

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134682.D
 Acq On : 09 Aug 2023 10:30
 Operator : CG\JU
 Sample : 03781-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 10 01:36:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	197172	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	781999	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	399436	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	662804	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	335577	20.000	ng	0.02
86) Perylene-d12	15.468	264	437414	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1102755	85.017	ng	0.01
7) Phenol-d6	6.445	99	1538678	92.798	ng	0.00
23) Nitrobenzene-d5	7.369	82	931909	74.473	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	370063	90.883	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1663260	69.235	ng	0.00
79) Terphenyl-d14	12.927	244	1447710	76.052	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	205802	34.485	ng	# 94
3) Pyridine	3.346	79	533709	33.003	ng	91
4) n-Nitrosodimethylamine	3.310	42	298819	38.673	ng	# 60
6) Aniline	6.481	93	637662	29.320	ng	91
8) 2-Chlorophenol	6.592	128	614165	46.938	ng	95
9) Benzaldehyde	6.357	77	320820	40.374	ng	97
10) Phenol	6.463	94	720514m	44.096	ng	
11) bis(2-Chloroethyl)ether	6.545	93	587473	45.259	ng	93
12) 1,3-Dichlorobenzene	6.745	146	611108	45.141	ng	96
13) 1,4-Dichlorobenzene	6.822	146	618130	45.559	ng	98
14) 1,2-Dichlorobenzene	6.975	146	593607	46.956	ng	96
15) Benzyl Alcohol	6.951	79	514333	44.964	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	910185	44.758	ng	89
17) 2-Methylphenol	7.063	107	482007	41.687	ng	91
18) Hexachloroethane	7.310	117	222121	46.646	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	389592	39.244	ng	91
20) 3+4-Methylphenols	7.216	107	545762	39.139	ng	# 85
22) Acetophenone	7.216	105	735298	40.730	ng	# 94
24) Nitrobenzene	7.386	77	624361	46.184	ng	97
25) Isophorone	7.628	82	1174120	43.019	ng	99
26) 2-Nitrophenol	7.704	139	315951	54.231	ng	# 84
27) 2,4-Dimethylphenol	7.739	122	488370	40.103	ng	87
28) bis(2-Chloroethoxy)met...	7.839	93	721577	44.196	ng	99
29) 2,4-Dichlorophenol	7.945	162	506806	45.853	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	538163	45.660	ng	97
31) Naphthalene	8.104	128	1652869	42.056	ng	98
32) Benzoic acid	7.881	122	403669	50.353	ng	91
33) 4-Chloroaniline	8.157	127	351238	20.057	ng	97
34) Hexachlorobutadiene	8.222	225	311865	45.872	ng	96
35) Caprolactam	8.533	113	175185m	49.127	ng	
36) 4-Chloro-3-methylphenol	8.645	107	533852	45.607	ng	91
37) 2-Methylnaphthalene	8.798	142	1068155	41.003	ng	99
38) 1-Methylnaphthalene	8.898	142	1025849	42.348	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	524983	45.198	ng	98
41) Hexachlorocyclopentadiene	8.945	237	403640	71.461	ng	92
43) 2,4,6-Trichlorophenol	9.075	196	363514	47.820	ng	98

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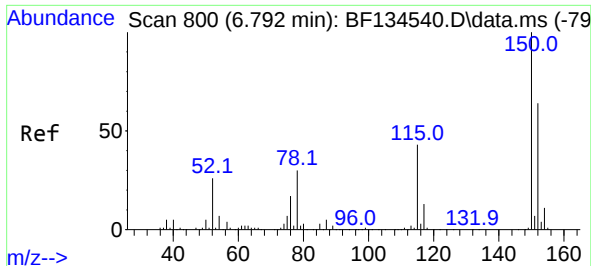
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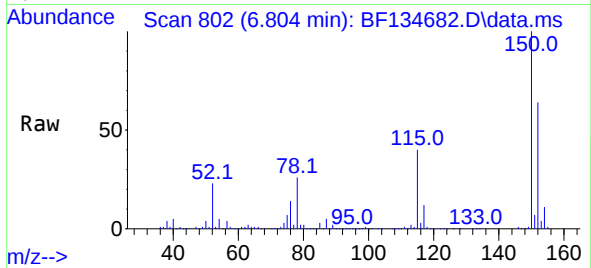
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	384122	44.212	ng	94
46) 1,1'-Biphenyl	9.263	154	1349533	43.447	ng	98
47) 2-Chloronaphthalene	9.286	162	1033702	44.414	ng	99
48) 2-Nitroaniline	9.386	65	347830	47.941	ng	92
49) Acenaphthylene	9.704	152	1550431	42.379	ng	99
50) Dimethylphthalate	9.569	163	1255279	46.109	ng	97
51) 2,6-Dinitrotoluene	9.633	165	280308	50.135	ng	# 77
52) Acenaphthene	9.875	154	1104265m	46.577	ng	
53) 3-Nitroaniline	9.798	138	250474	41.278	ng	97
54) 2,4-Dinitrophenol	9.910	184	240601	98.728	ng	85
55) Dibenzofuran	10.051	168	1397698	41.413	ng	94
56) 4-Nitrophenol	9.969	139	466533	94.004	ng	# 75
57) 2,4-Dinitrotoluene	10.039	165	347721	51.397	ng	# 85
58) Fluorene	10.392	166	1012085	41.170	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325475	47.352	ng	96
60) Diethylphthalate	10.269	149	1184073	45.886	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	523438	43.319	ng	92
62) 4-Nitroaniline	10.416	138	276008	46.407	ng	84
63) Azobenzene	10.545	77	1125602	40.599	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	162325	58.311	ng	85
66) n-Nitrosodiphenylamine	10.504	169	979021	46.407	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	346377	47.739	ng	98
68) Hexachlorobenzene	10.939	284	373182	48.707	ng	96
69) Atrazine	11.039	200	337634	59.378	ng	98
70) Pentachlorophenol	11.133	266	362818	76.481	ng	95
71) Phenanthrene	11.357	178	1473081	41.842	ng	100
72) Anthracene	11.410	178	1496774	41.623	ng	99
73) Carbazole	11.563	167	1325853	41.293	ng	100
74) Di-n-butylphthalate	11.898	149	1589544	46.598	ng	98
75) Fluoranthene	12.551	202	1321406	35.533	ng	97
77) Benzidine	12.669	184	258047	35.423	ng	97
78) Pyrene	12.780	202	1274654	43.896	ng	97
80) Butylbenzylphthalate	13.410	149	444753	45.295	ng	# 95
81) Benzo(a)anthracene	13.980	228	976919	40.713	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	302433	43.482	ng	# 97
83) Chrysene	14.015	228	982458	42.025	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	540424	46.769	ng	97
85) Di-n-octyl phthalate	14.592	149	1120586	63.772	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.974	276	1150225	44.712	ng	# 91
88) Benzo(b)fluoranthene	15.039	252	1187335	44.507	ng	# 96
89) Benzo(k)fluoranthene	15.068	252	1105322	41.592	ng	# 97
90) Benzo(a)pyrene	15.410	252	1041672	41.879	ng	# 94
91) Dibenzo(a,h)anthracene	16.992	278	951922	45.787	ng	# 93
92) Benzo(g,h,i)perylene	17.427	276	869952	41.021	ng	# 91

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

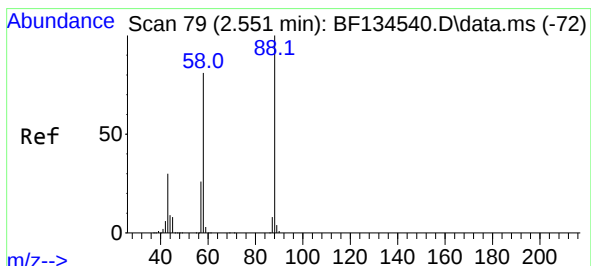
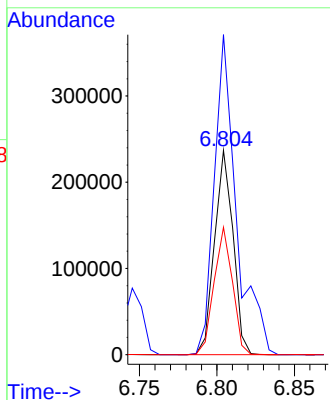
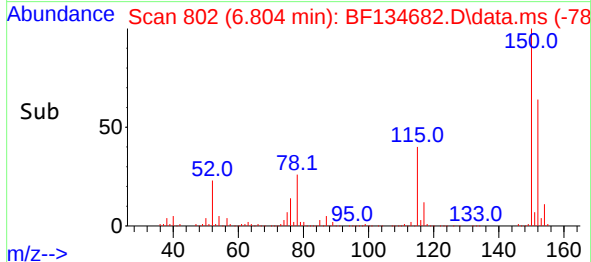
Instrument :
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ClientSampleId :
OS-1MS



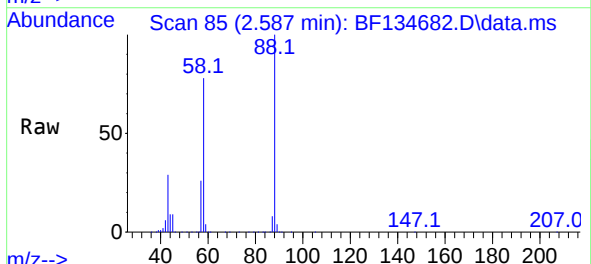
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Ion Ratio Lower Upper
152 100
150 156.6 128.3 192.5
115 62.4 52.4 78.6

Manual Integrations
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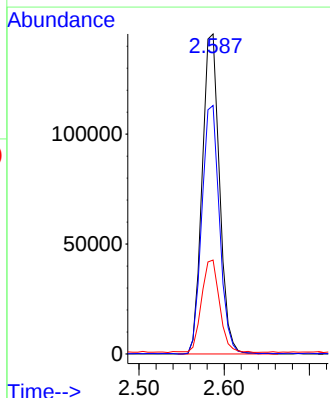
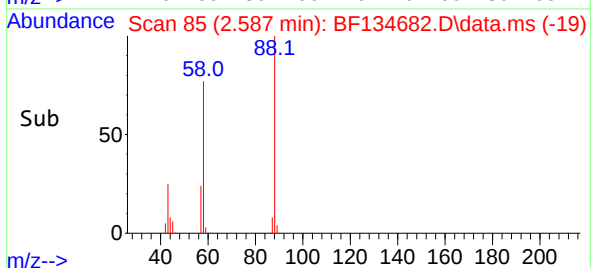
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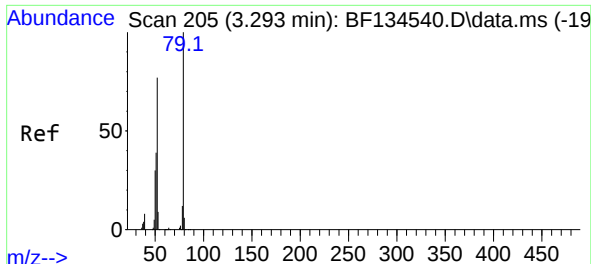


#2
1,4-Dioxane
Concen: 34.485 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.035 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



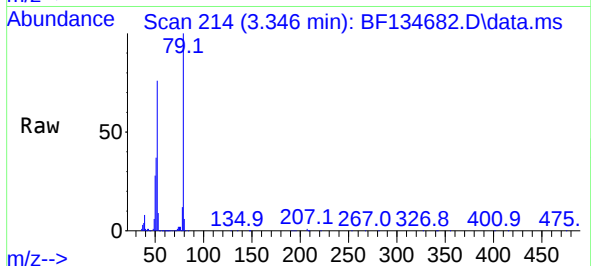
Tgt Ion: 88 Resp: 205802
Ion Ratio Lower Upper
88 100
58 79.3 65.1 97.7
43 30.1 30.3 45.5#





#3
Pyridine
Concen: 33.003 ng
RT: 3.346 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

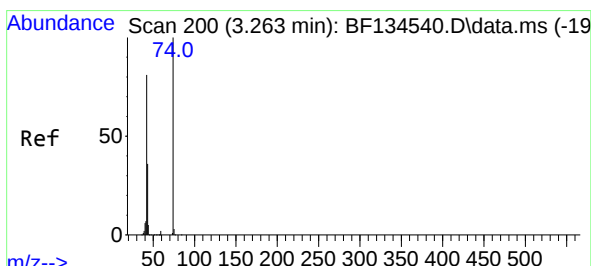
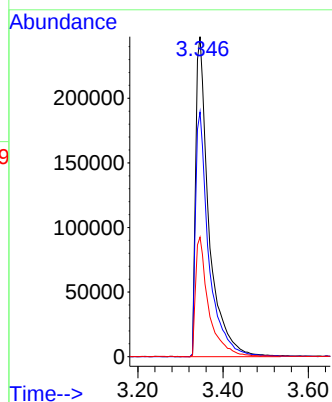
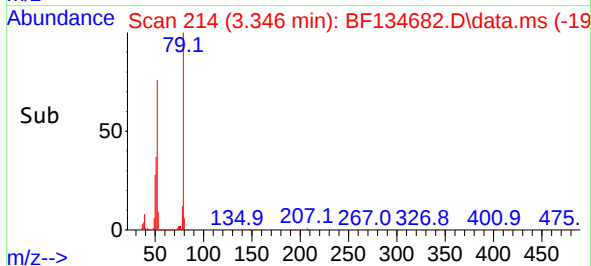
Instrument :
BNA_F
ClientSampleId :
OS-1MS



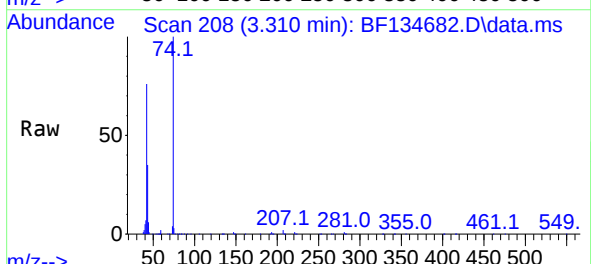
Tgt Ion: 79 Resp: 533709
Ion Ratio Lower Upper
79 100
52 76.5 66.6 100.0
51 37.4 36.5 54.7

Manual Integrations
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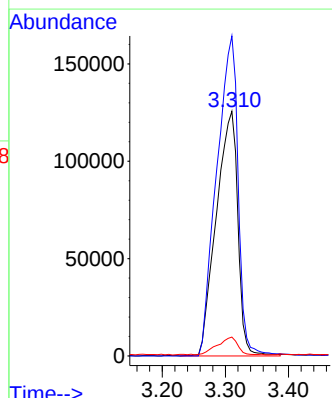
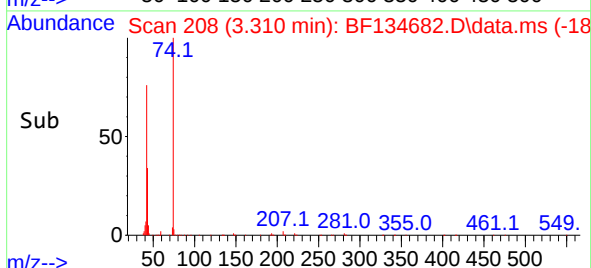
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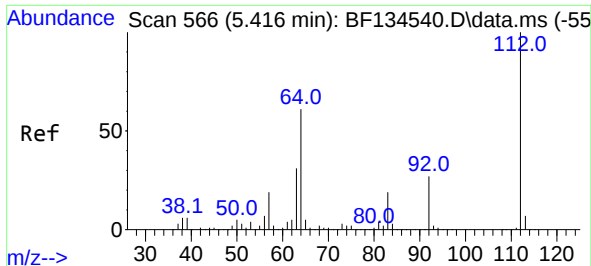


#4
n-Nitrosodimethylamine
Concen: 38.673 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion: 42 Resp: 298819
Ion Ratio Lower Upper
42 100
74 130.8 72.2 108.4
44 7.7 5.4 8.0





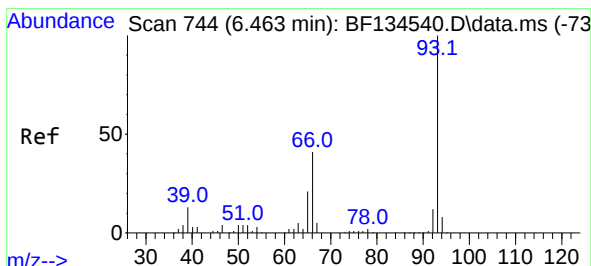
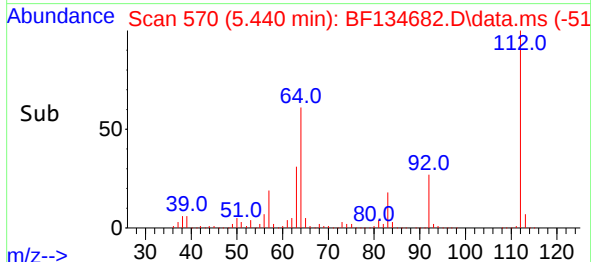
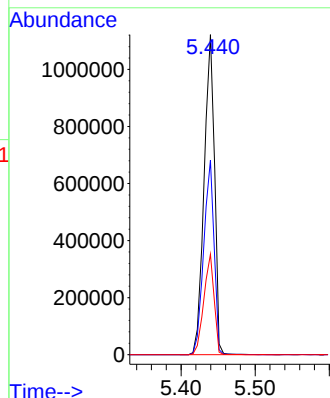
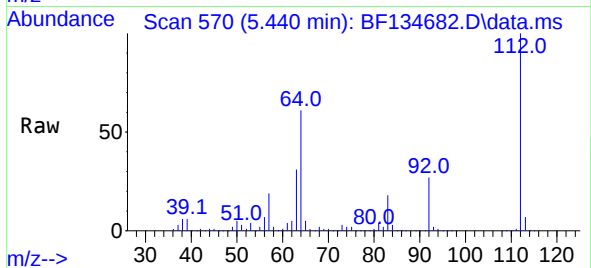
#5
2-Fluorophenol
Concen: 85.017 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion:112 Resp: 110275
Ion Ratio Lower Upper
112 100
64 60.8 44.9 67.3
63 31.4 25.4 38.0

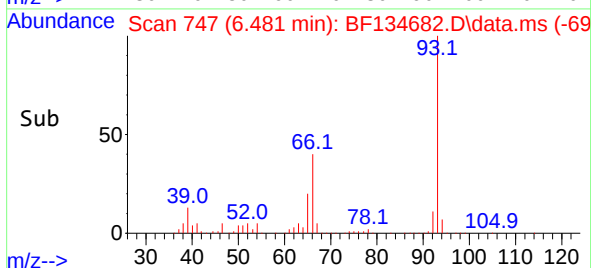
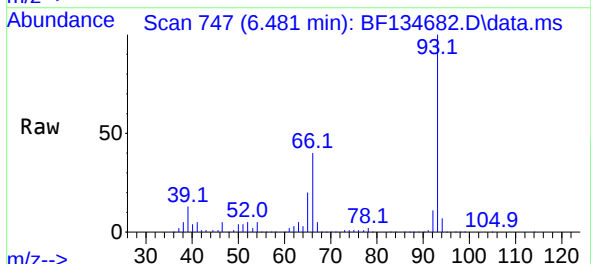
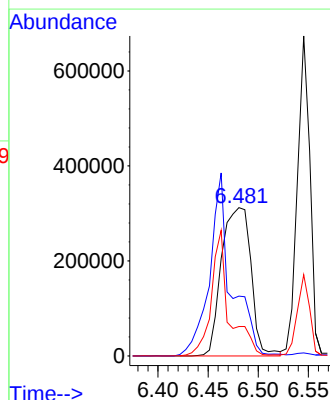
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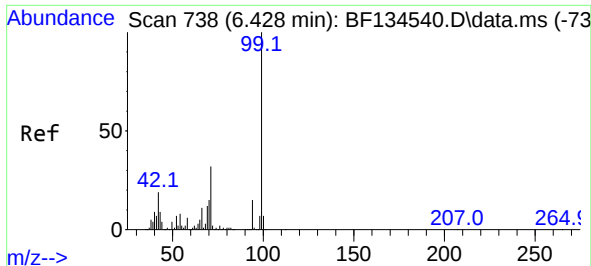
Reviewed By :Yogesh Patel 08/10/2023
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#6
Aniline
Concen: 29.320 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

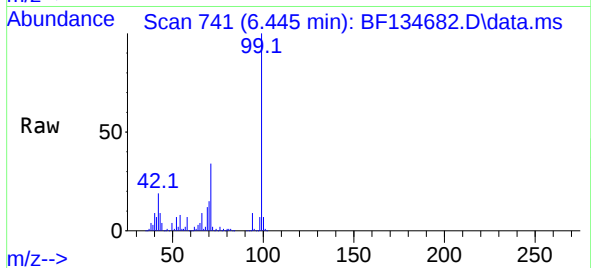
Tgt Ion: 93 Resp: 637662
Ion Ratio Lower Upper
93 100
66 40.3 36.8 55.2
65 19.8 19.4 29.0





#7
Phenol-d6
Concen: 92.798 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

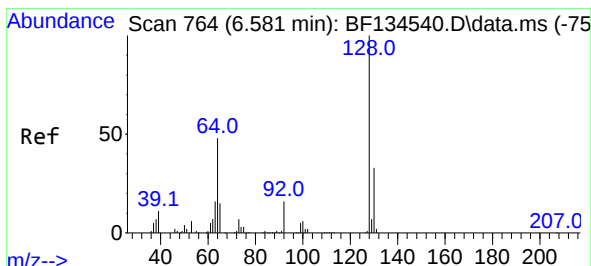
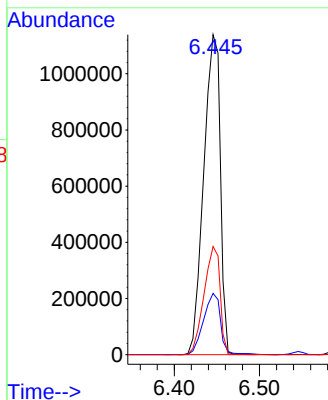
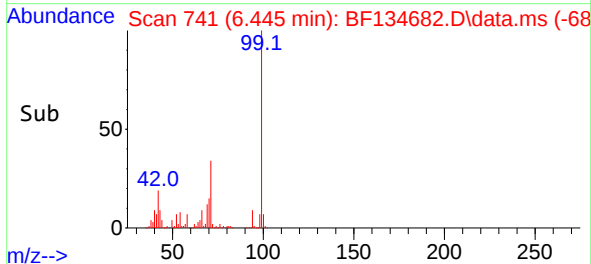
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ClientSampleId :
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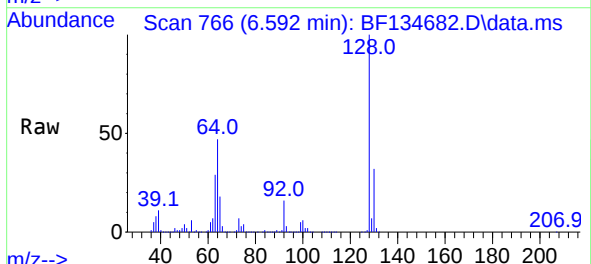
Tgt Ion: 99 Resp: 1538678
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 33.8 36.4 54.6

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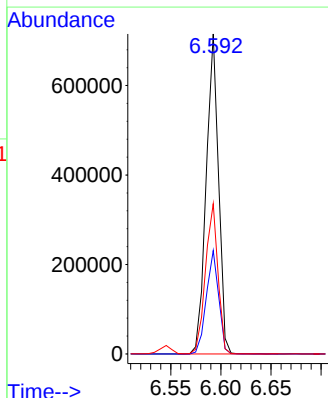
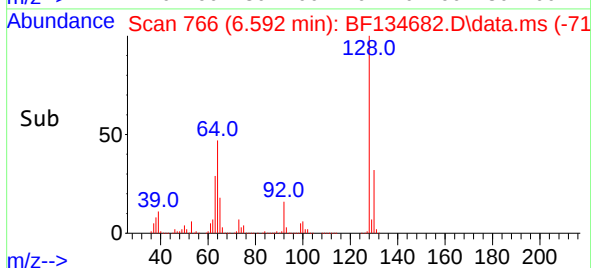
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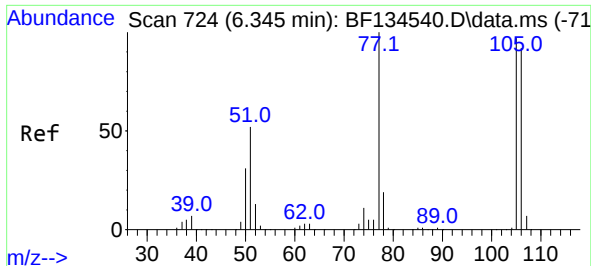


#8
2-Chlorophenol
Concen: 46.938 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



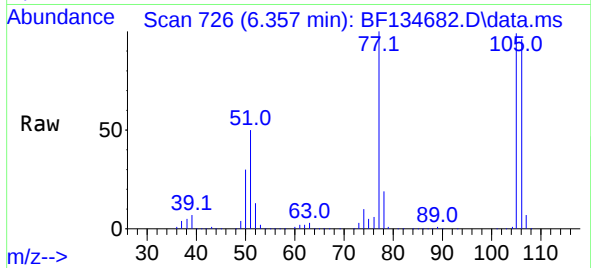
Tgt Ion:128 Resp: 614165
Ion Ratio Lower Upper
128 100
130 32.3 11.1 51.1
64 47.0 31.9 71.9





#9
Benzaldehyde
Concen: 40.374 ng
RT: 6.357 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

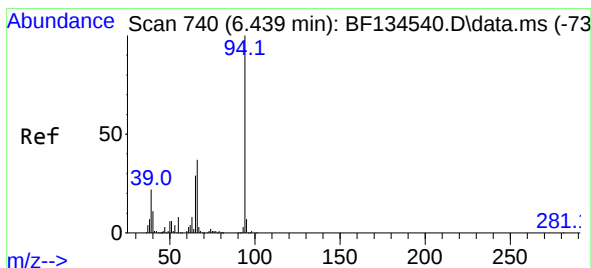
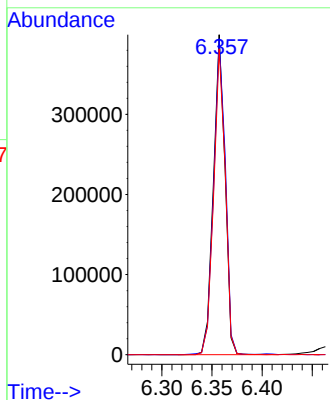
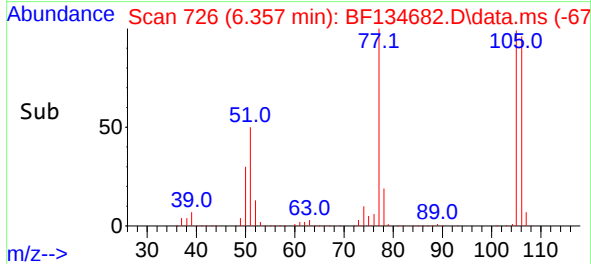
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BNA_F
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OS-1MS



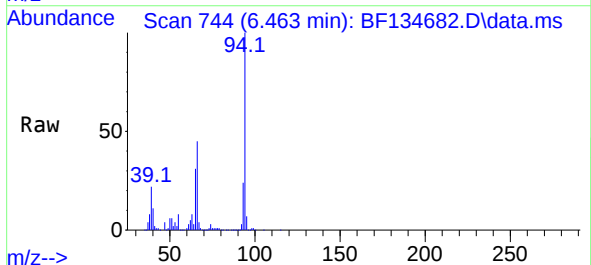
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Ion Ratio Lower Upper
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105 98.7 77.1 117.1
106 95.6 71.4 111.4

Manual Integrations
APPROVED

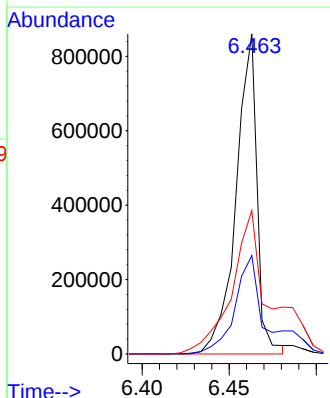
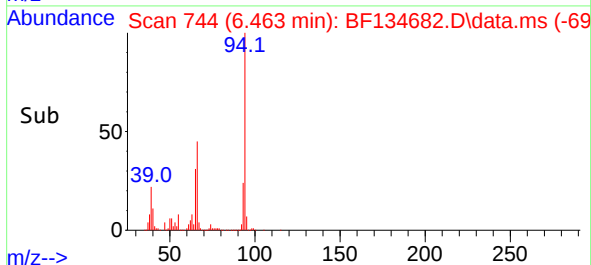
Reviewed By :Yogesh Patel 08/10/2023
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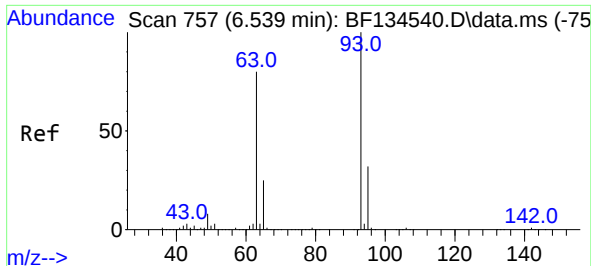


#10
Phenol
Concen: 44.096 ng m
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



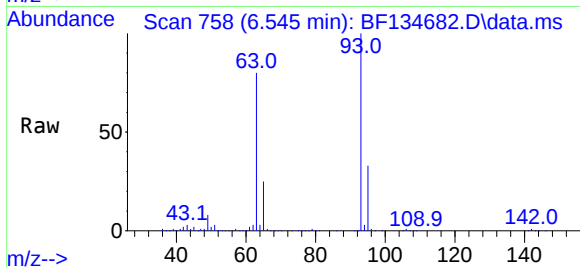
Tgt Ion: 94 Resp: 720514
Ion Ratio Lower Upper
94 100
65 30.7 17.8 57.8
66 44.8 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 45.259 ng
RT: 6.545 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

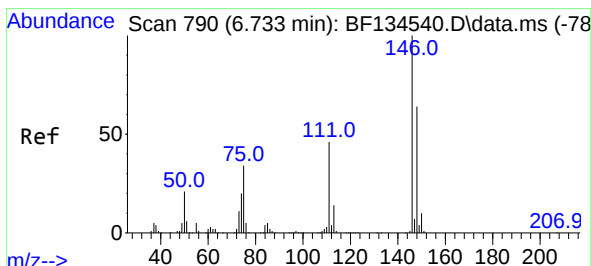
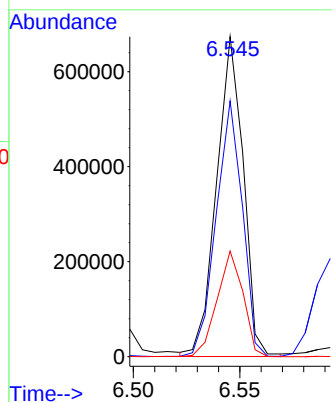
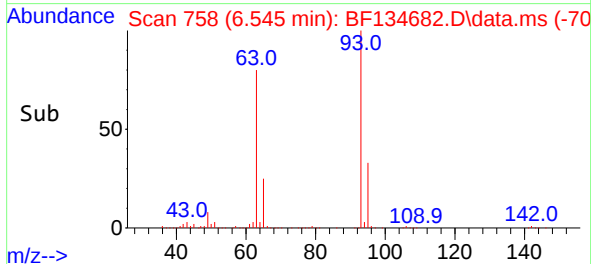
Instrument :
BNA_F
ClientSampleId :
OS-1MS



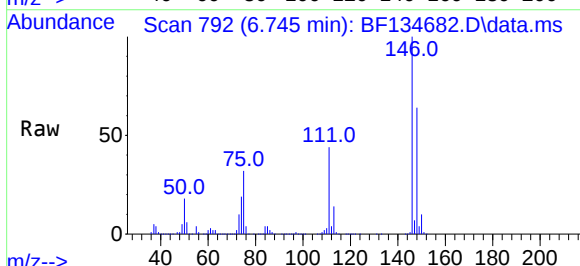
Tgt Ion: 93 Resp: 58747
Ion Ratio Lower Upper
93 100
63 79.9 68.4 108.4
95 33.0 12.4 52.4

Manual Integrations
APPROVED

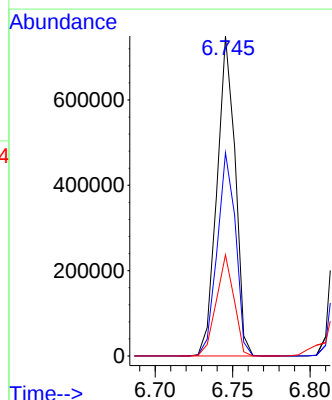
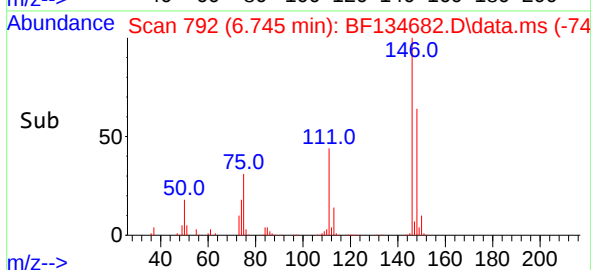
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

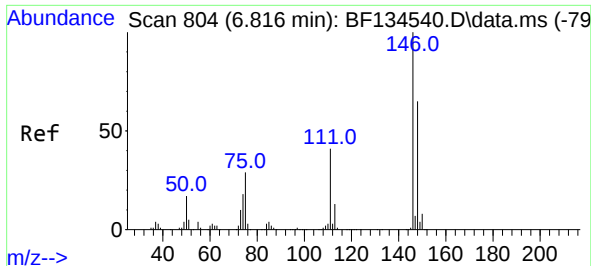


#12
1,3-Dichlorobenzene
Concen: 45.141 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



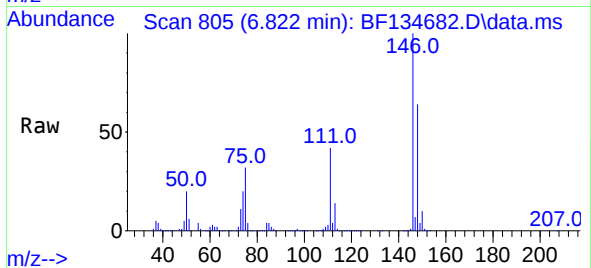
Tgt Ion:146 Resp: 611108
Ion Ratio Lower Upper
146 100
148 63.5 49.7 74.5
75 31.6 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 45.559 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

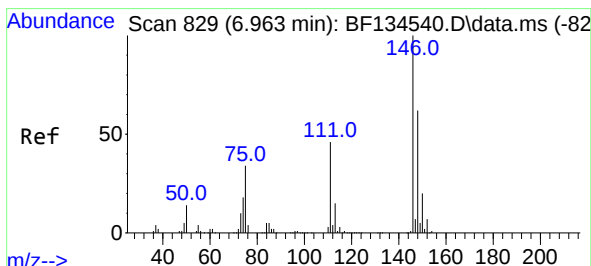
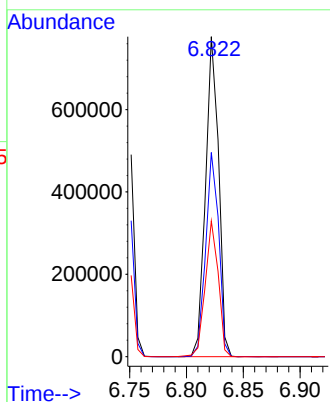
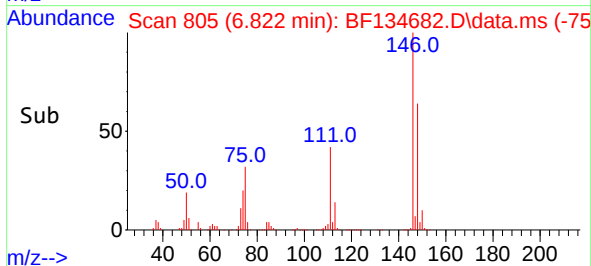
Instrument :
BNA_F
ClientSampleId :
OS-1MS



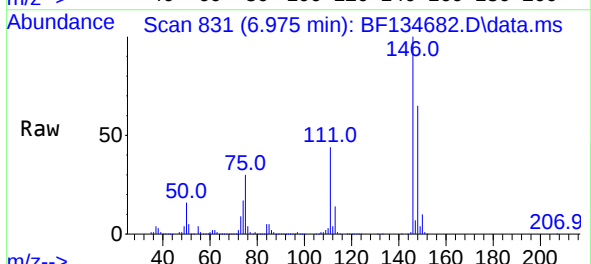
Tgt Ion:146 Resp: 618130
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 42.4 36.6 55.0

Manual Integrations
APPROVED

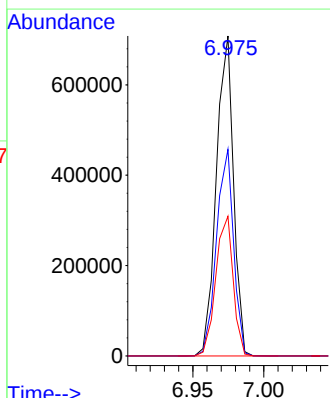
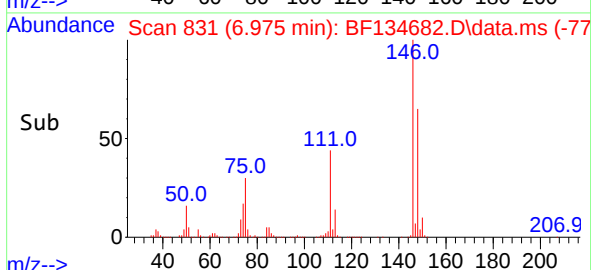
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

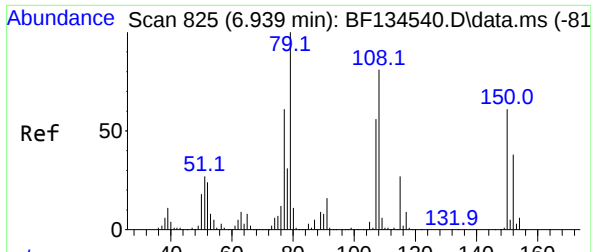


#14
1,2-Dichlorobenzene
Concen: 46.956 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



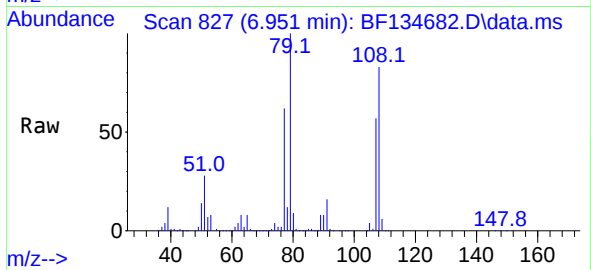
Tgt Ion:146 Resp: 593607
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 43.6 39.9 59.9





#15
Benzyl Alcohol
Concen: 44.964 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

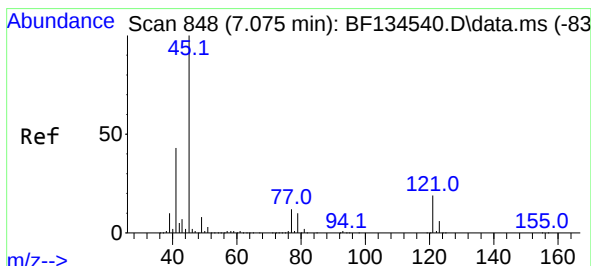
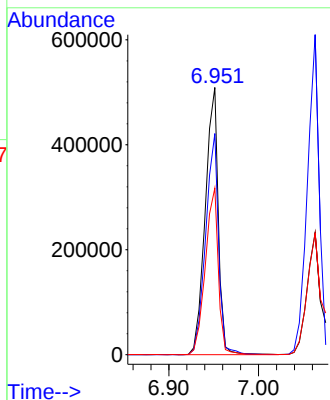
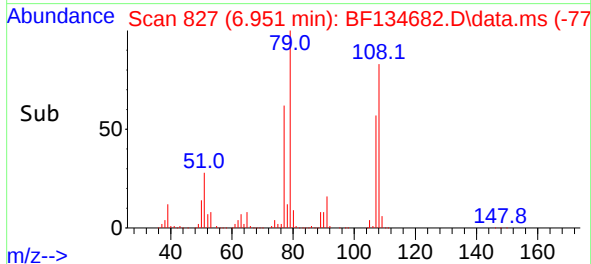
Instrument :
BNA_F
ClientSampleId :
OS-1MS



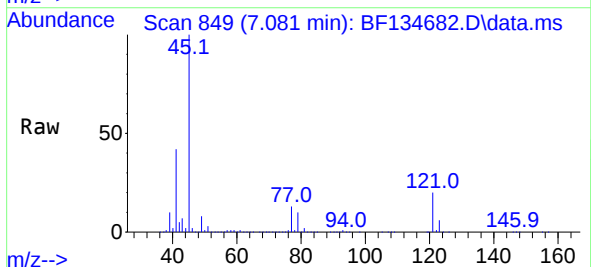
Tgt Ion: 79 Resp: 51433
Ion Ratio Lower Upper
79 100
108 82.7 56.3 84.5
77 62.3 50.6 76.0

Manual Integrations
APPROVED

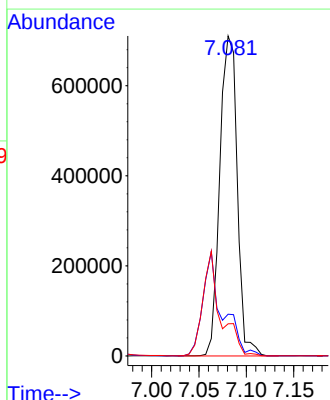
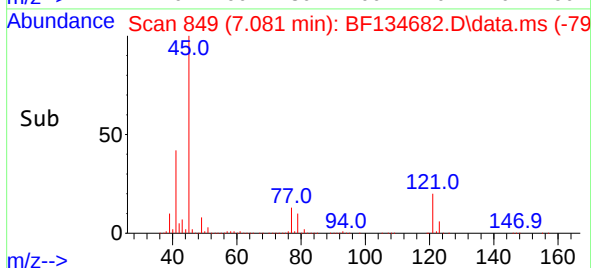
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

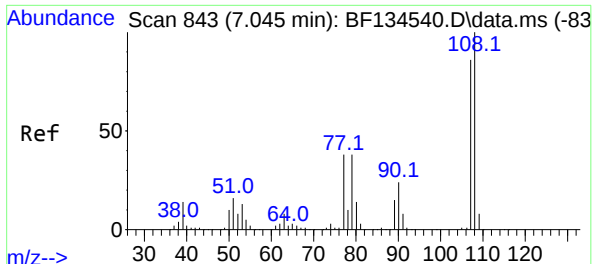


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.758 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



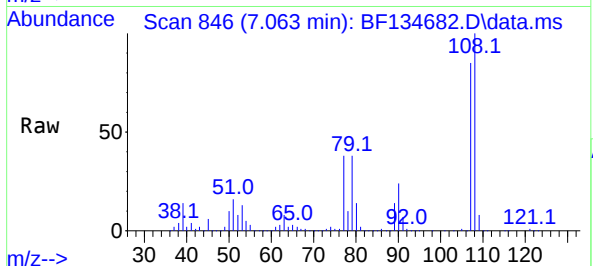
Tgt Ion: 45 Resp: 910185
Ion Ratio Lower Upper
45 100
77 13.0 0.0 37.8
79 10.0 0.0 34.5





#17
2-Methylphenol
Concen: 41.687 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

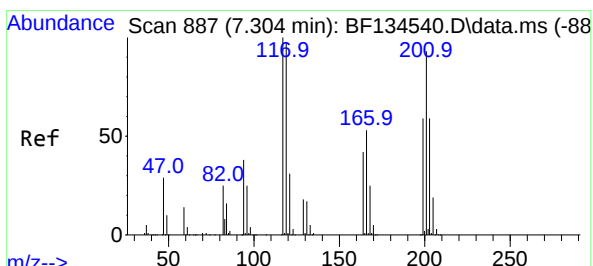
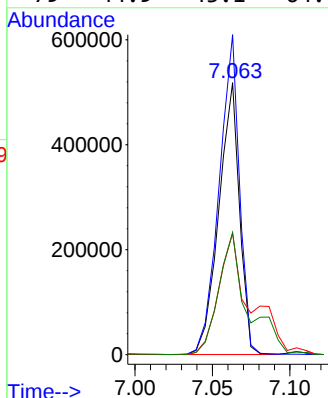
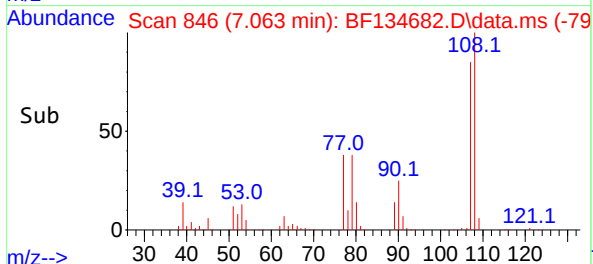


Tgt Ion:107 Resp: 48200

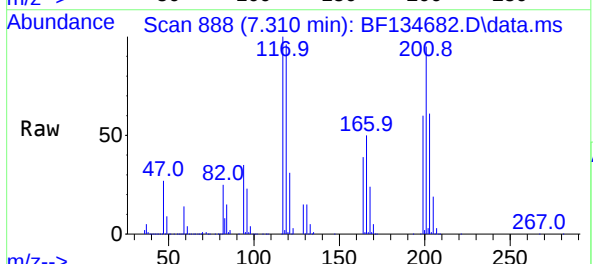
Ion	Ratio	Lower	Upper
107	100		
108	117.6	89.4	134.2
77	44.7	42.4	63.6
79	44.9	43.1	64.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

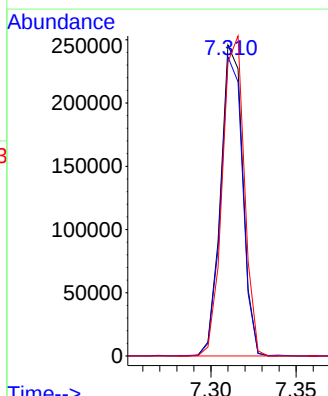
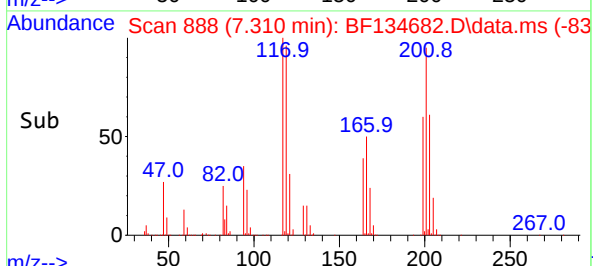


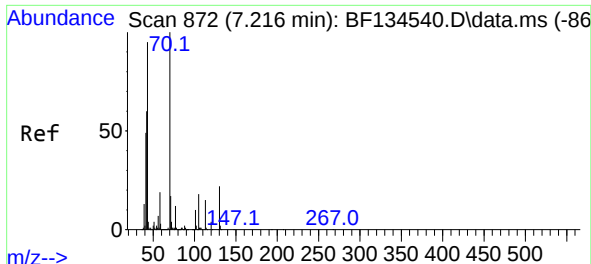
#18
Hexachloroethane
Concen: 46.646 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:117 Resp: 222121

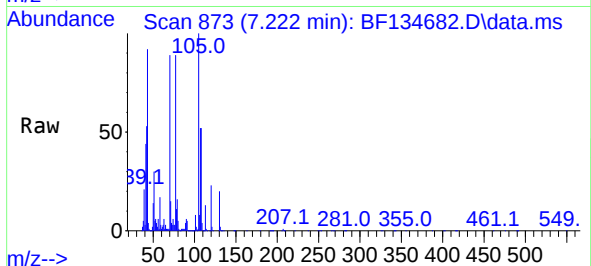
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	94.6	73.6	110.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.244 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

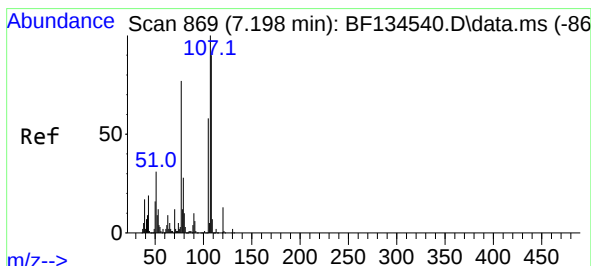
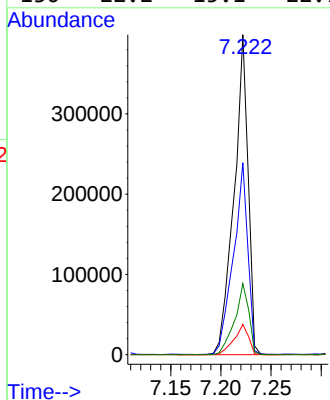
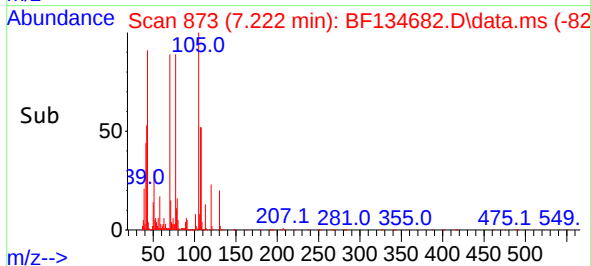
Instrument :
BNA_F
ClientSampleId :
OS-1MS



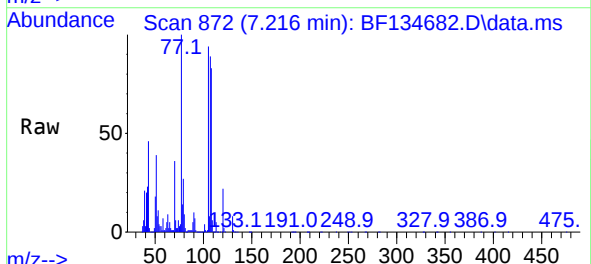
Tgt Ion: 70 Resp: 389592
Ion Ratio Lower Upper
70 100
42 60.0 54.7 82.1
101 9.4 8.2 12.2
130 22.2 15.1 22.7

Manual Integrations
APPROVED

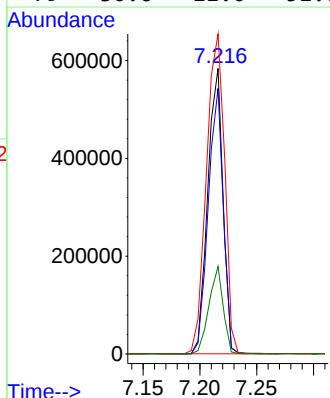
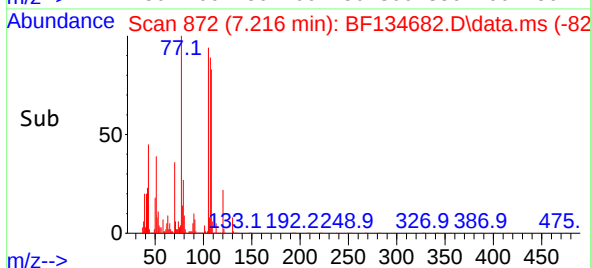
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

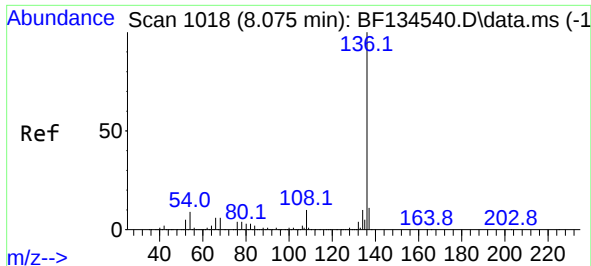


#20
3+4-Methylphenols
Concen: 39.139 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:107 Resp: 545762
Ion Ratio Lower Upper
107 100
108 93.0 68.1 108.1
77 112.0 122.1 162.1#
79 30.6 11.0 51.0





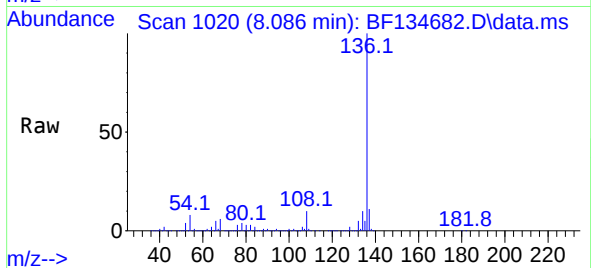
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

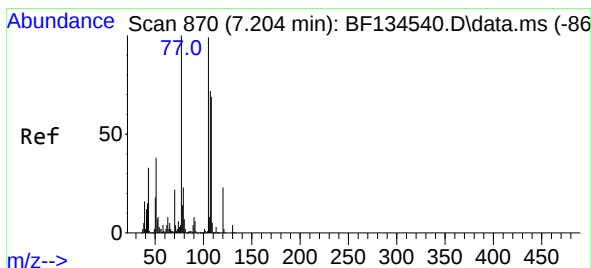
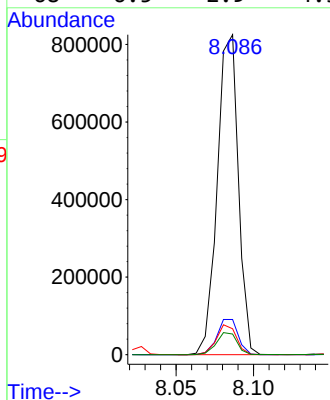
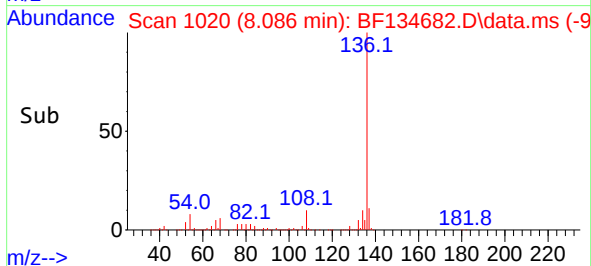


Tgt Ion:136 Resp: 781995
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.1 5.2 7.8
68 6.5 2.9 4.3#

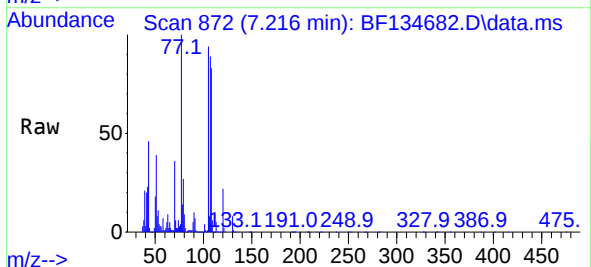
Manual Integrations

APPROVED

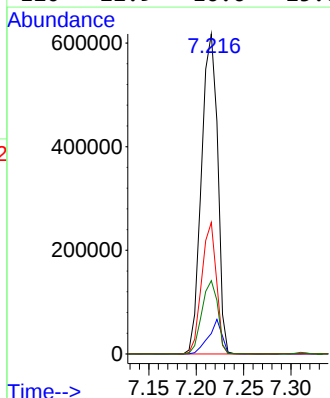
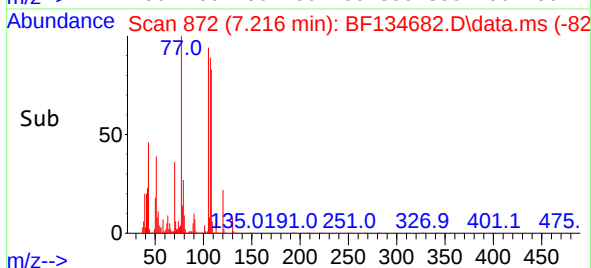
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

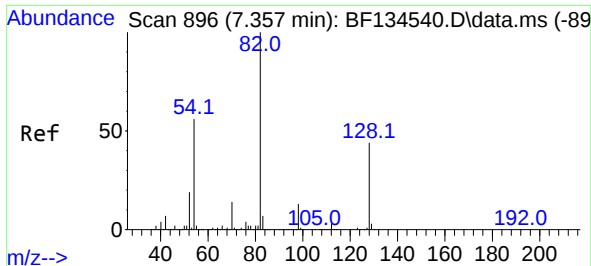


#22
Acetophenone
Concen: 40.730 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:105 Resp: 735298
Ion Ratio Lower Upper
105 100
71 6.4 7.4 11.0#
51 41.1 36.4 54.6
120 22.9 16.6 25.0





#23

Nitrobenzene-d5

Concen: 74.473 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

Tgt Ion: 82 Resp: 931909

Ion Ratio Lower Upper

82 100

128 45.9 34.3 51.5

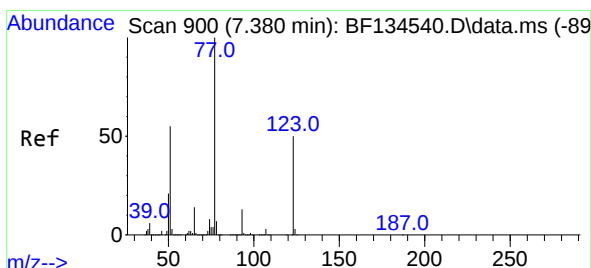
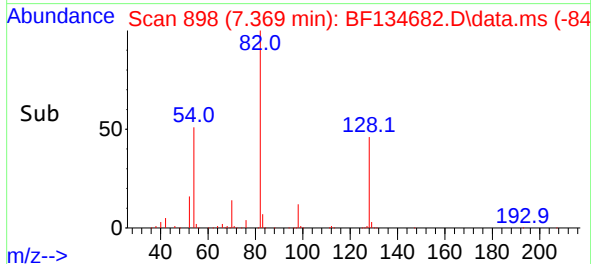
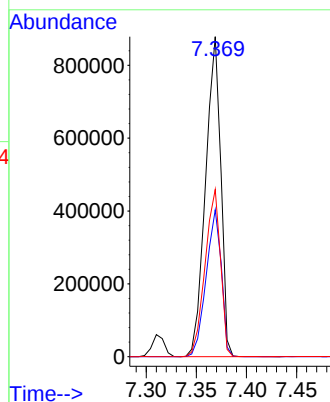
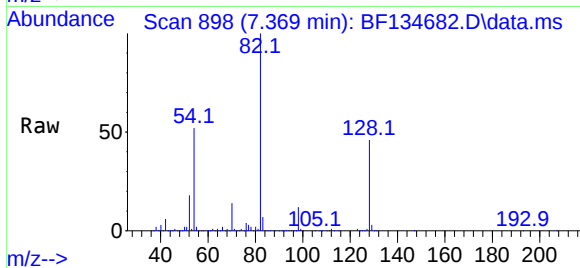
54 52.3 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#24

Nitrobenzene

Concen: 46.184 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

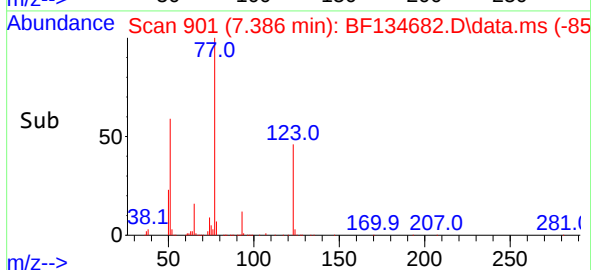
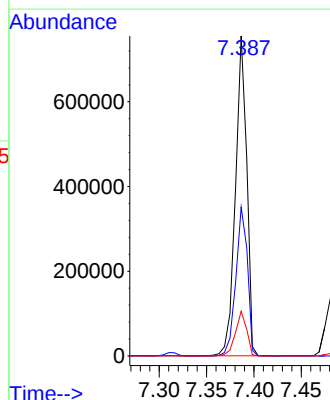
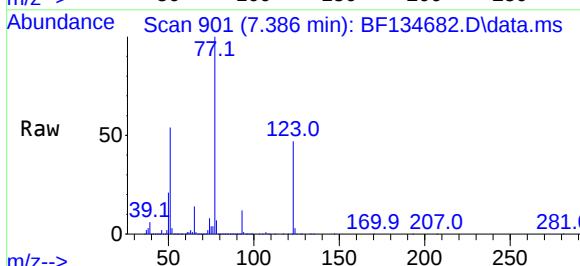
Tgt Ion: 77 Resp: 624361

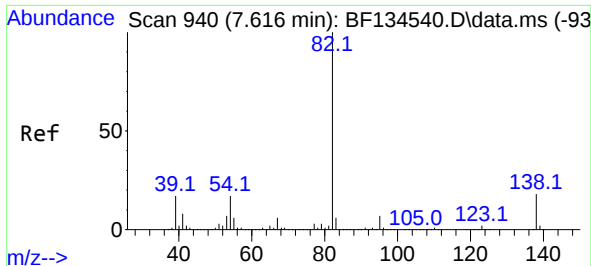
Ion Ratio Lower Upper

77 100

123 46.5 35.5 53.3

65 13.9 11.9 17.9





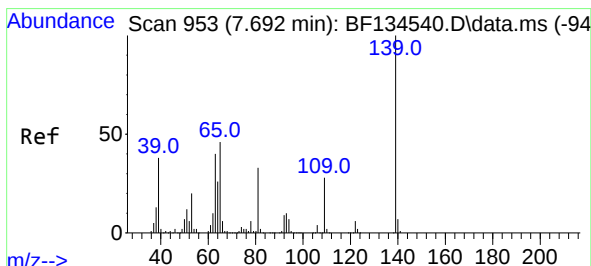
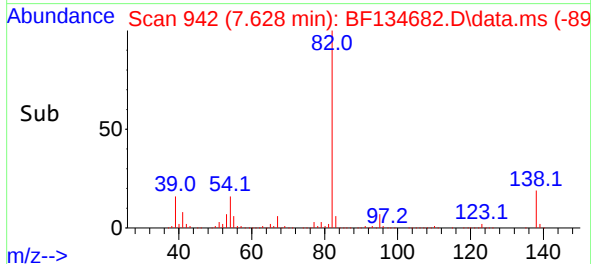
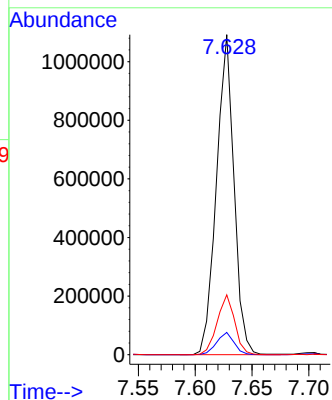
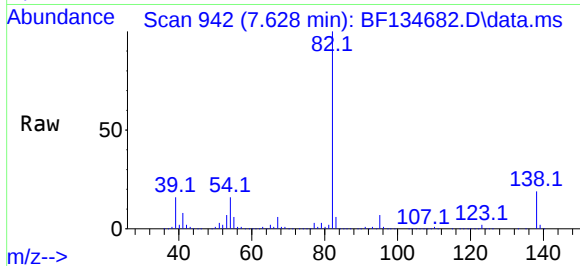
#25
Isophorone
Concen: 43.019 ng
RT: 7.628 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion: 82 Resp: 1174120
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.7 14.6 22.0

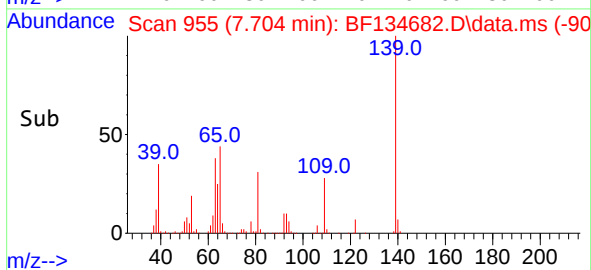
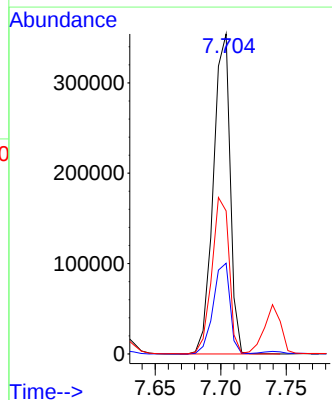
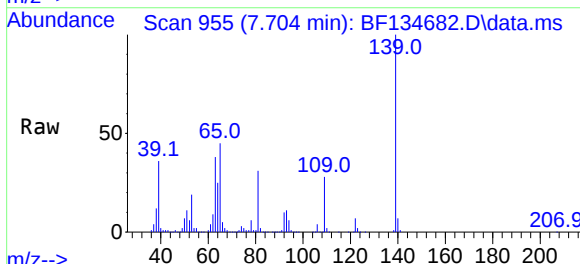
Manual Integrations
APPROVED

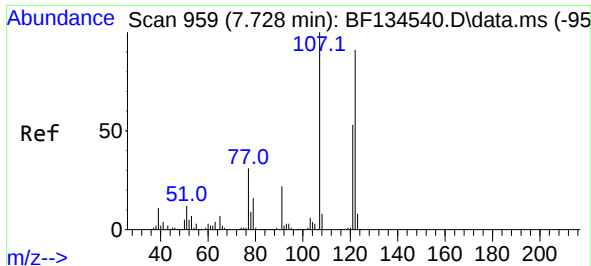
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#26
2-Nitrophenol
Concen: 54.231 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

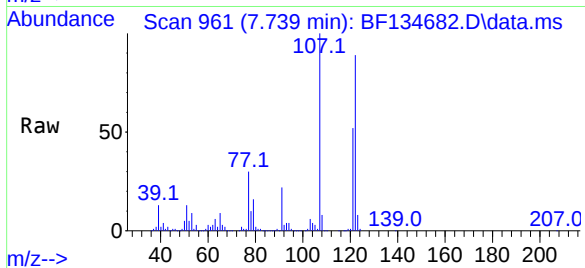
Tgt Ion:139 Resp: 315951
Ion Ratio Lower Upper
139 100
109 28.3 29.8 44.6#
65 44.7 45.4 68.2#





#27
2,4-Dimethylphenol
Concen: 40.103 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

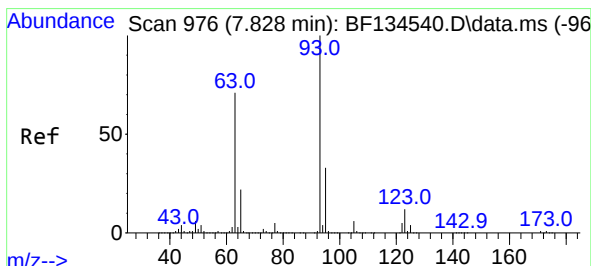
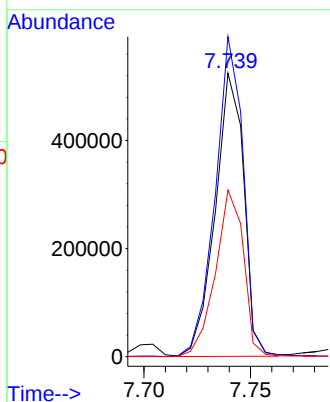
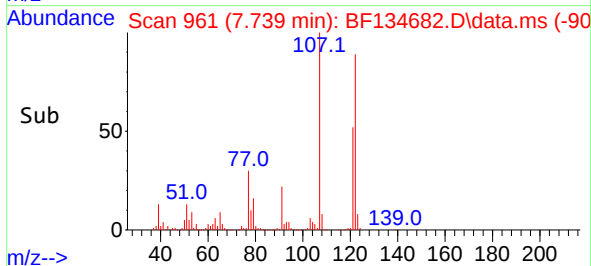
Instrument :
BNA_F
ClientSampleId :
OS-1MS



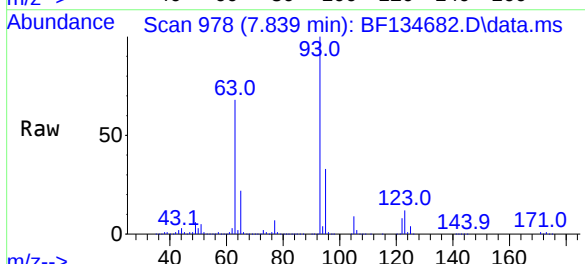
Tgt Ion:122 Resp: 488370
Ion Ratio Lower Upper
122 100
107 112.9 106.7 160.1
121 58.8 49.0 73.6

Manual Integrations
APPROVED

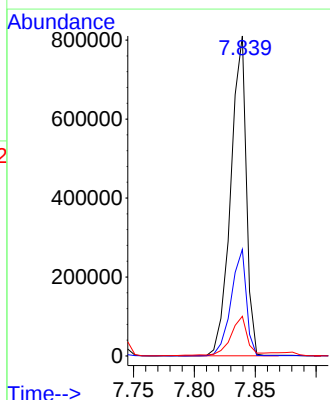
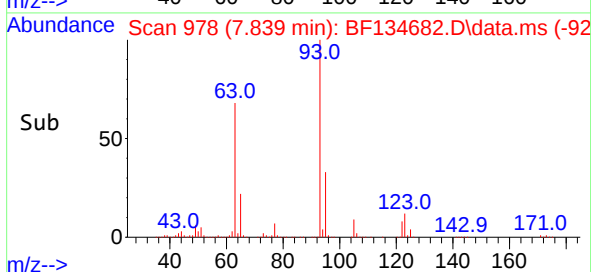
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

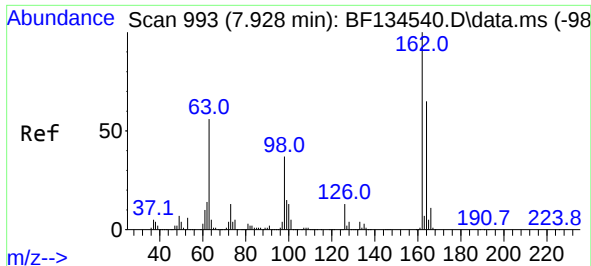


#28
bis(2-Chloroethoxy)methane
Concen: 44.196 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



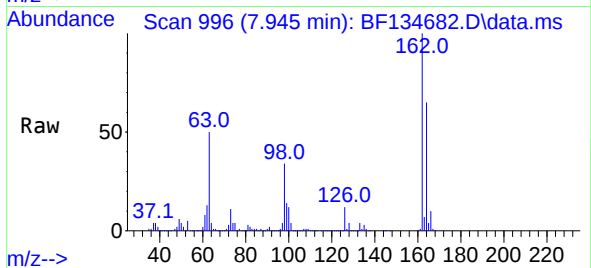
Tgt Ion: 93 Resp: 721577
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 12.4 9.6 14.4





#29
2,4-Dichlorophenol
Concen: 45.853 ng
RT: 7.945 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

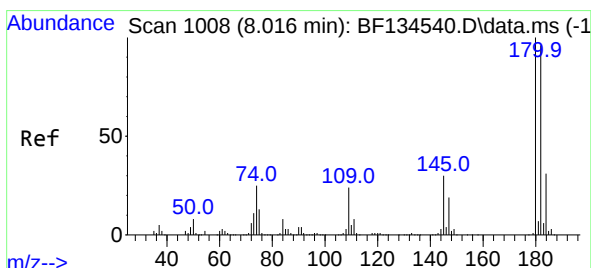
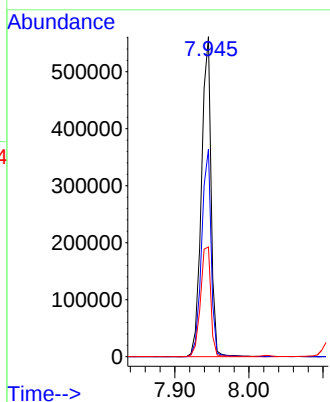
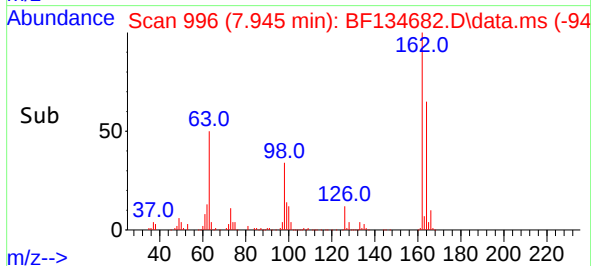
Instrument :
BNA_F
ClientSampleId :
OS-1MS



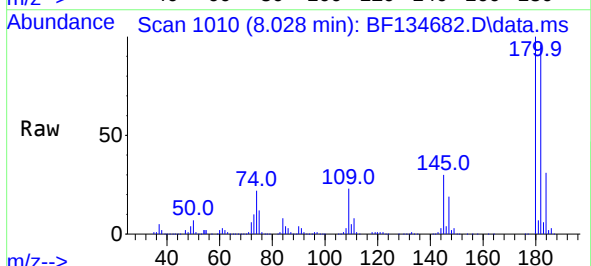
Tgt Ion:162 Resp: 506800
Ion Ratio Lower Upper
162 100
164 64.9 42.2 82.2
98 34.3 15.5 55.5

Manual Integrations
APPROVED

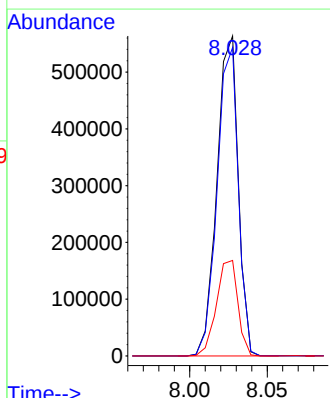
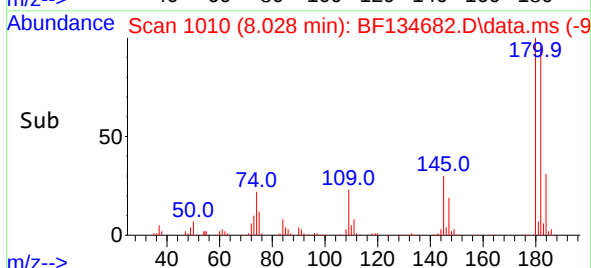
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

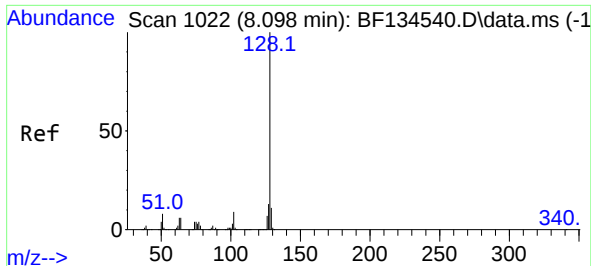


#30
1,2,4-Trichlorobenzene
Concen: 45.660 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



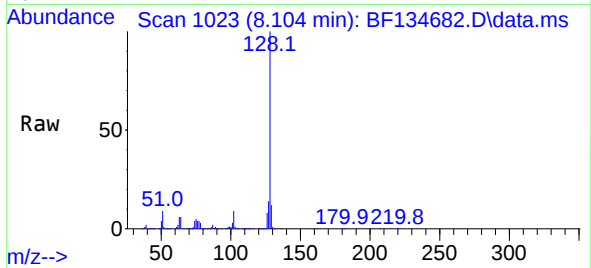
Tgt Ion:180 Resp: 538163
Ion Ratio Lower Upper
180 100
182 96.4 75.0 112.6
145 29.9 25.5 38.3





#31
Naphthalene
Concen: 42.056 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

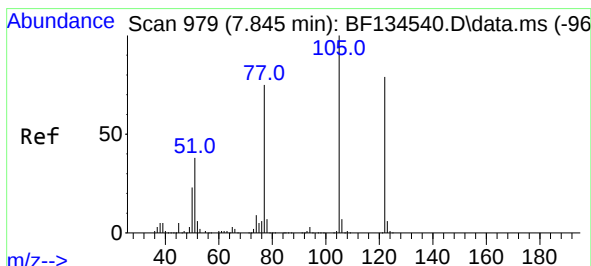
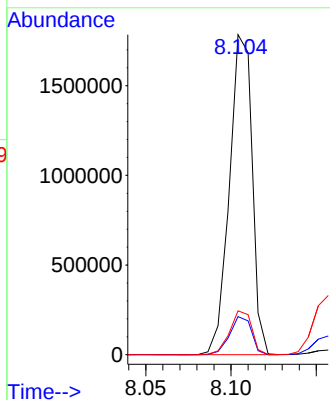
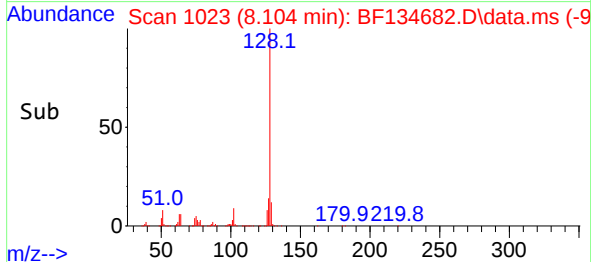
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:128 Resp: 1652869
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 13.7 10.7 16.1

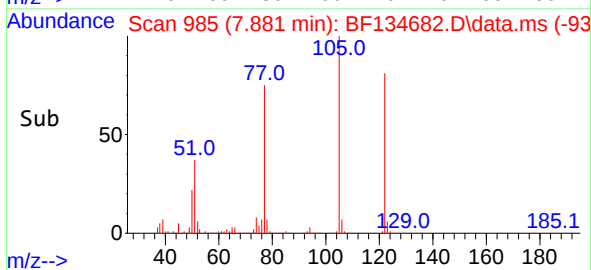
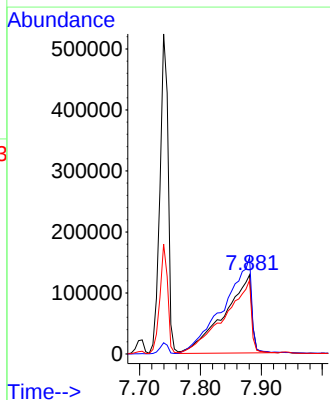
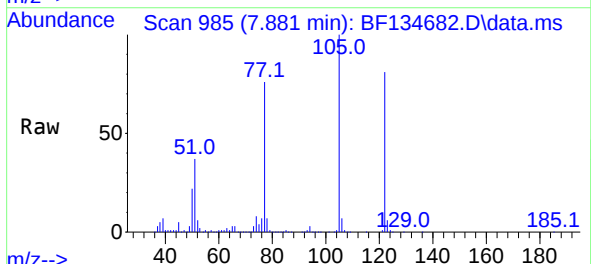
Manual Integrations
APPROVED

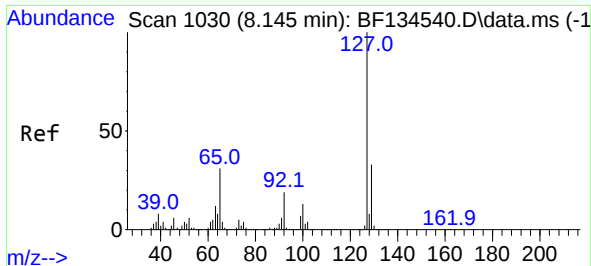
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#32
Benzoic acid
Concen: 50.353 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:122 Resp: 403669
Ion Ratio Lower Upper
122 100
105 122.7 87.5 127.5
77 93.4 71.4 111.4





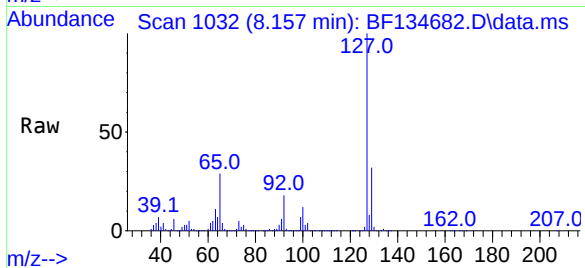
#33
4-Chloroaniline
Concen: 20.057 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

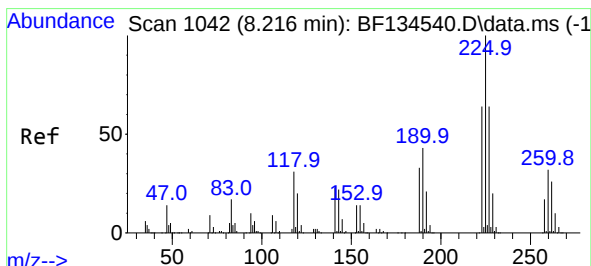
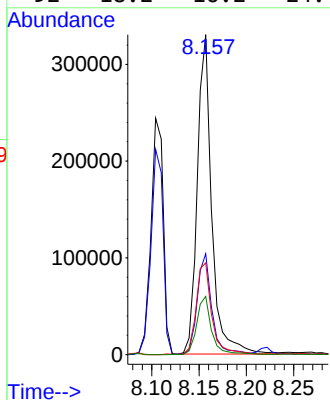
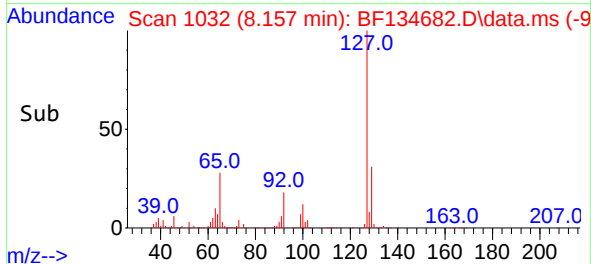


Tgt Ion:127 Resp: 351238
Ion Ratio Lower Upper
127 100
129 31.5 25.6 38.4
65 28.7 25.4 38.0
92 18.2 16.2 24.4

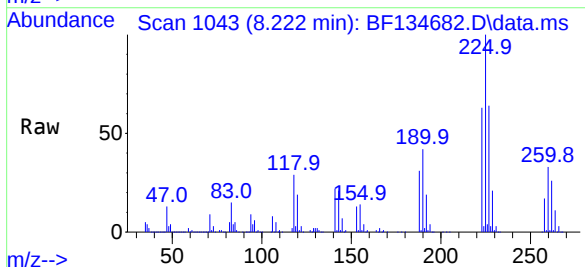
Manual Integrations

APPROVED

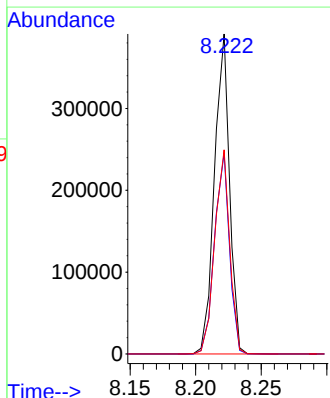
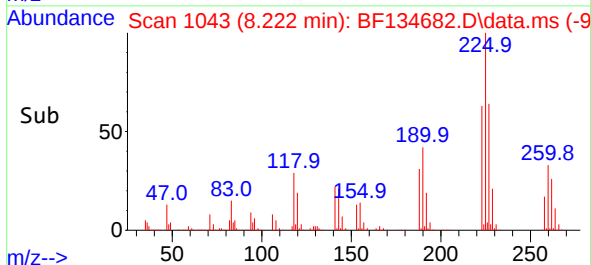
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

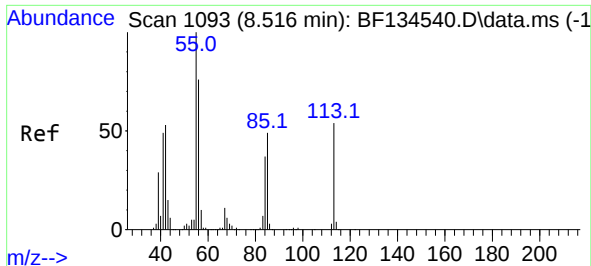


#34
Hexachlorobutadiene
Concen: 45.872 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



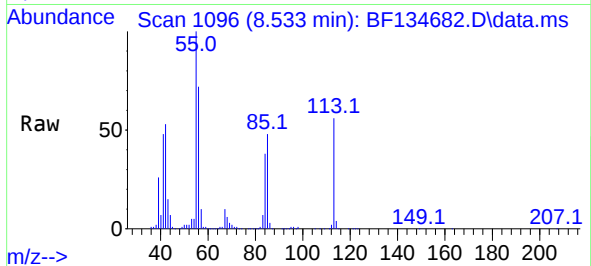
Tgt Ion:225 Resp: 311865
Ion Ratio Lower Upper
225 100
223 62.8 48.2 72.4
227 63.8 48.5 72.7





#35
 Caprolactam
 Concen: 49.127 ng m
 RT: 8.533 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

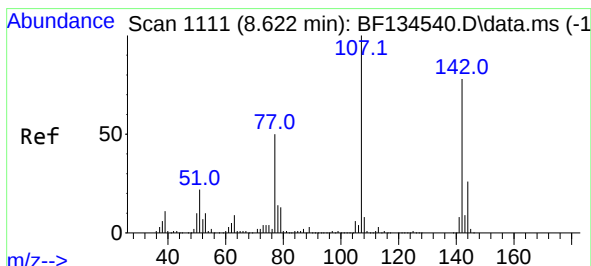
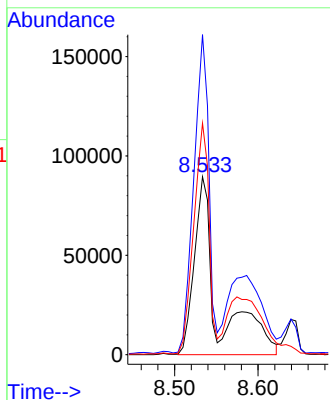
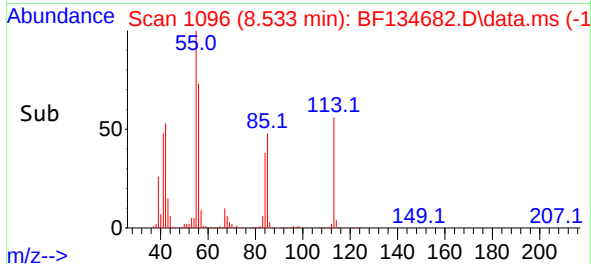
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS



Tgt Ion:113 Resp: 17518
 Ion Ratio Lower Upper
 113 100
 55 179.8 161.5 201.5
 56 130.1 117.8 157.8

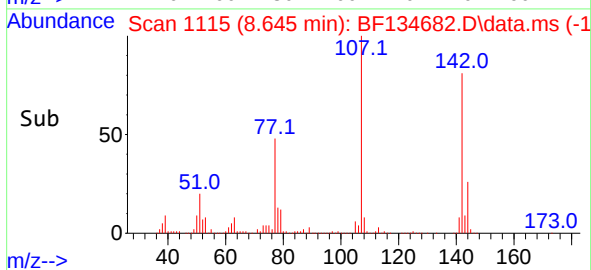
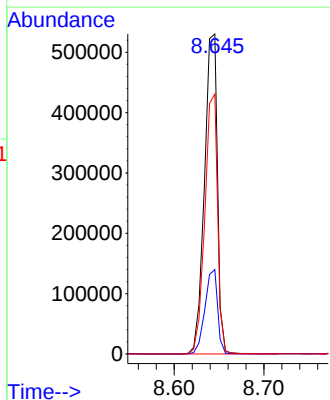
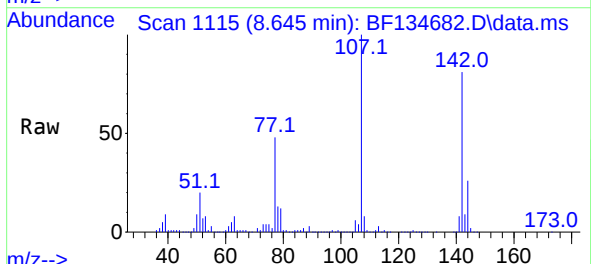
Manual Integrations
 APPROVED

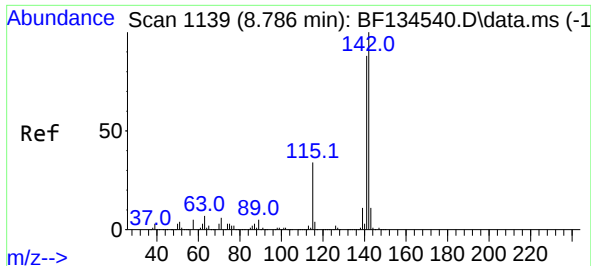
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023



#36
 4-Chloro-3-methylphenol
 Concen: 45.607 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

Tgt Ion:107 Resp: 533852
 Ion Ratio Lower Upper
 107 100
 144 26.4 19.6 29.4
 142 81.2 57.7 86.5





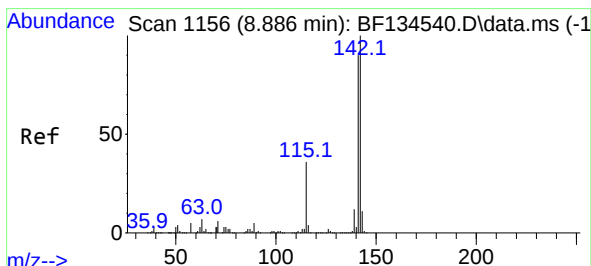
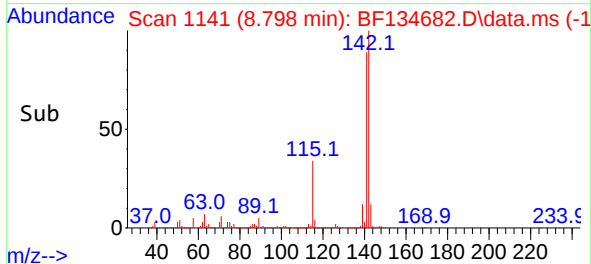
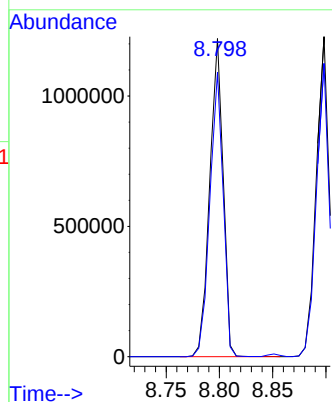
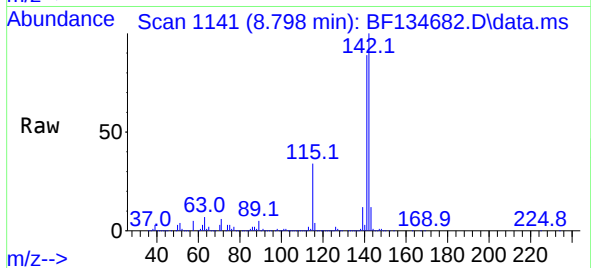
#37
2-Methylnaphthalene
Concen: 41.003 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion:142 Resp: 106815
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2

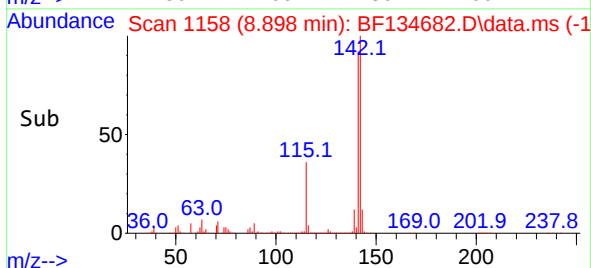
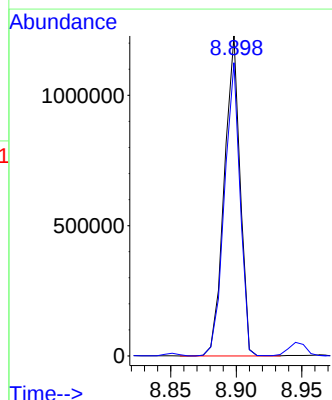
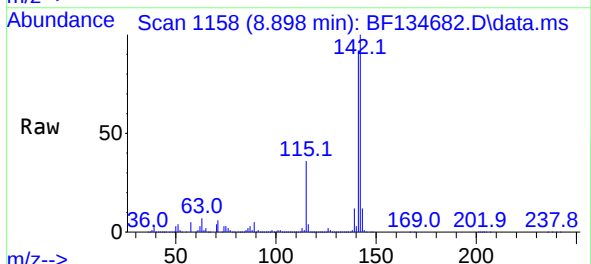
Manual Integrations
APPROVED

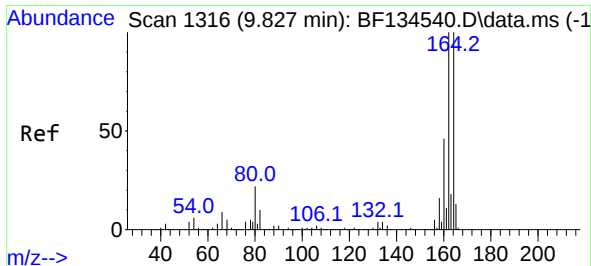
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#38
1-Methylnaphthalene
Concen: 42.348 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:142 Resp: 1025849
Ion Ratio Lower Upper
142 100
141 91.7 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF134682.D

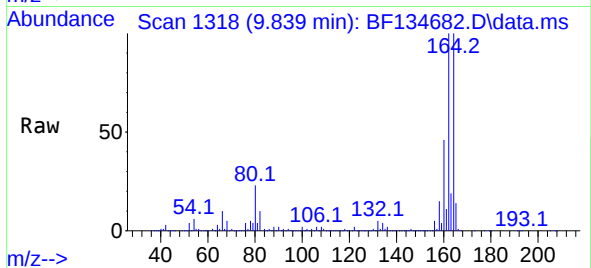
Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS



Tgt Ion:164 Resp: 399430

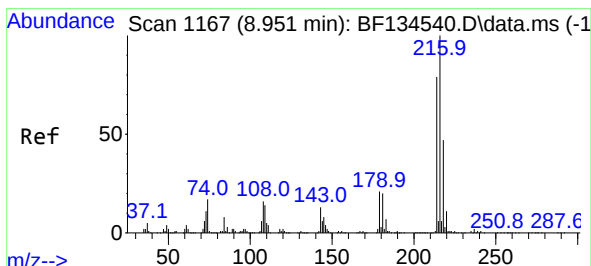
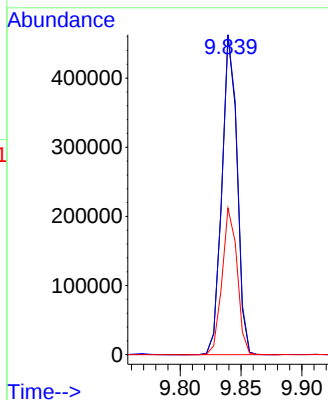
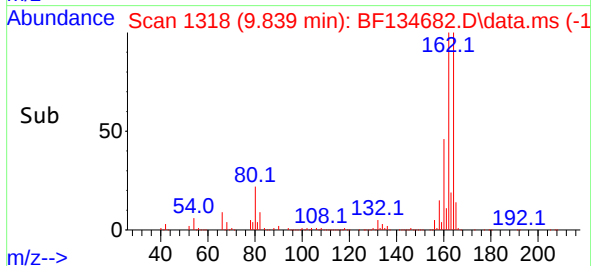
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	46.0	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.198 ng

RT: 8.963 min Scan# 1169

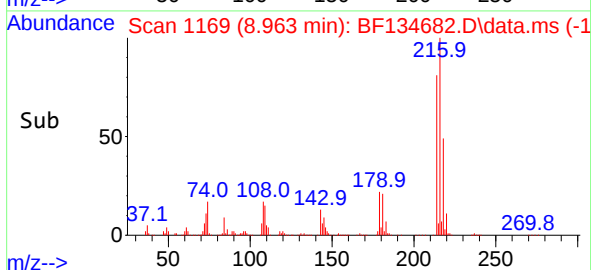
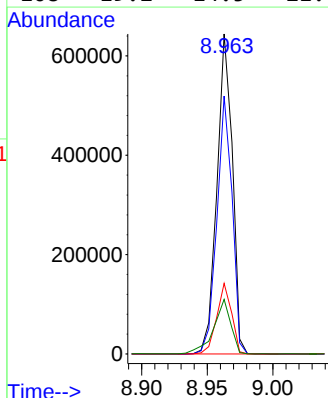
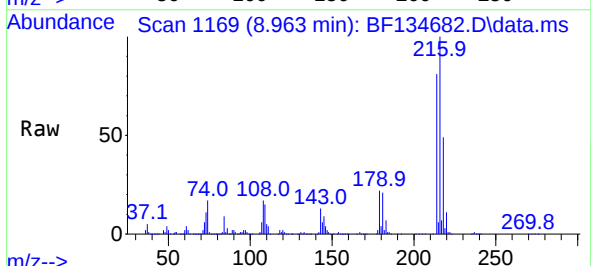
Delta R.T. 0.006 min

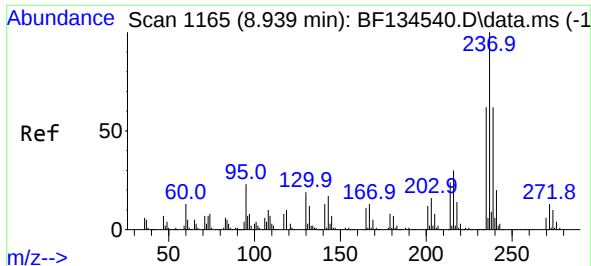
Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Tgt Ion:216 Resp: 524983

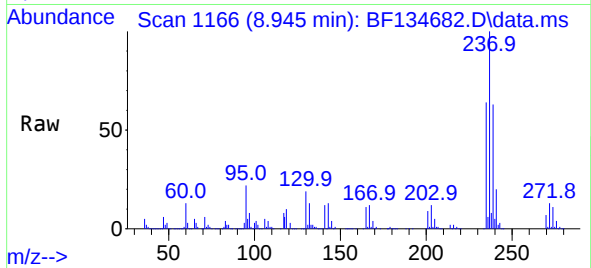
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.3	93.5
179	21.3	17.4	26.0
108	19.2	14.5	21.7





#41
Hexachlorocyclopentadiene
Concen: 71.461 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

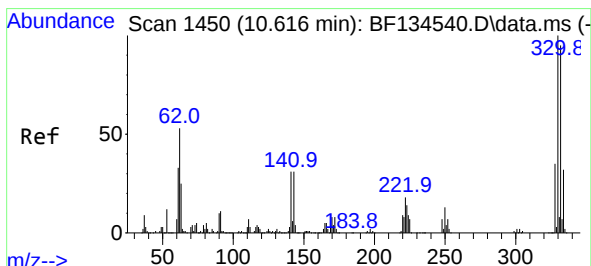
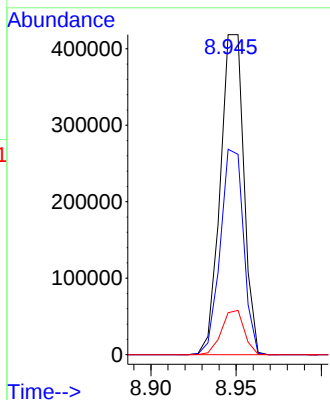
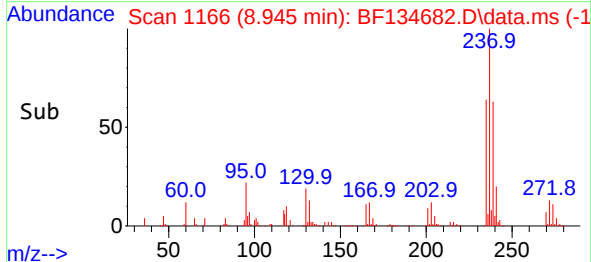
Instrument :
BNA_F
ClientSampleId :
OS-1MS



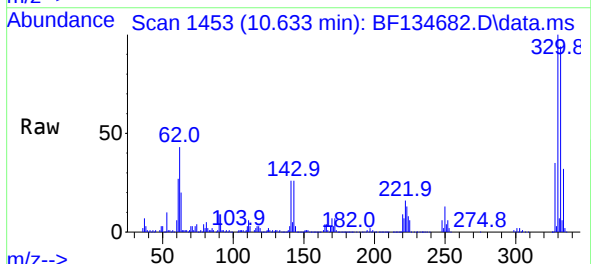
Tgt Ion:237 Resp: 403640
Ion Ratio Lower Upper
237 100
235 64.2 37.0 77.0
272 13.1 0.0 32.7

Manual Integrations
APPROVED

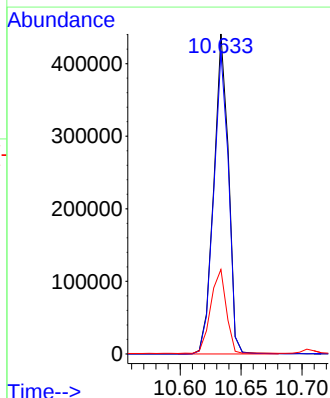
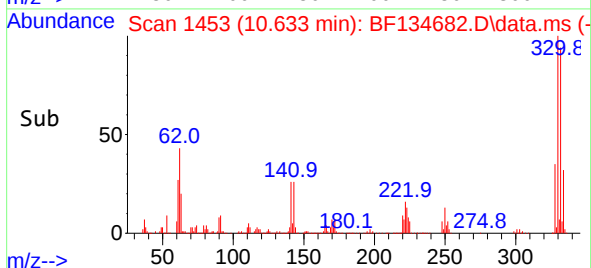
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

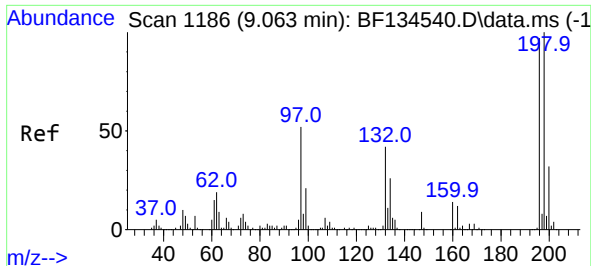


#42
2,4,6-Tribromophenol
Concen: 90.883 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



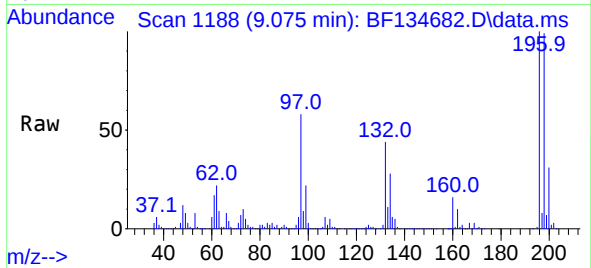
Tgt Ion:330 Resp: 370063
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 27.9 25.4 38.2





#43
2,4,6-Trichlorophenol
Concen: 47.820 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

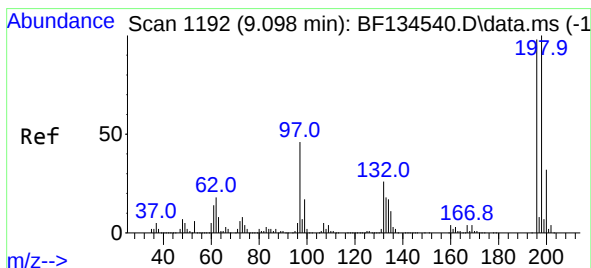
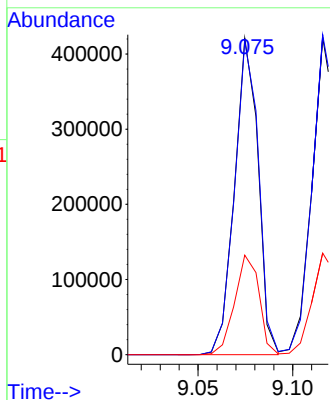
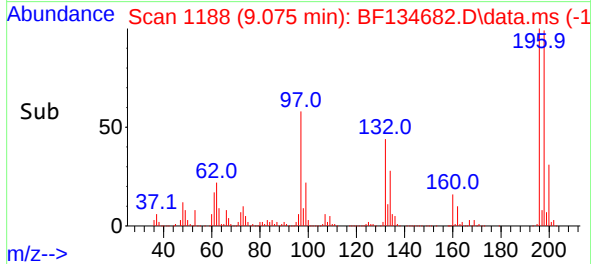
Instrument :
BNA_F
ClientSampleId :
OS-1MS



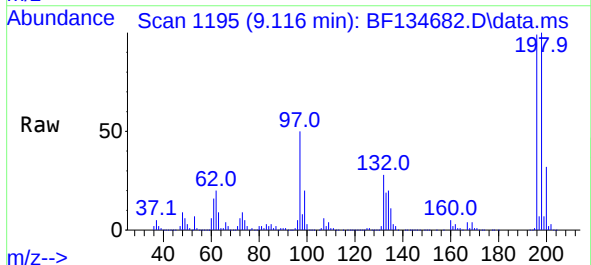
Tgt Ion:196 Resp: 363514
Ion Ratio Lower Upper
196 100
198 99.0 77.4 116.2
200 31.4 25.4 38.2

Manual Integrations
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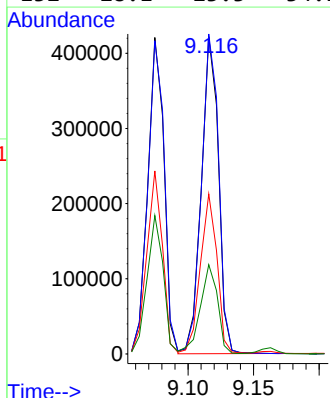
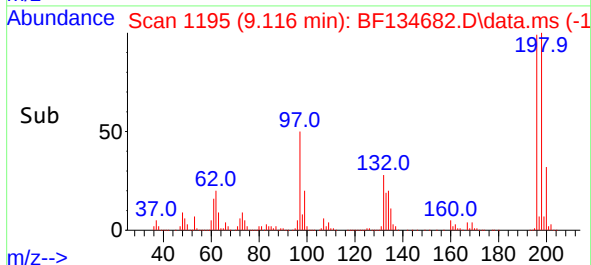
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

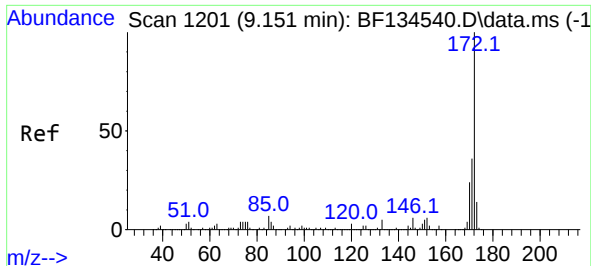


#44
2,4,5-Trichlorophenol
Concen: 44.212 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:196 Resp: 384122
Ion Ratio Lower Upper
196 100
198 100.8 73.0 109.4
97 50.4 40.8 61.2
132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 69.235 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

Tgt Ion:172 Resp: 1663260

Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

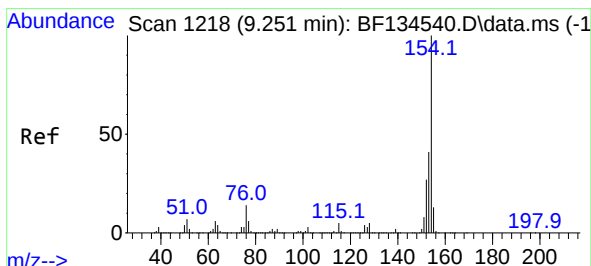
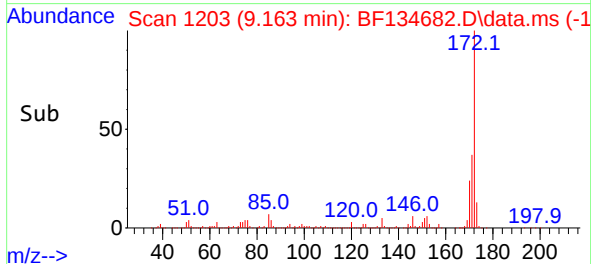
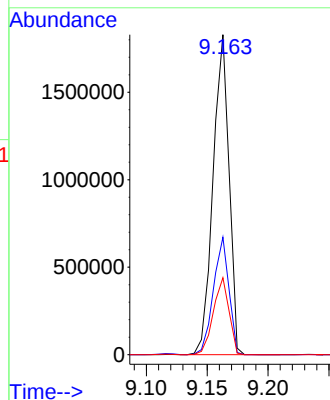
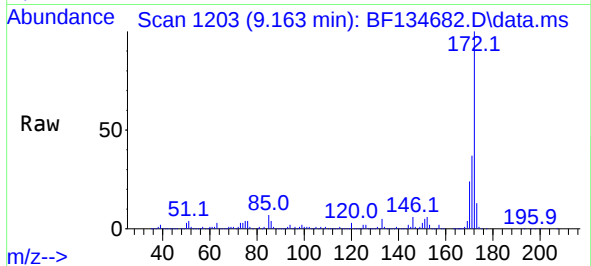
170 24.1 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#46

1,1'-Biphenyl

Concen: 43.447 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

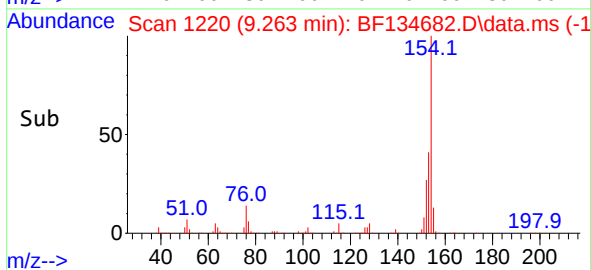
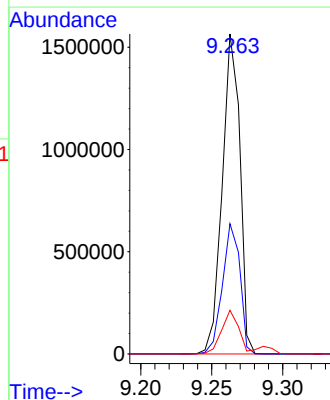
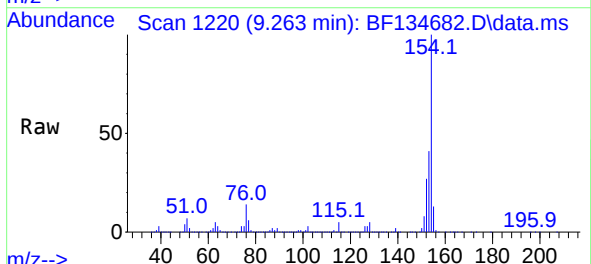
Tgt Ion:154 Resp: 1349533

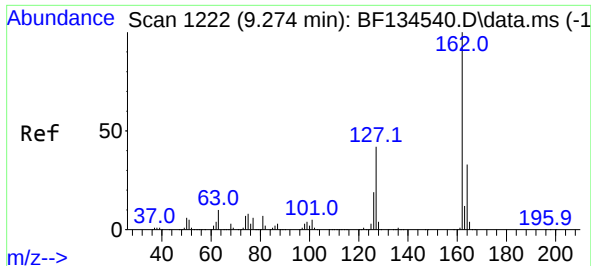
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.6 0.0 30.2





#47

2-Chloronaphthalene

Concen: 44.414 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

Tgt Ion:162 Resp: 103370

Ion Ratio Lower Upper

162 100

127 41.9 34.0 51.0

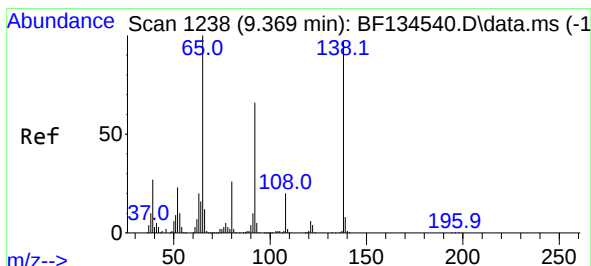
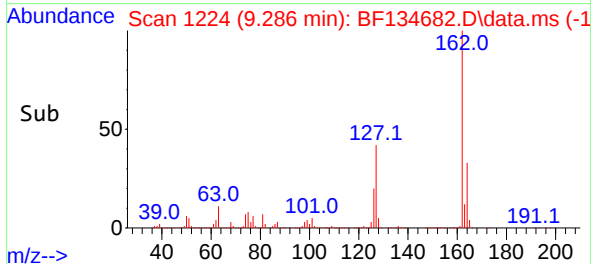
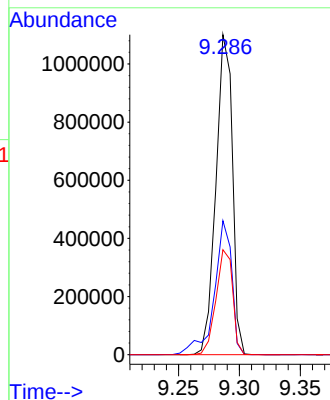
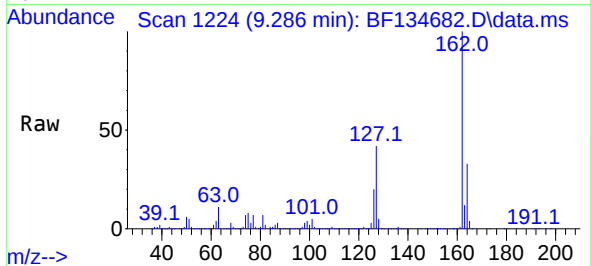
164 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#48

2-Nitroaniline

Concen: 47.941 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

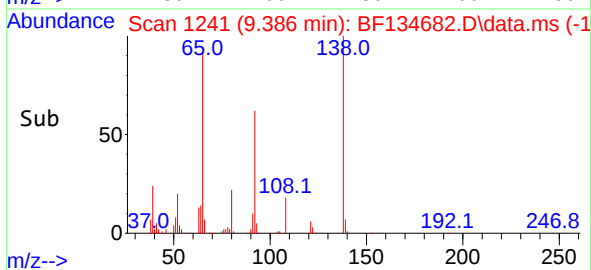
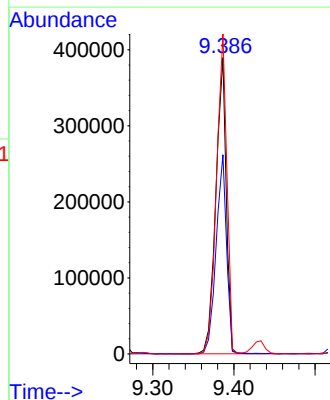
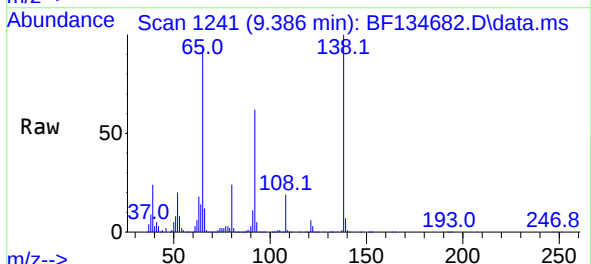
Tgt Ion: 65 Resp: 347830

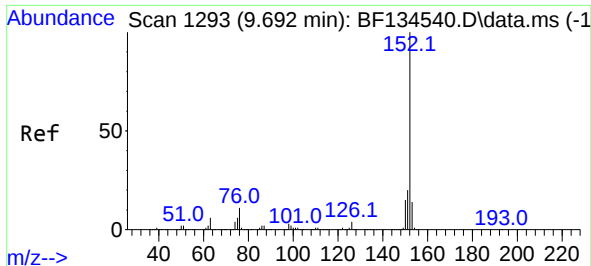
Ion Ratio Lower Upper

65 100

92 67.3 50.7 76.1

138 108.0 78.2 117.4





#49

Acenaphthylene

Concen: 42.379 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

Tgt Ion:152 Resp: 155043

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

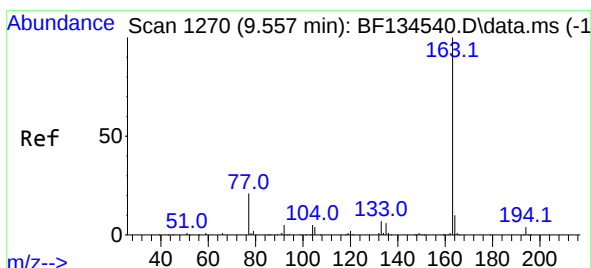
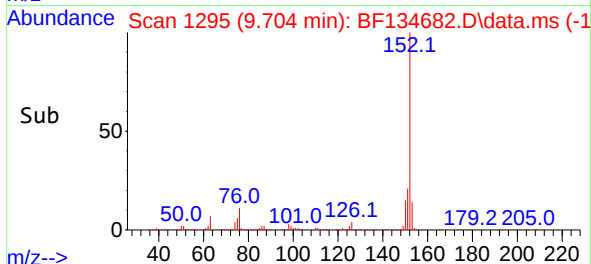
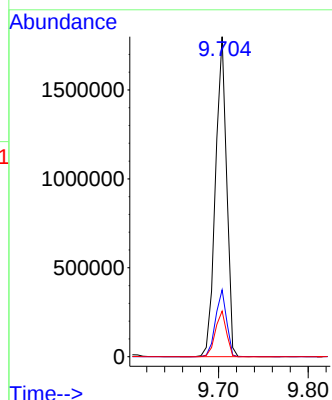
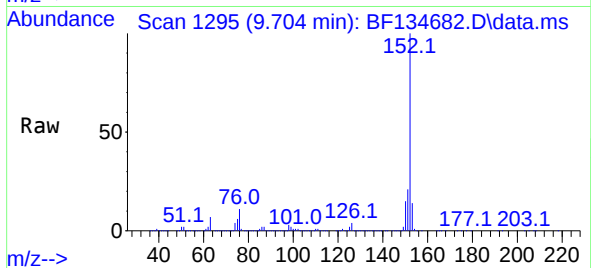
153 14.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#50

Dimethylphthalate

Concen: 46.109 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

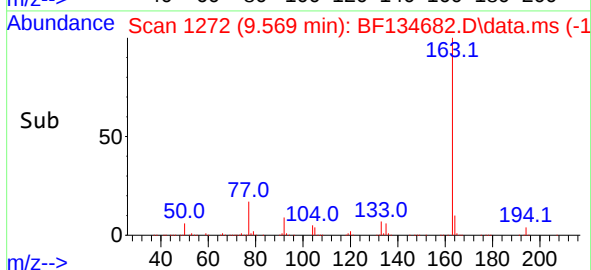
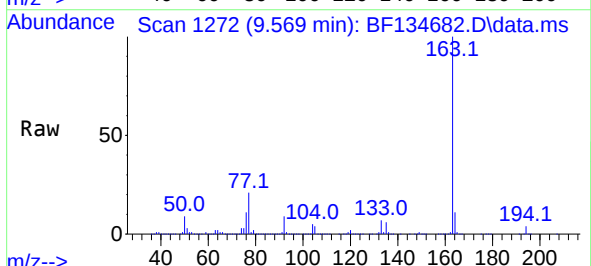
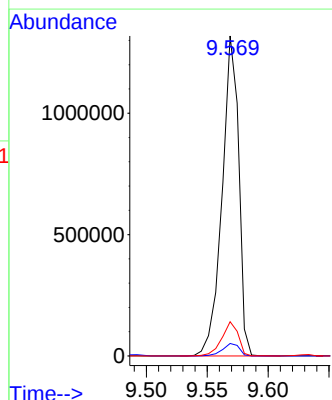
Tgt Ion:163 Resp: 1255279

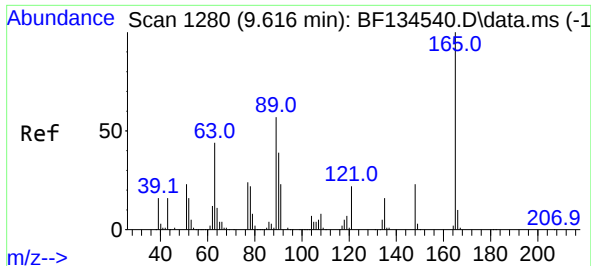
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

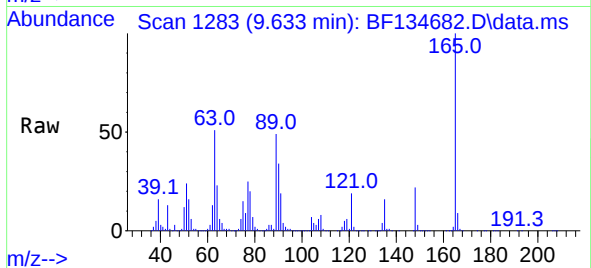
164 10.7 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 50.135 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

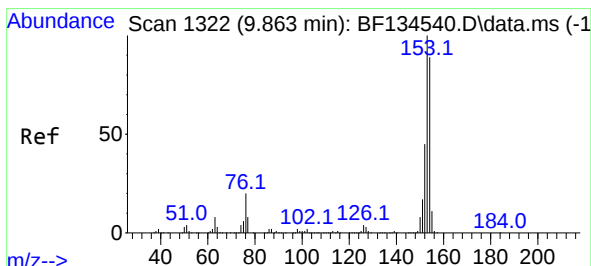
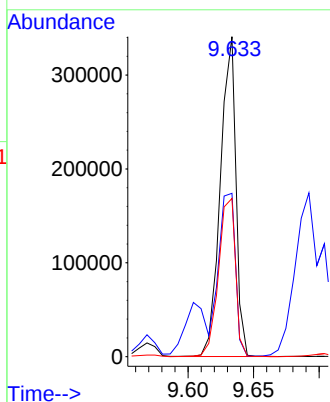
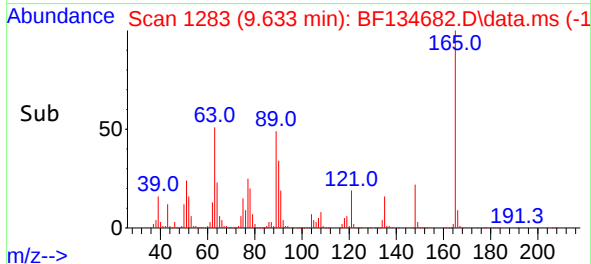
Instrument :
BNA_F
Client Sample Id :
OS-1MS



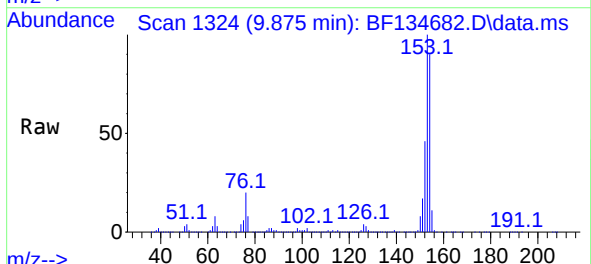
Tgt Ion:165 Resp: 280308
Ion Ratio Lower Upper
165 100
63 51.0 57.8 86.6
89 49.4 51.8 77.8

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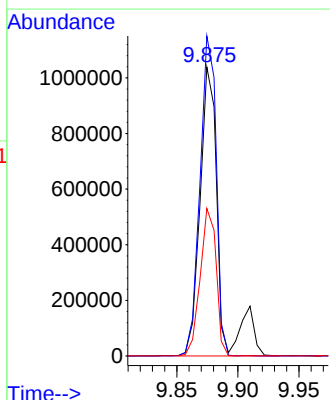
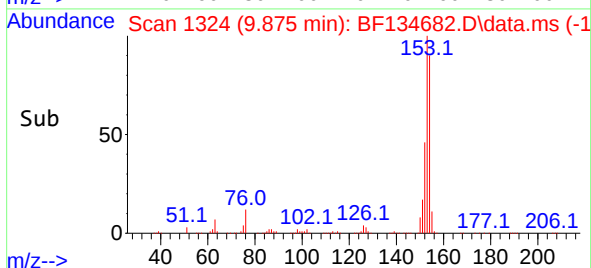
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

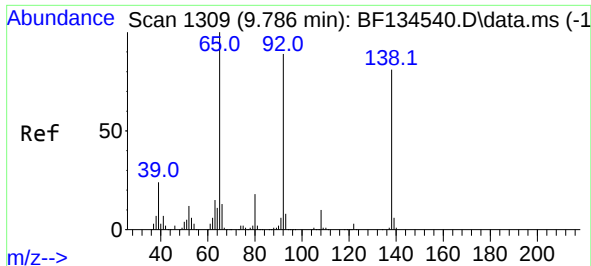


#52
Acenaphthene
Concen: 46.577 ng m
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:154 Resp: 1104265
Ion Ratio Lower Upper
154 100
153 110.7 90.0 135.0
152 51.1 42.4 63.6





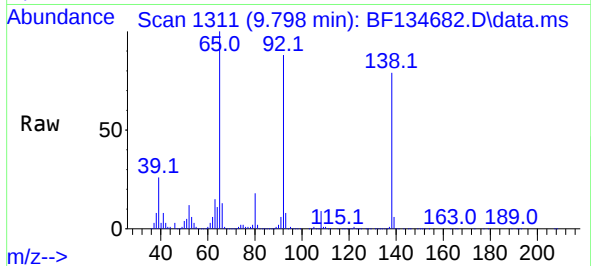
#53
3-Nitroaniline
Concen: 41.278 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

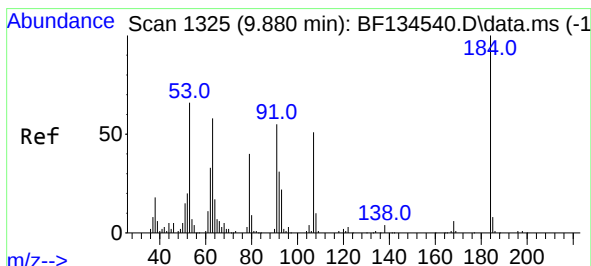
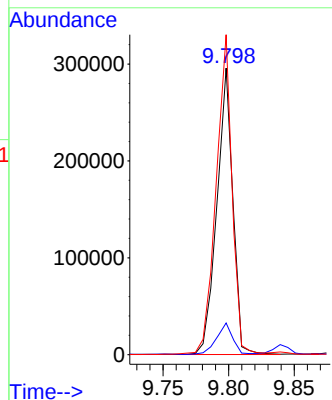
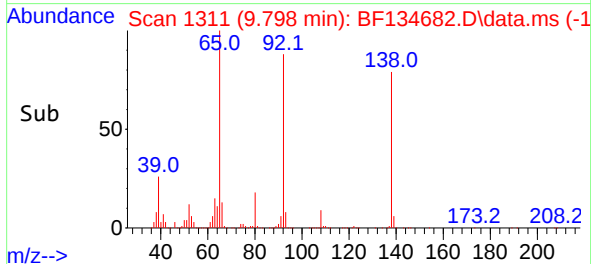


Tgt Ion:138 Resp: 250474
Ion Ratio Lower Upper
138 100
108 11.1 9.3 13.9
92 111.7 86.6 129.8

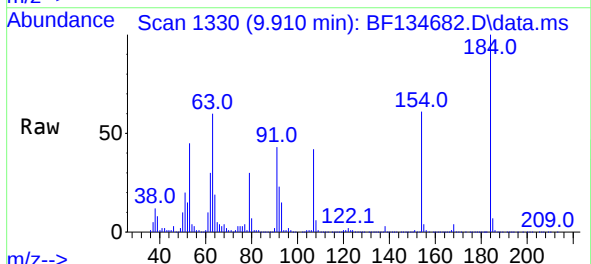
Manual Integrations

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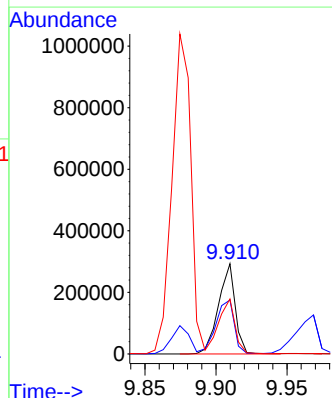
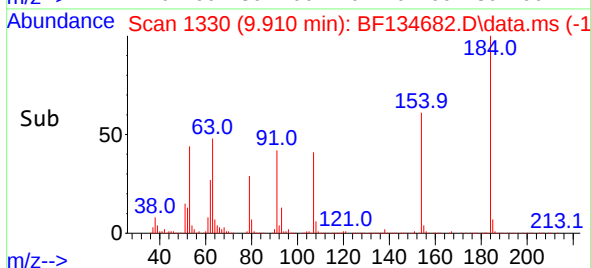
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

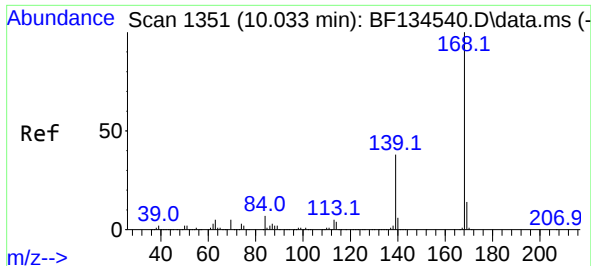


#54
2,4-Dinitrophenol
Concen: 98.728 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



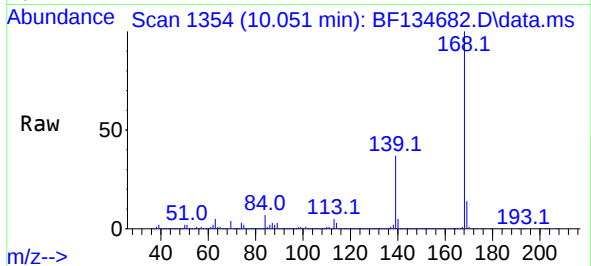
Tgt Ion:184 Resp: 240601
Ion Ratio Lower Upper
184 100
63 59.8 57.1 85.7
154 61.0 59.1 88.7





#55
Dibenzenofuran
Concen: 41.413 ng
RT: 10.051 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

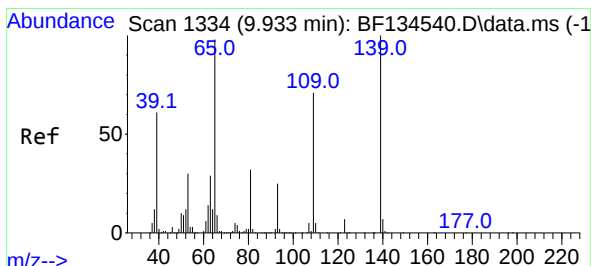
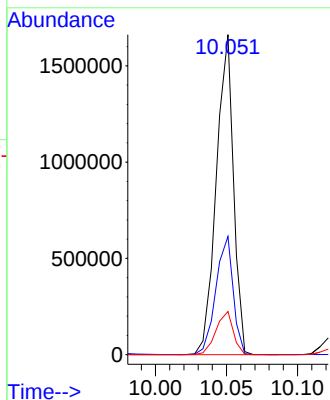
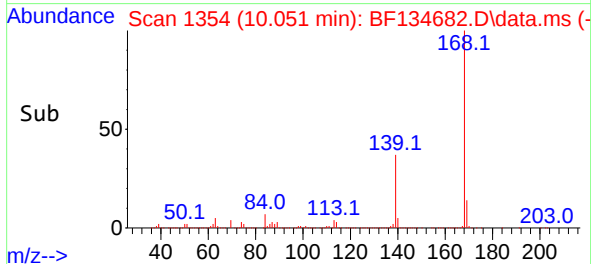
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:168 Resp: 1397698
Ion Ratio Lower Upper
168 100
139 36.9 33.4 50.2
169 13.5 10.6 15.8

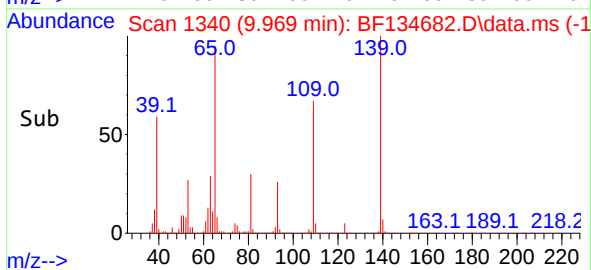
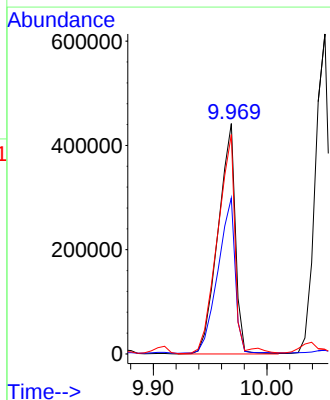
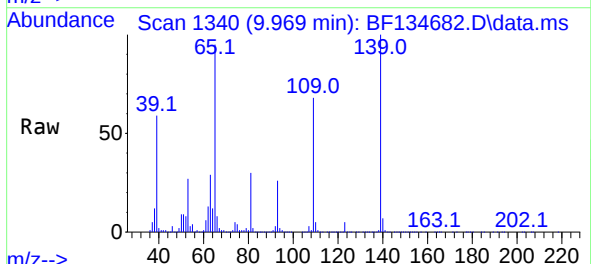
Manual Integrations
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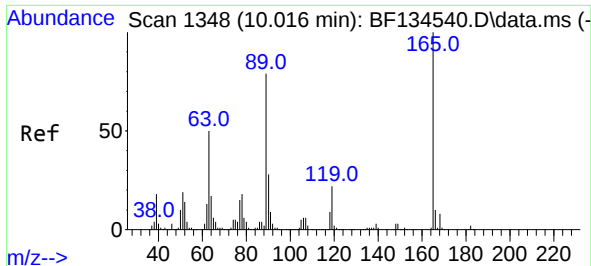
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#56
4-Nitrophenol
Concen: 94.004 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

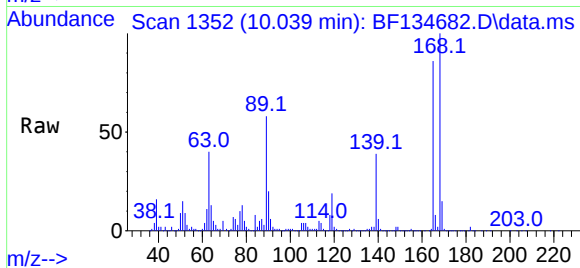
Tgt Ion:139 Resp: 466533
Ion Ratio Lower Upper
139 100
109 67.7 76.9 116.9#
65 95.2 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 51.397 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

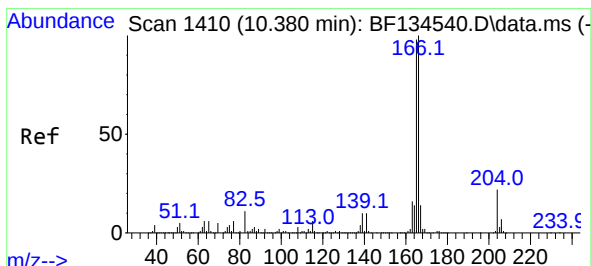
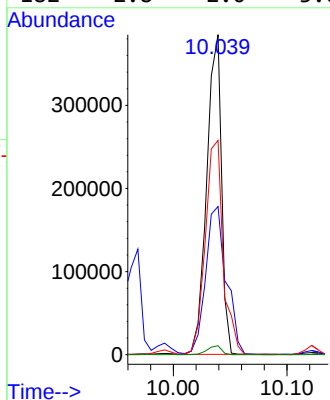
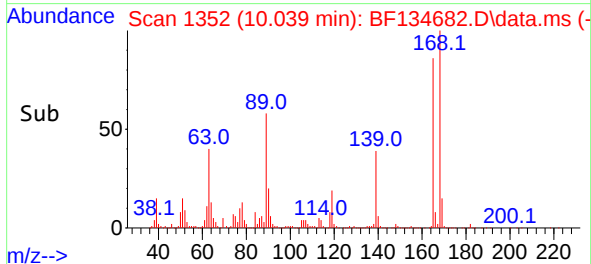
Instrument :
BNA_F
ClientSampleId :
OS-1MS



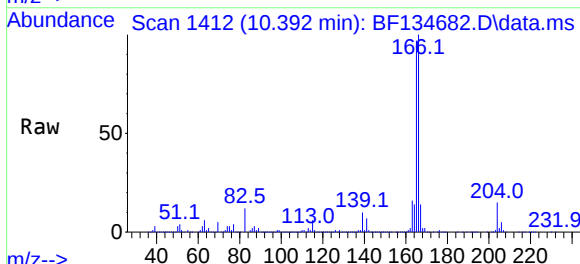
Tgt Ion:165 Resp: 34772
Ion Ratio Lower Upper
165 100
63 46.3 48.9 73.3
89 66.9 61.7 92.5
182 2.8 2.0 3.0

Manual Integrations
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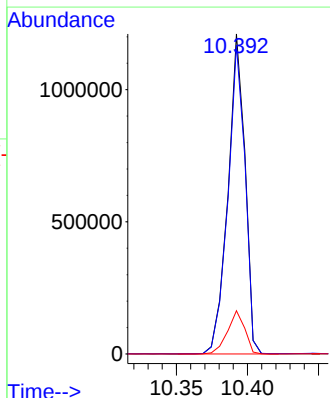
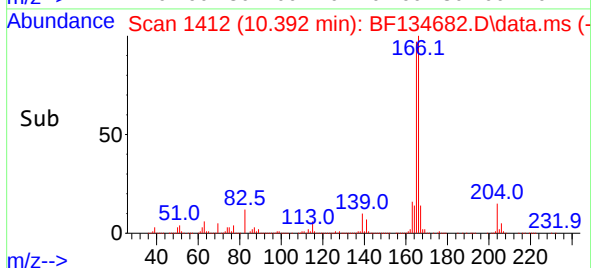
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

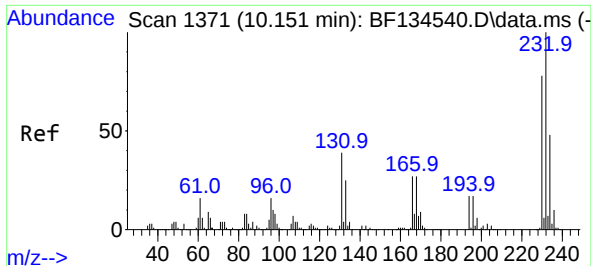


#58
Fluorene
Concen: 41.170 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



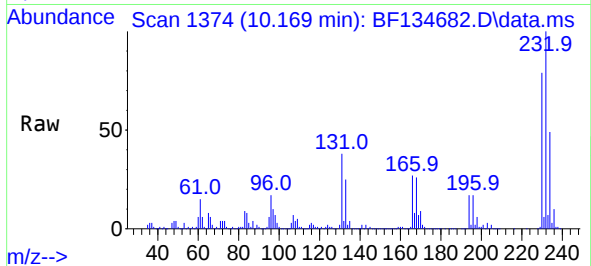
Tgt Ion:166 Resp: 1012085
Ion Ratio Lower Upper
166 100
165 96.6 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.352 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

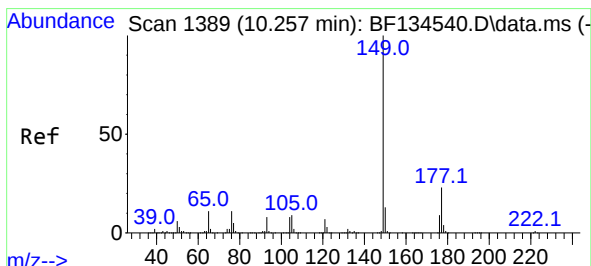
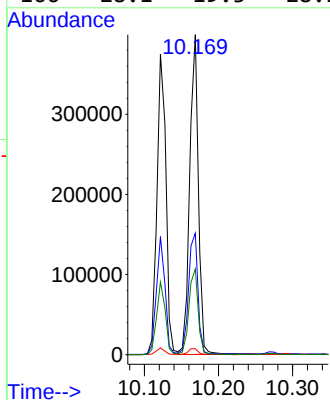
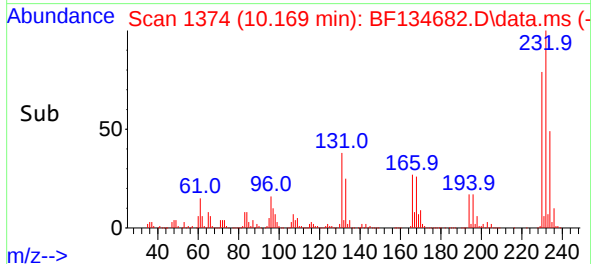
Instrument :
BNA_F
ClientSampleId :
OS-1MS



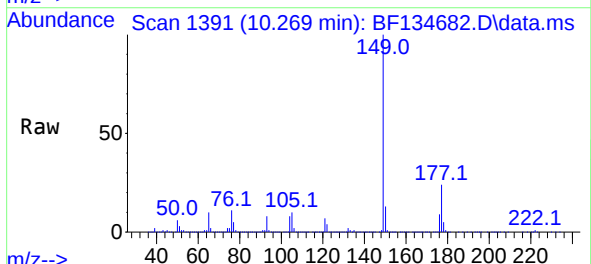
Tgt Ion:232 Resp: 32547
Ion Ratio Lower Upper
232 100
131 40.8 33.4 50.0
130 2.1 1.8 2.6
166 28.1 19.3 28.9

Manual Integrations
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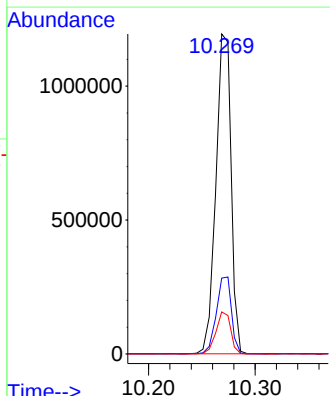
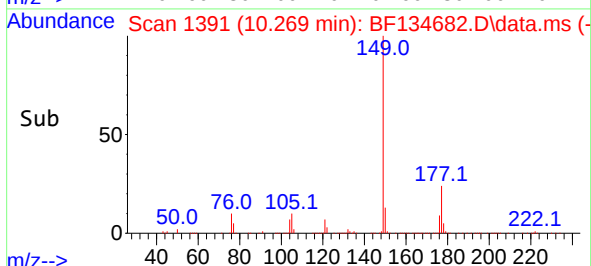
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

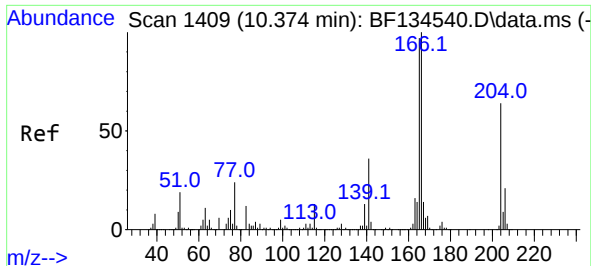


#60
Diethylphthalate
Concen: 45.886 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



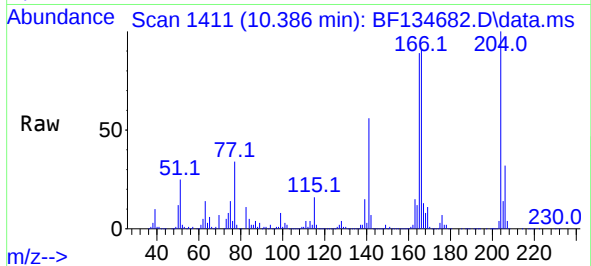
Tgt Ion:149 Resp: 1184073
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.4
150 13.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.319 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

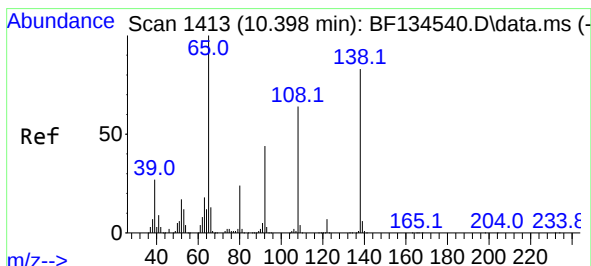
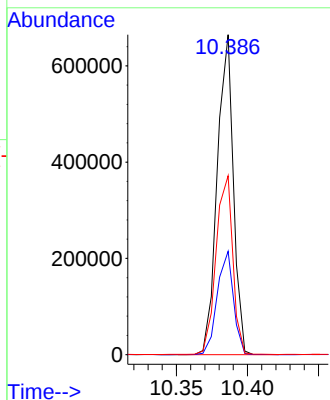
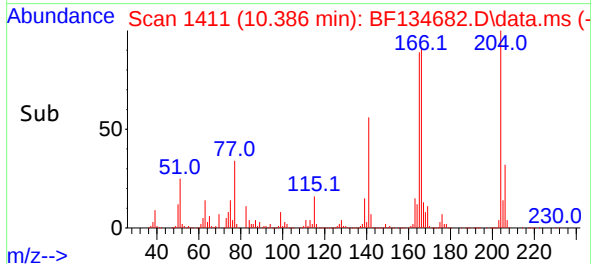
Instrument :
BNA_F
ClientSampleId :
OS-1MS



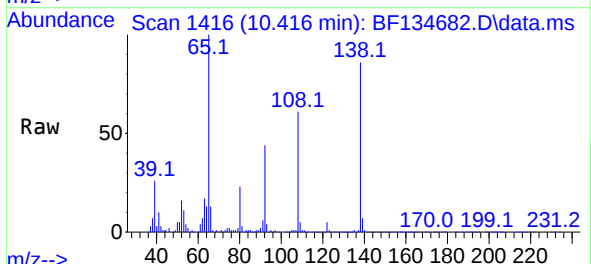
Tgt Ion:204 Resp: 523438
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 55.9 52.2 78.4

Manual Integrations
APPROVED

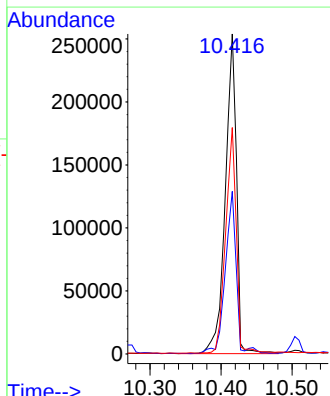
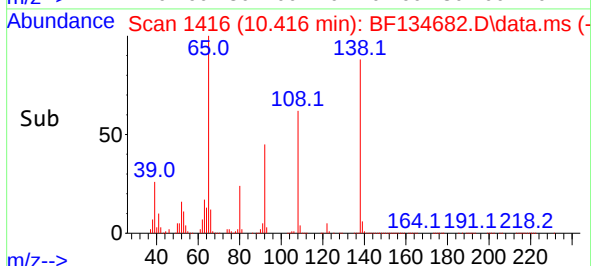
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

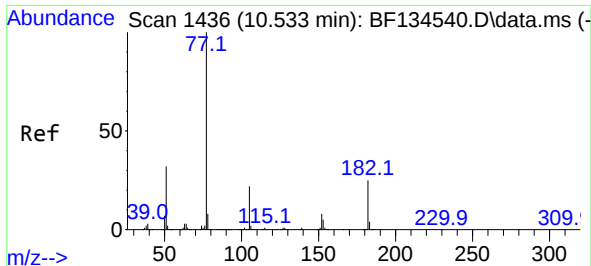


#62
4-Nitroaniline
Concen: 46.407 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



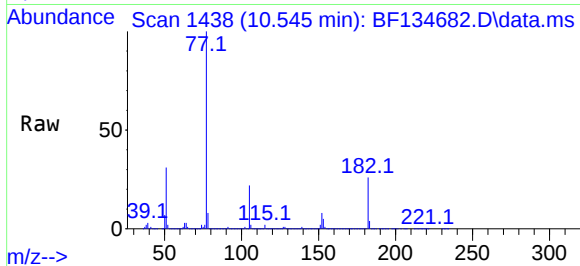
Tgt Ion:138 Resp: 276008
Ion Ratio Lower Upper
138 100
92 50.8 27.0 67.0
108 70.7 70.4 110.4





#63
Azobenzene
Concen: 40.599 ng
RT: 10.545 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

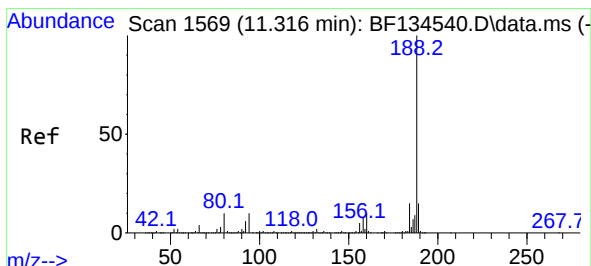
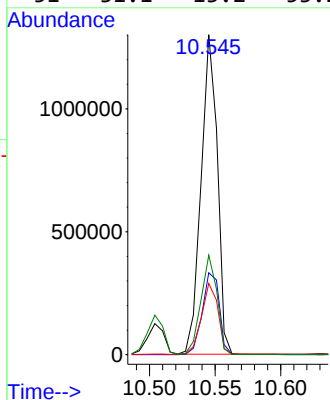
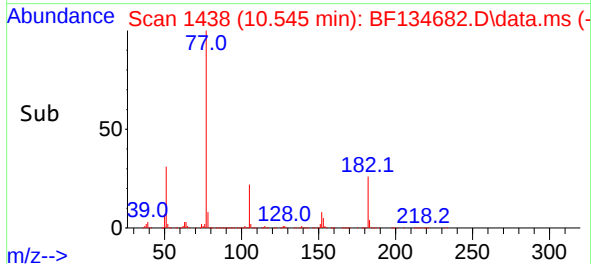
Instrument :
BNA_F
ClientSampleId :
OS-1MS



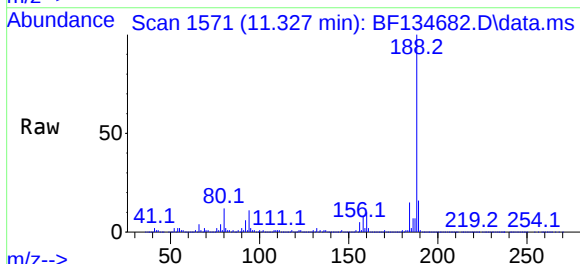
Tgt Ion: 77 Resp: 112560
Ion Ratio Lower Upper
77 100
182 25.6 7.5 47.5
105 22.2 1.9 41.9
51 31.1 13.2 53.2

Manual Integrations
APPROVED

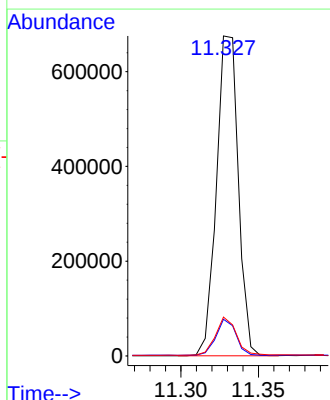
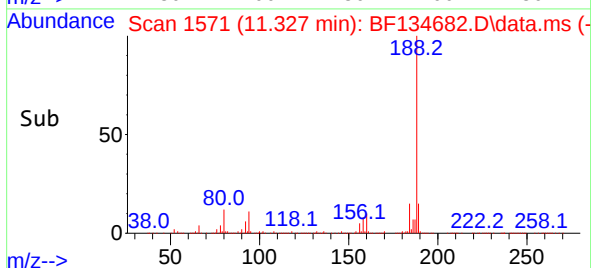
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

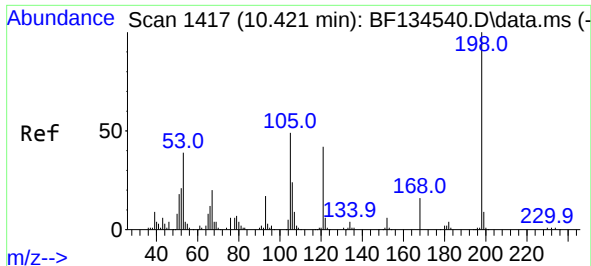


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:188 Resp: 662804
Ion Ratio Lower Upper
188 100
94 11.4 5.1 7.7#
80 12.2 6.6 9.8#





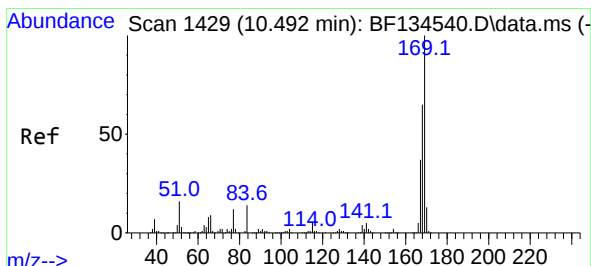
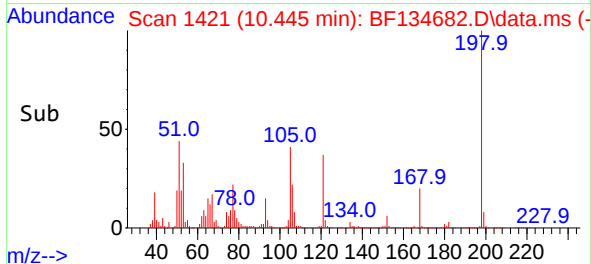
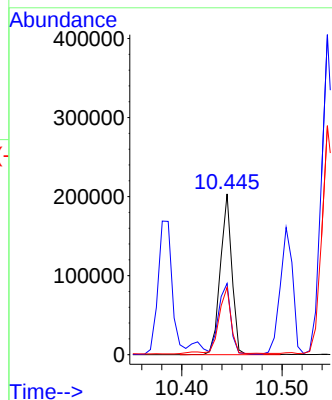
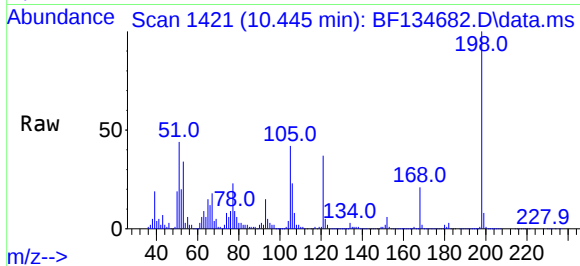
#65
4,6-Dinitro-2-methylphenol
Concen: 58.311 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion:198 Resp: 162325
Ion Ratio Lower Upper
198 100
51 44.2 38.6 78.6
105 41.8 27.9 67.9

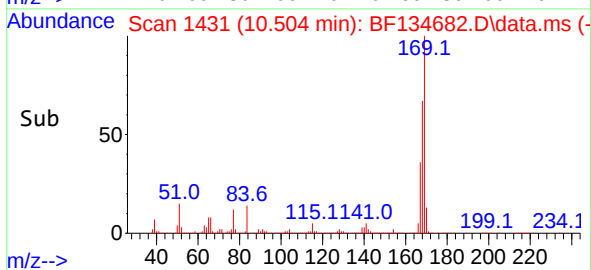
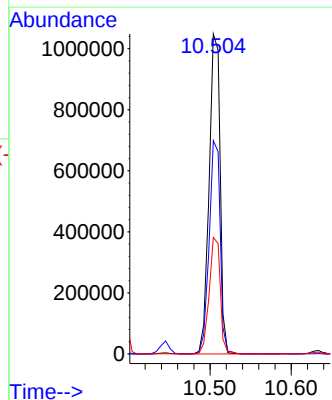
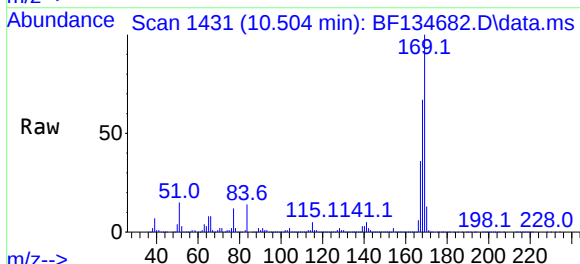
Manual Integrations
APPROVED

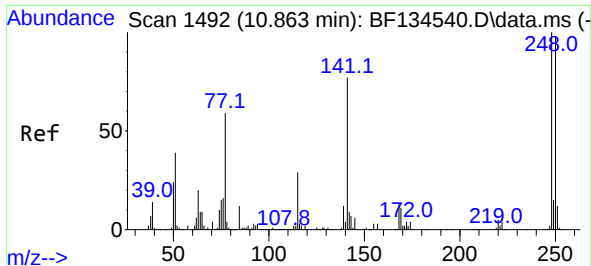
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#66
n-Nitrosodiphenylamine
Concen: 46.407 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:169 Resp: 979021
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 36.4 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 47.739 ng
RT: 10.875 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

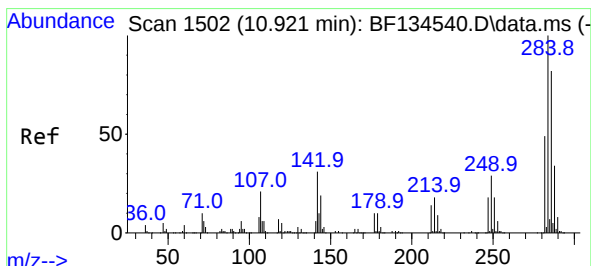
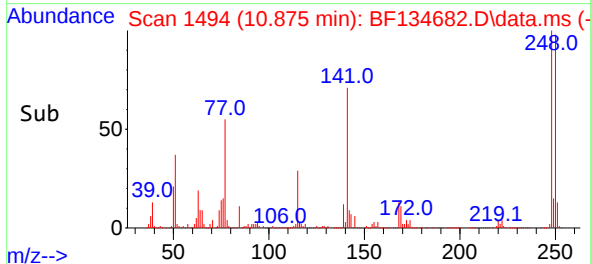
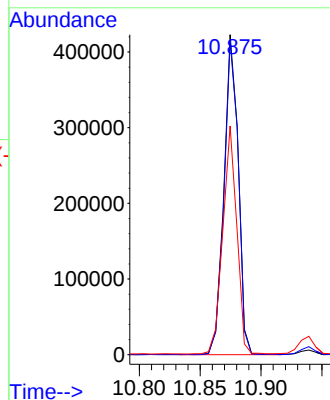
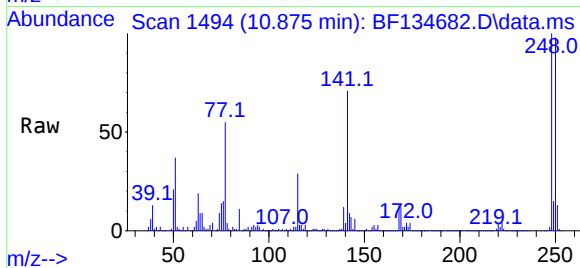
OS-1MS

Tgt Ion:248 Resp: 34637
Ion Ratio Lower Upper
248 100
250 98.0 79.6 119.4
141 71.4 59.6 89.4

Manual Integrations

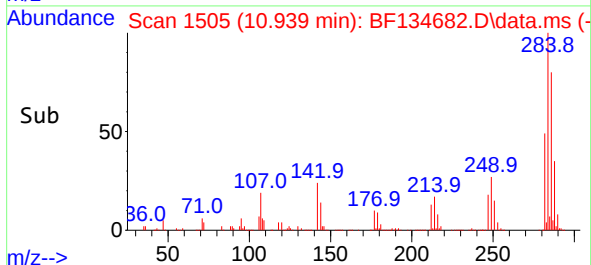
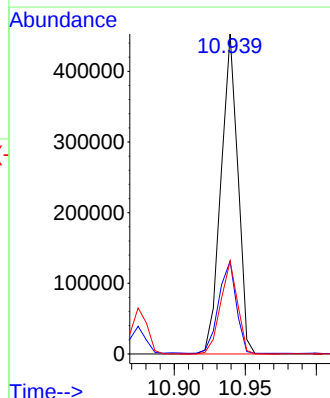
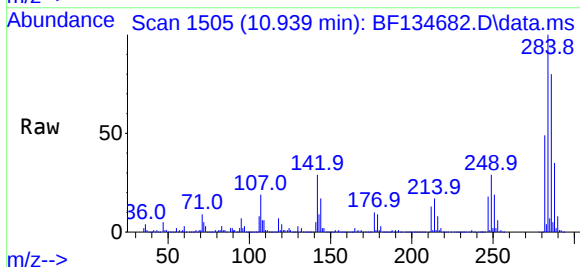
APPROVED

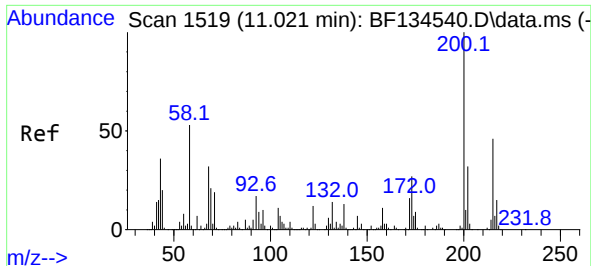
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#68
Hexachlorobenzene
Concen: 48.707 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:284 Resp: 373182
Ion Ratio Lower Upper
284 100
142 29.0 26.5 39.7
249 29.0 23.8 35.8





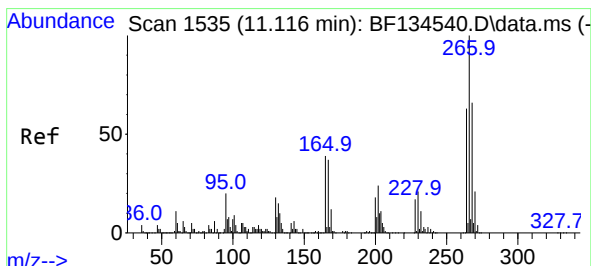
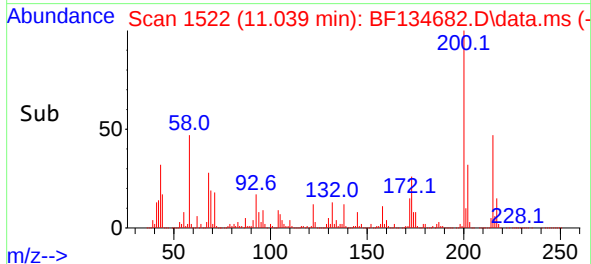
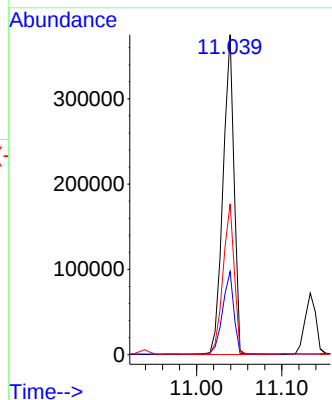
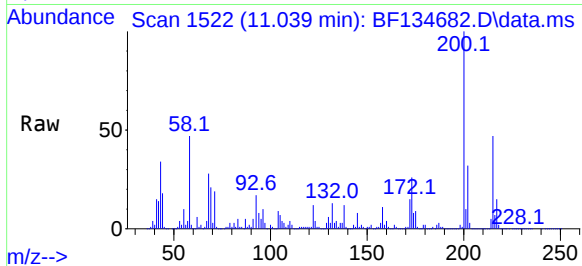
#69
Atrazine
Concen: 59.378 ng
RT: 11.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion:200 Resp: 337634
Ion Ratio Lower Upper
200 100
173 26.0 6.1 46.1
215 47.2 29.7 69.7

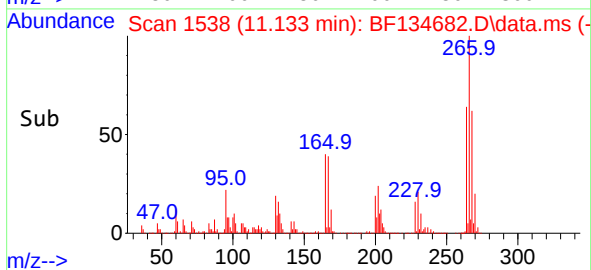
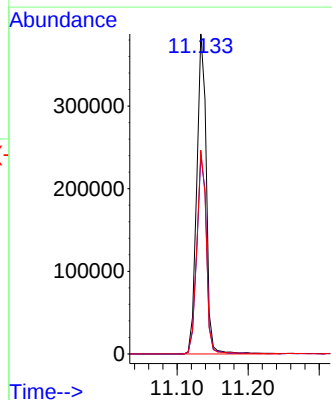
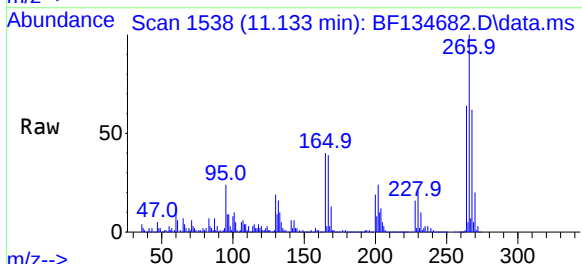
Manual Integrations
APPROVED

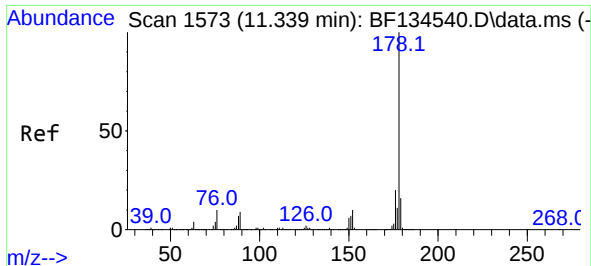
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#70
Pentachlorophenol
Concen: 76.481 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

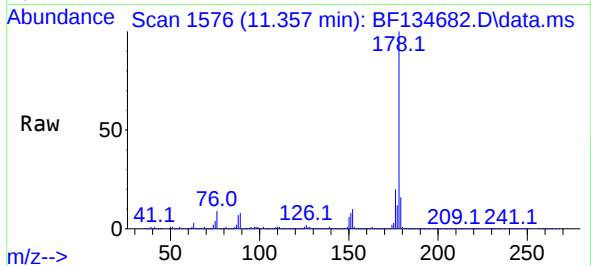
Tgt Ion:266 Resp: 362818
Ion Ratio Lower Upper
266 100
268 62.1 52.9 79.3
264 63.6 47.8 71.6





#71
Phenanthrene
Concen: 41.842 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

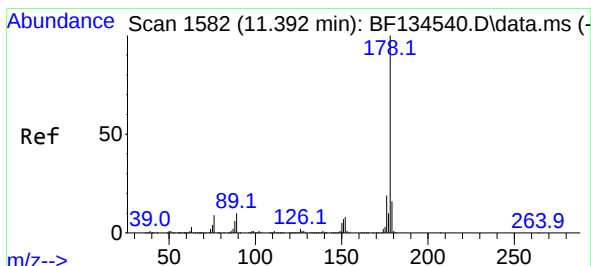
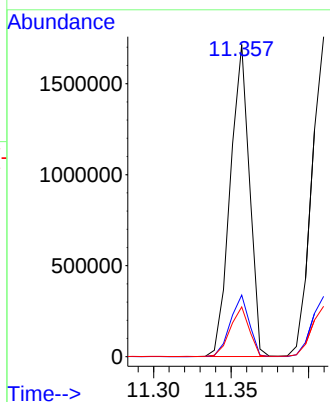
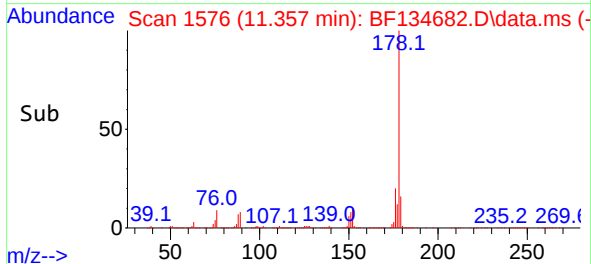
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:178 Resp: 147308
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.9 12.7 19.1

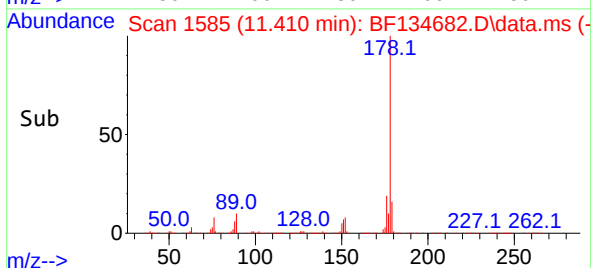
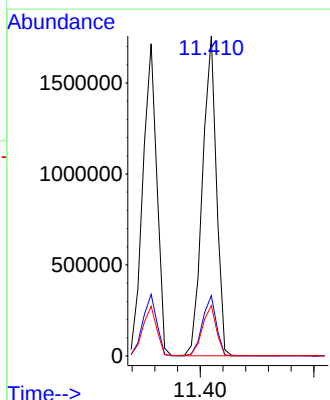
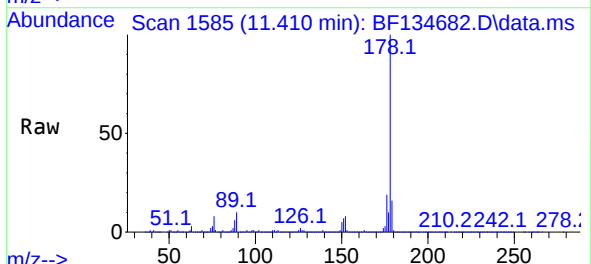
Manual Integrations
APPROVED

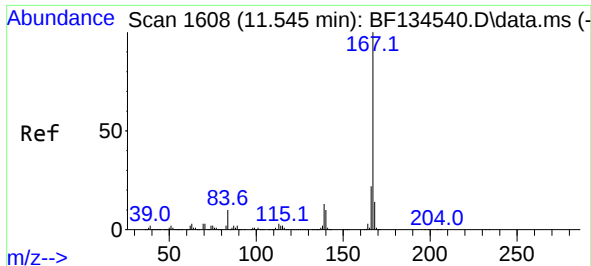
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#72
Anthracene
Concen: 41.623 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

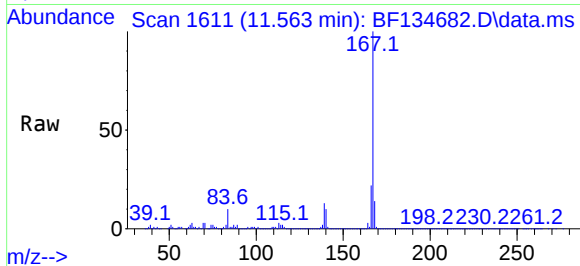
Tgt Ion:178 Resp: 1496774
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 41.293 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

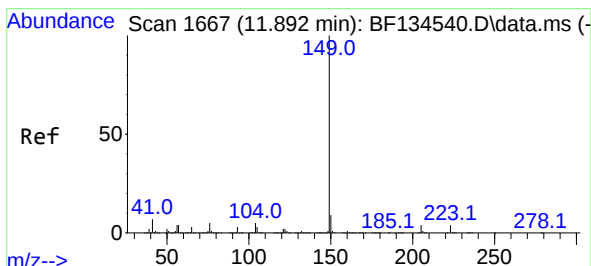
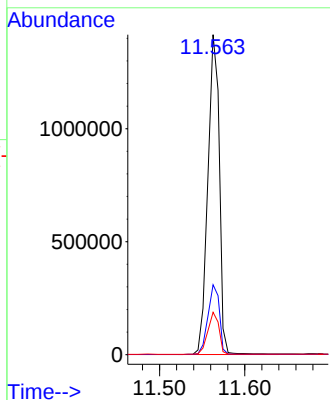
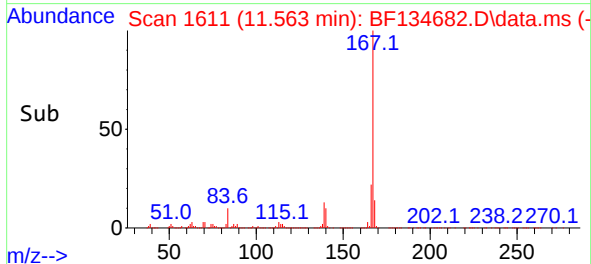
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS



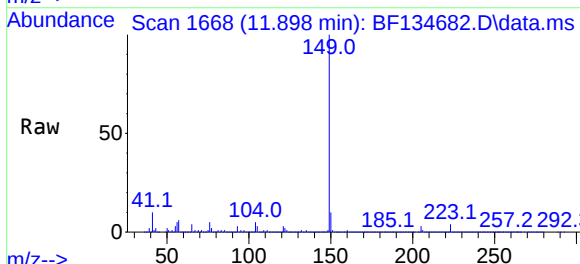
Tgt Ion:167 Resp: 132585
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.2 11.0 16.4

Manual Integrations
 APPROVED

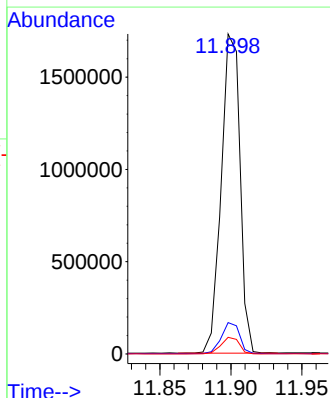
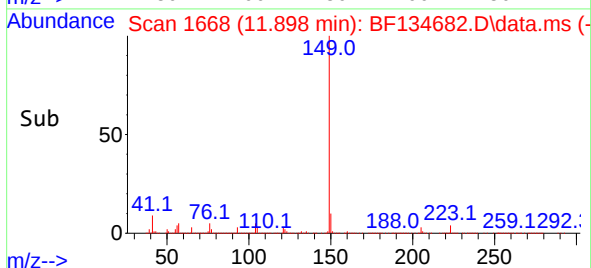
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

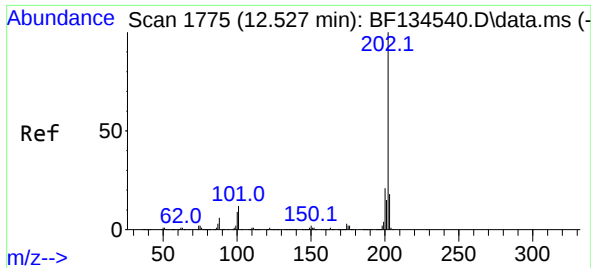


#74
 Di-n-butylphthalate
 Concen: 46.598 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30



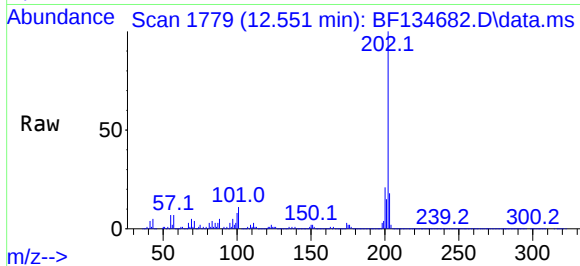
Tgt Ion:149 Resp: 1589544
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.2 10.8
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 35.533 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

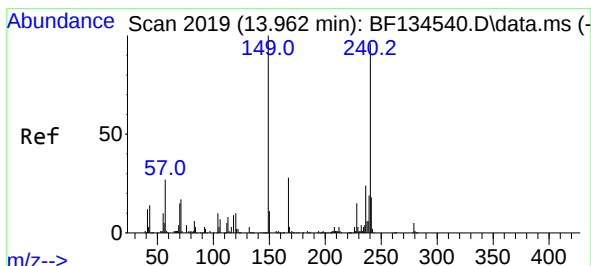
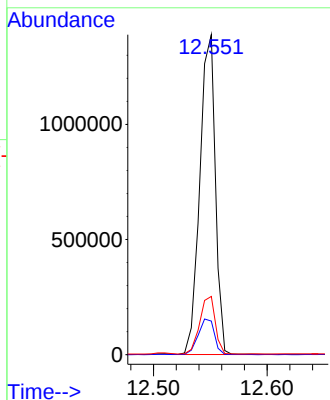
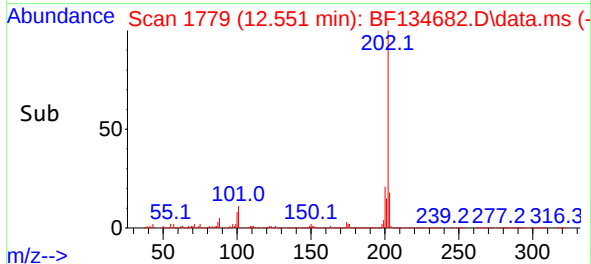
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:202 Resp: 1321400
Ion Ratio Lower Upper
202 100
101 10.5 0.0 28.5
203 18.2 0.0 37.5

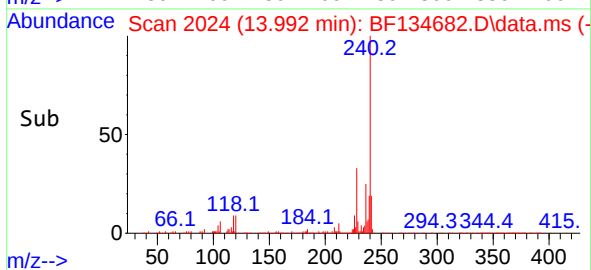
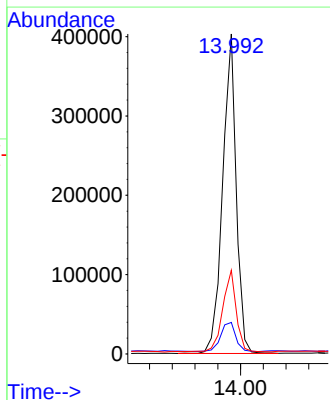
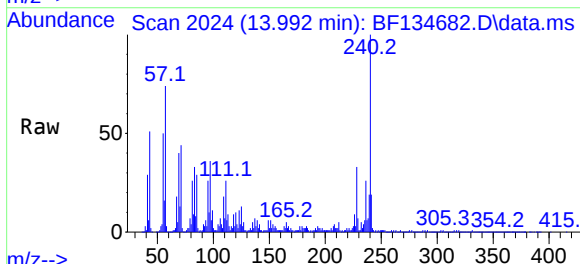
Manual Integrations
APPROVED

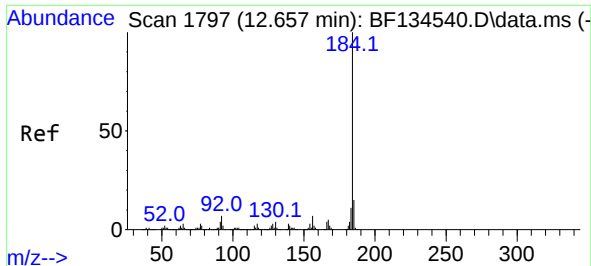
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

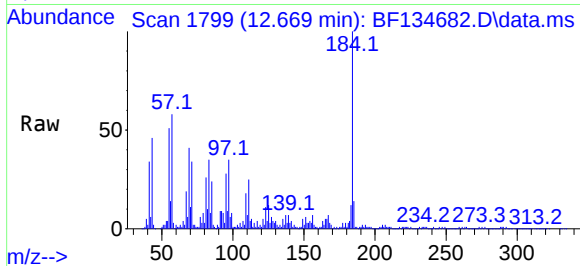
Tgt Ion:240 Resp: 335577
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 26.2 20.2 30.2





#77
Benzidine
Concen: 35.423 ng
RT: 12.669 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

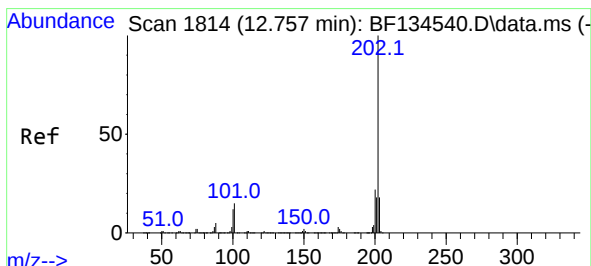
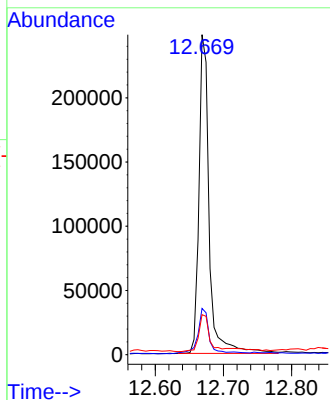
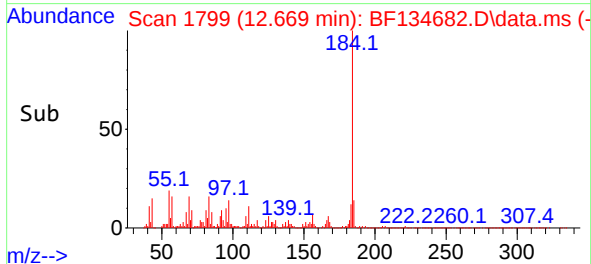
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:184 Resp: 25804
Ion Ratio Lower Upper
184 100
185 14.5 11.2 16.8
183 12.5 8.6 13.0

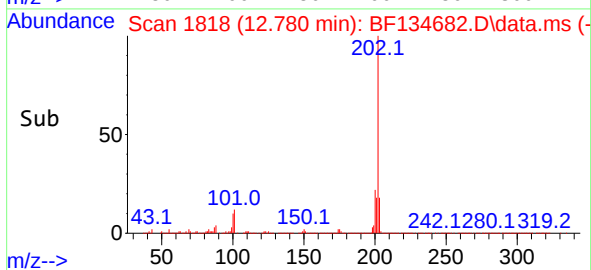
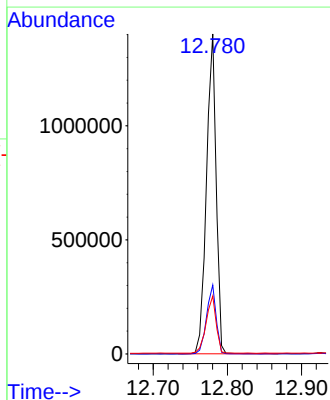
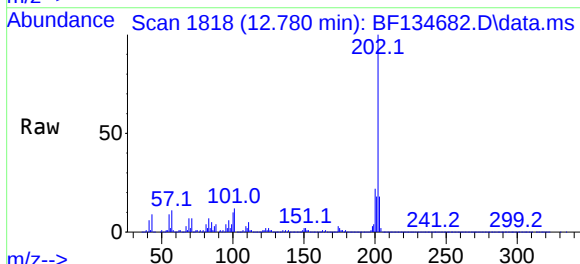
Manual Integrations
APPROVED

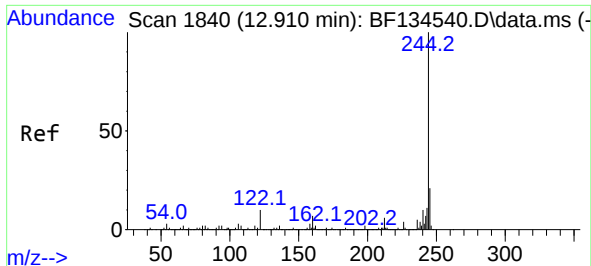
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#78
Pyrene
Concen: 43.896 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

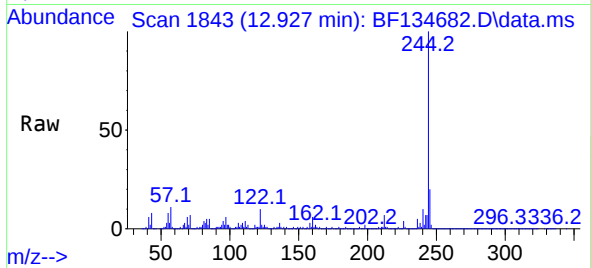
Tgt Ion:202 Resp: 1274654
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.1 13.5 20.3





#79
 Terphenyl-d14
 Concen: 76.052 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

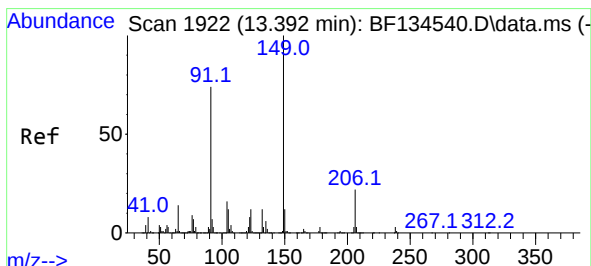
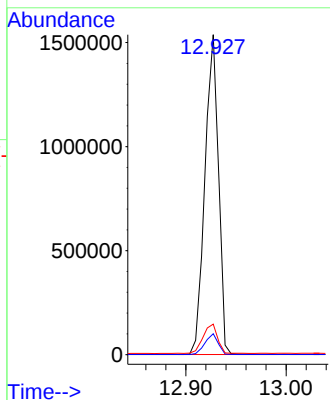
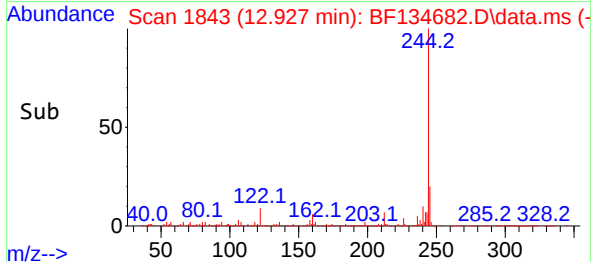
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MS



Tgt Ion:244 Resp: 1447710
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.6 8.0 12.0

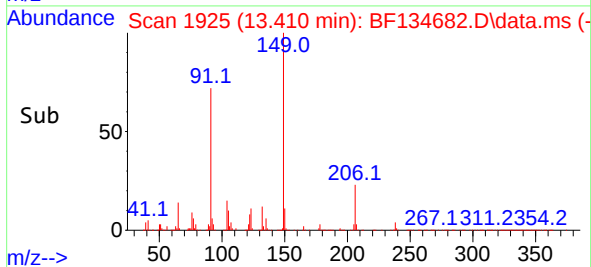
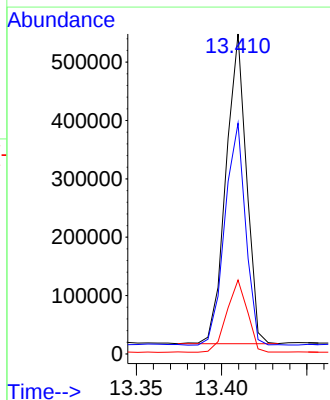
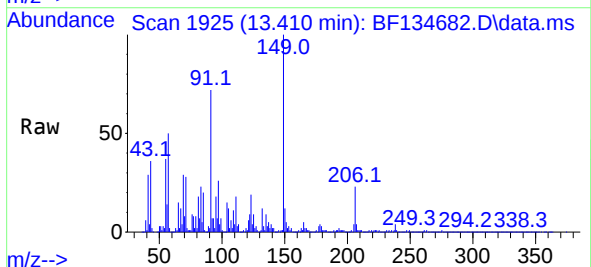
Manual Integrations
 APPROVED

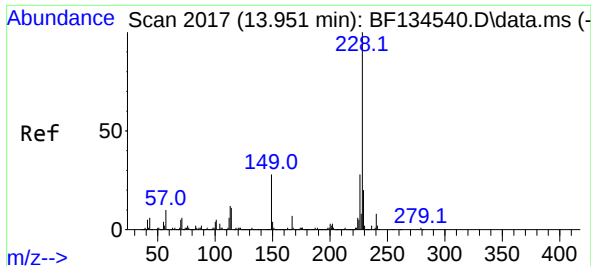
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023



#80
 Butylbenzylphthalate
 Concen: 45.295 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.012 min
 Lab File: BF134682.D
 Acq: 09 Aug 2023 10:30

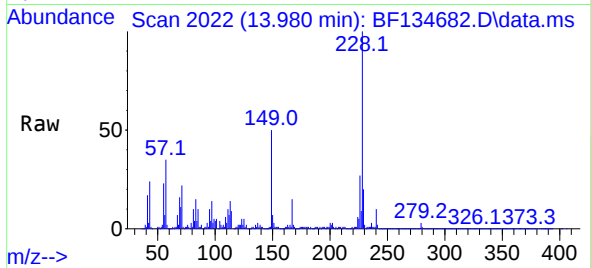
Tgt Ion:149 Resp: 444753
 Ion Ratio Lower Upper
 149 100
 91 72.1 55.8 83.6
 206 23.1 14.6 21.8#





#81
Benzo(a)anthracene
Concen: 40.713 ng
RT: 13.980 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

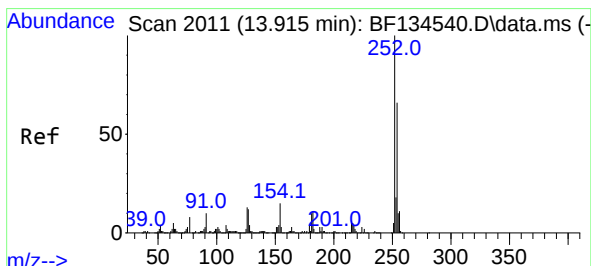
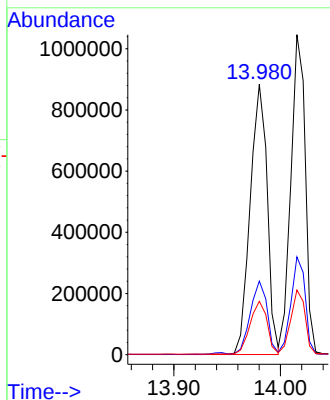
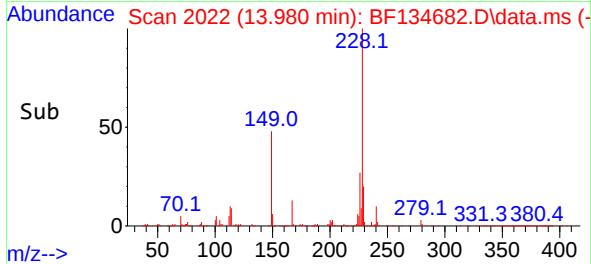
Instrument :
BNA_F
ClientSampleId :
OS-1MS



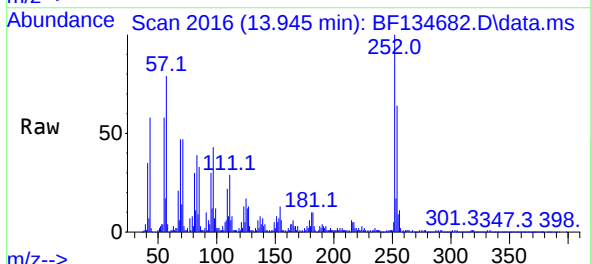
Tgt Ion:228 Resp: 976919
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.7 15.8 23.6

Manual Integrations
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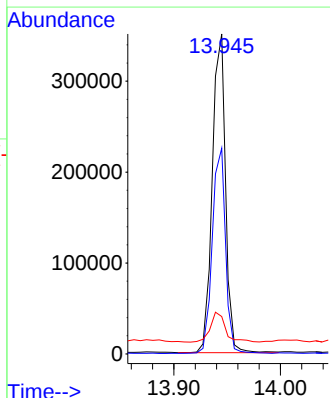
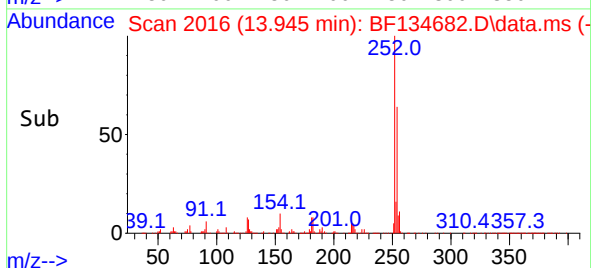
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

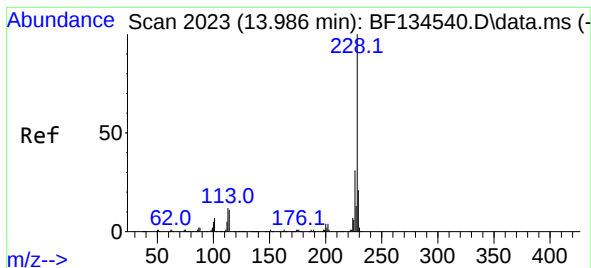


#82
3,3'-Dichlorobenzidine
Concen: 43.482 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30



Tgt Ion:252 Resp: 302433
Ion Ratio Lower Upper
252 100
254 64.3 52.7 79.1
126 11.7 7.2 10.8





#83

Chrysene

Concen: 42.025 ng

RT: 14.015 min Scan# 2021

Delta R.T. 0.018 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

OS-1MS

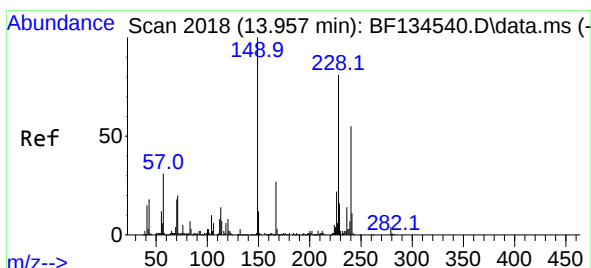
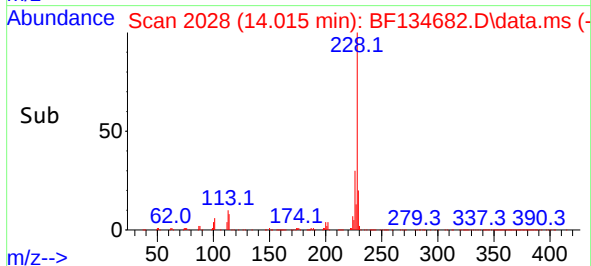
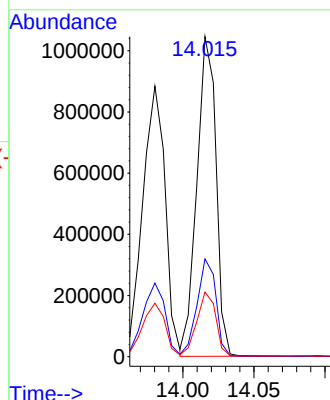
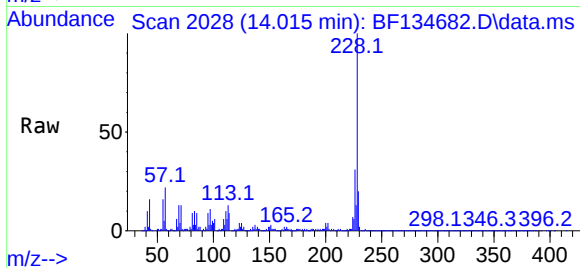
Tgt Ion:228 Resp: 982458
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.5 36.7
 229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.769 ng

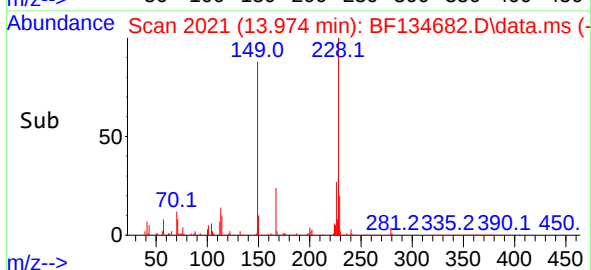
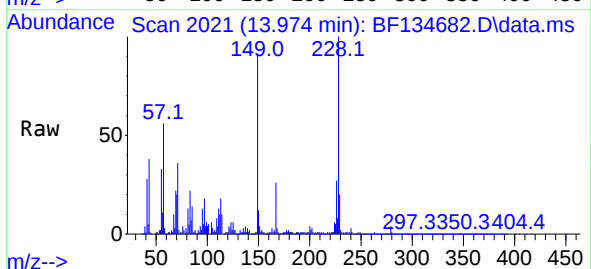
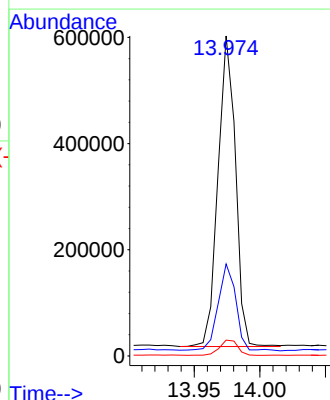
RT: 13.974 min Scan# 2021

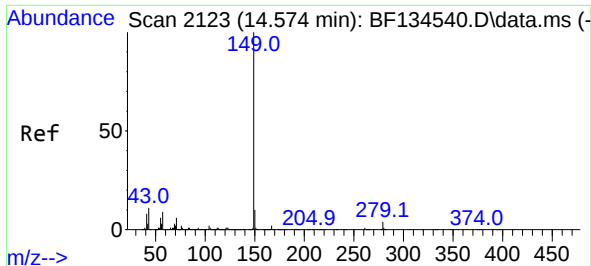
Delta R.T. 0.012 min

Lab File: BF134682.D

Acq: 09 Aug 2023 10:30

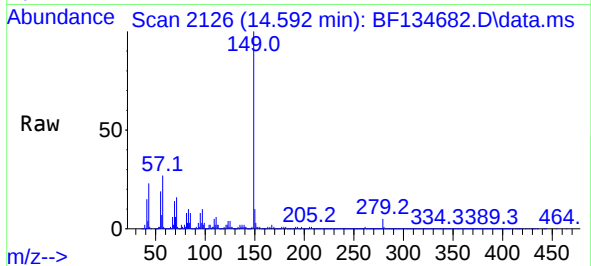
Tgt Ion:149 Resp: 540424
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.6 32.4
 279 4.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 63.772 ng
RT: 14.592 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

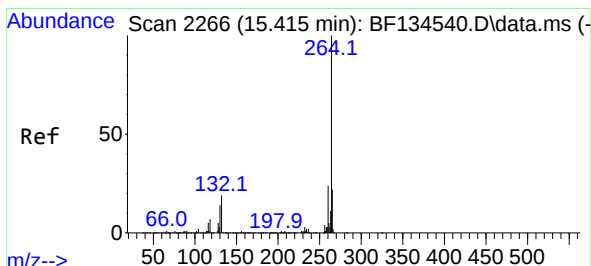
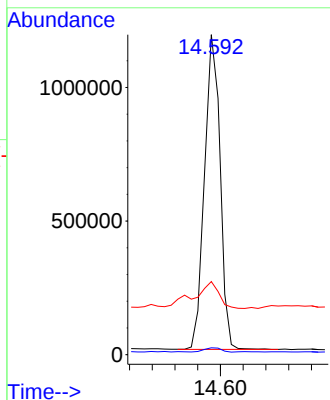
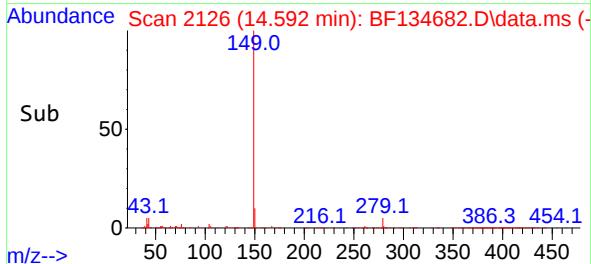
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:149 Resp: 1120580
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 14.4 8.1 12.1

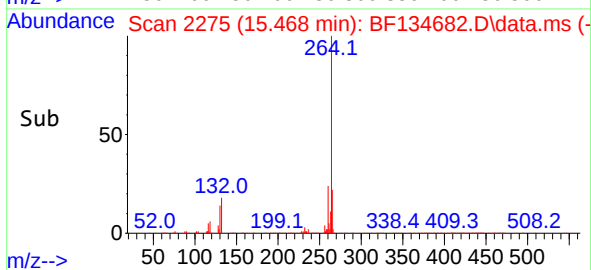
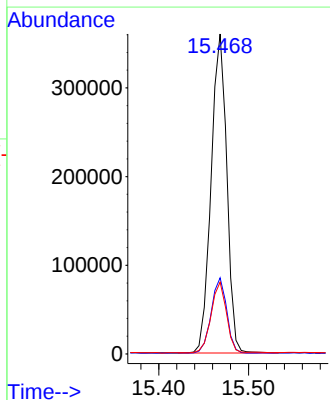
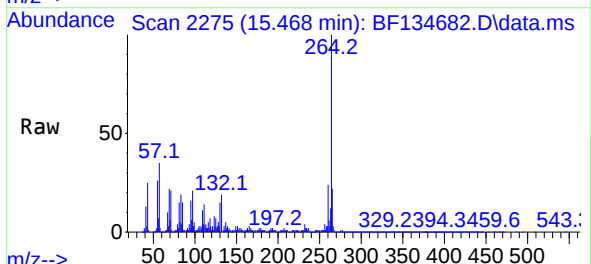
Manual Integrations
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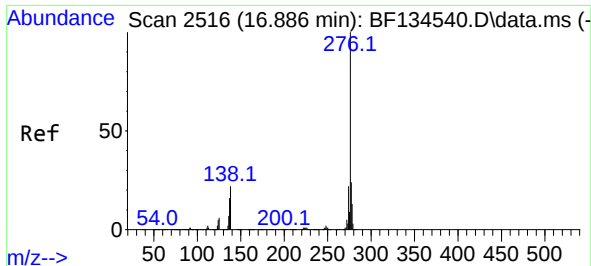
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:264 Resp: 437414
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.4 15.8 23.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.712 ng
RT: 16.974 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :

BNA_F

ClientSampleId :

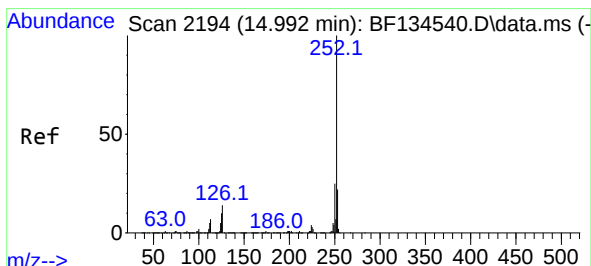
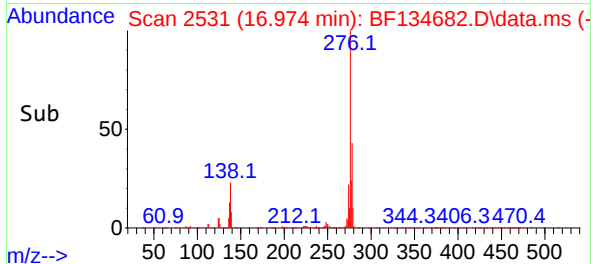
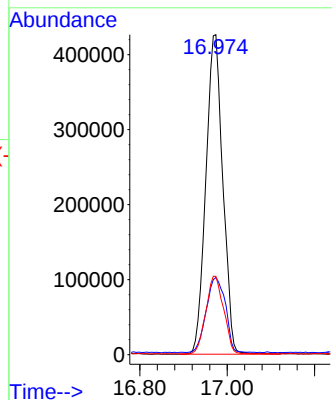
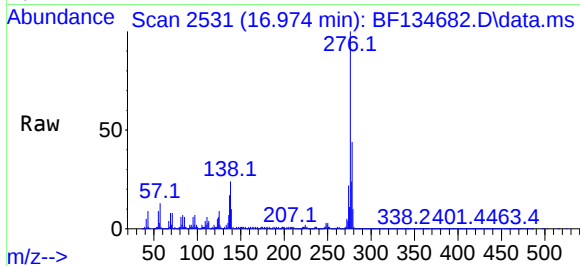
OS-1MS

Tgt Ion:276 Resp: 1150225
Ion Ratio Lower Upper
276 100
138 26.6 14.2 21.4
277 25.3 19.9 29.9

Manual Integrations

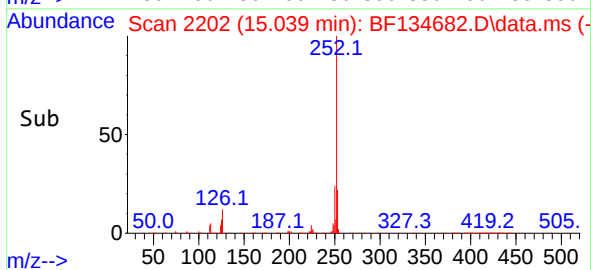
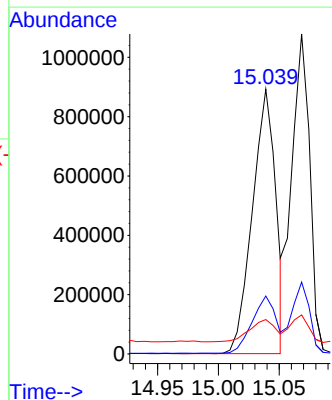
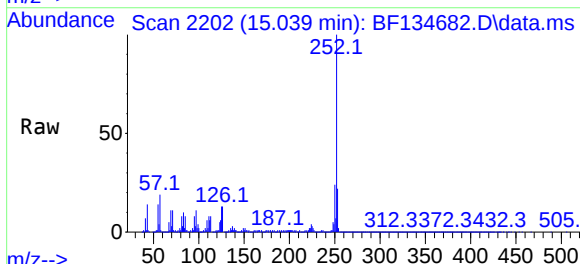
APPROVED

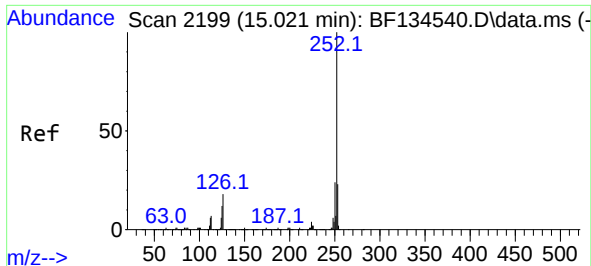
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#88
Benzo(b)fluoranthene
Concen: 44.507 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

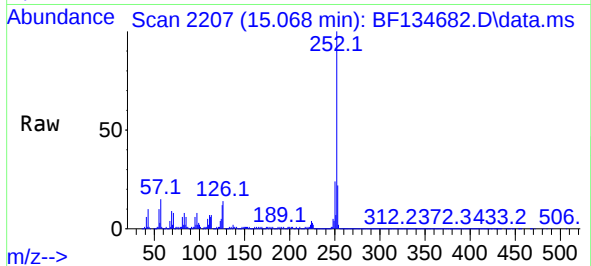
Tgt Ion:252 Resp: 1187335
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 13.0 6.0 9.0#





#89
Benzo(k)fluoranthene
Concen: 41.592 ng
RT: 15.068 min Scan# 2199
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

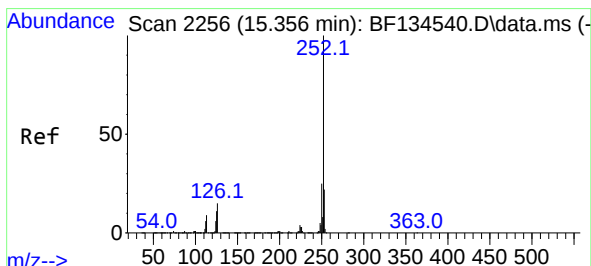
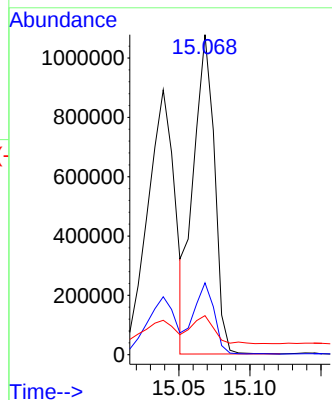
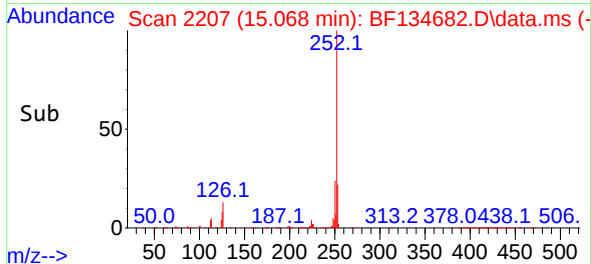
Instrument :
BNA_F
ClientSampleId :
OS-1MS



Tgt Ion:252 Resp: 110532
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.2 6.3 9.5

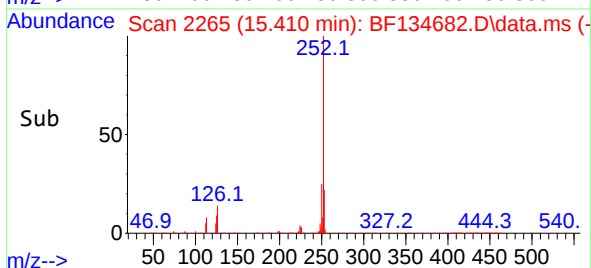
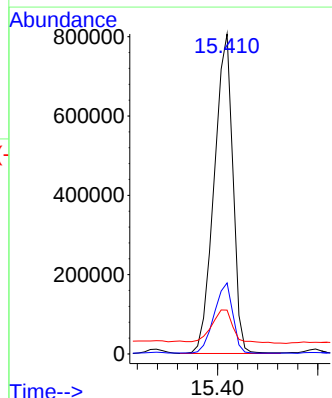
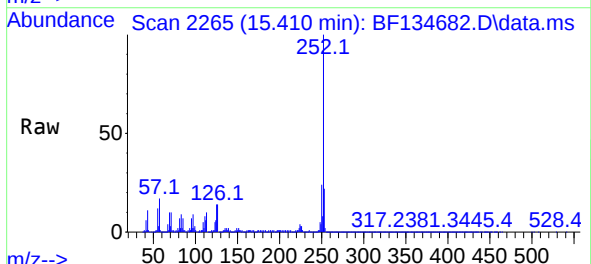
Manual Integrations
APPROVED

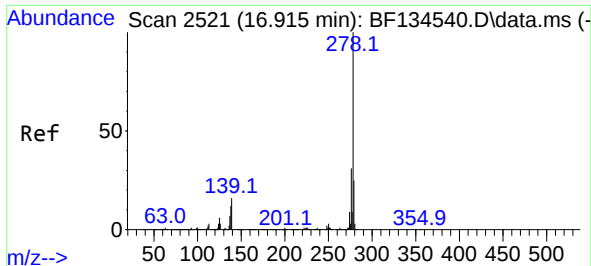
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#90
Benzo(a)pyrene
Concen: 41.879 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.029 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:252 Resp: 1041672
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 13.7 6.2 9.4





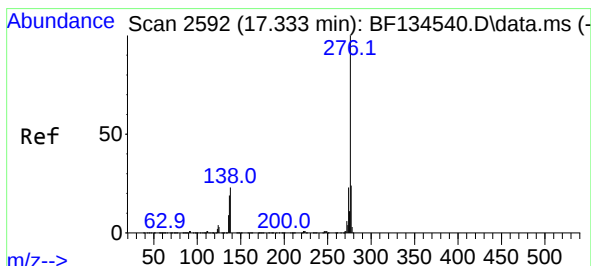
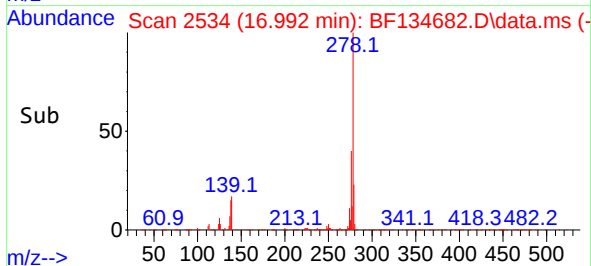
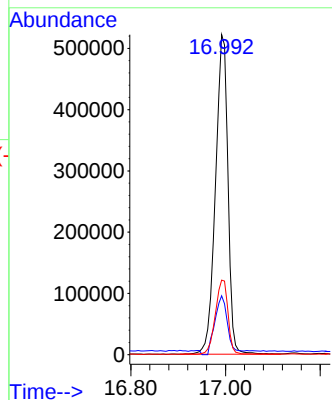
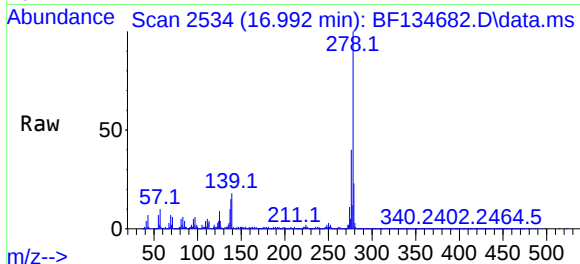
#91
Dibenzo(a,h)anthracene
Concen: 45.787 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Instrument :
BNA_F
ClientSampleId :
OS-1MS

Tgt Ion:278 Resp: 95192
Ion Ratio Lower Upper
278 100
139 18.4 10.0 15.0
279 23.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#92
Benzo(g,h,i)perylene
Concen: 41.021 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.053 min
Lab File: BF134682.D
Acq: 09 Aug 2023 10:30

Tgt Ion:276 Resp: 869952
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.6
138 23.9 12.2 18.2#

