

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082223\
 Data File : BF134889.D
 Acq On : 22 Aug 2023 16:46
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

Quant Time: Aug 22 19:03:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 17:47:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	176419	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	643201	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	323705	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	571426	20.000	ng	0.00
76) Chrysene-d12	13.986	240	264774	20.000	ng	0.00
86) Perylene-d12	15.457	264	333667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1455428	131.556	ng	0.00
7) Phenol-d6	6.451	99	1859780	131.557	ng	0.01
23) Nitrobenzene-d5	7.375	82	1683735	144.247	ng	0.01
42) 2,4,6-Tribromophenol	10.639	330	554687	145.494	ng	0.01
45) 2-Fluorobiphenyl	9.163	172	2633271	125.790	ng	0.00
79) Terphenyl-d14	12.927	244	2400225	120.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	342659	71.369	ng	99
3) Pyridine	3.299	79	962734	74.409	ng	98
4) n-Nitrosodimethylamine	3.281	42	429568	75.092	ng	98
6) Aniline	6.481	93	1177151	67.373	ng	99
8) 2-Chlorophenol	6.593	128	763324	65.754	ng	96
9) Benzaldehyde	6.357	77	478097	61.779	ng	99
10) Phenol	6.463	94	930585	64.295	ng	89
11) bis(2-Chloroethyl)ether	6.545	93	755888	68.849	ng	100
12) 1,3-Dichlorobenzene	6.740	146	809980	66.899	ng	98
13) 1,4-Dichlorobenzene	6.816	146	800280	66.039	ng	98
14) 1,2-Dichlorobenzene	6.969	146	705025	60.591	ng	99
15) Benzyl Alcohol	6.951	79	628579	63.994	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1054429	66.323	ng	98
17) 2-Methylphenol	7.063	107	702870	69.960	ng	94
18) Hexachloroethane	7.304	117	301105	68.655	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	563192	68.213	ng	97
20) 3+4-Methylphenols	7.222	107	713352	79.785	ng	92
22) Acetophenone	7.222	105	966940	68.016	ng	96
24) Nitrobenzene	7.392	77	838249	71.568	ng	98
25) Isophorone	7.634	82	1657863	76.062	ng	100
26) 2-Nitrophenol	7.698	139	442907	75.956	ng	99
27) 2,4-Dimethylphenol	7.739	122	709609	74.612	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	946708	72.876	ng	99
29) 2,4-Dichlorophenol	7.939	162	679369	72.296	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	700916	70.258	ng	98
31) Naphthalene	8.104	128	2180229	67.884	ng	99
32) Benzoic acid	7.910	122	596894	85.206	ng	94
33) 4-Chloroaniline	8.157	127	959468	69.628	ng	99
34) Hexachlorobutadiene	8.216	225	423426	71.364	ng	98
35) Caprolactam	8.563	113	228819m	78.249	ng	
36) 4-Chloro-3-methylphenol	8.645	107	734682	74.087	ng	98
37) 2-Methylnaphthalene	8.792	142	1460357	68.183	ng	99
38) 1-Methylnaphthalene	8.892	142	1362404	68.026	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	687618	69.711	ng	100
41) Hexachlorocyclopentadiene	8.945	237	391873	85.615	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	478423	73.441	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	541487	71.796	ng	98
46) 1,1'-Biphenyl	9.263	154	1705279	66.728	ng	99
47) 2-Chloronaphthalene	9.286	162	1304937	68.374	ng	97
48) 2-Nitroaniline	9.386	65	479669	76.457	ng	97
49) Acenaphthylene	9.704	152	1949029	66.313	ng	99
50) Dimethylphthalate	9.575	163	1683180	73.049	ng	99
51) 2,6-Dinitrotoluene	9.639	165	380993	74.969	ng	99
52) Acenaphthene	9.875	154	1243743	67.172	ng	99
53) 3-Nitroaniline	9.810	138	414456	74.667	ng	99
54) 2,4-Dinitrophenol	9.910	184	220328	80.879	ng	# 86
55) Dibenzofuran	10.051	168	1720577	63.825	ng	97
56) 4-Nitrophenol	9.975	139	311613	80.557	ng	94
57) 2,4-Dinitrotoluene	10.039	165	428877	68.239	ng	# 86
58) Fluorene	10.392	166	1317242	62.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	416256	70.839	ng	99
60) Diethylphthalate	10.275	149	1483376	70.267	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	658957	62.254	ng	99
62) 4-Nitroaniline	10.433	138	394241	75.977	ng	96
63) Azobenzene	10.545	77	1463720	69.795	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	289913	85.982	ng	87
66) n-Nitrosodiphenylamine	10.510	169	1285690	69.869	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	479839	72.785	ng	99
68) Hexachlorobenzene	10.939	284	506253	72.204	ng	100
70) Pentachlorophenol	11.133	266	325396	77.117	ng	98
71) Phenanthrene	11.357	178	2037596	68.047	ng	99
72) Anthracene	11.410	178	2066871	67.368	ng	99
73) Carbazole	11.569	167	1740172	68.833	ng	99
74) Di-n-butylphthalate	11.904	149	1983640	68.413	ng	99
75) Fluoranthene	12.551	202	1878908	66.224	ng	99
77) Benzidine	12.674	184	202240	47.077	ng	98
78) Pyrene	12.780	202	1864330	66.410	ng	99
80) Butylbenzylphthalate	13.410	149	622529	72.784	ng	97
81) Benzo(a)anthracene	13.974	228	1282686	71.004	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	418829	73.253	ng	99
83) Chrysene	14.016	228	1297267	72.782	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	650765	70.239	ng	100
85) Di-n-octyl phthalate	14.592	149	1222035	80.886	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	1811765	75.964	ng	99
88) Benzo(b)fluoranthene	15.033	252	1441167	76.555	ng	98
89) Benzo(k)fluoranthene	15.063	252	1336344	72.290	ng	98
90) Benzo(a)pyrene	15.404	252	1407024	74.870	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	1443614	74.808	ng	100
92) Benzo(g,h,i)perylene	17.427	276	1506024	76.236	ng	99

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

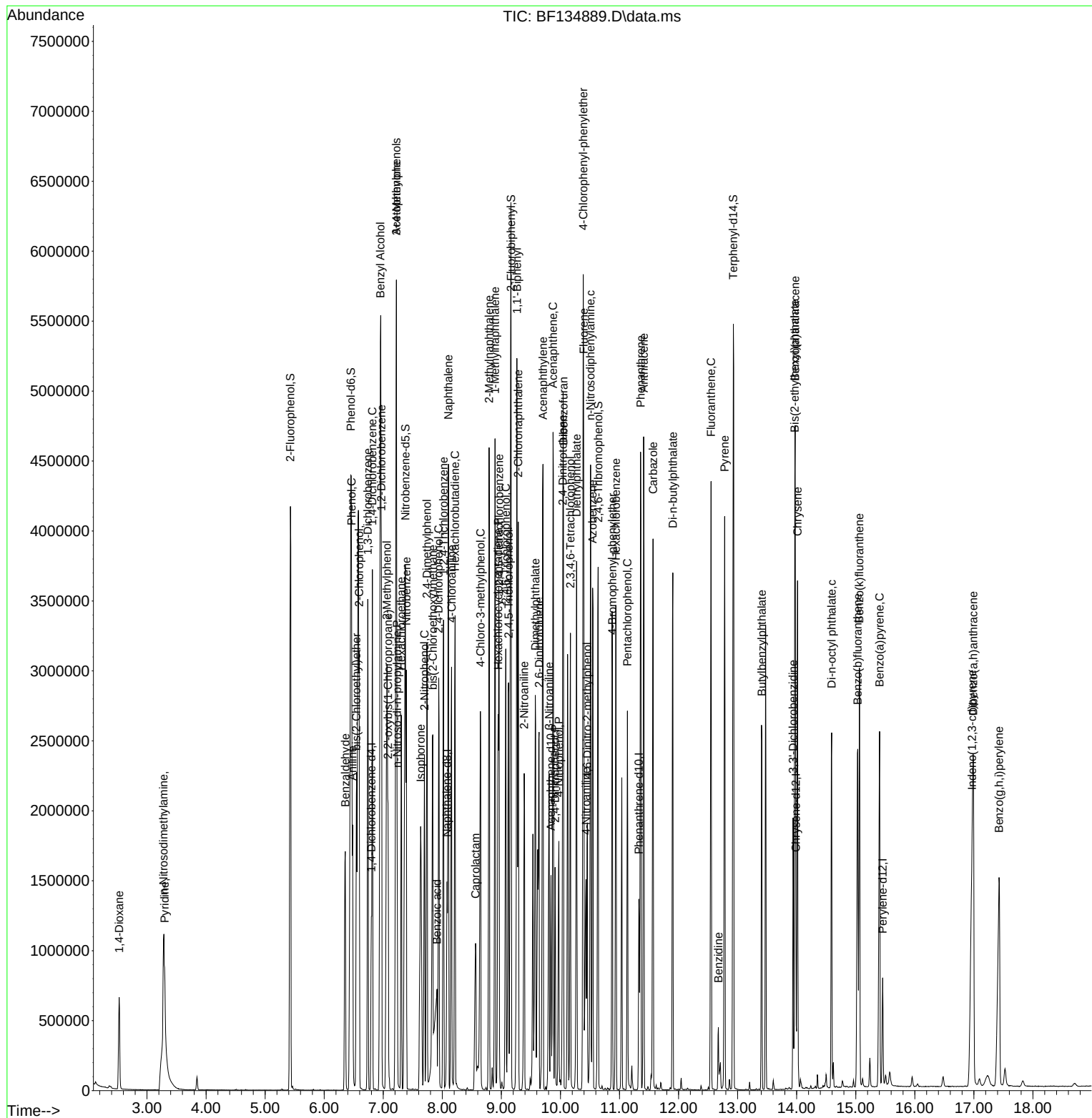
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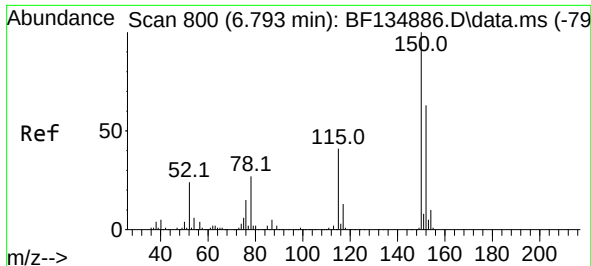
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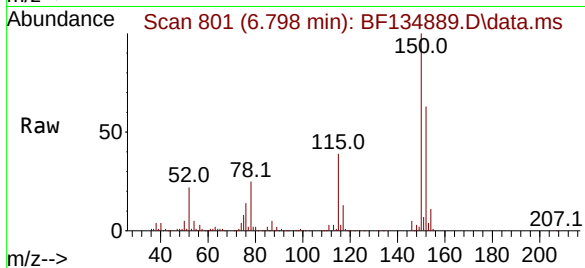
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. 0.005 min
 Lab File: BF134889.D
 Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

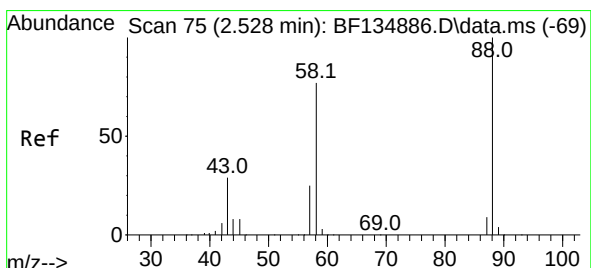
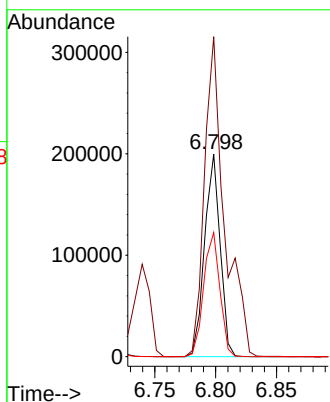
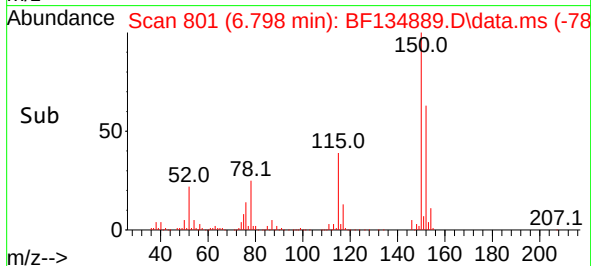


Tgt Ion:152 Resp: 176419
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.1 189.1
 115 61.3 51.1 76.7

Manual Integrations

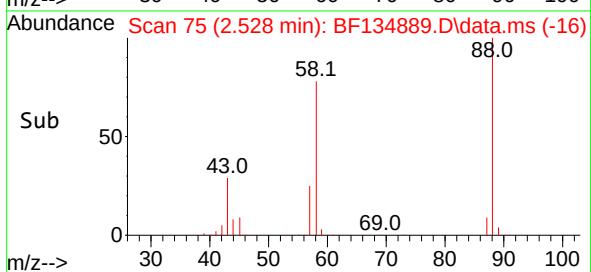
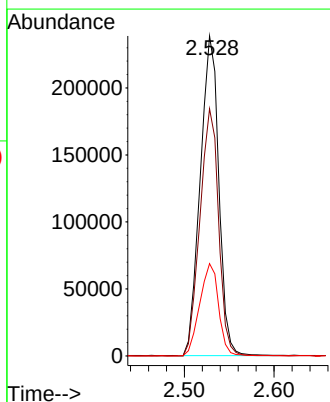
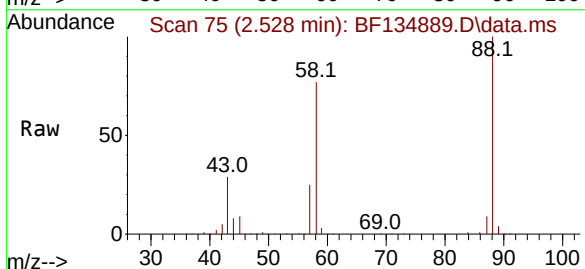
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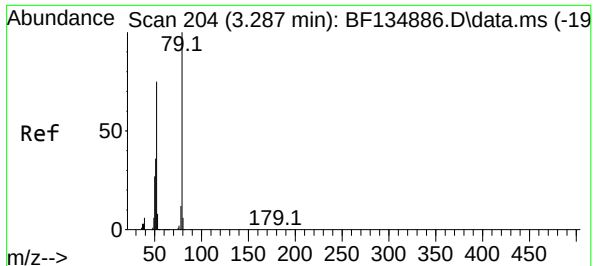
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#2
 1,4-Dioxane
 Concen: 71.369 ng
 RT: 2.528 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BF134889.D
 Acq: 22 Aug 2023 16:46

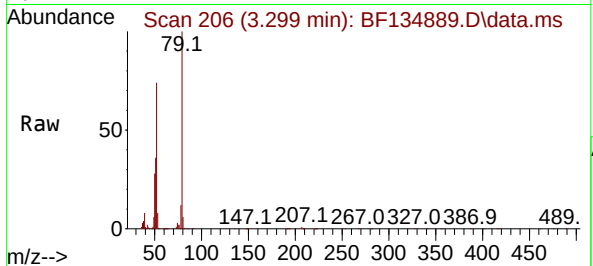
Tgt Ion: 88 Resp: 342659
 Ion Ratio Lower Upper
 88 100
 58 77.8 62.6 93.8
 43 29.4 23.3 34.9





#3
Pyridine
Concen: 74.409 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

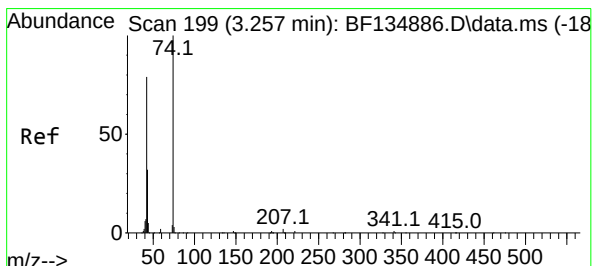
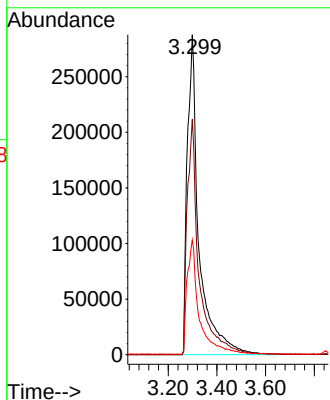
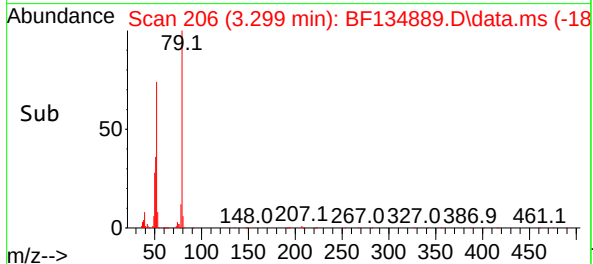
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



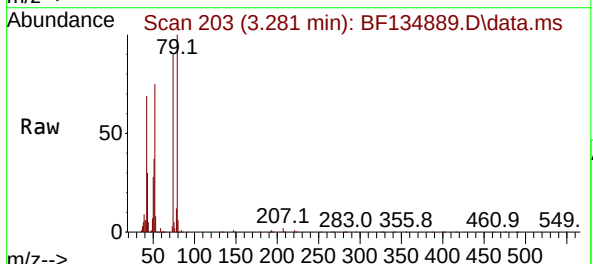
Tgt Ion: 79 Resp: 962734
Ion Ratio Lower Upper
79 100
52 73.5 60.1 90.1
51 35.9 29.4 44.0

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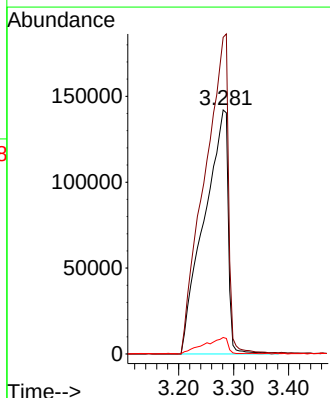
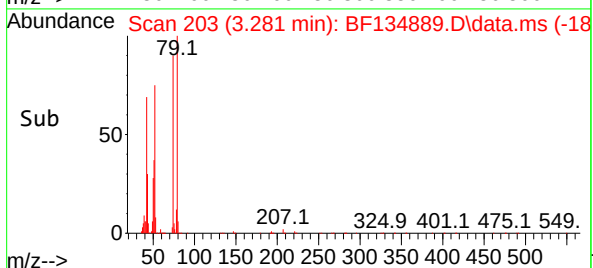
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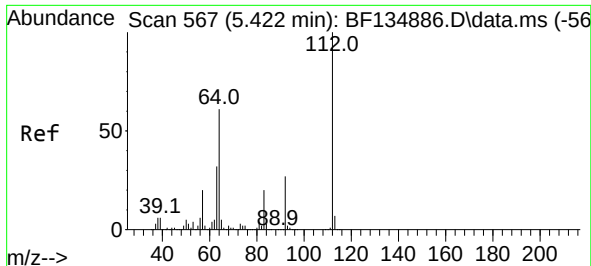


#4
n-Nitrosodimethylamine
Concen: 75.092 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.023 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion: 42 Resp: 429568
Ion Ratio Lower Upper
42 100
74 129.8 101.8 152.8
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 131.556 ng
RT: 5.428 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

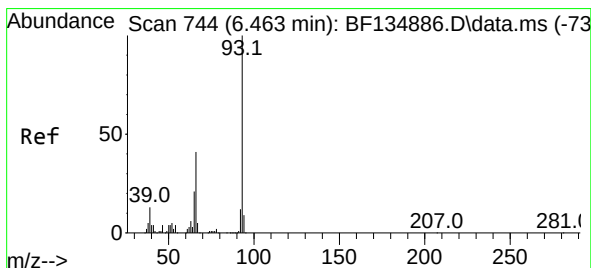
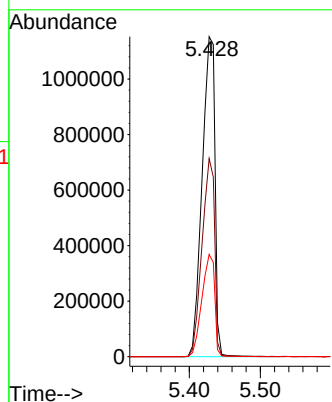
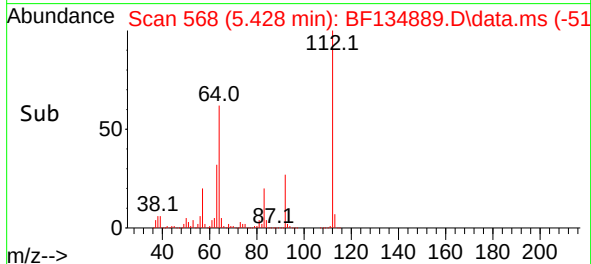
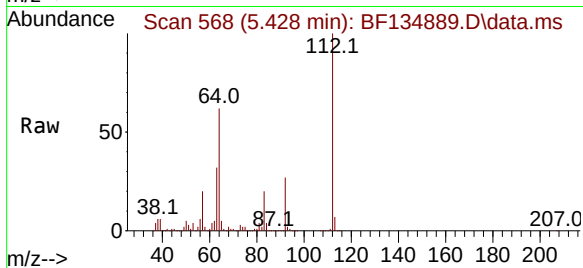
SSTDICC080

Tgt Ion:112 Resp: 1455428
Ion Ratio Lower Upper
112 100
64 61.9 48.6 73.0
63 32.0 25.7 38.5

Manual Integrations

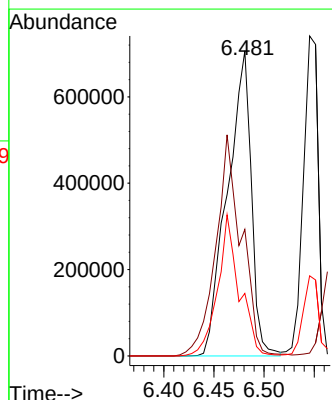
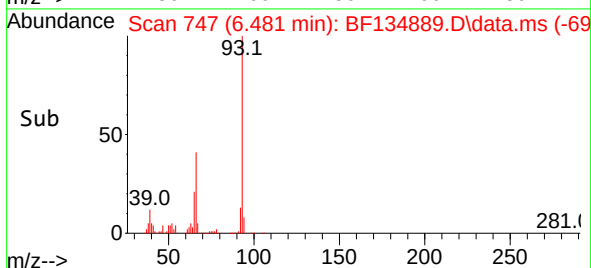
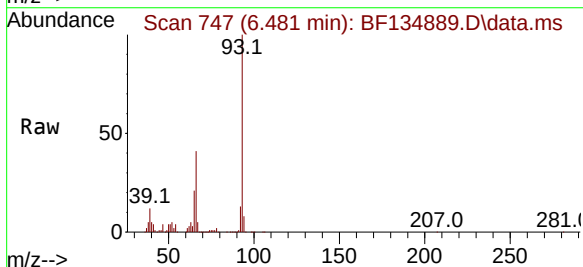
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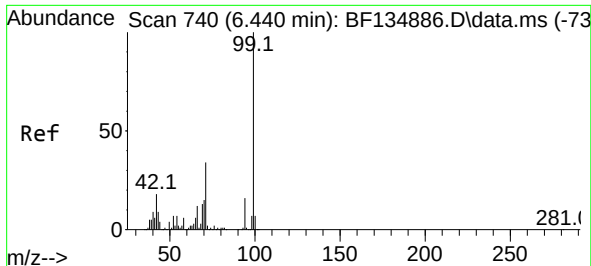
Reviewed By :Yogesh Patel 08/23/2023
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#6
Aniline
Concen: 67.373 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.018 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

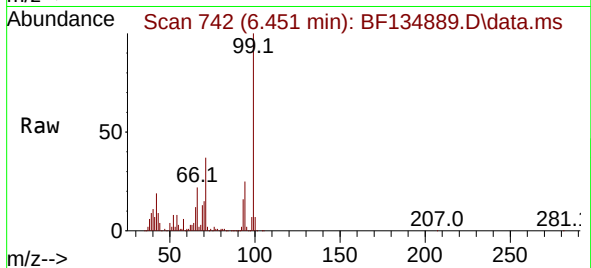
Tgt Ion: 93 Resp: 1177151
Ion Ratio Lower Upper
93 100
66 41.5 32.7 49.1
65 20.5 16.7 25.1





#7
Phenol-d6
Concen: 131.557 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

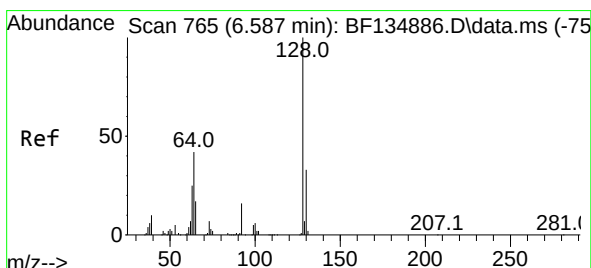
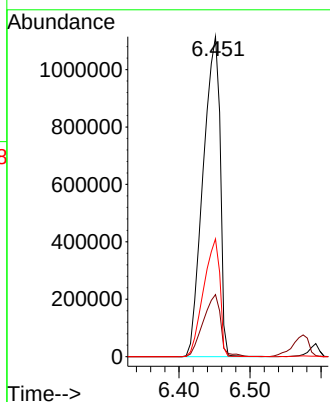
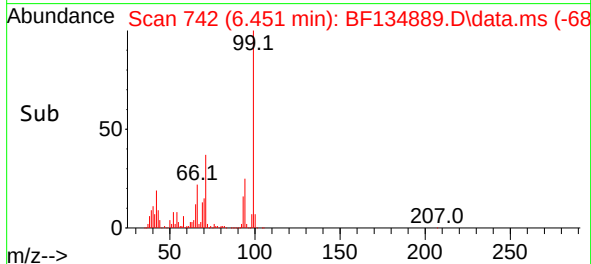
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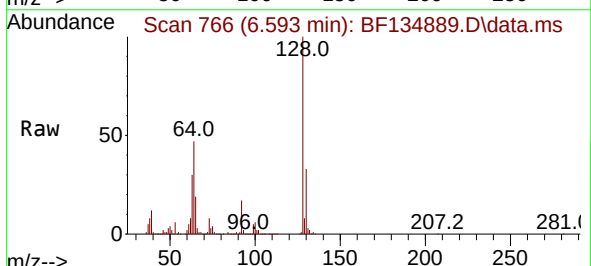
Tgt Ion: 99 Resp: 1859780
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 36.8 27.6 41.4

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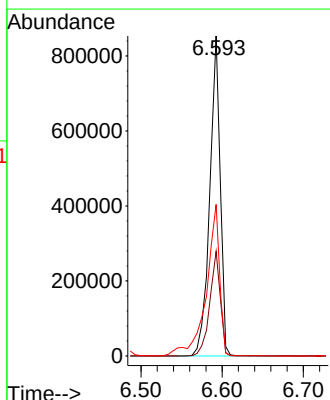
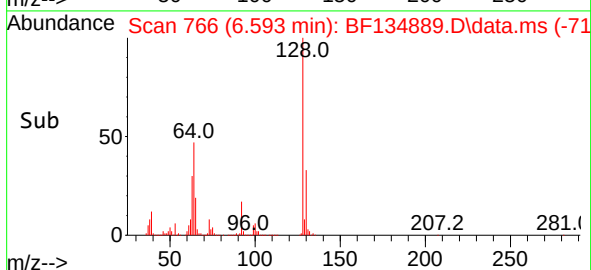
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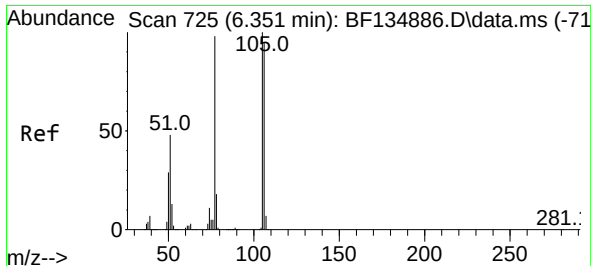


#8
2-Chlorophenol
Concen: 65.754 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:128 Resp: 763324
Ion Ratio Lower Upper
128 100
130 32.7 13.0 53.0
64 47.4 23.4 63.4





#9

Benzaldehyde

Concen: 61.779 ng

RT: 6.357 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF134889.D

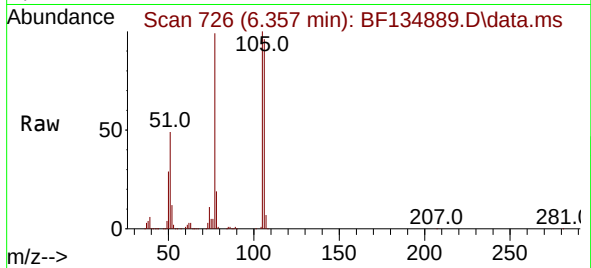
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

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Tgt Ion: 77 Resp: 47809

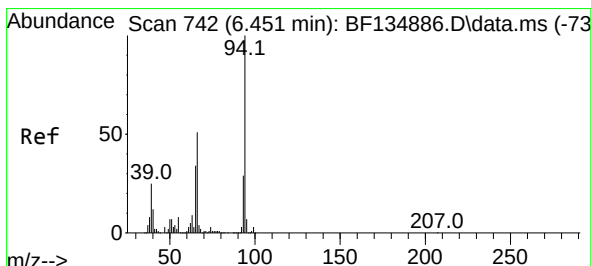
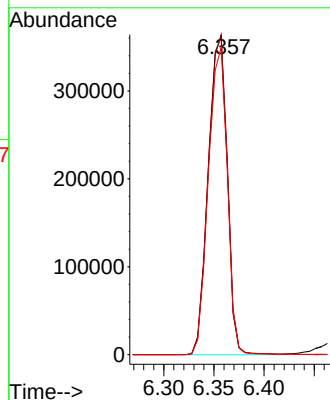
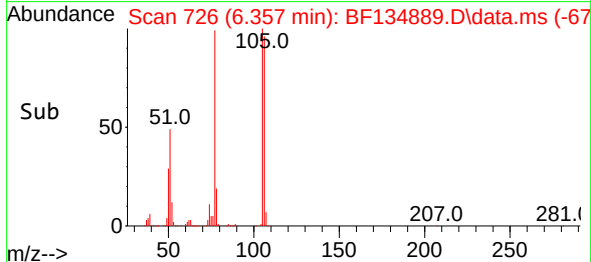
Ion	Ratio	Lower	Upper
77	100		
105	100.7	82.4	122.4
106	96.7	77.2	117.2

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#10

Phenol

Concen: 64.295 ng

RT: 6.463 min Scan# 744

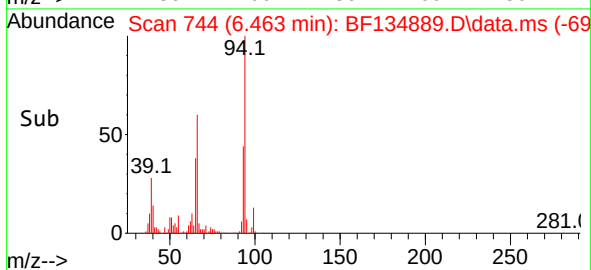
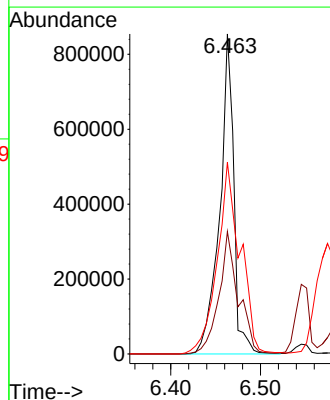
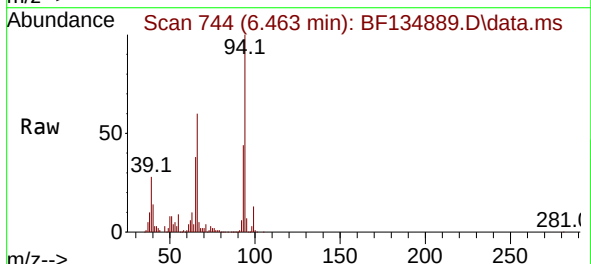
Delta R.T. 0.012 min

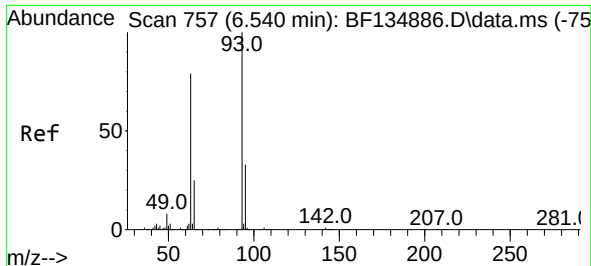
Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Tgt Ion: 94 Resp: 930585

Ion	Ratio	Lower	Upper
94	100		
65	38.3	14.0	54.0
66	59.9	31.1	71.1





#11

bis(2-Chloroethyl)ether

Concen: 68.849 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.006 min

Lab File: BF134889.D

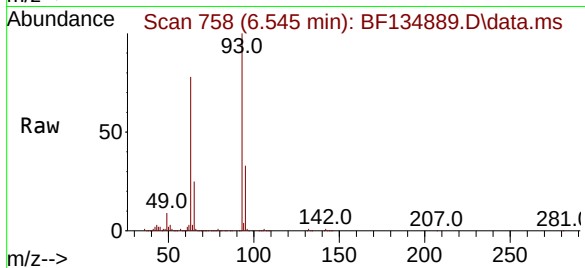
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 93 Resp: 75588

Ion Ratio Lower Upper

93 100

63 78.5 58.7 98.7

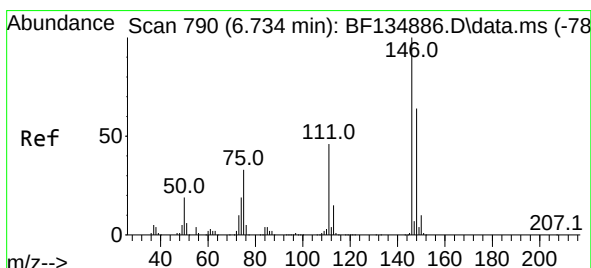
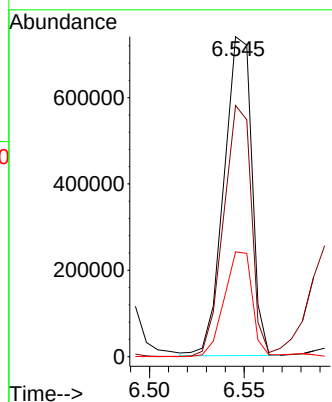
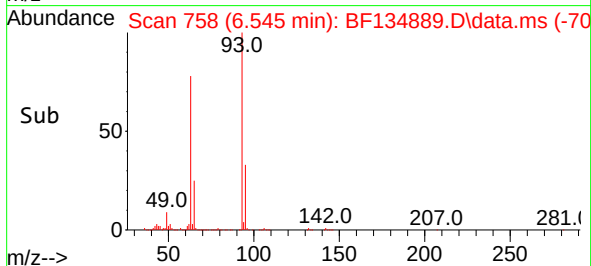
95 32.8 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#12

1,3-Dichlorobenzene

Concen: 66.899 ng

RT: 6.740 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

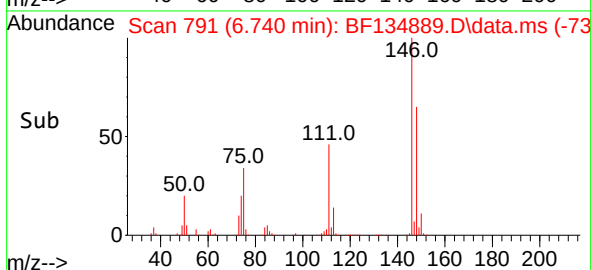
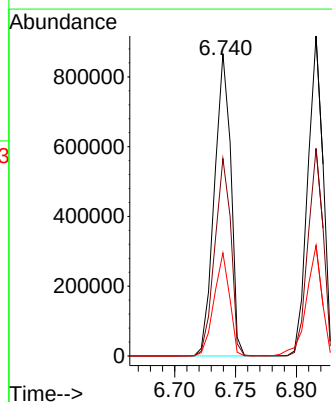
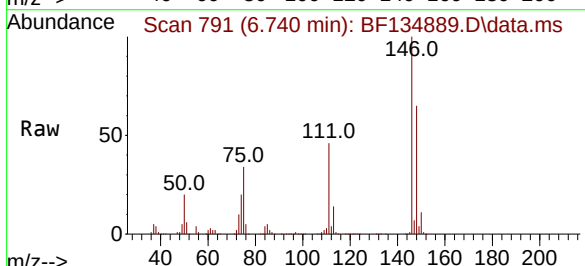
Tgt Ion:146 Resp: 809980

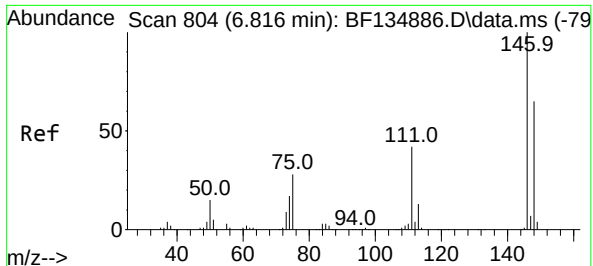
Ion Ratio Lower Upper

146 100

148 65.3 51.2 76.8

75 34.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 66.039 ng

RT: 6.816 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 800280

Ion Ratio Lower Upper

146 100

148 64.9 52.1 78.1

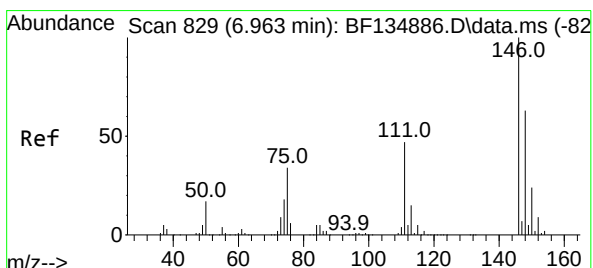
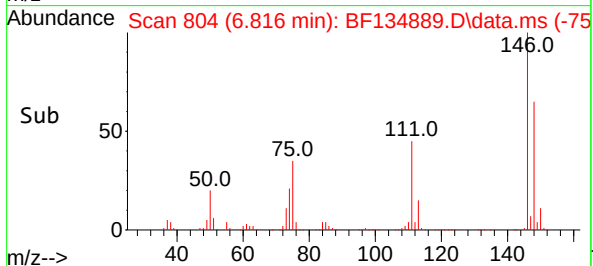
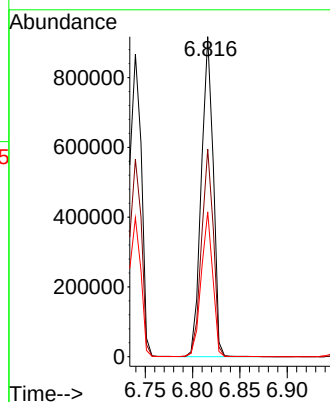
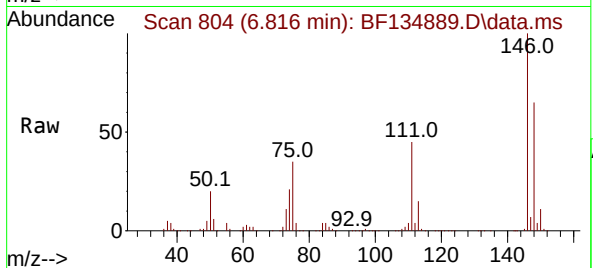
111 45.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#14

1,2-Dichlorobenzene

Concen: 60.591 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

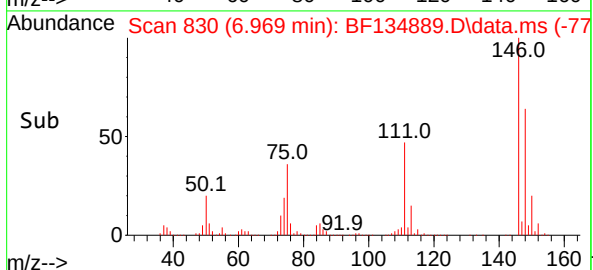
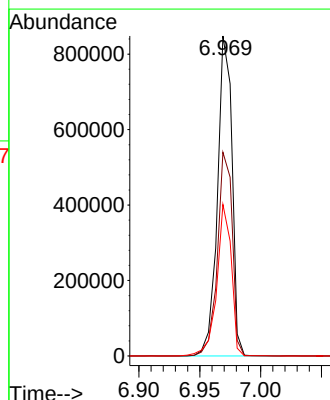
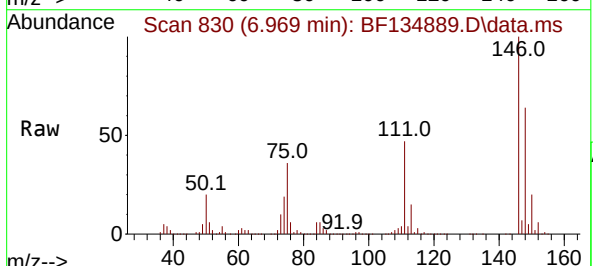
Tgt Ion:146 Resp: 705025

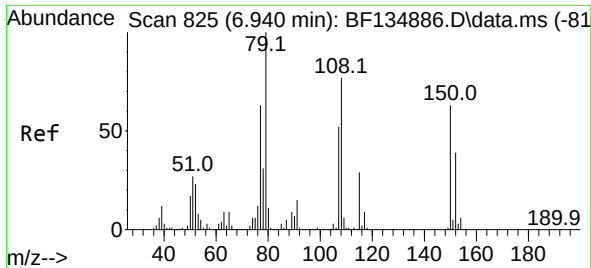
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

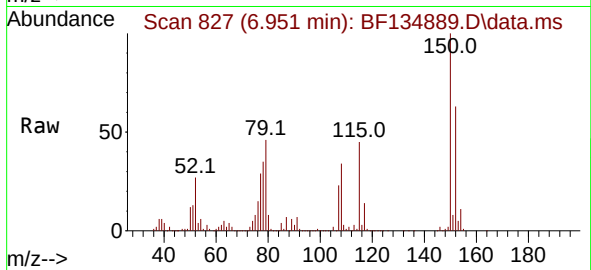
111 47.4 37.5 56.3





#15
Benzyl Alcohol
Concen: 63.994 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.011 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

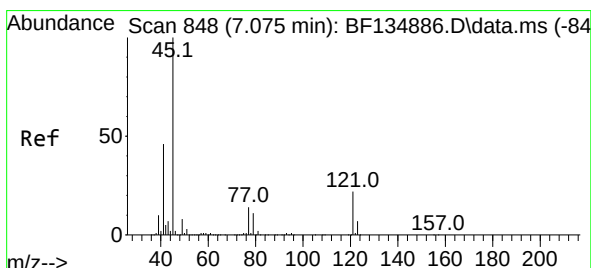
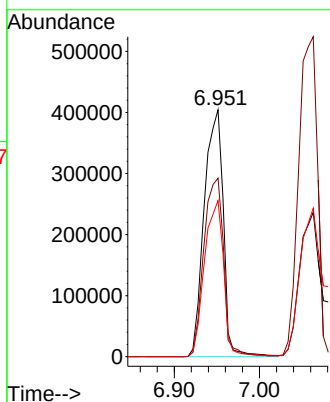
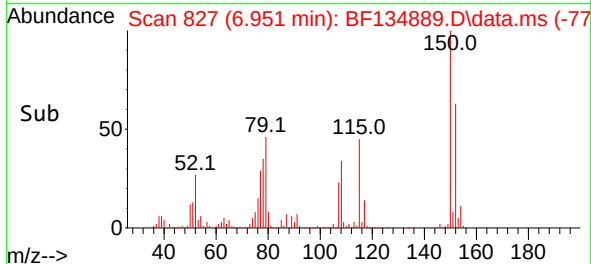
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



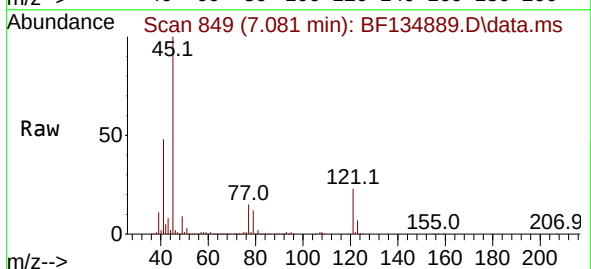
Tgt Ion: 79 Resp: 628579
Ion Ratio Lower Upper
79 100
108 72.3 61.4 92.2
77 63.2 50.1 75.1

Manual Integrations
APPROVED

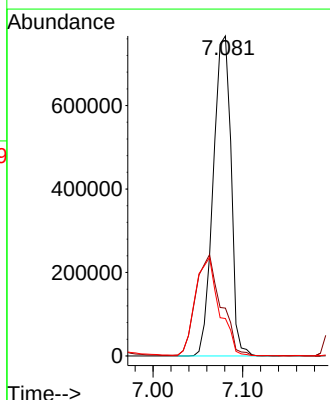
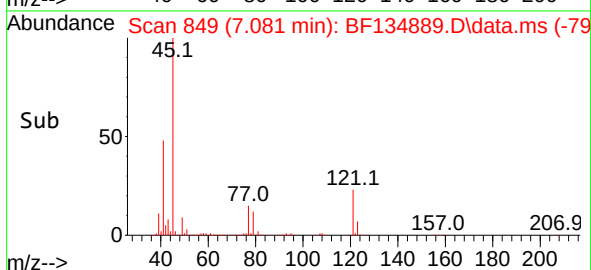
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

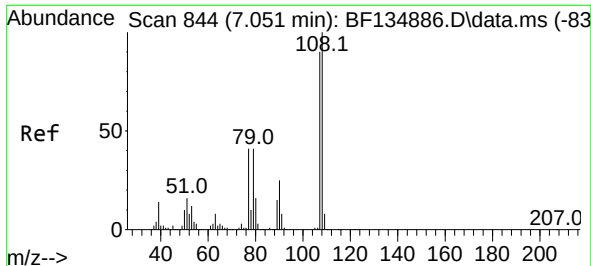


#16
2,2'-oxybis(1-Chloropropane)
Concen: 66.323 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion: 45 Resp: 1054429
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.9
79 11.7 0.0 31.1





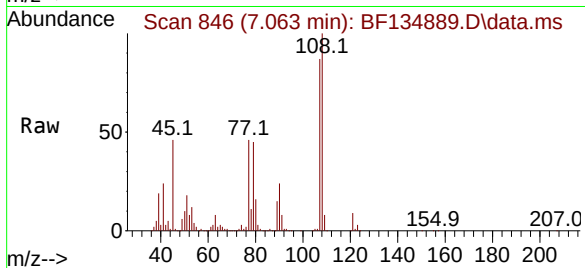
#17
2-Methylphenol
Concen: 69.960 ng
RT: 7.063 min Scan# 844
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

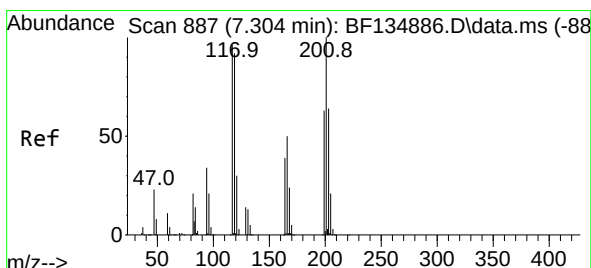
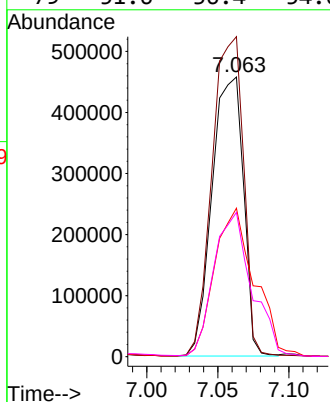
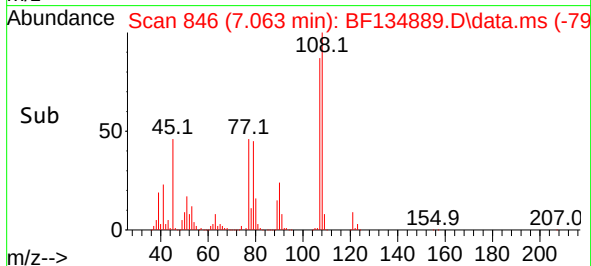


Tgt Ion:107 Resp: 702870
Ion Ratio Lower Upper
107 100
108 114.4 89.0 133.6
77 53.1 36.5 54.7
79 51.6 36.4 54.6

Manual Integrations

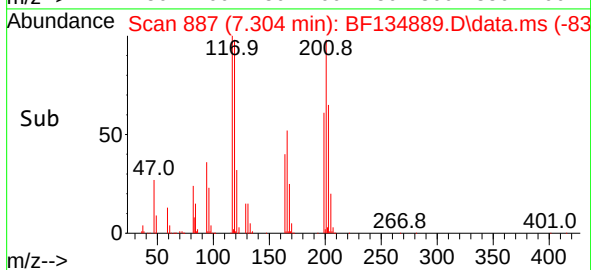
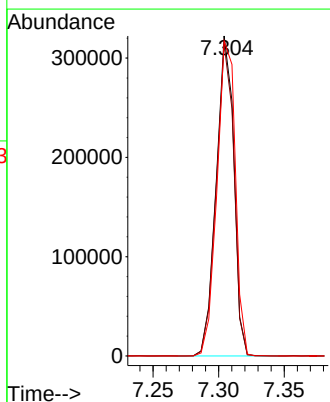
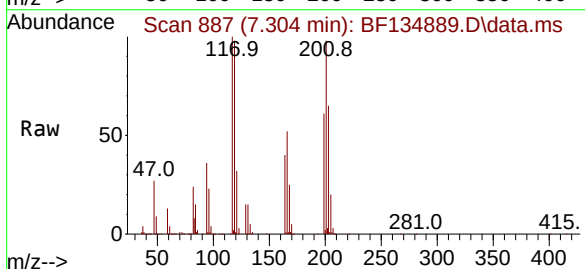
APPROVED

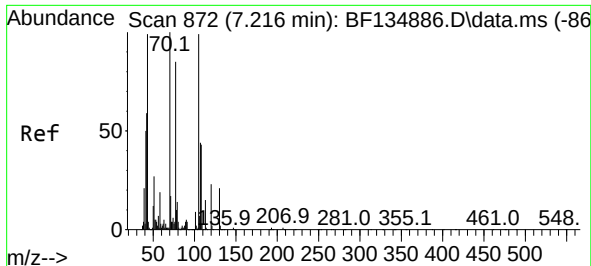
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#18
Hexachloroethane
Concen: 68.655 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

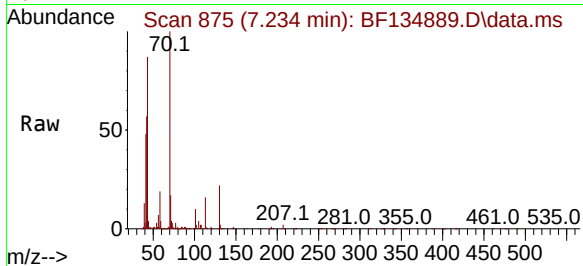
Tgt Ion:117 Resp: 301105
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8
201 98.5 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 68.213 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

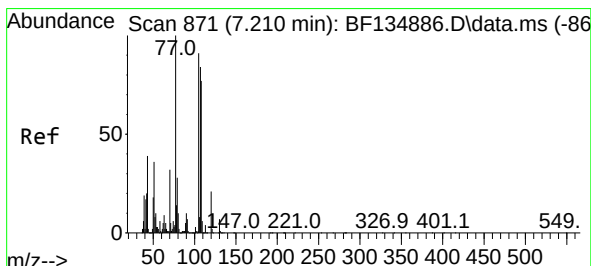
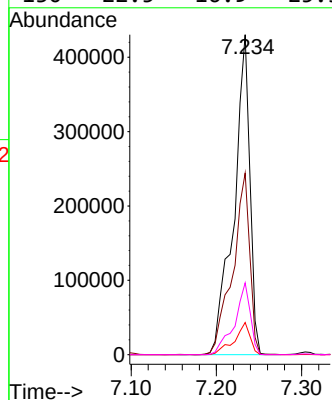
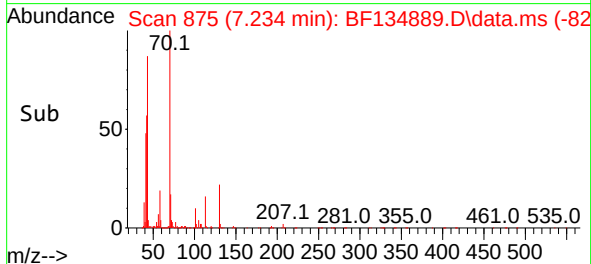
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



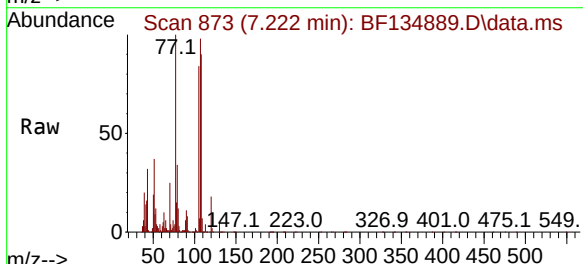
Tgt Ion: 70 Resp: 563192
Ion Ratio Lower Upper
70 100
42 56.7 46.9 70.3
101 10.1 7.5 11.3
130 22.5 16.9 25.3

Manual Integrations
APPROVED

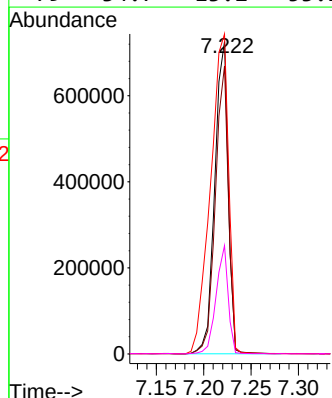
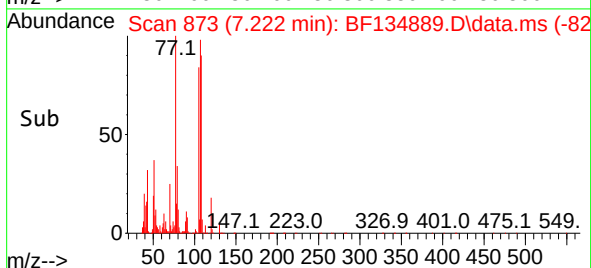
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

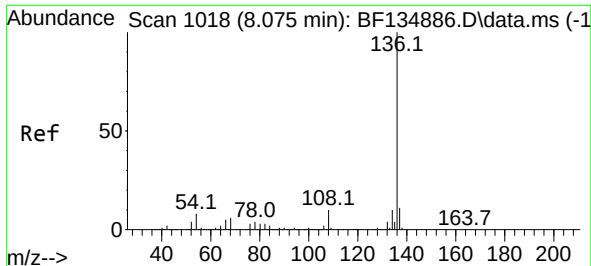


#20
3+4-Methylphenols
Concen: 79.785 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:107 Resp: 713352
Ion Ratio Lower Upper
107 100
108 92.2 71.7 111.7
77 102.5 98.4 138.4
79 34.7 13.2 53.2





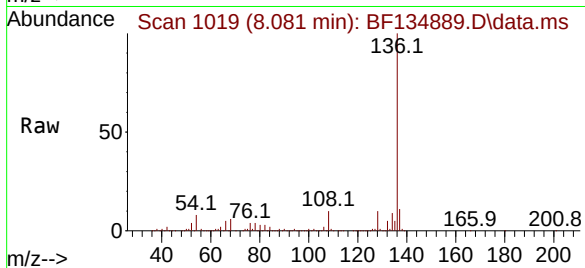
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

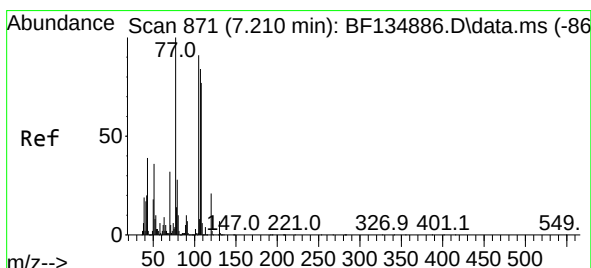
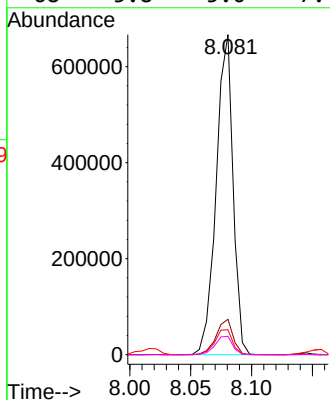
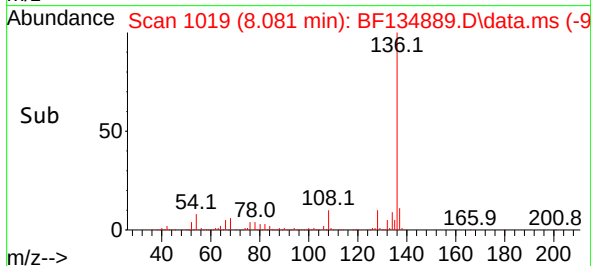


Tgt Ion:136 Resp: 64320
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 6.6 9.8
68 5.8 5.0 7.4

Manual Integrations

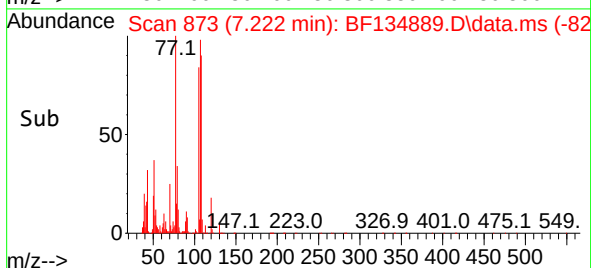
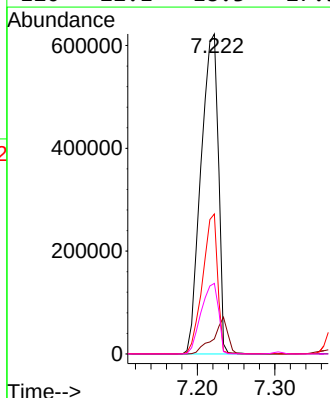
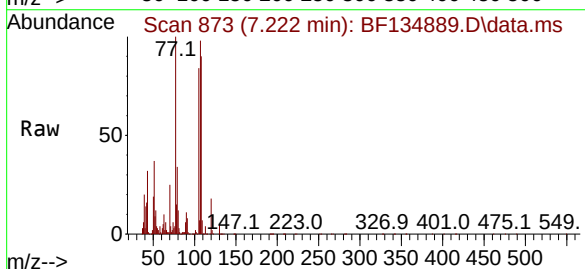
APPROVED

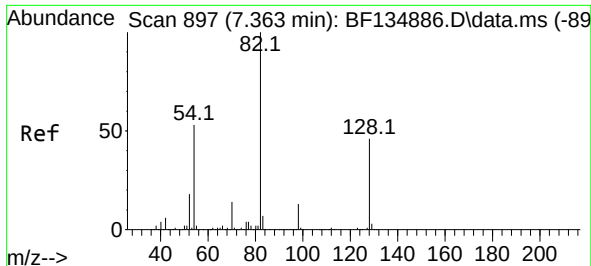
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#22
Acetophenone
Concen: 68.016 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:105 Resp: 966940
Ion Ratio Lower Upper
105 100
71 4.7 4.6 6.8
51 43.8 32.2 48.2
120 22.1 18.3 27.5





#23
Nitrobenzene-d5
Concen: 144.247 ng
RT: 7.375 min Scan# 897
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

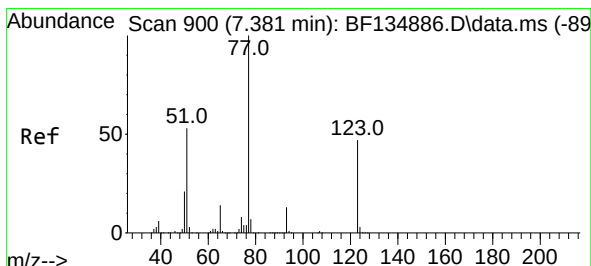
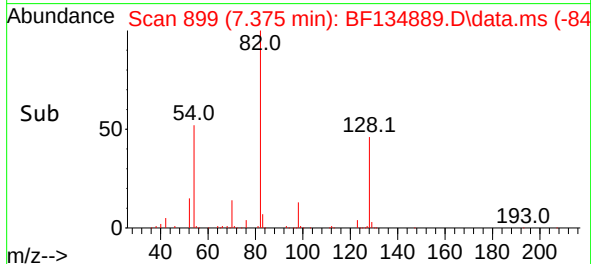
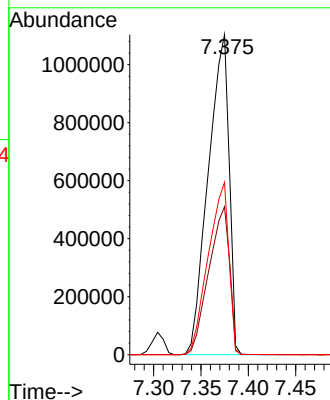
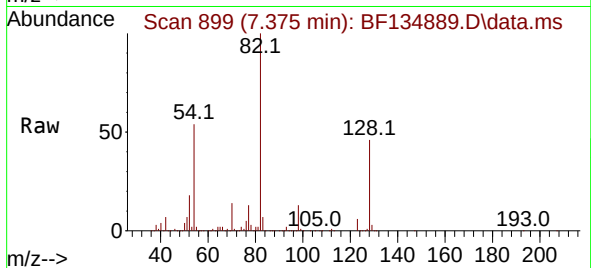
SSTDICC080

Tgt Ion: 82 Resp: 168373
Ion Ratio Lower Upper
82 100
128 46.2 36.6 54.8
54 53.8 42.6 63.8

Manual Integrations

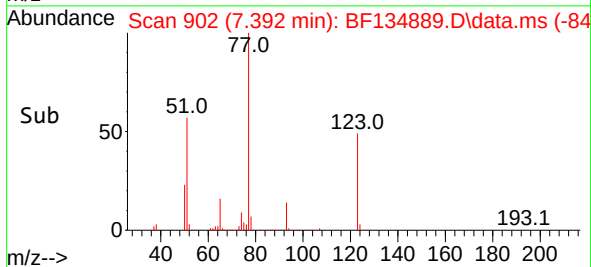
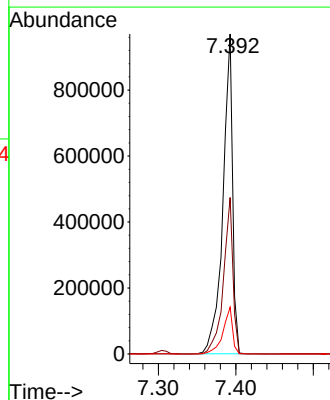
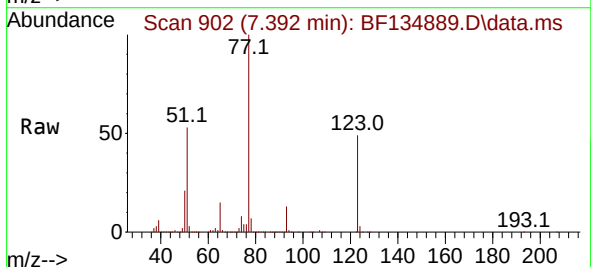
APPROVED

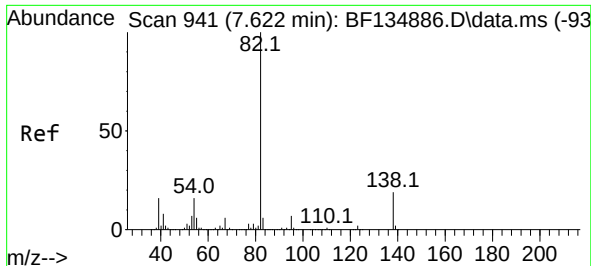
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#24
Nitrobenzene
Concen: 71.568 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

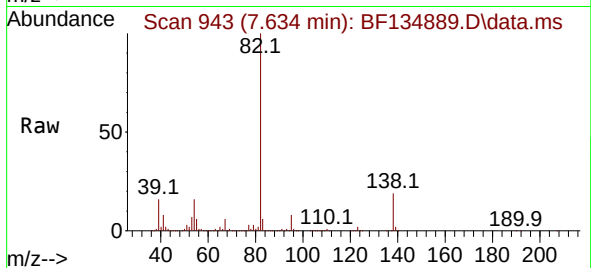
Tgt Ion: 77 Resp: 838249
Ion Ratio Lower Upper
77 100
123 48.9 37.9 56.9
65 14.6 11.1 16.7





#25
Isophorone
Concen: 76.062 ng
RT: 7.634 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

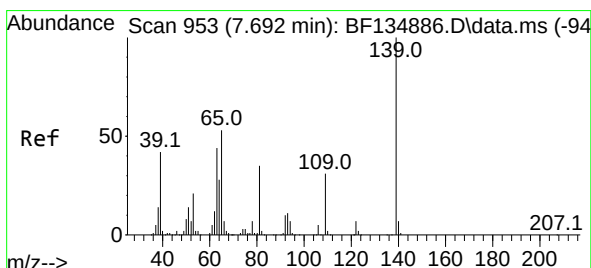
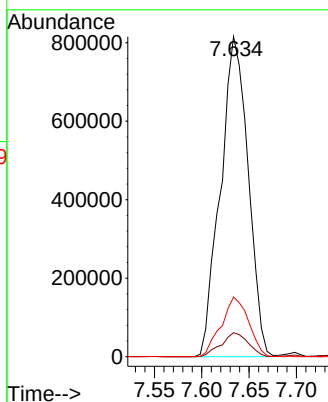
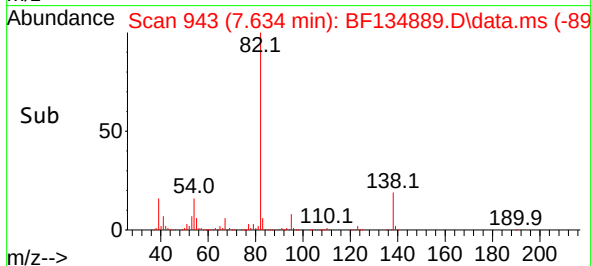
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



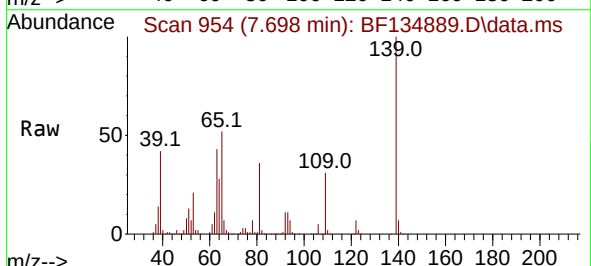
Tgt Ion: 82 Resp: 165786
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.7 14.9 22.3

Manual Integrations
APPROVED

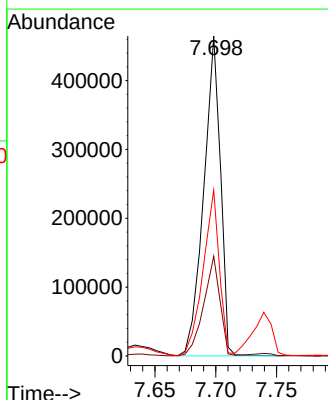
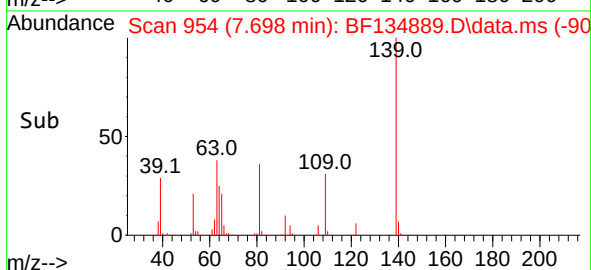
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

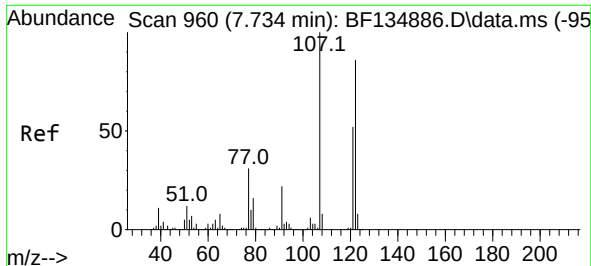


#26
2-Nitrophenol
Concen: 75.956 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:139 Resp: 442907
Ion Ratio Lower Upper
139 100
109 31.2 24.5 36.7
65 51.8 42.4 63.6





#27

2,4-Dimethylphenol

Concen: 74.612 ng

RT: 7.739 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF134889.D

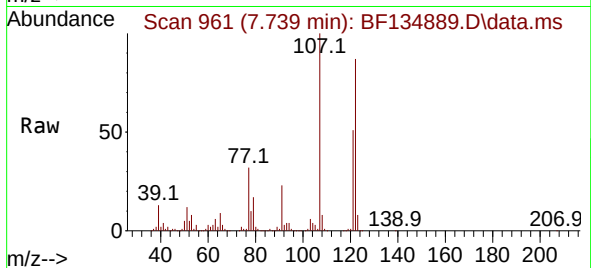
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



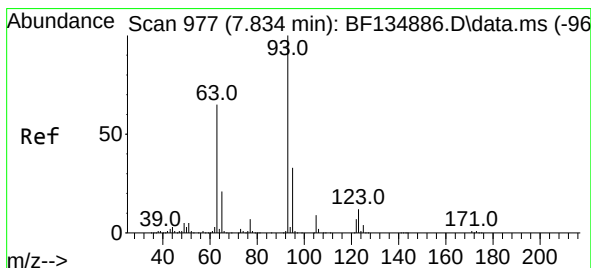
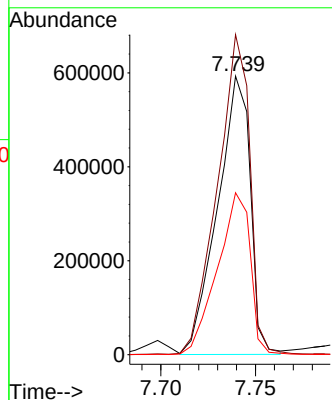
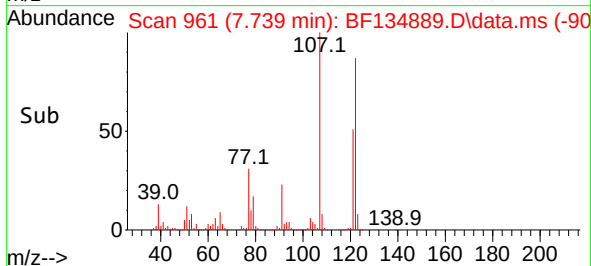
Tgt Ion:	122	Resp:	709609
Ion Ratio	Lower	Upper	
122	100		
107	114.9	92.9	139.3
121	58.2	48.4	72.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 72.876 ng

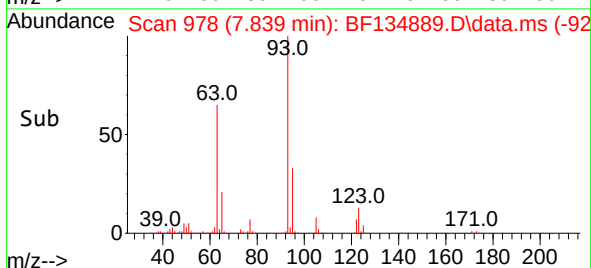
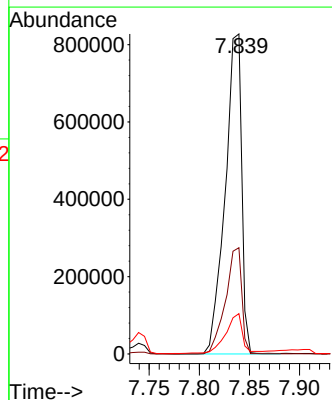
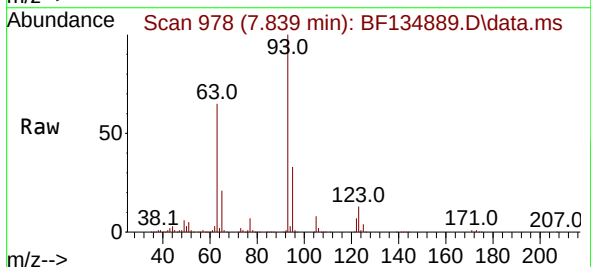
RT: 7.839 min Scan# 978

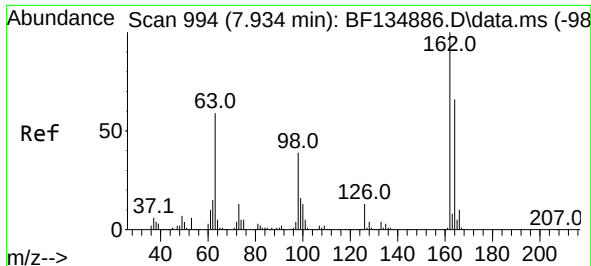
Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Tgt Ion:	93	Resp:	946708
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	12.6	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 72.296 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF134889.D

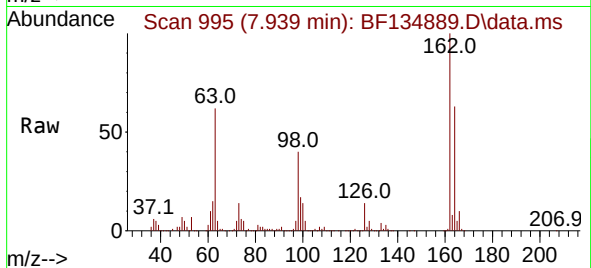
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



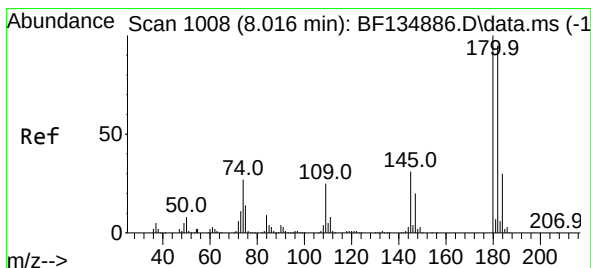
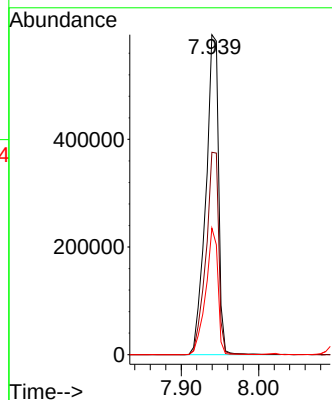
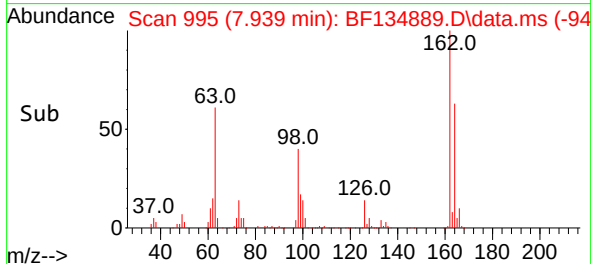
Tgt Ion:	162	Resp:	67936
Ion Ratio	Lower	Upper	
162	100		
164	63.2	45.6	85.6
98	39.5	18.5	58.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 70.258 ng

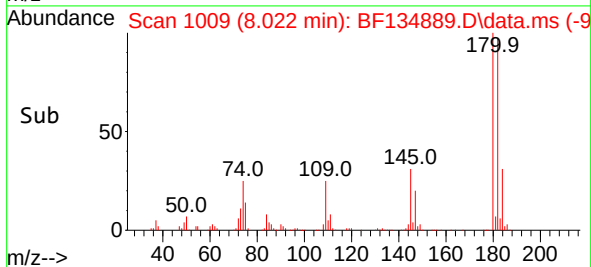
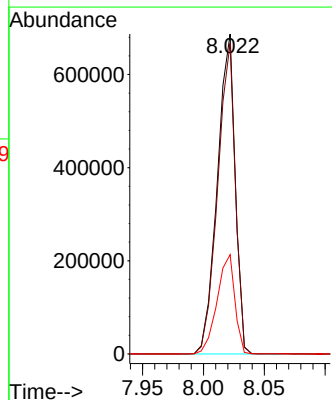
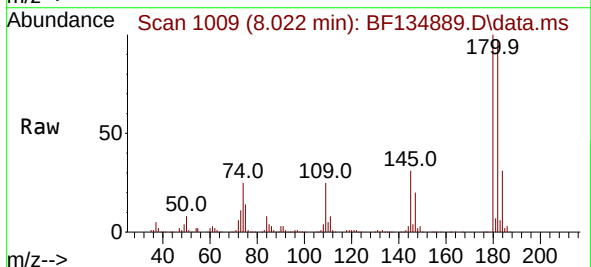
RT: 8.022 min Scan# 1009

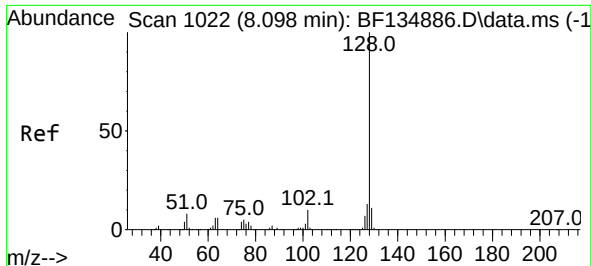
Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Tgt Ion:	180	Resp:	700916
Ion Ratio	Lower	Upper	
180	100		
182	97.2	76.0	114.0
145	31.0	24.6	37.0





#31
Naphthalene
Concen: 67.884 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

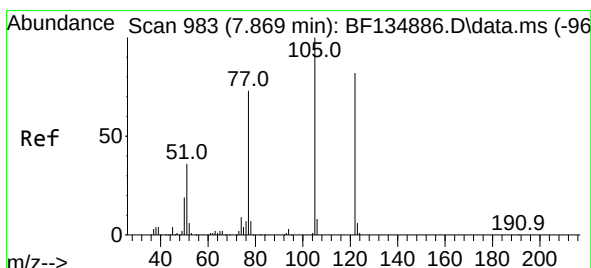
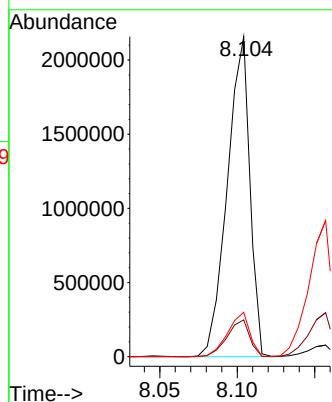
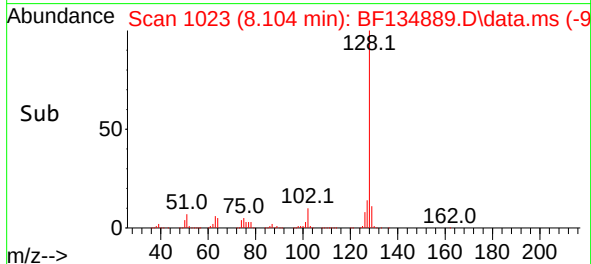
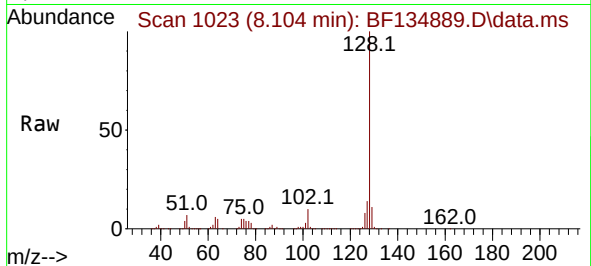
SSTDICC080

Tgt Ion:128 Resp: 2180229
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.9 10.6 16.0

Manual Integrations

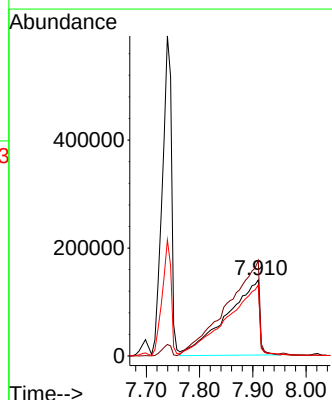
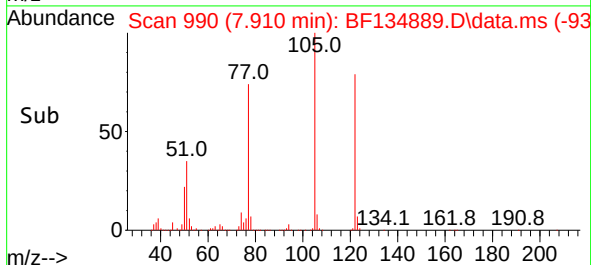
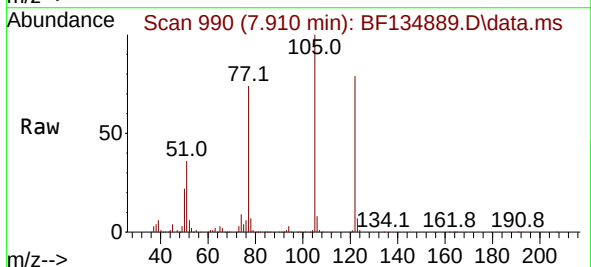
APPROVED

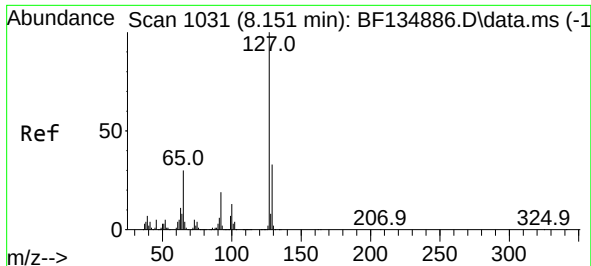
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#32
Benzoic acid
Concen: 85.206 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.041 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:122 Resp: 596894
Ion Ratio Lower Upper
122 100
105 125.9 98.6 138.6
77 93.4 68.6 108.6





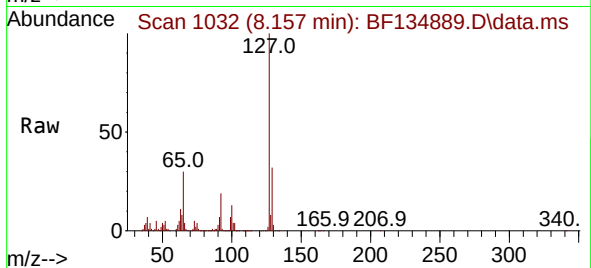
#33
4-Chloroaniline
Concen: 69.628 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

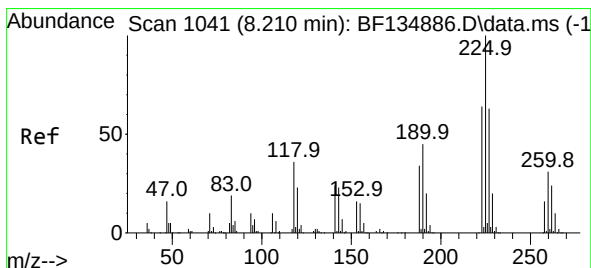
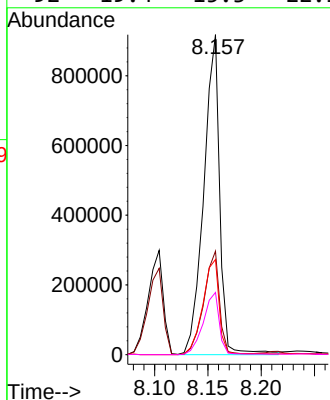
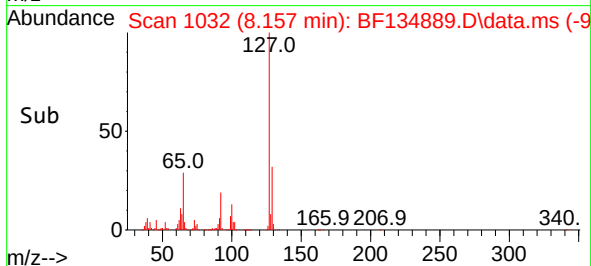


Tgt Ion:127 Resp: 95946
Ion Ratio Lower Upper
127 100
129 32.3 26.4 39.6
65 29.8 23.8 35.8
92 19.4 15.3 22.9

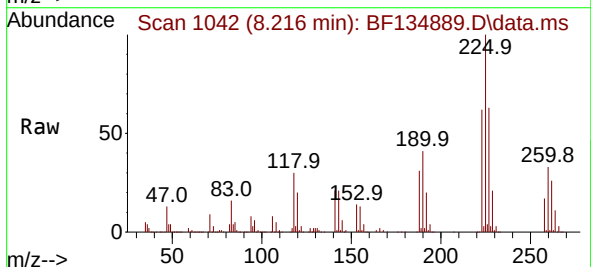
Manual Integrations

APPROVED

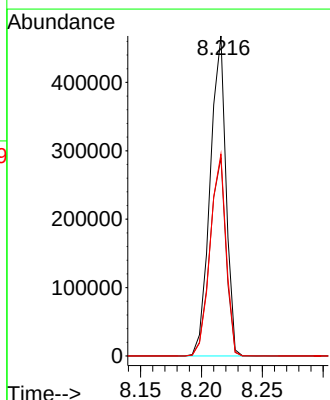
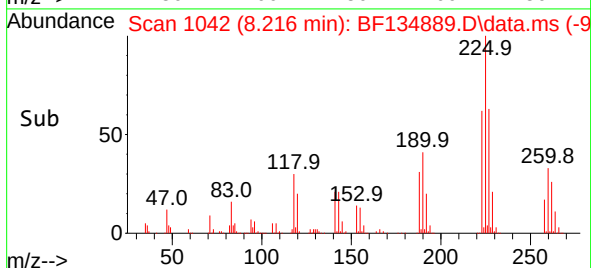
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

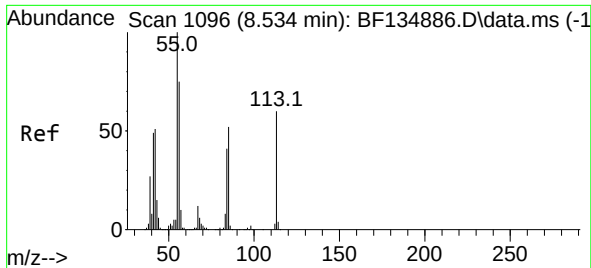


#34
Hexachlorobutadiene
Concen: 71.364 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



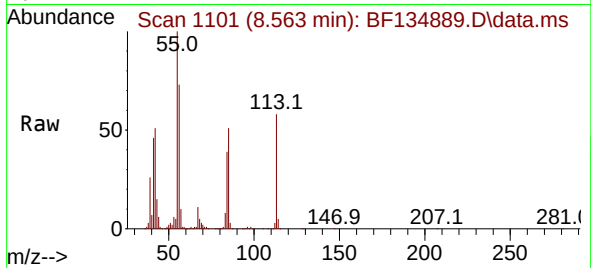
Tgt Ion:225 Resp: 423426
Ion Ratio Lower Upper
225 100
223 62.0 51.1 76.7
227 63.0 50.1 75.1





#35
Caprolactam
Concen: 78.249 ng m
RT: 8.563 min Scan# 1101
Delta R.T. 0.029 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

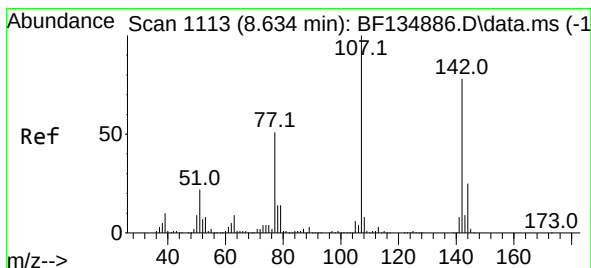
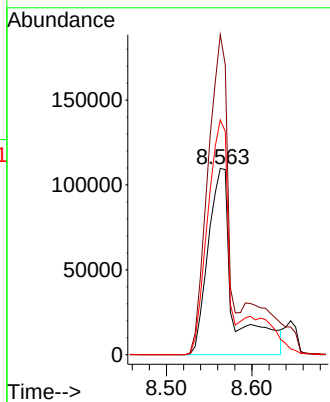
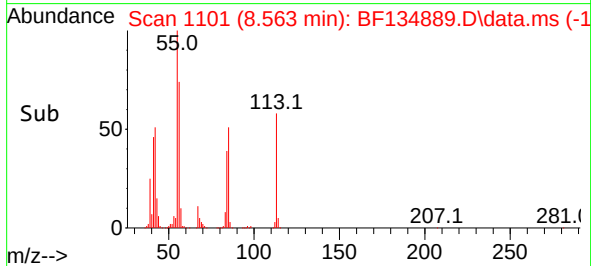
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 228819
Ion Ratio Lower Upper
113 100
55 171.9 147.2 187.2
56 126.2 106.0 146.0

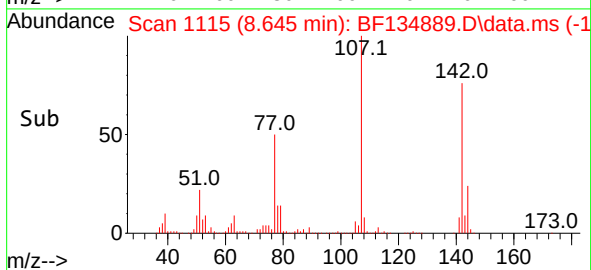
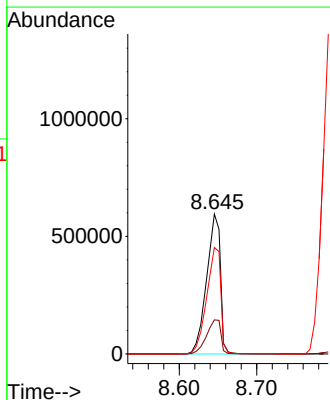
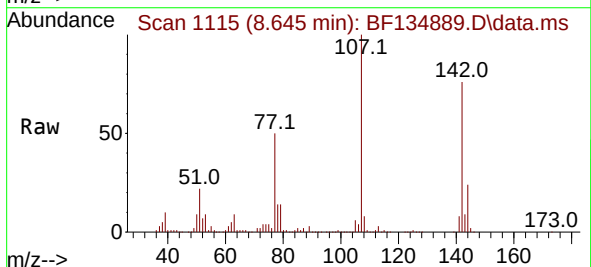
Manual Integrations
APPROVED

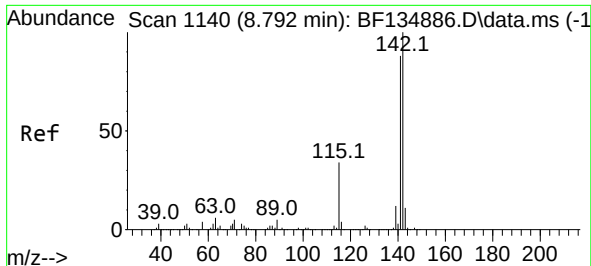
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#36
4-Chloro-3-methylphenol
Concen: 74.087 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:107 Resp: 734682
Ion Ratio Lower Upper
107 100
144 24.3 20.2 30.2
142 76.0 62.5 93.7





#37

2-Methylnaphthalene

Concen: 68.183 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 146035

Ion Ratio Lower Upper

142 100

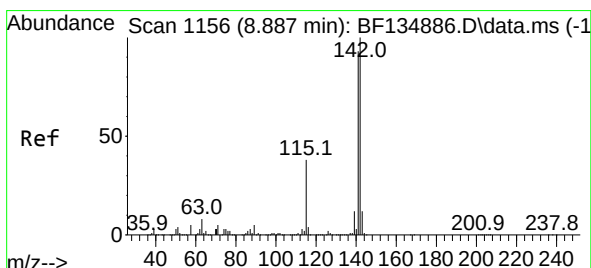
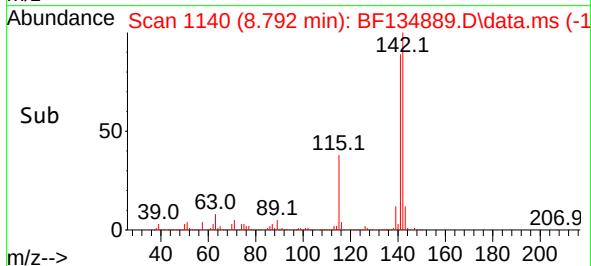
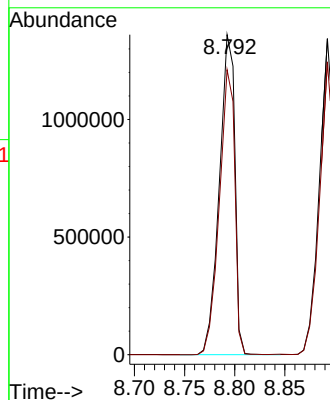
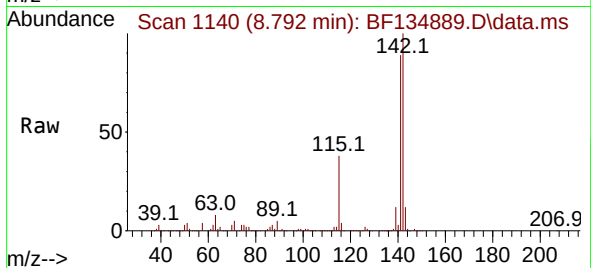
141 89.0 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#38

1-Methylnaphthalene

Concen: 68.026 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF134889.D

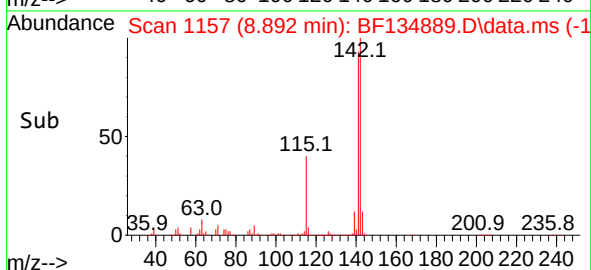
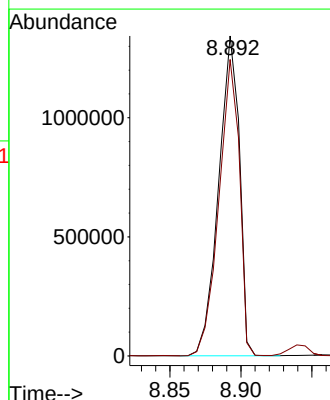
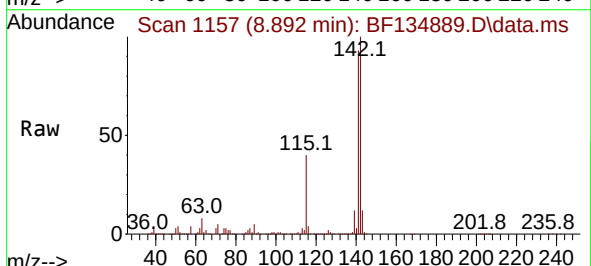
Acq: 22 Aug 2023 16:46

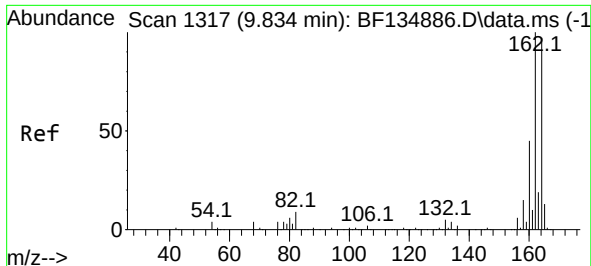
Tgt Ion:142 Resp: 1362404

Ion Ratio Lower Upper

142 100

141 92.6 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF134889.D

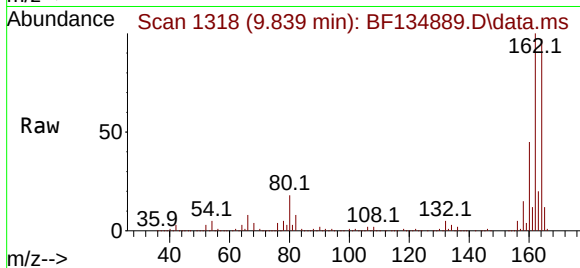
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



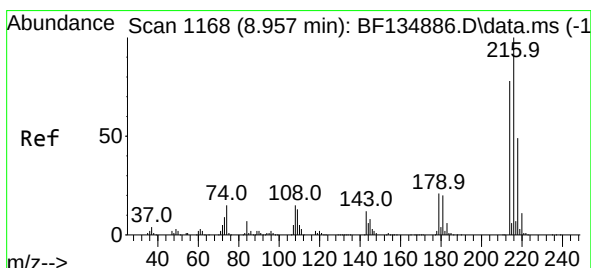
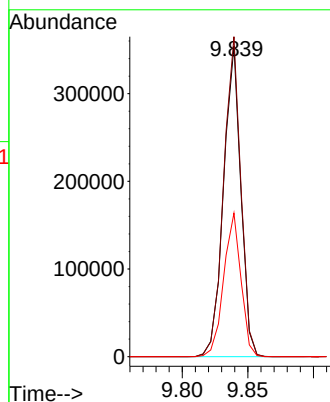
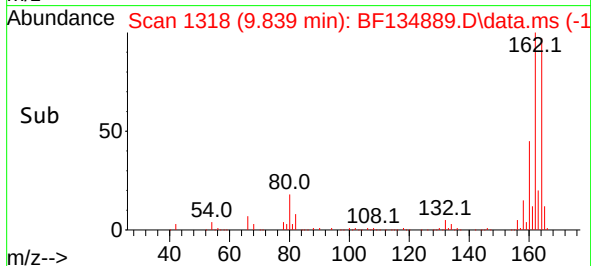
Tgt Ion:	164	Resp:	32370
Ion Ratio	100	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	46.2	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 69.711 ng

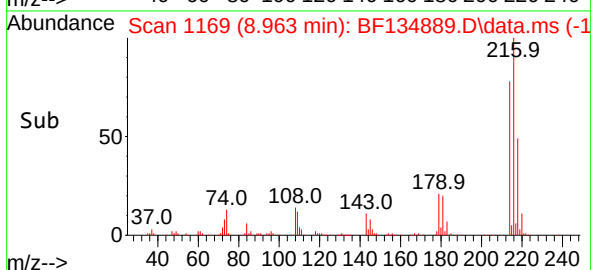
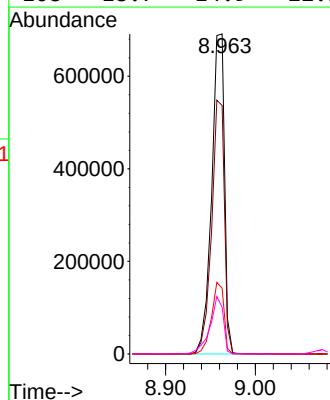
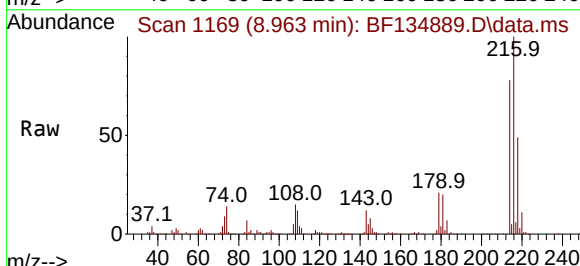
RT: 8.963 min Scan# 1169

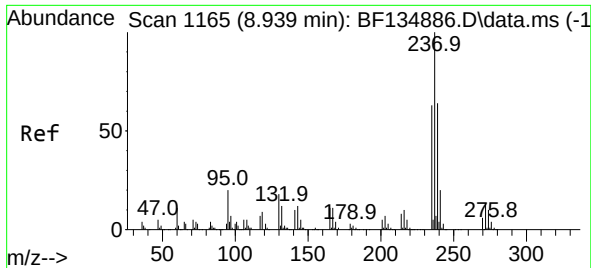
Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Tgt Ion:	216	Resp:	687618
Ion Ratio	100	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	21.7	17.3	25.9
108	18.7	14.9	22.3





#41
Hexachlorocyclopentadiene
Concen: 85.615 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

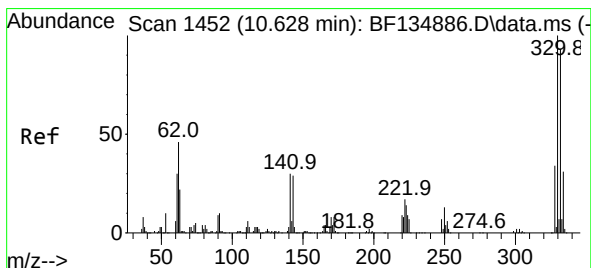
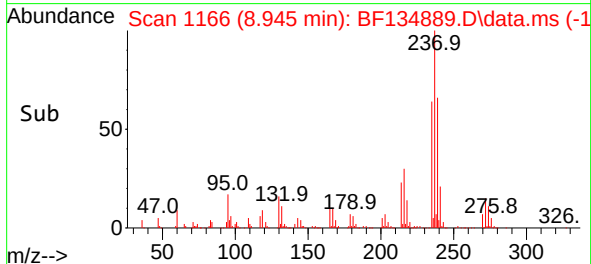
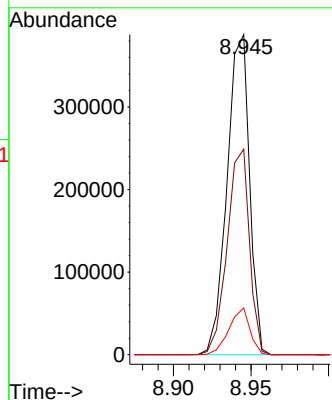
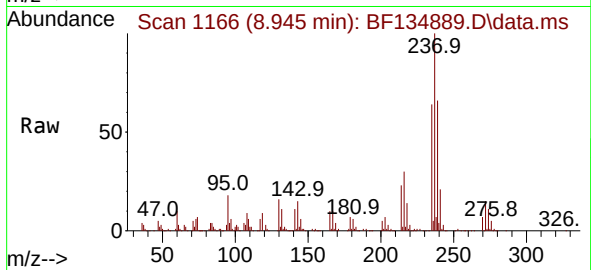
SSTDICC080

Tgt Ion:237 Resp: 39187
Ion Ratio Lower Upper
237 100
235 64.3 43.1 83.1
272 14.6 0.0 32.6

Manual Integrations

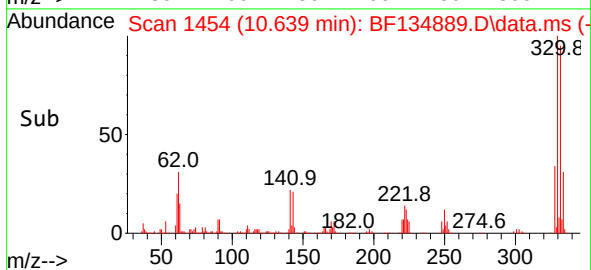
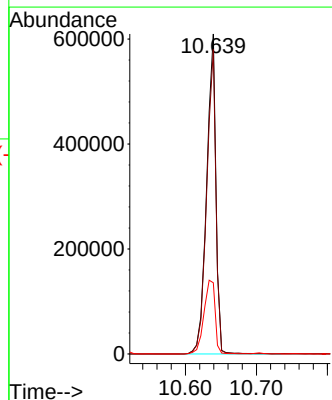
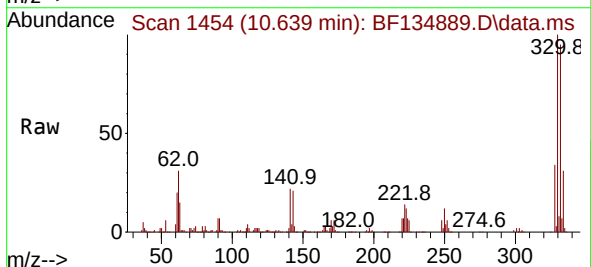
APPROVED

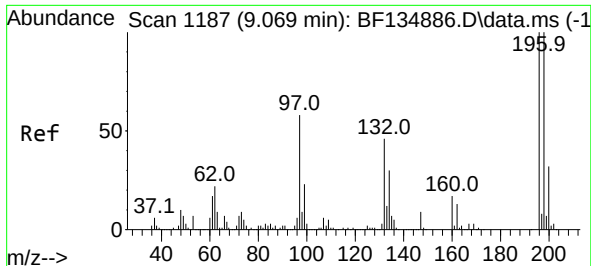
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#42
2,4,6-Tribromophenol
Concen: 145.494 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

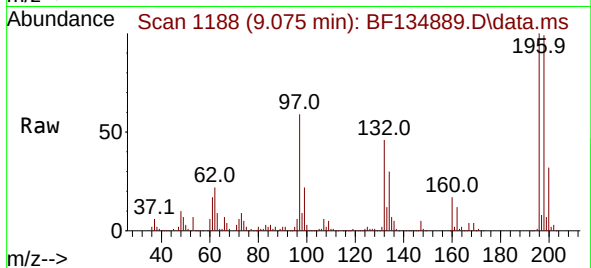
Tgt Ion:330 Resp: 554687
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 27.8 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 73.441 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

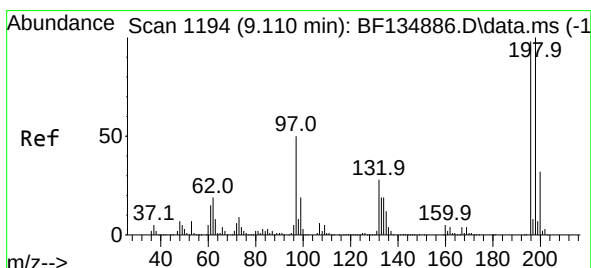
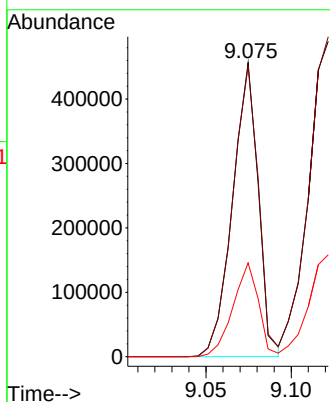
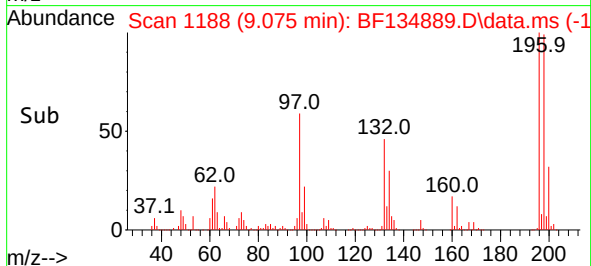
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



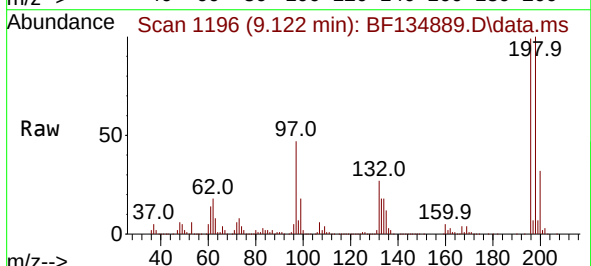
Tgt Ion:196 Resp: 47842
Ion Ratio Lower Upper
196 100
198 98.7 79.8 119.6
200 31.9 25.8 38.6

Manual Integrations
APPROVED

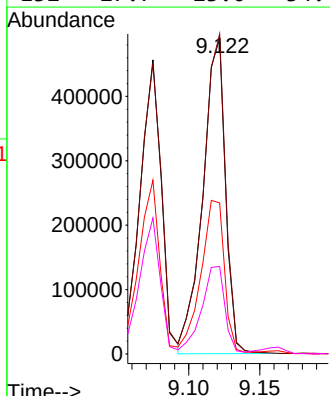
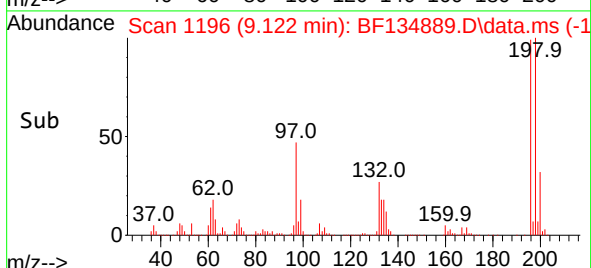
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

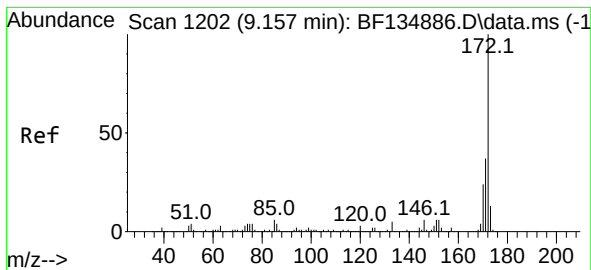


#44
2,4,5-Trichlorophenol
Concen: 71.796 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:196 Resp: 541487
Ion Ratio Lower Upper
196 100
198 101.5 81.8 122.6
97 47.9 41.3 61.9
132 27.7 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 125.790 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

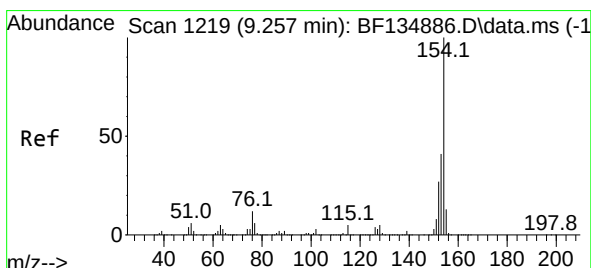
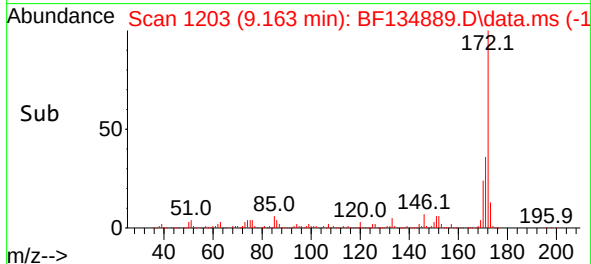
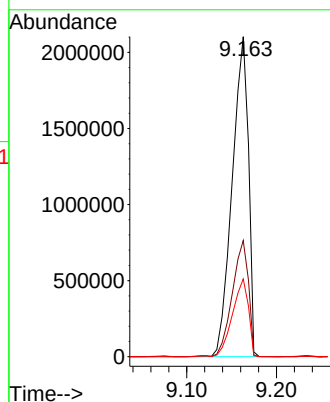
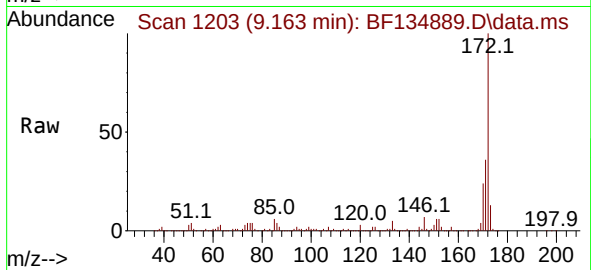
SSTDICC080

Tgt Ion:172 Resp: 263327
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 19.6 29.4

Manual Integrations

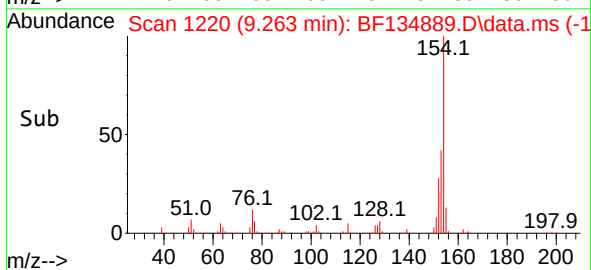
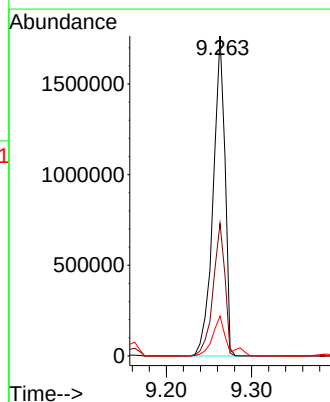
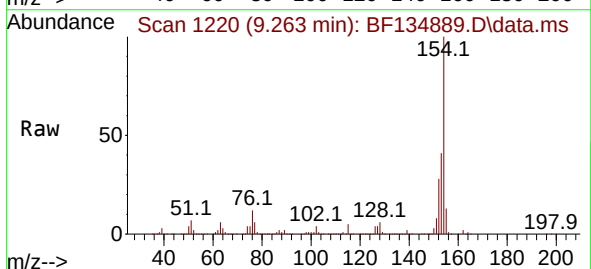
APPROVED

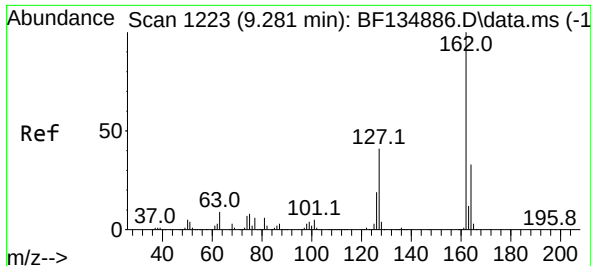
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#46
1,1'-Biphenyl
Concen: 66.728 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:154 Resp: 1705279
Ion Ratio Lower Upper
154 100
153 41.4 21.3 61.3
76 12.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 68.374 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.005 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 130493

Ion Ratio Lower Upper

162 100

127 44.3 33.4 50.0

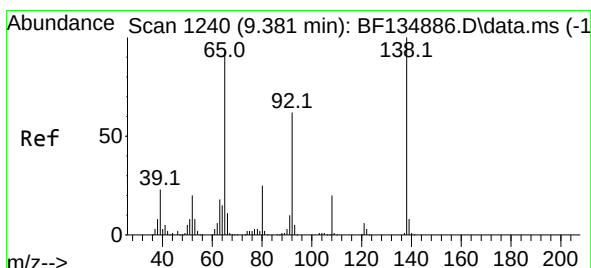
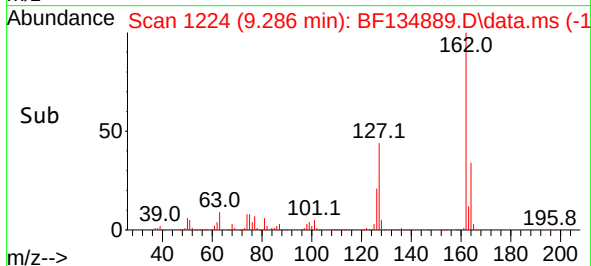
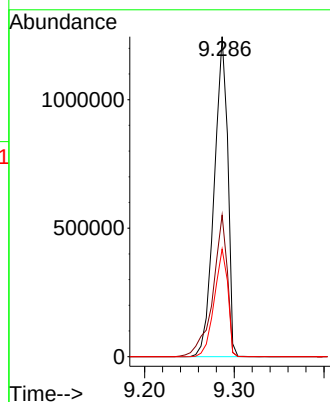
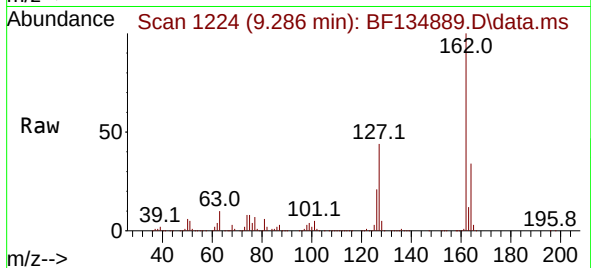
164 33.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#48

2-Nitroaniline

Concen: 76.457 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

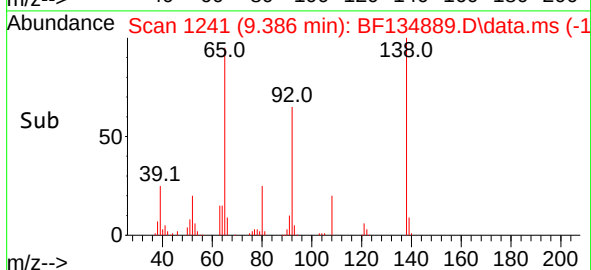
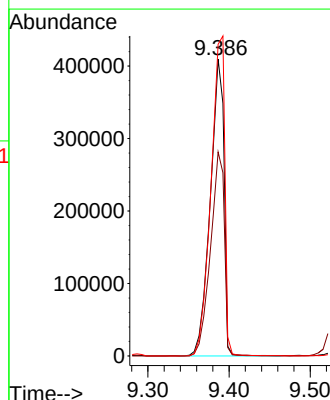
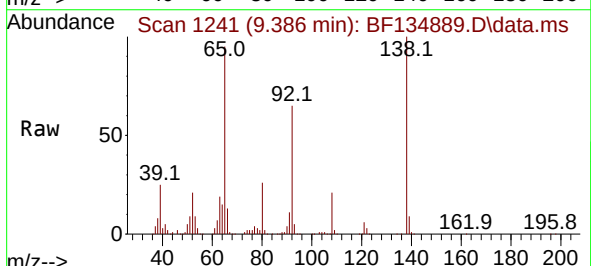
Tgt Ion: 65 Resp: 479669

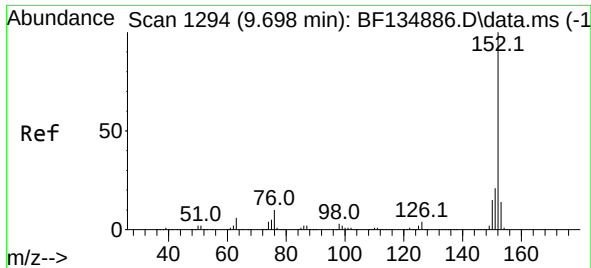
Ion Ratio Lower Upper

65 100

92 68.7 53.8 80.8

138 104.9 86.5 129.7





#49

Acenaphthylene

Concen: 66.313 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 1949029

Ion Ratio Lower Upper

152 100

151 20.9 16.5 24.7

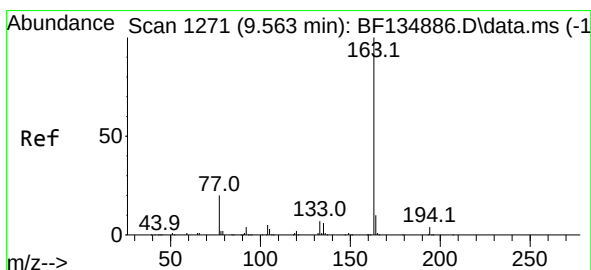
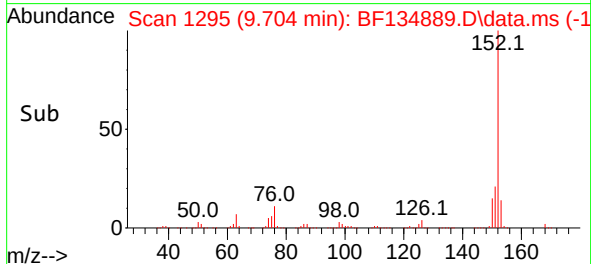
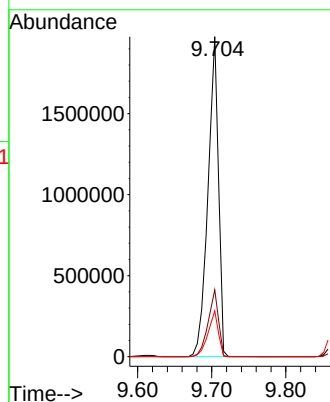
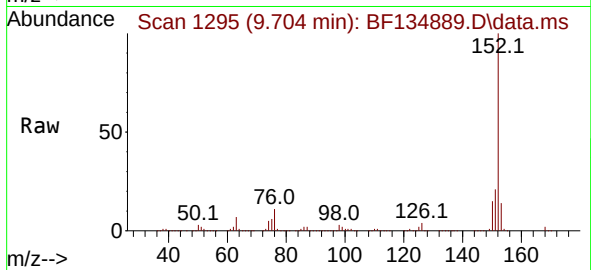
153 14.3 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#50

Dimethylphthalate

Concen: 73.049 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.012 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

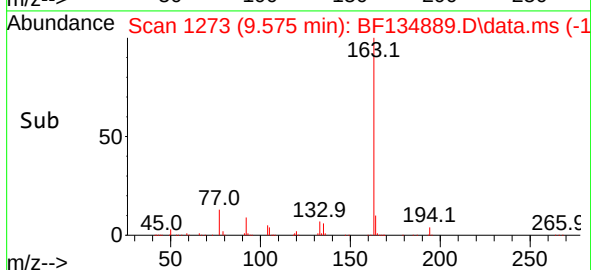
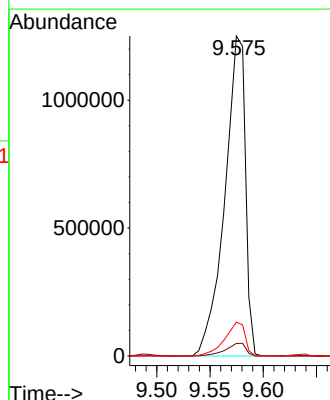
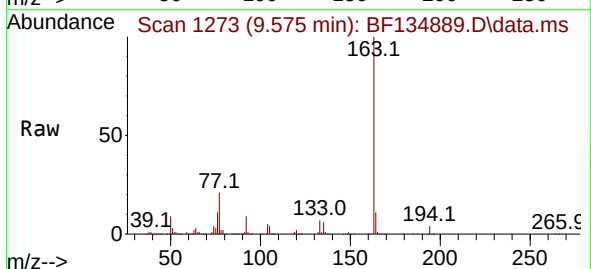
Tgt Ion:163 Resp: 1683180

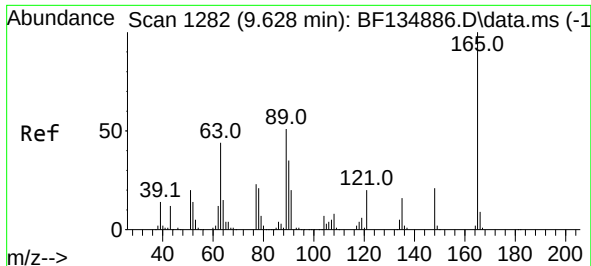
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.6 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 74.969 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.012 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 38099

Ion Ratio Lower Upper

165 100

63 50.1 41.4 62.2

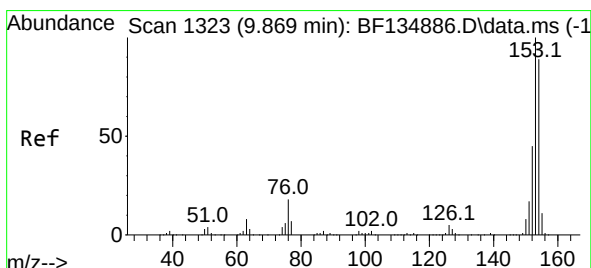
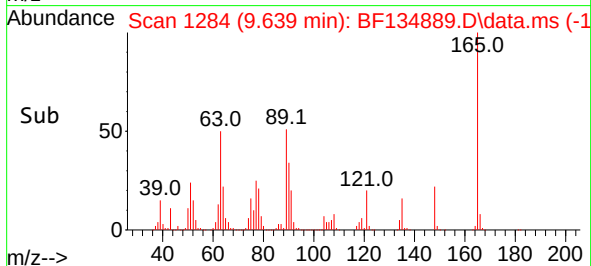
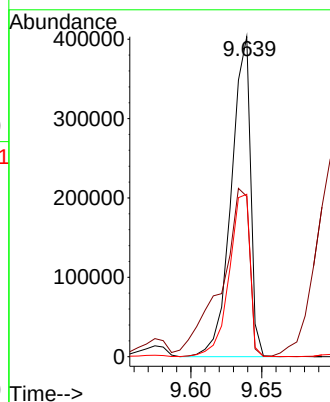
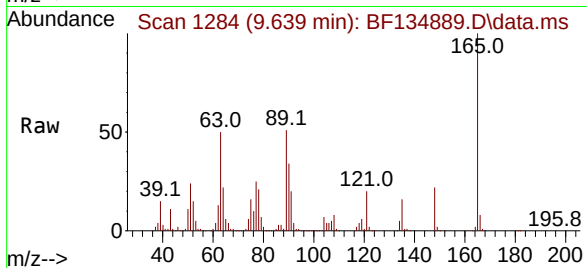
89 50.7 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#52

Acenaphthene

Concen: 67.172 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

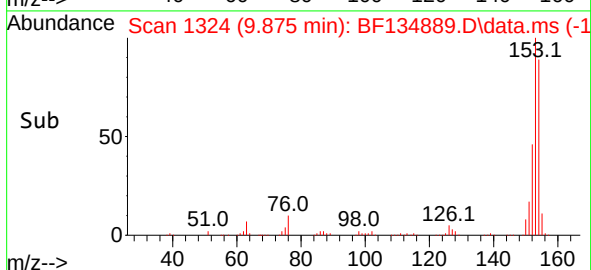
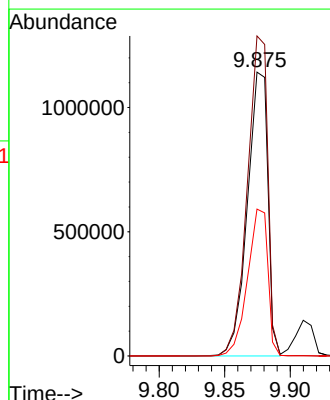
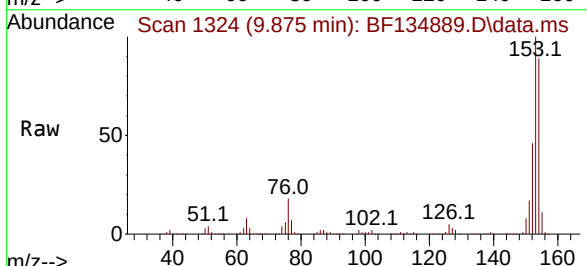
Tgt Ion:154 Resp: 1243743

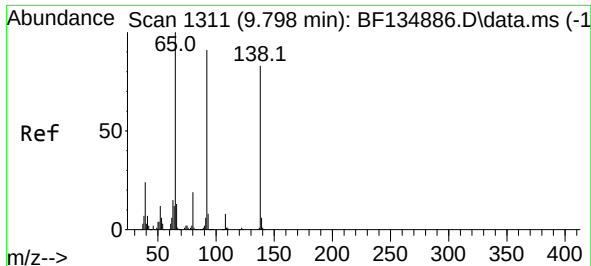
Ion Ratio Lower Upper

154 100

153 112.7 89.6 134.4

152 51.8 40.5 60.7





#53
3-Nitroaniline
Concen: 74.667 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

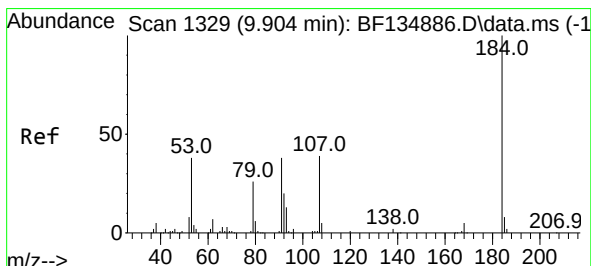
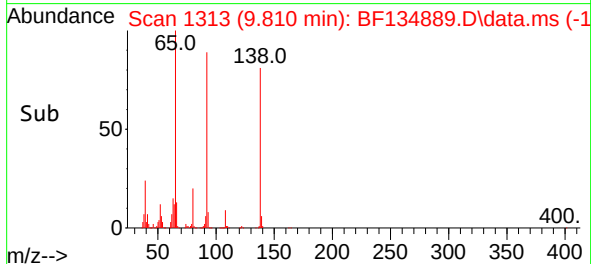
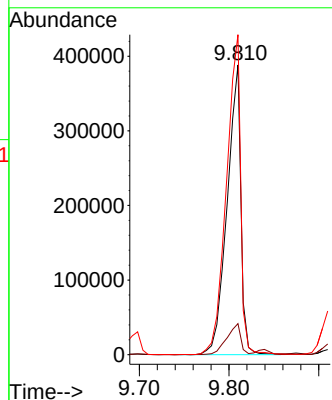
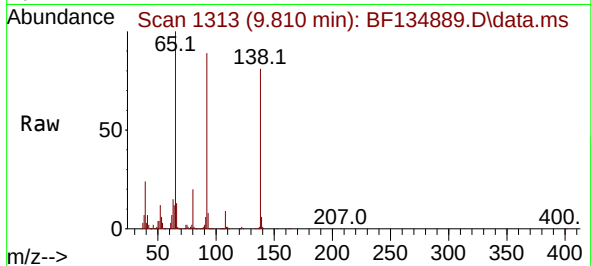
SSTDICC080

Tgt Ion:138 Resp: 414456
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 110.4 87.6 131.4

Manual Integrations

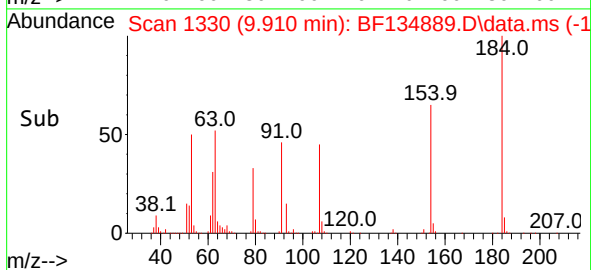
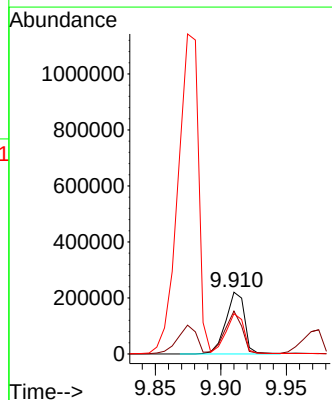
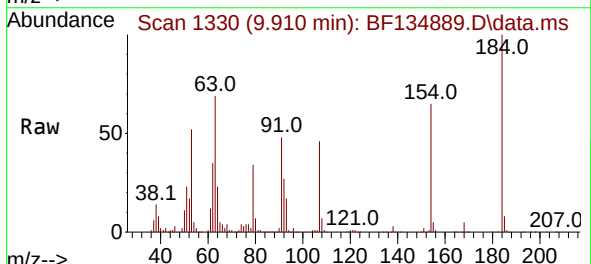
APPROVED

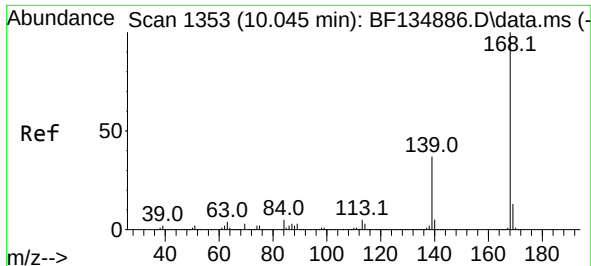
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#54
2,4-Dinitrophenol
Concen: 80.879 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

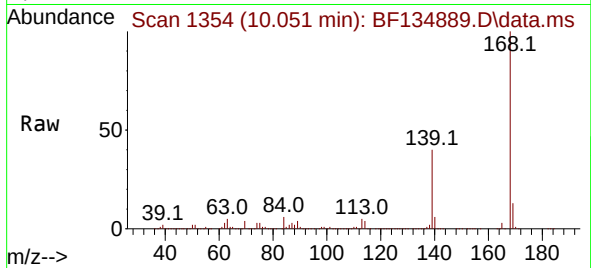
Tgt Ion:184 Resp: 220328
Ion Ratio Lower Upper
184 100
63 69.3 42.8 64.2#
154 65.2 48.0 72.0





#55
Dibenzenofuran
Concen: 63.825 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

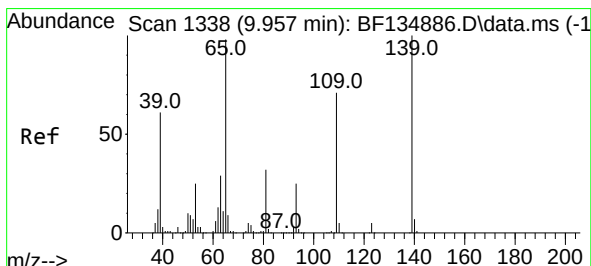
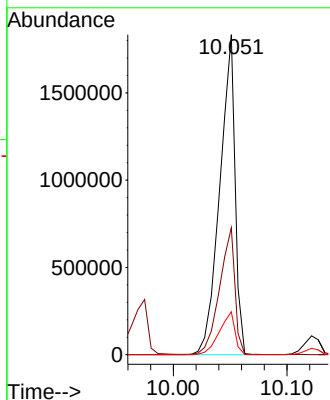
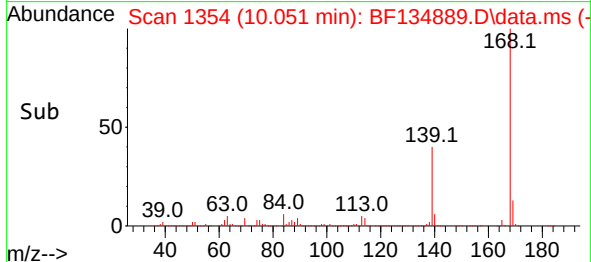
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:168 Resp: 172057
Ion Ratio Lower Upper
168 100
139 39.7 29.5 44.3
169 13.4 10.7 16.1

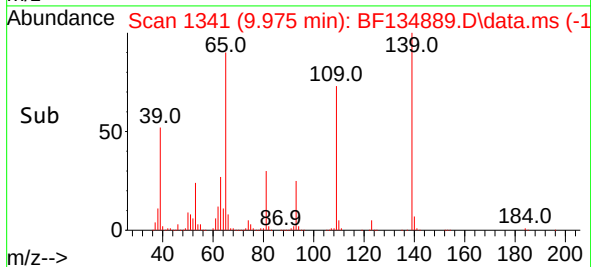
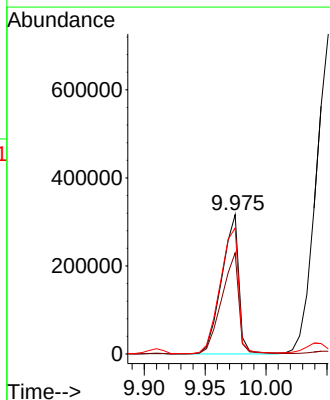
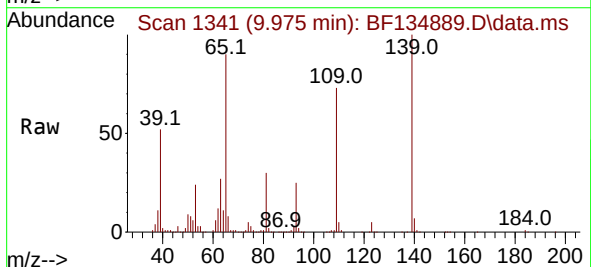
Manual Integrations
APPROVED

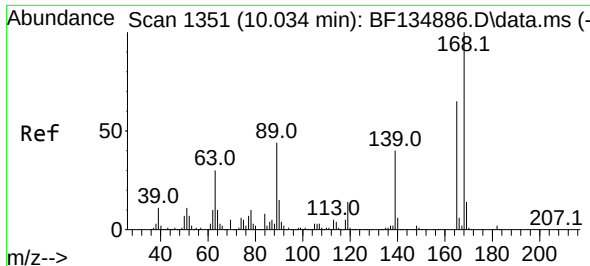
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#56
4-Nitrophenol
Concen: 80.557 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:139 Resp: 311613
Ion Ratio Lower Upper
139 100
109 72.5 51.0 91.0
65 90.3 78.5 118.5





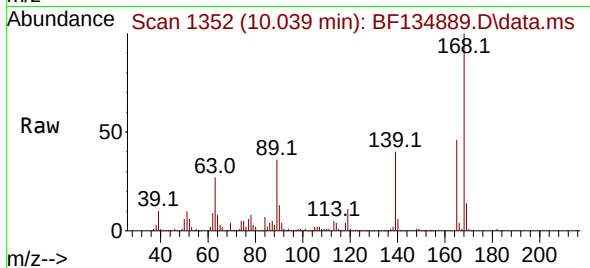
#57
2,4-Dinitrotoluene
Concen: 68.239 ng
RT: 10.039 min Scan# 1411
Delta R.T. 0.005 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



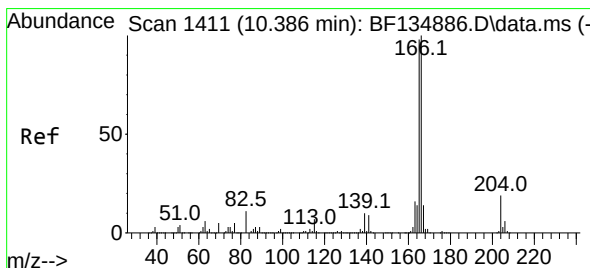
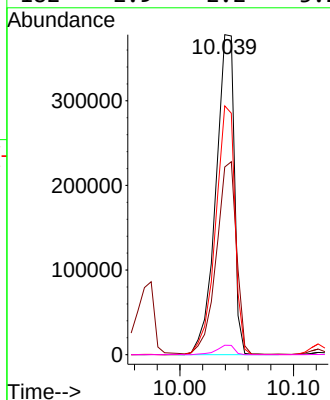
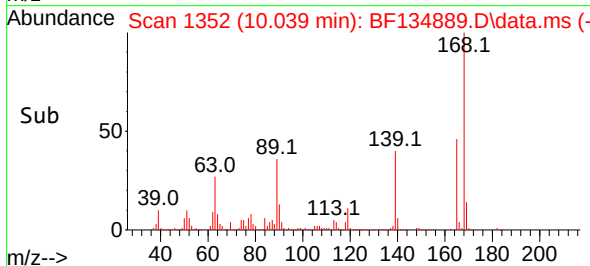
Tgt Ion:165 Resp: 42887
Ion Ratio Lower Upper
165 100
63 58.7 37.7 56.5
89 77.7 54.2 81.4
182 2.9 2.2 3.2

Manual Integrations

APPROVED

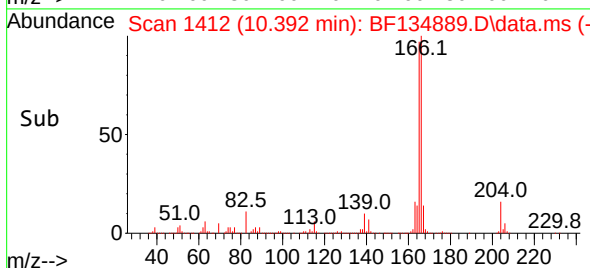
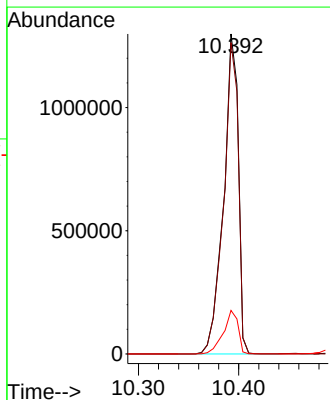
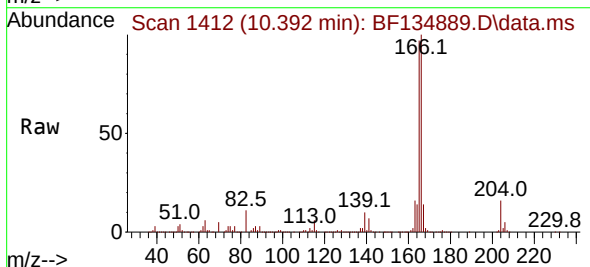
Reviewed By :Yogesh Patel 08/23/2023

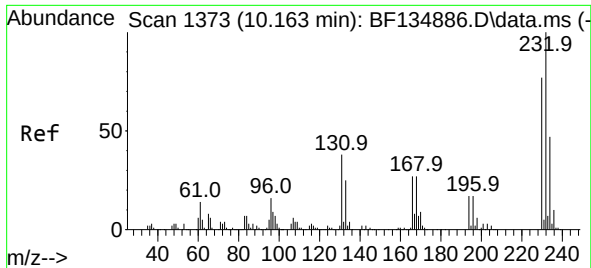
Supervised By :mohammad ahmed 08/23/2023



#58
Fluorene
Concen: 62.400 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:166 Resp: 1317242
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.6 11.0 16.6





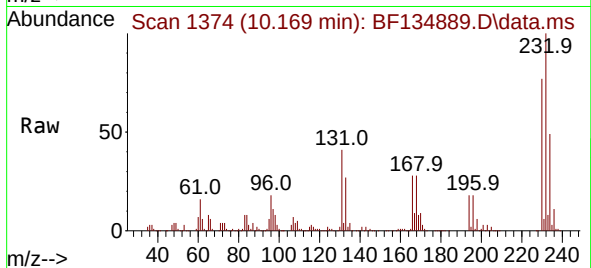
#59
2,3,4,6-Tetrachlorophenol
Concen: 70.839 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

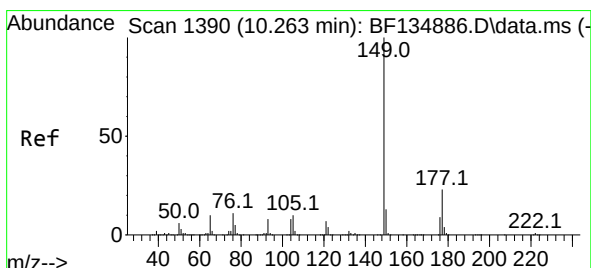
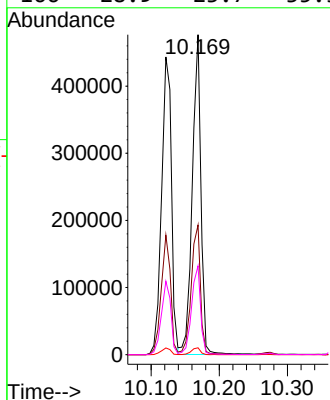
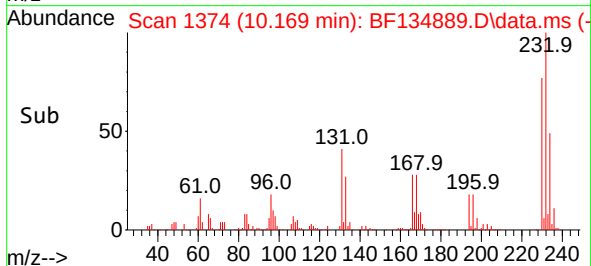


Tgt Ion:232 Resp: 416250
Ion Ratio Lower Upper
232 100
131 43.0 33.9 50.9
130 2.3 1.6 2.4
166 28.9 23.7 35.5

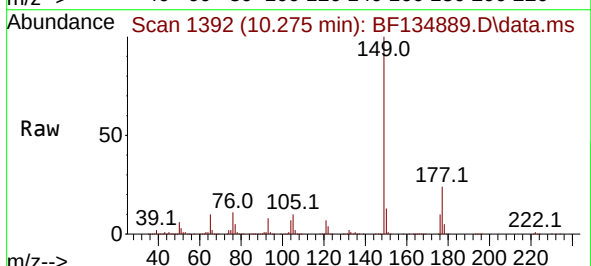
Manual Integrations

APPROVED

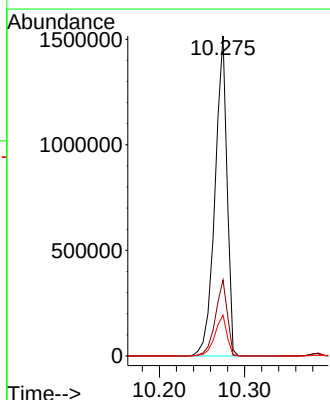
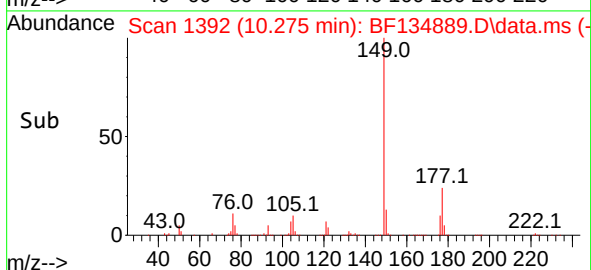
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

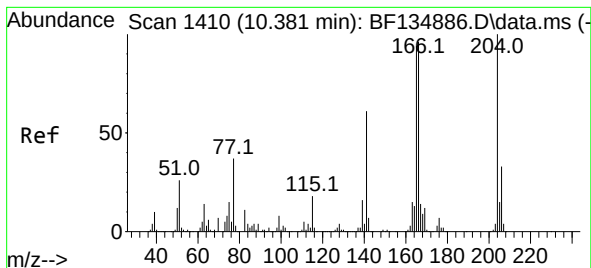


#60
Diethylphthalate
Concen: 70.267 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:149 Resp: 1483376
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 12.7 10.3 15.5





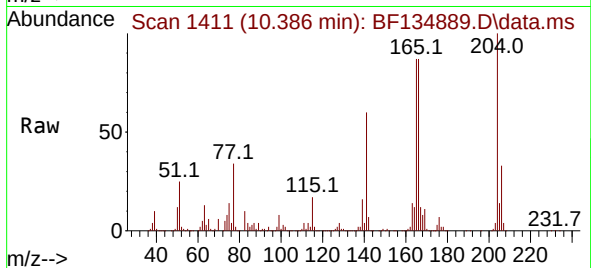
#61
4-Chlorophenyl-phenylether
Concen: 62.254 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.005 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

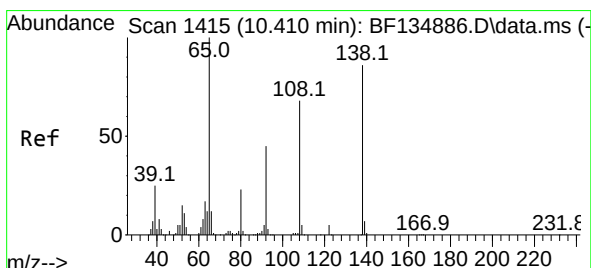
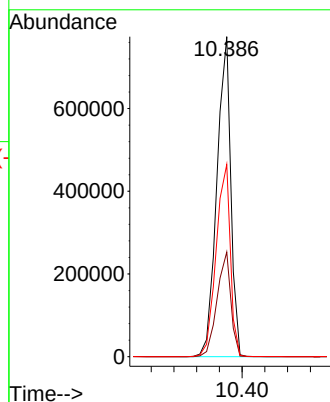
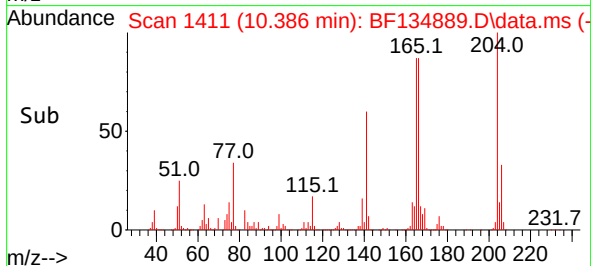


Tgt Ion:204 Resp: 65895
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 60.1 48.6 73.0

Manual Integrations

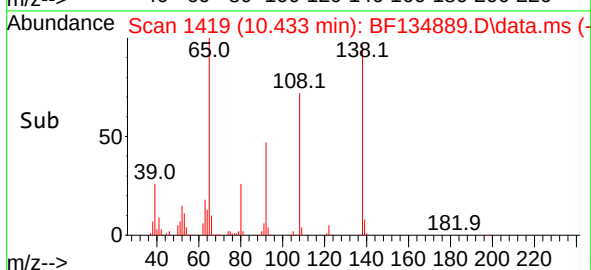
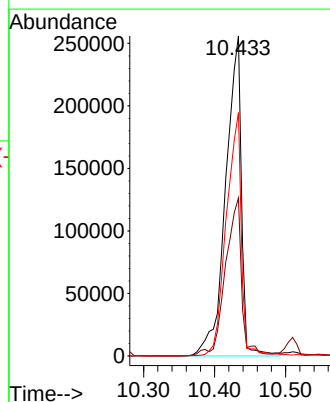
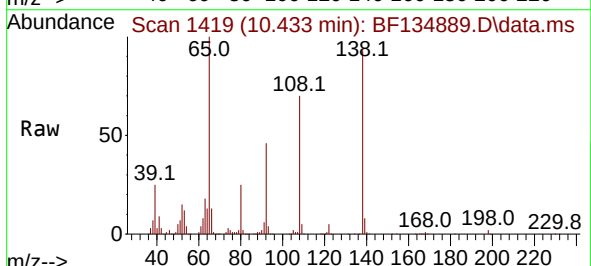
APPROVED

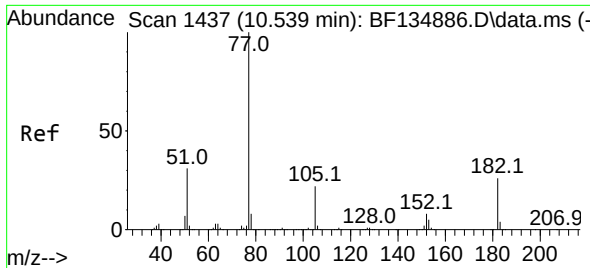
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#62
4-Nitroaniline
Concen: 75.977 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.023 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:138 Resp: 394241
Ion Ratio Lower Upper
138 100
92 49.3 32.5 72.5
108 76.1 58.6 98.6





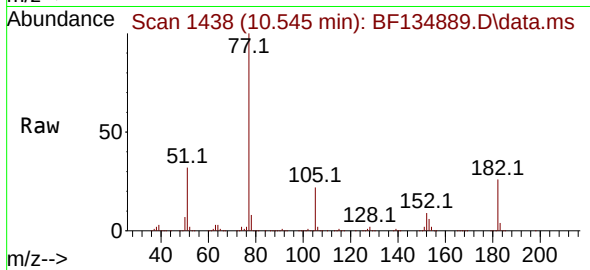
#63
Azobenzene
Concen: 69.795 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

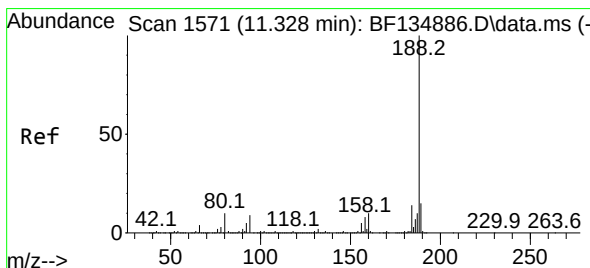
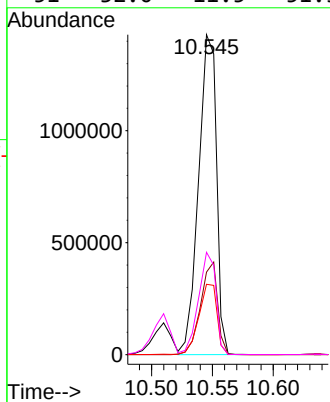
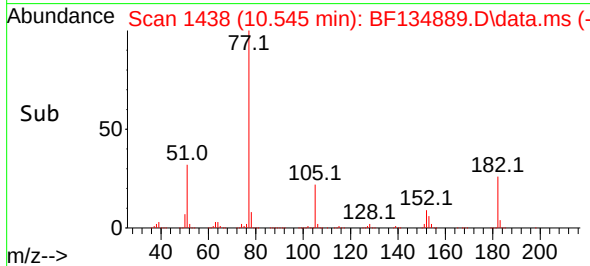


Tgt Ion: 77 Resp: 1463720
Ion Ratio Lower Upper
77 100
182 25.8 5.8 45.8
105 22.0 1.6 41.6
51 32.0 11.5 51.5

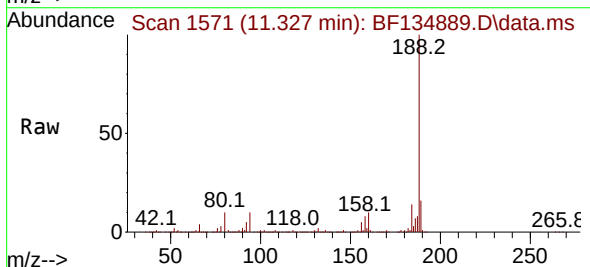
Manual Integrations

APPROVED

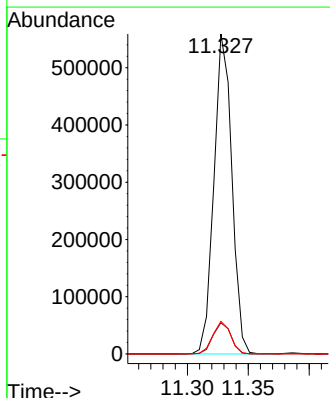
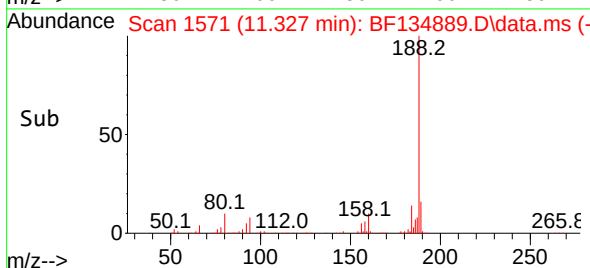
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

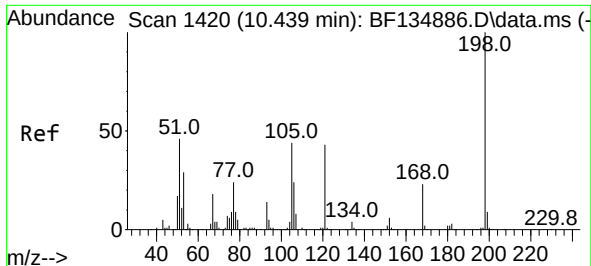


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



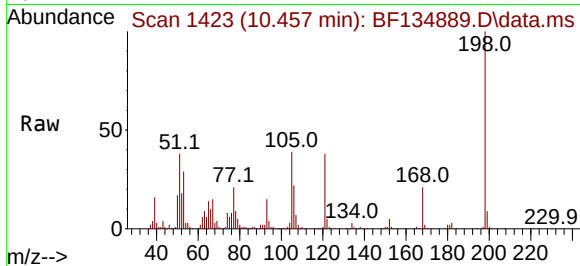
Tgt Ion:188 Resp: 571426
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 85.982 ng
RT: 10.457 min Scan# 1420
Delta R.T. 0.018 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

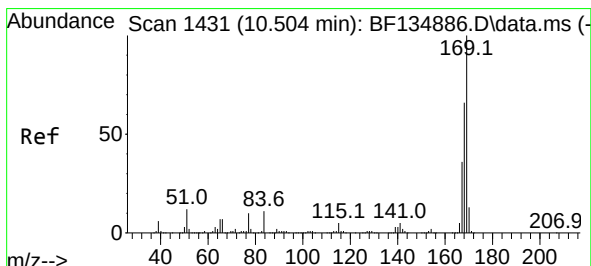
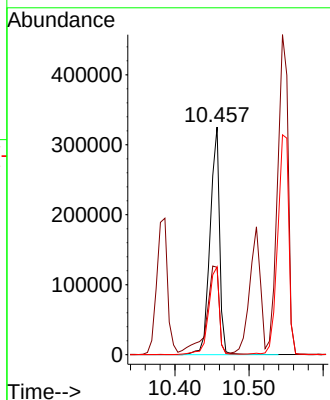
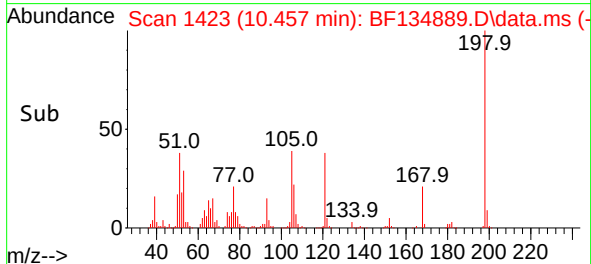
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



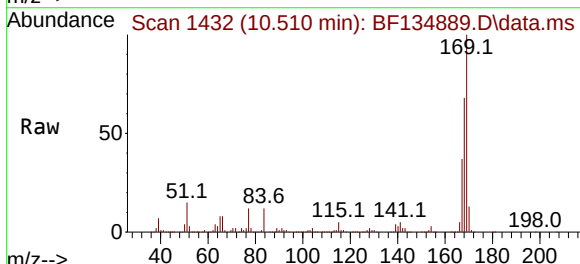
Tgt Ion:198 Resp: 28991
Ion Ratio Lower Upper
198 100
51 38.4 30.3 70.3
105 38.6 24.5 64.5

Manual Integrations
APPROVED

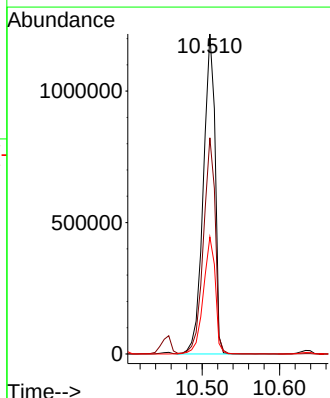
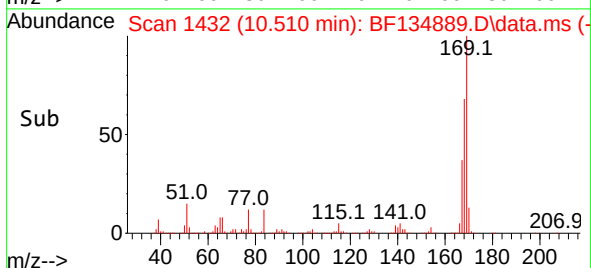
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

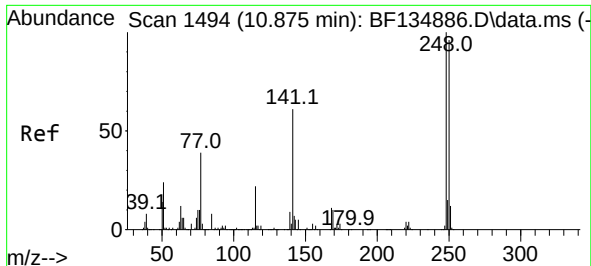


#66
n-Nitrosodiphenylamine
Concen: 69.869 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:169 Resp: 1285690
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 36.6 29.0 43.6





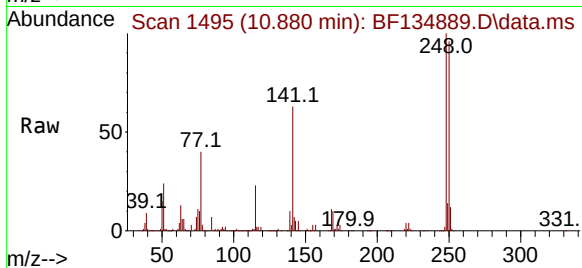
#67
4-Bromophenyl-phenylether
Concen: 72.785 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.005 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

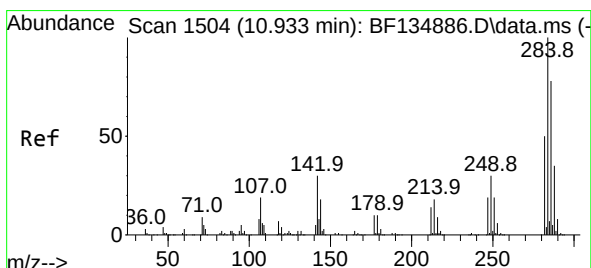
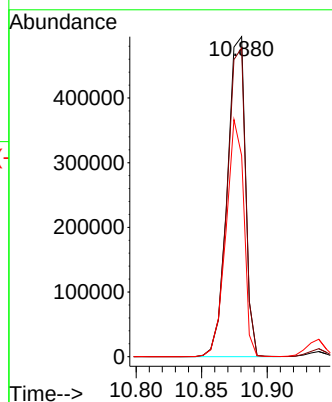
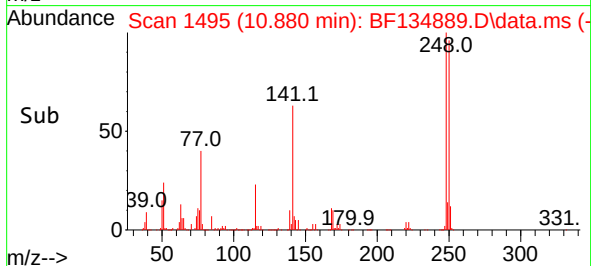


Tgt Ion:248 Resp: 479839
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 62.9 49.0 73.4

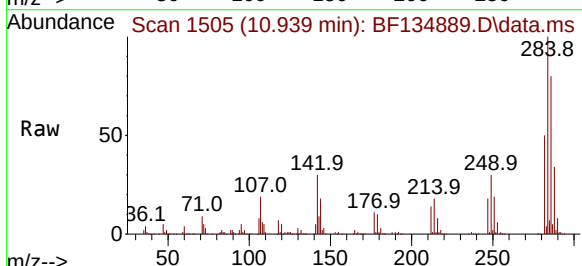
Manual Integrations

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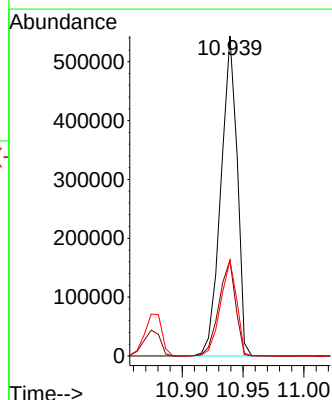
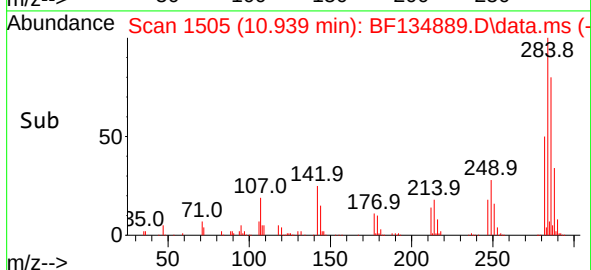
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

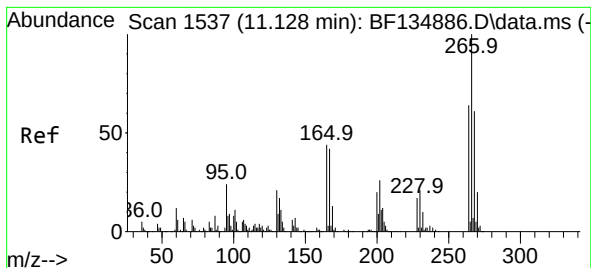


#68
Hexachlorobenzene
Concen: 72.204 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:284 Resp: 506253
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 29.9 24.1 36.1





#70

Pentachlorophenol

Concen: 77.117 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.005 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:266 Resp: 325390

Ion Ratio Lower Upper

266 100

268 63.6 48.9 73.3

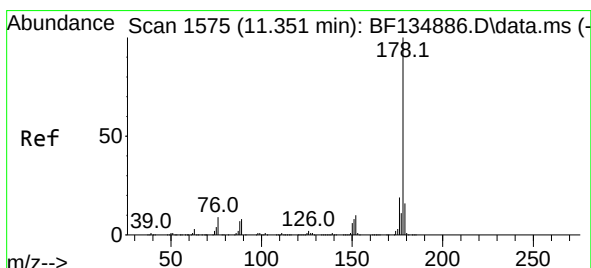
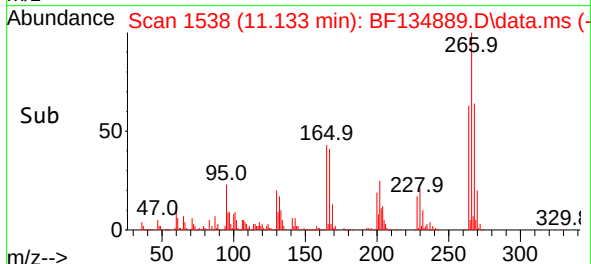
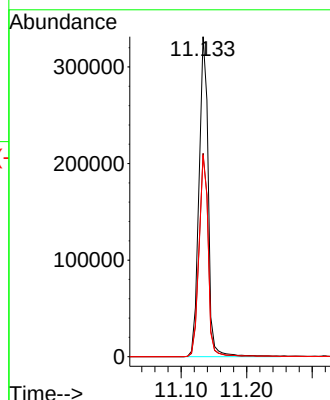
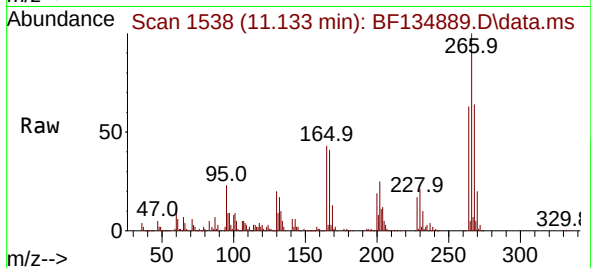
264 62.9 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#71

Phenanthrene

Concen: 68.047 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

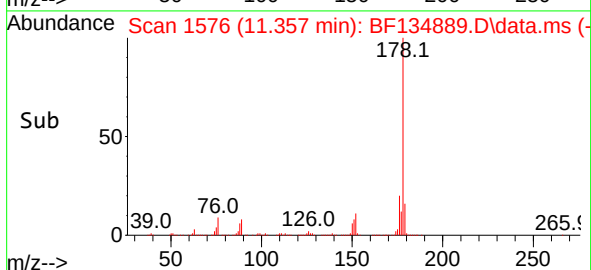
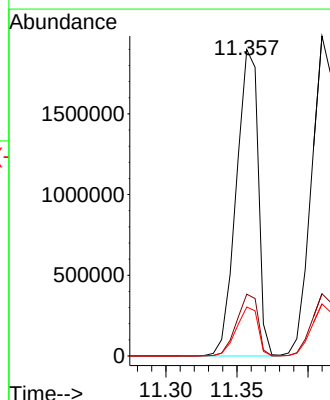
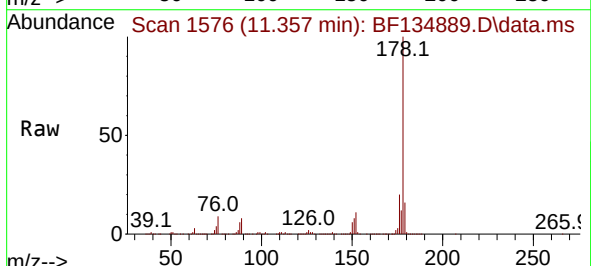
Tgt Ion:178 Resp: 2037596

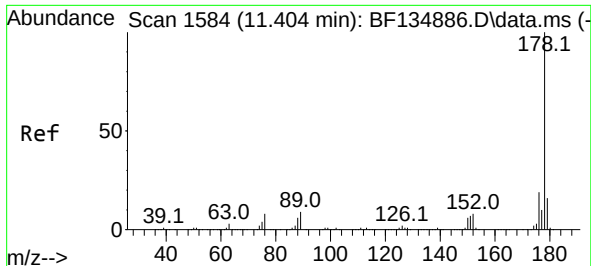
Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

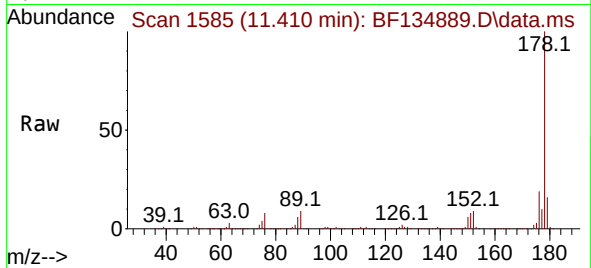
179 16.0 12.6 19.0





#72
 Anthracene
 Concen: 67.368 ng
 RT: 11.410 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134889.D
 Acq: 22 Aug 2023 16:46

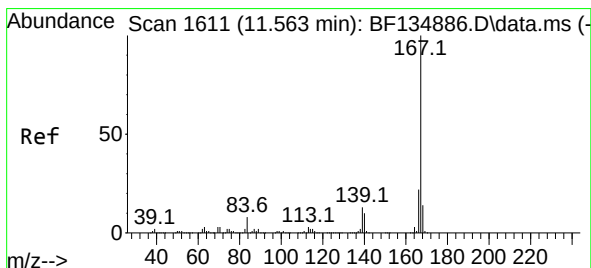
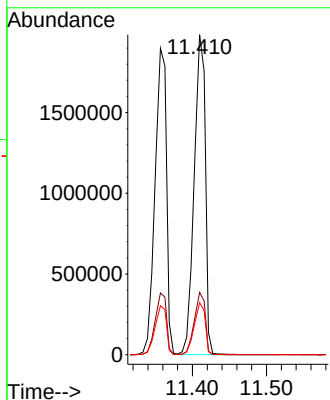
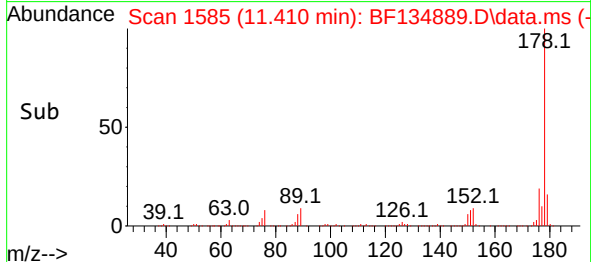
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



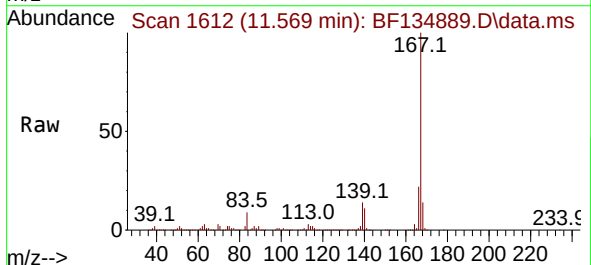
Tgt Ion:178 Resp: 206687
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.0 22.6
 179 16.2 12.5 18.7

Manual Integrations
 APPROVED

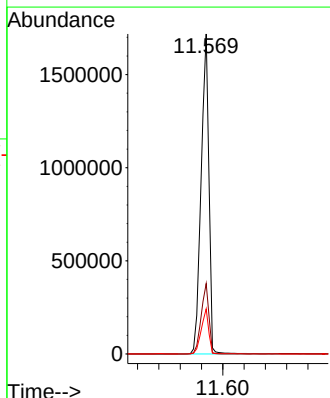
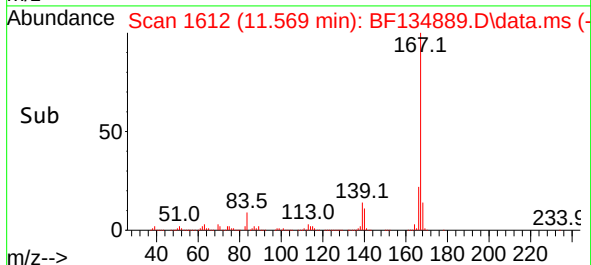
Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

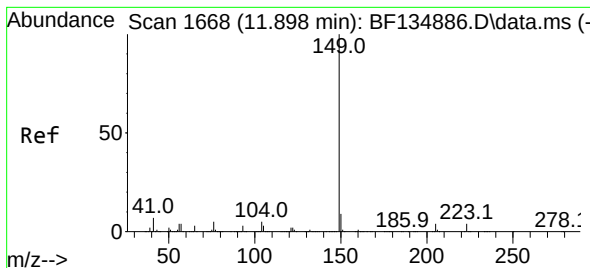


#73
 Carbazole
 Concen: 68.833 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.006 min
 Lab File: BF134889.D
 Acq: 22 Aug 2023 16:46



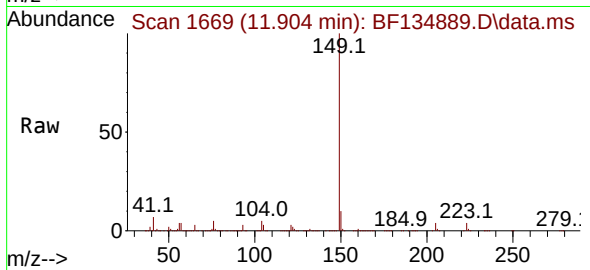
Tgt Ion:167 Resp: 1740172
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 14.1 10.4 15.6





#74
Di-n-butylphthalate
Concen: 68.413 ng
RT: 11.904 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

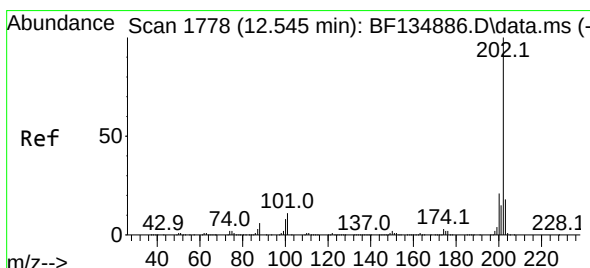
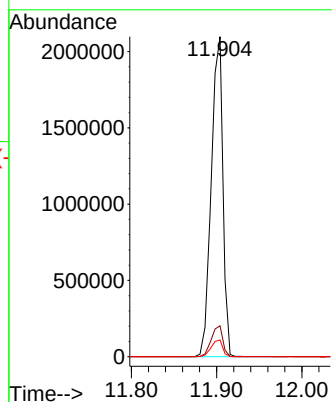
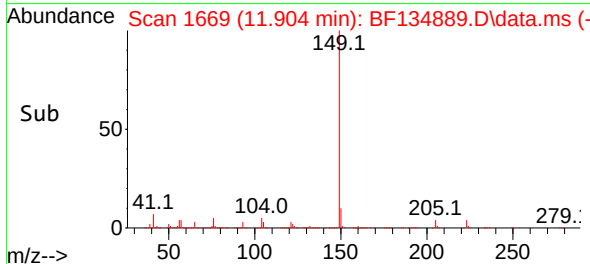
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



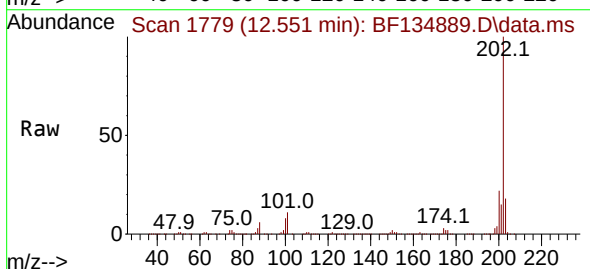
Tgt Ion:149 Resp: 1983640
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.2
104 5.2 4.1 6.1

Manual Integrations
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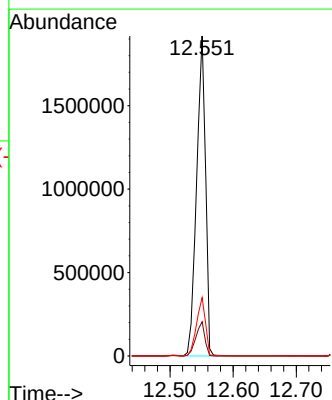
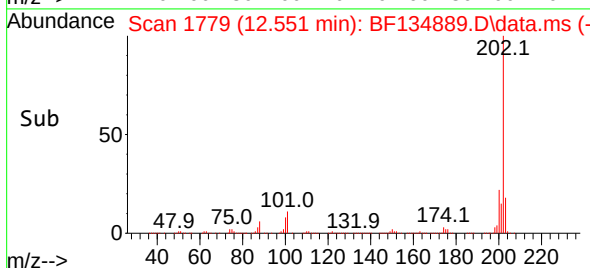
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

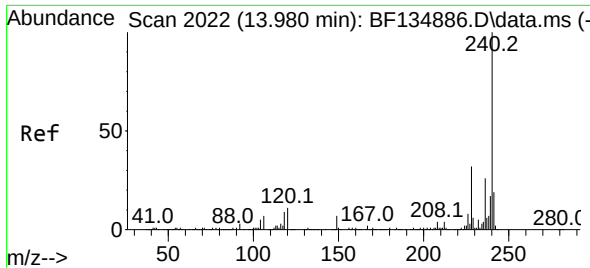


#75
Fluoranthene
Concen: 66.224 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



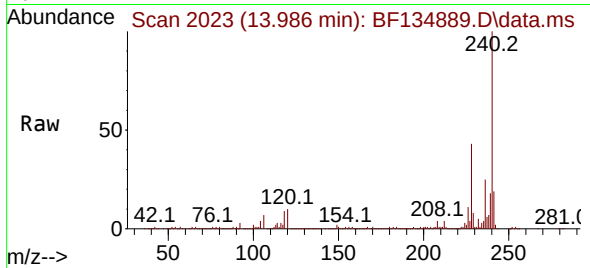
Tgt Ion:202 Resp: 1878908
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.5
203 18.2 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

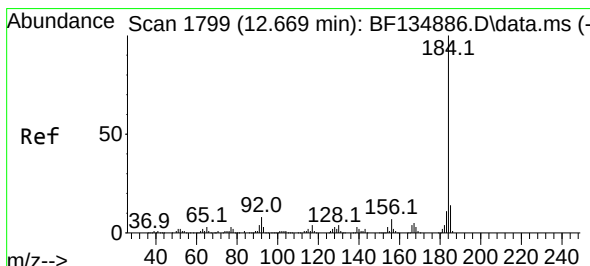
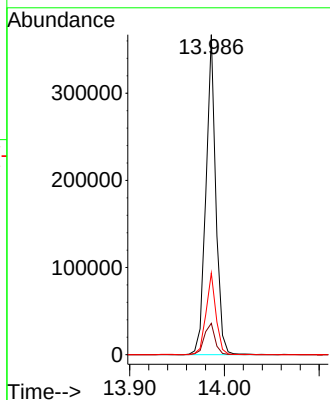
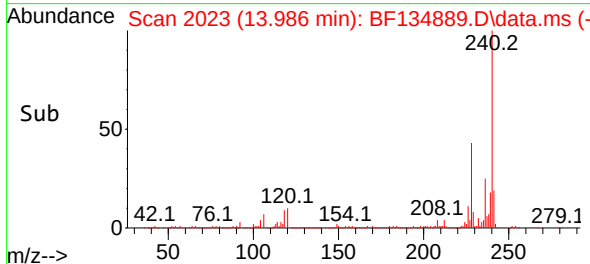
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



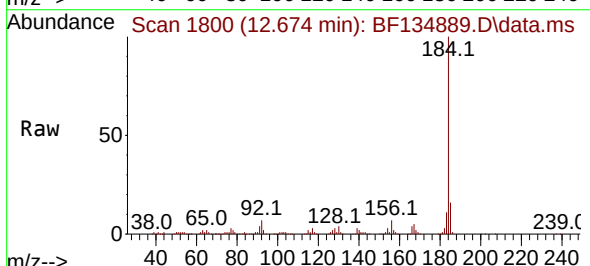
Tgt Ion:240 Resp: 264774
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.5 20.6 31.0

Manual Integrations
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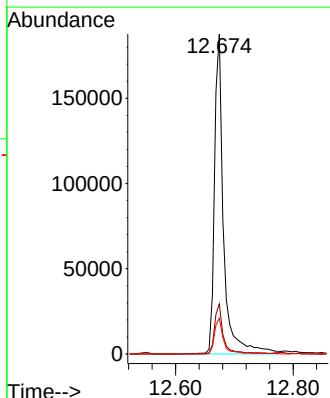
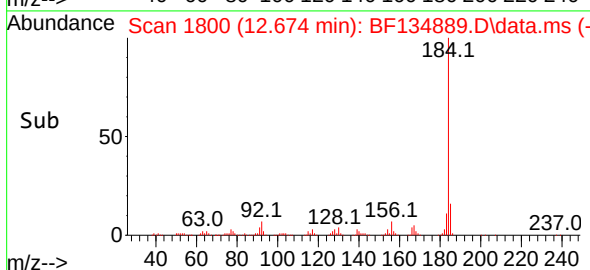
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

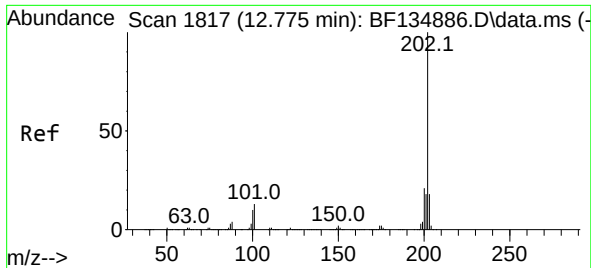


#77
Benzidine
Concen: 47.077 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



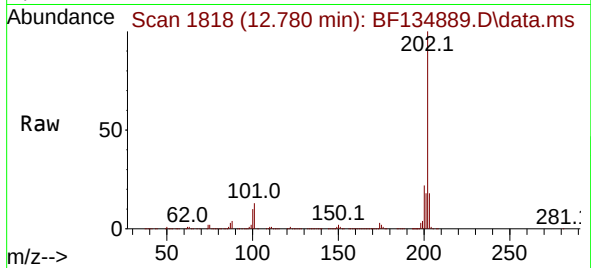
Tgt Ion:184 Resp: 202240
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.0
183 11.1 9.0 13.4





#78
Pyrene
Concen: 66.410 ng
RT: 12.780 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

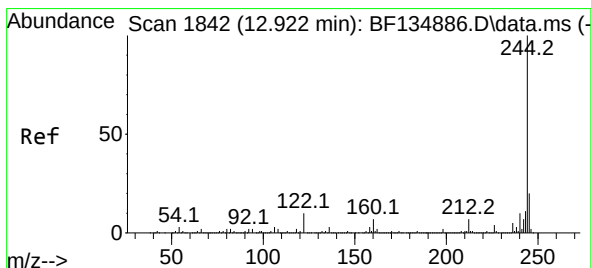
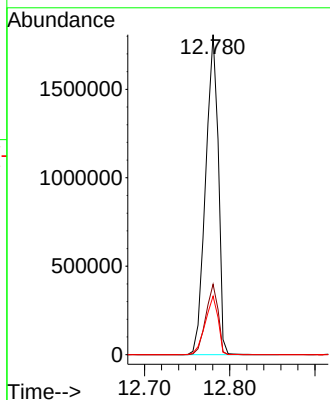
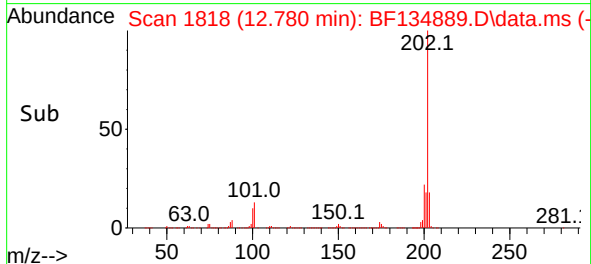
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1864330
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.3 14.2 21.2

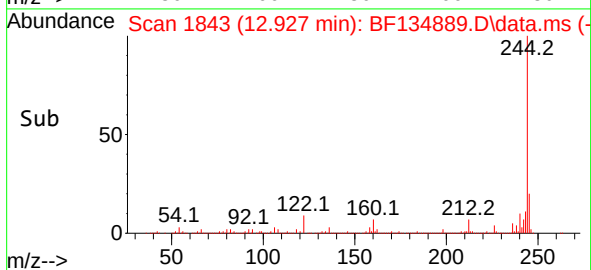
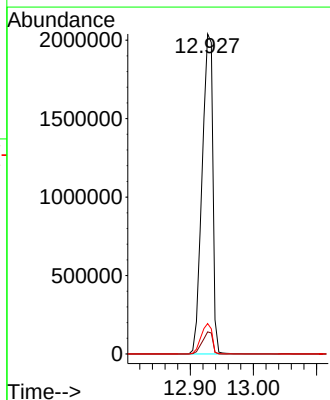
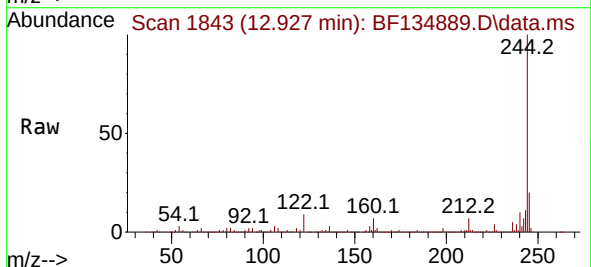
Manual Integrations
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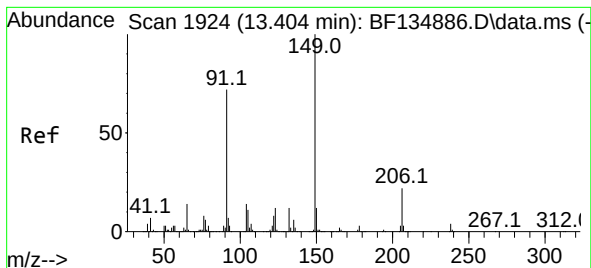
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#79
Terphenyl-d14
Concen: 120.258 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.005 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:244 Resp: 2400225
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 9.5 8.2 12.4





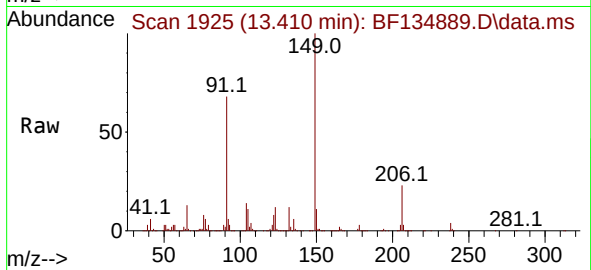
#80
Butylbenzylphthalate
Concen: 72.784 ng
RT: 13.410 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

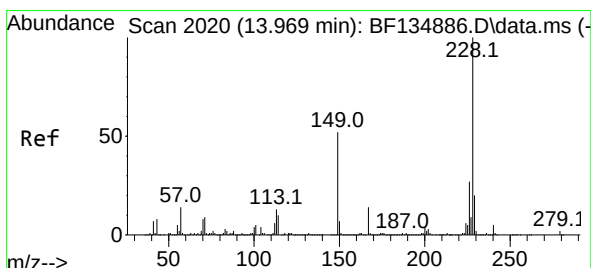
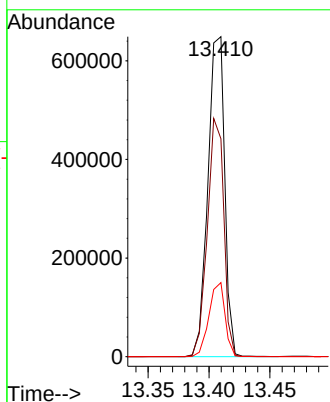
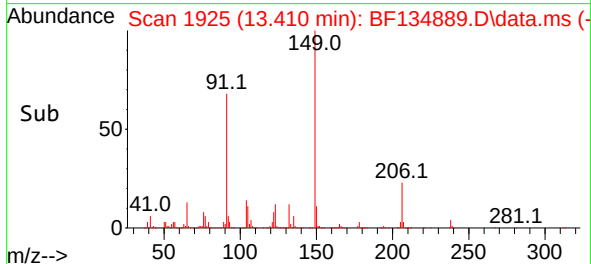


Tgt Ion:149 Resp: 622529
Ion Ratio Lower Upper
149 100
91 68.1 57.2 85.8
206 23.2 18.0 27.0

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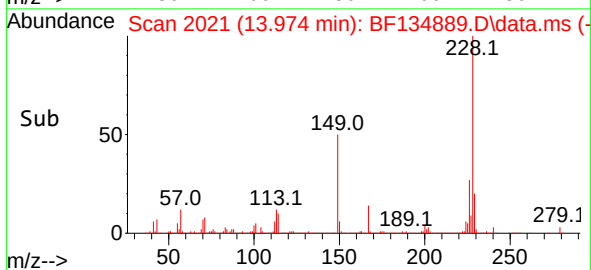
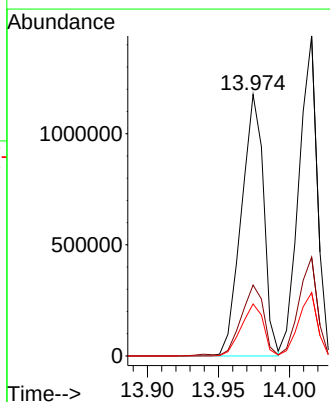
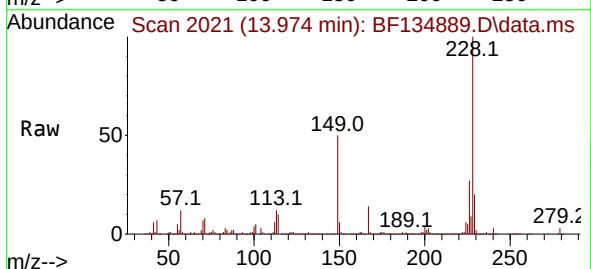
APPROVED

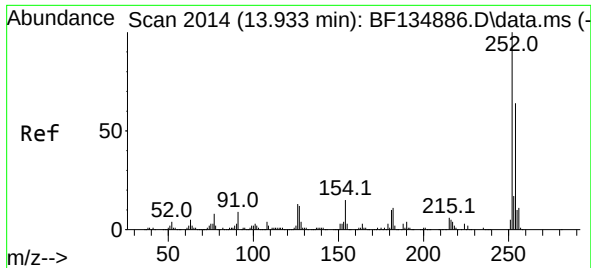
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023



#81
Benzo(a)anthracene
Concen: 71.004 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Tgt Ion:228 Resp: 1282686
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.9 15.6 23.4





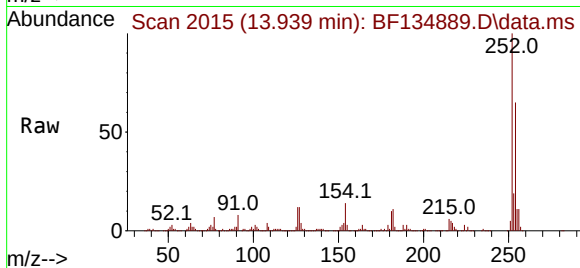
#82
3,3'-Dichlorobenzidine
Concen: 73.253 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

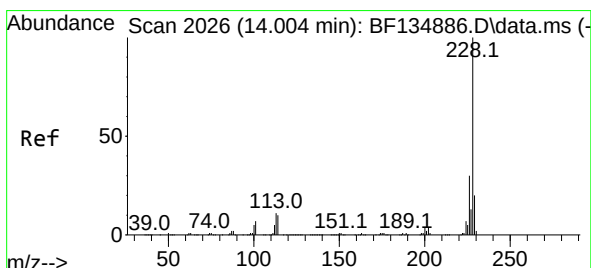
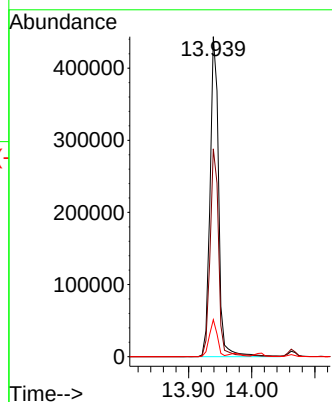
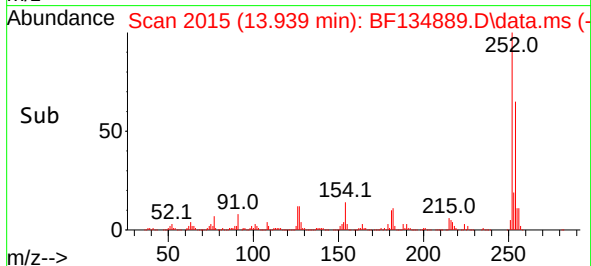


Tgt Ion:252 Resp: 418829
Ion Ratio Lower Upper
252 100
254 65.0 51.6 77.4
126 11.5 10.3 15.5

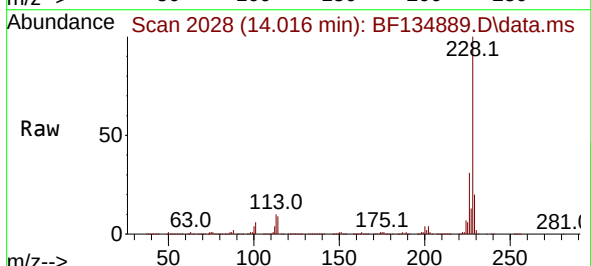
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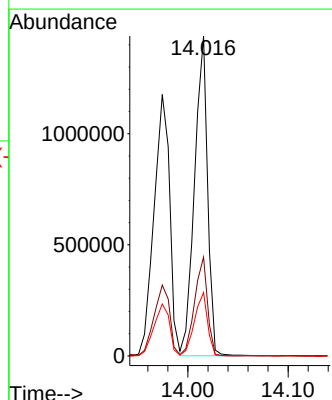
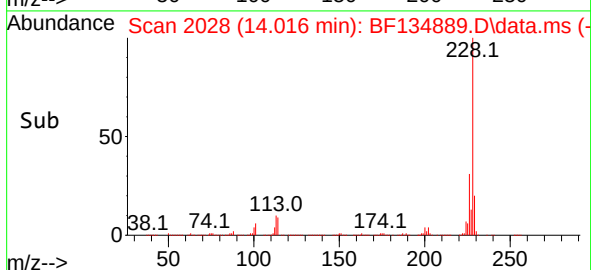
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

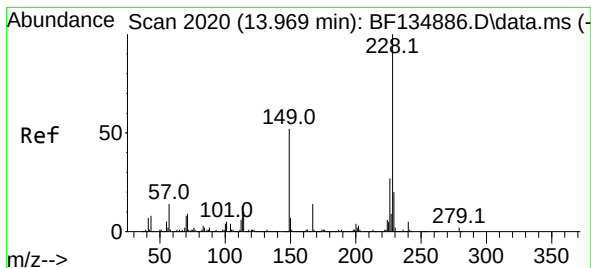


#83
Chrysene
Concen: 72.782 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



Tgt Ion:228 Resp: 1297267
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.8 16.0 24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 70.239 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 65076

Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

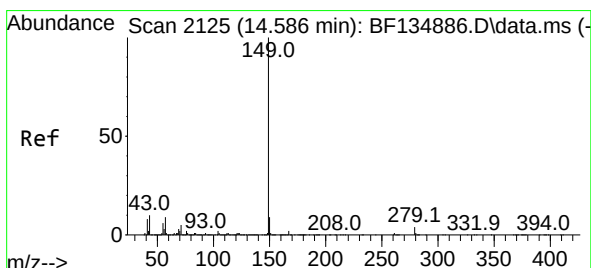
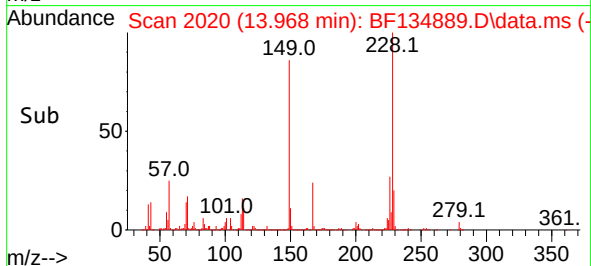
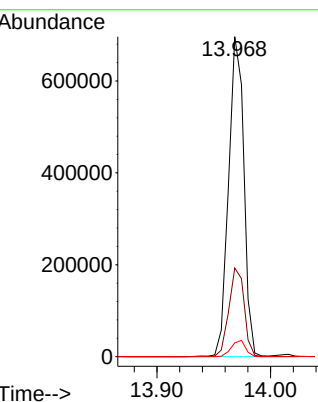
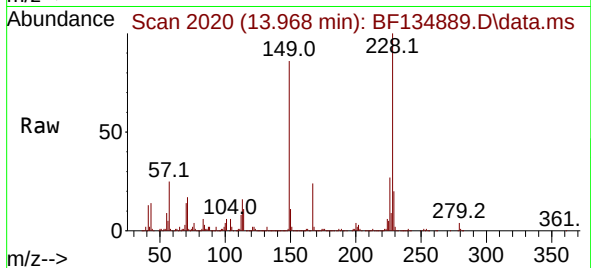
279 4.3 3.6 5.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#85

Di-n-octyl phthalate

Concen: 80.886 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

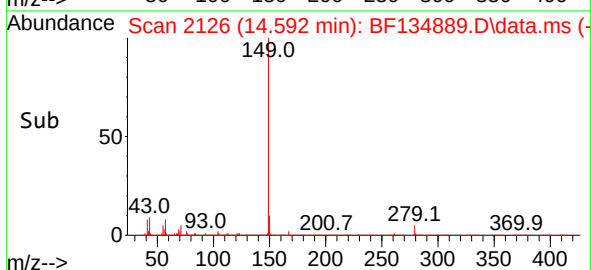
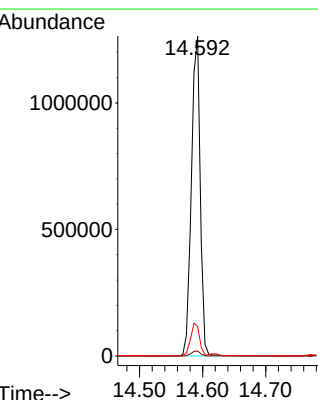
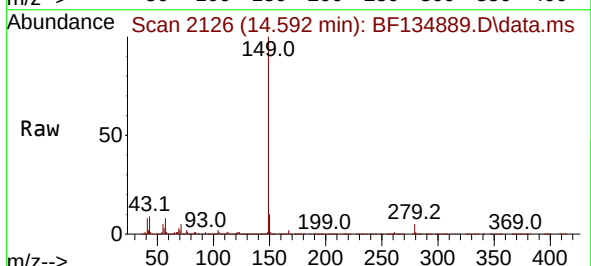
Tgt Ion:149 Resp: 1222035

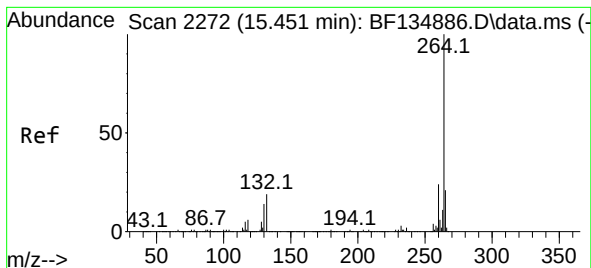
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.3 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

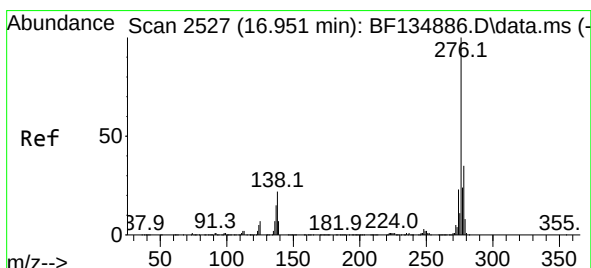
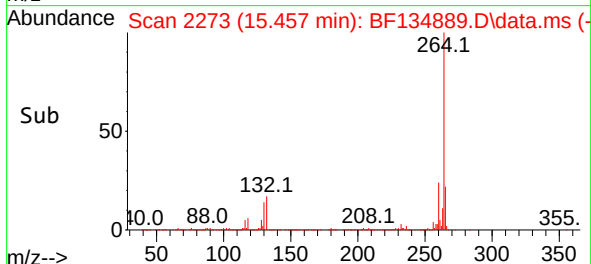
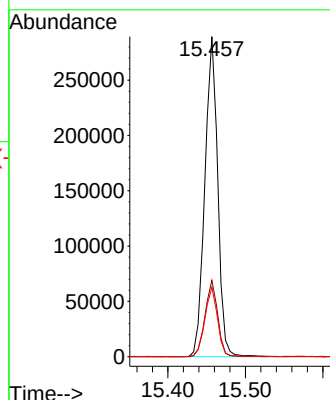
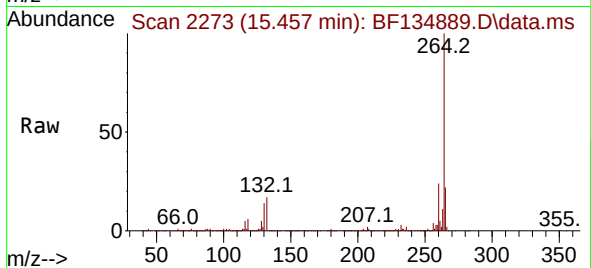
ClientSampleId :

SSTDICC080

Tgt Ion:264 Resp: 33366
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.7 17.1 25.7

Manual Integrations
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Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 75.964 ng

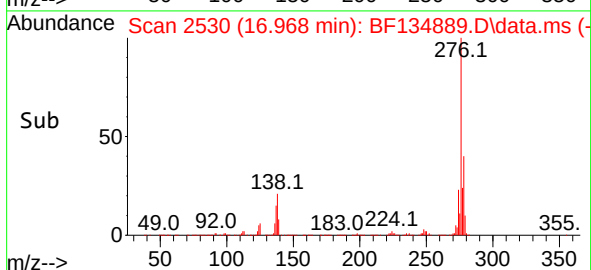
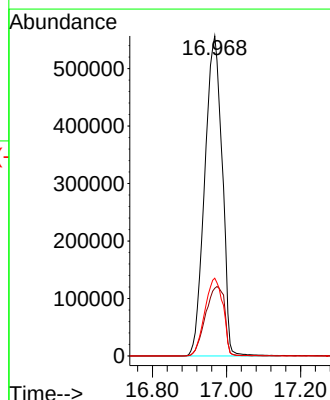
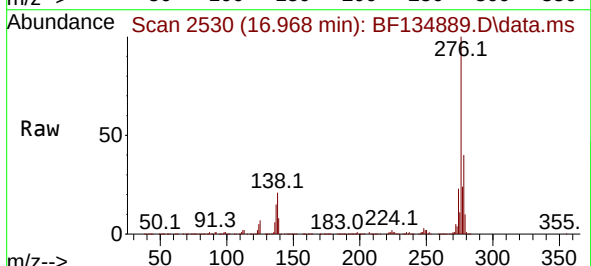
RT: 16.968 min Scan# 2530

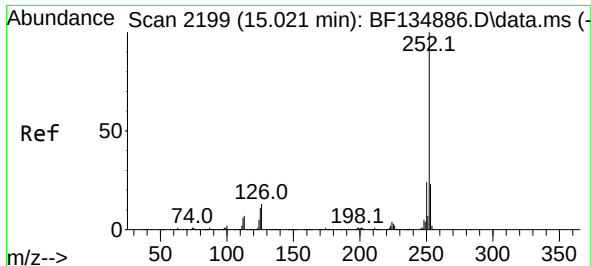
Delta R.T. 0.018 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Tgt Ion:276 Resp: 1811765
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.7 29.5
 277 25.5 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 76.555 ng

RT: 15.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 144116

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

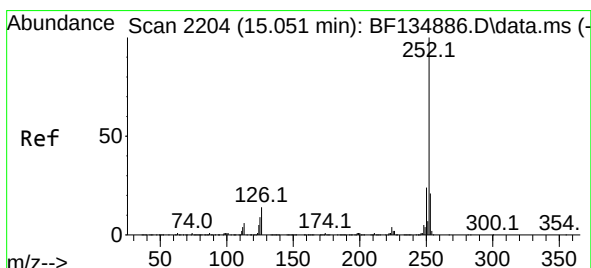
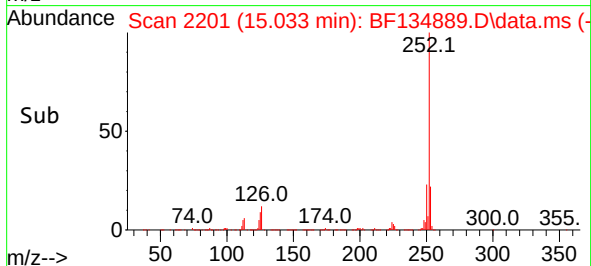
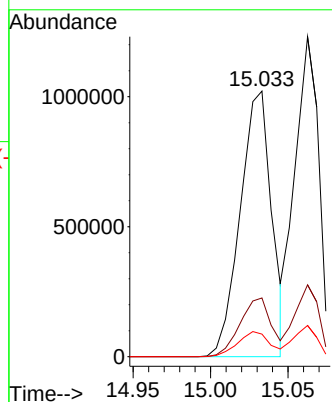
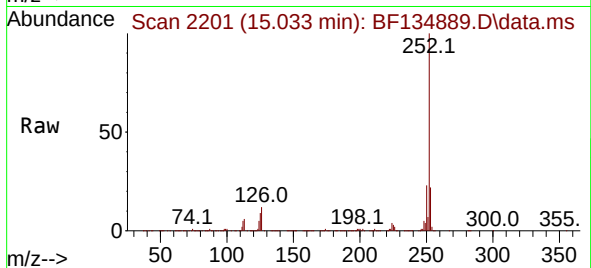
125 8.5 8.4 12.6

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Reviewed By :Yogesh Patel 08/23/2023

Supervised By :mohammad ahmed 08/23/2023



#89

Benzo(k)fluoranthene

Concen: 72.290 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.012 min

Lab File: BF134889.D

Acq: 22 Aug 2023 16:46

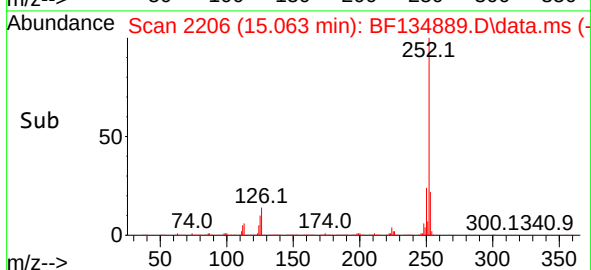
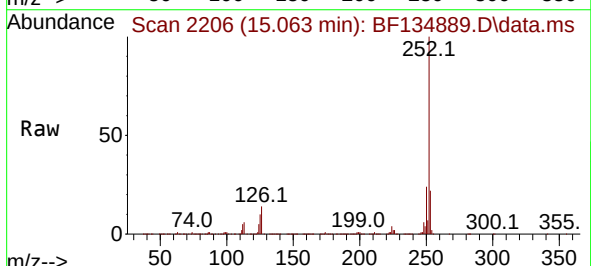
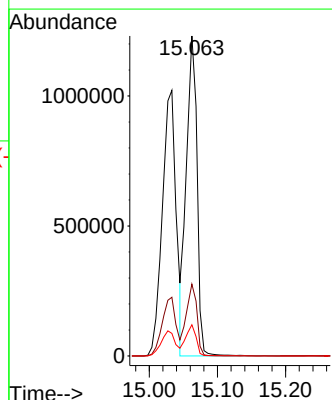
Tgt Ion:252 Resp: 1336344

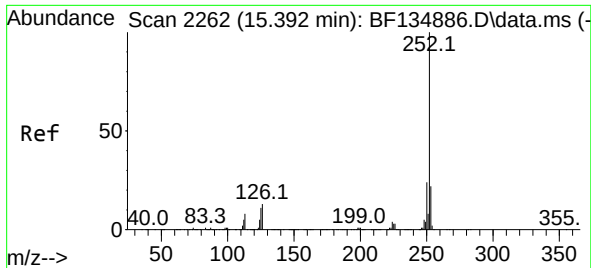
Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 9.7 8.0 12.0





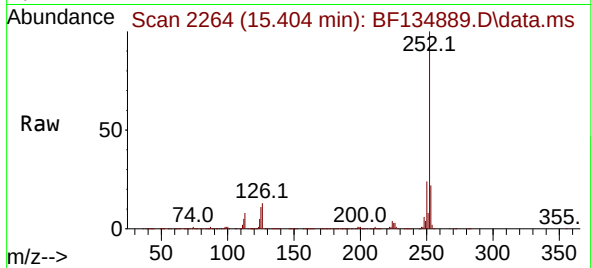
#90
Benzo(a)pyrene
Concen: 74.870 ng
RT: 15.404 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

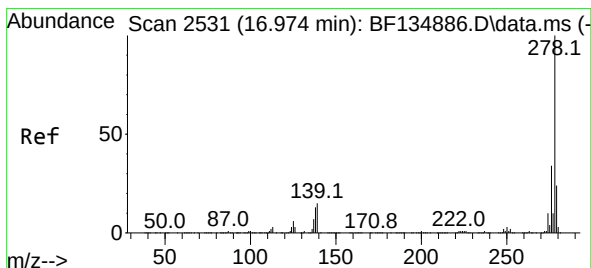
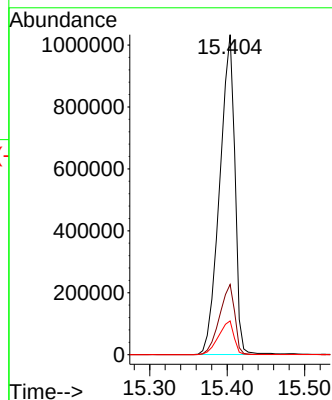
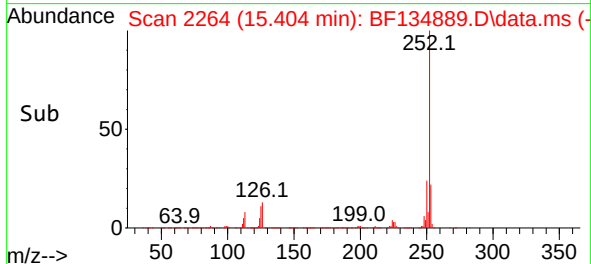


Tgt Ion:252 Resp: 1407024
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.6 8.4 12.6

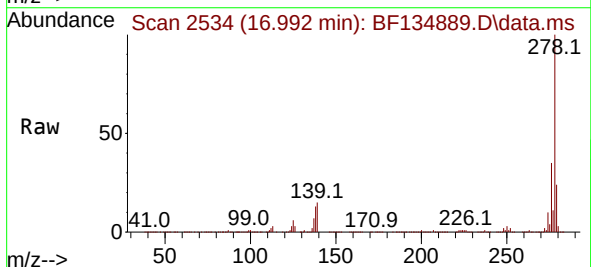
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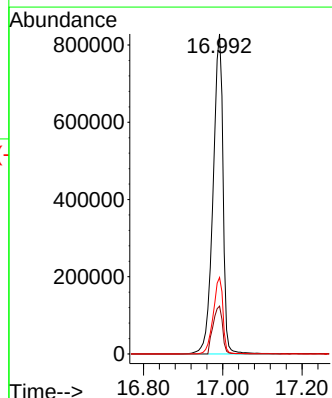
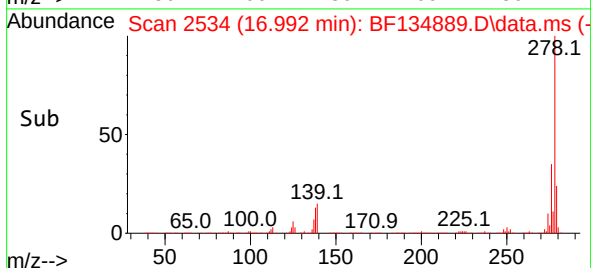
Reviewed By :Yogesh Patel 08/23/2023
Supervised By :mohammad ahmed 08/23/2023

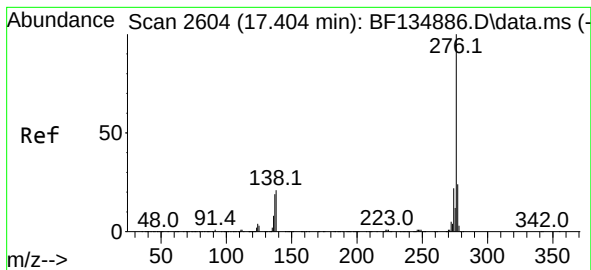


#91
Dibenzo(a,h)anthracene
Concen: 74.808 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.018 min
Lab File: BF134889.D
Acq: 22 Aug 2023 16:46



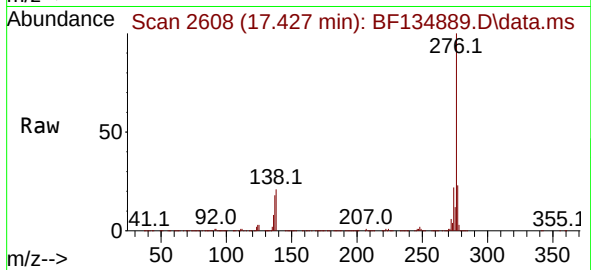
Tgt Ion:278 Resp: 1443614
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 23.9 19.1 28.7





#92
 Benzo(g,h,i)perylene
 Concen: 76.236 ng
 RT: 17.427 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: BF134889.D
 Acq: 22 Aug 2023 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



Tgt Ion:276 Resp: 1506024
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.2 28.8
 138 21.2 17.0 25.6

Manual Integrations
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Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

