

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134588.D
 Acq On : 02 Aug 2023 19:37
 Operator : CG\JU
 Sample : 03842-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342MSD

Quant Time: Aug 03 01:49:59 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	181777	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	701536	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	312627	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	481026	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	295202	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	261683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1019640	85.267	ng	0.01
7) Phenol-d6	6.434	99	1320572	86.389	ng	0.00
23) Nitrobenzene-d5	7.357	82	774541	68.996	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	268547	84.265	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1336001	71.055	ng	0.00
79) Terphenyl-d14	12.910	244	1194840	71.353	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	224838	40.865	ng	96
3) Pyridine	3.351	79	572373	38.391	ng	90
4) n-Nitrosodimethylamine	3.310	42	321566	45.141	ng	# 65
6) Aniline	6.463	93	586988	29.276	ng	92
8) 2-Chlorophenol	6.581	128	615811	51.050	ng	96
9) Benzaldehyde	6.351	77	323993	47.217	ng	95
10) Phenol	6.445	94	726968m	48.259	ng	
11) bis(2-Chloroethyl)ether	6.539	93	573692	47.941	ng	93
12) 1,3-Dichlorobenzene	6.739	146	607988	48.714	ng	94
13) 1,4-Dichlorobenzene	6.816	146	613367	49.036	ng	97
14) 1,2-Dichlorobenzene	6.963	146	593401	50.916	ng	96
15) Benzyl Alcohol	6.939	79	511129	48.469	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	898094	47.904	ng	89
17) 2-Methylphenol	7.051	107	478269	44.867	ng	92
18) Hexachloroethane	7.304	117	201544	45.909	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	398183	43.506	ng	# 90
20) 3+4-Methylphenols	7.204	107	551322	42.886	ng	# 83
22) Acetophenone	7.210	105	732044	45.200	ng	# 85
24) Nitrobenzene	7.381	77	612141	50.474	ng	92
25) Isophorone	7.616	82	1117231	45.630	ng	99
26) 2-Nitrophenol	7.692	139	271809	52.202	ng	# 89
27) 2,4-Dimethylphenol	7.733	122	491304	44.971	ng	83
28) bis(2-Chloroethoxy)met...	7.828	93	694927	47.446	ng	99
29) 2,4-Dichlorophenol	7.933	162	467724	47.171	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	514489	48.658	ng	98
31) Naphthalene	8.098	128	1602681	45.456	ng	98
32) Benzoic acid	7.851	122	347915	48.685	ng	91
33) 4-Chloroaniline	8.145	127	223095	14.201	ng	97
34) Hexachlorobutadiene	8.216	225	294108	48.222	ng	97
35) Caprolactam	8.516	113	149882m	46.852	ng	
36) 4-Chloro-3-methylphenol	8.628	107	470104	44.768	ng	93
37) 2-Methylnaphthalene	8.786	142	997747	42.693	ng	99
38) 1-Methylnaphthalene	8.886	142	939879	43.249	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	465223	51.174	ng	98
41) Hexachlorocyclopentadiene	8.939	237	223581	50.575	ng	93
43) 2,4,6-Trichlorophenol	9.063	196	305781	51.395	ng	98

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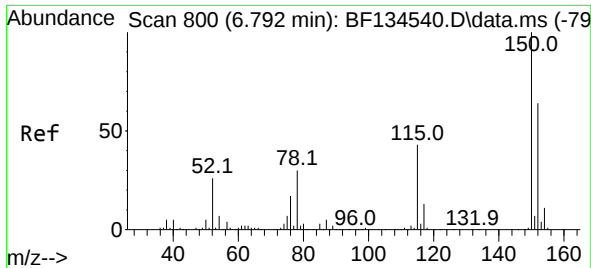
Quant Time: Aug 03 01:49:59 2023
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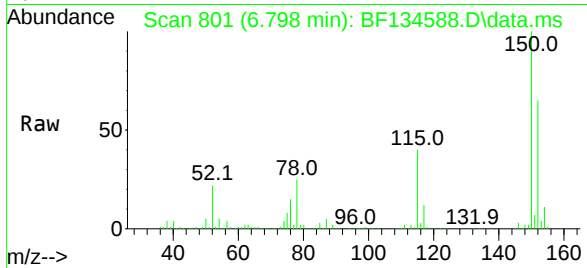
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	313716	46.135	ng	93
46) 1,1'-Biphenyl	9.257	154	1218422	50.119	ng	99
47) 2-Chloronaphthalene	9.275	162	884832	48.574	ng	98
48) 2-Nitroaniline	9.375	65	284474	49.954	ng	89
49) Acenaphthylene	9.692	152	1338484	46.745	ng	99
50) Dimethylphthalate	9.557	163	1089215	51.118	ng	98
51) 2,6-Dinitrotoluene	9.616	165	225388	51.438	ng	86
52) Acenaphthene	9.863	154	844552	45.514	ng	97
53) 3-Nitroaniline	9.780	138	195149	41.090	ng	93
54) 2,4-Dinitrophenol	9.886	184	59418	43.961	ng	88
55) Dibenzofuran	10.039	168	1179688	44.659	ng	93
56) 4-Nitrophenol	9.945	139	344175	88.606	ng	# 72
57) 2,4-Dinitrotoluene	10.022	165	264853	50.095	ng	# 79
58) Fluorene	10.380	166	818856	42.559	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	244810	45.506	ng	# 95
60) Diethylphthalate	10.257	149	977765	48.412	ng	96
61) 4-Chlorophenyl-phenyle...	10.374	204	423693	44.801	ng	93
62) 4-Nitroaniline	10.398	138	191155	41.064	ng	85
63) Azobenzene	10.533	77	913986	42.120	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	44969	27.637	ng	93
66) n-Nitrosodiphenylamine	10.492	169	787906	51.461	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	275248	52.272	ng	97
68) Hexachlorobenzene	10.927	284	284165	51.104	ng	# 90
69) Atrazine	11.027	200	247123	59.883	ng	99
70) Pentachlorophenol	11.121	266	282505	82.055	ng	98
71) Phenanthrene	11.339	178	1228748	48.092	ng	99
72) Anthracene	11.392	178	1228829	47.085	ng	99
73) Carbazole	11.551	167	1059462	45.466	ng	99
74) Di-n-butylphthalate	11.892	149	1273672	51.448	ng	99
75) Fluoranthene	12.533	202	1308900	48.498	ng	97
77) Benzidine	12.657	184	502590	78.429	ng	99
78) Pyrene	12.763	202	1317863	51.591	ng	97
80) Butylbenzylphthalate	13.392	149	500304	57.921	ng	95
81) Benzo(a)anthracene	13.951	228	1020786	48.359	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	348912	57.025	ng	97
83) Chrysene	13.992	228	969375	47.137	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	609401	59.952	ng	99
85) Di-n-octyl phthalate	14.574	149	1103745	71.404	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	750381	48.757	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	817138	51.200	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	778873	48.990	ng	# 98
90) Benzo(a)pyrene	15.362	252	682548	45.868	ng	# 97
91) Dibenzo(a,h)anthracene	16.921	278	619677	49.822	ng	# 95
92) Benzo(g,h,i)perylene	17.345	276	569825	44.913	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: BF134588.D
Acq: 02 Aug 2023 19:37

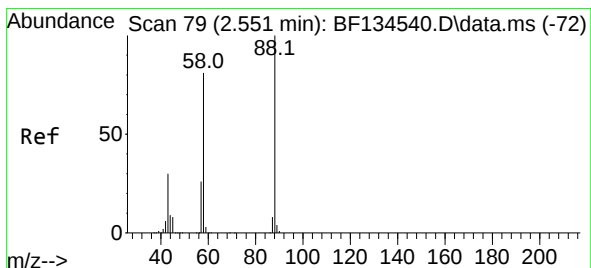
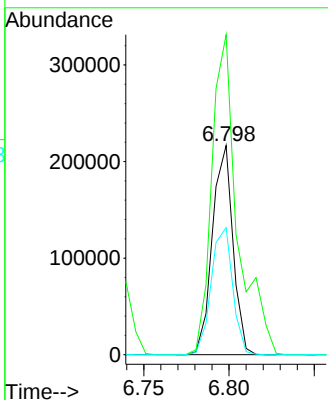
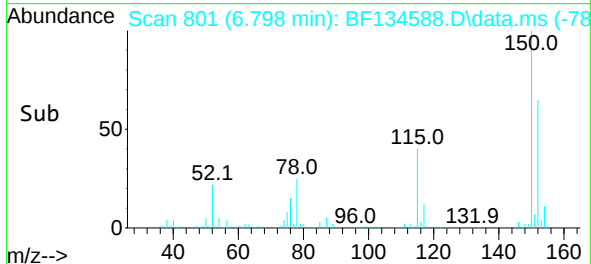
Instrument :
BNA_F
ClientSampleId :
342MSD



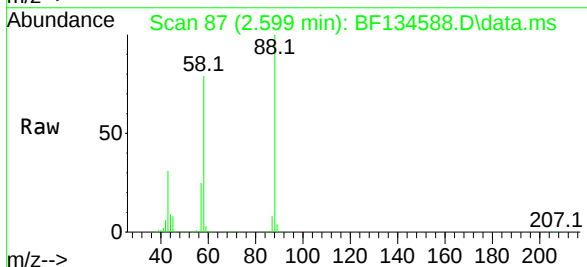
Tgt Ion:152 Resp: 18177
Ion Ratio Lower Upper
152 100
150 153.0 128.3 192.5
115 60.7 52.4 78.6

Manual Integrations
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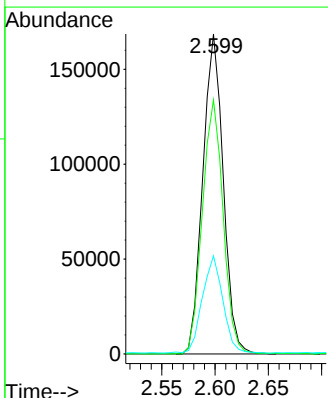
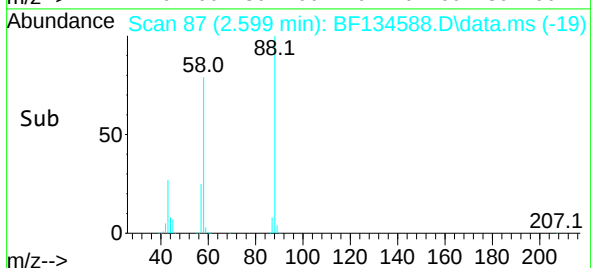
Reviewed By :Yogesh Patel 08/03/2023
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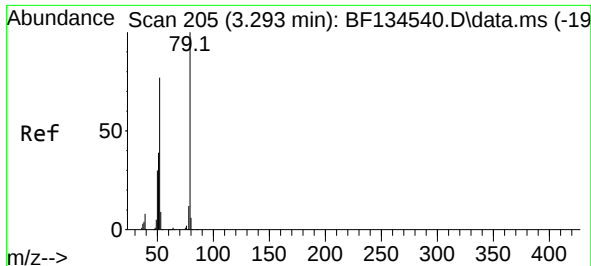


#2
1,4-Dioxane
Concen: 40.865 ng
RT: 2.599 min Scan# 87
Delta R.T. 0.047 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



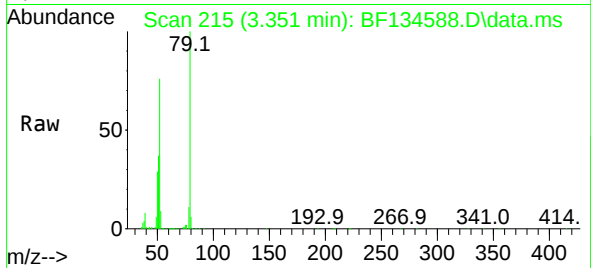
Tgt Ion: 88 Resp: 224838
Ion Ratio Lower Upper
88 100
58 81.0 65.1 97.7
43 30.5 30.3 45.5





#3
Pyridine
Concen: 38.391 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.059 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

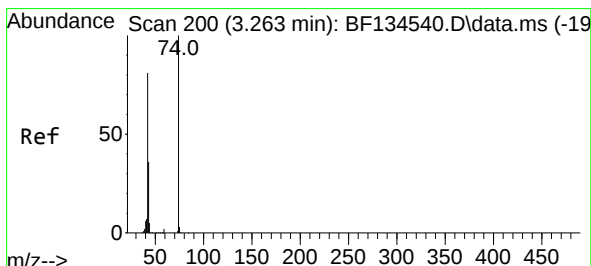
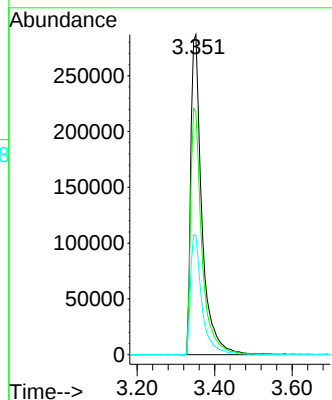
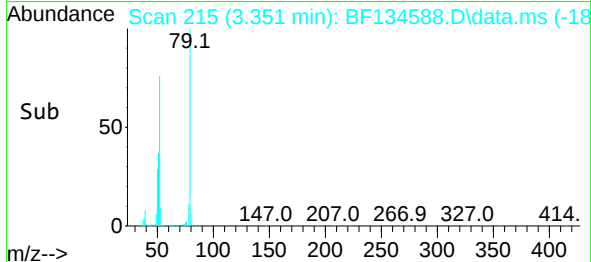
Instrument :
BNA_F
ClientSampleId :
342MSD



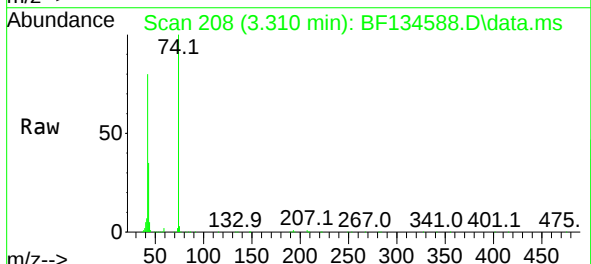
Tgt Ion: 79 Resp: 57237
Ion Ratio Lower Upper
79 100
52 76.0 66.6 100.0
51 37.3 36.5 54.7

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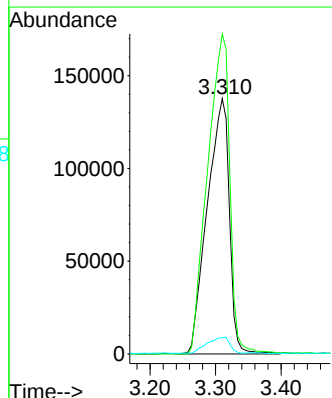
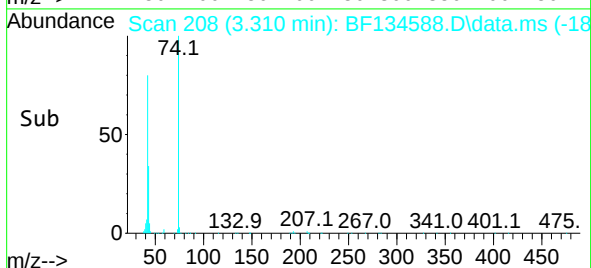
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

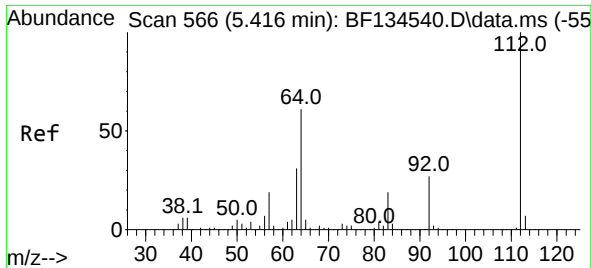


#4
n-Nitrosodimethylamine
Concen: 45.141 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.047 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



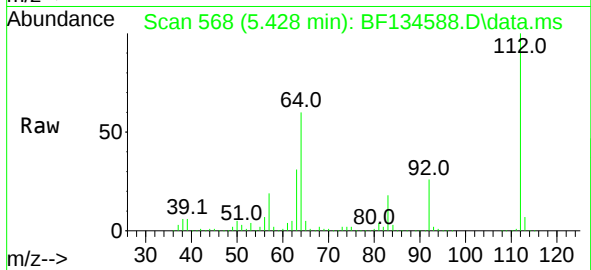
Tgt Ion: 42 Resp: 321566
Ion Ratio Lower Upper
42 100
74 125.3 72.2 108.4#
44 6.3 5.4 8.0





#5
2-Fluorophenol
Concen: 85.267 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

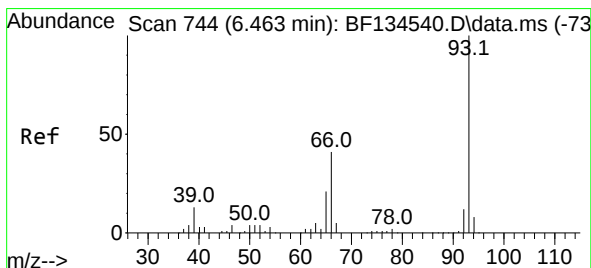
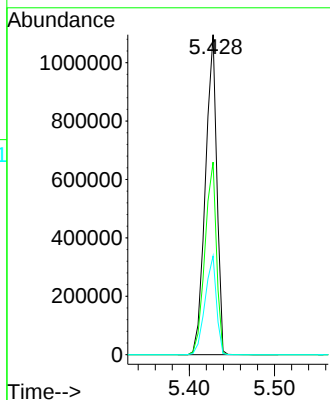
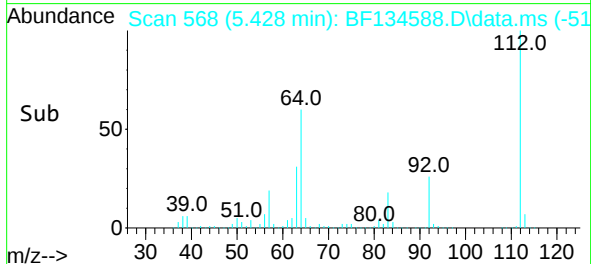
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:112 Resp: 1019640
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 30.9 25.4 38.0

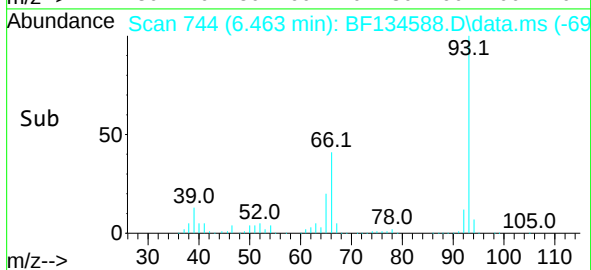
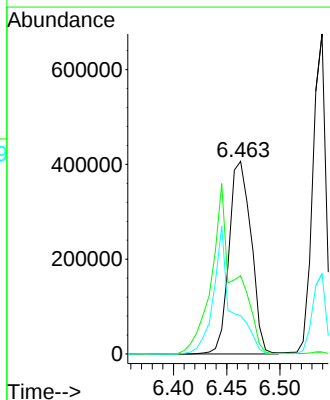
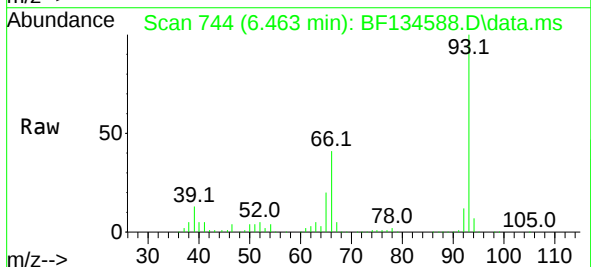
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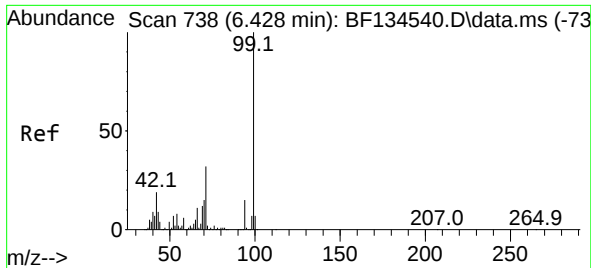
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#6
Aniline
Concen: 29.276 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

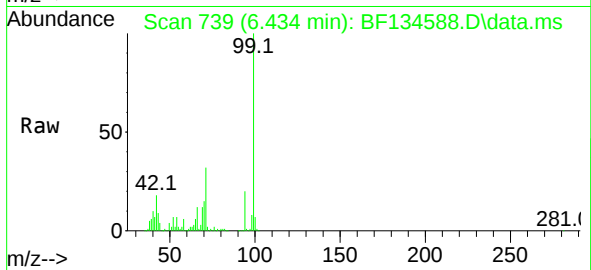
Tgt Ion: 93 Resp: 586988
Ion Ratio Lower Upper
93 100
66 40.6 36.8 55.2
65 19.9 19.4 29.0





#7
Phenol-d6
Concen: 86.389 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

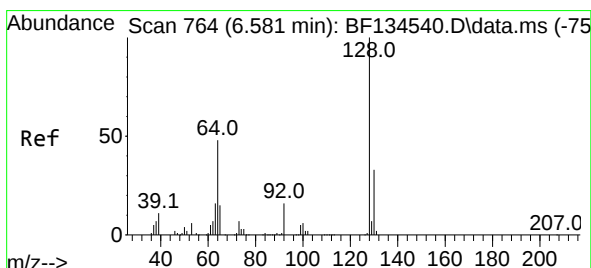
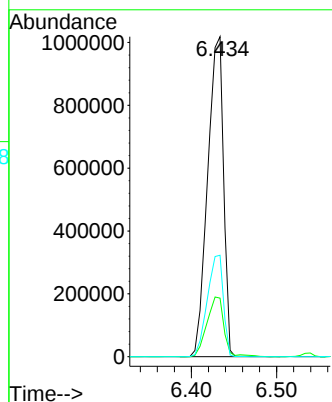
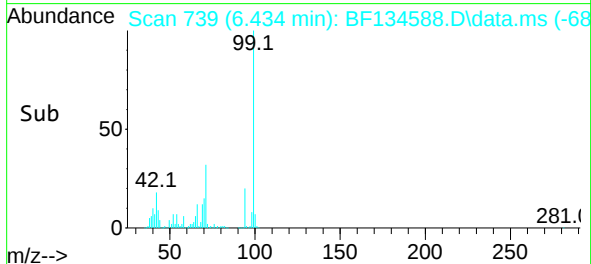
Instrument :
BNA_F
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342MSD



Tgt Ion: 99 Resp: 1320572
Ion Ratio Lower Upper
99 100
42 18.3 18.7 28.1
71 31.7 36.4 54.6

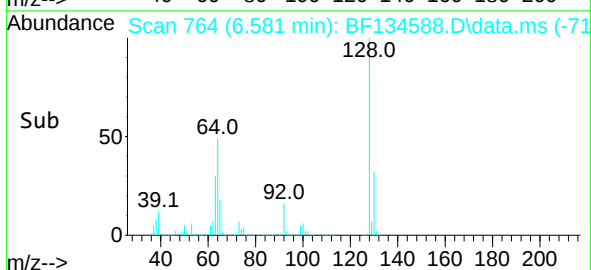
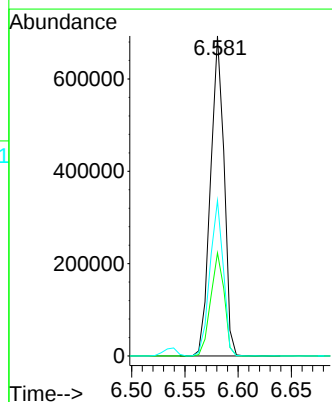
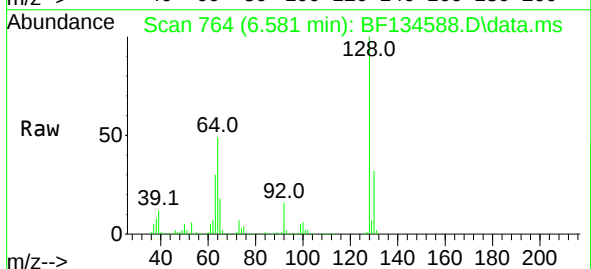
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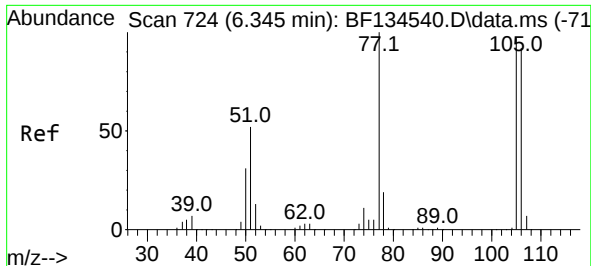
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#8
2-Chlorophenol
Concen: 51.050 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:128 Resp: 615811
Ion Ratio Lower Upper
128 100
130 32.2 11.1 51.1
64 48.5 31.9 71.9





#9

Benzaldehyde

Concen: 47.217 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion: 77 Resp: 32399

Ion Ratio Lower Upper

77 100

105 101.0 77.1 117.1

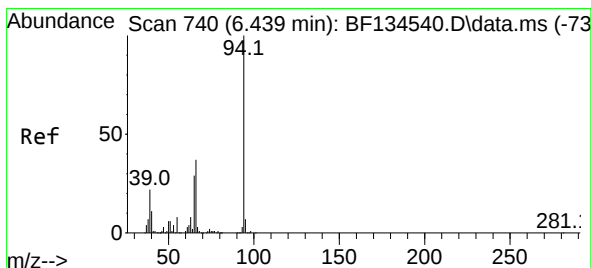
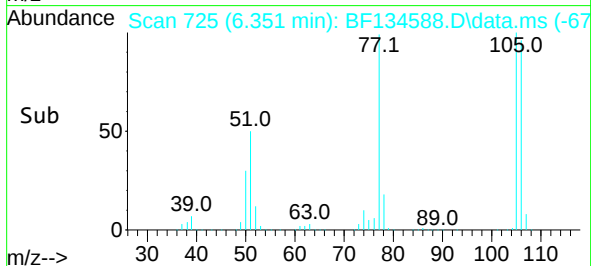
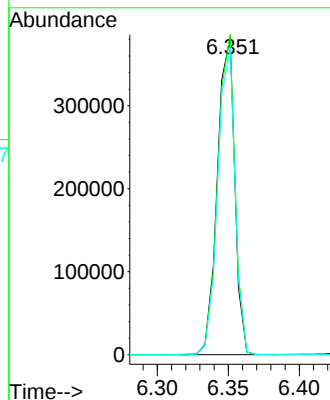
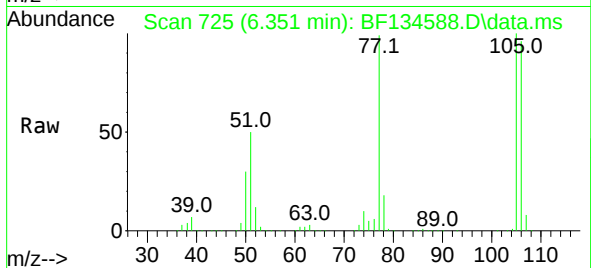
106 96.8 71.4 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#10

Phenol

Concen: 48.259 ng m

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

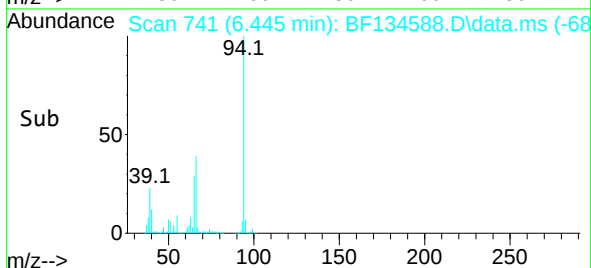
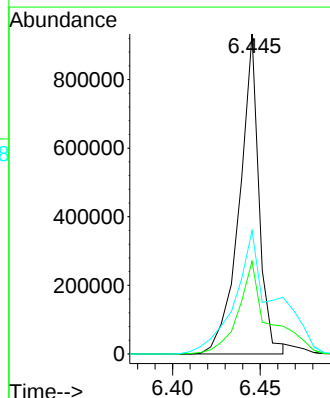
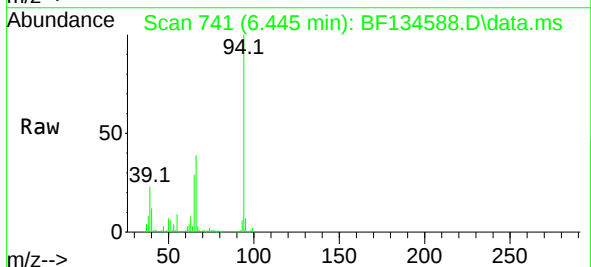
Tgt Ion: 94 Resp: 726968

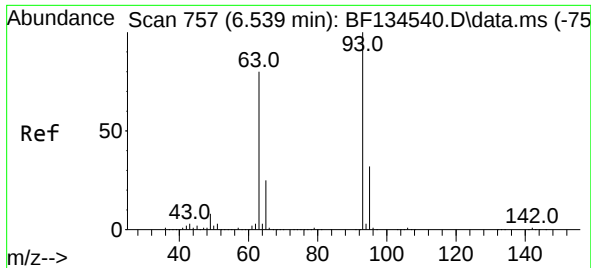
Ion Ratio Lower Upper

94 100

65 29.0 17.8 57.8

66 38.6 35.2 75.2





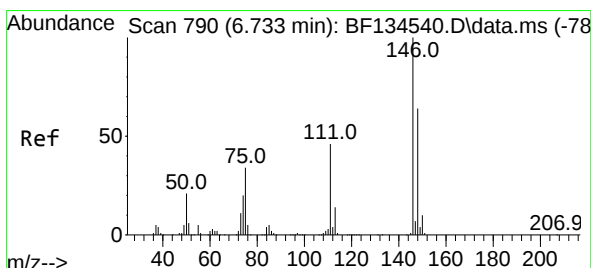
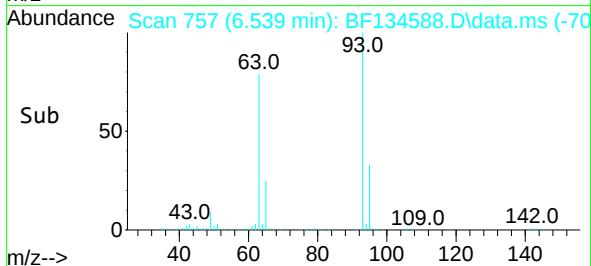
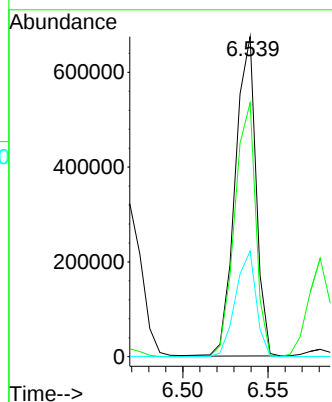
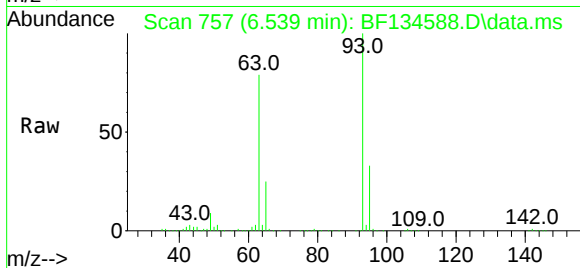
#11
bis(2-Chloroethyl)ether
Concen: 47.941 ng
RT: 6.539 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :
BNA_F
ClientSampleId :
342MSD

Tgt Ion: 93 Resp: 573692
Ion Ratio Lower Upper
93 100
63 79.3 68.4 108.4
95 33.0 12.4 52.4

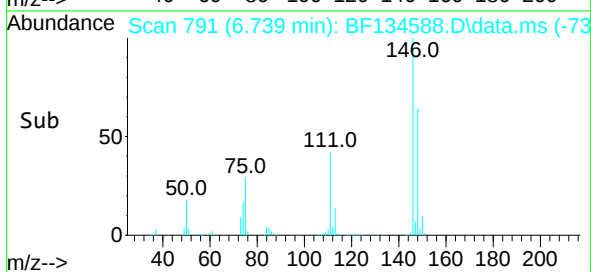
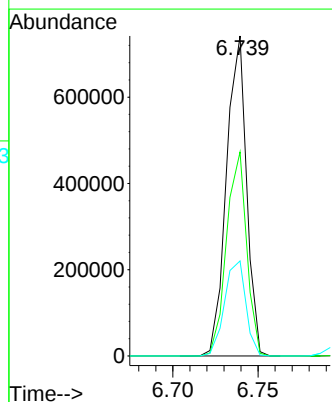
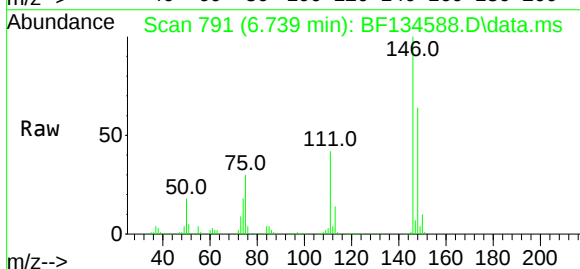
Manual Integrations
APPROVED

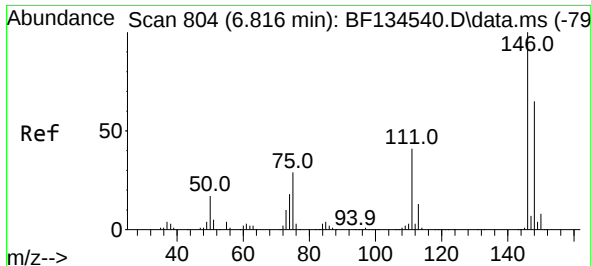
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#12
1,3-Dichlorobenzene
Concen: 48.714 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:146 Resp: 607988
Ion Ratio Lower Upper
146 100
148 63.7 49.7 74.5
75 29.7 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 49.036 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:146 Resp: 61336

Ion Ratio Lower Upper

146 100

148 64.8 51.3 76.9

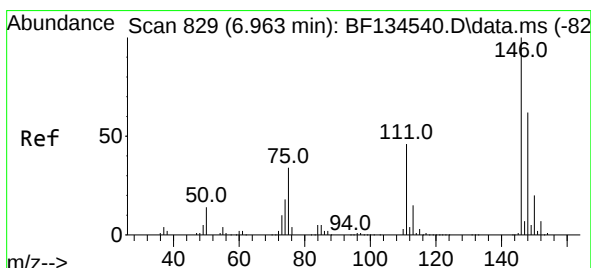
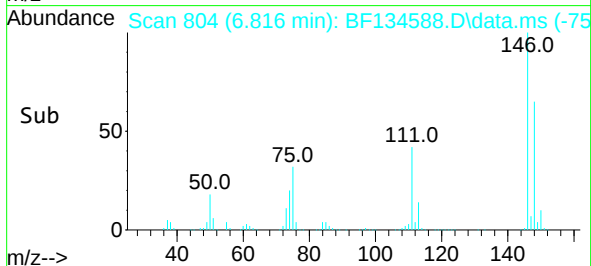
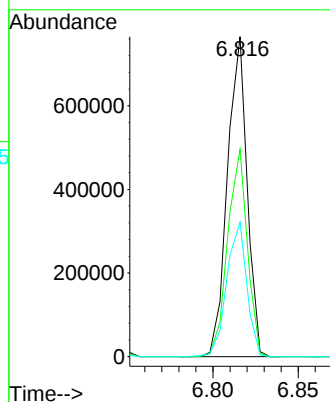
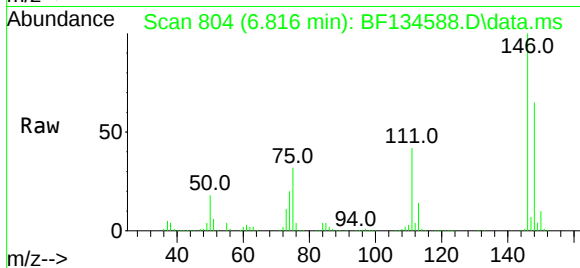
111 42.0 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#14

1,2-Dichlorobenzene

Concen: 50.916 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

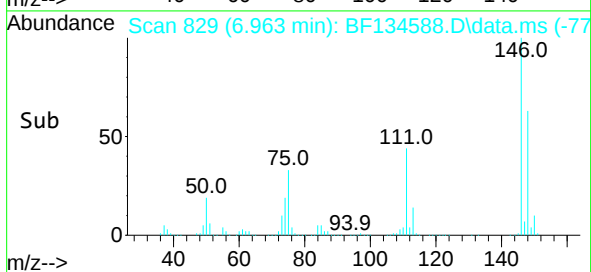
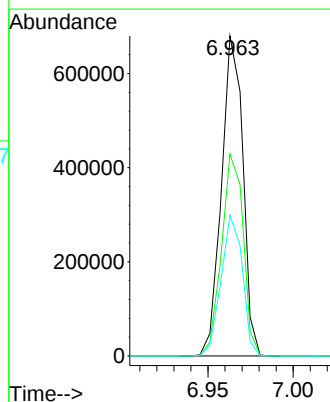
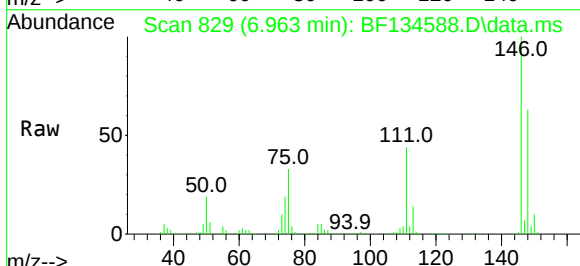
Tgt Ion:146 Resp: 593401

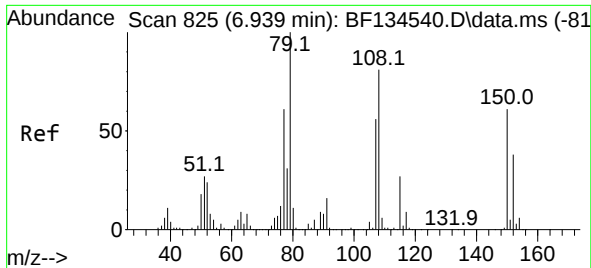
Ion Ratio Lower Upper

146 100

148 63.1 51.2 76.8

111 44.0 39.9 59.9





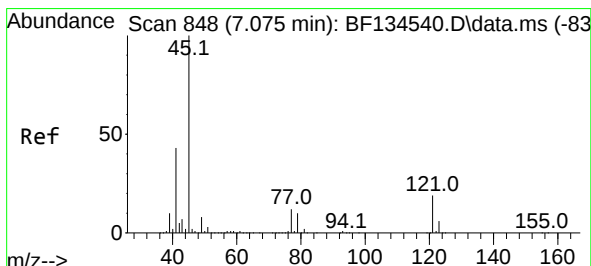
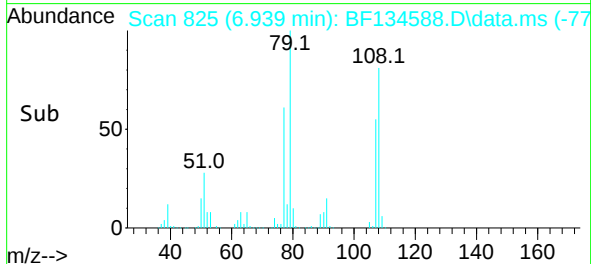
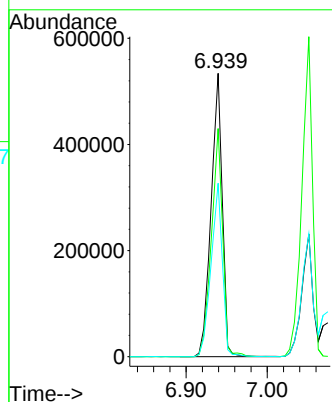
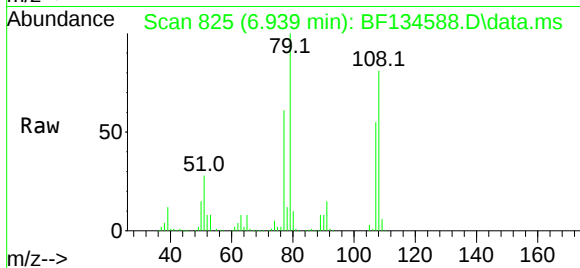
#15
Benzyl Alcohol
Concen: 48.469 ng
RT: 6.939 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :
BNA_F
ClientSampleId :
342MSD

Tgt Ion: 79 Resp: 511129
Ion Ratio Lower Upper
79 100
108 80.5 56.3 84.5
77 61.2 50.6 76.0

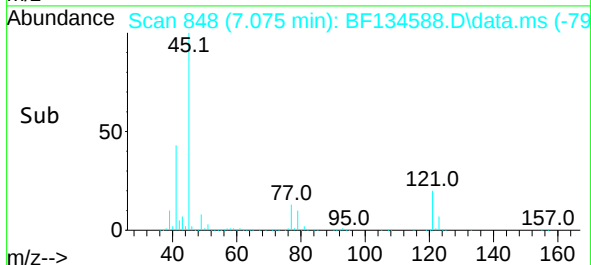
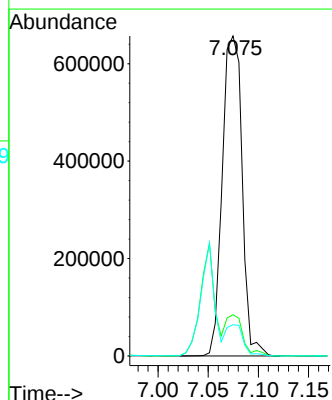
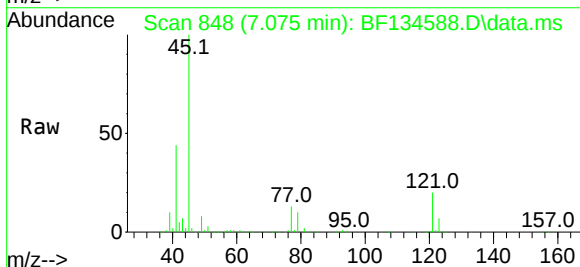
Manual Integrations
APPROVED

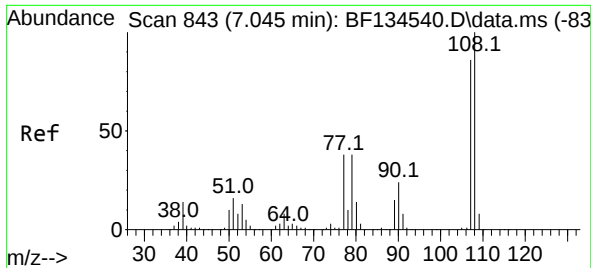
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.904 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

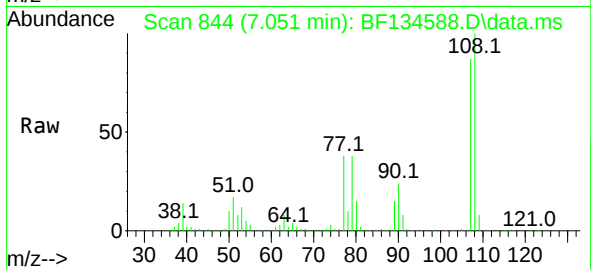
Tgt Ion: 45 Resp: 898094
Ion Ratio Lower Upper
45 100
77 12.9 0.0 37.8
79 9.7 0.0 34.5





#17
2-Methylphenol
Concen: 44.867 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

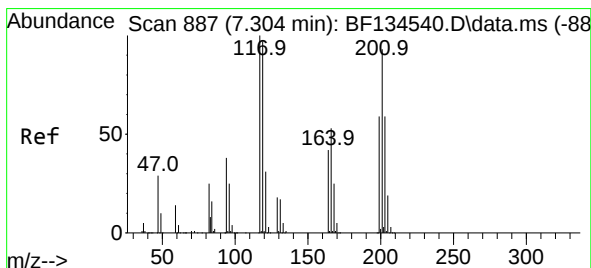
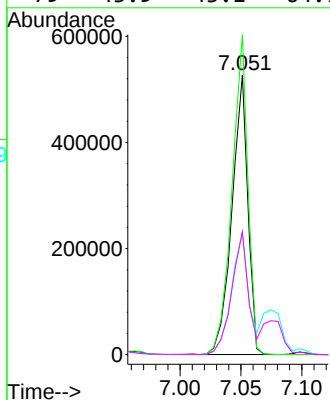
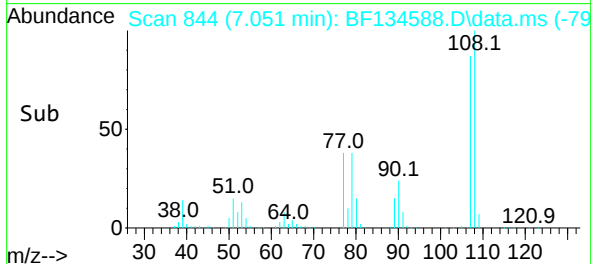
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:107 Resp: 478269
Ion Ratio Lower Upper
107 100
108 114.4 89.4 134.2
77 43.9 42.4 63.6
79 43.9 43.1 64.7

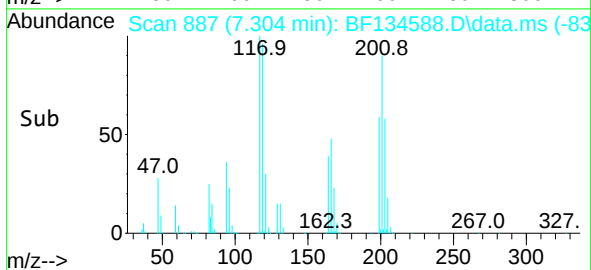
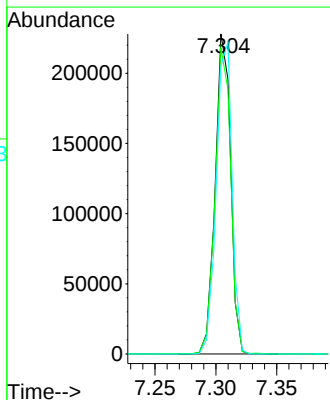
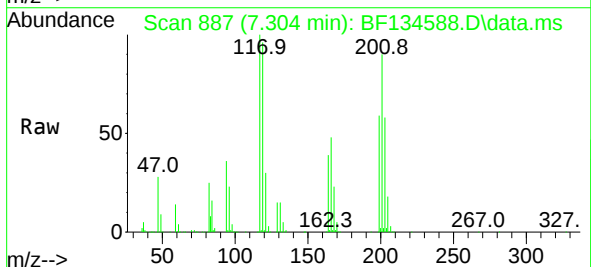
Manual Integrations
APPROVED

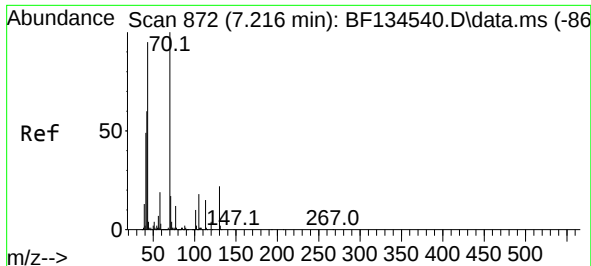
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#18
Hexachloroethane
Concen: 45.909 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

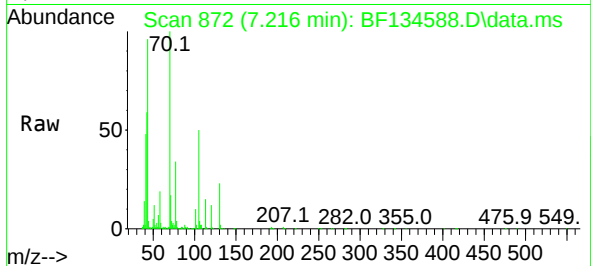
Tgt Ion:117 Resp: 201544
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 90.1 73.6 110.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.506 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

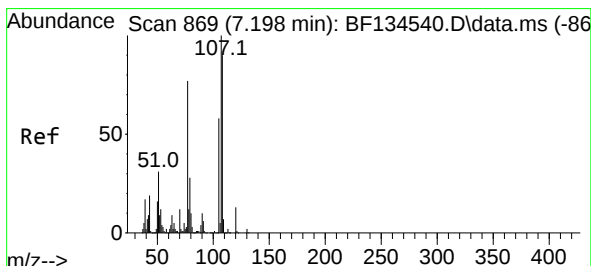
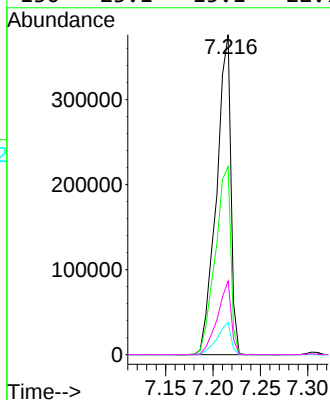
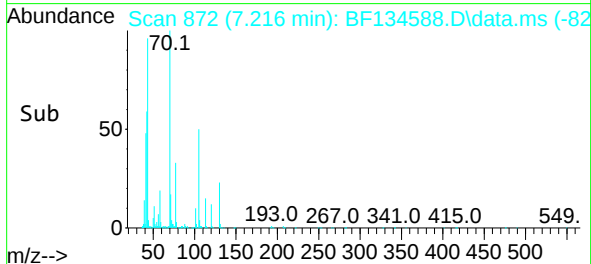
Instrument :
BNA_F
ClientSampleId :
342MSD



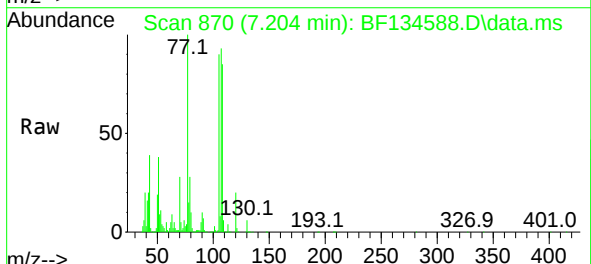
Tgt Ion: 70 Resp: 39818
Ion Ratio Lower Upper
70 100
42 58.8 54.7 82.1
101 10.1 8.2 12.2
130 23.1 15.1 22.7#

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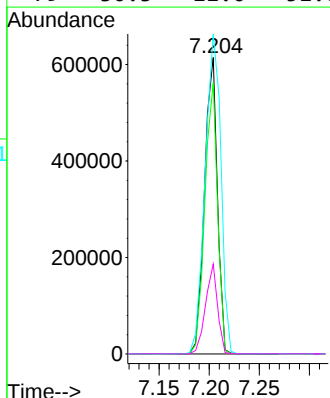
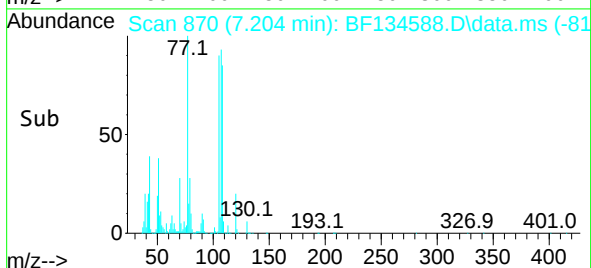
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

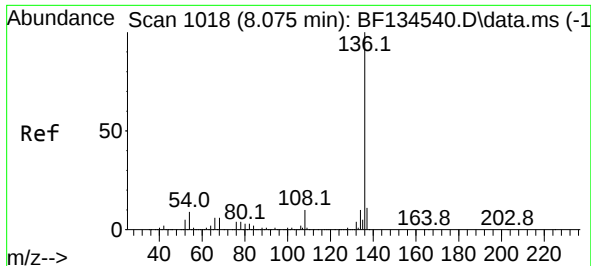


#20
3+4-Methylphenols
Concen: 42.886 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



Tgt Ion:107 Resp: 551322
Ion Ratio Lower Upper
107 100
108 91.5 68.1 108.1
77 107.9 122.1 162.1#
79 30.3 11.0 51.0





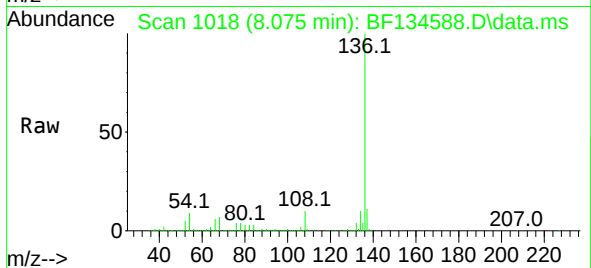
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD



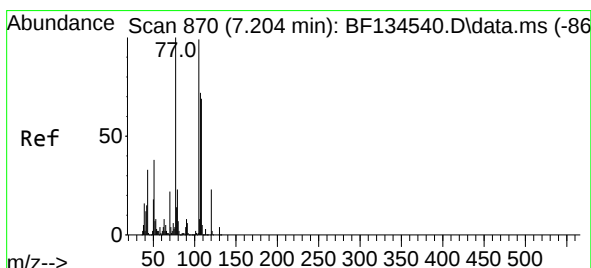
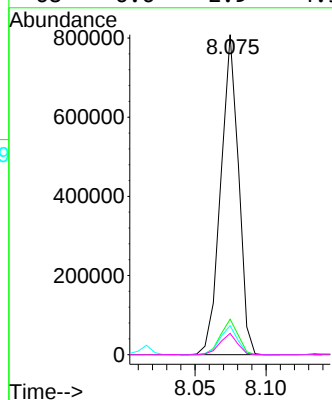
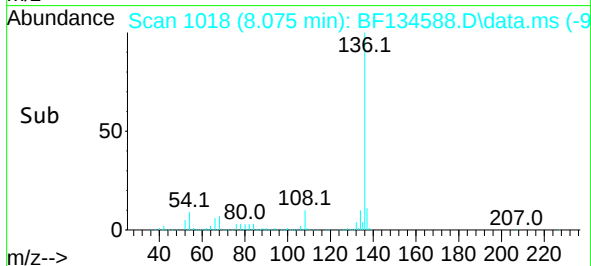
Tgt Ion:136 Resp: 701530
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.1 5.2 7.8
68 6.6 2.9 4.3#

Manual Integrations

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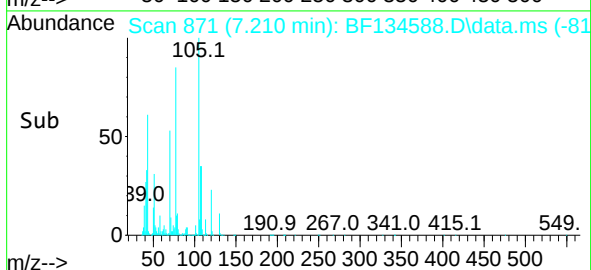
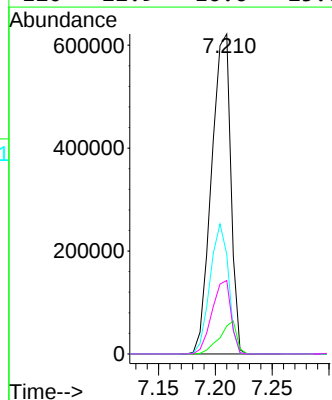
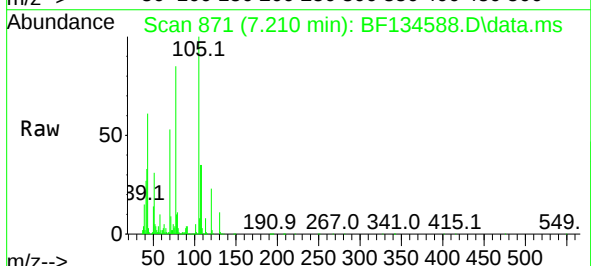
Reviewed By :Yogesh Patel 08/03/2023

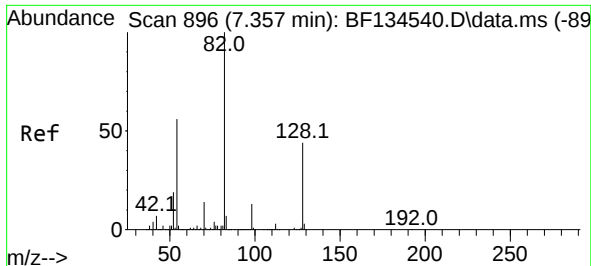
Supervised By :mohammad ahmed 08/03/2023



#22
Acetophenone
Concen: 45.200 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:105 Resp: 732044
Ion Ratio Lower Upper
105 100
71 8.8 7.4 11.0
51 31.2 36.4 54.6#
120 22.9 16.6 25.0





#23

Nitrobenzene-d5

Concen: 68.996 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion: 82 Resp: 77454

Ion Ratio Lower Upper

82 100

128 44.7 34.3 51.5

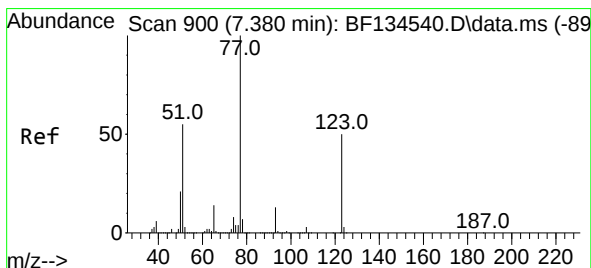
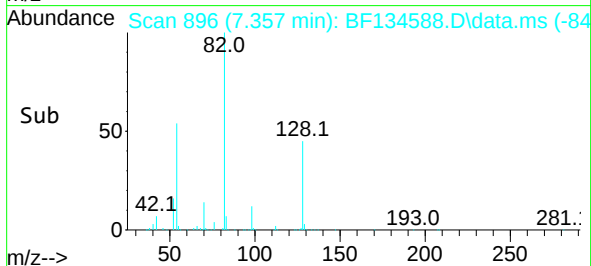
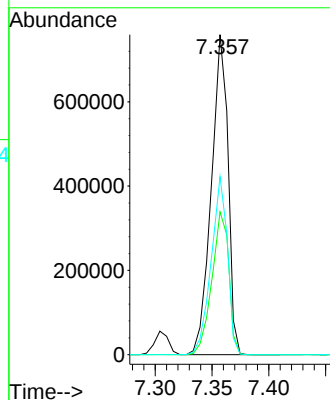
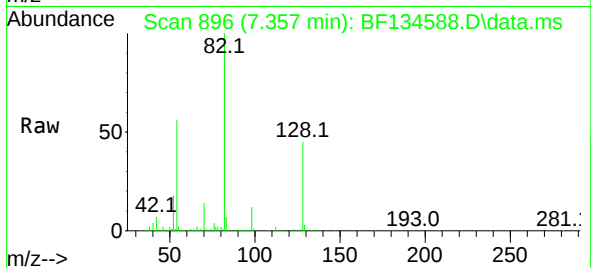
54 55.6 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#24

Nitrobenzene

Concen: 50.474 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

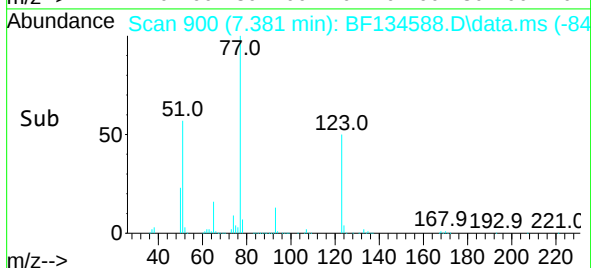
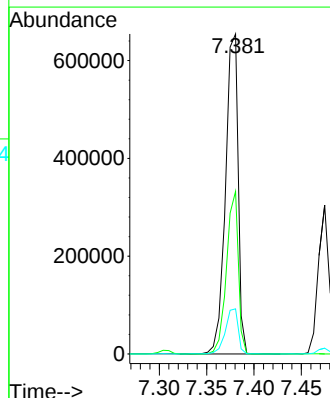
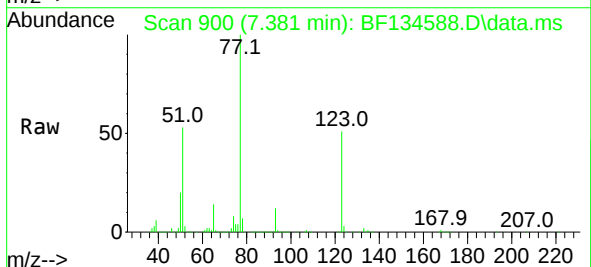
Tgt Ion: 77 Resp: 612141

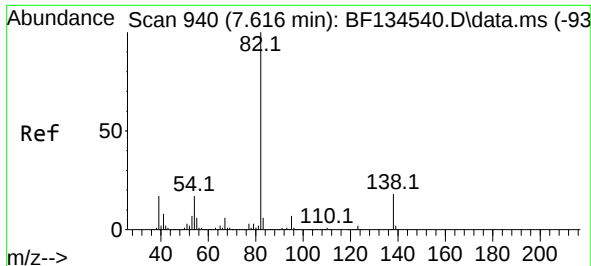
Ion Ratio Lower Upper

77 100

123 50.8 35.5 53.3

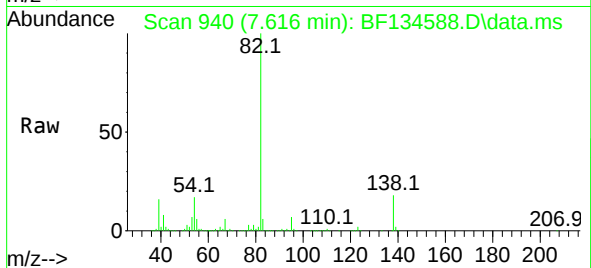
65 14.1 11.9 17.9





#25
Isophorone
Concen: 45.630 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

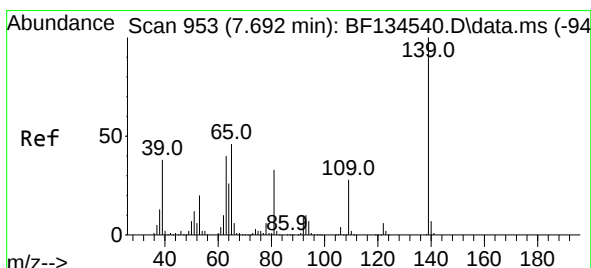
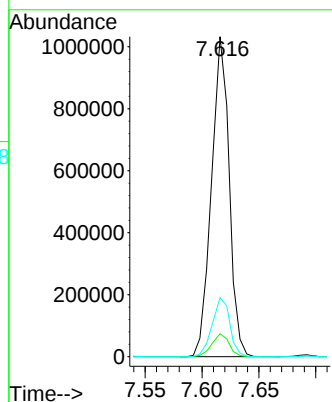
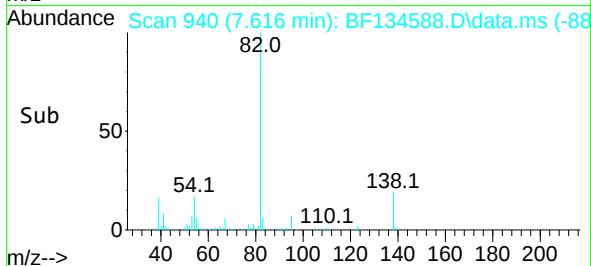
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion: 82 Resp: 111723
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 18.5 14.6 22.0

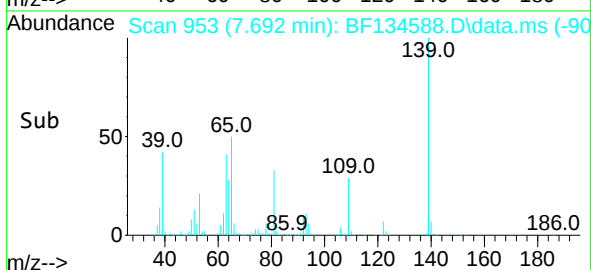
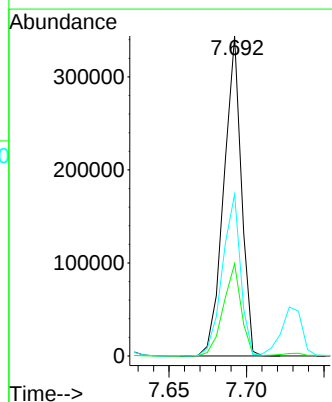
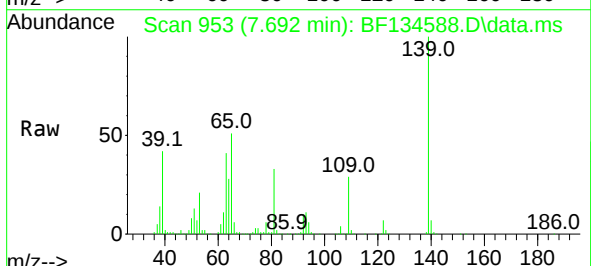
Manual Integrations
APPROVED

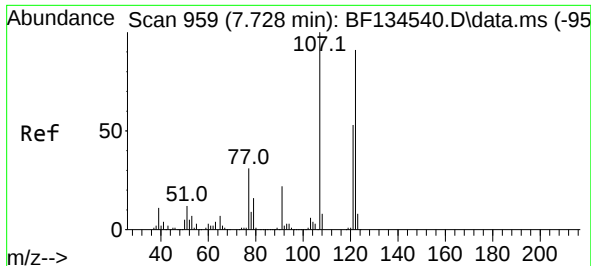
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#26
2-Nitrophenol
Concen: 52.202 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:139 Resp: 271809
Ion Ratio Lower Upper
139 100
109 28.9 29.8 44.6#
65 50.5 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 44.971 ng

RT: 7.733 min Scan# 9

Delta R.T. 0.005 min

Lab File: BF134588.D

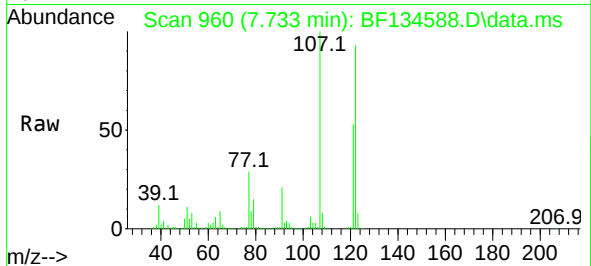
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD



Tgt Ion:122 Resp: 491304

Ion Ratio Lower Upper

122 100

107 107.7 106.7 160.1

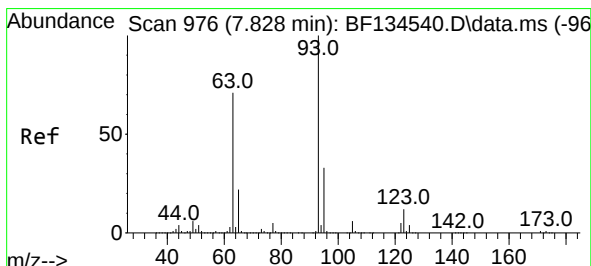
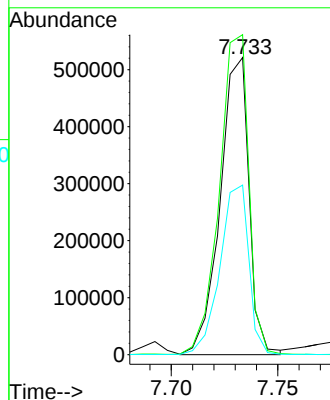
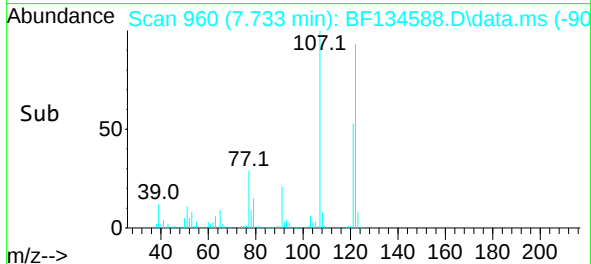
121 57.1 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.446 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

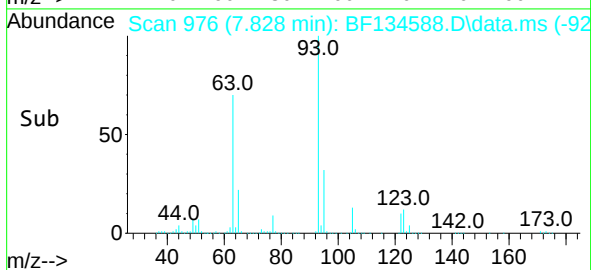
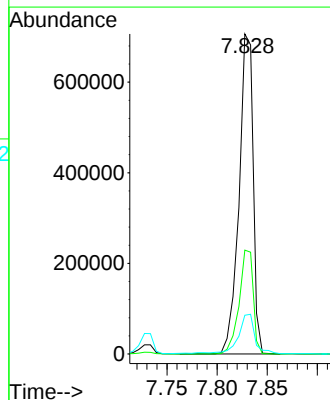
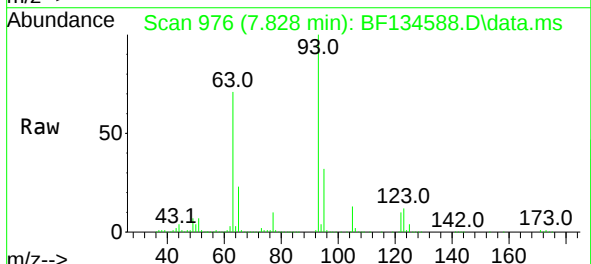
Tgt Ion: 93 Resp: 694927

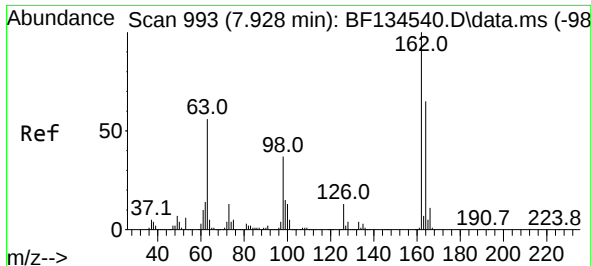
Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 12.1 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.171 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

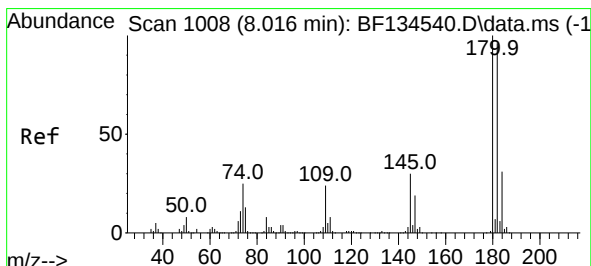
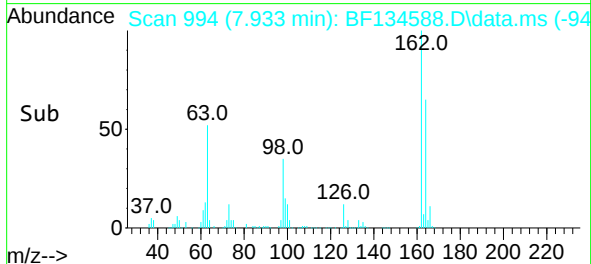
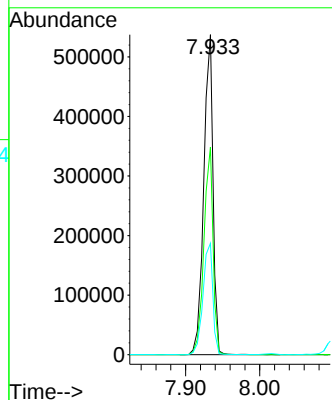
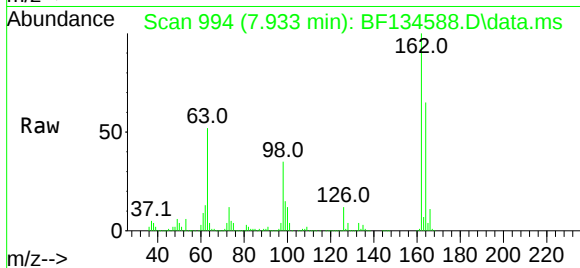
Tgt Ion:162 Resp: 467724
 Ion Ratio Lower Upper
 162 100
 164 64.9 42.2 82.2
 98 34.8 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.658 ng

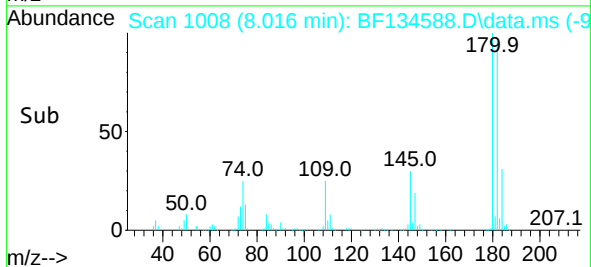
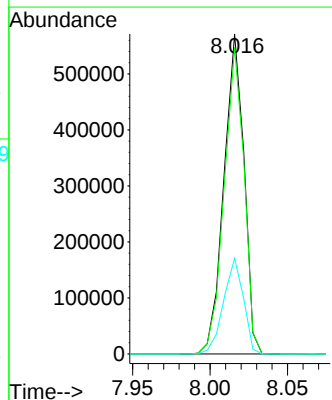
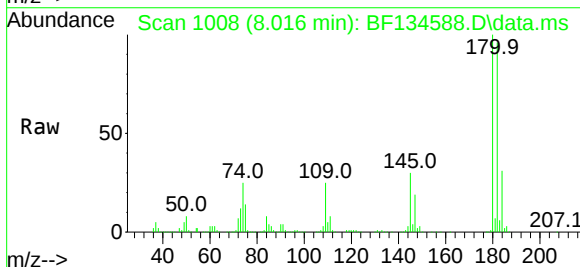
RT: 8.016 min Scan# 1008

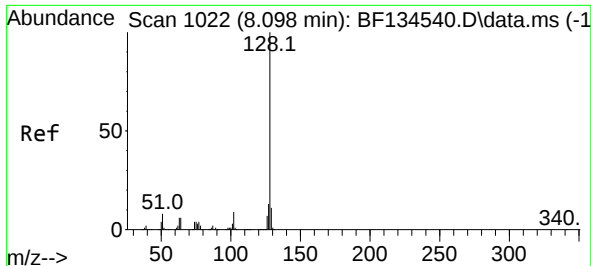
Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

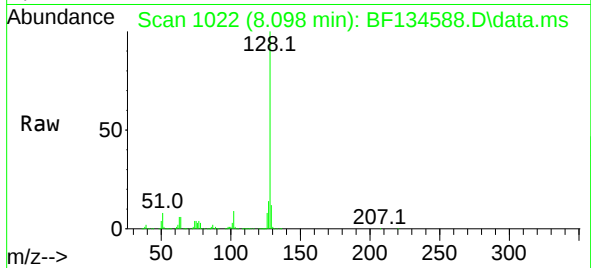
Tgt Ion:180 Resp: 514489
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.0 112.6
 145 29.9 25.5 38.3





#31
Naphthalene
Concen: 45.456 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

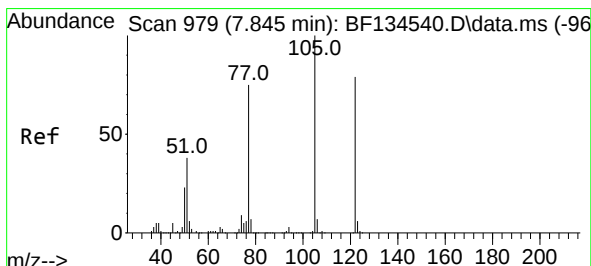
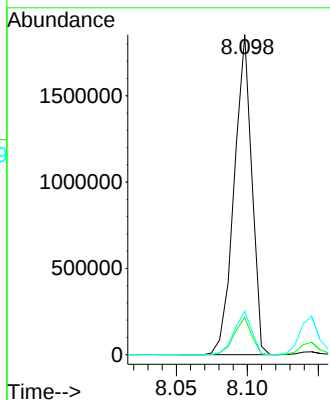
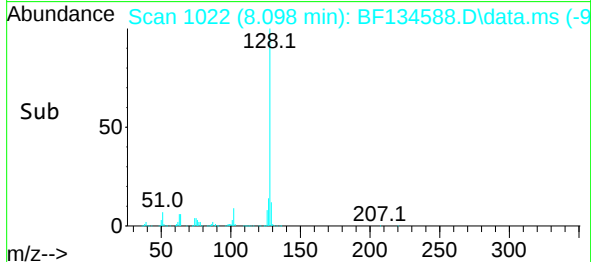
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:128 Resp: 160268
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.6 10.7 16.1

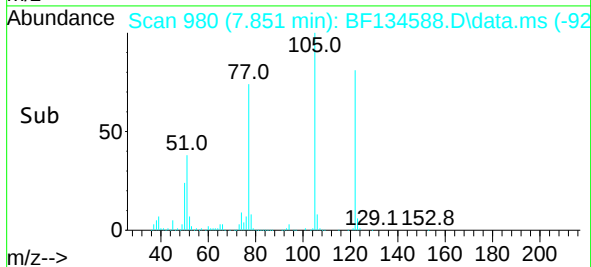
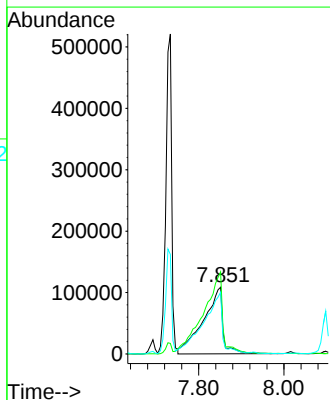
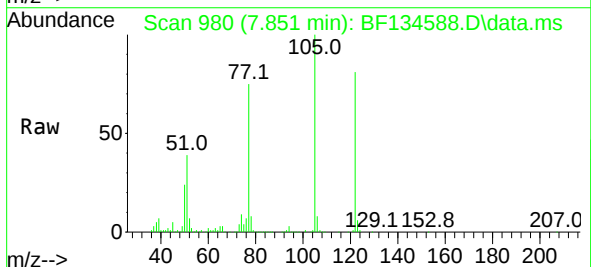
Manual Integrations
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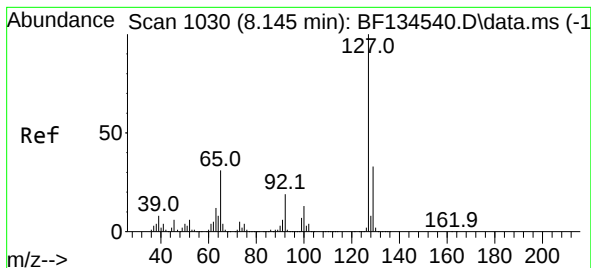
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#32
Benzoic acid
Concen: 48.685 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:122 Resp: 347915
Ion Ratio Lower Upper
122 100
105 123.2 87.5 127.5
77 92.6 71.4 111.4





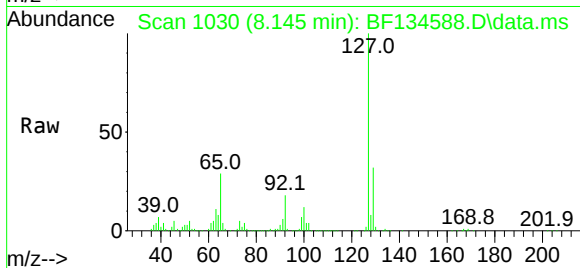
#33
4-Chloroaniline
Concen: 14.201 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

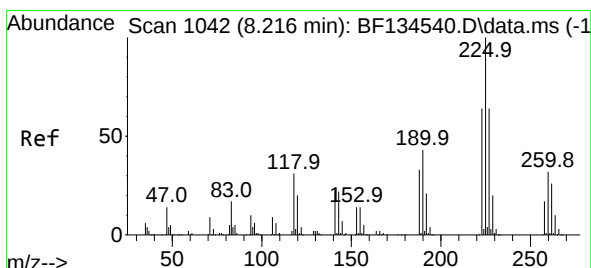
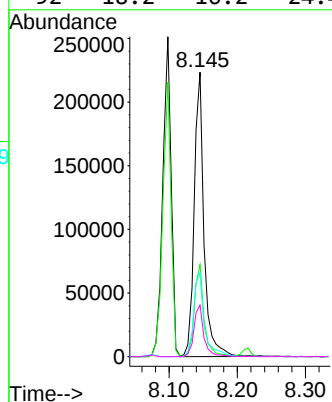
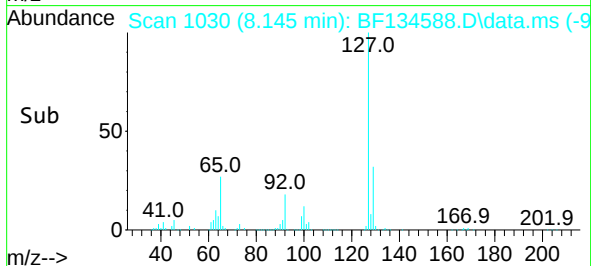


Tgt Ion:127 Resp: 223095
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 29.4 25.4 38.0
92 18.2 16.2 24.4

Manual Integrations

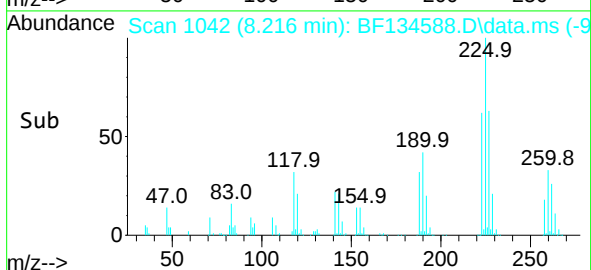
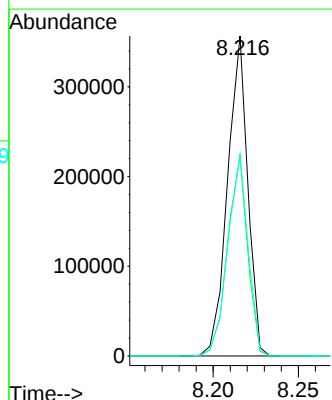
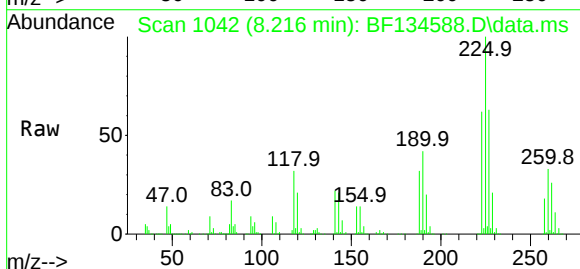
APPROVED

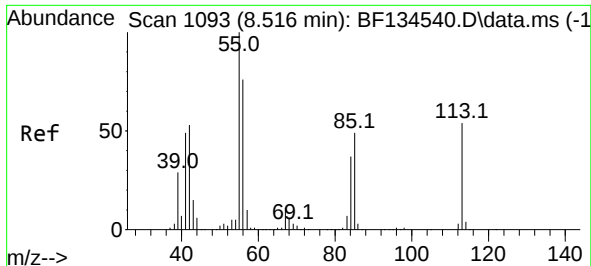
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#34
Hexachlorobutadiene
Concen: 48.222 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

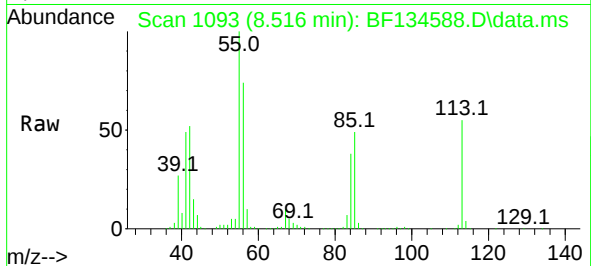
Tgt Ion:225 Resp: 294108
Ion Ratio Lower Upper
225 100
223 62.4 48.2 72.4
227 63.1 48.5 72.7





#35
 Caprolactam
 Concen: 46.852 ng m
 RT: 8.516 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

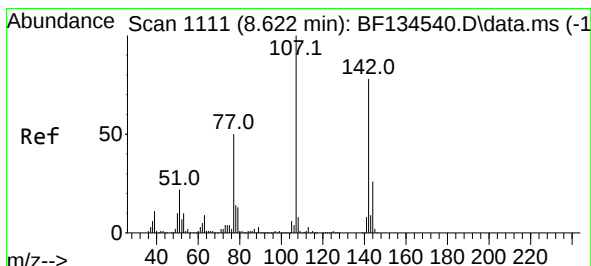
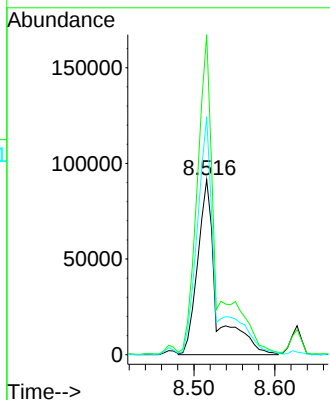
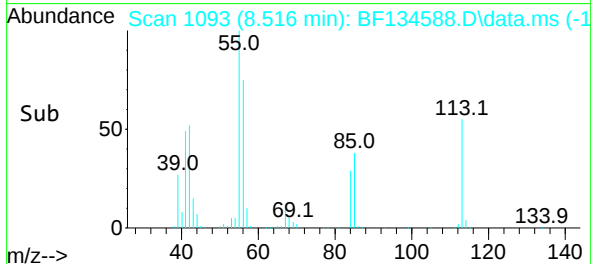
Instrument :
 BNA_F
 ClientSampleId :
 342MSD



Tgt Ion:113 Resp: 14988
 Ion Ratio Lower Upper
 113 100
 55 182.8 161.5 201.5
 56 136.0 117.8 157.8

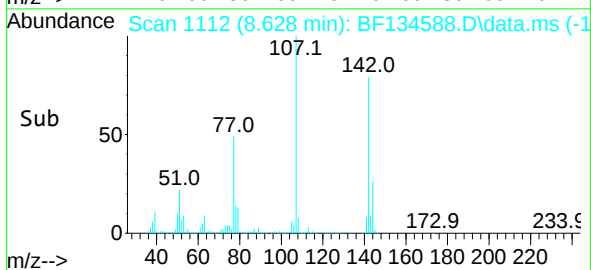
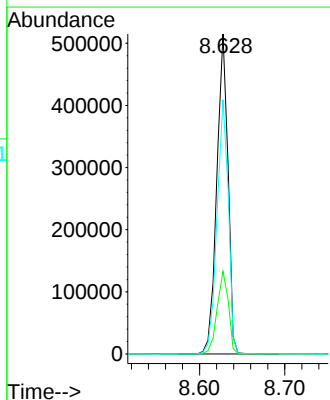
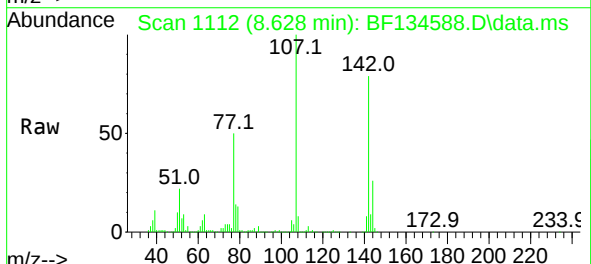
Manual Integrations
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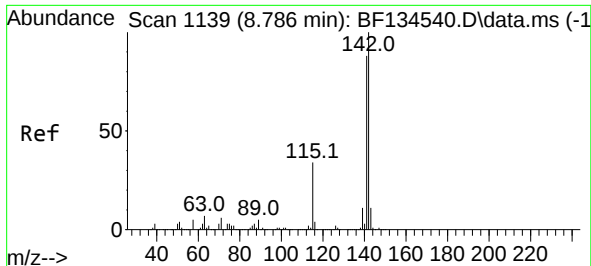
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023



#36
 4-Chloro-3-methylphenol
 Concen: 44.768 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

Tgt Ion:107 Resp: 470104
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.6 29.4
 142 79.4 57.7 86.5





#37

2-Methylnaphthalene

Concen: 42.693 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:142 Resp: 99774

Ion Ratio Lower Upper

142 100

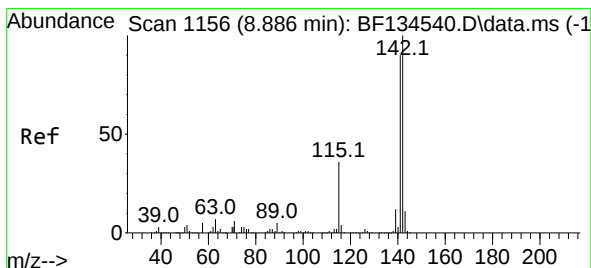
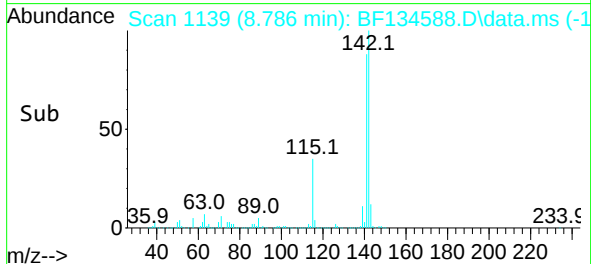
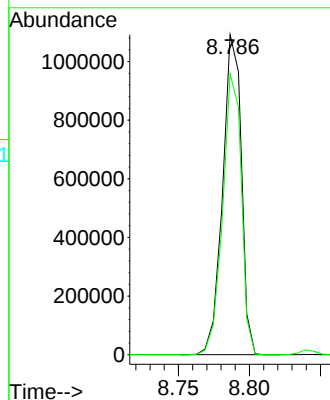
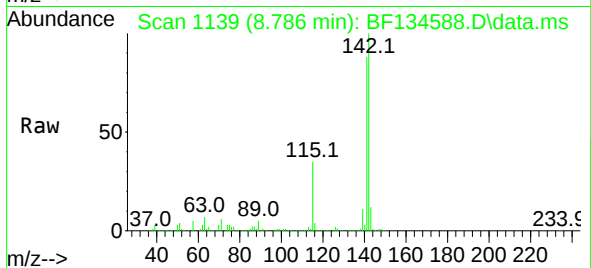
141 87.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#38

1-Methylnaphthalene

Concen: 43.249 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF134588.D

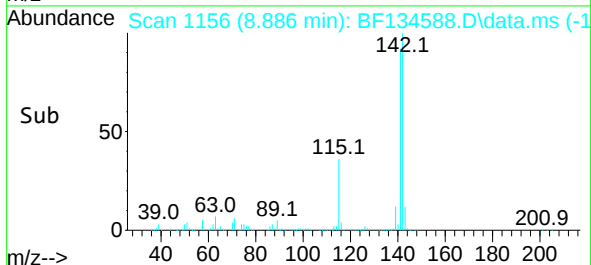
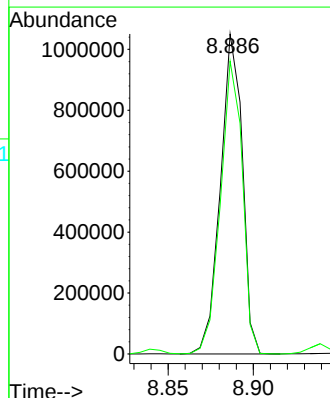
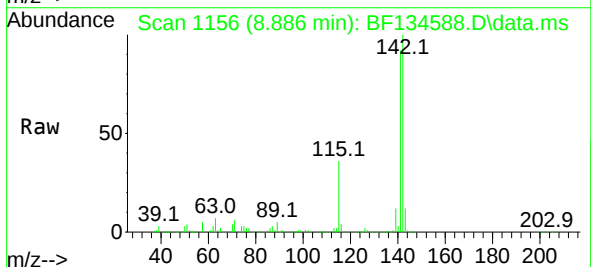
Acq: 02 Aug 2023 19:37

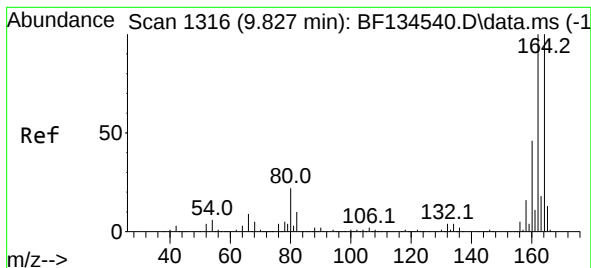
Tgt Ion:142 Resp: 939879

Ion Ratio Lower Upper

142 100

141 91.5 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF134588.D

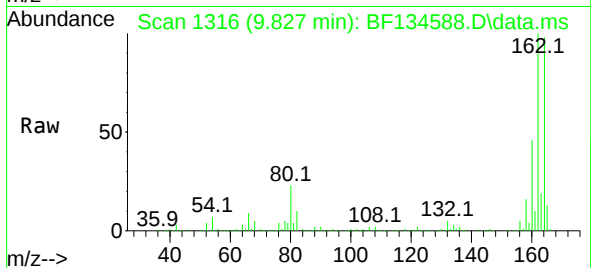
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD



Tgt Ion:164 Resp: 31262

Ion Ratio Lower Upper

164 100

162 102.0 82.6 123.8

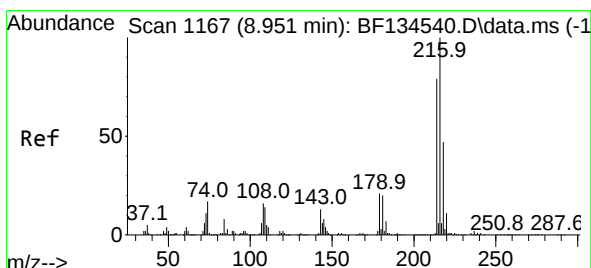
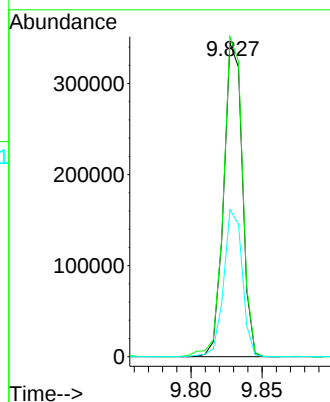
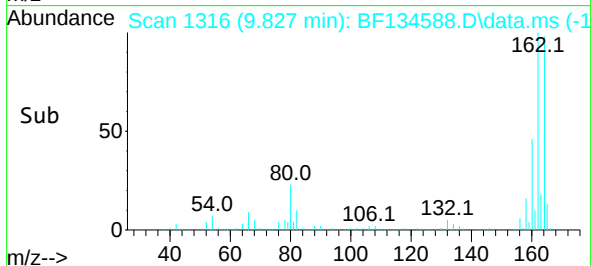
160 46.9 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.174 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Tgt Ion:216 Resp: 465223

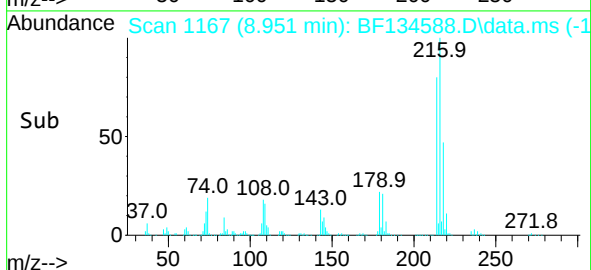
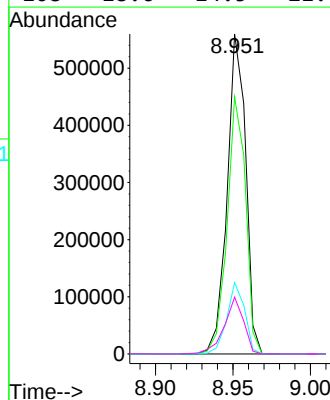
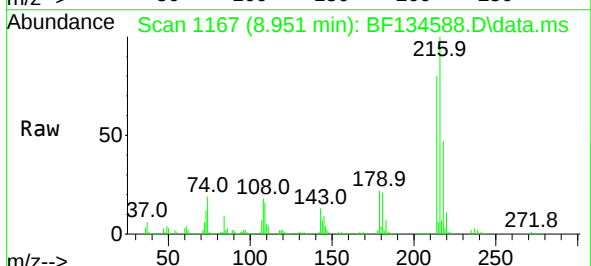
Ion Ratio Lower Upper

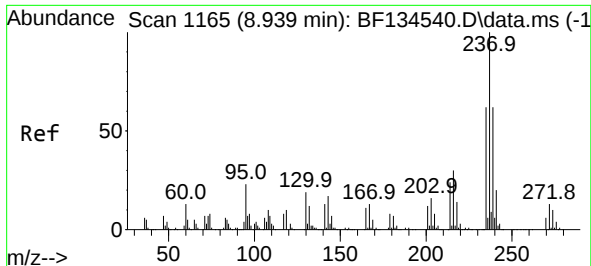
216 100

214 79.9 62.3 93.5

179 21.5 17.4 26.0

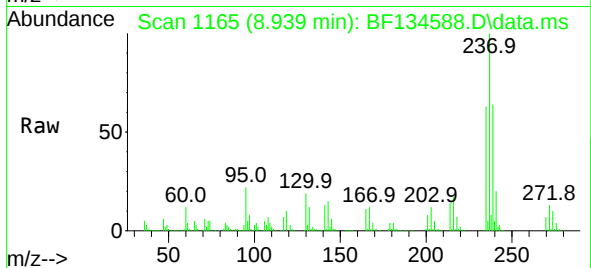
108 18.6 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 50.575 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

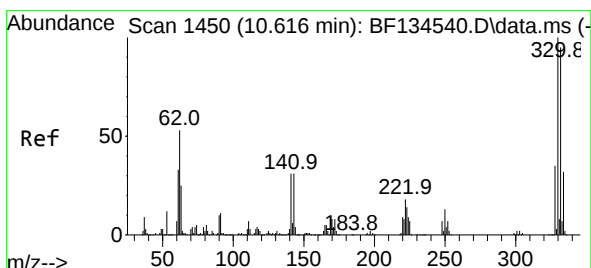
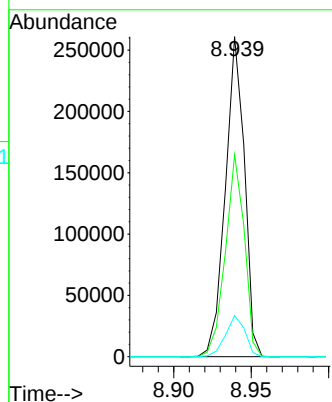
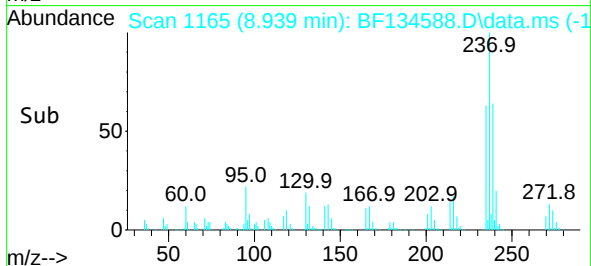
Instrument :
BNA_F
ClientSampleId :
342MSD



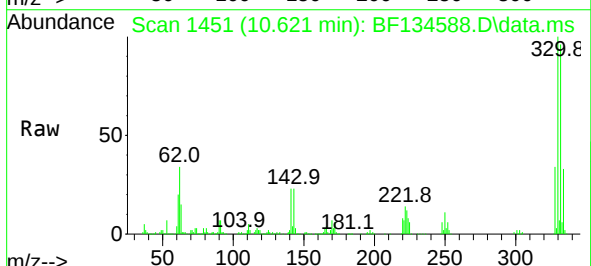
Tgt Ion:237 Resp: 22358
Ion Ratio Lower Upper
237 100
235 63.1 37.0 77.0
272 12.9 0.0 32.7

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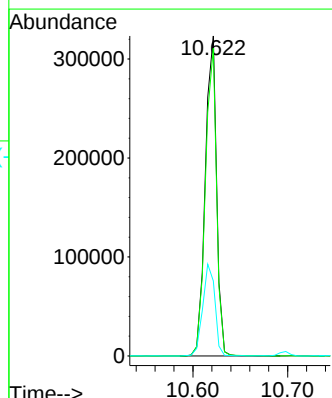
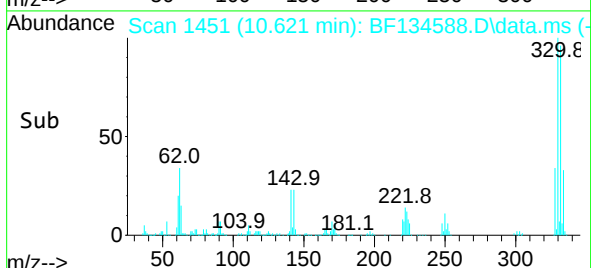
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

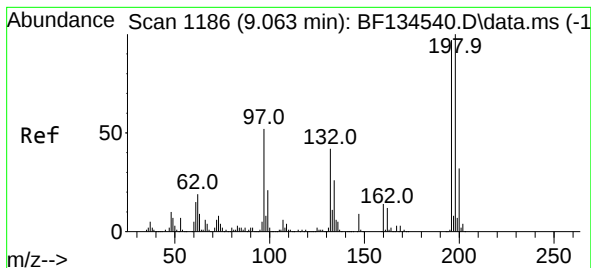


#42
2,4,6-Tribromophenol
Concen: 84.265 ng
RT: 10.621 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



Tgt Ion:330 Resp: 268547
Ion Ratio Lower Upper
330 100
332 95.3 78.8 118.2
141 30.9 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 51.395 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:196 Resp: 30578

Ion Ratio Lower Upper

196 100

198 99.9 77.4 116.2

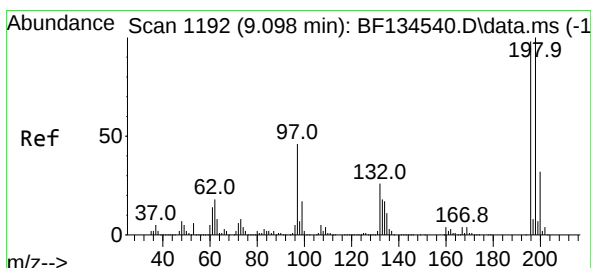
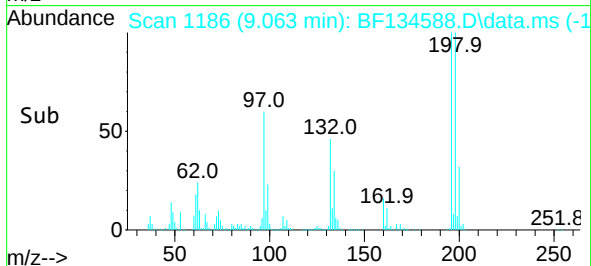
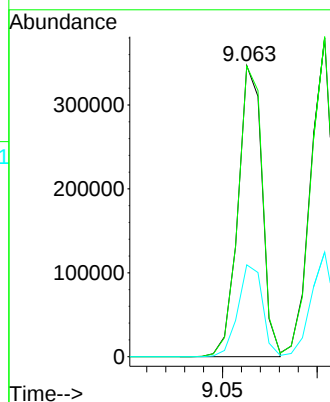
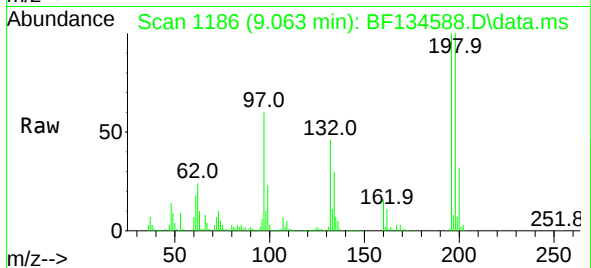
200 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#44

2,4,5-Trichlorophenol

Concen: 46.135 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Tgt Ion:196 Resp: 313716

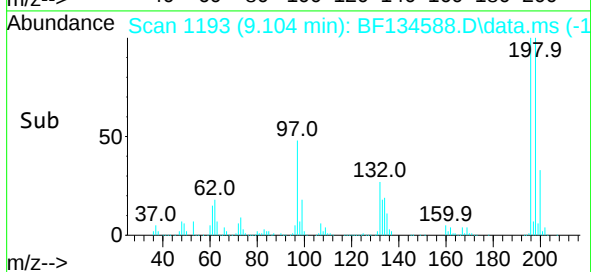
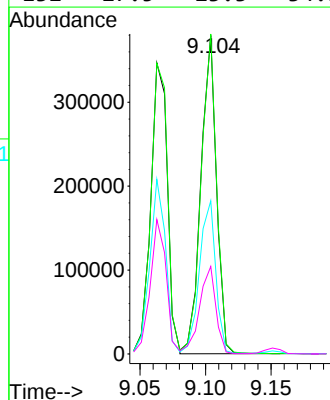
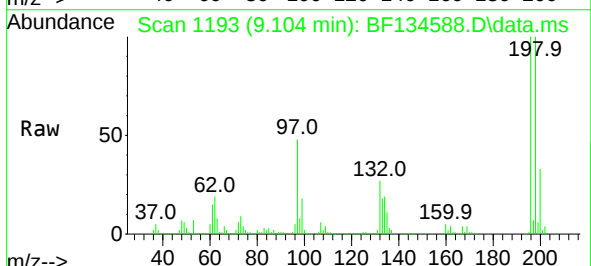
Ion Ratio Lower Upper

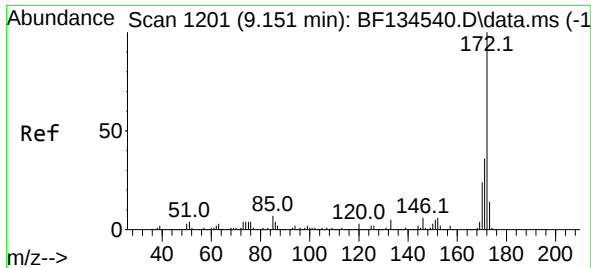
196 100

198 100.5 73.0 109.4

97 48.1 40.8 61.2

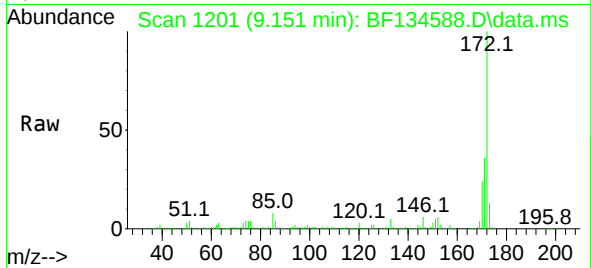
132 27.5 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 71.055 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

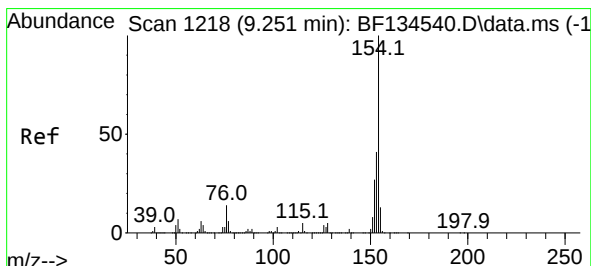
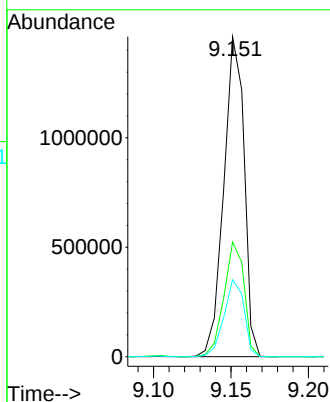
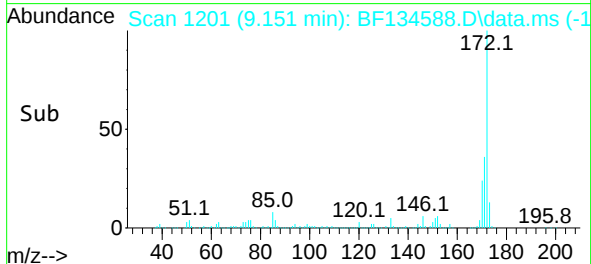
Instrument :
BNA_F
ClientSampleId :
342MSD



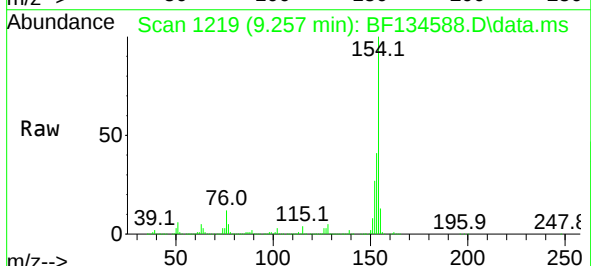
Tgt Ion:172 Resp: 133600
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.0 18.7 28.1

Manual Integrations
APPROVED

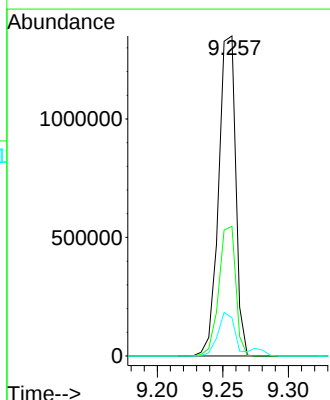
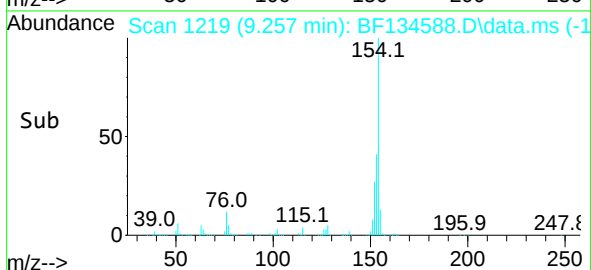
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

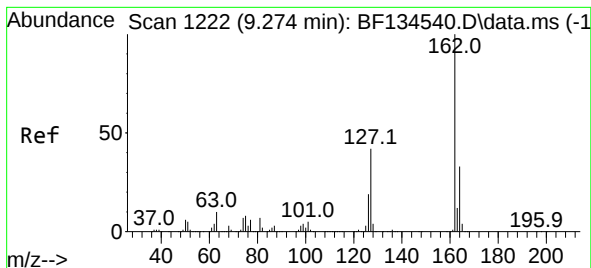


#46
1,1'-Biphenyl
Concen: 50.119 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



Tgt Ion:154 Resp: 1218422
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.0 0.0 30.2





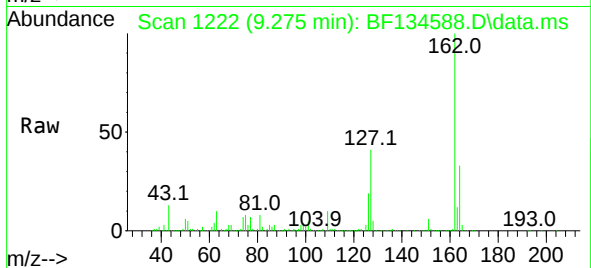
#47
2-Chloronaphthalene
Concen: 48.574 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

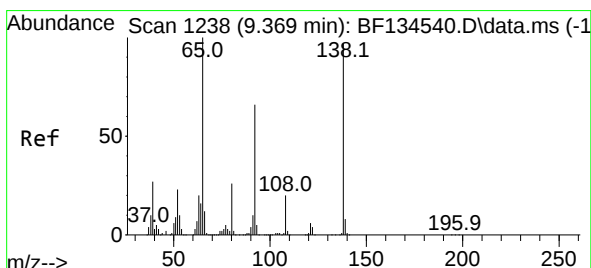
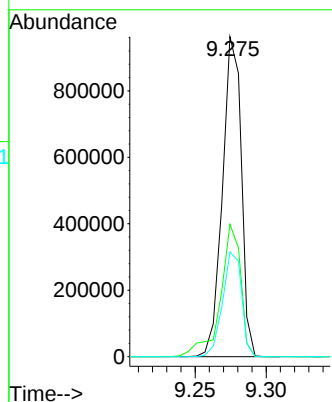
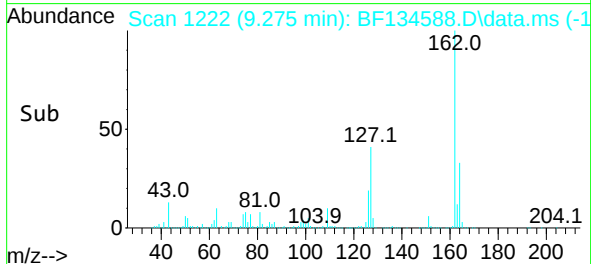
342MSD



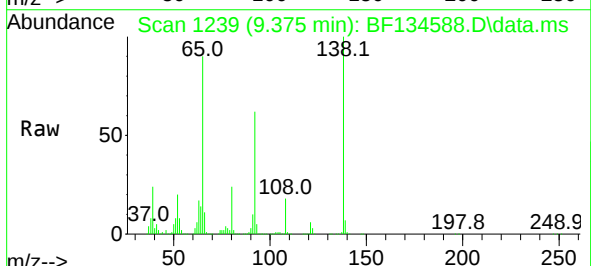
Tgt Ion:162 Resp: 88483
Ion Ratio Lower Upper
162 100
127 41.3 34.0 51.0
164 32.7 25.7 38.5

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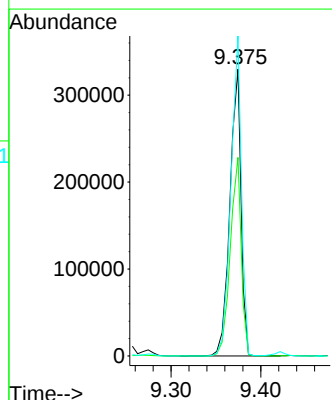
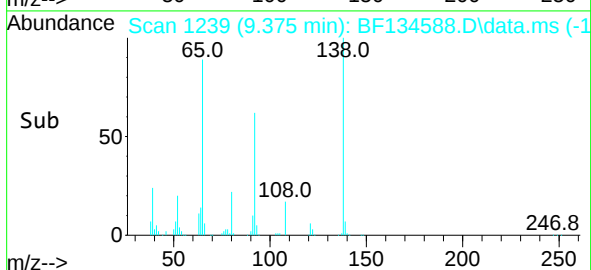
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

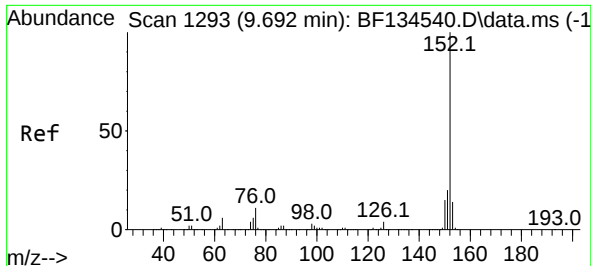


#48
2-Nitroaniline
Concen: 49.954 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



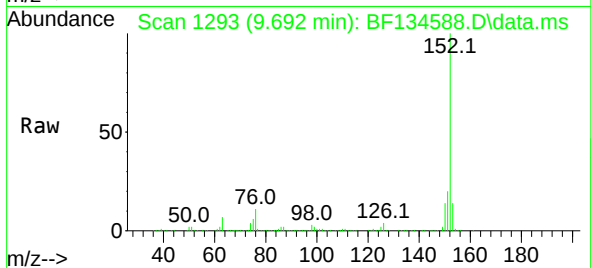
Tgt Ion: 65 Resp: 284474
Ion Ratio Lower Upper
65 100
92 69.2 50.7 76.1
138 111.6 78.2 117.4





#49
Acenaphthylene
Concen: 46.745 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

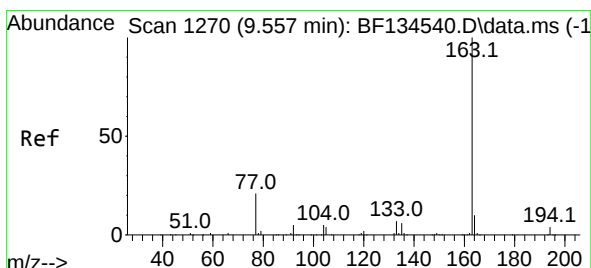
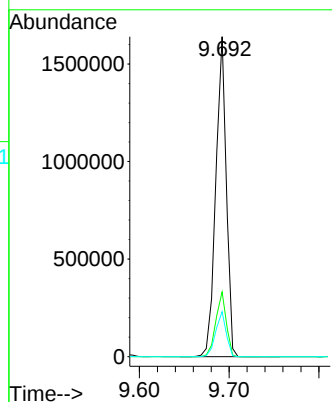
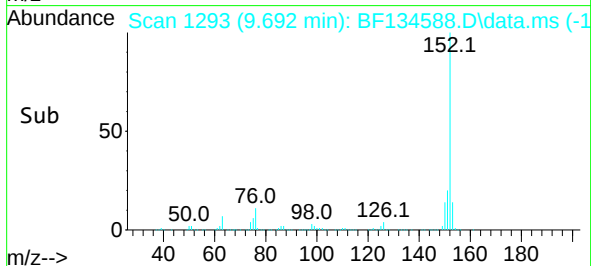
Instrument :
BNA_F
ClientSampleId :
342MSD



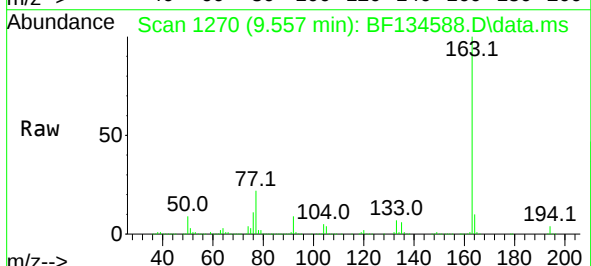
Tgt Ion:152 Resp: 1338484
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.1 10.9 16.3

Manual Integrations
APPROVED

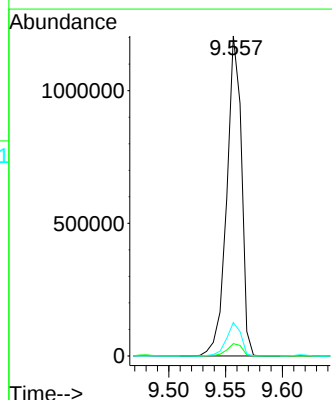
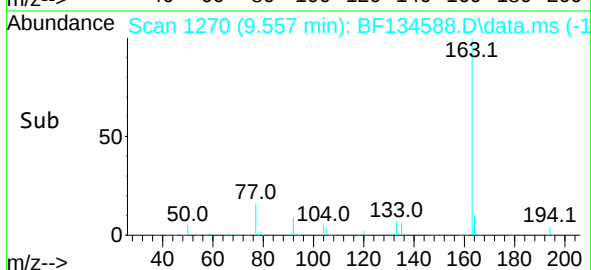
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

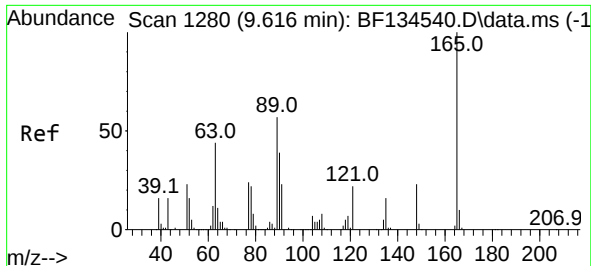


#50
Dimethylphthalate
Concen: 51.118 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



Tgt Ion:163 Resp: 1089215
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 7.5 11.3





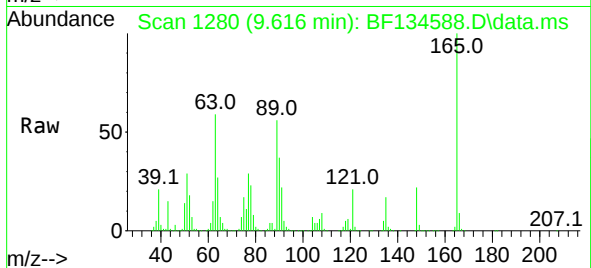
#51
2,6-Dinitrotoluene
Concen: 51.438 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

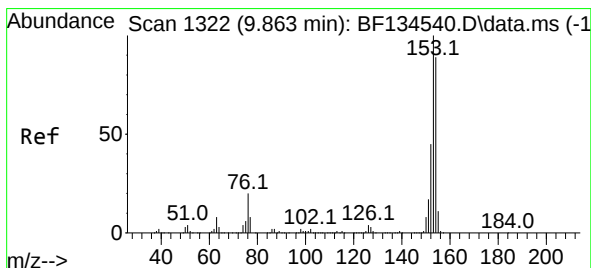
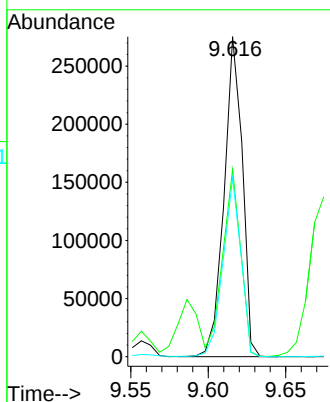
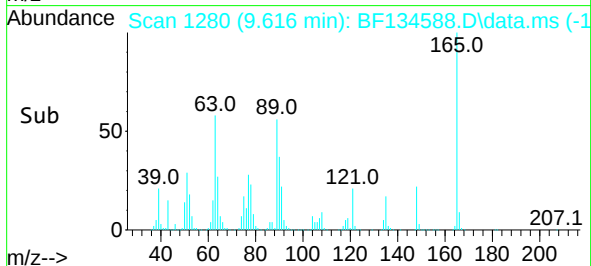
342MSD



Tgt Ion:165 Resp: 225388
Ion Ratio Lower Upper
165 100
63 58.5 57.8 86.6
89 56.0 51.8 77.8

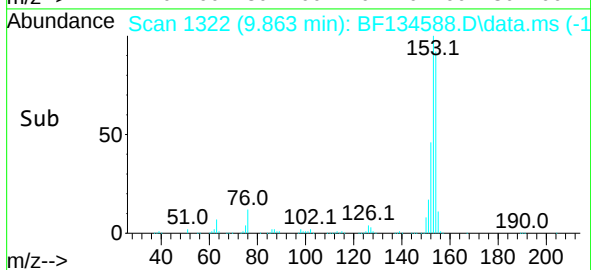
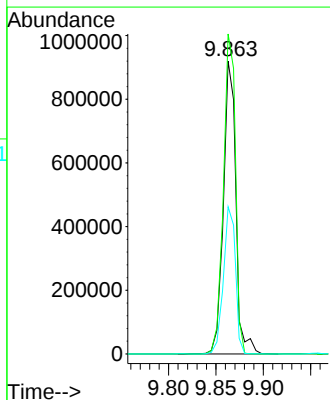
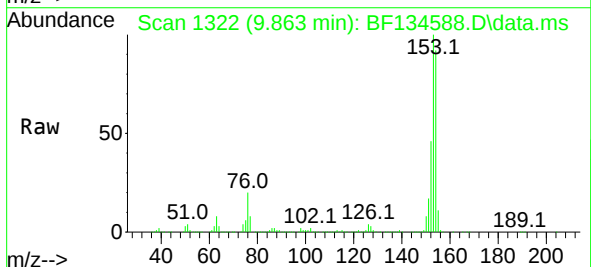
Manual Integrations
APPROVED

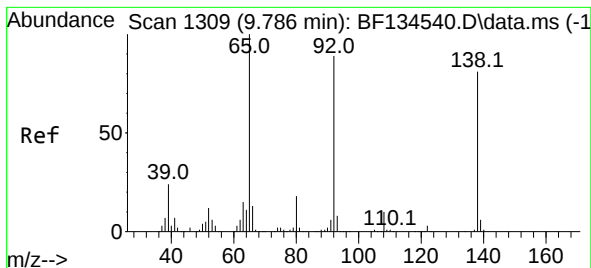
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#52
Acenaphthene
Concen: 45.514 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

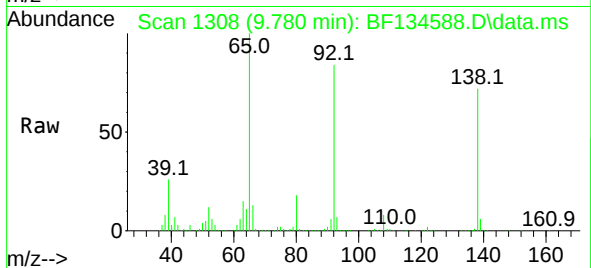
Tgt Ion:154 Resp: 844552
Ion Ratio Lower Upper
154 100
153 109.3 90.0 135.0
152 50.2 42.4 63.6





#53
3-Nitroaniline
Concen: 41.090 ng
RT: 9.780 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

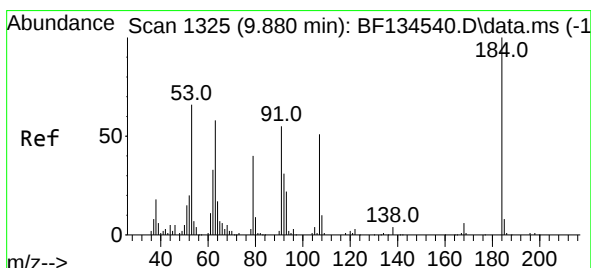
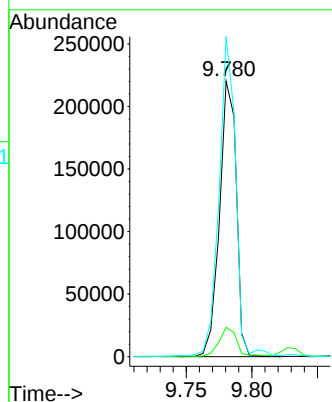
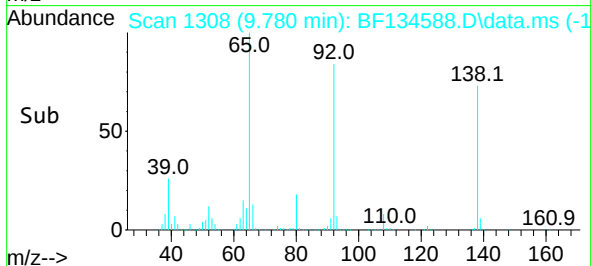
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:138 Resp: 195149
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 116.1 86.6 129.8

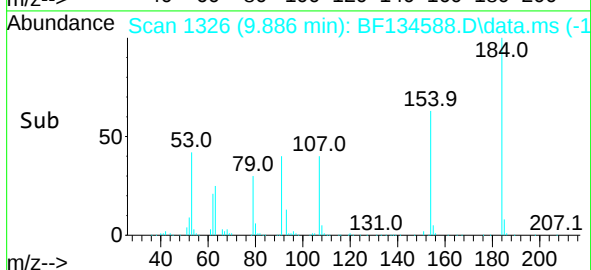
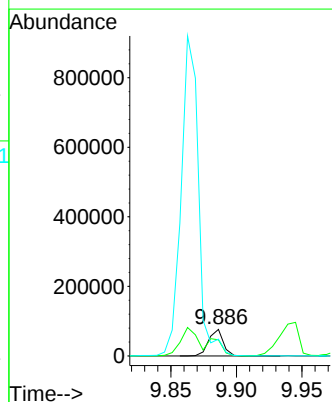
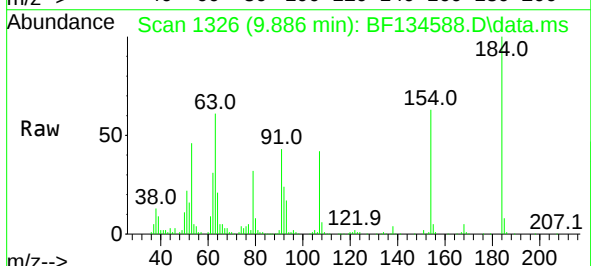
Manual Integrations
APPROVED

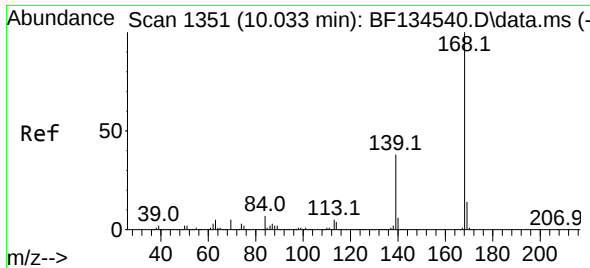
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#54
2,4-Dinitrophenol
Concen: 43.961 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

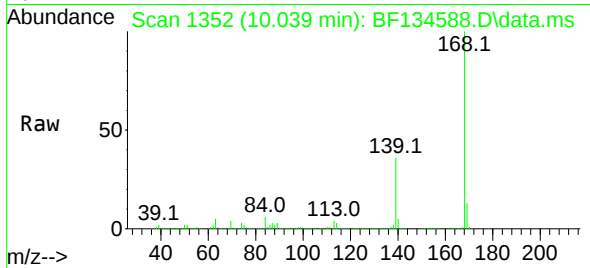
Tgt Ion:184 Resp: 59418
Ion Ratio Lower Upper
184 100
63 61.1 57.1 85.7
154 63.3 59.1 88.7





#55
Dibenzenofuran
Concen: 44.659 ng
RT: 10.039 min Scan# 117968
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

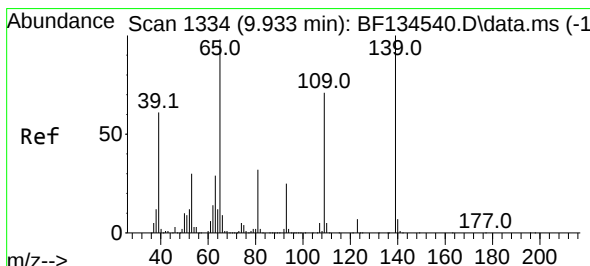
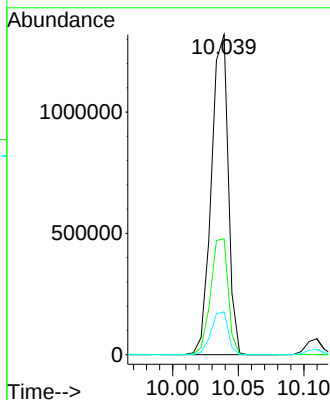
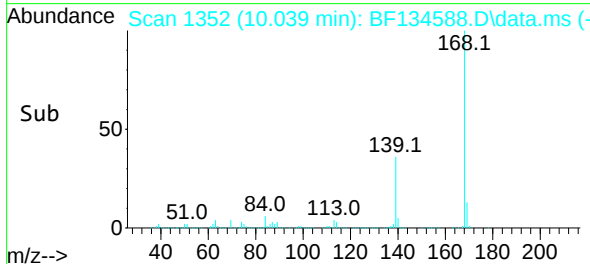
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:168 Resp: 117968
Ion Ratio Lower Upper
168 100
139 36.3 33.4 50.2
169 13.4 10.6 15.8

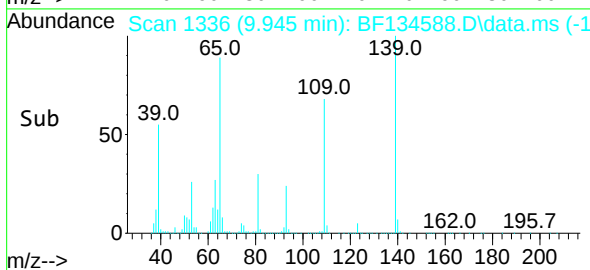
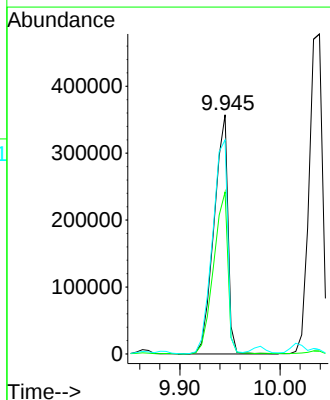
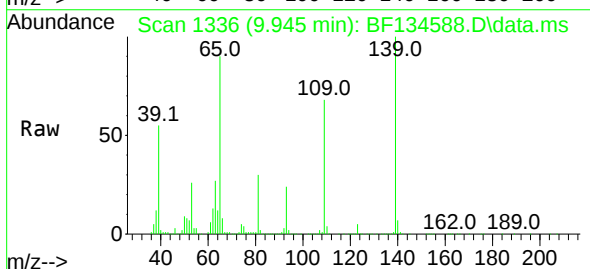
Manual Integrations
APPROVED

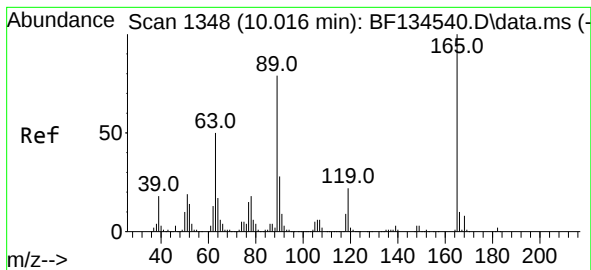
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#56
4-Nitrophenol
Concen: 88.606 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

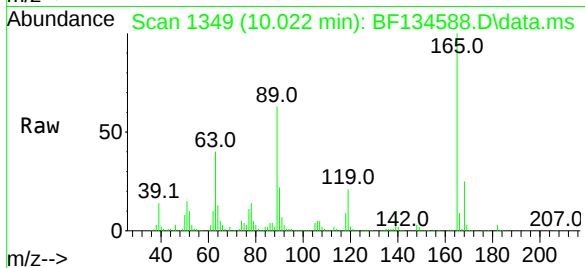
Tgt Ion:139 Resp: 344175
Ion Ratio Lower Upper
139 100
109 67.7 76.9 116.9#
65 89.5 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 50.095 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

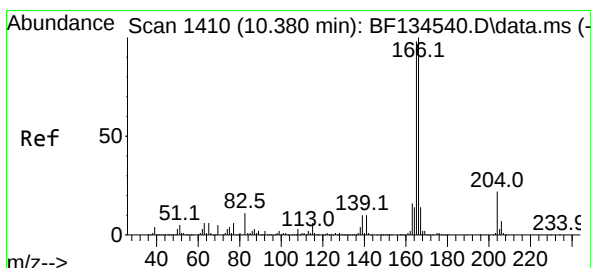
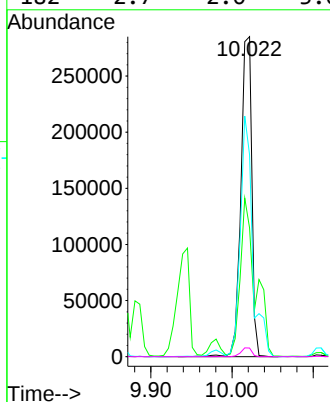
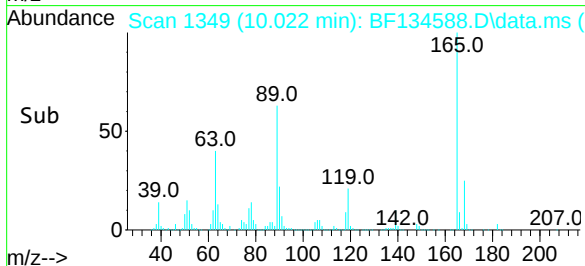
Instrument :
BNA_F
ClientSampleId :
342MSD



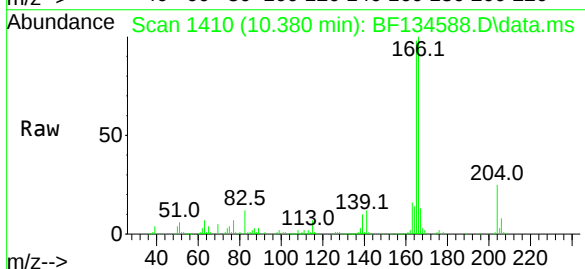
Tgt Ion:165 Resp: 26485
Ion Ratio Lower Upper
165 100
63 40.2 48.9 73.3
89 63.1 61.7 92.5
182 2.7 2.0 3.0

Manual Integrations
APPROVED

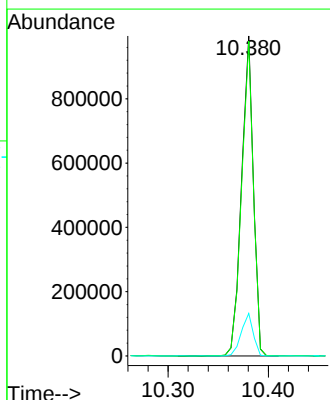
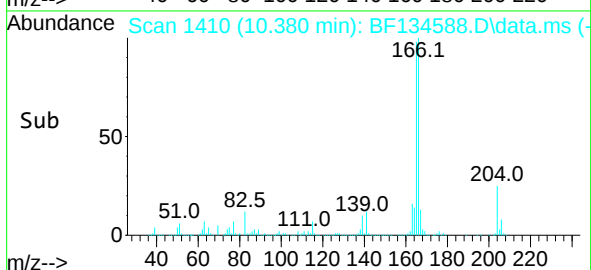
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

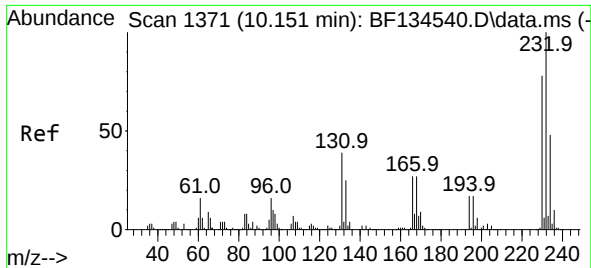


#58
Fluorene
Concen: 42.559 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



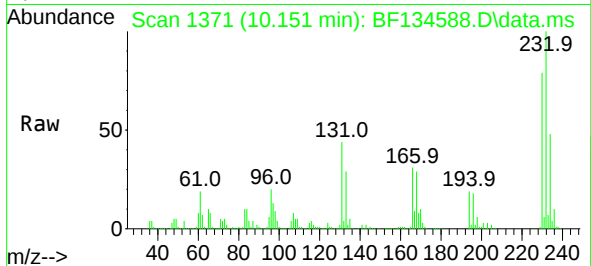
Tgt Ion:166 Resp: 818856
Ion Ratio Lower Upper
166 100
165 98.4 74.5 111.7
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.506 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

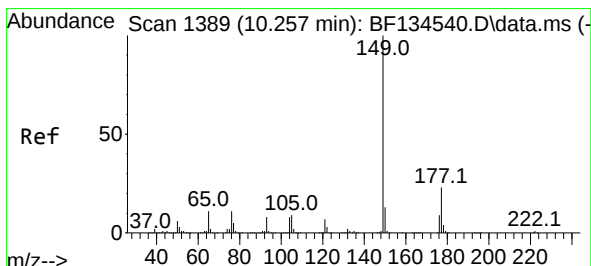
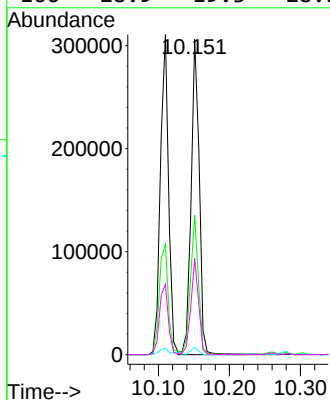
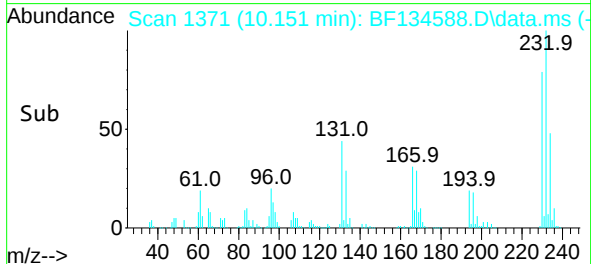
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:232 Resp: 244810
Ion Ratio Lower Upper
232 100
131 42.9 33.4 50.0
130 2.3 1.8 2.6
166 28.9 19.3 28.9#

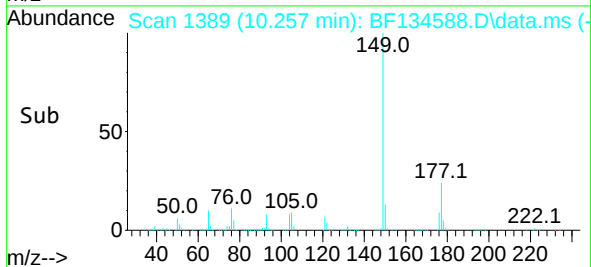
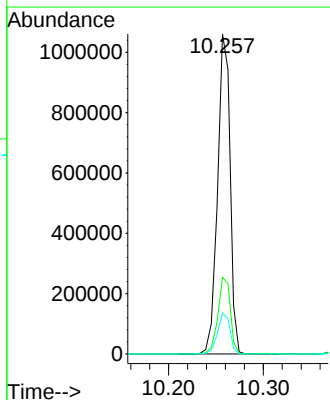
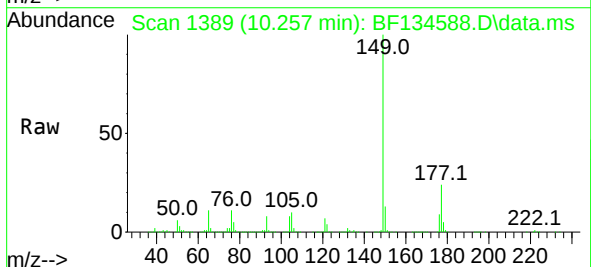
Manual Integrations
APPROVED

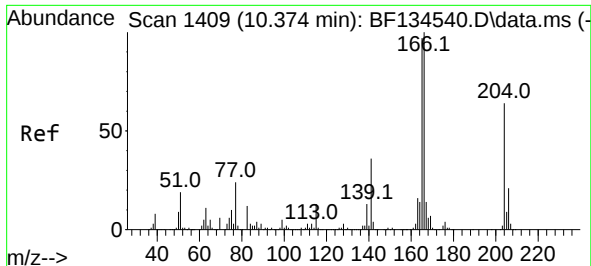
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#60
Diethylphthalate
Concen: 48.412 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

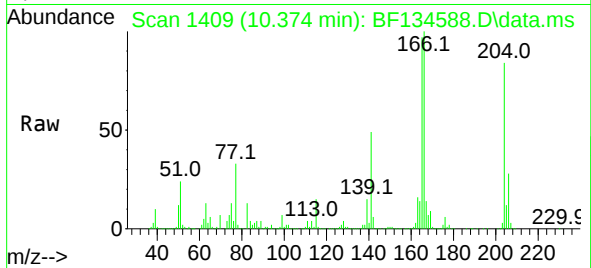
Tgt Ion:149 Resp: 977765
Ion Ratio Lower Upper
149 100
177 23.9 17.0 25.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.801 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

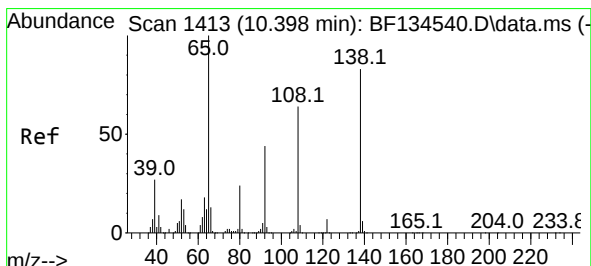
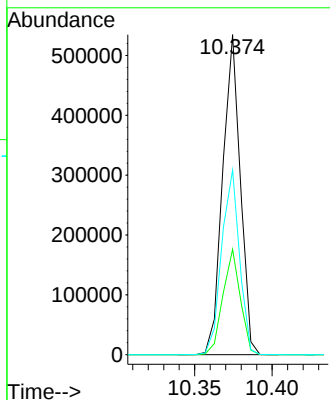
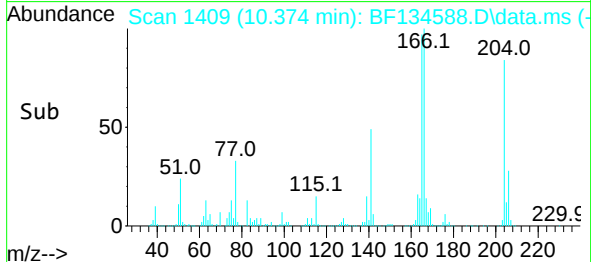
Instrument :
BNA_F
ClientSampleId :
342MSD



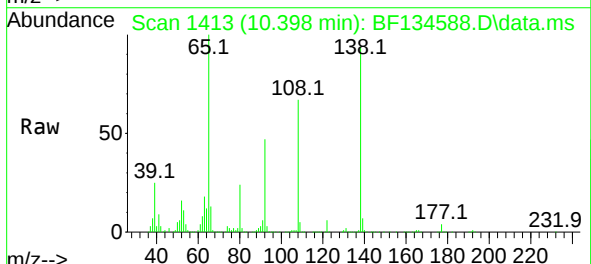
Tgt Ion:204 Resp: 42369
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 57.7 52.2 78.4

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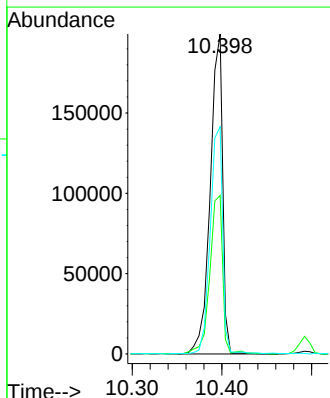
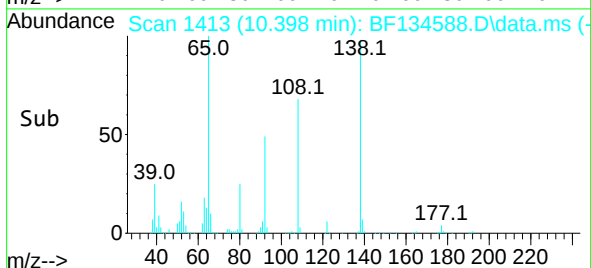
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

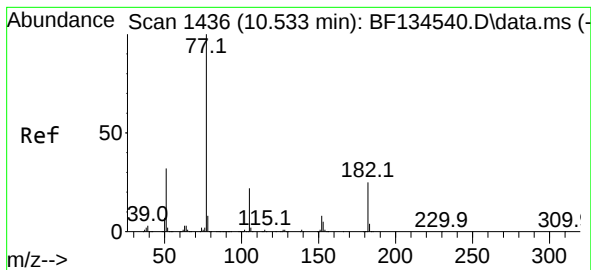


#62
4-Nitroaniline
Concen: 41.064 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



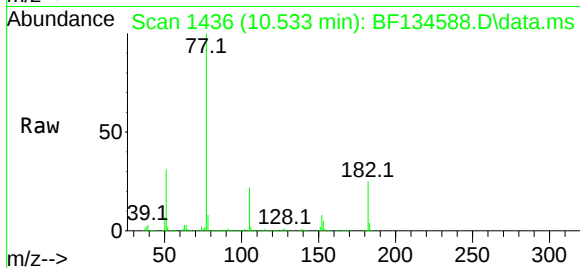
Tgt Ion:138 Resp: 191155
Ion Ratio Lower Upper
138 100
92 49.5 27.0 67.0
108 71.0 70.4 110.4





#63
Azobenzene
Concen: 42.120 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

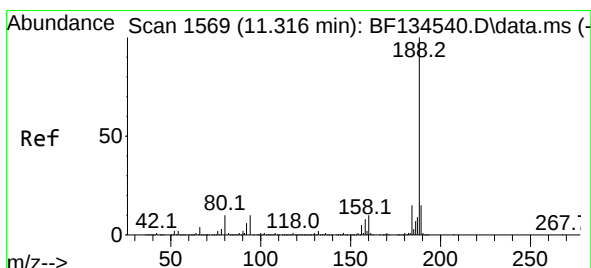
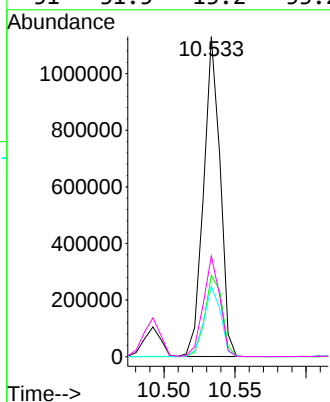
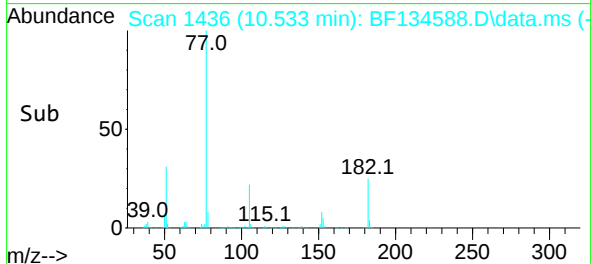
Instrument :
BNA_F
ClientSampleId :
342MSD



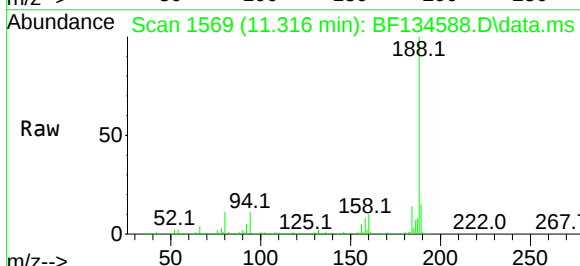
Tgt Ion: 77 Resp: 913980
Ion Ratio Lower Upper
77 100
182 25.4 7.5 47.5
105 22.1 1.9 41.9
51 31.5 13.2 53.2

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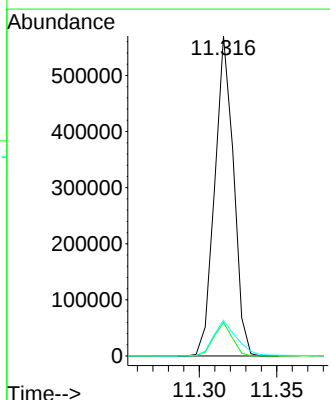
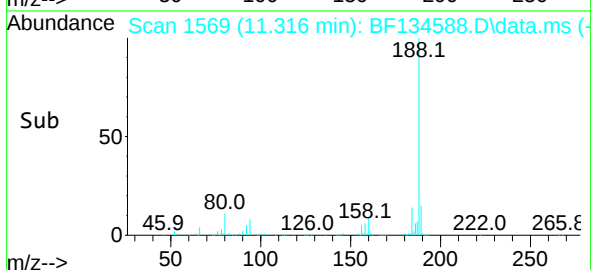
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

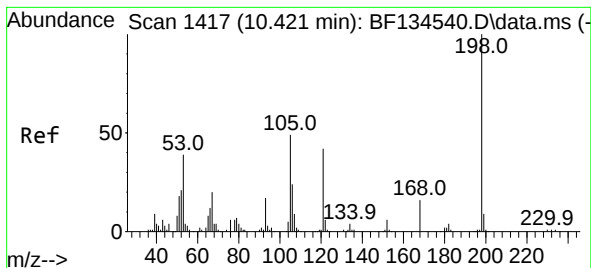


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



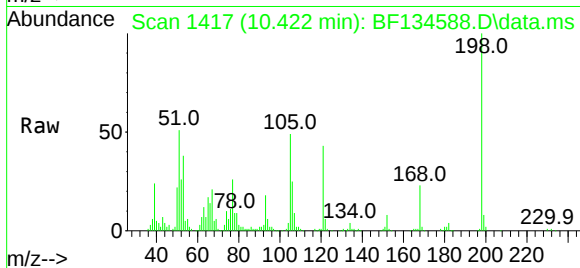
Tgt Ion:188 Resp: 481026
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 11.1 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 27.637 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.001 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

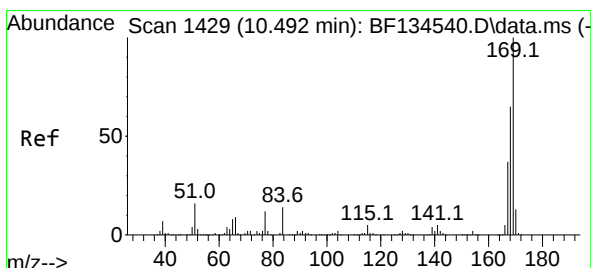
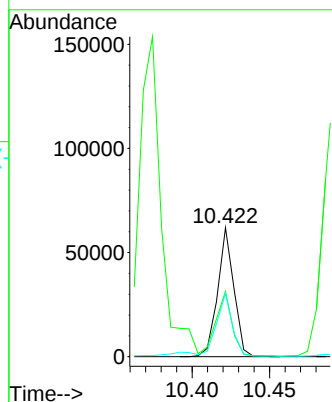
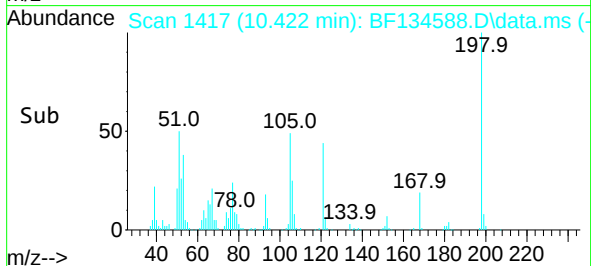
Instrument :
BNA_F
ClientSampleId :
342MSD



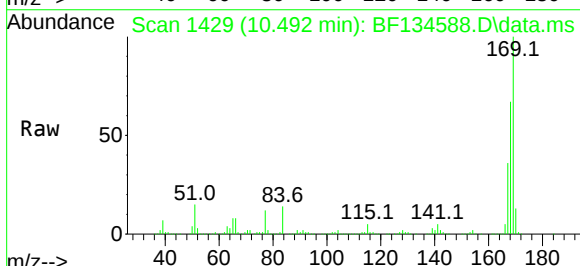
Tgt Ion:198 Resp: 44969
Ion Ratio Lower Upper
198 100
51 50.7 38.6 78.6
105 49.0 27.9 67.9

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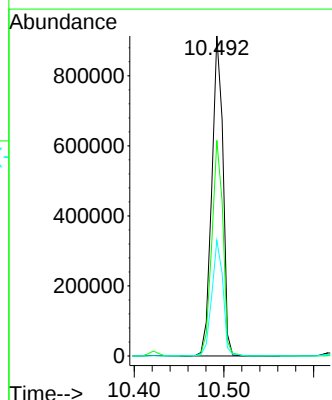
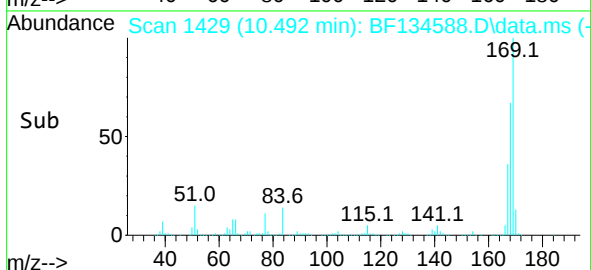
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

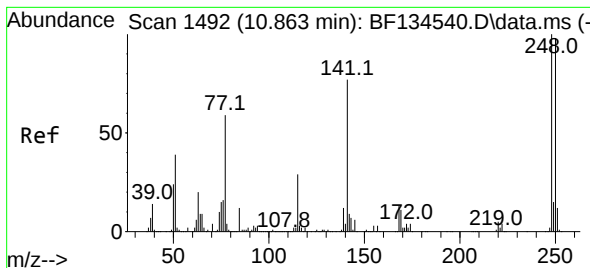


#66
n-Nitrosodiphenylamine
Concen: 51.461 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



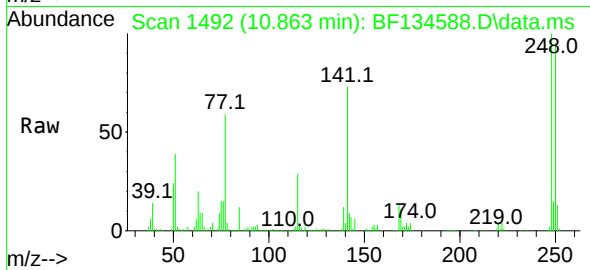
Tgt Ion:169 Resp: 787906
Ion Ratio Lower Upper
169 100
168 67.4 52.6 78.8
167 36.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 52.272 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

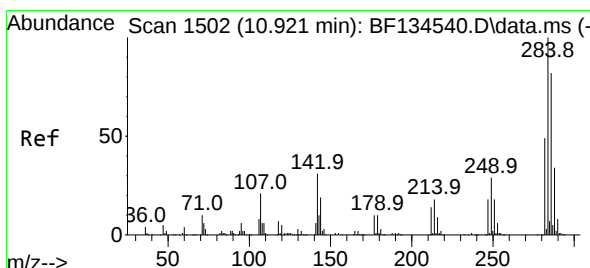
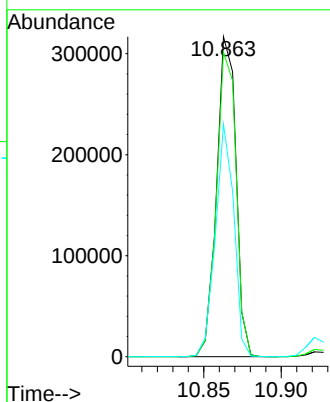
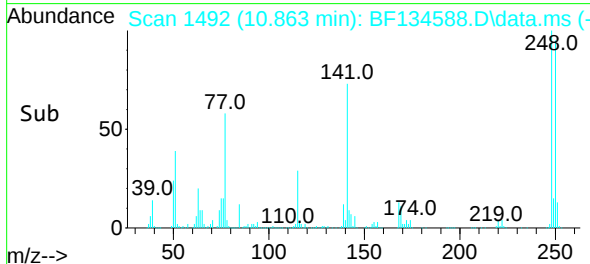
Instrument :
BNA_F
ClientSampleId :
342MSD



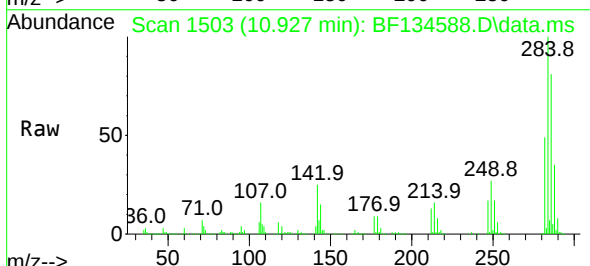
Tgt Ion:248 Resp: 275248
Ion Ratio Lower Upper
248 100
250 95.2 79.6 119.4
141 72.7 59.6 89.4

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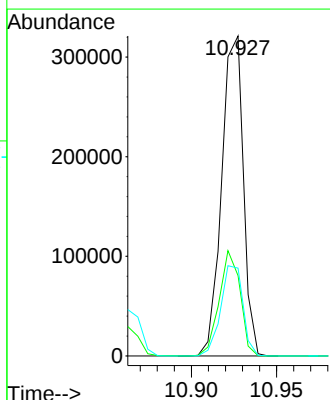
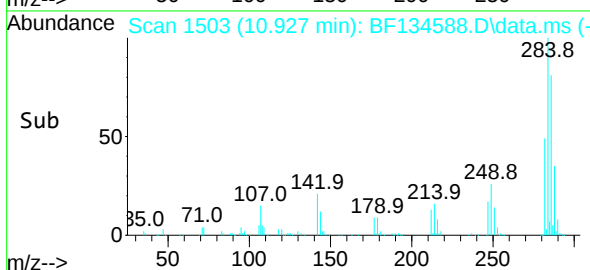
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

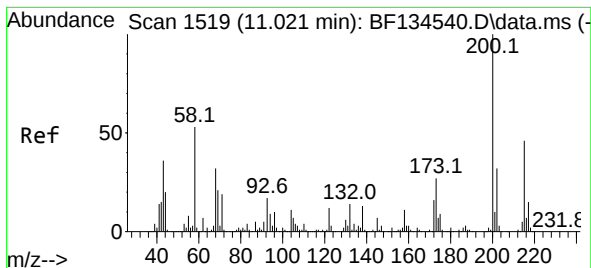


#68
Hexachlorobenzene
Concen: 51.104 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



Tgt Ion:284 Resp: 284165
Ion Ratio Lower Upper
284 100
142 25.1 26.5 39.7#
249 27.4 23.8 35.8





#69

Atrazine

Concen: 59.883 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:200 Resp: 24712

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

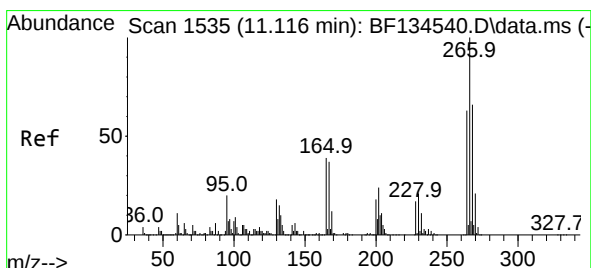
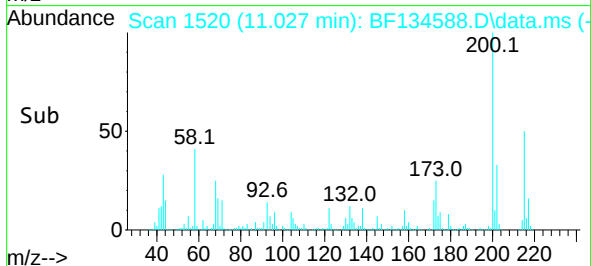
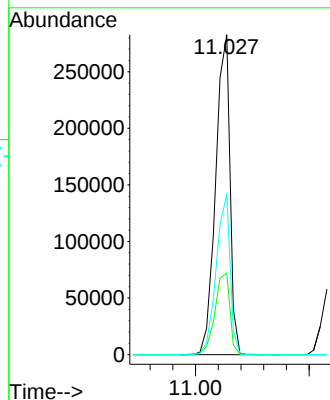
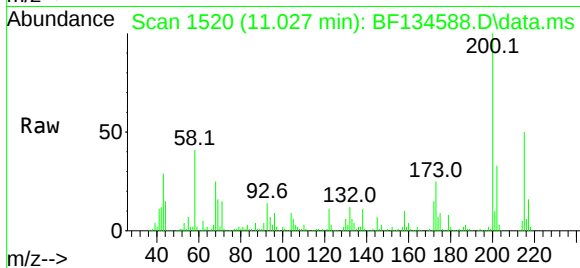
215 50.0 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#70

Pentachlorophenol

Concen: 82.055 ng

RT: 11.121 min Scan# 1536

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

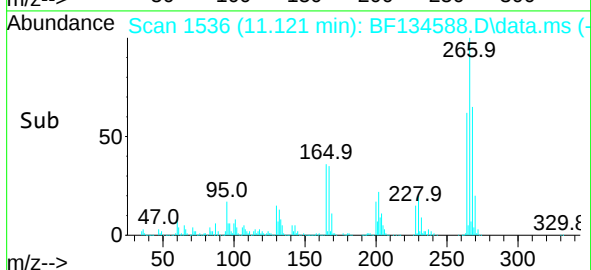
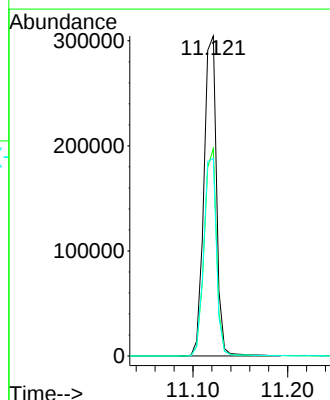
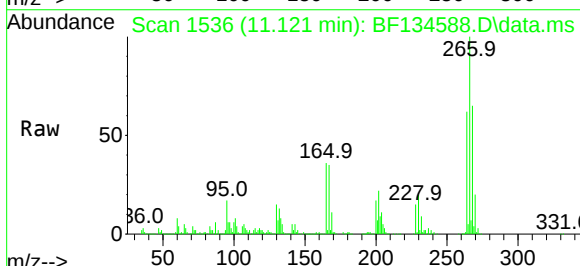
Tgt Ion:266 Resp: 282505

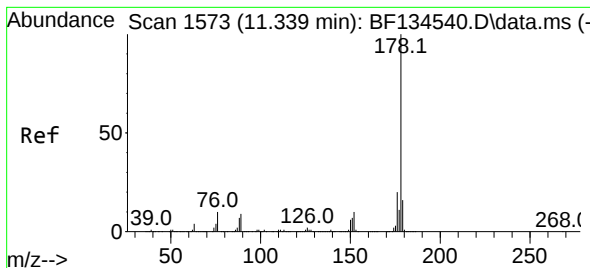
Ion Ratio Lower Upper

266 100

268 64.8 52.9 79.3

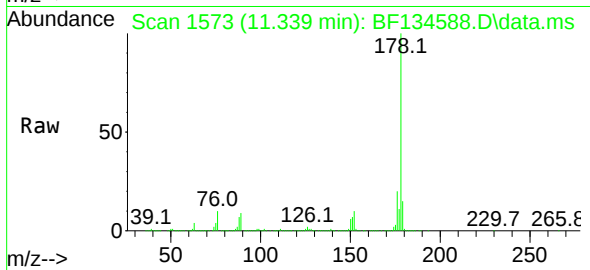
264 61.8 47.8 71.6





#71
Phenanthrene
Concen: 48.092 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

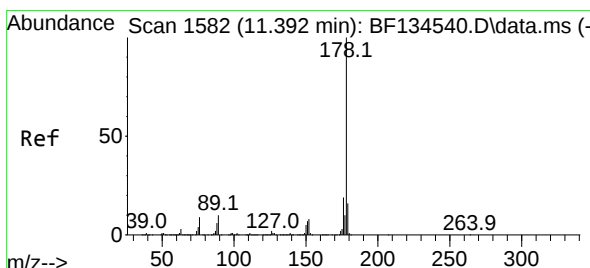
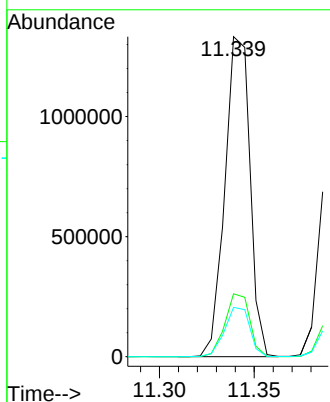
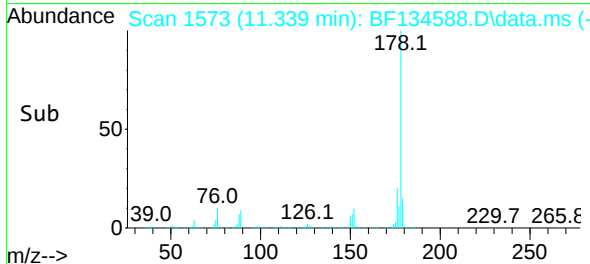
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:178 Resp: 1228748
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.4 12.7 19.1

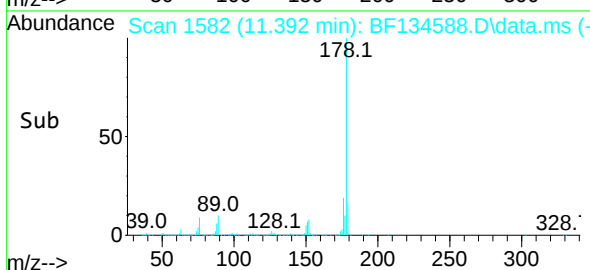
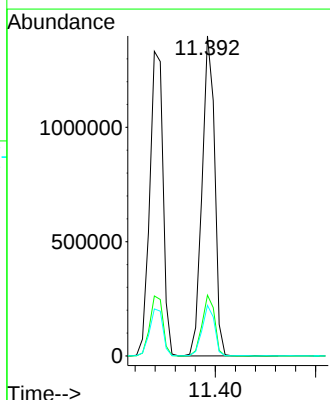
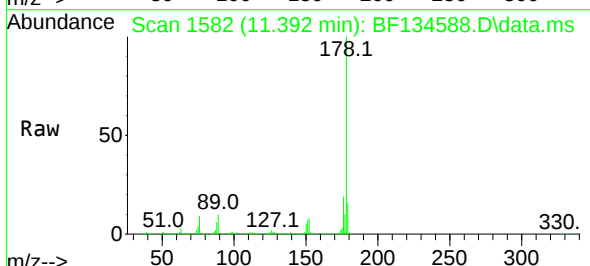
Manual Integrations
APPROVED

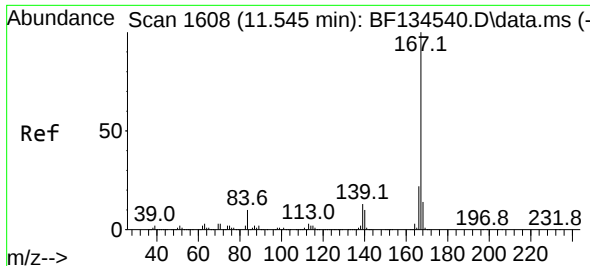
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#72
Anthracene
Concen: 47.085 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

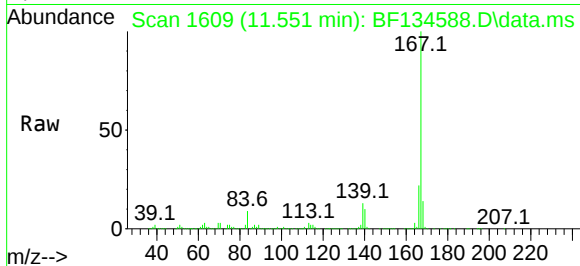
Tgt Ion:178 Resp: 1228829
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 45.466 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

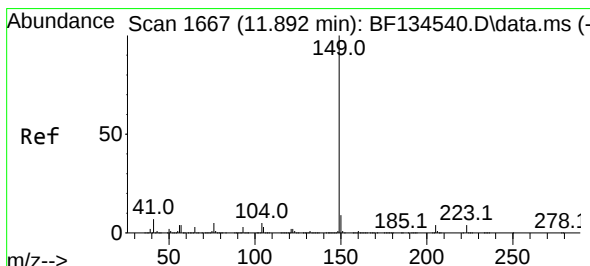
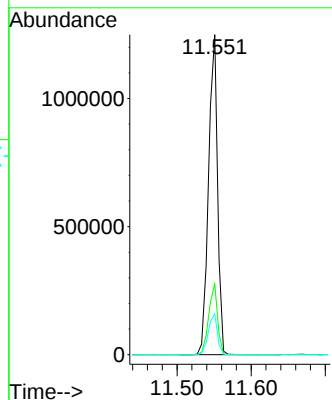
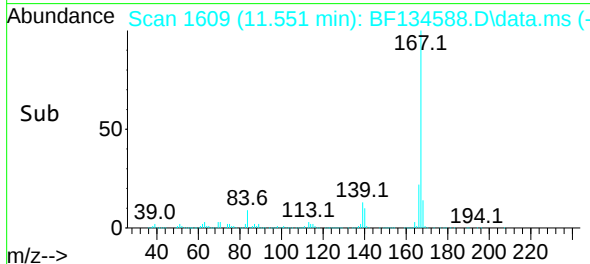
Instrument :
 BNA_F
 ClientSampleId :
 342MSD



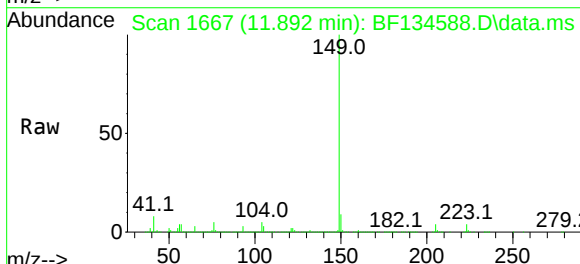
Tgt Ion:167 Resp: 1059462
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 12.8 11.0 16.4

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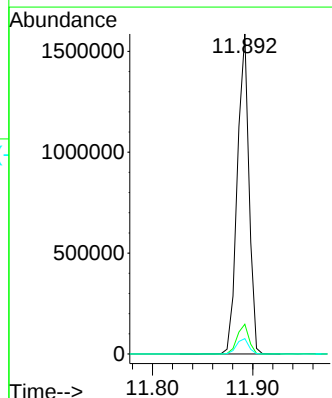
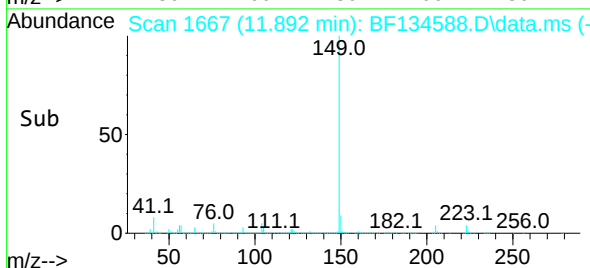
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

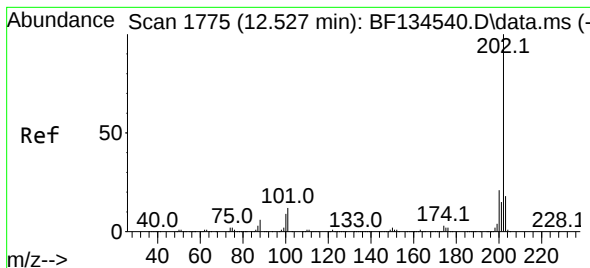


#74
 Di-n-butylphthalate
 Concen: 51.448 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37



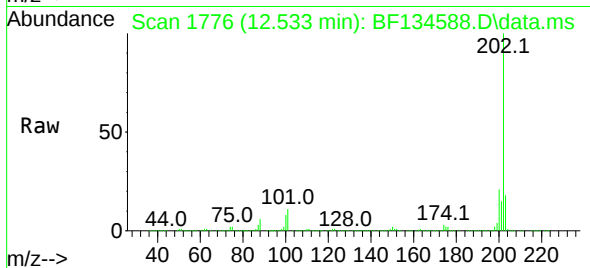
Tgt Ion:149 Resp: 1273672
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 48.498 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

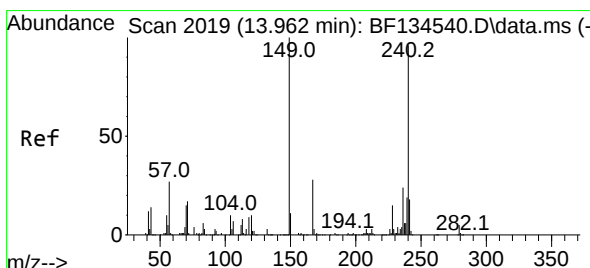
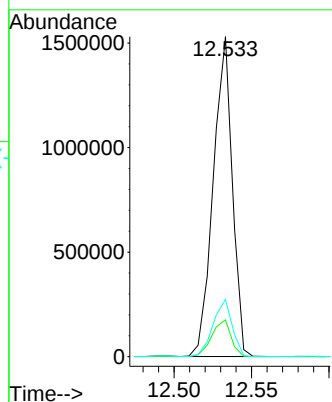
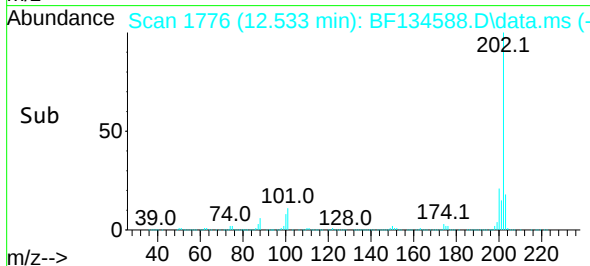
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:202 Resp: 1308900
Ion Ratio Lower Upper
202 100
101 11.5 0.0 28.5
203 17.9 0.0 37.5

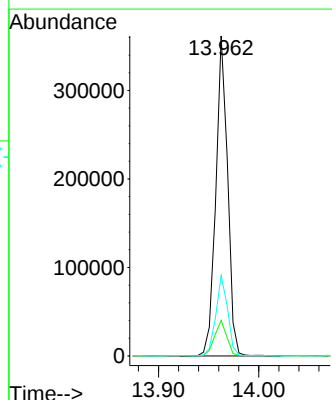
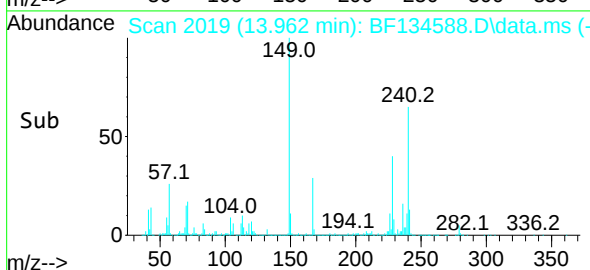
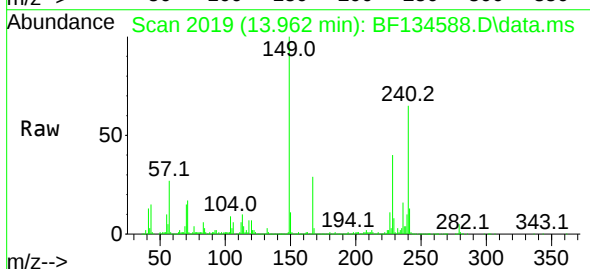
Manual Integrations
APPROVED

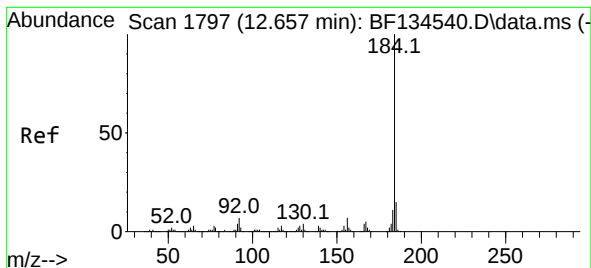
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:240 Resp: 295202
Ion Ratio Lower Upper
240 100
120 11.1 6.6 10.0#
236 25.2 20.2 30.2





#77

Benzidine

Concen: 78.429 ng

RT: 12.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:184 Resp: 502590

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

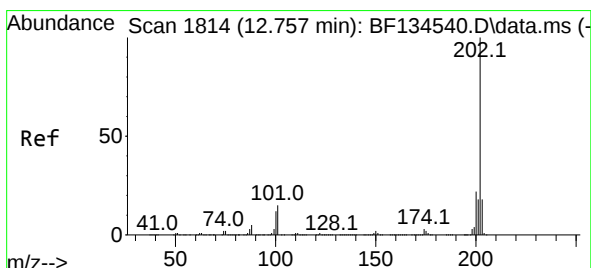
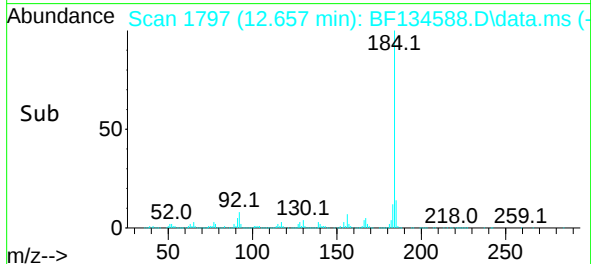
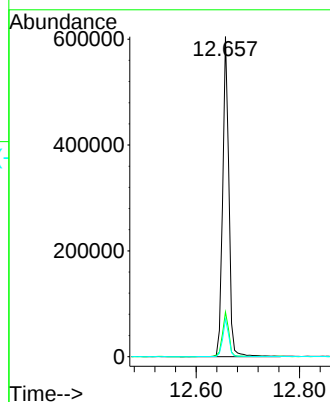
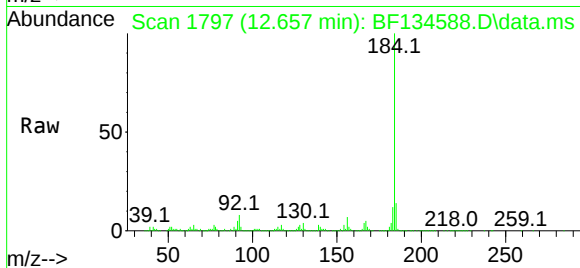
183 11.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#78

Pyrene

Concen: 51.591 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

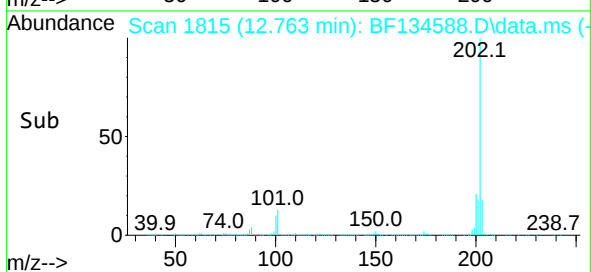
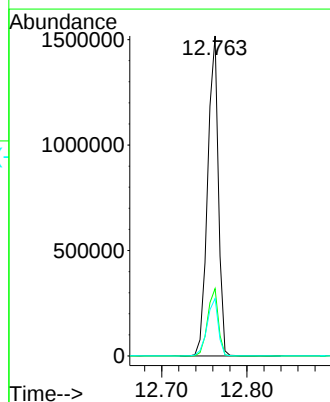
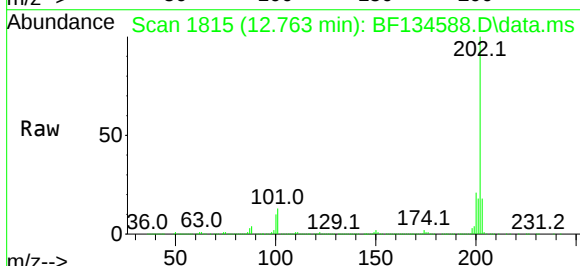
Tgt Ion:202 Resp: 1317863

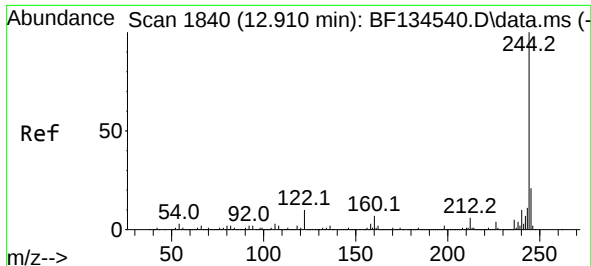
Ion Ratio Lower Upper

202 100

200 21.0 15.8 23.8

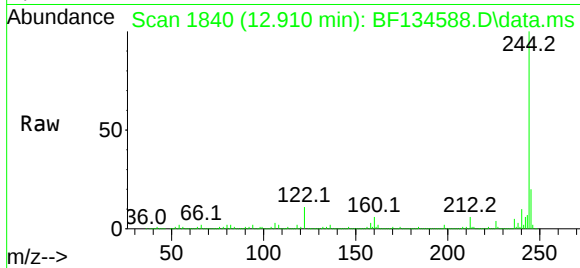
203 17.9 13.5 20.3





#79
 Terphenyl-d14
 Concen: 71.353 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37

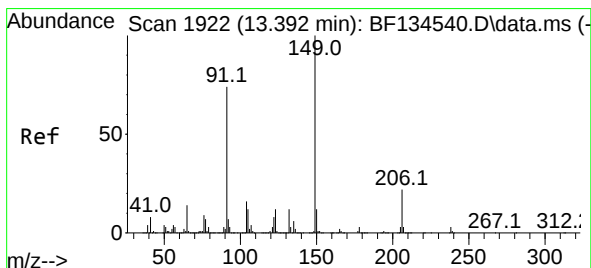
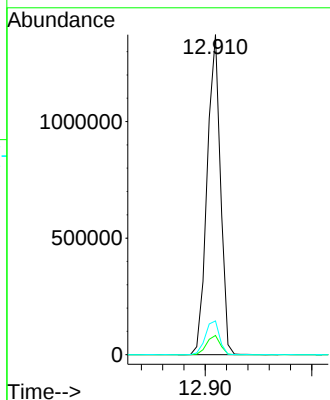
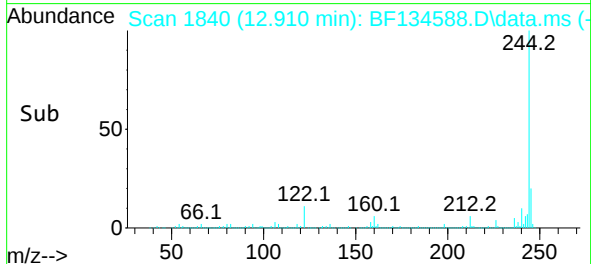
Instrument :
 BNA_F
 ClientSampleId :
 342MSD



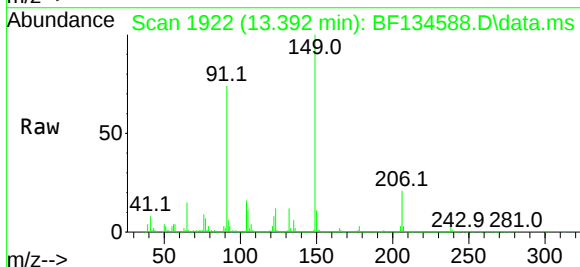
Tgt Ion:244 Resp: 1194840
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 10.6 8.0 12.0

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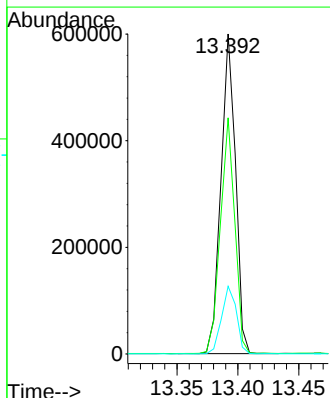
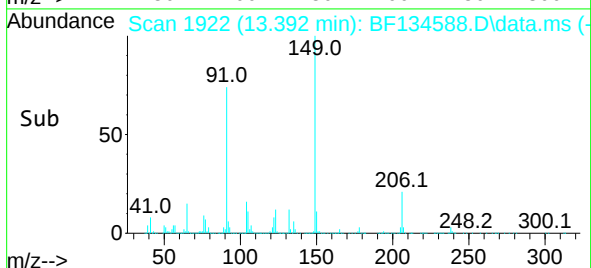
Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

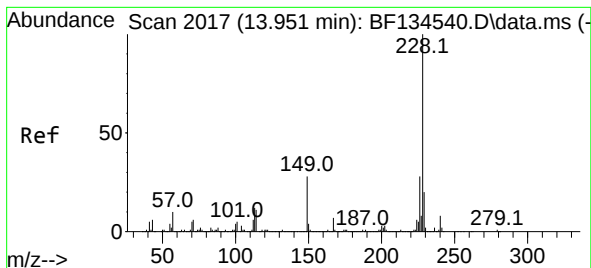


#80
 Butylbenzylphthalate
 Concen: 57.921 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF134588.D
 Acq: 02 Aug 2023 19:37



Tgt Ion:149 Resp: 500304
 Ion Ratio Lower Upper
 149 100
 91 73.8 55.8 83.6
 206 21.2 14.6 21.8





#81

Benzo(a)anthracene

Concen: 48.359 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:228 Resp: 1020780

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

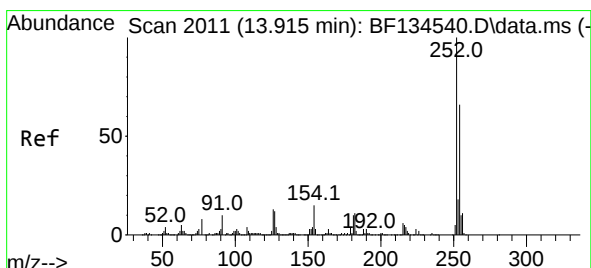
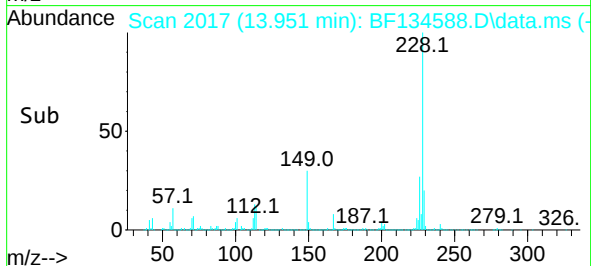
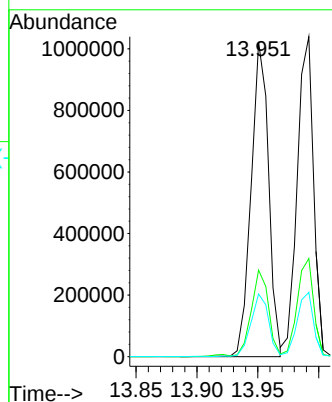
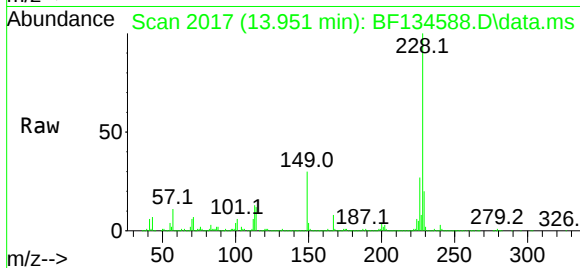
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 57.025 ng

RT: 13.921 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

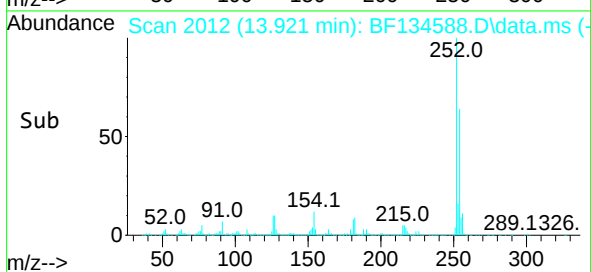
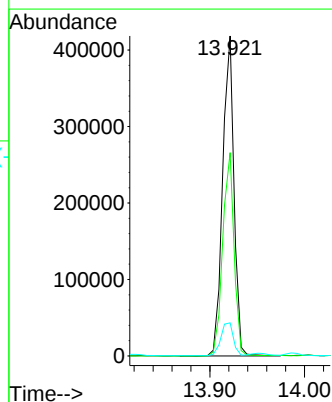
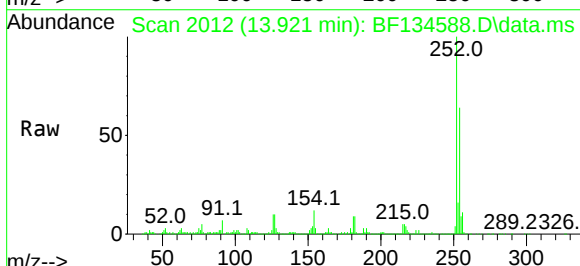
Tgt Ion:252 Resp: 348912

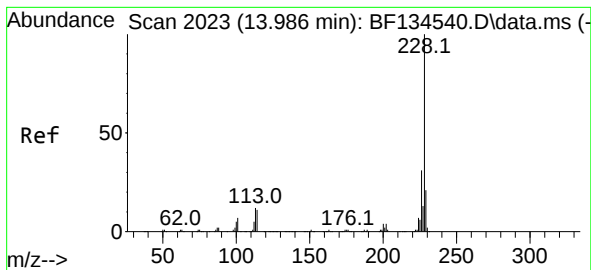
Ion Ratio Lower Upper

252 100

254 63.6 52.7 79.1

126 10.3 7.2 10.8





#83

Chrysene

Concen: 47.137 ng

RT: 13.992 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

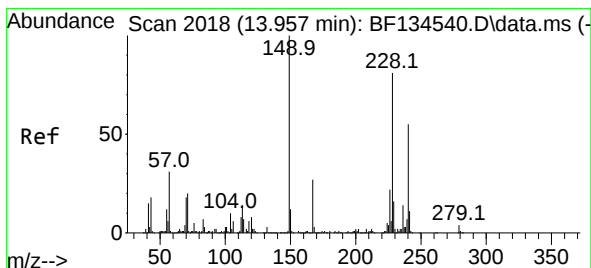
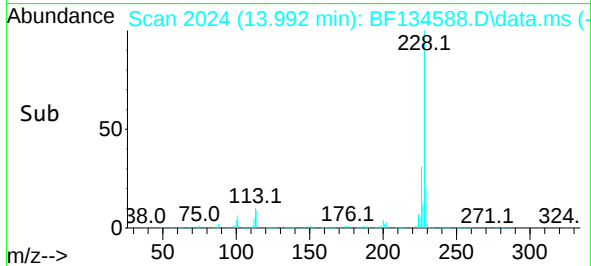
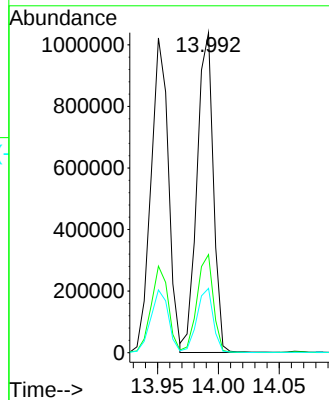
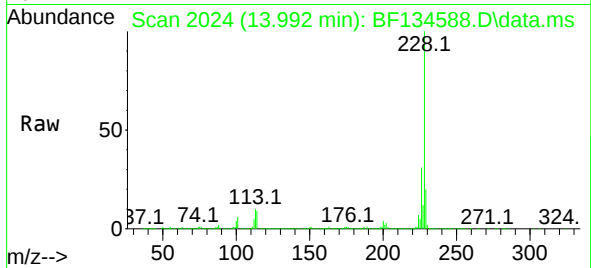
Tgt Ion:228	Resp: 969375
Ion Ratio	Lower Upper
228 100	
226 30.6	24.5 36.7
229 20.1	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.952 ng

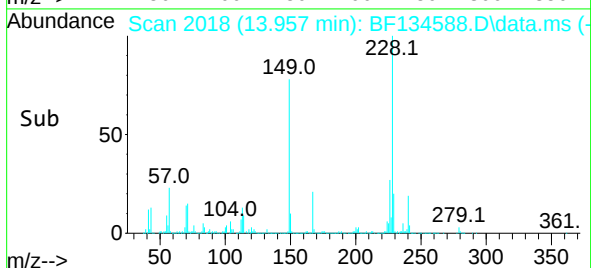
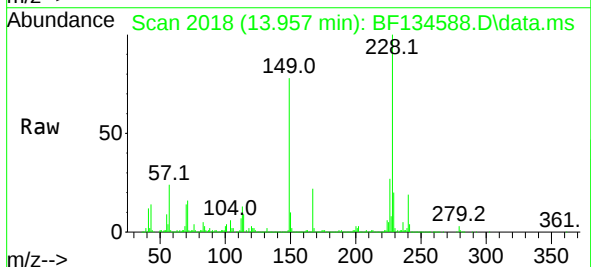
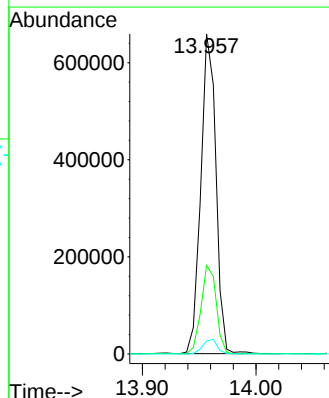
RT: 13.957 min Scan# 2018

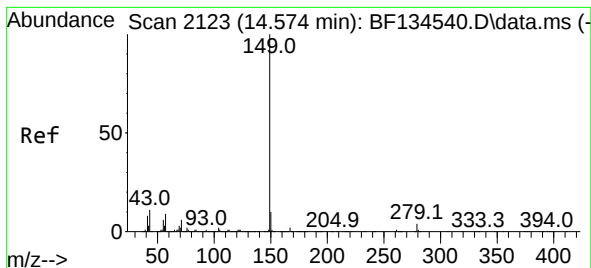
Delta R.T. 0.000 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

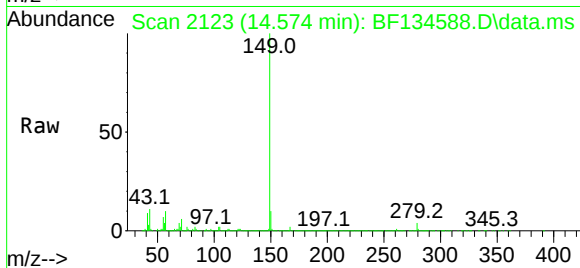
Tgt Ion:149	Resp: 609401
Ion Ratio	Lower Upper
149 100	
167 27.6	21.6 32.4
279 4.1	3.5 5.3





#85
Di-n-octyl phthalate
Concen: 71.404 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

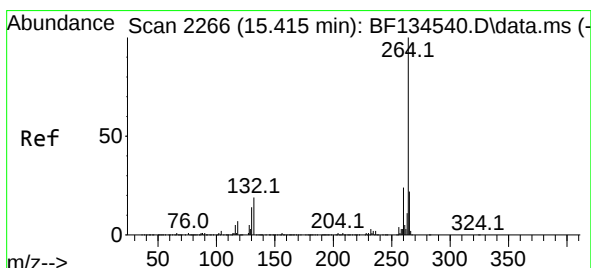
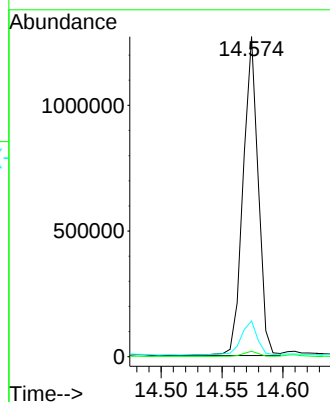
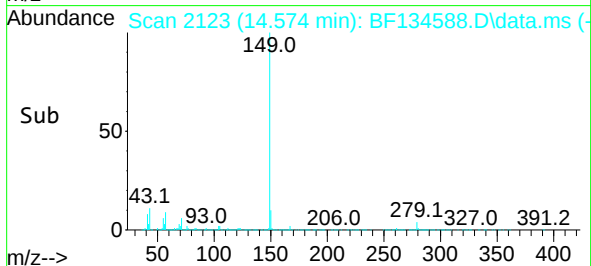
Instrument :
BNA_F
ClientSampleId :
342MSD



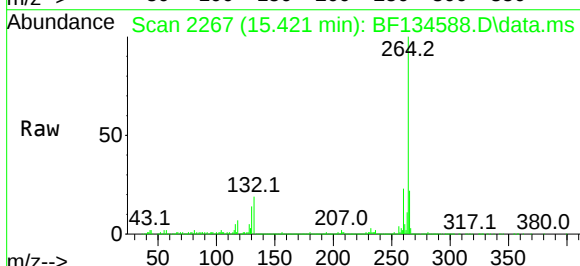
Tgt Ion:149 Resp: 1103749
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 11.4 8.1 12.1

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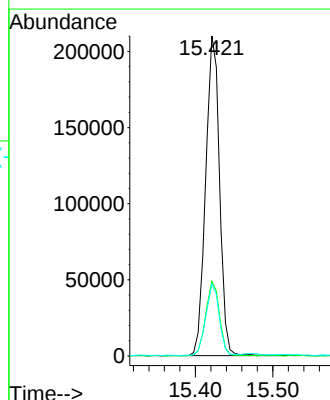
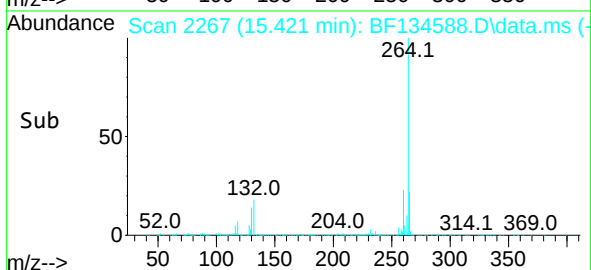
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

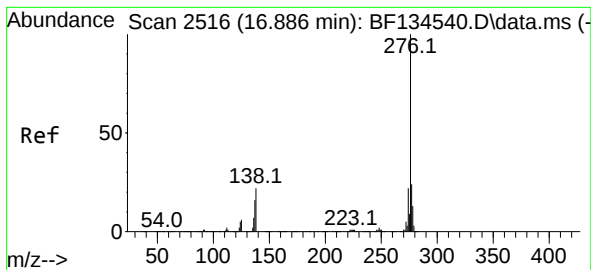


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37



Tgt Ion:264 Resp: 261683
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 22.4 15.8 23.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.757 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.012 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

Instrument :

BNA_F

ClientSampleId :

342MSD

Tgt Ion:276 Resp: 75038

Ion Ratio Lower Upper

276 100

138 25.5 14.2 21.4

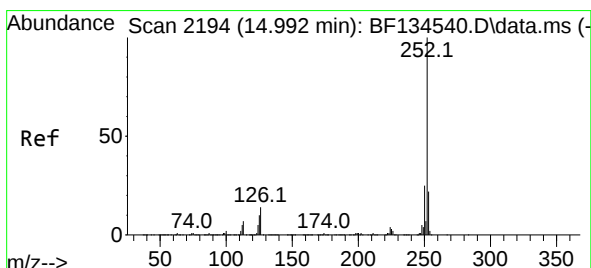
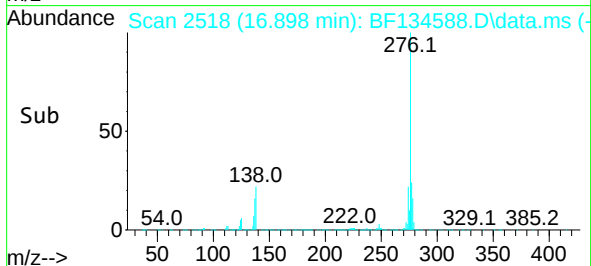
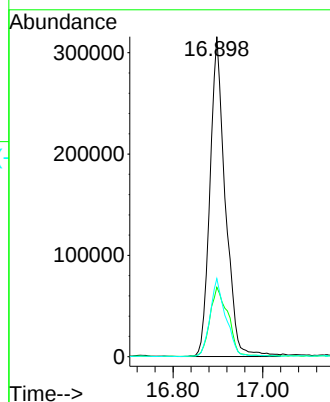
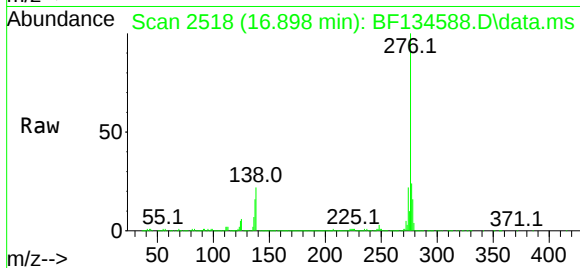
277 24.7 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023



#88

Benzo(b)fluoranthene

Concen: 51.200 ng

RT: 14.998 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF134588.D

Acq: 02 Aug 2023 19:37

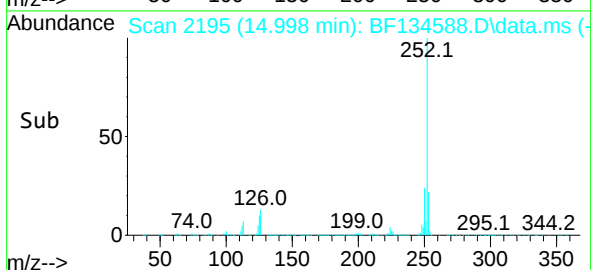
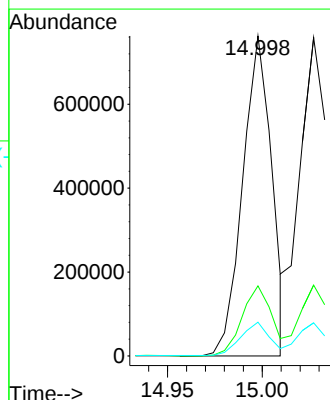
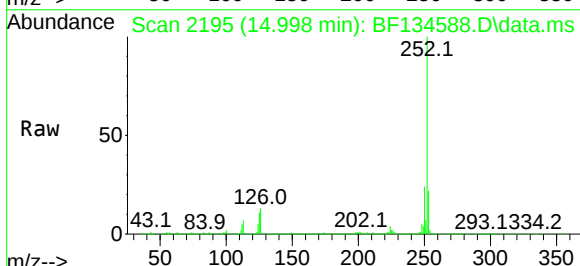
Tgt Ion:252 Resp: 817138

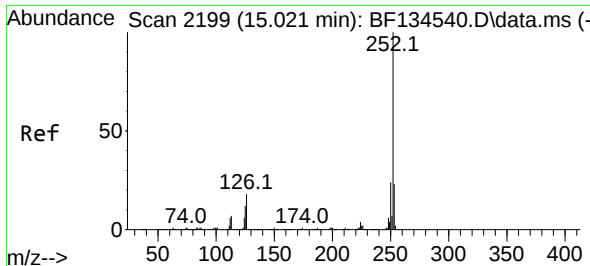
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

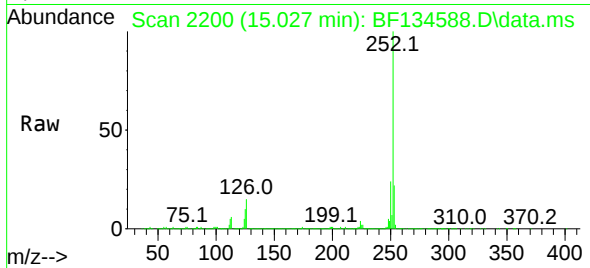
125 10.5 6.0 9.0





#89
Benzo(k)fluoranthene
Concen: 48.990 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

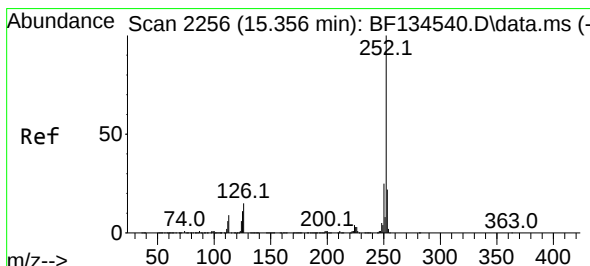
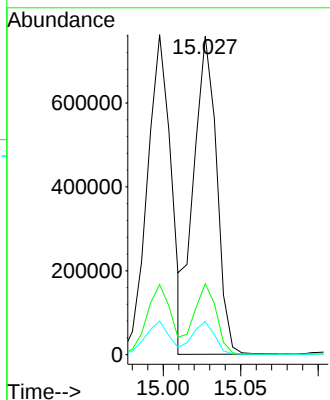
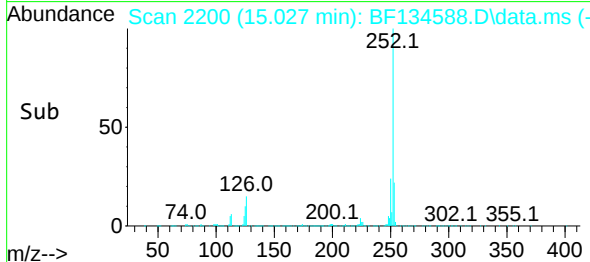
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:252 Resp: 77887
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.4 6.3 9.5

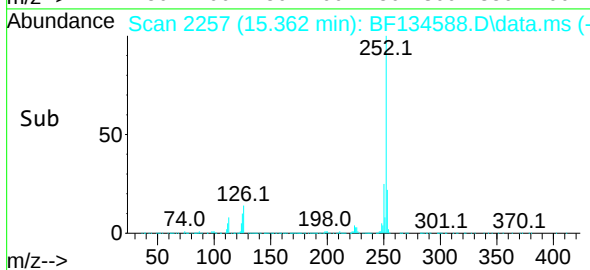
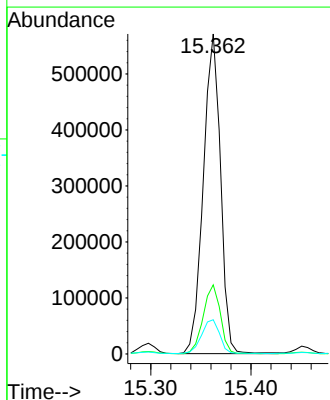
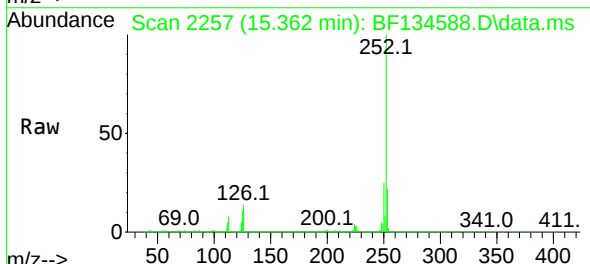
Manual Integrations
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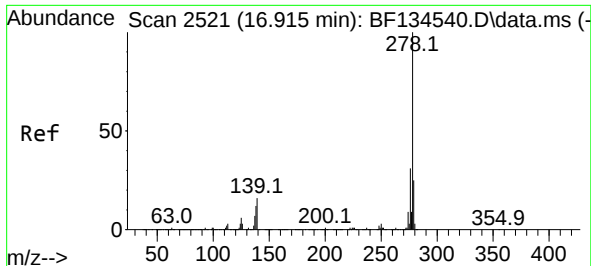
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023



#90
Benzo(a)pyrene
Concen: 45.868 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

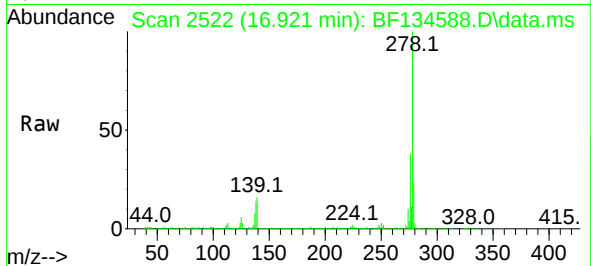
Tgt Ion:252 Resp: 682548
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 10.7 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 49.822 ng
RT: 16.921 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

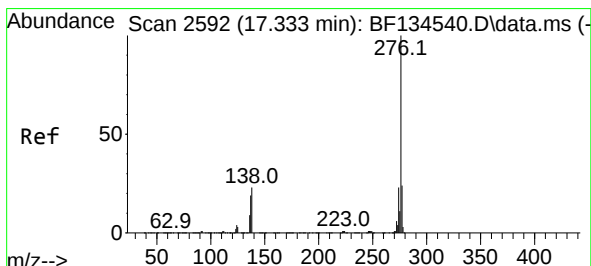
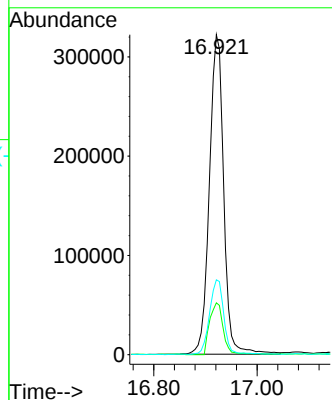
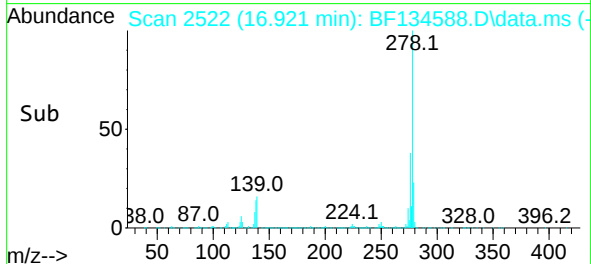
Instrument :
BNA_F
ClientSampleId :
342MSD



Tgt Ion:278 Resp: 61967
Ion Ratio Lower Upper
278 100
139 16.2 10.0 15.0
279 23.4 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: 44.913 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF134588.D
Acq: 02 Aug 2023 19:37

Tgt Ion:276 Resp: 569825
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 22.3 12.2 18.2#

