

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
 Data File : BF131970.D
 Acq On : 09 Jan 2023 18:57
 Operator : CG\JU
 Sample : 01043-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-203MSD

Quant Time: Jan 10 03:13:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/10/2023
 Supervised By :Jagrut Upadhyay 01/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74648	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	275599	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	159353	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	304661	20.000	ng	0.00
76) Chrysene-d12	13.980	240	153407	20.000	ng	0.00
86) Perylene-d12	15.439	264	151318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	548265	121.024	ng	0.02
7) Phenol-d6	6.434	99	710514	118.291	ng	0.00
23) Nitrobenzene-d5	7.363	82	501665	75.548	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	206125	112.501	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	856619	72.569	ng	0.00
79) Terphenyl-d14	12.921	244	904052	84.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	87440	44.194	ng	99
3) Pyridine	3.287	79	236968	42.674	ng	98
4) n-Nitrosodimethylamine	3.257	42	123058	47.153	ng	95
6) Aniline	6.451	93	283068	35.818	ng	91
8) 2-Chlorophenol	6.569	128	216785	47.695	ng	97
9) Benzaldehyde	6.334	77	136852	34.241	ng	98
10) Phenol	6.445	94	307888	45.950	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	230404	45.615	ng	100
12) 1,3-Dichlorobenzene	6.728	146	237982	47.008	ng	98
13) 1,4-Dichlorobenzene	6.804	146	244133	47.660	ng	98
14) 1,2-Dichlorobenzene	6.957	146	230769	47.435	ng	98
15) Benzyl Alcohol	6.939	79	240142	45.911	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	289096	45.353	ng	90
17) 2-Methylphenol	7.051	107	192269	42.745	ng	99
18) Hexachloroethane	7.298	117	101473	47.902	ng	93
19) n-Nitroso-di-n-propyla...	7.210	70	187029	43.044	ng	98
20) 3+4-Methylphenols	7.210	107	248828	43.089	ng	90
22) Acetophenone	7.204	105	358616	44.692	ng	99
24) Nitrobenzene	7.381	77	290338	42.948	ng	99
25) Isophorone	7.622	82	517875	41.746	ng	99
26) 2-Nitrophenol	7.692	139	118960	44.723	ng	95
27) 2,4-Dimethylphenol	7.734	122	196230	44.197	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	292905	42.662	ng	100
29) 2,4-Dichlorophenol	7.939	162	201418	44.290	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	233973	44.923	ng	99
31) Naphthalene	8.098	128	629785	43.240	ng	100
32) Benzoic acid	7.881	122	94839	36.844	ng	93
33) 4-Chloroaniline	8.151	127	137202	22.828	ng	98
34) Hexachlorobutadiene	8.210	225	158372	43.857	ng	98
35) Caprolactam	8.539	113	56455m	42.267	ng	
36) 4-Chloro-3-methylphenol	8.645	107	232567	43.572	ng	98
37) 2-Methylnaphthalene	8.792	142	431123	41.214	ng	99
38) 1-Methylnaphthalene	8.892	142	397584	41.025	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	249125	44.366	ng	98
41) Hexachlorocyclopentadiene	8.939	237	225773	80.904	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	153784	45.499	ng	98

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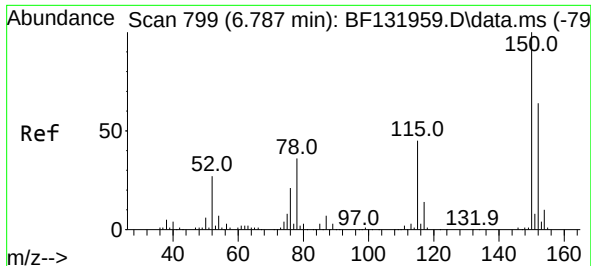
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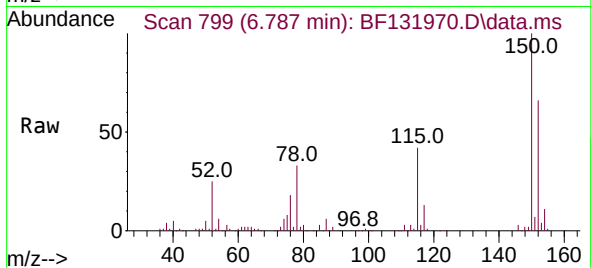
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	163035	41.433	ng	98
46) 1,1'-Biphenyl	9.263	154	546339	44.420	ng	99
47) 2-Chloronaphthalene	9.286	162	433729	45.435	ng	98
48) 2-Nitroaniline	9.392	65	153747	44.342	ng	94
49) Acenaphthylene	9.704	152	652172	44.025	ng	99
50) Dimethylphthalate	9.569	163	527250	42.447	ng	99
51) 2,6-Dinitrotoluene	9.633	165	112092	42.906	ng	87
52) Acenaphthene	9.875	154	382390	43.003	ng	98
53) 3-Nitroaniline	9.804	138	71182	28.084	ng	96
54) 2,4-Dinitrophenol	9.916	184	107809	82.189	ng	97
55) Dibenzofuran	10.045	168	594638	42.424	ng	97
56) 4-Nitrophenol	9.980	139	131856	92.359	ng	99
57) 2,4-Dinitrotoluene	10.039	165	154377	44.198	ng	95
58) Fluorene	10.392	166	480976	42.956	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	129873m	44.295	ng	
60) Diethylphthalate	10.269	149	511769	41.900	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	266808	41.625	ng	94
62) 4-Nitroaniline	10.427	138	96008	42.126	ng	95
63) Azobenzene	10.545	77	567928	43.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	80359	40.901	ng	86
66) n-Nitrosodiphenylamine	10.504	169	415143	43.433	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	160612	42.142	ng	95
68) Hexachlorobenzene	10.939	284	176325	45.734	ng	97
69) Atrazine	11.039	200	153973	44.298	ng	97
70) Pentachlorophenol	11.139	266	149049	72.904	ng	98
71) Phenanthrene	11.357	178	695279	43.778	ng	100
72) Anthracene	11.410	178	712609	43.585	ng	99
73) Carbazole	11.569	167	585834	43.280	ng	100
74) Di-n-butylphthalate	11.892	149	776103	41.177	ng	100
75) Fluoranthene	12.545	202	731874	40.974	ng	99
77) Benzidine	12.674	184	250779	49.206	ng	97
78) Pyrene	12.780	202	731447	52.277	ng	100
80) Butylbenzylphthalate	13.398	149	256090	45.345	ng	97
81) Benzo(a)anthracene	13.968	228	480027	43.010	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	87127	25.013	ng	98
83) Chrysene	14.004	228	452779	43.409	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	316194	41.326	ng	100
85) Di-n-octyl phthalate	14.568	149	477350	45.592	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	524317	56.498	ng	99
88) Benzo(b)fluoranthene	15.015	252	446821	43.052	ng	100
89) Benzo(k)fluoranthene	15.045	252	403942	38.998	ng	98
90) Benzo(a)pyrene	15.380	252	389363	41.639	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	443419	56.998	ng	98
92) Benzo(g,h,i)perylene	17.351	276	431476	51.519	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

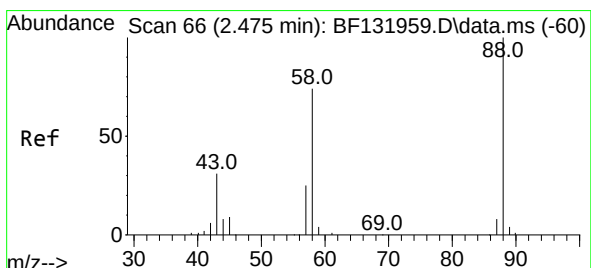
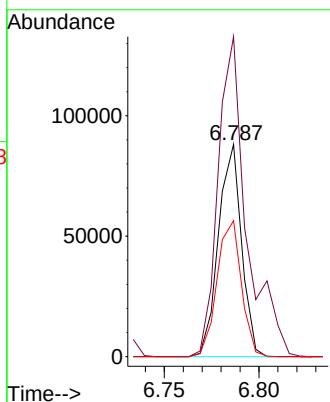
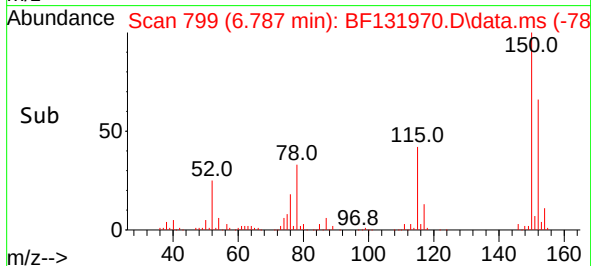
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion:152 Resp: 74648
Ion Ratio Lower Upper
152 100
150 150.8 124.6 186.8
115 64.0 55.6 83.4

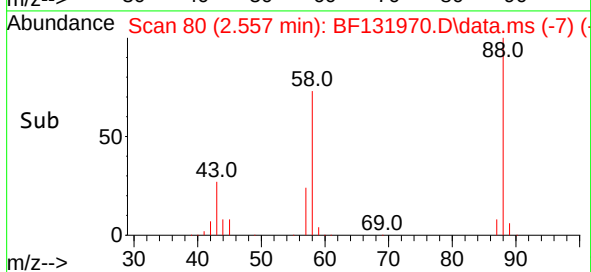
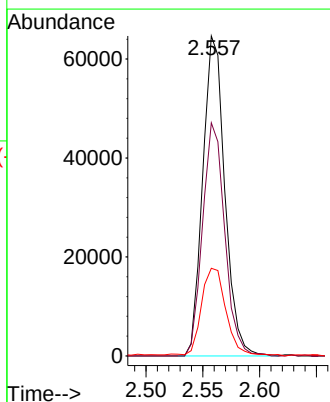
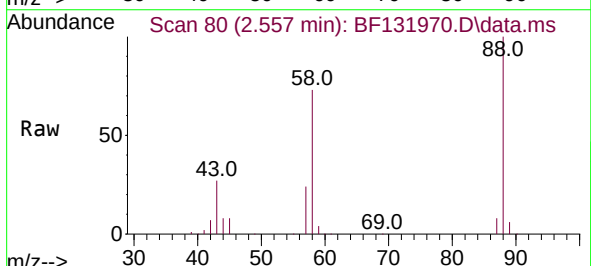
Manual Integrations
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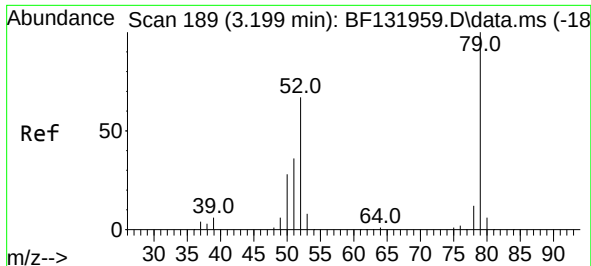
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#2
1,4-Dioxane
Concen: 44.194 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.082 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

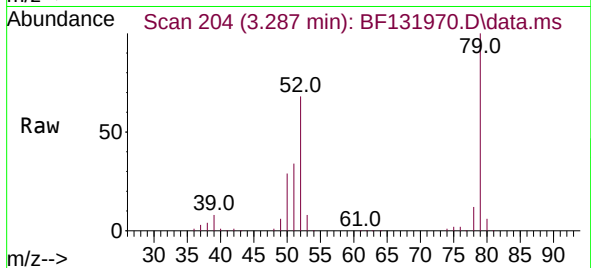
Tgt Ion: 88 Resp: 87440
Ion Ratio Lower Upper
88 100
58 73.1 59.0 88.4
43 30.9 24.6 37.0





#3
Pyridine
Concen: 42.674 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.088 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

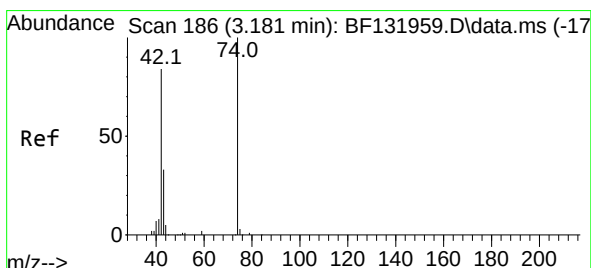
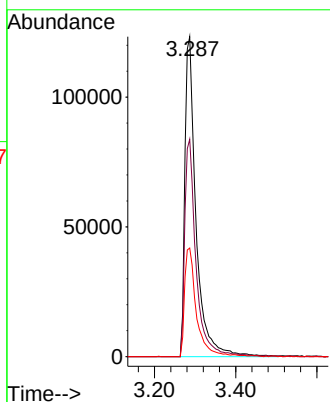
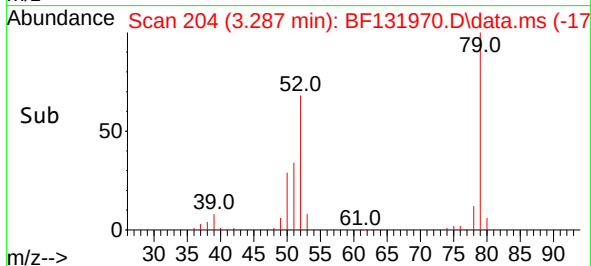
Instrument :
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ClientSampleId :
TP-203MSD



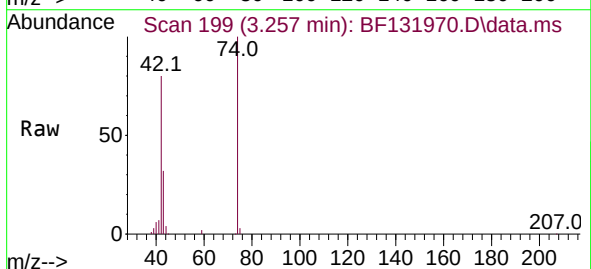
Tgt Ion: 79 Resp: 236968
Ion Ratio Lower Upper
79 100
52 67.9 53.7 80.5
51 33.9 28.6 43.0

Manual Integrations
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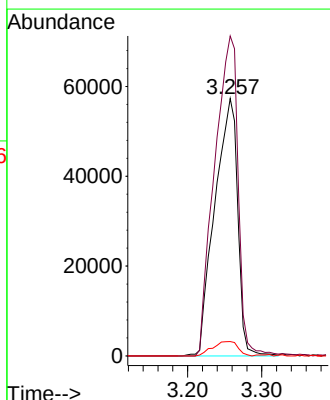
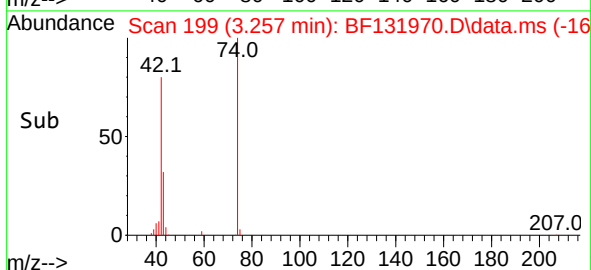
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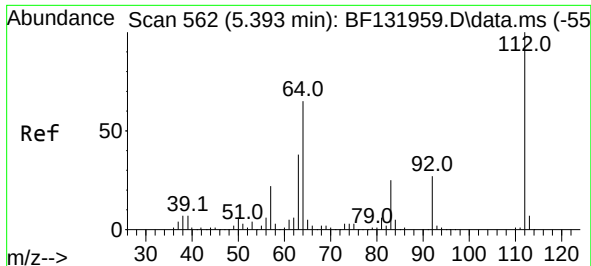


#4
n-Nitrosodimethylamine
Concen: 47.153 ng
RT: 3.257 min Scan# 199
Delta R.T. 0.076 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion: 42 Resp: 123058
Ion Ratio Lower Upper
42 100
74 124.3 94.8 142.2
44 5.5 4.5 6.7





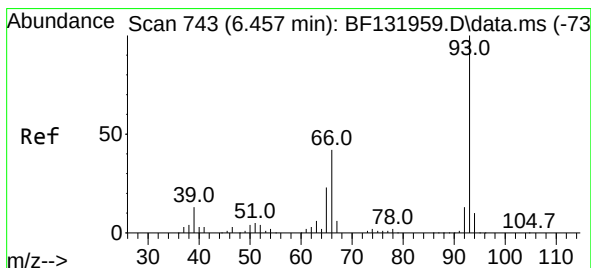
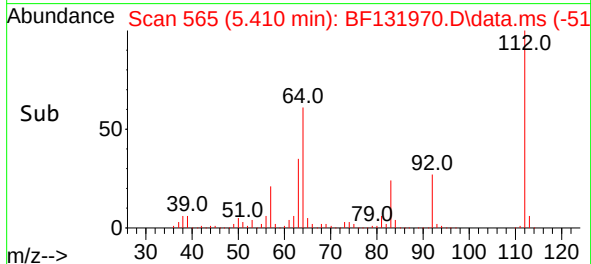
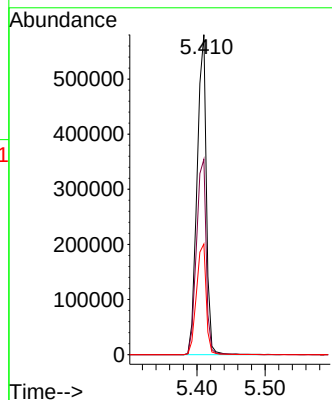
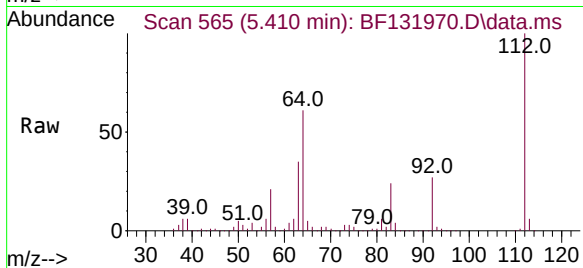
#5
2-Fluorophenol
Concen: 121.024 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion:112 Resp: 548265
Ion Ratio Lower Upper
112 100
64 61.0 51.9 77.9
63 34.6 30.2 45.2

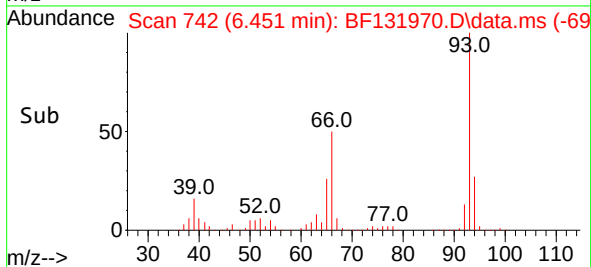
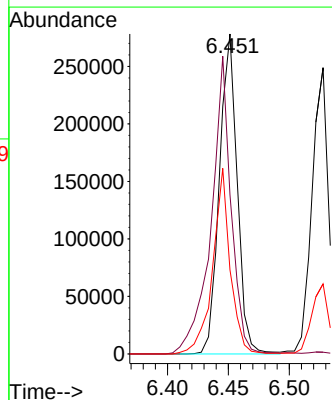
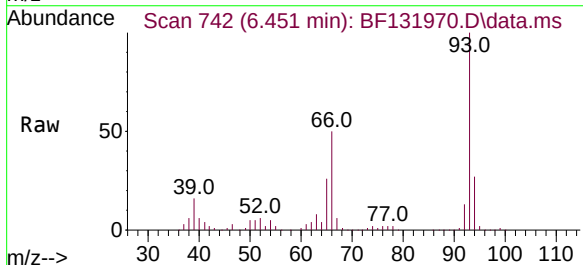
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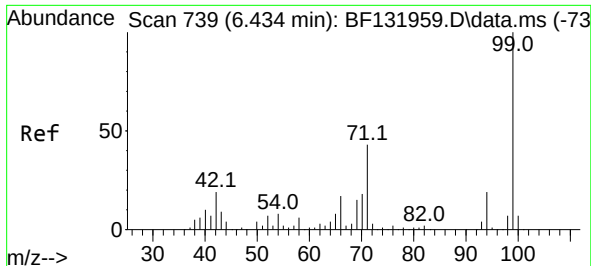
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#6
Aniline
Concen: 35.818 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

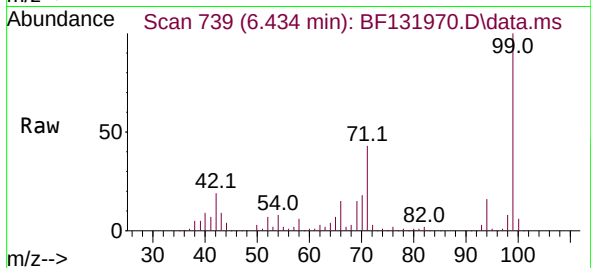
Tgt Ion: 93 Resp: 283068
Ion Ratio Lower Upper
93 100
66 49.8 34.6 51.8
65 26.3 18.2 27.2





#7
Phenol-d6
Concen: 118.291 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

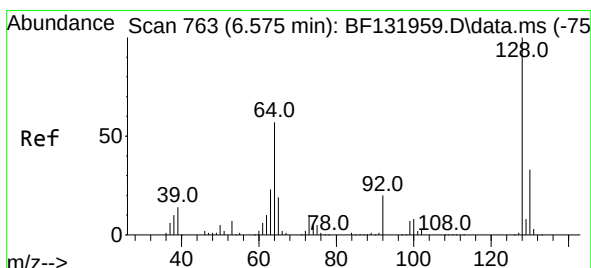
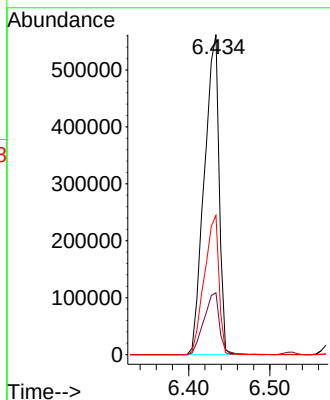
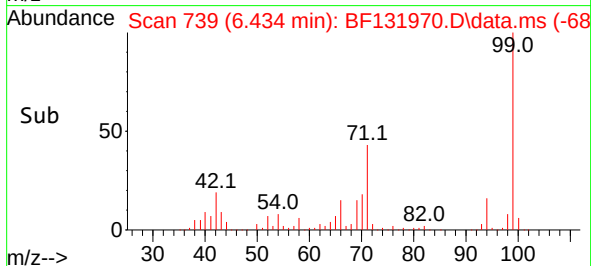
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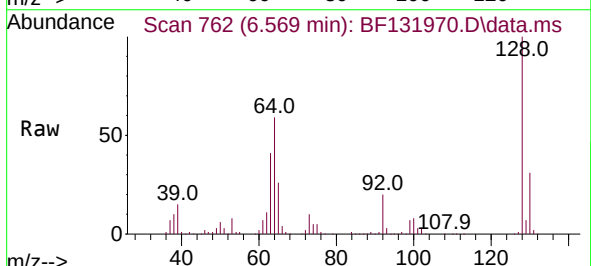
Tgt Ion: 99 Resp: 710514
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.2
71 43.5 34.6 51.8

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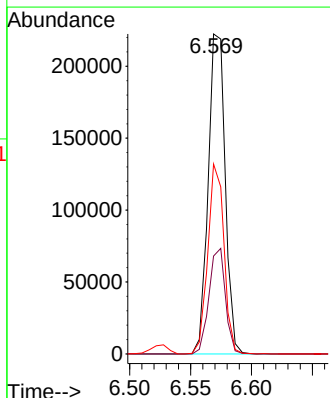
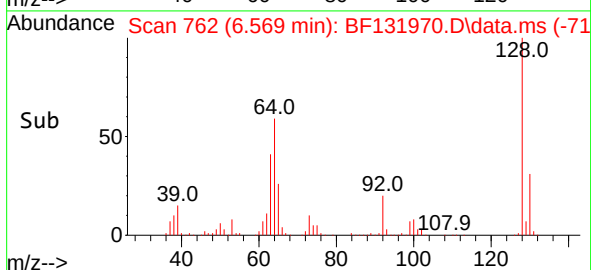
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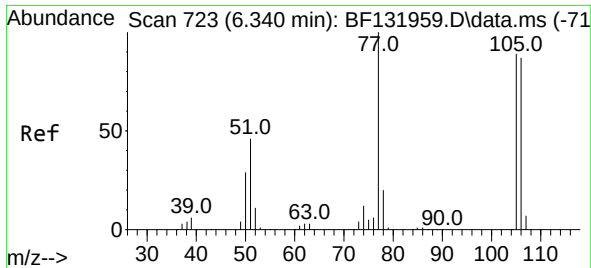


#8
2-Chlorophenol
Concen: 47.695 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



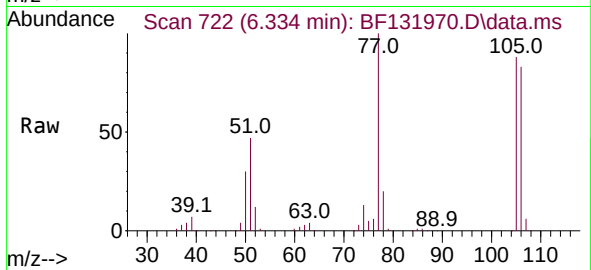
Tgt Ion:128 Resp: 216785
Ion Ratio Lower Upper
128 100
130 30.6 12.5 52.5
64 59.3 37.6 77.6





#9
Benzaldehyde
Concen: 34.241 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

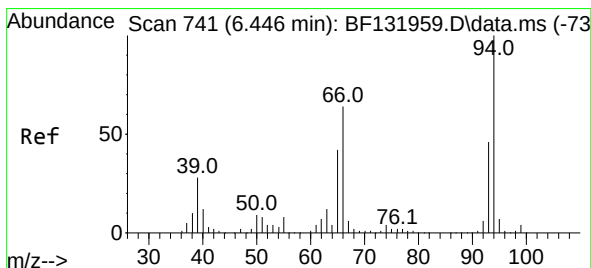
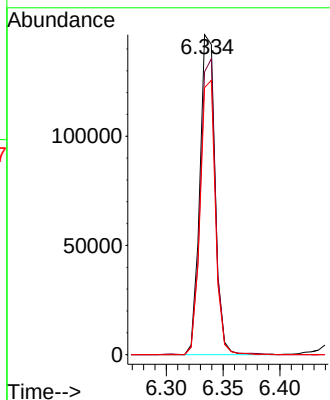
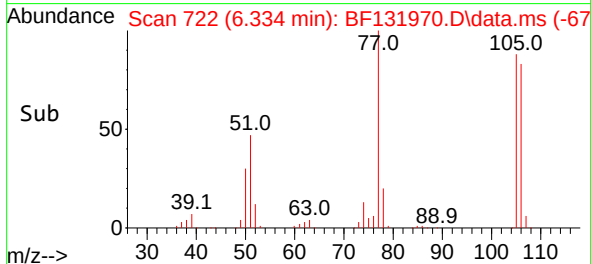
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion: 77 Resp: 136852
Ion Ratio Lower Upper
77 100
105 88.4 69.0 109.0
106 83.4 67.0 107.0

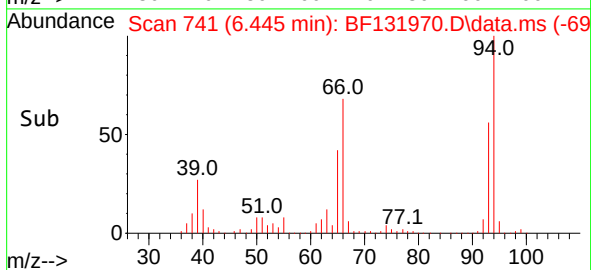
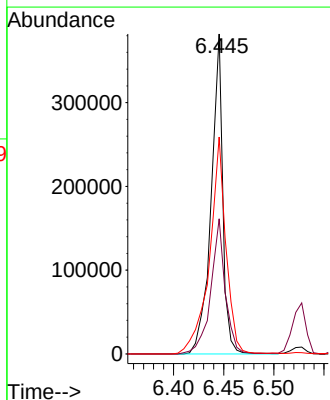
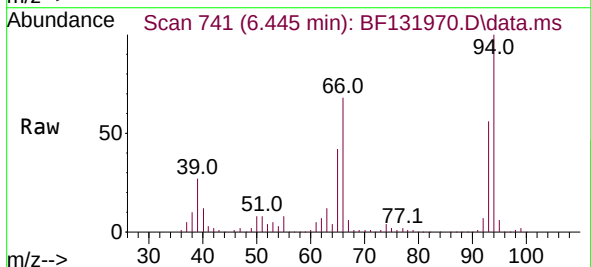
Manual Integrations
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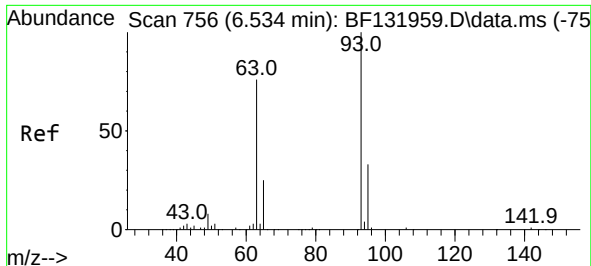
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#10
Phenol
Concen: 45.950 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF131970.D
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Tgt Ion: 94 Resp: 307888
Ion Ratio Lower Upper
94 100
65 42.2 22.2 62.2
66 67.8 44.4 84.4





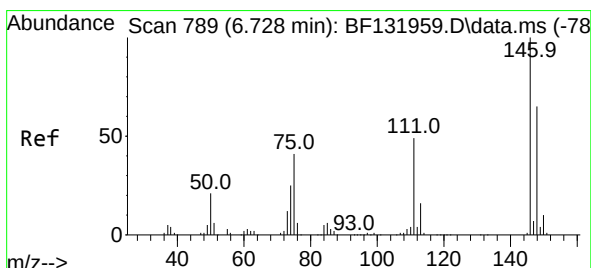
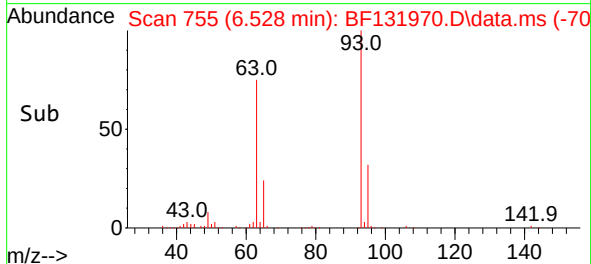
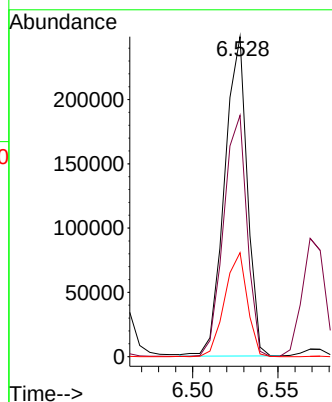
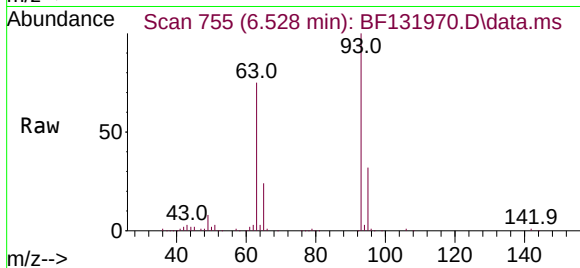
#11
bis(2-Chloroethyl)ether
Concen: 45.615 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion: 93 Resp: 230404
Ion Ratio Lower Upper
93 100
63 75.4 55.5 95.5
95 32.5 13.1 53.1

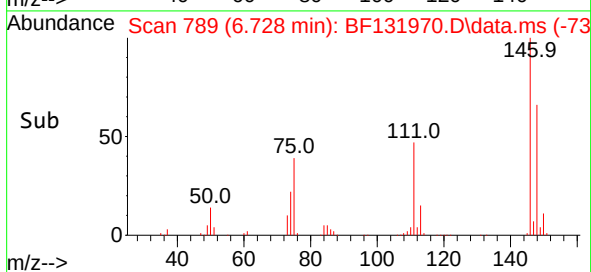
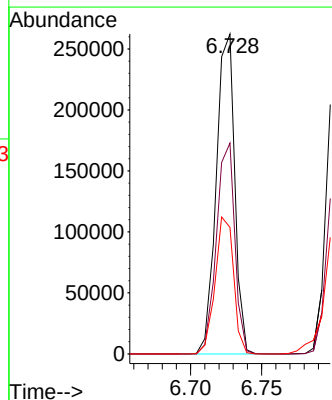
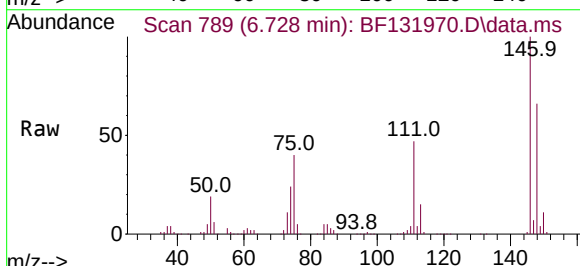
Manual Integrations
APPROVED

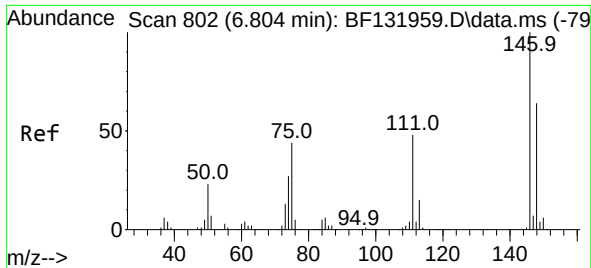
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#12
1,3-Dichlorobenzene
Concen: 47.008 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

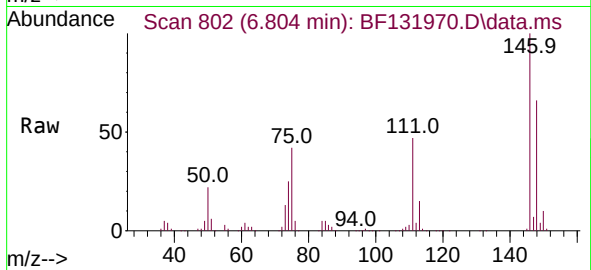
Tgt Ion:146 Resp: 237982
Ion Ratio Lower Upper
146 100
148 65.9 51.7 77.5
75 39.5 32.7 49.1





#13
1,4-Dichlorobenzene
Concen: 47.660 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

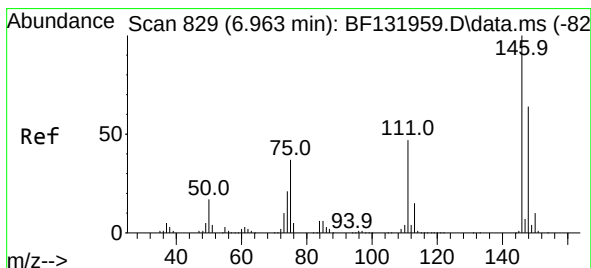
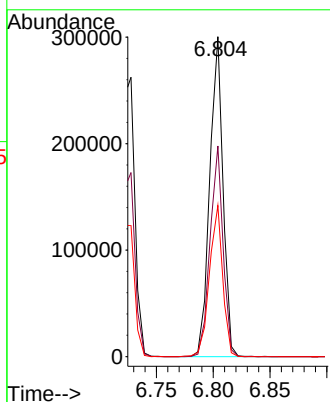
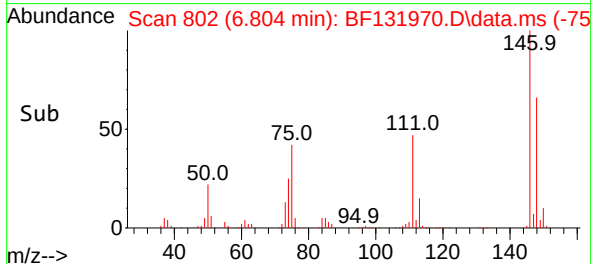
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



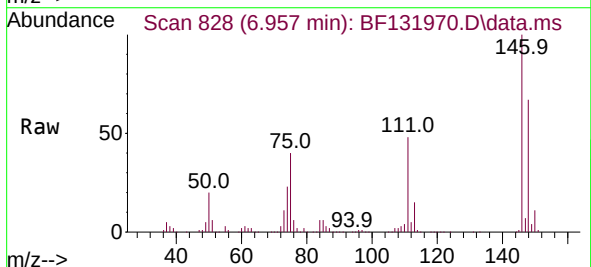
Tgt Ion:146 Resp: 244133
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.6
111 47.2 38.5 57.7

Manual Integrations
APPROVED

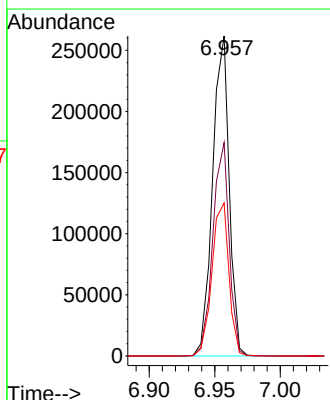
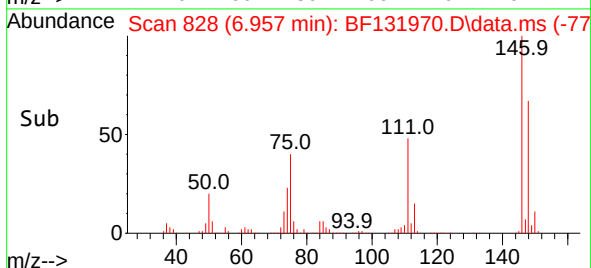
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

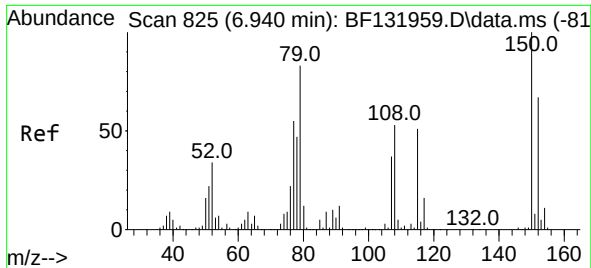


#14
1,2-Dichlorobenzene
Concen: 47.435 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



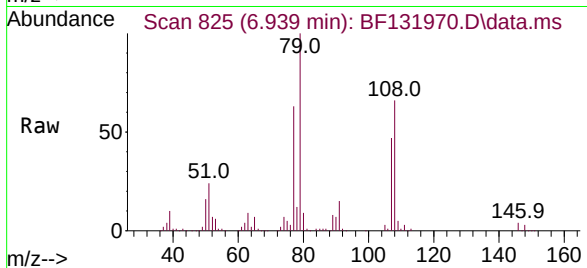
Tgt Ion:146 Resp: 230769
Ion Ratio Lower Upper
146 100
148 66.6 51.4 77.0
111 47.8 37.7 56.5





#15
Benzyl Alcohol
Concen: 45.911 ng
RT: 6.939 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

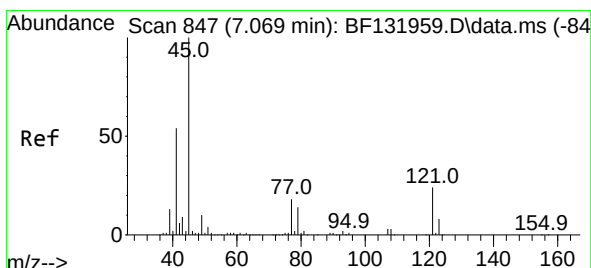
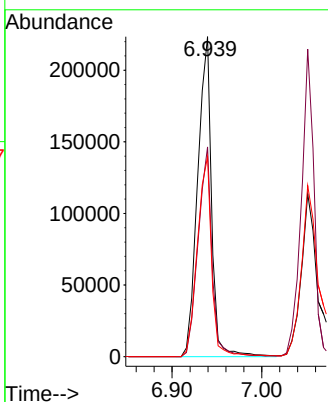
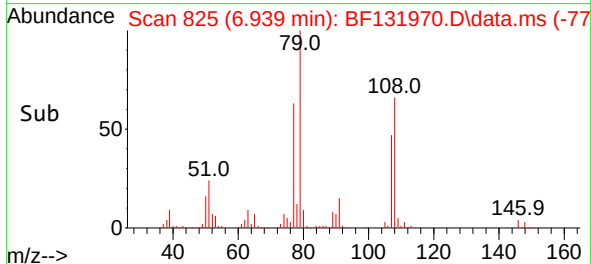
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



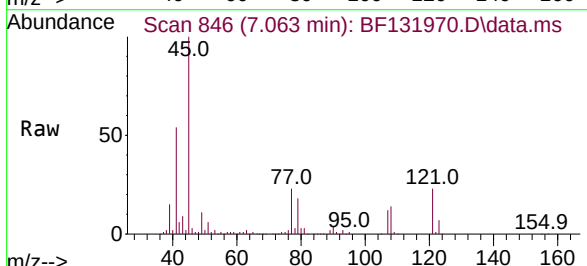
Tgt Ion: 79 Resp: 240142
Ion Ratio Lower Upper
79 100
108 65.5 51.7 77.5
77 62.5 52.9 79.3

Manual Integrations
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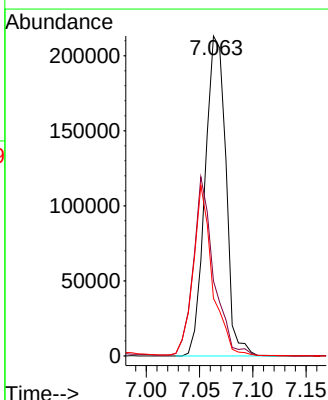
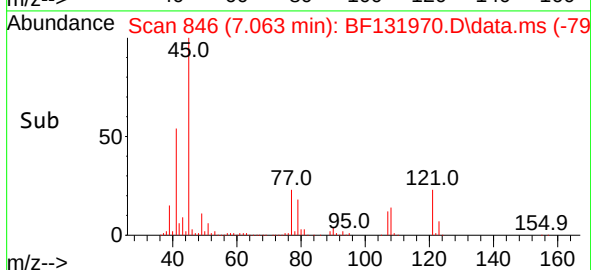
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

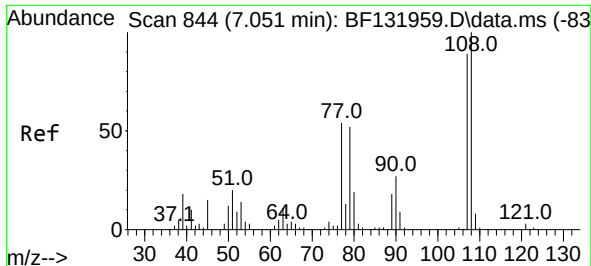


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.353 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion: 45 Resp: 289096
Ion Ratio Lower Upper
45 100
77 23.4 0.0 38.1
79 18.0 0.0 34.6





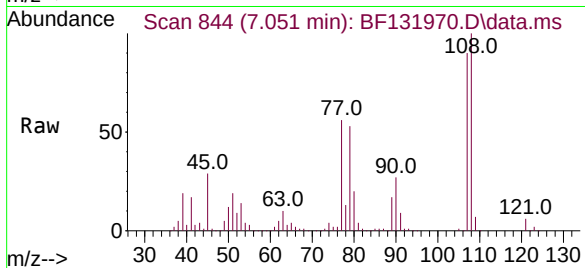
#17
2-Methylphenol
Concen: 42.745 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

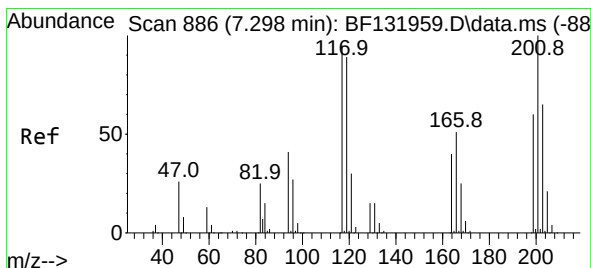
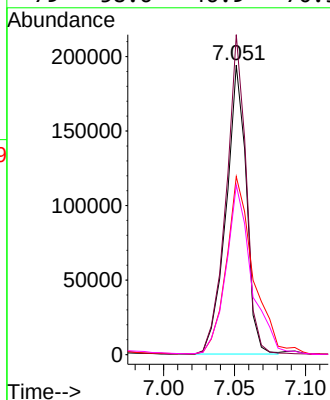
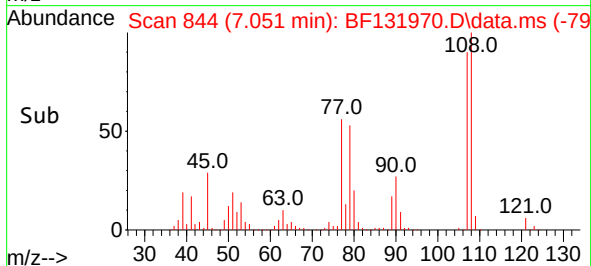


Tgt Ion:107 Resp: 192269
Ion Ratio Lower Upper
107 100
108 110.5 90.0 135.0
77 61.5 48.8 73.2
79 58.6 46.9 70.3

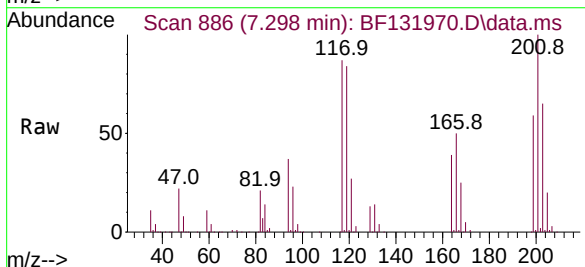
Manual Integrations

APPROVED

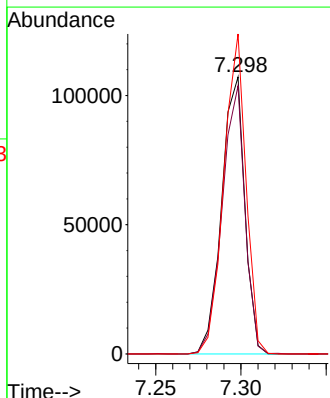
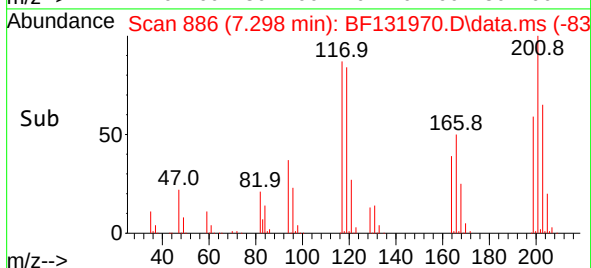
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

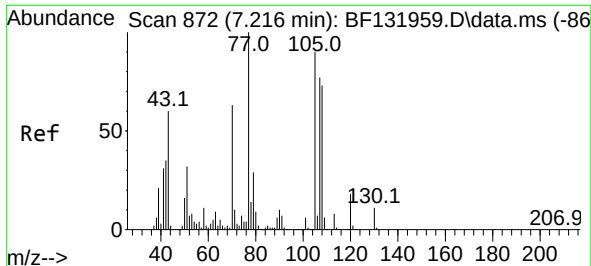


#18
Hexachloroethane
Concen: 47.902 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion:117 Resp: 101473
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0
201 115.6 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.044 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF131970.D

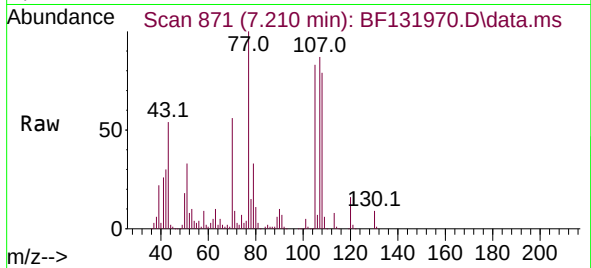
Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD



Tgt Ion: 70 Resp: 187029

Ion Ratio Lower Upper

70 100

42 54.3 44.3 66.5

101 9.2 7.5 11.3

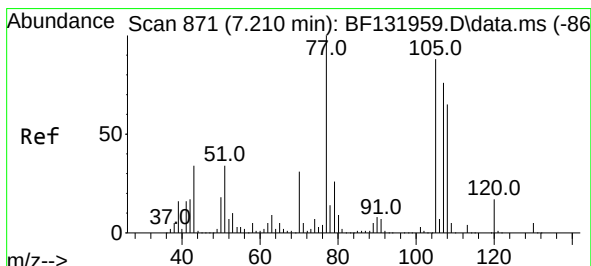
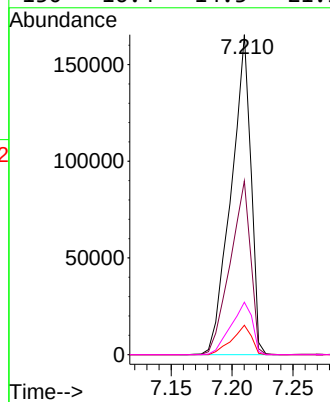
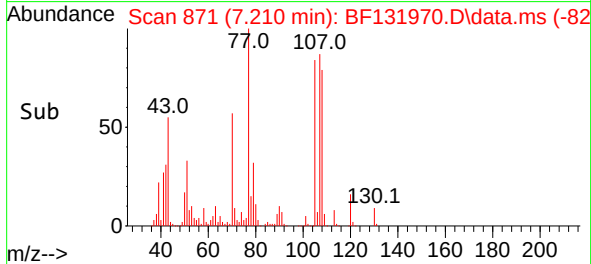
130 16.4 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023

Supervised By :Jagrut Upadhyay 01/10/2023



#20

3+4-Methylphenols

Concen: 43.089 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Tgt Ion:107 Resp: 248828

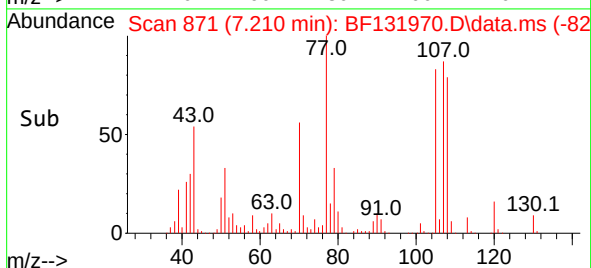
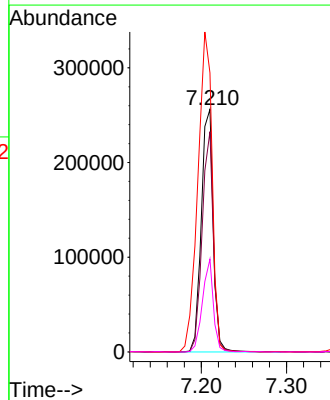
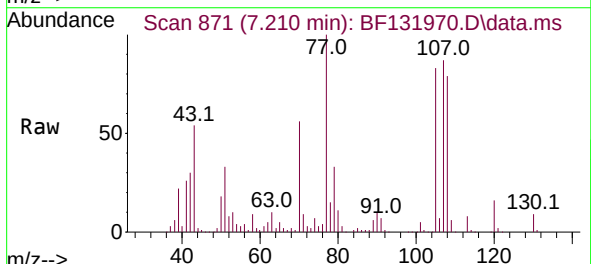
Ion Ratio Lower Upper

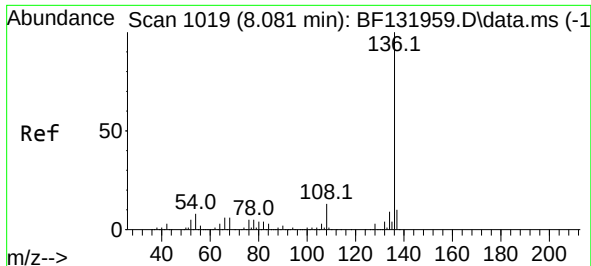
107 100

108 90.8 65.1 105.1

77 115.0 111.2 151.2

79 38.2 14.4 54.4





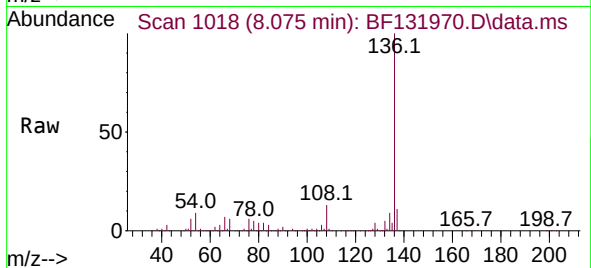
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

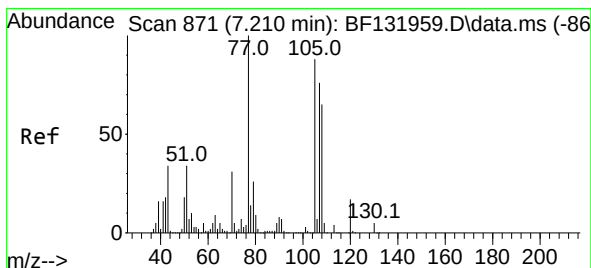
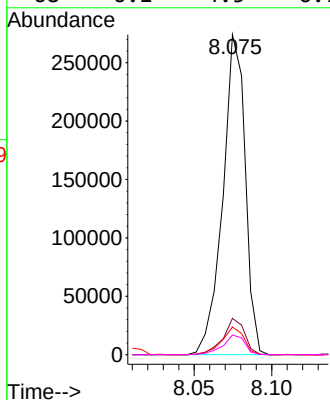
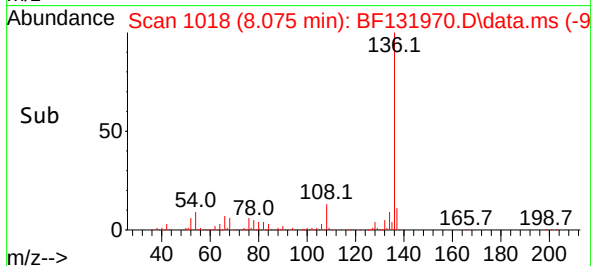


Tgt Ion:136 Resp: 275599
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 8.7 6.6 9.8
68 6.1 4.5 6.7

Manual Integrations

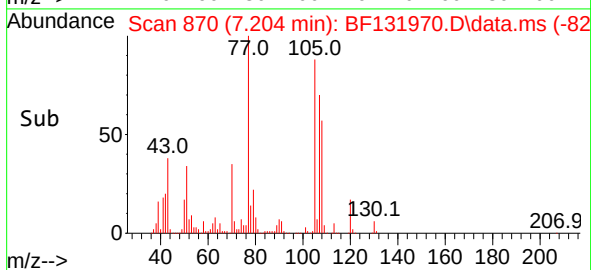
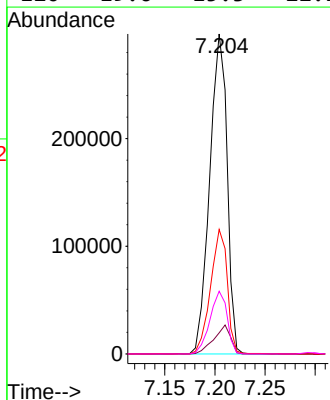
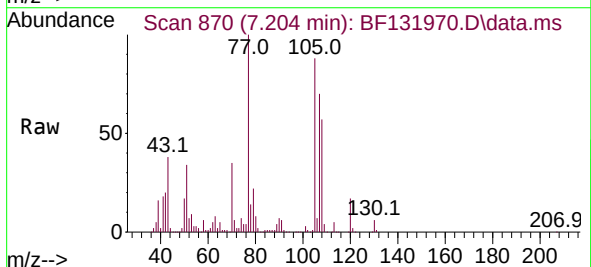
APPROVED

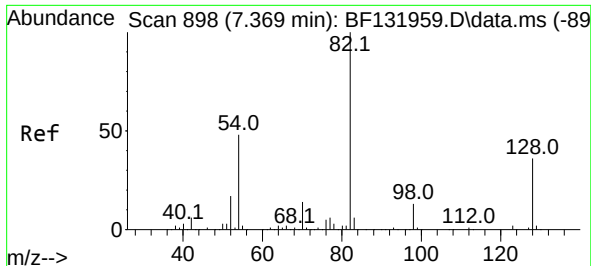
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#22
Acetophenone
Concen: 44.692 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:105 Resp: 358616
Ion Ratio Lower Upper
105 100
71 6.6 4.6 7.0
51 38.9 30.6 46.0
120 19.6 15.3 22.9





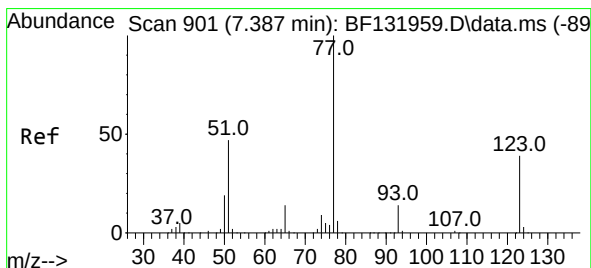
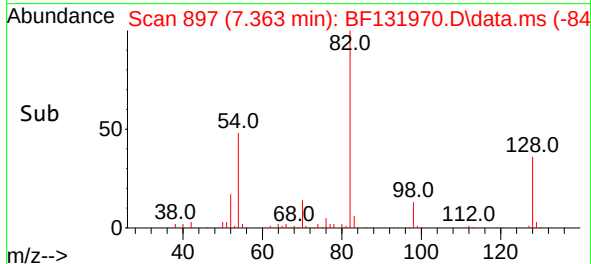
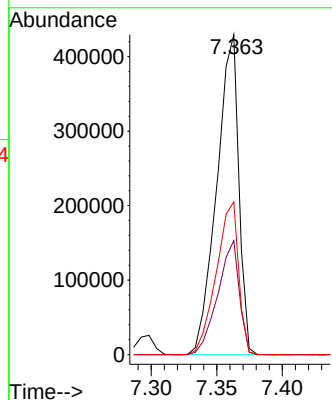
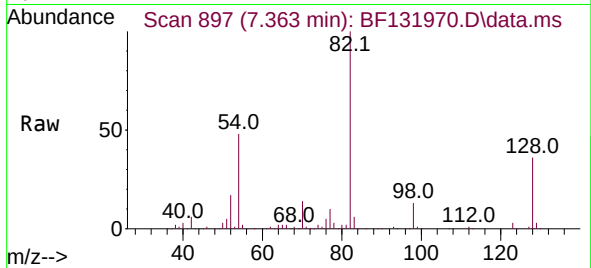
#23
Nitrobenzene-d5
Concen: 75.548 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion: 82 Resp: 501665
Ion Ratio Lower Upper
82 100
128 35.7 28.7 43.1
54 47.7 38.1 57.1

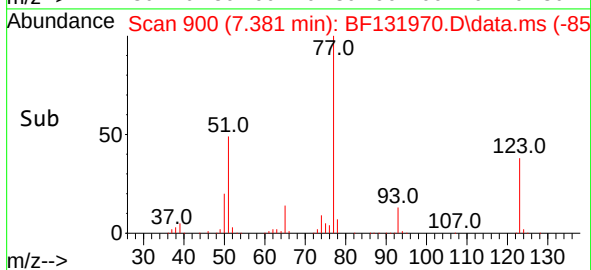
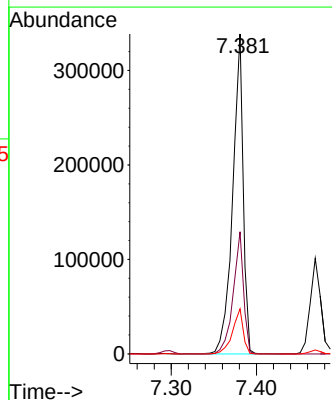
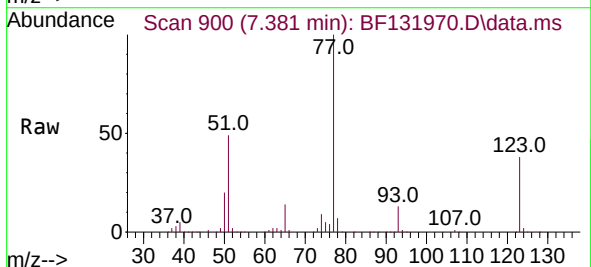
Manual Integrations
APPROVED

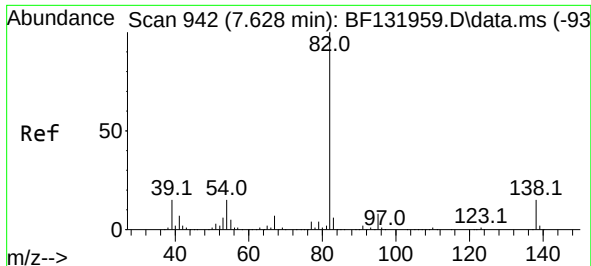
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#24
Nitrobenzene
Concen: 42.948 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 77 Resp: 290338
Ion Ratio Lower Upper
77 100
123 38.2 30.9 46.3
65 14.1 10.8 16.2





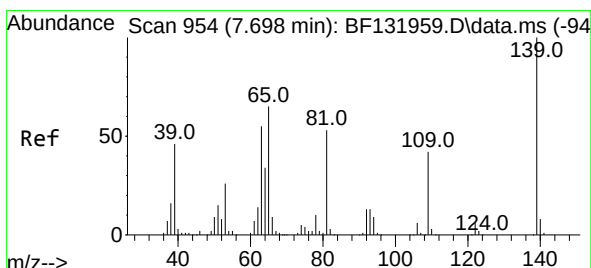
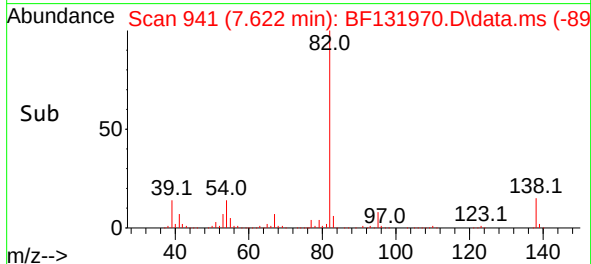
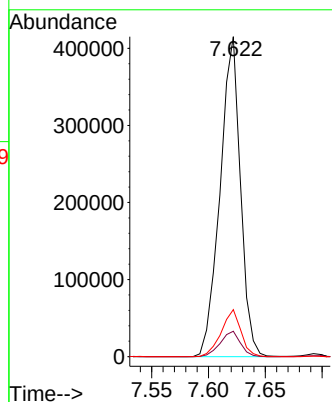
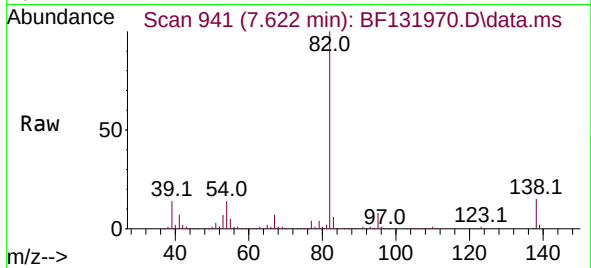
#25
Isophorone
Concen: 41.746 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion: 82 Resp: 517875
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 14.7 11.9 17.9

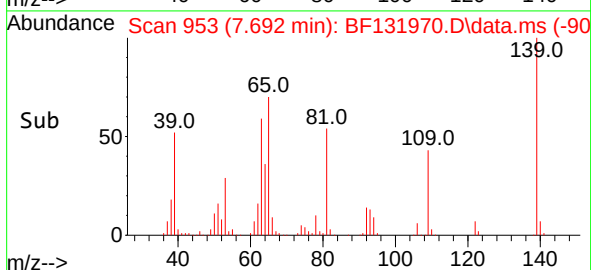
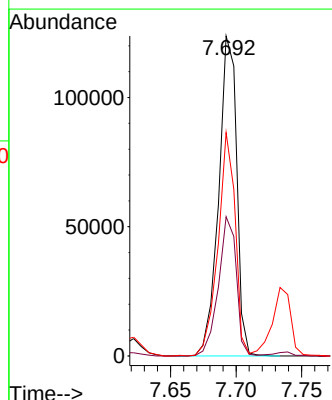
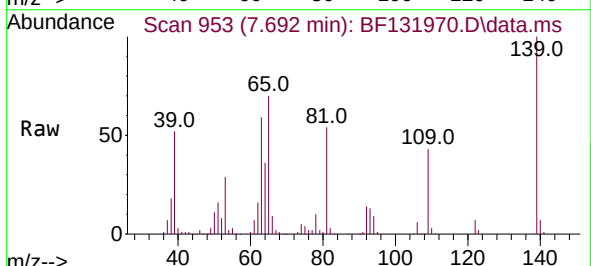
Manual Integrations
APPROVED

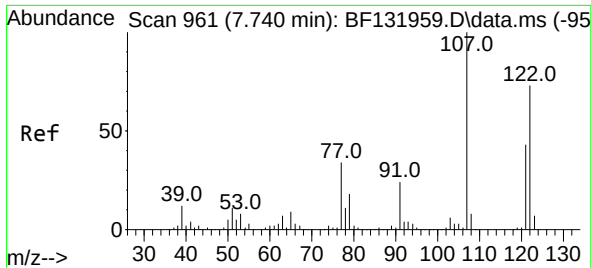
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#26
2-Nitrophenol
Concen: 44.723 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

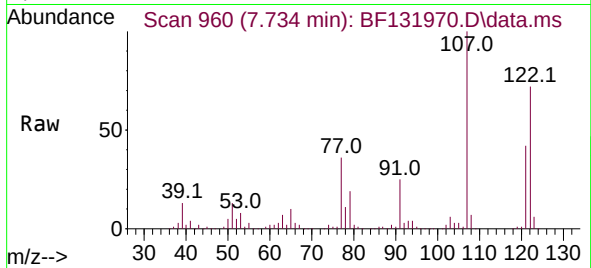
Tgt Ion:139 Resp: 118960
Ion Ratio Lower Upper
139 100
109 43.5 33.9 50.9
65 69.8 51.6 77.4





#27
2,4-Dimethylphenol
Concen: 44.197 ng
RT: 7.734 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

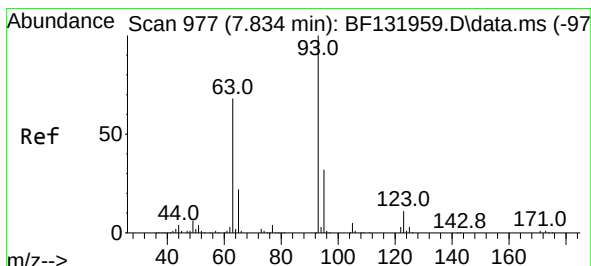
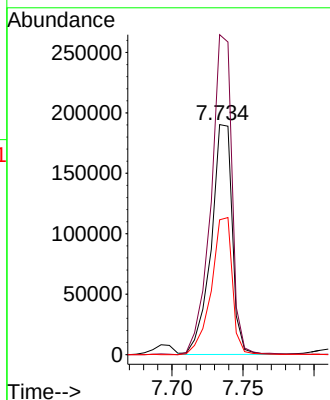
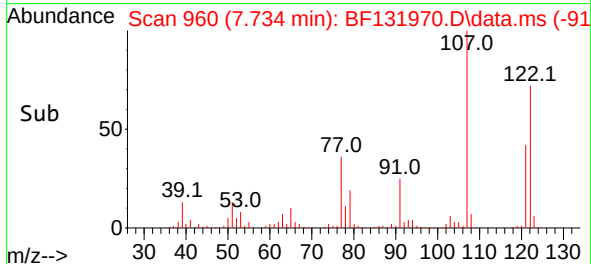
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion:122 Resp: 196230
Ion Ratio Lower Upper
122 100
107 139.2 109.4 164.0
121 58.6 47.2 70.8

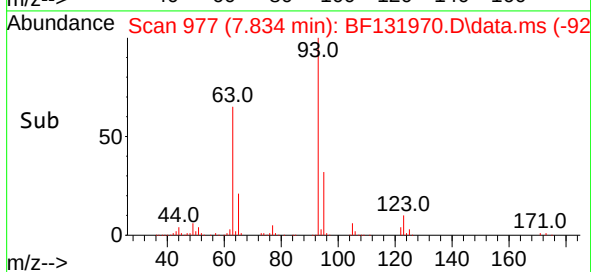
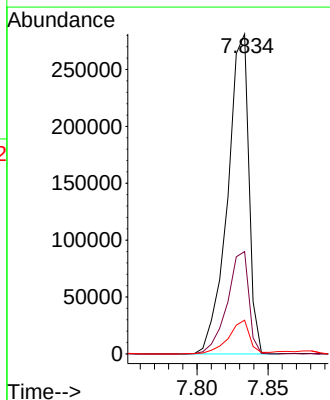
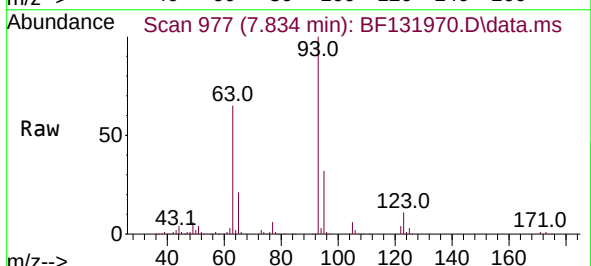
Manual Integrations
APPROVED

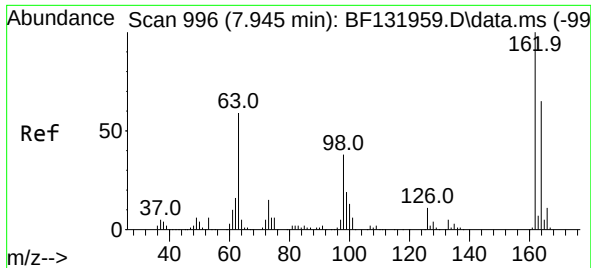
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.662 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion: 93 Resp: 292905
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 44.290 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

Tgt Ion:162 Resp: 201418

Ion Ratio Lower Upper

162 100

164 64.4 45.2 85.2

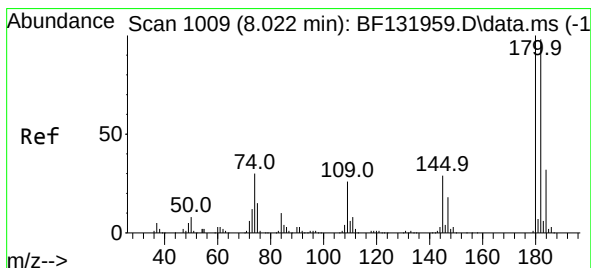
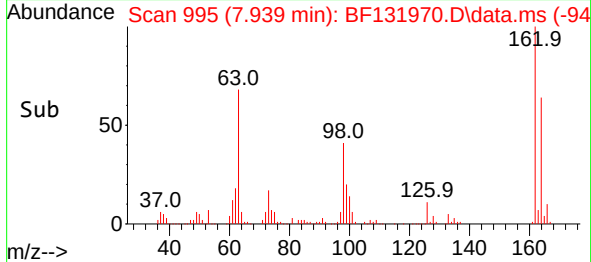
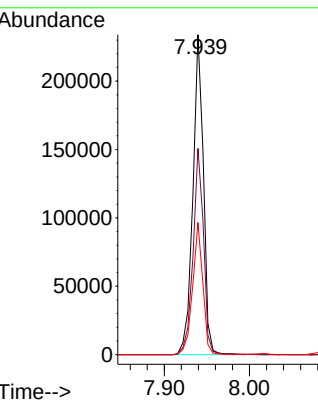
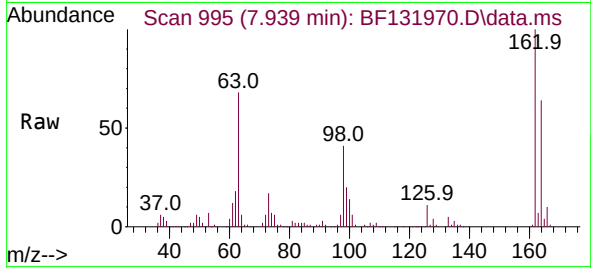
98 41.3 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023

Supervised By :Jagrut Upadhyay 01/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.923 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

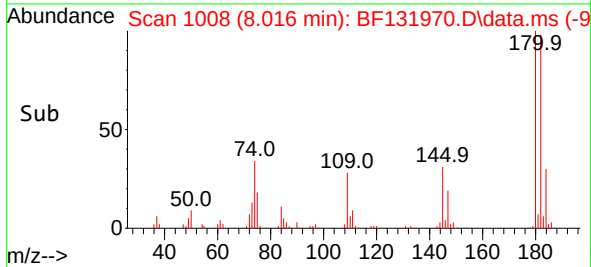
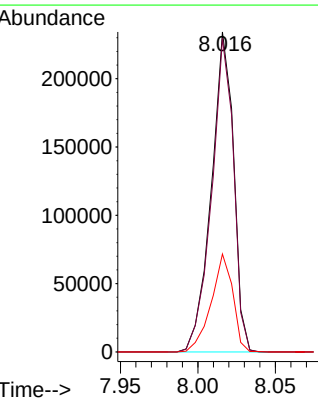
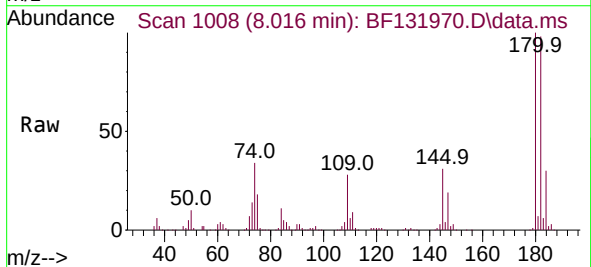
Tgt Ion:180 Resp: 233973

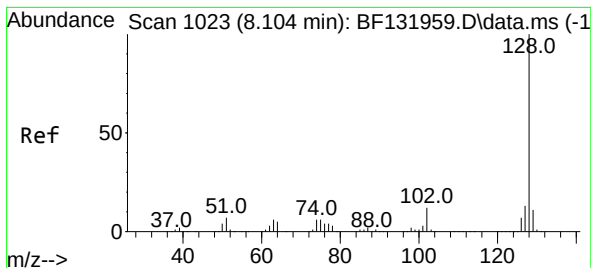
Ion Ratio Lower Upper

180 100

182 97.9 78.4 117.6

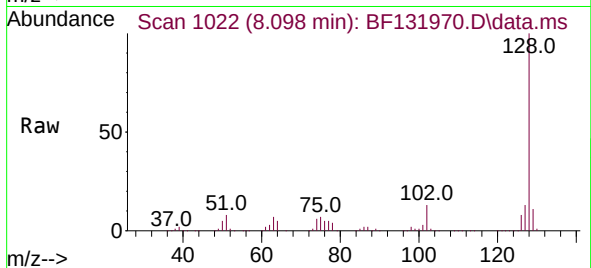
145 30.6 23.2 34.8





#31
Naphthalene
Concen: 43.240 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

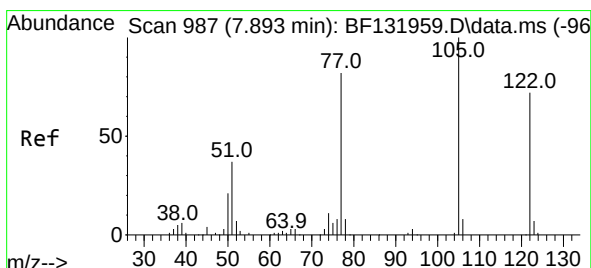
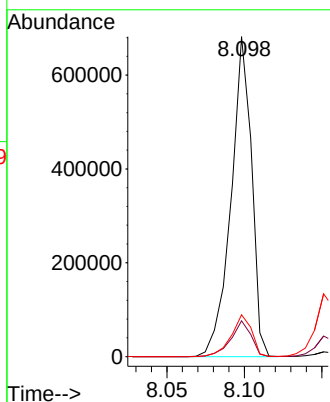
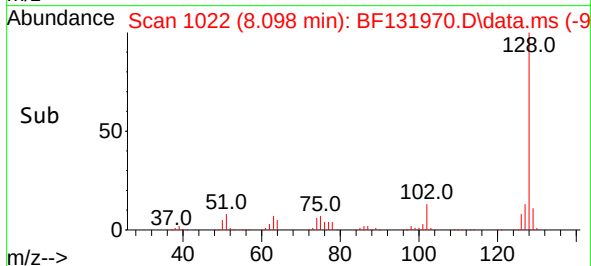
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



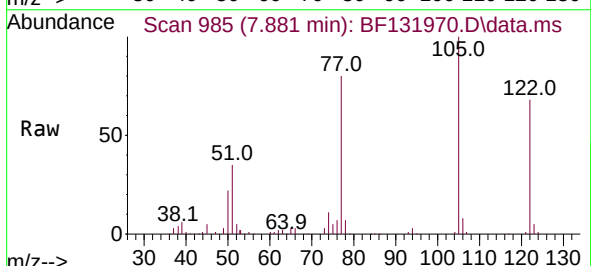
Tgt Ion:128 Resp: 629785
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations
APPROVED

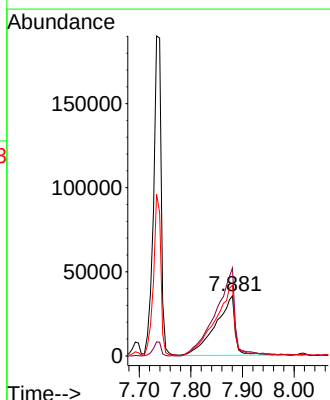
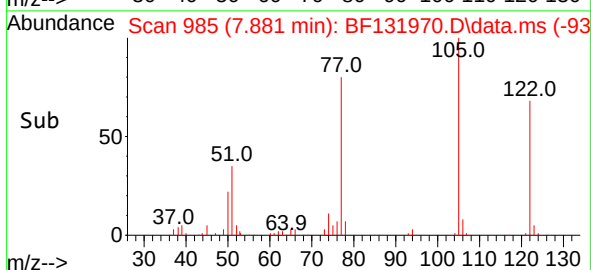
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

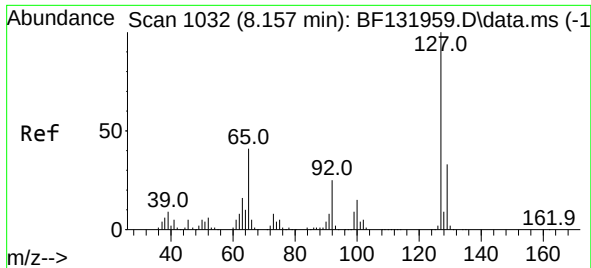


#32
Benzoic acid
Concen: 36.844 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion:122 Resp: 94839
Ion Ratio Lower Upper
122 100
105 146.4 116.3 156.3
77 117.3 92.7 132.7





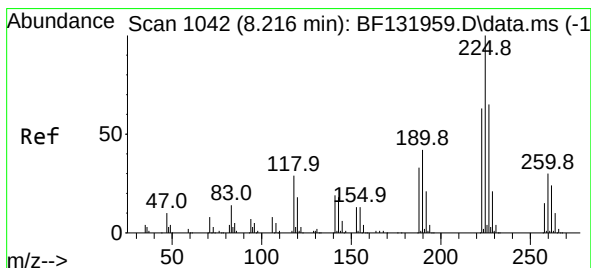
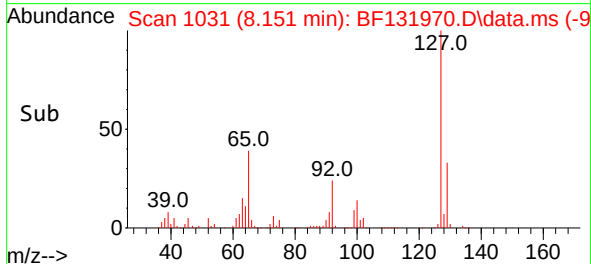
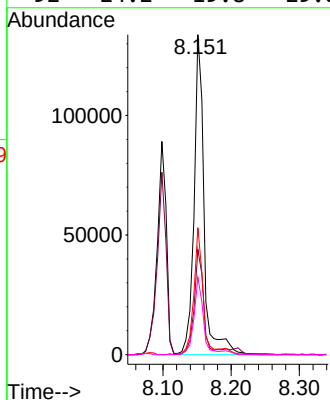
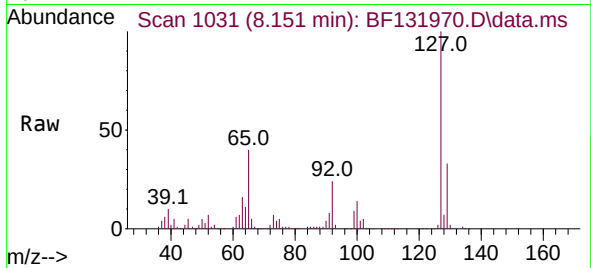
#33
4-Chloroaniline
Concen: 22.828 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion:127	Resp: 137202
Ion Ratio	Lower Upper
127 100	
129 32.8	26.5 39.7
65 39.7	33.1 49.7
92 24.2	19.8 29.8

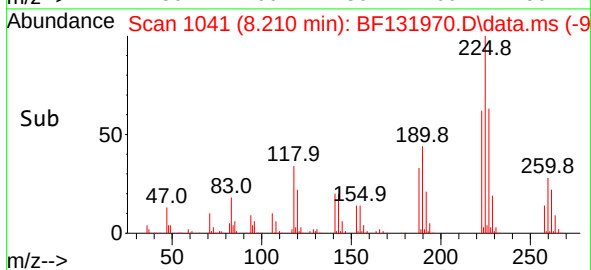
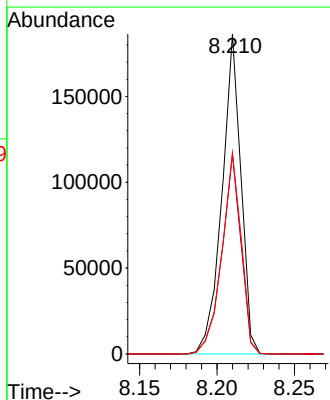
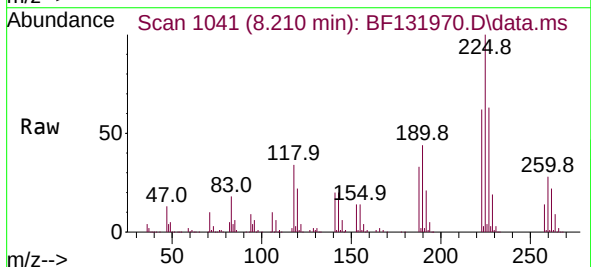
Manual Integrations
APPROVED

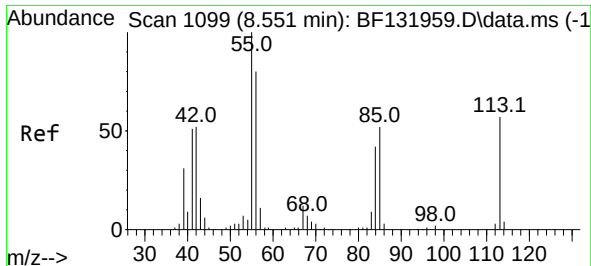
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#34
Hexachlorobutadiene
Concen: 43.857 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:225	Resp: 158372
Ion Ratio	Lower Upper
225 100	
223 62.3	50.6 75.8
227 62.8	51.6 77.4





#35
Caprolactam
Concen: 42.267 ng m
RT: 8.539 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

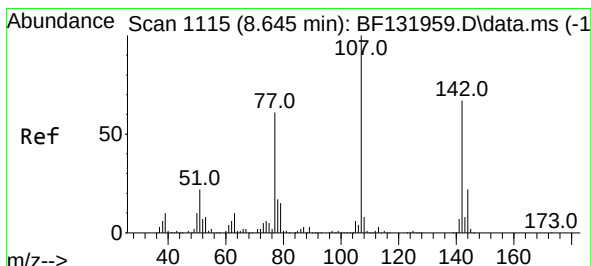
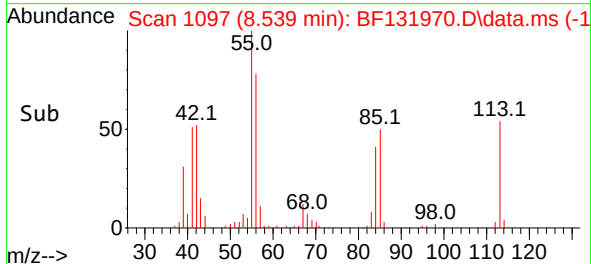
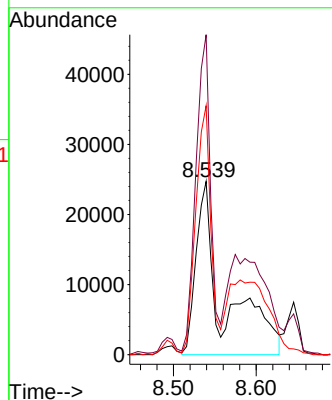
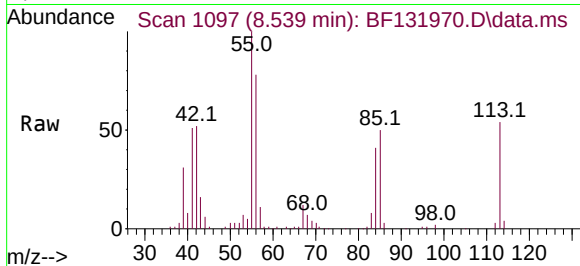
TP-203MSD

Tgt Ion:113 Resp: 56458
Ion Ratio Lower Upper
113 100
55 184.8 154.4 194.4
56 143.7 119.6 159.6

Manual Integrations

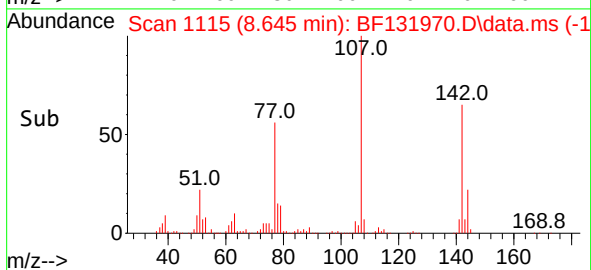
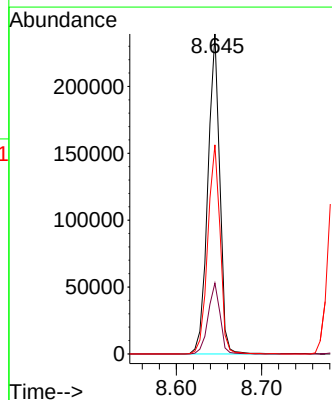
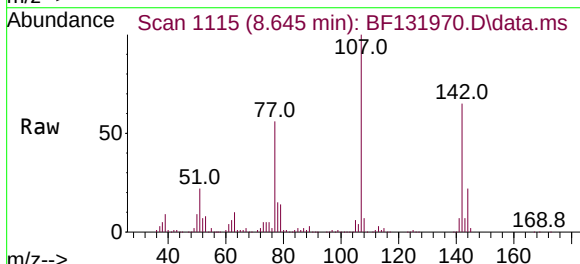
APPROVED

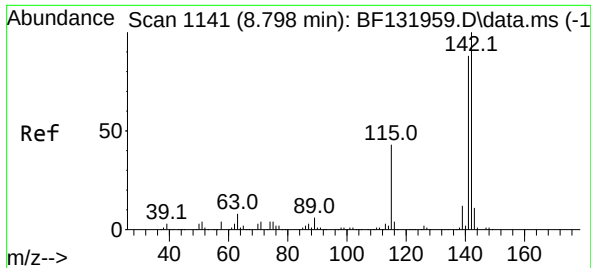
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#36
4-Chloro-3-methylphenol
Concen: 43.572 ng
RT: 8.645 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:107 Resp: 232567
Ion Ratio Lower Upper
107 100
144 22.1 17.4 26.2
142 65.3 53.7 80.5





#37

2-Methylnaphthalene

Concen: 41.214 ng

RT: 8.792 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

Tgt Ion:142 Resp: 431123

Ion Ratio Lower Upper

142 100

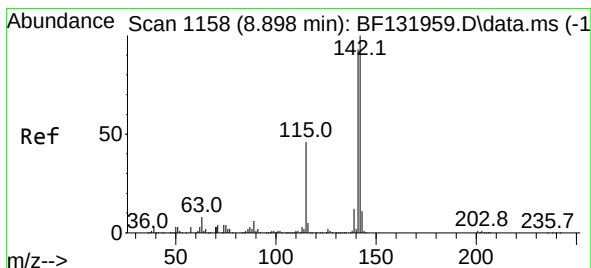
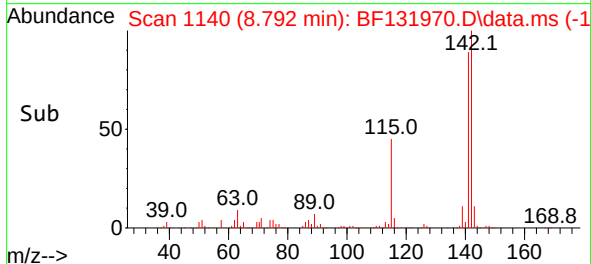
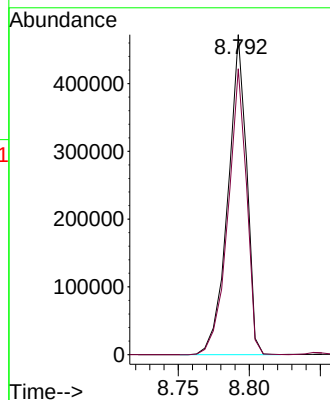
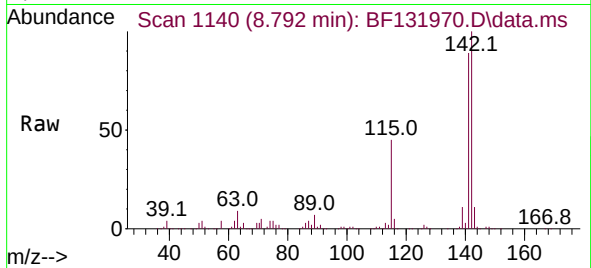
141 89.3 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023

Supervised By :Jagrut Upadhyay 01/10/2023



#38

1-Methylnaphthalene

Concen: 41.025 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF131970.D

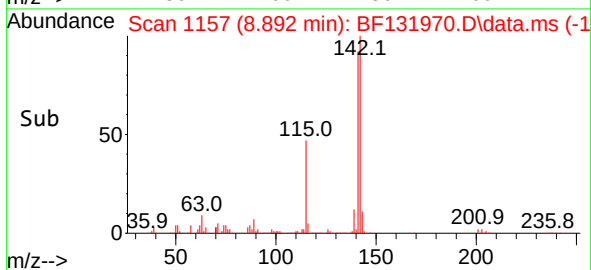
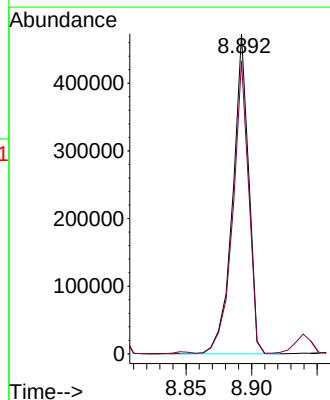
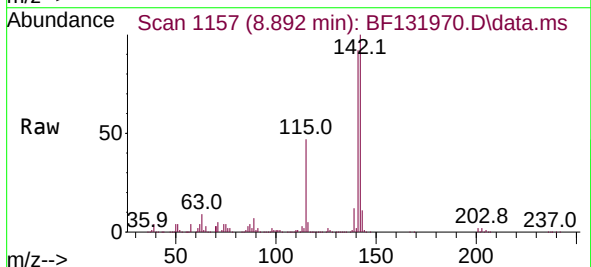
Acq: 09 Jan 2023 18:57

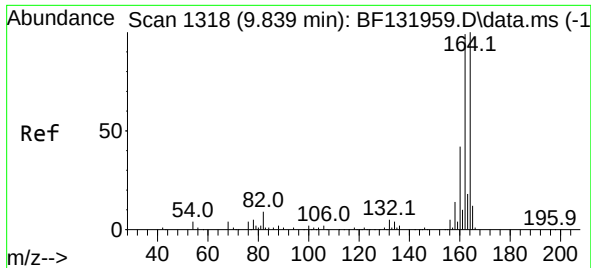
Tgt Ion:142 Resp: 397584

Ion Ratio Lower Upper

142 100

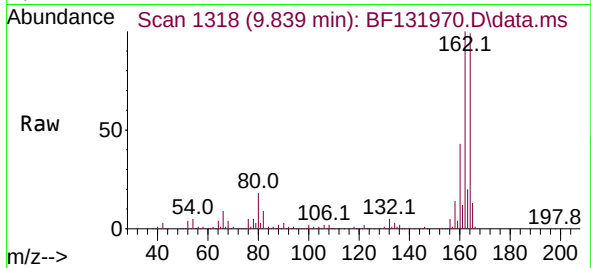
141 91.6 74.3 111.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

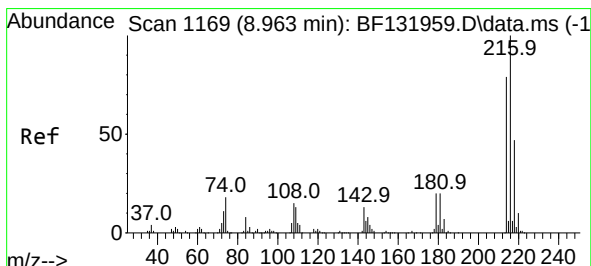
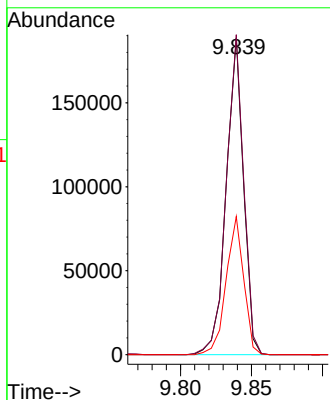
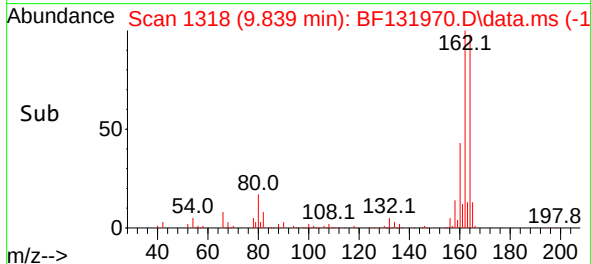
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



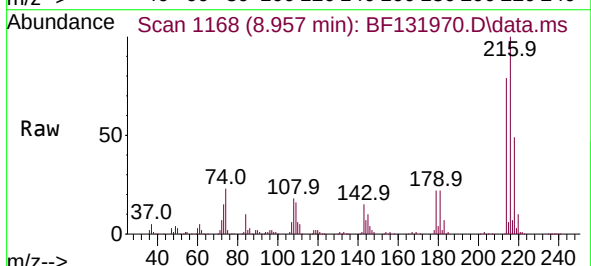
Tgt Ion:164 Resp: 159353
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 43.6 33.9 50.9

Manual Integrations
APPROVED

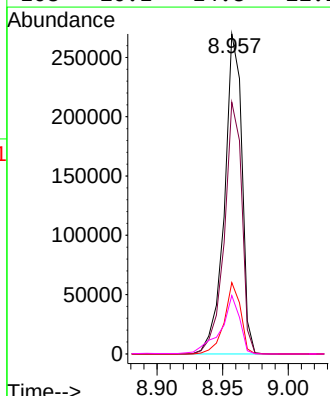
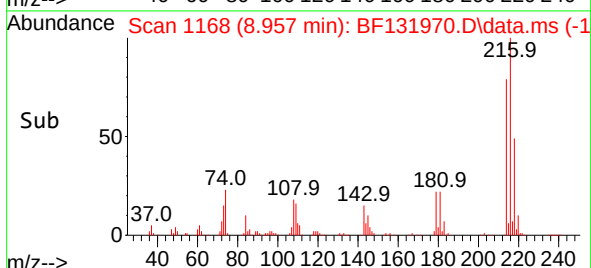
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

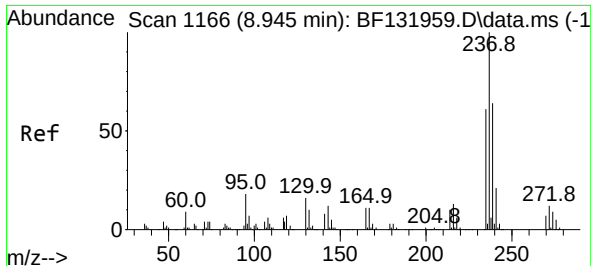


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.366 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



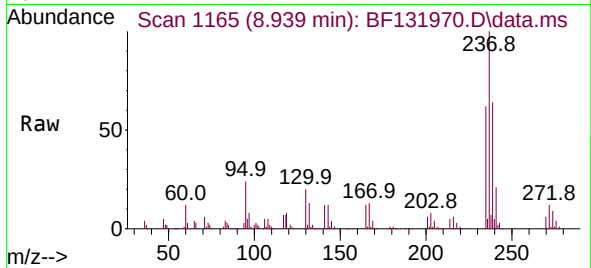
Tgt Ion:216 Resp: 249125
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 20.9 16.4 24.6
108 20.1 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 80.904 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

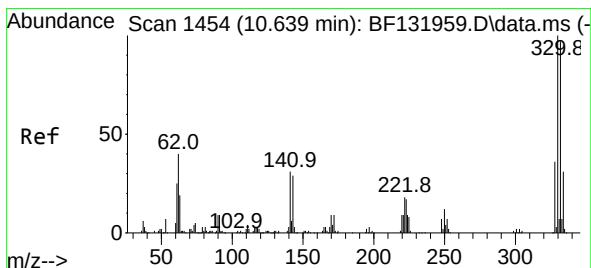
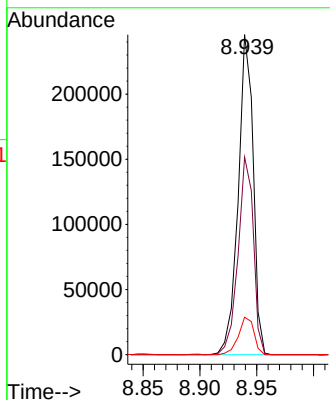
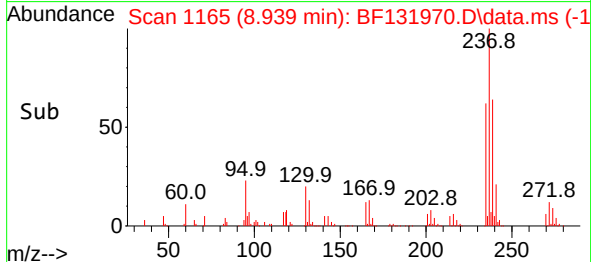
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



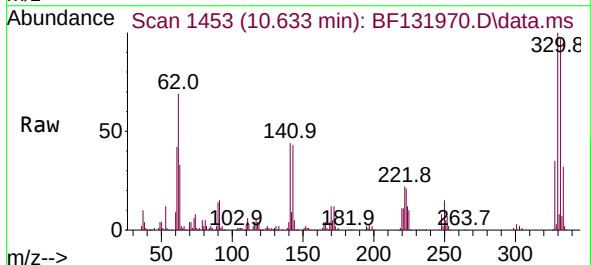
Tgt Ion:237 Resp: 225773
Ion Ratio Lower Upper
237 100
235 61.7 41.2 81.2
272 11.7 0.0 31.7

Manual Integrations
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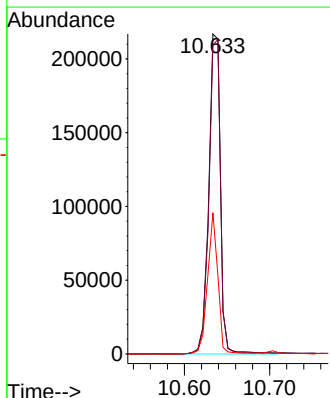
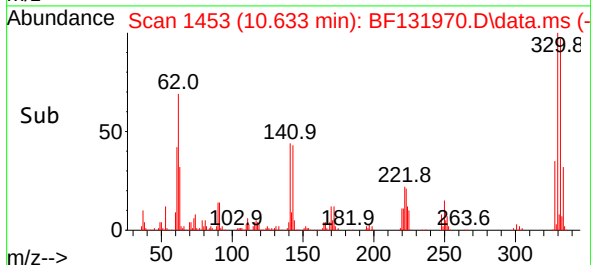
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

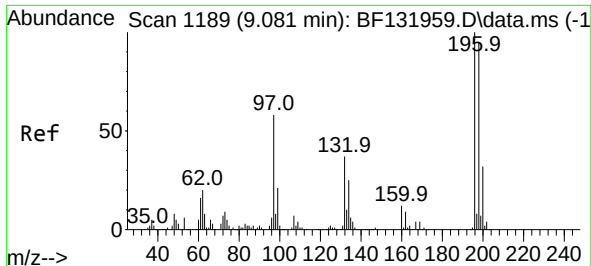


#42
2,4,6-Tribromophenol
Concen: 112.501 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



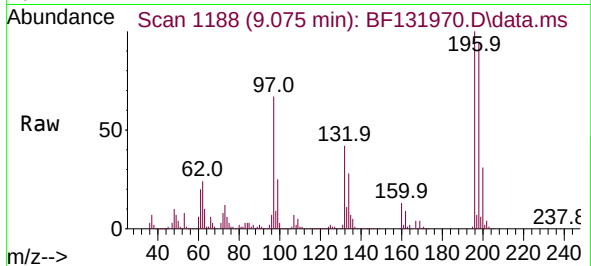
Tgt Ion:330 Resp: 206125
Ion Ratio Lower Upper
330 100
332 97.6 76.9 115.3
141 39.0 31.3 46.9





#43
2,4,6-Trichlorophenol
Concen: 45.499 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

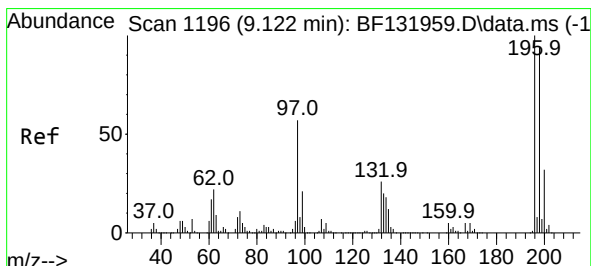
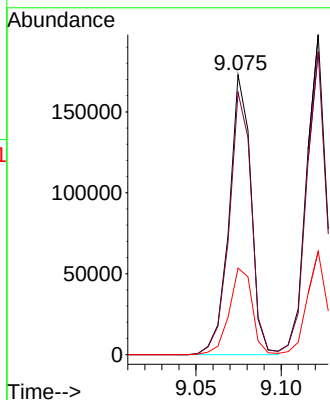
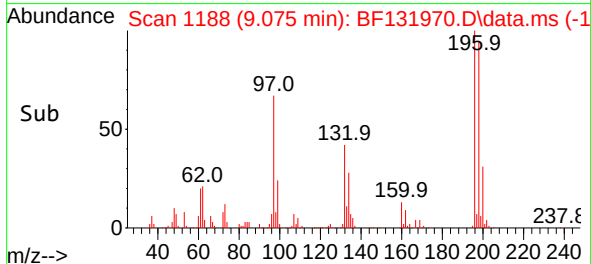
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



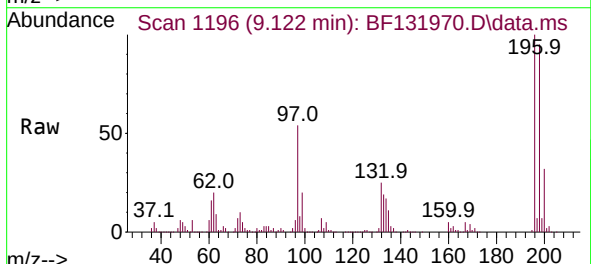
Tgt Ion:196 Resp: 153784
Ion Ratio Lower Upper
196 100
198 93.7 76.3 114.5
200 30.9 25.8 38.6

Manual Integrations
APPROVED

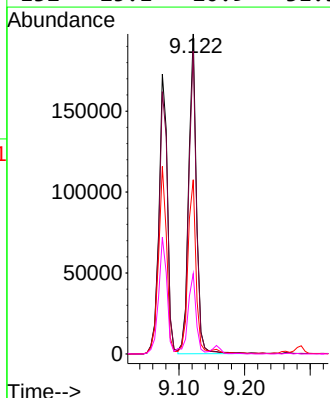
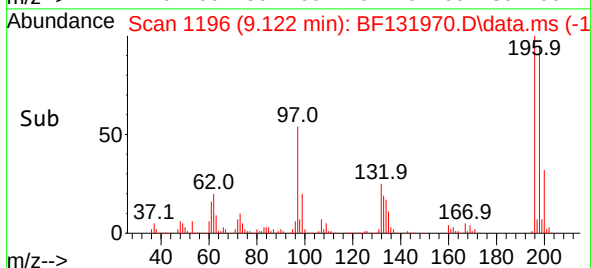
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

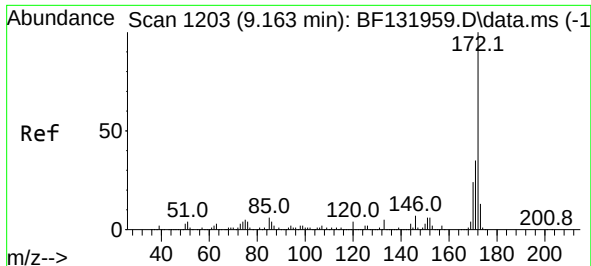


#44
2,4,5-Trichlorophenol
Concen: 41.433 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



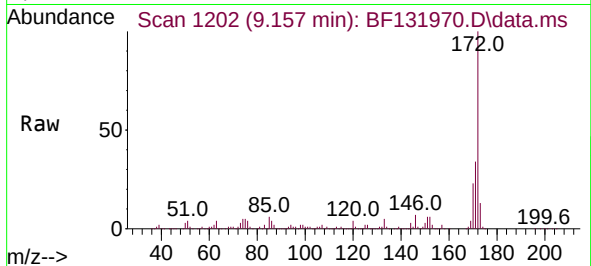
Tgt Ion:196 Resp: 163035
Ion Ratio Lower Upper
196 100
198 94.7 75.3 112.9
97 54.4 45.6 68.4
132 25.1 20.9 31.3





#45
2-Fluorobiphenyl
Concen: 72.569 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

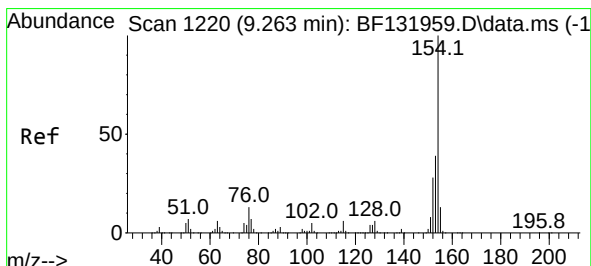
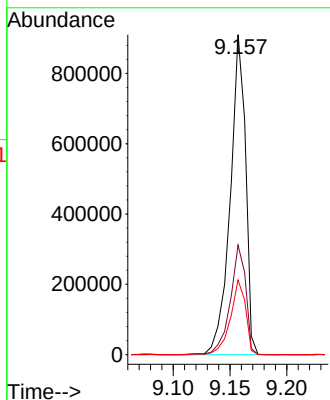
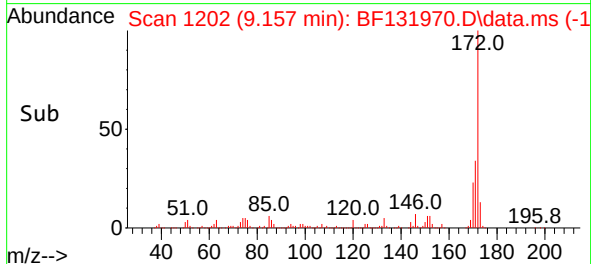
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



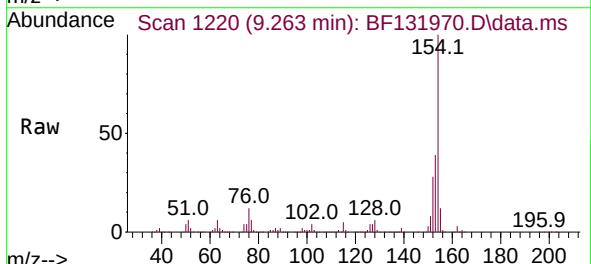
Tgt Ion:172 Resp: 856619
Ion Ratio Lower Upper
172 100
171 34.2 28.0 42.0
170 23.3 18.9 28.3

Manual Integrations
APPROVED

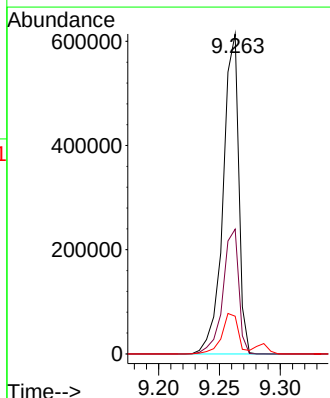
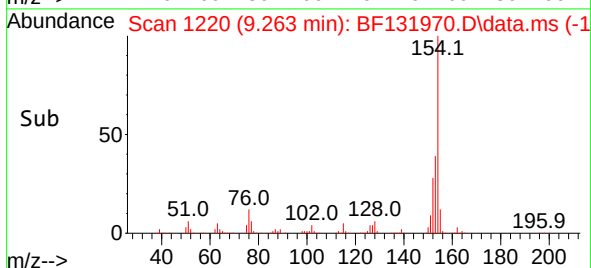
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

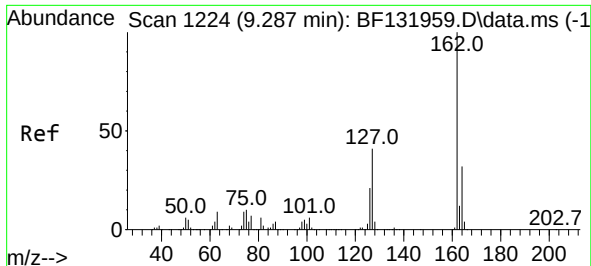


#46
1,1'-Biphenyl
Concen: 44.420 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



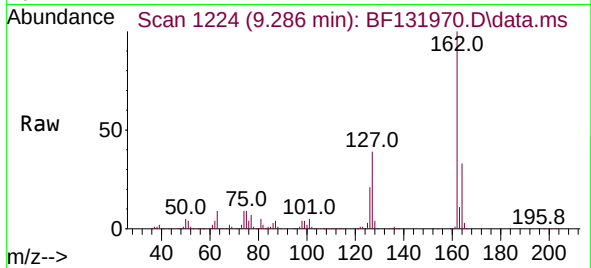
Tgt Ion:154 Resp: 546339
Ion Ratio Lower Upper
154 100
153 39.0 18.9 58.9
76 11.8 0.0 33.2





#47
2-Chloronaphthalene
Concen: 45.435 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.001 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

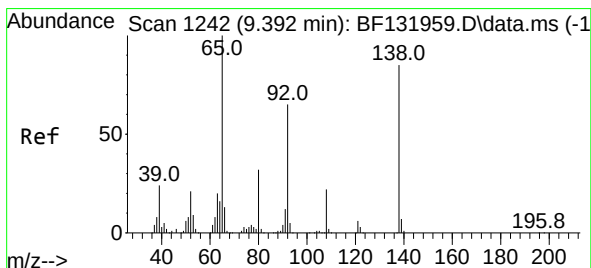
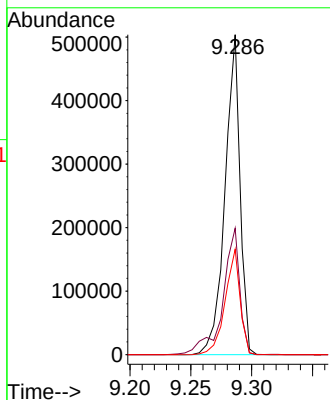
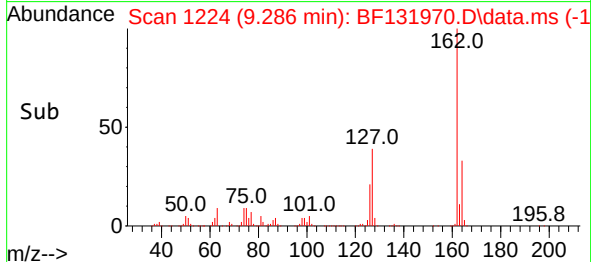
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion:162 Resp: 433729
Ion Ratio Lower Upper
162 100
127 39.5 33.0 49.4
164 32.9 25.8 38.8

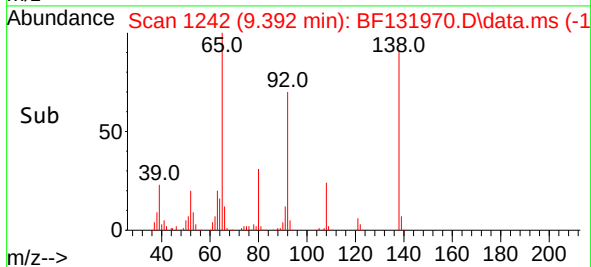
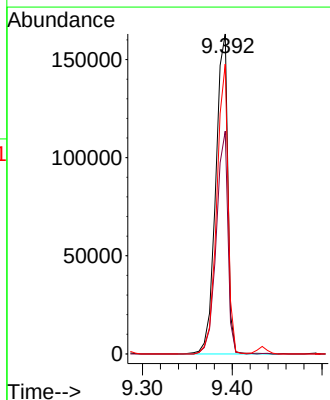
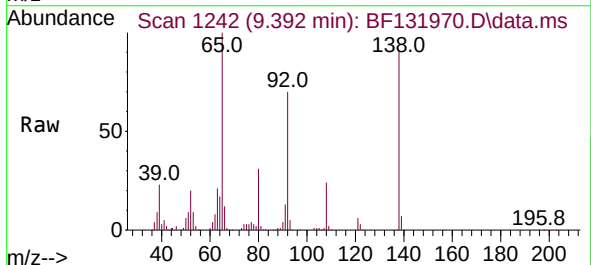
Manual Integrations
APPROVED

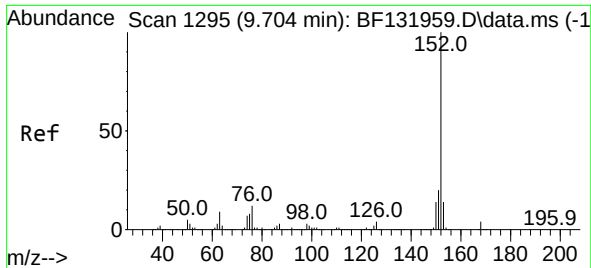
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#48
2-Nitroaniline
Concen: 44.342 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

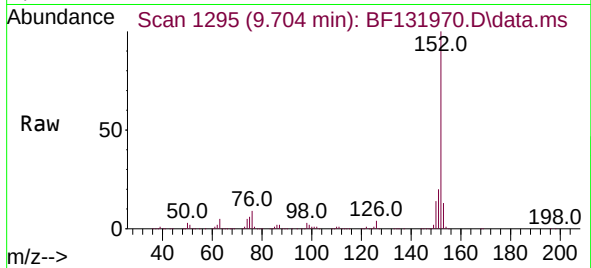
Tgt Ion: 65 Resp: 153747
Ion Ratio Lower Upper
65 100
92 69.6 52.2 78.2
138 90.6 67.8 101.8





#49
Acenaphthylene
Concen: 44.025 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

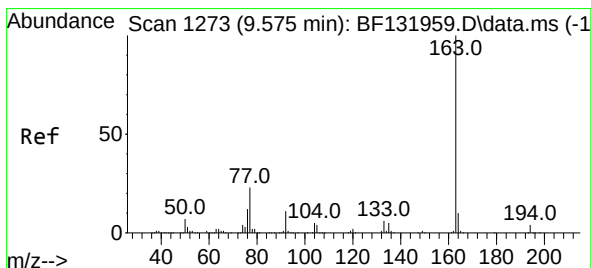
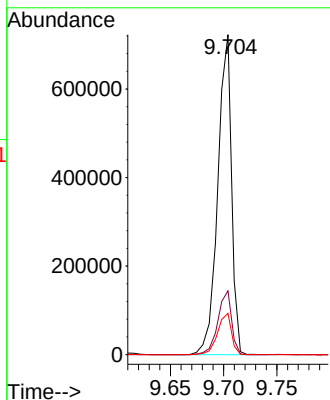
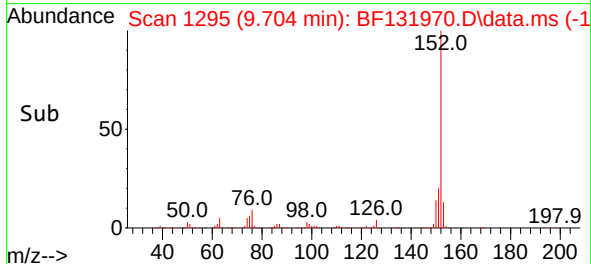
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



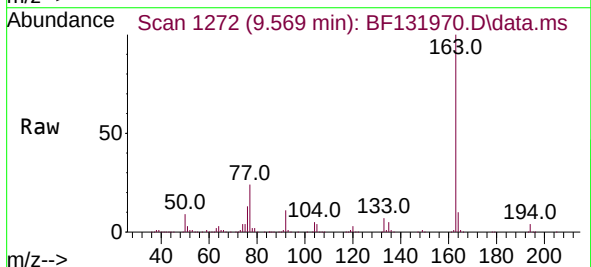
Tgt Ion:152 Resp: 652172
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.8 16.2

Manual Integrations
APPROVED

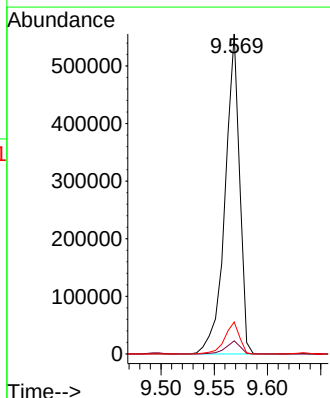
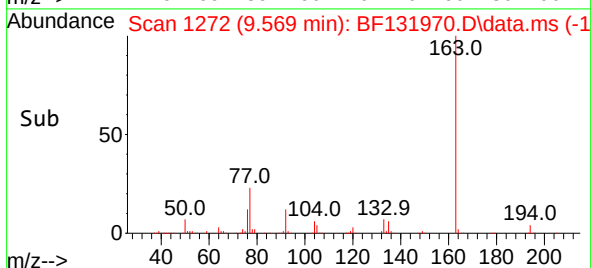
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

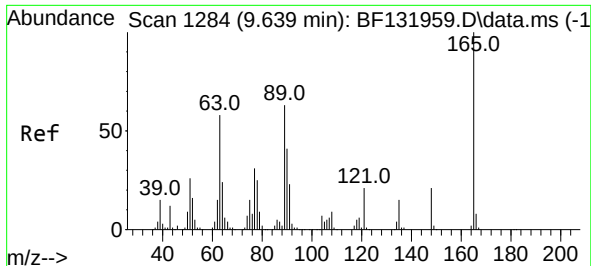


#50
Dimethylphthalate
Concen: 42.447 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion:163 Resp: 527250
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 42.906 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

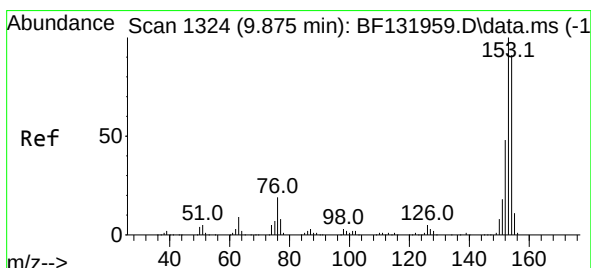
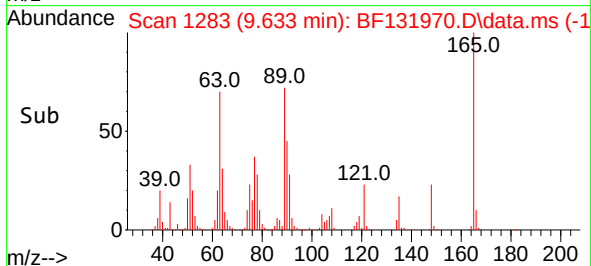
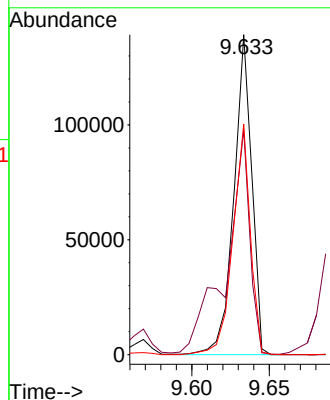
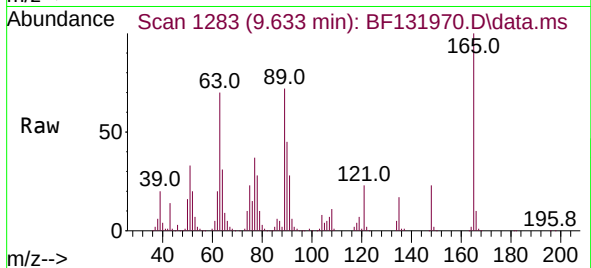
Tgt Ion:165 Resp: 112092

Ion	Ratio	Lower	Upper
165	100		
63	70.3	47.4	71.0
89	72.1	50.2	75.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#52

Acenaphthene

Concen: 43.003 ng

RT: 9.875 min Scan# 1324

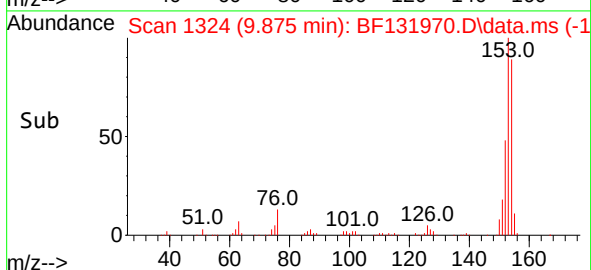
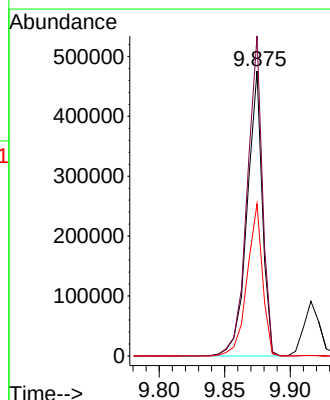
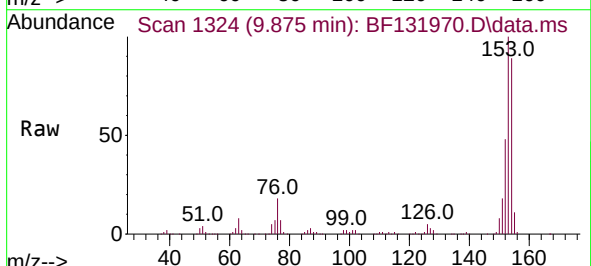
Delta R.T. -0.000 min

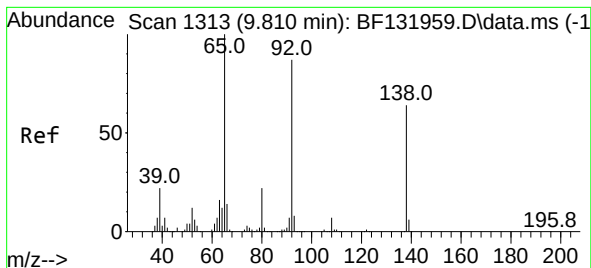
Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Tgt Ion:154 Resp: 382390

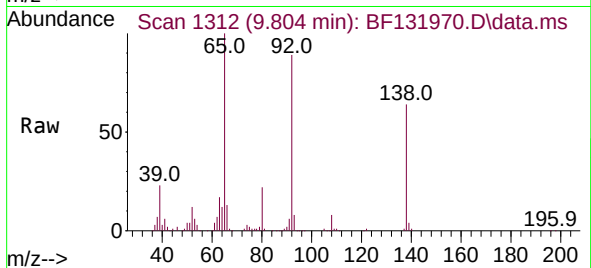
Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.7	131.5
152	53.4	42.2	63.2





#53
3-Nitroaniline
Concen: 28.084 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

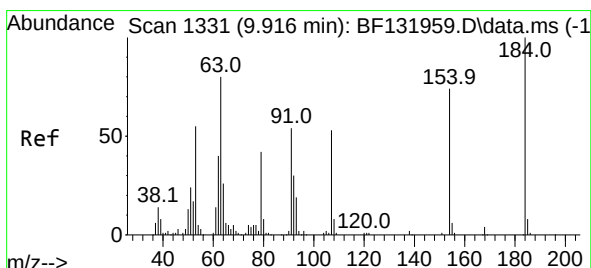
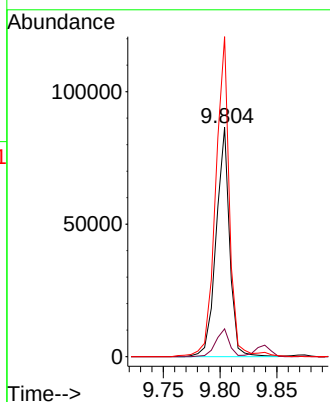
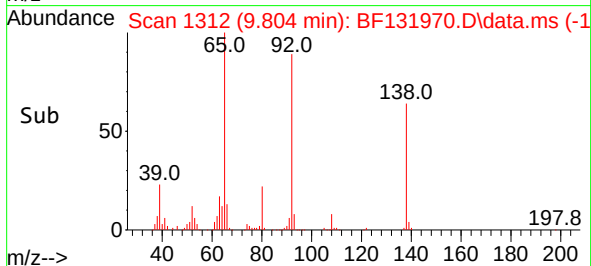
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



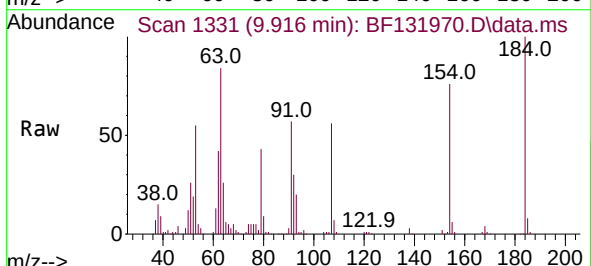
Tgt Ion:138 Resp: 71182
Ion Ratio Lower Upper
138 100
108 12.1 8.8 13.2
92 139.6 108.1 162.1

Manual Integrations
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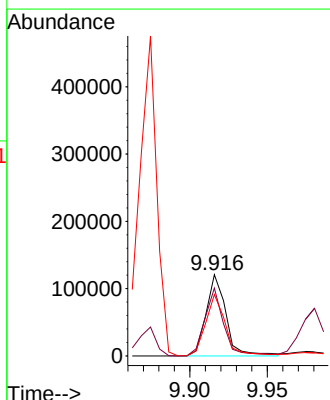
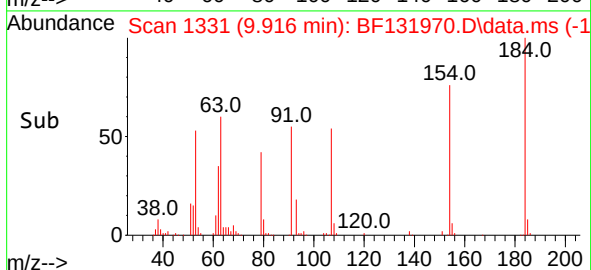
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

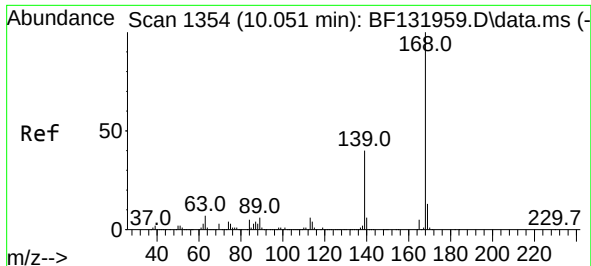


#54
2,4-Dinitrophenol
Concen: 82.189 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



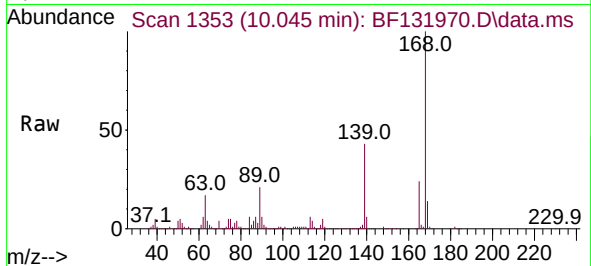
Tgt Ion:184 Resp: 107809
Ion Ratio Lower Upper
184 100
63 83.6 63.7 95.5
154 75.6 60.1 90.1





#55
Dibenzenofuran
Concen: 42.424 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

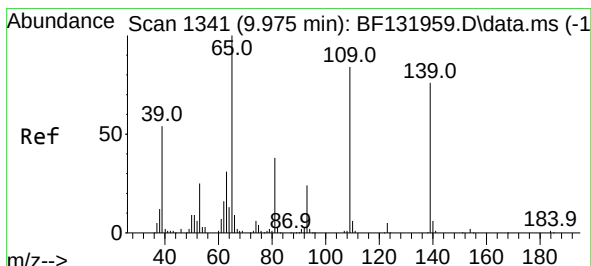
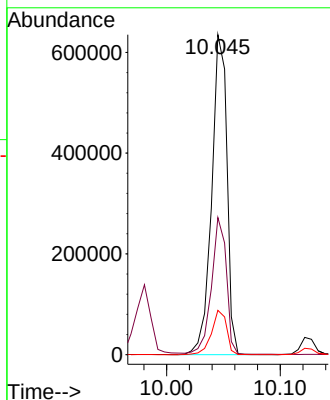
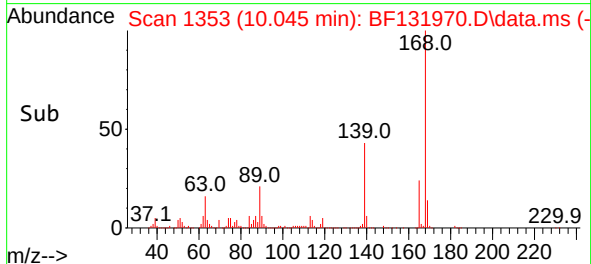
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion:168 Resp: 594638
Ion Ratio Lower Upper
168 100
139 42.8 32.4 48.6
169 13.8 10.7 16.1

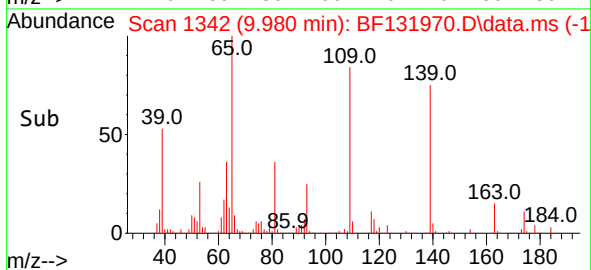
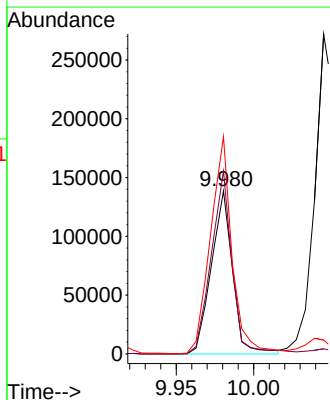
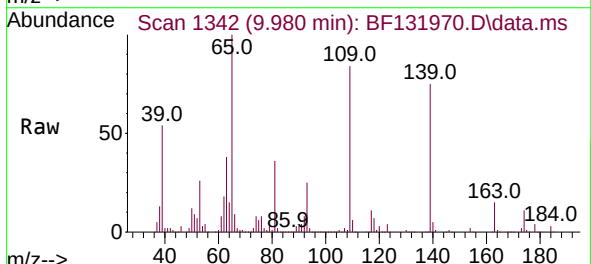
Manual Integrations
APPROVED

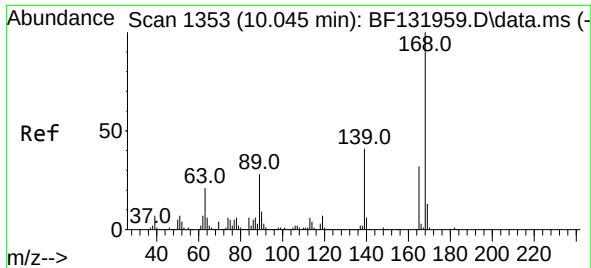
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#56
4-Nitrophenol
Concen: 92.359 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

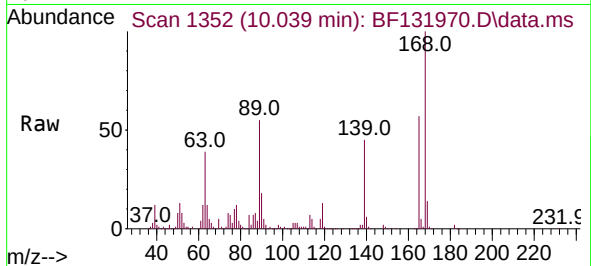
Tgt Ion:139 Resp: 131856
Ion Ratio Lower Upper
139 100
109 112.3 90.5 130.5
65 133.4 112.6 152.6





#57
2,4-Dinitrotoluene
Concen: 44.198 ng
RT: 10.039 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

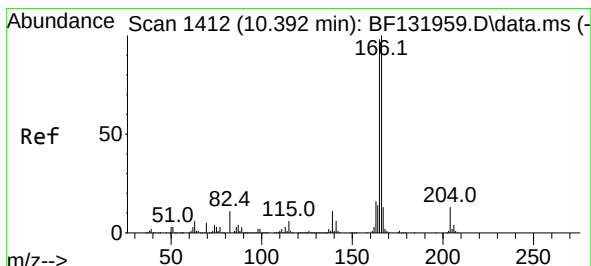
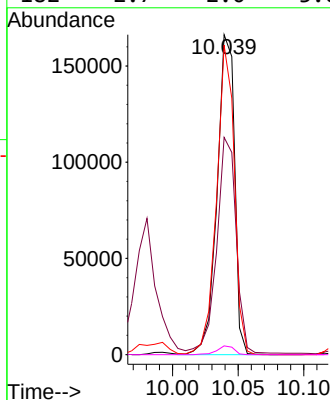
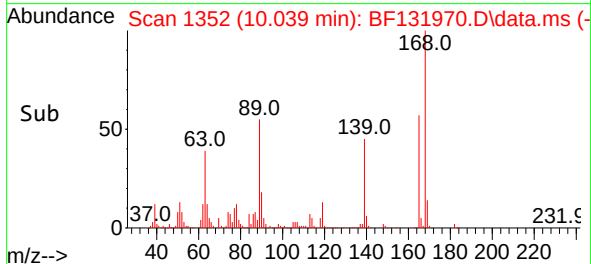
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion:165 Resp: 154372
Ion Ratio Lower Upper
165 100
63 67.9 53.2 79.8
89 96.7 71.2 106.8
182 2.7 2.0 3.0

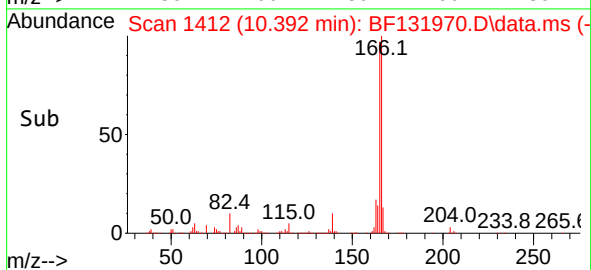
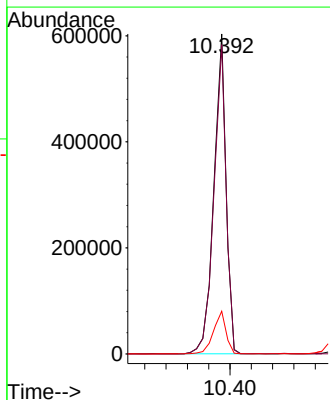
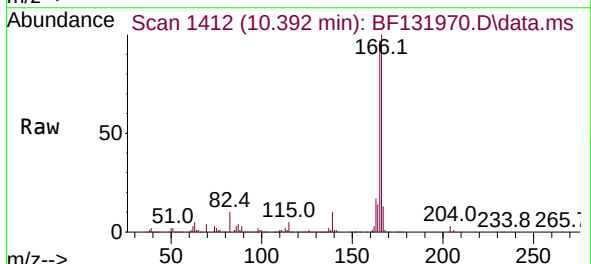
Manual Integrations
APPROVED

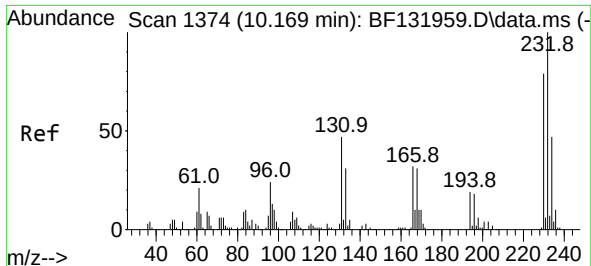
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#58
Fluorene
Concen: 42.956 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

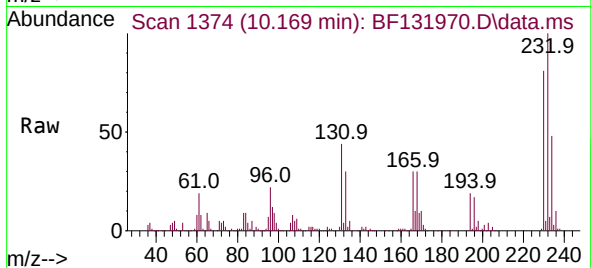
Tgt Ion:166 Resp: 480976
Ion Ratio Lower Upper
166 100
165 96.6 78.3 117.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.295 ng m
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

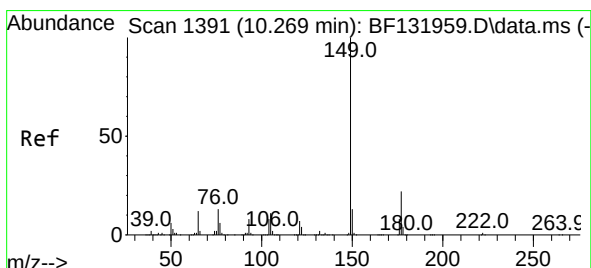
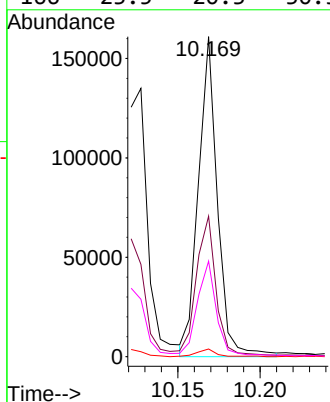
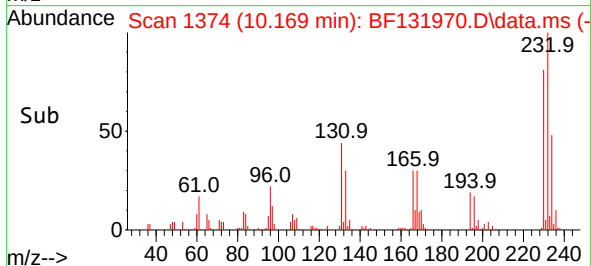
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



Tgt Ion:232 Resp: 129873
Ion Ratio Lower Upper
232 100
131 39.3 33.0 49.4
130 2.3 1.8 2.8
166 23.5 20.3 30.5

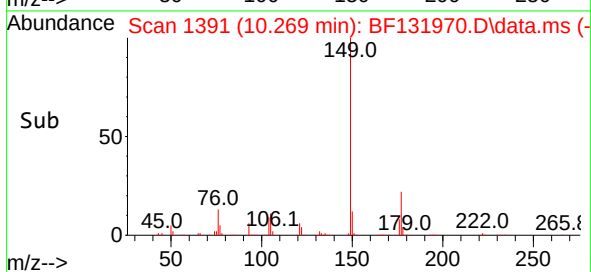
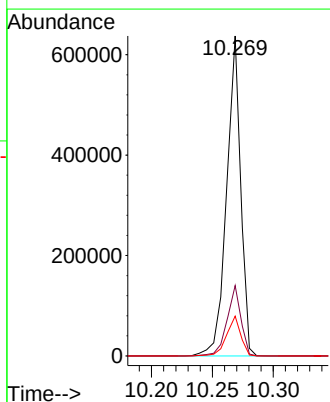
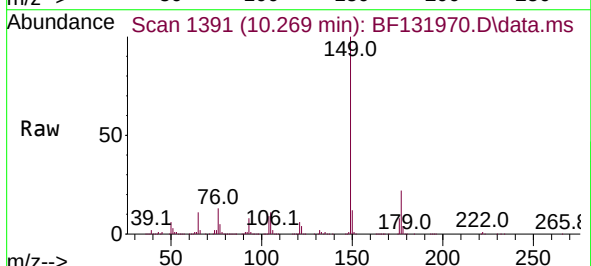
Manual Integrations
APPROVED

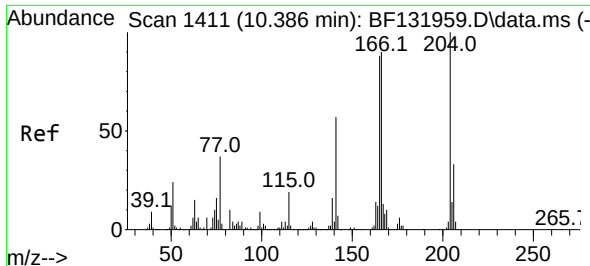
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#60
Diethylphthalate
Concen: 41.900 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

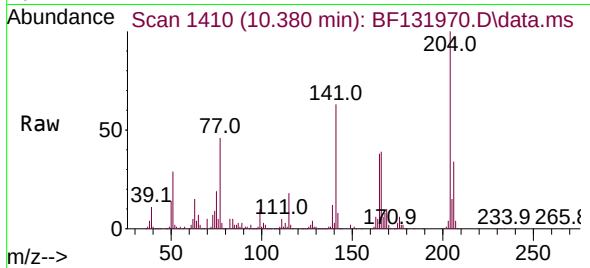
Tgt Ion:149 Resp: 511769
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.625 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

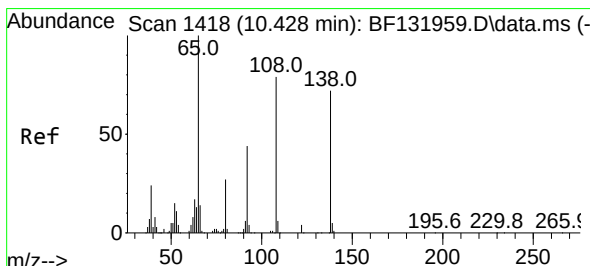
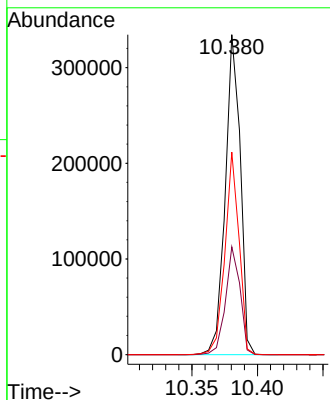
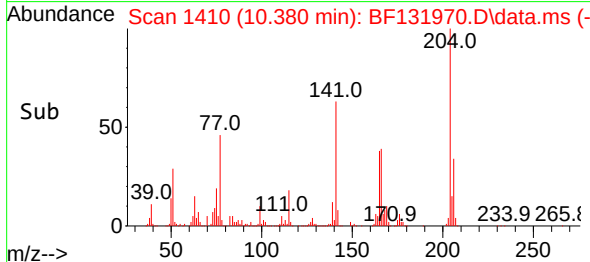
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



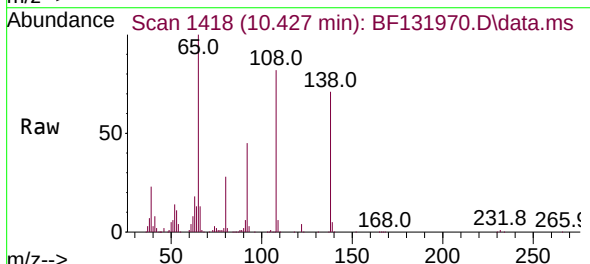
Tgt Ion:204 Resp: 266808
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 63.3 45.6 68.4

Manual Integrations
APPROVED

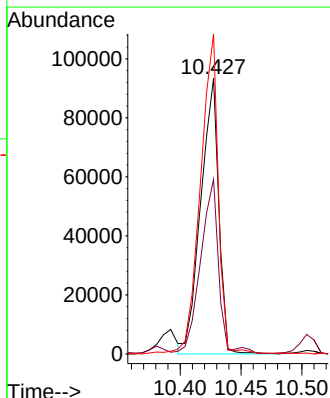
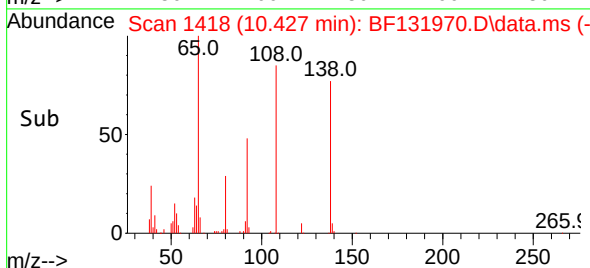
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

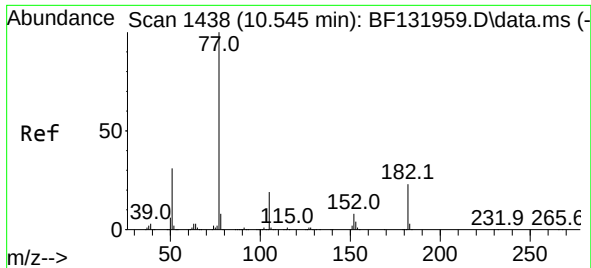


#62
4-Nitroaniline
Concen: 42.126 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



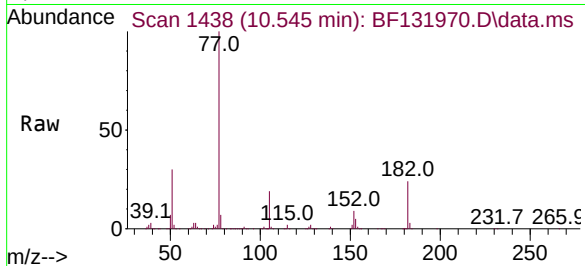
Tgt Ion:138 Resp: 96008
Ion Ratio Lower Upper
138 100
92 63.3 41.3 81.3
108 116.2 89.8 129.8





#63
Azobenzene
Concen: 43.833 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

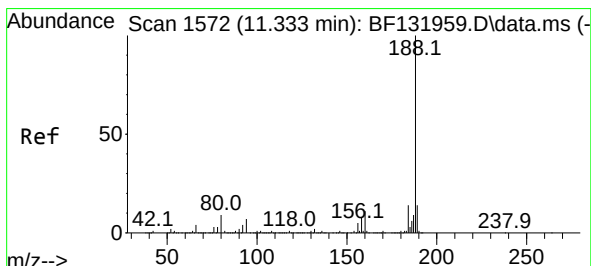
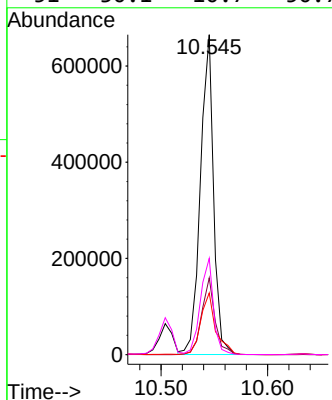
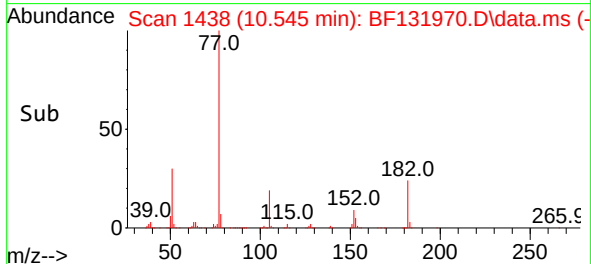
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



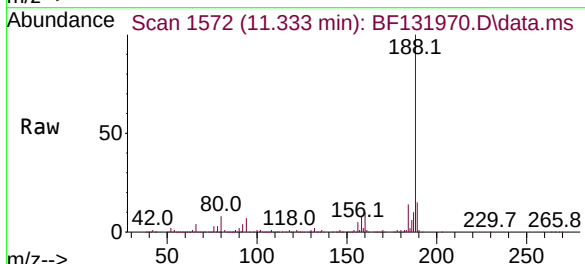
Tgt Ion: 77 Resp: 567928
Ion Ratio Lower Upper
77 100
182 24.0 2.9 42.9
105 19.3 0.0 39.3
51 30.1 10.7 50.7

Manual Integrations
APPROVED

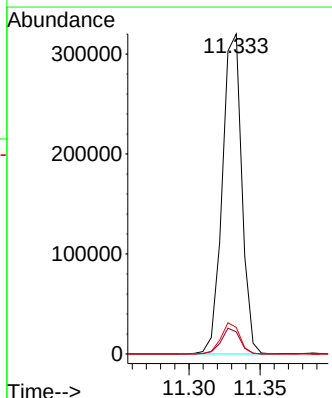
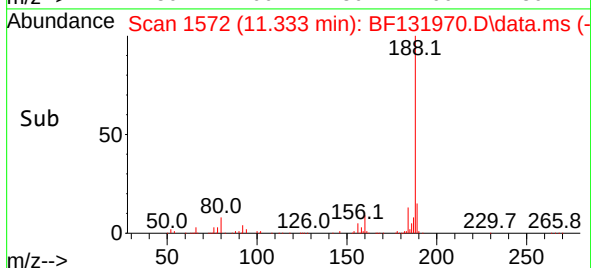
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

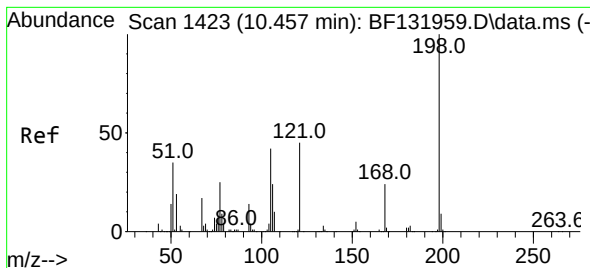


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion:188 Resp: 304661
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 8.3 7.4 11.0





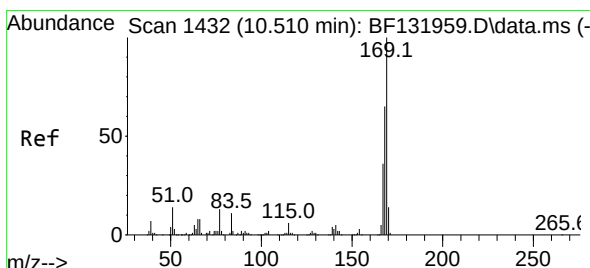
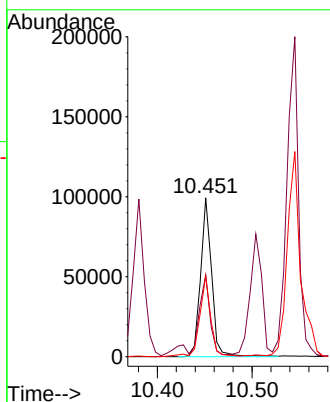
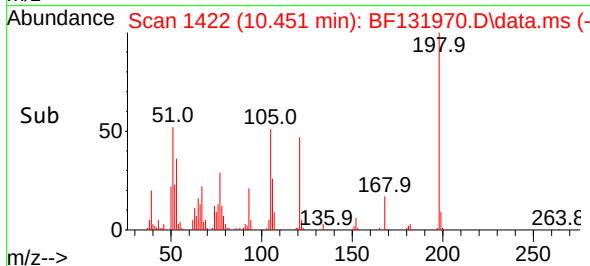
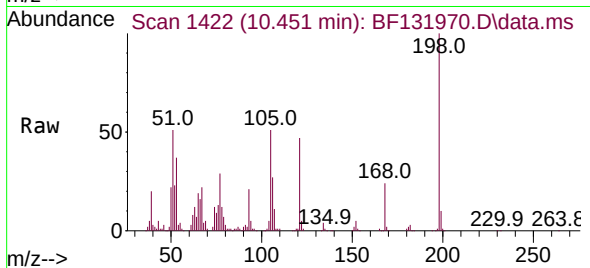
#65
4,6-Dinitro-2-methylphenol
Concen: 40.901 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion:198 Resp: 80359
Ion Ratio Lower Upper
198 100
51 51.4 21.4 61.4
105 50.6 23.0 63.0

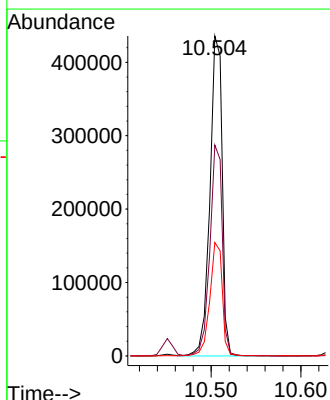
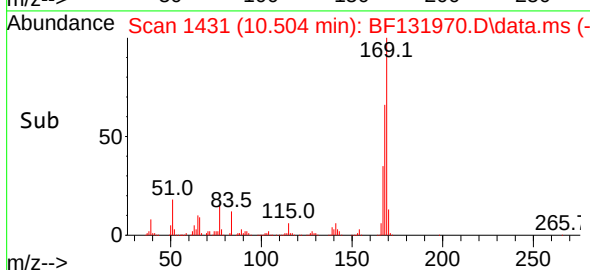
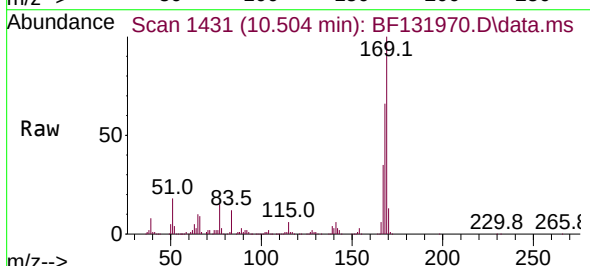
Manual Integrations
APPROVED

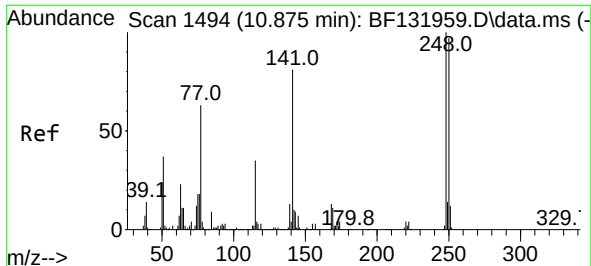
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#66
n-Nitrosodiphenylamine
Concen: 43.433 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

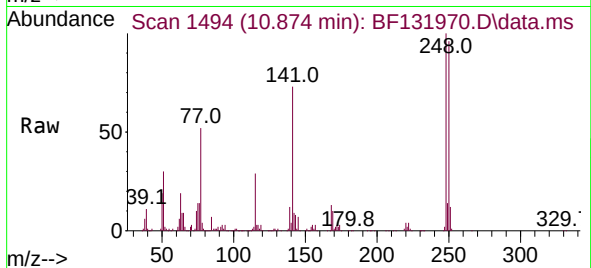
Tgt Ion:169 Resp: 415143
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 35.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 42.142 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

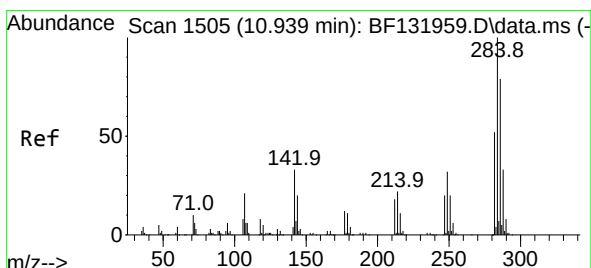
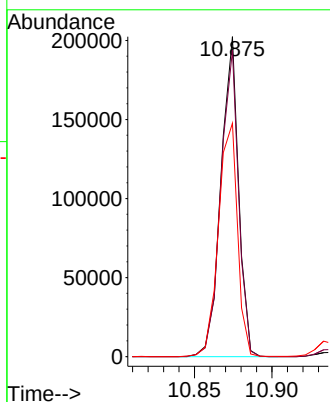
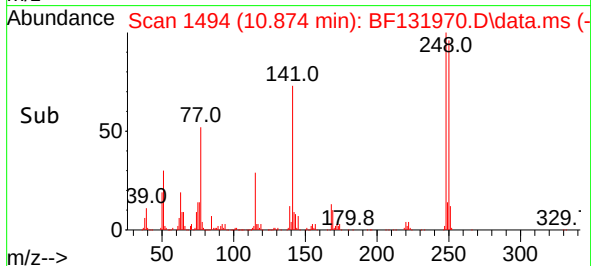
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



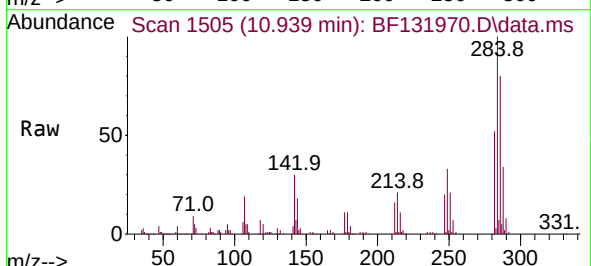
Tgt Ion:248 Resp: 160612
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.2
141 72.9 65.0 97.6

Manual Integrations
APPROVED

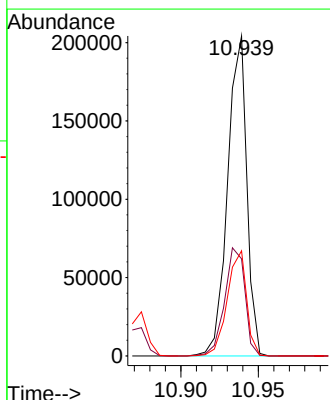
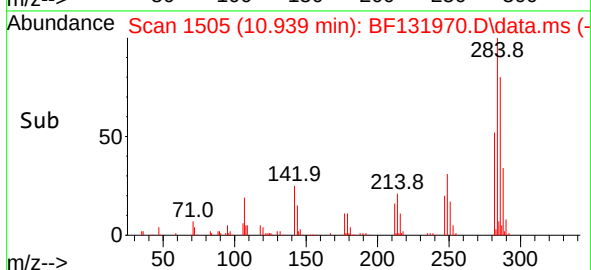
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

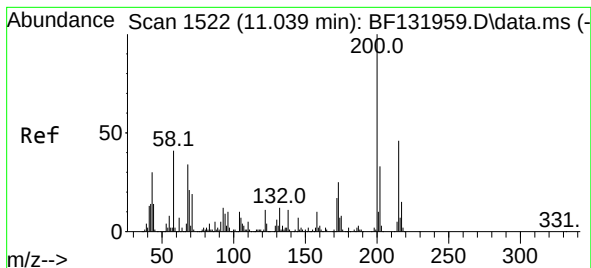


#68
Hexachlorobenzene
Concen: 45.734 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion:284 Resp: 176325
Ion Ratio Lower Upper
284 100
142 30.3 26.4 39.6
249 32.8 25.4 38.2





#69

Atrazine

Concen: 44.298 ng

RT: 11.039 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF131970.D

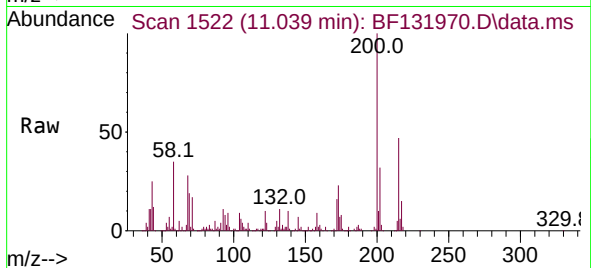
Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD



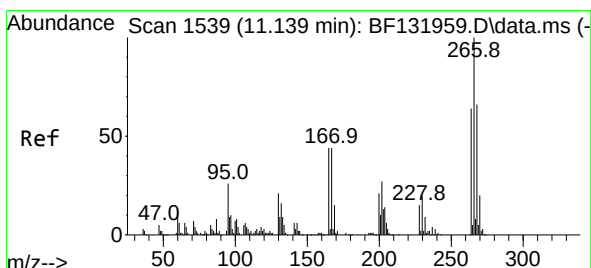
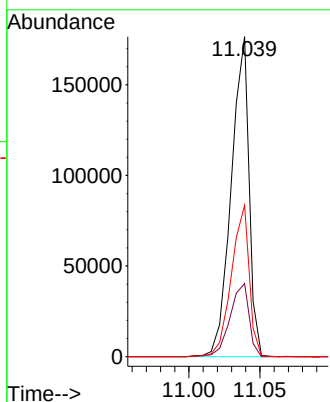
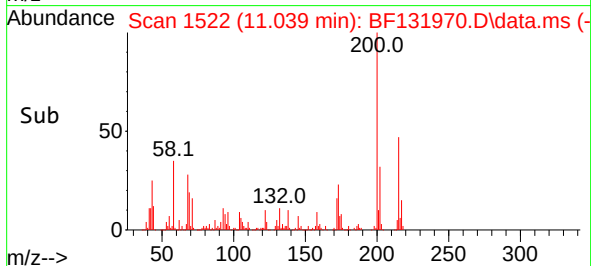
Tgt Ion:200 Resp: 153973

Ion	Ratio	Lower	Upper
200	100		
173	22.8	5.1	45.1
215	47.3	25.6	65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#70

Pentachlorophenol

Concen: 72.904 ng

RT: 11.139 min Scan# 1539

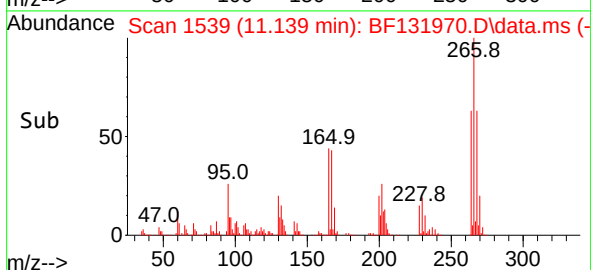
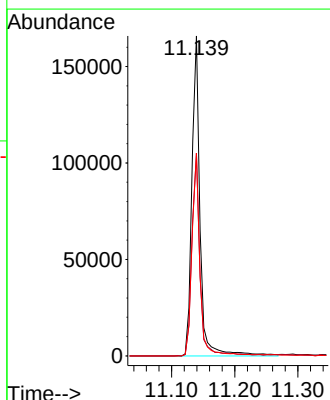
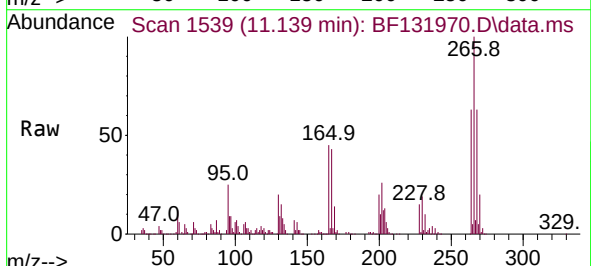
Delta R.T. 0.000 min

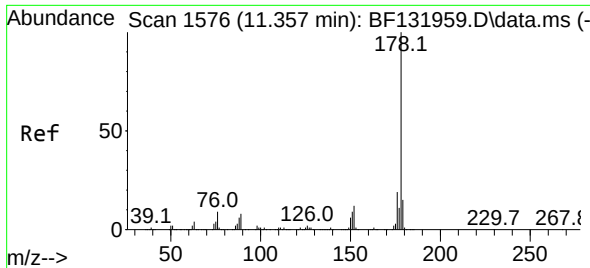
Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Tgt Ion:266 Resp: 149049

Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.7	79.1
264	63.4	51.6	77.4





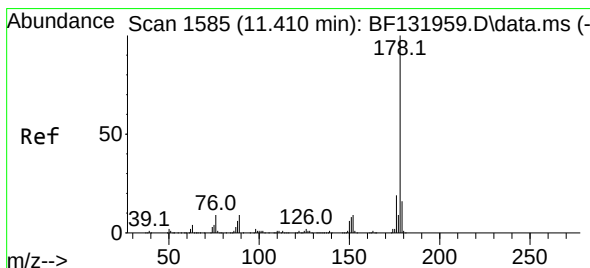
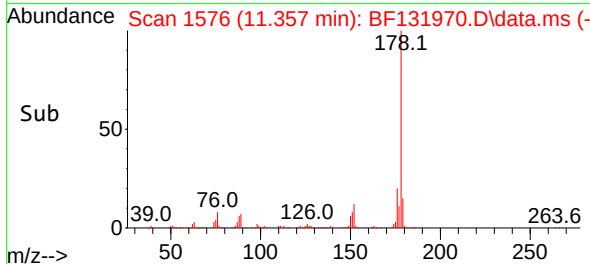
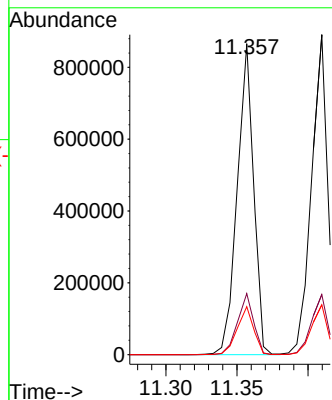
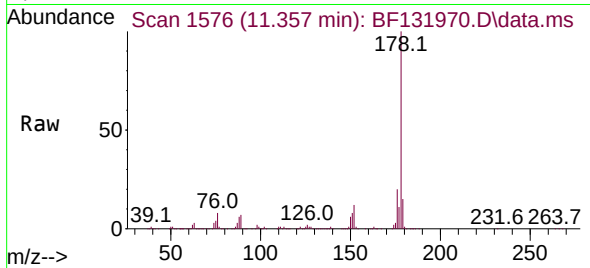
#71
Phenanthrene
Concen: 43.778 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion:178 Resp: 695279
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.4 18.6

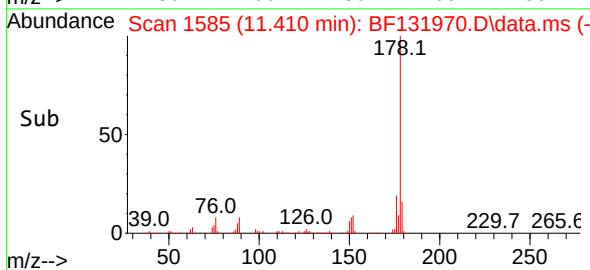
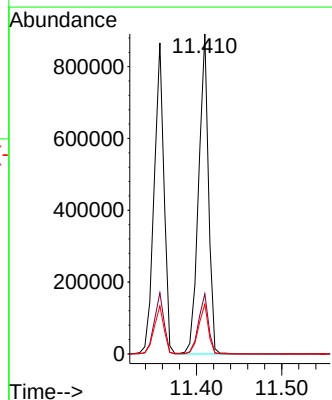
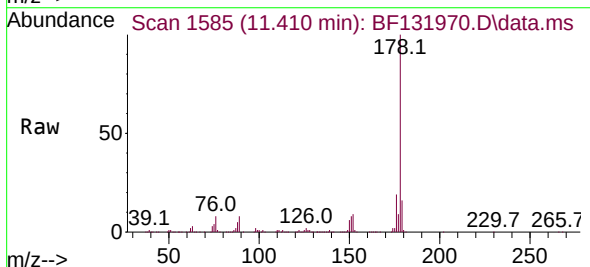
Manual Integrations
APPROVED

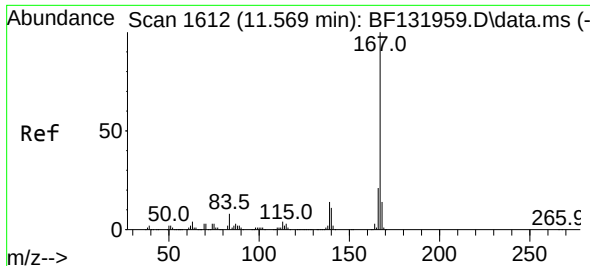
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#72
Anthracene
Concen: 43.585 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

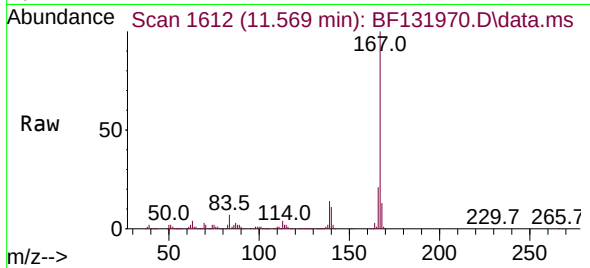
Tgt Ion:178 Resp: 712609
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.6 12.6 19.0





#73
 Carbazole
 Concen: 43.280 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

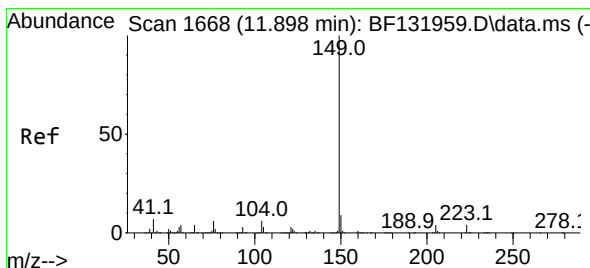
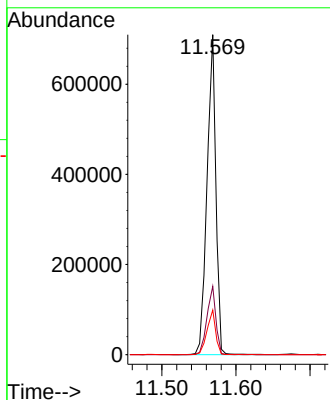
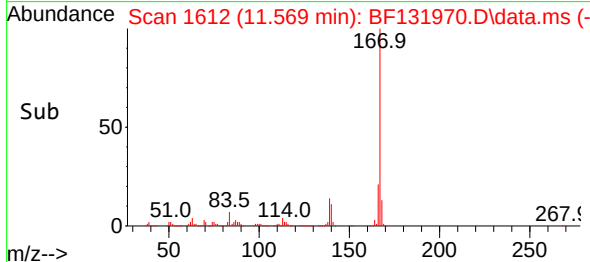
Instrument :
 BNA_F
 ClientSampleId :
 TP-203MSD



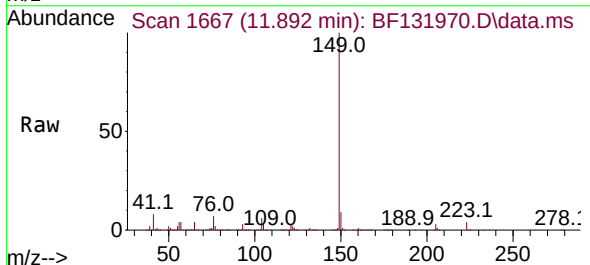
Tgt Ion:167 Resp: 585834
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 13.9 11.1 16.7

Manual Integrations
 APPROVED

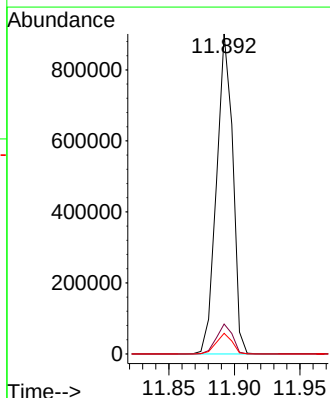
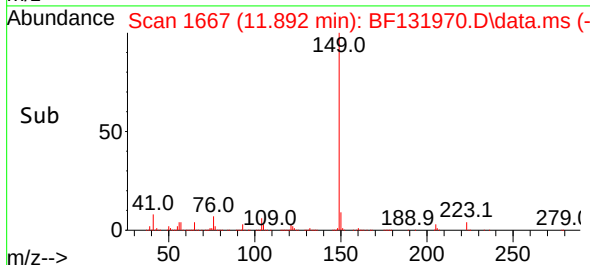
Reviewed By :Christian Giraldo 01/10/2023
 Supervised By :Jagrut Upadhyay 01/10/2023

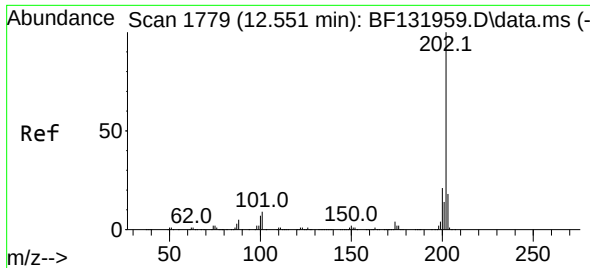


#74
 Di-n-butylphthalate
 Concen: 41.177 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57



Tgt Ion:149 Resp: 776103
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 6.4 5.0 7.6





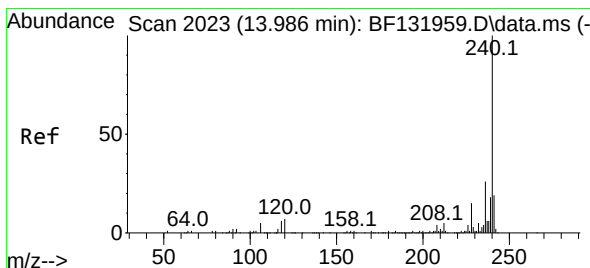
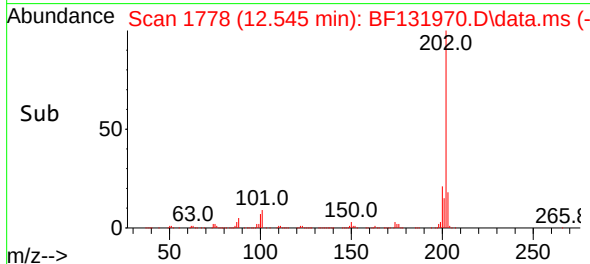
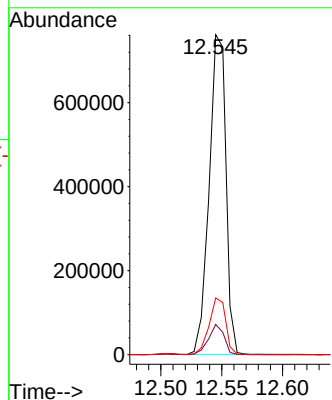
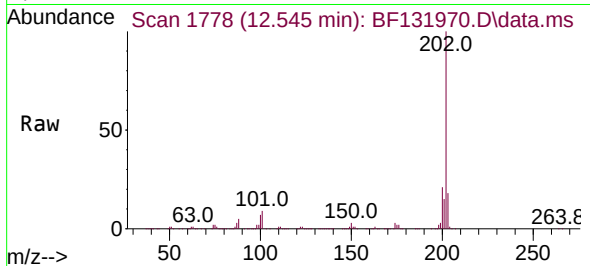
#75
Fluoranthene
Concen: 40.974 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :
BNA_F
ClientSampleId :
TP-203MSD

Tgt Ion:202 Resp: 731874
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 17.7 0.0 37.6

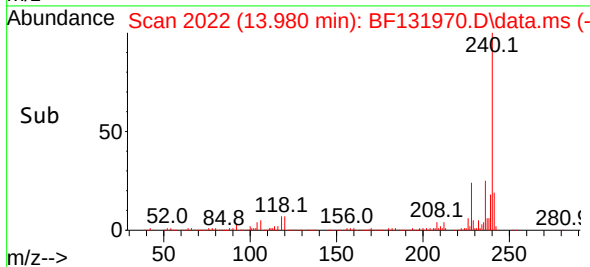
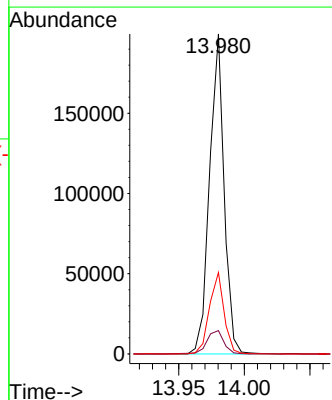
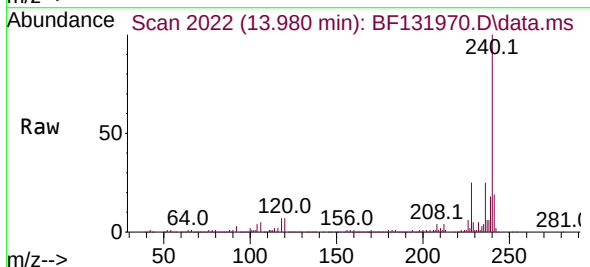
Manual Integrations
APPROVED

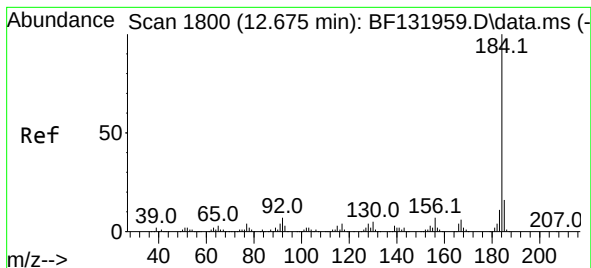
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:240 Resp: 153407
Ion Ratio Lower Upper
240 100
120 7.3 5.4 8.0
236 25.4 21.1 31.7





#77

Benzidine

Concen: 49.206 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.001 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

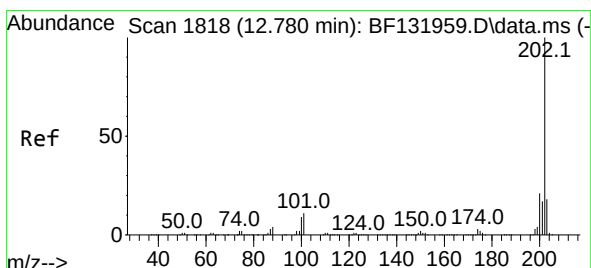
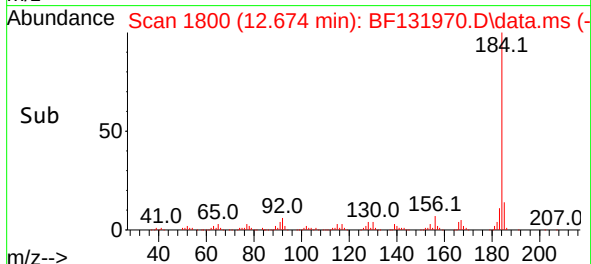
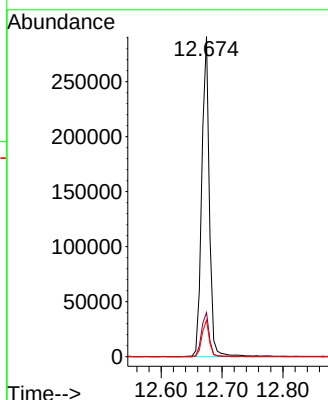
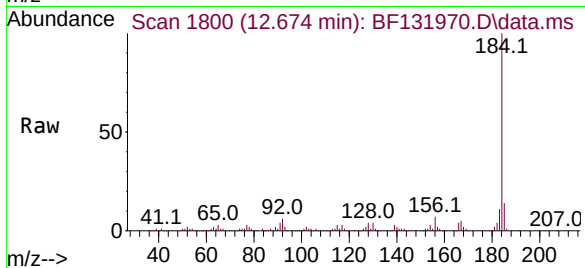
Tgt Ion:	184	Resp:	250779
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.8	19.2
183	11.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023

Supervised By :Jagrut Upadhyay 01/10/2023



#78

Pyrene

Concen: 52.277 ng

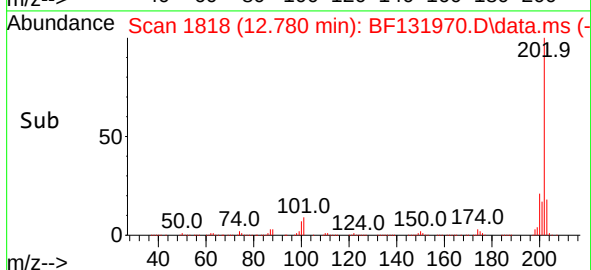
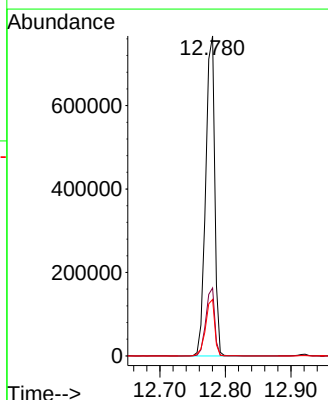
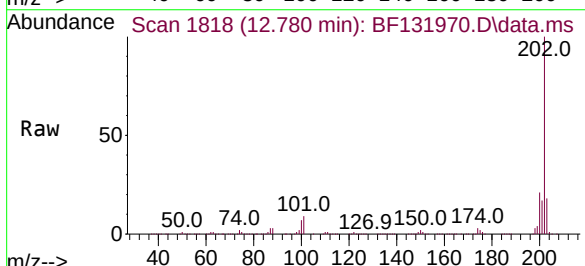
RT: 12.780 min Scan# 1818

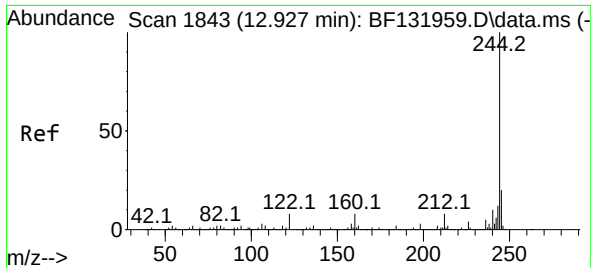
Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

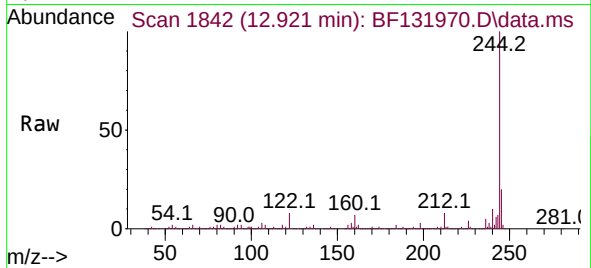
Tgt Ion:	202	Resp:	731447
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.6	14.1	21.1





#79
 Terphenyl-d14
 Concen: 84.465 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

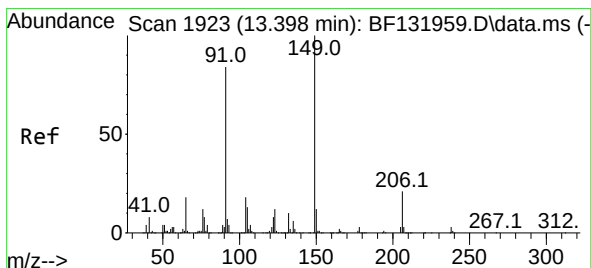
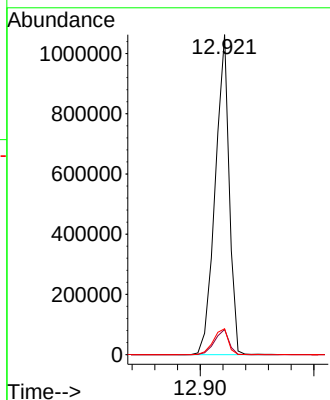
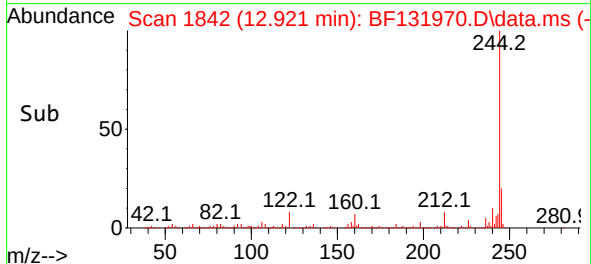
Instrument :
 BNA_F
 ClientSampleId :
 TP-203MSD



Tgt Ion:244 Resp: 904052
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.1 6.8 10.2

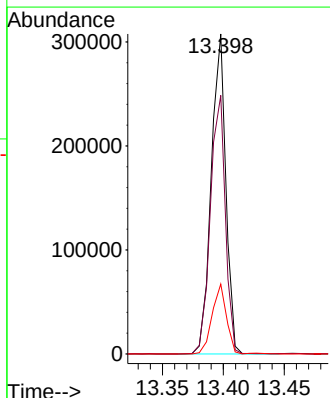
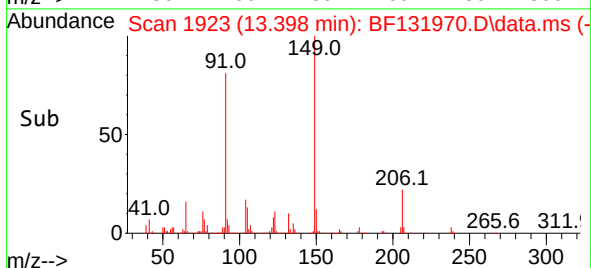
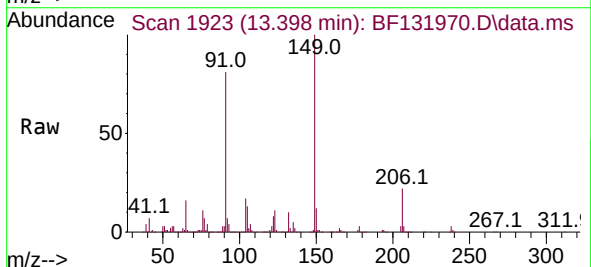
Manual Integrations
 APPROVED

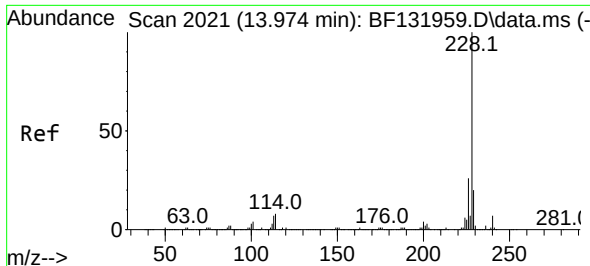
Reviewed By :Christian Giraldo 01/10/2023
 Supervised By :Jagrut Upadhyay 01/10/2023



#80
 Butylbenzylphthalate
 Concen: 45.345 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF131970.D
 Acq: 09 Jan 2023 18:57

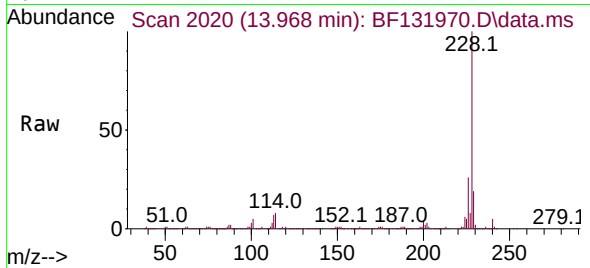
Tgt Ion:149 Resp: 256090
 Ion Ratio Lower Upper
 149 100
 91 80.8 67.0 100.4
 206 21.8 16.9 25.3





#81
Benzo(a)anthracene
Concen: 43.010 ng
RT: 13.968 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

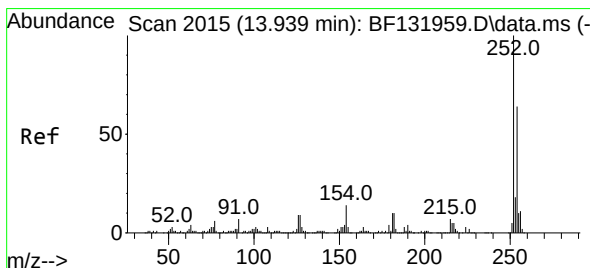
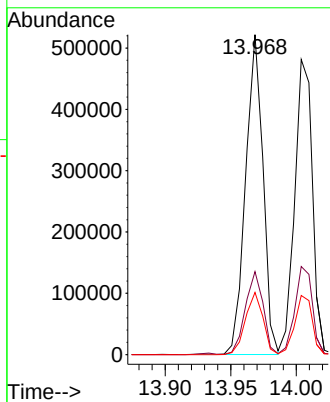
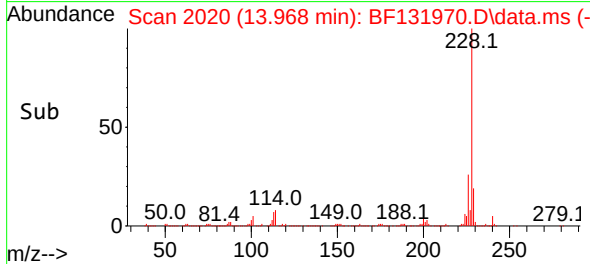
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



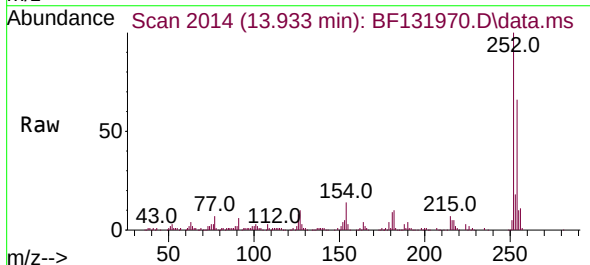
Tgt Ion:228 Resp: 480021
Ion Ratio Lower Upper
228 100
226 25.9 21.0 31.4
229 19.4 15.8 23.6

Manual Integrations
APPROVED

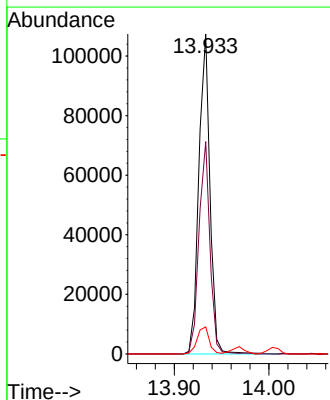
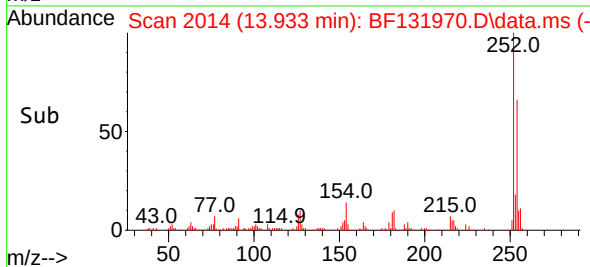
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

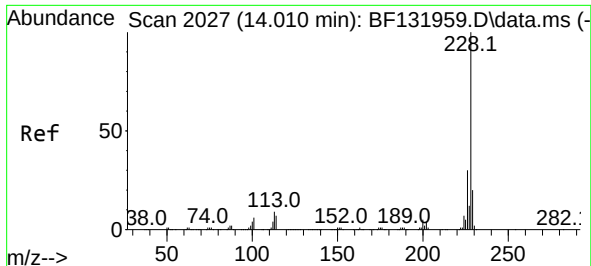


#82
3,3'-Dichlorobenzidine
Concen: 25.013 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



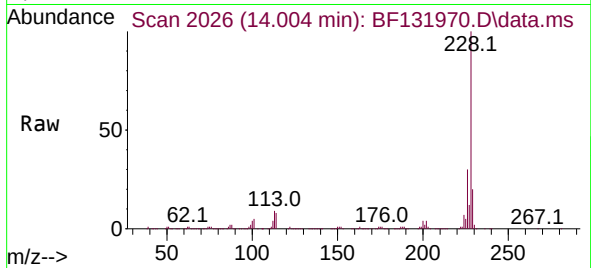
Tgt Ion:252 Resp: 87127
Ion Ratio Lower Upper
252 100
254 66.3 51.5 77.3
126 8.4 6.9 10.3





#83
Chrysene
Concen: 43.409 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

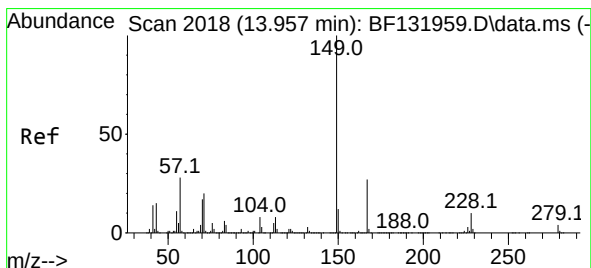
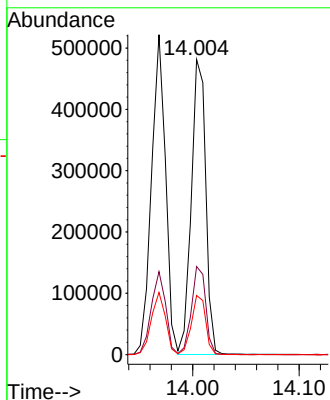
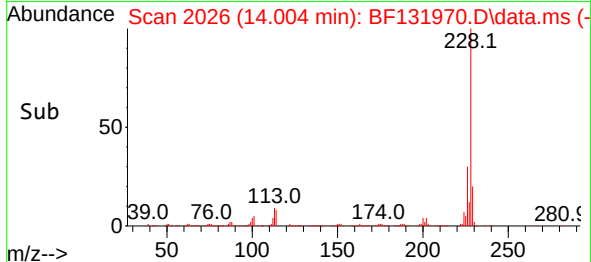
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



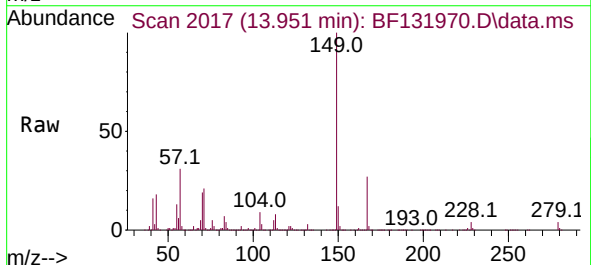
Tgt Ion:228 Resp: 452779
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 20.1 16.2 24.4

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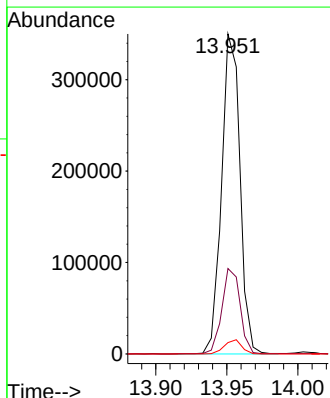
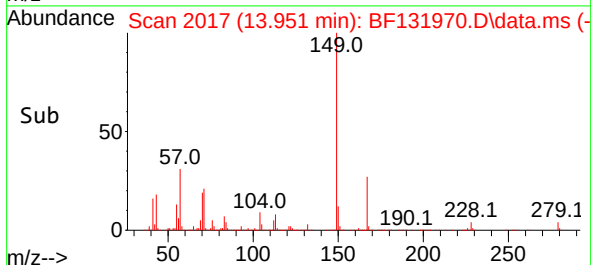
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

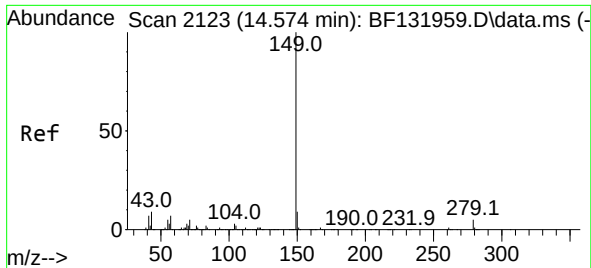


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.326 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



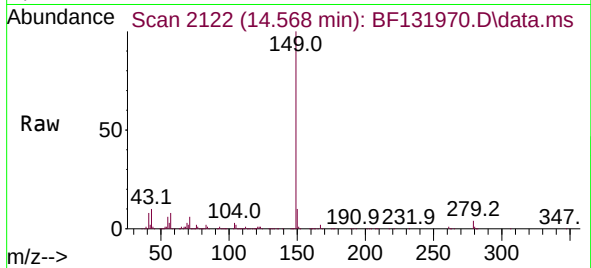
Tgt Ion:149 Resp: 316194
Ion Ratio Lower Upper
149 100
167 26.7 21.3 31.9
279 3.6 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 45.592 ng
RT: 14.568 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

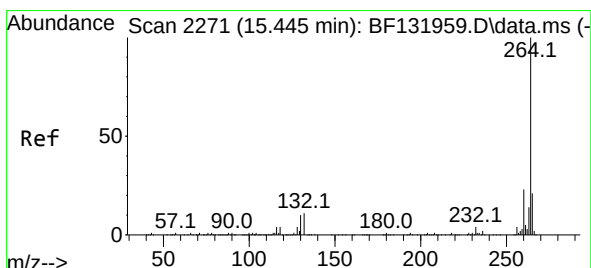
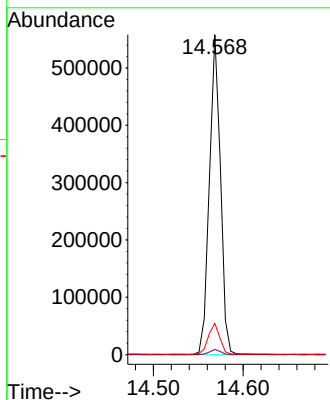
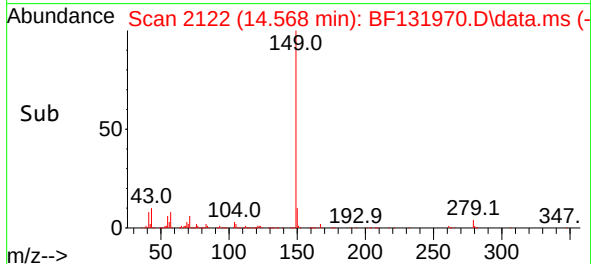
Instrument :
BNA_F
ClientSampleId :
TP-203MSD



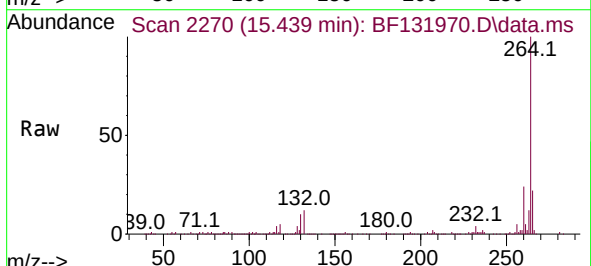
Tgt Ion:149 Resp: 477350
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 7.8 11.6

Manual Integrations
APPROVED

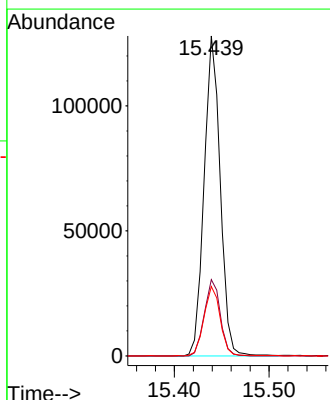
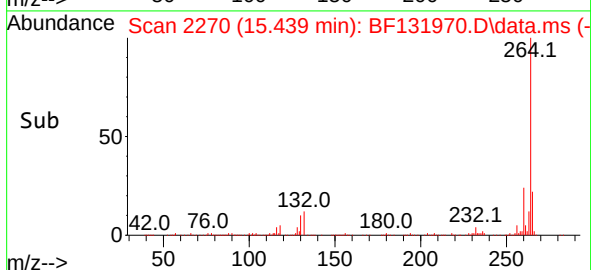
Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023

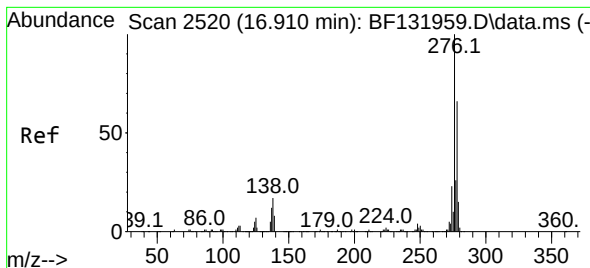


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57



Tgt Ion:264 Resp: 151318
Ion Ratio Lower Upper
264 100
260 23.8 18.3 27.5
265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.498 ng

RT: 16.909 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

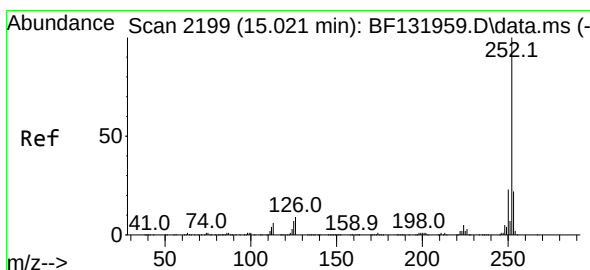
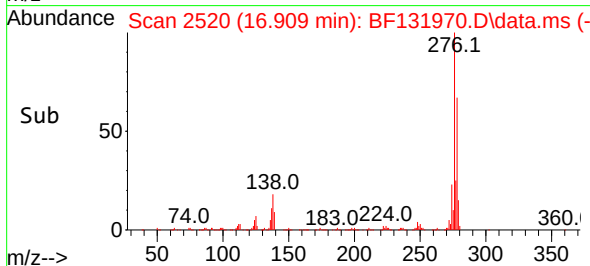
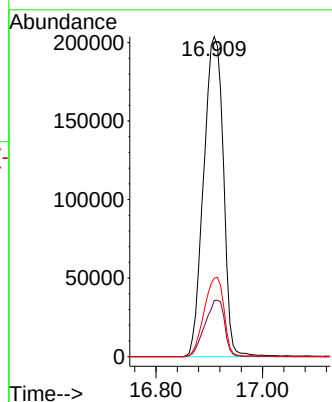
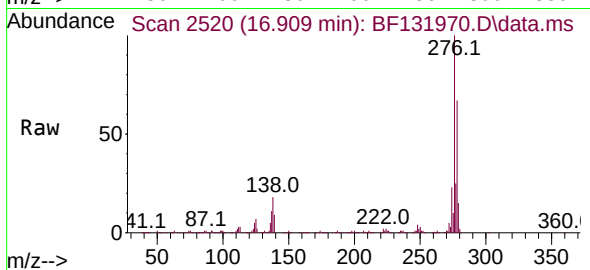
TP-203MSD

Tgt Ion:	276	Resp:	52431
Ion Ratio	Lower	Upper	
276	100		
138	17.5	14.2	21.2
277	24.8	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#88

Benzo(b)fluoranthene

Concen: 43.052 ng

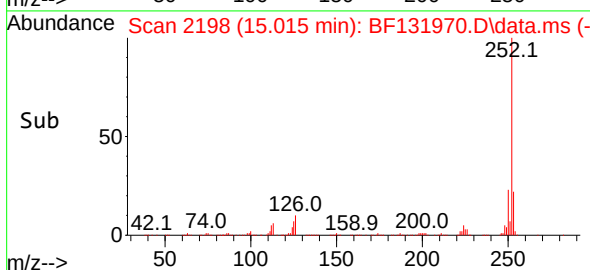
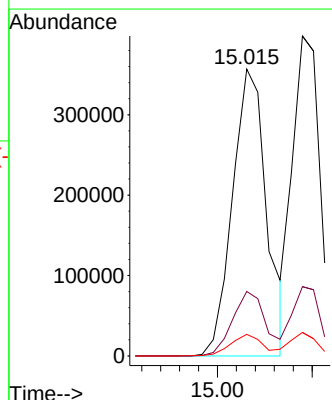
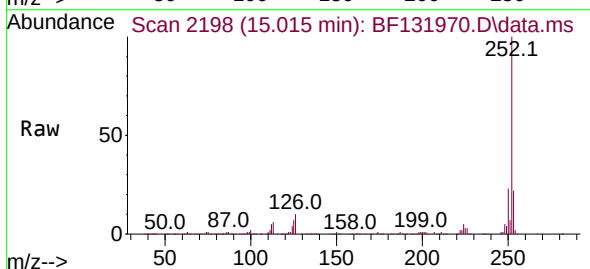
RT: 15.015 min Scan# 2198

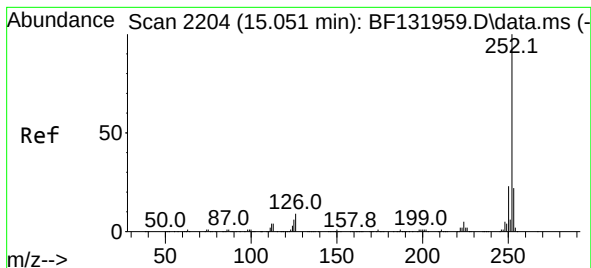
Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Tgt Ion:	252	Resp:	446821
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	7.5	5.8	8.6





#89

Benzo(k)fluoranthene

Concen: 38.998 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

ClientSampleId :

TP-203MSD

Tgt Ion:252 Resp: 403942

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

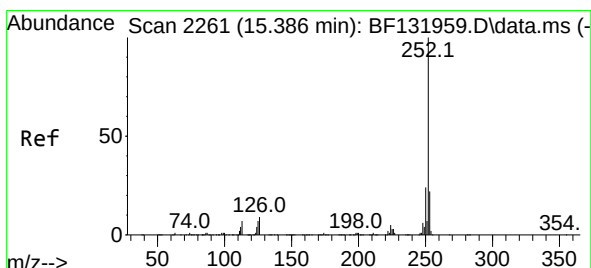
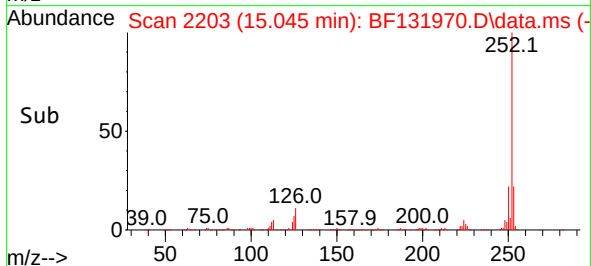
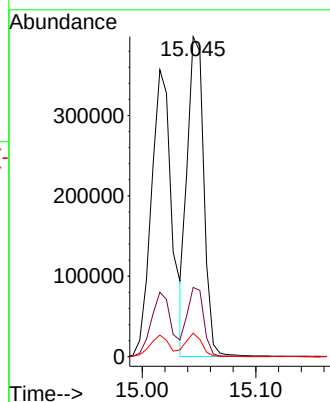
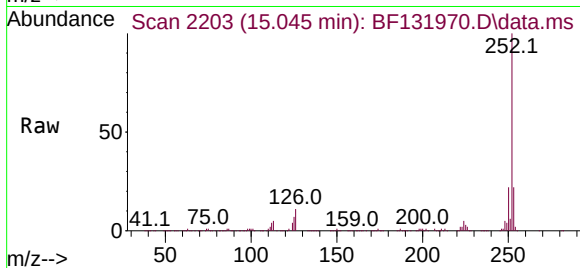
125 7.3 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/10/2023

Supervised By :Jagrut Upadhyay 01/10/2023



#90

Benzo(a)pyrene

Concen: 41.639 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF131970.D

Acq: 09 Jan 2023 18:57

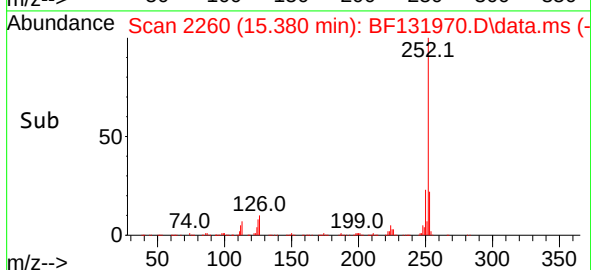
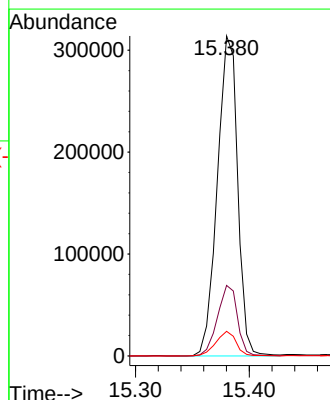
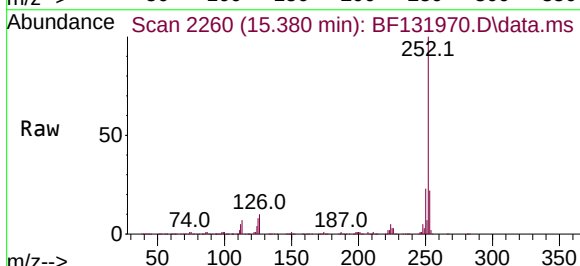
Tgt Ion:252 Resp: 389363

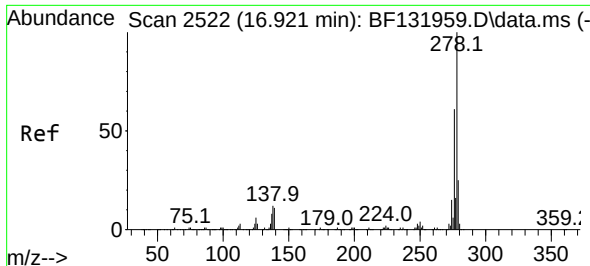
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 7.7 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 56.998 ng
RT: 16.921 min Scan# 2522
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Instrument :

BNA_F

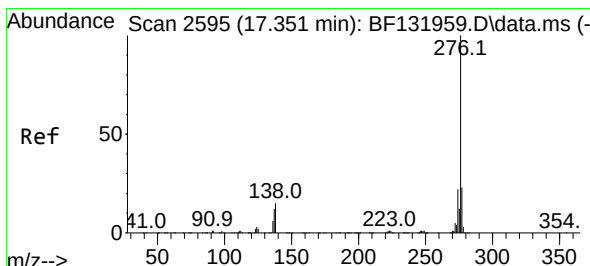
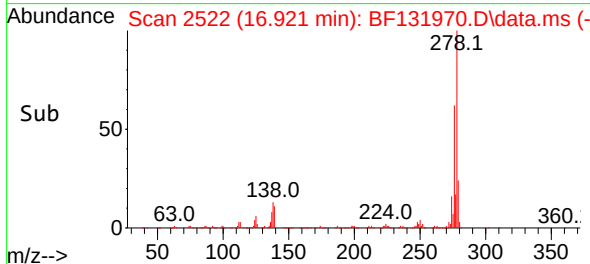
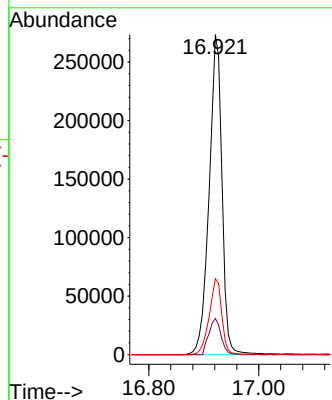
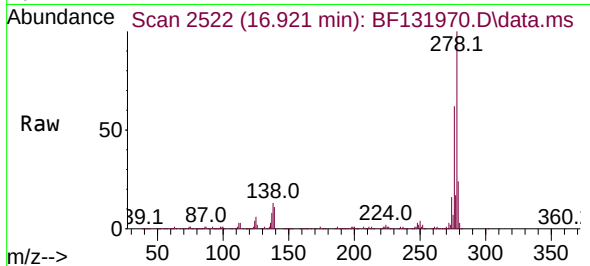
ClientSampleId :

TP-203MSD

Tgt Ion:278 Resp: 443419
Ion Ratio Lower Upper
278 100
139 11.3 8.8 13.2
279 23.7 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/10/2023
Supervised By :Jagrut Upadhyay 01/10/2023



#92
Benzo(g,h,i)perylene
Concen: 51.519 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF131970.D
Acq: 09 Jan 2023 18:57

Tgt Ion:276 Resp: 431476
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.2
138 15.1 11.7 17.5

