

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134587.D
 Acq On : 02 Aug 2023 19:05
 Operator : CG\JU
 Sample : 03842-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 01:49:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	182652	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	717092	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	319146	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	488797	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	298424	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	264649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	997719	83.034	ng	0.01
7) Phenol-d6	6.434	99	1279397	83.295	ng	0.00
23) Nitrobenzene-d5	7.357	82	753841	65.695	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	261252	80.301	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1306791	68.081	ng	0.00
79) Terphenyl-d14	12.910	244	1171365	69.195	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	217997	39.432	ng	96
3) Pyridine	3.351	79	562414	37.543	ng	90
4) n-Nitrosodimethylamine	3.310	42	314434	43.928	ng	# 71
6) Aniline	6.457	93	576416	28.611	ng	94
8) 2-Chlorophenol	6.581	128	587942	48.506	ng	96
9) Benzaldehyde	6.345	77	318071	45.268	ng	98
10) Phenol	6.445	94	708299m	46.794	ng	
11) bis(2-Chloroethyl)ether	6.539	93	562527	46.782	ng	92
12) 1,3-Dichlorobenzene	6.739	146	594477	47.403	ng	93
13) 1,4-Dichlorobenzene	6.816	146	601556	47.862	ng	96
14) 1,2-Dichlorobenzene	6.963	146	574586	49.065	ng	97
15) Benzyl Alcohol	6.939	79	498952	47.087	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	870872	46.229	ng	88
17) 2-Methylphenol	7.051	107	466808	43.582	ng	92
18) Hexachloroethane	7.304	117	197573	44.789	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	391149	42.533	ng	93
20) 3+4-Methylphenols	7.204	107	540646	41.854	ng	# 86
22) Acetophenone	7.210	105	726840	43.906	ng	# 84
24) Nitrobenzene	7.375	77	594201	47.932	ng	98
25) Isophorone	7.616	82	1094460	43.730	ng	100
26) 2-Nitrophenol	7.692	139	259921	49.145	ng	# 88
27) 2,4-Dimethylphenol	7.728	122	478800	42.876	ng	85
28) bis(2-Chloroethoxy)met...	7.828	93	675381	45.111	ng	100
29) 2,4-Dichlorophenol	7.933	162	458861	45.273	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	502811	46.522	ng	99
31) Naphthalene	8.098	128	1558412	43.242	ng	99
32) Benzoic acid	7.851	122	333321	46.125	ng	94
33) 4-Chloroaniline	8.145	127	233022	14.511	ng	96
34) Hexachlorobutadiene	8.216	225	284851	45.691	ng	96
35) Caprolactam	8.516	113	143428m	43.862	ng	
36) 4-Chloro-3-methylphenol	8.628	107	457371	42.610	ng	92
37) 2-Methylnaphthalene	8.786	142	970312	40.618	ng	98
38) 1-Methylnaphthalene	8.886	142	932835	41.994	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	461436	49.721	ng	99
41) Hexachlorocyclopentadiene	8.939	237	214175	47.457	ng	94
43) 2,4,6-Trichlorophenol	9.063	196	296919	48.886	ng	97

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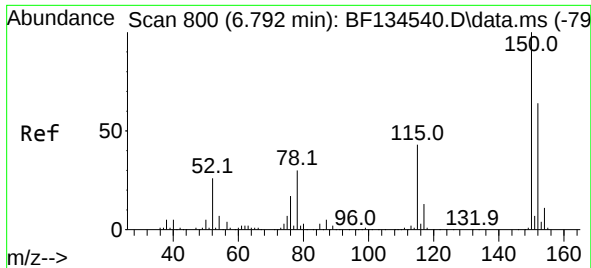
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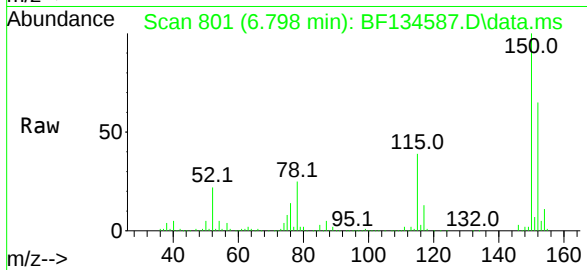
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	301751	43.469	ng	93
46) 1,1'-Biphenyl	9.257	154	1179754	47.537	ng	99
47) 2-Chloronaphthalene	9.275	162	861854	46.347	ng	99
48) 2-Nitroaniline	9.375	65	278042	47.962	ng	87
49) Acenaphthylene	9.692	152	1310999	44.850	ng	99
50) Dimethylphthalate	9.557	163	1062991	48.869	ng	98
51) 2,6-Dinitrotoluene	9.616	165	218669	49.009	ng	88
52) Acenaphthene	9.863	154	831202	43.879	ng	98
53) 3-Nitroaniline	9.780	138	191572	39.513	ng	91
54) 2,4-Dinitrophenol	9.886	184	55600	41.329	ng	89
55) Dibenzofuran	10.039	168	1149452	42.625	ng	93
56) 4-Nitrophenol	9.945	139	335710	84.662	ng	# 72
57) 2,4-Dinitrotoluene	10.022	165	255782	47.545	ng	# 76
58) Fluorene	10.380	166	809839	41.230	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	239897	43.682	ng	96
60) Diethylphthalate	10.257	149	964994	46.804	ng	97
61) 4-Chlorophenyl-phenyle...	10.374	204	414063	42.888	ng	92
62) 4-Nitroaniline	10.398	138	190279	40.041	ng	86
63) Azobenzene	10.533	77	900465	40.649	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	43833	26.865	ng	95
66) n-Nitrosodiphenylamine	10.492	169	763515	49.075	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	266921	49.884	ng	99
68) Hexachlorobenzene	10.927	284	283852	50.236	ng	# 92
69) Atrazine	11.021	200	245843	58.626	ng	98
70) Pentachlorophenol	11.121	266	283275	80.971	ng	98
71) Phenanthrene	11.345	178	1223558	47.127	ng	99
72) Anthracene	11.392	178	1193093	44.989	ng	99
73) Carbazole	11.551	167	1039016	43.880	ng	98
74) Di-n-butylphthalate	11.892	149	1265770	50.316	ng	99
75) Fluoranthene	12.533	202	1287942	46.962	ng	98
77) Benzidine	12.657	184	474794	73.292	ng	98
78) Pyrene	12.763	202	1309054	50.693	ng	97
80) Butylbenzylphthalate	13.392	149	492577	56.411	ng	93
81) Benzo(a)anthracene	13.951	228	1003125	47.010	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	331044	53.521	ng	98
83) Chrysene	13.992	228	947643	45.583	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	595846	57.985	ng	98
85) Di-n-octyl phthalate	14.574	149	1087887	69.619	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	740623	47.584	ng	# 92
88) Benzo(b)fluoranthene	14.998	252	793834	49.182	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	761995	47.391	ng	# 98
90) Benzo(a)pyrene	15.362	252	663396	44.082	ng	# 96
91) Dibenzo(a,h)anthracene	16.921	278	597287	47.484	ng	# 96
92) Benzo(g,h,i)perylene	17.345	276	563338	43.904	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

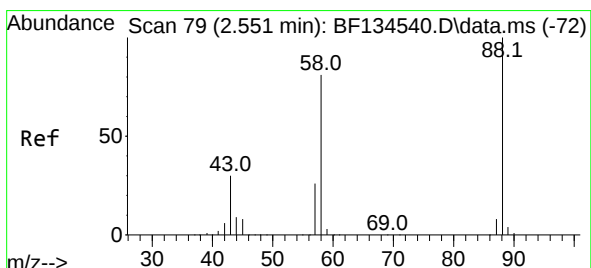
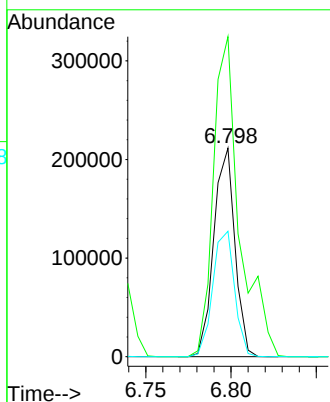
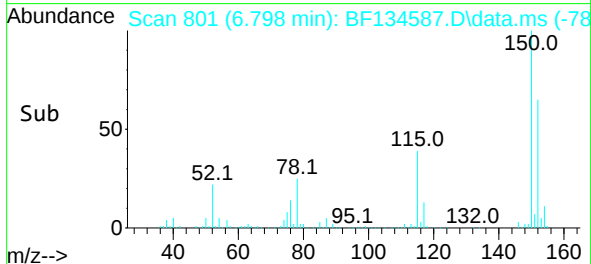
Instrument :
BNA_F
ClientSampleId :
342MS



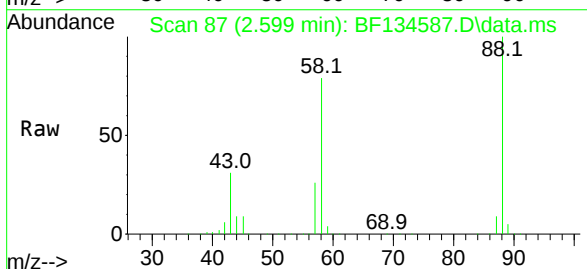
Tgt Ion:152 Resp: 182652
Ion Ratio Lower Upper
152 100
150 153.4 128.3 192.5
115 60.2 52.4 78.6

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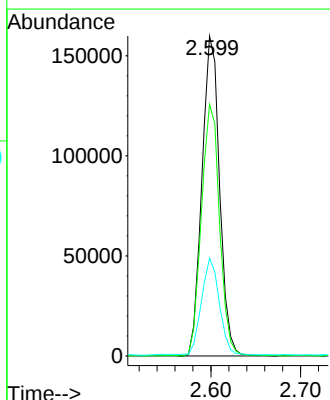
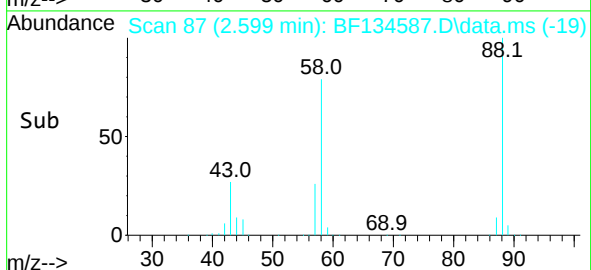
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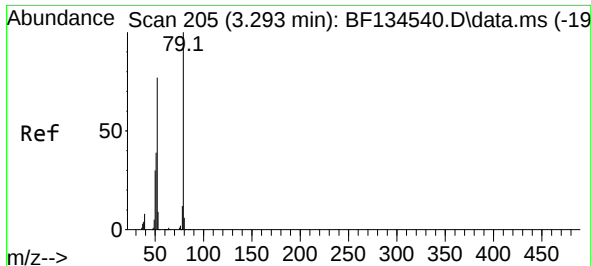


#2
1,4-Dioxane
Concen: 39.432 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.047 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



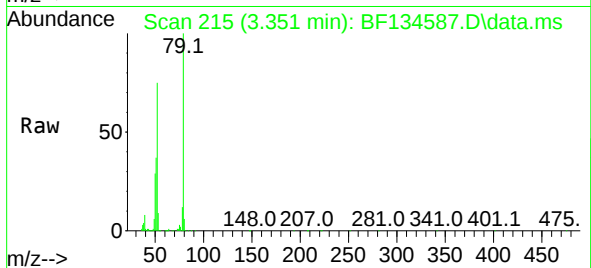
Tgt Ion: 88 Resp: 217997
Ion Ratio Lower Upper
88 100
58 81.1 65.1 97.7
43 30.5 30.3 45.5





#3
Pyridine
Concen: 37.543 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.059 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

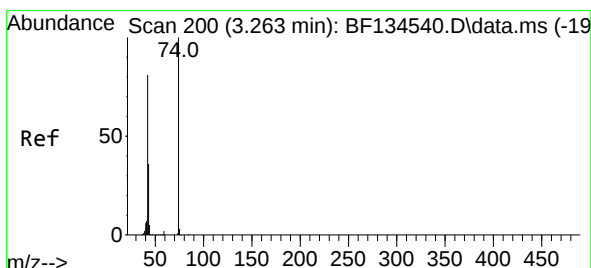
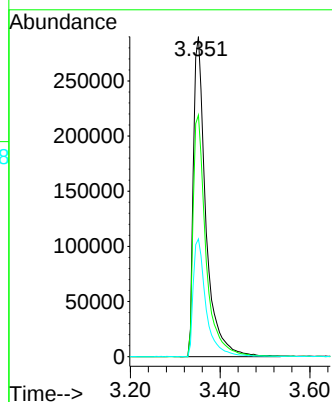
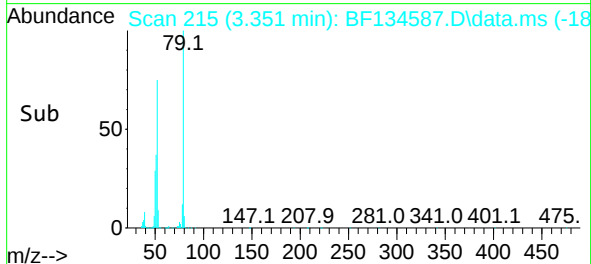
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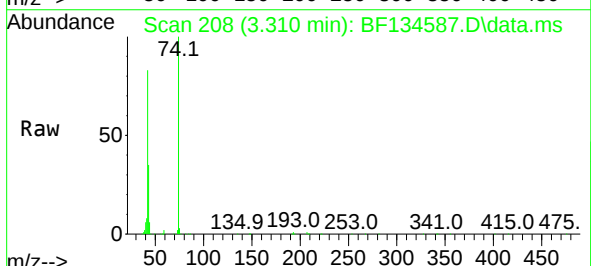
Tgt Ion: 79 Resp: 562414
Ion Ratio Lower Upper
79 100
52 75.5 66.6 100.0
51 36.8 36.5 54.7

Manual Integrations
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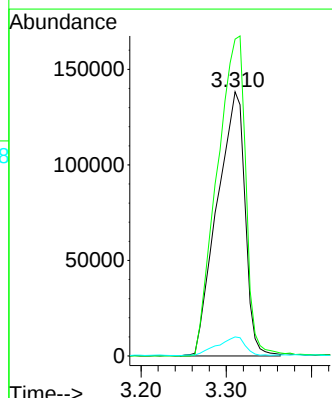
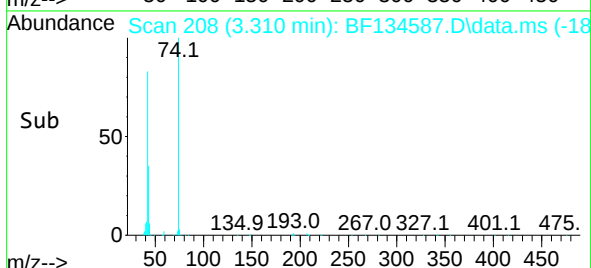
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

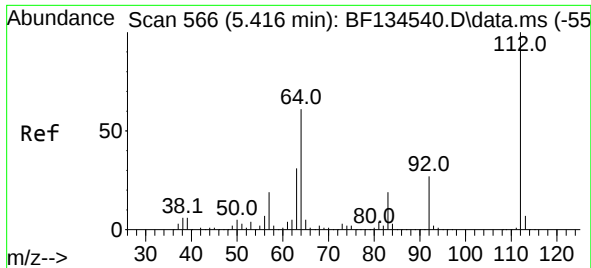


#4
n-Nitrosodimethylamine
Concen: 43.928 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.047 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion: 42 Resp: 314434
Ion Ratio Lower Upper
42 100
74 120.0 72.2 108.4#
44 7.2 5.4 8.0





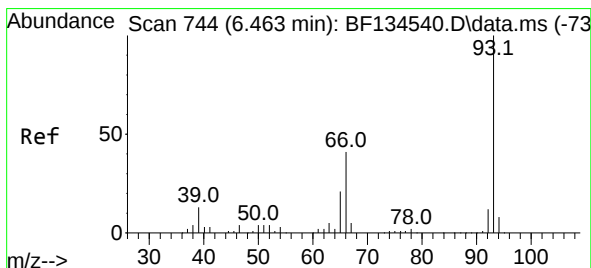
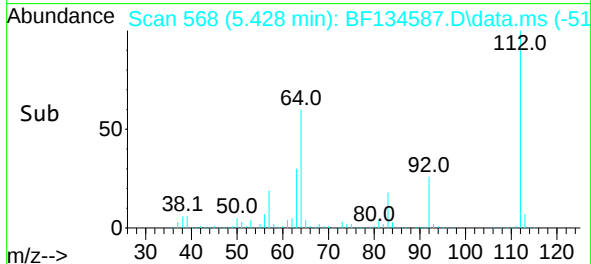
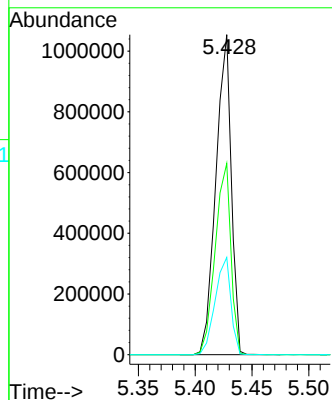
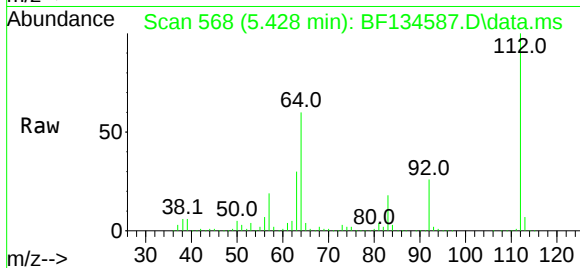
#5
2-Fluorophenol
Concen: 83.034 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

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Tgt Ion:112 Resp: 997719
Ion Ratio Lower Upper
112 100
64 59.8 44.9 67.3
63 30.4 25.4 38.0

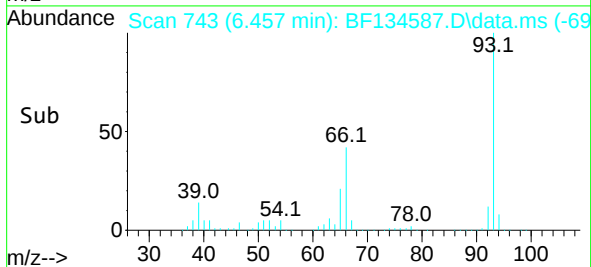
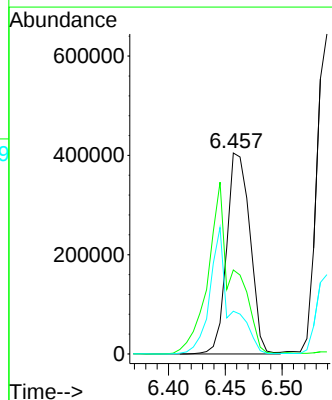
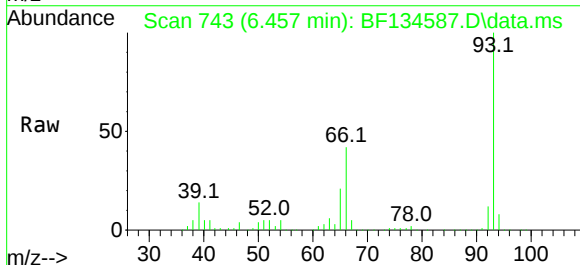
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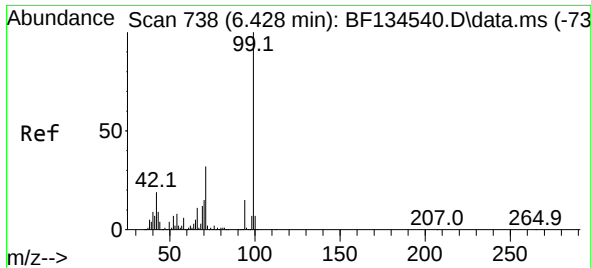
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#6
Aniline
Concen: 28.611 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 93 Resp: 576416
Ion Ratio Lower Upper
93 100
66 41.8 36.8 55.2
65 21.3 19.4 29.0





#7

Phenol-d6

Concen: 83.295 ng

RT: 6.434 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion: 99 Resp: 127939

Ion Ratio Lower Upper

99 100

42 18.5 18.7 28.1

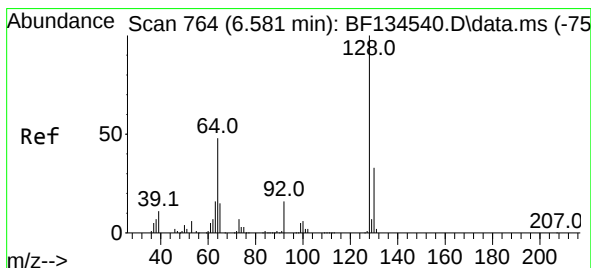
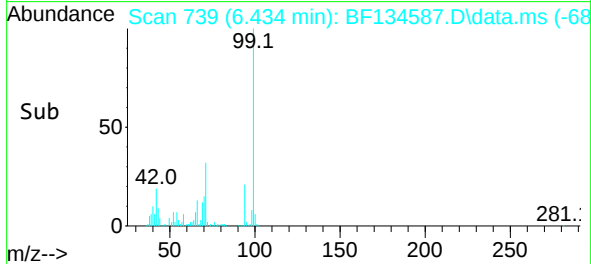
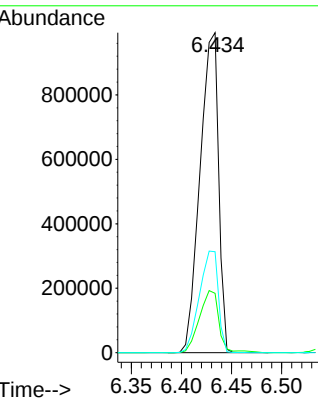
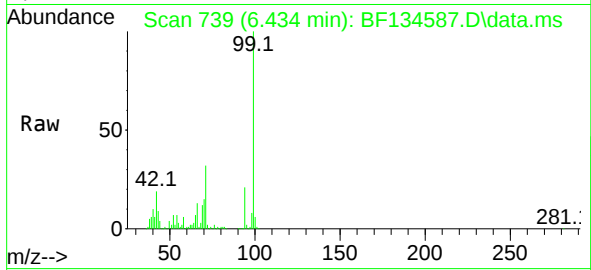
71 31.5 36.4 54.6

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2023



#8

2-Chlorophenol

Concen: 48.506 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF134587.D

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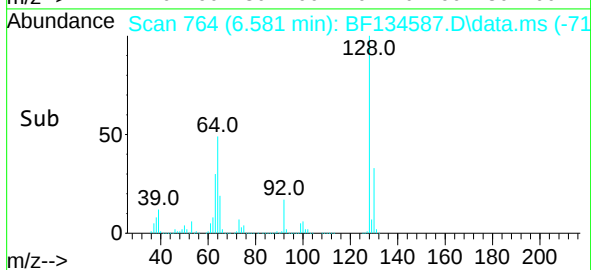
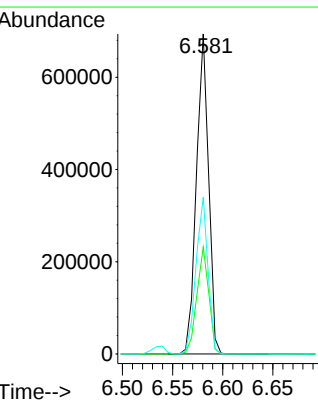
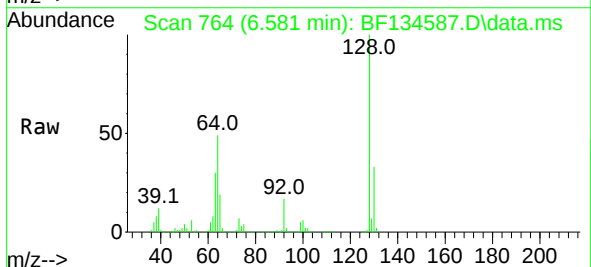
Tgt Ion:128 Resp: 587942

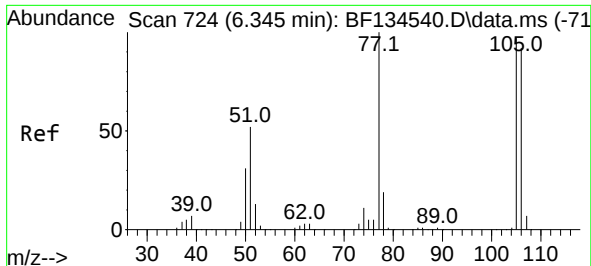
Ion Ratio Lower Upper

128 100

130 33.4 11.1 51.1

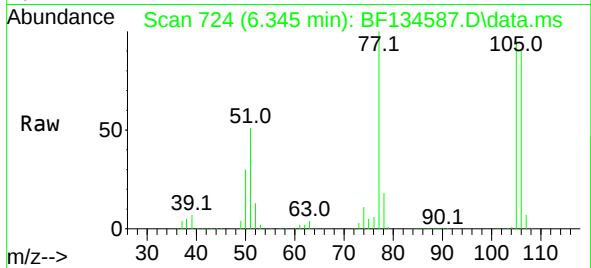
64 48.9 31.9 71.9





#9
Benzaldehyde
Concen: 45.268 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

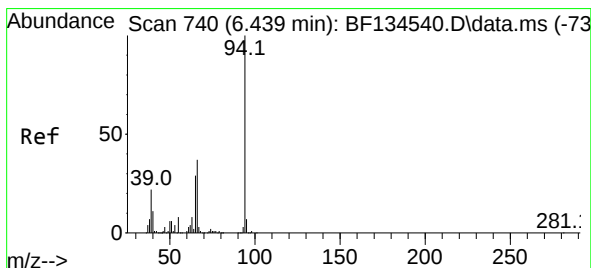
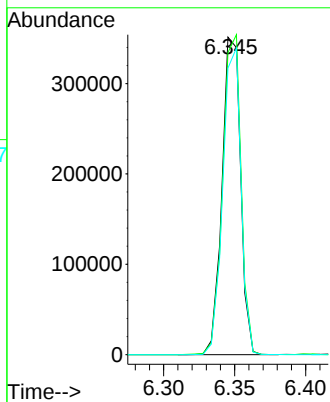
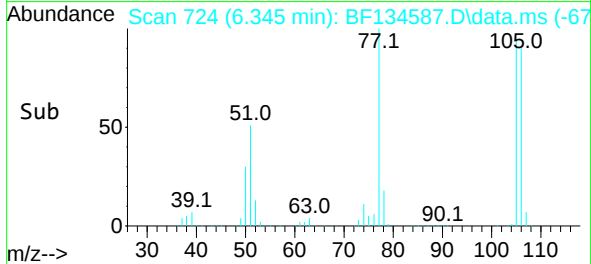
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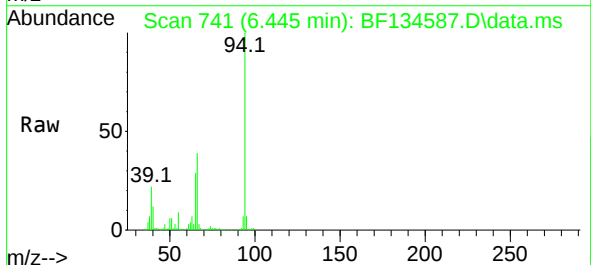
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Ion Ratio Lower Upper
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105 95.2 77.1 117.1
106 90.2 71.4 111.4

Manual Integrations
APPROVED

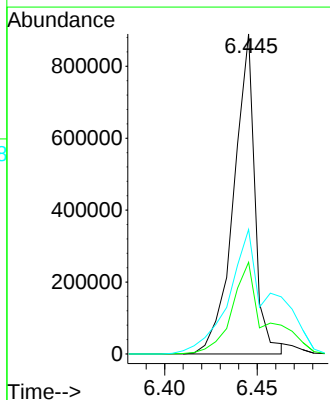
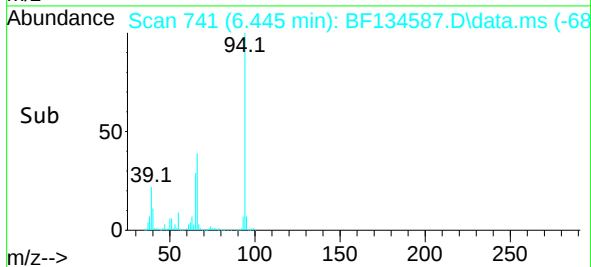
Reviewed By :Yogesh Patel 08/03/2023
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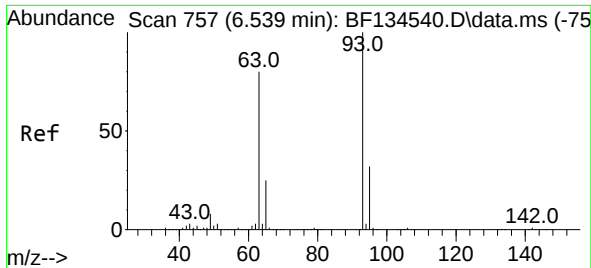


#10
Phenol
Concen: 46.794 ng m
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion: 94 Resp: 708299
Ion Ratio Lower Upper
94 100
65 28.7 17.8 57.8
66 38.9 35.2 75.2





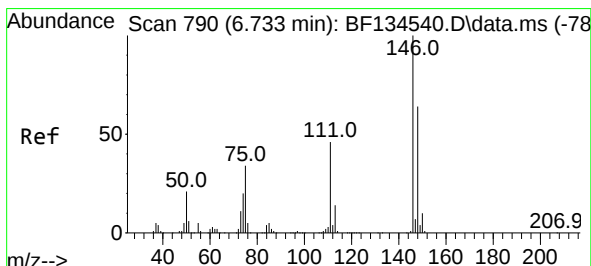
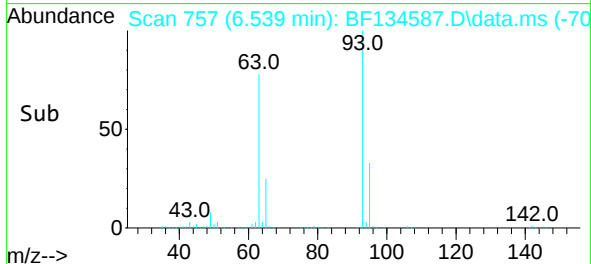
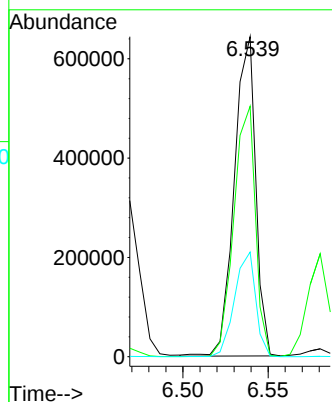
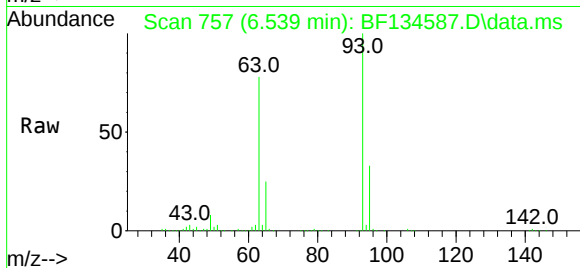
#11
bis(2-Chloroethyl)ether
Concen: 46.782 ng
RT: 6.539 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Instrument :
BNA_F
ClientSampleId :
342MS

Tgt Ion: 93 Resp: 56252
Ion Ratio Lower Upper
93 100
63 78.3 68.4 108.4
95 32.7 12.4 52.4

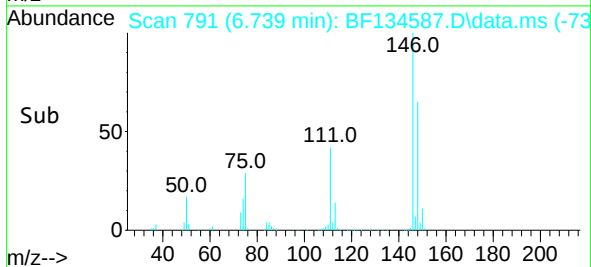
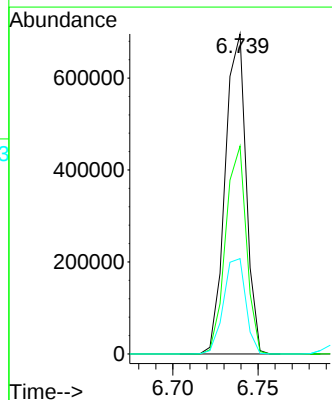
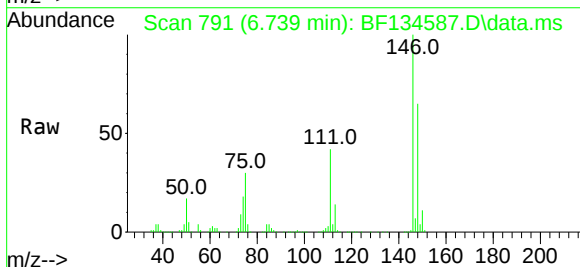
Manual Integrations
APPROVED

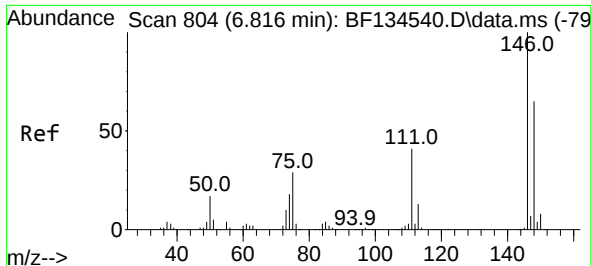
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#12
1,3-Dichlorobenzene
Concen: 47.403 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion:146 Resp: 594477
Ion Ratio Lower Upper
146 100
148 64.9 49.7 74.5
75 29.8 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 47.862 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion:146 Resp: 601550

Ion Ratio Lower Upper

146 100

148 64.6 51.3 76.9

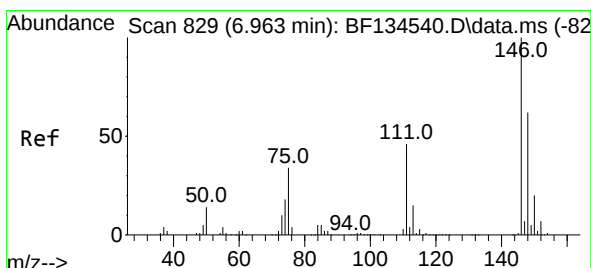
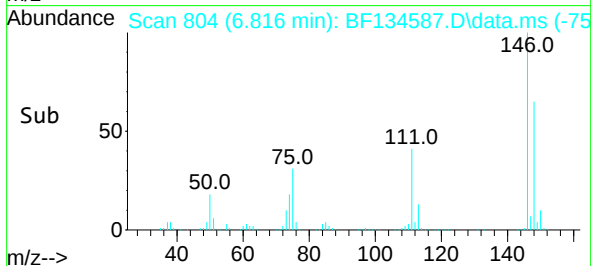
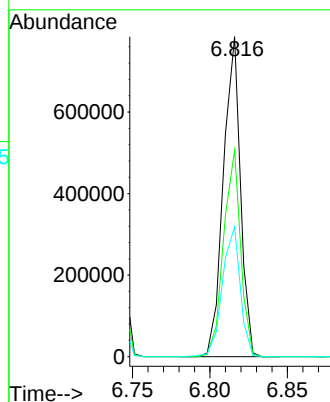
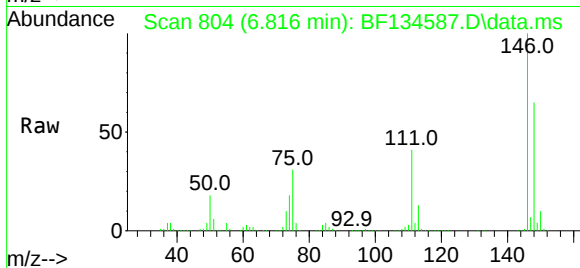
111 40.6 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#14

1,2-Dichlorobenzene

Concen: 49.065 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

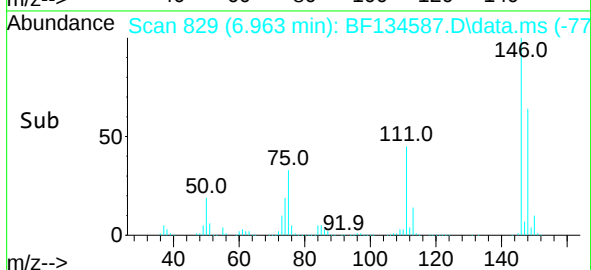
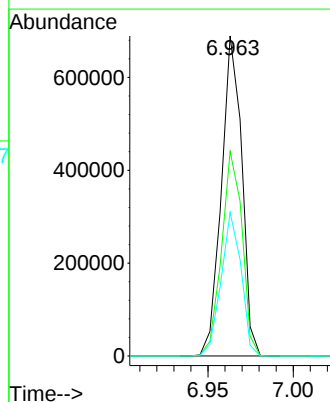
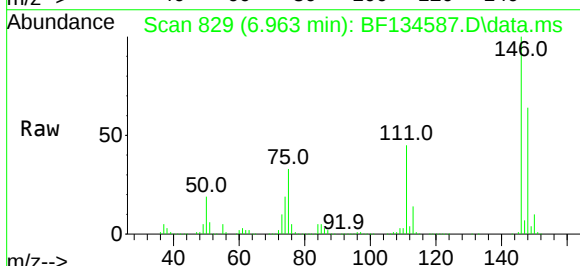
Tgt Ion:146 Resp: 574586

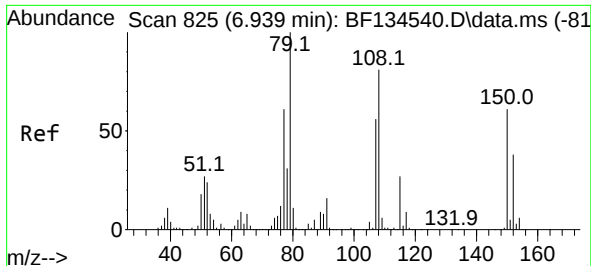
Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

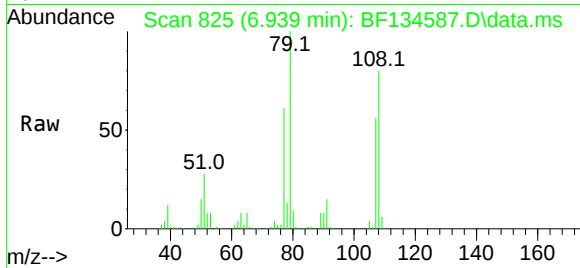
111 44.9 39.9 59.9





#15
Benzyl Alcohol
Concen: 47.087 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

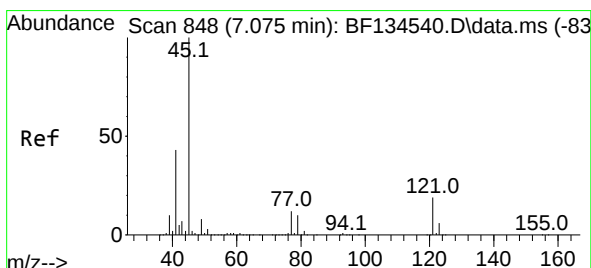
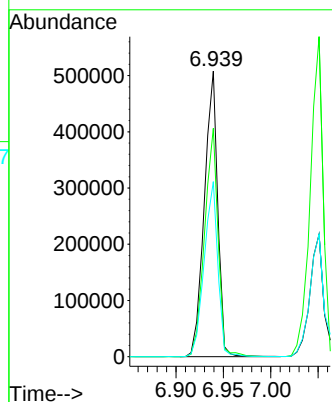
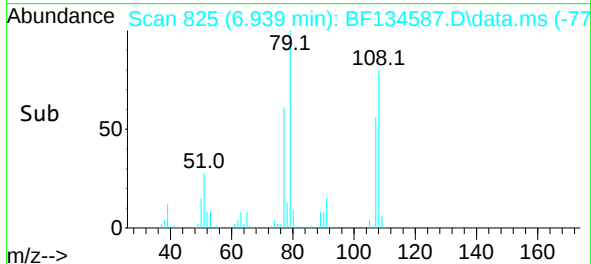
Instrument :
BNA_F
ClientSampleId :
342MS



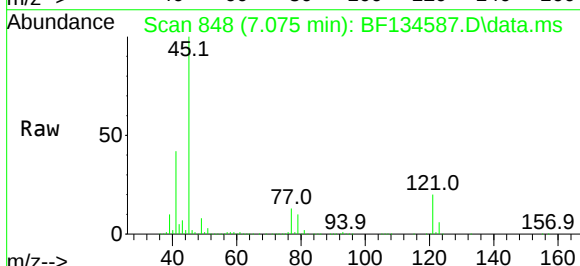
Tgt Ion: 79 Resp: 498952
Ion Ratio Lower Upper
79 100
108 80.0 56.3 84.5
77 61.3 50.6 76.0

Manual Integrations
APPROVED

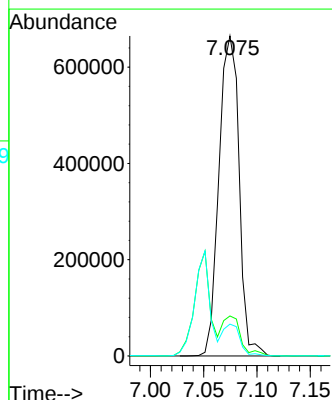
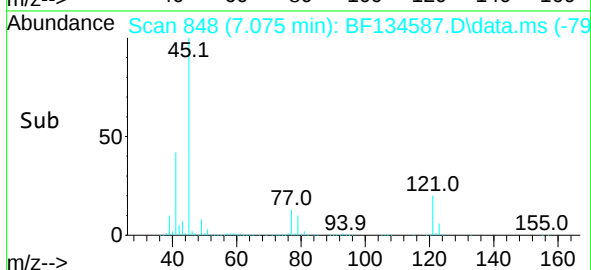
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

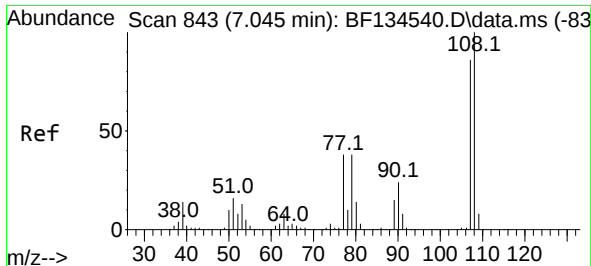


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.229 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



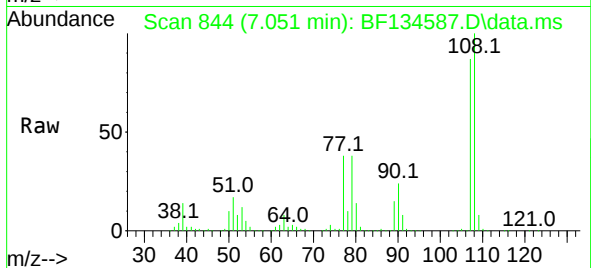
Tgt Ion: 45 Resp: 870872
Ion Ratio Lower Upper
45 100
77 12.5 0.0 37.8
79 10.0 0.0 34.5





#17
2-Methylphenol
Concen: 43.582 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

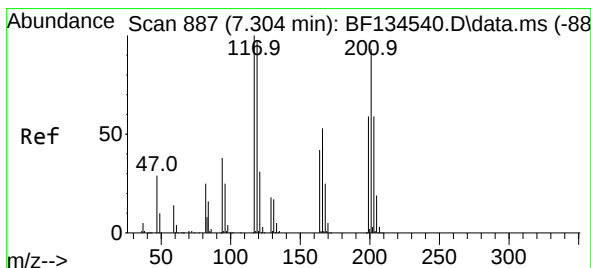
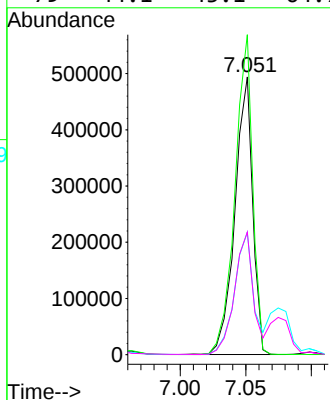
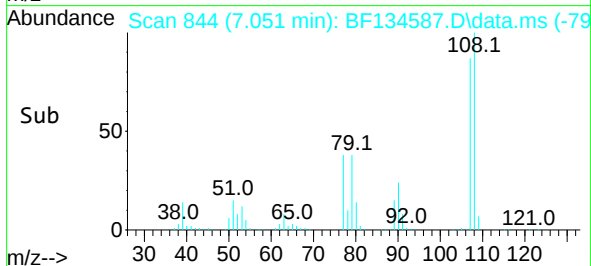
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:107 Resp: 466808
Ion Ratio Lower Upper
107 100
108 115.2 89.4 134.2
77 44.1 42.4 63.6
79 44.1 43.1 64.7

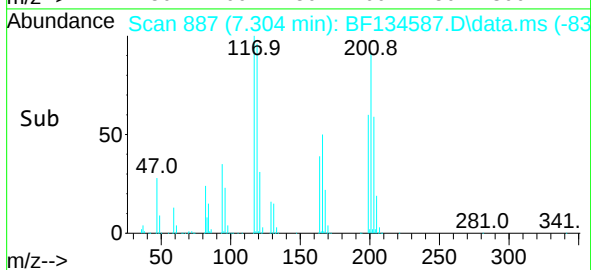
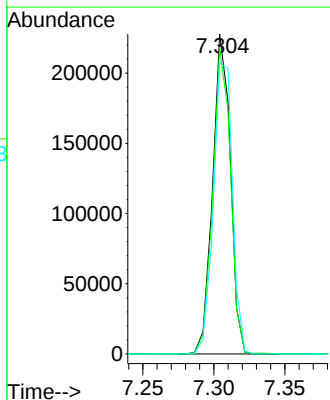
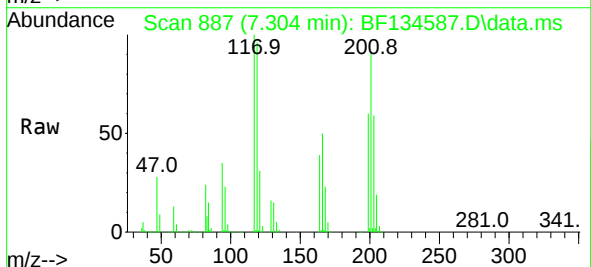
Manual Integrations
APPROVED

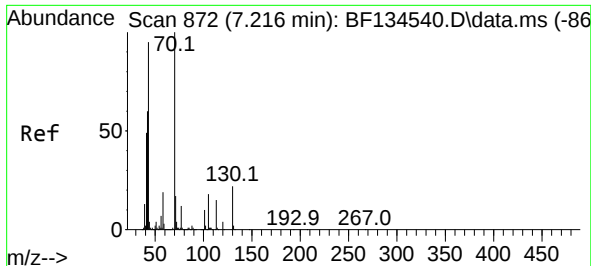
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#18
Hexachloroethane
Concen: 44.789 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

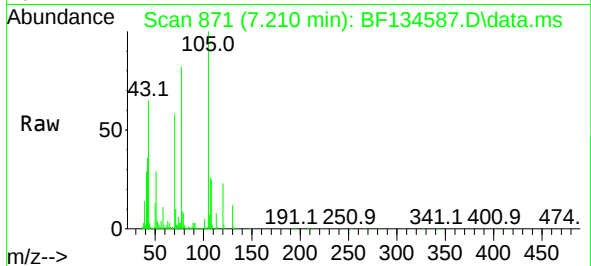
Tgt Ion:117 Resp: 197573
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 91.1 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.533 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

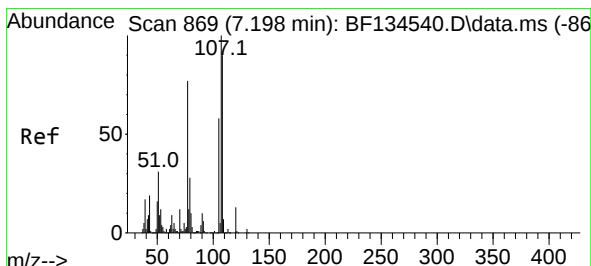
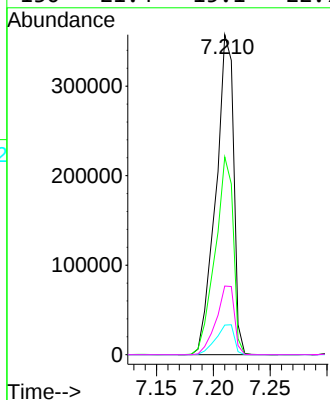
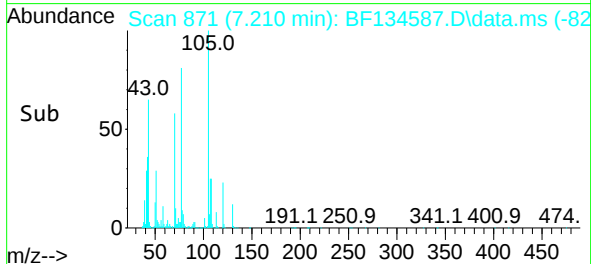
Instrument :
BNA_F
ClientSampleId :
342MS



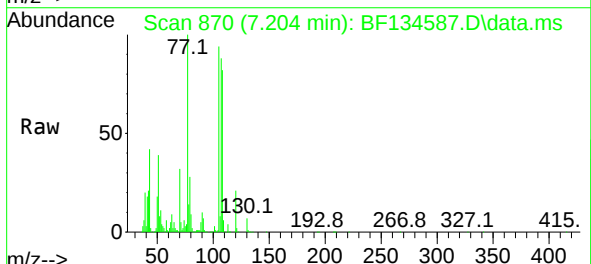
Tgt Ion: 70 Resp: 391149
Ion Ratio Lower Upper
70 100
42 61.8 54.7 82.1
101 9.3 8.2 12.2
130 21.4 15.1 22.7

Manual Integrations
APPROVED

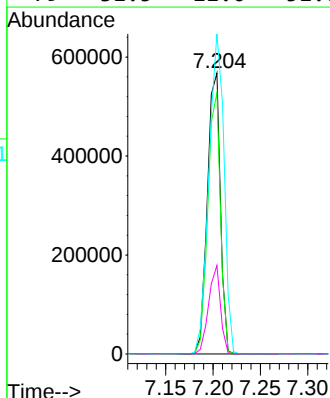
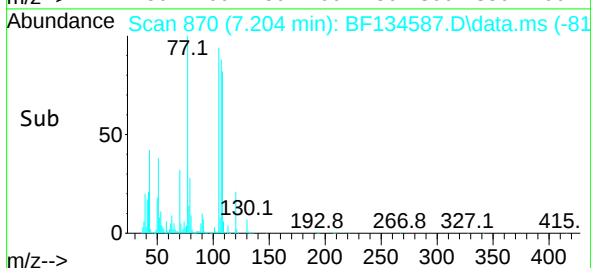
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

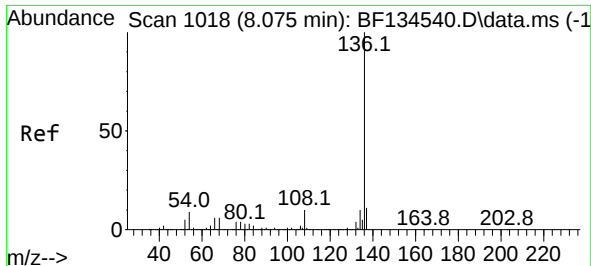


#20
3+4-Methylphenols
Concen: 41.854 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion:107 Resp: 540646
Ion Ratio Lower Upper
107 100
108 93.0 68.1 108.1
77 113.9 122.1 162.1#
79 31.5 11.0 51.0





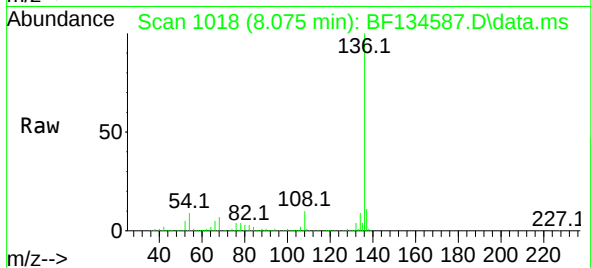
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

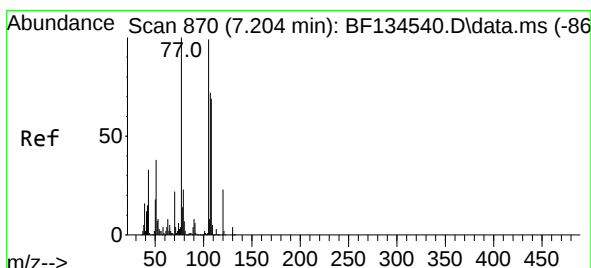
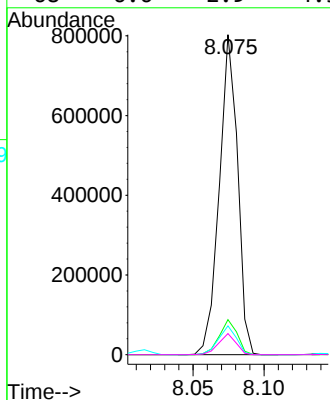
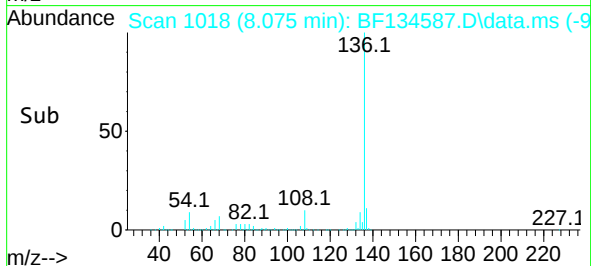


Tgt Ion:136 Resp: 717092
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 9.0 5.2 7.8
68 6.6 2.9 4.3#

Manual Integrations

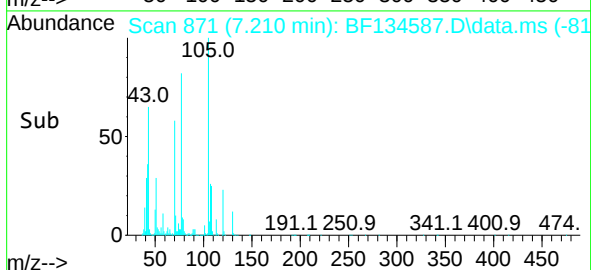
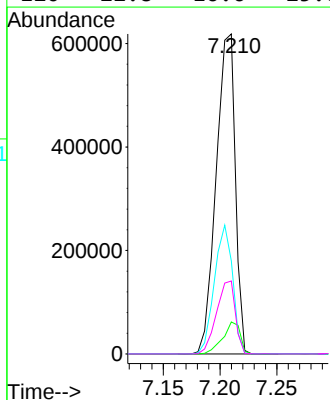
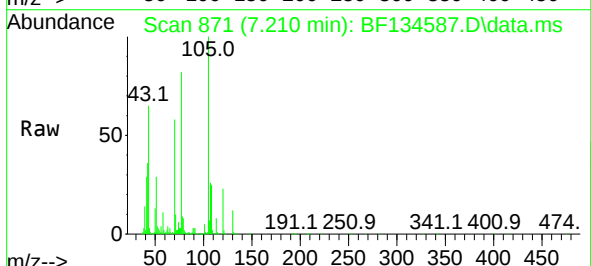
APPROVED

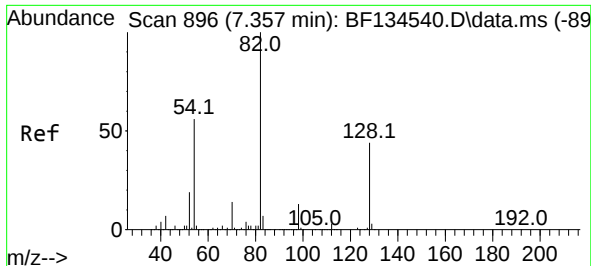
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#22
Acetophenone
Concen: 43.906 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion:105 Resp: 726840
Ion Ratio Lower Upper
105 100
71 10.0 7.4 11.0
51 29.1 36.4 54.6#
120 22.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 65.695 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion: 82 Resp: 75384

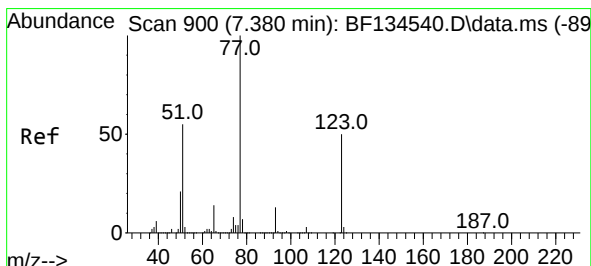
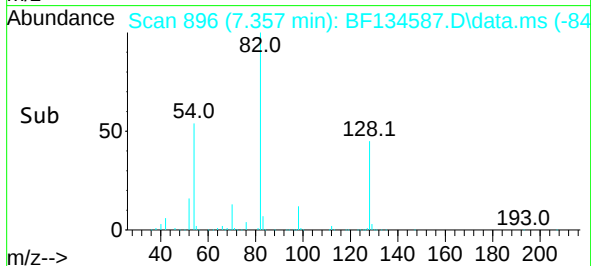
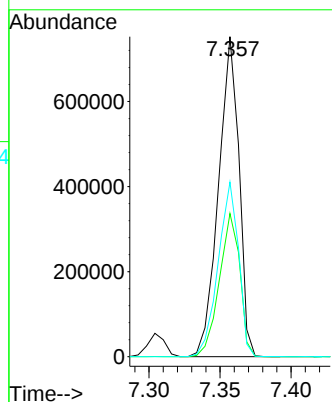
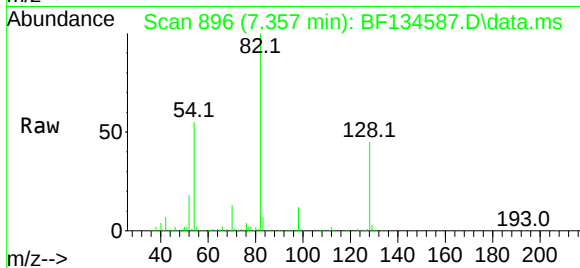
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.3	51.5
54	54.6	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#24

Nitrobenzene

Concen: 47.932 ng

RT: 7.375 min Scan# 899

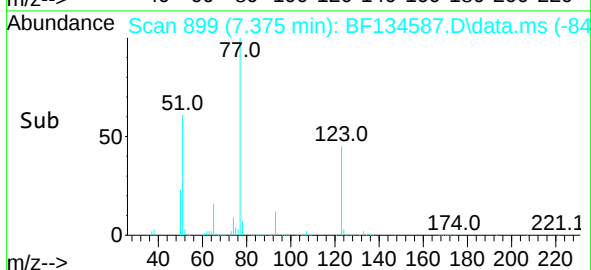
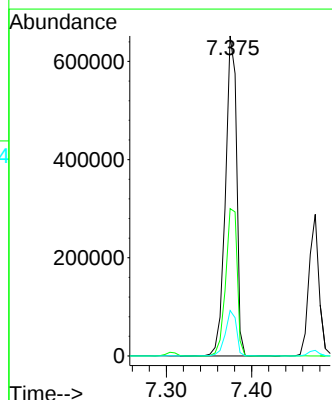
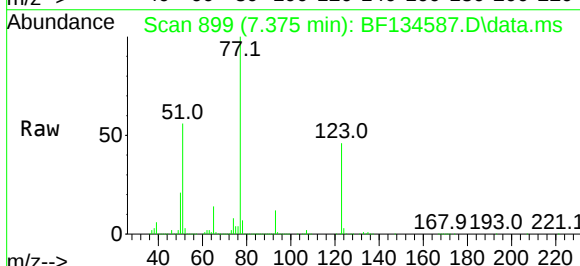
Delta R.T. -0.006 min

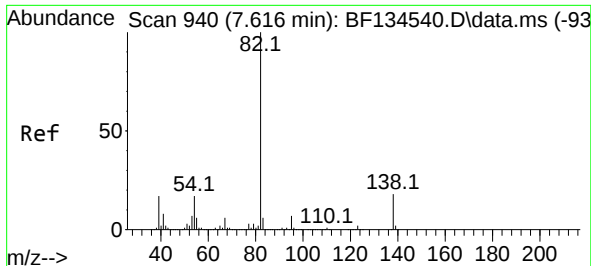
Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Tgt Ion: 77 Resp: 594201

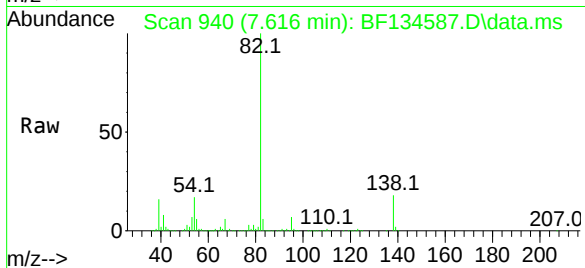
Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.5	53.3
65	14.2	11.9	17.9





#25
Isophorone
Concen: 43.730 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

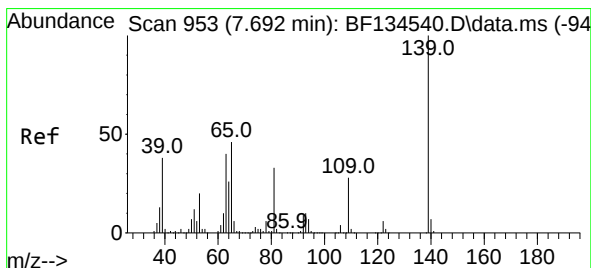
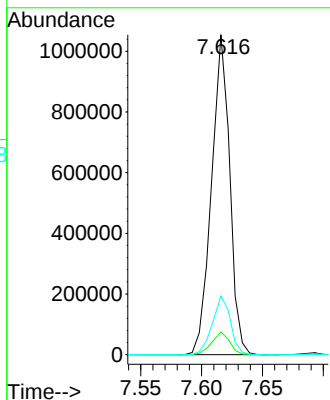
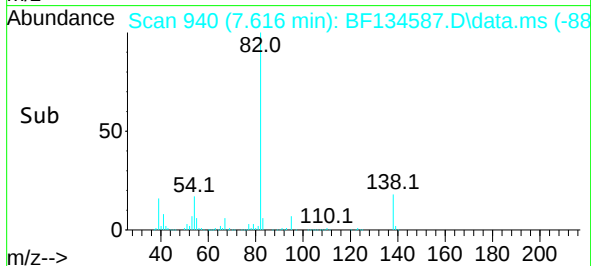
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion: 82 Resp: 1094460
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.3 14.6 22.0

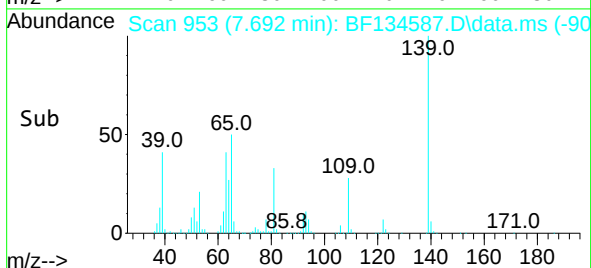
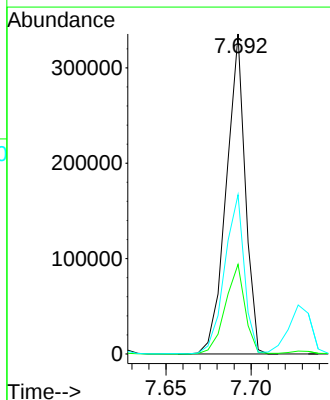
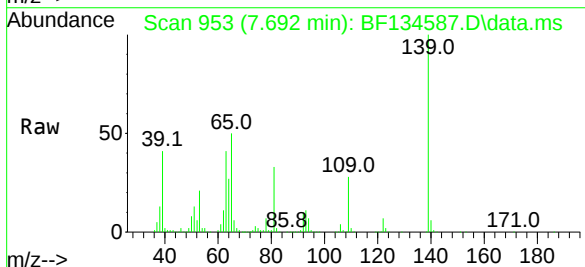
Manual Integrations
APPROVED

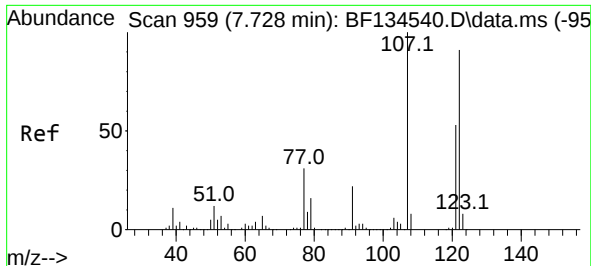
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#26
2-Nitrophenol
Concen: 49.145 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion:139 Resp: 259921
Ion Ratio Lower Upper
139 100
109 28.0 29.8 44.6#
65 49.7 45.4 68.2





#27
2,4-Dimethylphenol
Concen: 42.876 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

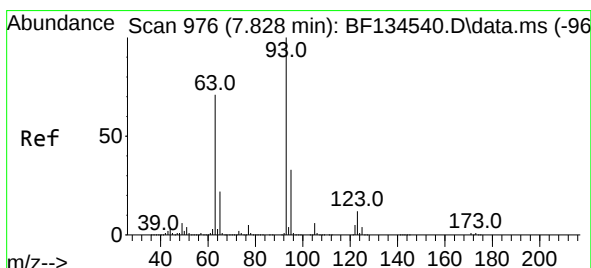
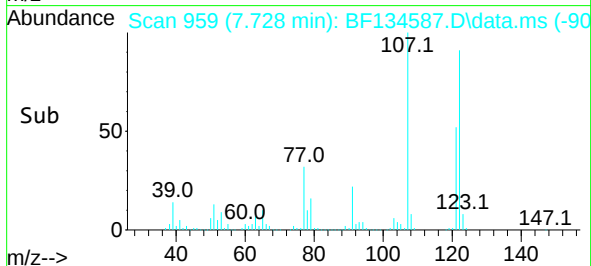
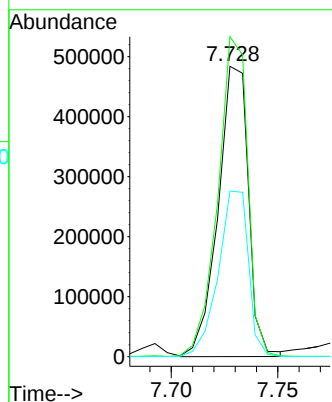
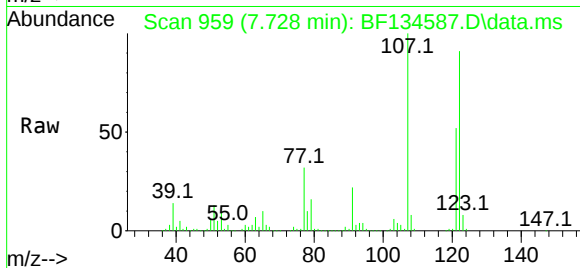
ClientSampleId :

342MS

Tgt Ion:122 Resp: 478800
Ion Ratio Lower Upper
122 100
107 110.2 106.7 160.1
121 57.0 49.0 73.6

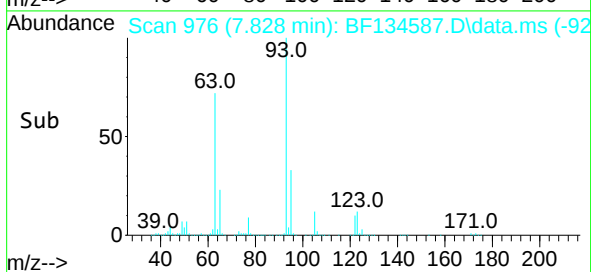
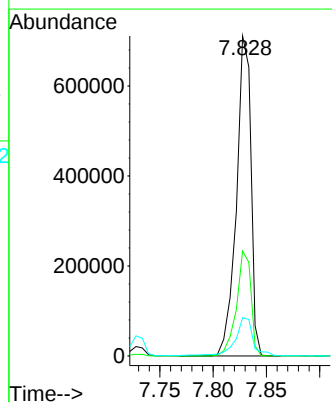
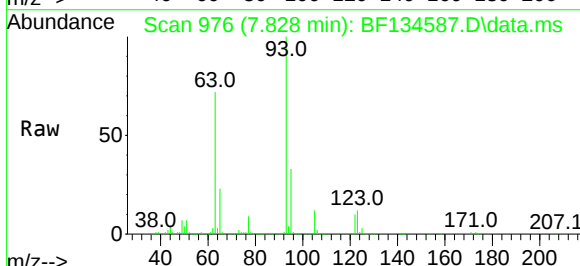
Manual Integrations
APPROVED

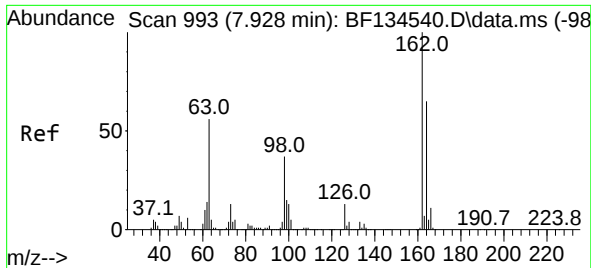
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.111 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion: 93 Resp: 675381
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.9 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 45.273 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion:162 Resp: 45886

Ion Ratio Lower Upper

162 100

164 64.6 42.2 82.2

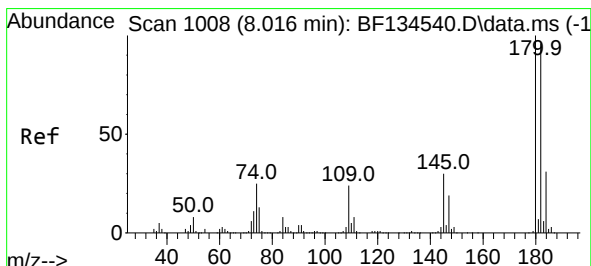
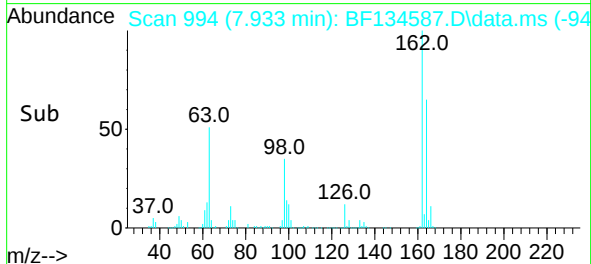
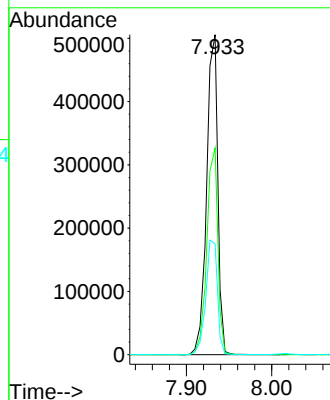
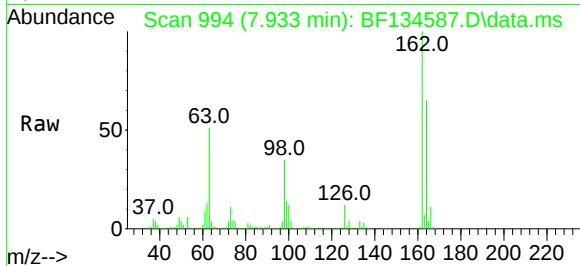
98 34.6 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.522 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

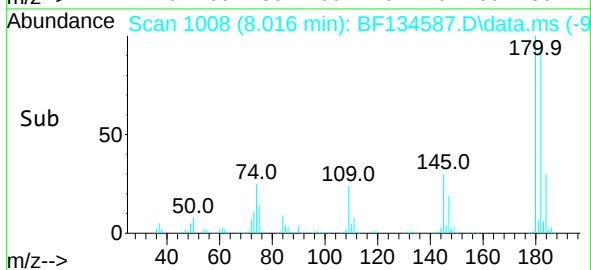
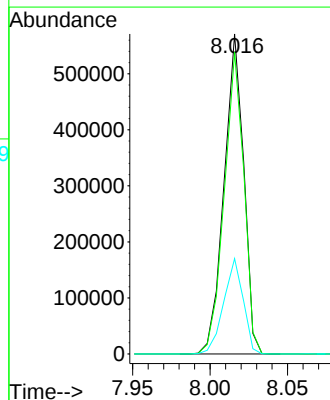
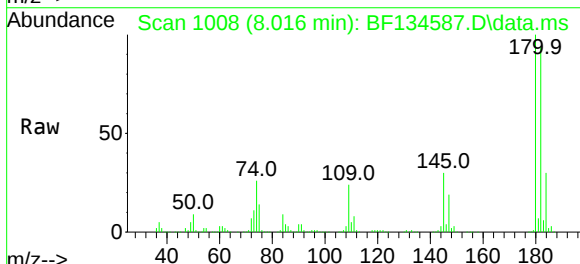
Tgt Ion:180 Resp: 502811

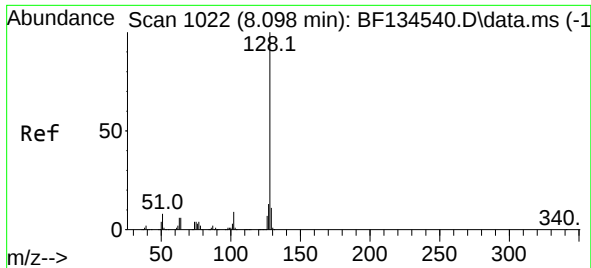
Ion Ratio Lower Upper

180 100

182 94.3 75.0 112.6

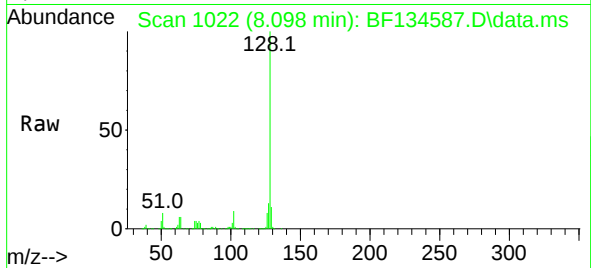
145 29.8 25.5 38.3





#31
Naphthalene
Concen: 43.242 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

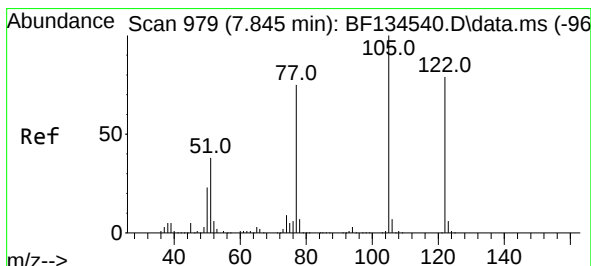
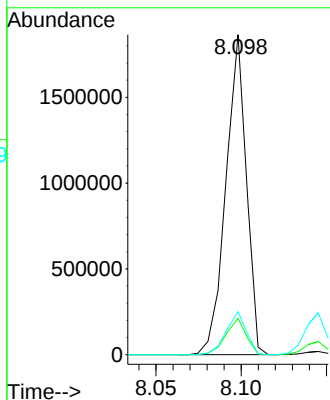
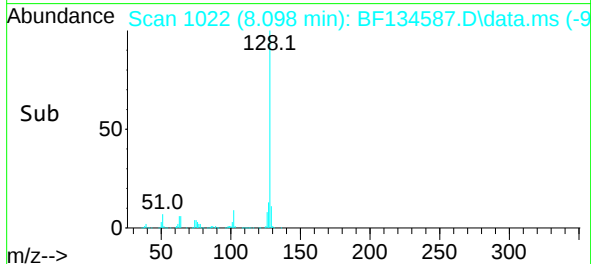
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:128 Resp: 1558412
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.5 10.7 16.1

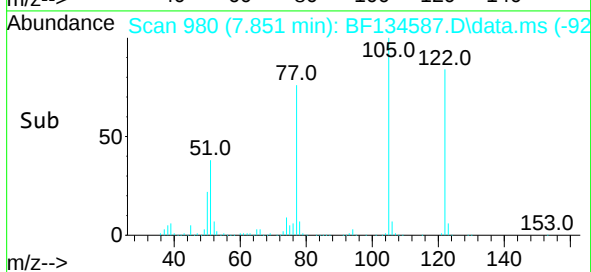
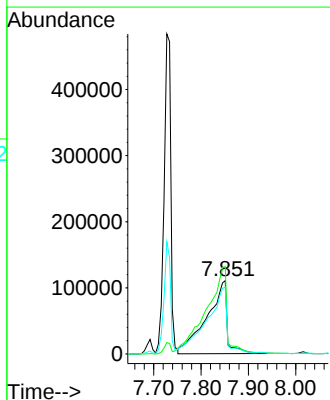
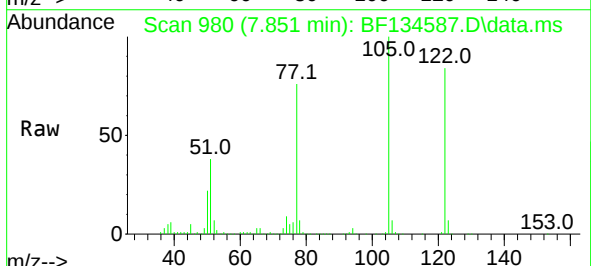
Manual Integrations
APPROVED

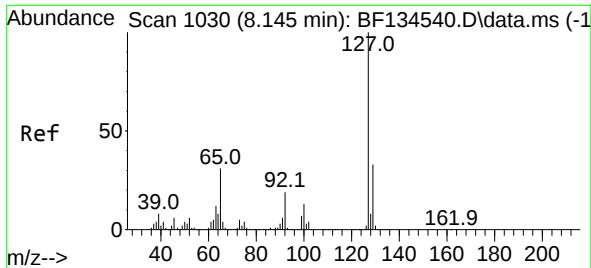
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#32
Benzoic acid
Concen: 46.125 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion:122 Resp: 333321
Ion Ratio Lower Upper
122 100
105 119.2 87.5 127.5
77 91.1 71.4 111.4





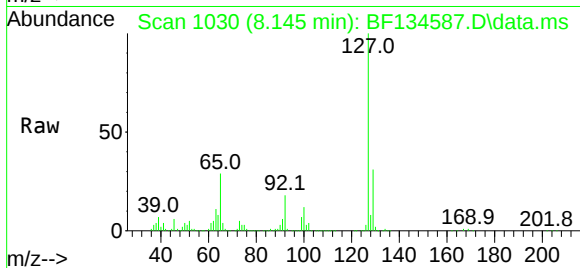
#33
4-Chloroaniline
Concen: 14.511 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

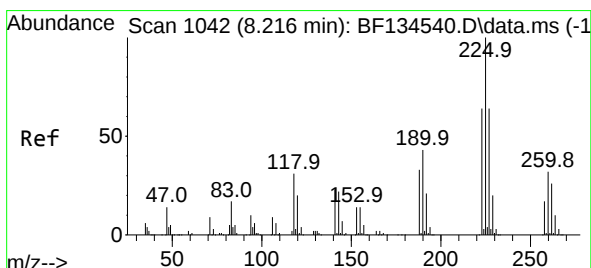
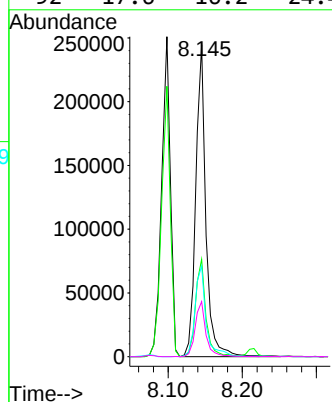
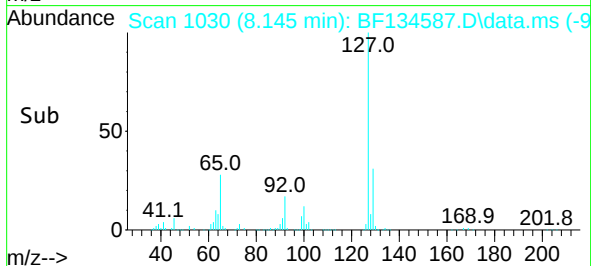


Tgt Ion:127 Resp: 23302
Ion Ratio Lower Upper
127 100
129 31.2 25.6 38.4
65 29.1 25.4 38.0
92 17.6 16.2 24.4

Manual Integrations

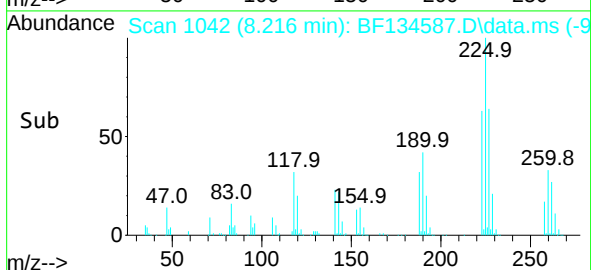
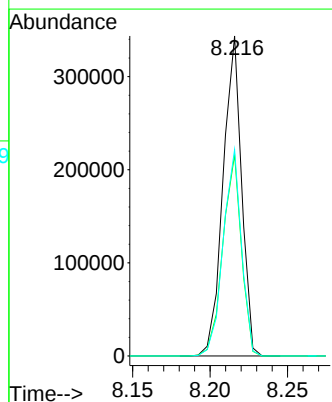
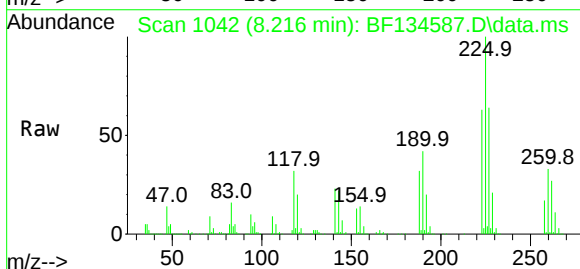
APPROVED

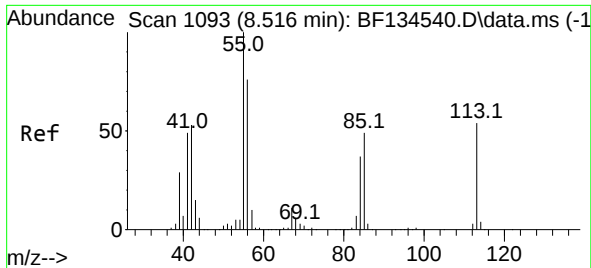
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#34
Hexachlorobutadiene
Concen: 45.691 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

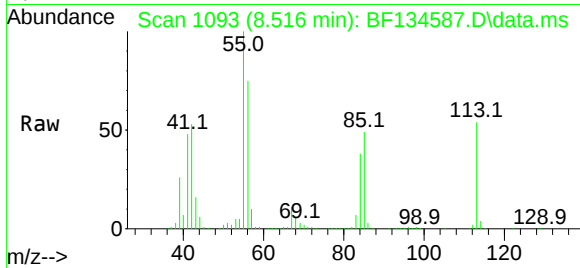
Tgt Ion:225 Resp: 284851
Ion Ratio Lower Upper
225 100
223 62.9 48.2 72.4
227 64.5 48.5 72.7





#35
Caprolactam
Concen: 43.862 ng m
RT: 8.516 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

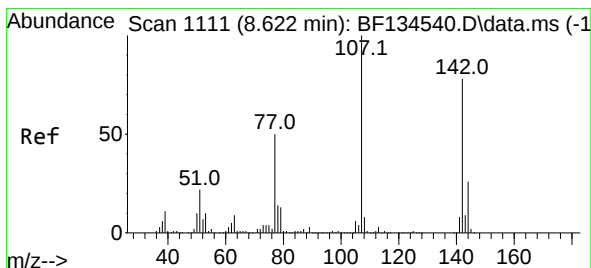
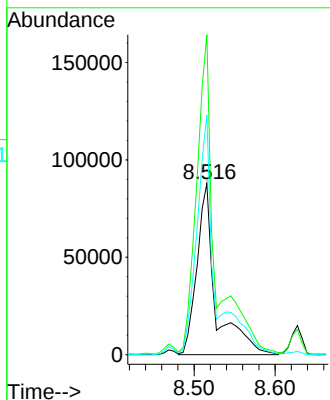
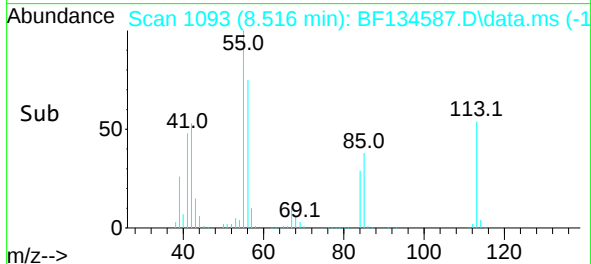
Instrument :
BNA_F
ClientSampleId :
342MS



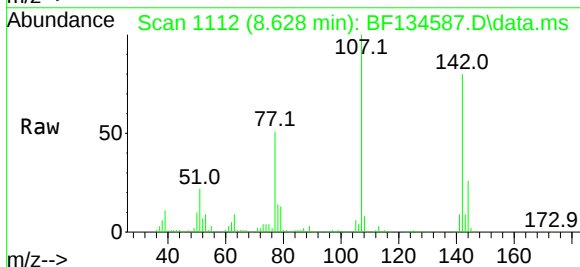
Tgt Ion:113 Resp: 143428
Ion Ratio Lower Upper
113 100
55 186.8 161.5 201.5
56 140.0 117.8 157.8

Manual Integrations
APPROVED

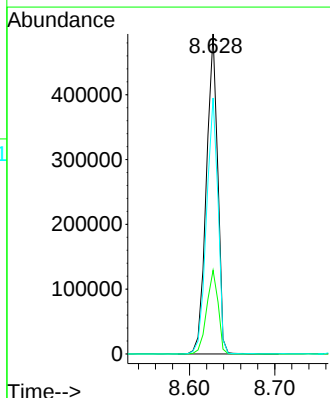
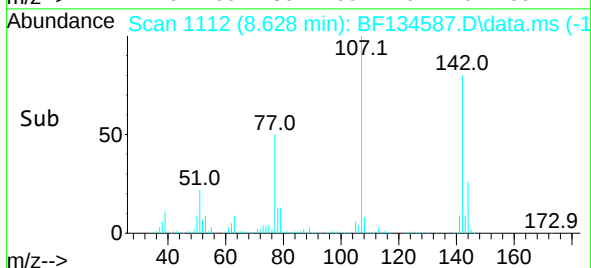
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

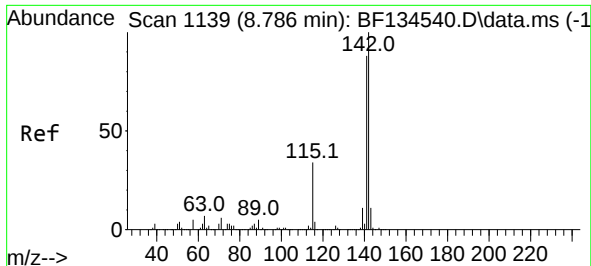


#36
4-Chloro-3-methylphenol
Concen: 42.610 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion:107 Resp: 457371
Ion Ratio Lower Upper
107 100
144 26.2 19.6 29.4
142 80.0 57.7 86.5





#37

2-Methylnaphthalene

Concen: 40.618 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion:142 Resp: 97031

Ion Ratio Lower Upper

142 100

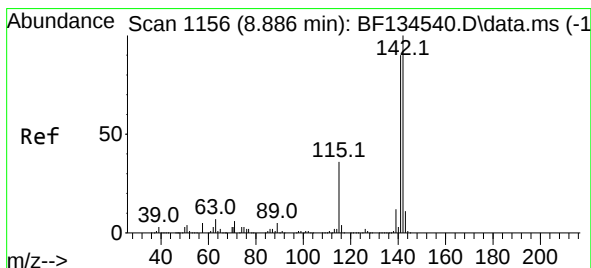
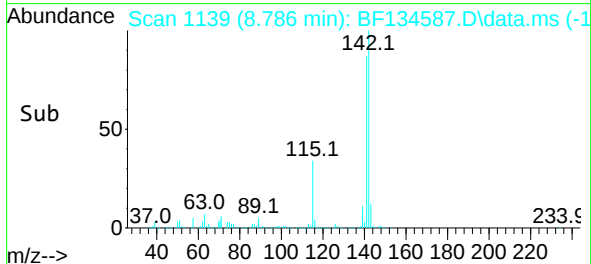
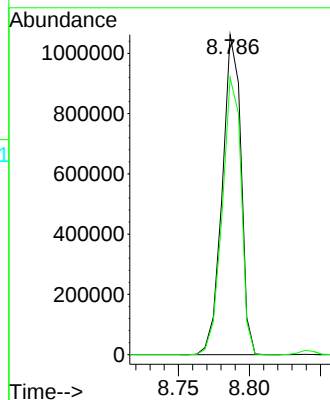
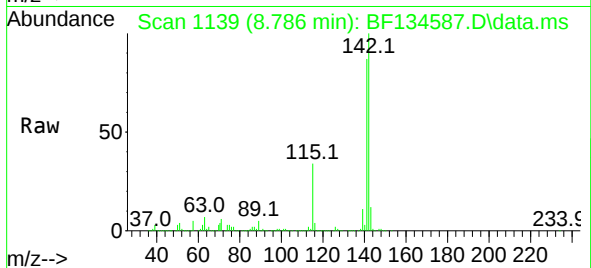
141 86.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#38

1-Methylnaphthalene

Concen: 41.994 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF134587.D

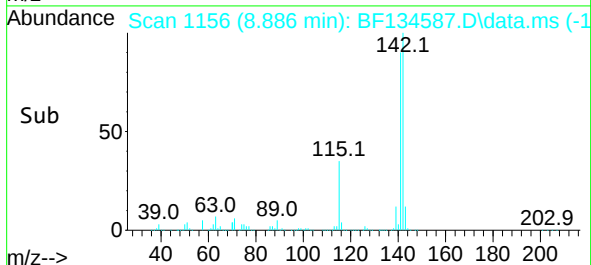
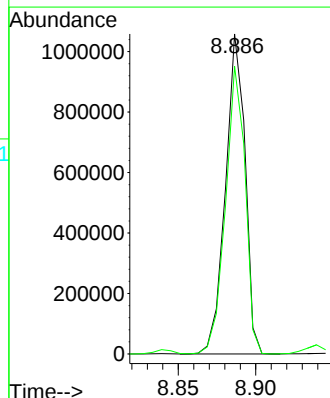
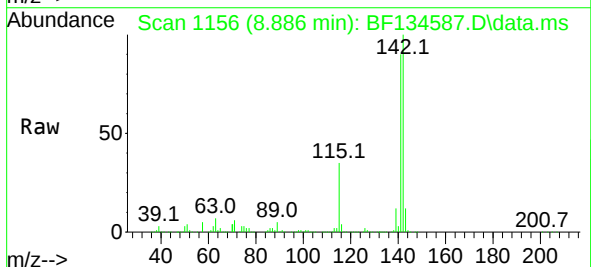
Acq: 02 Aug 2023 19:05

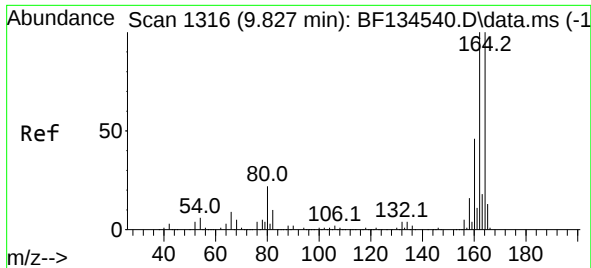
Tgt Ion:142 Resp: 932835

Ion Ratio Lower Upper

142 100

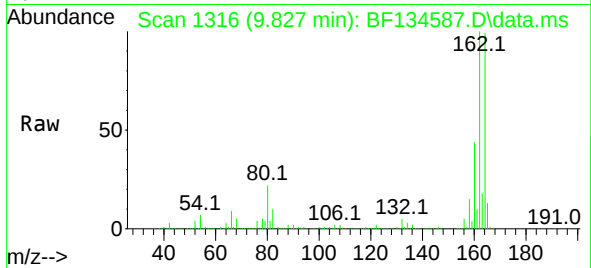
141 89.9 71.4 107.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11316
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

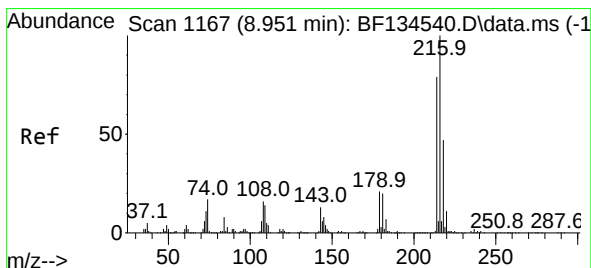
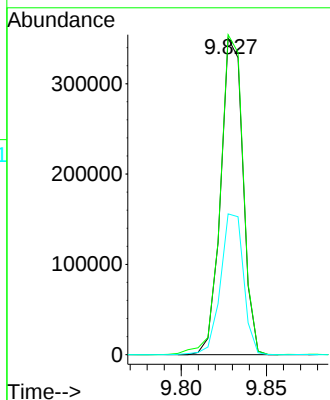
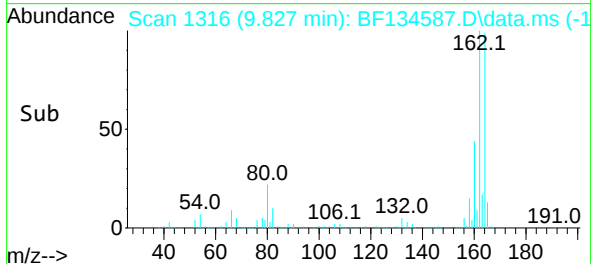
Instrument :
BNA_F
ClientSampleId :
342MS



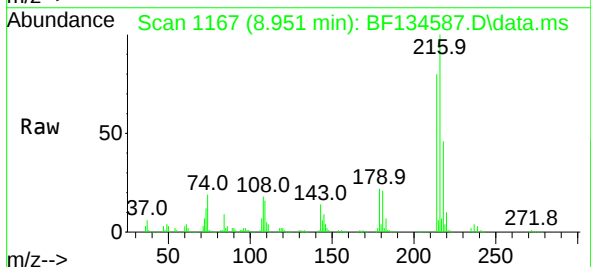
Tgt Ion:164 Resp: 319140
Ion Ratio Lower Upper
164 100
162 101.1 82.6 123.8
160 44.5 37.2 55.8

Manual Integrations
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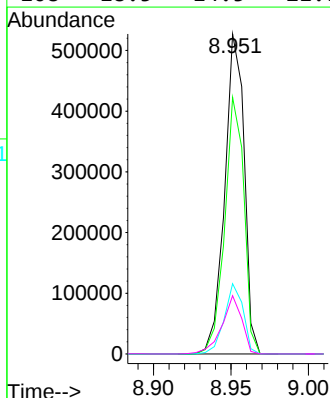
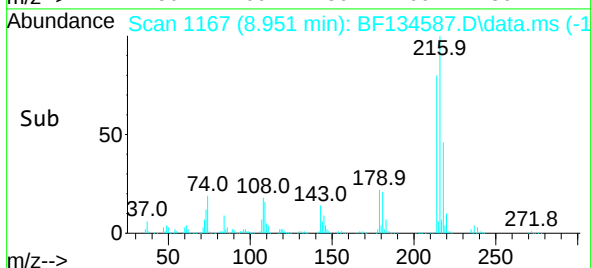
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

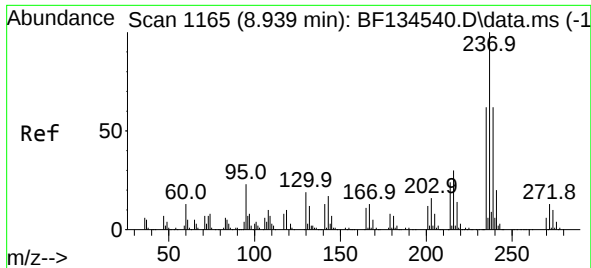


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.721 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



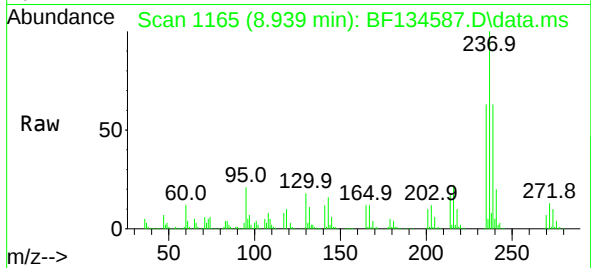
Tgt Ion:216 Resp: 461436
Ion Ratio Lower Upper
216 100
214 78.7 62.3 93.5
179 21.2 17.4 26.0
108 18.5 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 47.457 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

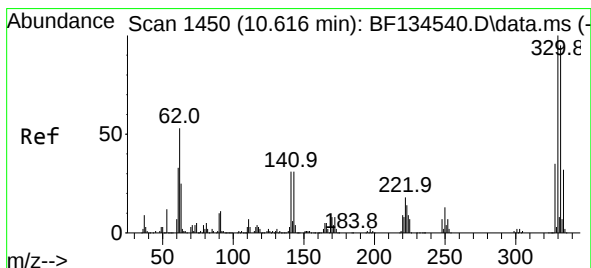
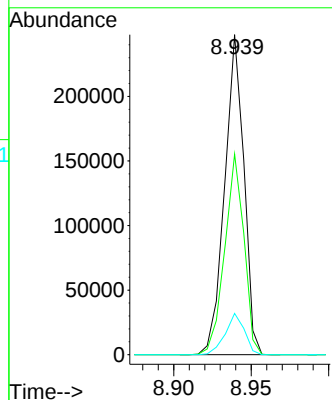
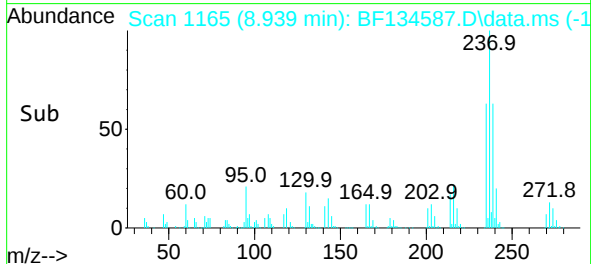
Instrument :
BNA_F
ClientSampleId :
342MS



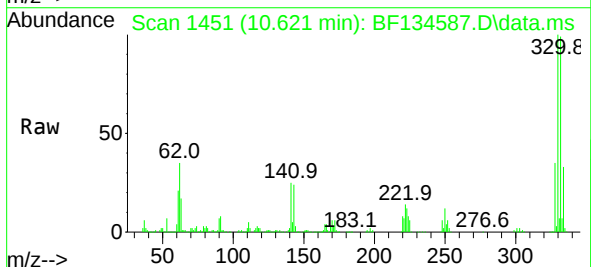
Tgt Ion:237 Resp: 21417
Ion Ratio Lower Upper
237 100
235 62.7 37.0 77.0
272 12.9 0.0 32.7

Manual Integrations
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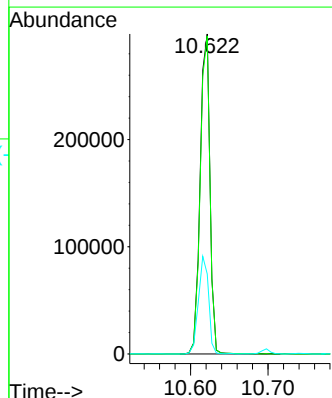
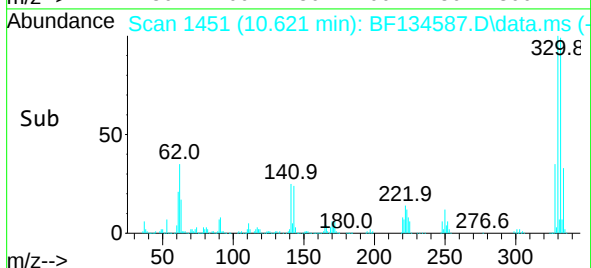
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

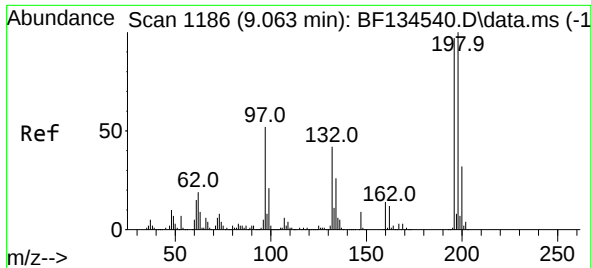


#42
2,4,6-Tribromophenol
Concen: 80.301 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



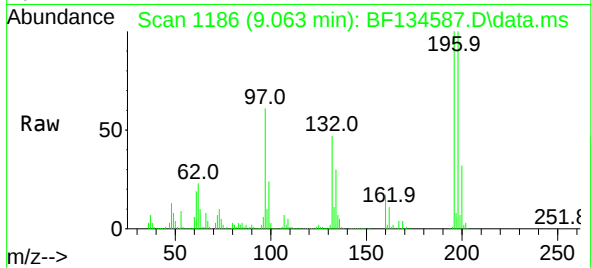
Tgt Ion:330 Resp: 261252
Ion Ratio Lower Upper
330 100
332 98.3 78.8 118.2
141 31.6 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 48.886 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

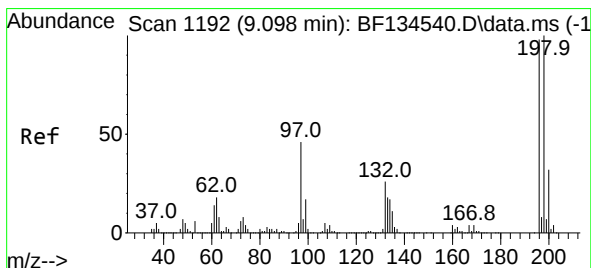
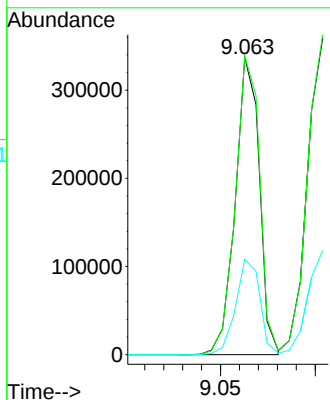
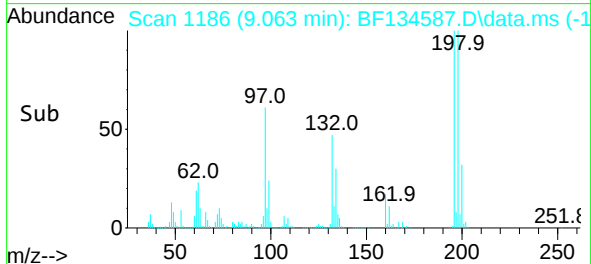
Instrument :
BNA_F
ClientSampleId :
342MS



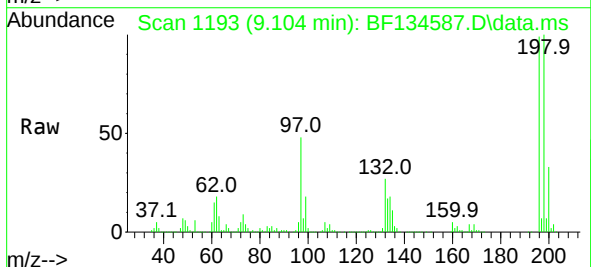
Tgt Ion:196 Resp: 296919
Ion Ratio Lower Upper
196 100
198 100.3 77.4 116.2
200 32.1 25.4 38.2

Manual Integrations
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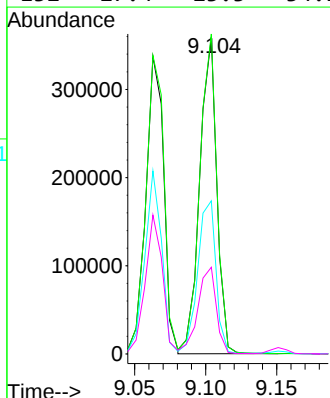
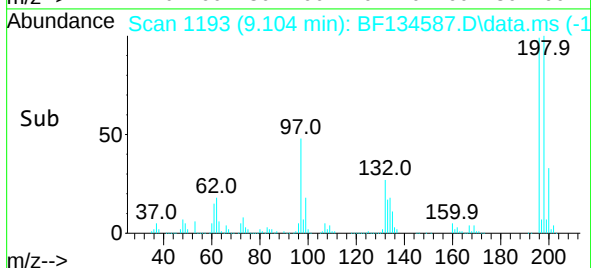
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

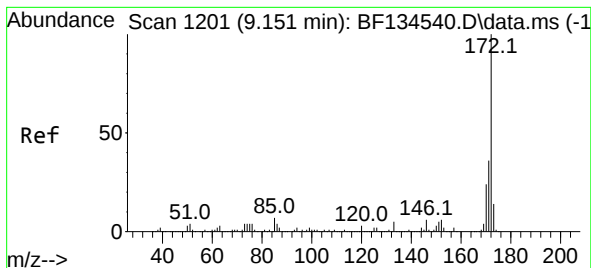


#44
2,4,5-Trichlorophenol
Concen: 43.469 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion:196 Resp: 301751
Ion Ratio Lower Upper
196 100
198 101.0 73.0 109.4
97 48.4 40.8 61.2
132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 68.081 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion:172 Resp: 130679

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

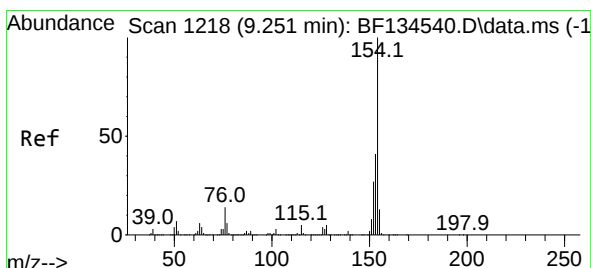
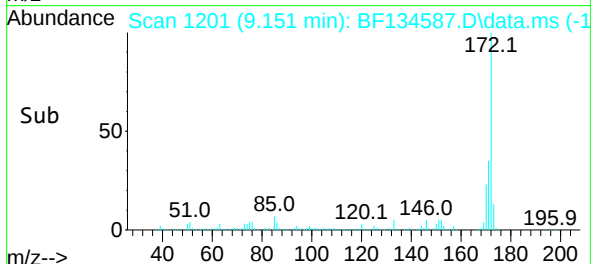
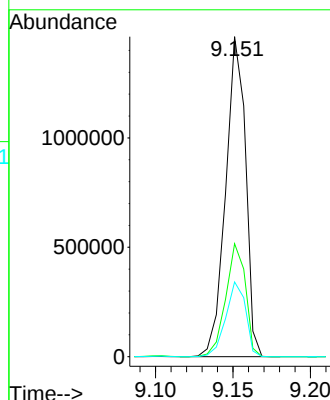
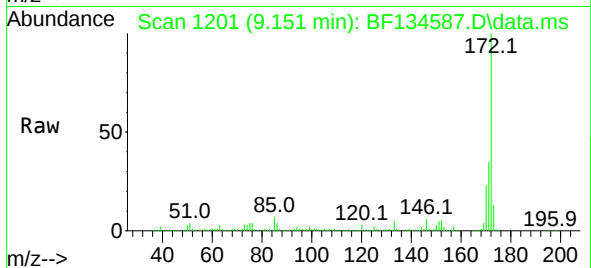
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#46

1,1'-Biphenyl

Concen: 47.537 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

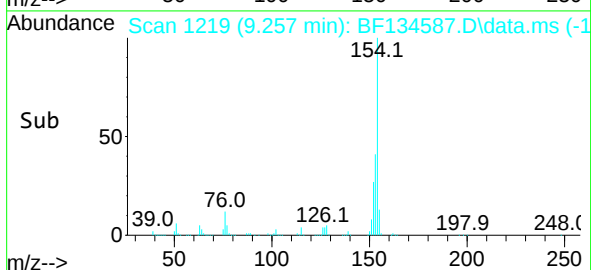
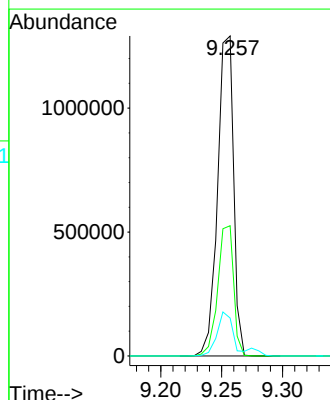
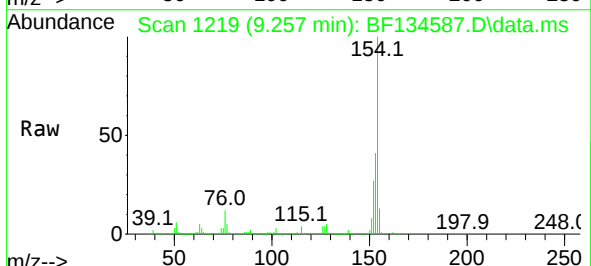
Tgt Ion:154 Resp: 1179754

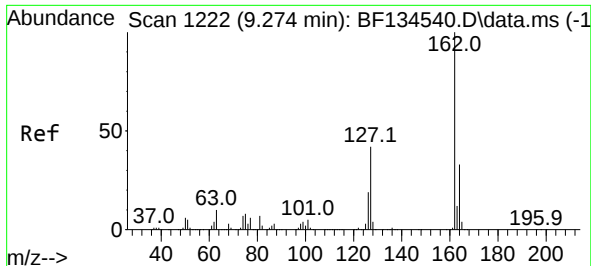
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

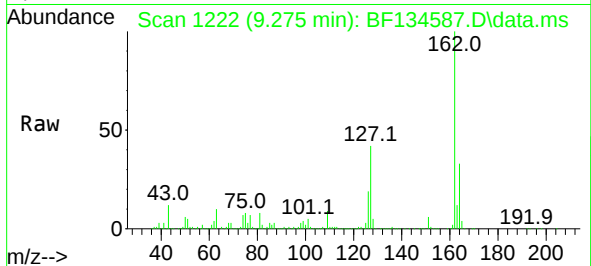
76 11.9 0.0 30.2





#47
2-Chloronaphthalene
Concen: 46.347 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

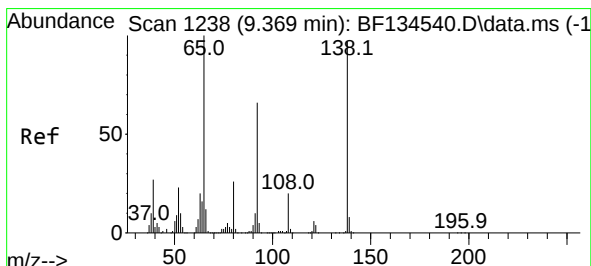
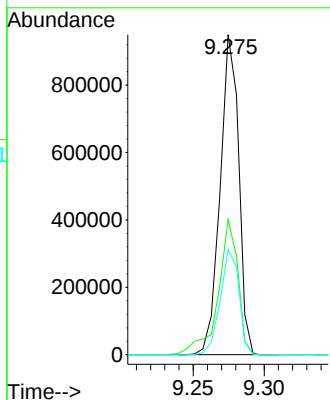
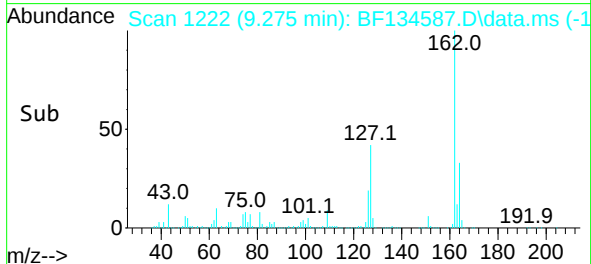
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:162 Resp: 861854
Ion Ratio Lower Upper
162 100
127 42.2 34.0 51.0
164 32.9 25.7 38.5

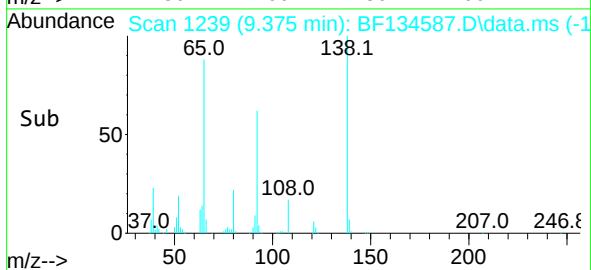
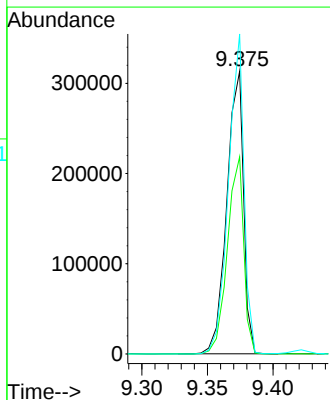
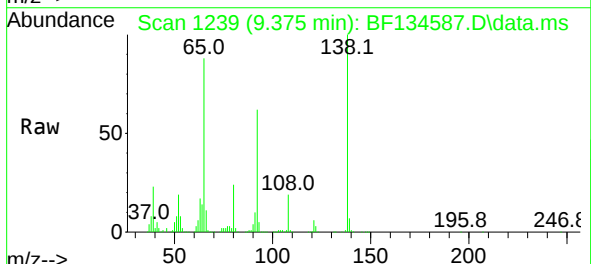
Manual Integrations
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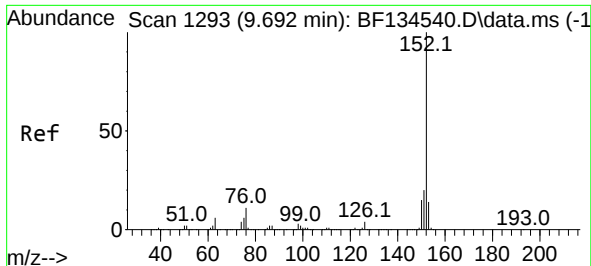
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#48
2-Nitroaniline
Concen: 47.962 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

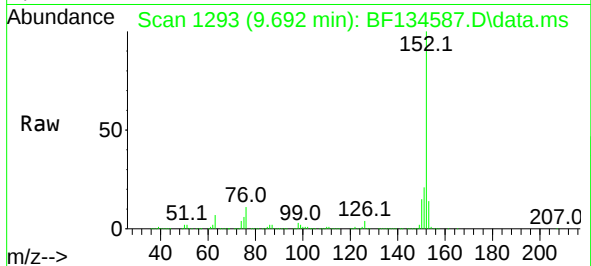
Tgt Ion: 65 Resp: 278042
Ion Ratio Lower Upper
65 100
92 69.7 50.7 76.1
138 113.2 78.2 117.4





#49
Acenaphthylene
Concen: 44.850 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

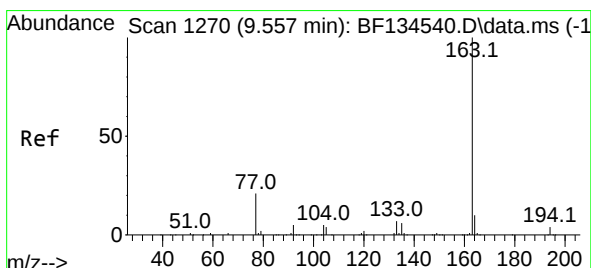
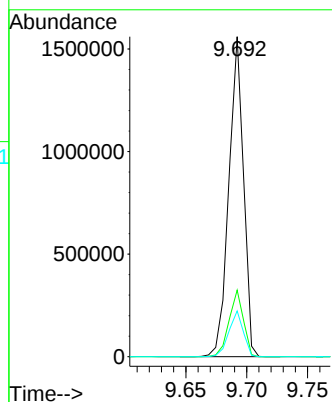
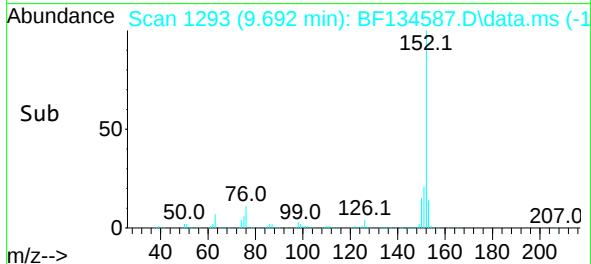
Instrument :
BNA_F
ClientSampleId :
342MS



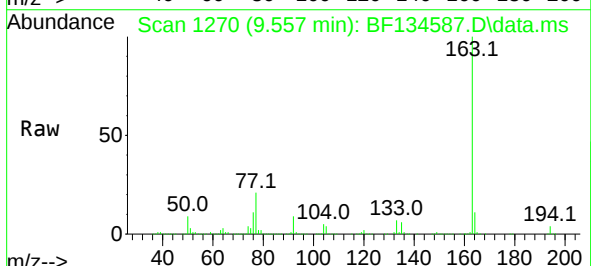
Tgt Ion:152 Resp: 1310999
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.3 10.9 16.3

Manual Integrations
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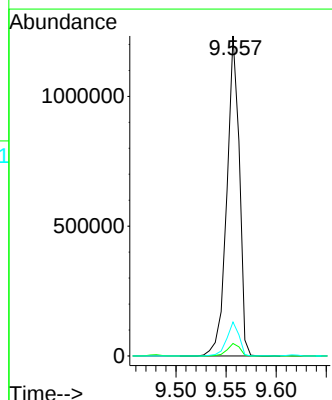
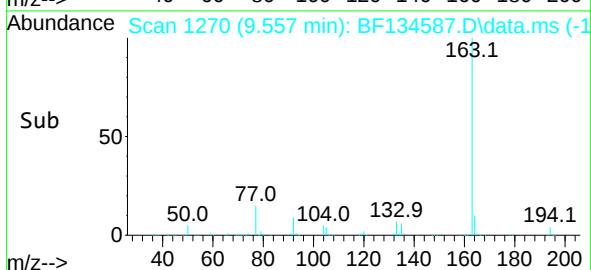
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

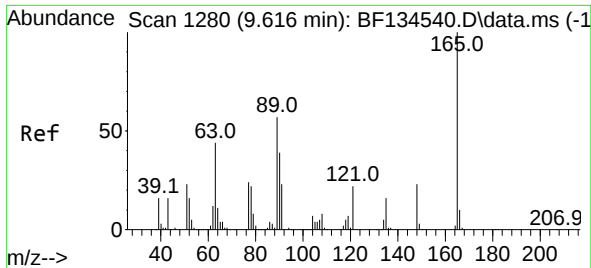


#50
Dimethylphthalate
Concen: 48.869 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



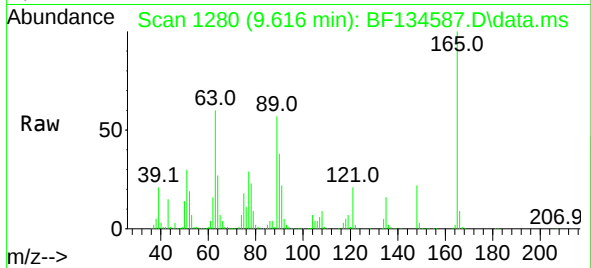
Tgt Ion:163 Resp: 1062991
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.6 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 49.009 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

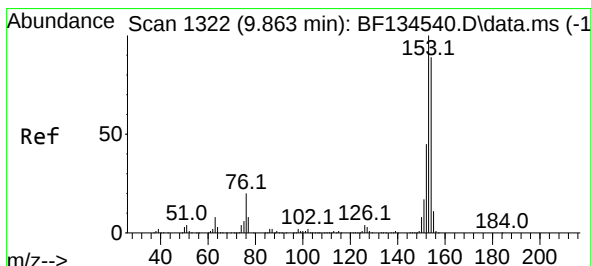
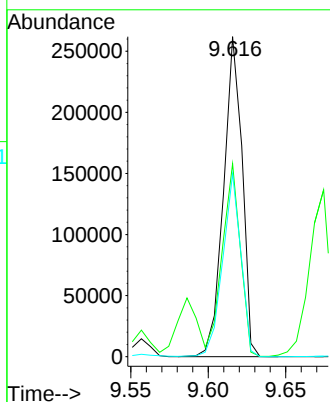
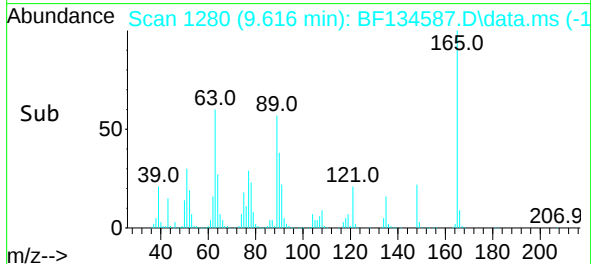
Instrument :
BNA_F
ClientSampleId :
342MS



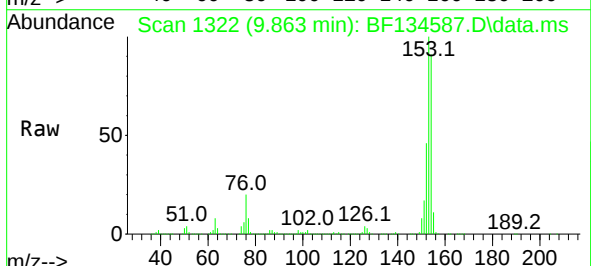
Tgt Ion:165 Resp: 21866
Ion Ratio Lower Upper
165 100
63 60.3 57.8 86.6
89 57.2 51.8 77.8

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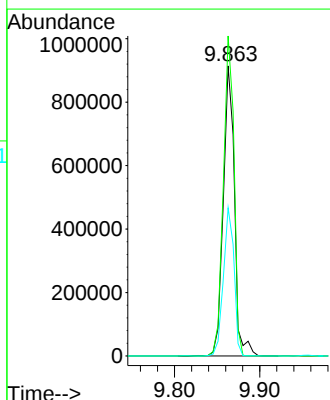
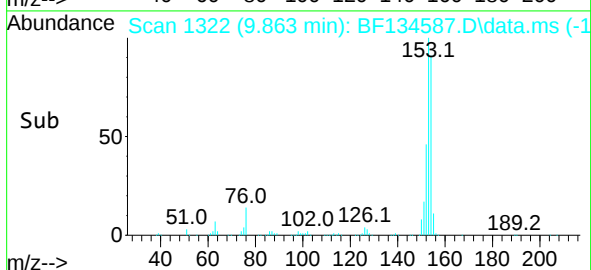
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

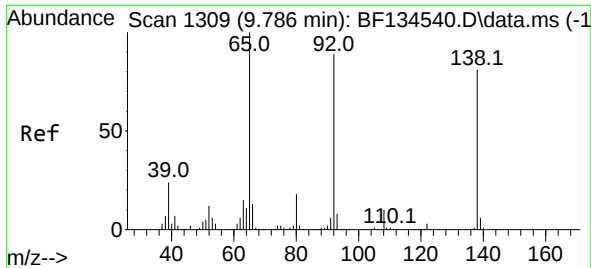


#52
Acenaphthene
Concen: 43.879 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion:154 Resp: 831202
Ion Ratio Lower Upper
154 100
153 110.3 90.0 135.0
152 51.1 42.4 63.6





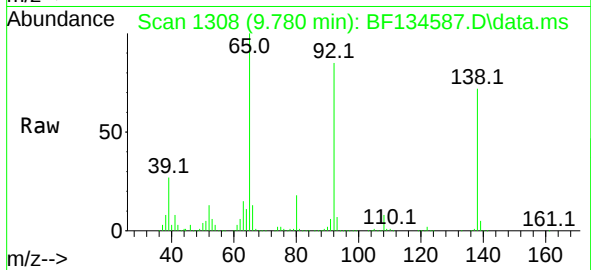
#53
3-Nitroaniline
Concen: 39.513 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

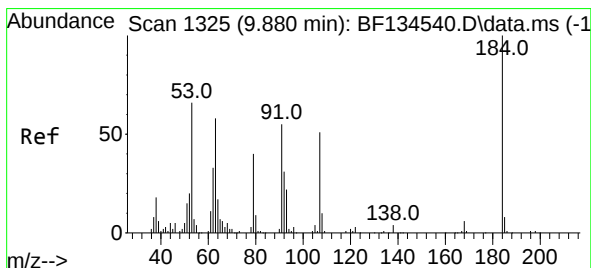
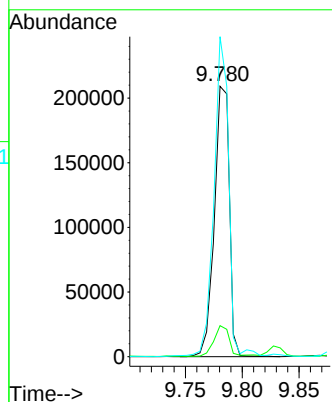
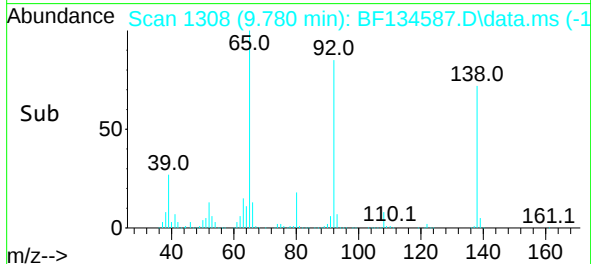


Tgt Ion:138 Resp: 191572
Ion Ratio Lower Upper
138 100
108 11.5 9.3 13.9
92 118.4 86.6 129.8

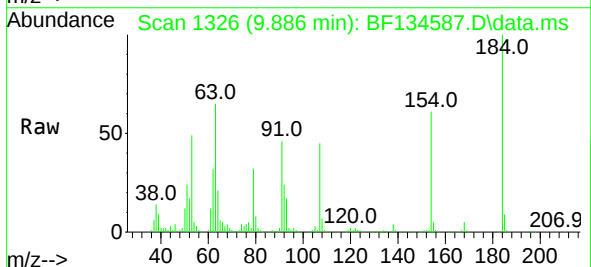
Manual Integrations

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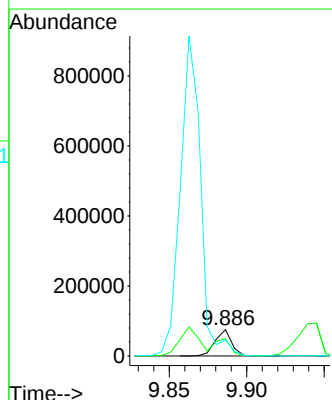
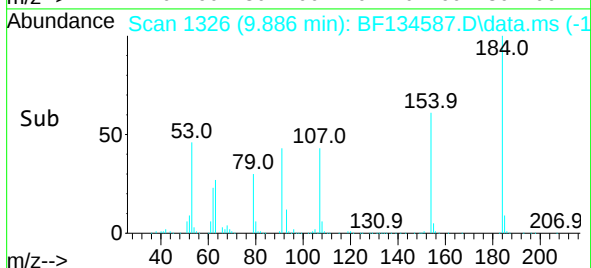
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

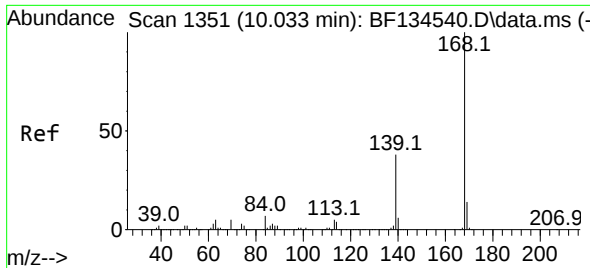


#54
2,4-Dinitrophenol
Concen: 41.329 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



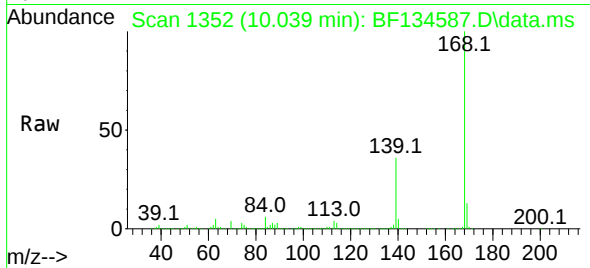
Tgt Ion:184 Resp: 55600
Ion Ratio Lower Upper
184 100
63 65.3 57.1 85.7
154 61.3 59.1 88.7





#55
Dibenzenofuran
Concen: 42.625 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

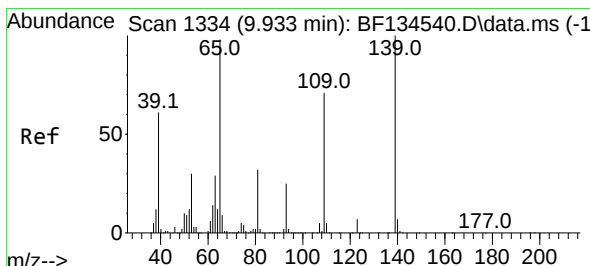
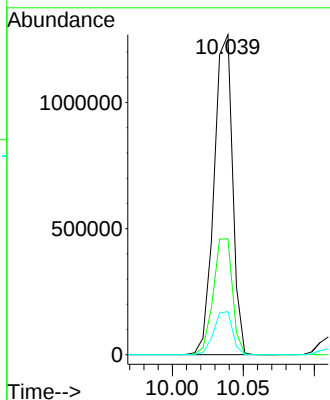
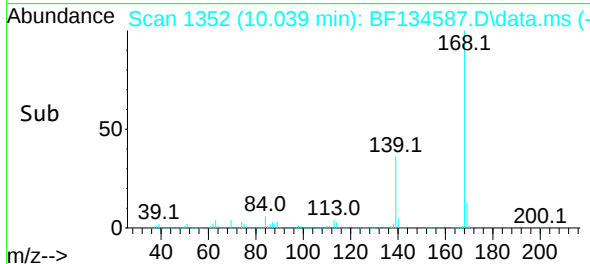
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:168 Resp: 1149452
Ion Ratio Lower Upper
168 100
139 36.2 33.4 50.2
169 13.5 10.6 15.8

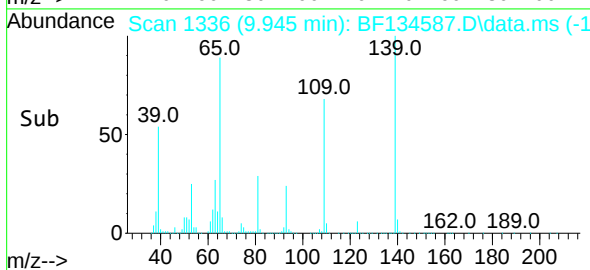
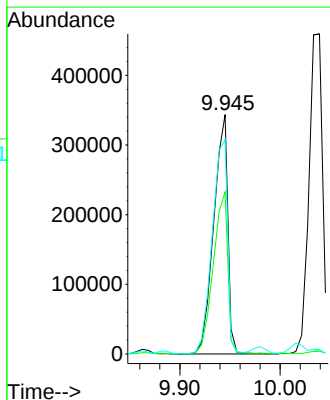
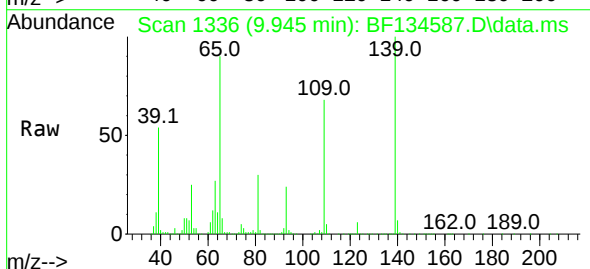
Manual Integrations
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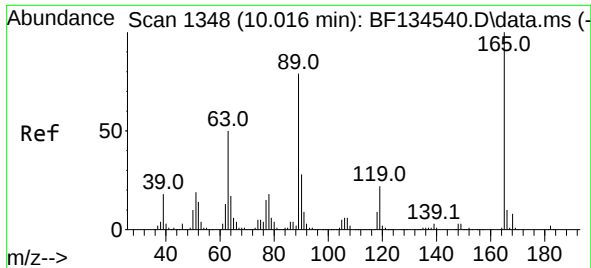
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#56
4-Nitrophenol
Concen: 84.662 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

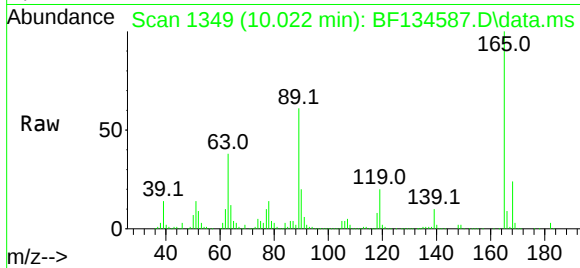
Tgt Ion:139 Resp: 335710
Ion Ratio Lower Upper
139 100
109 67.7 76.9 116.9#
65 89.6 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 47.545 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

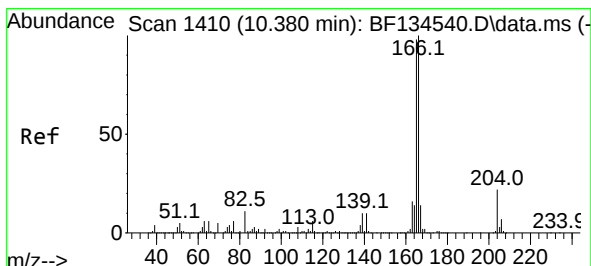
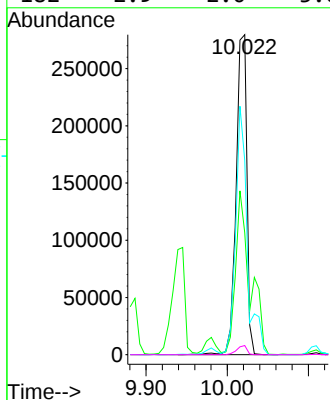
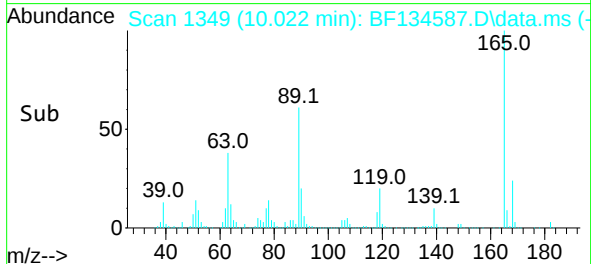
Instrument :
BNA_F
ClientSampleId :
342MS



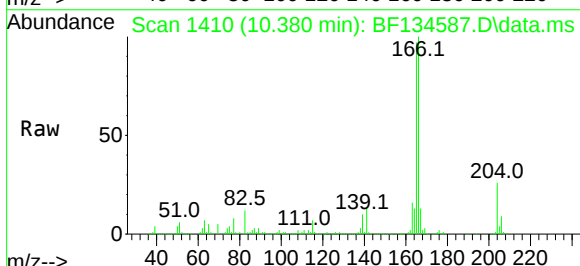
Tgt Ion:165 Resp: 255782
Ion Ratio Lower Upper
165 100
63 38.0 48.9 73.3
89 60.6 61.7 92.5
182 2.9 2.0 3.0

Manual Integrations
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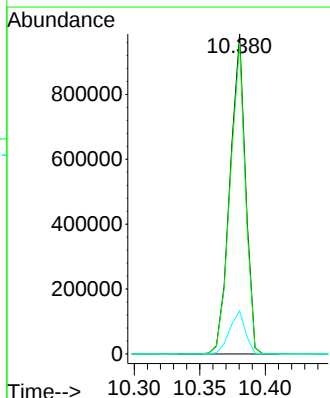
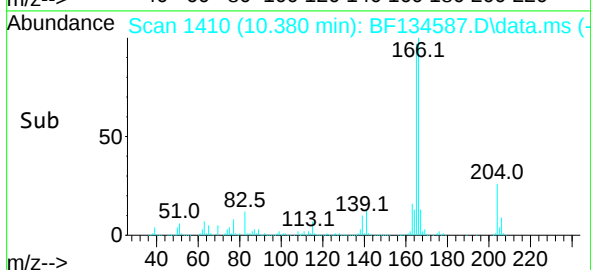
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

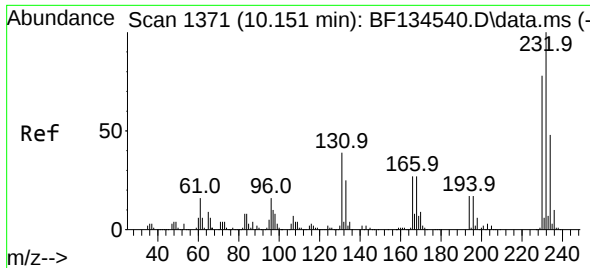


#58
Fluorene
Concen: 41.230 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



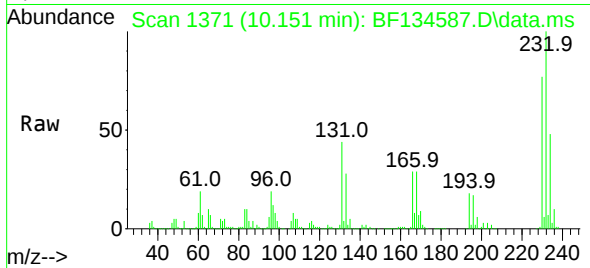
Tgt Ion:166 Resp: 809839
Ion Ratio Lower Upper
166 100
165 97.1 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.682 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

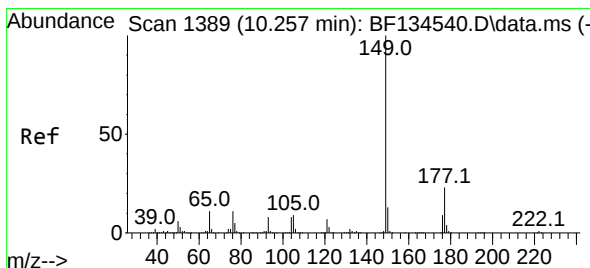
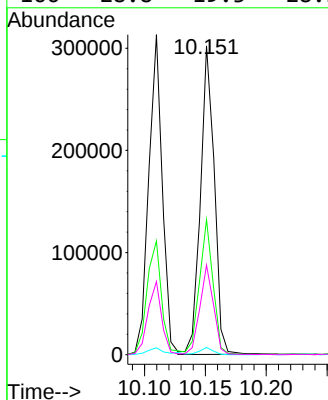
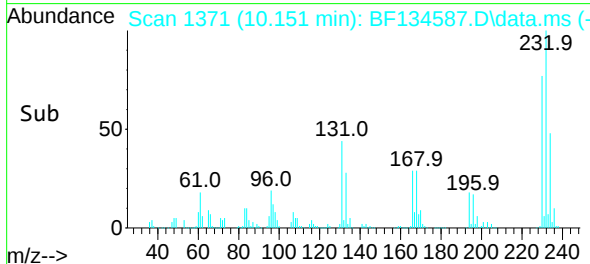
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:232 Resp: 239891
Ion Ratio Lower Upper
232 100
131 42.7 33.4 50.0
130 2.3 1.8 2.6
166 28.8 19.3 28.9

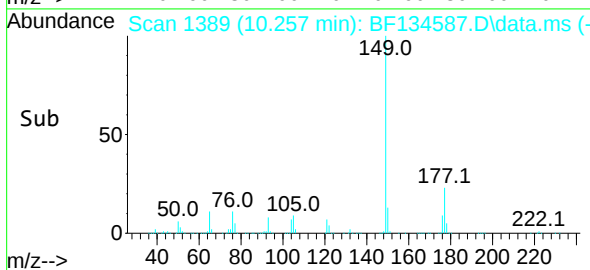
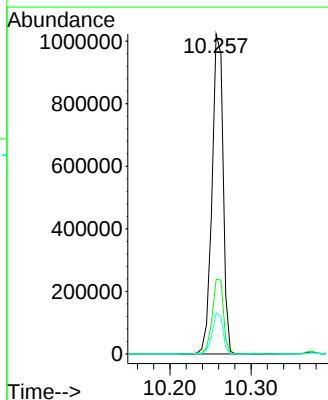
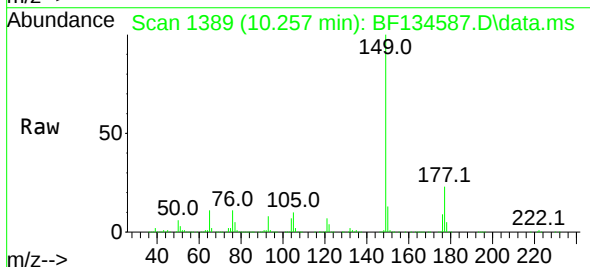
Manual Integrations
APPROVED

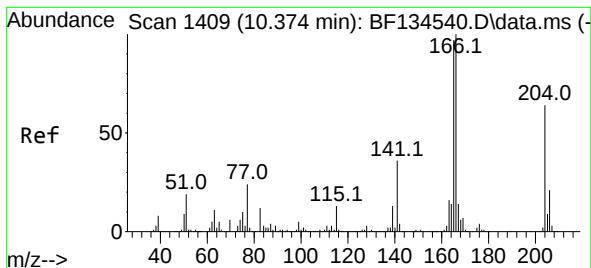
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#60
Diethylphthalate
Concen: 46.804 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

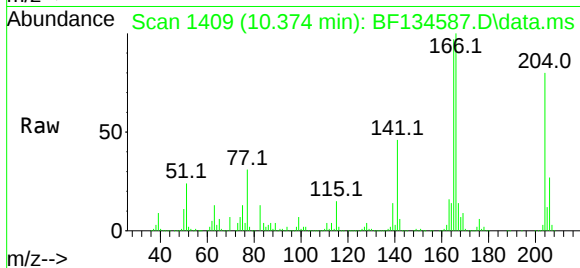
Tgt Ion:149 Resp: 964994
Ion Ratio Lower Upper
149 100
177 23.4 17.0 25.4
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.888 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

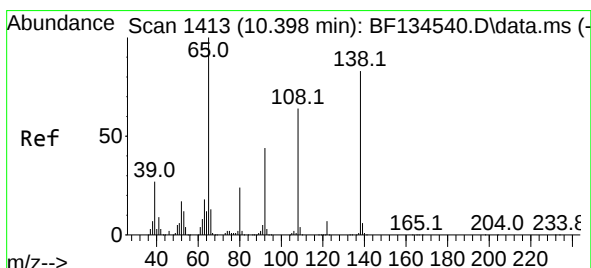
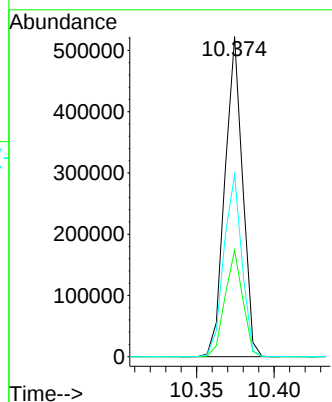
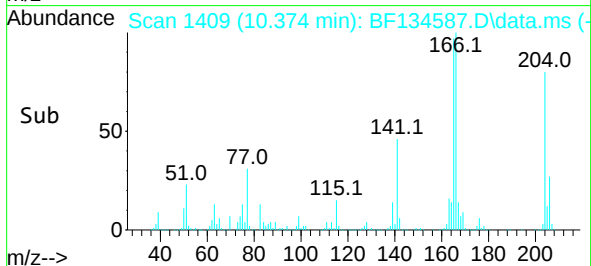
Instrument :
BNA_F
ClientSampleId :
342MS



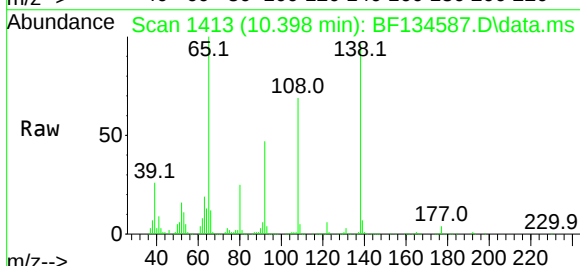
Tgt Ion:204 Resp: 414063
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 56.9 52.2 78.4

Manual Integrations
APPROVED

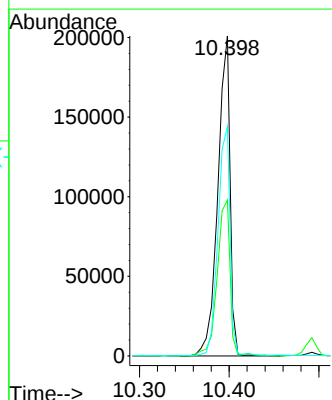
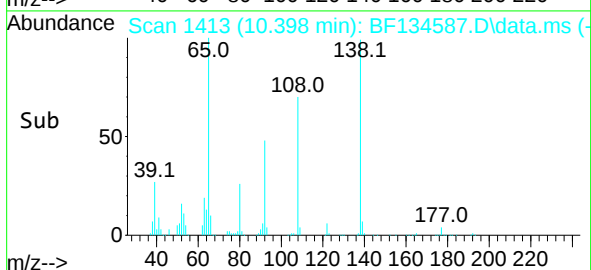
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

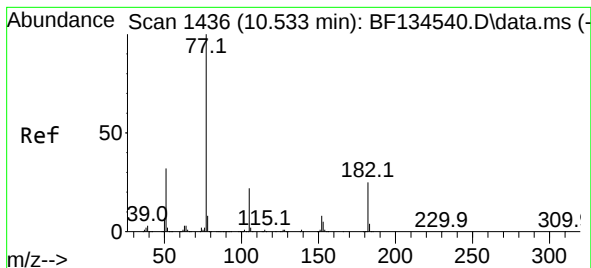


#62
4-Nitroaniline
Concen: 40.041 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



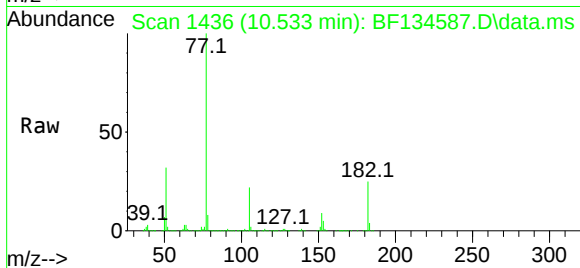
Tgt Ion:138 Resp: 190279
Ion Ratio Lower Upper
138 100
92 48.8 27.0 67.0
108 71.7 70.4 110.4





#63
Azobenzene
Concen: 40.649 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

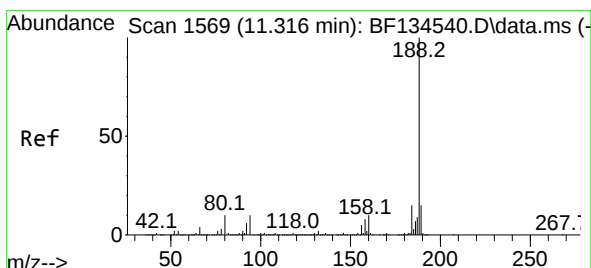
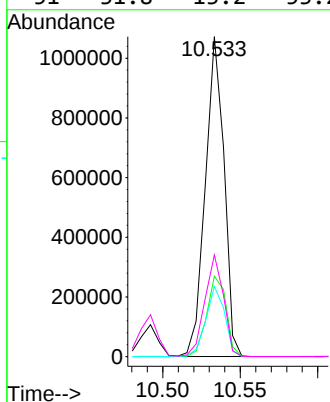
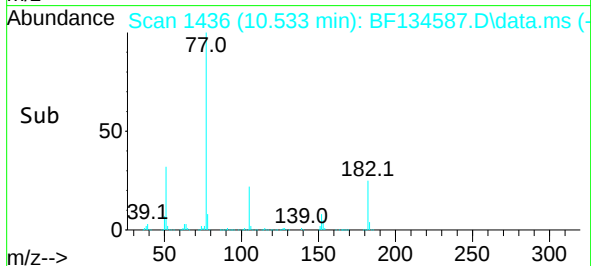
Instrument :
BNA_F
ClientSampleId :
342MS



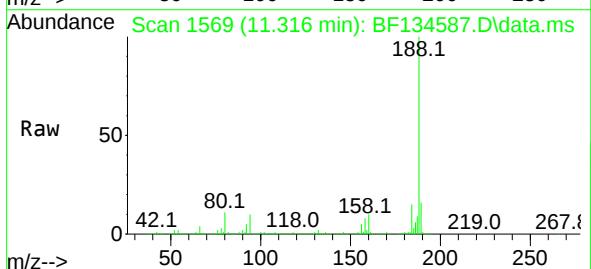
Tgt Ion: 77 Resp: 900465
Ion Ratio Lower Upper
77 100
182 25.2 7.5 47.5
105 22.0 1.9 41.9
51 31.8 13.2 53.2

Manual Integrations
APPROVED

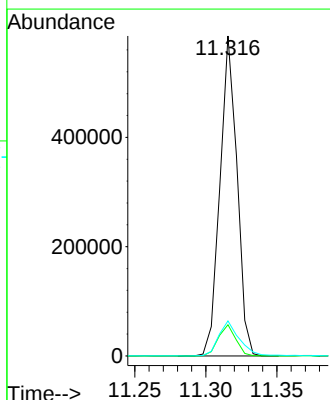
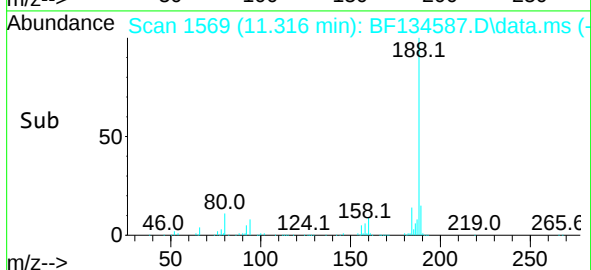
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

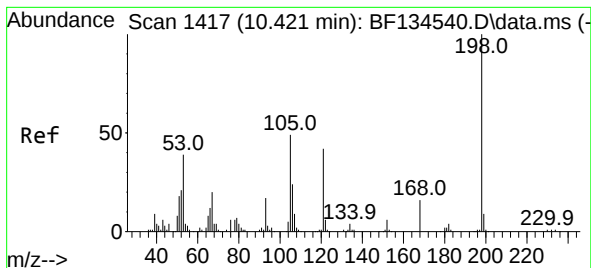


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



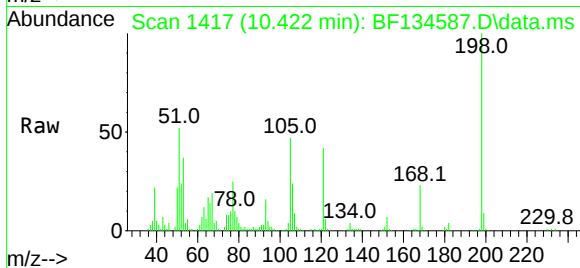
Tgt Ion:188 Resp: 488797
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 11.0 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 26.865 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.001 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

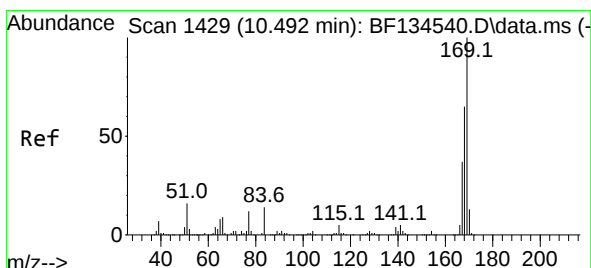
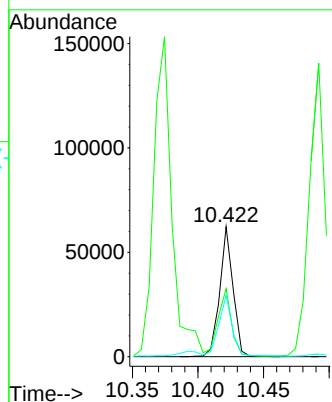
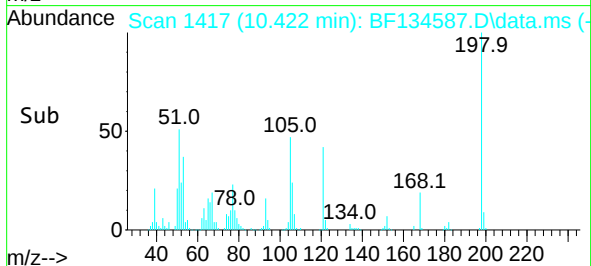
Instrument :
BNA_F
ClientSampleId :
342MS



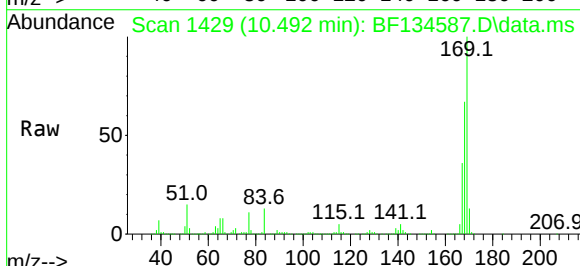
Tgt Ion:198 Resp: 4383
Ion Ratio Lower Upper
198 100
51 52.4 38.6 78.6
105 47.2 27.9 67.9

Manual Integrations
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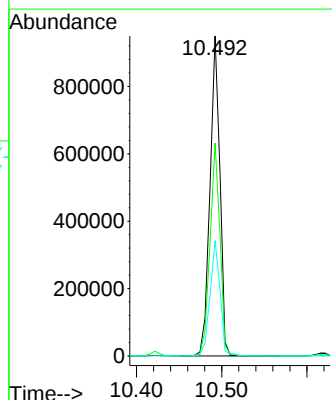
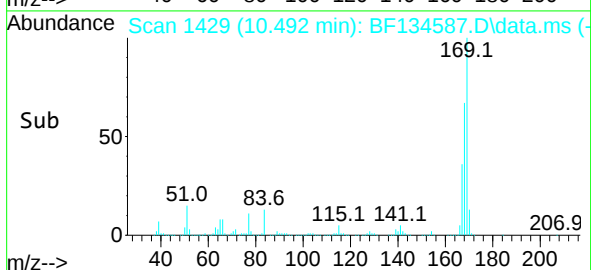
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

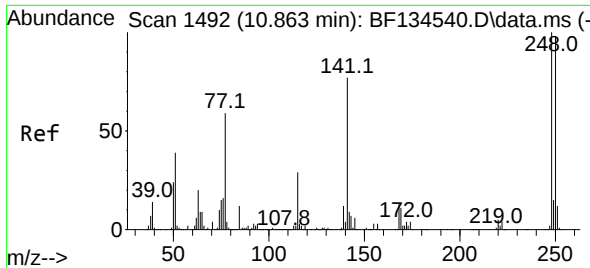


#66
n-Nitrosodiphenylamine
Concen: 49.075 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



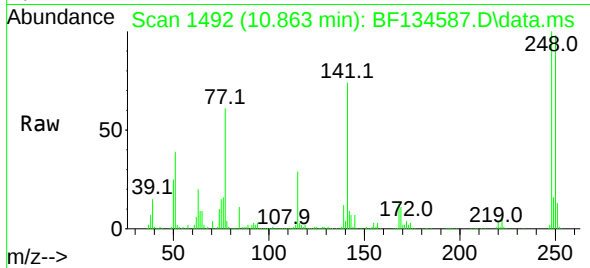
Tgt Ion:169 Resp: 763515
Ion Ratio Lower Upper
169 100
168 66.6 52.6 78.8
167 36.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 49.884 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

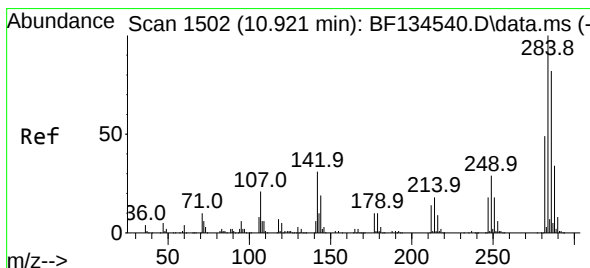
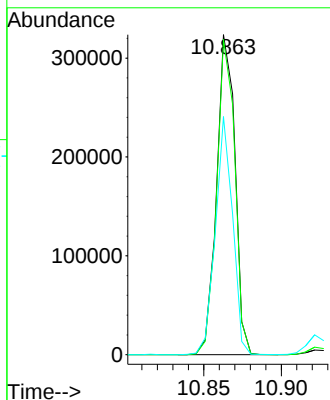
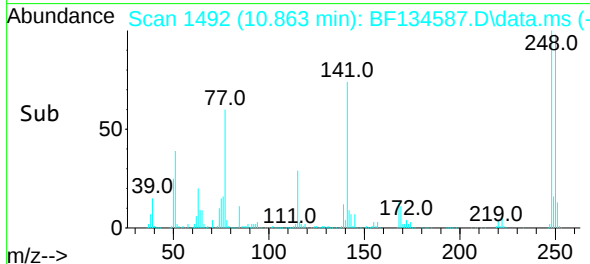
Instrument :
BNA_F
ClientSampleId :
342MS



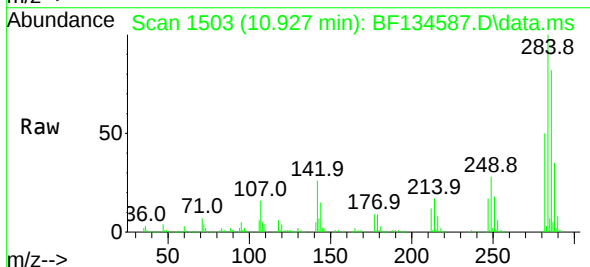
Tgt Ion:248 Resp: 26692
Ion Ratio Lower Upper
248 100
250 98.5 79.6 119.4
141 74.4 59.6 89.4

Manual Integrations
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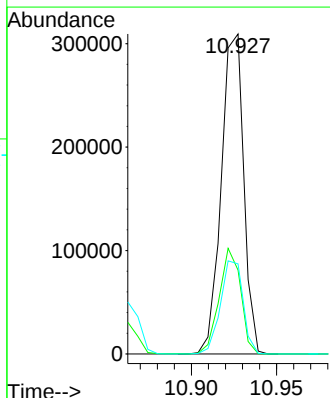
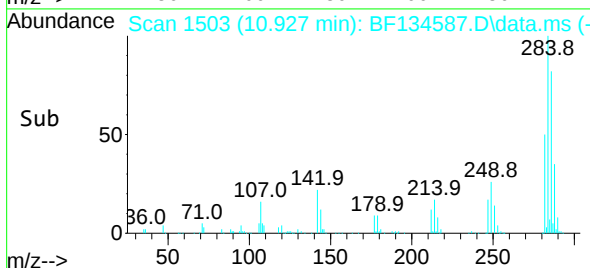
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

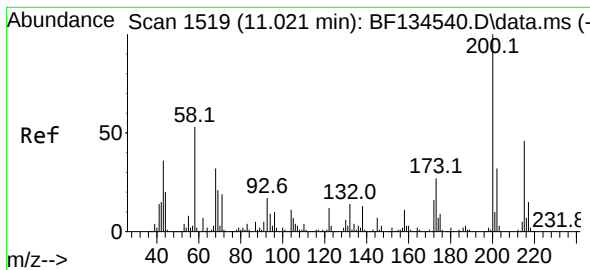


#68
Hexachlorobenzene
Concen: 50.236 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



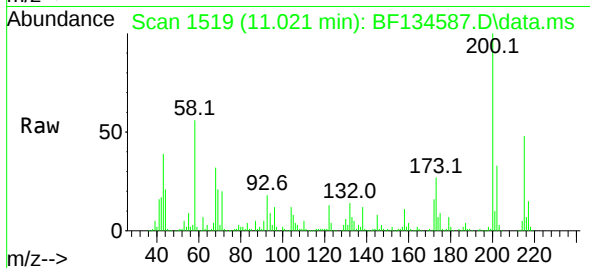
Tgt Ion:284 Resp: 283852
Ion Ratio Lower Upper
284 100
142 26.2 26.5 39.7#
249 28.2 23.8 35.8





#69
 Atrazine
 Concen: 58.626 ng
 RT: 11.021 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BF134587.D
 Acq: 02 Aug 2023 19:05

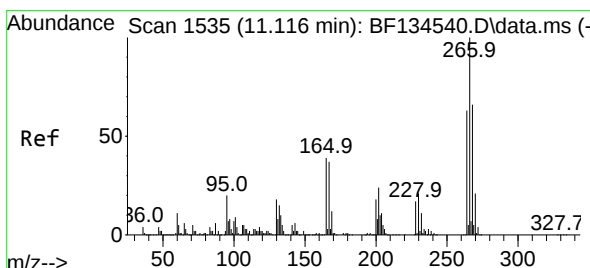
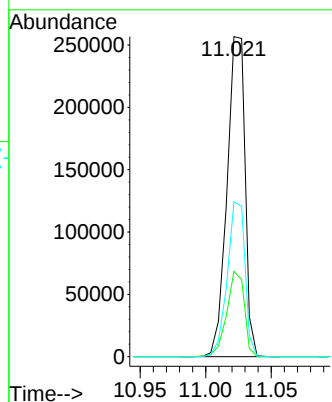
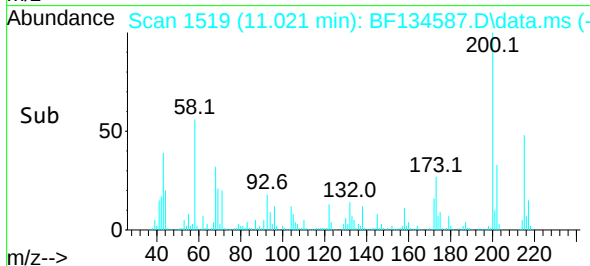
Instrument :
 BNA_F
 ClientSampleId :
 342MS



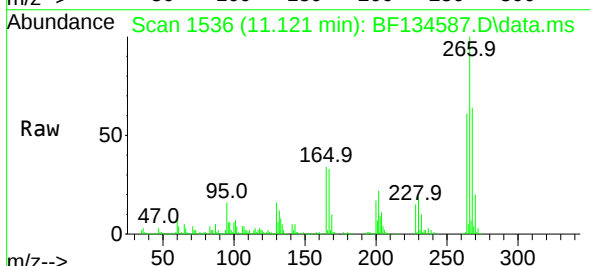
Tgt Ion:200 Resp: 24584
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.1 46.1
 215 48.4 29.7 69.7

Manual Integrations
 APPROVED

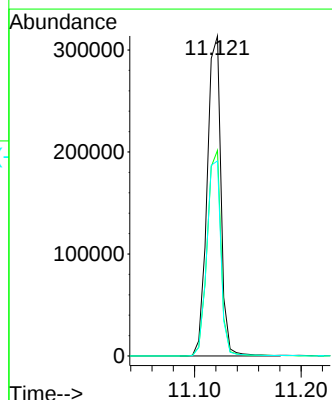
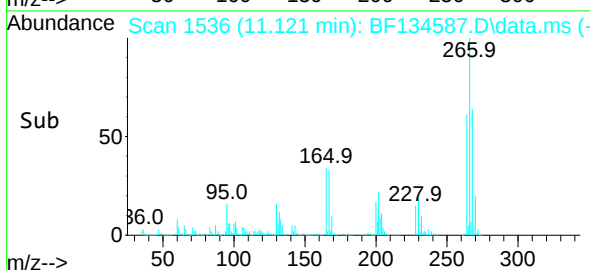
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

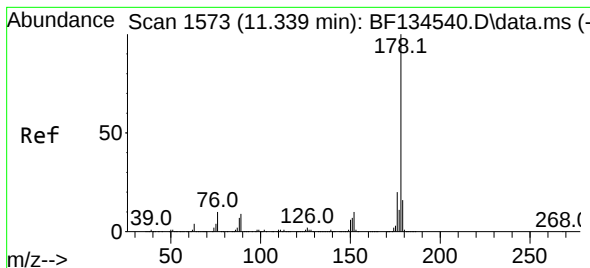


#70
 Pentachlorophenol
 Concen: 80.971 ng
 RT: 11.121 min Scan# 1536
 Delta R.T. 0.006 min
 Lab File: BF134587.D
 Acq: 02 Aug 2023 19:05



Tgt Ion:266 Resp: 283275
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.9 79.3
 264 60.9 47.8 71.6





#71

Phenanthrene

Concen: 47.127 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion:178 Resp: 122355

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

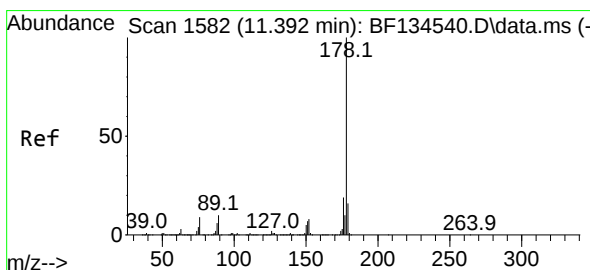
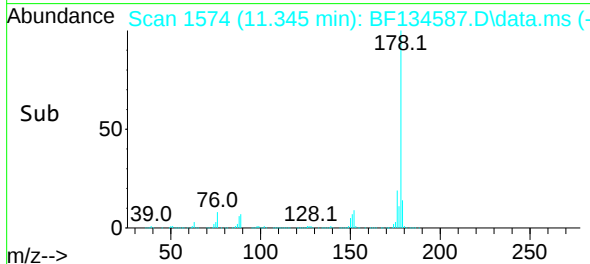
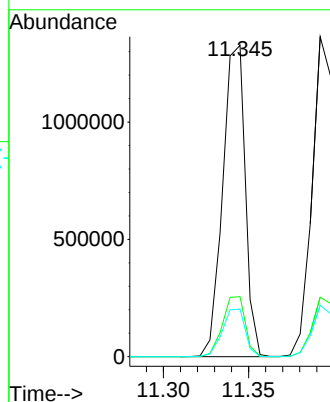
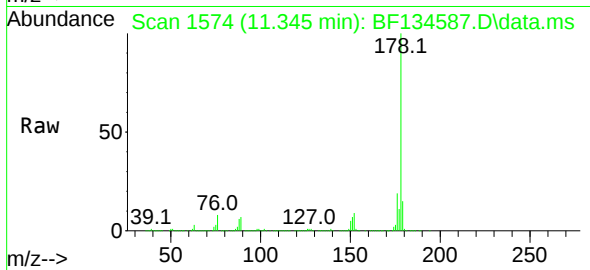
179 15.3 12.7 19.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#72

Anthracene

Concen: 44.989 ng

RT: 11.392 min Scan# 1582

Delta R.T. 0.000 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

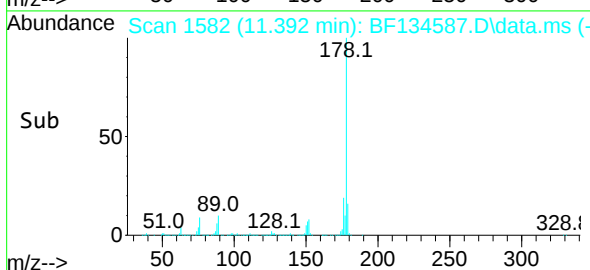
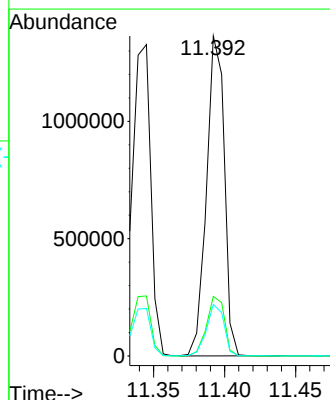
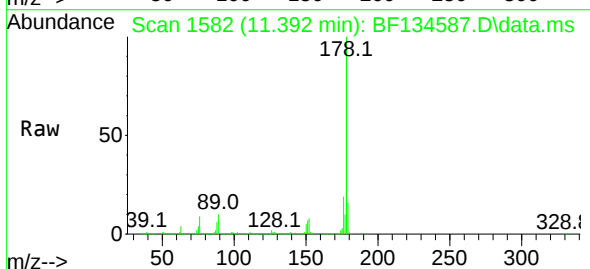
Tgt Ion:178 Resp: 1193093

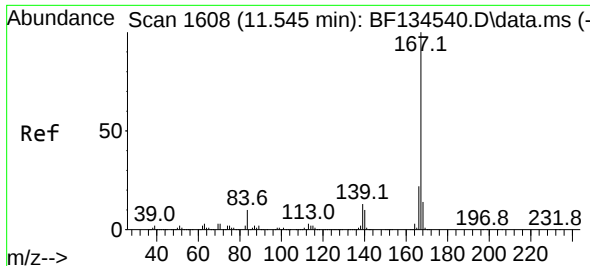
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

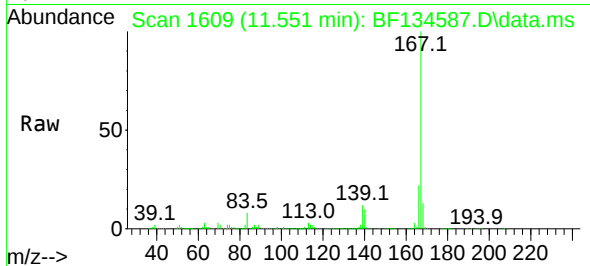
179 16.1 12.3 18.5





#73
 Carbazole
 Concen: 43.880 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF134587.D
 Acq: 02 Aug 2023 19:05

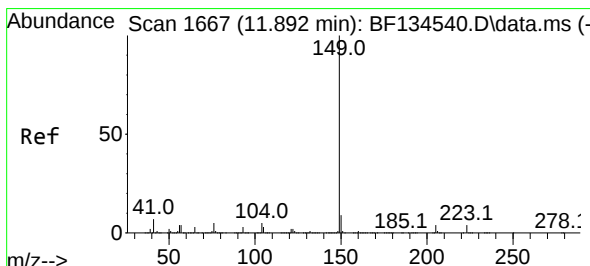
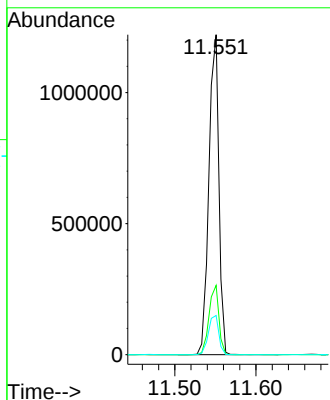
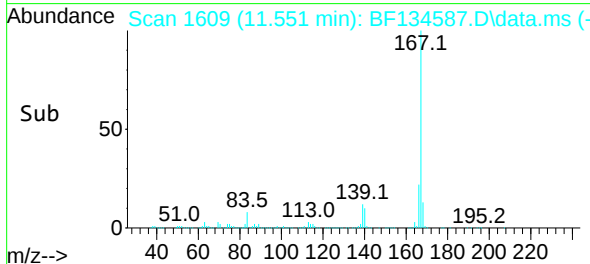
Instrument :
 BNA_F
 ClientSampleId :
 342MS



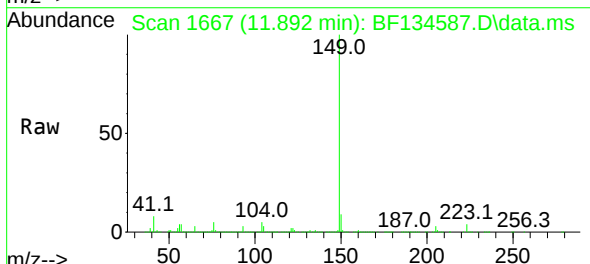
Tgt Ion:167 Resp: 1039010
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 12.2 11.0 16.4

Manual Integrations
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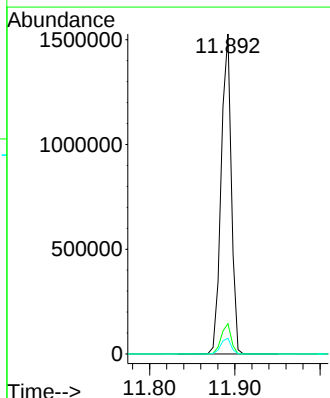
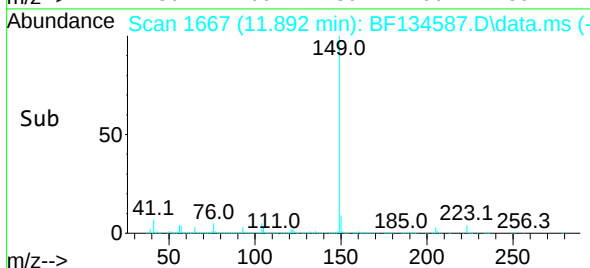
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

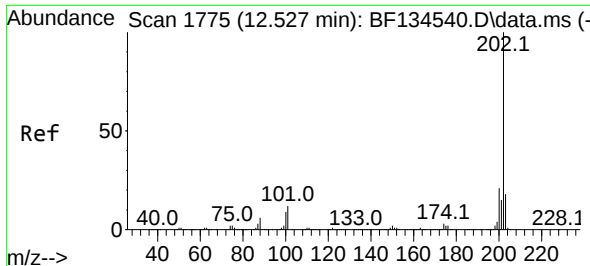


#74
 Di-n-butylphthalate
 Concen: 50.316 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF134587.D
 Acq: 02 Aug 2023 19:05



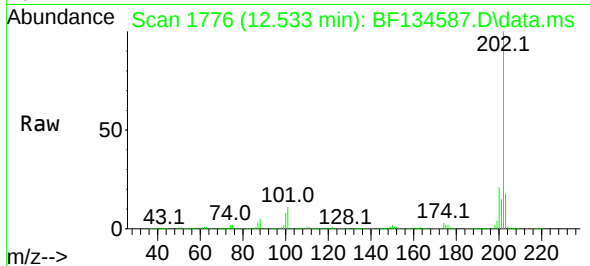
Tgt Ion:149 Resp: 1265770
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 4.9 3.8 5.8





#75
Fluoranthene
Concen: 46.962 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

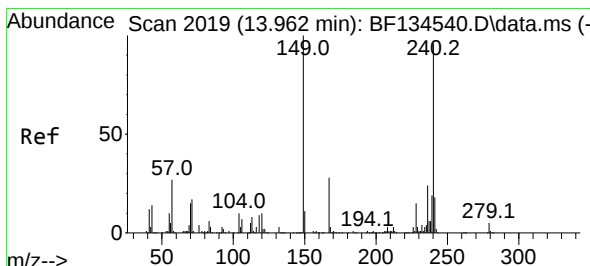
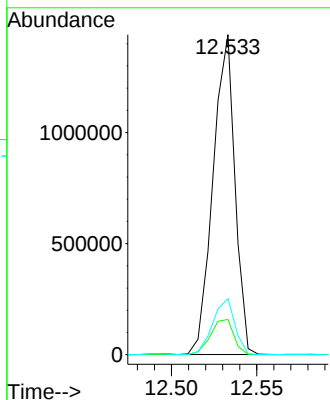
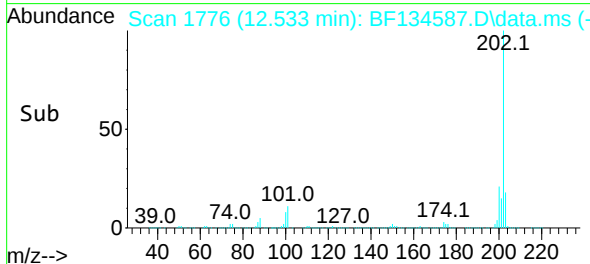
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:202 Resp: 128794
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.5
203 17.5 0.0 37.5

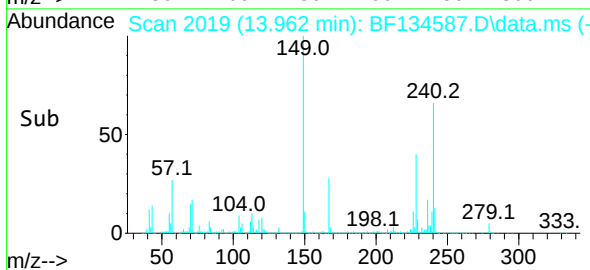
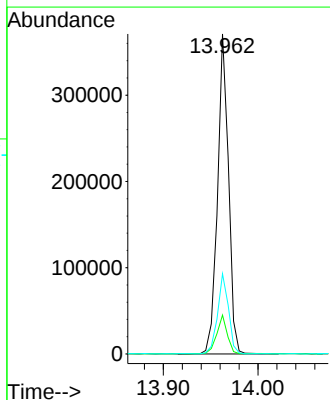
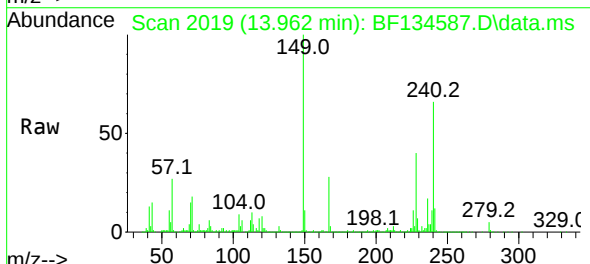
Manual Integrations
APPROVED

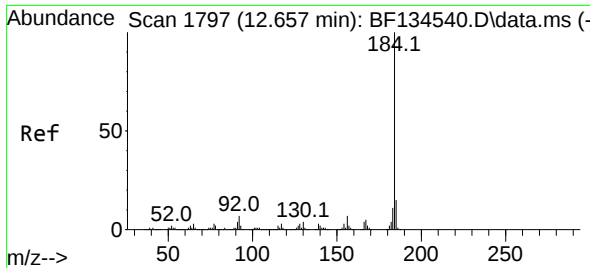
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

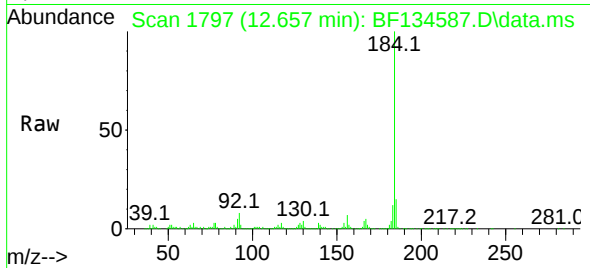
Tgt Ion:240 Resp: 298424
Ion Ratio Lower Upper
240 100
120 12.1 6.6 10.0#
236 25.1 20.2 30.2





#77
Benzidine
Concen: 73.292 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

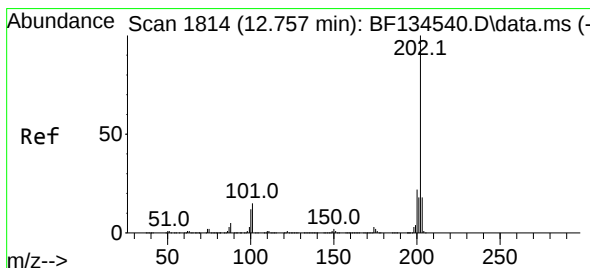
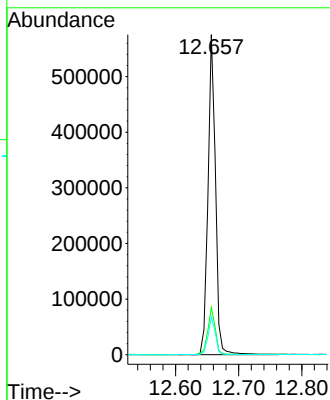
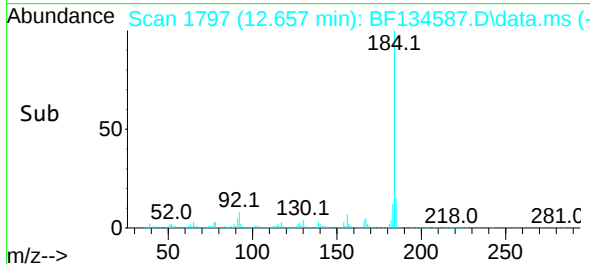
Instrument :
BNA_F
ClientSampleId :
342MS



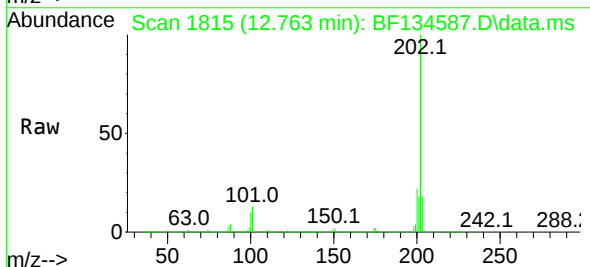
Tgt Ion:184 Resp: 474794
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 11.9 8.6 13.0

Manual Integrations
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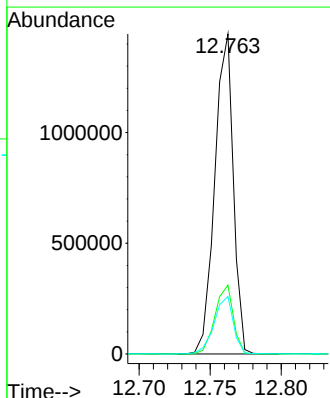
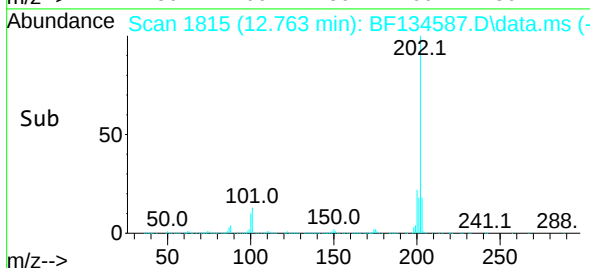
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

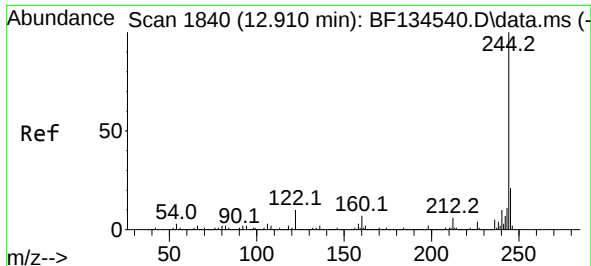


#78
Pyrene
Concen: 50.693 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05



Tgt Ion:202 Resp: 1309054
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.0 13.5 20.3





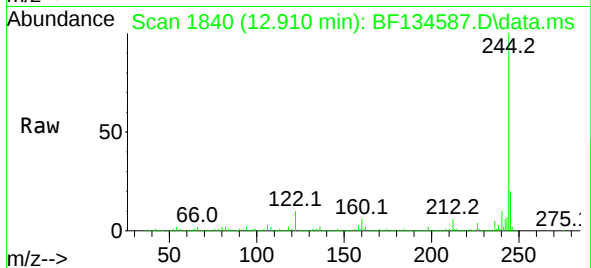
#79
 Terphenyl-d14
 Concen: 69.195 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134587.D
 Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

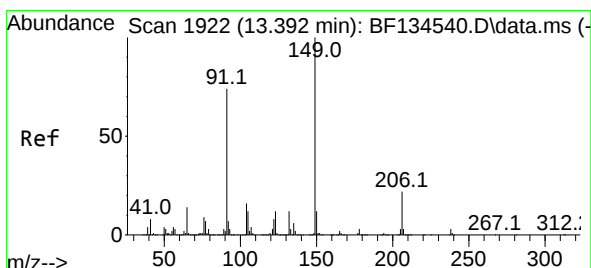
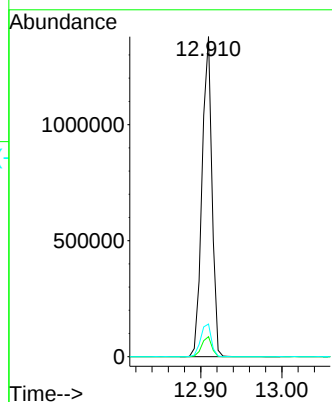
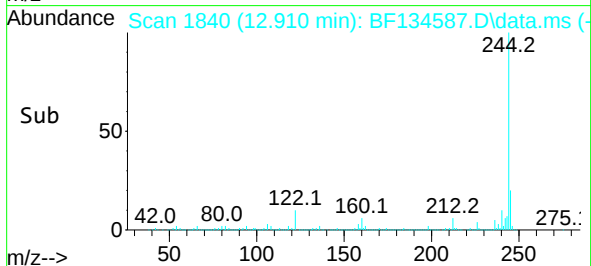


Tgt Ion:244 Resp: 1171368
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.2 8.0 12.0

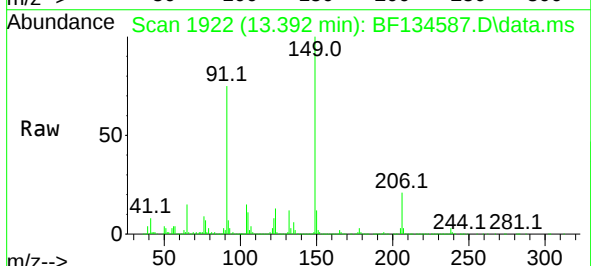
Manual Integrations

APPROVED

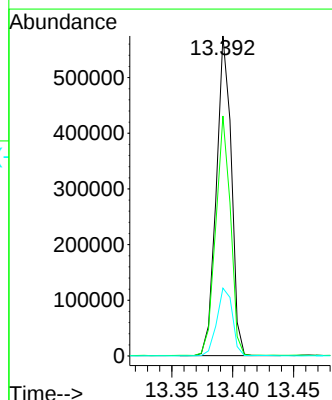
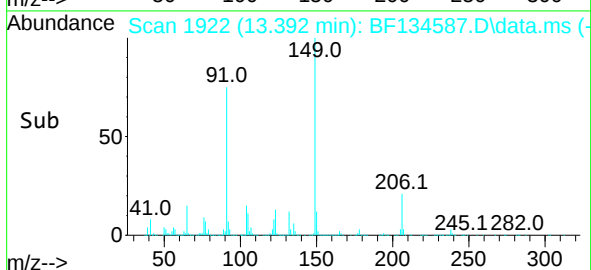
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

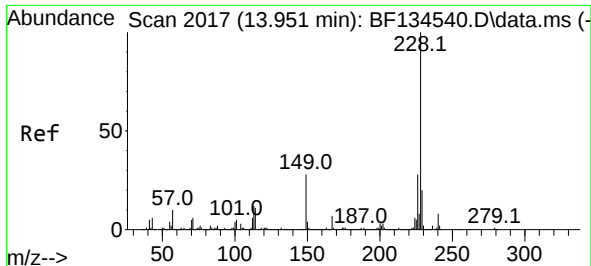


#80
 Butylbenzylphthalate
 Concen: 56.411 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF134587.D
 Acq: 02 Aug 2023 19:05



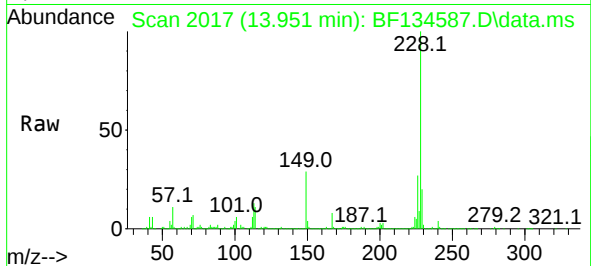
Tgt Ion:149 Resp: 492577
 Ion Ratio Lower Upper
 149 100
 91 75.0 55.8 83.6
 206 21.2 14.6 21.8





#81
Benzo(a)anthracene
Concen: 47.010 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

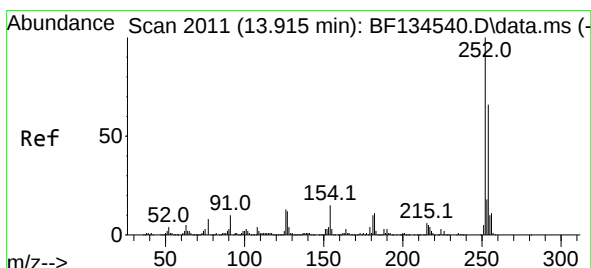
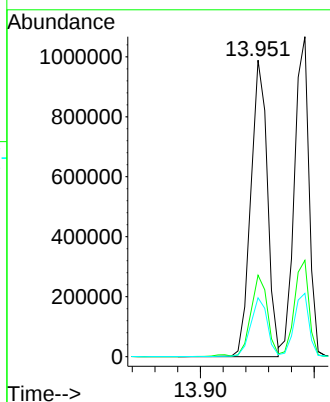
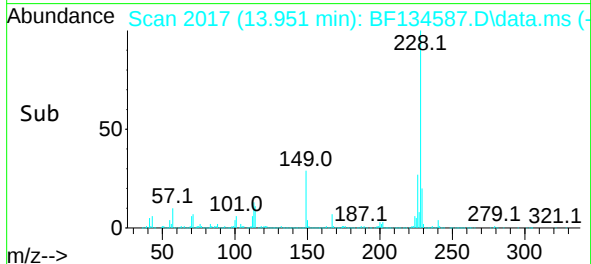
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:228 Resp: 100312
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 15.8 23.6

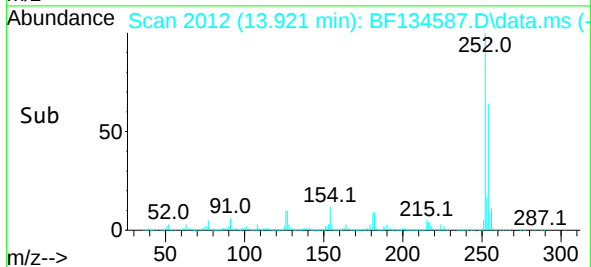
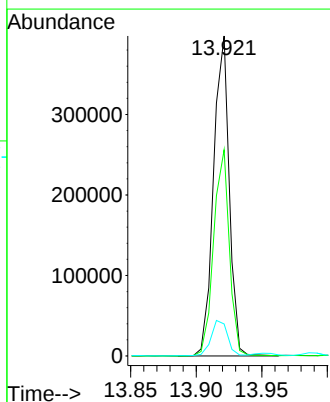
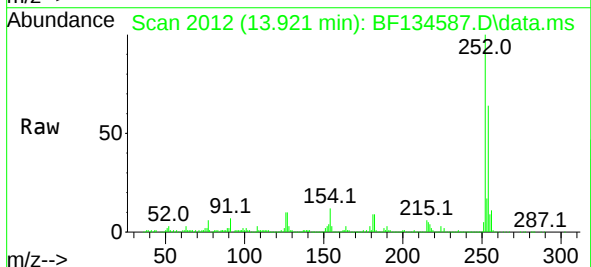
Manual Integrations
APPROVED

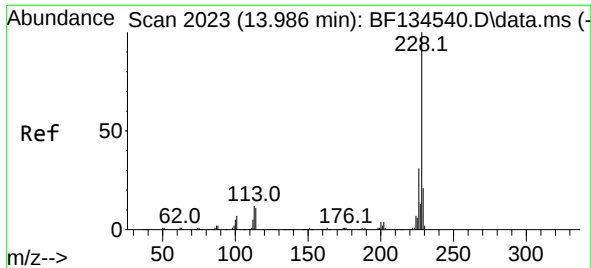
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 53.521 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

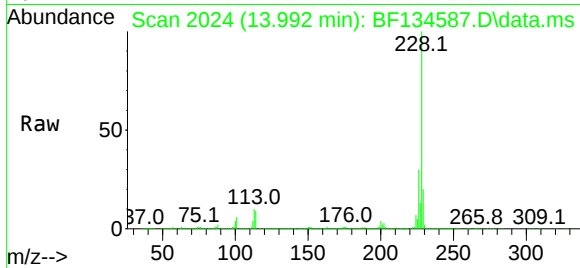
Tgt Ion:252 Resp: 331044
Ion Ratio Lower Upper
252 100
254 64.4 52.7 79.1
126 10.0 7.2 10.8





#83
Chrysene
Concen: 45.583 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

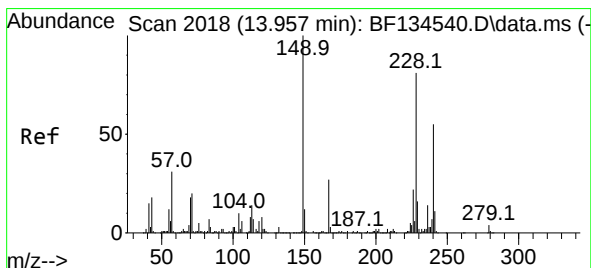
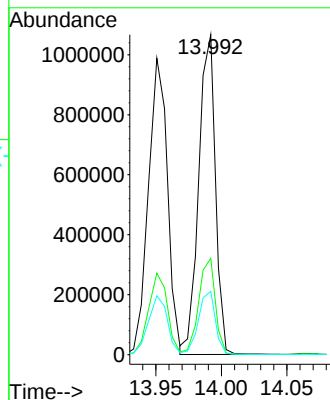
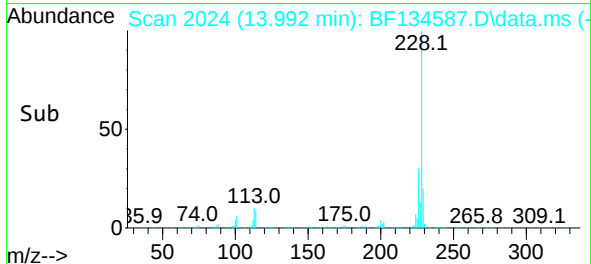
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:228 Resp: 94764
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 19.8 15.8 23.8

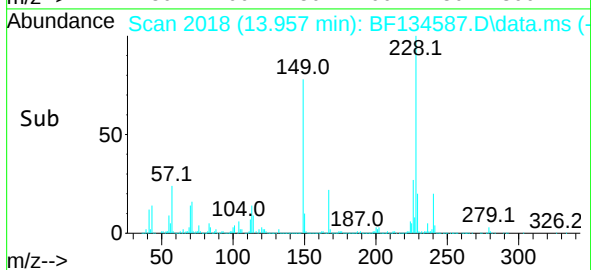
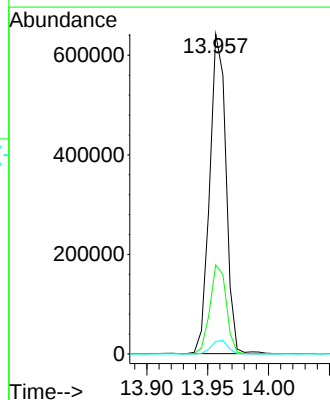
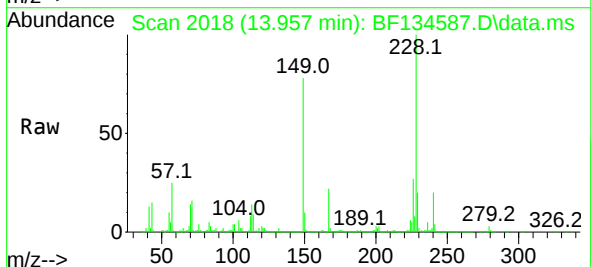
Manual Integrations
APPROVED

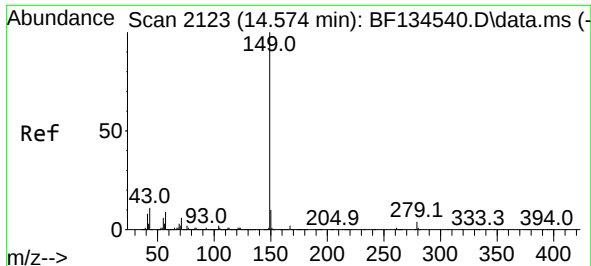
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.985 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

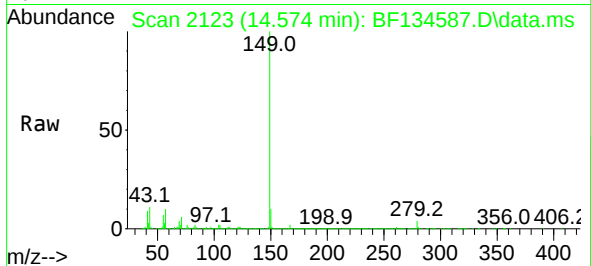
Tgt Ion:149 Resp: 595846
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 3.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 69.619 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

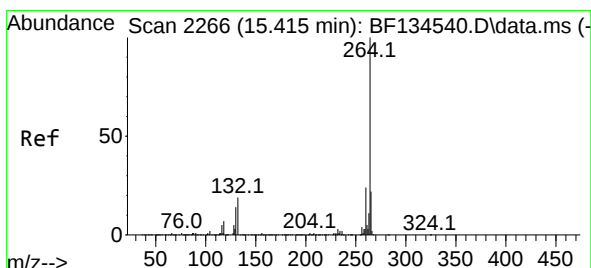
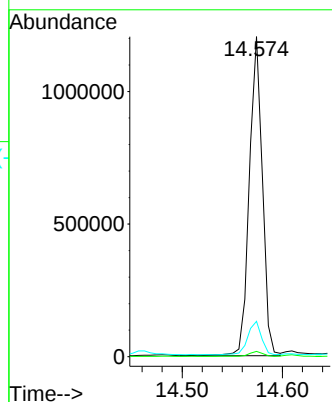
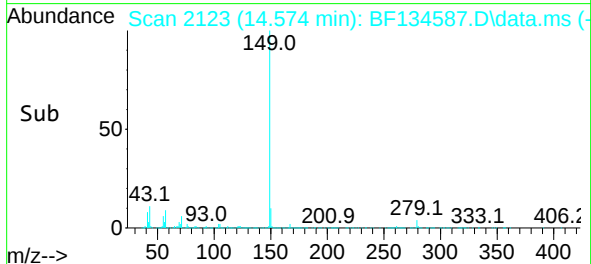
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:149 Resp: 108788
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.0 8.1 12.1

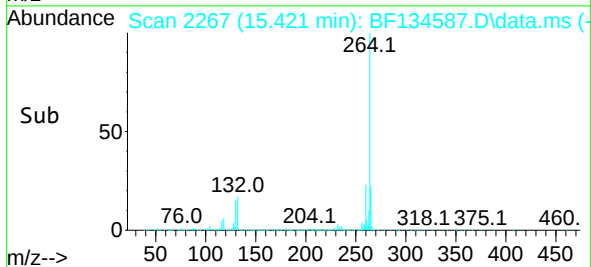
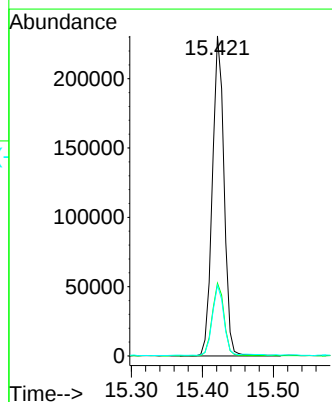
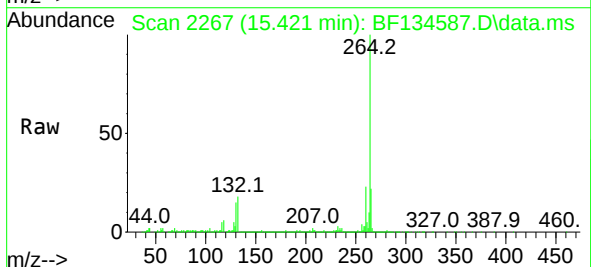
Manual Integrations
APPROVED

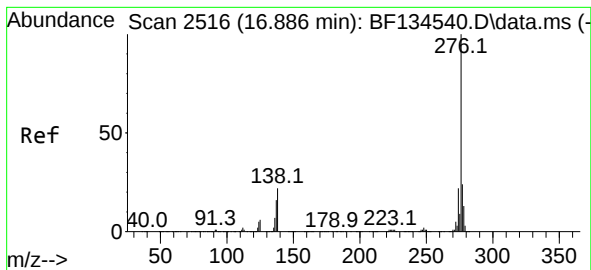
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion:264 Resp: 264649
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 22.1 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.584 ng

RT: 16.898 min Scan# 2119

Delta R.T. 0.012 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

Instrument :

BNA_F

ClientSampleId :

342MS

Tgt Ion:276 Resp: 74062

Ion Ratio Lower Upper

276 100

138 25.6 14.2 21.4

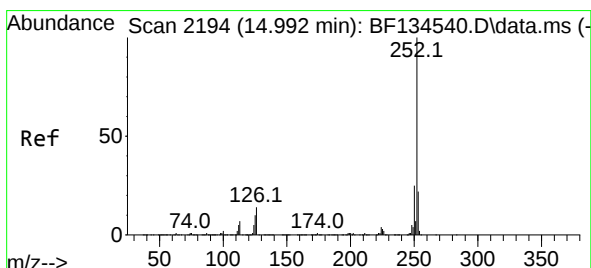
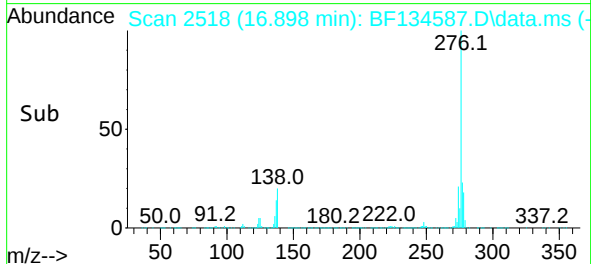
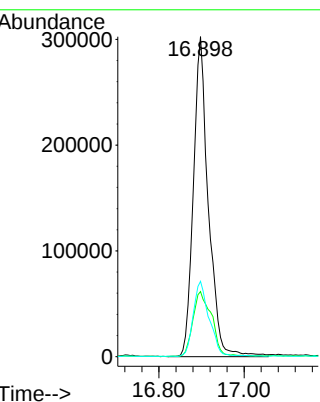
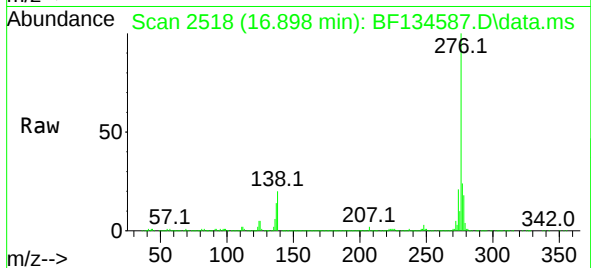
277 25.1 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#88

Benzo(b)fluoranthene

Concen: 49.182 ng

RT: 14.998 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF134587.D

Acq: 02 Aug 2023 19:05

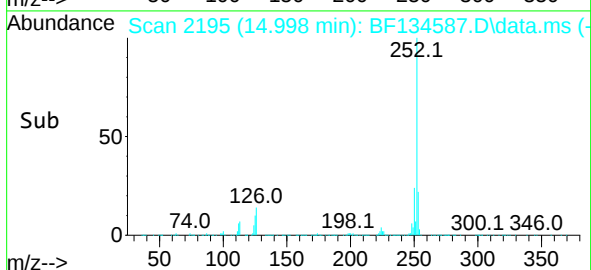
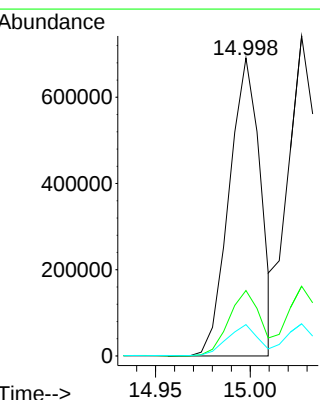
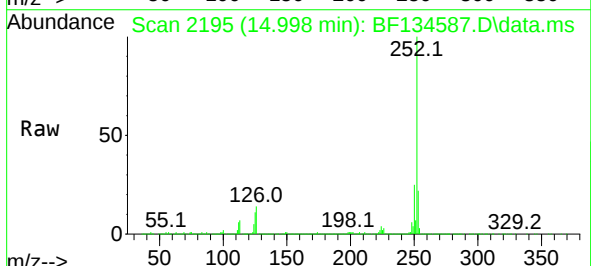
Tgt Ion:252 Resp: 793834

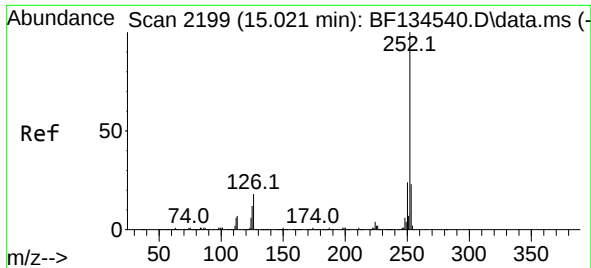
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

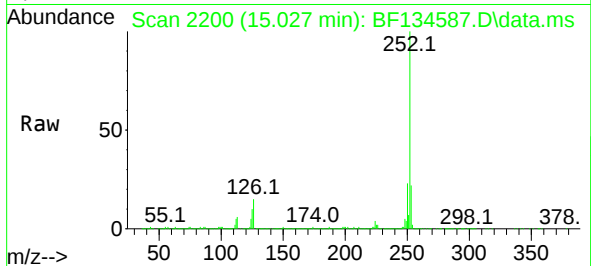
125 10.5 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 47.391 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

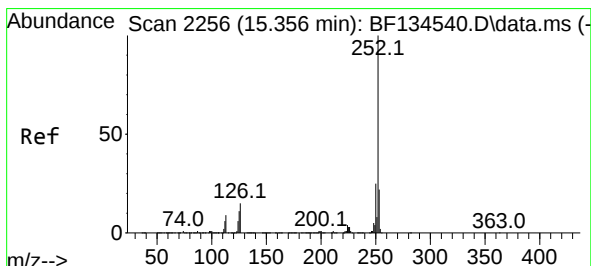
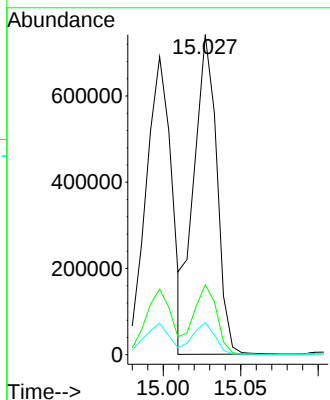
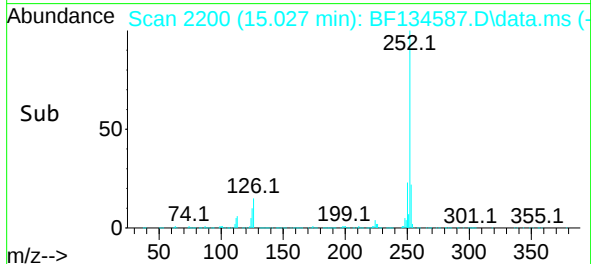
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:252 Resp: 76199
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.0 6.3 9.5

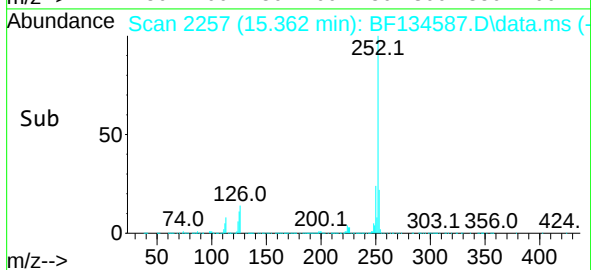
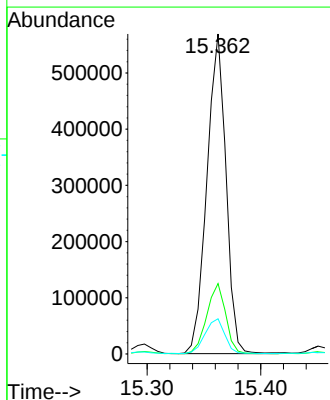
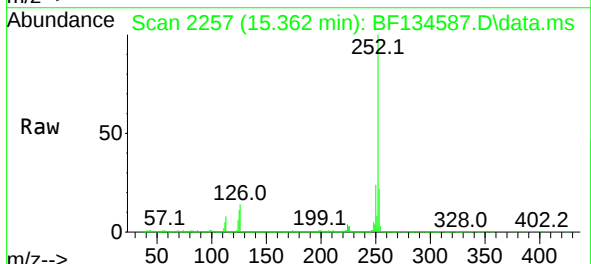
Manual Integrations
APPROVED

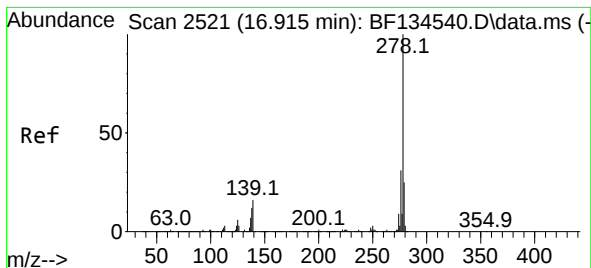
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#90
Benzo(a)pyrene
Concen: 44.082 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

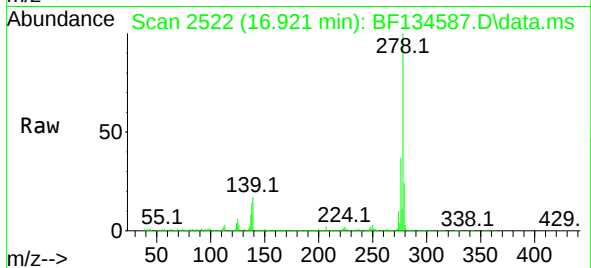
Tgt Ion:252 Resp: 663396
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 11.0 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 47.484 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

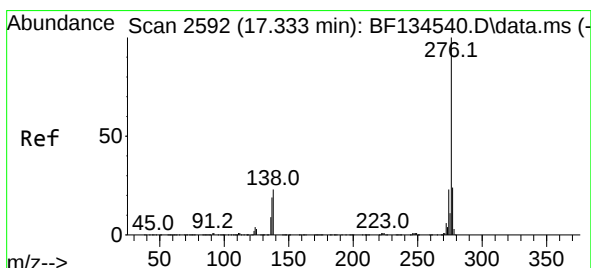
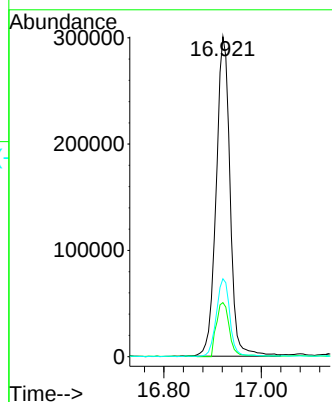
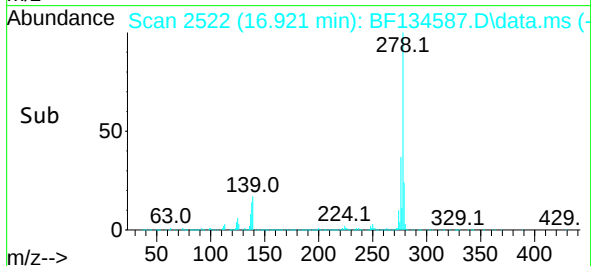
Instrument :
BNA_F
ClientSampleId :
342MS



Tgt Ion:278 Resp: 59728
Ion Ratio Lower Upper
278 100
139 16.9 10.0 15.0
279 24.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#92
Benzo(g,h,i)perylene
Concen: 43.904 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF134587.D
Acq: 02 Aug 2023 19:05

Tgt Ion:276 Resp: 563338
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 22.2 12.2 18.2#

