

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131897.D
 Acq On : 04 Jan 2023 14:01
 Operator : CG\JU
 Sample : N6242-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MM-4MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/05/2023
 Supervised By : Jagrut Upadhyay 01/05/2023

Quant Time: Jan 05 05:40:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	55380	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	204387	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	117287	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	214438	20.000	ng	0.00
76) Chrysene-d12	14.010	240	102889	20.000	ng	0.00
86) Perylene-d12	15.492	264	122269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	475743	142.364	ng	0.01
7) Phenol-d6	6.451	99	625993	142.581	ng	0.00
23) Nitrobenzene-d5	7.386	82	436799	85.326	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	172196	135.127	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	765943	89.450	ng	0.00
79) Terphenyl-d14	12.951	244	726688	119.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	65484	42.257	ng	96
3) Pyridine	3.316	79	181302	41.616	ng	99
4) n-Nitrosodimethylamine	3.281	42	90876	44.364	ng	99
6) Aniline	6.475	93	209742	39.391	ng	94
8) 2-Chlorophenol	6.598	128	167029	47.442	ng	94
9) Benzaldehyde	6.363	77	113340	40.233	ng	98
10) Phenol	6.463	94	238343	45.586	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	174193	46.590	ng	98
12) 1,3-Dichlorobenzene	6.751	146	186448	46.341	ng	97
13) 1,4-Dichlorobenzene	6.834	146	189124	46.643	ng	96
14) 1,2-Dichlorobenzene	6.981	146	177243	46.521	ng	98
15) Benzyl Alcohol	6.963	79	181428	47.123	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	226865	47.548	ng	99
17) 2-Methylphenol	7.075	107	148562	46.157	ng	98
18) Hexachloroethane	7.328	117	75879	46.344	ng	91
19) n-Nitroso-di-n-propyla...	7.234	70	143595	46.310	ng	98
20) 3+4-Methylphenols	7.228	107	191674	45.641	ng	96
22) Acetophenone	7.228	105	271727	45.348	ng	100
24) Nitrobenzene	7.404	77	225275	43.910	ng	99
25) Isophorone	7.645	82	396441	47.421	ng	100
26) 2-Nitrophenol	7.722	139	90099	45.169	ng	98
27) 2,4-Dimethylphenol	7.757	122	151118	53.111	ng	95
28) bis(2-Chloroethoxy)met...	7.857	93	218899	48.807	ng	99
29) 2,4-Dichlorophenol	7.963	162	154161	44.971	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	178397	43.893	ng	99
31) Naphthalene	8.128	128	483153	43.164	ng	100
32) Benzoic acid	7.886	122	73861	35.516	ng	92
33) 4-Chloroaniline	8.181	127	121658	28.326	ng	98
34) Hexachlorobutadiene	8.239	225	119103	42.833	ng	99
35) Caprolactam	8.551	113	41537m	40.925	ng	
36) 4-Chloro-3-methylphenol	8.669	107	172517	44.529	ng	96
37) 2-Methylnaphthalene	8.822	142	326583	43.473	ng	100
38) 1-Methylnaphthalene	8.922	142	301650	41.339	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	191013	46.382	ng	99
41) Hexachlorocyclopentadiene	8.969	237	179624	96.168	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	115715	43.871	ng	99

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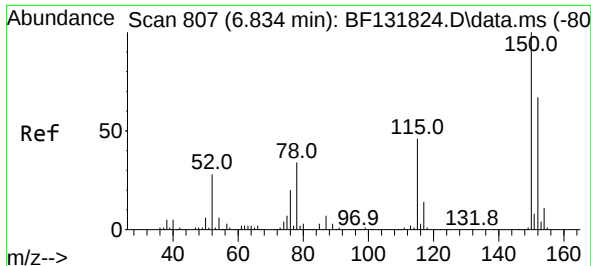
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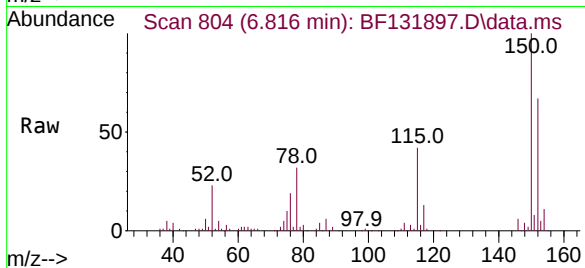
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	120276	42.185	ng	94
46) 1,1'-Biphenyl	9.286	154	409449	45.598	ng	99
47) 2-Chloronaphthalene	9.310	162	327983	44.150	ng	97
48) 2-Nitroaniline	9.416	65	112968	41.487	ng	97
49) Acenaphthylene	9.728	152	494046	44.662	ng	99
50) Dimethylphthalate	9.592	163	388773	43.815	ng	99
51) 2,6-Dinitrotoluene	9.657	165	83395	43.416	ng	98
52) Acenaphthene	9.904	154	291432	43.653	ng	99
53) 3-Nitroaniline	9.828	138	54055	27.619	ng	94
54) 2,4-Dinitrophenol	9.939	184	84672	76.600	ng	95
55) Dibenzofuran	10.075	168	454574	44.194	ng	100
56) 4-Nitrophenol	9.998	139	109331	79.743	ng	89
57) 2,4-Dinitrotoluene	10.063	165	112703	42.904	ng	97
58) Fluorene	10.422	166	357039	42.519	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	89960m	38.448	ng	
60) Diethylphthalate	10.292	149	367901	43.079	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	195278	44.735	ng	99
62) 4-Nitroaniline	10.445	138	77948	38.215	ng	97
63) Azobenzene	10.569	77	411461	43.413	ng	95
65) 4,6-Dinitro-2-methylph...	10.475	198	58182	39.850	ng	91
66) n-Nitrosodiphenylamine	10.533	169	300212	45.895	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	114649	46.130	ng	98
68) Hexachlorobenzene	10.963	284	124030	45.429	ng	99
69) Atrazine	11.063	200	108342	50.310	ng	95
70) Pentachlorophenol	11.169	266	116029	85.886	ng	99
71) Phenanthrene	11.386	178	500818	42.470	ng	99
72) Anthracene	11.439	178	508112	44.047	ng	100
73) Carbazole	11.598	167	432451	42.464	ng	98
74) Di-n-butylphthalate	11.921	149	543741	44.173	ng	100
75) Fluoranthene	12.580	202	487996	35.528	ng	99
77) Benzidine	12.704	184	196870	116.433	ng	99
78) Pyrene	12.810	202	479536	55.606	ng	99
80) Butylbenzylphthalate	13.427	149	173809	54.338	ng	93
81) Benzo(a)anthracene	14.004	228	336358	45.153	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	75133	34.895	ng	99
83) Chrysene	14.039	228	314704	44.957	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	221094	56.769	ng	# 97
85) Di-n-octyl phthalate	14.604	149	347557	66.292	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	411576	52.985	ng	99
88) Benzo(b)fluoranthene	15.057	252	361925	40.370	ng	99
89) Benzo(k)fluoranthene	15.092	252	338741	39.105	ng	99
90) Benzo(a)pyrene	15.427	252	314183	45.265	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	344734	54.180	ng	99
92) Benzo(g,h,i)perylene	17.427	276	334810	44.872	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

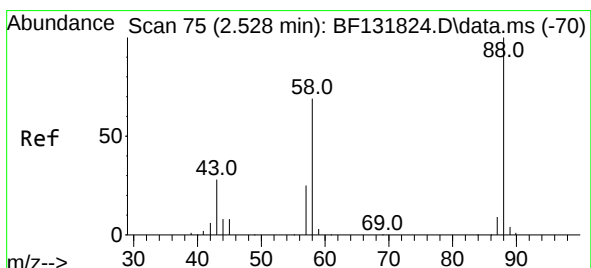
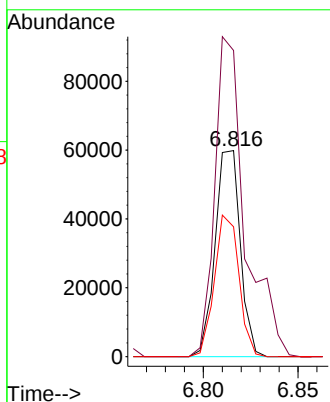
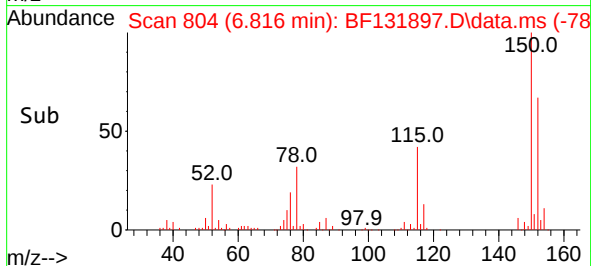
Instrument :
 BNA_F
 ClientSampleId :
 MM-4MS



Tgt Ion:152 Resp: 55380
 Ion Ratio Lower Upper
 152 100
 150 148.7 120.0 180.0
 115 63.1 55.1 82.7

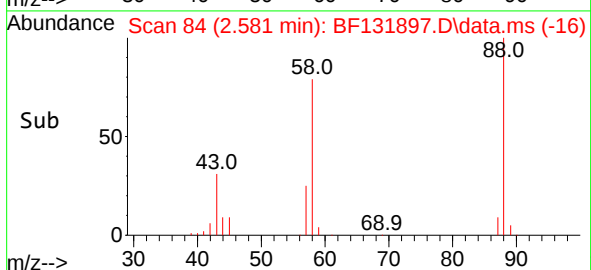
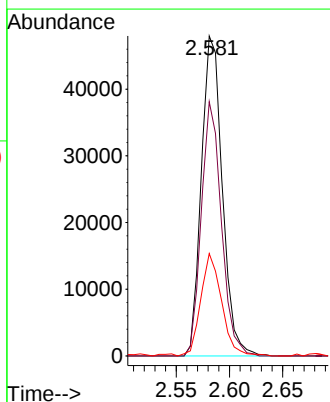
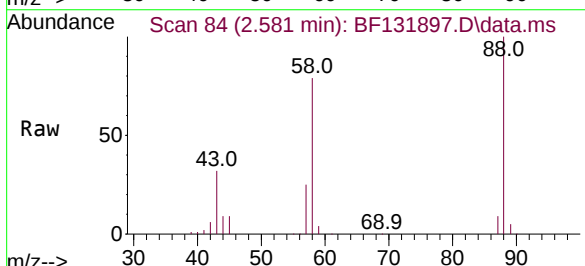
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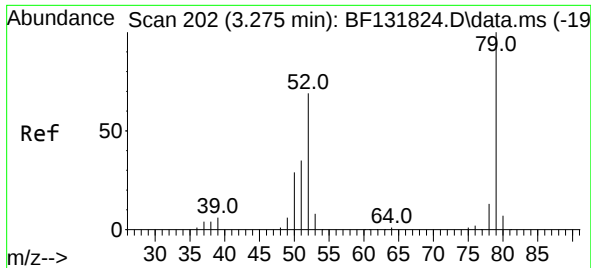
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#2
 1,4-Dioxane
 Concen: 42.257 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.053 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

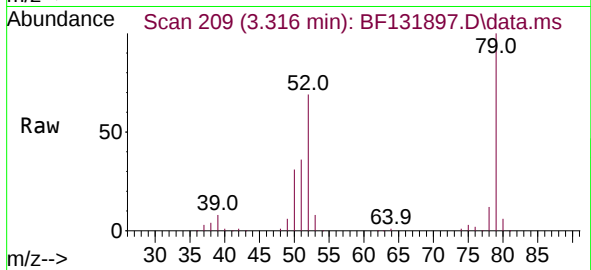
Tgt Ion: 88 Resp: 65484
 Ion Ratio Lower Upper
 88 100
 58 76.1 58.2 87.2
 43 31.8 24.2 36.4





#3
Pyridine
Concen: 41.616 ng
RT: 3.316 min Scan# 203
Delta R.T. 0.053 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

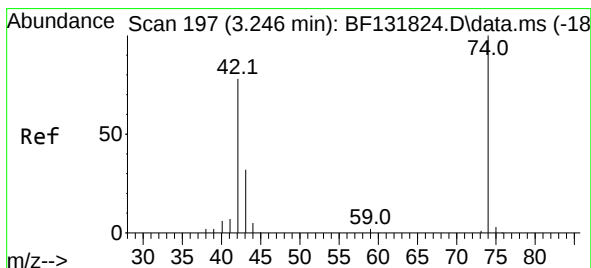
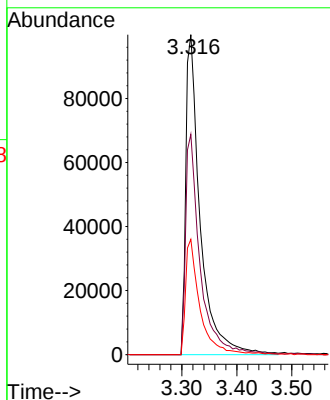
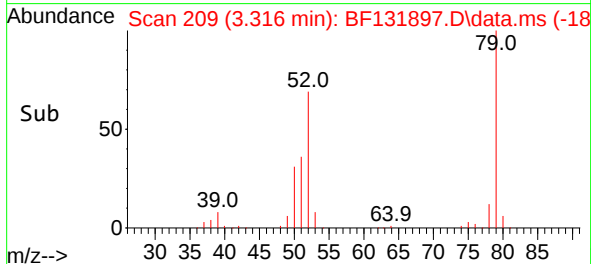
Instrument :
BNA_F
ClientSampleId :
MM-4MS



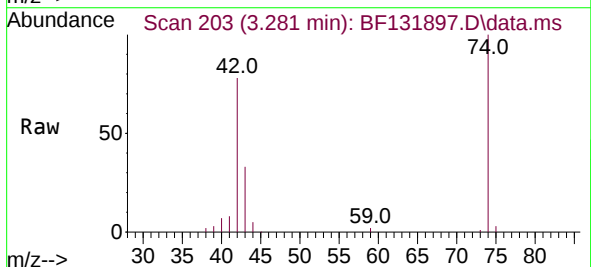
Tgt Ion: 79 Resp: 181302
Ion Ratio Lower Upper
79 100
52 68.8 55.4 83.2
51 36.0 27.8 41.8

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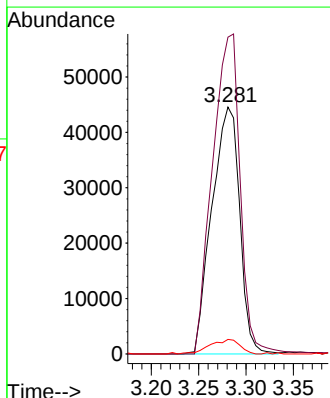
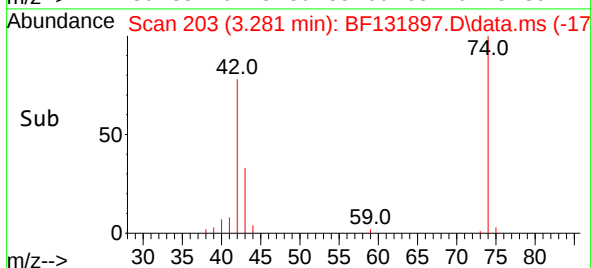
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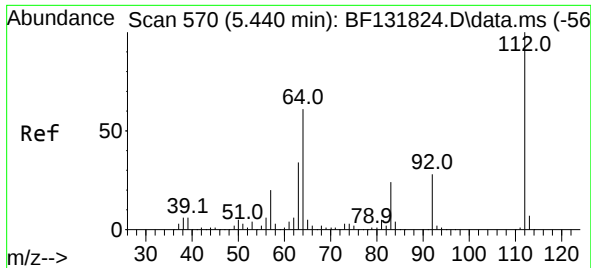


#4
n-Nitrosodimethylamine
Concen: 44.364 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.041 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion: 42 Resp: 90876
Ion Ratio Lower Upper
42 100
74 128.3 102.0 153.0
44 5.9 4.6 7.0





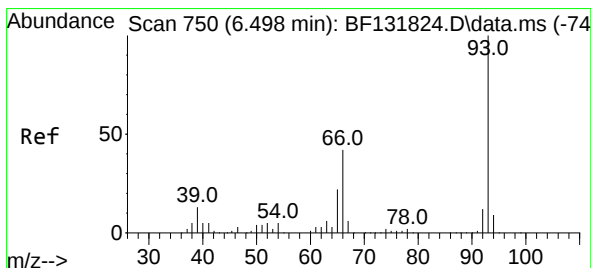
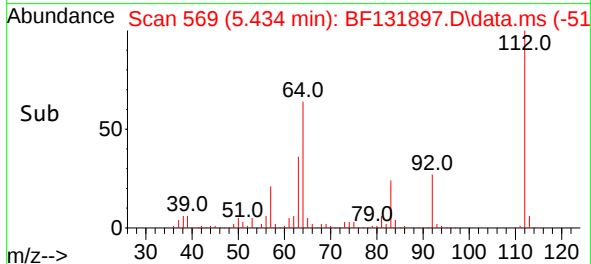
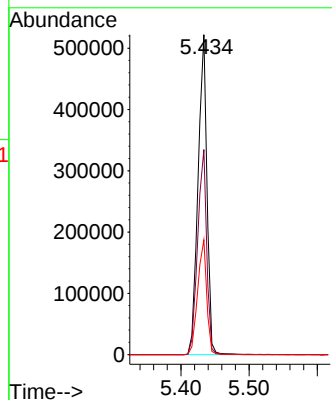
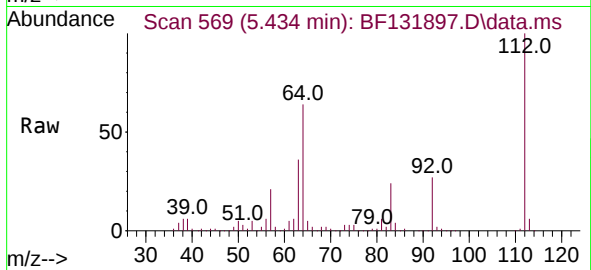
#5
2-Fluorophenol
Concen: 142.364 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Tgt Ion: 112 Resp: 475743
Ion Ratio Lower Upper
112 100
64 64.1 49.2 73.8
63 35.9 27.5 41.3

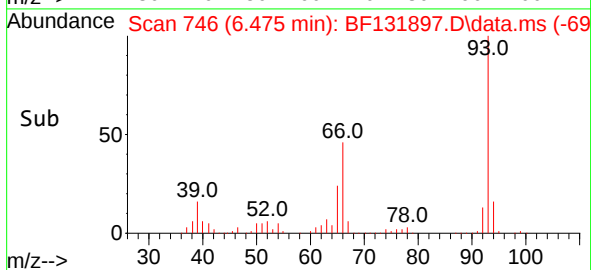
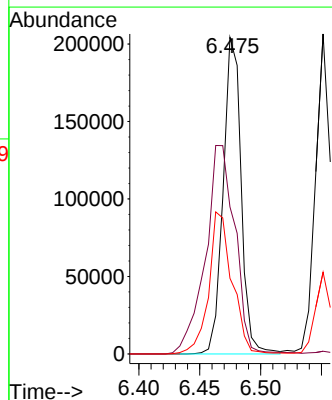
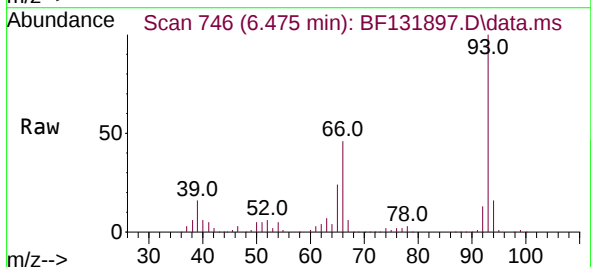
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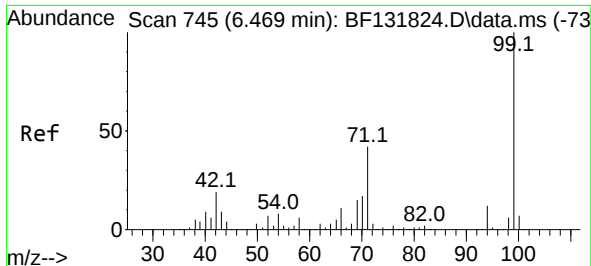
Reviewed By :Christian Giraldo 01/05/2023
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#6
Aniline
Concen: 39.391 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion: 93 Resp: 209742
Ion Ratio Lower Upper
93 100
66 46.4 33.9 50.9
65 23.9 17.4 26.0





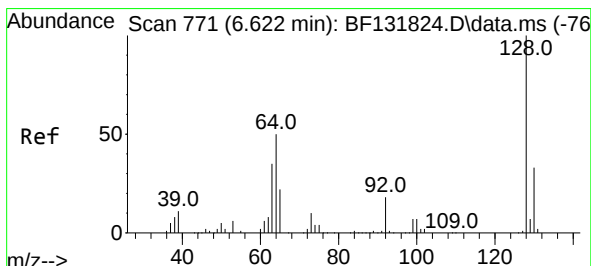
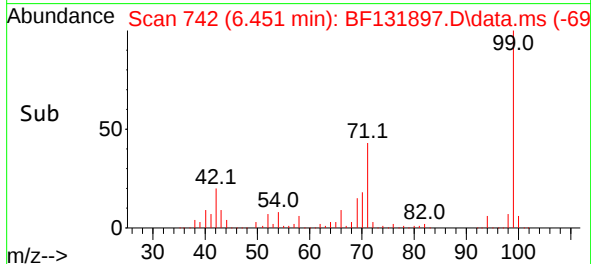
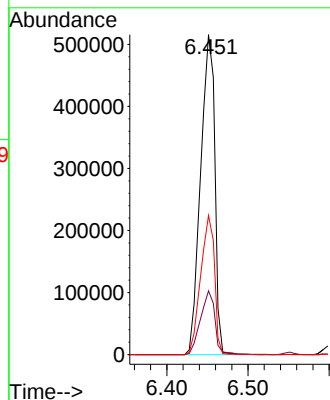
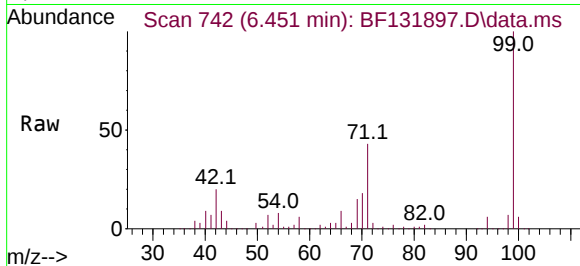
#7
Phenol-d6
Concen: 142.581 ng
RT: 6.451 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Tgt Ion: 99 Resp: 625993
Ion Ratio Lower Upper
99 100
42 19.9 15.3 22.9
71 43.5 33.5 50.3

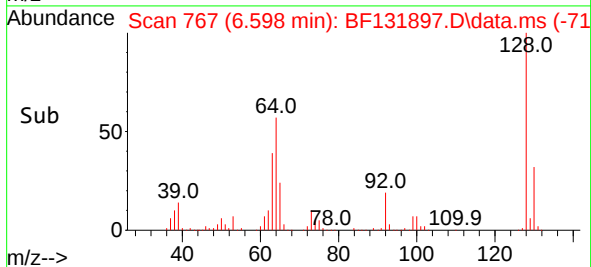
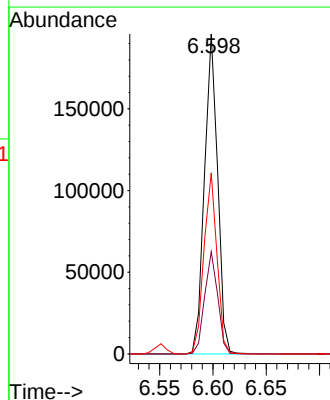
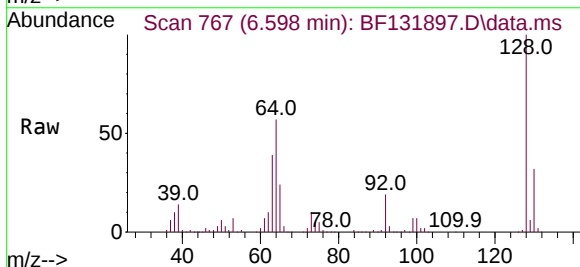
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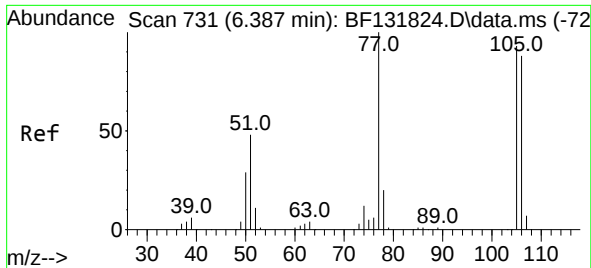
Reviewed By :Christian Giraldo 01/05/2023
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#8
2-Chlorophenol
Concen: 47.442 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:128 Resp: 167029
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 56.6 30.7 70.7





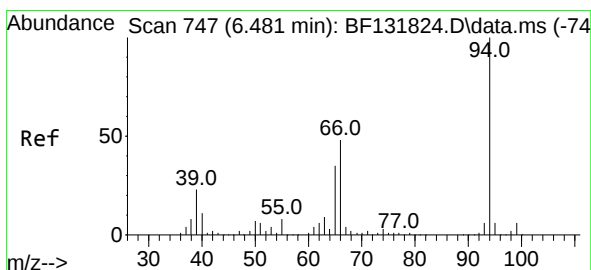
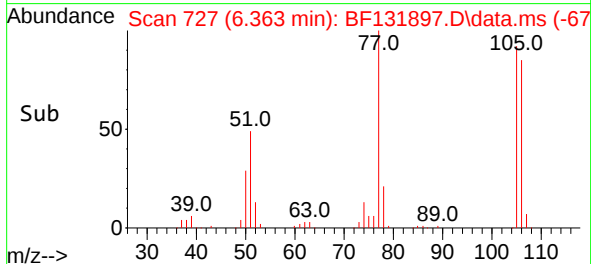
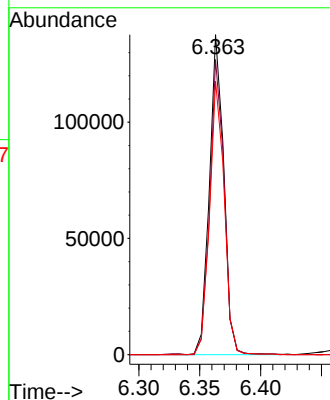
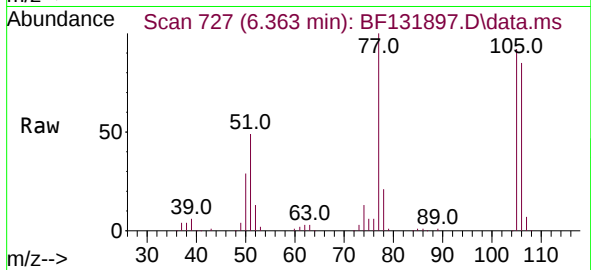
#9
Benzaldehyde
Concen: 40.233 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Tgt Ion: 77 Resp: 113340
Ion Ratio Lower Upper
77 100
105 92.2 72.9 112.9
106 85.5 68.5 108.5

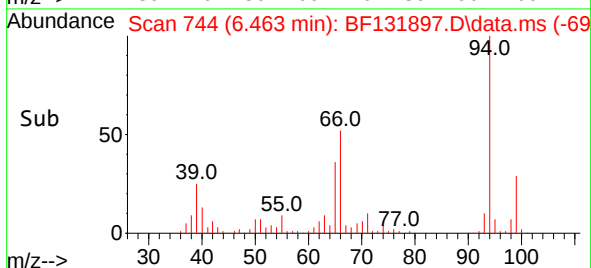
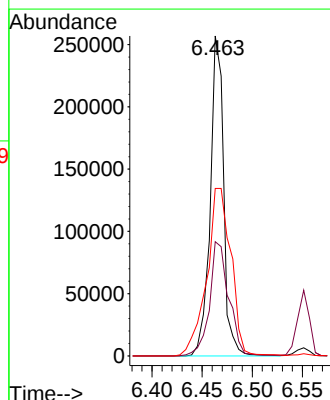
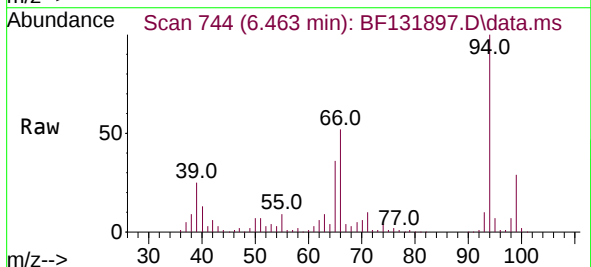
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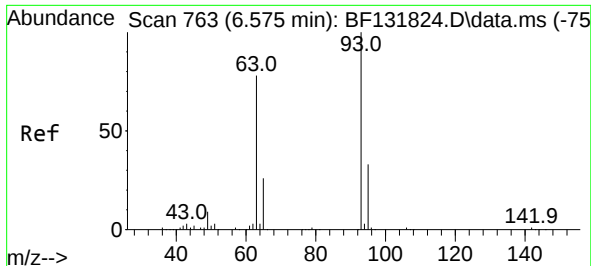
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#10
Phenol
Concen: 45.586 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion: 94 Resp: 238343
Ion Ratio Lower Upper
94 100
65 35.7 14.6 54.6
66 52.3 28.2 68.2





#11

bis(2-Chloroethyl)ether

Concen: 46.590 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

Tgt Ion: 93 Resp: 174193

Ion Ratio Lower Upper

93 100

63 80.4 57.6 97.6

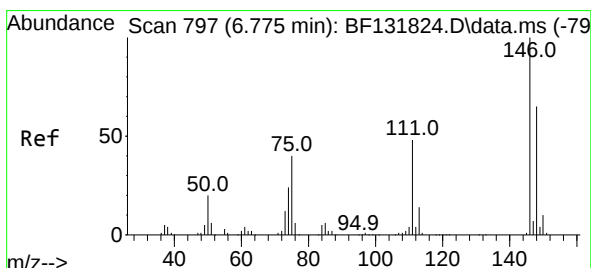
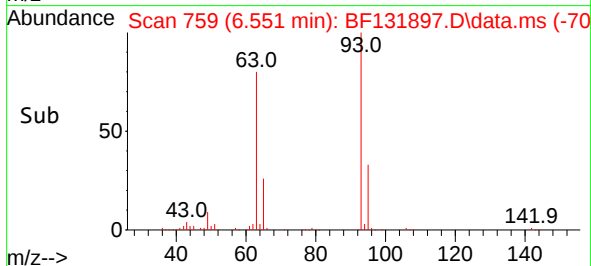
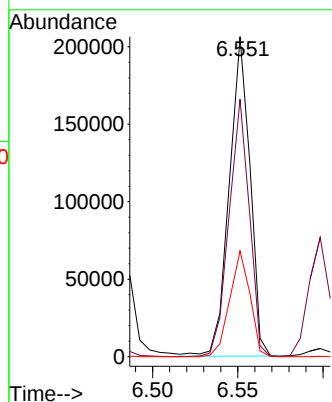
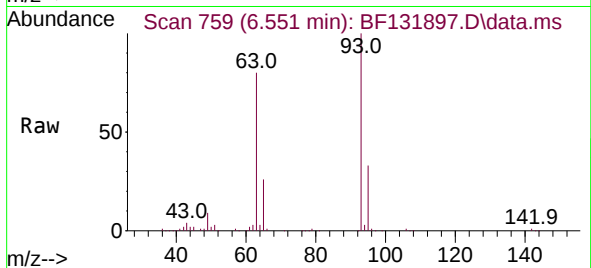
95 33.0 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#12

1,3-Dichlorobenzene

Concen: 46.341 ng

RT: 6.751 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

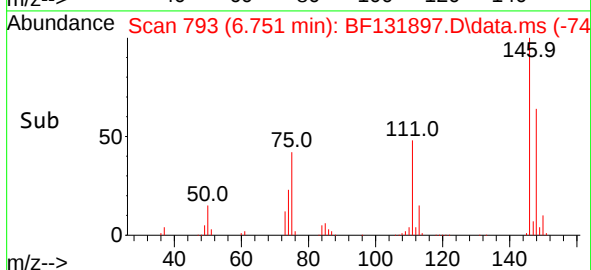
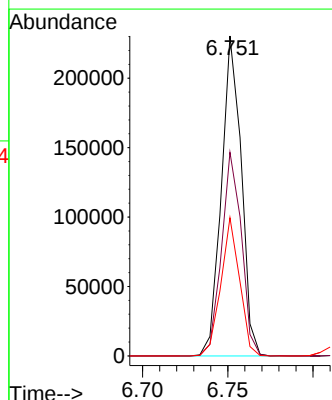
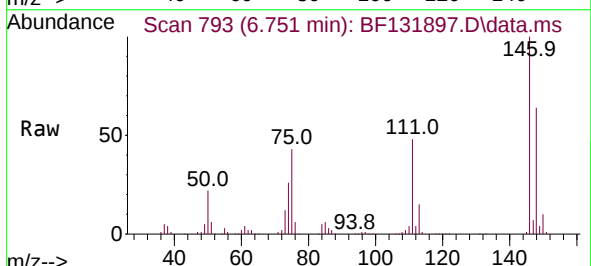
Tgt Ion:146 Resp: 186448

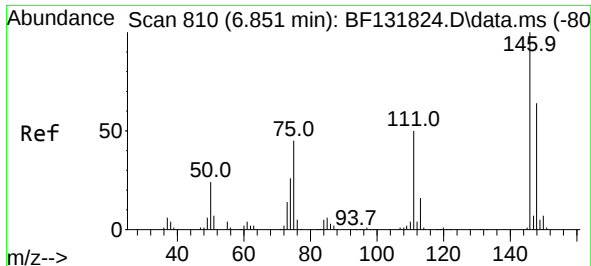
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 43.2 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 46.643 ng

RT: 6.834 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

Tgt Ion:146 Resp: 189124

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

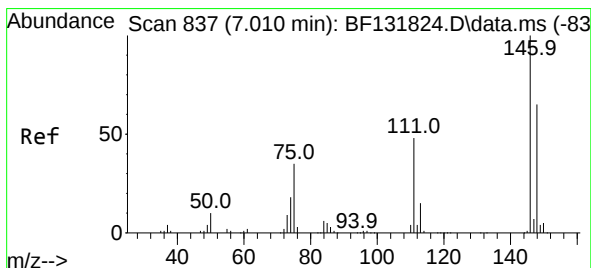
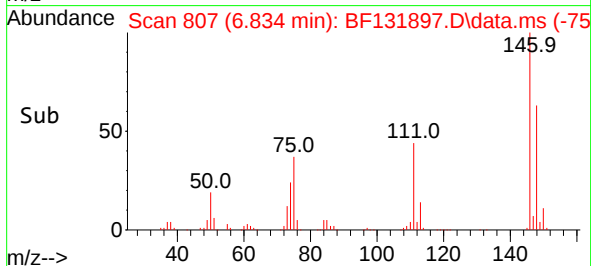
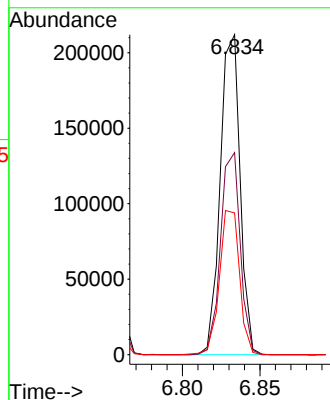
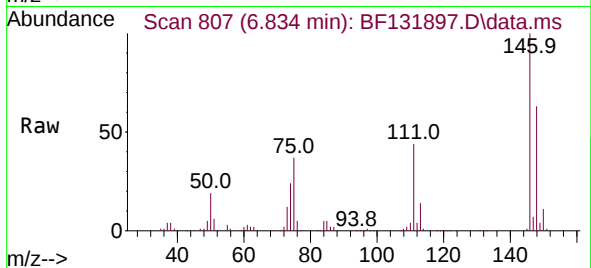
111 44.3 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#14

1,2-Dichlorobenzene

Concen: 46.521 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.012 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

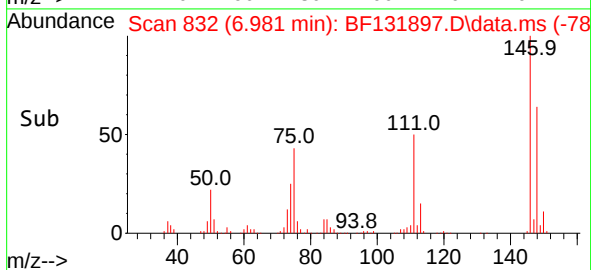
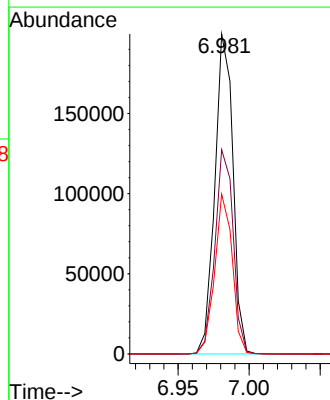
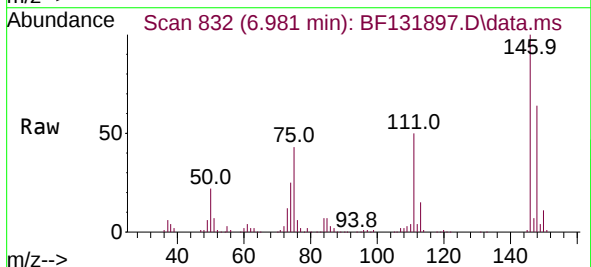
Tgt Ion:146 Resp: 177243

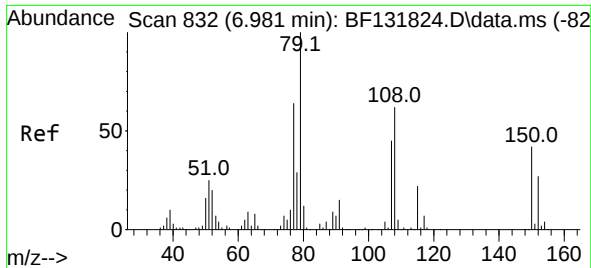
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

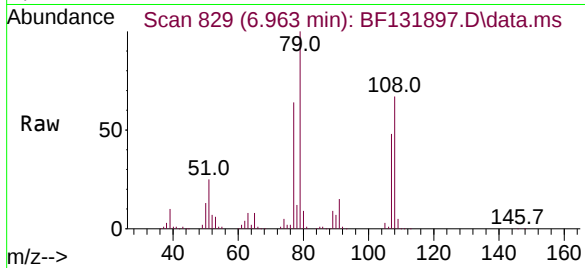
111 49.9 38.2 57.4





#15
Benzyl Alcohol
Concen: 47.123 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

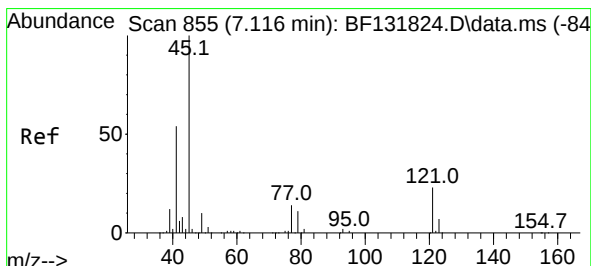
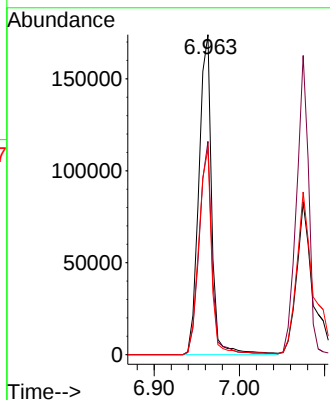
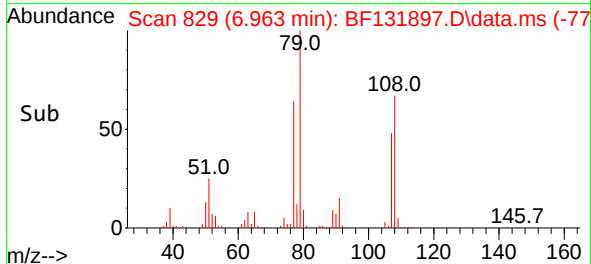
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion: 79 Resp: 181428
Ion Ratio Lower Upper
79 100
108 66.6 49.8 74.8
77 64.4 51.4 77.0

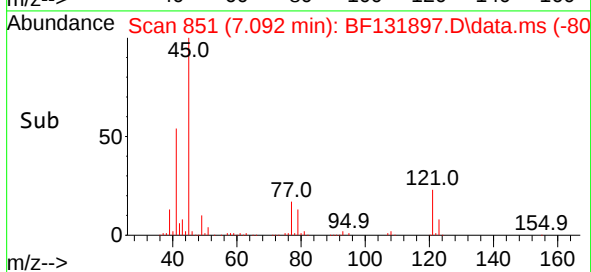
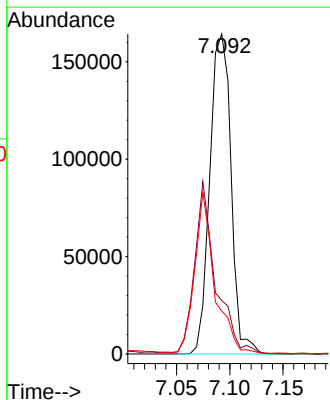
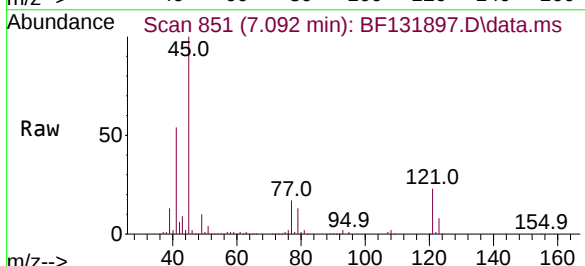
Manual Integrations
APPROVED

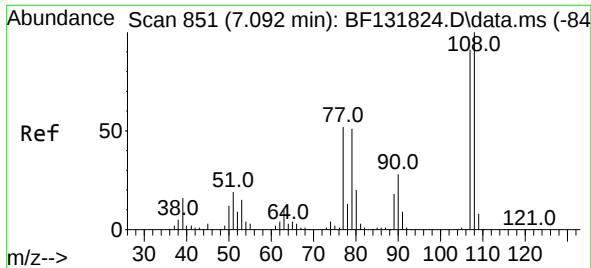
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.548 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

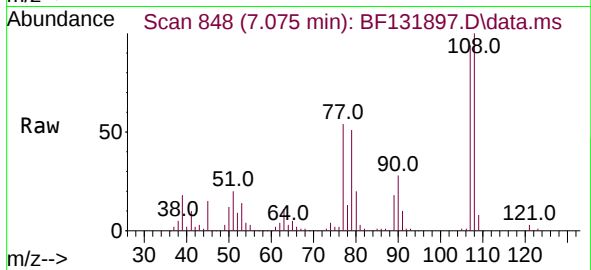
Tgt Ion: 45 Resp: 226865
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.1
79 13.4 0.0 33.3





#17
2-Methylphenol
Concen: 46.157 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

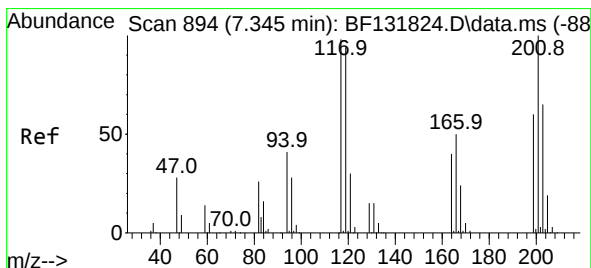
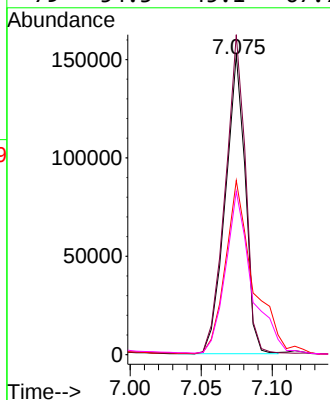
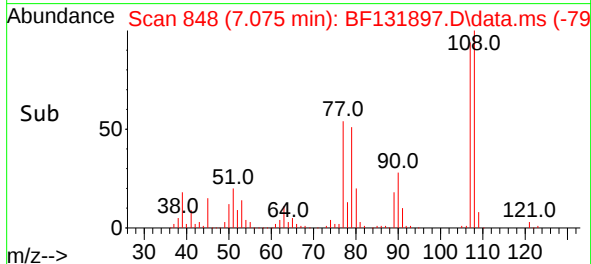
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:107 Resp: 148562
Ion Ratio Lower Upper
107 100
108 106.6 87.6 131.4
77 58.0 45.8 68.8
79 54.3 45.1 67.7

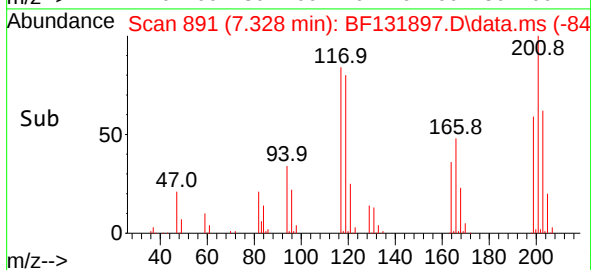
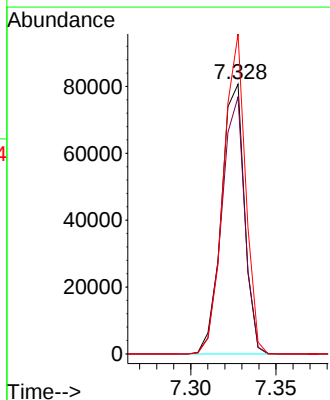
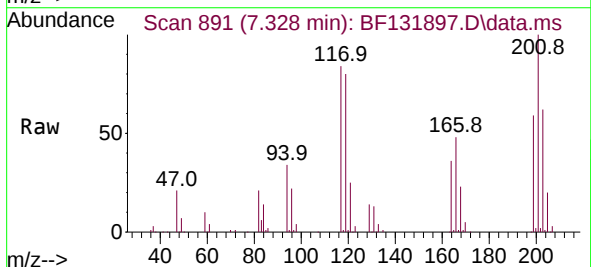
Manual Integrations
APPROVED

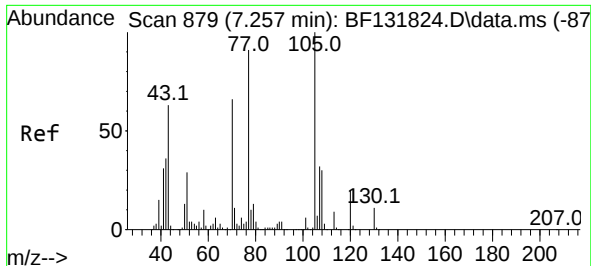
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#18
Hexachloroethane
Concen: 46.344 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

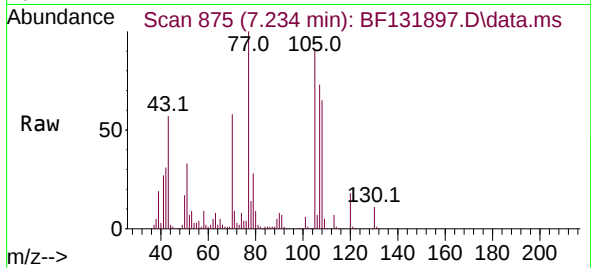
Tgt Ion:117 Resp: 75879
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 118.7 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 46.310 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

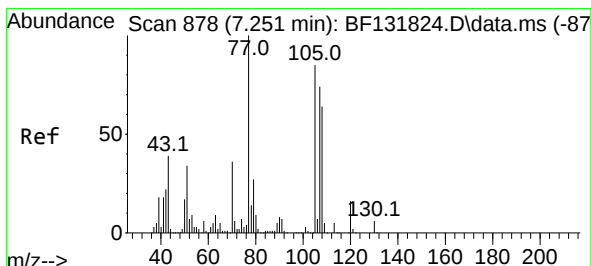
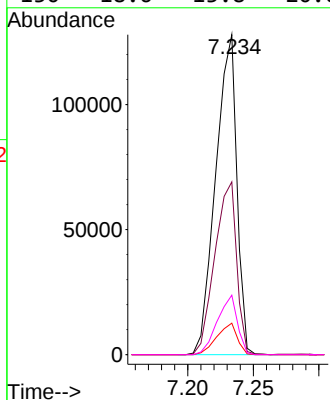
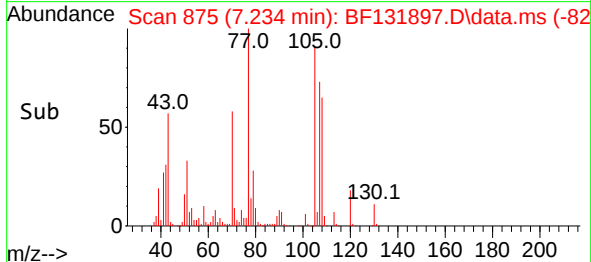
Instrument :
BNA_F
ClientSampleId :
MM-4MS



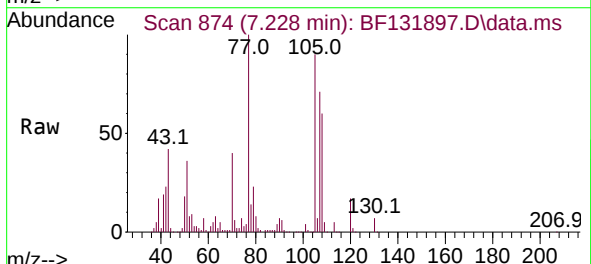
Tgt Ion: 70 Resp: 143595
Ion Ratio Lower Upper
70 100
42 54.0 43.8 65.6
101 9.8 7.4 11.0
130 18.6 13.8 20.6

Manual Integrations
APPROVED

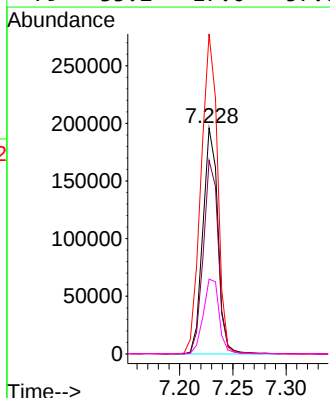
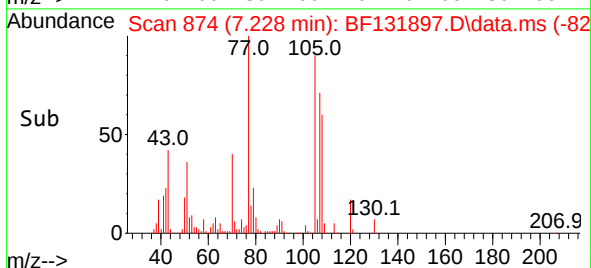
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

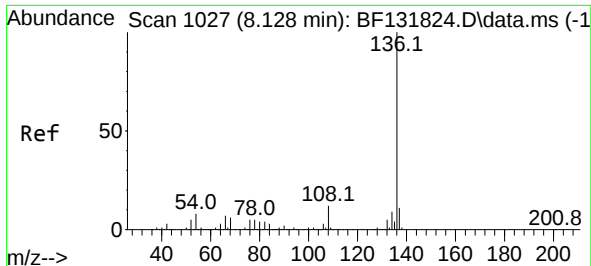


#20
3+4-Methylphenols
Concen: 45.641 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



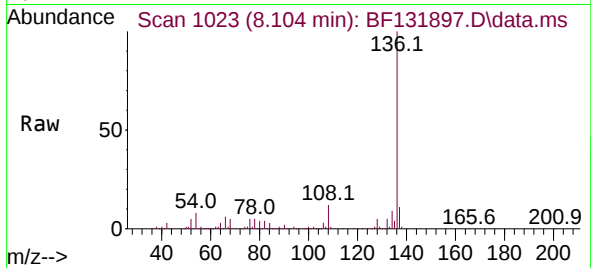
Tgt Ion:107 Resp: 191674
Ion Ratio Lower Upper
107 100
108 85.7 67.1 107.1
77 141.7 114.9 154.9
79 33.2 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

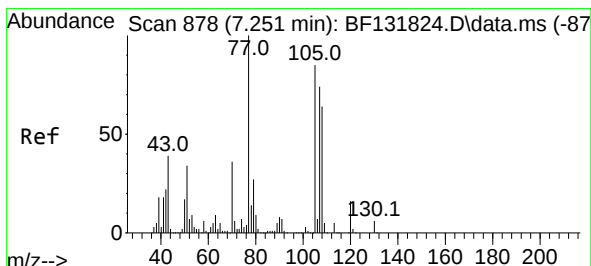
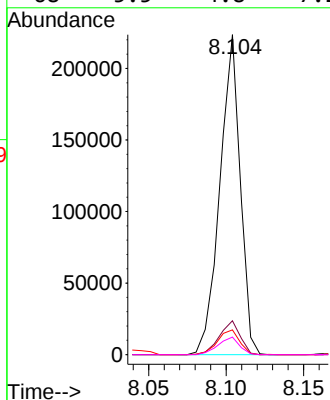
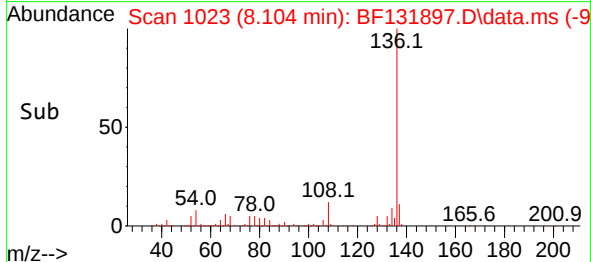
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:136 Resp: 204387
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 7.7 6.7 10.1
68 5.5 4.8 7.2

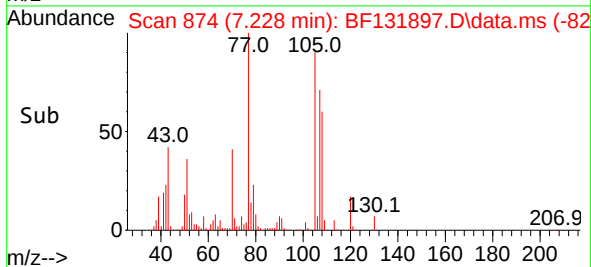
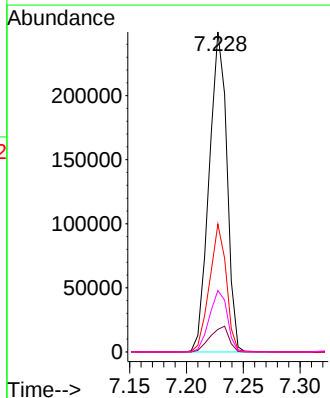
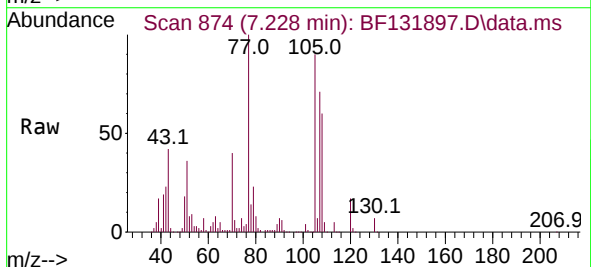
Manual Integrations
APPROVED

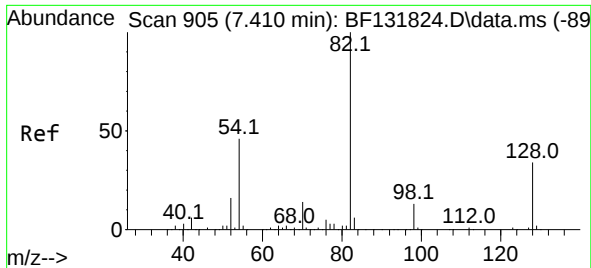
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#22
Acetophenone
Concen: 45.348 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.012 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:105 Resp: 271727
Ion Ratio Lower Upper
105 100
71 7.0 5.4 8.0
51 39.9 31.9 47.9
120 19.2 15.2 22.8





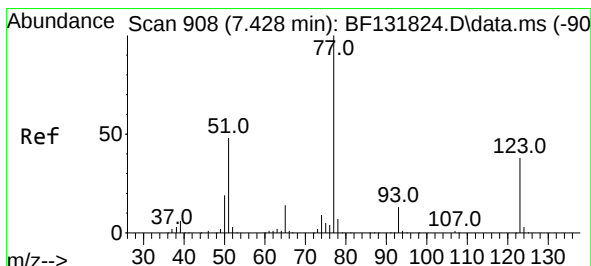
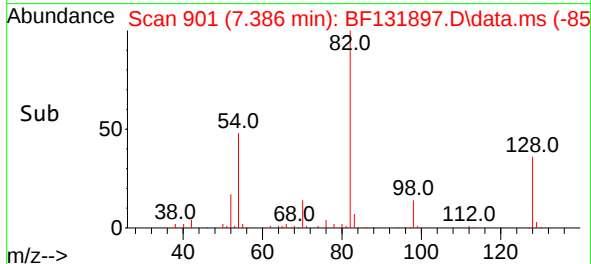
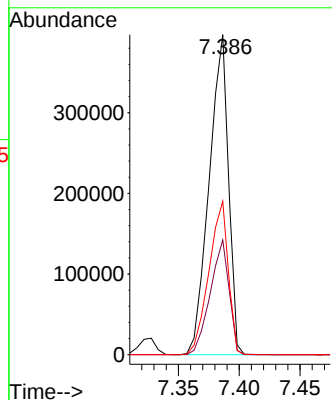
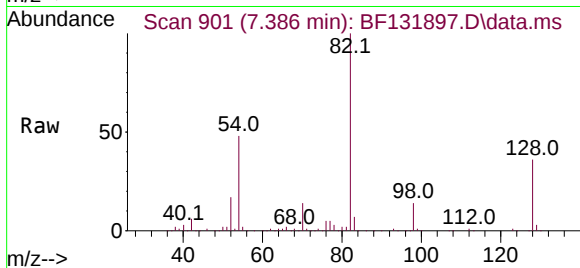
#23
Nitrobenzene-d5
Concen: 85.326 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
Client SampleId :
MM-4MS

Tgt Ion: 82 Resp: 436799
Ion Ratio Lower Upper
82 100
128 35.8 27.1 40.7
54 47.9 37.0 55.6

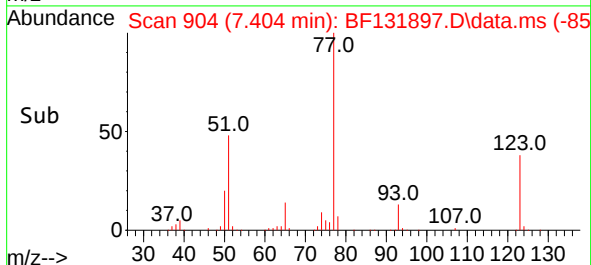
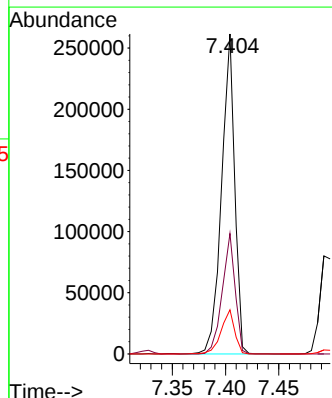
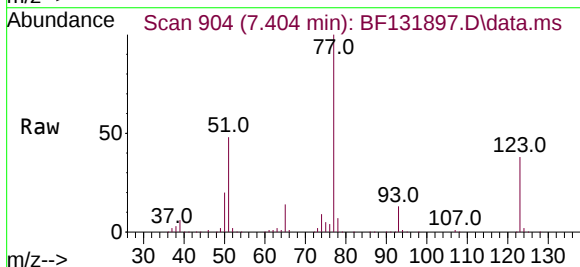
Manual Integrations
APPROVED

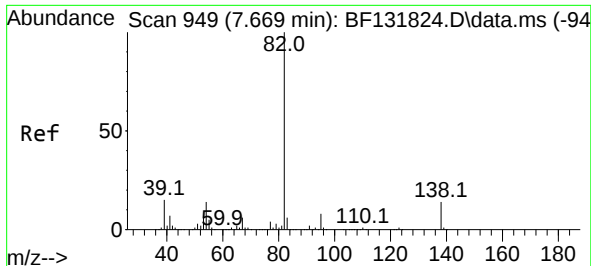
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#24
Nitrobenzene
Concen: 43.910 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

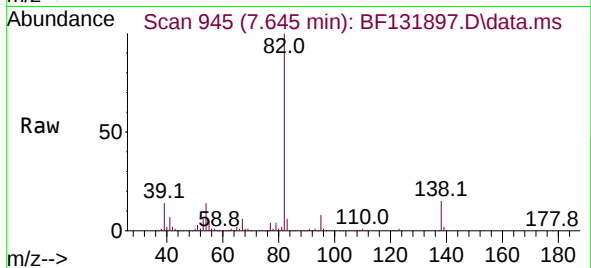
Tgt Ion: 77 Resp: 225275
Ion Ratio Lower Upper
77 100
123 37.6 30.4 45.6
65 13.8 11.1 16.7





#25
Isophorone
Concen: 47.421 ng
RT: 7.645 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

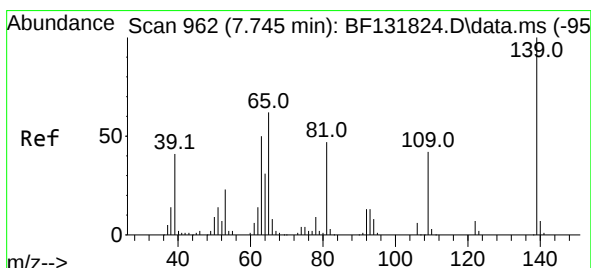
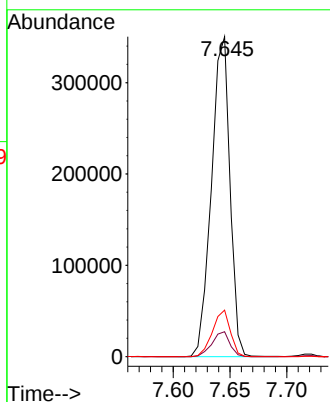
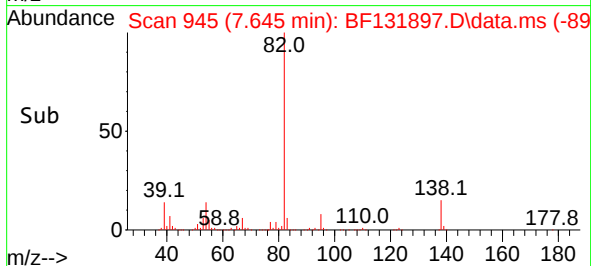
Instrument :
BNA_F
ClientSampleId :
MM-4MS



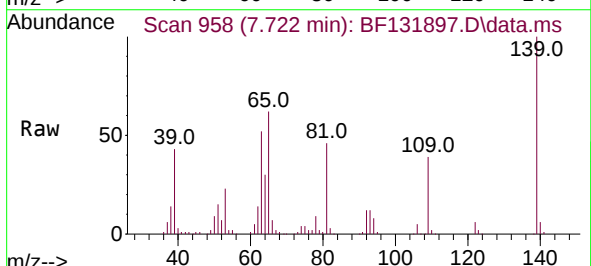
Tgt Ion: 82 Resp: 39644
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 14.5 11.5 17.3

Manual Integrations
APPROVED

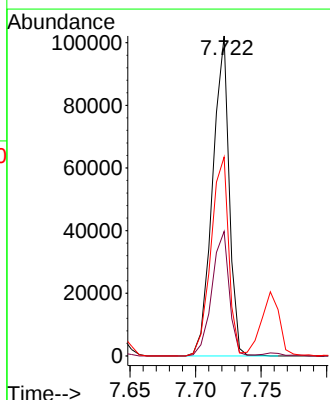
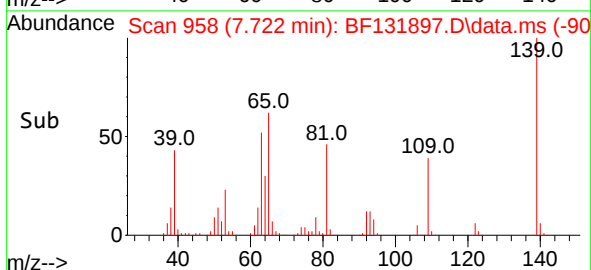
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

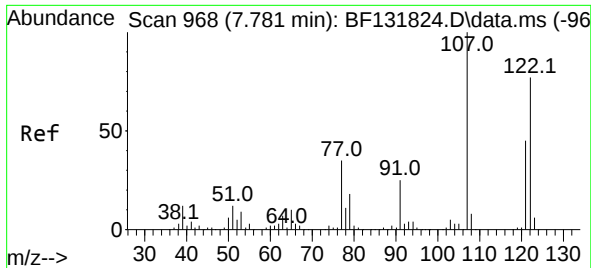


#26
2-Nitrophenol
Concen: 45.169 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:139 Resp: 90099
Ion Ratio Lower Upper
139 100
109 38.9 33.7 50.5
65 62.1 49.4 74.2





#27

2,4-Dimethylphenol

Concen: 53.111 ng

RT: 7.757 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

Tgt Ion:122 Resp: 151118

Ion Ratio Lower Upper

122 100

107 137.9 104.4 156.6

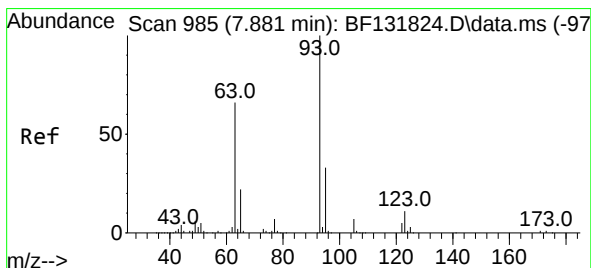
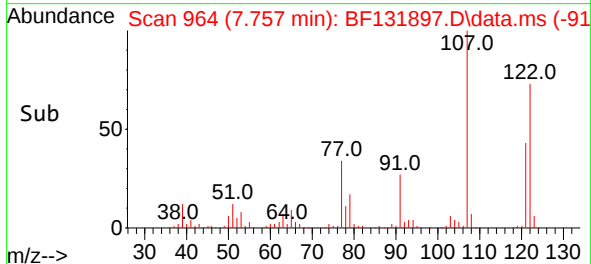
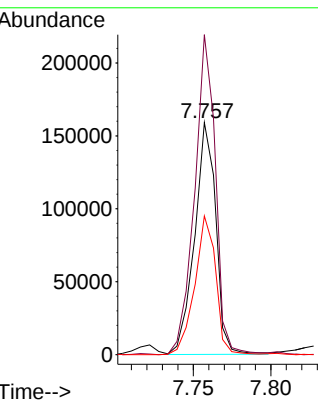
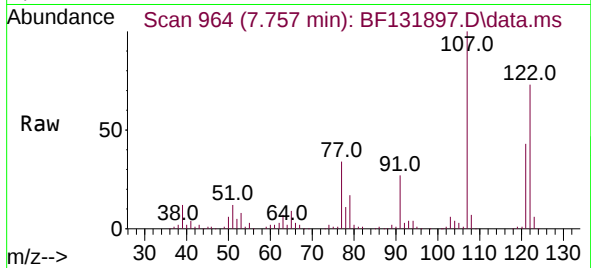
121 59.7 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.807 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

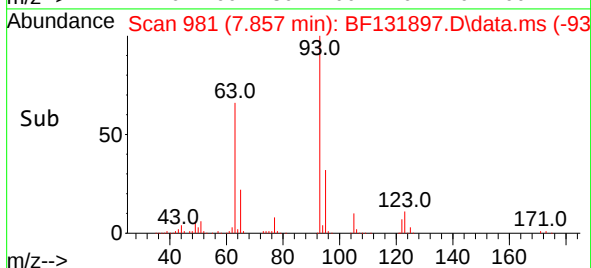
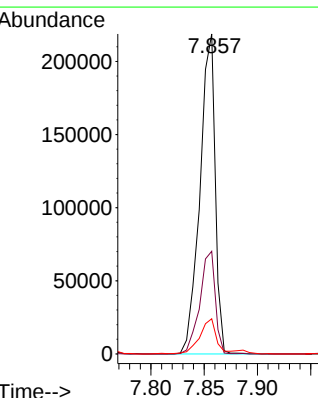
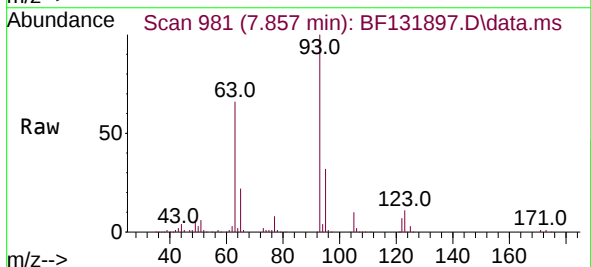
Tgt Ion: 93 Resp: 218899

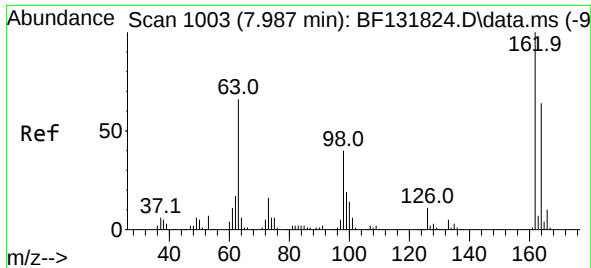
Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

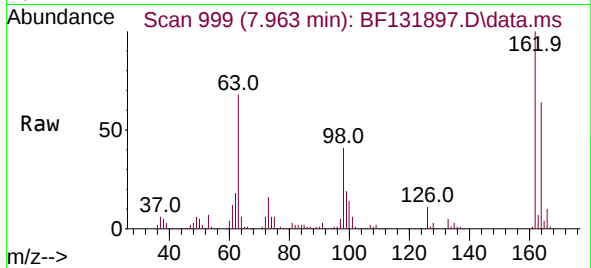
123 11.0 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 44.971 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

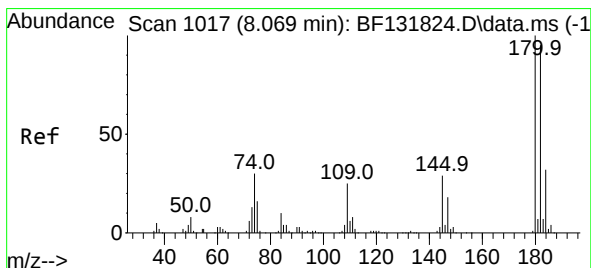
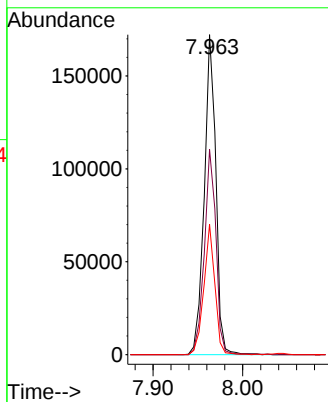
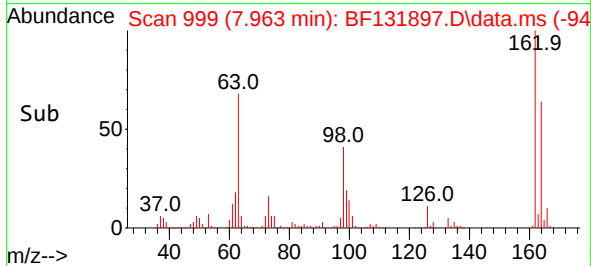
Instrument :
BNA_F
ClientSampleId :
MM-4MS



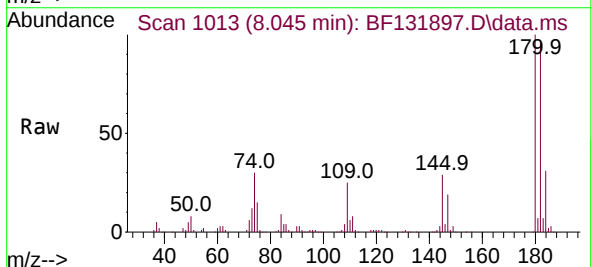
Tgt Ion:162 Resp: 15416
Ion Ratio Lower Upper
162 100
164 64.1 44.1 84.1
98 40.7 19.9 59.9

Manual Integrations
APPROVED

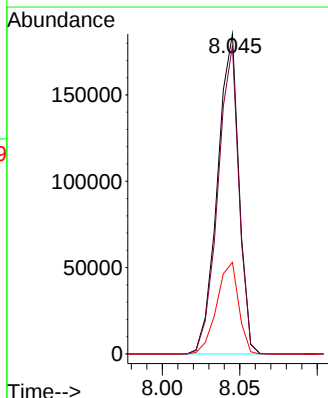
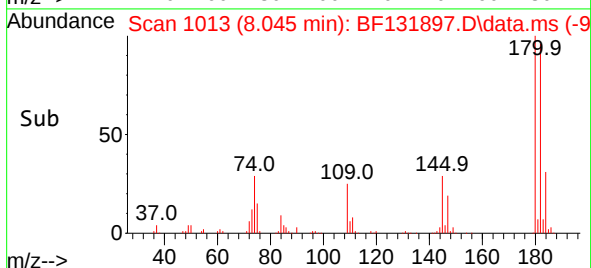
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

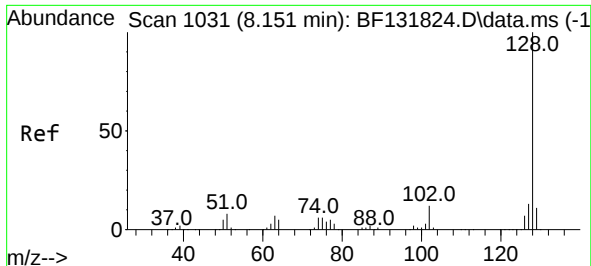


#30
1,2,4-Trichlorobenzene
Concen: 43.893 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



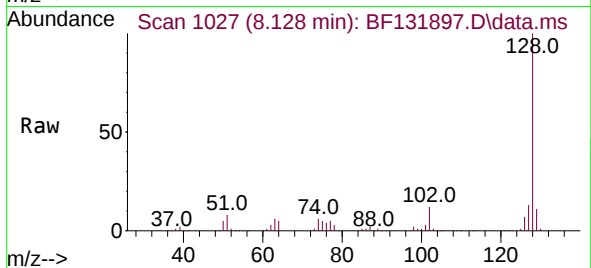
Tgt Ion:180 Resp: 178397
Ion Ratio Lower Upper
180 100
182 96.4 76.2 114.4
145 28.6 23.3 34.9





#31
Naphthalene
Concen: 43.164 ng
RT: 8.128 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

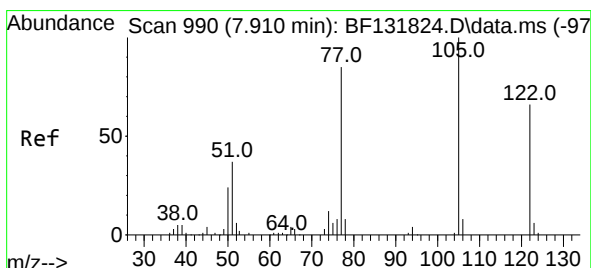
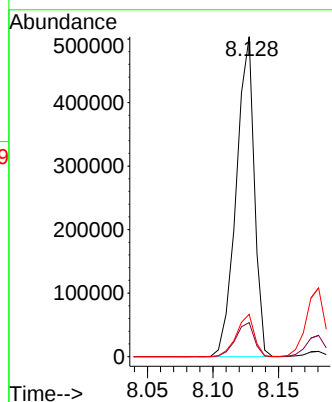
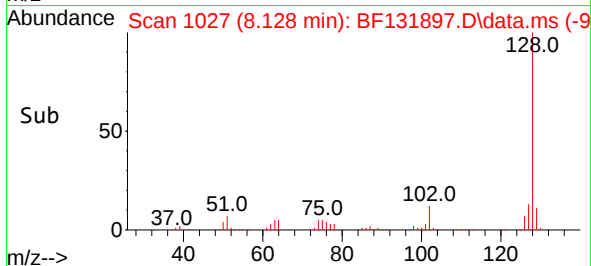
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:128 Resp: 483153
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.2 10.6 15.8

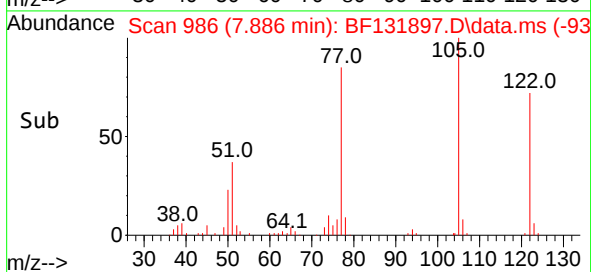
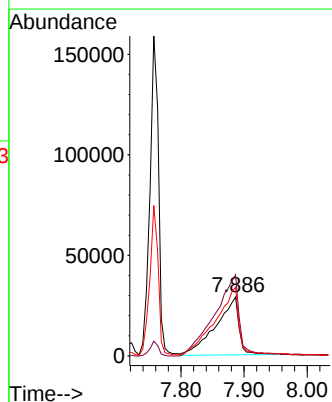
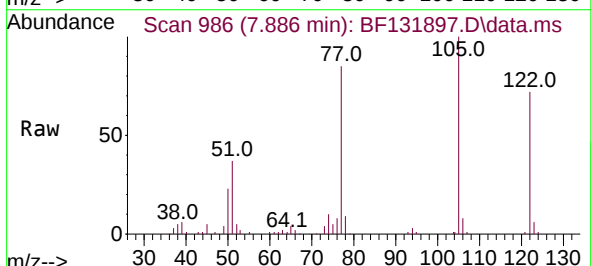
Manual Integrations
APPROVED

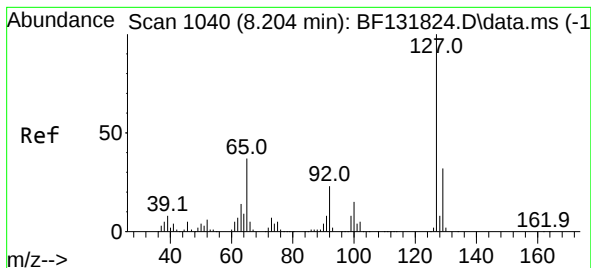
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#32
Benzoic acid
Concen: 35.516 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:122 Resp: 73861
Ion Ratio Lower Upper
122 100
105 138.2 127.9 167.9
77 117.3 106.9 146.9





#33

4-Chloroaniline

Concen: 28.326 ng

RT: 8.181 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

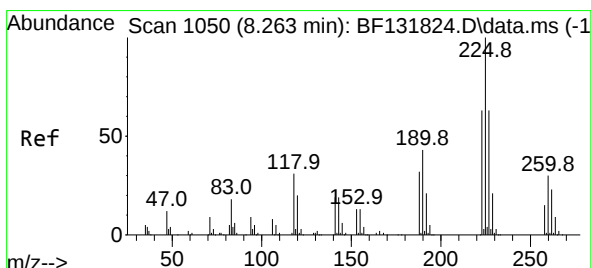
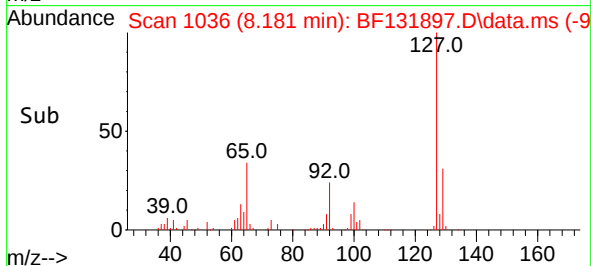
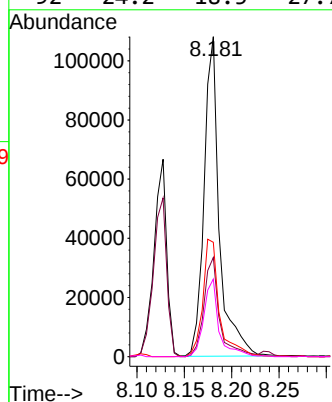
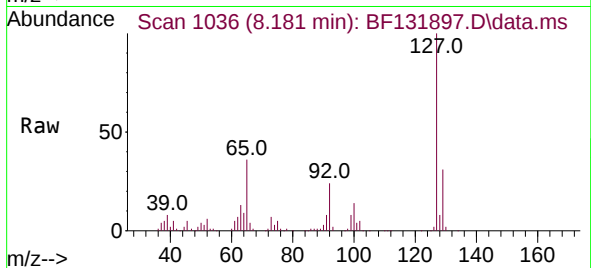
Tgt Ion:	127	Resp:	121658
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.8	38.8
65	35.7	29.7	44.5
92	24.2	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#34

Hexachlorobutadiene

Concen: 42.833 ng

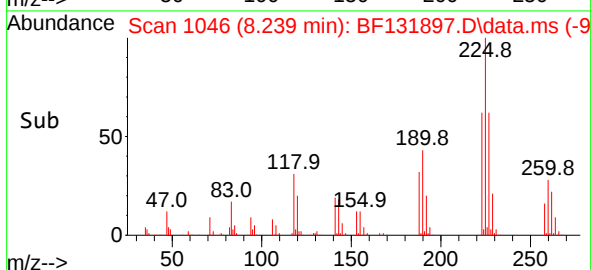
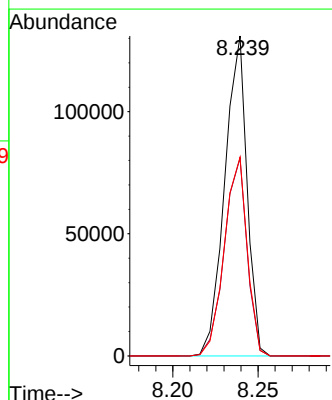
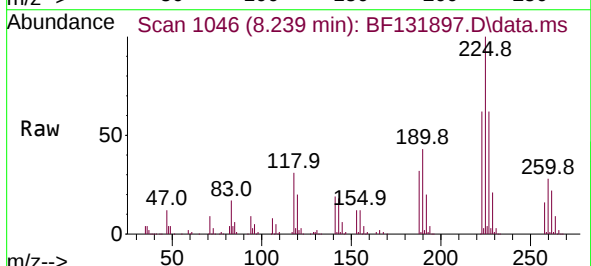
RT: 8.239 min Scan# 1046

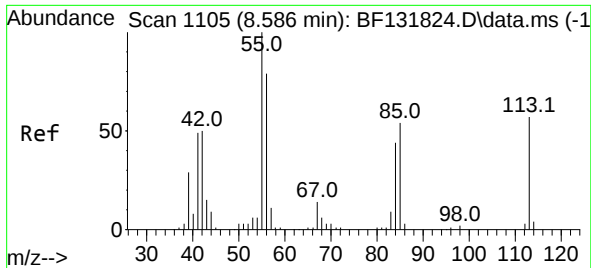
Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

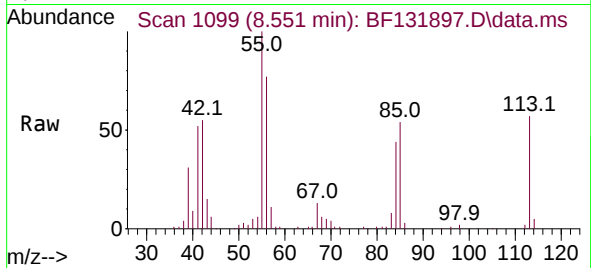
Tgt Ion:	225	Resp:	119103
Ion Ratio	Lower	Upper	
225	100		
223	61.8	50.0	75.0
227	62.1	50.8	76.2





#35
Caprolactam
Concen: 40.925 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.018 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

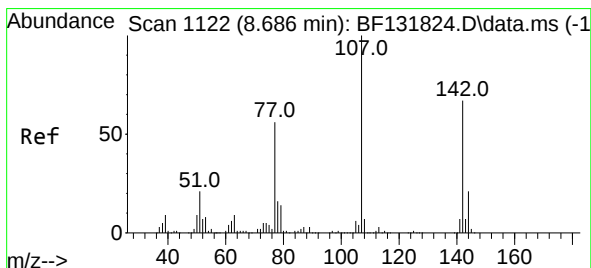
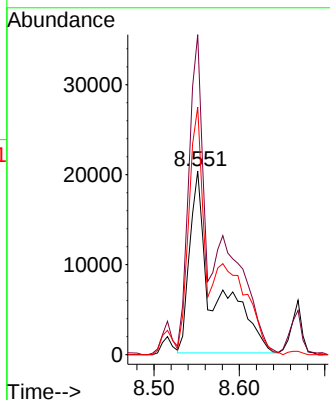
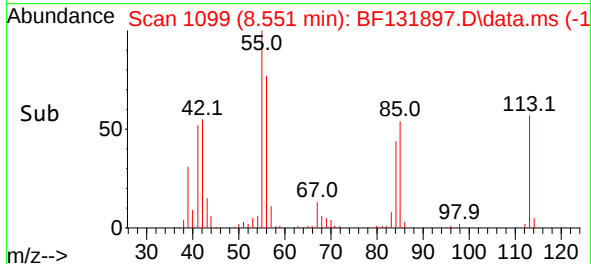
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:113 Resp: 4153
Ion Ratio Lower Upper
113 100
55 174.3 153.3 193.3
56 134.8 116.3 156.3

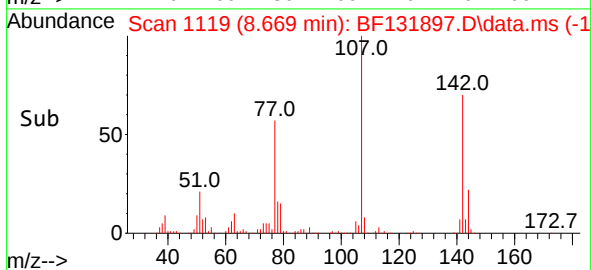
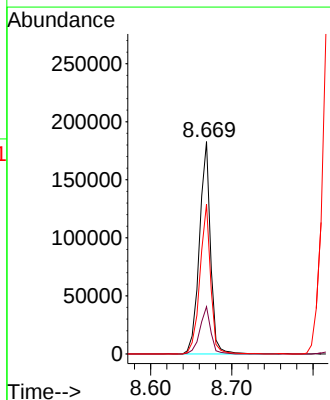
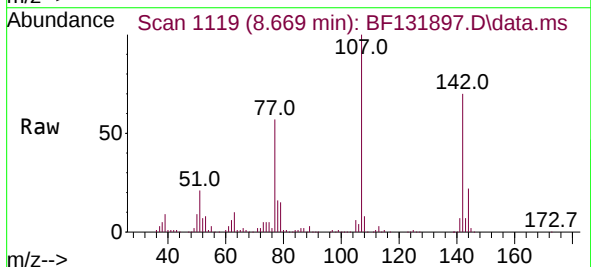
Manual Integrations
APPROVED

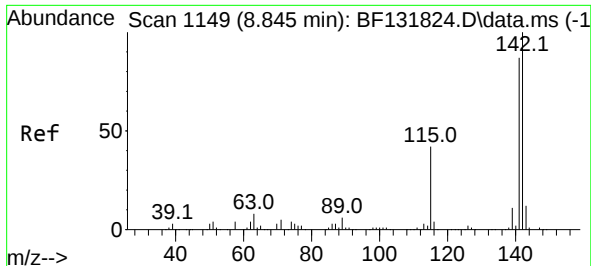
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#36
4-Chloro-3-methylphenol
Concen: 44.529 ng
RT: 8.669 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:107 Resp: 172517
Ion Ratio Lower Upper
107 100
144 22.2 16.8 25.2
142 70.5 53.8 80.8





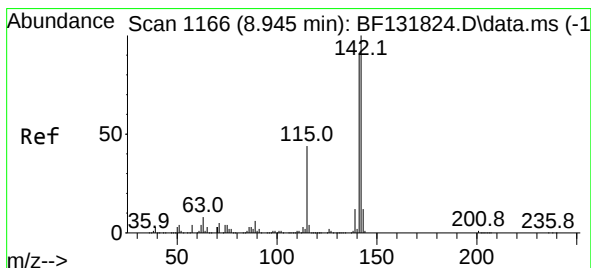
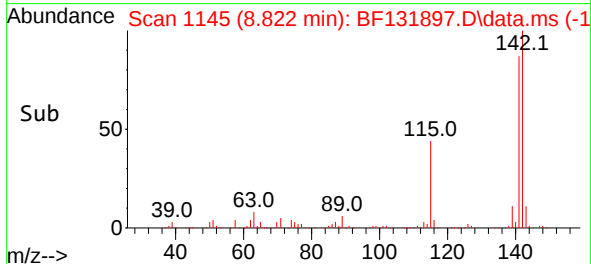
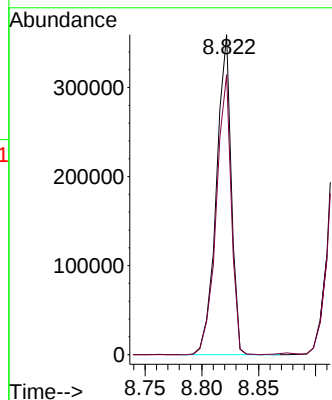
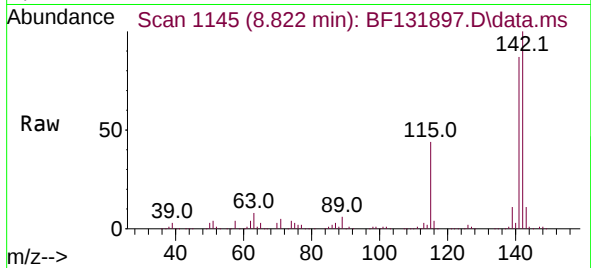
#37
2-Methylnaphthalene
Concen: 43.473 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Tgt Ion:142 Resp: 326583
Ion Ratio Lower Upper
142 100
141 87.5 69.8 104.8

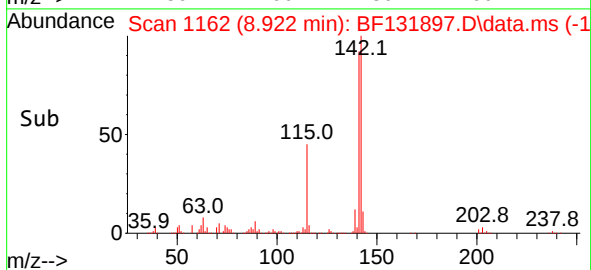
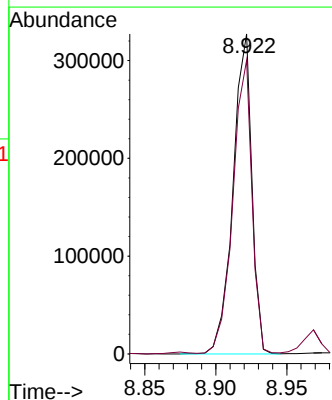
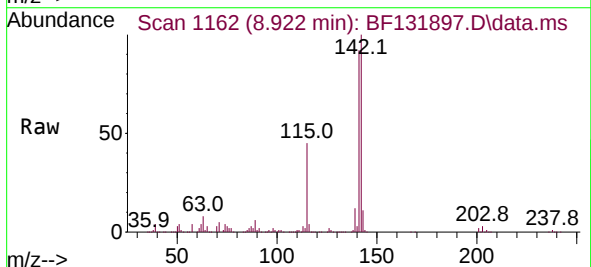
Manual Integrations
APPROVED

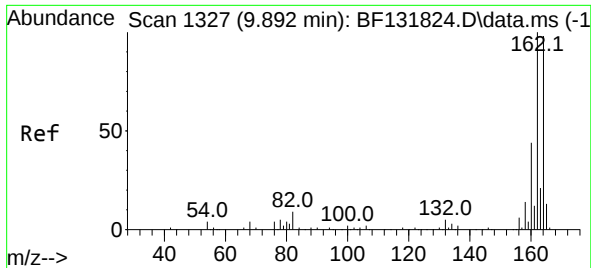
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#38
1-Methylnaphthalene
Concen: 41.339 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

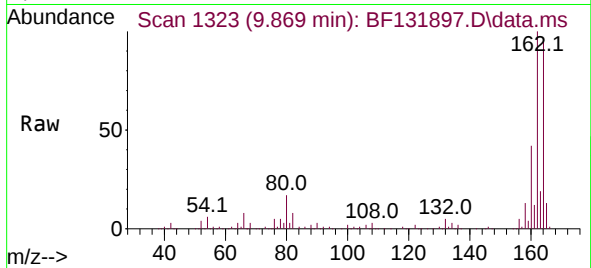
Tgt Ion:142 Resp: 301650
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11728
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

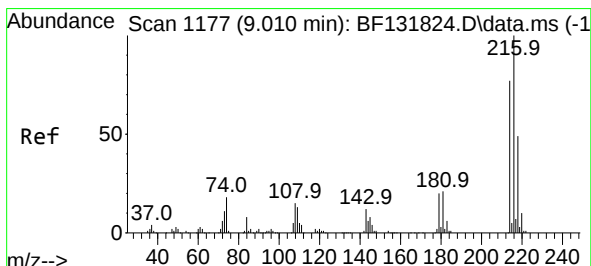
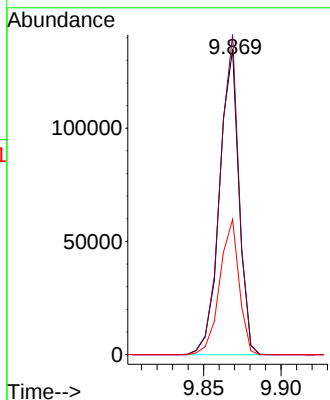
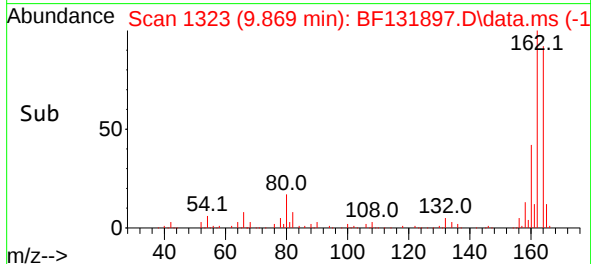
Instrument :
BNA_F
ClientSampleId :
MM-4MS



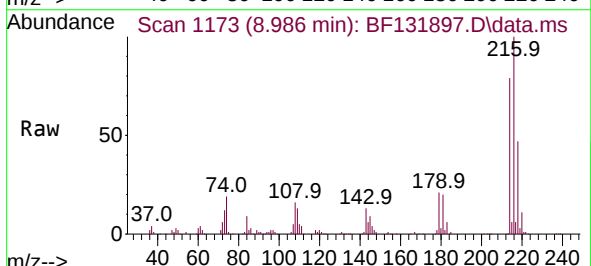
Tgt Ion:164 Resp: 11728
Ion Ratio Lower Upper
164 100
162 104.7 81.8 122.6
160 44.2 35.7 53.5

Manual Integrations
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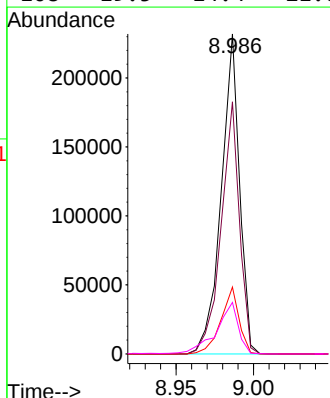
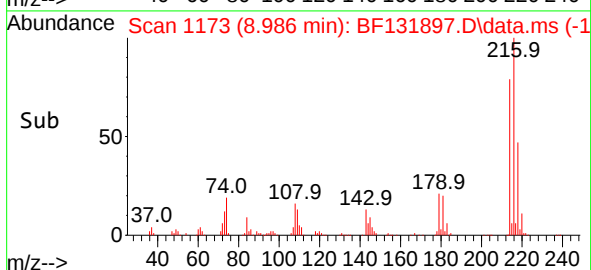
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

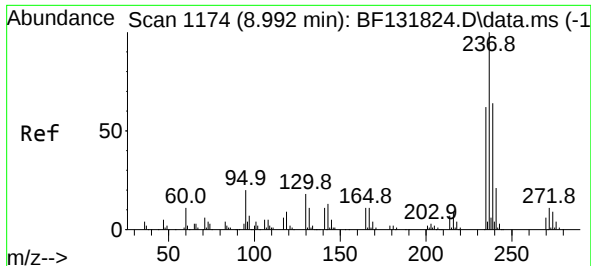


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.382 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



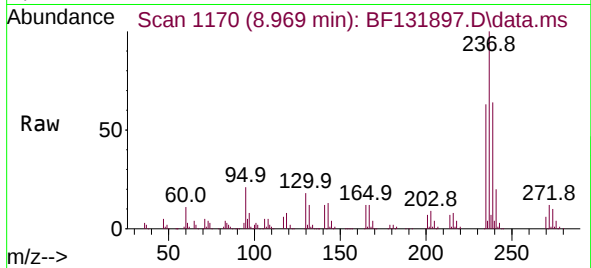
Tgt Ion:216 Resp: 191013
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 20.7 16.4 24.6
108 19.5 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 96.168 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

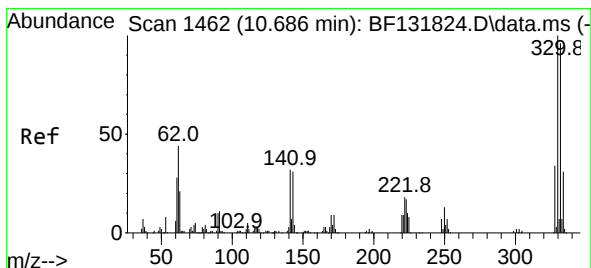
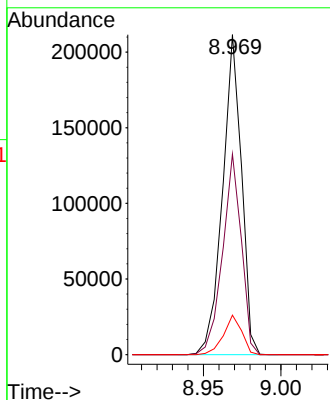
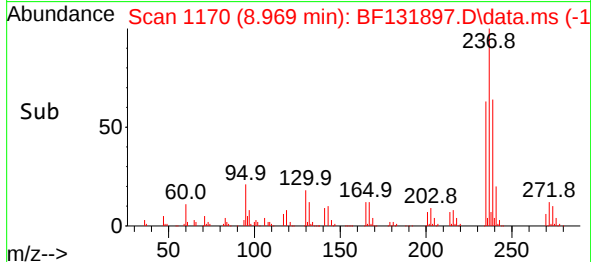
Instrument :
BNA_F
ClientSampleId :
MM-4MS



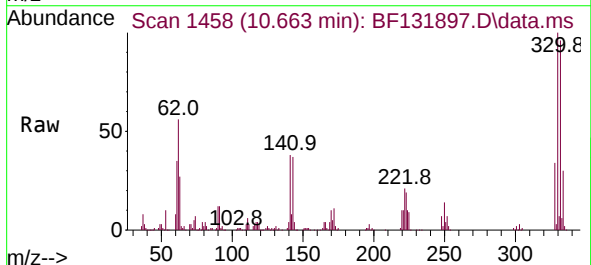
Tgt Ion: 237 Resp: 179624
Ion Ratio Lower Upper
237 100
235 62.7 42.3 82.3
272 12.3 0.0 31.4

Manual Integrations
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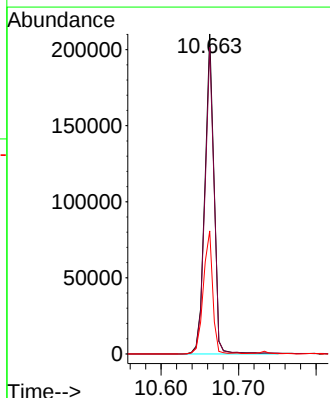
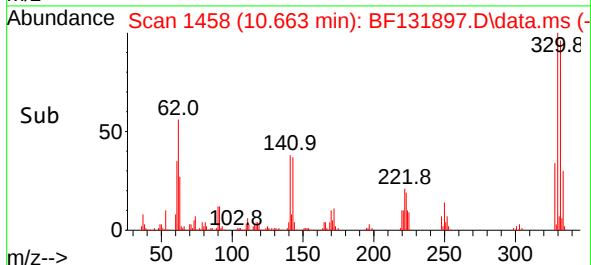
Reviewed By : Christian Giraldo 01/05/2023
Supervised By : Jagrut Upadhyay 01/05/2023

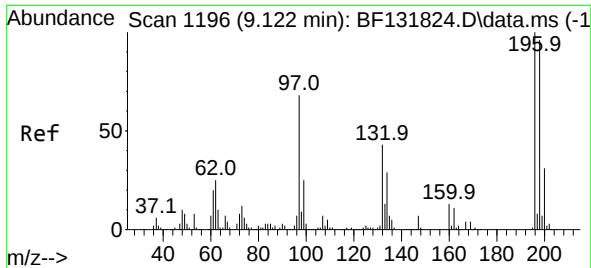


#42
2,4,6-Tribromophenol
Concen: 135.127 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



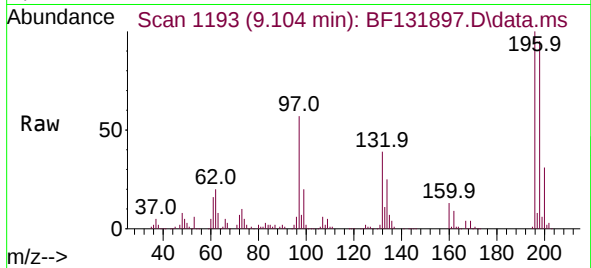
Tgt Ion: 330 Resp: 172196
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 39.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.871 ng
RT: 9.104 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

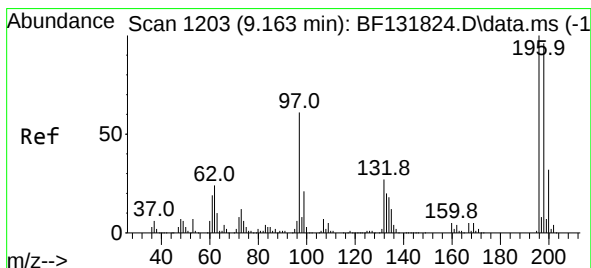
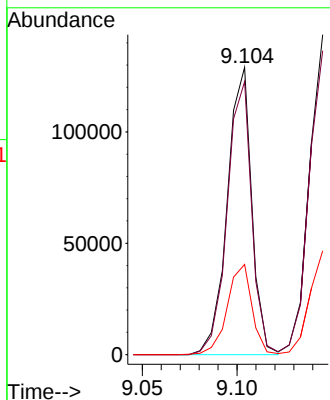
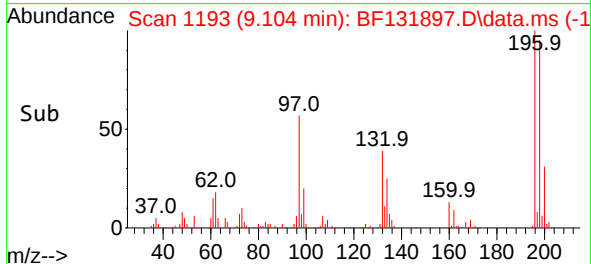
Instrument :
BNA_F
ClientSampleId :
MM-4MS



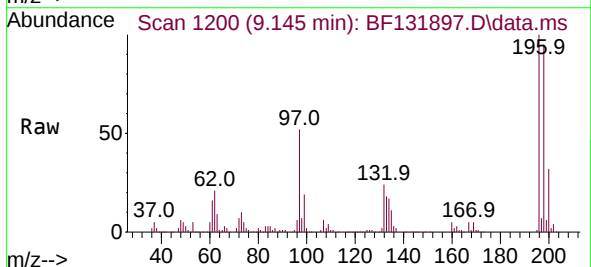
Tgt Ion:196 Resp: 115715
Ion Ratio Lower Upper
196 100
198 95.0 76.5 114.7
200 31.4 24.5 36.7

Manual Integrations
APPROVED

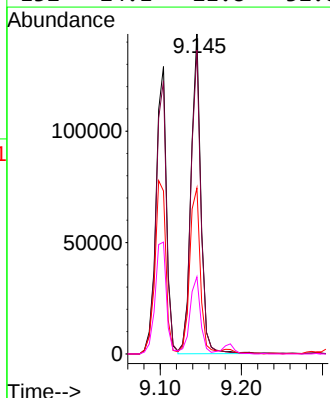
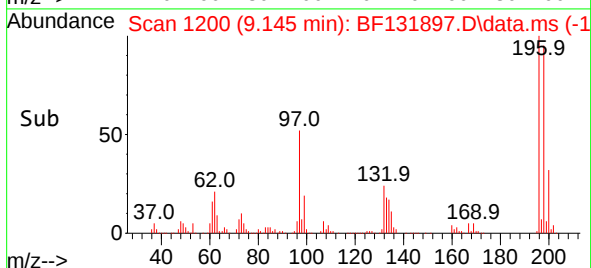
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

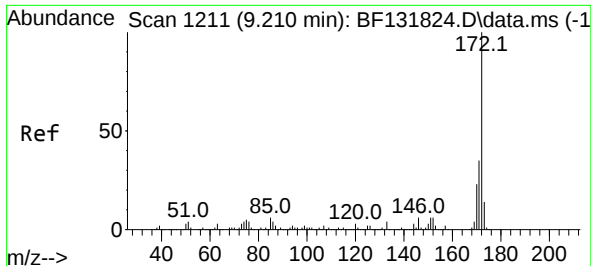


#44
2,4,5-Trichlorophenol
Concen: 42.185 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



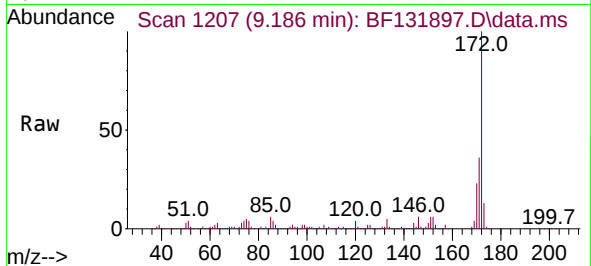
Tgt Ion:196 Resp: 120276
Ion Ratio Lower Upper
196 100
198 95.0 76.6 115.0
97 51.8 49.3 73.9
132 24.1 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 89.450 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

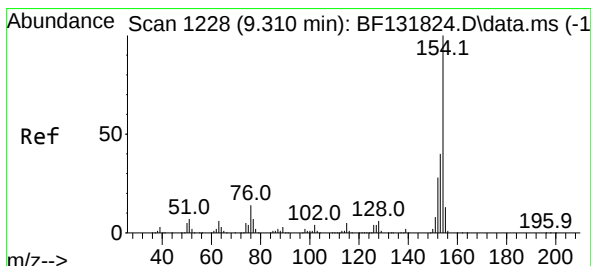
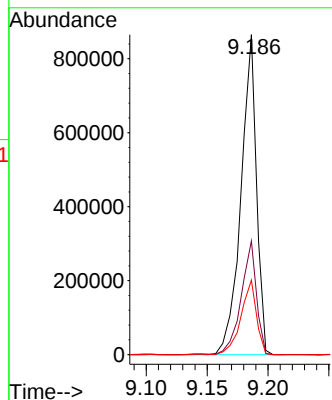
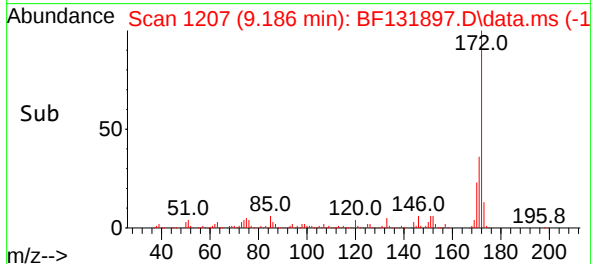
Instrument :
BNA_F
ClientSampleId :
MM-4MS



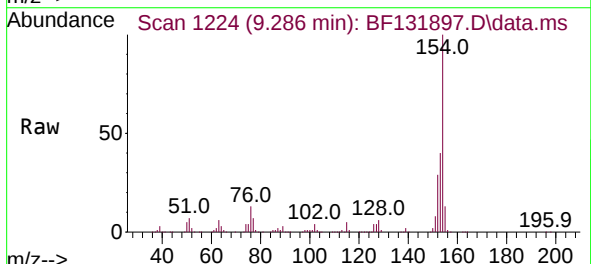
Tgt Ion:172 Resp: 765943
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.3 18.7 28.1

Manual Integrations
APPROVED

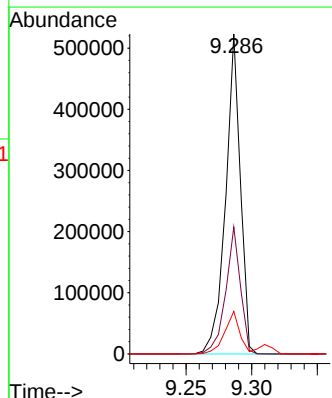
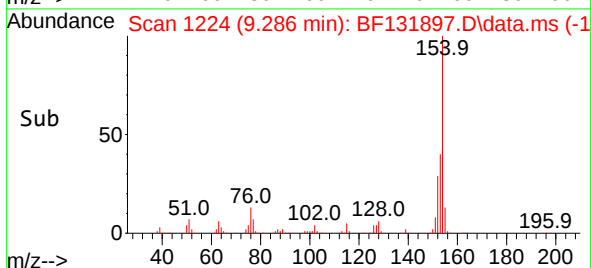
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

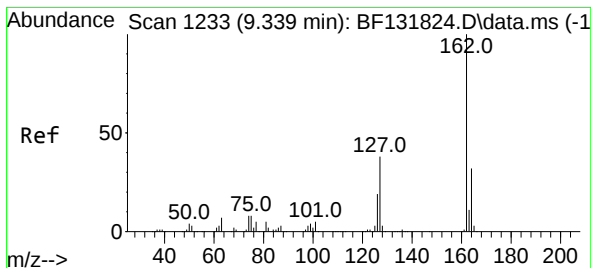


#46
1,1'-Biphenyl
Concen: 45.598 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:154 Resp: 409449
Ion Ratio Lower Upper
154 100
153 39.7 19.8 59.8
76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 44.150 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

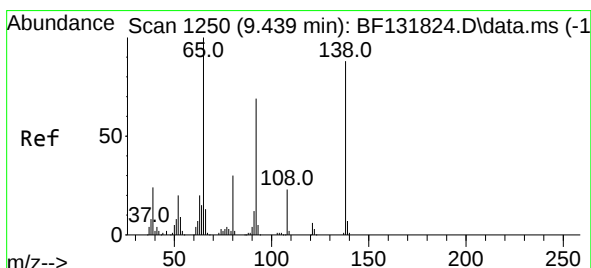
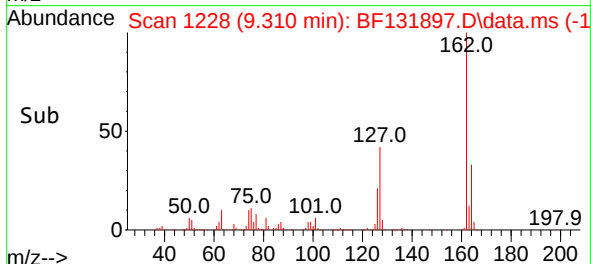
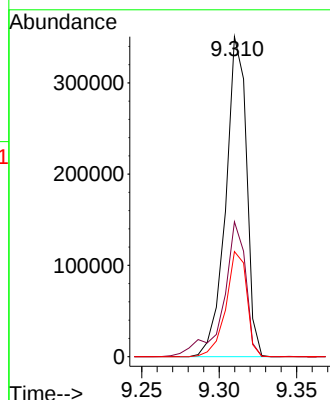
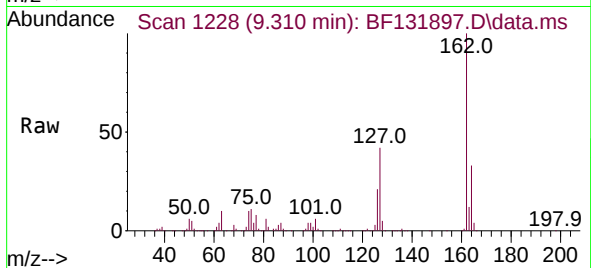
Tgt Ion:162 Resp: 327983

Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.0	46.6
164	32.8	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#48

2-Nitroaniline

Concen: 41.487 ng

RT: 9.416 min Scan# 1246

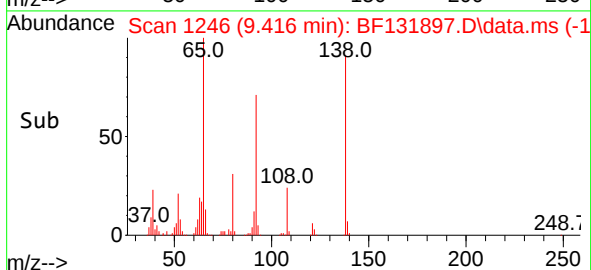
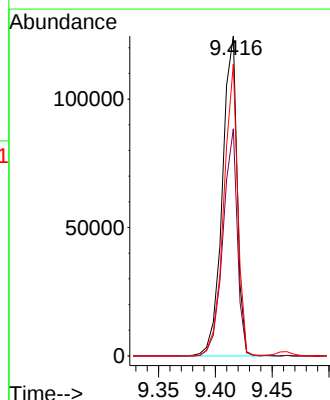
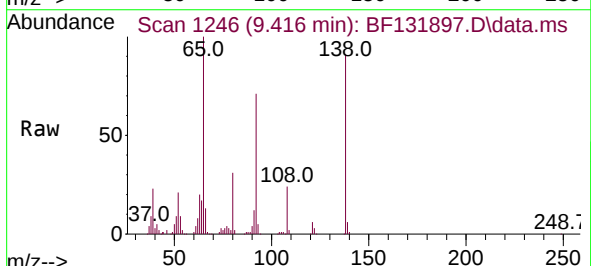
Delta R.T. -0.006 min

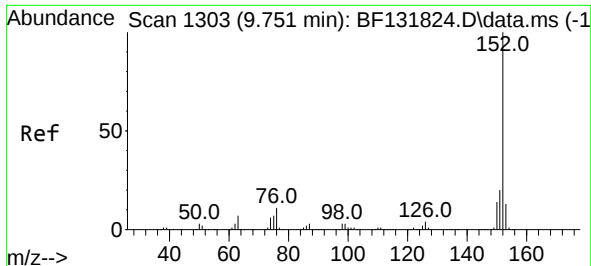
Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Tgt Ion: 65 Resp: 112968

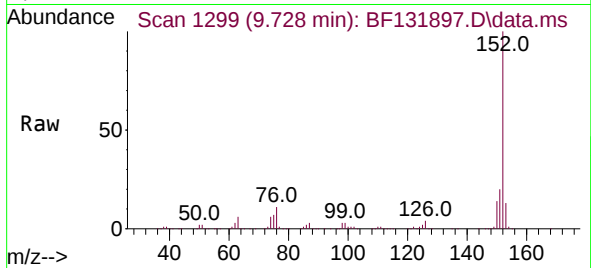
Ion	Ratio	Lower	Upper
65	100		
92	71.0	55.0	82.6
138	91.3	70.4	105.6





#49
Acenaphthylene
Concen: 44.662 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

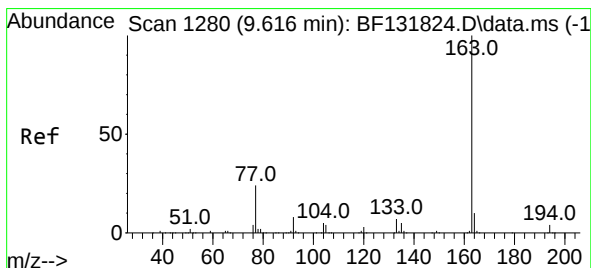
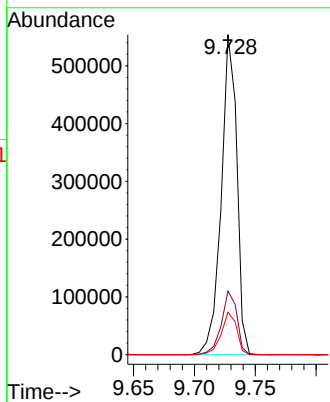
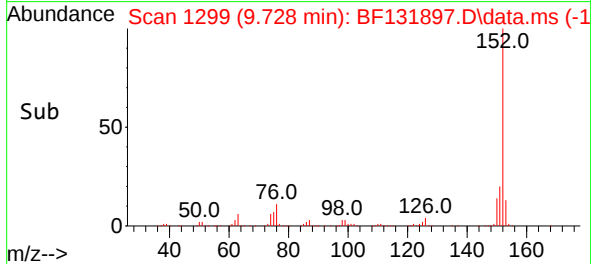
Instrument :
BNA_F
ClientSampleId :
MM-4MS



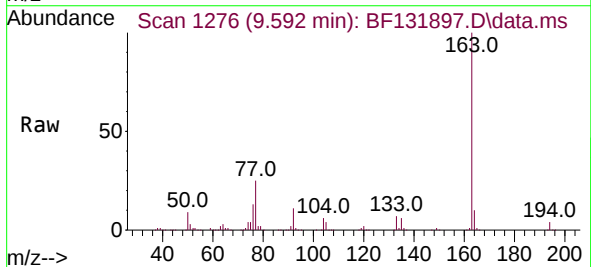
Tgt Ion:152 Resp: 494046
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.2 15.4

Manual Integrations
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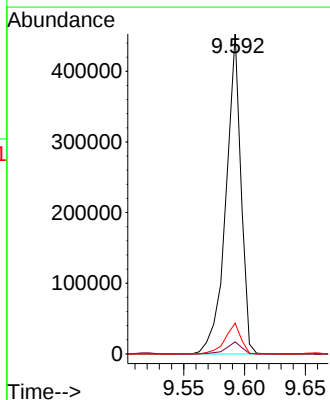
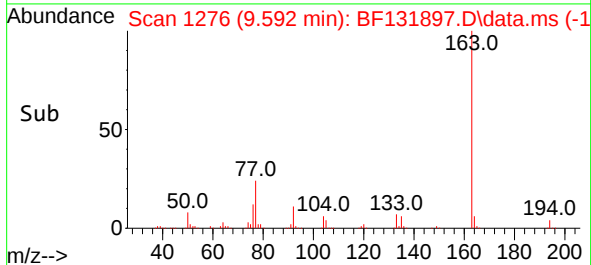
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

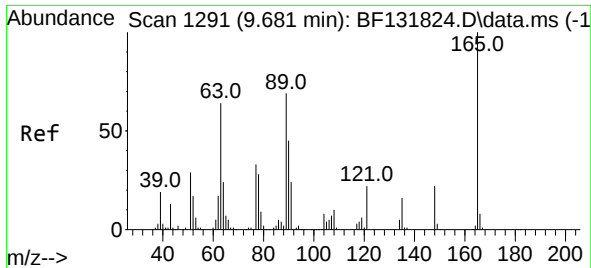


#50
Dimethylphthalate
Concen: 43.815 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



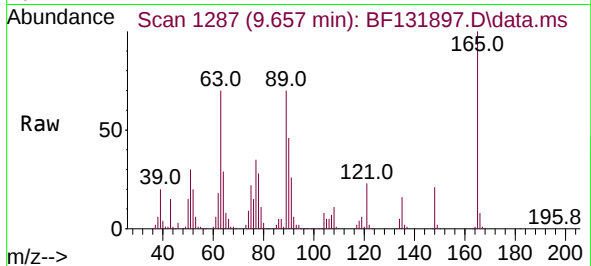
Tgt Ion:163 Resp: 388773
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.6 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.416 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

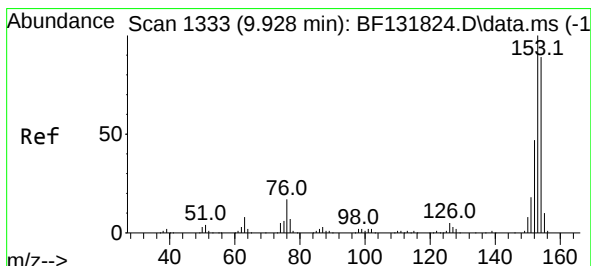
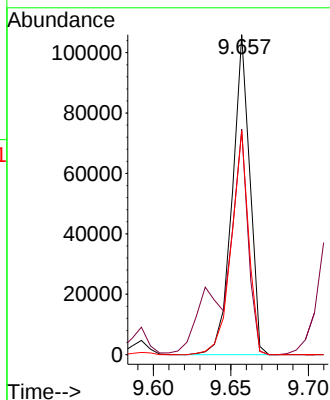
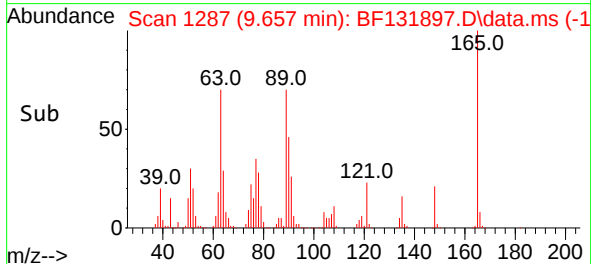
Instrument :
BNA_F
ClientSampleId :
MM-4MS



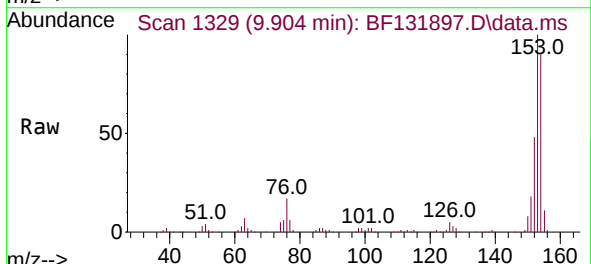
Tgt Ion:165 Resp: 83395
Ion Ratio Lower Upper
165 100
63 70.4 55.1 82.7
89 69.9 55.0 82.4

Manual Integrations
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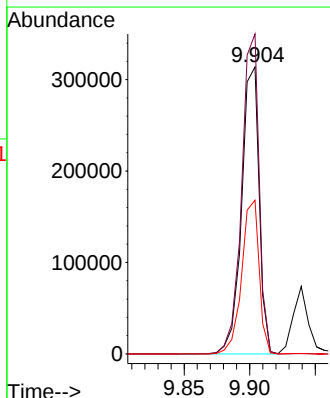
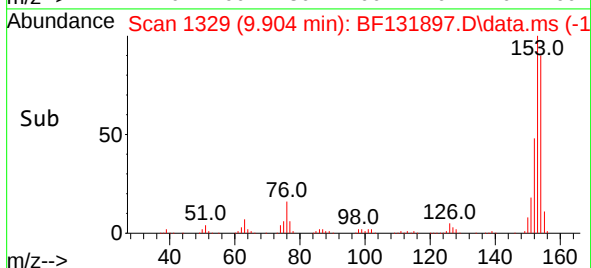
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

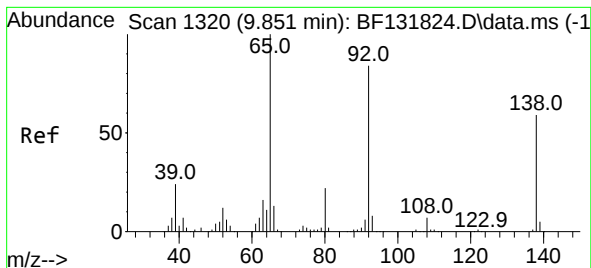


#52
Acenaphthene
Concen: 43.653 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:154 Resp: 291432
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.2
152 53.5 42.5 63.7





#53
 3-Nitroaniline
 Concen: 27.619 ng
 RT: 9.828 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

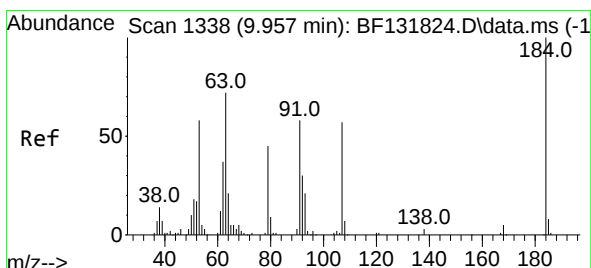
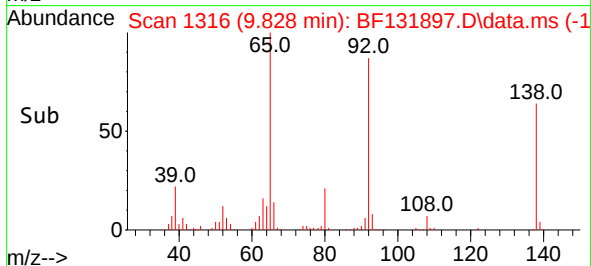
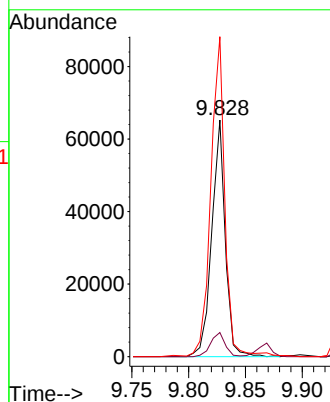
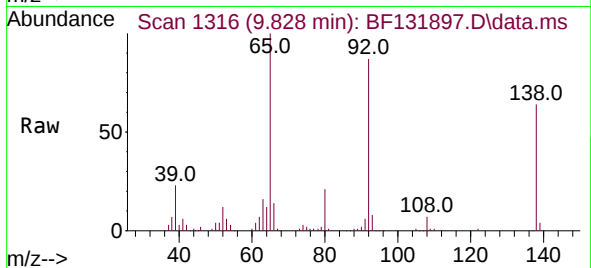
ClientSampleId :

MM-4MS

Tgt Ion:138 Resp: 5405
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.3 13.9
 92 135.2 113.9 170.9

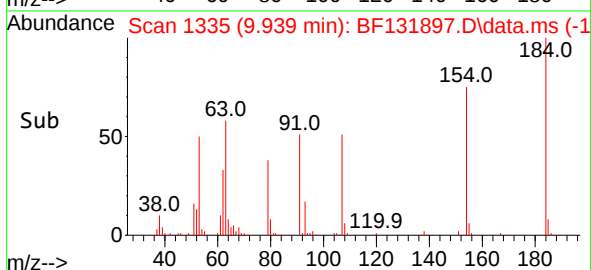
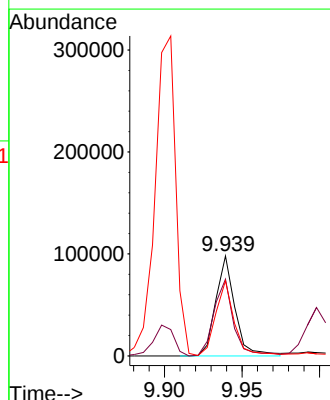
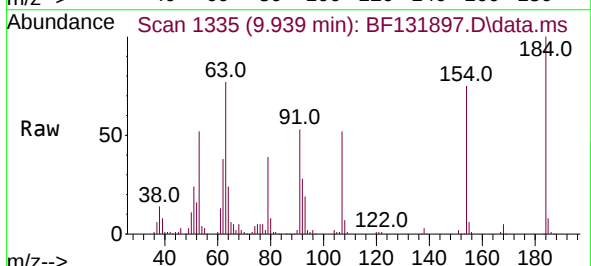
Manual Integrations
 APPROVED

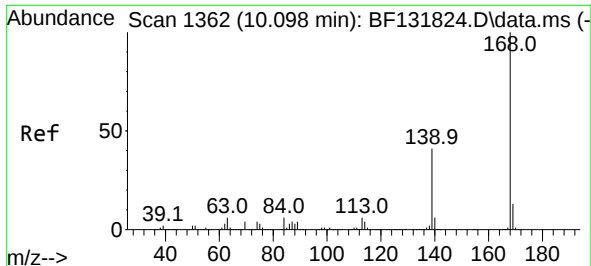
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#54
 2,4-Dinitrophenol
 Concen: 76.600 ng
 RT: 9.939 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

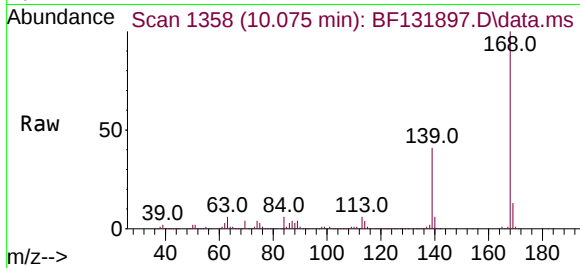
Tgt Ion:184 Resp: 84672
 Ion Ratio Lower Upper
 184 100
 63 76.8 66.8 100.2
 154 75.2 61.6 92.4





#55
Dibenzenofuran
Concen: 44.194 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

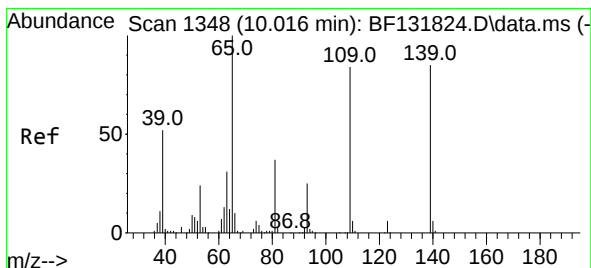
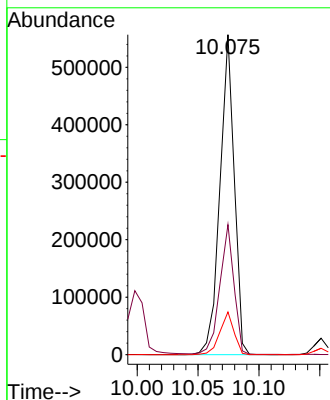
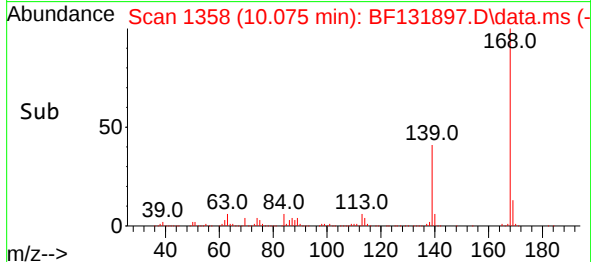
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:168 Resp: 454574
Ion Ratio Lower Upper
168 100
139 40.6 32.6 49.0
169 13.3 10.5 15.7

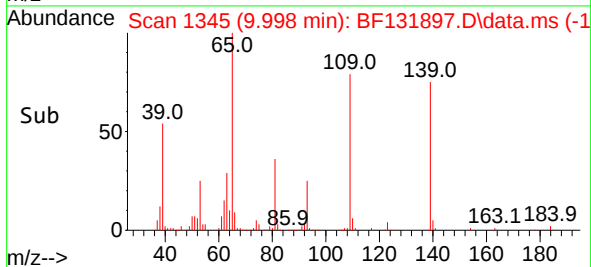
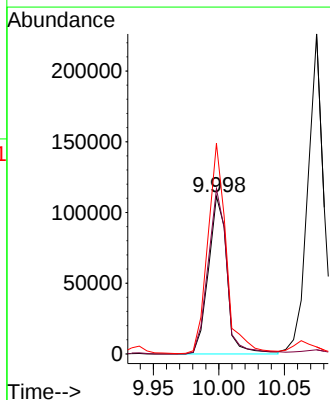
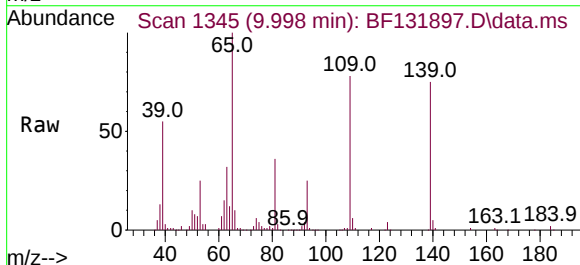
Manual Integrations
APPROVED

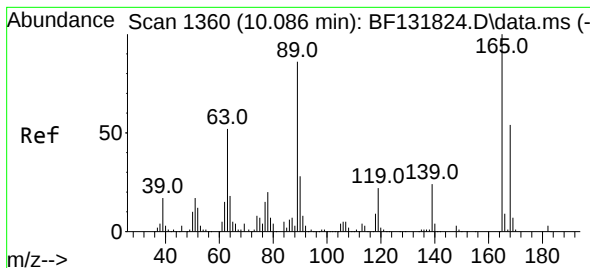
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#56
4-Nitrophenol
Concen: 79.743 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:139 Resp: 109331
Ion Ratio Lower Upper
139 100
109 104.9 78.5 118.5
65 133.7 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 42.904 ng
RT: 10.063 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

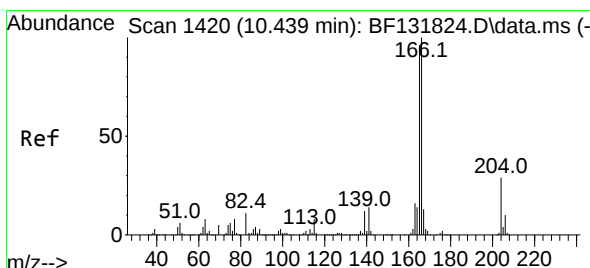
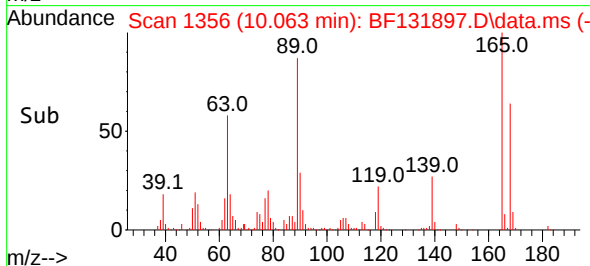
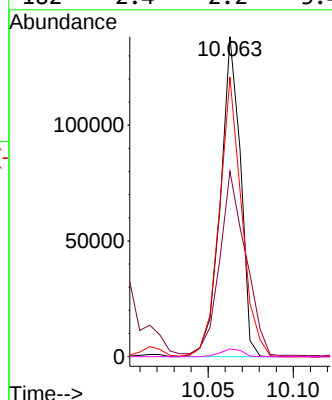
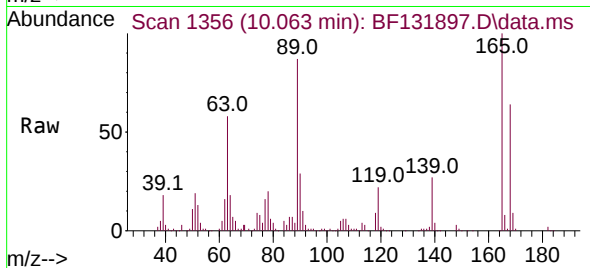
ClientSampleId :

MM-4MS

Tgt Ion:165 Resp: 112703
Ion Ratio Lower Upper
165 100
63 57.9 42.1 63.1
89 87.3 69.1 103.7
182 2.4 2.2 3.4

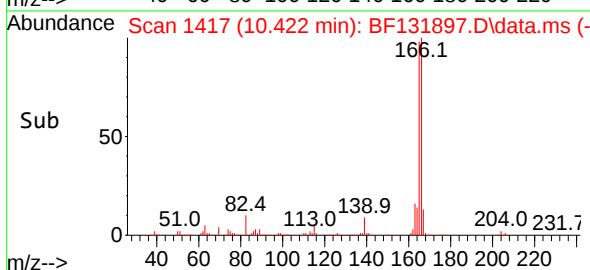
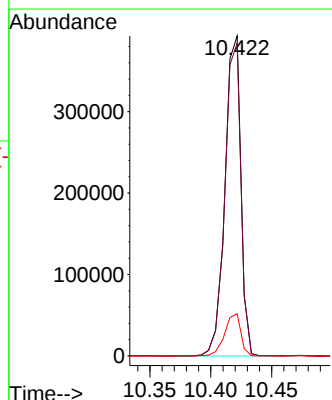
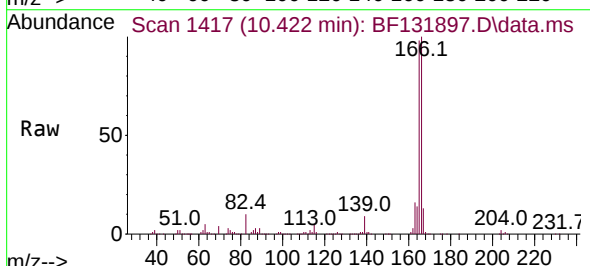
Manual Integrations
APPROVED

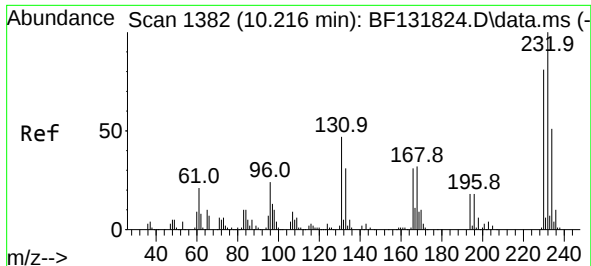
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#58
Fluorene
Concen: 42.519 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

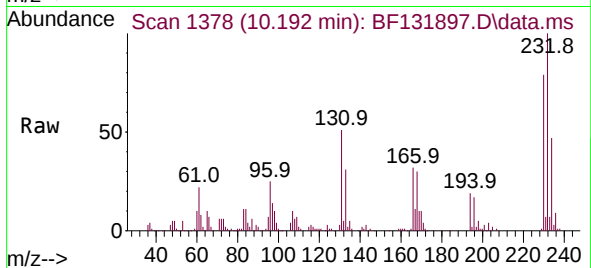
Tgt Ion:166 Resp: 357039
Ion Ratio Lower Upper
166 100
165 97.7 77.0 115.4
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.448 ng m
RT: 10.192 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

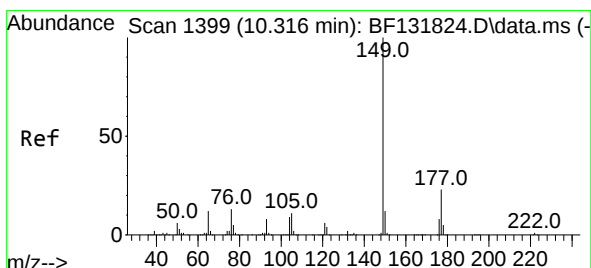
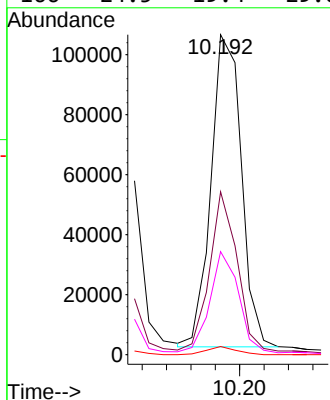
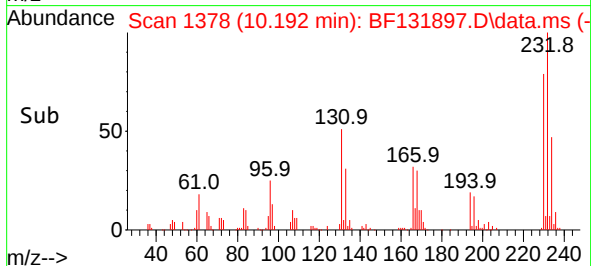
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:232 Resp: 89960
Ion Ratio Lower Upper
232 100
131 41.1 30.1 45.1
130 2.5 1.8 2.6
166 24.5 19.4 29.0

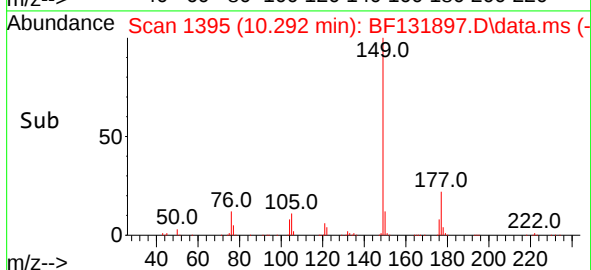
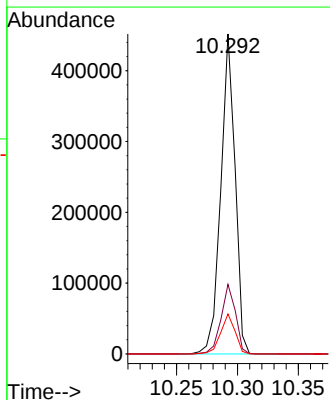
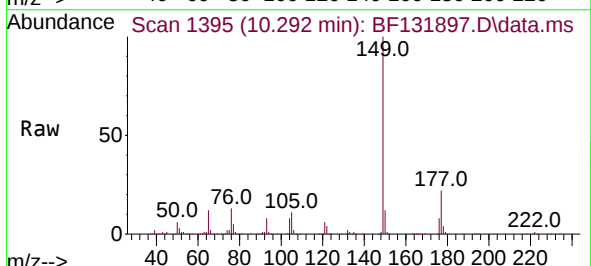
Manual Integrations
APPROVED

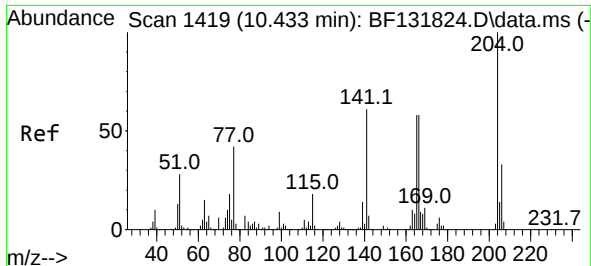
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#60
Diethylphthalate
Concen: 43.079 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

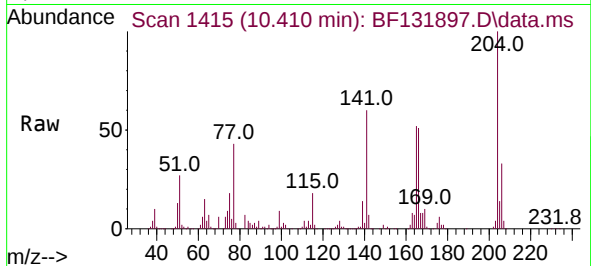
Tgt Ion:149 Resp: 367901
Ion Ratio Lower Upper
149 100
177 21.7 18.1 27.1
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.735 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

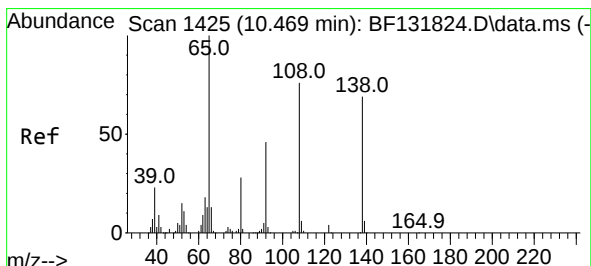
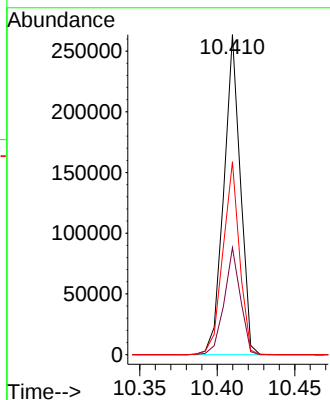
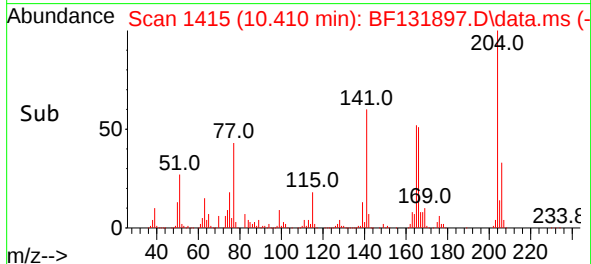
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:204 Resp: 195278
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 60.3 49.0 73.4

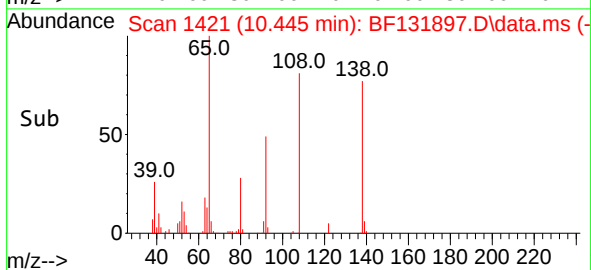
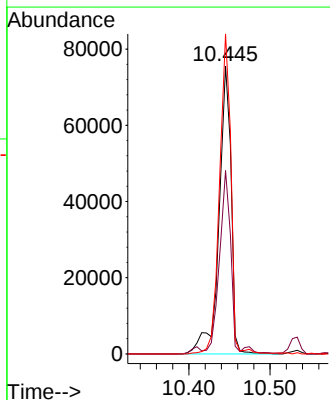
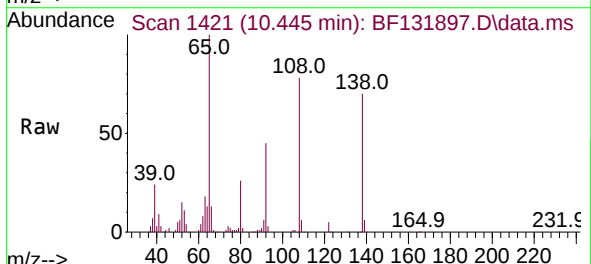
Manual Integrations
APPROVED

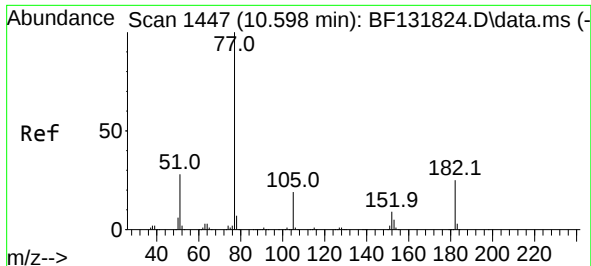
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#62
4-Nitroaniline
Concen: 38.215 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

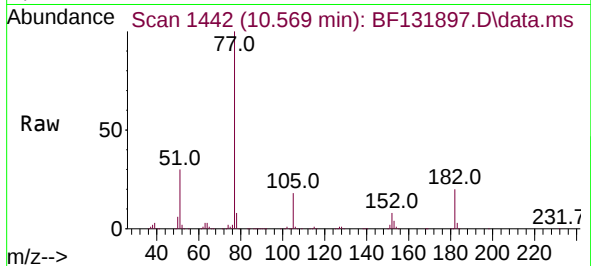
Tgt Ion:138 Resp: 77948
Ion Ratio Lower Upper
138 100
92 63.7 47.2 87.2
108 111.2 89.2 129.2





#63
Azobenzene
Concen: 43.413 ng
RT: 10.569 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

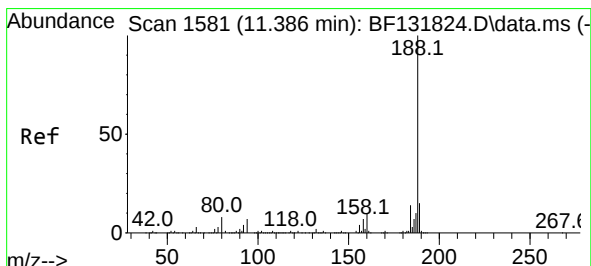
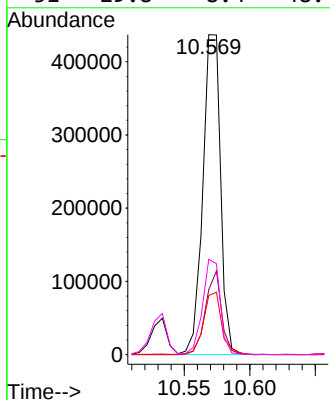
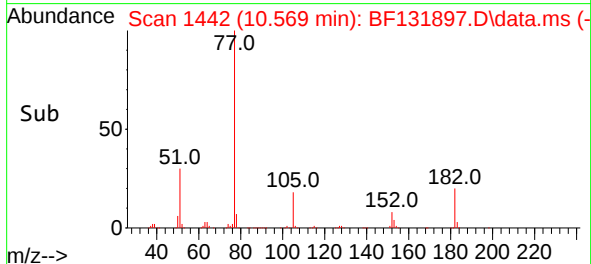
Instrument :
BNA_F
ClientSampleId :
MM-4MS



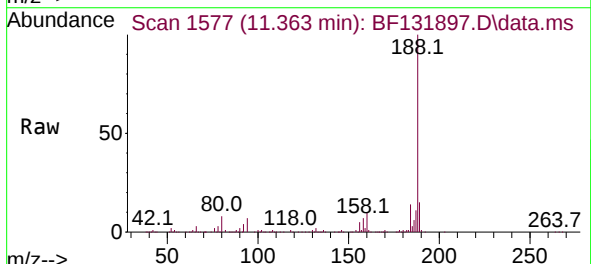
Tgt Ion: 77 Resp: 411463
Ion Ratio Lower Upper
77 100
182 20.3 5.0 45.0
105 18.4 0.0 39.4
51 29.8 8.4 48.4

Manual Integrations
APPROVED

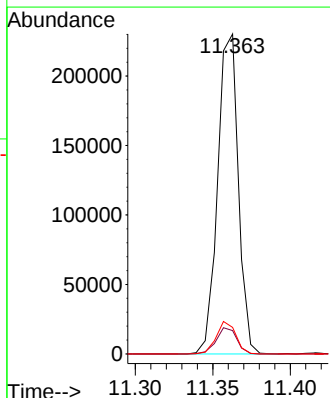
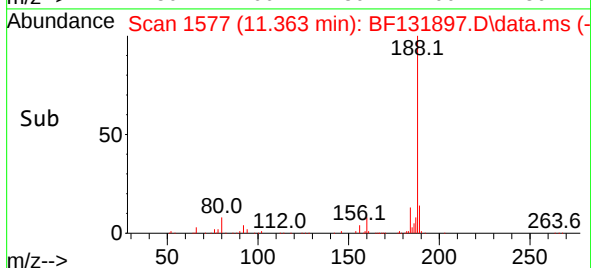
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

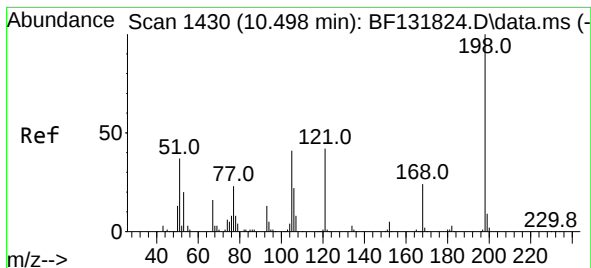


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:188 Resp: 214438
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.6
80 8.3 6.7 10.1





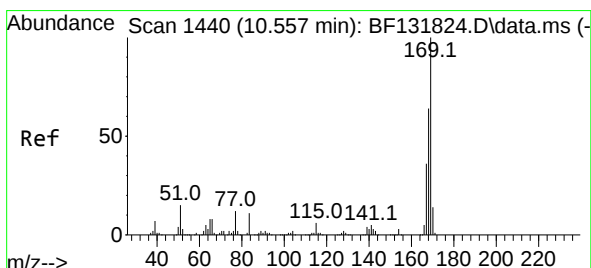
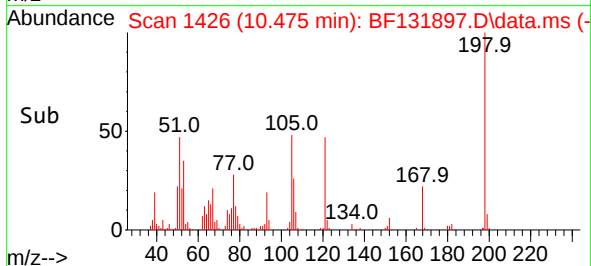
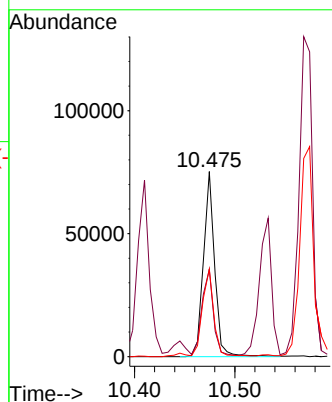
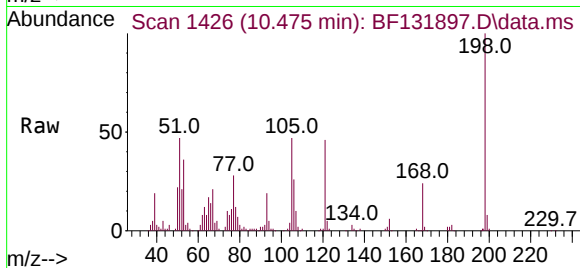
#65
4,6-Dinitro-2-methylphenol
Concen: 39.850 ng
RT: 10.475 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Tgt Ion:198 Resp: 58182
Ion Ratio Lower Upper
198 100
51 47.1 21.6 61.6
105 47.3 22.0 62.0

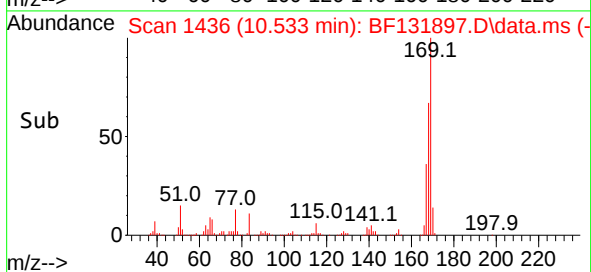
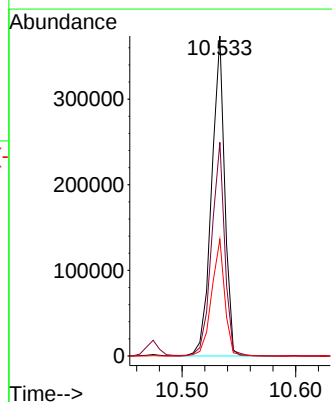
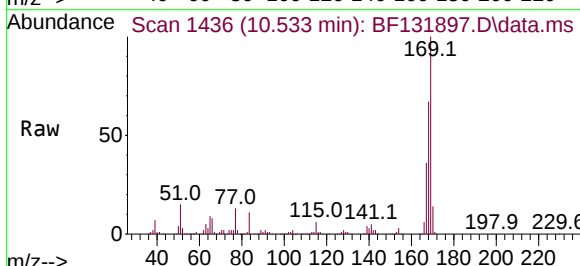
Manual Integrations
APPROVED

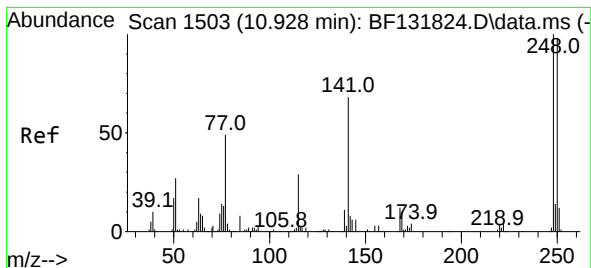
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#66
n-Nitrosodiphenylamine
Concen: 45.895 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

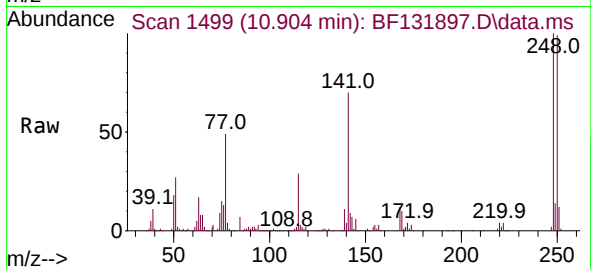
Tgt Ion:169 Resp: 300212
Ion Ratio Lower Upper
169 100
168 66.7 51.5 77.3
167 36.4 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 46.130 ng
RT: 10.904 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

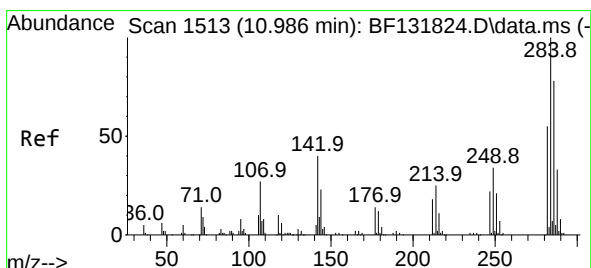
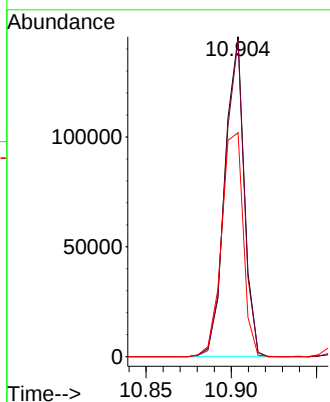
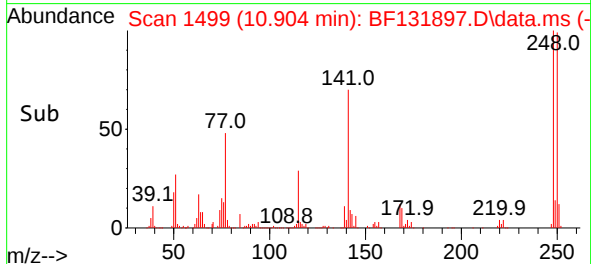
Instrument :
BNA_F
ClientSampleId :
MM-4MS



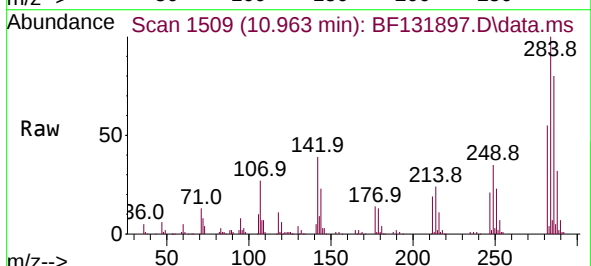
Tgt Ion:248 Resp: 114649
Ion Ratio Lower Upper
248 100
250 98.8 78.0 117.0
141 70.0 54.8 82.2

Manual Integrations
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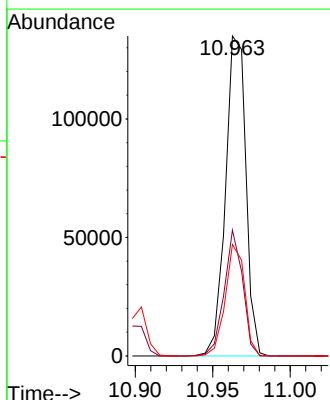
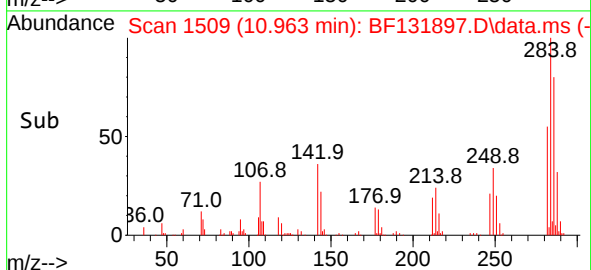
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

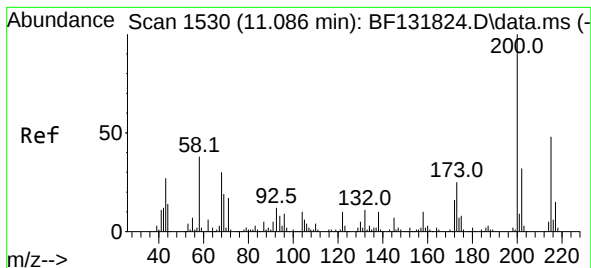


#68
Hexachlorobenzene
Concen: 45.429 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:284 Resp: 124030
Ion Ratio Lower Upper
284 100
142 39.3 31.6 47.4
249 34.8 26.9 40.3





#69

Atrazine

Concen: 50.310 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

Tgt Ion:200 Resp: 10834

Ion Ratio Lower Upper

200 100

173 21.8 4.5 44.5

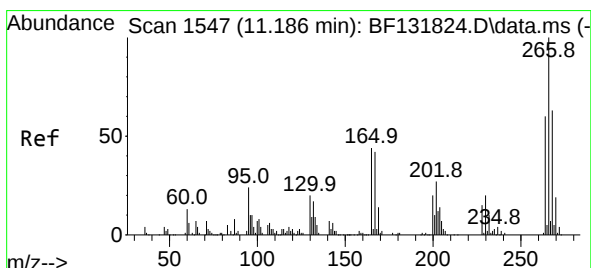
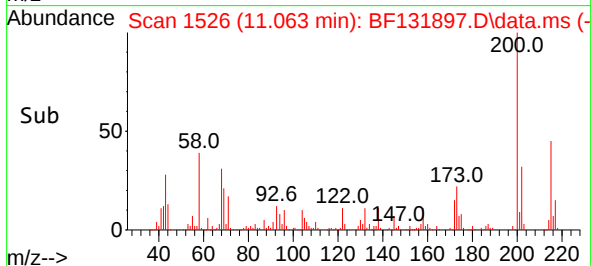
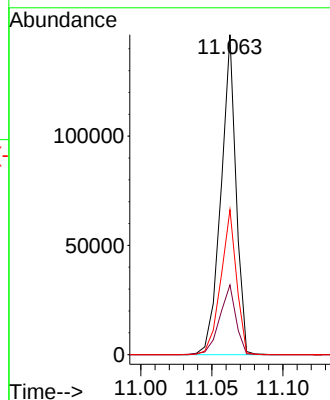
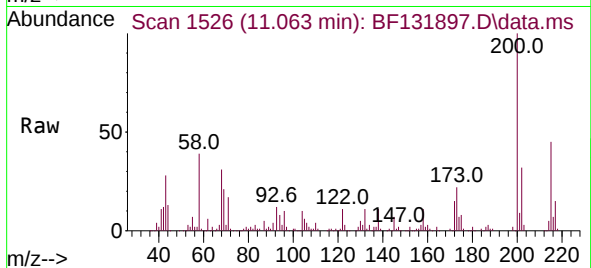
215 45.3 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#70

Pentachlorophenol

Concen: 85.886 ng

RT: 11.169 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

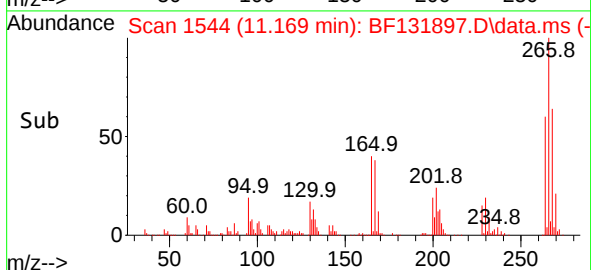
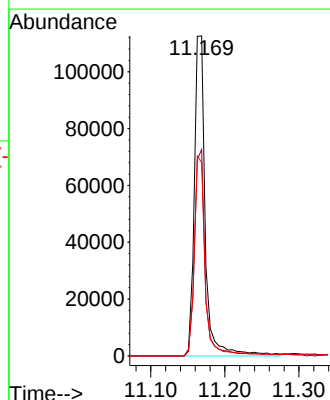
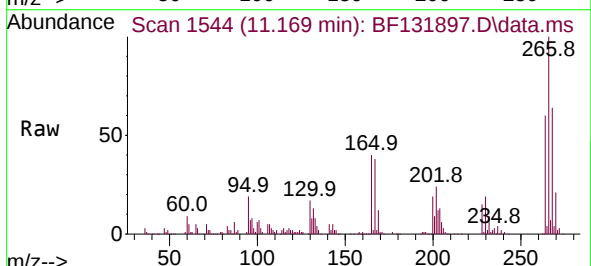
Tgt Ion:266 Resp: 116029

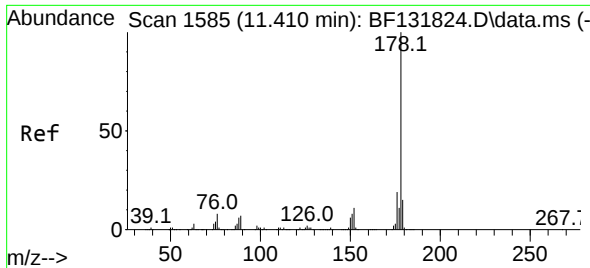
Ion Ratio Lower Upper

266 100

268 64.5 50.5 75.7

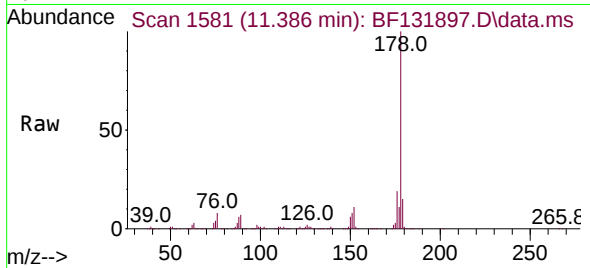
264 60.5 48.3 72.5





#71
Phenanthrene
Concen: 42.470 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

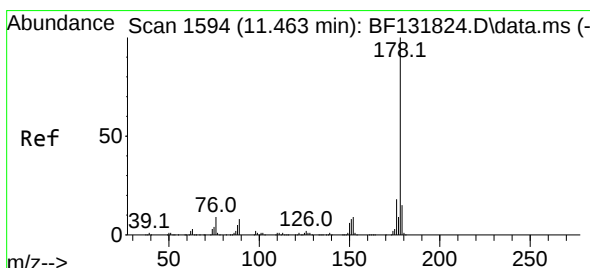
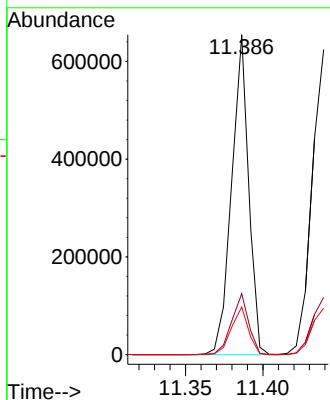
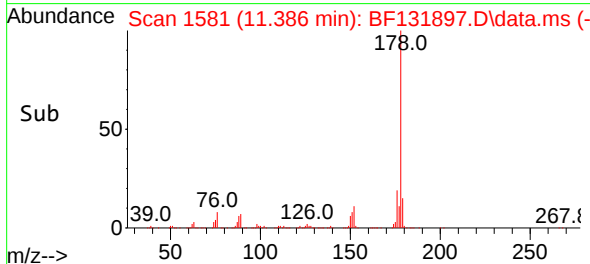
Instrument :
BNA_F
ClientSampleId :
MM-4MS



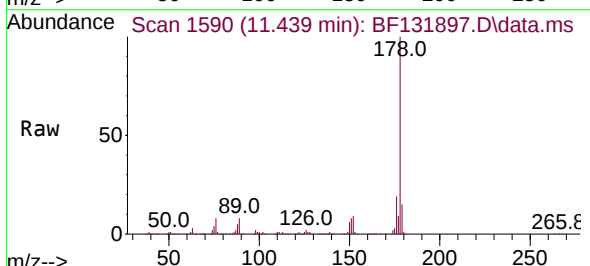
Tgt Ion:178 Resp: 500818
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.9 12.2 18.4

Manual Integrations
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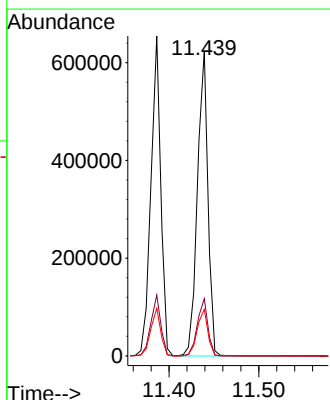
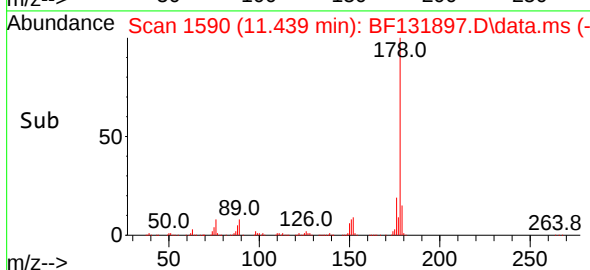
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

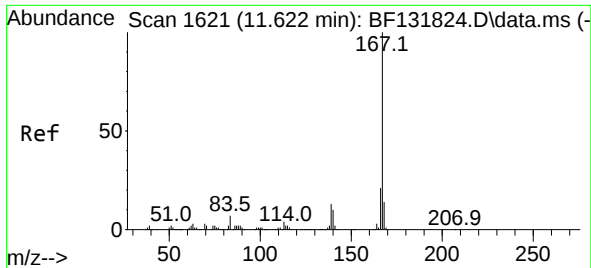


#72
Anthracene
Concen: 44.047 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:178 Resp: 508112
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.3 12.2 18.2





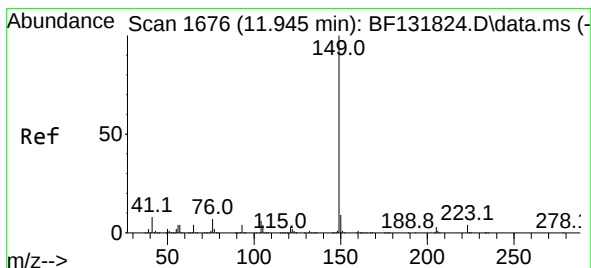
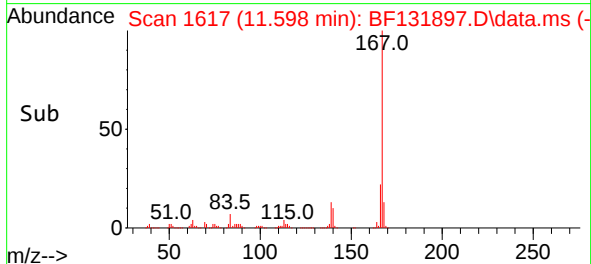
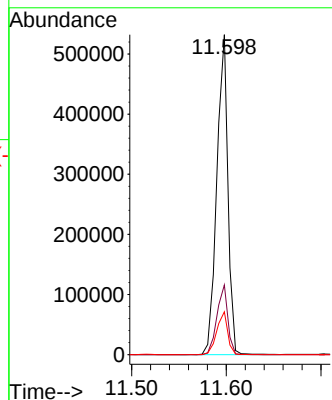
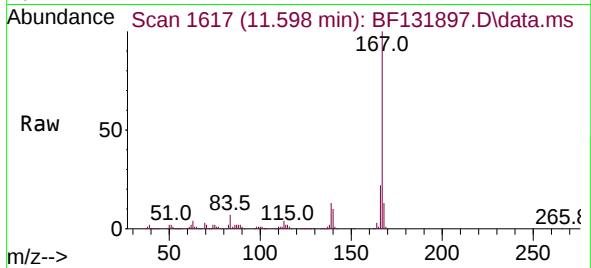
#73
 Carbazole
 Concen: 42.464 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

Instrument :
 BNA_F
 ClientSampleId :
 MM-4MS

Tgt Ion:167 Resp: 432451
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.6 24.8
 139 13.4 10.6 15.8

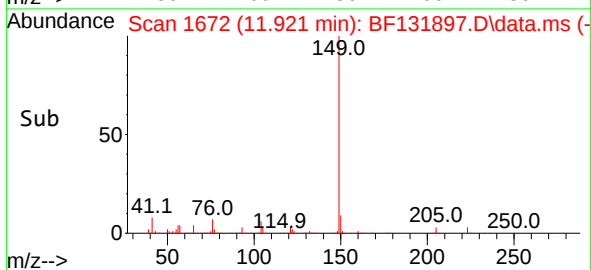
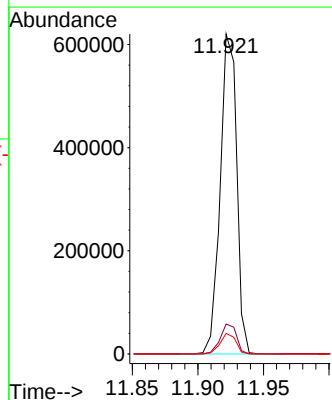
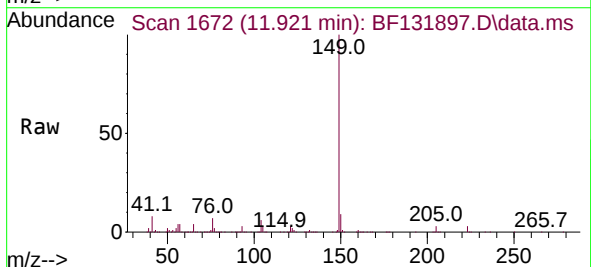
Manual Integrations
 APPROVED

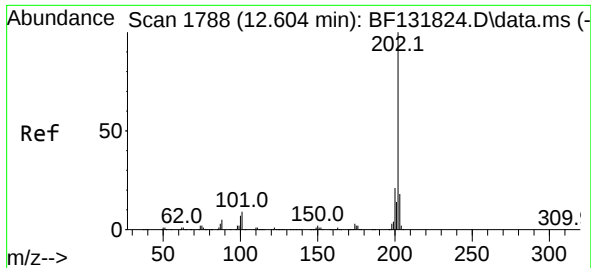
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#74
 Di-n-butylphthalate
 Concen: 44.173 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

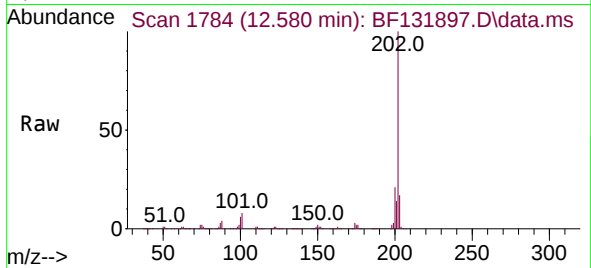
Tgt Ion:149 Resp: 543741
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.4 5.1 7.7





#75
Fluoranthene
Concen: 35.528 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

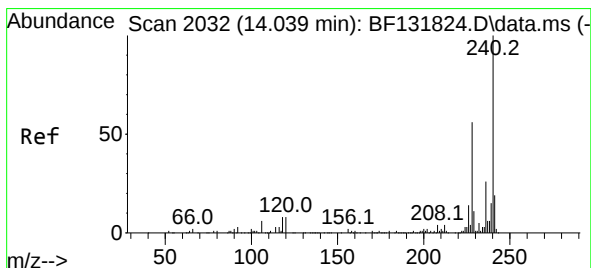
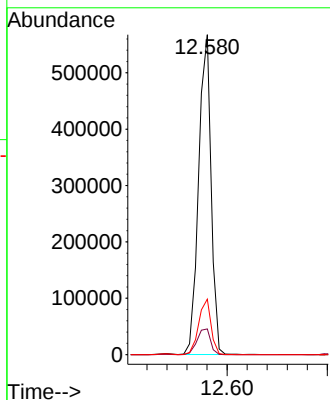
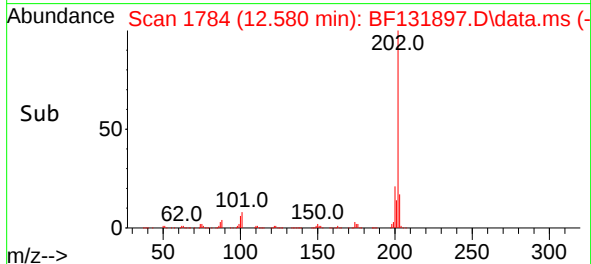
Instrument :
BNA_F
ClientSampleId :
MM-4MS



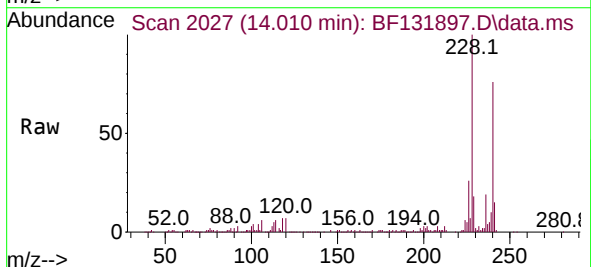
Tgt Ion:202 Resp: 487996
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 17.3 0.0 37.8

Manual Integrations
APPROVED

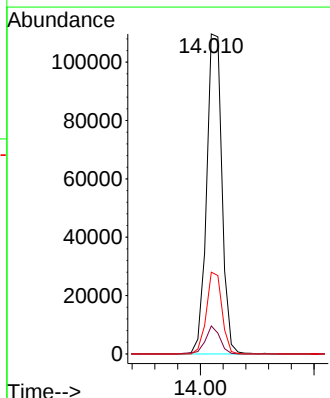
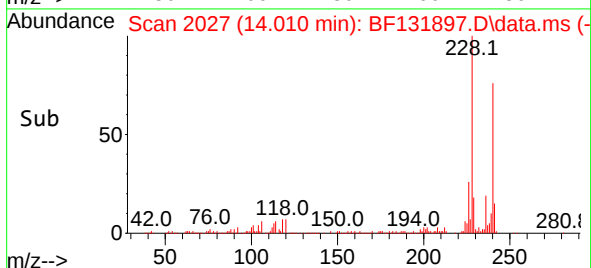
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

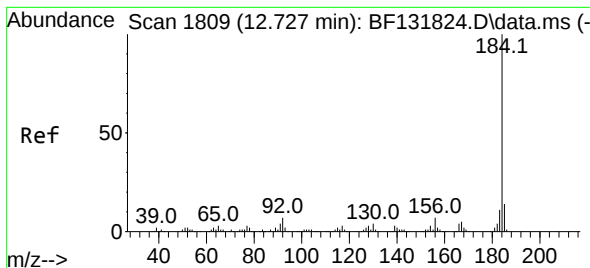


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:240 Resp: 102889
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 25.5 20.6 31.0





#77

Benzidine

Concen: 116.433 ng

RT: 12.704 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

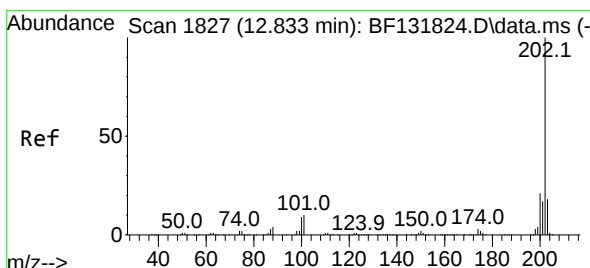
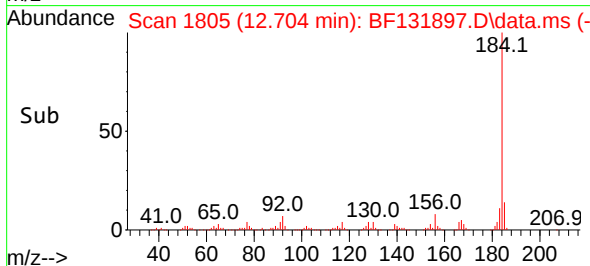
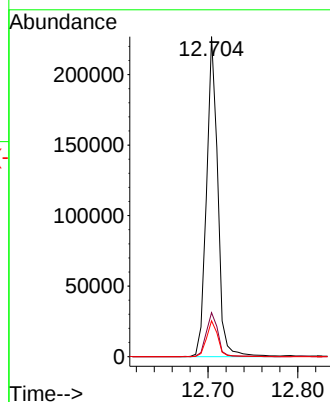
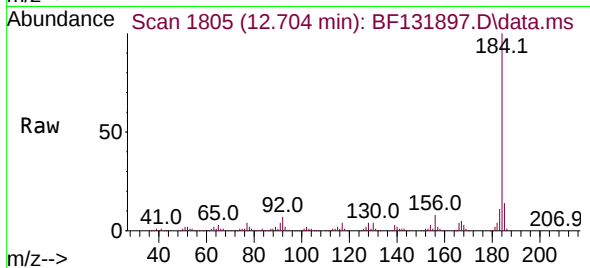
MM-4MS

Tgt Ion:184	Resp:	196870
Ion Ratio	Lower	Upper
184	100	
185	13.7	11.6 17.4
183	11.2	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#78

Pyrene

Concen: 55.606 ng

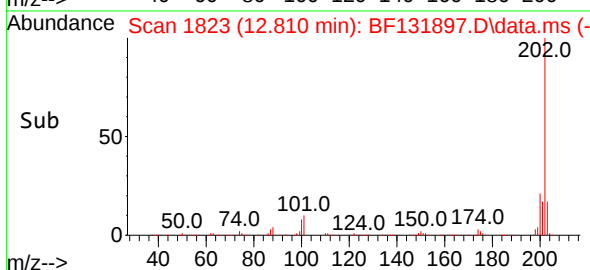
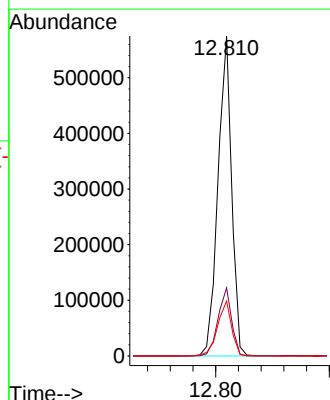
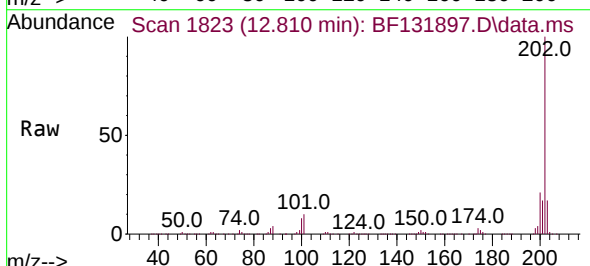
RT: 12.810 min Scan# 1823

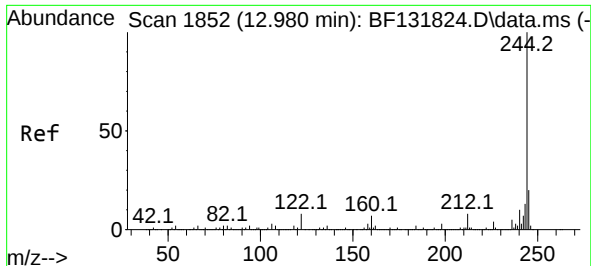
Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

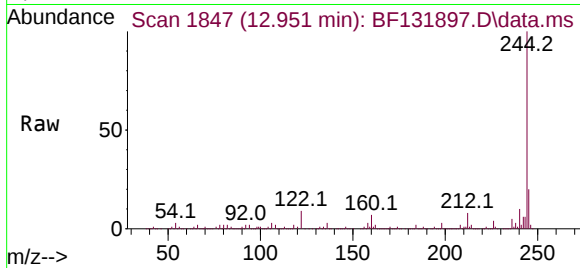
Tgt Ion:202	Resp:	479536
Ion Ratio	Lower	Upper
202	100	
200	21.3	16.7 25.1
203	17.1	14.4 21.6





#79
 Terphenyl-d14
 Concen: 119.469 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

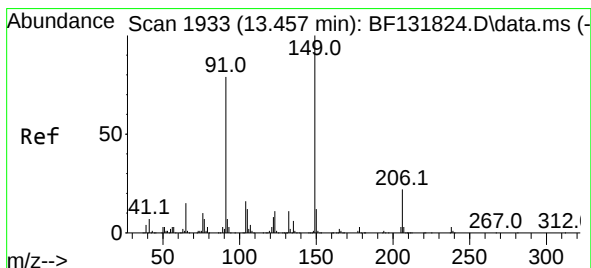
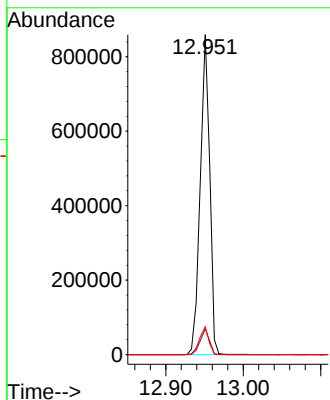
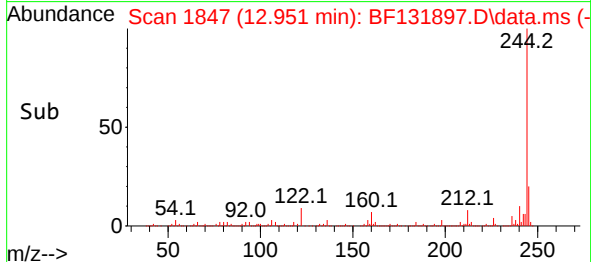
Instrument :
 BNA_F
 ClientSampleId :
 MM-4MS



Tgt Ion:244 Resp: 726688
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 8.7 6.4 9.6

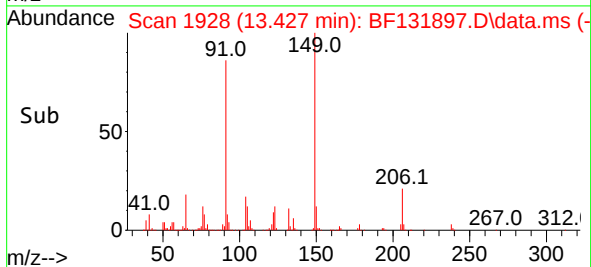
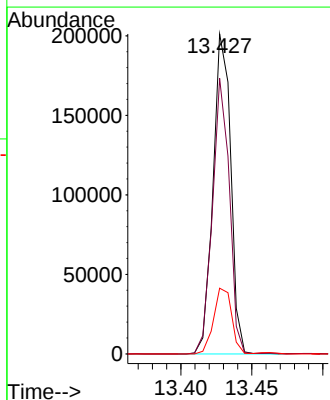
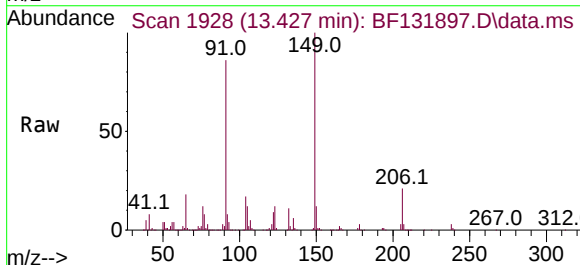
Manual Integrations
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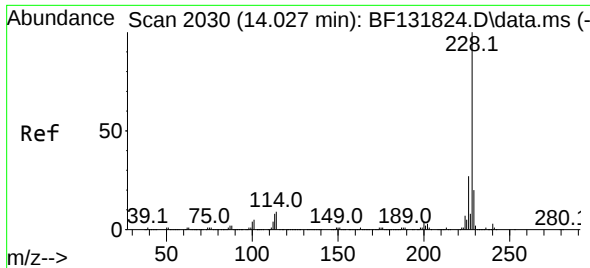
Reviewed By :Christian Giraldo 01/05/2023
 Supervised By :Jagrut Upadhyay 01/05/2023



#80
 Butylbenzylphthalate
 Concen: 54.338 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF131897.D
 Acq: 04 Jan 2023 14:01

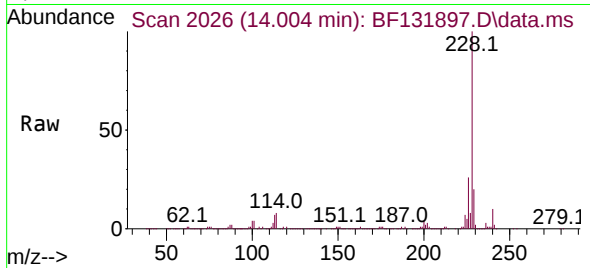
Tgt Ion:149 Resp: 173809
 Ion Ratio Lower Upper
 149 100
 91 86.1 63.2 94.8
 206 20.5 17.9 26.9





#81
Benzo(a)anthracene
Concen: 45.153 ng
RT: 14.004 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

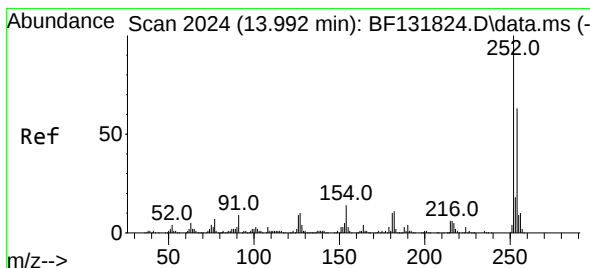
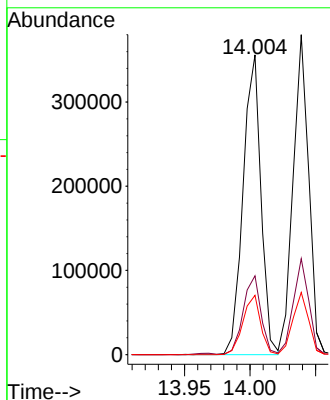
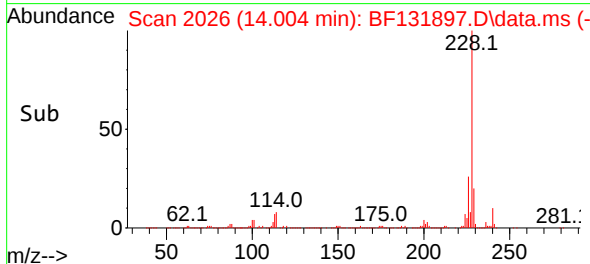
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:228 Resp: 336358
Ion Ratio Lower Upper
228 100
226 26.3 22.0 33.0
229 19.8 16.0 24.0

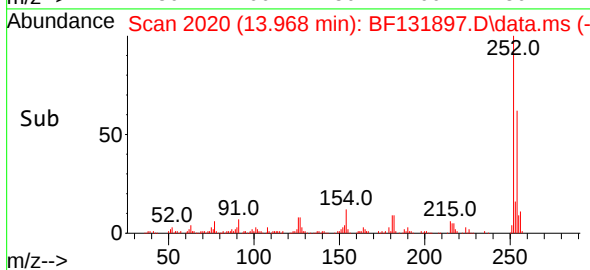
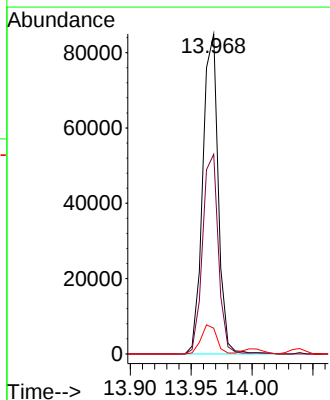
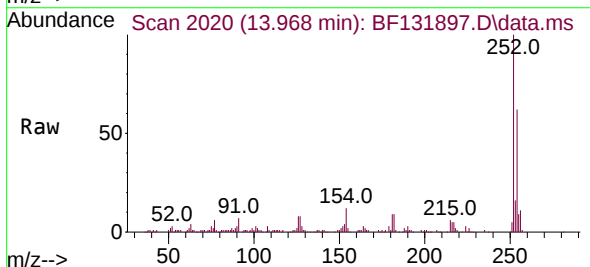
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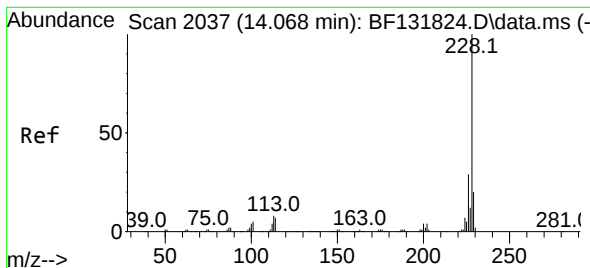
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 34.895 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:252 Resp: 75133
Ion Ratio Lower Upper
252 100
254 62.4 50.4 75.6
126 8.0 7.5 11.3





#83

Chrysene

Concen: 44.957 ng

RT: 14.039 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

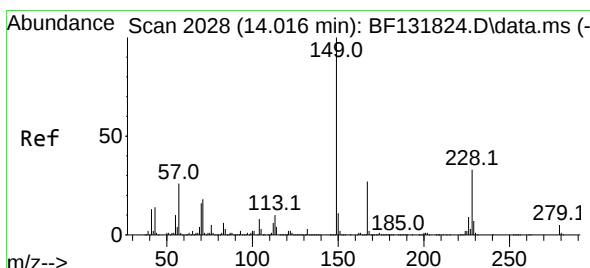
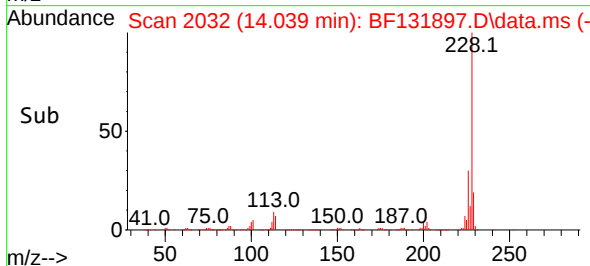
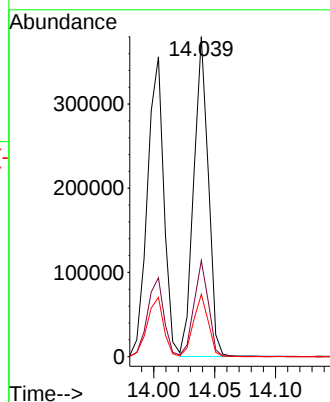
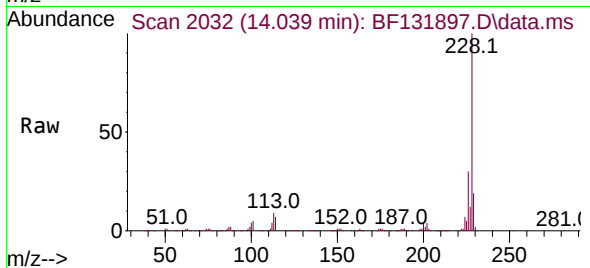
Tgt Ion:228 Resp: 314704

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	19.4	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.769 ng

RT: 13.986 min Scan# 2023

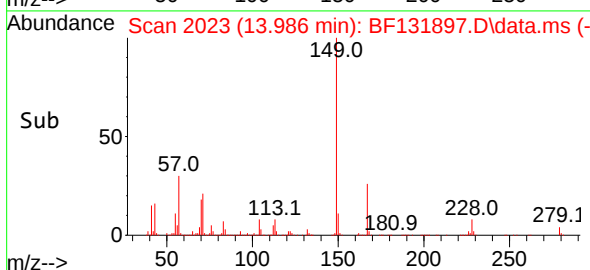
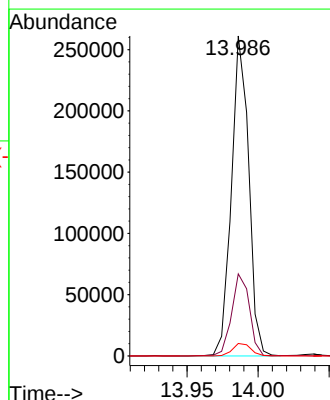
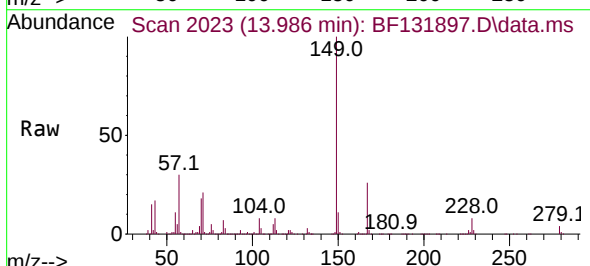
Delta R.T. -0.006 min

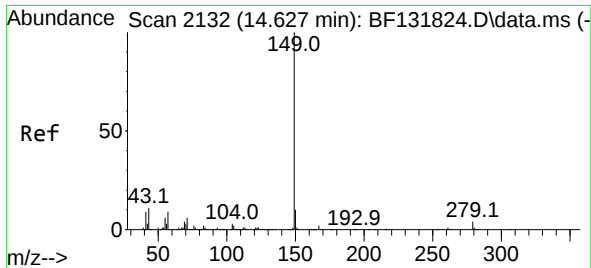
Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Tgt Ion:149 Resp: 221094

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.8	32.6
279	3.9	3.9	5.9





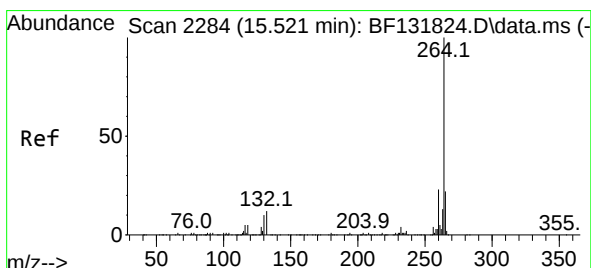
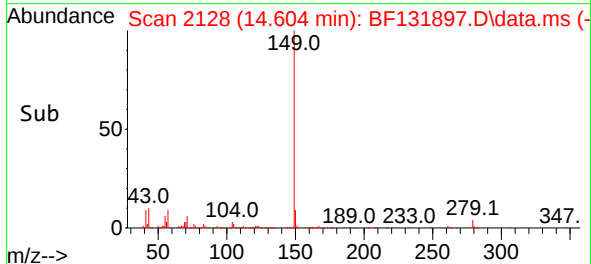
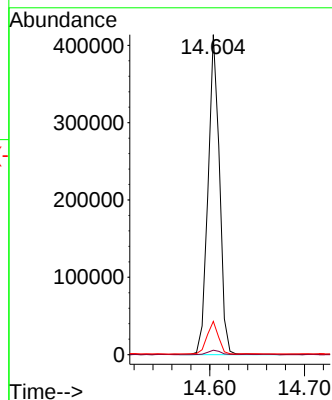
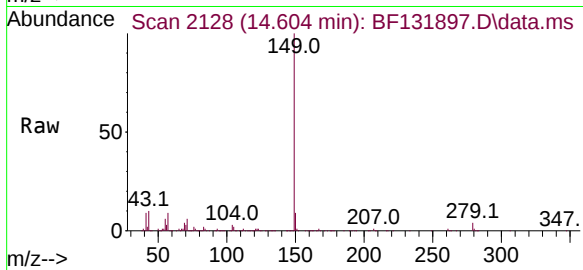
#85
Di-n-octyl phthalate
Concen: 66.292 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :
BNA_F
ClientSampleId :
MM-4MS

Tgt Ion:149 Resp: 347552
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.1 12.1

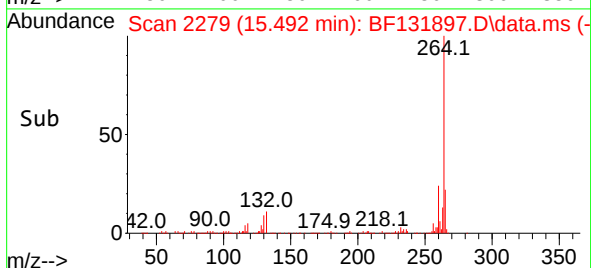
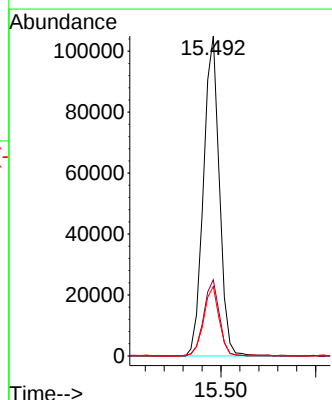
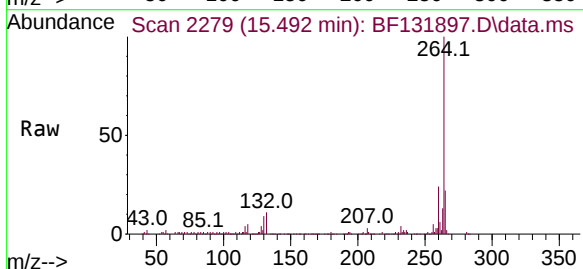
Manual Integrations
APPROVED

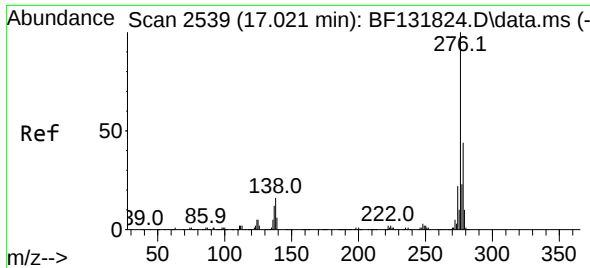
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:264 Resp: 122269
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.7 17.4 26.0





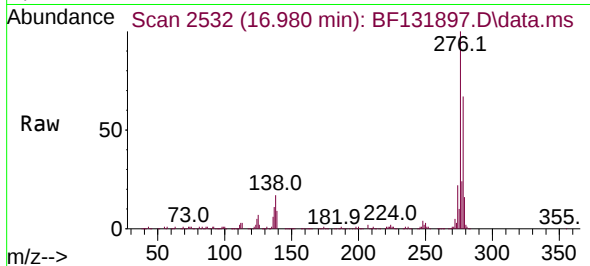
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.985 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

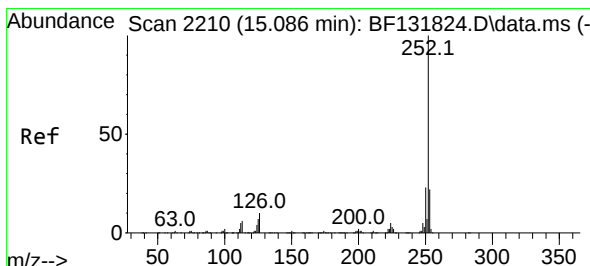
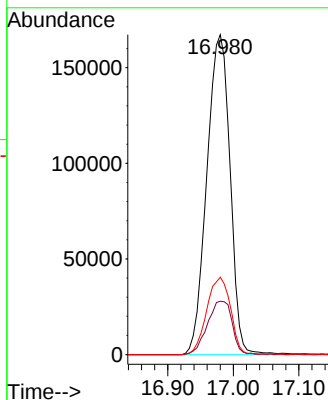
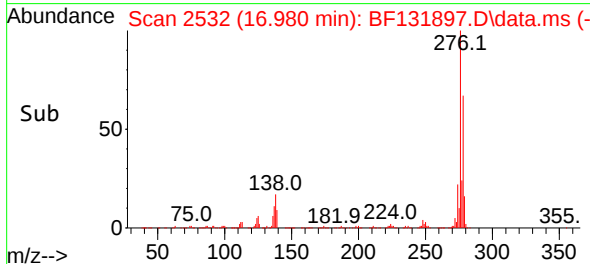


Tgt Ion:276 Resp: 411576
Ion Ratio Lower Upper
276 100
138 17.8 14.5 21.7
277 24.9 19.7 29.5

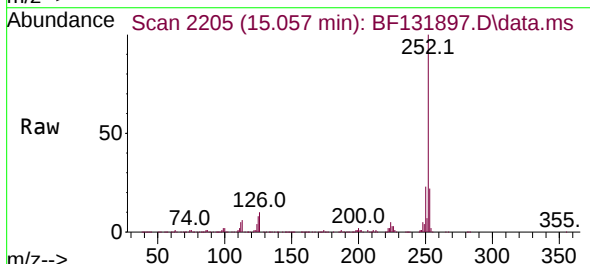
Manual Integrations

APPROVED

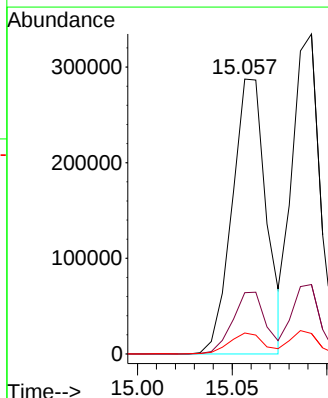
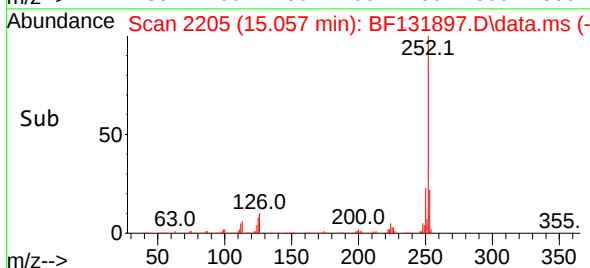
Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

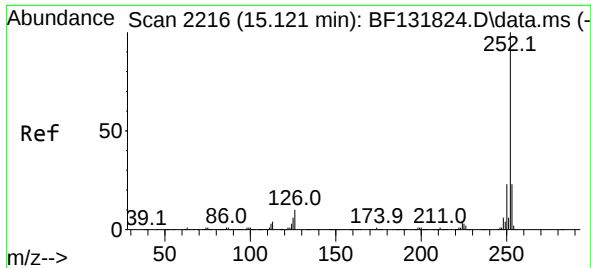


#88
Benzo(b)fluoranthene
Concen: 40.370 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01



Tgt Ion:252 Resp: 361925
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 7.6 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 39.105 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

Instrument :

BNA_F

ClientSampleId :

MM-4MS

Tgt Ion:252 Resp: 33874

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

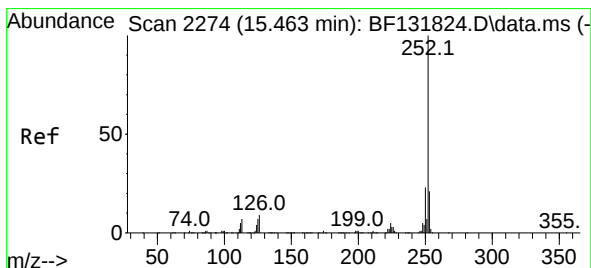
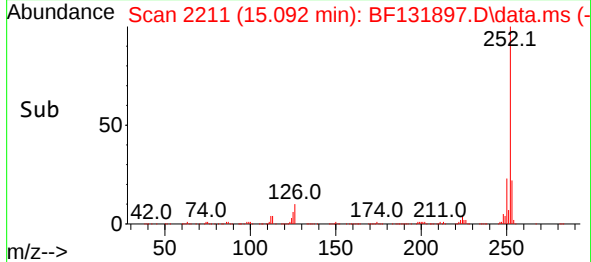
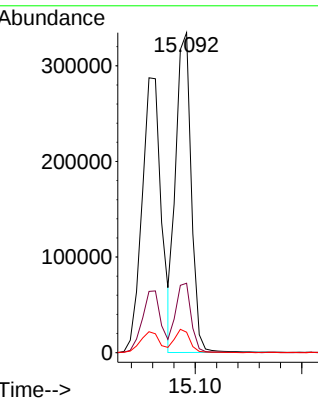
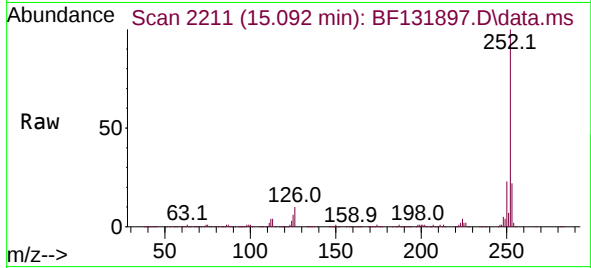
125 6.4 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2023

Supervised By :Jagrut Upadhyay 01/05/2023



#90

Benzo(a)pyrene

Concen: 45.265 ng

RT: 15.427 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF131897.D

Acq: 04 Jan 2023 14:01

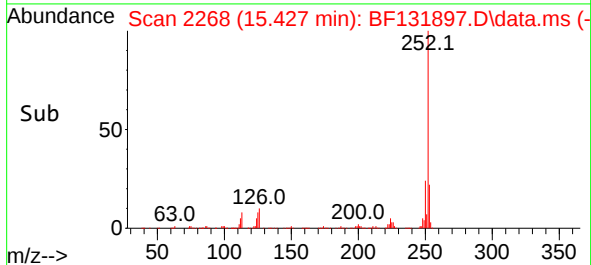
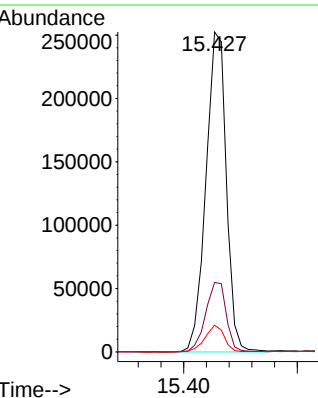
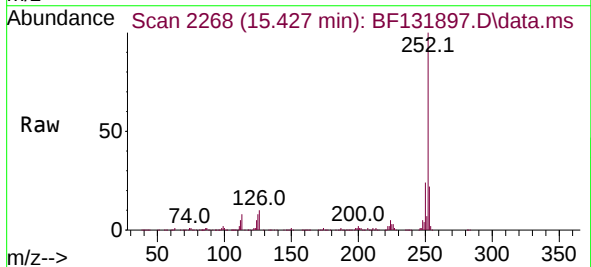
Tgt Ion:252 Resp: 314183

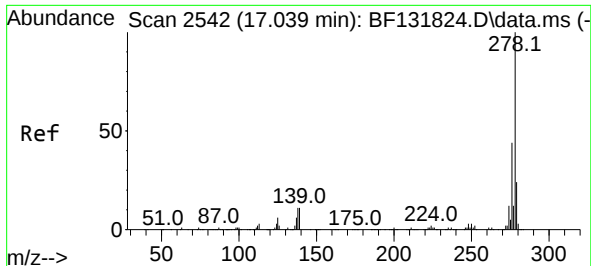
Ion Ratio Lower Upper

252 100

253 21.7 16.6 24.8

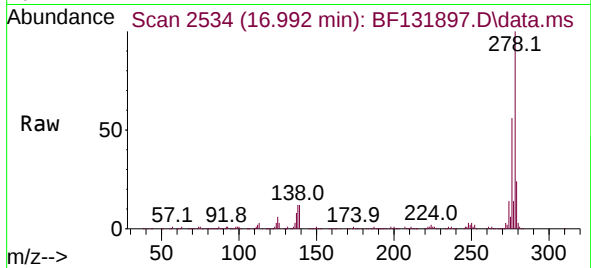
125 8.3 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 54.180 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

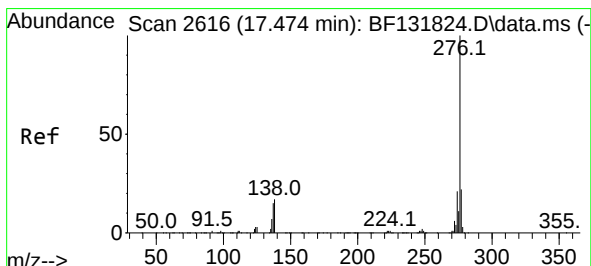
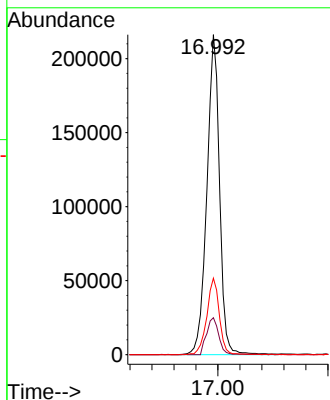
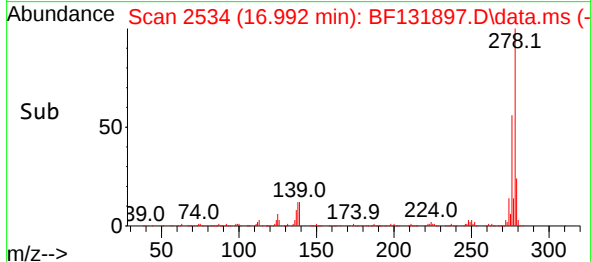
Instrument :
BNA_F
ClientSampleId :
MM-4MS



Tgt Ion:278 Resp: 344734
Ion Ratio Lower Upper
278 100
139 11.5 8.6 12.8
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023



#92
Benzo(g,h,i)perylene
Concen: 44.872 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BF131897.D
Acq: 04 Jan 2023 14:01

Tgt Ion:276 Resp: 334810
Ion Ratio Lower Upper
276 100
277 23.8 17.9 26.9
138 16.1 13.7 20.5

