

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134959.D
 Acq On : 28 Aug 2023 09:59
 Operator : CG\JU
 Sample : PB155019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:46:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	119951	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	478382	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	245519	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	458608	20.000	ng	0.00
76) Chrysene-d12	13.981	240	218662	20.000	ng	0.00
86) Perylene-d12	15.457	264	240130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	971536	129.158	ng	0.01
7) Phenol-d6	6.440	99	1214934	126.400	ng	0.00
23) Nitrobenzene-d5	7.358	82	770660	88.770	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	372968	128.983	ng	0.00
45) 2-Fluorobiphenyl	9.152	172	1396425	87.925	ng	0.00
79) Terphenyl-d14	12.922	244	1487243	93.549	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.611	88	117685	36.050	ng	99
3) Pyridine	3.364	79	314550	35.756	ng	99
4) n-Nitrosodimethylamine	3.328	42	178459	45.882	ng	99
6) Aniline	6.458	93	380036	31.990	ng	# 68
8) 2-Chlorophenol	6.581	128	388616	49.236	ng	95
9) Benzaldehyde	6.346	77	144898	27.486	ng	100
10) Phenol	6.452	94	446967	45.419	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	349938	46.878	ng	98
12) 1,3-Dichlorobenzene	6.734	146	395802	48.080	ng	100
13) 1,4-Dichlorobenzene	6.811	146	401164	48.688	ng	98
14) 1,2-Dichlorobenzene	6.963	146	391470	51.258	ng	98
15) Benzyl Alcohol	6.940	79	331356	49.615	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	487086	45.060	ng	100
17) 2-Methylphenol	7.052	107	306028	44.800	ng	97
18) Hexachloroethane	7.299	117	148337	49.744	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	251561	44.812	ng	98
20) 3+4-Methylphenols	7.205	107	361932	44.702	ng	97
22) Acetophenone	7.205	105	495642	46.876	ng	98
24) Nitrobenzene	7.381	77	396781	45.548	ng	96
25) Isophorone	7.616	82	709419	43.762	ng	99
26) 2-Nitrophenol	7.693	139	203673	46.963	ng	98
27) 2,4-Dimethylphenol	7.734	122	311448	44.030	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	426646	44.158	ng	99
29) 2,4-Dichlorophenol	7.934	162	320601	45.872	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	345866	46.613	ng	99
31) Naphthalene	8.099	128	1082850	45.332	ng	100
32) Benzoic acid	7.863	122	251716	48.219	ng	94
33) 4-Chloroaniline	8.146	127	201675	19.678	ng	99
34) Hexachlorobutadiene	8.210	225	203184	46.043	ng	99
35) Caprolactam	8.516	113	102748m	47.094	ng	
36) 4-Chloro-3-methylphenol	8.634	107	343483	46.571	ng	98
37) 2-Methylnaphthalene	8.787	142	688719	43.234	ng	99
38) 1-Methylnaphthalene	8.887	142	656087	44.046	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	336805	45.019	ng	99
41) Hexachlorocyclopentadiene	8.940	237	310778	93.826	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	225564	45.652	ng	99

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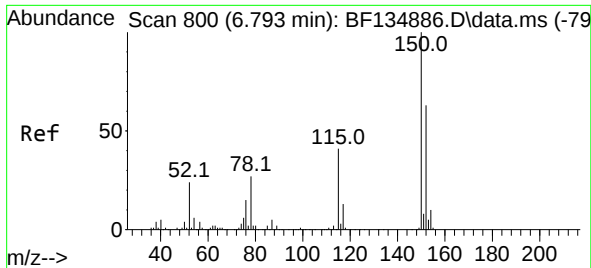
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	239438	41.857	ng	98
46) 1,1'-Biphenyl	9.257	154	878423	45.319	ng	99
47) 2-Chloronaphthalene	9.281	162	669608	46.258	ng	100
48) 2-Nitroaniline	9.381	65	215621	45.314	ng	94
49) Acenaphthylene	9.699	152	1034070	46.387	ng	99
50) Dimethylphthalate	9.563	163	780878	44.682	ng	99
51) 2,6-Dinitrotoluene	9.622	165	180559	46.843	ng	89
52) Acenaphthene	9.869	154	622282	44.311	ng	99
53) 3-Nitroaniline	9.793	138	132195	31.400	ng	98
54) 2,4-Dinitrophenol	9.904	184	186424	102.218	ng	# 86
55) Dibenzofuran	10.040	168	920730	45.031	ng	97
56) 4-Nitrophenol	9.969	139	285293	97.240	ng	94
57) 2,4-Dinitrotoluene	10.034	165	232331	48.739	ng	99
58) Fluorene	10.387	166	710274	45.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	208295	46.736	ng	98
60) Diethylphthalate	10.263	149	732424	45.743	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	349579	44.968	ng	96
62) 4-Nitroaniline	10.410	138	186780	47.459	ng	99
63) Azobenzene	10.540	77	703966	44.257	ng	99
65) 4,6-Dinitro-2-methylph...	10.446	198	130466	48.212	ng	83
66) n-Nitrosodiphenylamine	10.499	169	640089	43.342	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	228319	43.153	ng	# 93
68) Hexachlorobenzene	10.934	284	257499	45.760	ng	97
69) Atrazine	11.034	200	217494	54.234	ng	98
70) Pentachlorophenol	11.134	266	241692	71.370	ng	98
71) Phenanthrene	11.351	178	1088600	45.298	ng	99
72) Anthracene	11.404	178	1103212	44.804	ng	100
73) Carbazole	11.563	167	959778	47.303	ng	100
74) Di-n-butylphthalate	11.893	149	1083887	46.578	ng	100
75) Fluoranthene	12.545	202	1065858	46.809	ng	99
77) Benzidine	12.669	184	215992	60.881	ng	99
78) Pyrene	12.775	202	1058202	45.644	ng	100
80) Butylbenzylphthalate	13.398	149	342538	48.494	ng	97
81) Benzo(a)anthracene	13.969	228	699652	46.897	ng	100
82) 3,3'-Dichlorobenzidine	13.934	252	176123	37.300	ng	97
83) Chrysene	14.010	228	666129	45.254	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	359287	46.956	ng	99
85) Di-n-octyl phthalate	14.581	149	573314	45.950	ng	99
87) Indeno(1,2,3-cd)pyrene	16.963	276	807690	47.057	ng	99
88) Benzo(b)fluoranthene	15.028	252	684945	50.557	ng	98
89) Benzo(k)fluoranthene	15.057	252	647714	48.686	ng	99
90) Benzo(a)pyrene	15.398	252	625593	46.256	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	649894	46.796	ng	99
92) Benzo(g,h,i)perylene	17.416	276	632183	44.467	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

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BNA_F

ClientSampleId :

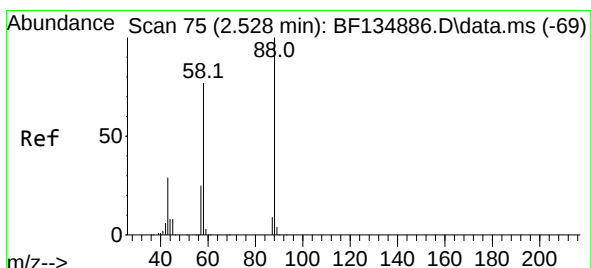
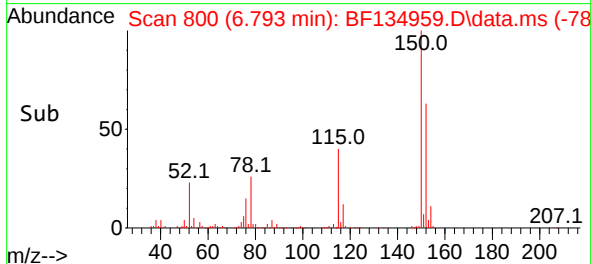
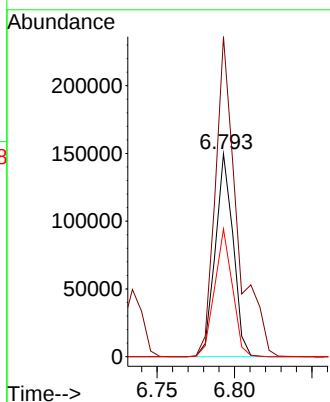
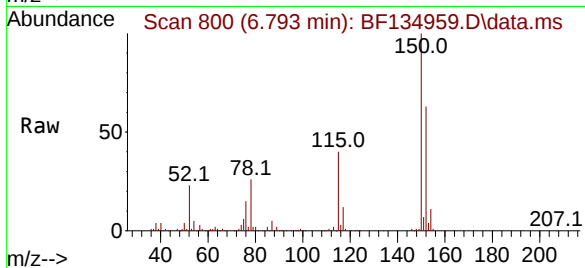
PB155019BS

Tgt Ion:152 Resp: 11995
Ion Ratio Lower Upper
152 100
150 157.7 126.1 189.1
115 62.9 51.1 76.7

Manual Integrations

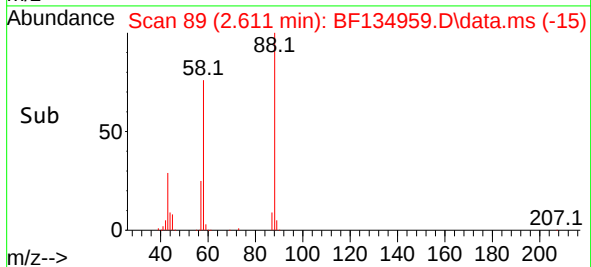
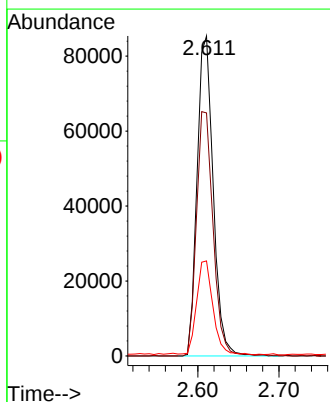
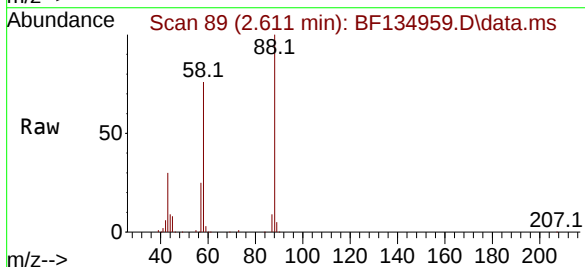
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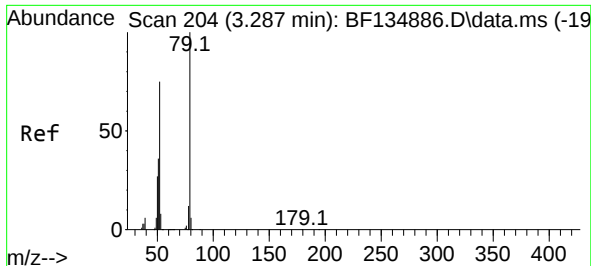
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#2
1,4-Dioxane
Concen: 36.050 ng
RT: 2.611 min Scan# 89
Delta R.T. 0.083 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion: 88 Resp: 117685
Ion Ratio Lower Upper
88 100
58 78.9 62.6 93.8
43 29.8 23.3 34.9





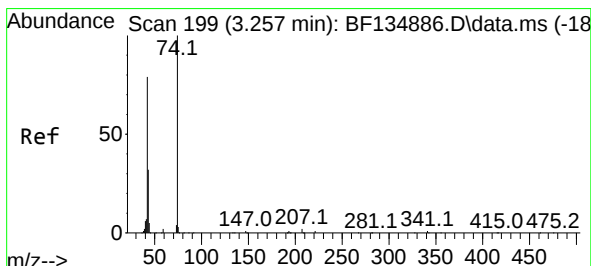
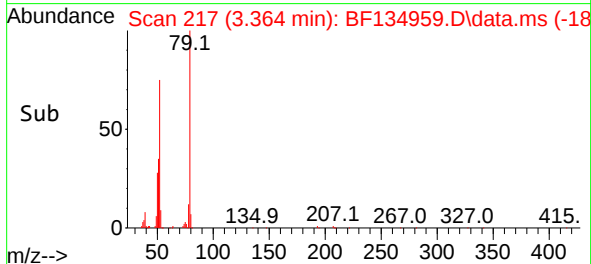
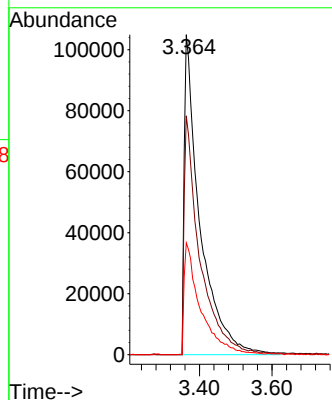
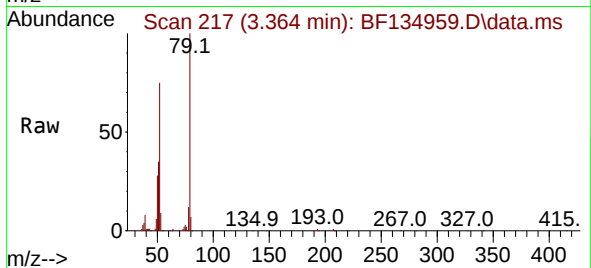
#3
Pyridine
Concen: 35.756 ng
RT: 3.364 min Scan# 217
Delta R.T. 0.077 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion: 79 Resp: 314550
Ion Ratio Lower Upper
79 100
52 74.7 60.1 90.1
51 35.0 29.4 44.0

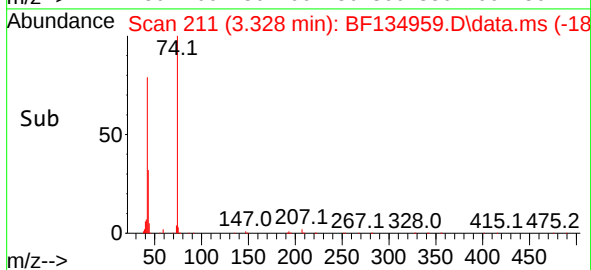
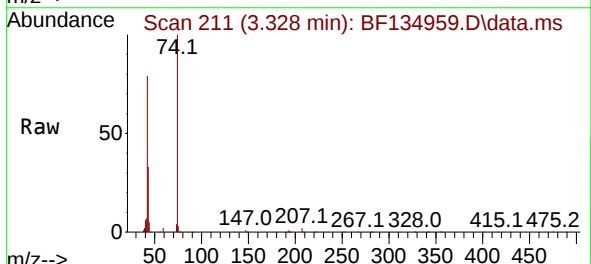
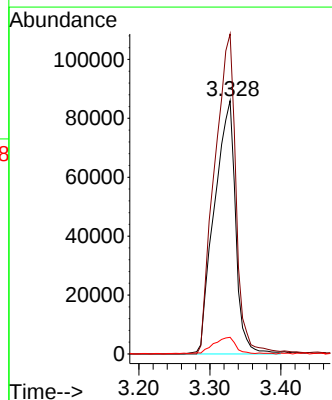
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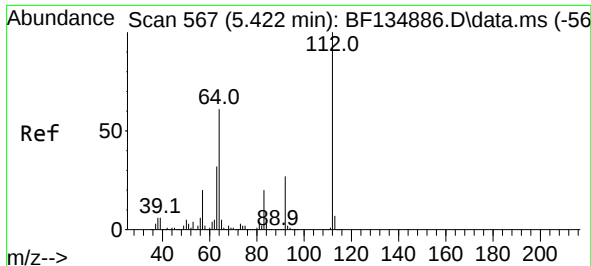
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#4
n-Nitrosodimethylamine
Concen: 45.882 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.071 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

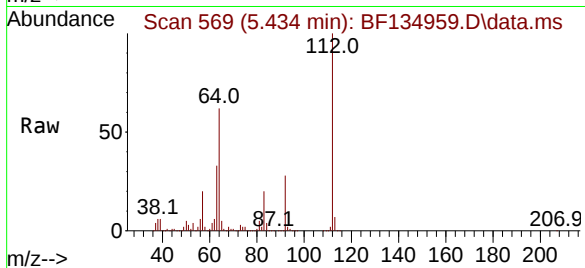
Tgt Ion: 42 Resp: 178459
Ion Ratio Lower Upper
42 100
74 126.3 101.8 152.8
44 6.6 5.4 8.0





#5
2-Fluorophenol
Concen: 129.158 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

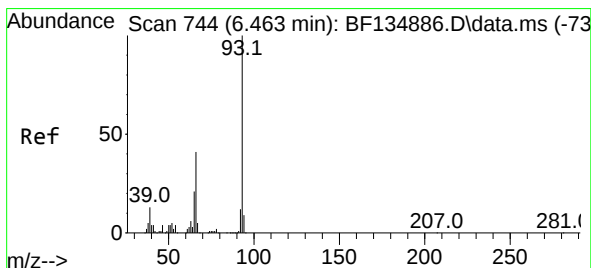
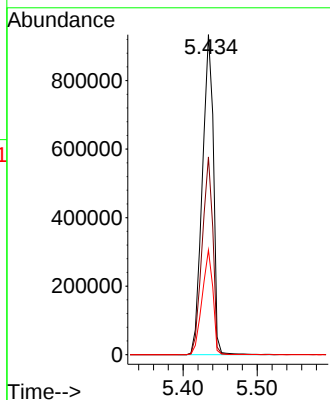
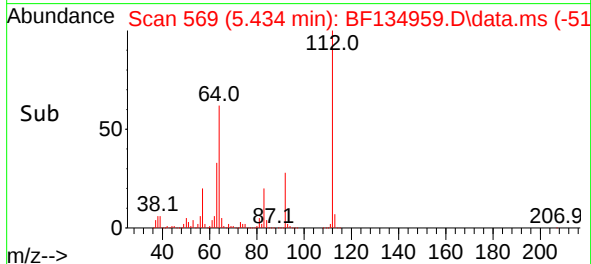
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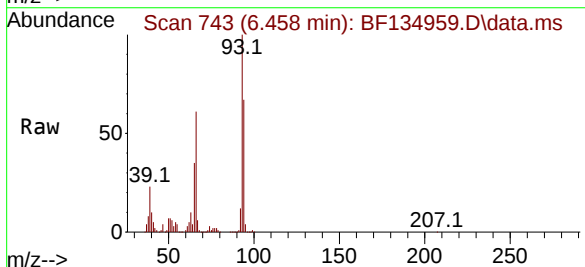
Tgt Ion:112 Resp: 971536
Ion Ratio Lower Upper
112 100
64 61.8 48.6 73.0
63 32.7 25.7 38.5

Manual Integrations
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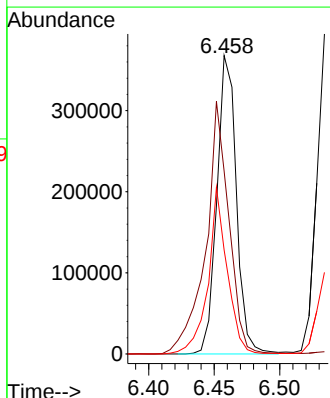
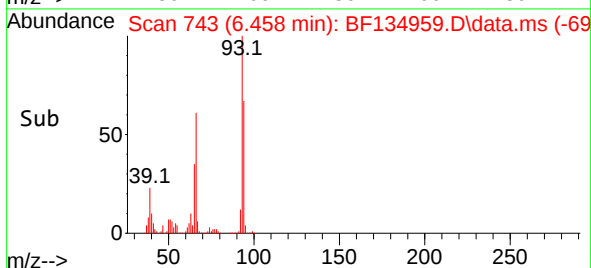
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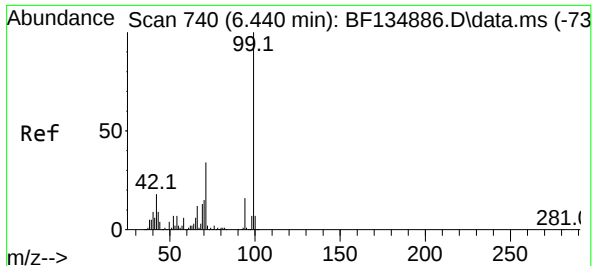


#6
Aniline
Concen: 31.990 ng
RT: 6.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



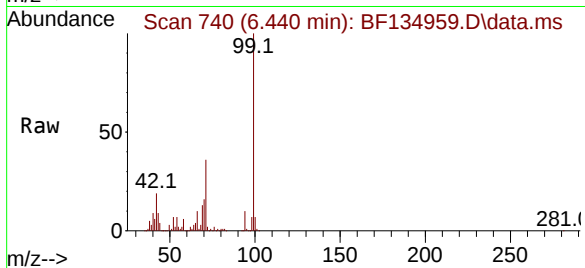
Tgt Ion: 93 Resp: 380036
Ion Ratio Lower Upper
93 100
66 61.3 32.7 49.1#
65 34.9 16.7 25.1#





#7
Phenol-d6
Concen: 126.400 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

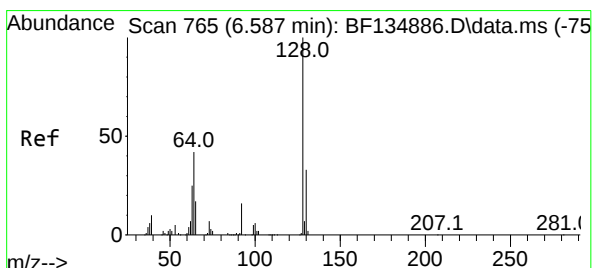
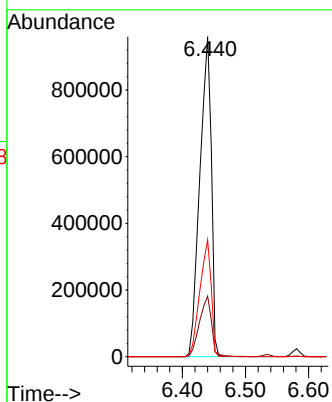
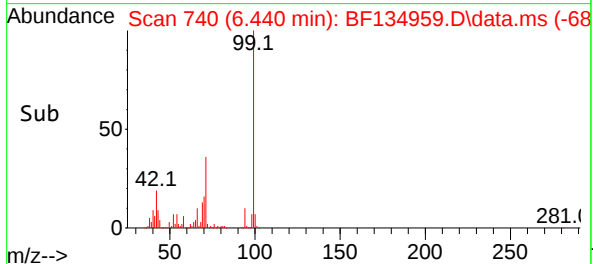
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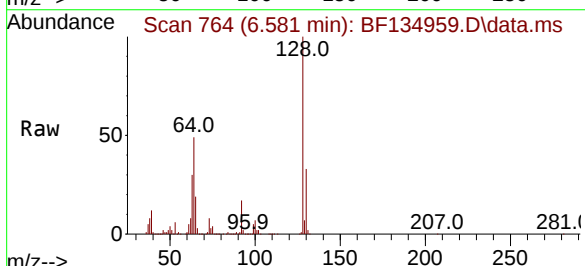
Tgt Ion: 99 Resp: 1214934
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 36.5 27.6 41.4

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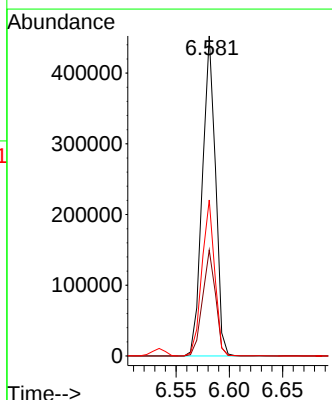
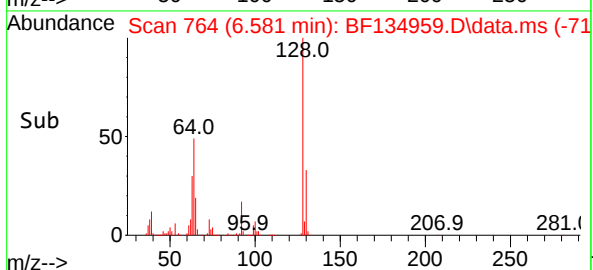
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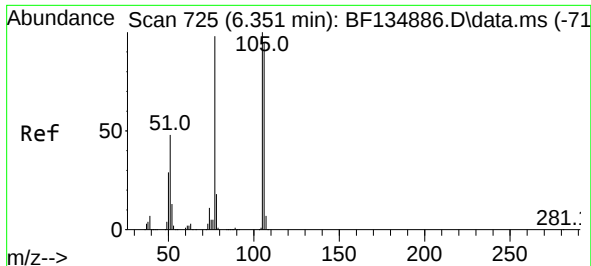


#8
2-Chlorophenol
Concen: 49.236 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



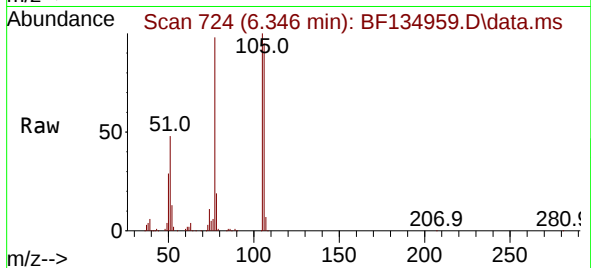
Tgt Ion:128 Resp: 388616
Ion Ratio Lower Upper
128 100
130 33.1 13.0 53.0
64 48.7 23.4 63.4





#9
Benzaldehyde
Concen: 27.486 ng
RT: 6.346 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

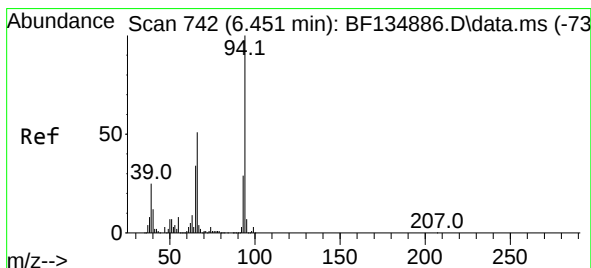
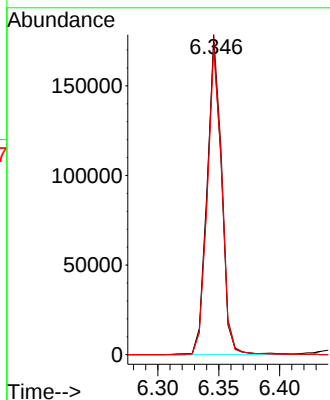
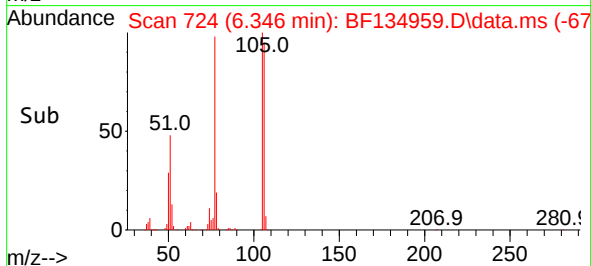
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 144898
Ion Ratio Lower Upper
77 100
105 102.5 82.4 122.4
106 97.5 77.2 117.2

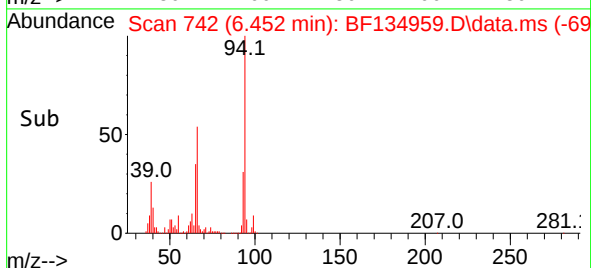
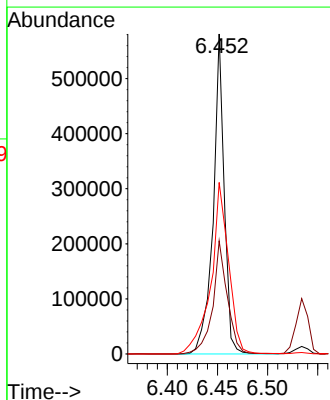
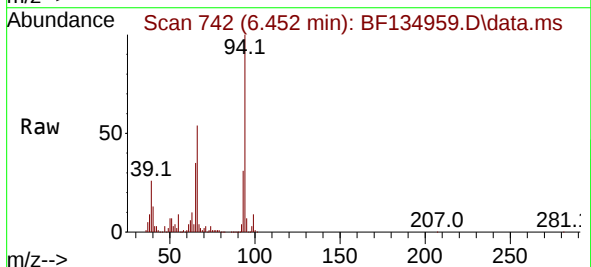
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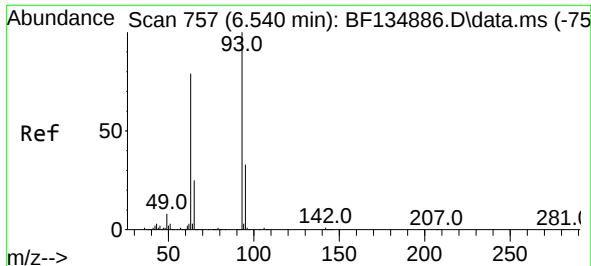
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#10
Phenol
Concen: 45.419 ng
RT: 6.452 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion: 94 Resp: 446967
Ion Ratio Lower Upper
94 100
65 35.4 14.0 54.0
66 53.6 31.1 71.1





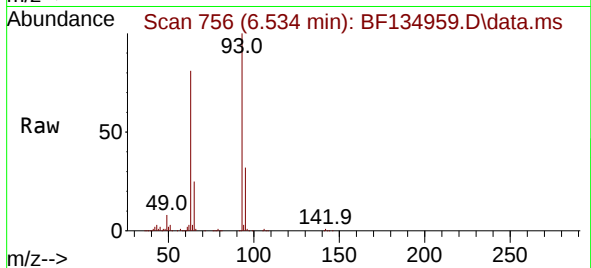
#11
bis(2-Chloroethyl)ether
Concen: 46.878 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

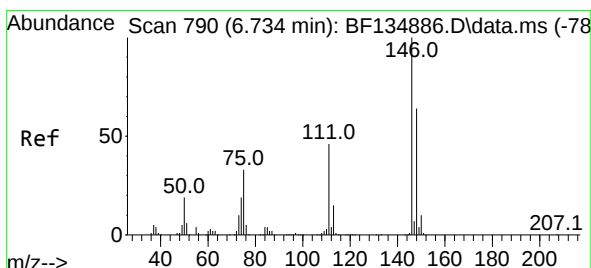
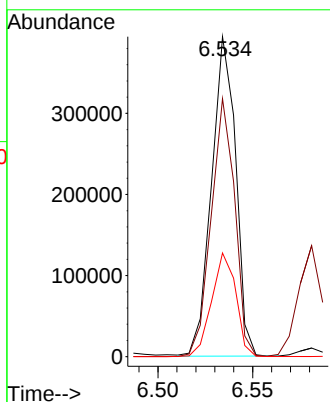
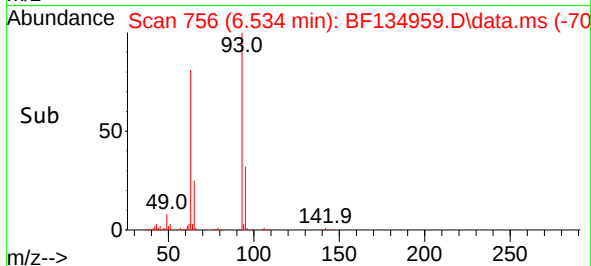
PB155019BS



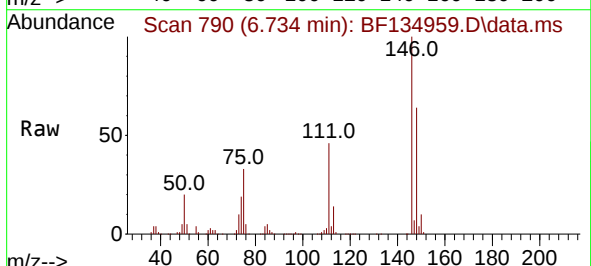
Tgt Ion: 93 Resp: 349938
Ion Ratio Lower Upper
93 100
63 80.6 58.7 98.7
95 32.4 12.4 52.4

Manual Integrations
APPROVED

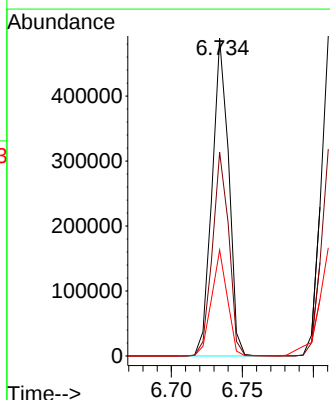
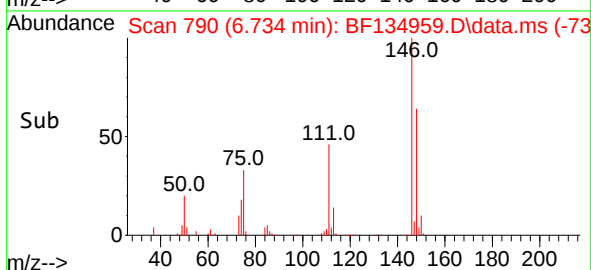
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

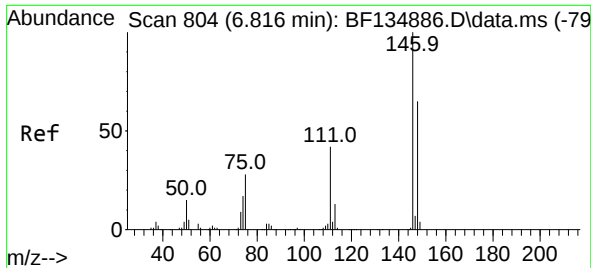


#12
1,3-Dichlorobenzene
Concen: 48.080 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:146 Resp: 395802
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 33.4 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 48.688 ng

RT: 6.811 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

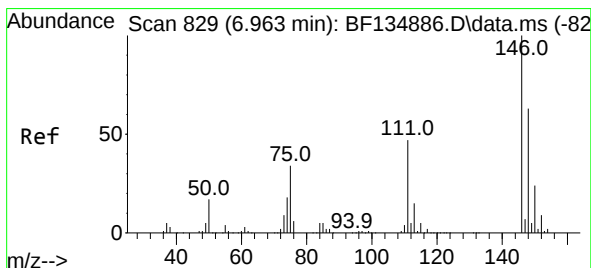
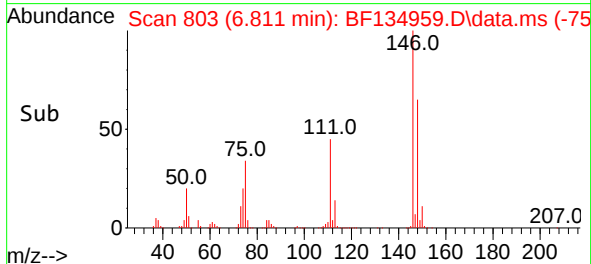
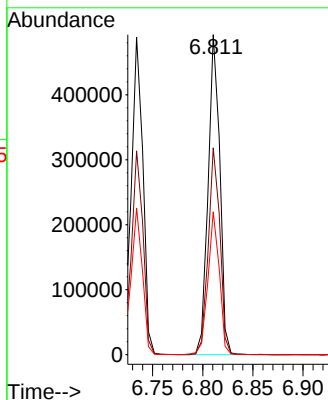
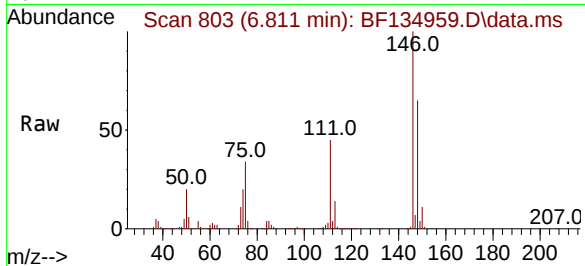
PB155019BS

Tgt Ion:146 Resp: 401164
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 44.6 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#14

1,2-Dichlorobenzene

Concen: 51.258 ng

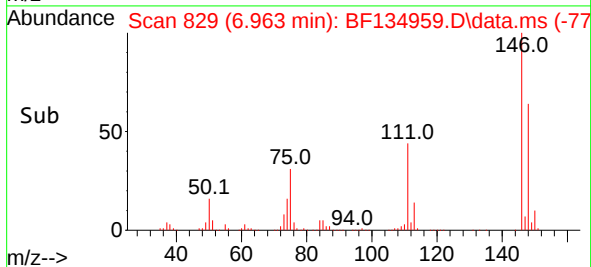
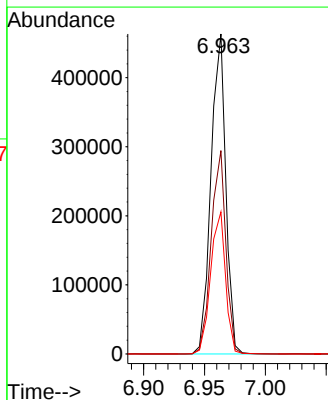
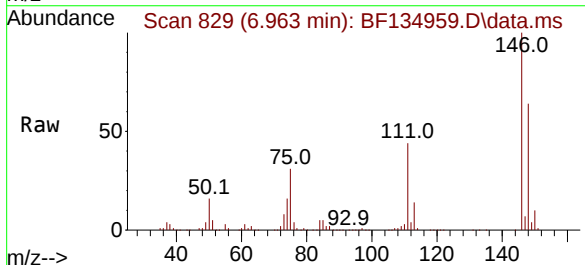
RT: 6.963 min Scan# 829

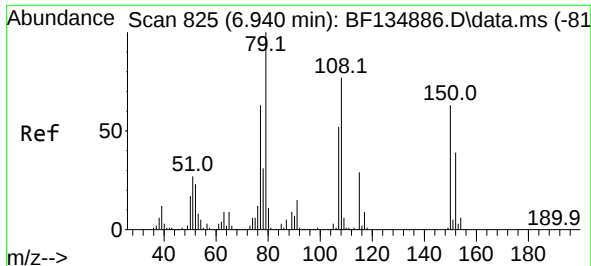
Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

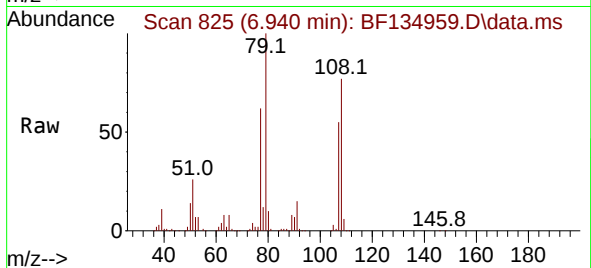
Tgt Ion:146 Resp: 391470
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.5 75.7
 111 44.4 37.5 56.3





#15
Benzyl Alcohol
Concen: 49.615 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

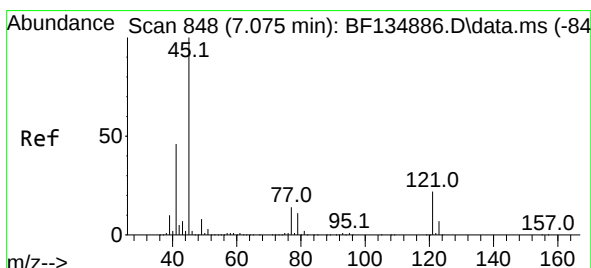
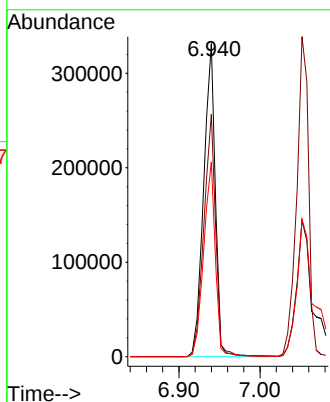
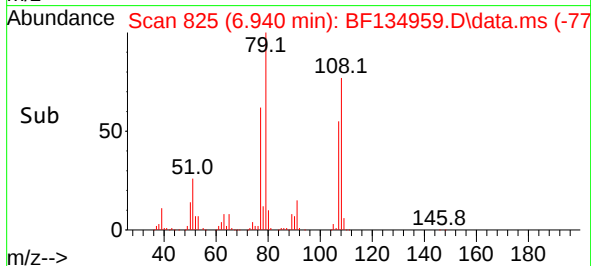
Instrument :
BNA_F
ClientSampleId :
PB155019BS



Tgt Ion: 79 Resp: 331350
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.2
77 62.2 50.1 75.1

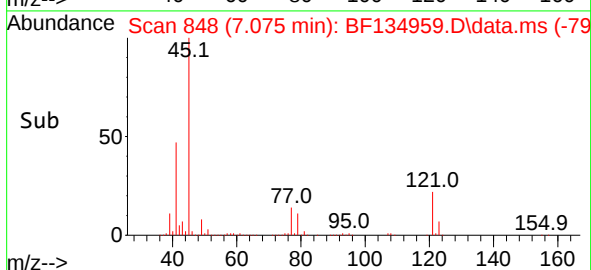
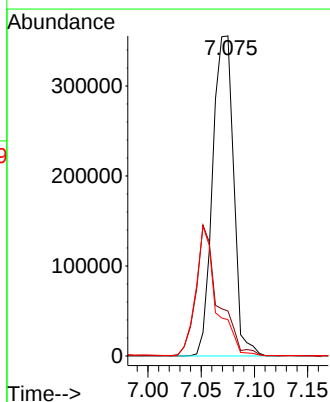
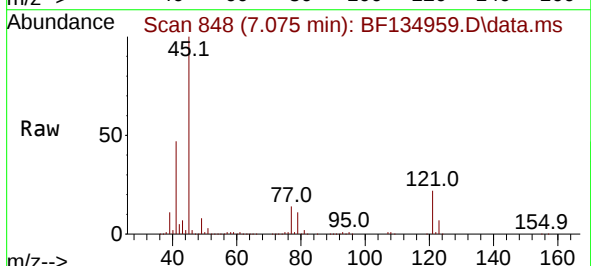
Manual Integrations
APPROVED

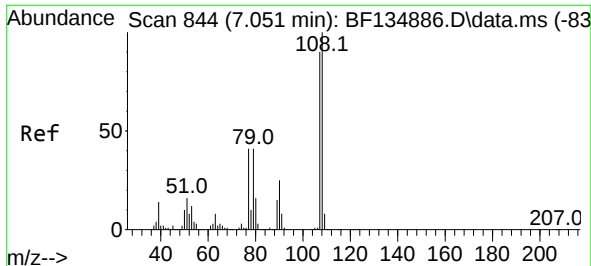
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.060 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion: 45 Resp: 487086
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.9
79 11.3 0.0 31.1





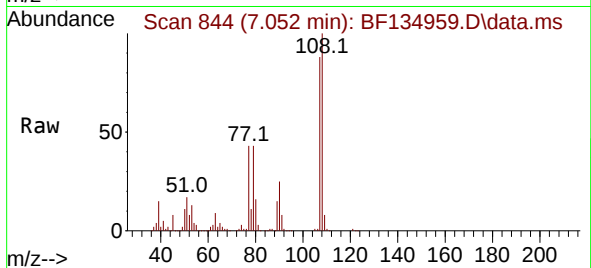
#17
2-Methylphenol
Concen: 44.800 ng
RT: 7.052 min Scan# 844
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

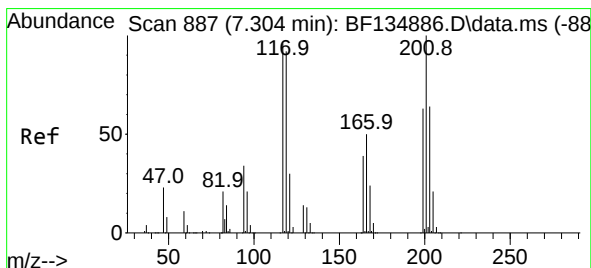
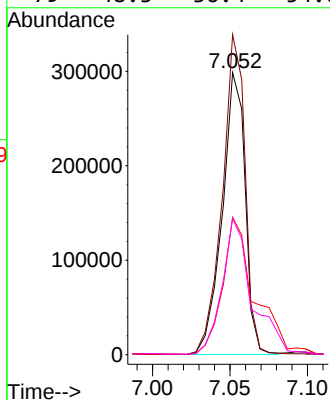
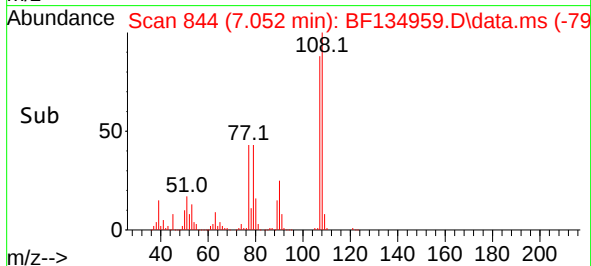


Tgt Ion:107 Resp: 306028
Ion Ratio Lower Upper
107 100
108 113.4 89.0 133.6
77 48.7 36.5 54.7
79 48.3 36.4 54.6

Manual Integrations

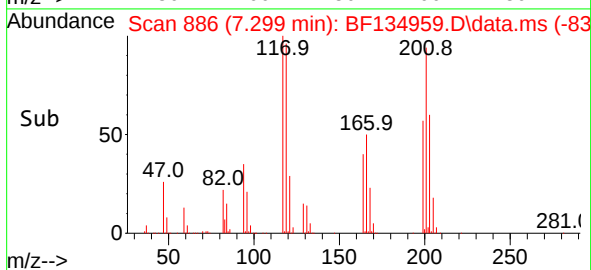
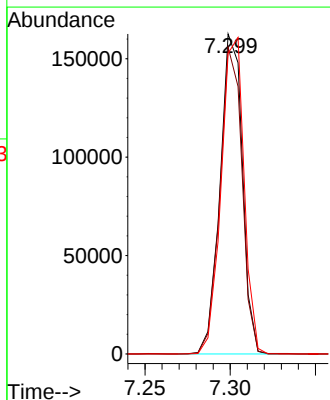
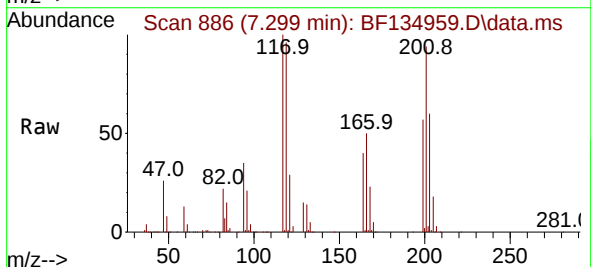
APPROVED

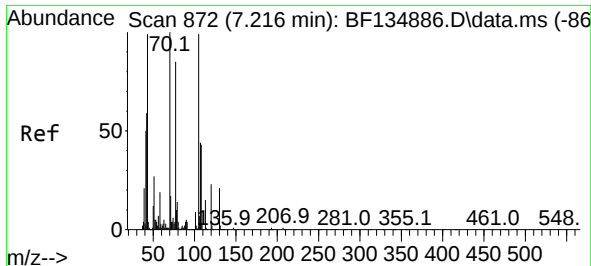
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#18
Hexachloroethane
Concen: 49.744 ng
RT: 7.299 min Scan# 886
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:117 Resp: 148337
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
201 94.0 83.4 125.2





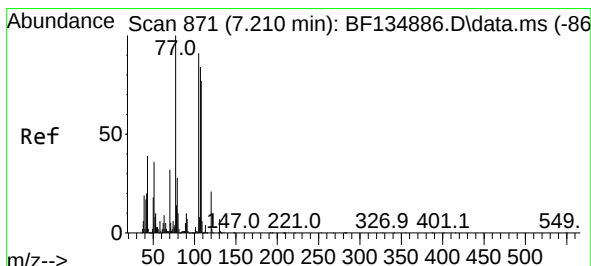
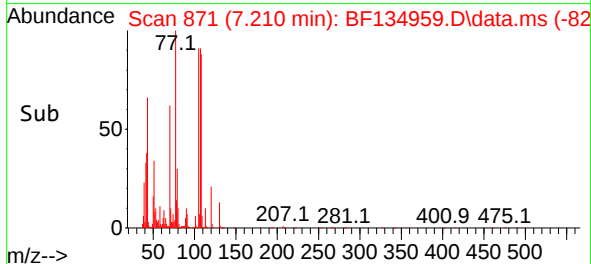
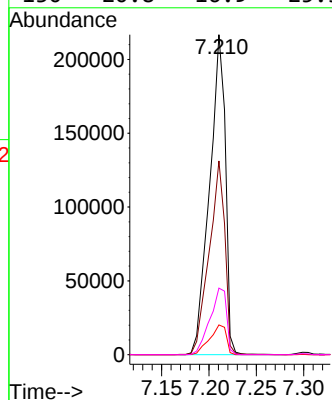
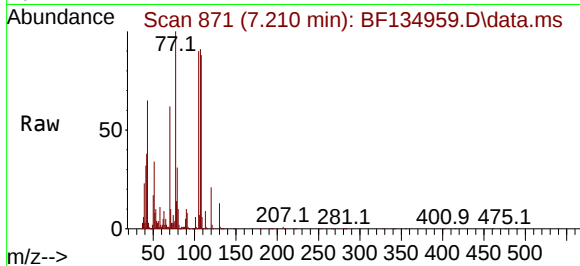
#19
n-Nitroso-di-n-propylamine
Concen: 44.812 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion: 70 Resp: 25156
Ion Ratio Lower Upper
70 100
42 60.6 46.9 70.3
101 9.3 7.5 11.3
130 20.8 16.9 25.3

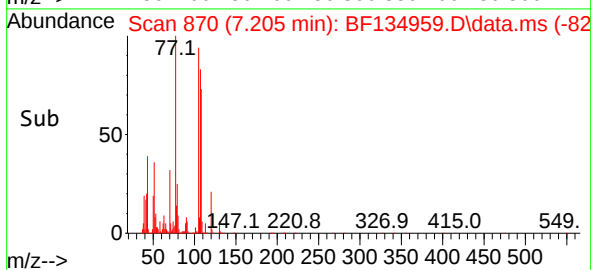
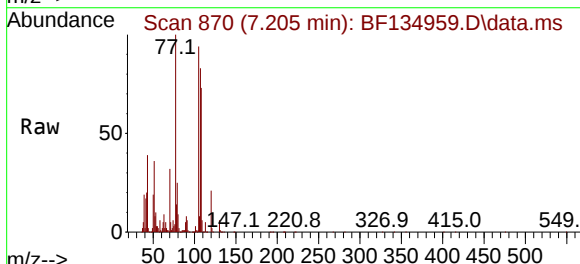
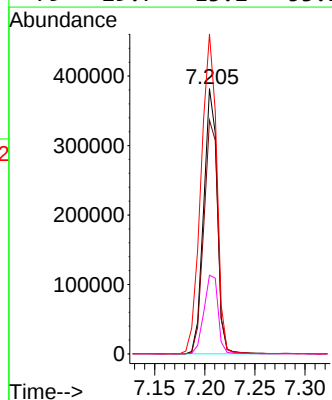
Manual Integrations
APPROVED

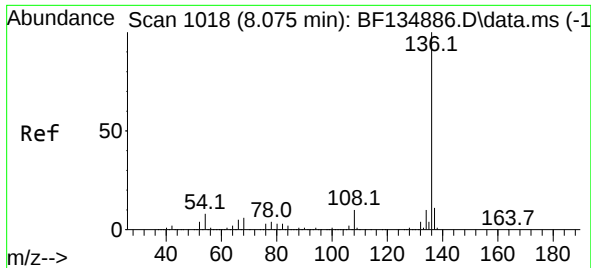
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#20
3+4-Methylphenols
Concen: 44.702 ng
RT: 7.205 min Scan# 870
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:107 Resp: 361932
Ion Ratio Lower Upper
107 100
108 88.1 71.7 111.7
77 120.6 98.4 138.4
79 29.7 13.2 53.2





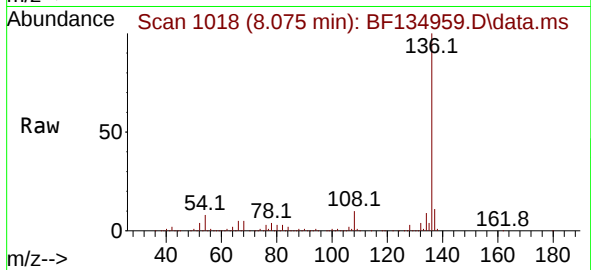
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

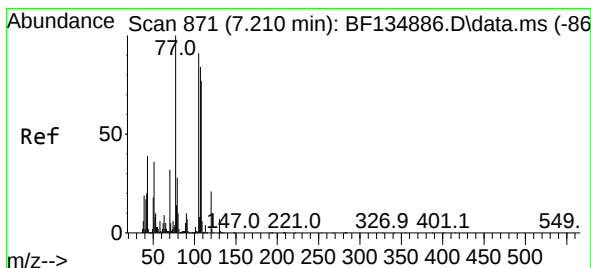
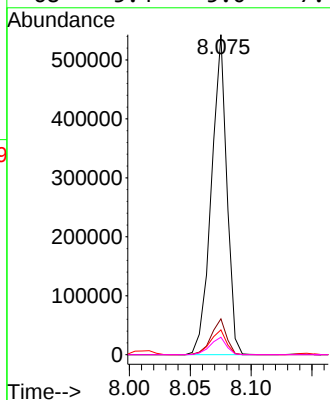
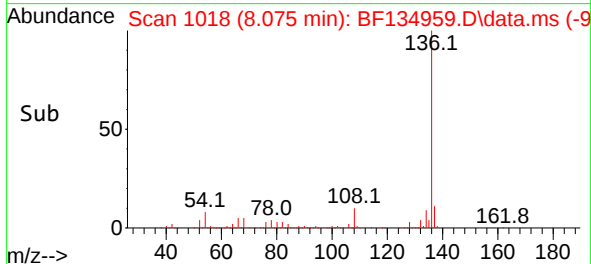


Tgt Ion:136 Resp: 47838
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.6 9.8
68 5.4 5.0 7.4

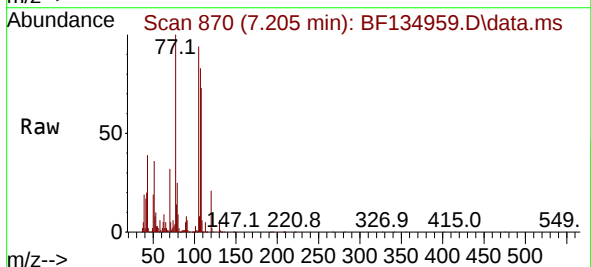
Manual Integrations

APPROVED

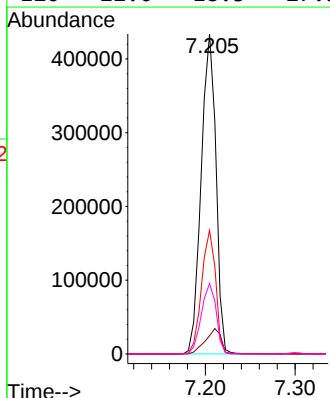
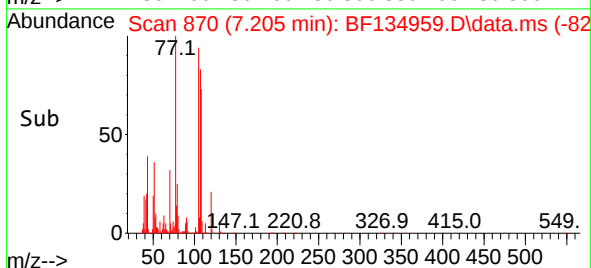
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

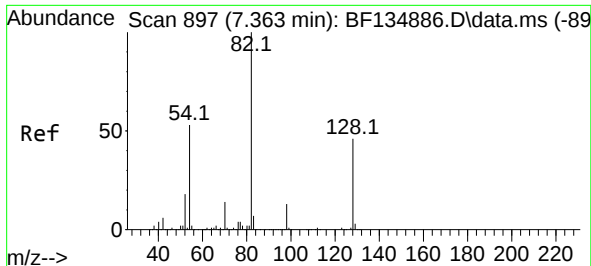


#22
Acetophenone
Concen: 46.876 ng
RT: 7.205 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:105 Resp: 495642
Ion Ratio Lower Upper
105 100
71 5.7 4.6 6.8
51 38.6 32.2 48.2
120 22.0 18.3 27.5





#23

Nitrobenzene-d5

Concen: 88.770 ng

RT: 7.358 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

Tgt Ion: 82 Resp: 770660

Ion Ratio Lower Upper

82 100

128 44.7 36.6 54.8

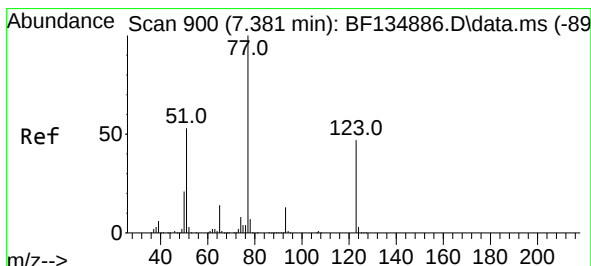
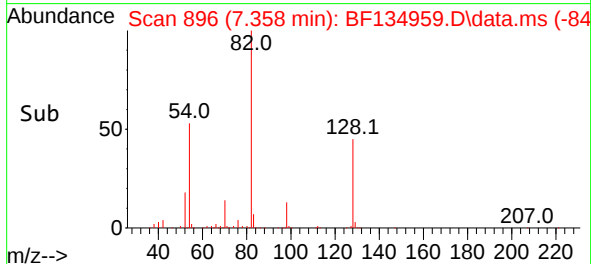
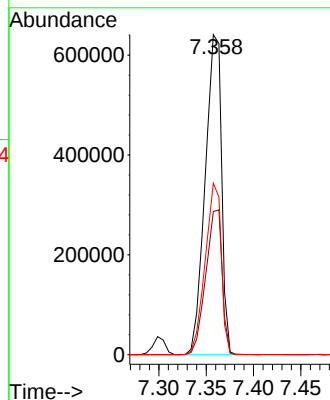
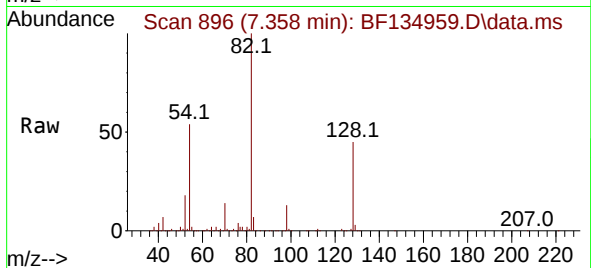
54 53.6 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#24

Nitrobenzene

Concen: 45.548 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

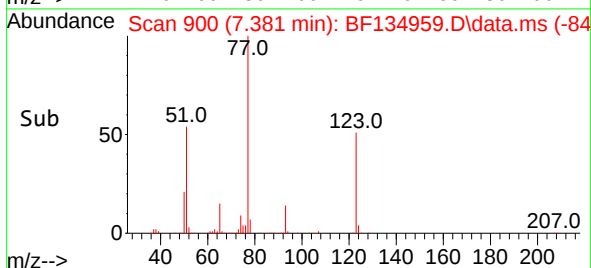
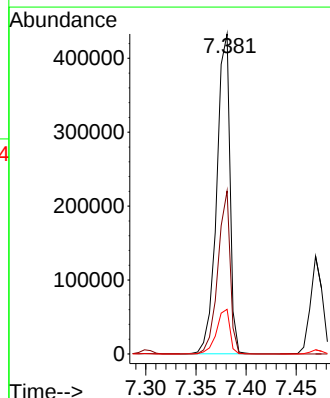
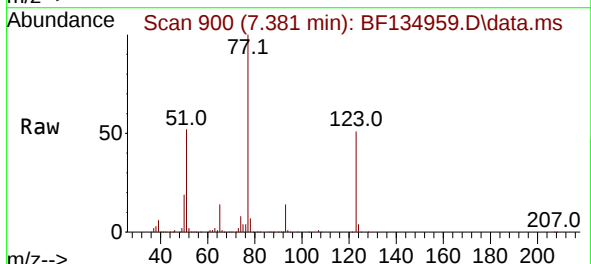
Tgt Ion: 77 Resp: 396781

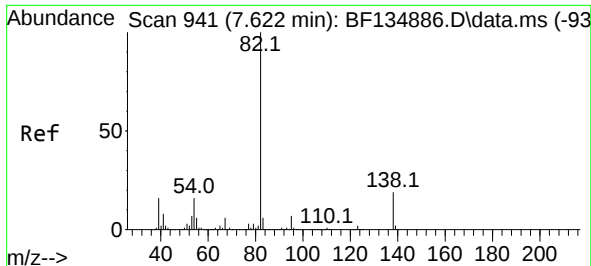
Ion Ratio Lower Upper

77 100

123 51.0 37.9 56.9

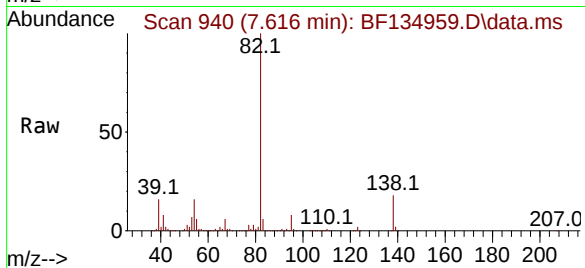
65 13.9 11.1 16.7





#25
Isophorone
Concen: 43.762 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

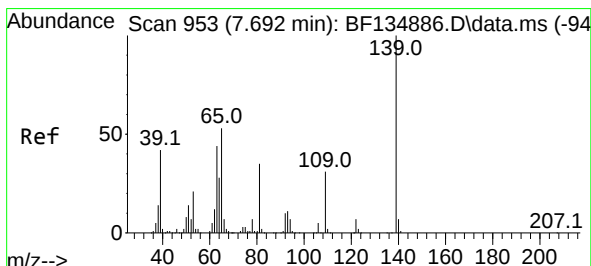
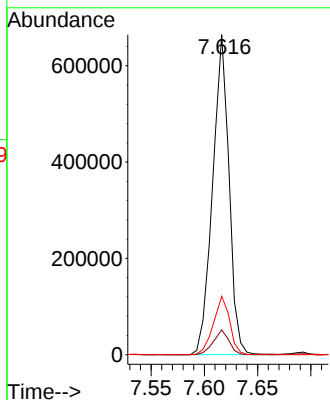
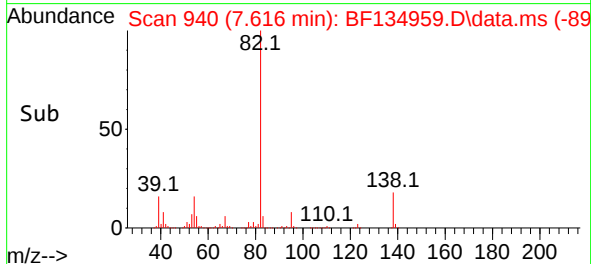
Instrument :
BNA_F
ClientSampleId :
PB155019BS



Tgt Ion: 82 Resp: 709419
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.2 14.9 22.3

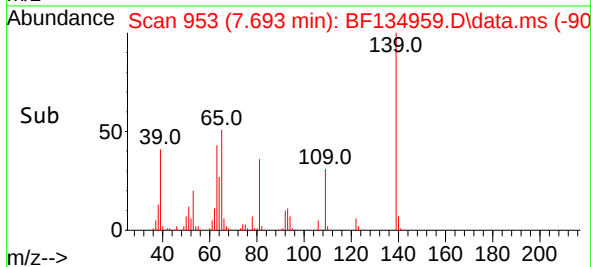
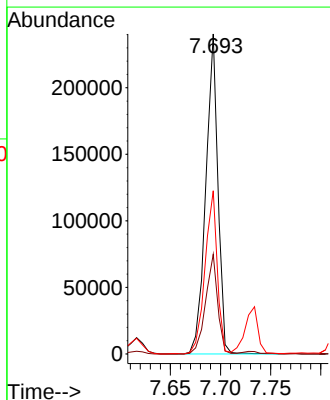
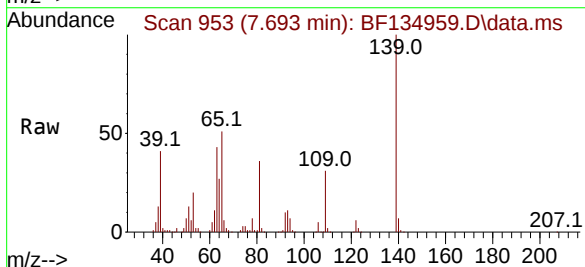
Manual Integrations
APPROVED

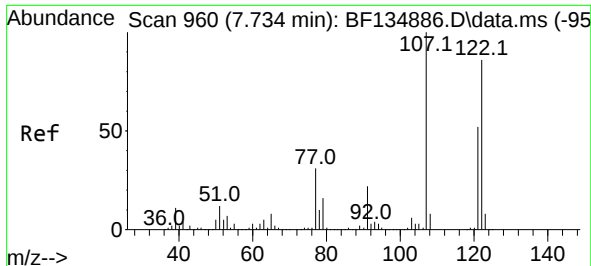
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#26
2-Nitrophenol
Concen: 46.963 ng
RT: 7.693 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:139 Resp: 203673
Ion Ratio Lower Upper
139 100
109 31.1 24.5 36.7
65 51.0 42.4 63.6





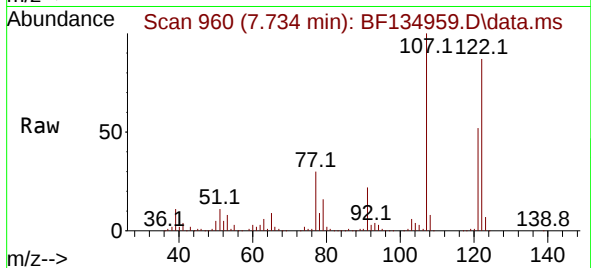
#27
2,4-Dimethylphenol
Concen: 44.030 ng
RT: 7.734 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

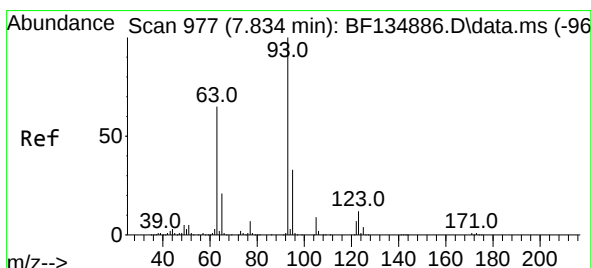
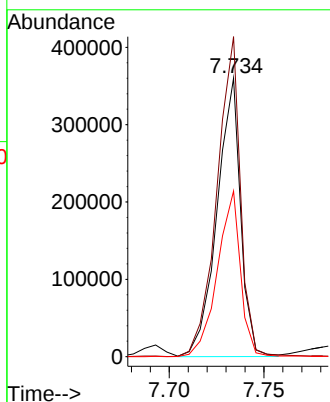
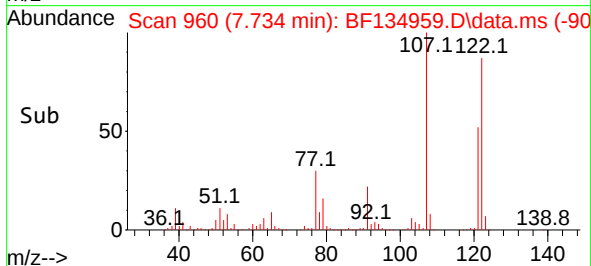


Tgt Ion:122 Resp: 311448
Ion Ratio Lower Upper
122 100
107 114.9 92.9 139.3
121 59.4 48.4 72.6

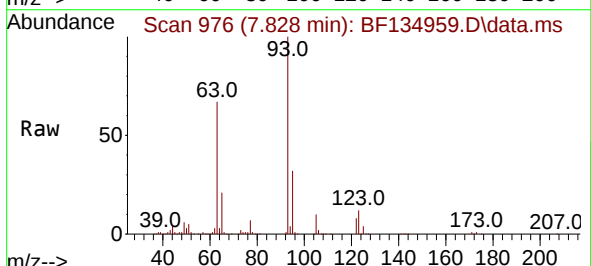
Manual Integrations

APPROVED

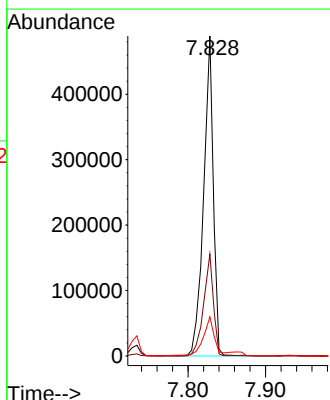
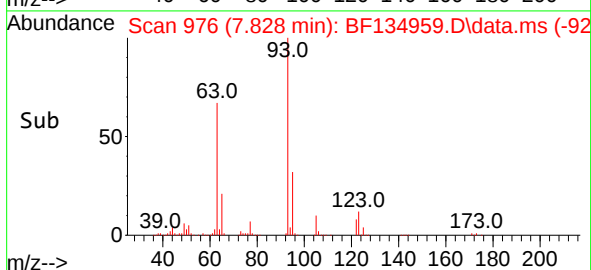
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

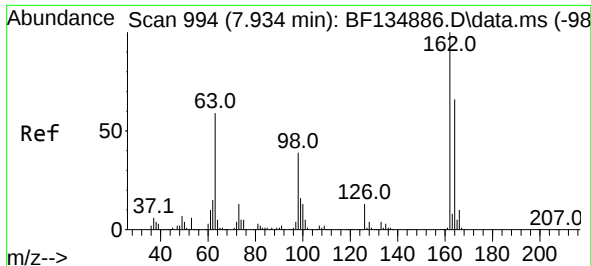


#28
bis(2-Chloroethoxy)methane
Concen: 44.158 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion: 93 Resp: 426646
Ion Ratio Lower Upper
93 100
95 31.9 26.3 39.5
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.872 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF134959.D

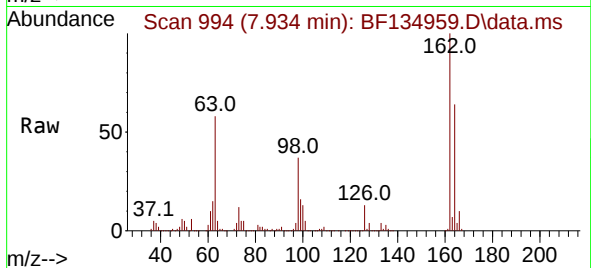
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS



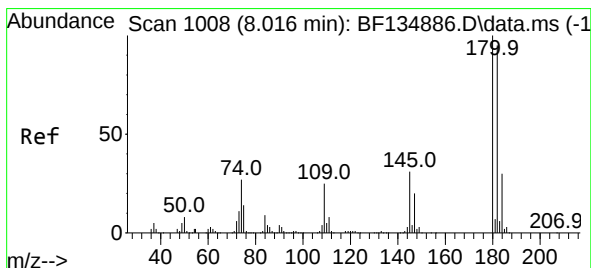
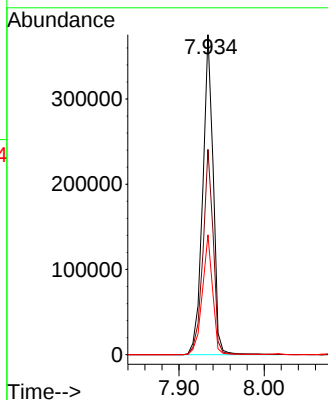
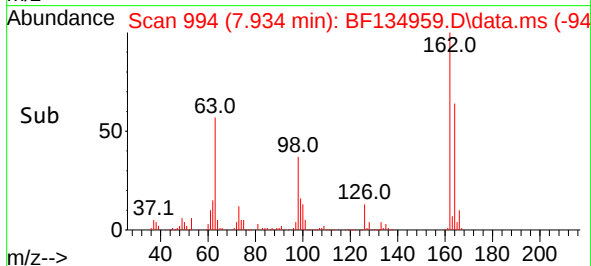
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.6	85.6
98	37.5	18.5	58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.613 ng

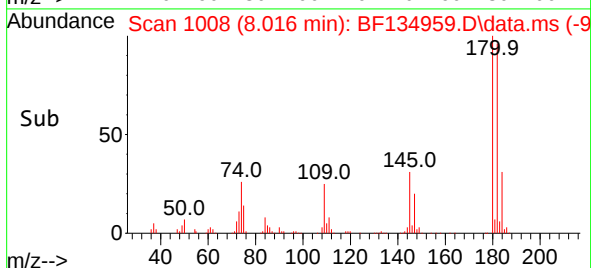
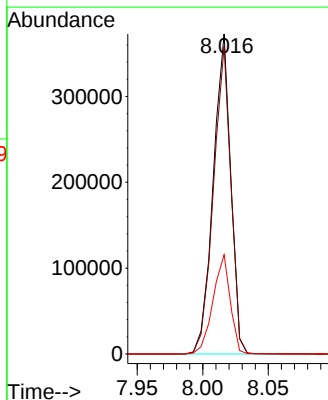
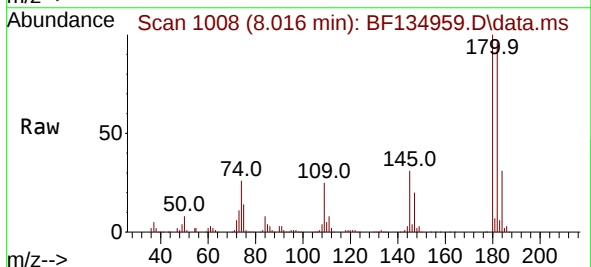
RT: 8.016 min Scan# 1008

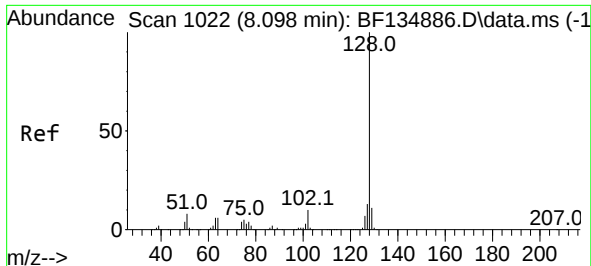
Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	31.0	24.6	37.0





#31
Naphthalene
Concen: 45.332 ng
RT: 8.099 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

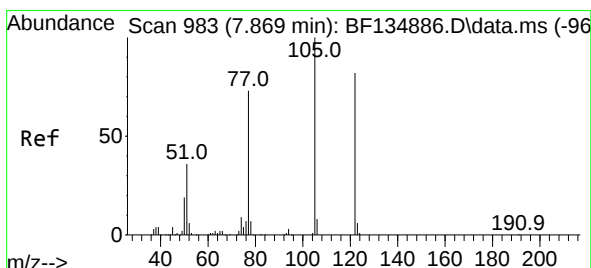
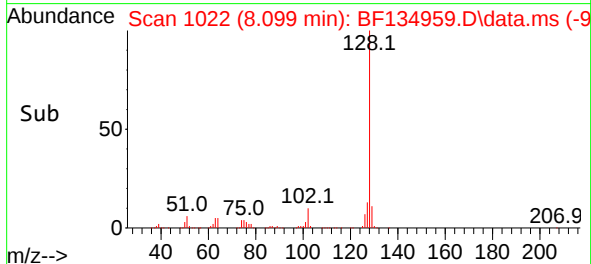
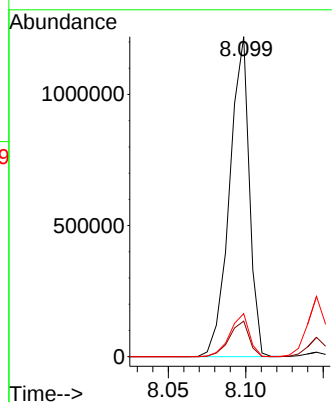
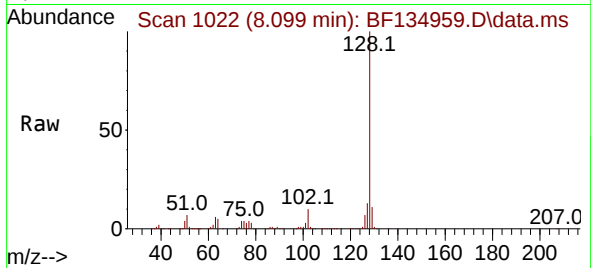
PB155019BS

Tgt Ion:128 Resp: 1082850
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.4 10.6 16.0

Manual Integrations

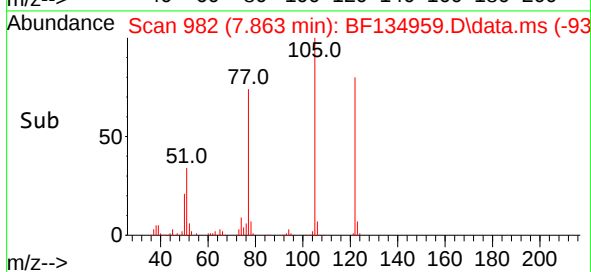
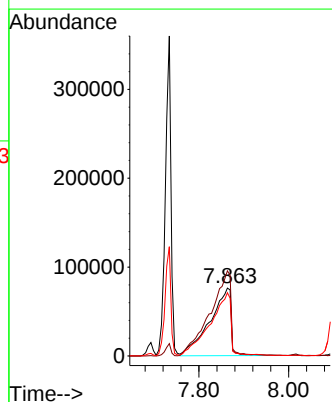
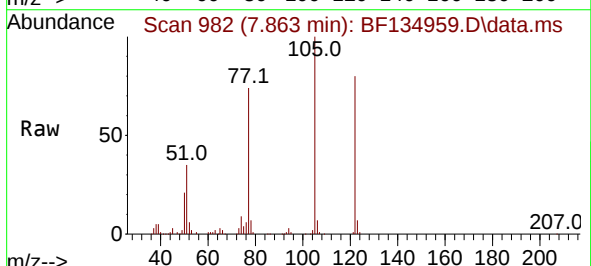
APPROVED

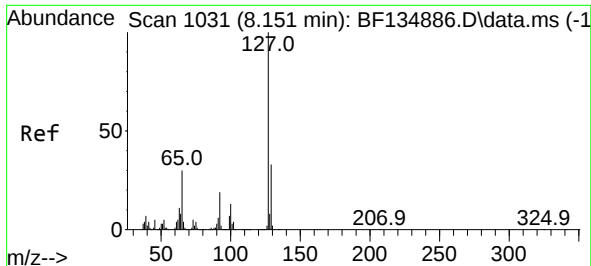
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#32
Benzoic acid
Concen: 48.219 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:122 Resp: 251716
Ion Ratio Lower Upper
122 100
105 125.6 98.6 138.6
77 93.3 68.6 108.6





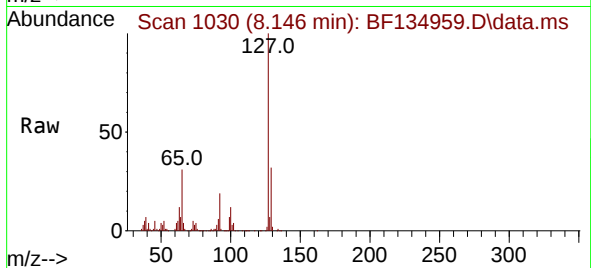
#33
4-Chloroaniline
Concen: 19.678 ng
RT: 8.146 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

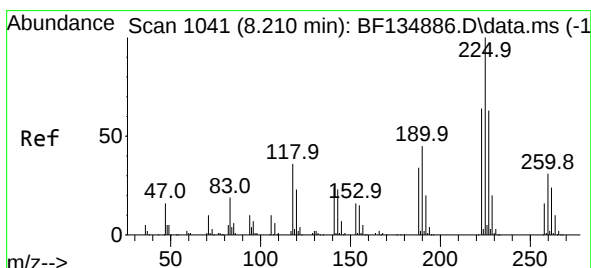
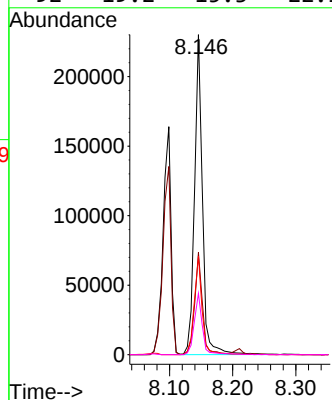
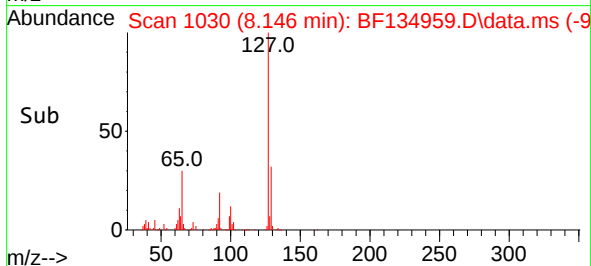


Tgt Ion:127 Resp: 201679
Ion Ratio Lower Upper
127 100
129 32.0 26.4 39.6
65 30.8 23.8 35.8
92 19.2 15.3 22.9

Manual Integrations

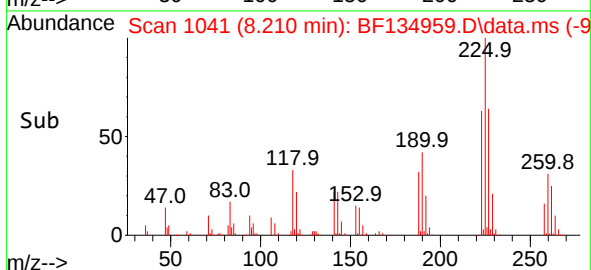
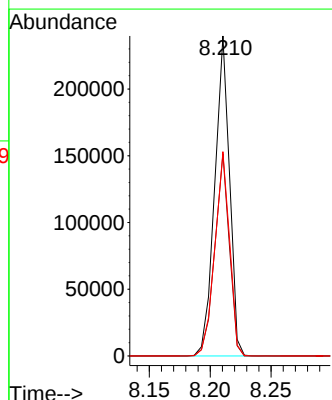
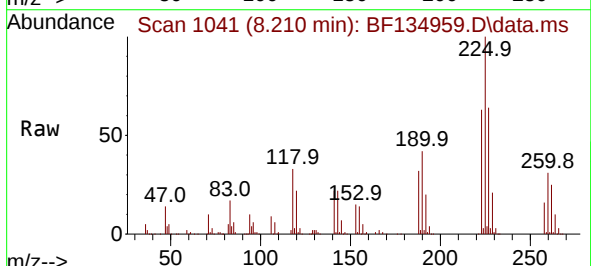
APPROVED

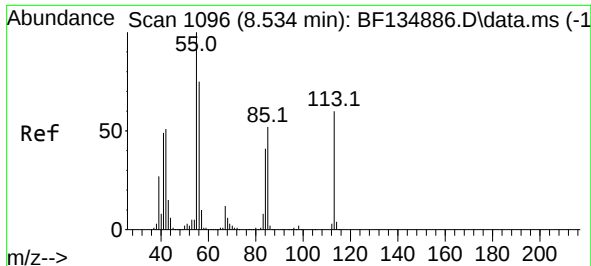
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#34
Hexachlorobutadiene
Concen: 46.043 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

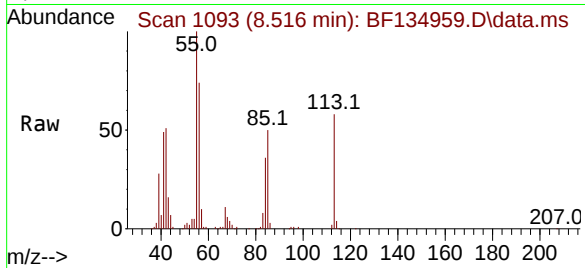
Tgt Ion:225 Resp: 203184
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 63.8 50.1 75.1





#35
Caprolactam
Concen: 47.094 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.017 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

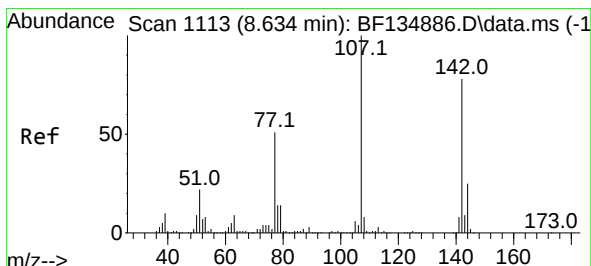
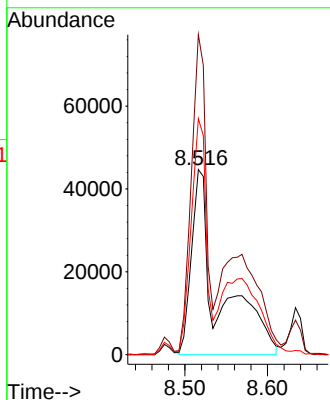
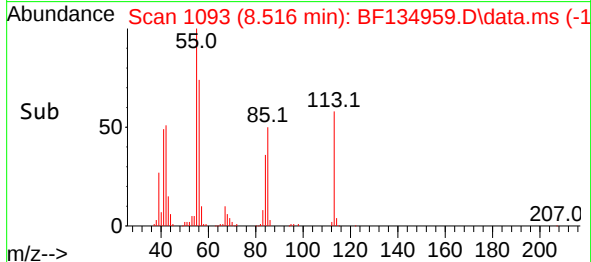
Instrument :
BNA_F
ClientSampleId :
PB155019BS



Tgt Ion:113 Resp: 102748
Ion Ratio Lower Upper
113 100
55 172.8 147.2 187.2
56 127.4 106.0 146.0

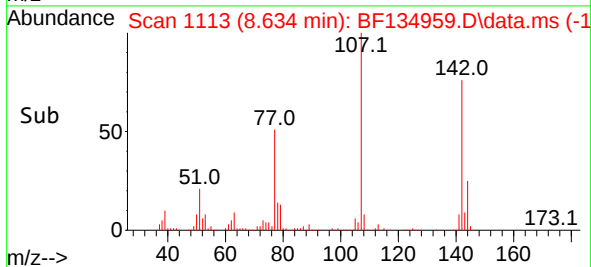
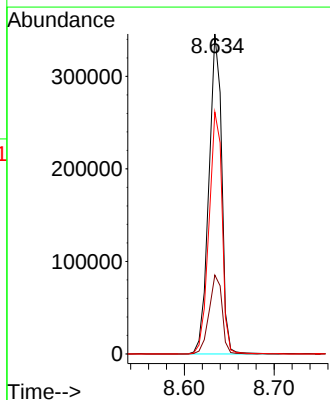
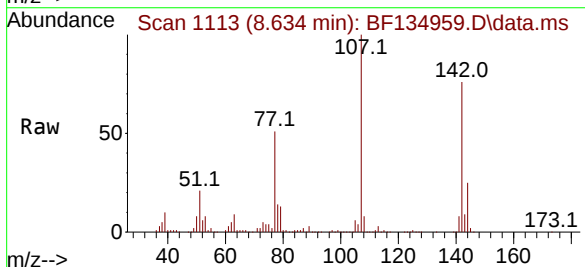
Manual Integrations
APPROVED

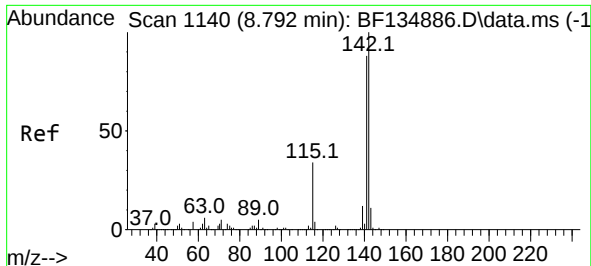
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#36
4-Chloro-3-methylphenol
Concen: 46.571 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:107 Resp: 343483
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 75.6 62.5 93.7





#37
2-Methylnaphthalene
Concen: 43.234 ng
RT: 8.787 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

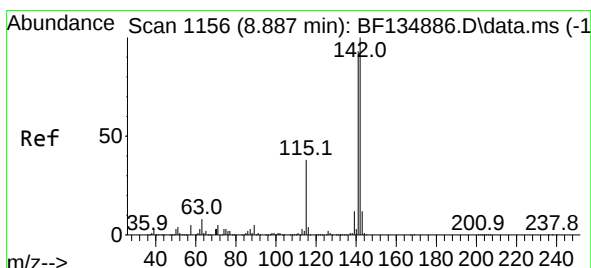
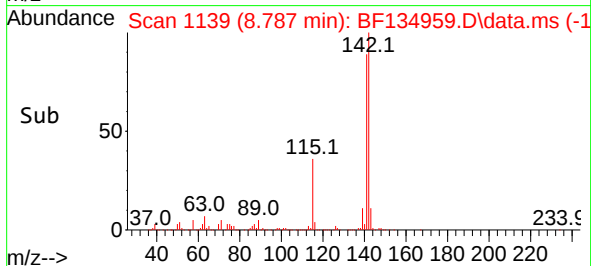
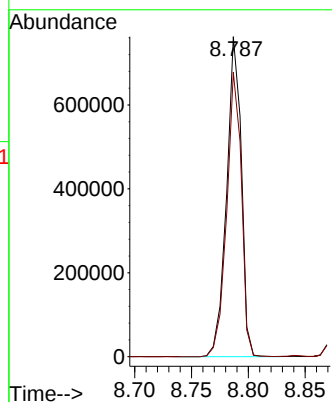
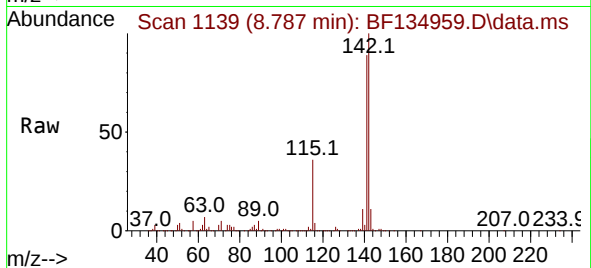
PB155019BS

Tgt Ion:142 Resp: 688719
Ion Ratio Lower Upper
142 100
141 88.9 70.2 105.2

Manual Integrations

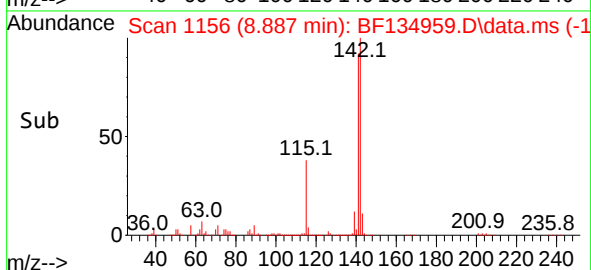
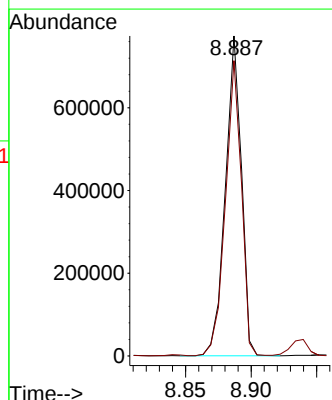
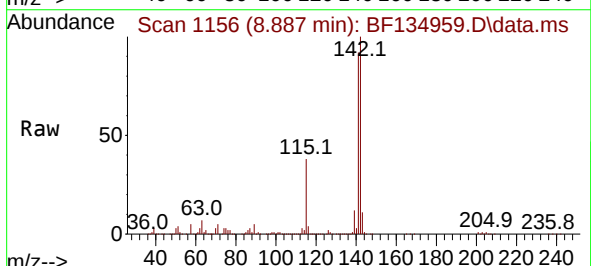
APPROVED

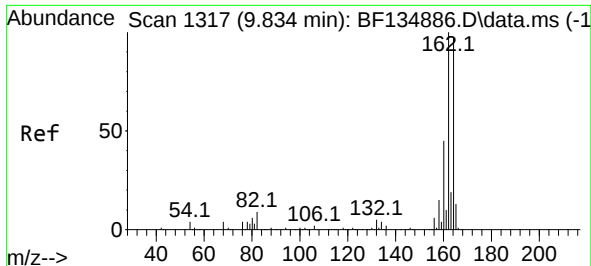
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#38
1-Methylnaphthalene
Concen: 44.046 ng
RT: 8.887 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:142 Resp: 656087
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1





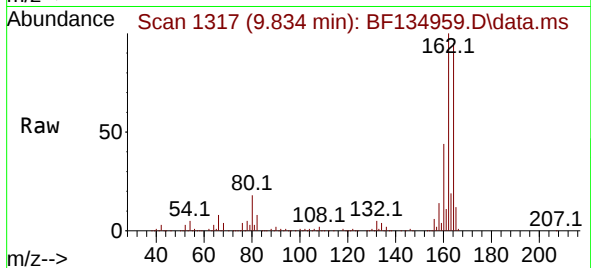
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

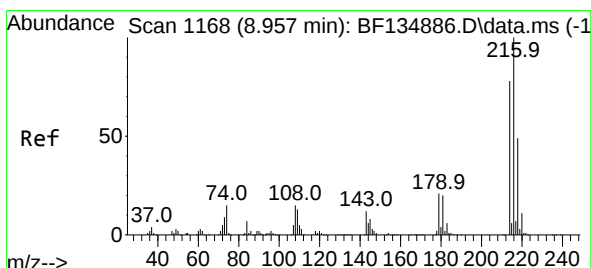
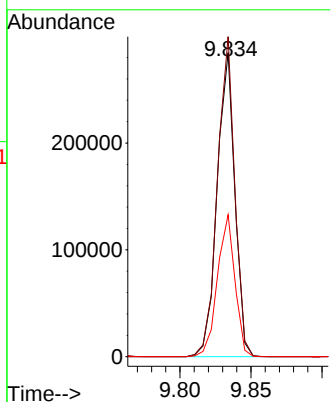
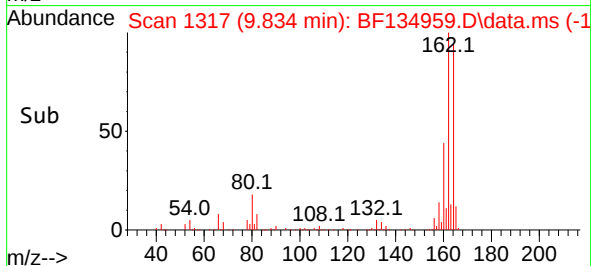


Tgt Ion:164 Resp: 245519
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 46.7 37.0 55.4

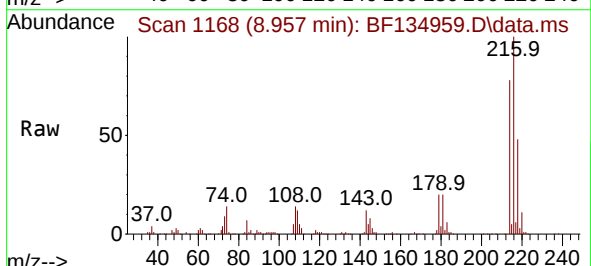
Manual Integrations

APPROVED

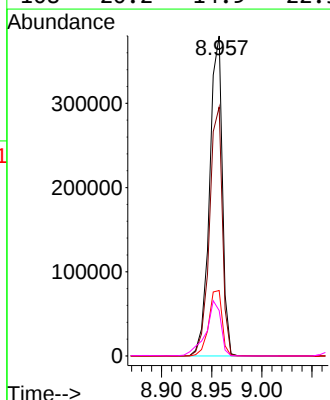
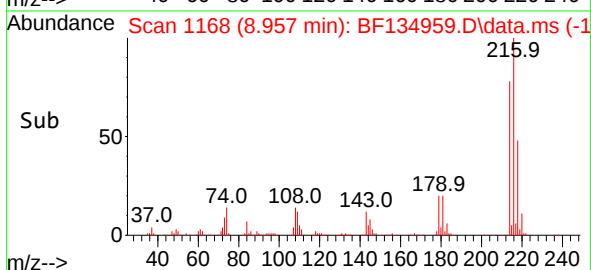
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

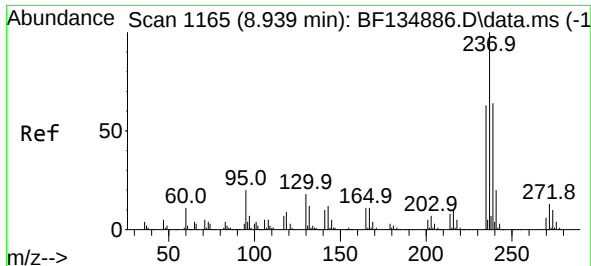


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.019 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:216 Resp: 336805
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 21.5 17.3 25.9
108 20.2 14.9 22.3





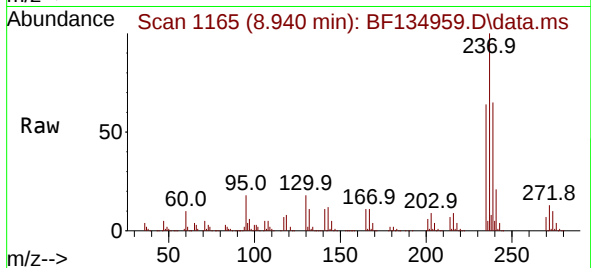
#41
Hexachlorocyclopentadiene
Concen: 93.826 ng
RT: 8.940 min Scan# 1165
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

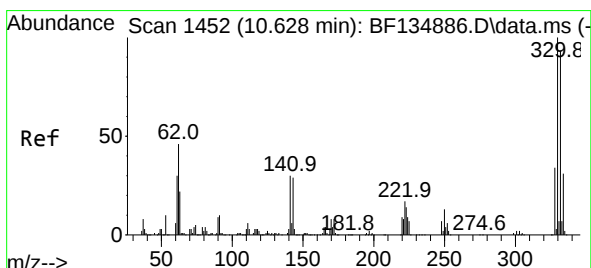
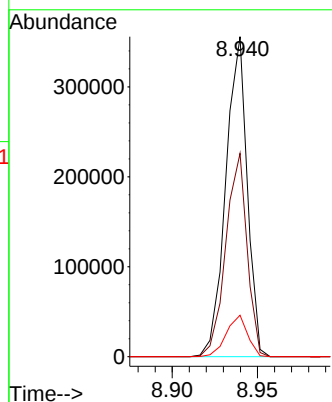
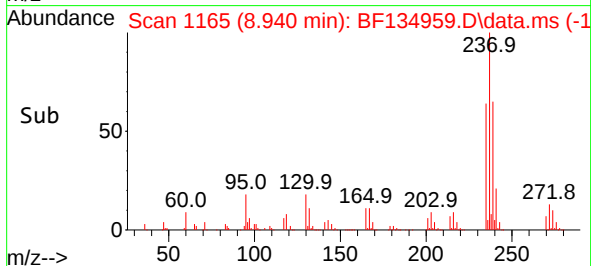


Tgt Ion:237 Resp: 310778
Ion Ratio Lower Upper
237 100
235 63.5 43.1 83.1
272 12.9 0.0 32.6

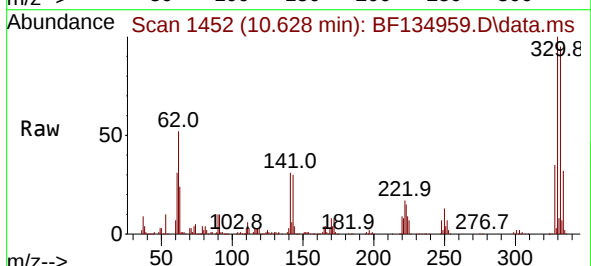
Manual Integrations

APPROVED

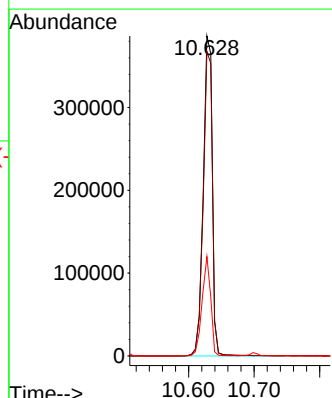
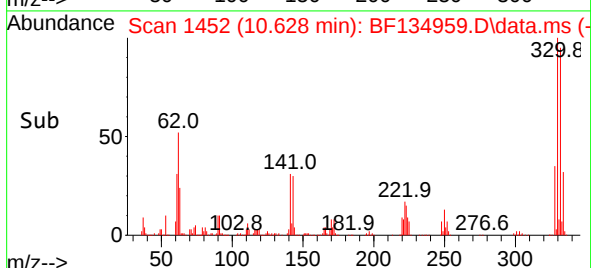
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

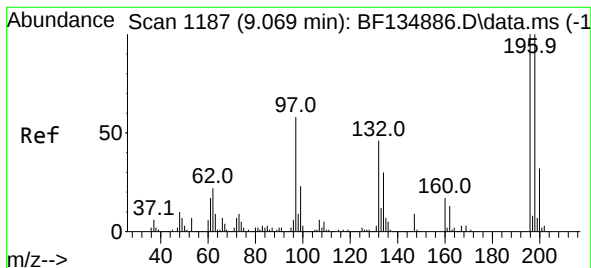


#42
2,4,6-Tribromophenol
Concen: 128.983 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:330 Resp: 372968
Ion Ratio Lower Upper
330 100
332 95.3 76.3 114.5
141 29.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 45.652 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF134959.D

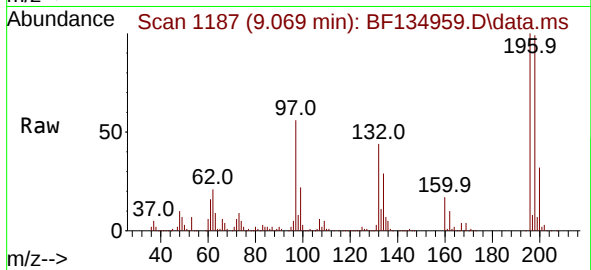
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS



Tgt Ion:196 Resp: 225564

Ion Ratio Lower Upper

196 100

198 98.5 79.8 119.6

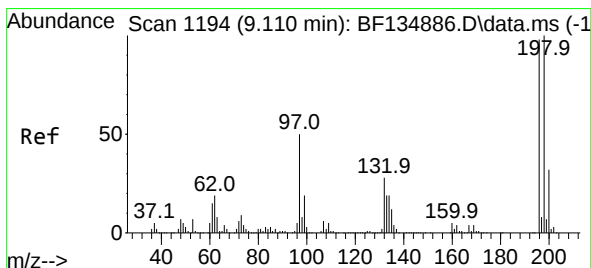
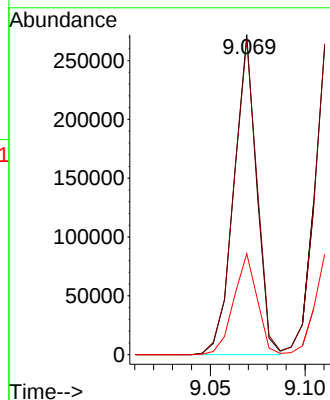
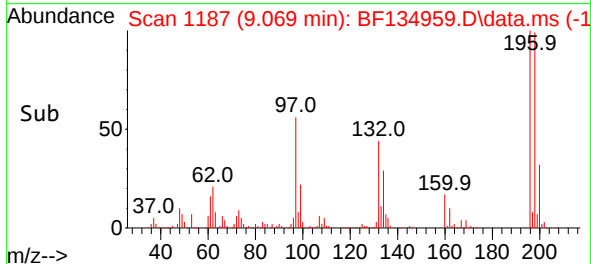
200 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023



#44

2,4,5-Trichlorophenol

Concen: 41.857 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion:196 Resp: 239438

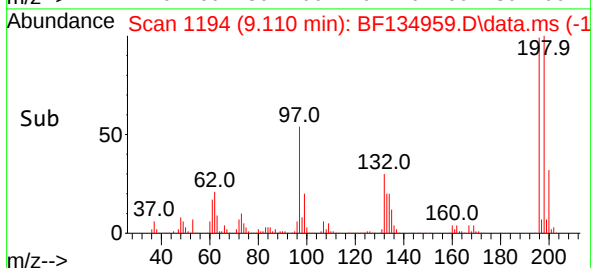
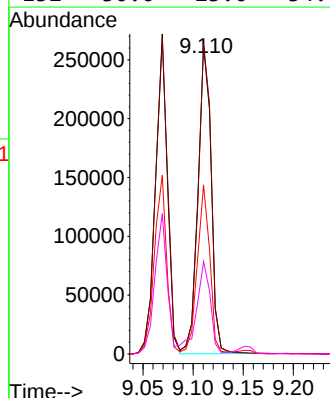
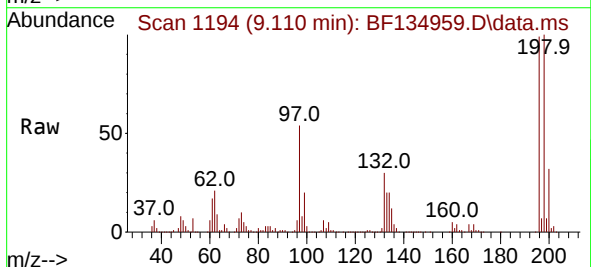
Ion Ratio Lower Upper

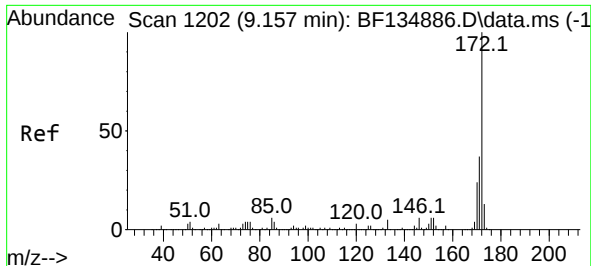
196 100

198 100.9 81.8 122.6

97 54.9 41.3 61.9

132 30.0 23.0 34.4





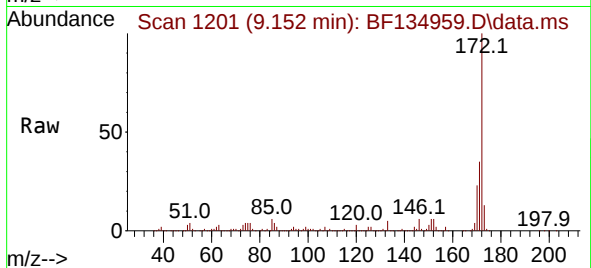
#45
2-Fluorobiphenyl
Concen: 87.925 ng
RT: 9.152 min Scan# 1201
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS



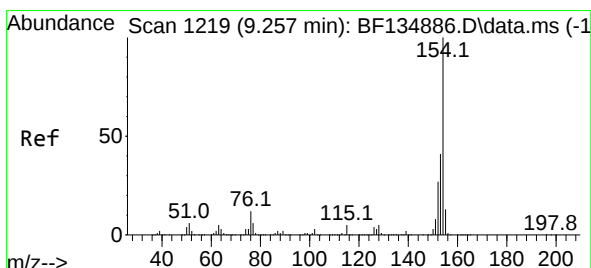
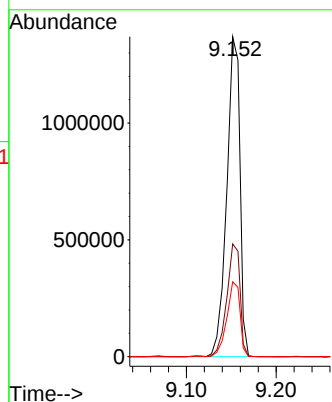
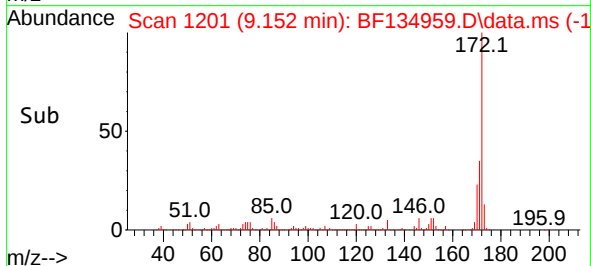
Tgt Ion:172 Resp: 1396429
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 23.4 19.6 29.4

Manual Integrations

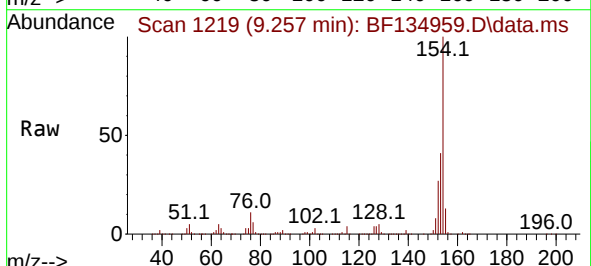
APPROVED

Reviewed By :Yogesh Patel 08/29/2023

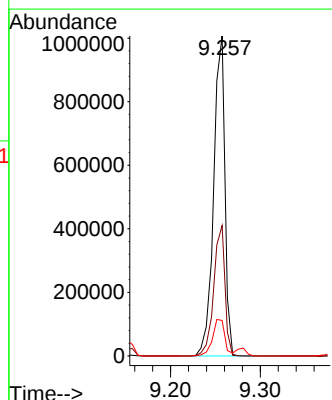
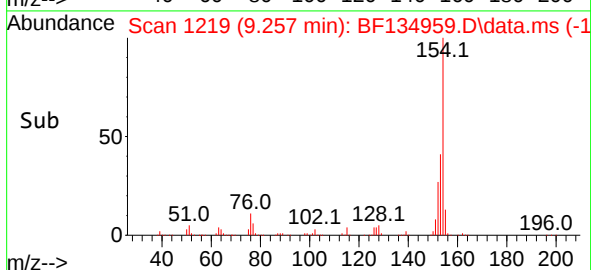
Supervised By :mohammad ahmed 08/29/2023

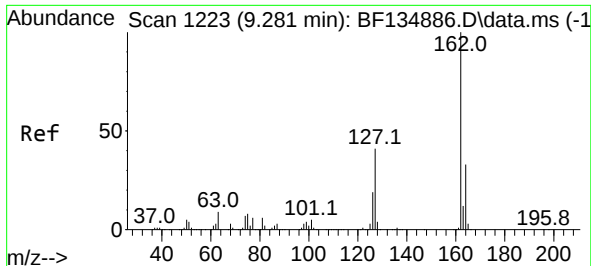


#46
1,1'-Biphenyl
Concen: 45.319 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:154 Resp: 878423
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 11.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 46.258 ng

RT: 9.281 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

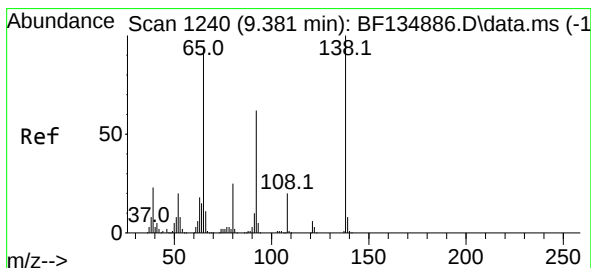
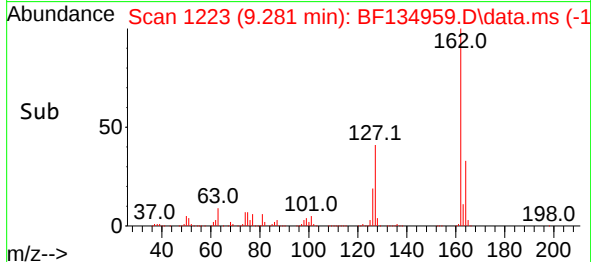
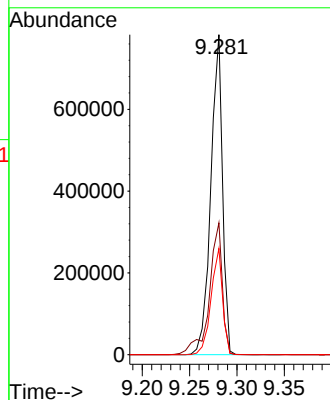
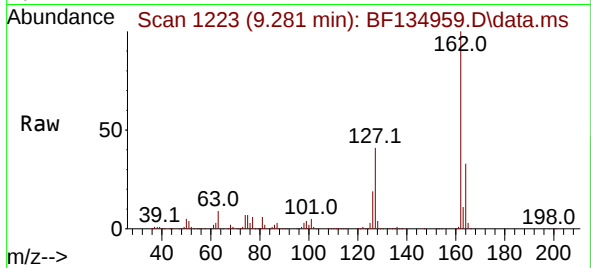
PB155019BS

Tgt Ion:162 Resp: 669608
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.4 50.0
 164 33.2 26.6 39.8

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 Supervised By :mohammad ahmed 08/29/2023



#48

2-Nitroaniline

Concen: 45.314 ng

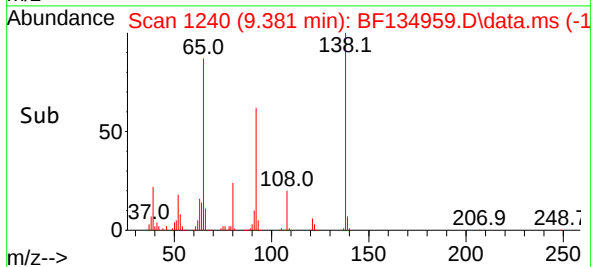
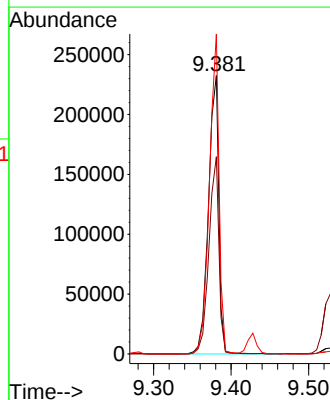
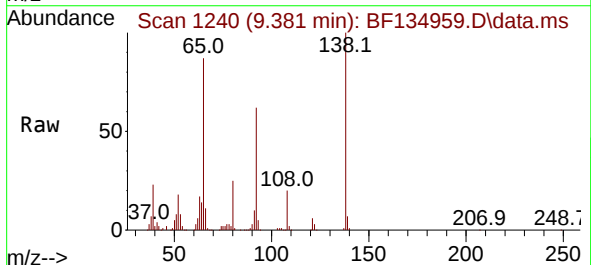
RT: 9.381 min Scan# 1240

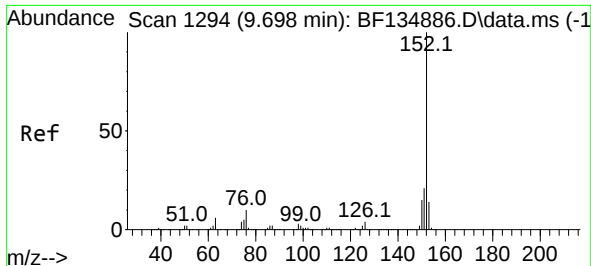
Delta R.T. 0.000 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

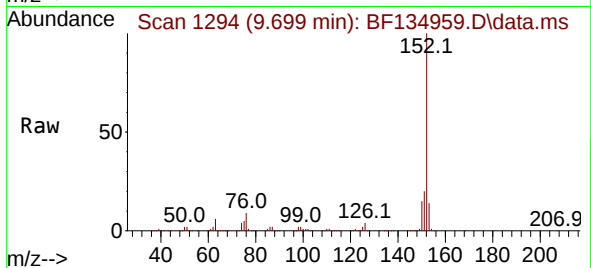
Tgt Ion: 65 Resp: 215621
 Ion Ratio Lower Upper
 65 100
 92 70.9 53.8 80.8
 138 114.9 86.5 129.7





#49
Acenaphthylene
Concen: 46.387 ng
RT: 9.699 min Scan# 1294
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

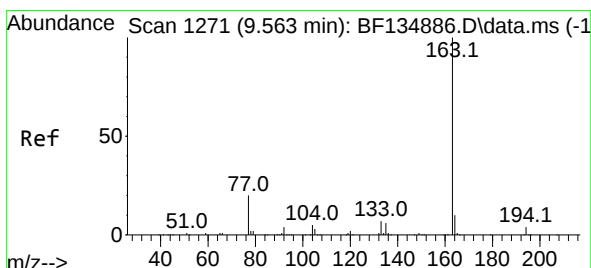
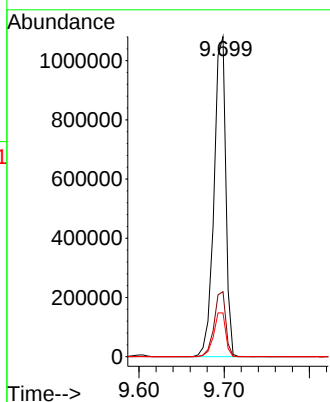
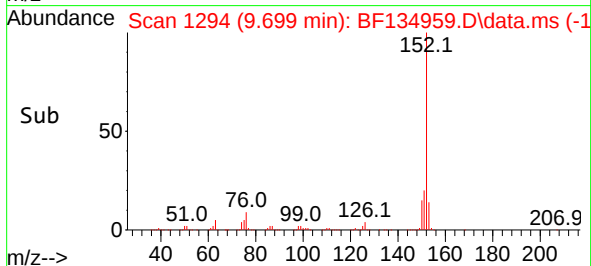
Instrument :
BNA_F
ClientSampleId :
PB155019BS



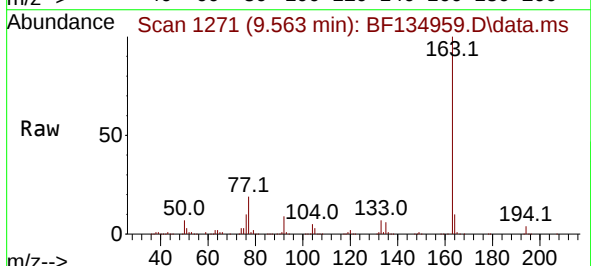
Tgt Ion:152 Resp: 1034070
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7
153 13.6 11.3 16.9

Manual Integrations
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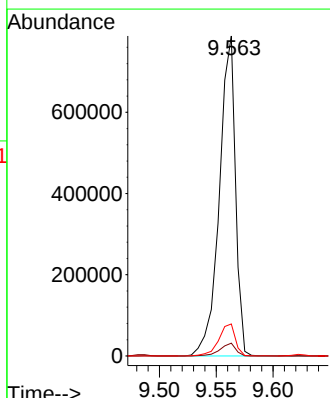
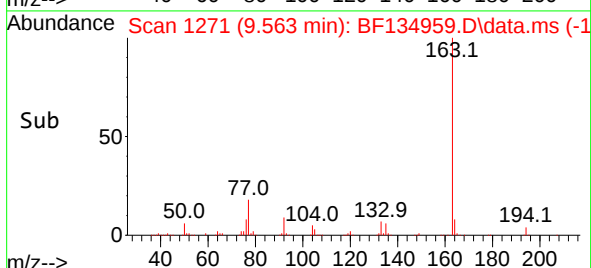
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

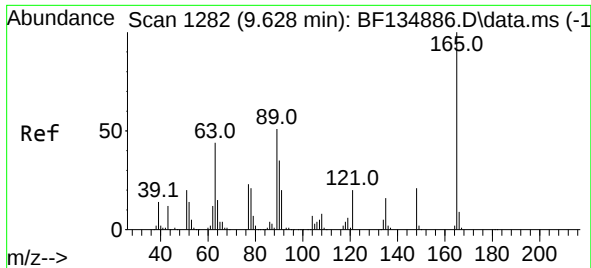


#50
Dimethylphthalate
Concen: 44.682 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:163 Resp: 780878
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.4





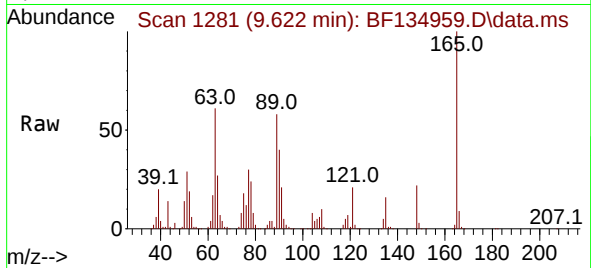
#51
2,6-Dinitrotoluene
Concen: 46.843 ng
RT: 9.622 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

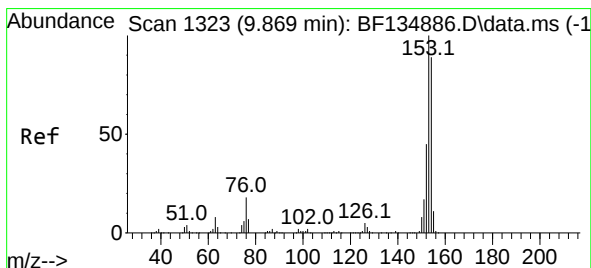
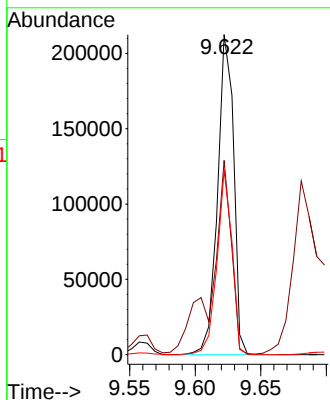
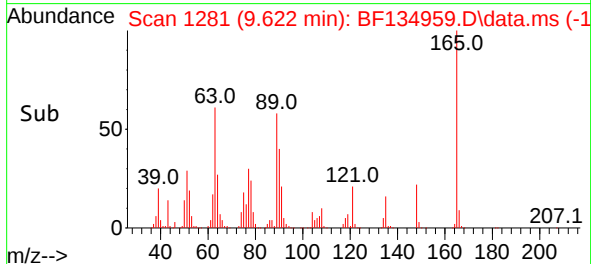


Tgt Ion:165 Resp: 180559
Ion Ratio Lower Upper
165 100
63 60.7 41.4 62.2
89 57.7 40.9 61.3

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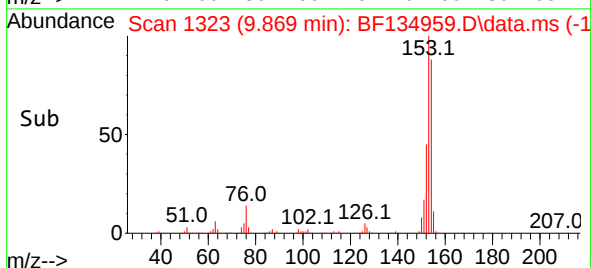
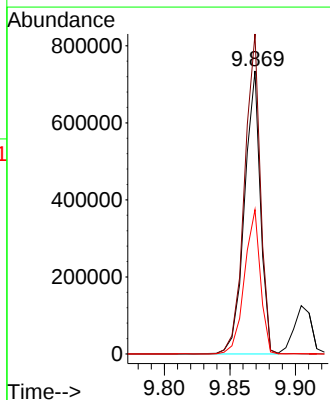
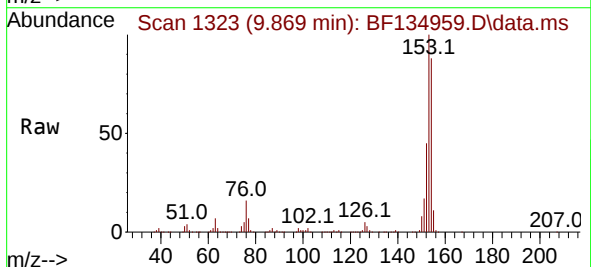
APPROVED

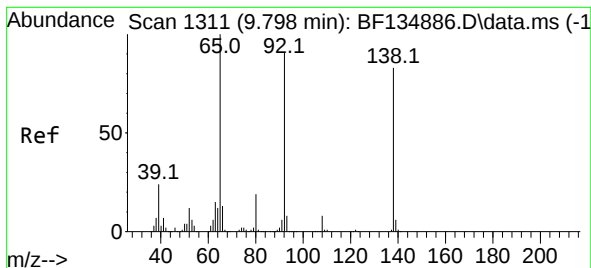
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#52
Acenaphthene
Concen: 44.311 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:154 Resp: 622282
Ion Ratio Lower Upper
154 100
153 113.0 89.6 134.4
152 51.0 40.5 60.7





#53
3-Nitroaniline
Concen: 31.400 ng
RT: 9.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

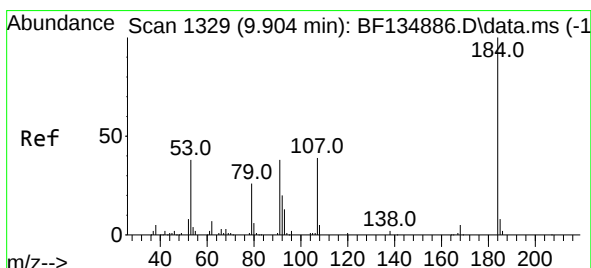
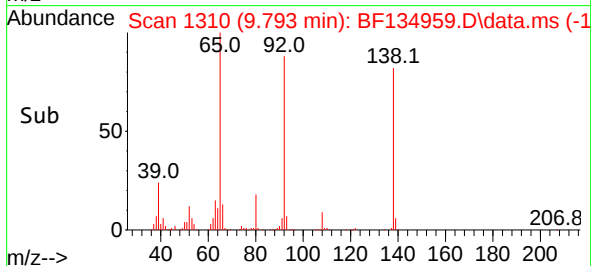
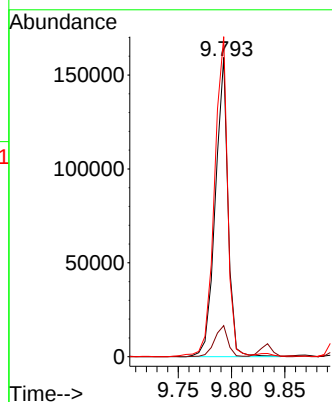
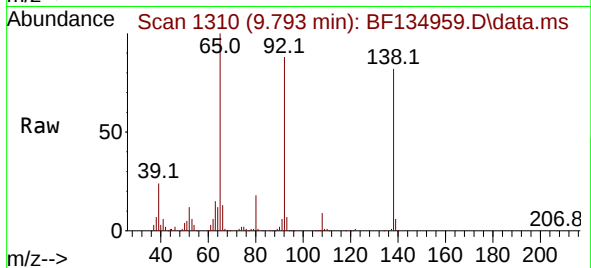
PB155019BS

Tgt Ion:138 Resp: 13219
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 106.9 87.6 131.4

Manual Integrations

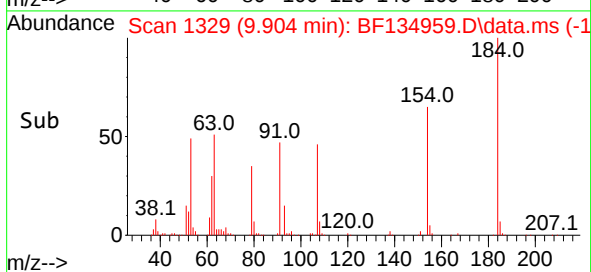
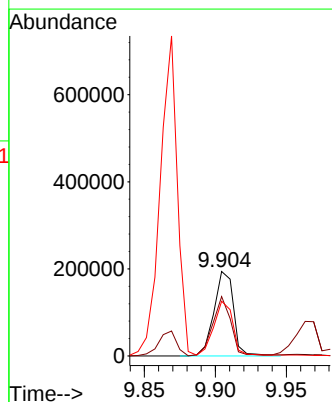
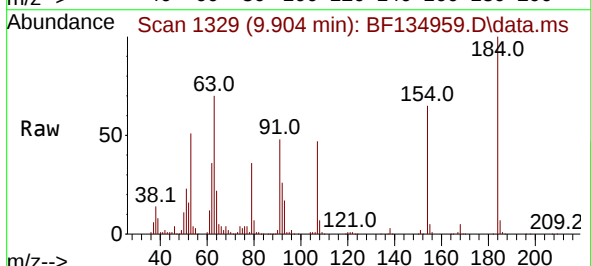
APPROVED

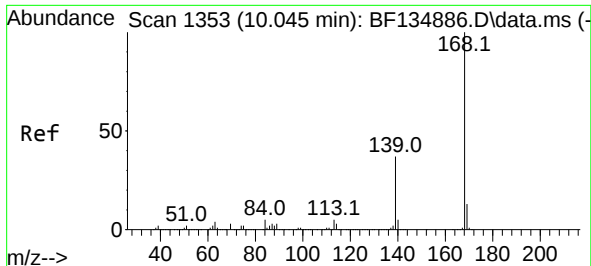
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#54
2,4-Dinitrophenol
Concen: 102.218 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:184 Resp: 186424
Ion Ratio Lower Upper
184 100
63 70.3 42.8 64.2#
154 64.7 48.0 72.0





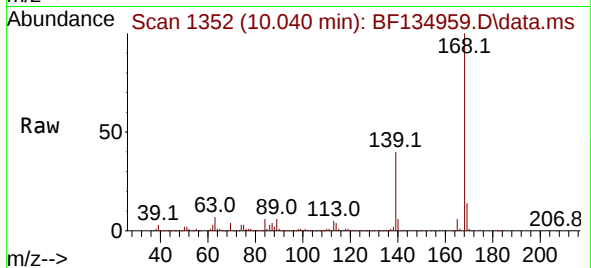
#55
Dibenzofuran
Concen: 45.031 ng
RT: 10.040 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

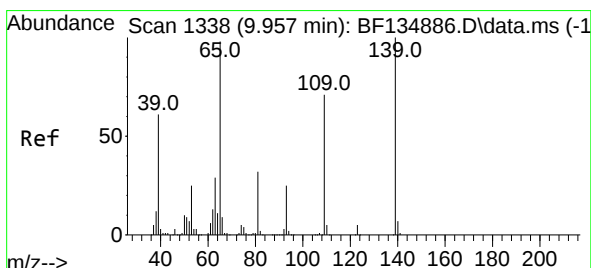
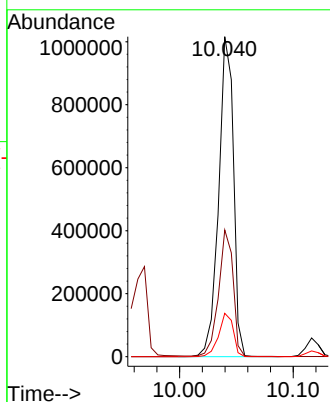
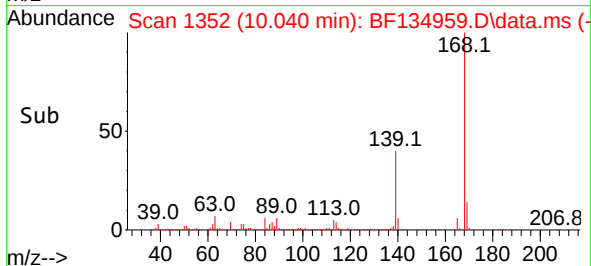
PB155019BS



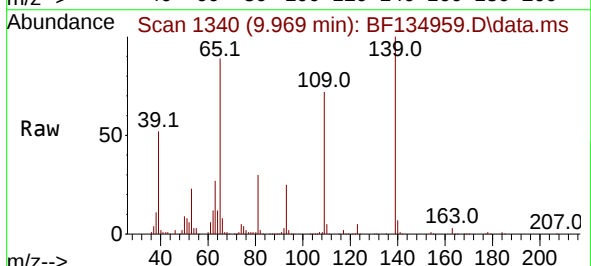
Tgt Ion:168 Resp: 920730
Ion Ratio Lower Upper
168 100
139 39.6 29.5 44.3
169 13.6 10.7 16.1

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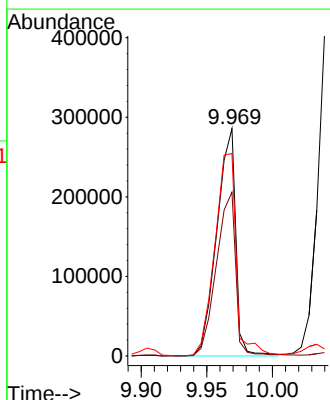
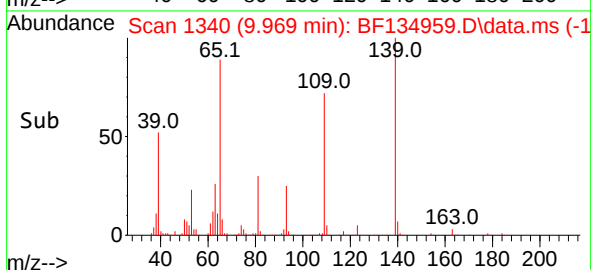
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

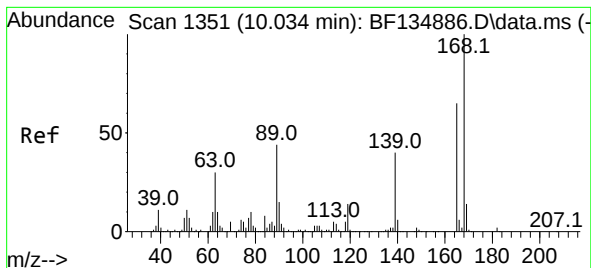


#56
4-Nitrophenol
Concen: 97.240 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:139 Resp: 285293
Ion Ratio Lower Upper
139 100
109 72.0 51.0 91.0
65 89.0 78.5 118.5





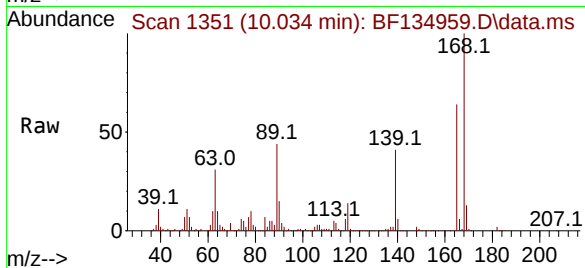
#57
2,4-Dinitrotoluene
Concen: 48.739 ng
RT: 10.034 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

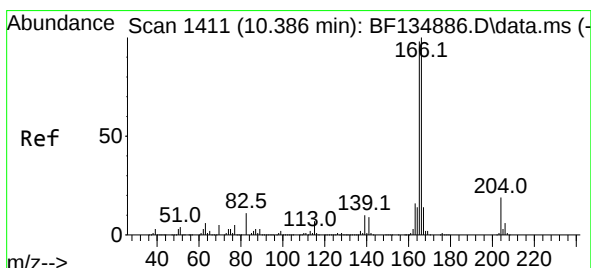
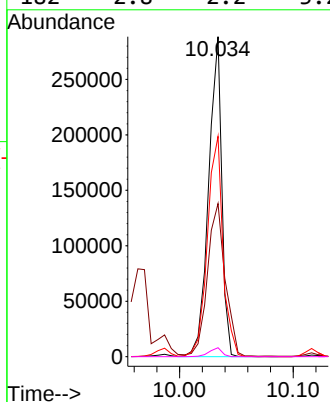
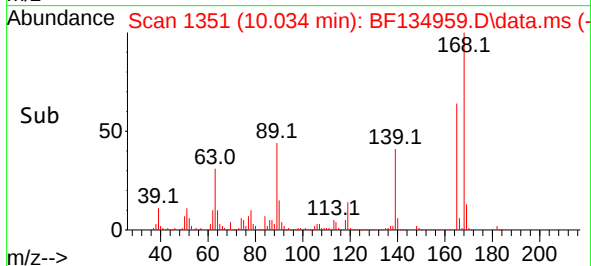
PB155019BS



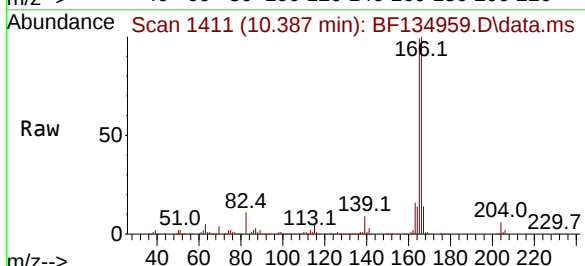
Tgt Ion:165 Resp: 23233
Ion Ratio Lower Upper
165 100
63 47.9 37.7 56.5
89 68.9 54.2 81.4
182 2.8 2.2 3.2

Manual Integrations
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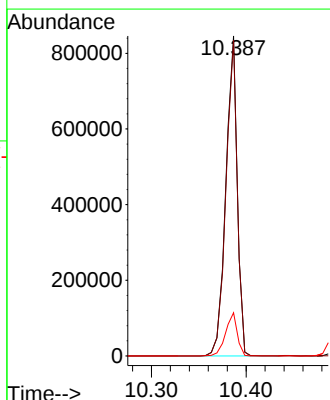
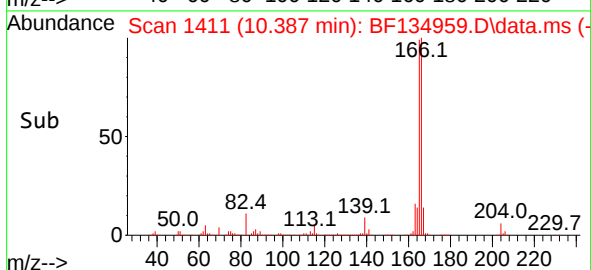
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

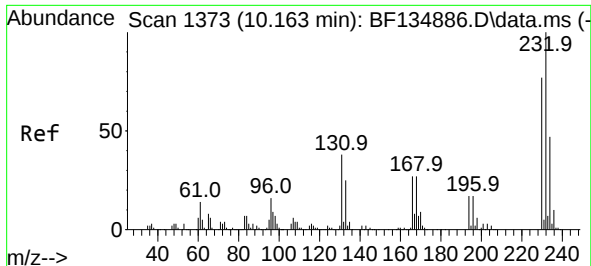


#58
Fluorene
Concen: 45.801 ng
RT: 10.387 min Scan# 1411
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:166 Resp: 710274
Ion Ratio Lower Upper
166 100
165 98.6 78.5 117.7
167 13.5 11.0 16.6





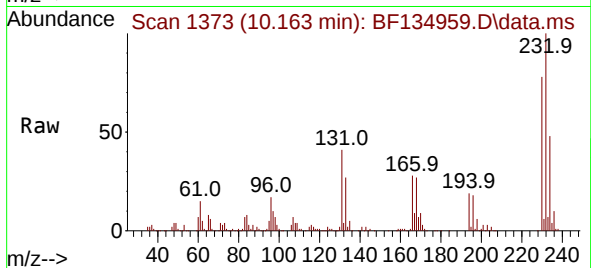
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.736 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

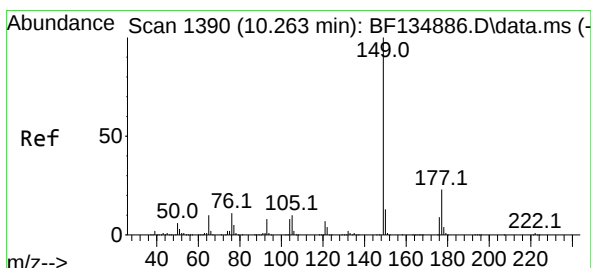
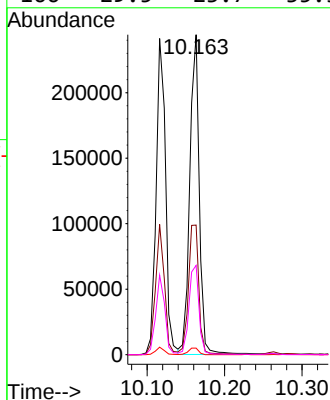
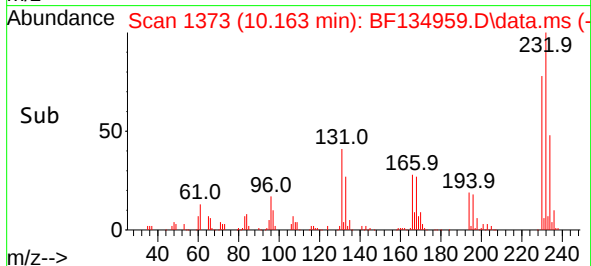


Tgt Ion:232 Resp: 208295
Ion Ratio Lower Upper
232 100
131 44.0 33.9 50.9
130 2.2 1.6 2.4
166 29.5 23.7 35.5

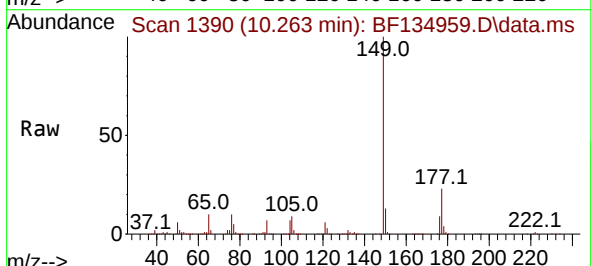
Manual Integrations

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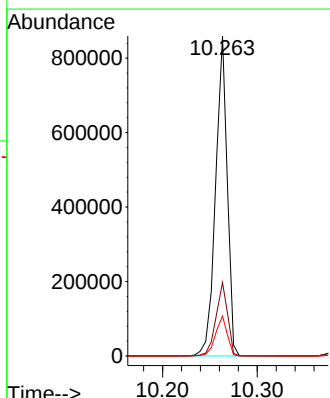
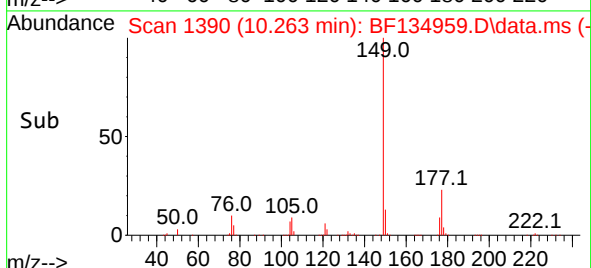
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

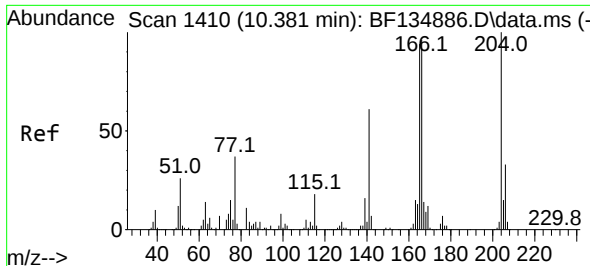


#60
Diethylphthalate
Concen: 45.743 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



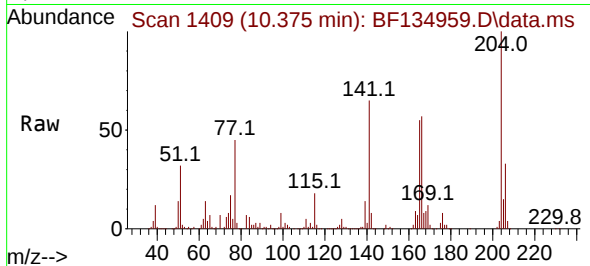
Tgt Ion:149 Resp: 732424
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 44.968 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

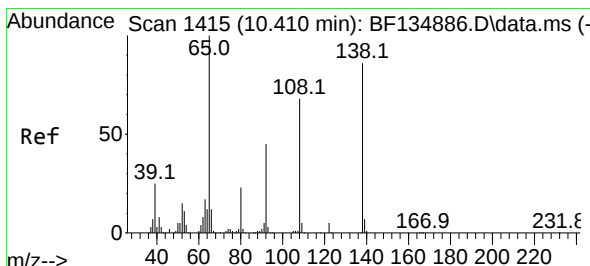
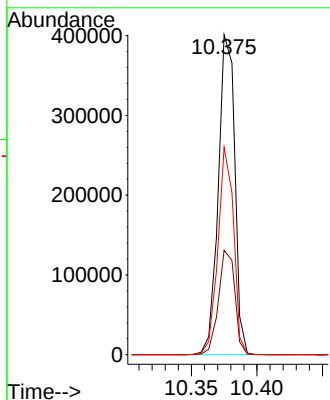
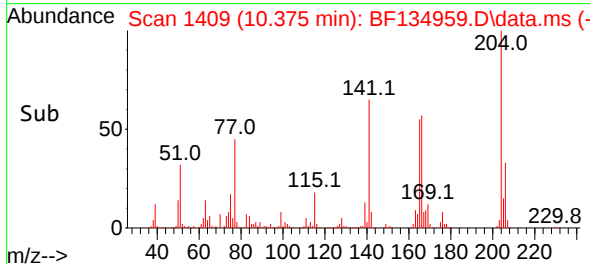
Instrument :
BNA_F
ClientSampleId :
PB155019BS



Tgt Ion:204 Resp: 349579
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 64.8 48.6 73.0

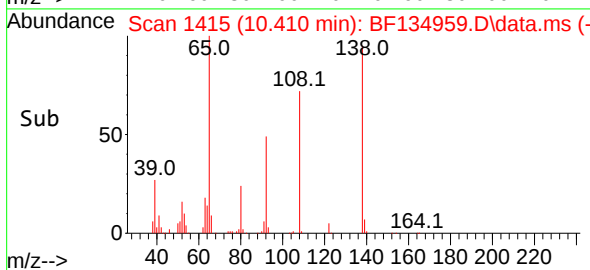
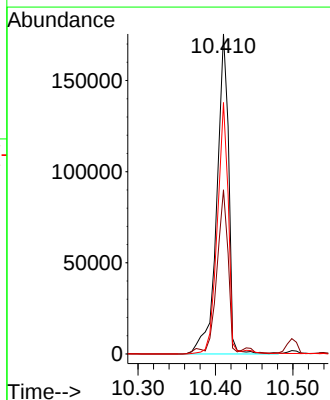
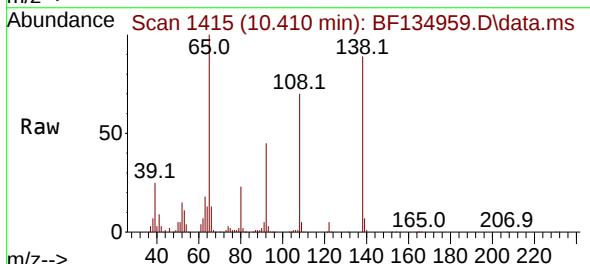
Manual Integrations
APPROVED

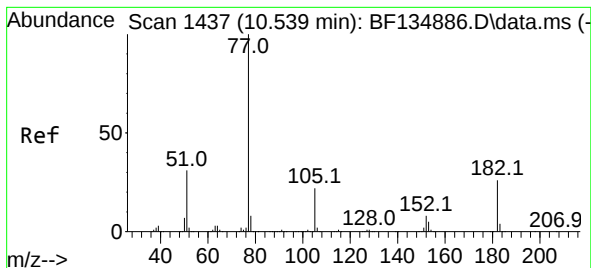
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#62
4-Nitroaniline
Concen: 47.459 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:138 Resp: 186780
Ion Ratio Lower Upper
138 100
92 51.3 32.5 72.5
108 78.5 58.6 98.6





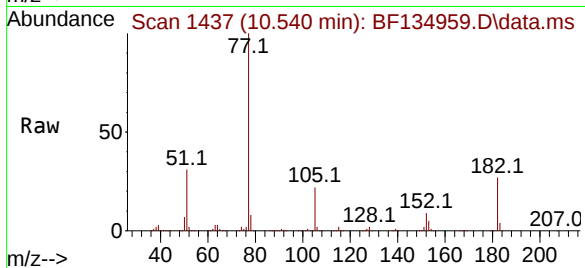
#63
Azobenzene
Concen: 44.257 ng
RT: 10.540 min Scan# 1437
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

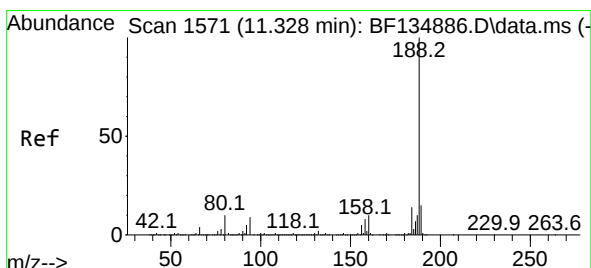
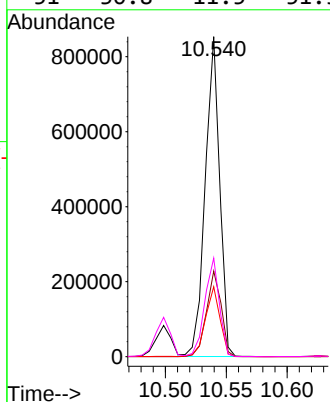
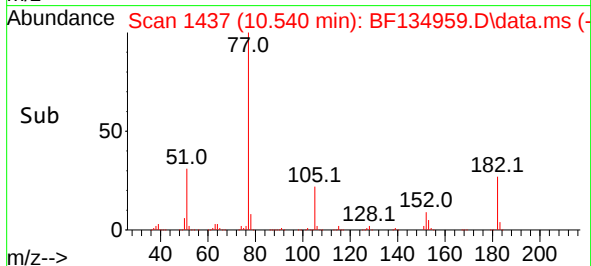


Tgt Ion: 77 Resp: 703960
Ion Ratio Lower Upper
77 100
182 26.7 5.8 45.8
105 21.8 1.6 41.6
51 30.8 11.5 51.5

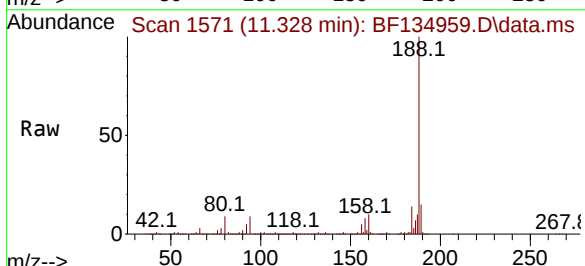
Manual Integrations

APPROVED

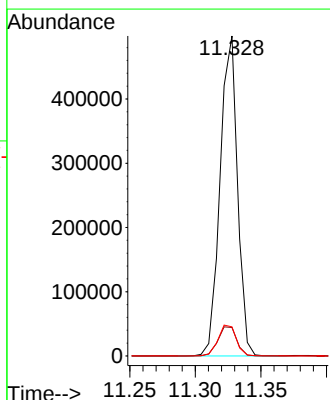
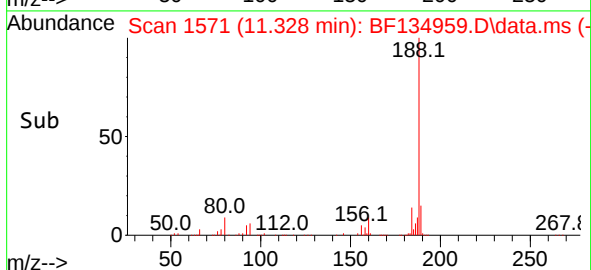
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

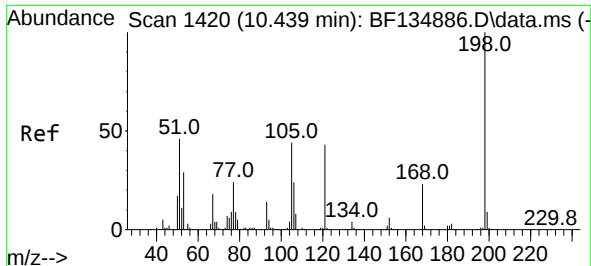


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



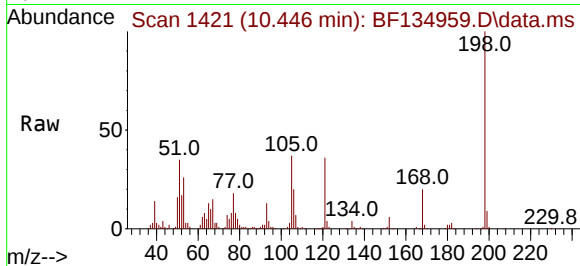
Tgt Ion:188 Resp: 458608
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 9.1 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.212 ng
RT: 10.446 min Scan# 1420
Delta R.T. 0.007 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

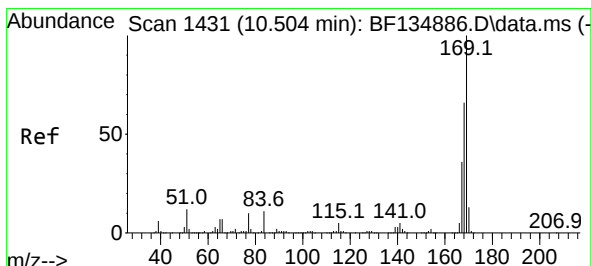
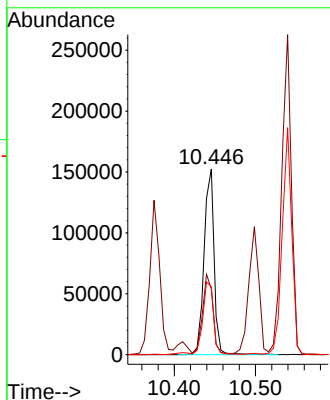
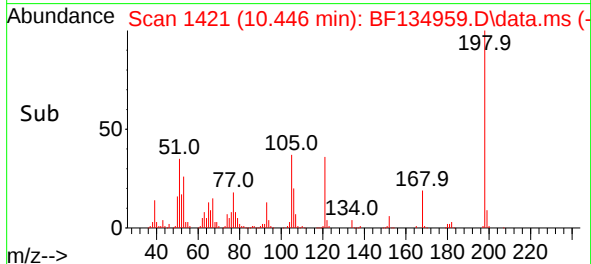
Instrument :
BNA_F
ClientSampleId :
PB155019BS



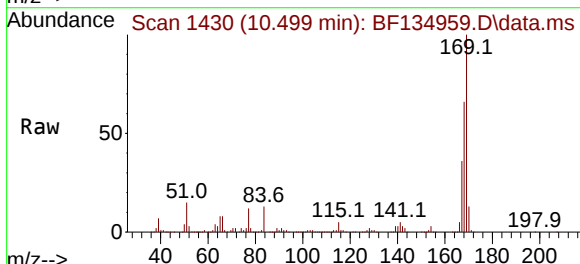
Tgt Ion:198 Resp: 130460
Ion Ratio Lower Upper
198 100
51 35.4 30.3 70.3
105 36.6 24.5 64.5

Manual Integrations
APPROVED

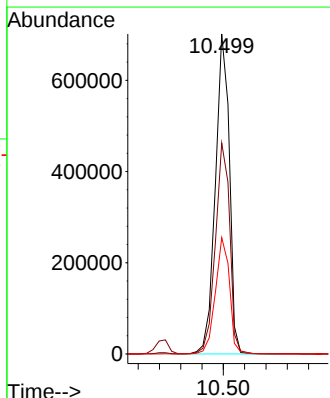
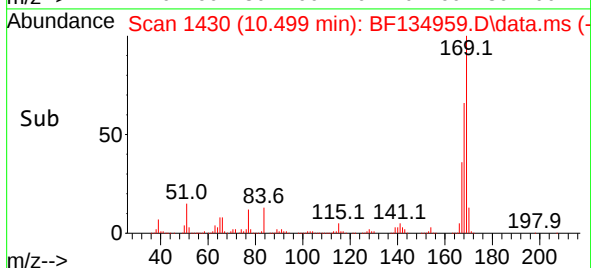
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

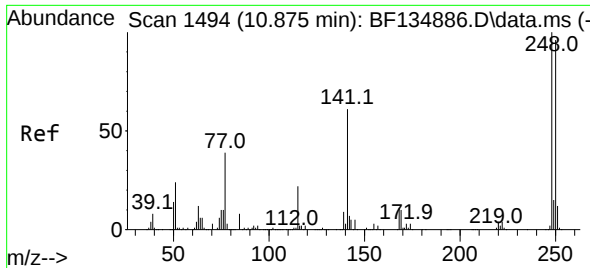


#66
n-Nitrosodiphenylamine
Concen: 43.342 ng
RT: 10.499 min Scan# 1430
Delta R.T. -0.005 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:169 Resp: 640089
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.153 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

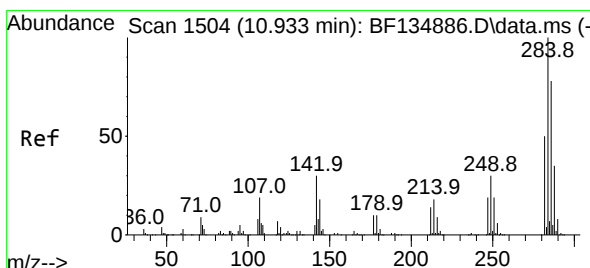
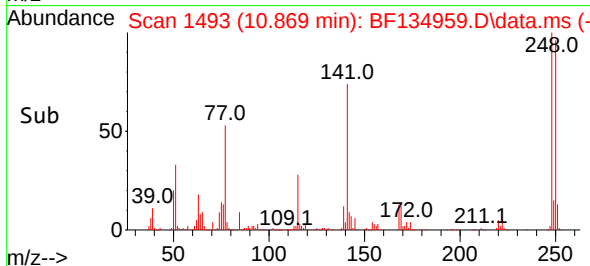
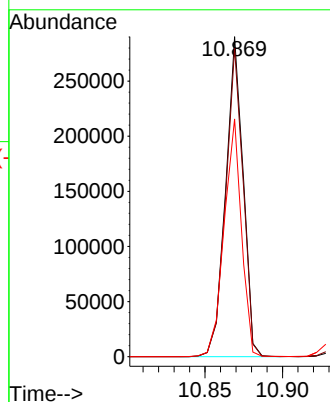
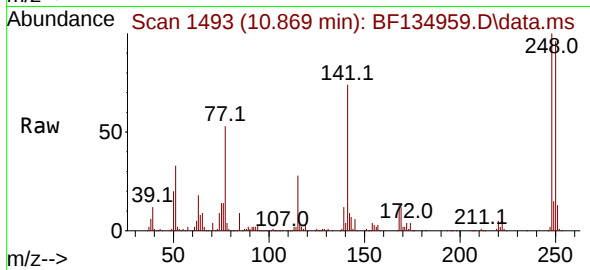
PB155019BS

Tgt Ion:248 Resp: 228319
Ion Ratio Lower Upper
248 100
250 96.4 77.1 115.7
141 74.3 49.0 73.4

Manual Integrations

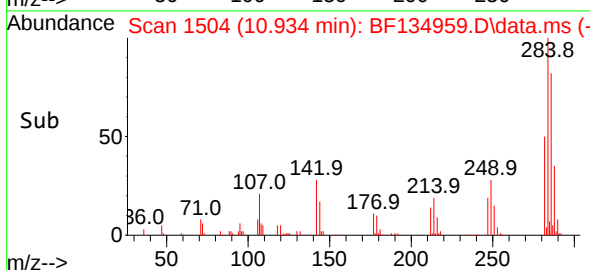
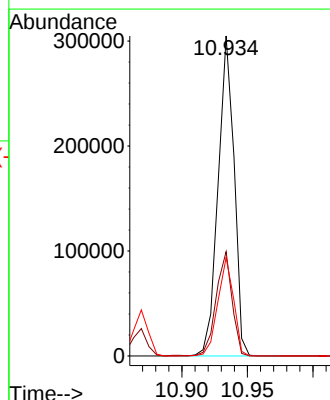
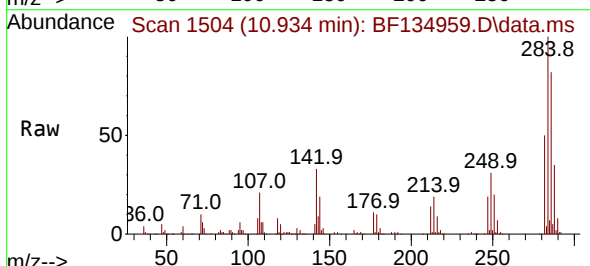
APPROVED

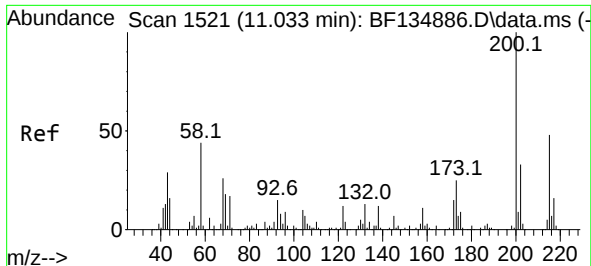
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#68
Hexachlorobenzene
Concen: 45.760 ng
RT: 10.934 min Scan# 1504
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

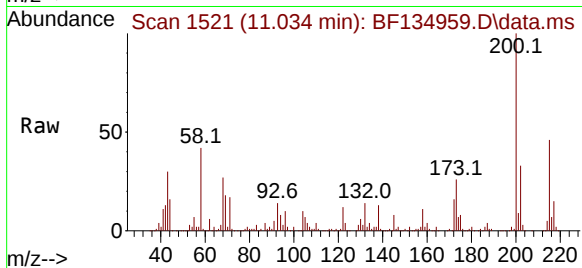
Tgt Ion:284 Resp: 257499
Ion Ratio Lower Upper
284 100
142 32.6 23.9 35.9
249 30.7 24.1 36.1





#69
 Atrazine
 Concen: 54.234 ng
 RT: 11.034 min Scan# 1521
 Delta R.T. 0.001 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

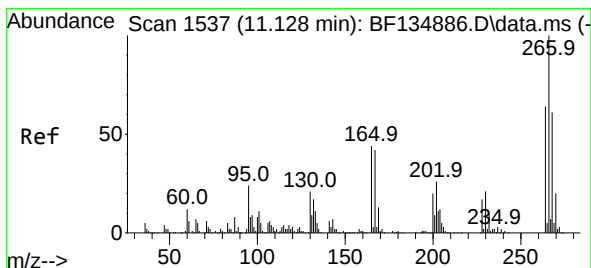
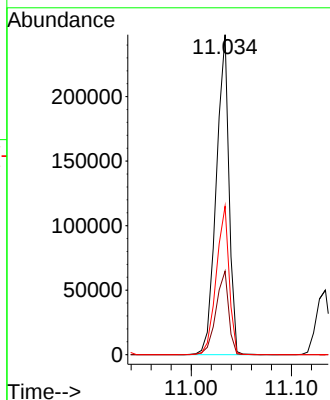
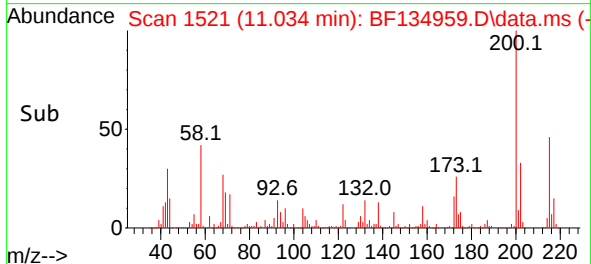
Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS



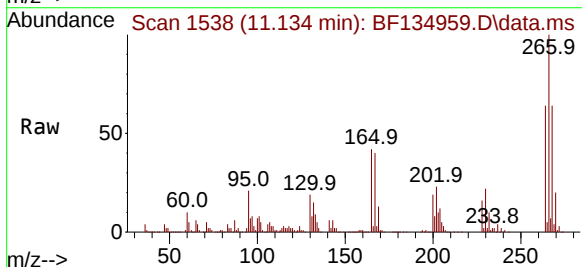
Tgt Ion:200 Resp: 217494
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.3 45.3
 215 46.4 28.3 68.3

Manual Integrations
 APPROVED

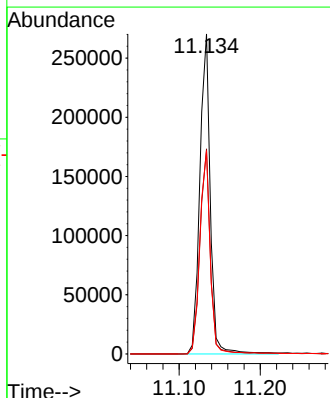
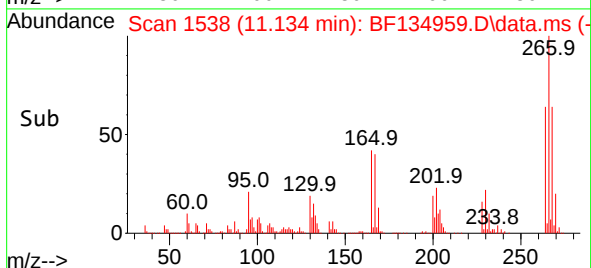
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

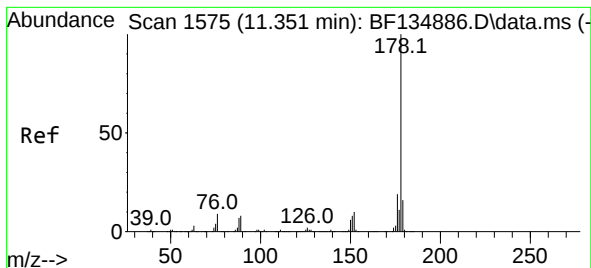


#70
 Pentachlorophenol
 Concen: 71.370 ng
 RT: 11.134 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59



Tgt Ion:266 Resp: 241692
 Ion Ratio Lower Upper
 266 100
 268 64.1 48.9 73.3
 264 63.5 51.0 76.6





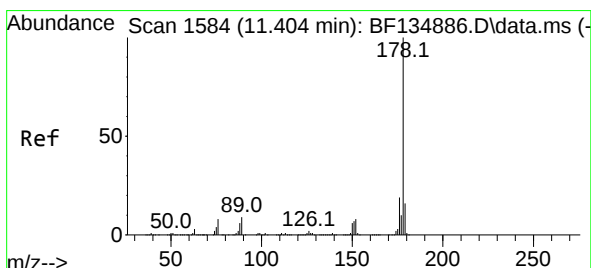
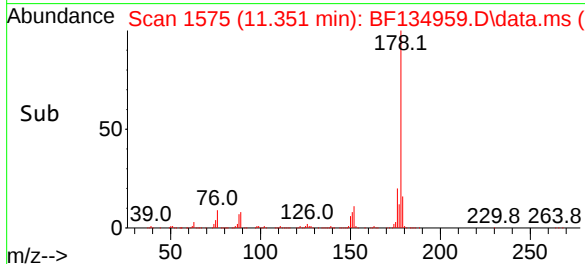
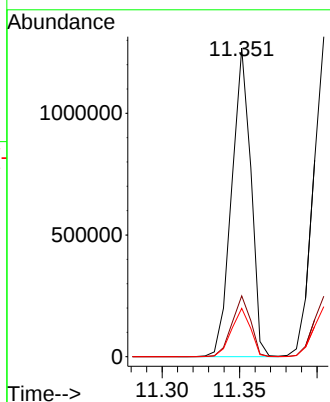
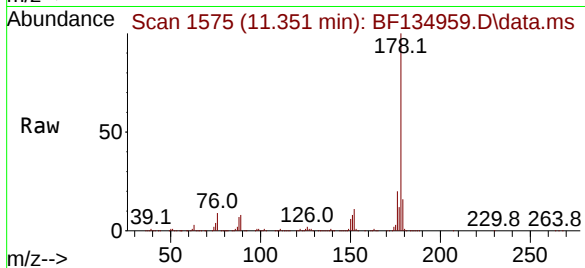
#71
Phenanthrene
Concen: 45.298 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion:178 Resp: 1088600
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.7 12.6 19.0

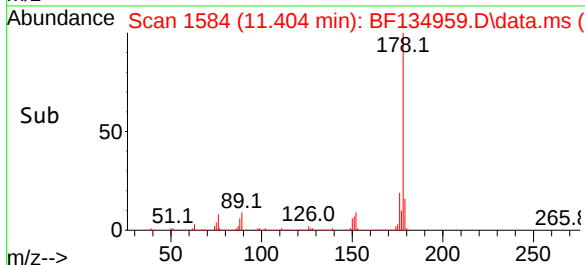
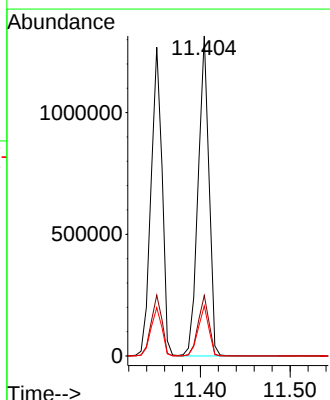
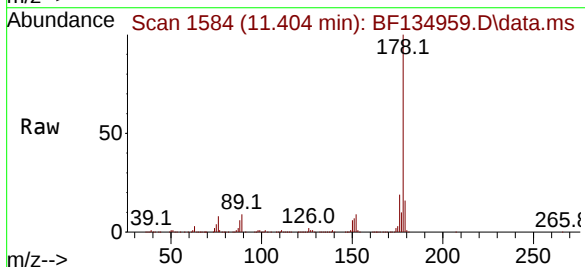
Manual Integrations
APPROVED

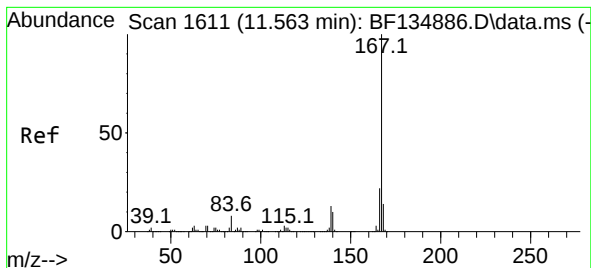
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#72
Anthracene
Concen: 44.804 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

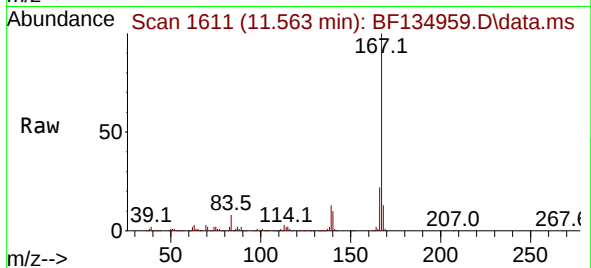
Tgt Ion:178 Resp: 1103212
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 47.303 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

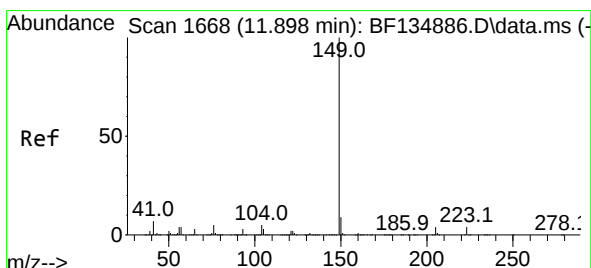
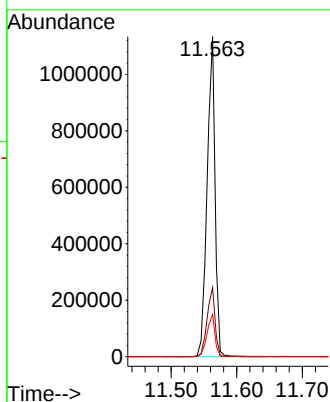
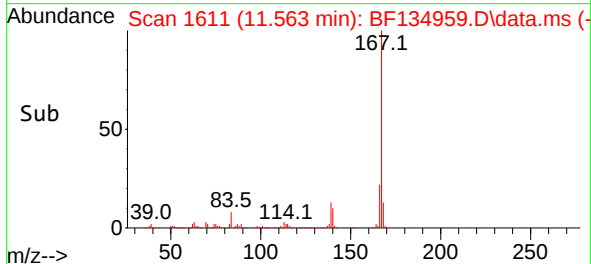
Instrument :
 BNA_F
 ClientSampleId :
 PB155019BS



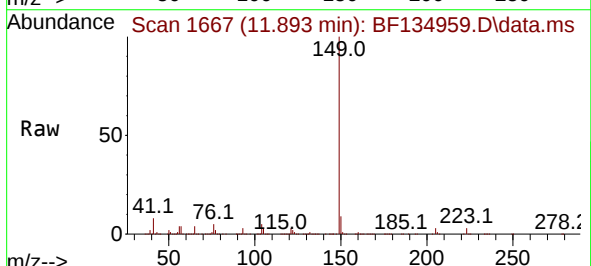
Tgt Ion:167 Resp: 959778
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.2 10.4 15.6

Manual Integrations
 APPROVED

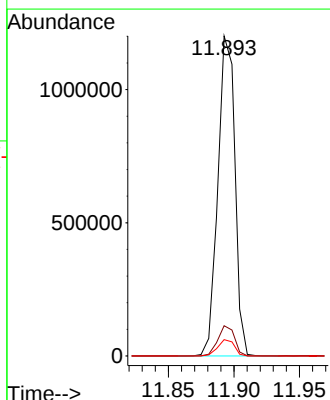
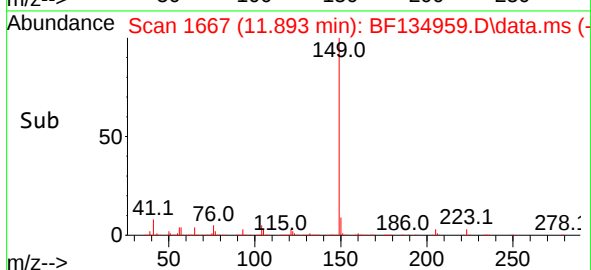
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

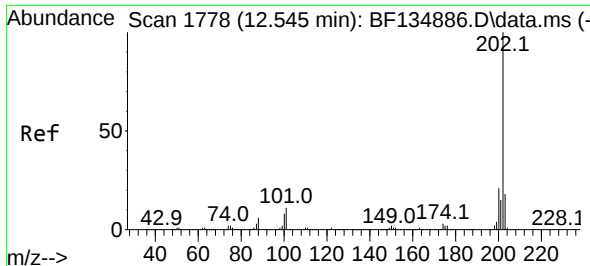


#74
 Di-n-butylphthalate
 Concen: 46.578 ng
 RT: 11.893 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59



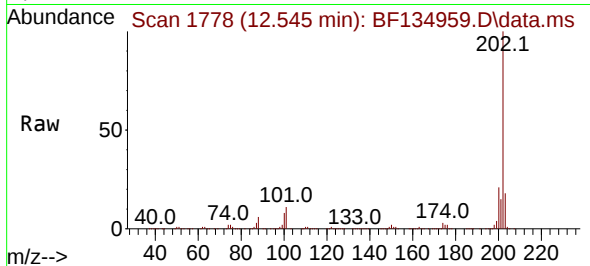
Tgt Ion:149 Resp: 1083887
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 46.809 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

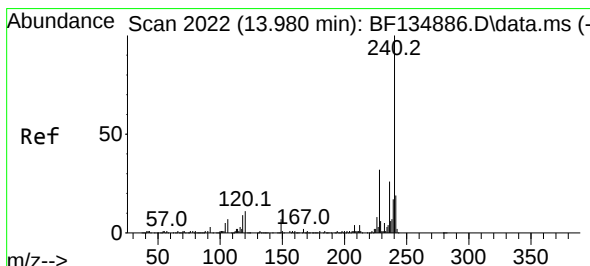
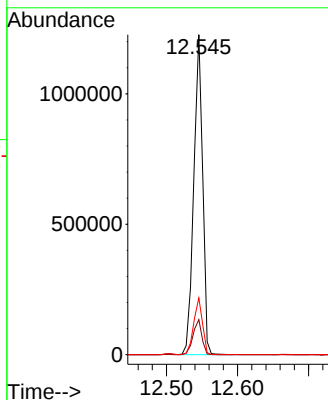
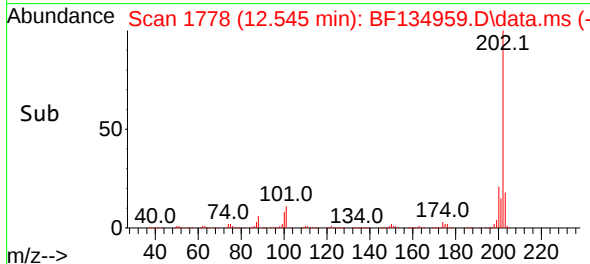
Instrument :
BNA_F
ClientSampleId :
PB155019BS



Tgt Ion:202 Resp: 106585
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.8 0.0 37.8

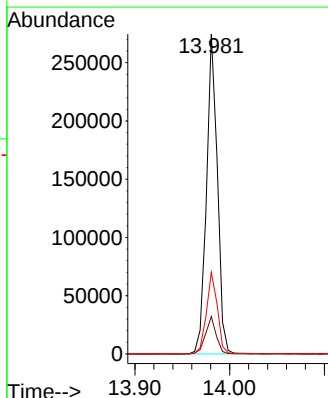
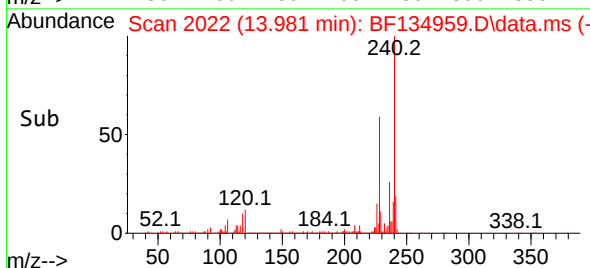
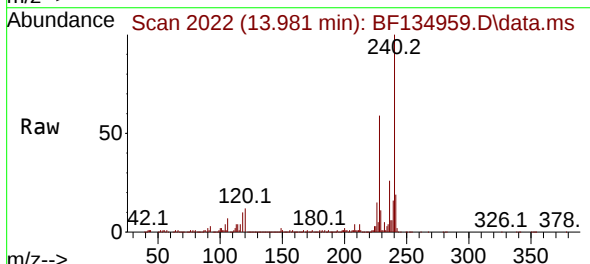
Manual Integrations
APPROVED

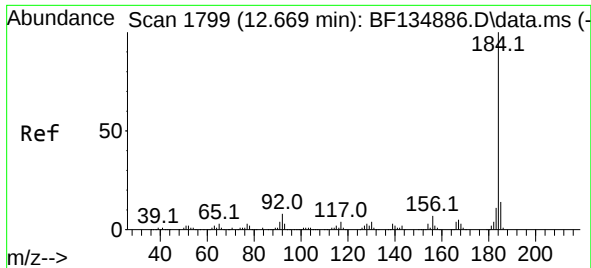
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.981 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

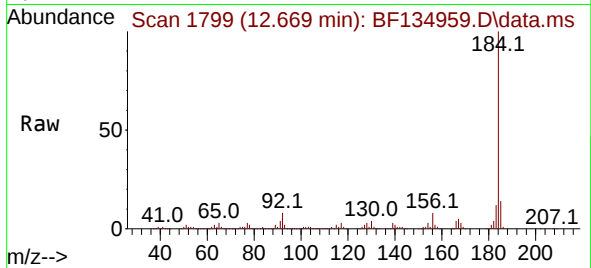
Tgt Ion:240 Resp: 218662
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.6 20.6 31.0





#77
Benzidine
Concen: 60.881 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

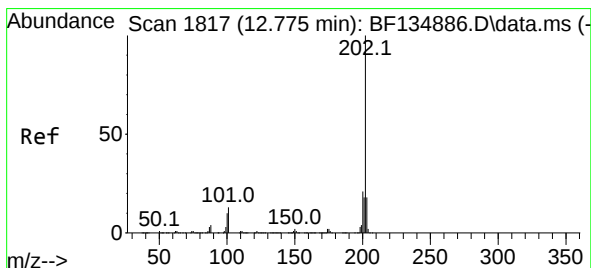
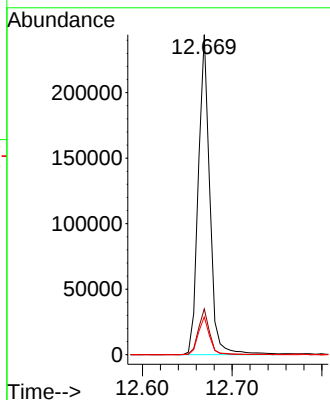
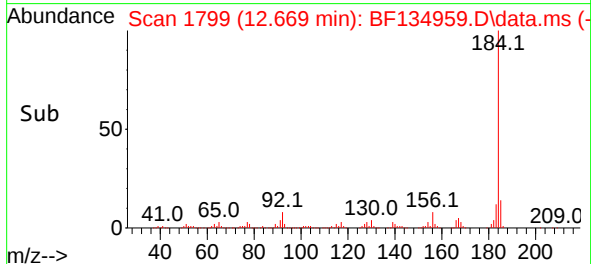
Instrument :
BNA_F
ClientSampleId :
PB155019BS



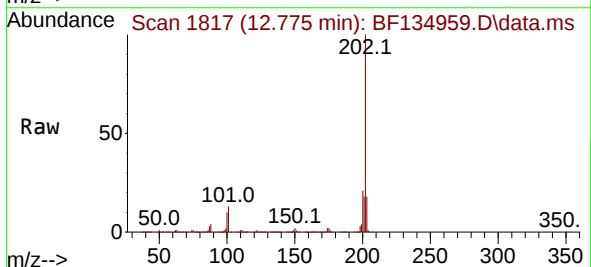
Tgt Ion:184 Resp: 215992
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.8 9.0 13.4

Manual Integrations
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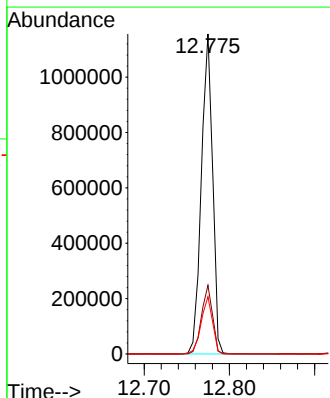
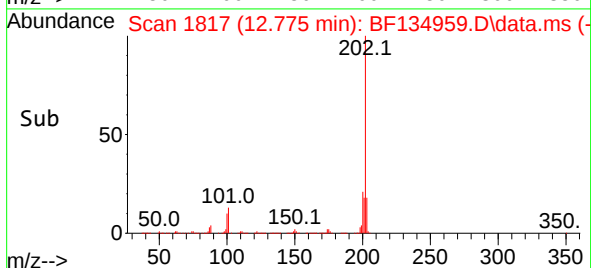
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

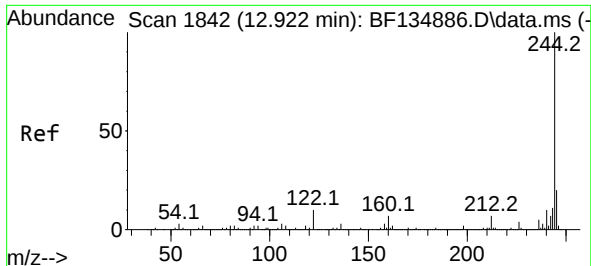


#78
Pyrene
Concen: 45.644 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59



Tgt Ion:202 Resp: 1058202
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.2 21.2





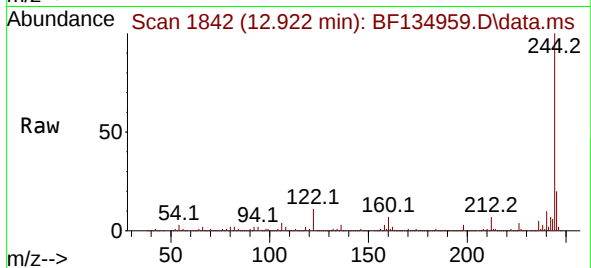
#79
 Terphenyl-d14
 Concen: 93.549 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

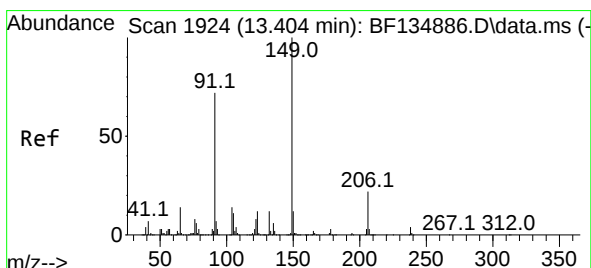
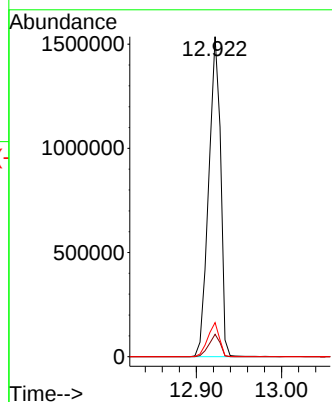
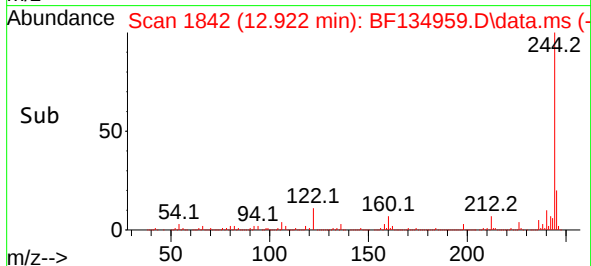


Tgt Ion:244 Resp: 148724
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.6 8.2 12.4

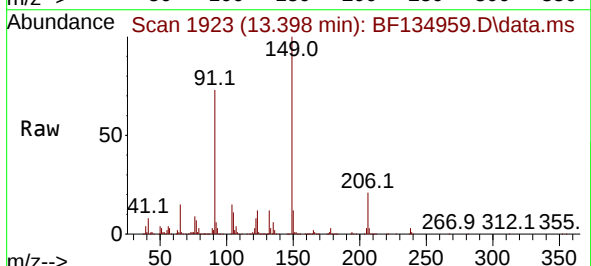
Manual Integrations

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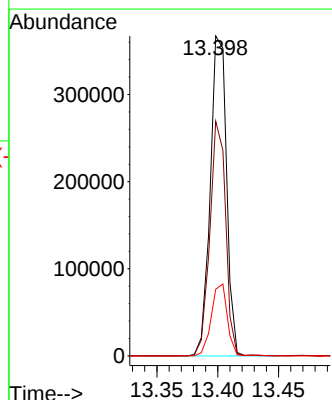
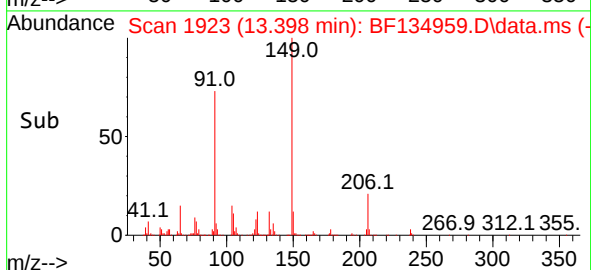
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

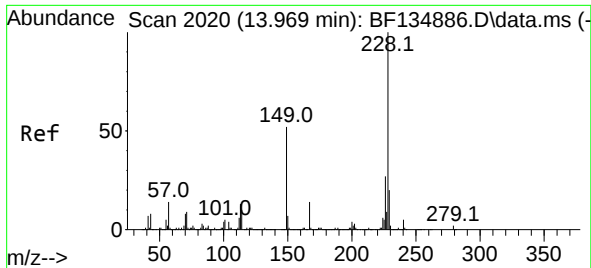


#80
 Butylbenzylphthalate
 Concen: 48.494 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF134959.D
 Acq: 28 Aug 2023 09:59



Tgt Ion:149 Resp: 342538
 Ion Ratio Lower Upper
 149 100
 91 73.3 57.2 85.8
 206 20.9 18.0 27.0





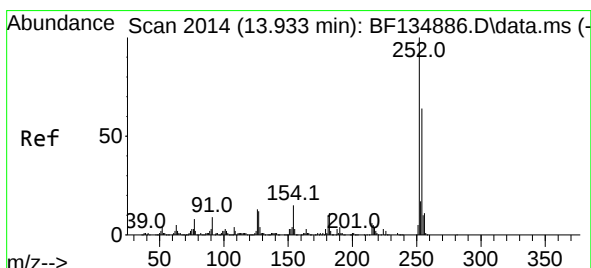
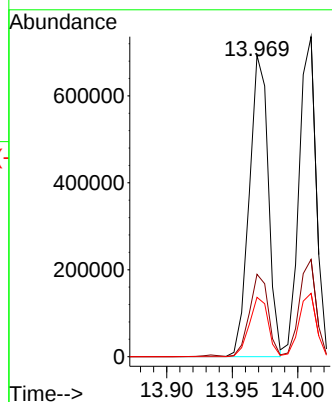
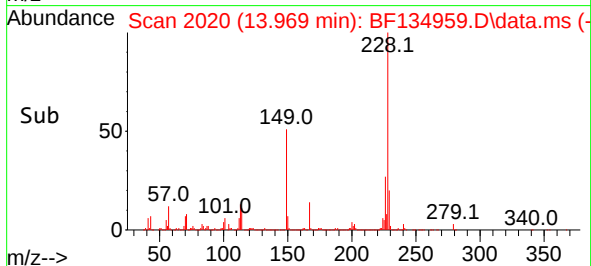
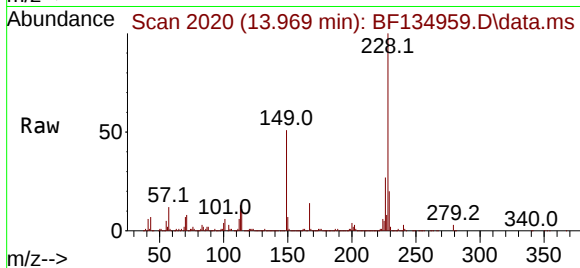
#81
Benzo(a)anthracene
Concen: 46.897 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion:228 Resp: 699652
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 19.7 15.6 23.4

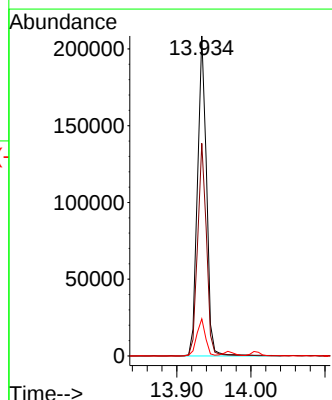
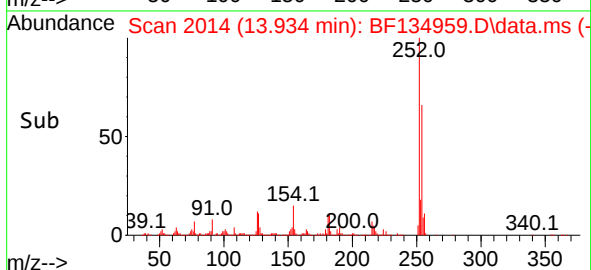
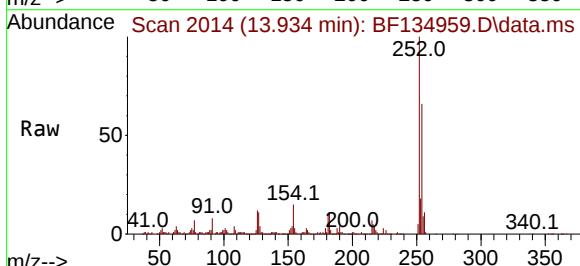
Manual Integrations
APPROVED

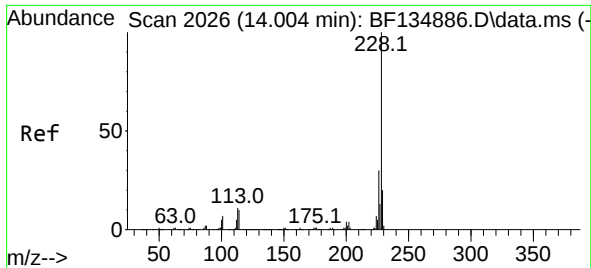
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.300 ng
RT: 13.934 min Scan# 2014
Delta R.T. 0.001 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:252 Resp: 176123
Ion Ratio Lower Upper
252 100
254 66.5 51.6 77.4
126 11.6 10.3 15.5





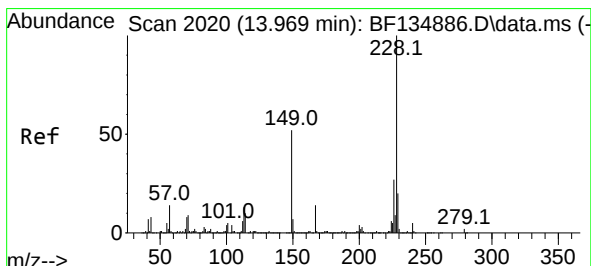
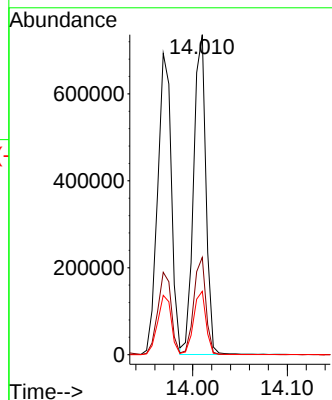
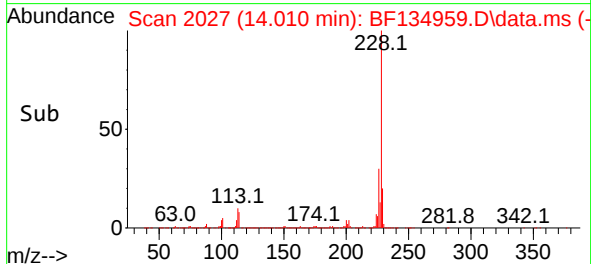
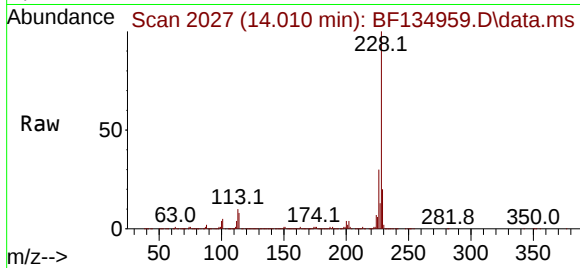
#83
Chrysene
Concen: 45.254 ng
RT: 14.010 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :
BNA_F
ClientSampleId :
PB155019BS

Tgt Ion:228 Resp: 666129
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.8 16.0 24.0

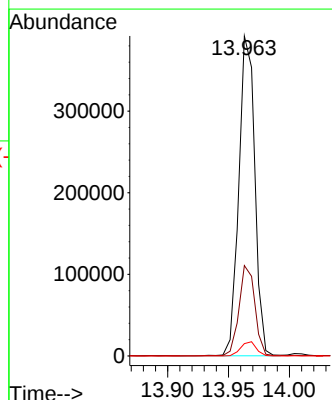
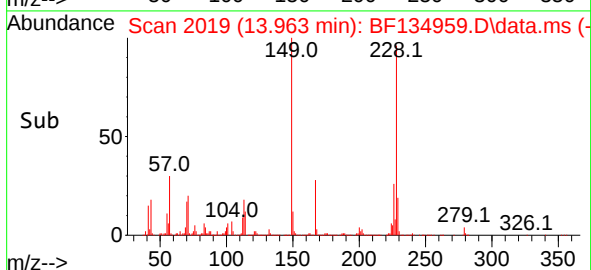
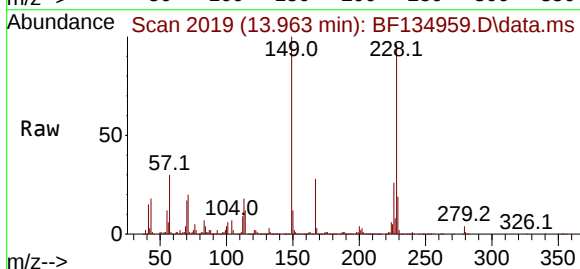
Manual Integrations
APPROVED

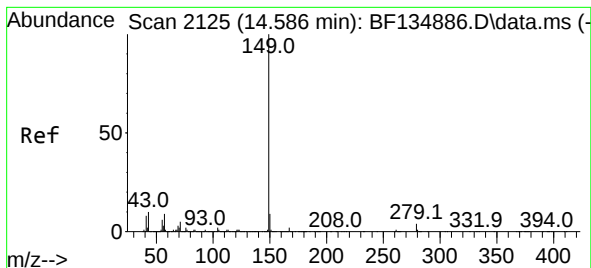
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.956 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:149 Resp: 359287
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 3.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.950 ng

RT: 14.581 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

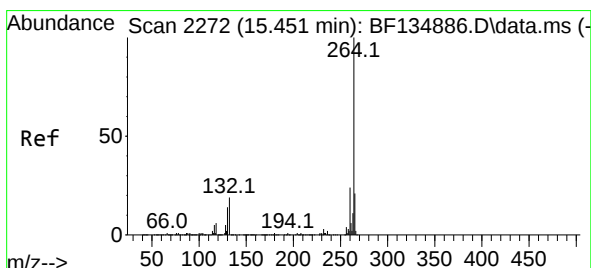
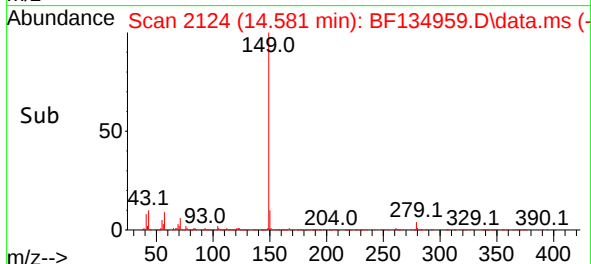
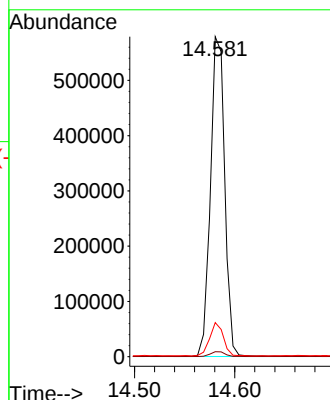
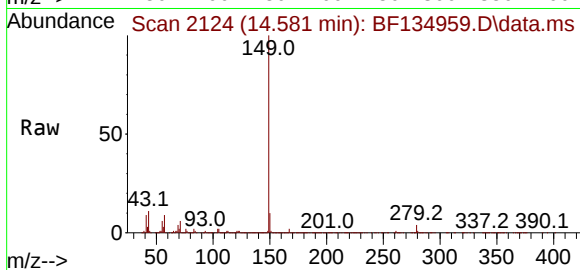
ClientSampleId :

PB155019BS

Tgt Ion:149 Resp: 573314
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.0 8.3 12.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023



#86

Perylene-d12

Concen: 20.000 ng

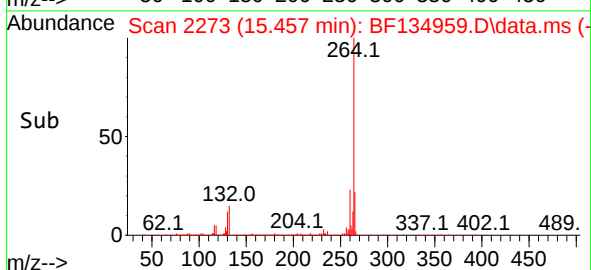
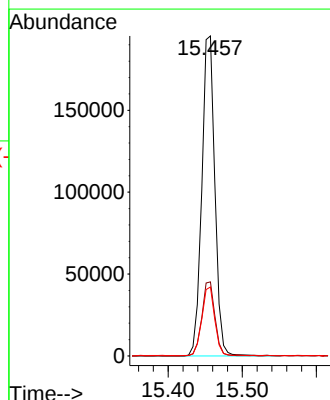
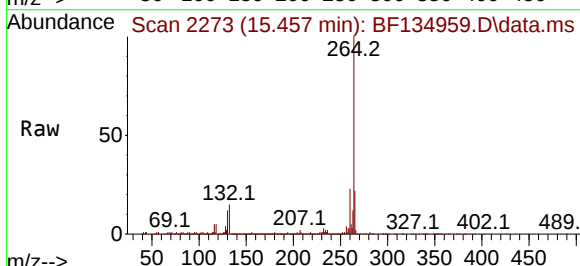
RT: 15.457 min Scan# 2273

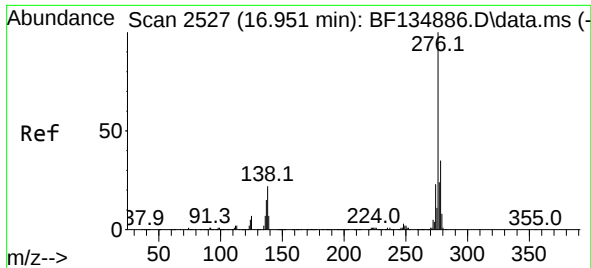
Delta R.T. 0.006 min

Lab File: BF134959.D

Acq: 28 Aug 2023 09:59

Tgt Ion:264 Resp: 240130
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.6 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.057 ng
RT: 16.963 min Scan# 2100
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

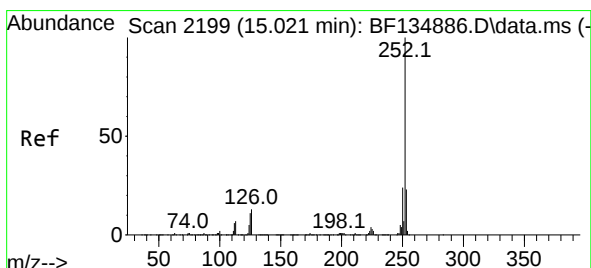
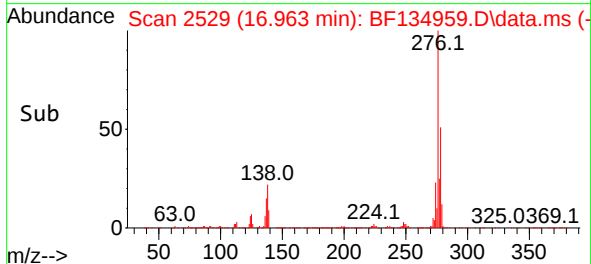
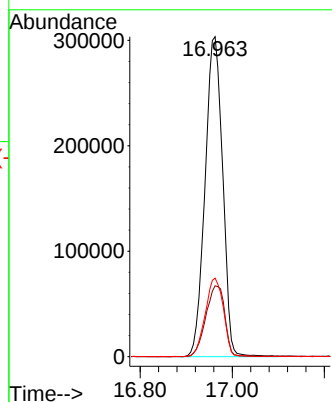
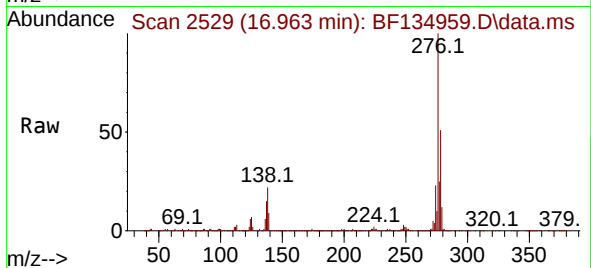
ClientSampleId :

PB155019BS

Tgt Ion:276 Resp: 807690
Ion Ratio Lower Upper
276 100
138 23.9 19.7 29.5
277 25.2 20.1 30.1

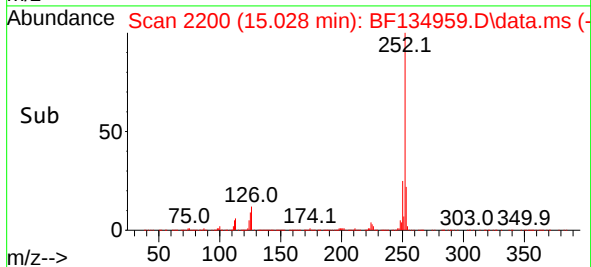
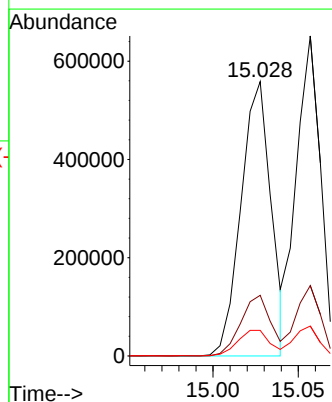
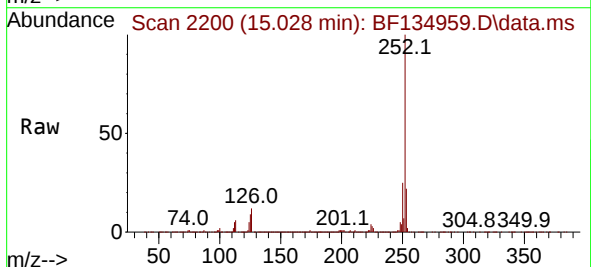
Manual Integrations
APPROVED

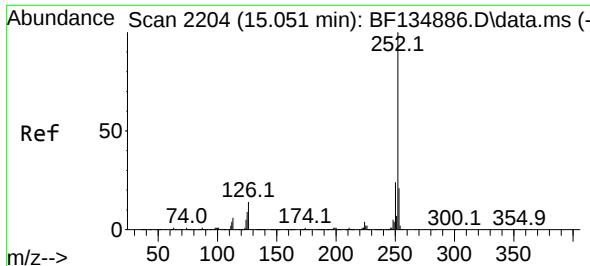
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#88
Benzo(b)fluoranthene
Concen: 50.557 ng
RT: 15.028 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:252 Resp: 684945
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.4 8.4 12.6





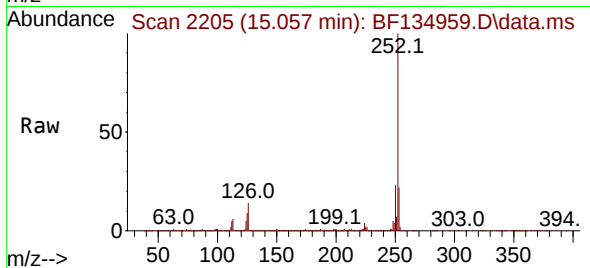
#89
Benzo(k)fluoranthene
Concen: 48.686 ng
RT: 15.057 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB155019BS

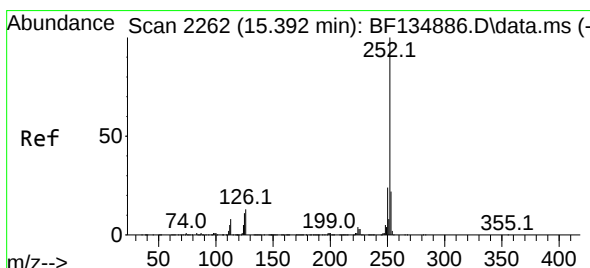
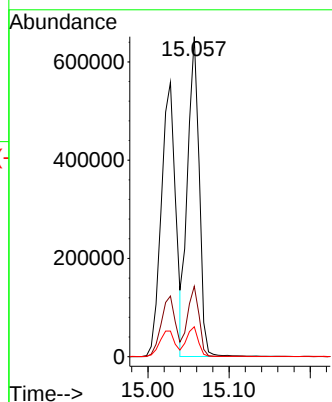
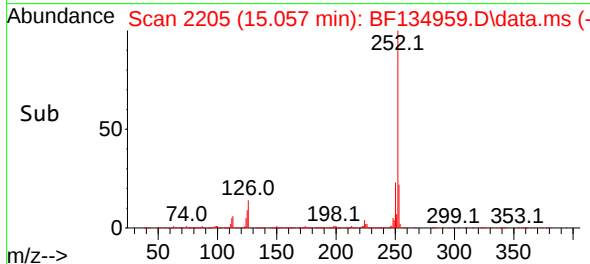


Tgt Ion:252 Resp: 647714
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.4 8.0 12.0

Manual Integrations

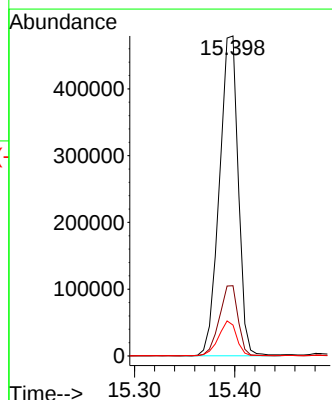
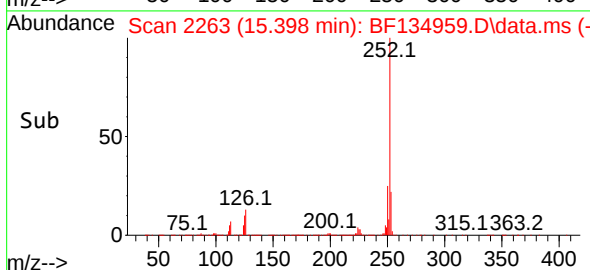
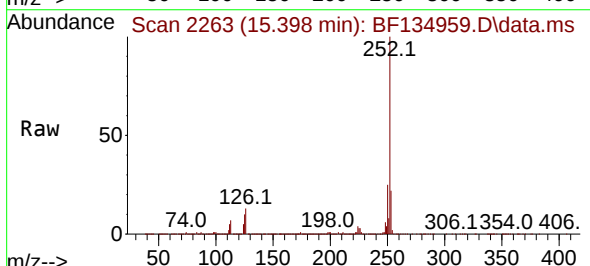
APPROVED

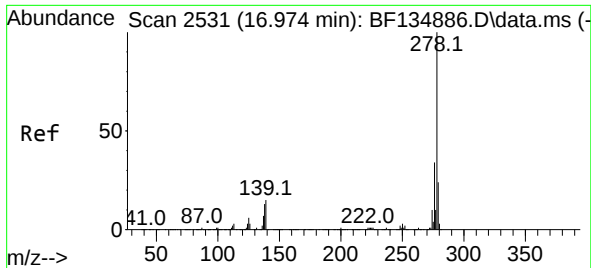
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#90
Benzo(a)pyrene
Concen: 46.256 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:252 Resp: 625593
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.7 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 46.796 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Instrument :

BNA_F

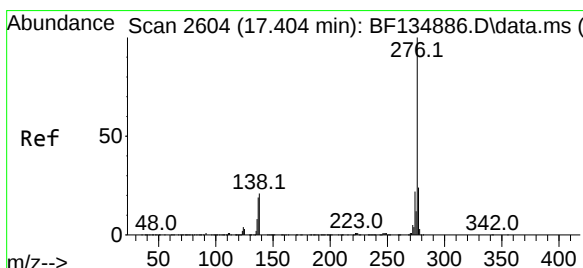
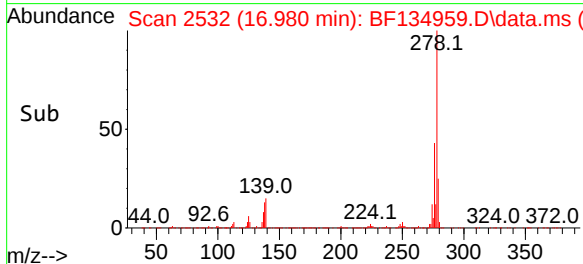
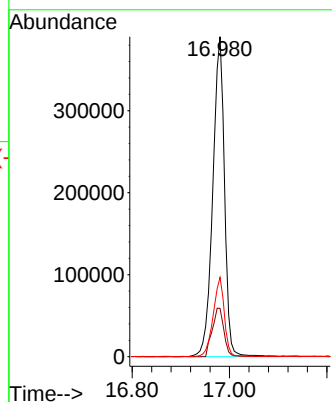
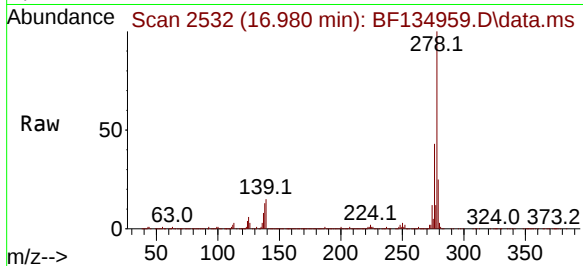
ClientSampleId :

PB155019BS

Tgt Ion:278 Resp: 649894
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 24.8 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#92
Benzo(g,h,i)perylene
Concen: 44.467 ng
RT: 17.416 min Scan# 2606
Delta R.T. 0.012 min
Lab File: BF134959.D
Acq: 28 Aug 2023 09:59

Tgt Ion:276 Resp: 632183
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 21.4 17.0 25.6

