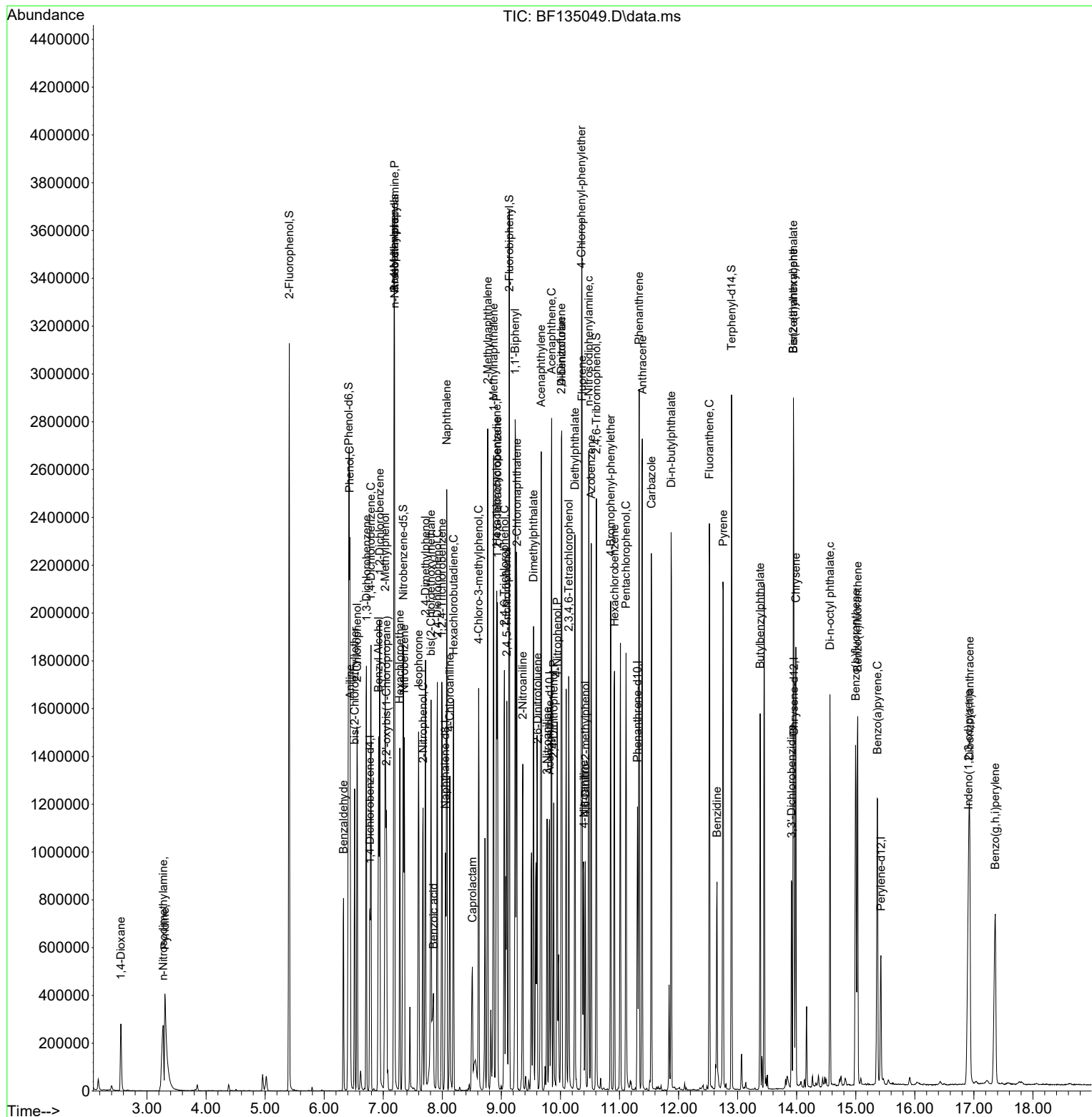
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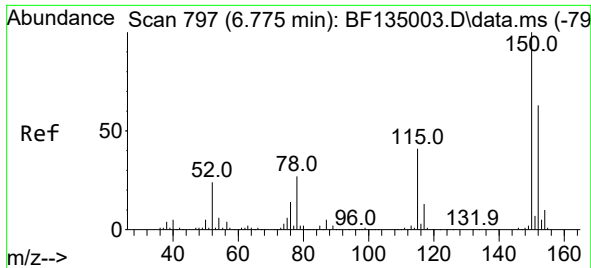
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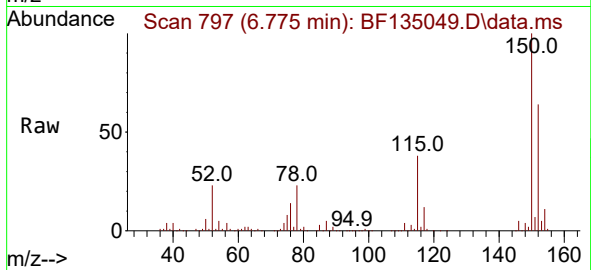
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

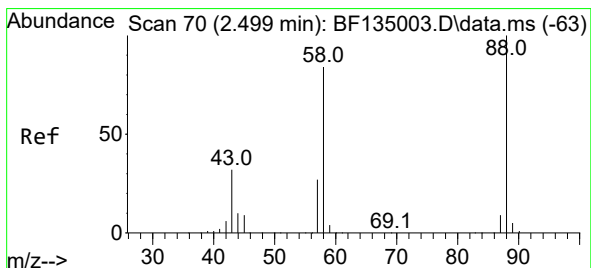
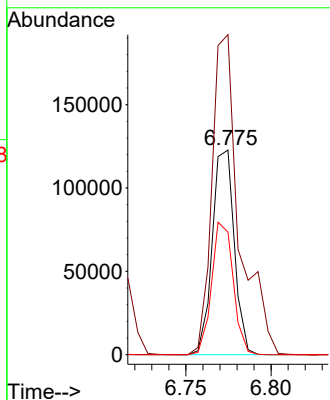
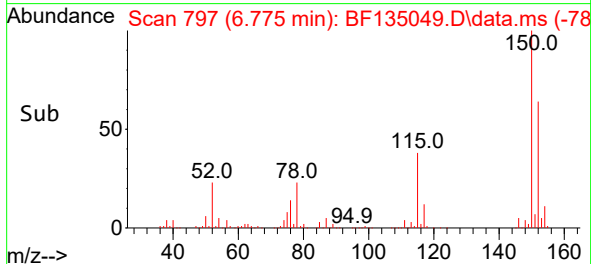
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:152 Resp: 110379
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 59.9 51.2 76.8

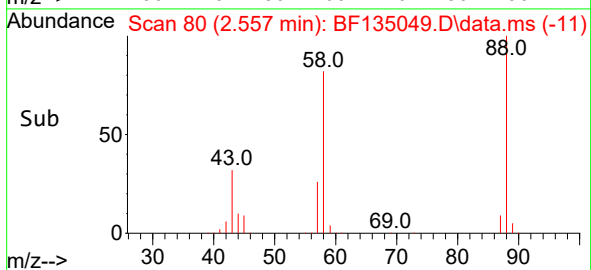
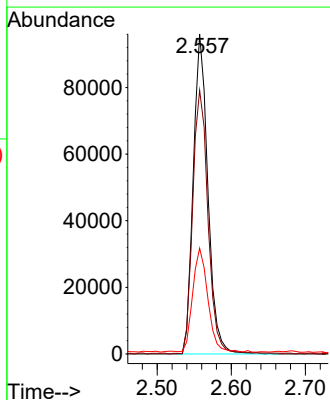
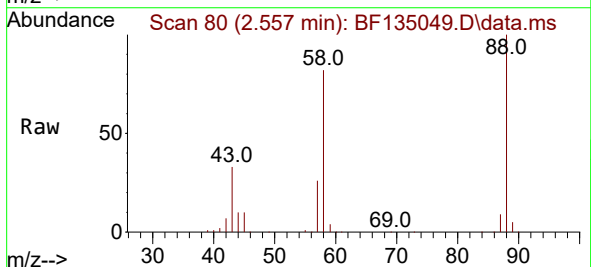
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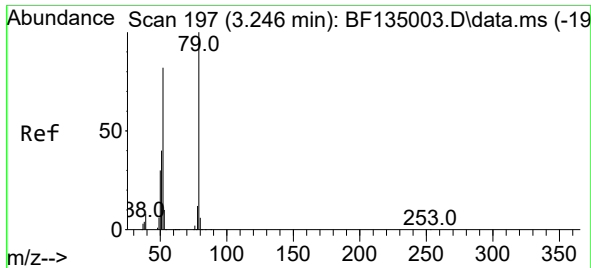
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#2
1,4-Dioxane
Concen: 43.430 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.059 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

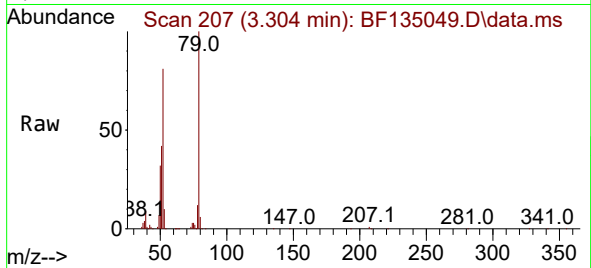
Tgt Ion: 88 Resp: 131462
Ion Ratio Lower Upper
88 100
58 87.0 67.1 100.7
43 33.3 25.9 38.9





#3
 Pyridine
 Concen: 41.378 ng
 RT: 3.304 min Scan# 207
 Delta R.T. 0.059 min
 Lab File: BF135049.D
 Acq: 31 Aug 2023 19:22

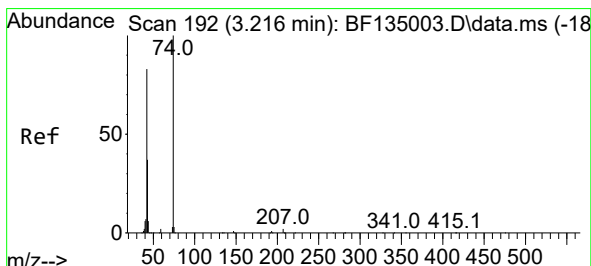
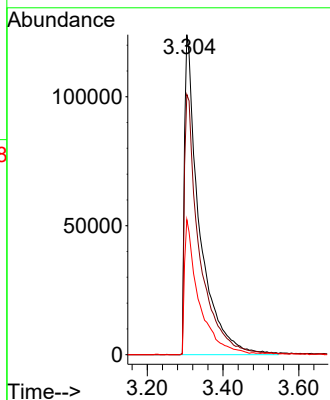
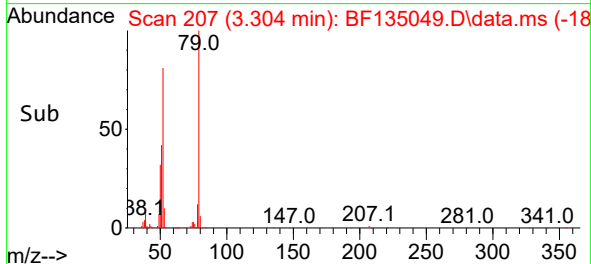
Instrument :
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 ClientSampleId :
 SB-01(48-50)MSD



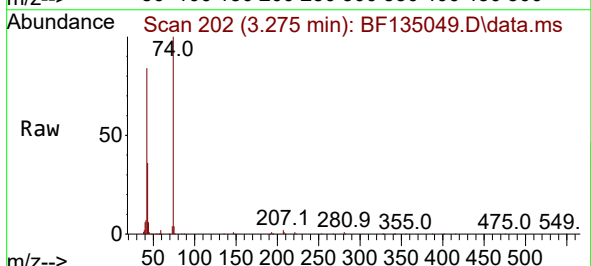
Tgt Ion: 79 Resp: 337669
 Ion Ratio Lower Upper
 79 100
 52 81.3 65.4 98.2
 51 42.2 32.6 49.0

Manual Integrations
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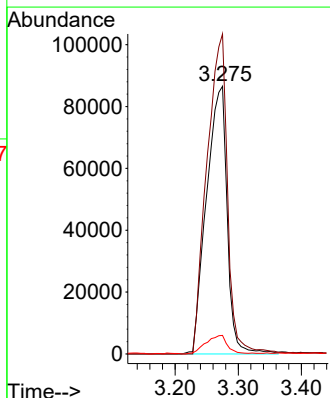
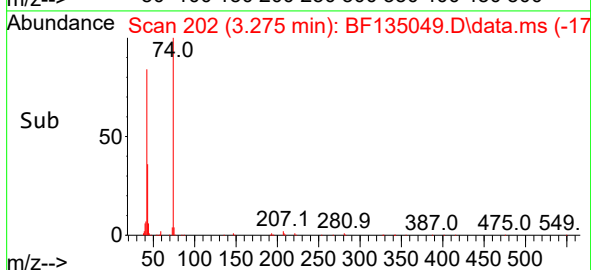
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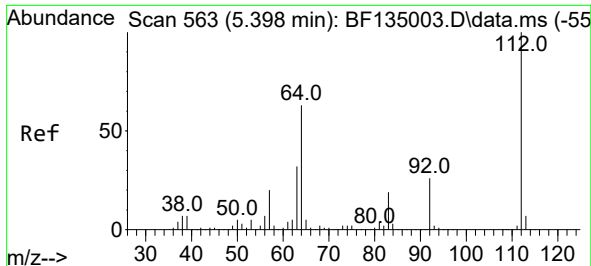


#4
 n-Nitrosodimethylamine
 Concen: 49.503 ng
 RT: 3.275 min Scan# 202
 Delta R.T. 0.059 min
 Lab File: BF135049.D
 Acq: 31 Aug 2023 19:22



Tgt Ion: 42 Resp: 197559
 Ion Ratio Lower Upper
 42 100
 74 119.5 96.2 144.2
 44 6.9 5.8 8.6





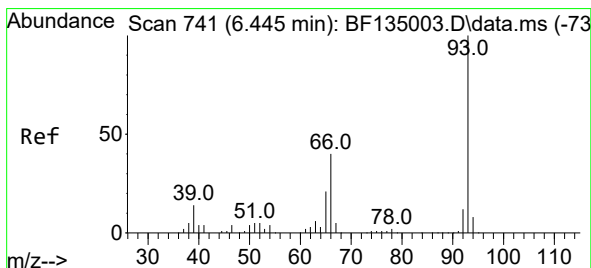
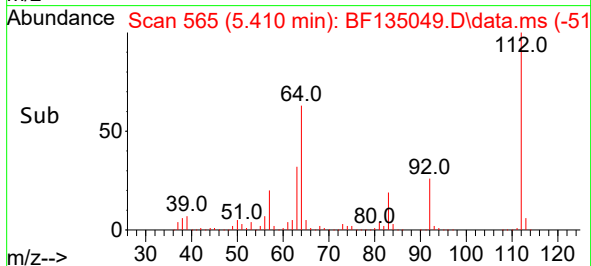
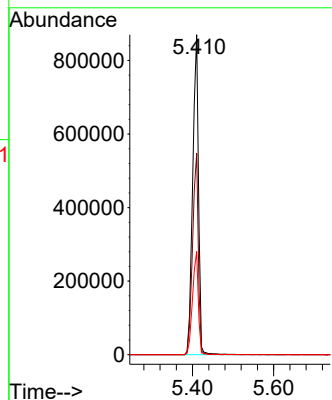
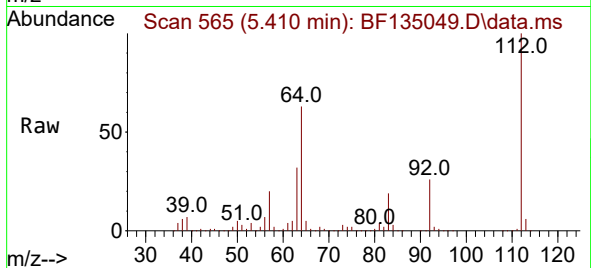
#5
2-Fluorophenol
Concen: 120.393 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD

Tgt Ion:112 Resp: 86033
Ion Ratio Lower Upper
112 100
64 62.9 50.5 75.7
63 32.2 25.9 38.9

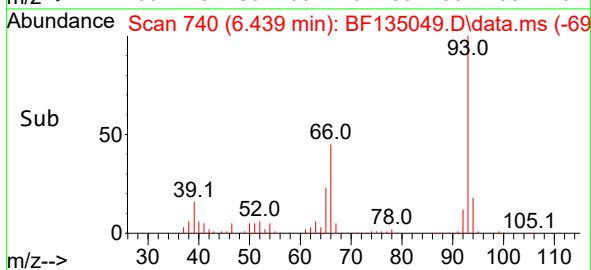
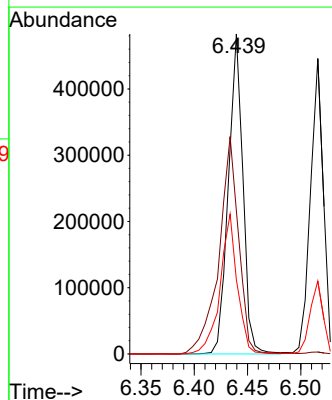
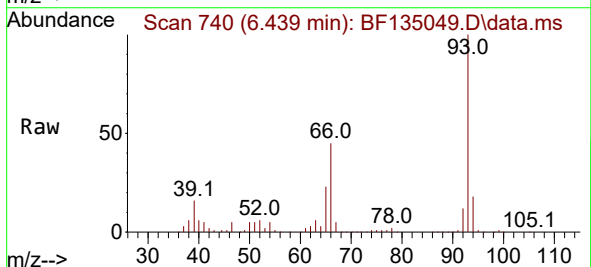
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#6
Aniline
Concen: 41.485 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

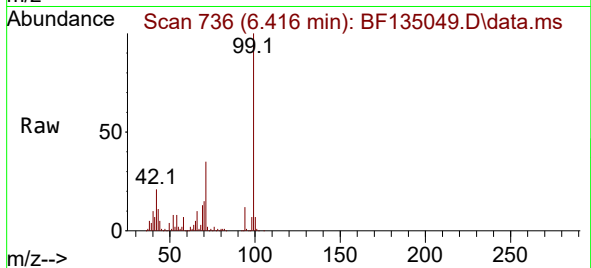
Tgt Ion: 93 Resp: 458080
Ion Ratio Lower Upper
93 100
66 44.8 32.4 48.6
65 23.2 16.6 24.8





#7
Phenol-d6
Concen: 121.807 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

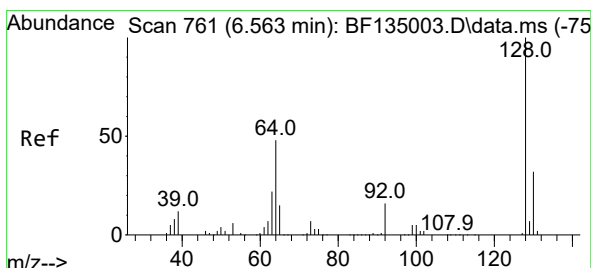
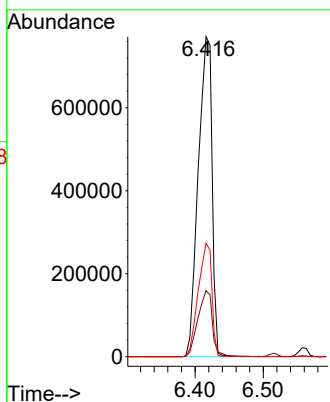
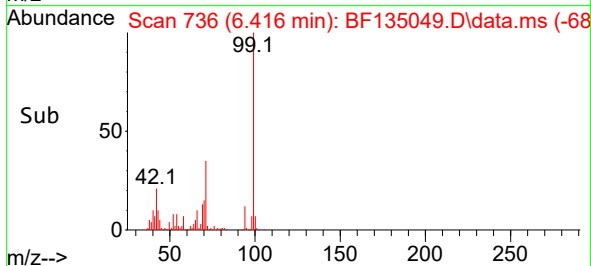
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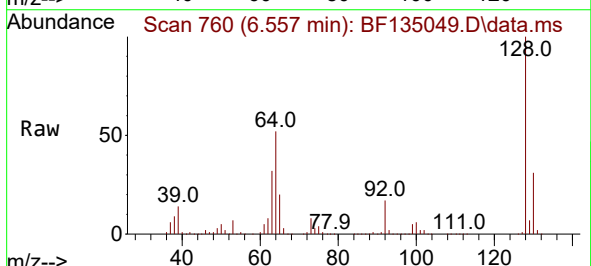
Tgt Ion: 99 Resp: 108494
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 35.4 27.0 40.6

Manual Integrations
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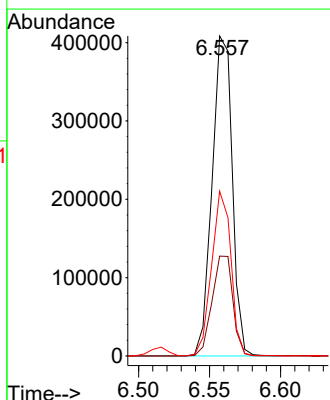
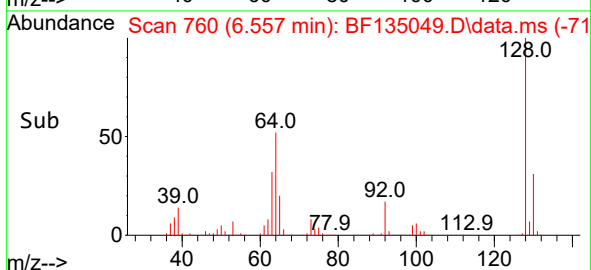
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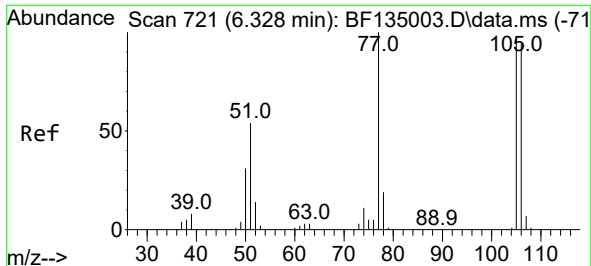


#8
2-Chlorophenol
Concen: 55.624 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



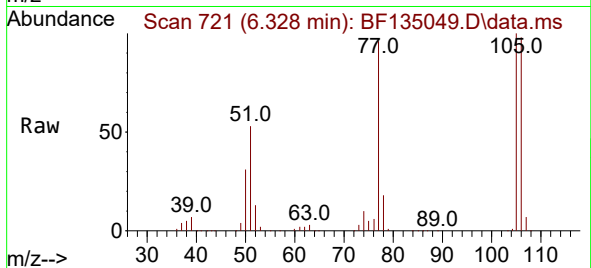
Tgt Ion:128 Resp: 403825
Ion Ratio Lower Upper
128 100
130 31.2 12.2 52.2
64 51.5 29.0 69.0





#9
Benzaldehyde
Concen: 32.089 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

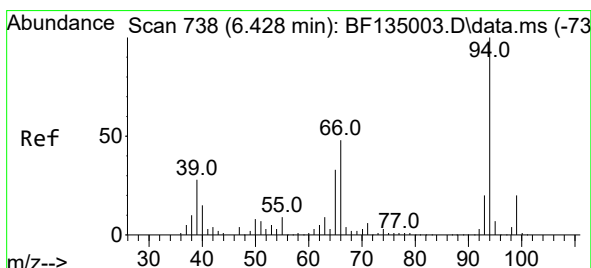
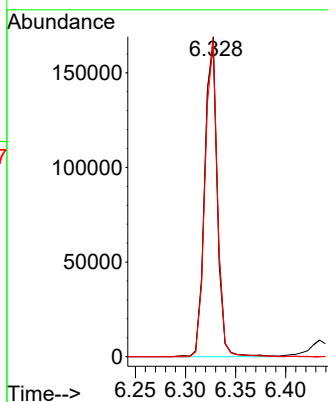
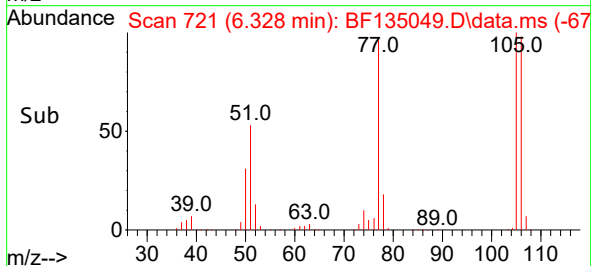
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Tgt Ion: 77 Resp: 14563
Ion Ratio Lower Upper
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105 103.7 78.4 118.4
106 102.0 74.3 114.3

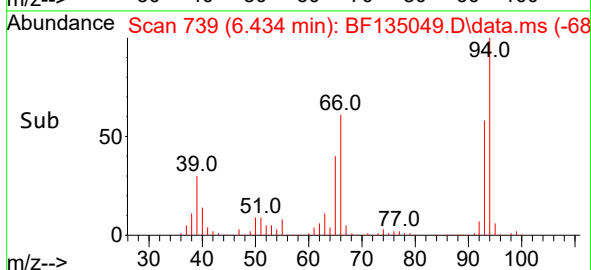
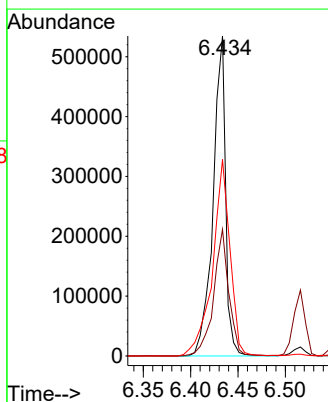
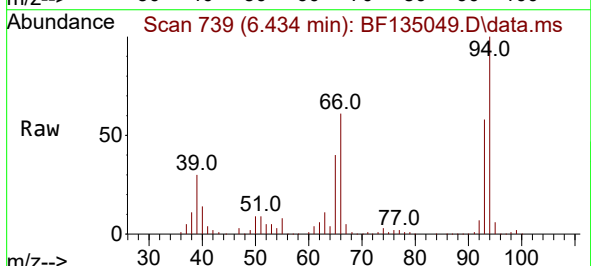
Manual Integrations
APPROVED

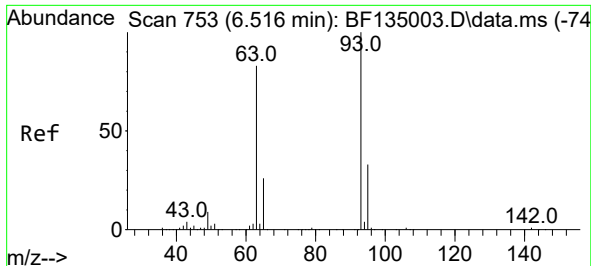
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#10
Phenol
Concen: 52.472 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

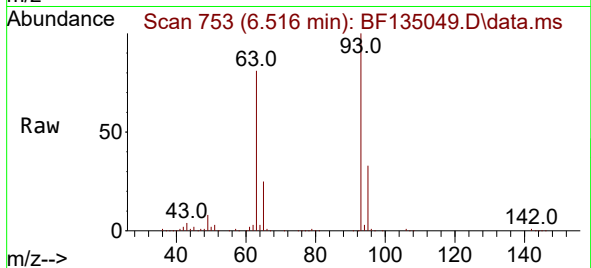
Tgt Ion: 94 Resp: 490664
Ion Ratio Lower Upper
94 100
65 39.5 13.2 53.2
66 61.4 27.5 67.5





#11
bis(2-Chloroethyl)ether
Concen: 52.705 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

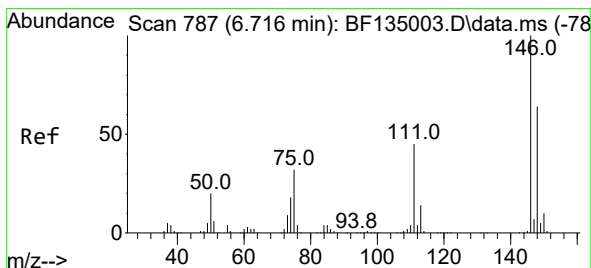
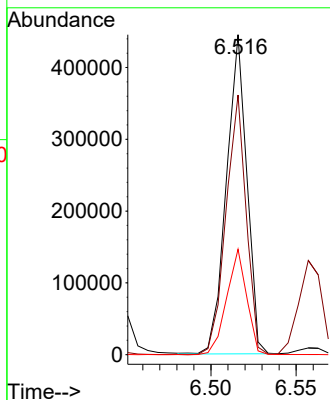
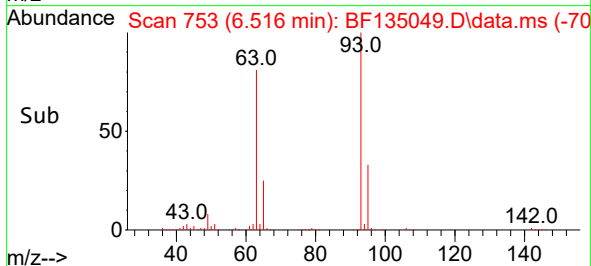
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



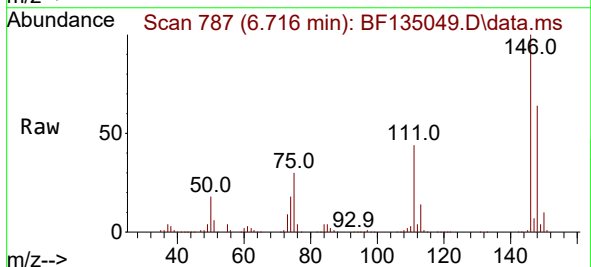
Tgt Ion: 93 Resp: 371118
Ion Ratio Lower Upper
93 100
63 81.2 62.8 102.8
95 33.0 12.7 52.7

Manual Integrations
APPROVED

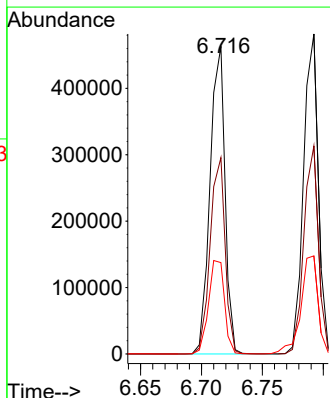
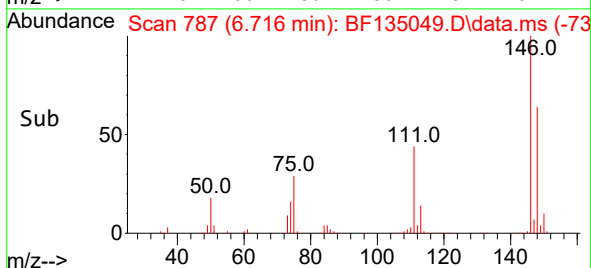
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

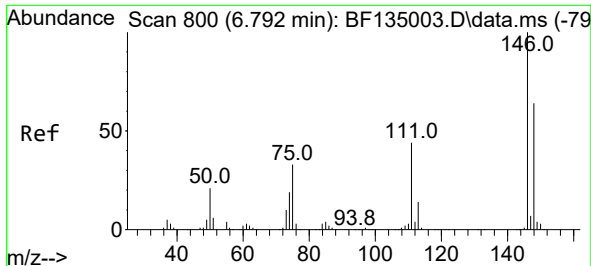


#12
1,3-Dichlorobenzene
Concen: 53.120 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



Tgt Ion:146 Resp: 397319
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
75 29.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 54.484 ng

RT: 6.792 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF135049.D

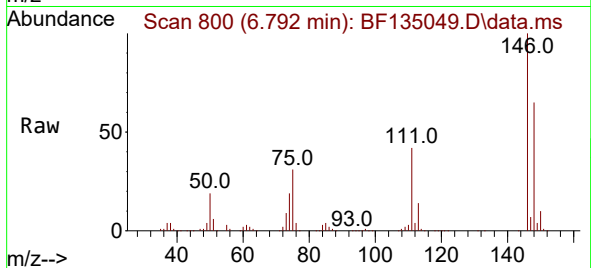
Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD



Tgt Ion:146 Resp: 40787

Ion Ratio Lower Upper

146 100

148 65.0 51.5 77.3

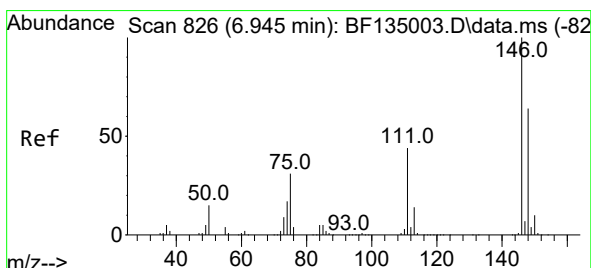
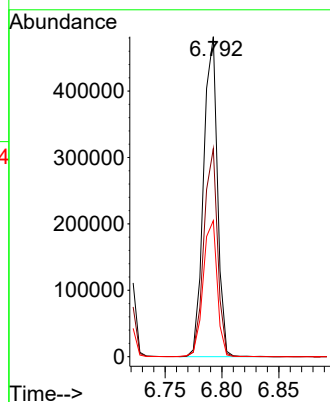
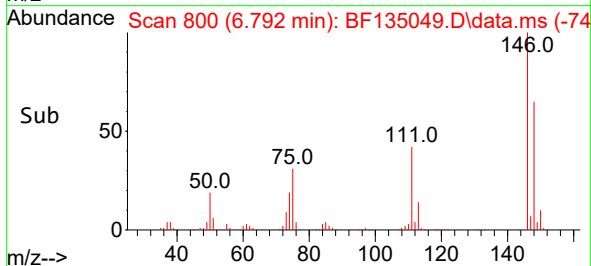
111 42.5 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#14

1,2-Dichlorobenzene

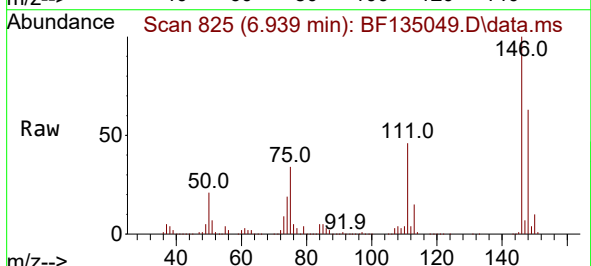
Concen: 55.303 ng

RT: 6.939 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22



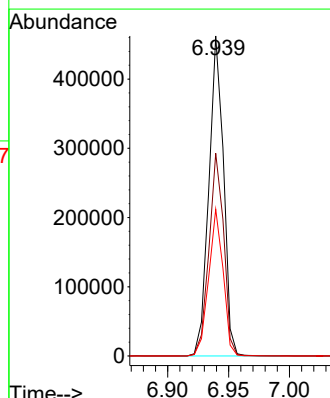
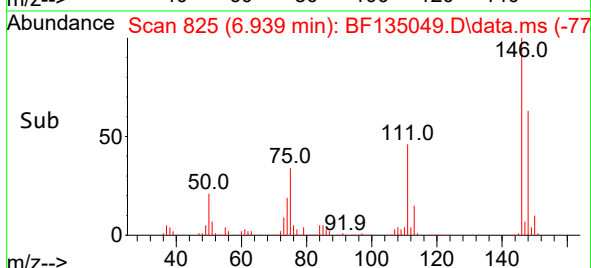
Tgt Ion:146 Resp: 386338

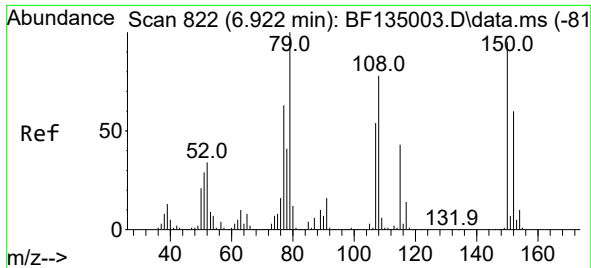
Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

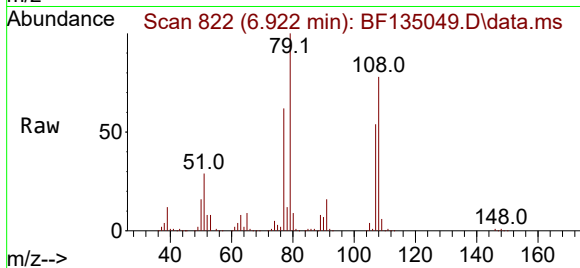
111 45.8 35.3 52.9





#15
Benzyl Alcohol
Concen: 56.364 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

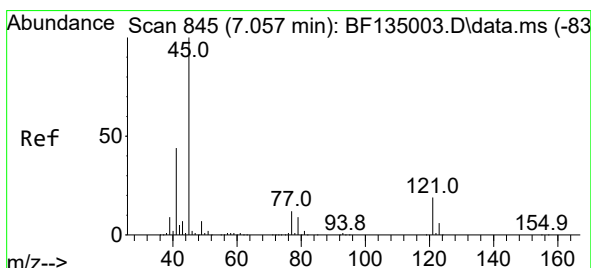
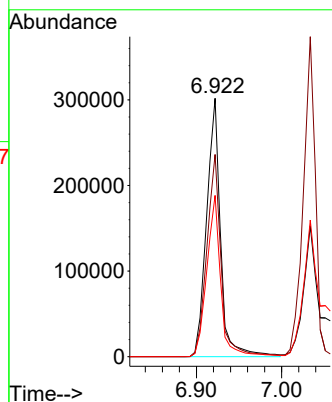
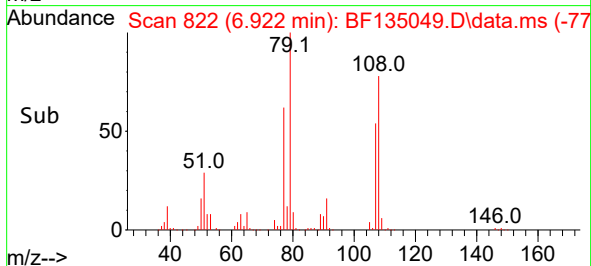
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion: 79 Resp: 343954
Ion Ratio Lower Upper
79 100
108 78.3 62.5 93.7
77 62.4 50.4 75.6

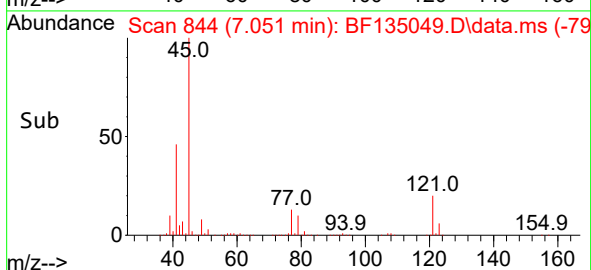
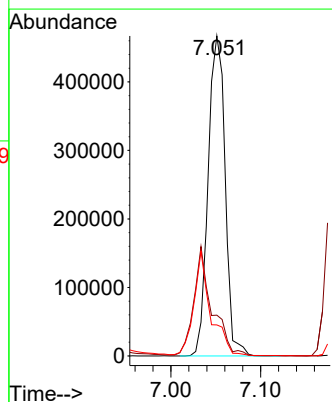
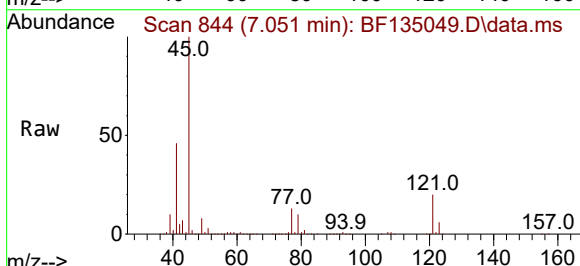
Manual Integrations
APPROVED

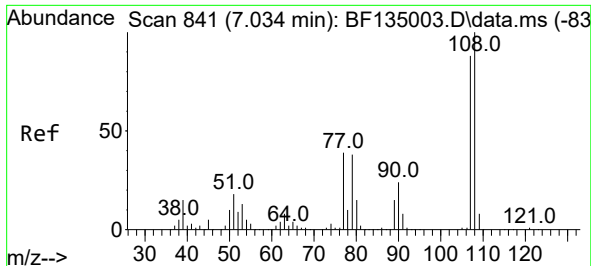
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.213 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

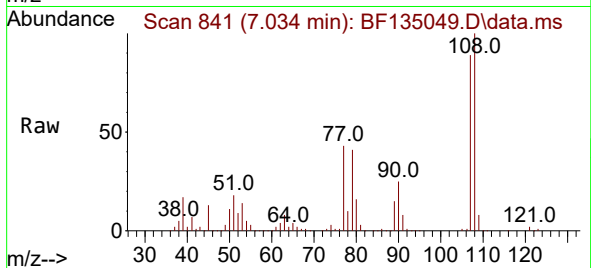
Tgt Ion: 45 Resp: 615688
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.3
79 9.7 0.0 29.5





#17
2-Methylphenol
Concen: 50.307 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

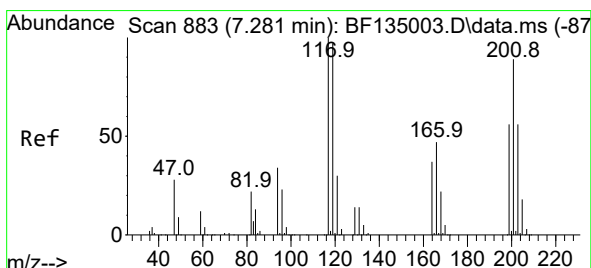
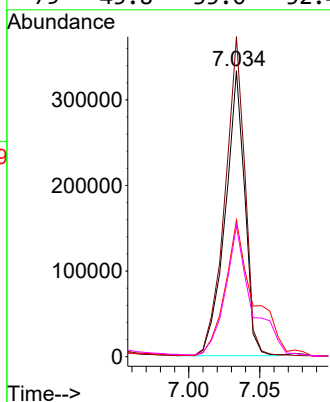
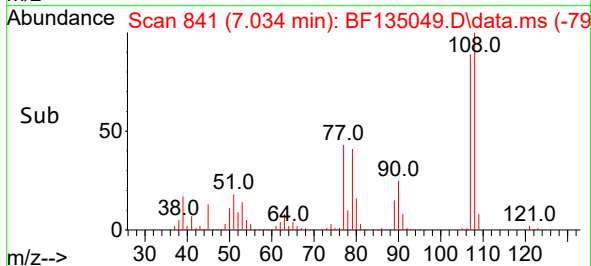
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:107 Resp: 318258
Ion Ratio Lower Upper
107 100
108 111.9 91.2 136.8
77 47.8 36.0 54.0
79 45.8 35.0 52.4

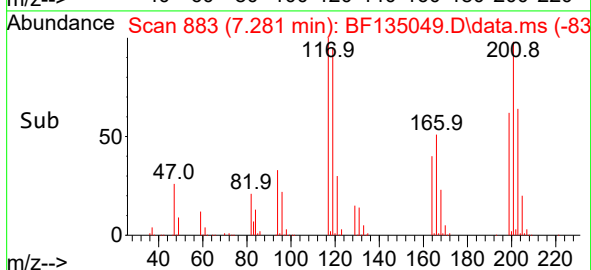
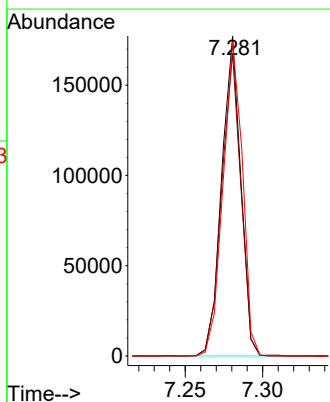
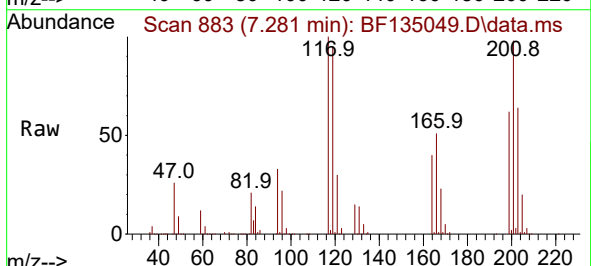
Manual Integrations
APPROVED

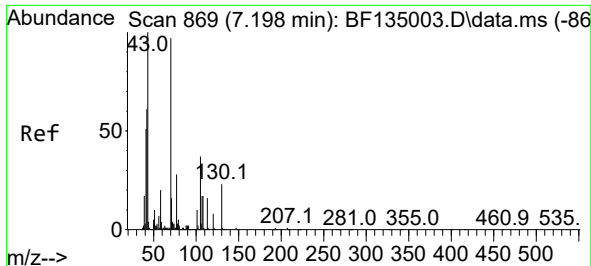
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#18
Hexachloroethane
Concen: 54.438 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

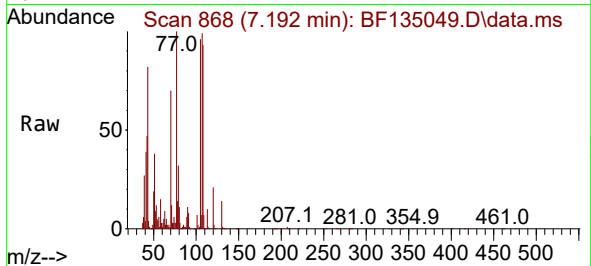
Tgt Ion:117 Resp: 150962
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 98.2 71.4 107.2





#19
n-Nitroso-di-n-propylamine
Concen: 51.068 ng
RT: 7.192 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

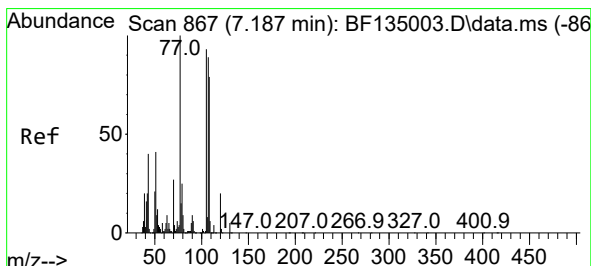
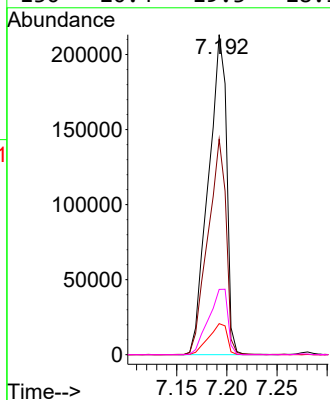
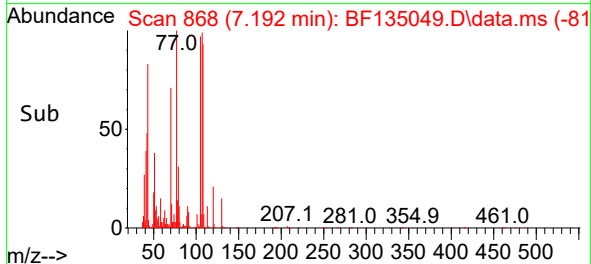
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion: 70 Resp: 270190
Ion Ratio Lower Upper
70 100
42 67.4 50.2 75.4
101 9.7 8.1 12.1
130 20.4 19.3 28.9

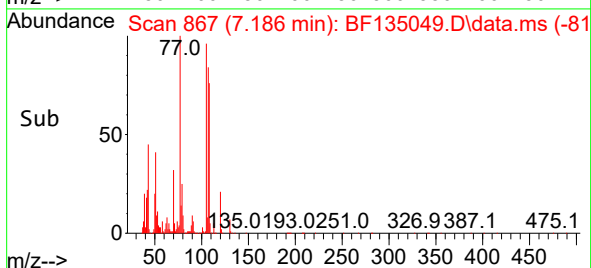
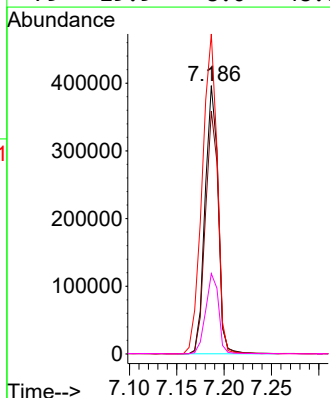
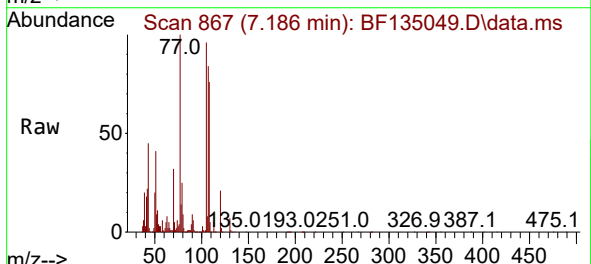
Manual Integrations
APPROVED

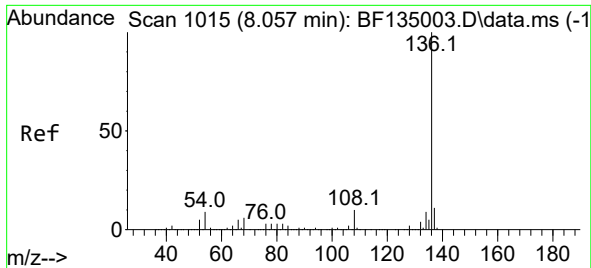
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#20
3+4-Methylphenols
Concen: 50.780 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

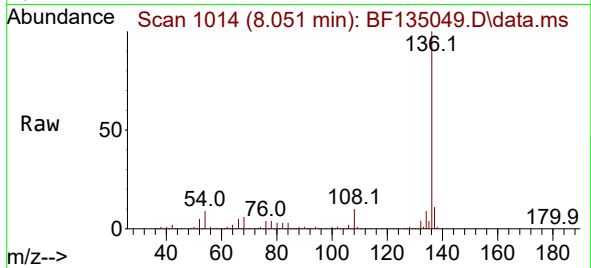
Tgt Ion:107 Resp: 378990
Ion Ratio Lower Upper
107 100
108 90.5 68.6 108.6
77 119.3 92.3 132.3
79 29.9 8.0 48.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

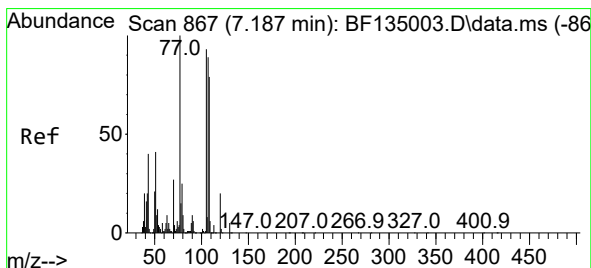
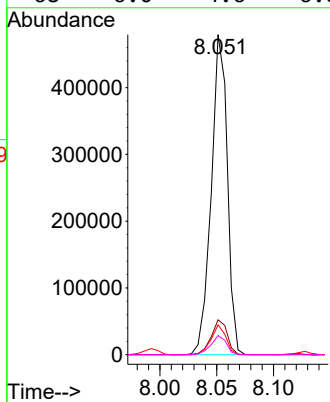
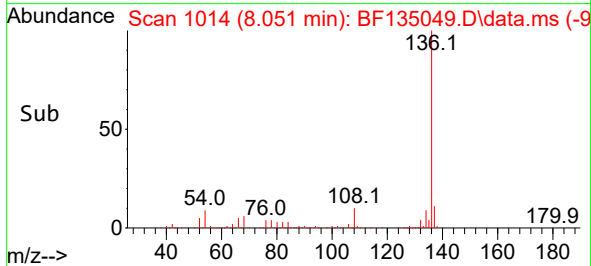
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:	136	Resp:	47144
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	9.3	7.0	10.4
68	6.0	4.6	6.8

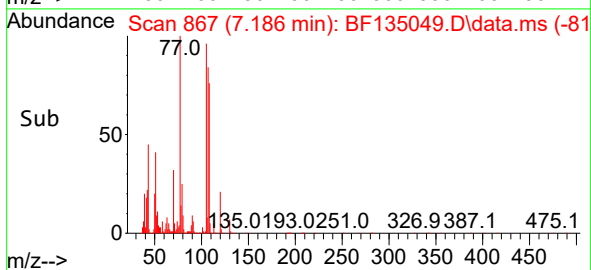
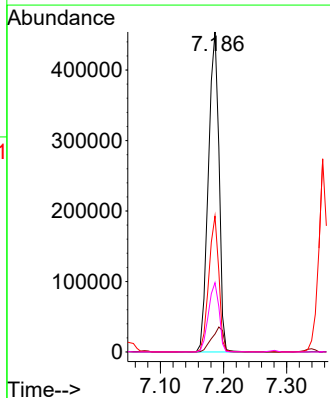
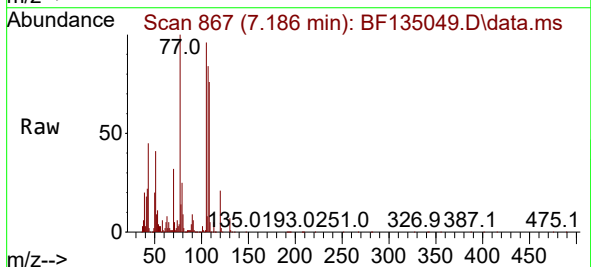
Manual Integrations
APPROVED

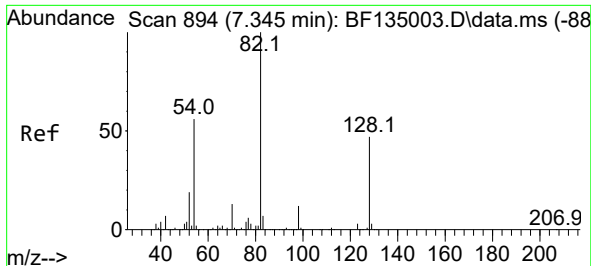
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#22
Acetophenone
Concen: 50.469 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Tgt Ion:	105	Resp:	529235
Ion Ratio	Lower	Upper	
105	100		
71	5.6	3.8	5.6
51	42.5	35.0	52.6
120	21.6	17.4	26.0





#23

Nitrobenzene-d5

Concen: 81.801 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD

Tgt Ion: 82 Resp: 68644

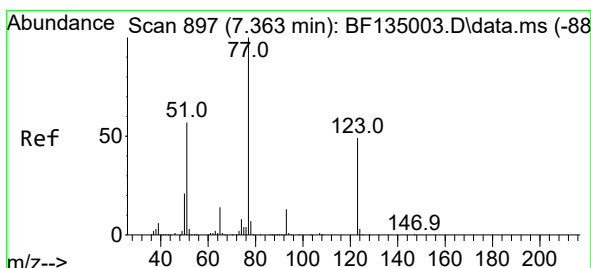
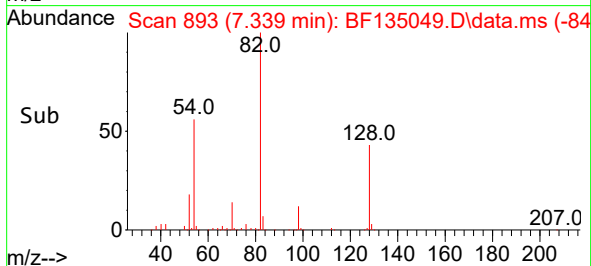
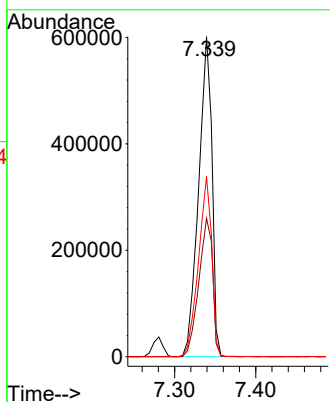
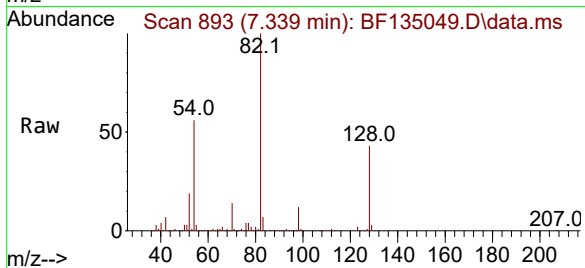
Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.8	56.8
54	56.3	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#24

Nitrobenzene

Concen: 48.136 ng

RT: 7.357 min Scan# 896

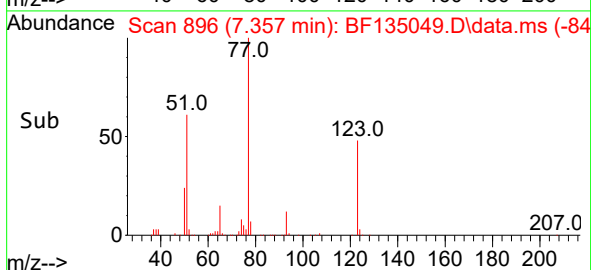
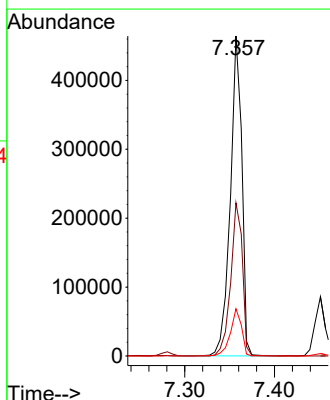
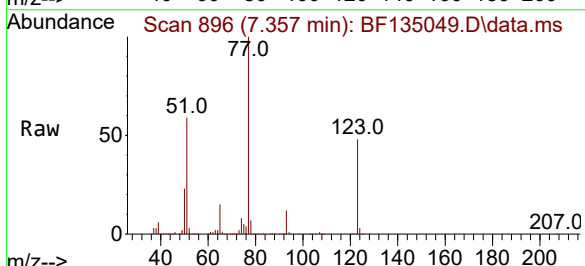
Delta R.T. -0.006 min

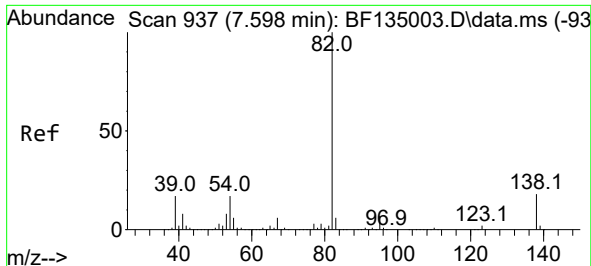
Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

Tgt Ion: 77 Resp: 414349

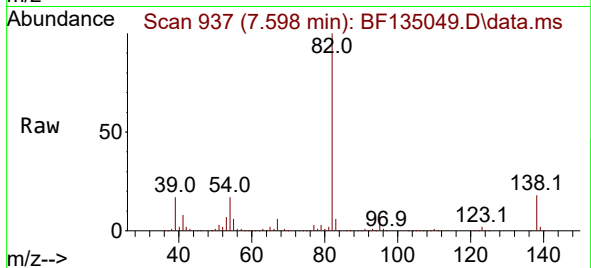
Ion	Ratio	Lower	Upper
77	100		
123	47.8	39.4	59.2
65	14.7	11.4	17.2





#25
Isophorone
Concen: 48.654 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

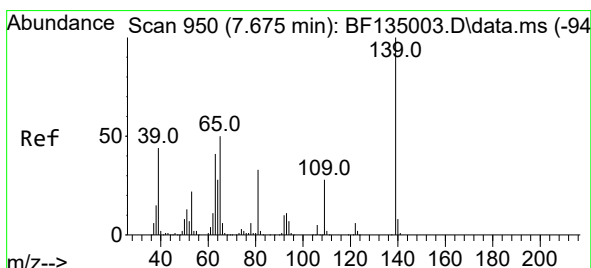
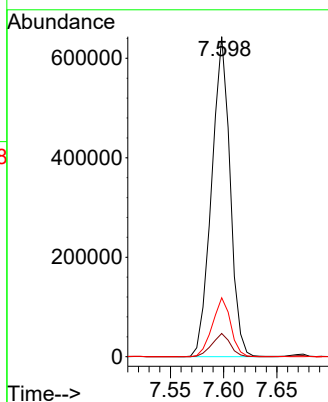
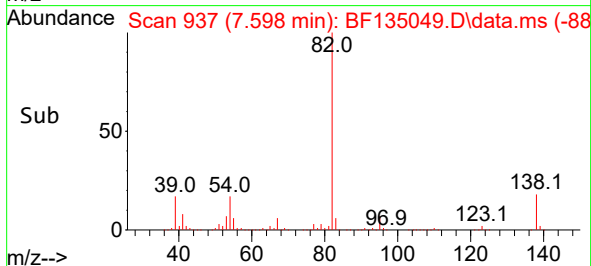
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



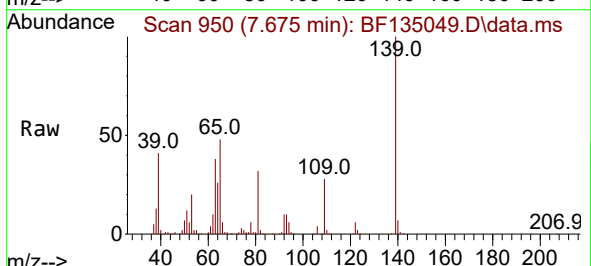
Tgt Ion: 82 Resp: 774104
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.4 14.7 22.1

Manual Integrations
APPROVED

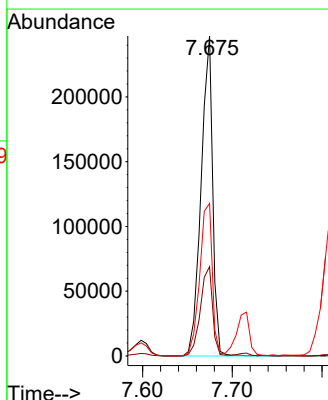
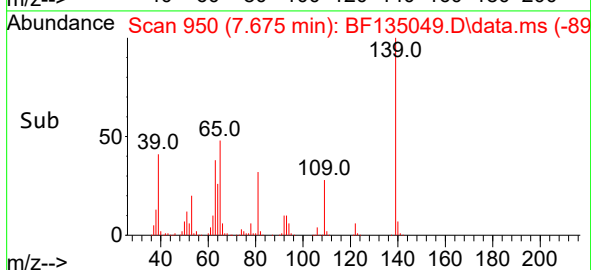
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

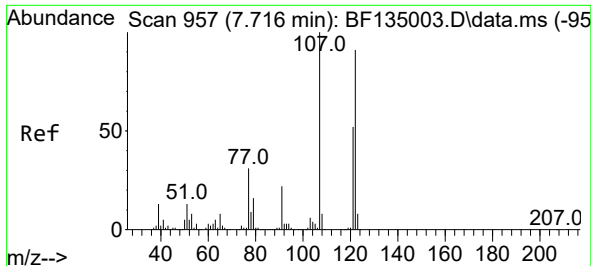


#26
2-Nitrophenol
Concen: 52.164 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



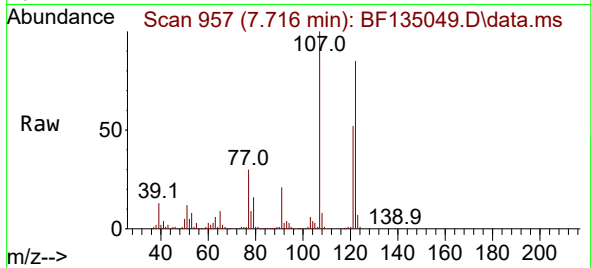
Tgt Ion:139 Resp: 221849
Ion Ratio Lower Upper
139 100
109 27.9 22.6 34.0
65 47.7 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 47.947 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

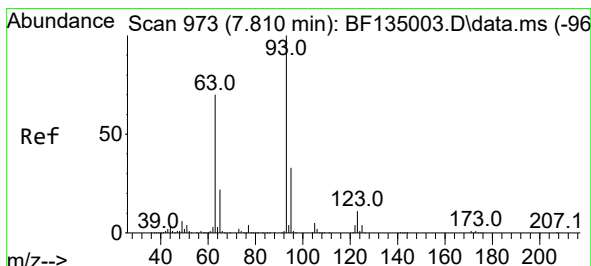
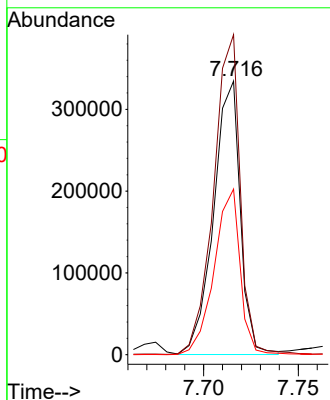
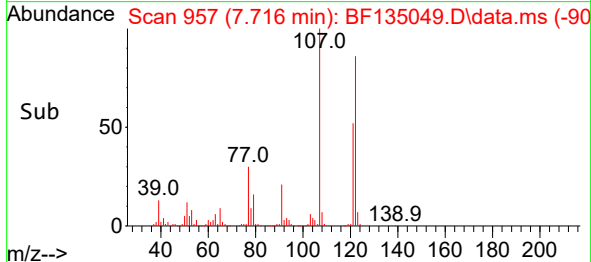
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:122 Resp: 328299
Ion Ratio Lower Upper
122 100
107 117.0 87.8 131.8
121 60.5 46.0 69.0

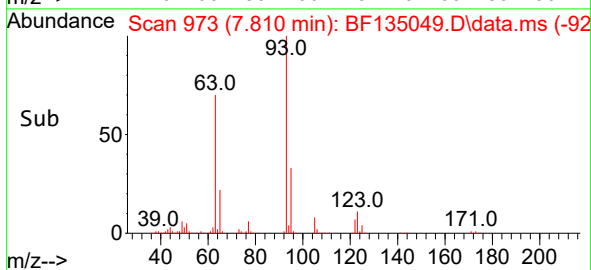
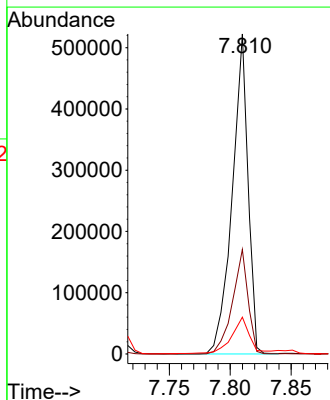
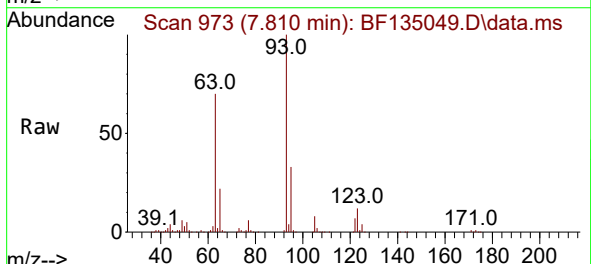
Manual Integrations
APPROVED

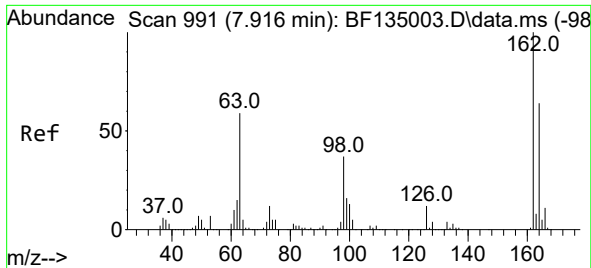
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.146 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Tgt Ion: 93 Resp: 471686
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.889 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF135049.D

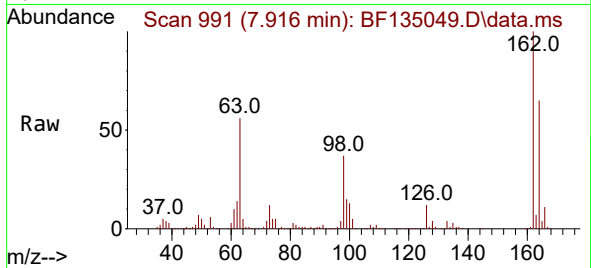
Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD



Tgt Ion:162 Resp: 33116

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

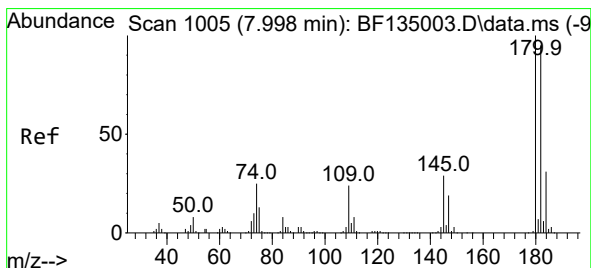
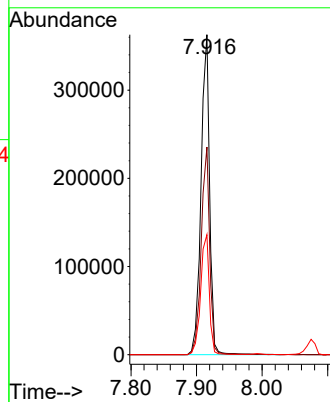
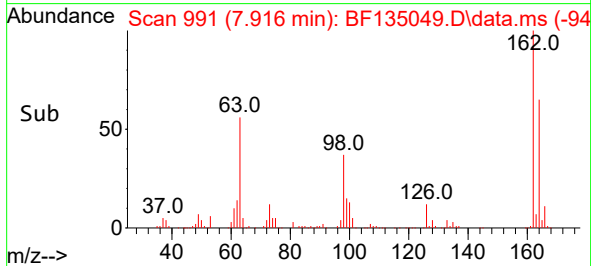
98 37.5 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.019 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

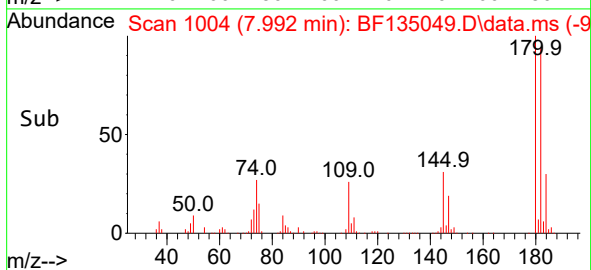
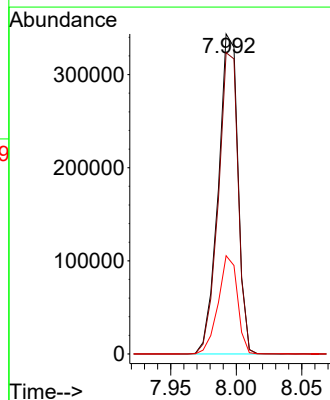
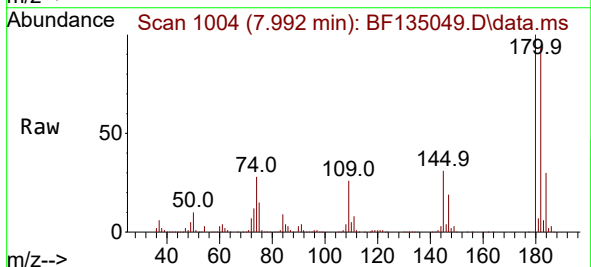
Tgt Ion:180 Resp: 358787

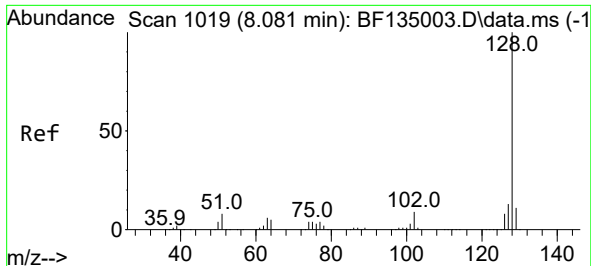
Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

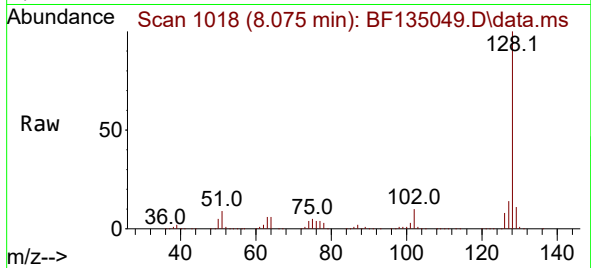
145 30.7 23.5 35.3





#31
Naphthalene
Concen: 48.367 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

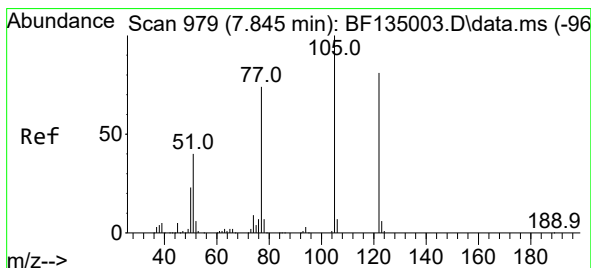
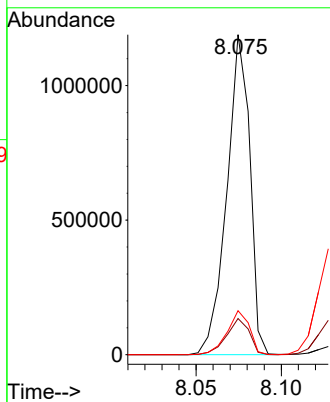
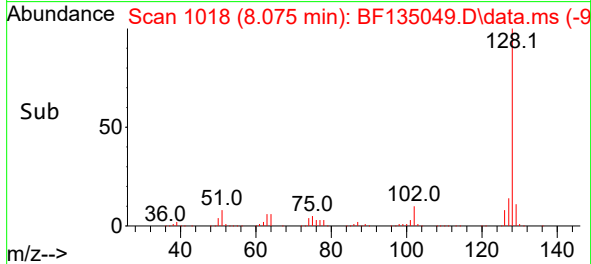
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:128 Resp: 1113878
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.8 10.6 16.0

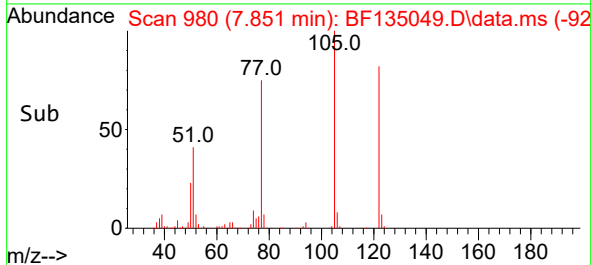
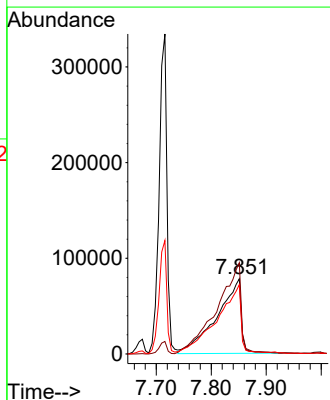
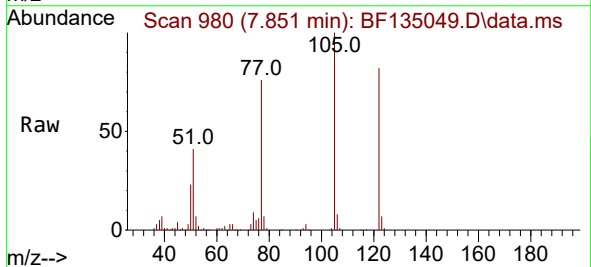
Manual Integrations
APPROVED

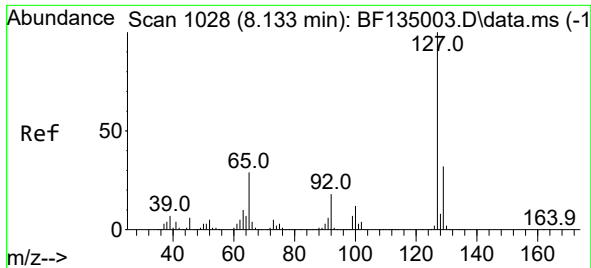
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#32
Benzoic acid
Concen: 43.989 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Tgt Ion:122 Resp: 240939
Ion Ratio Lower Upper
122 100
105 121.4 99.8 139.8
77 92.1 69.5 109.5





#33
4-Chloroaniline
Concen: 32.778 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

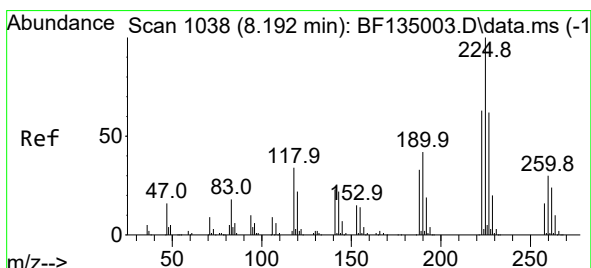
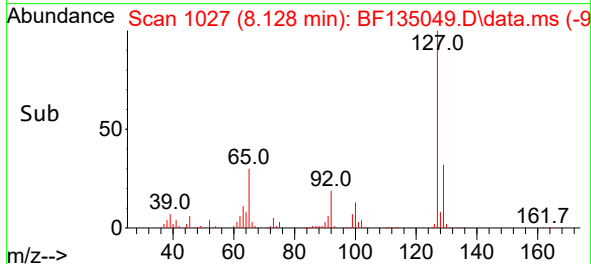
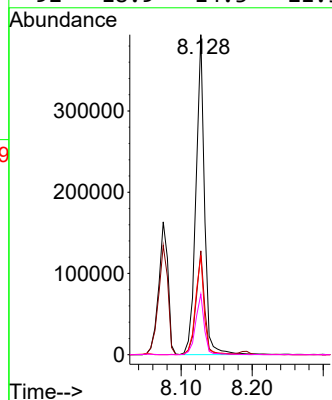
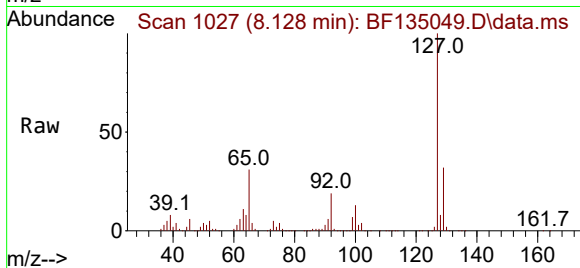
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD

Tgt Ion:127 Resp: 330172

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	31.0	23.1	34.7
92	18.9	14.3	21.5

Manual Integrations
APPROVED

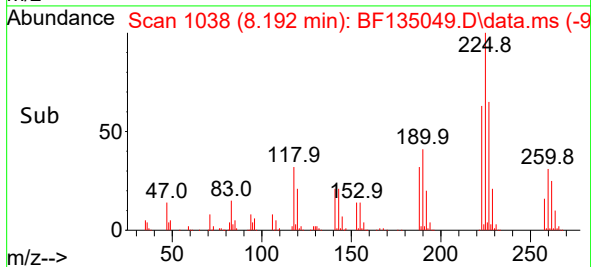
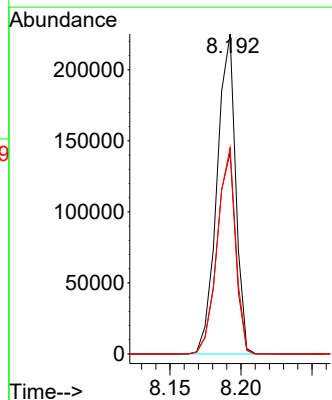
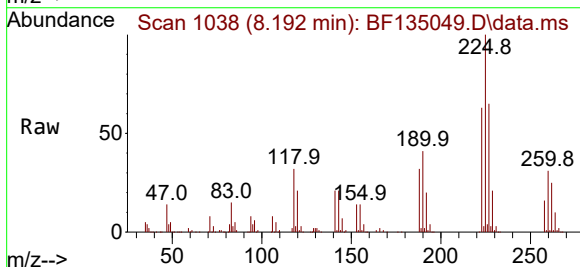
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

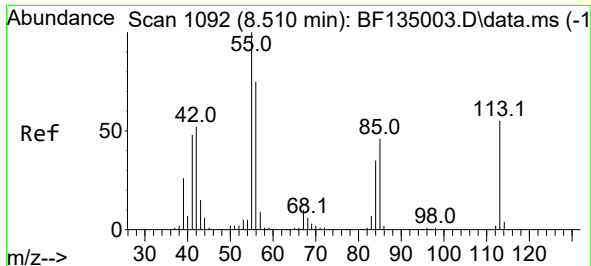


#34
Hexachlorobutadiene
Concen: 51.397 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Tgt Ion:225 Resp: 205125

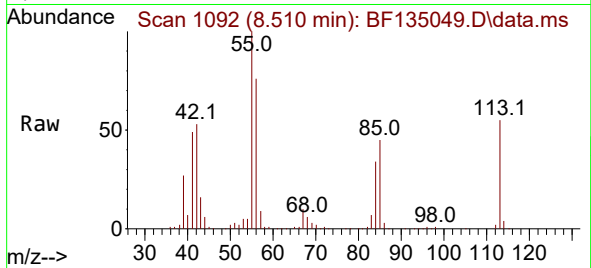
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	64.5	49.6	74.4





#35
 Caprolactam
 Concen: 50.474 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: BF135049.D
 Acq: 31 Aug 2023 19:22

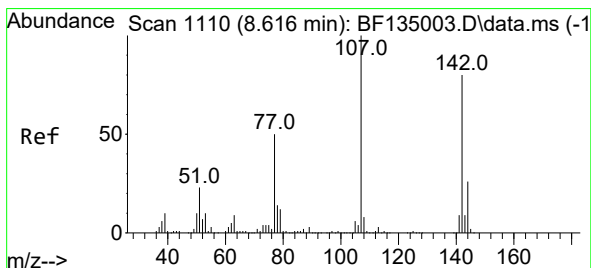
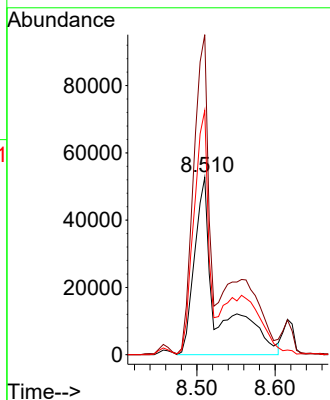
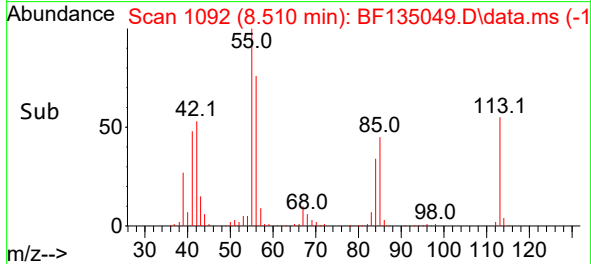
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(48-50)MSD



Tgt Ion:113 Resp: 10754
 Ion Ratio Lower Upper
 113 100
 55 180.5 160.6 200.6
 56 137.7 115.4 155.4

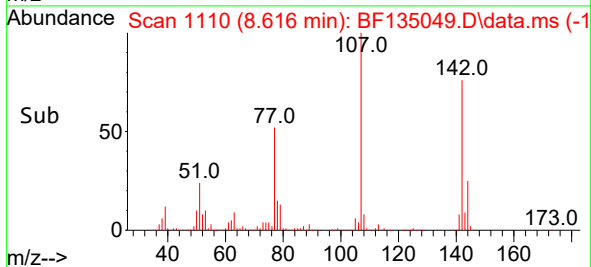
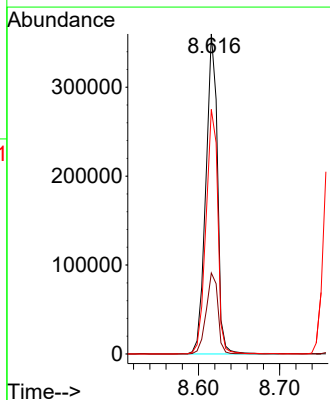
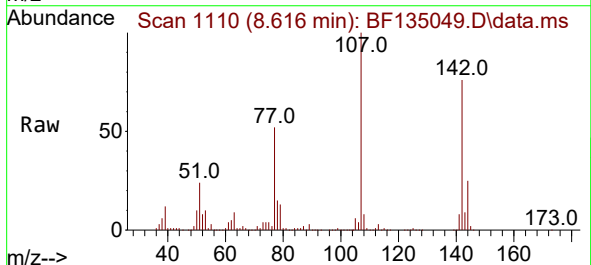
Manual Integrations
 APPROVED

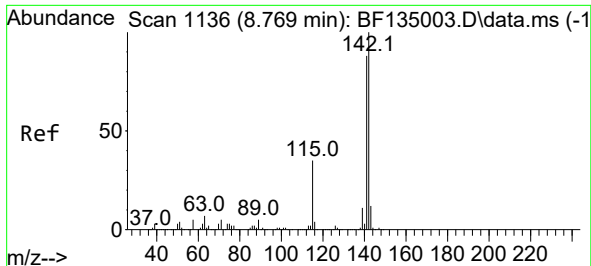
Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 50.373 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: BF135049.D
 Acq: 31 Aug 2023 19:22

Tgt Ion:107 Resp: 356039
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 31.0
 142 76.4 64.4 96.6





#37
2-Methylnaphthalene
Concen: 47.639 ng
RT: 8.769 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

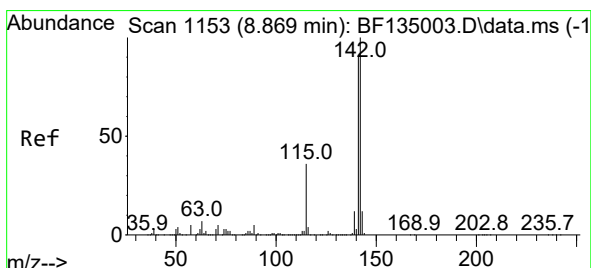
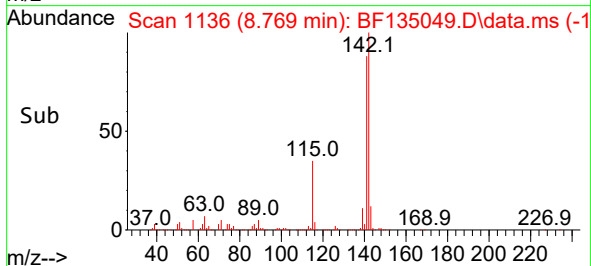
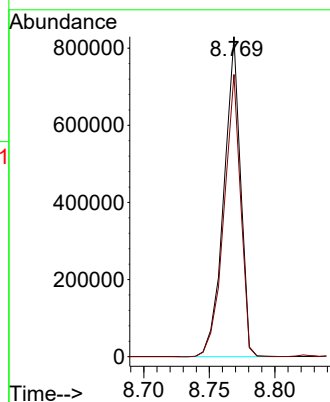
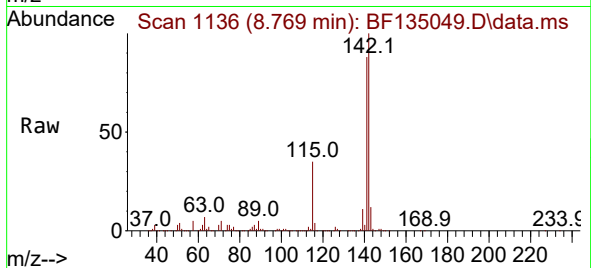
SB-01(48-50)MSD

Tgt Ion:142 Resp: 73203
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1

Manual Integrations

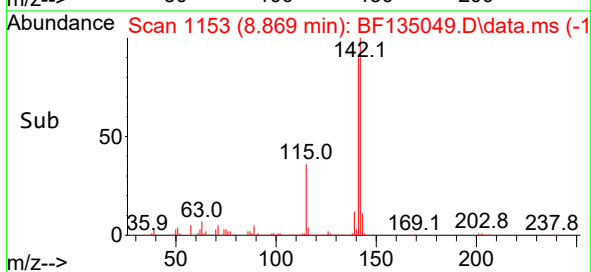
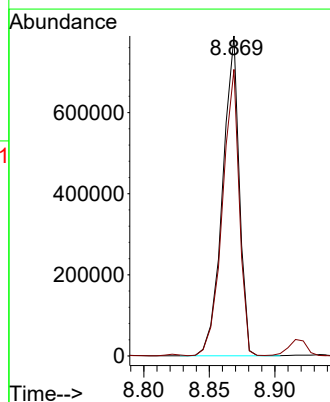
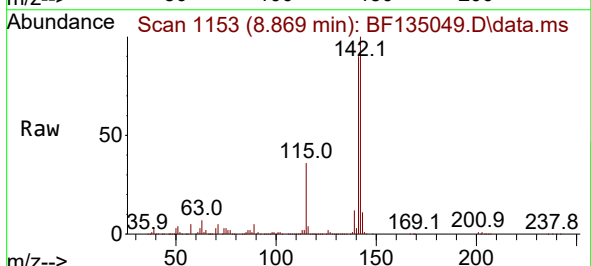
APPROVED

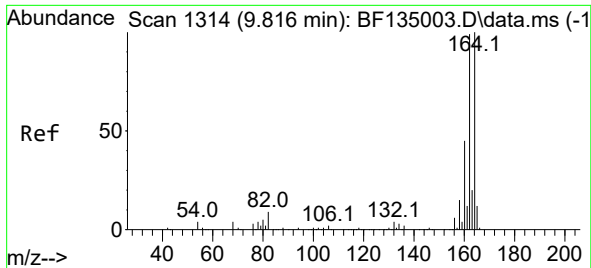
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#38
1-Methylnaphthalene
Concen: 48.596 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

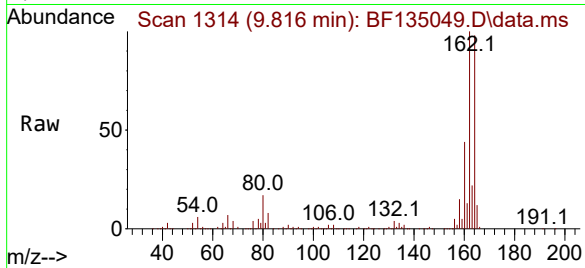
Tgt Ion:142 Resp: 698697
Ion Ratio Lower Upper
142 100
141 89.6 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

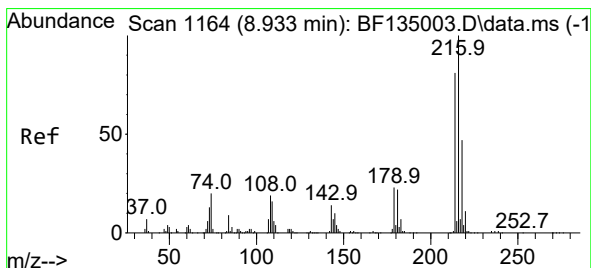
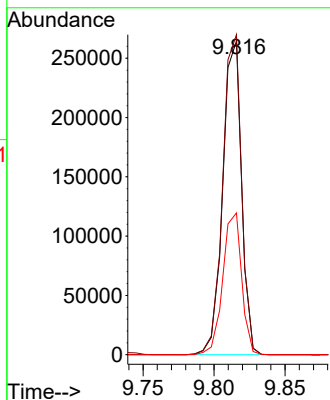
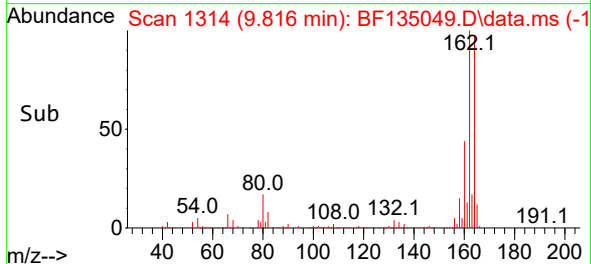
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



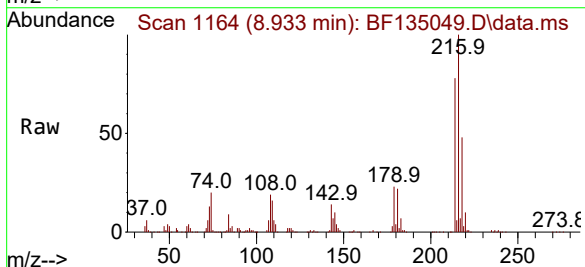
Tgt Ion:164 Resp: 24193
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 45.2 36.0 54.0

Manual Integrations
APPROVED

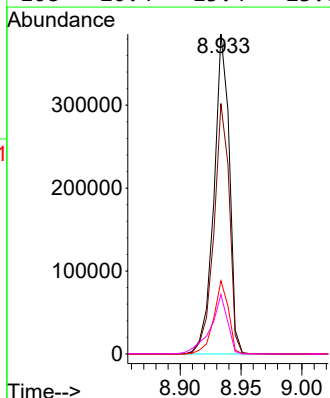
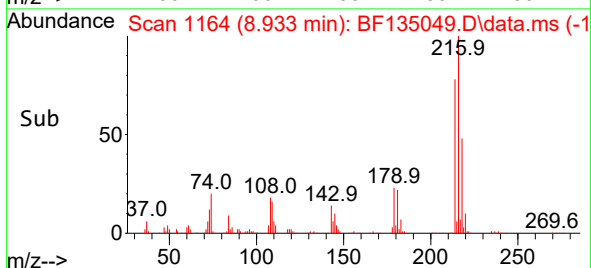
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.342 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



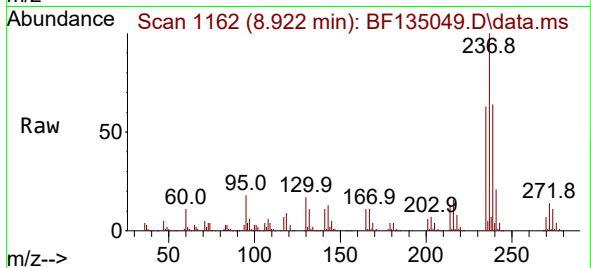
Tgt Ion:216 Resp: 340947
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.8
179 21.9 17.7 26.5
108 20.4 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 110.369 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

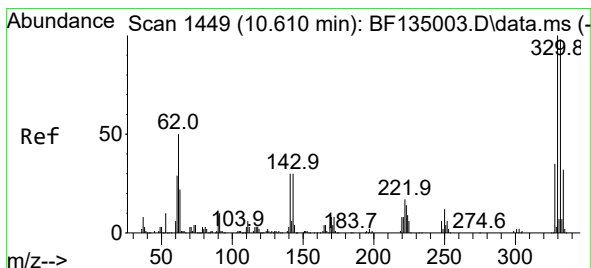
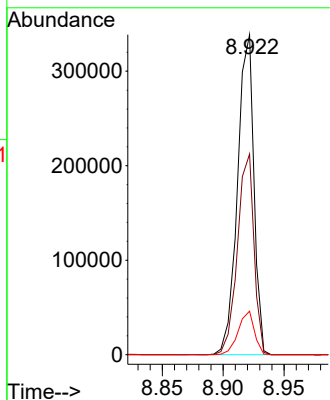
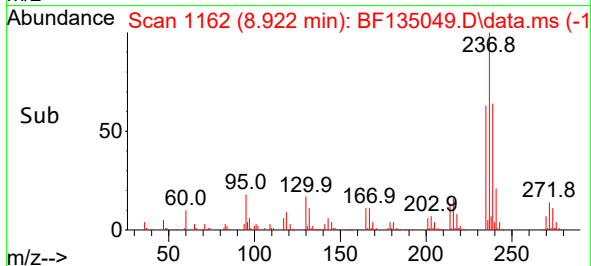
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



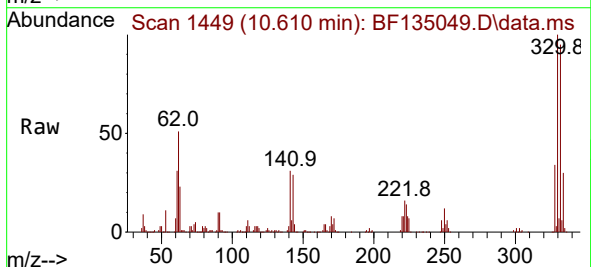
Tgt Ion:237 Resp: 31814
Ion Ratio Lower Upper
237 100
235 62.7 40.9 80.9
272 13.6 0.0 33.9

Manual Integrations
APPROVED

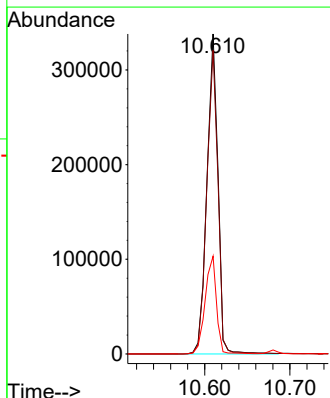
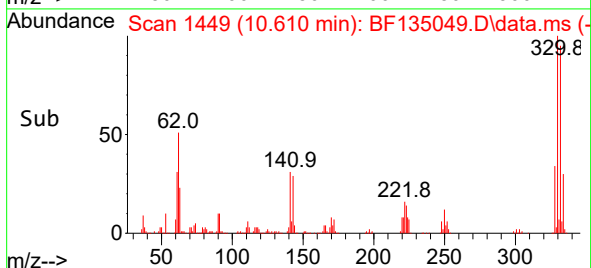
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

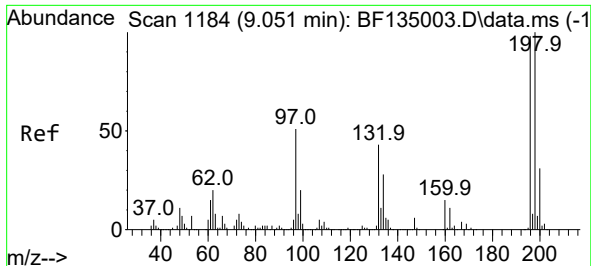


#42
2,4,6-Tribromophenol
Concen: 118.127 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



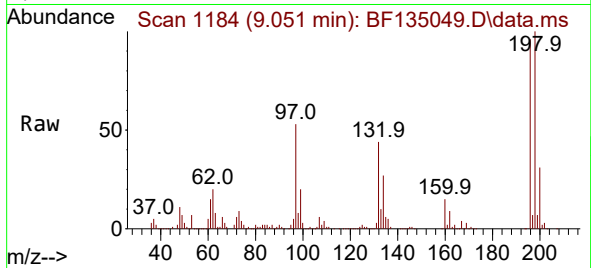
Tgt Ion:330 Resp: 303158
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 31.7 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 51.293 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

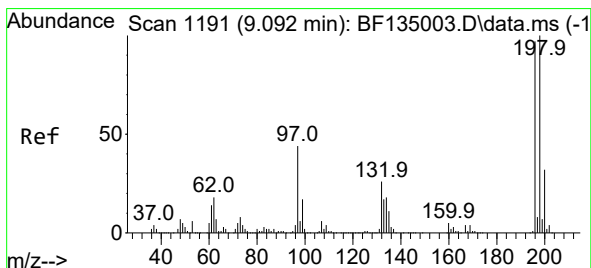
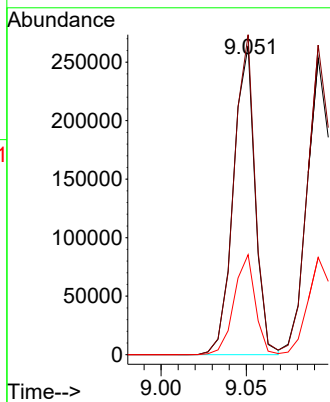
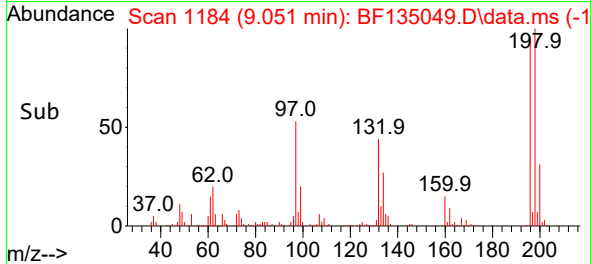
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:196 Resp: 233297
Ion Ratio Lower Upper
196 100
198 103.7 81.8 122.6
200 32.4 25.7 38.5

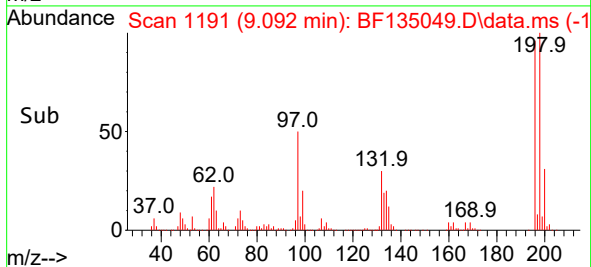
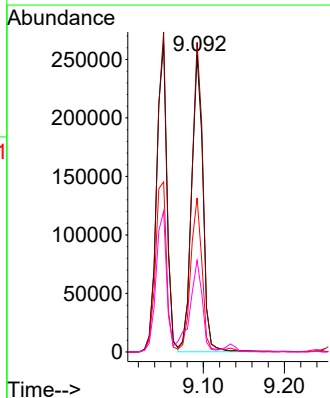
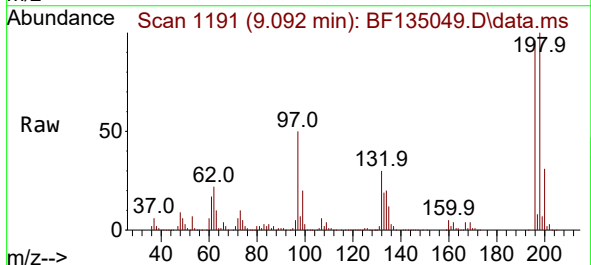
Manual Integrations
APPROVED

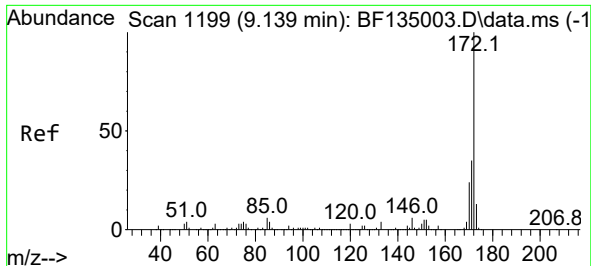
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#44
2,4,5-Trichlorophenol
Concen: 46.991 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

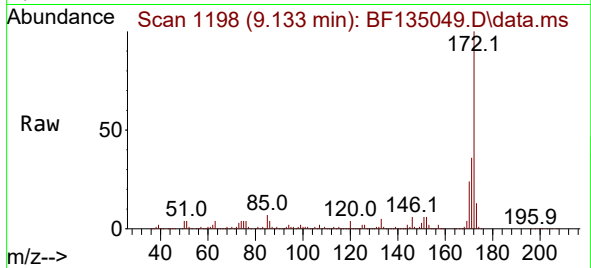
Tgt Ion:196 Resp: 247443
Ion Ratio Lower Upper
196 100
198 104.3 82.8 124.2
97 51.9 36.5 54.7
132 30.9 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 81.448 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

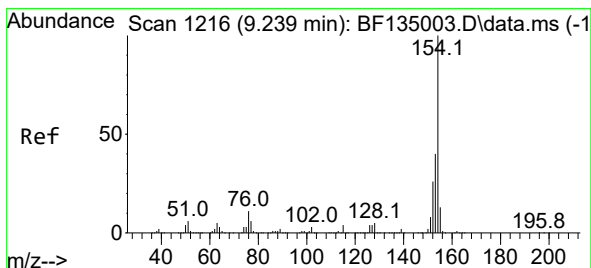
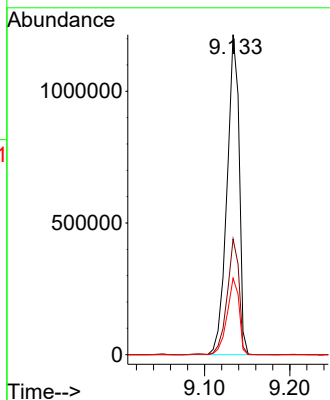
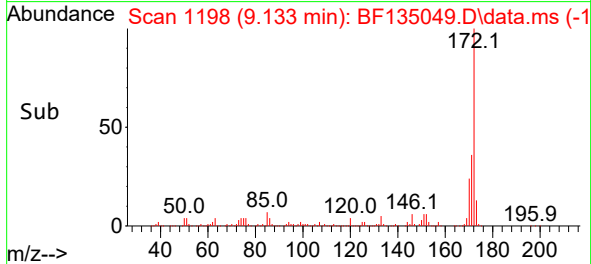
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:172 Resp: 1210290
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 23.9 19.0 28.4

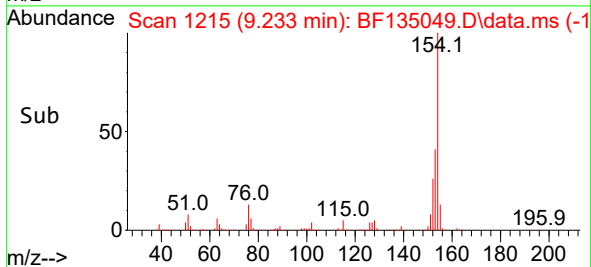
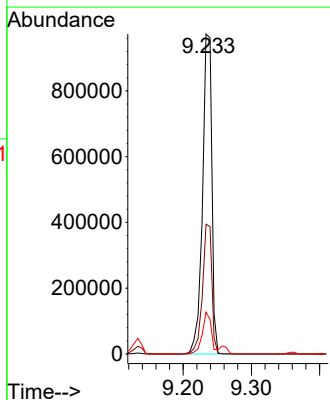
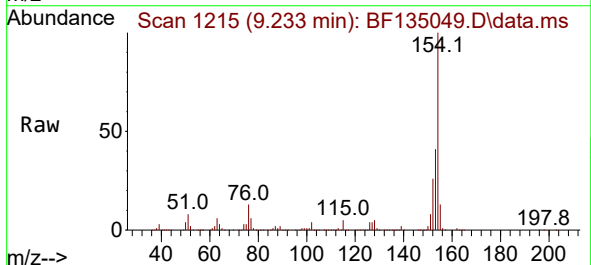
Manual Integrations
APPROVED

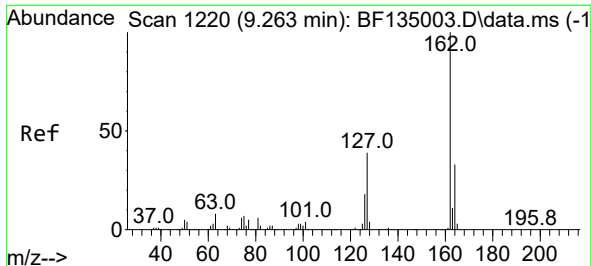
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#46
1,1'-Biphenyl
Concen: 50.177 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Tgt Ion:154 Resp: 927474
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 13.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 50.536 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD

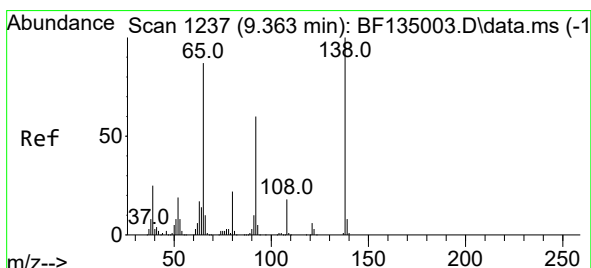
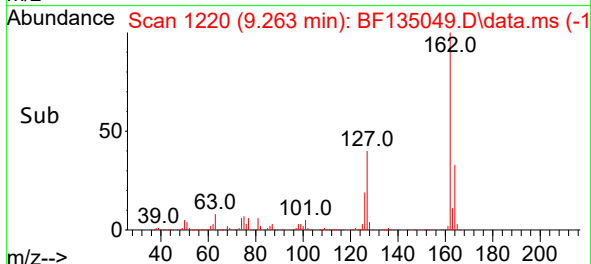
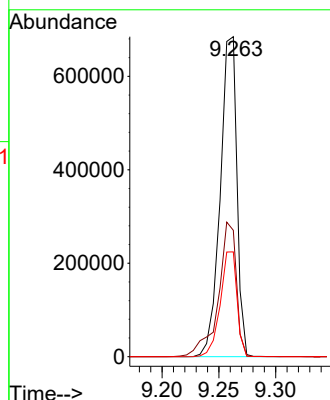
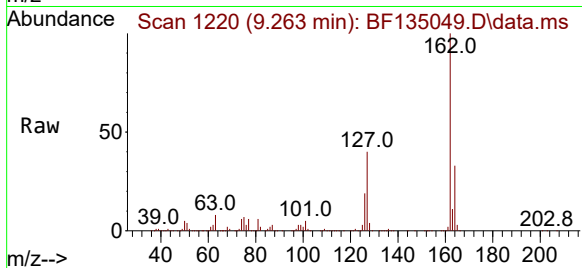
Tgt Ion:162 Resp: 70244

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.8	47.6
164	32.7	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#48

2-Nitroaniline

Concen: 49.684 ng

RT: 9.363 min Scan# 1237

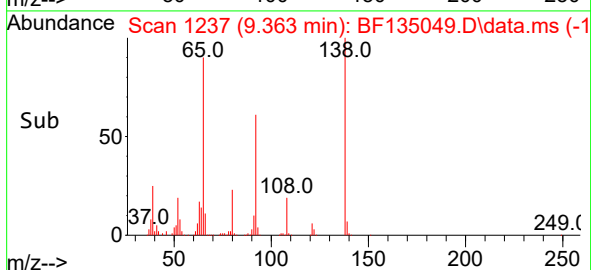
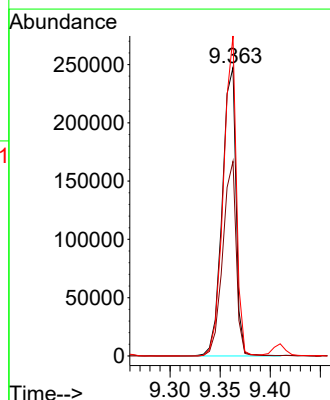
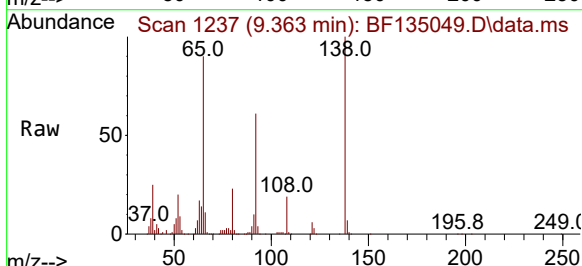
Delta R.T. -0.000 min

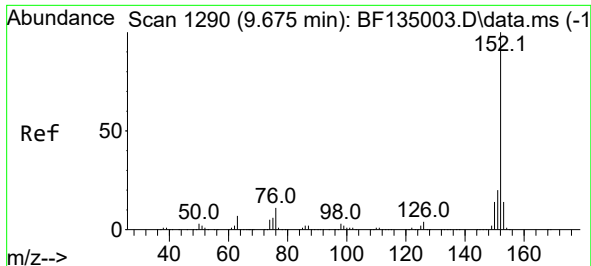
Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

Tgt Ion: 65 Resp: 236407

Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.9	82.3
138	110.9	91.6	137.4





#49

Acenaphthylene

Concen: 50.541 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF135049.D

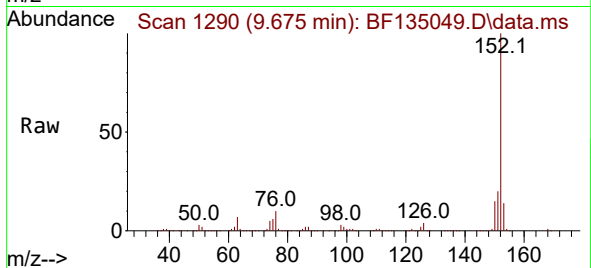
Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD



Tgt Ion:152 Resp: 1061959

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

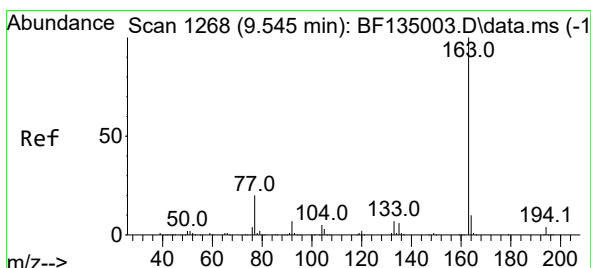
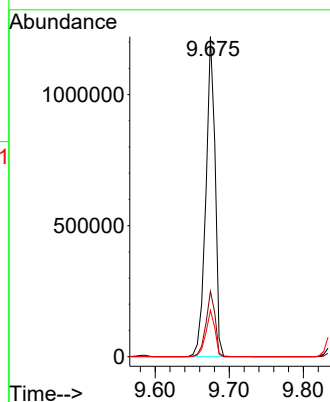
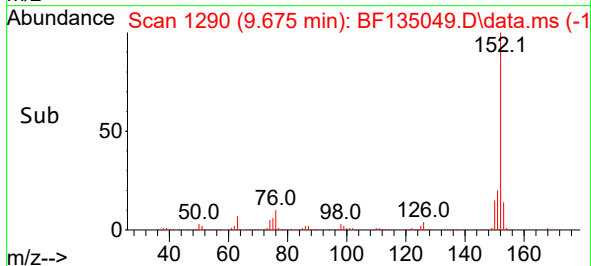
153 14.5 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#50

Dimethylphthalate

Concen: 48.953 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.000 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

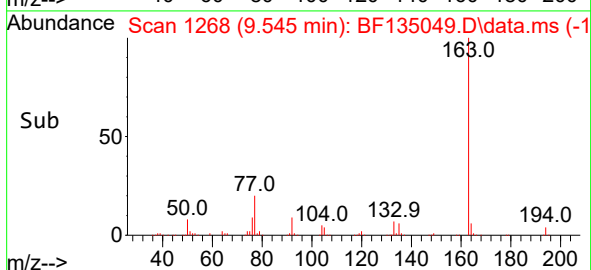
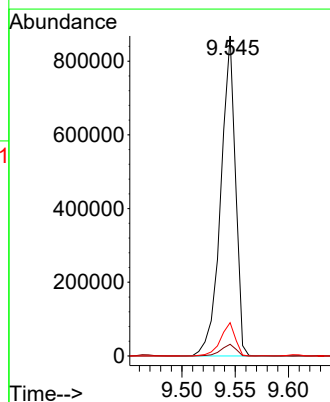
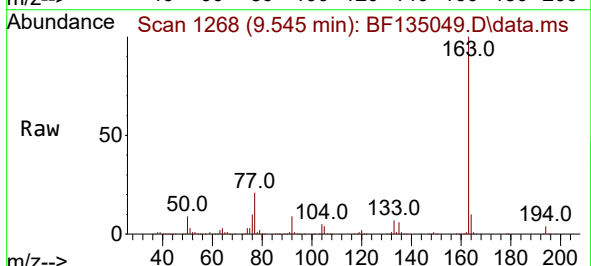
Tgt Ion:163 Resp: 829274

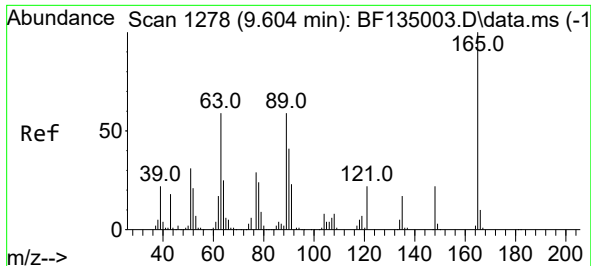
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

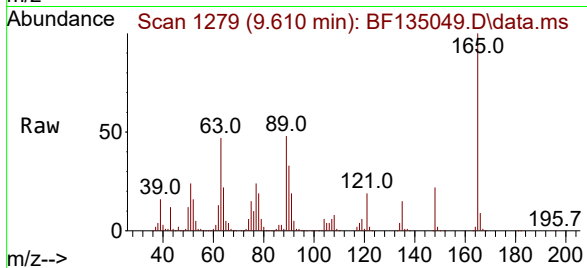
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.172 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

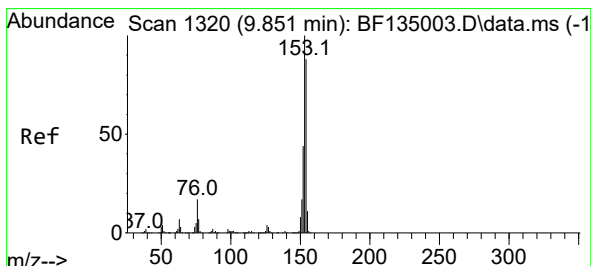
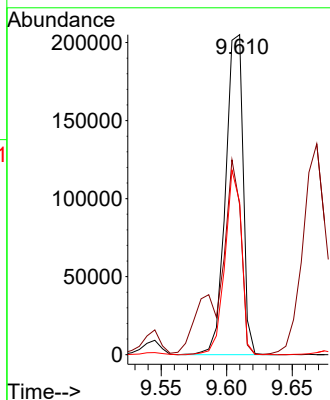
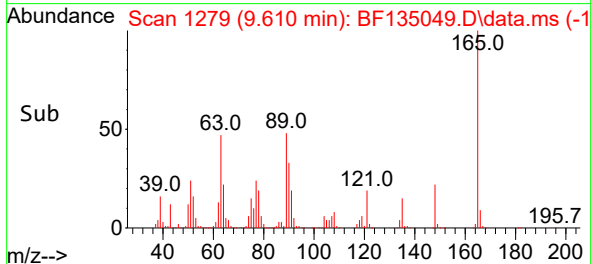
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:165 Resp: 19021
Ion Ratio Lower Upper
165 100
63 46.8 50.4 75.6
89 47.7 47.1 70.7

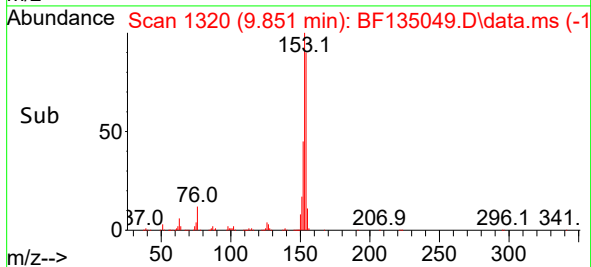
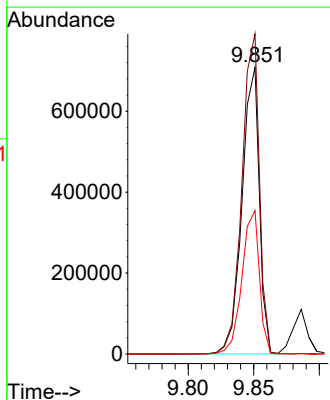
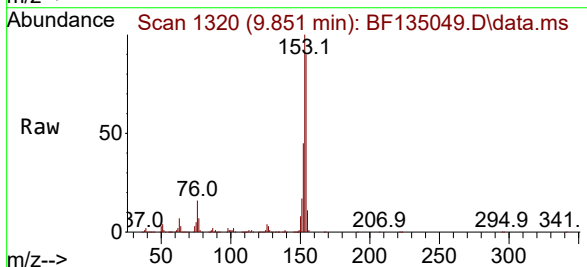
Manual Integrations
APPROVED

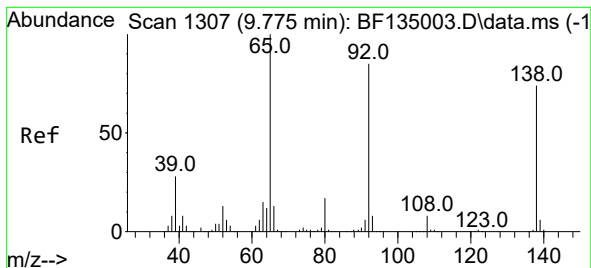
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#52
Acenaphthene
Concen: 48.645 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

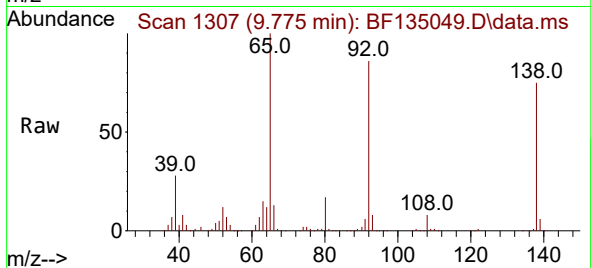
Tgt Ion:154 Resp: 651363
Ion Ratio Lower Upper
154 100
153 111.6 90.8 136.2
152 50.0 40.2 60.4





#53
3-Nitroaniline
Concen: 37.436 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

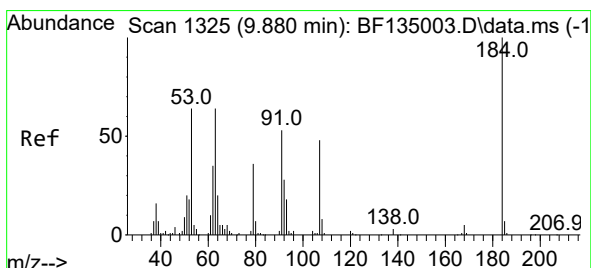
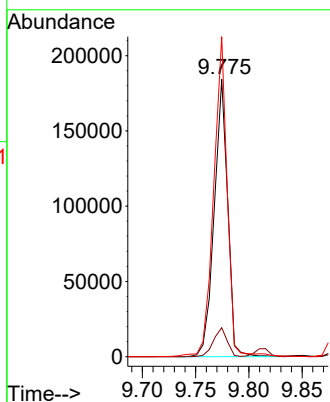
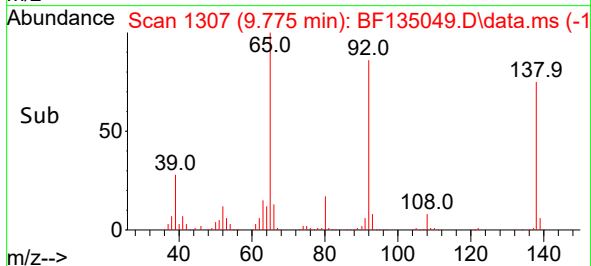
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:138 Resp: 162090
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 115.3 92.2 138.4

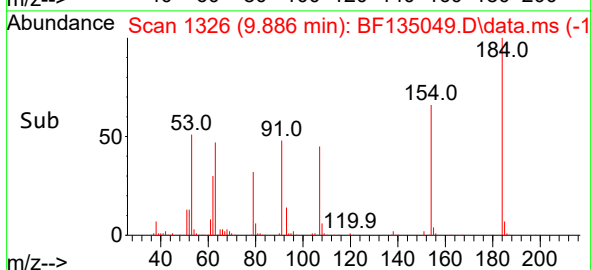
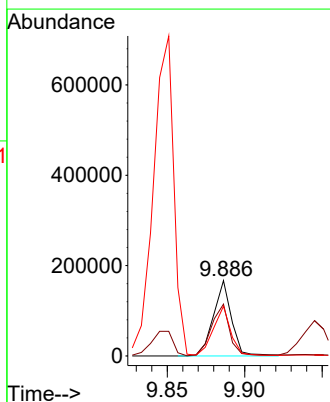
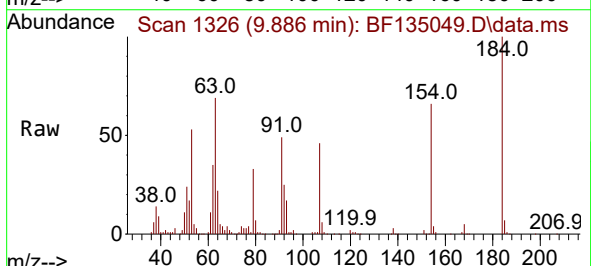
Manual Integrations
APPROVED

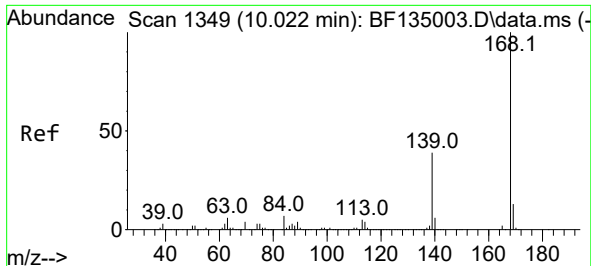
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#54
2,4-Dinitrophenol
Concen: 76.528 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

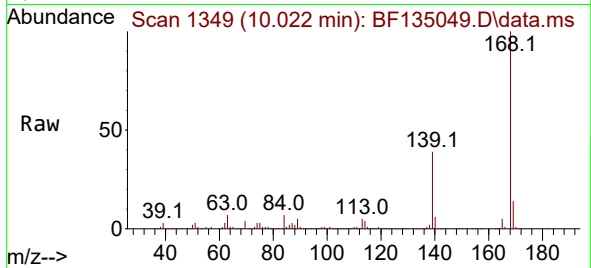
Tgt Ion:184 Resp: 135954
Ion Ratio Lower Upper
184 100
63 68.9 62.2 93.2
154 66.2 52.3 78.5





#55
Dibenzenofuran
Concen: 48.646 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

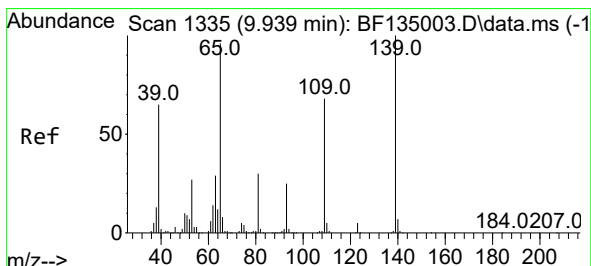
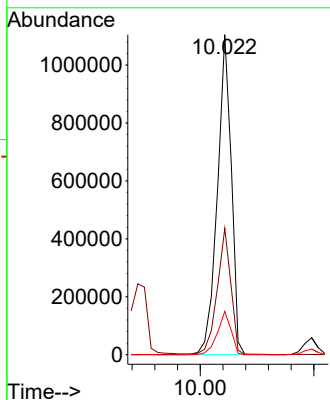
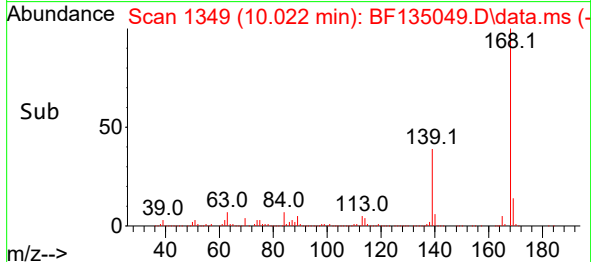
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



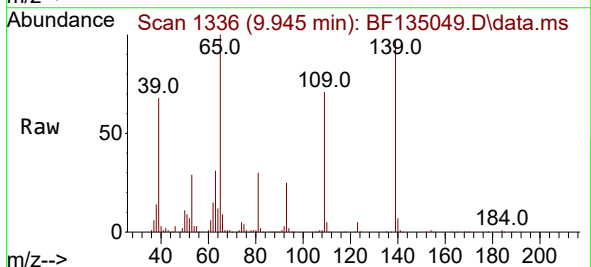
Tgt Ion:168 Resp: 939630
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 13.5 10.7 16.1

Manual Integrations
APPROVED

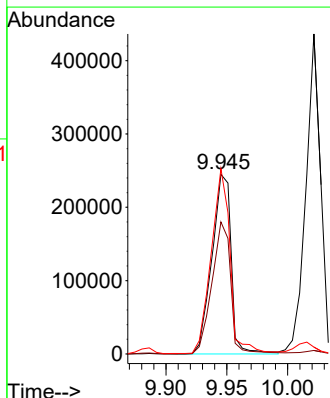
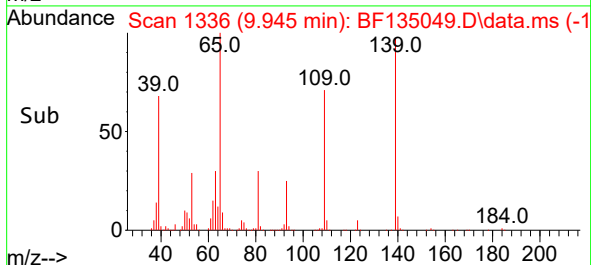
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

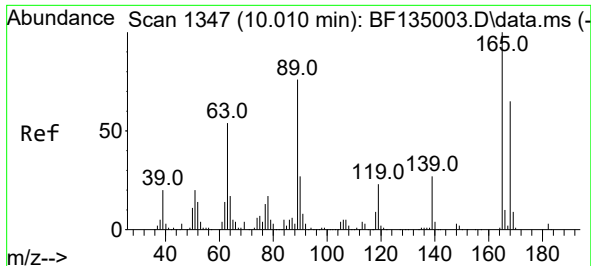


#56
4-Nitrophenol
Concen: 88.568 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



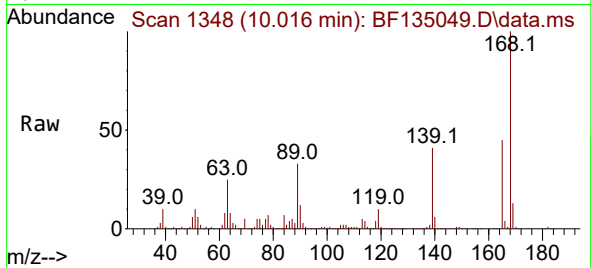
Tgt Ion:139 Resp: 269575
Ion Ratio Lower Upper
139 100
109 73.5 47.7 87.7
65 103.2 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 49.834 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

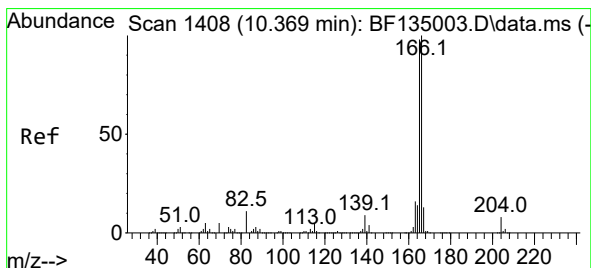
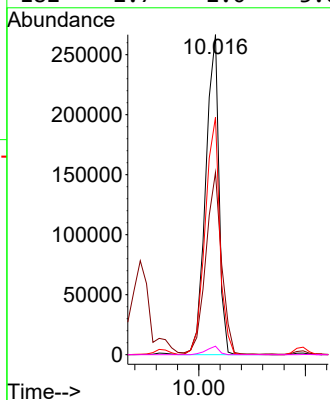
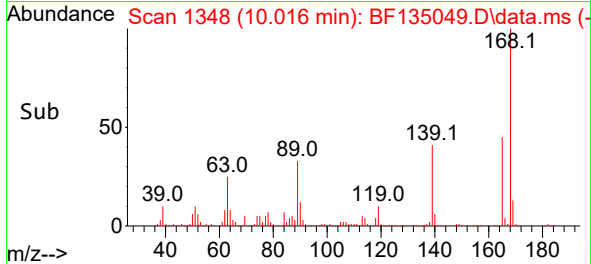
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:165 Resp: 23084
Ion Ratio Lower Upper
165 100
63 56.9 43.2 64.8
89 74.2 60.8 91.2
182 2.7 2.0 3.0

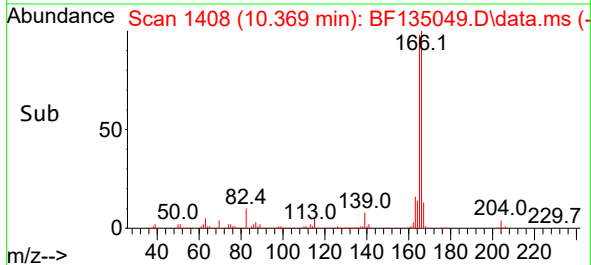
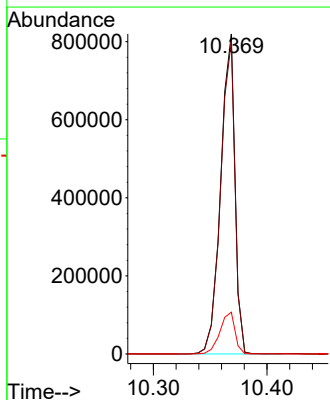
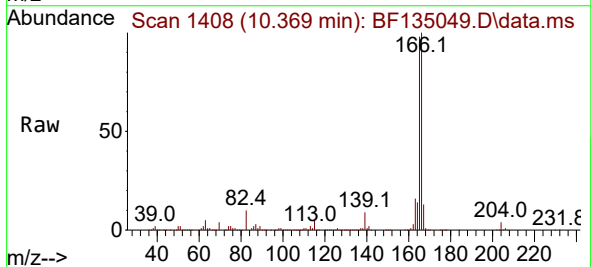
Manual Integrations
APPROVED

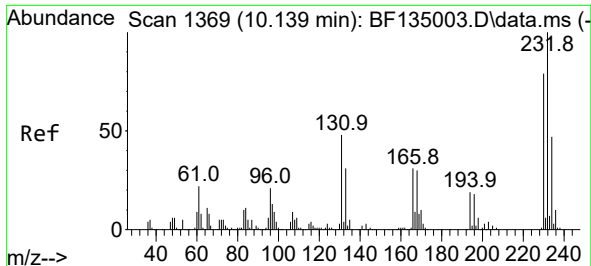
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#58
Fluorene
Concen: 48.758 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

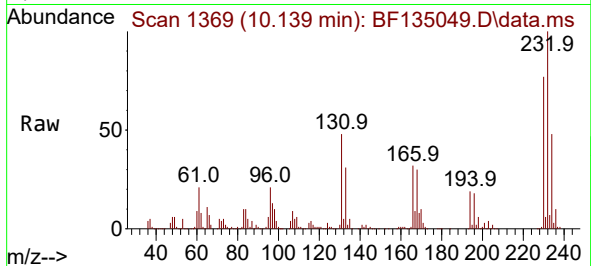
Tgt Ion:166 Resp: 718009
Ion Ratio Lower Upper
166 100
165 97.7 78.0 117.0
167 13.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.703 ng
RT: 10.139 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

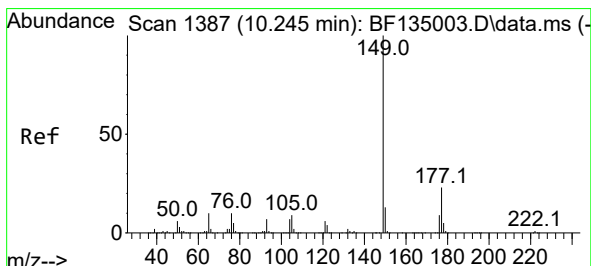
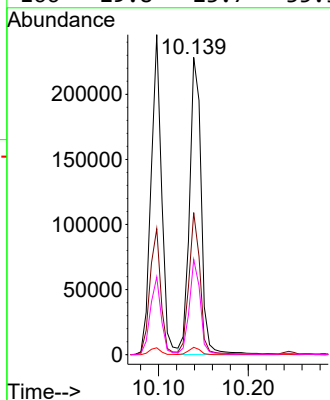
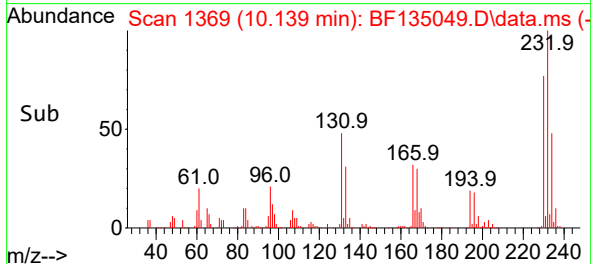
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



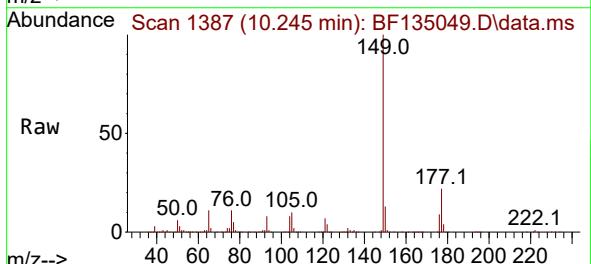
Tgt Ion:232 Resp: 205592
Ion Ratio Lower Upper
232 100
131 45.1 35.3 52.9
130 2.4 1.7 2.5
166 29.8 23.7 35.5

Manual Integrations
APPROVED

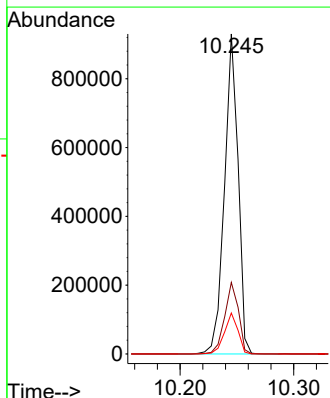
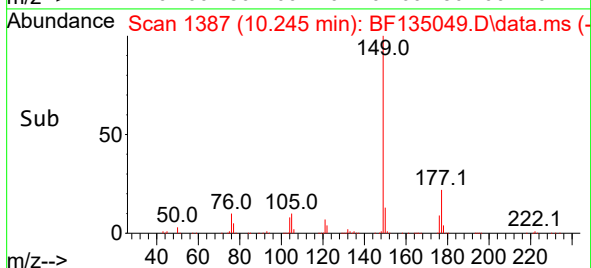
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

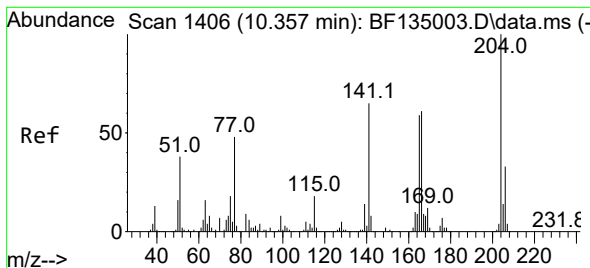


#60
Diethylphthalate
Concen: 48.676 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



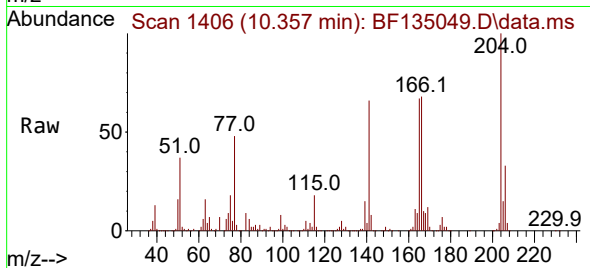
Tgt Ion:149 Resp: 776214
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.041 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

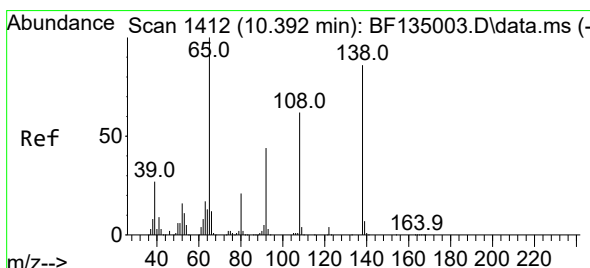
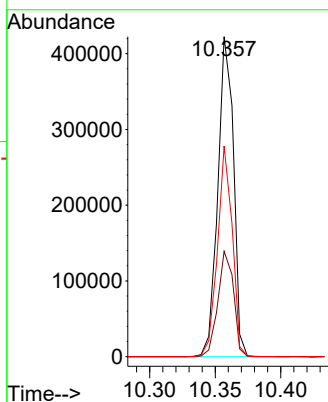
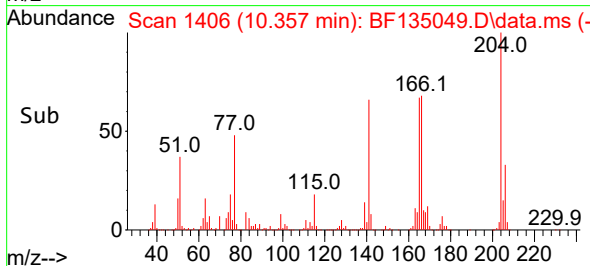
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:204 Resp: 349929
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 65.9 51.8 77.6

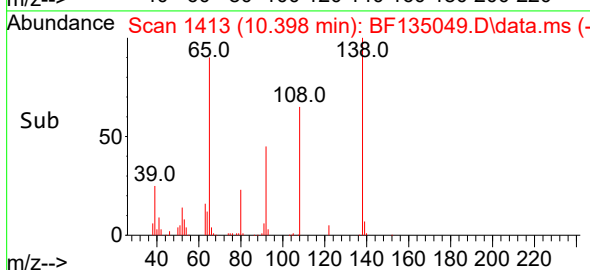
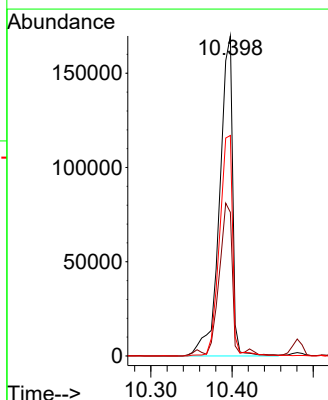
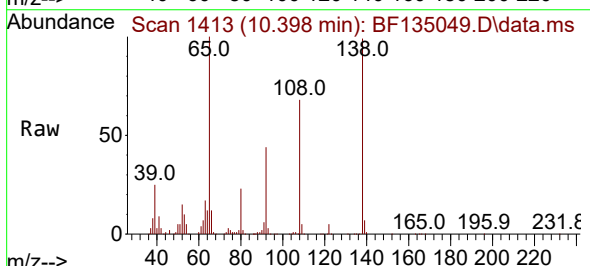
Manual Integrations
APPROVED

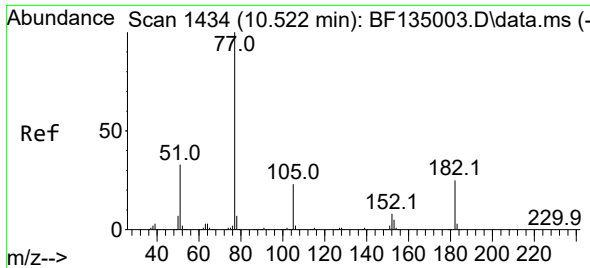
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#62
4-Nitroaniline
Concen: 44.923 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

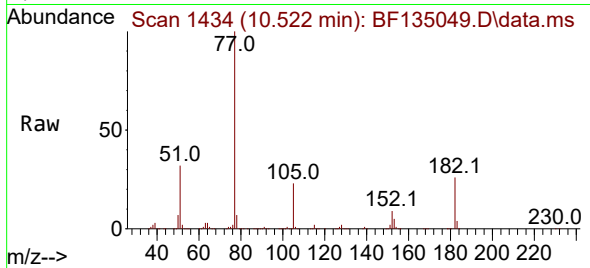
Tgt Ion:138 Resp: 190328
Ion Ratio Lower Upper
138 100
92 44.9 30.7 70.7
108 68.9 51.7 91.7





#63
Azobenzene
Concen: 47.908 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

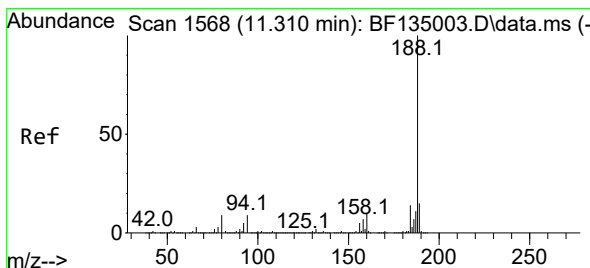
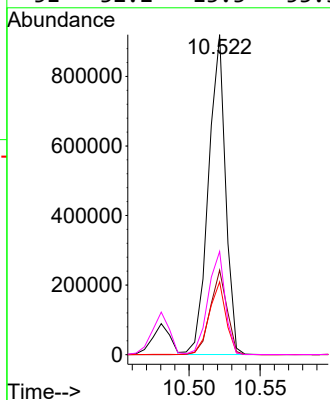
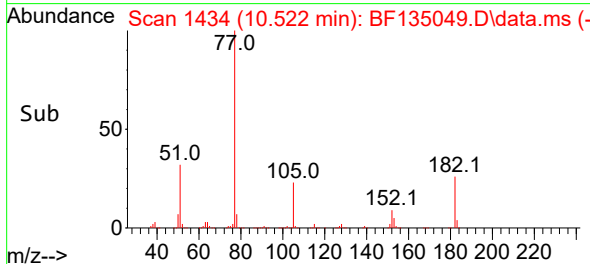
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



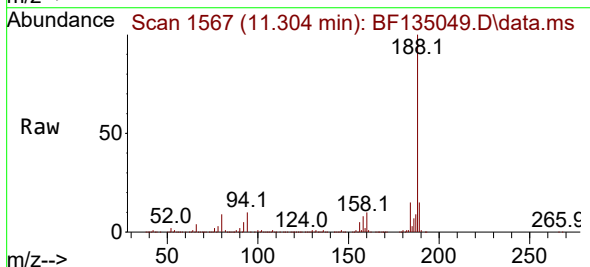
Tgt Ion: 77 Resp: 76925
Ion Ratio Lower Upper
77 100
182 26.4 4.9 44.9
105 22.8 2.7 42.7
51 32.2 13.3 53.3

Manual Integrations
APPROVED

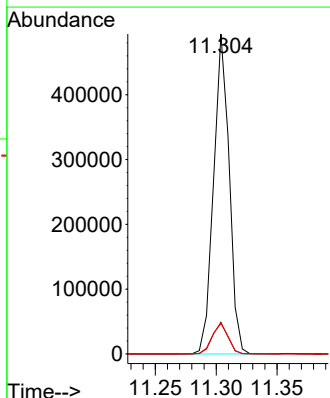
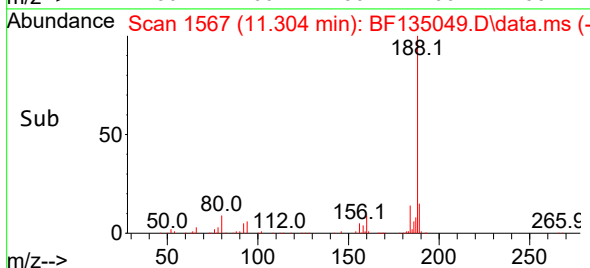
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

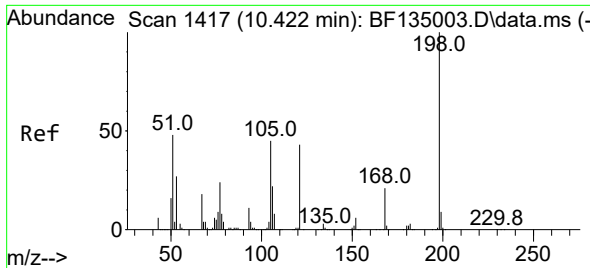


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



Tgt Ion:188 Resp: 441601
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 9.5 7.4 11.2





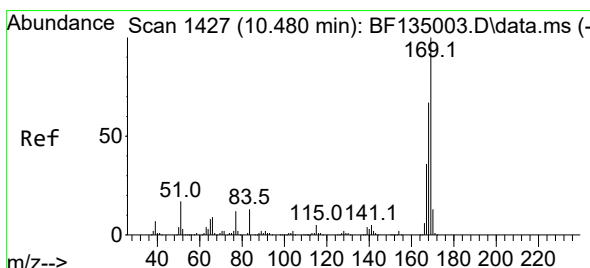
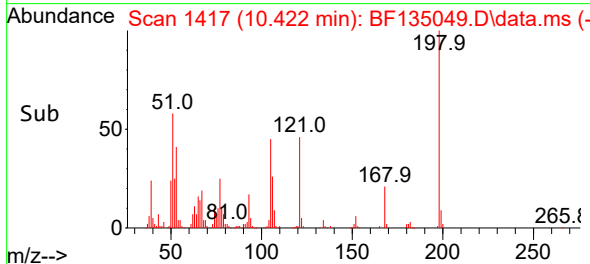
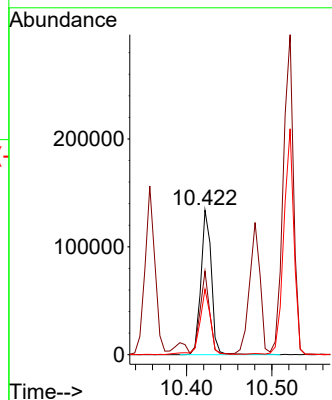
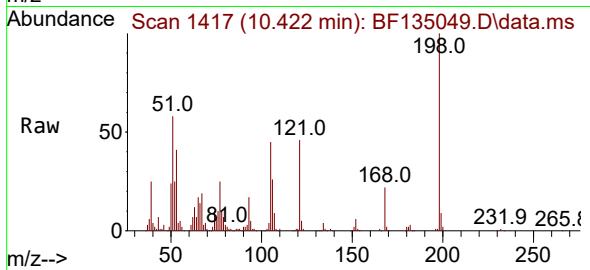
#65
4,6-Dinitro-2-methylphenol
Concen: 42.807 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD

Tgt Ion:198 Resp: 114409
Ion Ratio Lower Upper
198 100
51 57.8 35.7 75.7
105 45.3 25.9 65.9

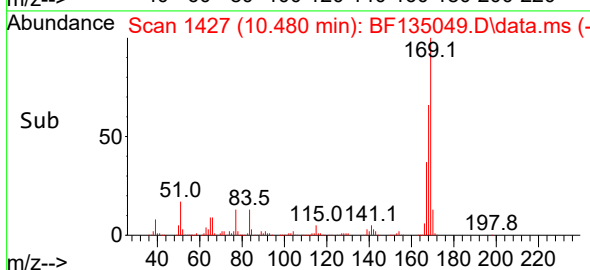
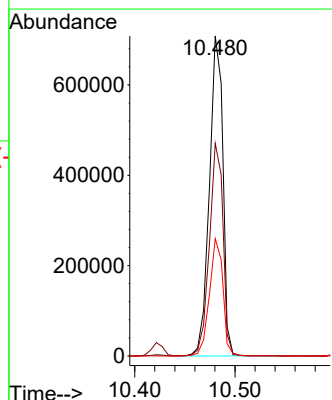
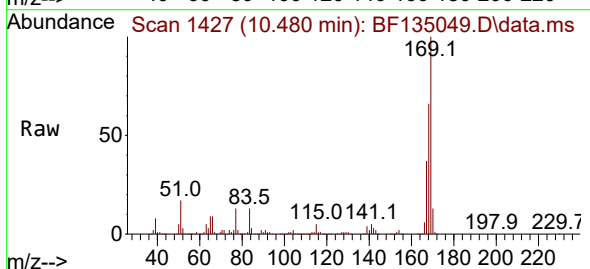
Manual Integrations
APPROVED

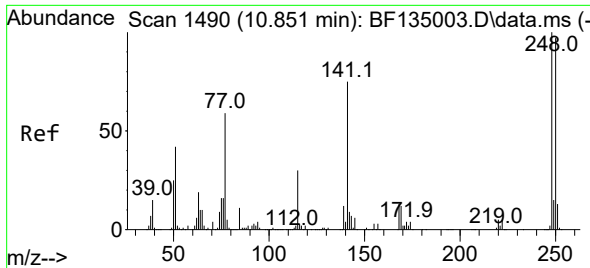
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#66
n-Nitrosodiphenylamine
Concen: 48.321 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

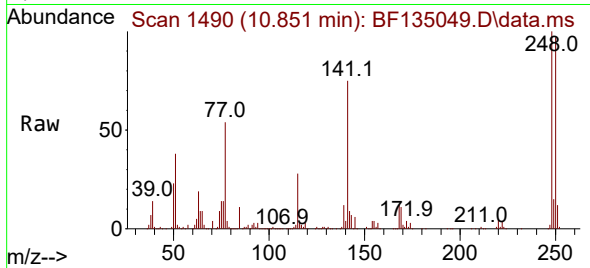
Tgt Ion:169 Resp: 663483
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.6 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 48.860 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

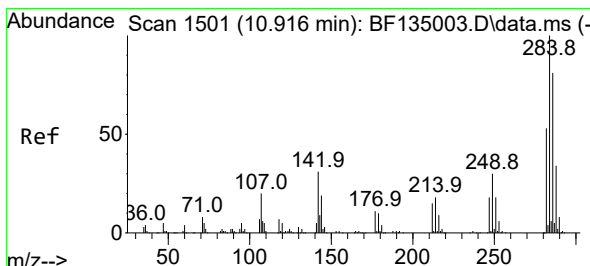
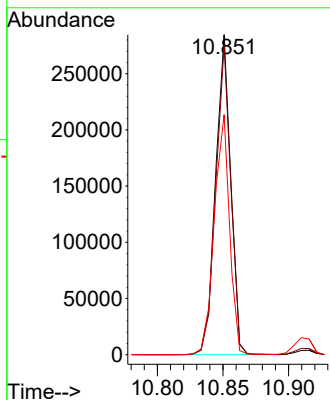
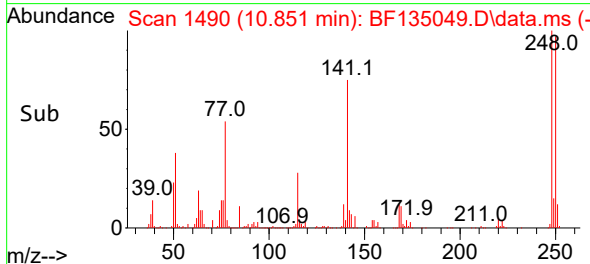
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



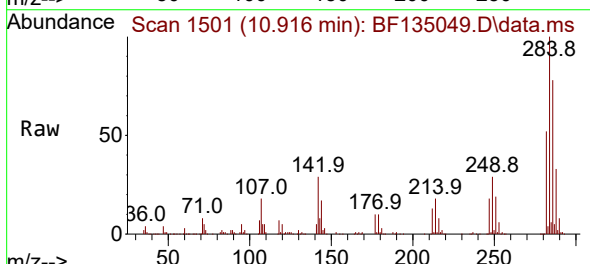
Tgt Ion:248 Resp: 22885
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 75.1 59.8 89.8

Manual Integrations
APPROVED

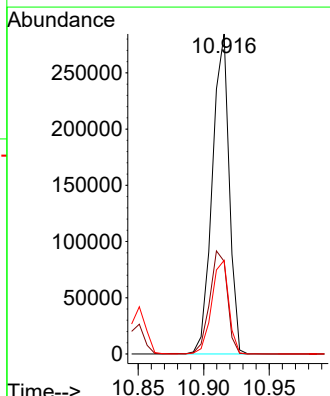
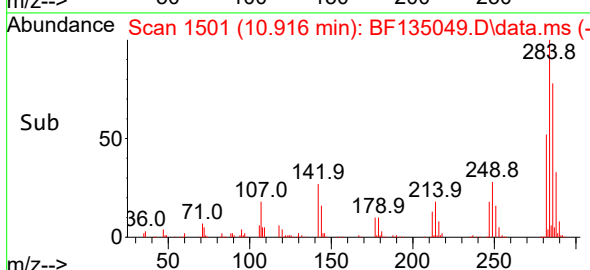
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

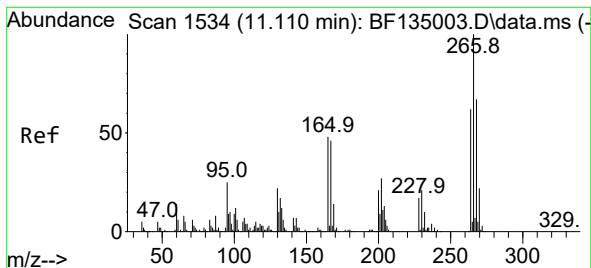


#68
Hexachlorobenzene
Concen: 52.532 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



Tgt Ion:284 Resp: 254420
Ion Ratio Lower Upper
284 100
142 28.9 25.1 37.7
249 29.2 24.1 36.1





#70

Pentachlorophenol

Concen: 70.035 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF135049.D

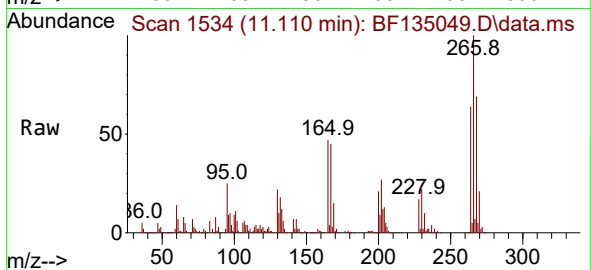
Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD



Tgt Ion:266 Resp: 205208

Ion Ratio Lower Upper

266 100

268 68.5 53.3 79.9

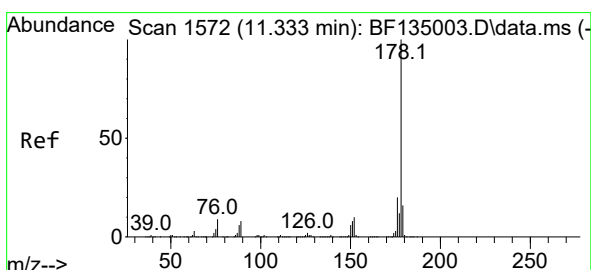
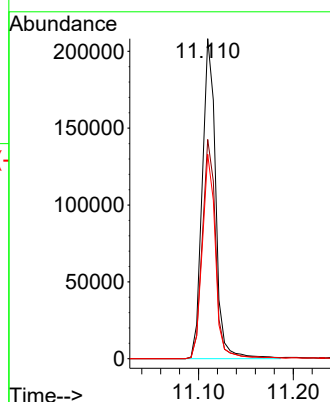
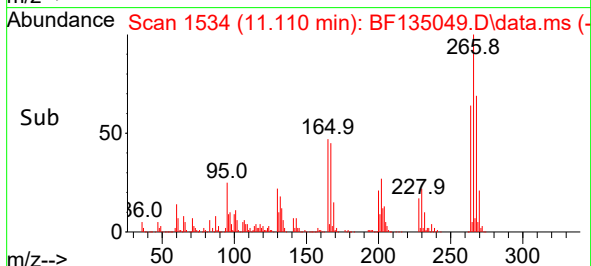
264 63.9 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#71

Phenanthrene

Concen: 48.208 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

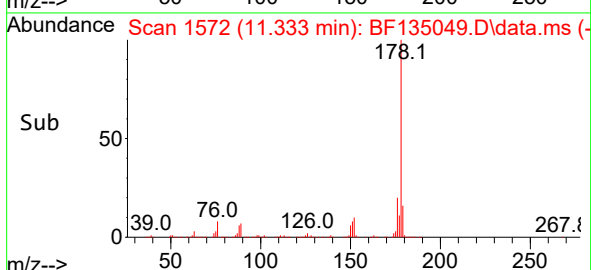
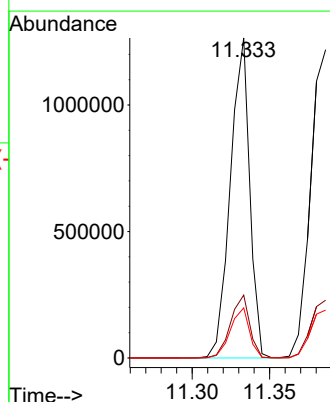
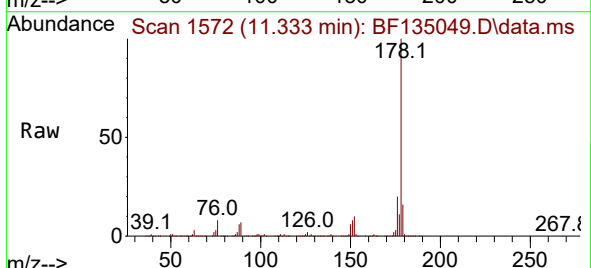
Tgt Ion:178 Resp: 1098285

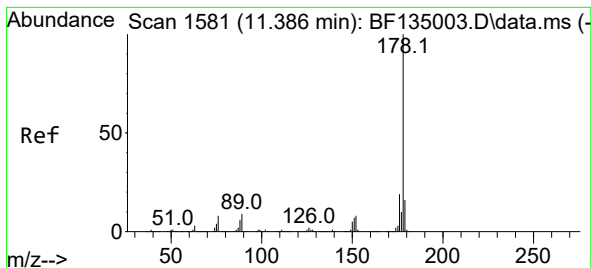
Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.6 12.5 18.7





#72

Anthracene

Concen: 47.886 ng

RT: 11.386 min Scan# 111465

Delta R.T. -0.000 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD

Tgt Ion:178 Resp: 111465

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

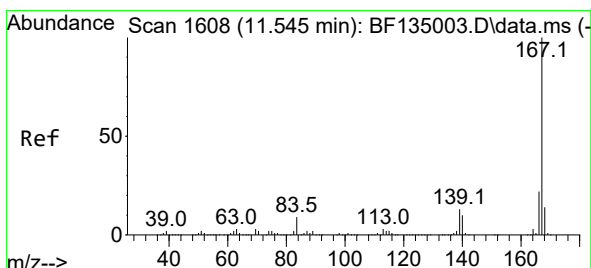
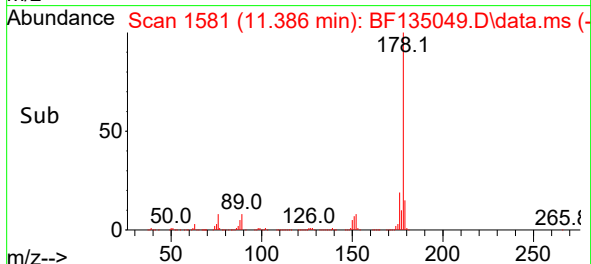
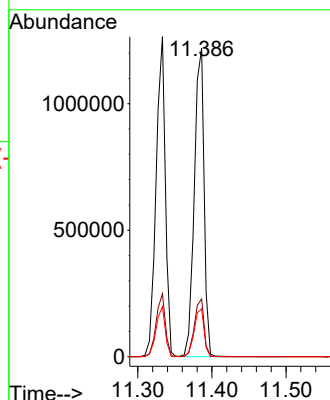
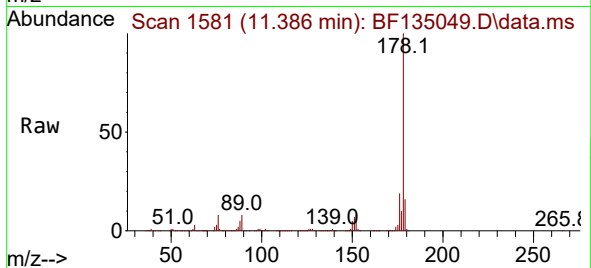
179 15.5 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#73

Carbazole

Concen: 45.337 ng

RT: 11.539 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

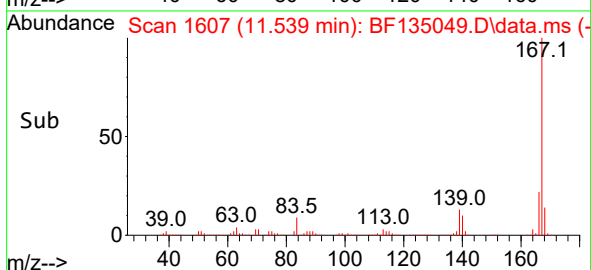
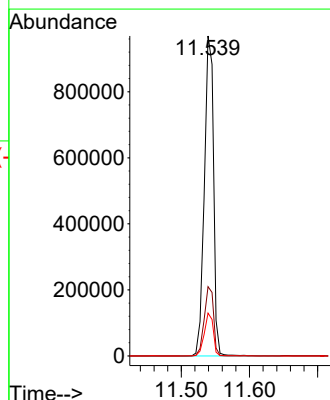
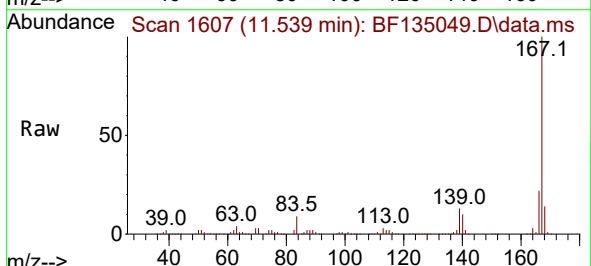
Tgt Ion:167 Resp: 910228

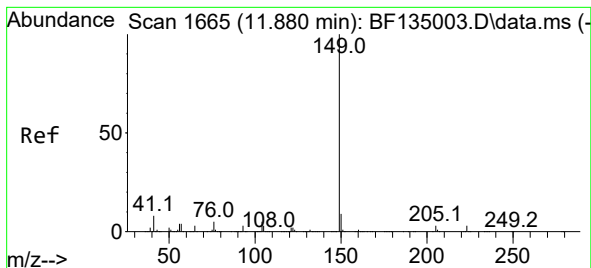
Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.4 10.3 15.5





#74

Di-n-butylphthalate

Concen: 48.616 ng

RT: 11.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

Instrument :

BNA_F

ClientSampleId :

SB-01(48-50)MSD

Tgt Ion:149 Resp: 1176590

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

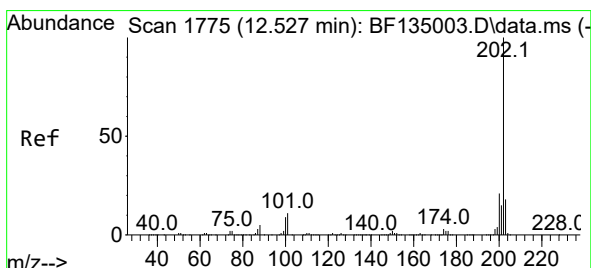
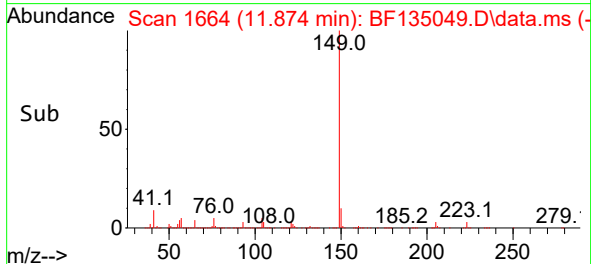
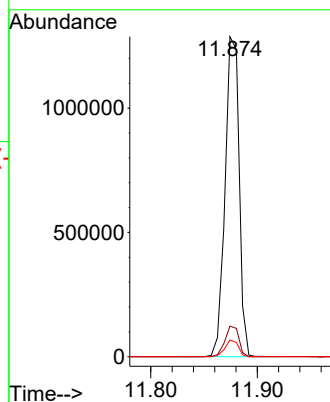
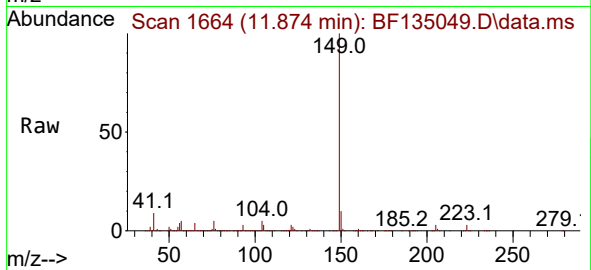
104 5.2 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/01/2023

Supervised By :mohammad ahmed 09/01/2023



#75

Fluoranthene

Concen: 43.441 ng

RT: 12.521 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF135049.D

Acq: 31 Aug 2023 19:22

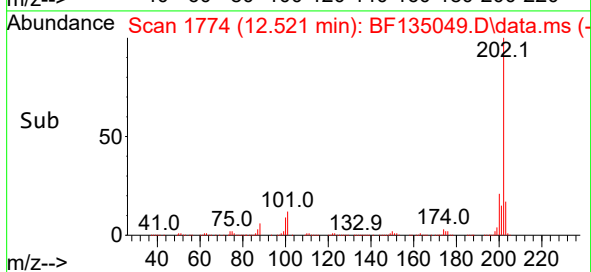
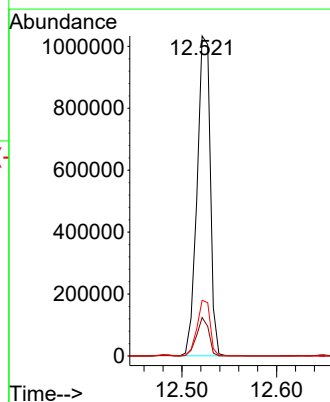
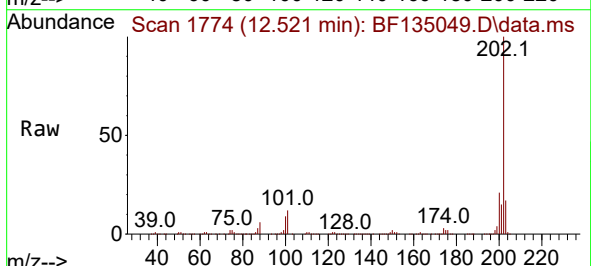
Tgt Ion:202 Resp: 1000636

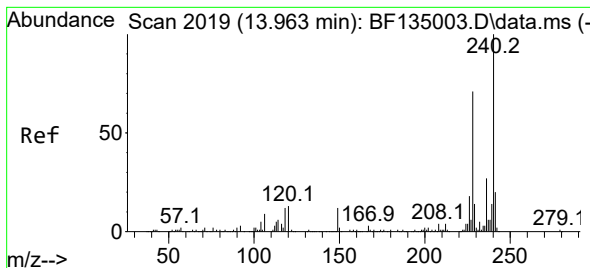
Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.5

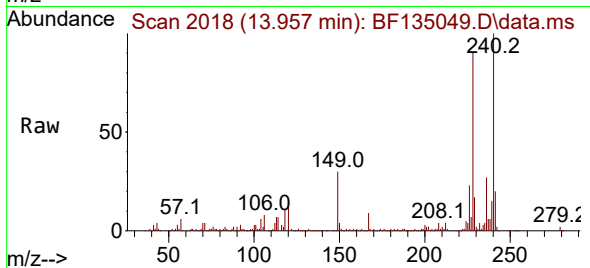
203 17.4 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

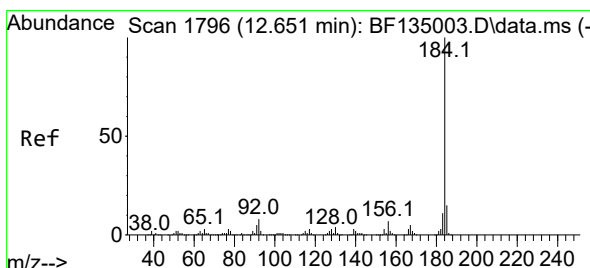
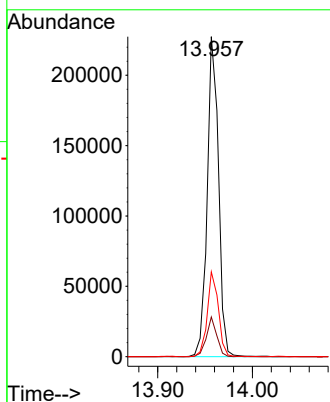
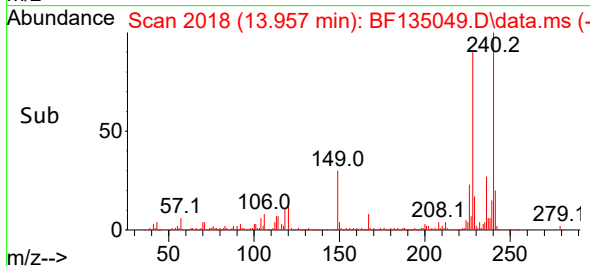
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:240 Resp: 187700
Ion Ratio Lower Upper
240 100
120 12.4 10.2 15.2
236 26.5 21.3 31.9

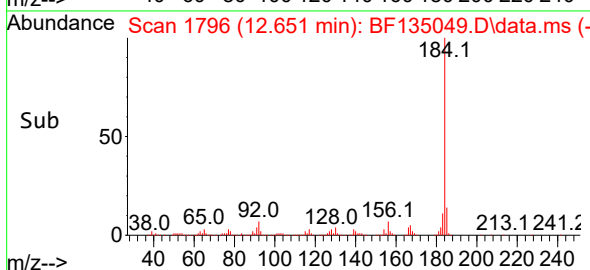
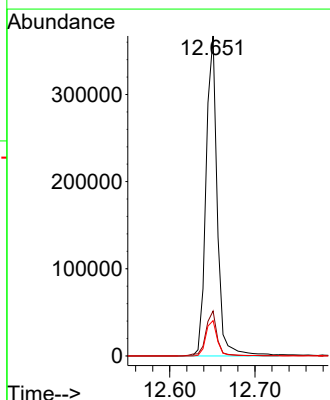
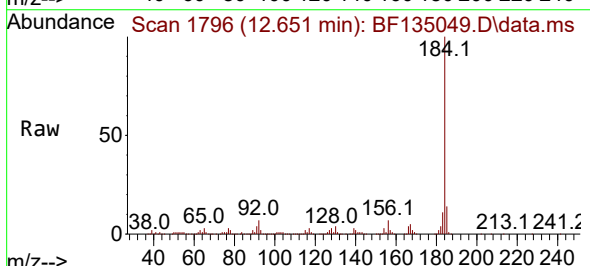
Manual Integrations
APPROVED

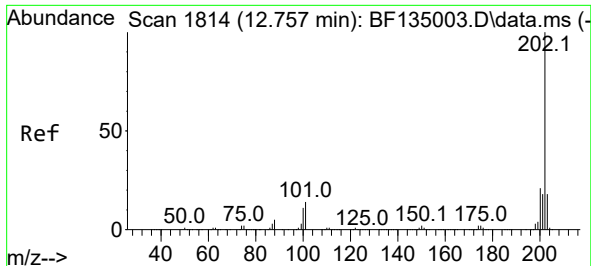
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#77
Benzidine
Concen: 99.058 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

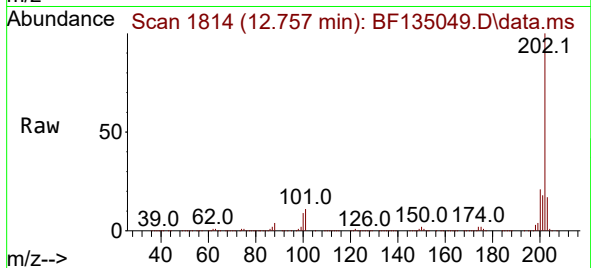
Tgt Ion:184 Resp: 335169
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 11.1 9.0 13.6





#78
Pyrene
Concen: 53.685 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

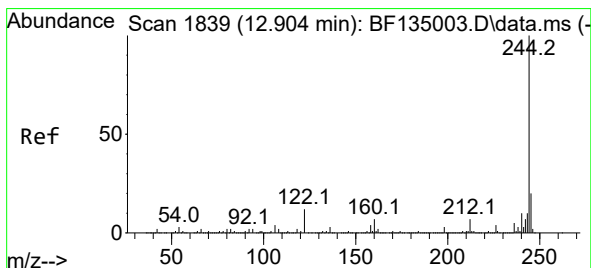
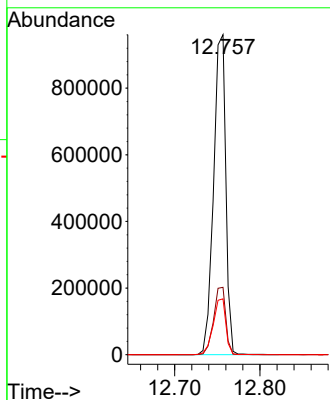
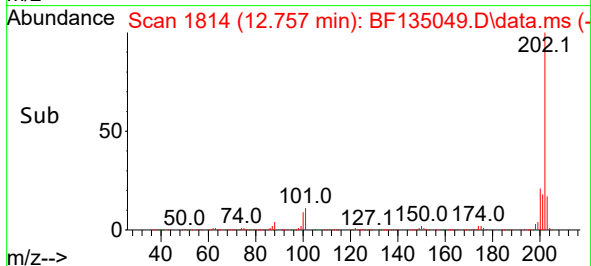
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



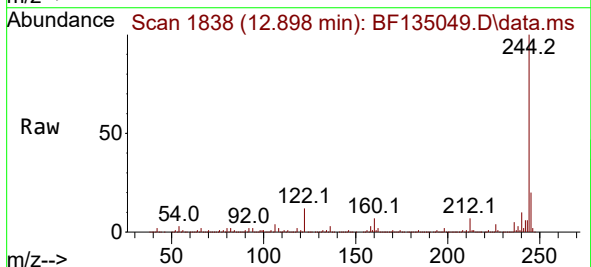
Tgt Ion:202 Resp: 956734
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.4 14.2 21.2

Manual Integrations
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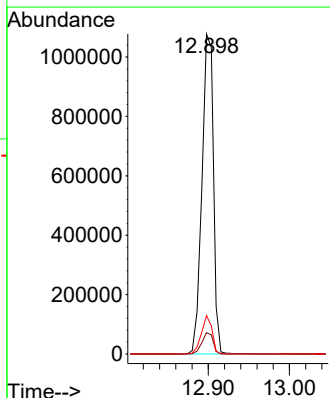
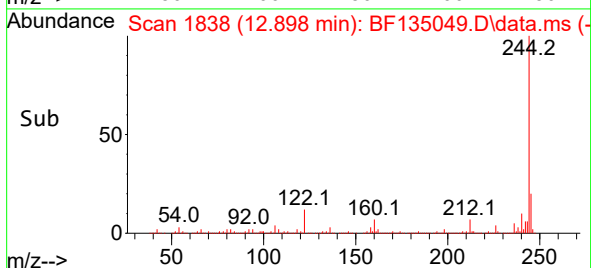
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

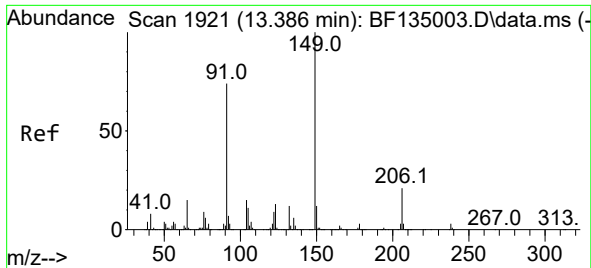


#79
Terphenyl-d14
Concen: 91.839 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



Tgt Ion:244 Resp: 1056325
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 12.0 9.8 14.6





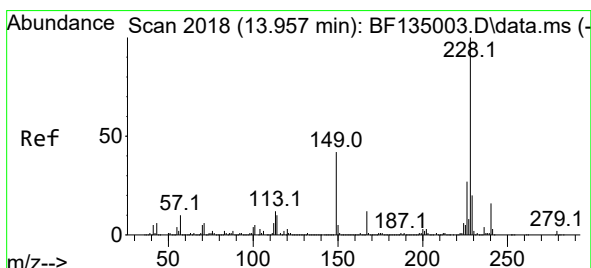
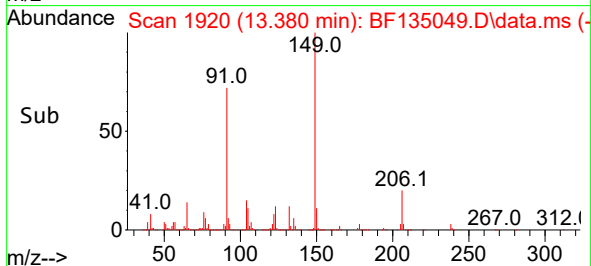
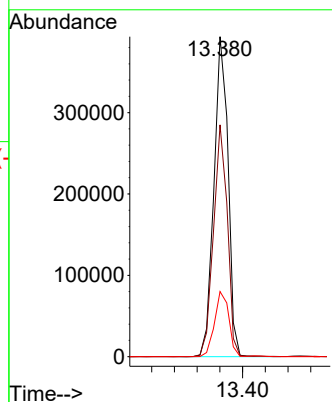
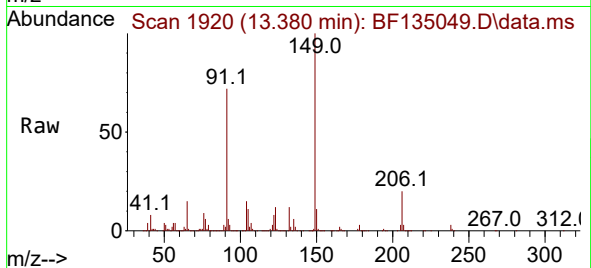
#80
Butylbenzylphthalate
Concen: 52.715 ng
RT: 13.380 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD

Tgt Ion:149 Resp: 33938
Ion Ratio Lower Upper
149 100
91 72.5 59.0 88.6
206 20.4 16.7 25.1

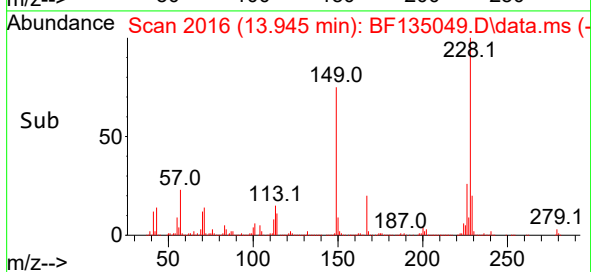
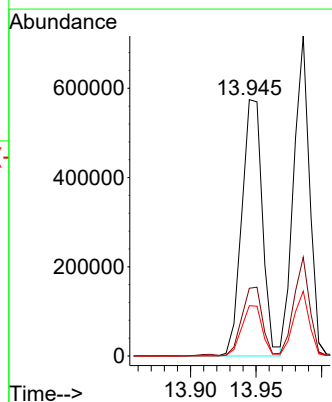
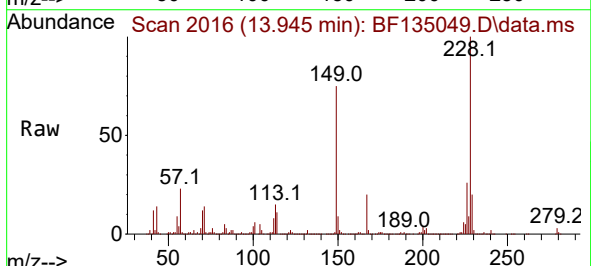
Manual Integrations
APPROVED

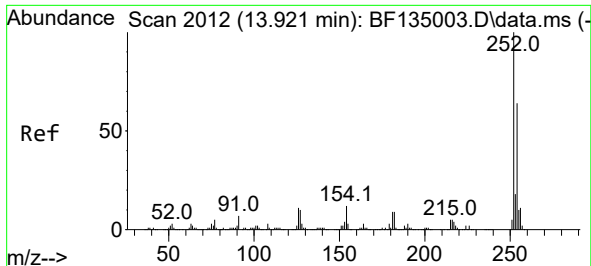
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#81
Benzo(a)anthracene
Concen: 49.184 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

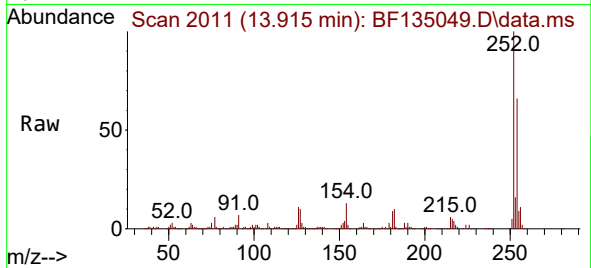
Tgt Ion:228 Resp: 629738
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.6 15.6 23.4





#82
3,3'-Dichlorobenzidine
Concen: 50.069 ng
RT: 13.915 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

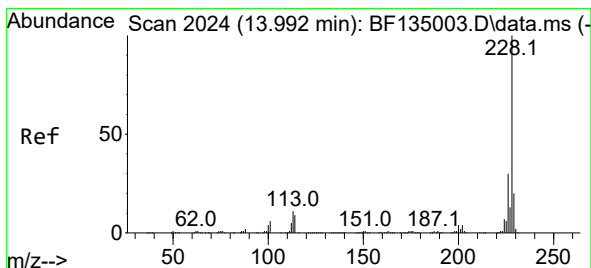
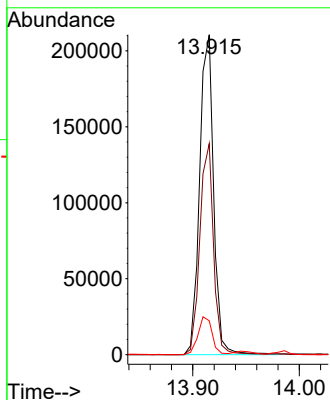
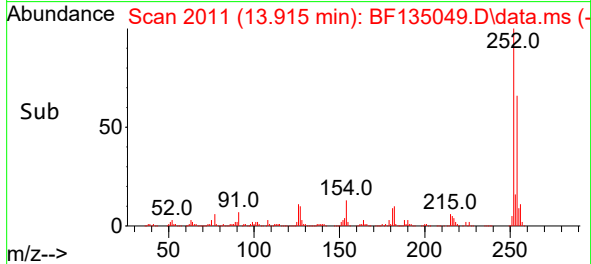
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:252 Resp: 19344
Ion Ratio Lower Upper
252 100
254 66.0 51.3 76.9
126 10.6 8.6 12.8

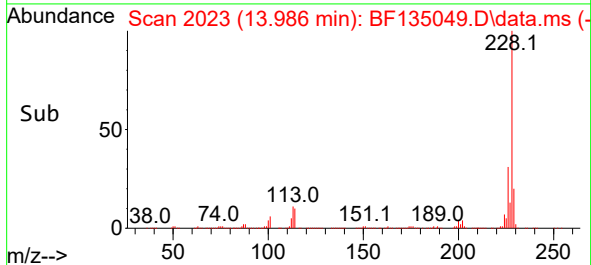
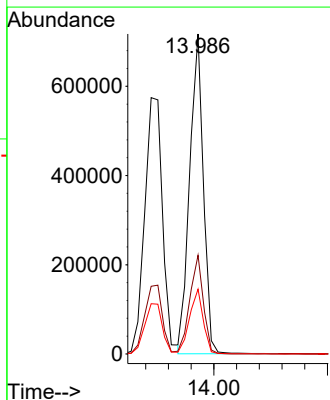
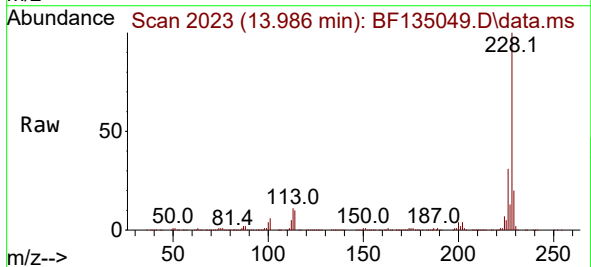
Manual Integrations
APPROVED

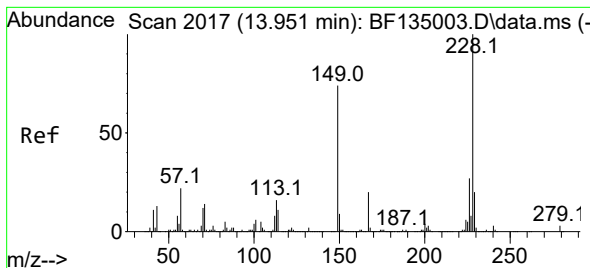
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#83
Chrysene
Concen: 47.909 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

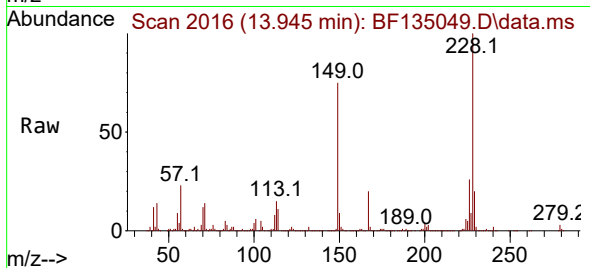
Tgt Ion:228 Resp: 602835
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.4
229 20.2 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 58.410 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

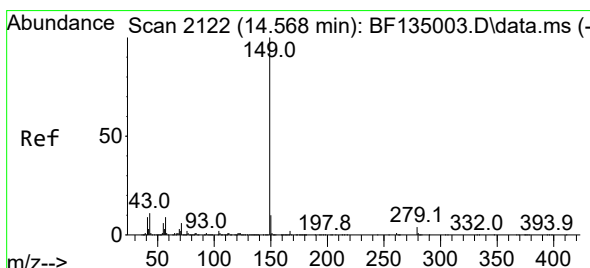
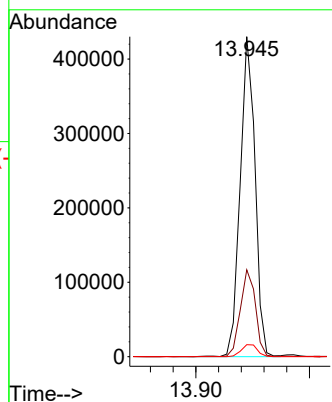
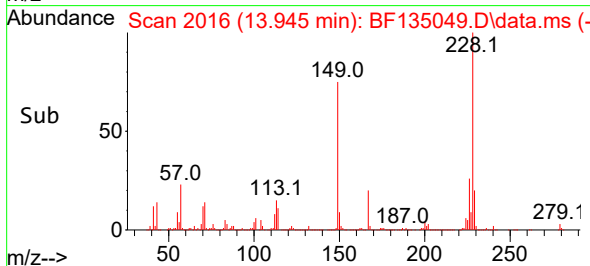
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



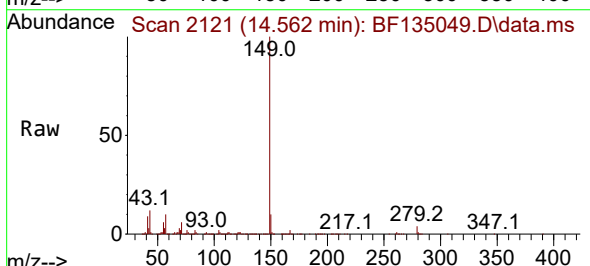
Tgt Ion:149 Resp: 38917
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 3.8 3.0 4.6

Manual Integrations
APPROVED

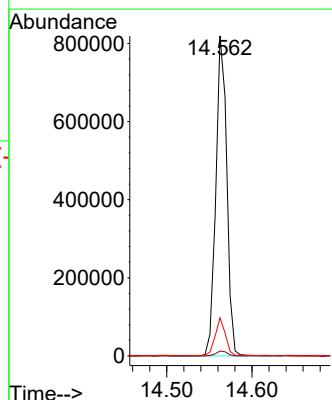
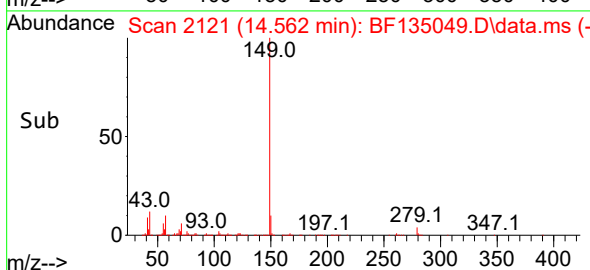
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

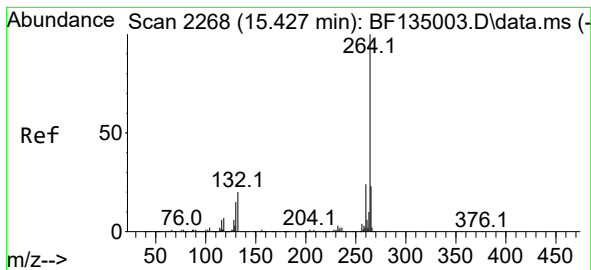


#85
Di-n-octyl phthalate
Concen: 71.981 ng
RT: 14.562 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



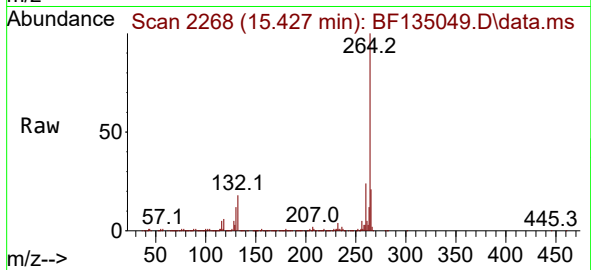
Tgt Ion:149 Resp: 732025
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 9.3 13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

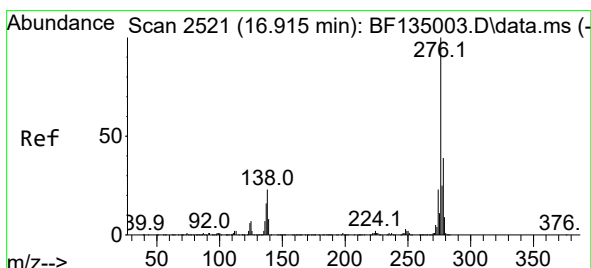
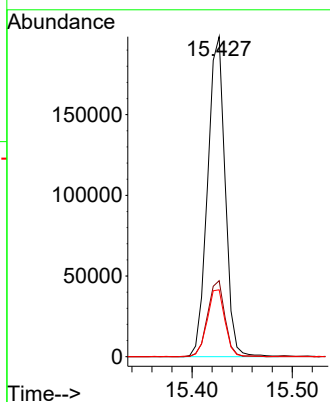
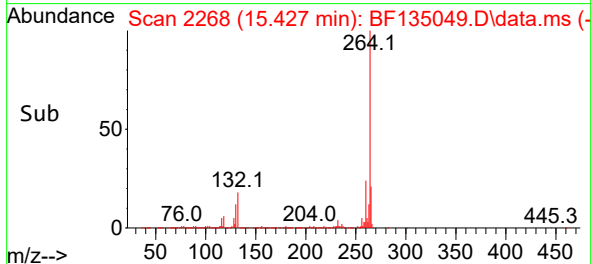
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



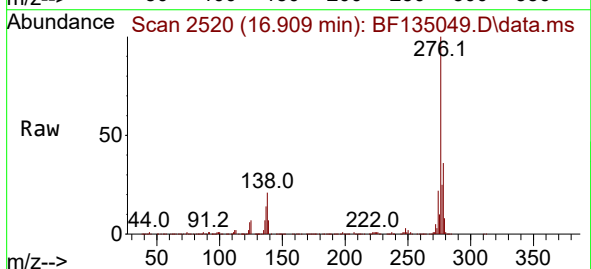
Tgt Ion:264 Resp: 241140
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 20.9 18.2 27.2

Manual Integrations
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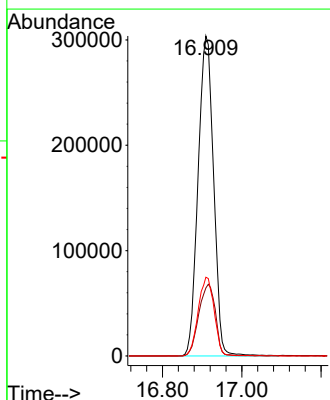
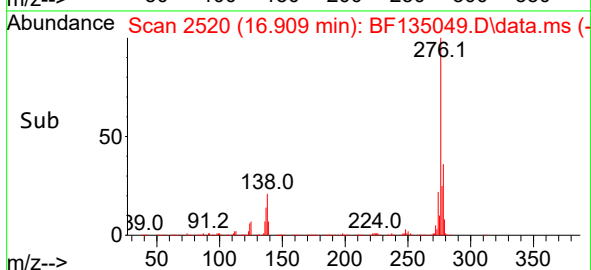
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

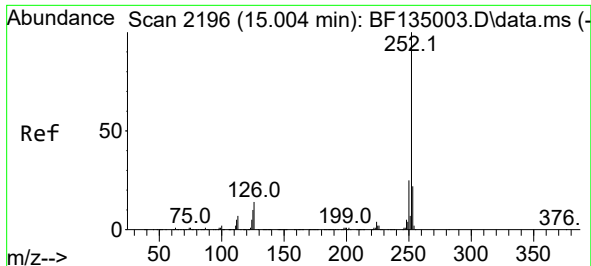


#87
Indeno(1,2,3-cd)pyrene
Concen: 50.728 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22



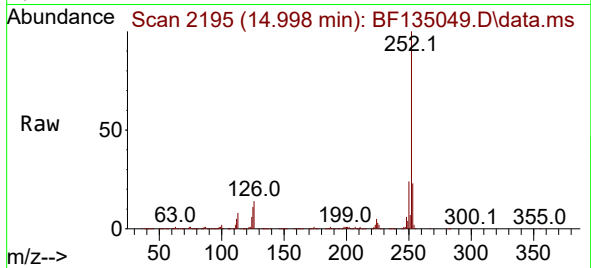
Tgt Ion:276 Resp: 823948
Ion Ratio Lower Upper
276 100
138 24.0 20.2 30.2
277 25.2 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 49.685 ng
RT: 14.998 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

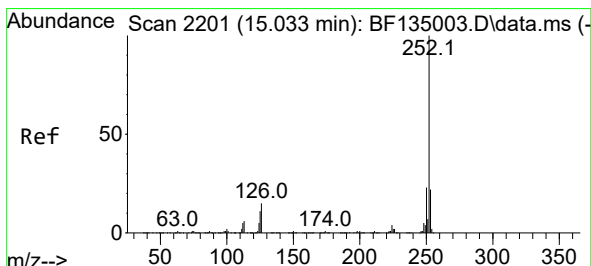
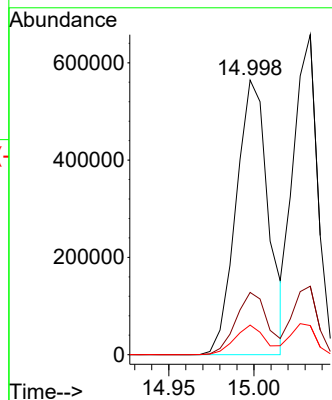
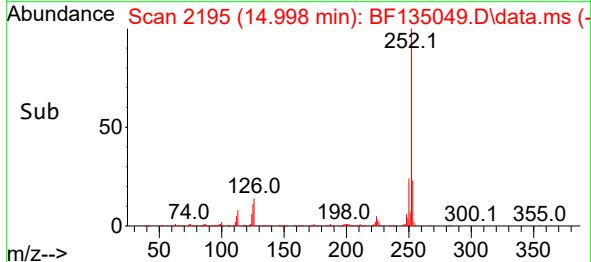
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:252 Resp: 745489
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.8 8.4 12.6

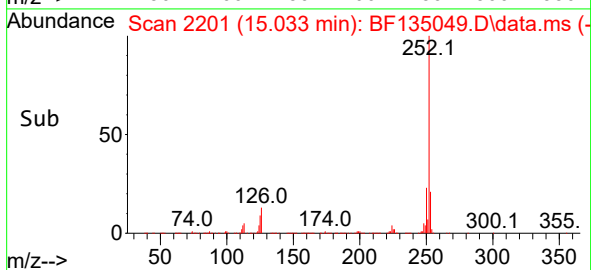
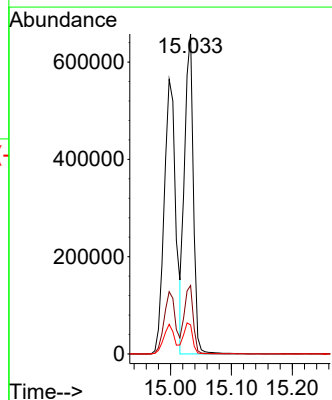
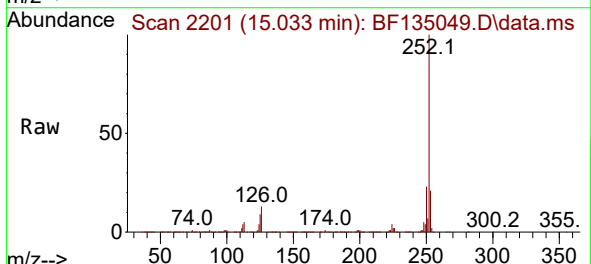
Manual Integrations
APPROVED

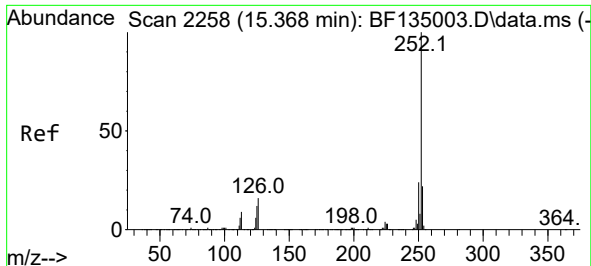
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#89
Benzo(k)fluoranthene
Concen: 45.413 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

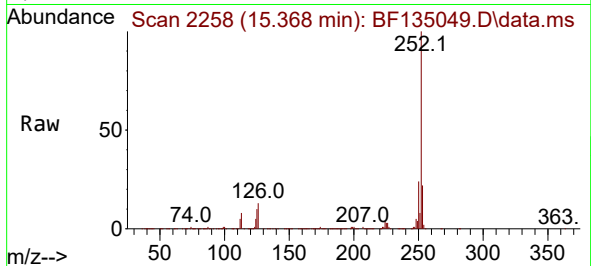
Tgt Ion:252 Resp: 658278
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.1 8.5 12.7





#90
Benzo(a)pyrene
Concen: 46.670 ng
RT: 15.368 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

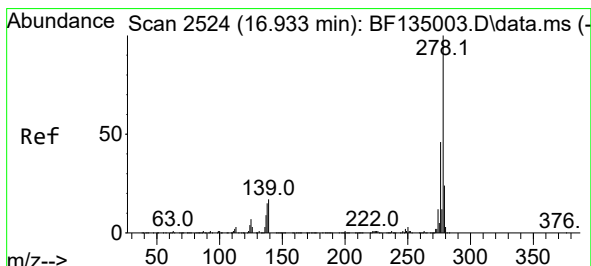
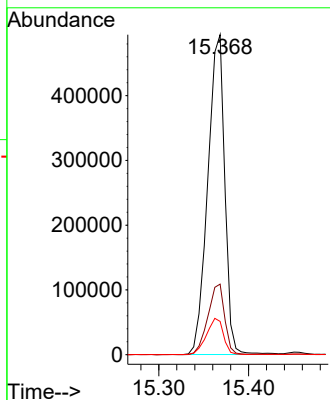
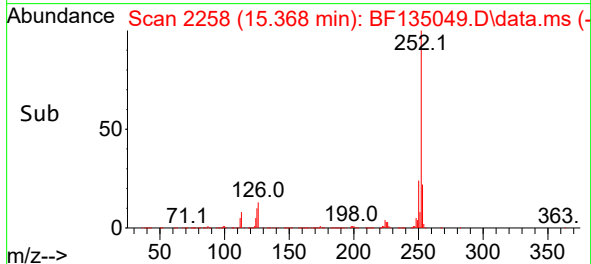
Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:252 Resp: 65050
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.4 9.5 14.3

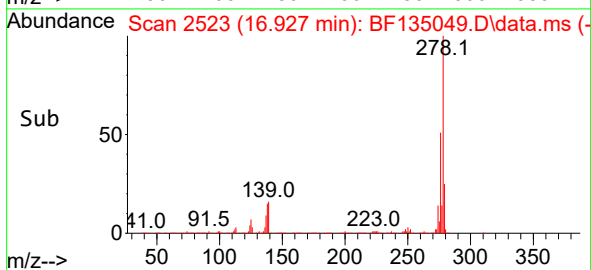
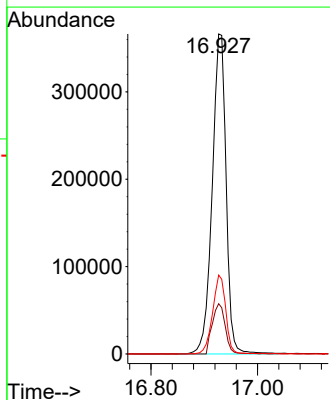
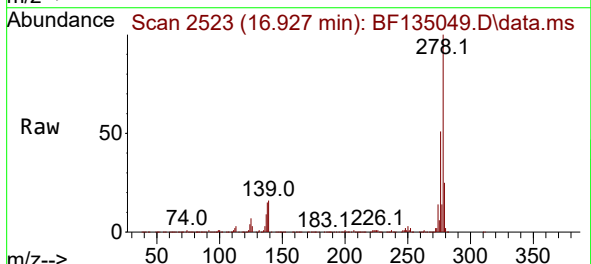
Manual Integrations
APPROVED

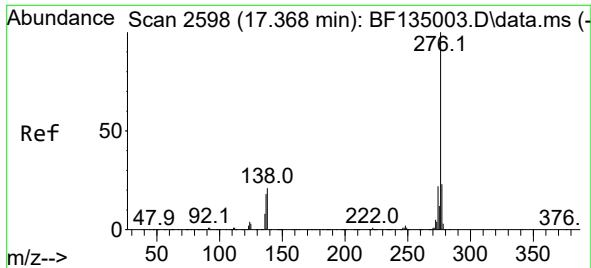
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023



#91
Dibenzo(a,h)anthracene
Concen: 50.494 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

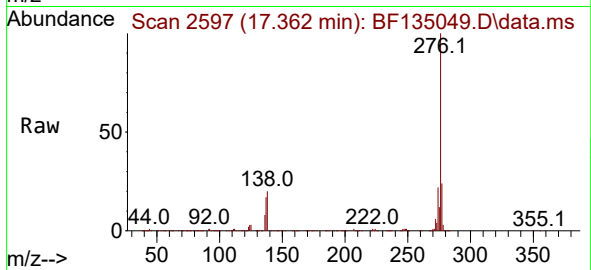
Tgt Ion:278 Resp: 664255
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 24.7 19.5 29.3





#92
Benzo(g,h,i)perylene
Concen: 47.037 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135049.D
Acq: 31 Aug 2023 19:22

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MSD



Tgt Ion:276 Resp: 643559
Ion Ratio Lower Upper
276 100
277 23.7 18.5 27.7
138 19.8 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

