

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131021.D
 Acq On : 05 Nov 2022 15:57
 Operator : CG\JU
 Sample : N5335-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/07/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:48:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	66294	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	260115	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	138963	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	238351	20.000	ng	0.00
76) Chrysene-d12	14.092	240	150431	20.000	ng	0.00
86) Perylene-d12	15.586	264	149073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	460358	120.385	ng	0.01
7) Phenol-d6	6.534	99	581264	116.970	ng	0.00
23) Nitrobenzene-d5	7.469	82	361428	83.785	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	146487	125.225	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	755817	82.231	ng	0.00
79) Terphenyl-d14	13.033	244	601003	73.210	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	83375	48.630	ng	91
3) Pyridine	3.510	79	227247	47.322	ng	98
4) n-Nitrosodimethylamine	3.481	42	145654	54.029	ng	98
6) Aniline	6.569	93	249883m	40.666	ng	
8) 2-Chlorophenol	6.687	128	214797	50.423	ng	95
9) Benzaldehyde	6.457	77	148926	46.824	ng	95
10) Phenol	6.545	94	261446m	48.891	ng	
11) bis(2-Chloroethyl)ether	6.640	93	208216	49.948	ng	96
12) 1,3-Dichlorobenzene	6.845	146	213345	44.197	ng	98
13) 1,4-Dichlorobenzene	6.922	146	214868	43.853	ng	97
14) 1,2-Dichlorobenzene	7.075	146	206949	45.605	ng	98
15) Benzyl Alcohol	7.045	79	188735	44.666	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	327368	44.056	ng	97
17) 2-Methylphenol	7.157	107	158796	43.613	ng	99
18) Hexachloroethane	7.416	117	85335	48.189	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	149714	44.280	ng	97
20) 3+4-Methylphenols	7.310	107	193698	40.916	ng	# 64
22) Acetophenone	7.316	105	277127	43.942	ng	93
24) Nitrobenzene	7.487	77	243836	51.693	ng	100
25) Isophorone	7.728	82	431490	48.506	ng	99
26) 2-Nitrophenol	7.804	139	100863	53.704	ng	91
27) 2,4-Dimethylphenol	7.840	122	175771	47.478	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	231028	46.503	ng	99
29) 2,4-Dichlorophenol	8.045	162	163259	42.868	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	172615	42.150	ng	99
31) Naphthalene	8.210	128	575587	42.413	ng	100
32) Benzoic acid	7.957	122	98078	38.992	ng	93
33) 4-Chloroaniline	8.257	127	133407	24.877	ng	98
34) Hexachlorobutadiene	8.322	225	121893	44.838	ng	98
35) Caprolactam	8.634	113	56137m	45.997	ng	
36) 4-Chloro-3-methylphenol	8.739	107	211485	51.194	ng	98
37) 2-Methylnaphthalene	8.904	142	423890	49.657	ng	99
38) 1-Methylnaphthalene	9.004	142	397334	47.828	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	219135	55.608	ng	99
41) Hexachlorocyclopentadiene	9.051	237	265724	128.334	ng	97
43) 2,4,6-Trichlorophenol	9.181	196	151422	55.298	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	162216	55.448	ng	97
46) 1,1'-Biphenyl	9.369	154	505974	51.106	ng	99
47) 2-Chloronaphthalene	9.392	162	391844	49.358	ng	97
48) 2-Nitroaniline	9.492	65	128674	50.198	ng	98
49) Acenaphthylene	9.816	152	531584	42.373	ng	100
50) Dimethylphthalate	9.675	163	400428	41.953	ng	98
51) 2,6-Dinitrotoluene	9.733	165	88152	48.550	ng	97
52) Acenaphthene	9.986	154	373211m	48.110	ng	
53) 3-Nitroaniline	9.904	138	57169	30.751	ng	# 97
54) 2,4-Dinitrophenol	10.016	184	84091	90.877	ng	90
55) Dibenzofuran	10.157	168	467105	41.542	ng	98
56) 4-Nitrophenol	10.069	139	125028	84.935	ng	98
57) 2,4-Dinitrotoluene	10.139	165	114076	49.883	ng	# 90
58) Fluorene	10.504	166	367569	41.515	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	100801	41.792	ng	99
60) Diethylphthalate	10.375	149	393097	41.877	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	188229	44.440	ng	98
62) 4-Nitroaniline	10.522	138	82563	43.858	ng	95
63) Azobenzene	10.651	77	413526	42.201	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	58866	57.262	ng	84
66) n-Nitrosodiphenylamine	10.616	169	330229	44.418	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	121434	50.661	ng	96
68) Hexachlorobenzene	11.045	284	131424	49.763	ng	95
69) Atrazine	11.139	200	108504	50.537	ng	98
70) Pentachlorophenol	11.245	266	117485	77.958	ng	96
71) Phenanthrene	11.469	178	535556	43.534	ng	100
72) Anthracene	11.522	178	542825	44.736	ng	99
73) Carbazole	11.675	167	454561	41.832	ng	100
74) Di-n-butylphthalate	11.998	149	588291	44.578	ng	99
75) Fluoranthene	12.663	202	536859	41.073	ng	97
77) Benzidine	12.780	184	202574	55.474	ng	99
78) Pyrene	12.892	202	511640	40.313	ng	99
80) Butylbenzylphthalate	13.510	149	206713	45.272	ng	88
81) Benzo(a)anthracene	14.080	228	433184	43.433	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	113927	42.323	ng	95
83) Chrysene	14.121	228	410025	42.621	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	267939	48.804	ng	100
85) Di-n-octyl phthalate	14.680	149	414458	54.699	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	544723	55.025	ng	97
88) Benzo(b)fluoranthene	15.145	252	419146	43.496	ng	99
89) Benzo(k)fluoranthene	15.180	252	395134	42.080	ng	98
90) Benzo(a)pyrene	15.527	252	368179	47.528	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	454270	56.290	ng	99
92) Benzo(g,h,i)perylene	17.586	276	447149	54.310	ng	97

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

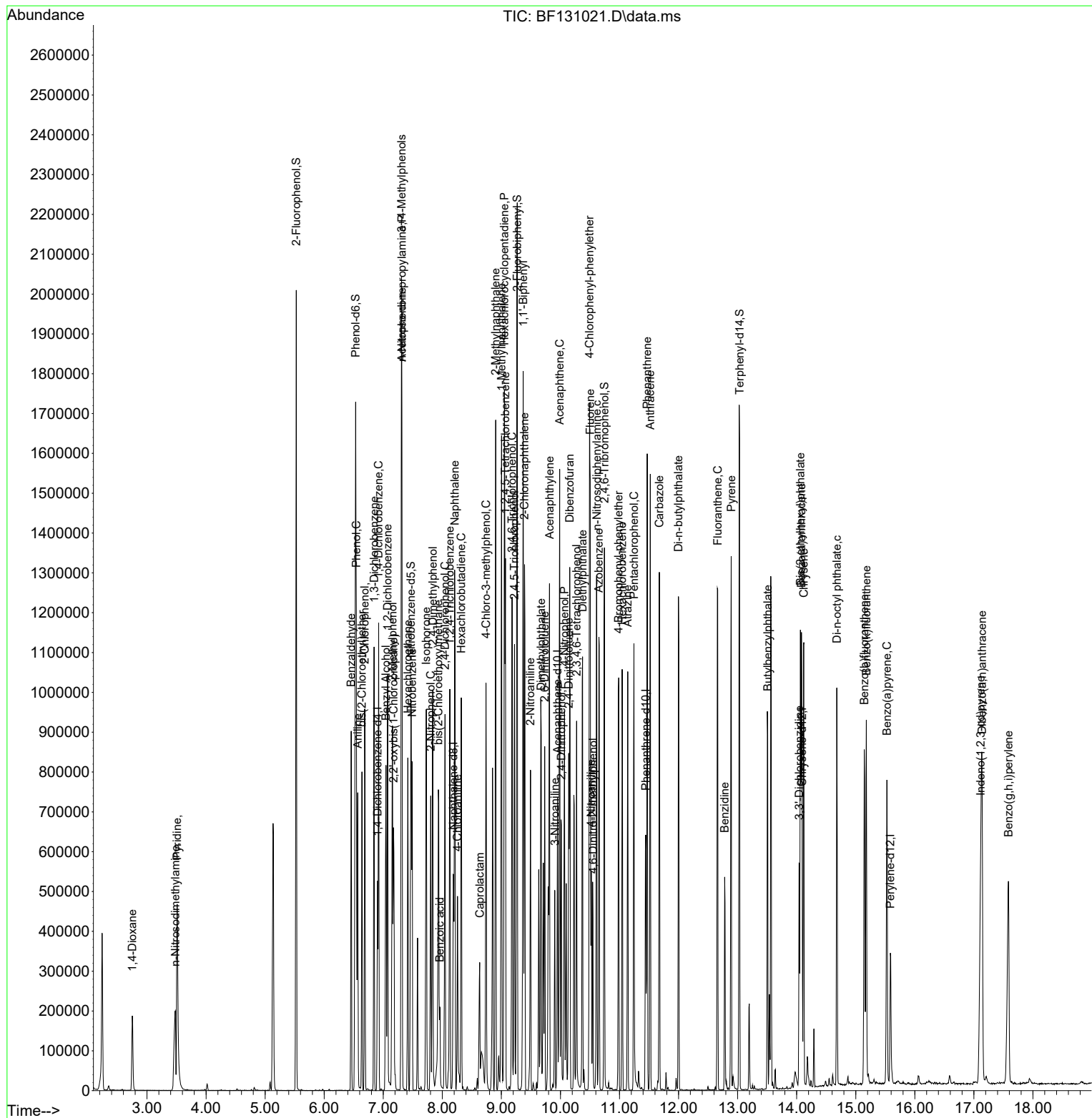
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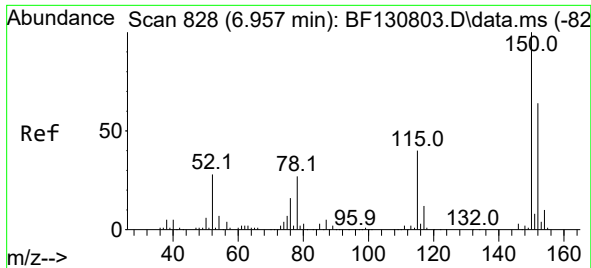
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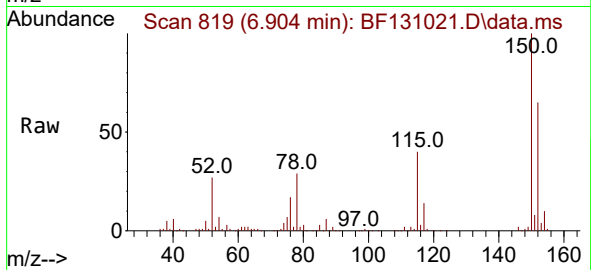
Reviewed By : Christian Giraldo 11/07/2022
Supervised By : Jagrut Upadhyay 11/07/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57

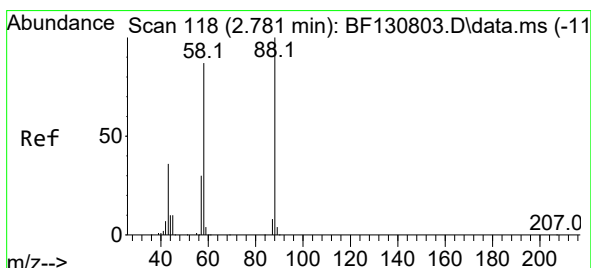
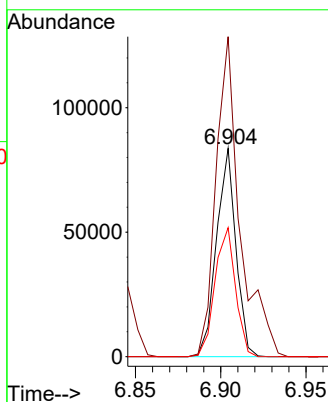
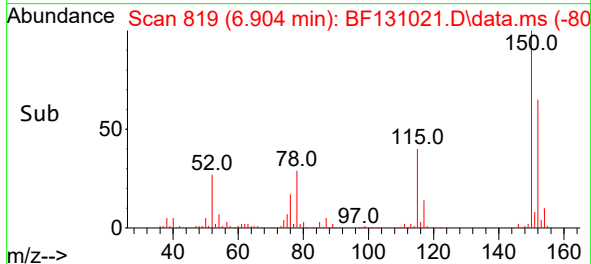
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 ClientSampleId :
 SB-2MS



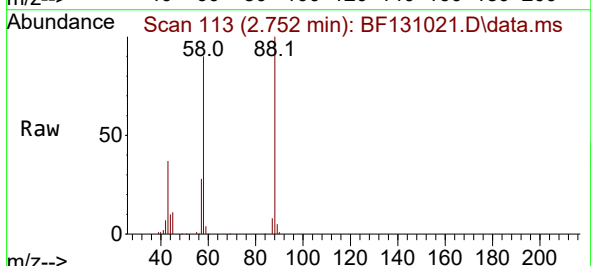
Tgt Ion:152 Resp: 66294
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.1 186.1
 115 61.9 50.1 75.1

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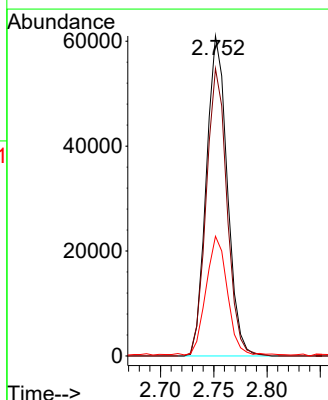
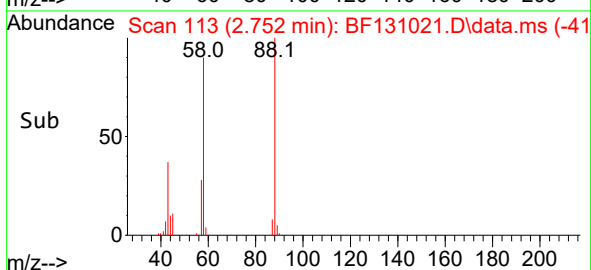
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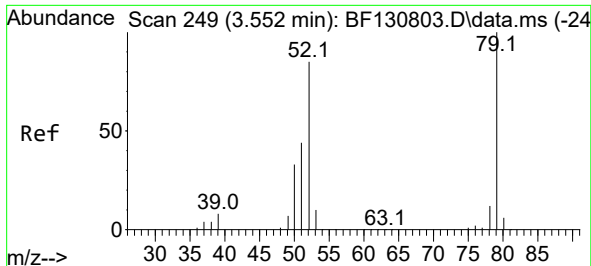


#2
 1,4-Dioxane
 Concen: 48.630 ng
 RT: 2.752 min Scan# 113
 Delta R.T. 0.071 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57



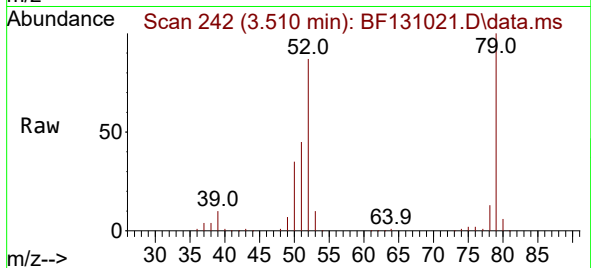
Tgt Ion: 88 Resp: 83375
 Ion Ratio Lower Upper
 88 100
 58 88.9 64.7 97.1
 43 37.9 26.5 39.7





#3
Pyridine
Concen: 47.322 ng
RT: 3.510 min Scan# 249
Delta R.T. 0.059 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

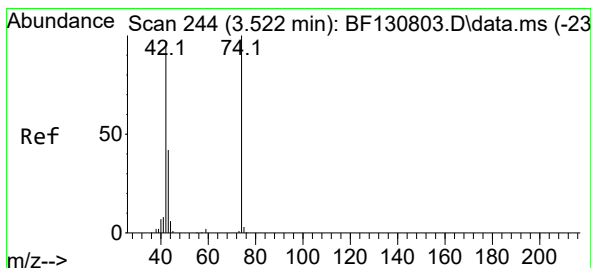
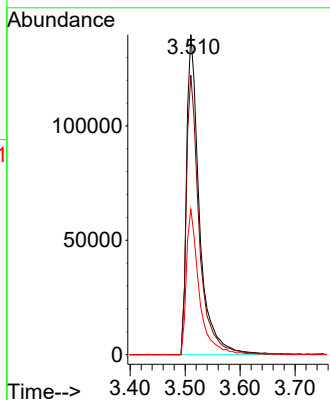
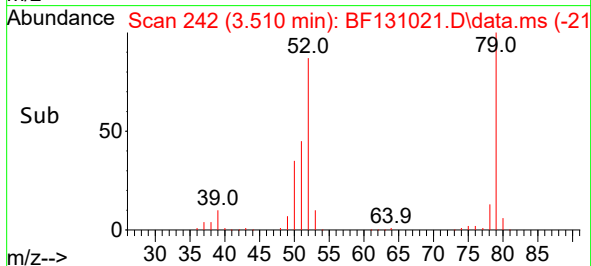
Instrument :
BNA_F
ClientSampleId :
SB-2MS



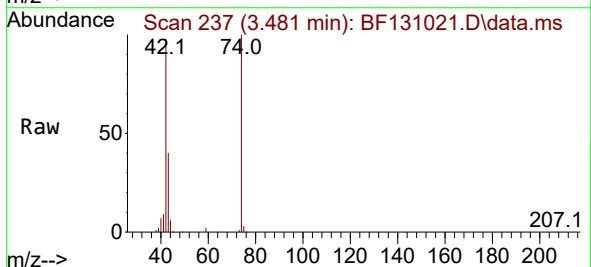
Tgt Ion: 79 Resp: 22724
Ion Ratio Lower Upper
79 100
52 87.4 68.2 102.4
51 45.5 35.2 52.8

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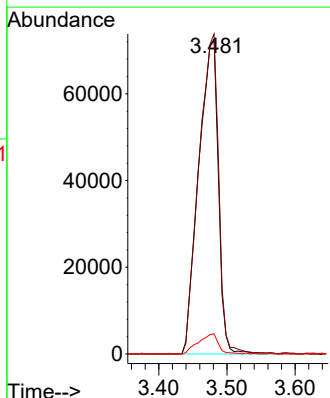
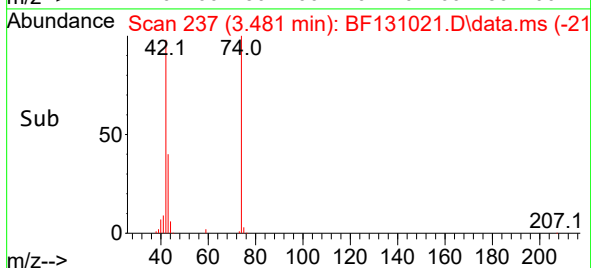
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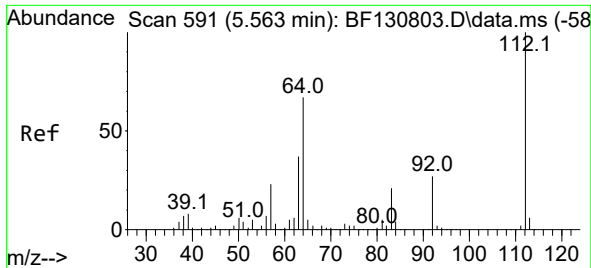


#4
n-Nitrosodimethylamine
Concen: 54.029 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.059 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



Tgt Ion: 42 Resp: 145654
Ion Ratio Lower Upper
42 100
74 101.8 82.8 124.2
44 6.4 6.0 9.0





#5
2-Fluorophenol
Concen: 120.385 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

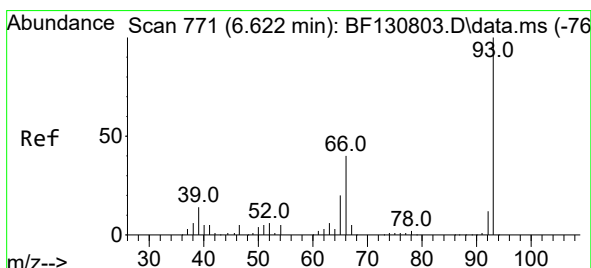
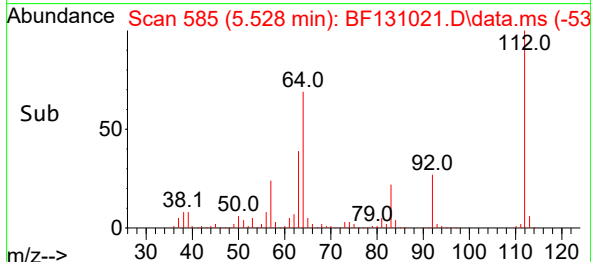
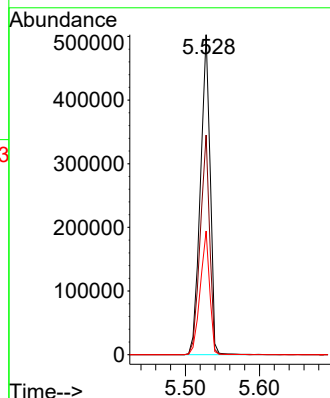
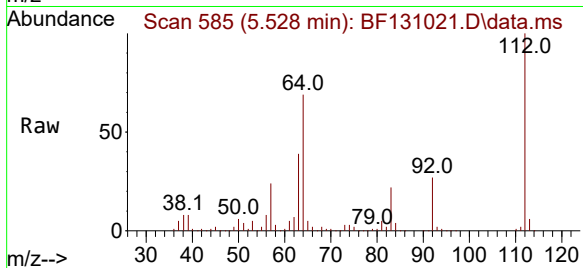
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Tgt Ion:112 Resp: 460358
Ion Ratio Lower Upper
112 100
64 68.6 53.9 80.9
63 38.6 29.4 44.2

Manual Integrations

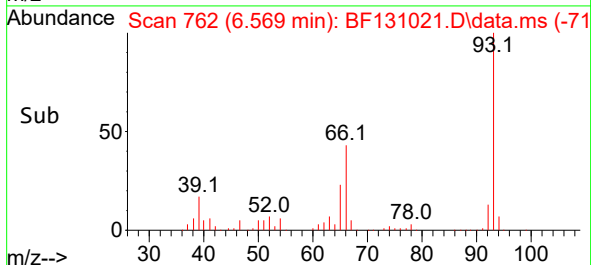
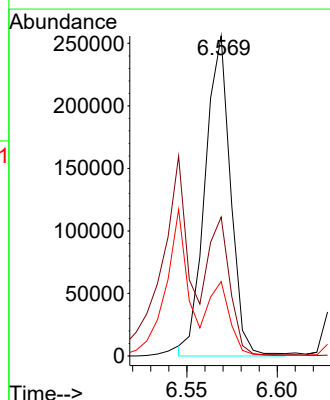
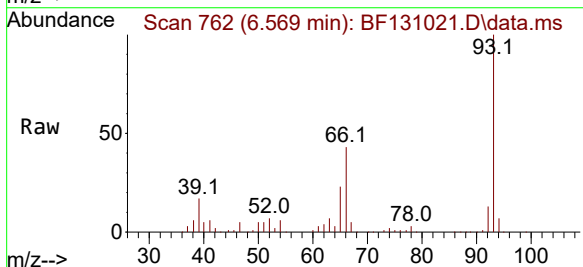
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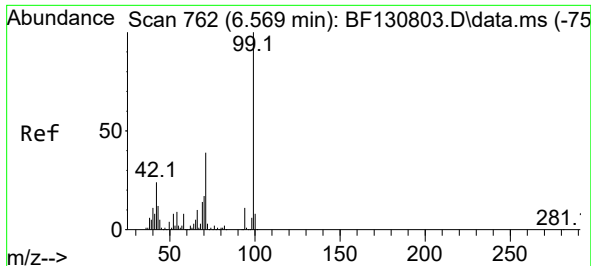
Reviewed By :Christian Giraldo 11/07/2022
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#6
Aniline
Concen: 40.666 ng m
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion: 93 Resp: 249883
Ion Ratio Lower Upper
93 100
66 43.4 33.8 50.8
65 23.3 17.2 25.8





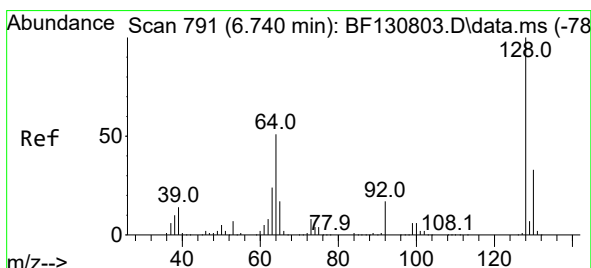
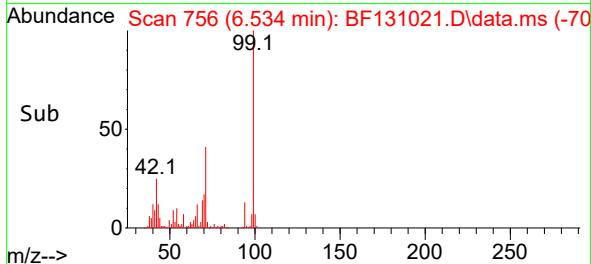
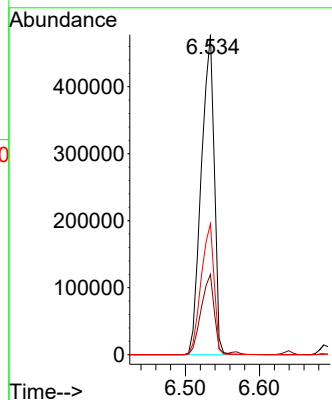
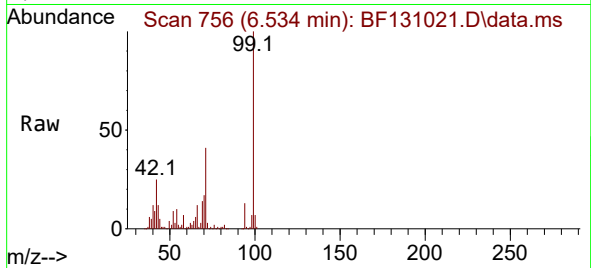
#7
Phenol-d6
Concen: 116.970 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion: 99 Resp: 581264
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 40.9 31.4 47.0

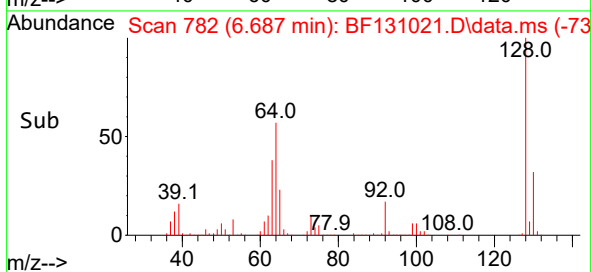
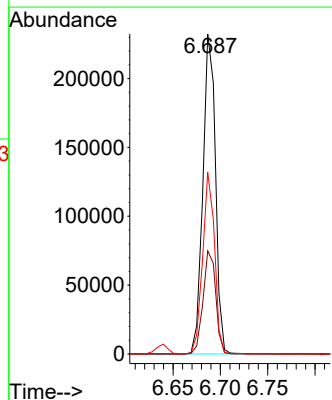
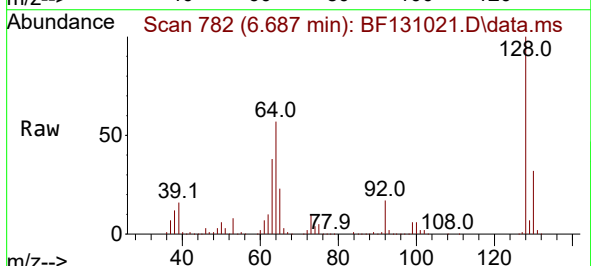
Manual Integrations
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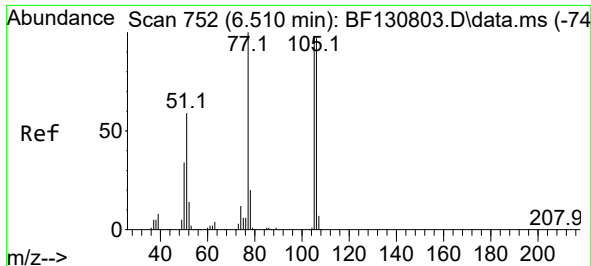
Reviewed By :Christian Giraldo 11/07/2022
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#8
2-Chlorophenol
Concen: 50.423 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion:128 Resp: 214797
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 56.8 31.3 71.3





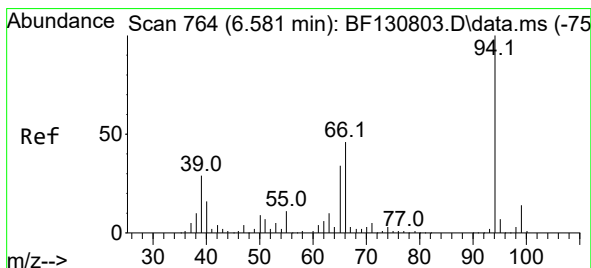
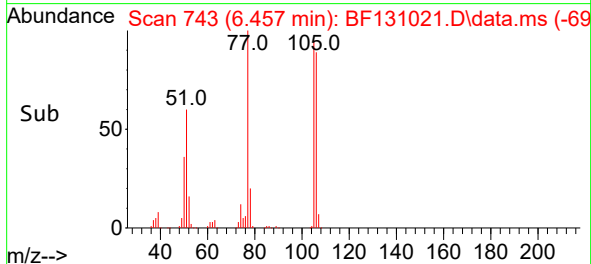
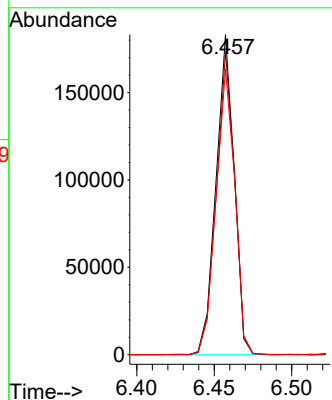
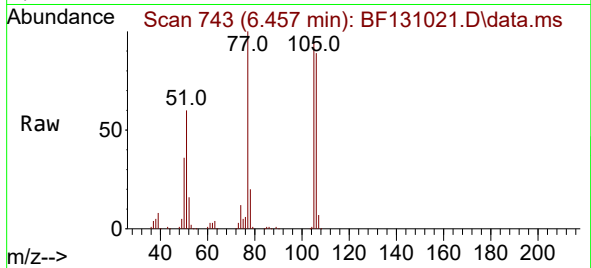
#9
Benzaldehyde
Concen: 46.824 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 148920
Ion Ratio Lower Upper
77 100
105 94.7 78.2 118.2
106 89.3 76.6 116.6

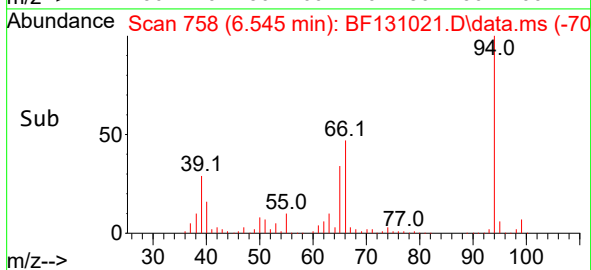
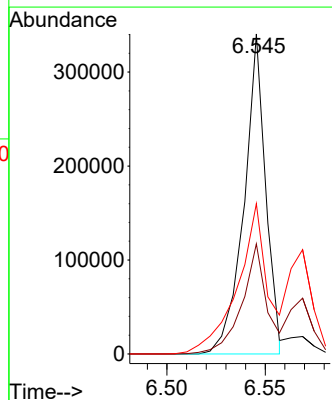
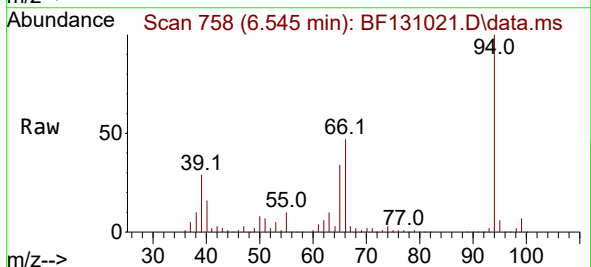
Manual Integrations
APPROVED

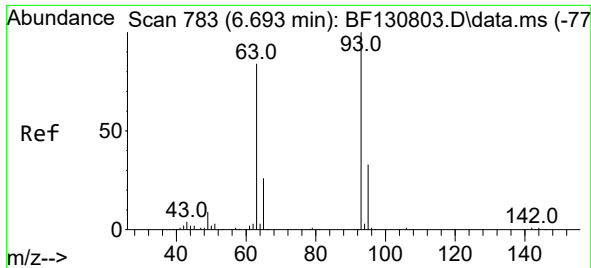
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#10
Phenol
Concen: 48.891 ng m
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion: 94 Resp: 261446
Ion Ratio Lower Upper
94 100
65 34.4 13.7 53.7
66 46.9 26.5 66.5





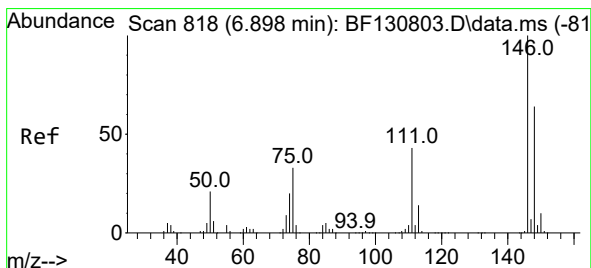
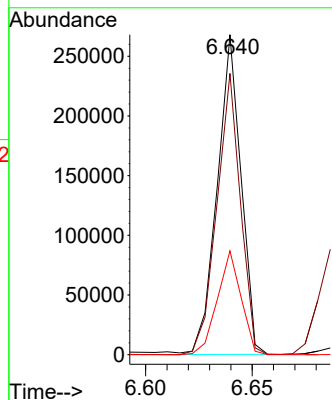
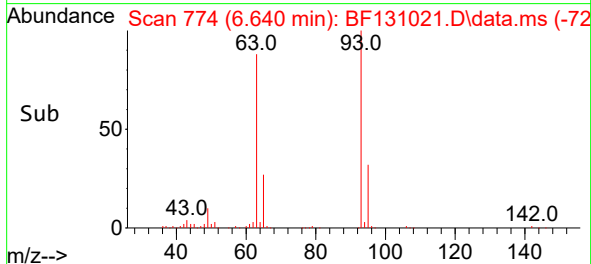
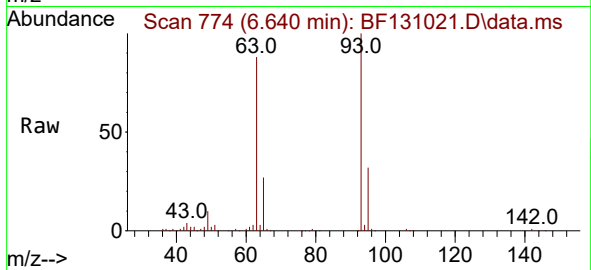
#11
bis(2-Chloroethyl)ether
Concen: 49.948 ng
RT: 6.640 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion: 93 Resp: 208210
Ion Ratio Lower Upper
93 100
63 87.9 63.4 103.4
95 32.4 12.6 52.6

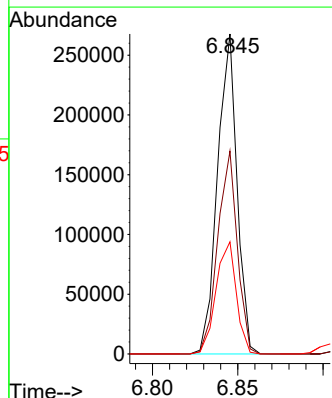
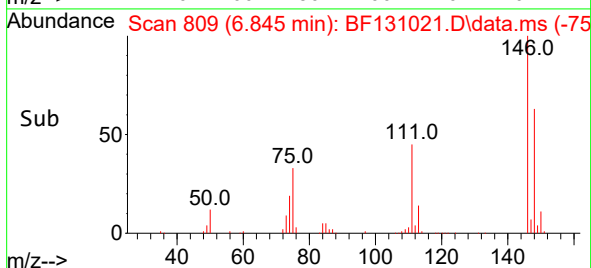
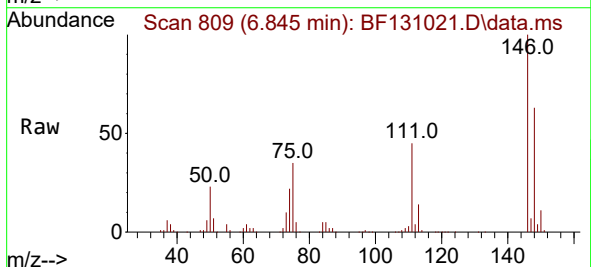
Manual Integrations
APPROVED

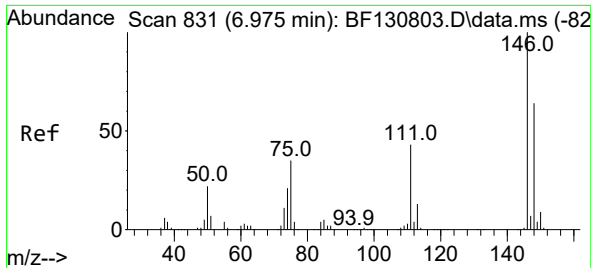
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#12
1,3-Dichlorobenzene
Concen: 44.197 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

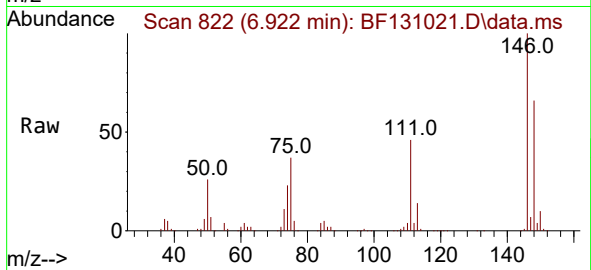
Tgt Ion:146 Resp: 213345
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 35.1 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 43.853 ng
RT: 6.922 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

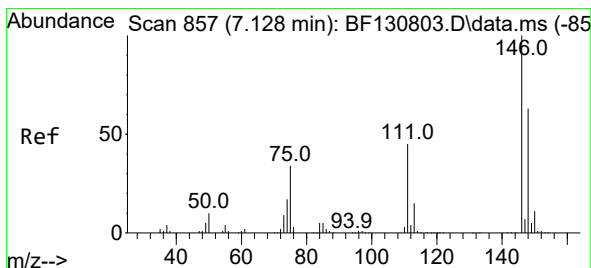
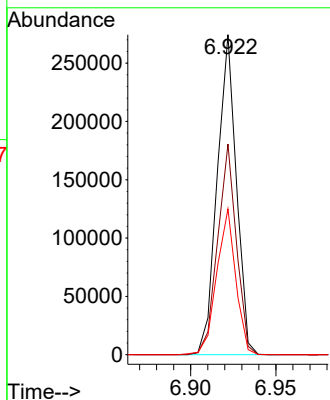
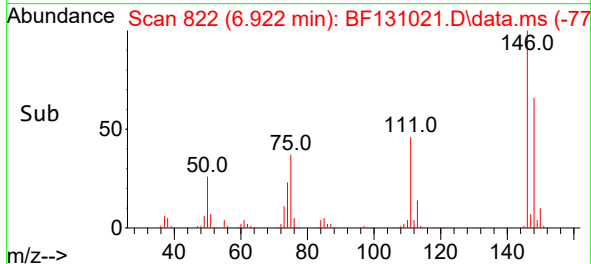
Instrument :
BNA_F
ClientSampleId :
SB-2MS



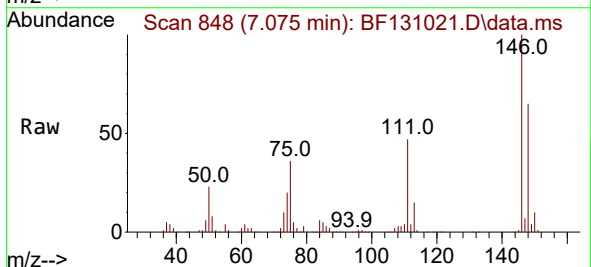
Tgt Ion:146 Resp: 21486
Ion Ratio Lower Upper
146 100
148 65.8 51.3 76.9
111 45.6 34.6 51.8

Manual Integrations
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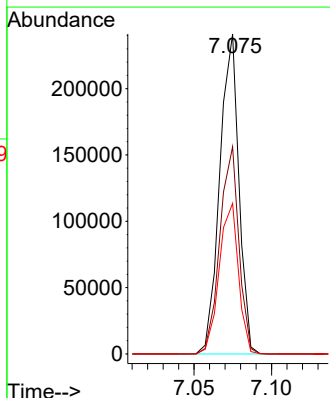
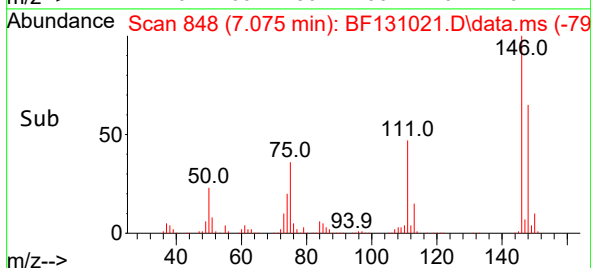
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

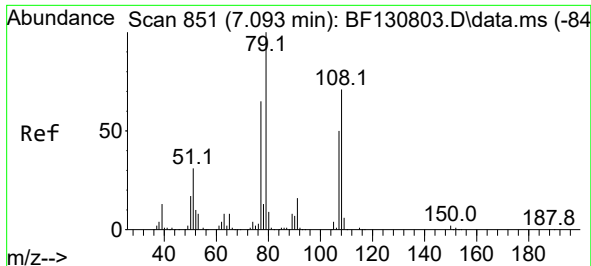


#14
1,2-Dichlorobenzene
Concen: 45.605 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



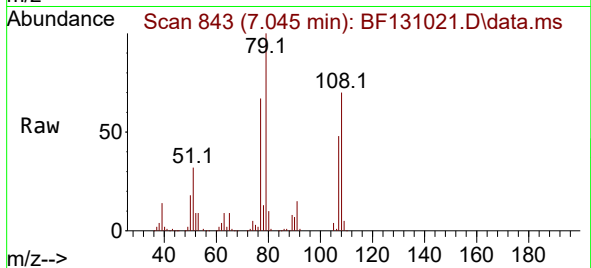
Tgt Ion:146 Resp: 206949
Ion Ratio Lower Upper
146 100
148 64.8 50.6 76.0
111 47.1 36.3 54.5





#15
Benzyl Alcohol
Concen: 44.666 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

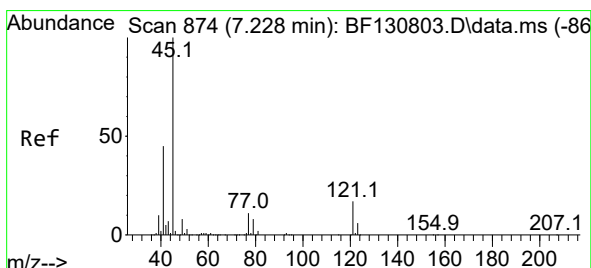
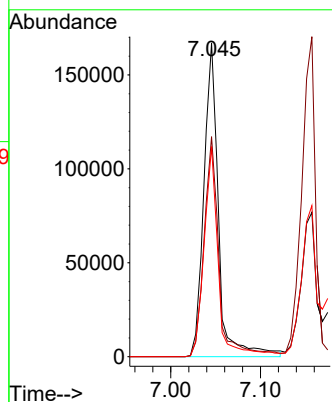
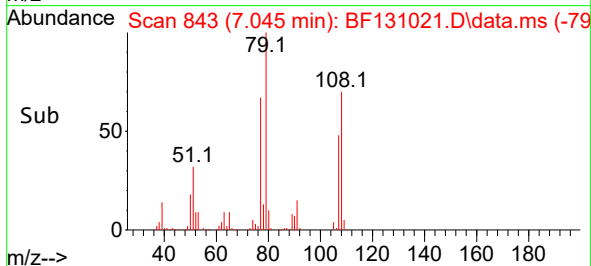
Instrument :
BNA_F
ClientSampleId :
SB-2MS



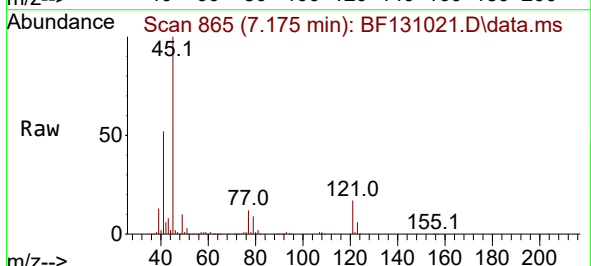
Tgt Ion: 79 Resp: 188735
Ion Ratio Lower Upper
79 100
108 70.1 56.4 84.6
77 66.9 51.8 77.8

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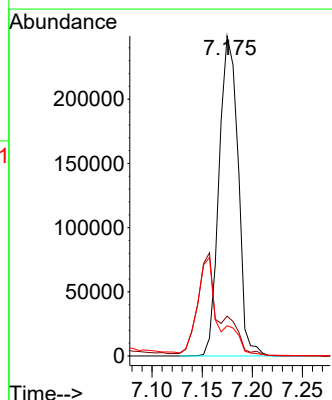
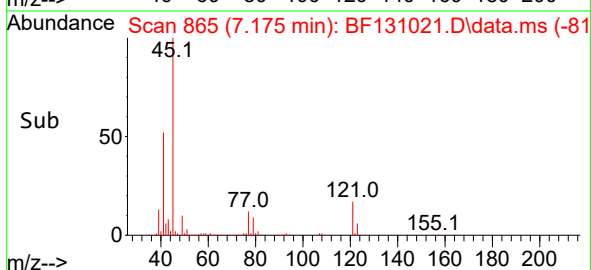
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

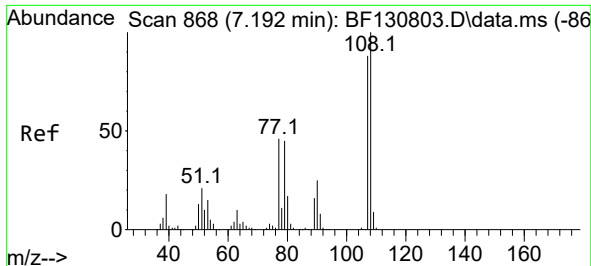


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.056 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



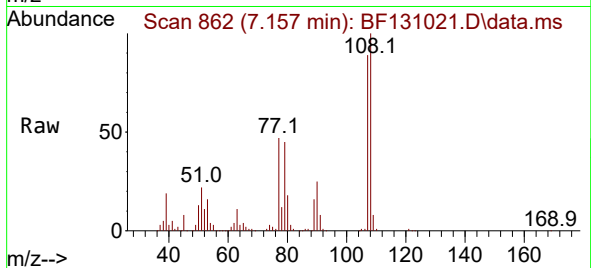
Tgt Ion: 45 Resp: 327368
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.2
79 9.5 0.0 28.4





#17
2-Methylphenol
Concen: 43.613 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

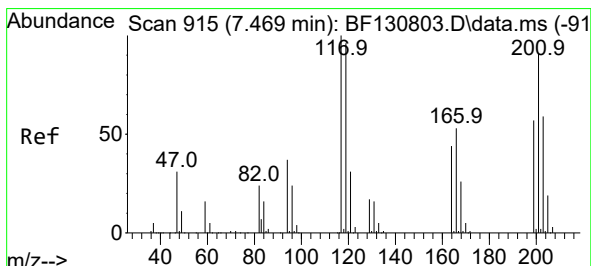
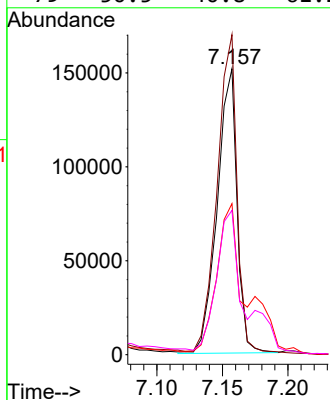
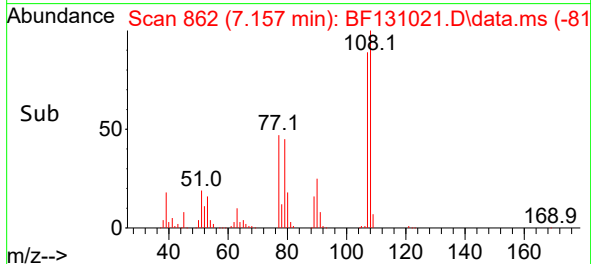
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:107 Resp: 158790
Ion Ratio Lower Upper
107 100
108 111.9 90.5 135.7
77 52.8 41.2 61.8
79 50.5 40.8 61.2

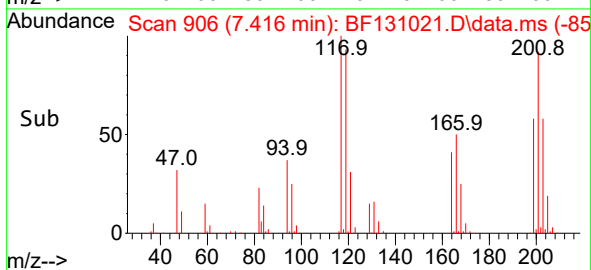
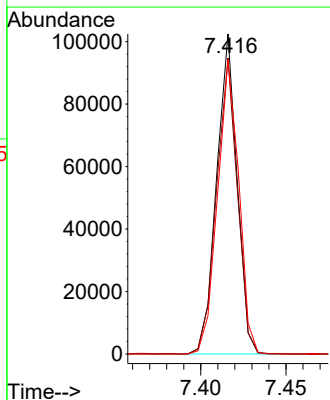
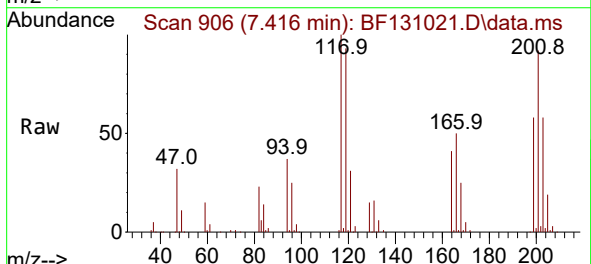
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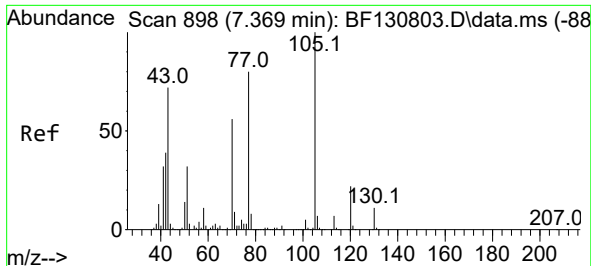
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#18
Hexachloroethane
Concen: 48.189 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

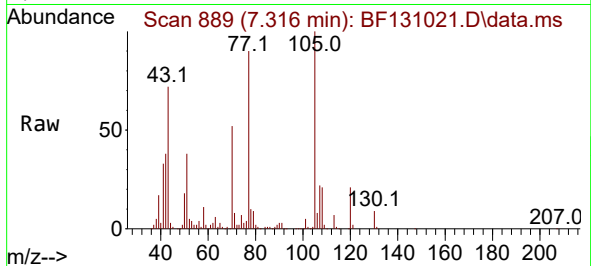
Tgt Ion:117 Resp: 85335
Ion Ratio Lower Upper
117 100
119 92.5 77.1 115.7
201 91.9 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.280 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

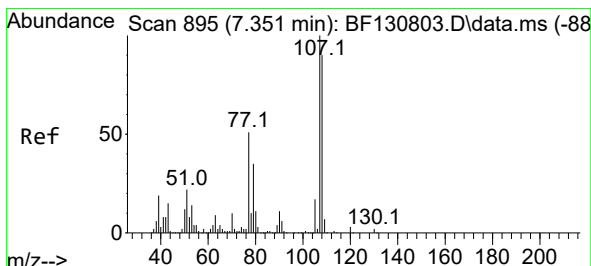
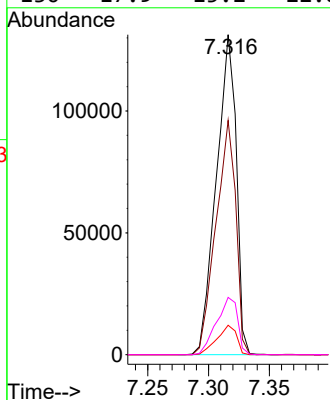
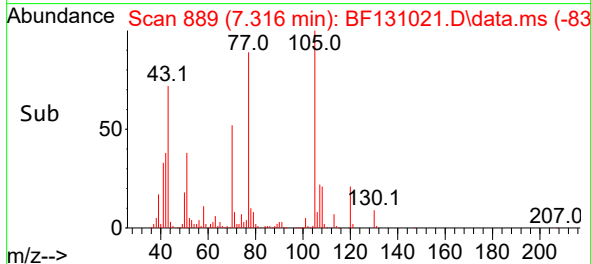
Instrument :
BNA_F
ClientSampleId :
SB-2MS



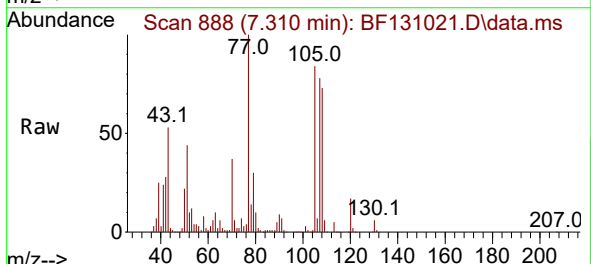
Tgt Ion: 70 Resp: 149714
Ion Ratio Lower Upper
70 100
42 73.2 56.1 84.1
101 9.2 7.3 10.9
130 17.9 15.2 22.8

Manual Integrations
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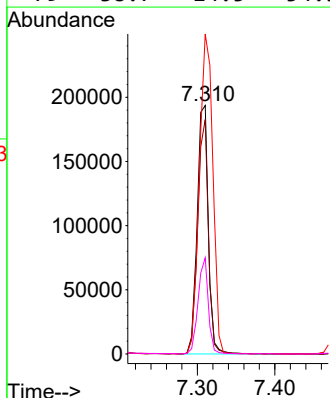
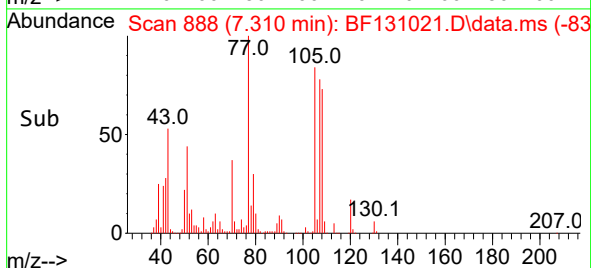
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

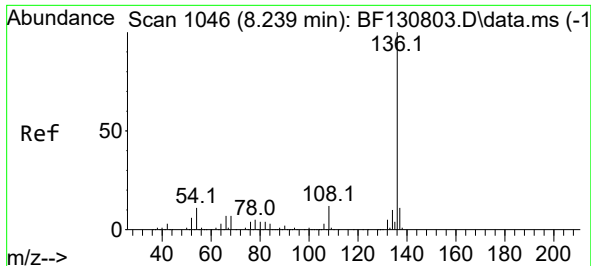


#20
3+4-Methylphenols
Concen: 40.916 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



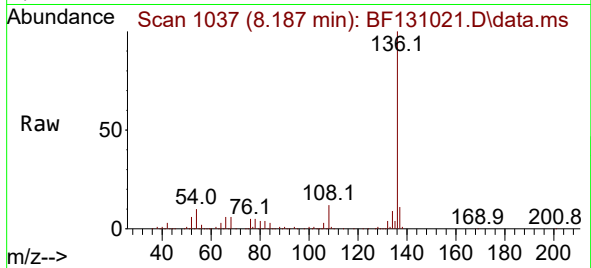
Tgt Ion:107 Resp: 193698
Ion Ratio Lower Upper
107 100
108 94.4 70.4 110.4
77 128.8 31.1 71.1#
79 38.7 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

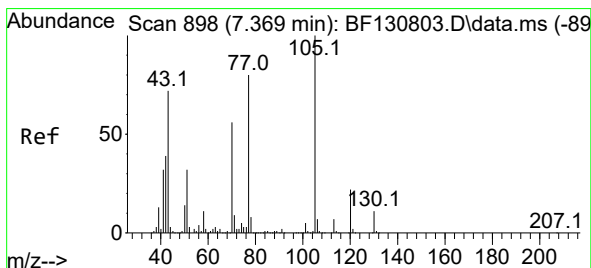
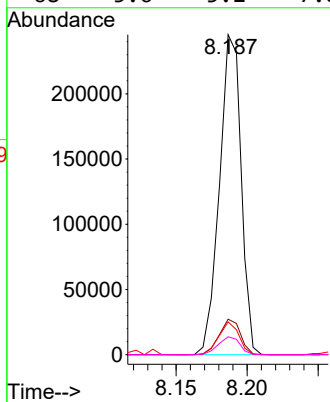
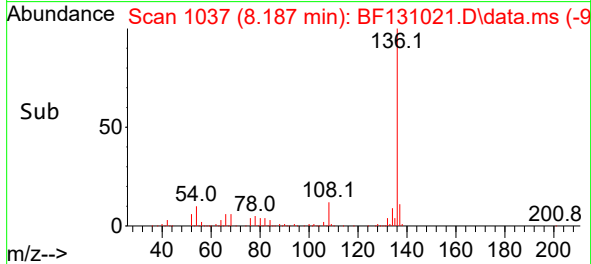
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:136 Resp: 260111
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.2 8.8 13.2
68 5.6 5.2 7.8

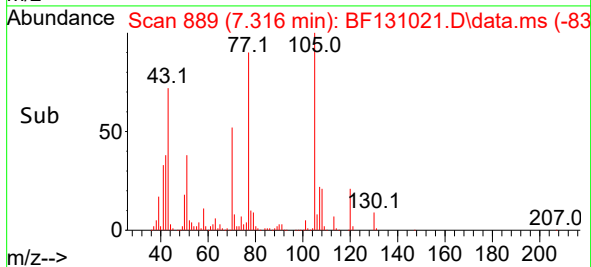
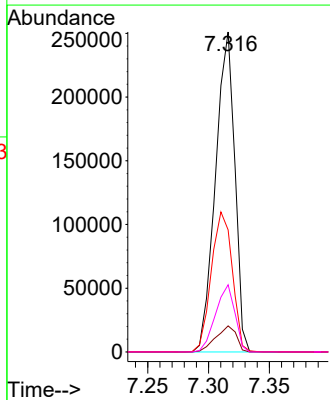
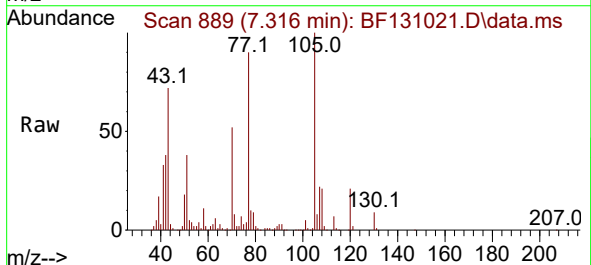
Manual Integrations
APPROVED

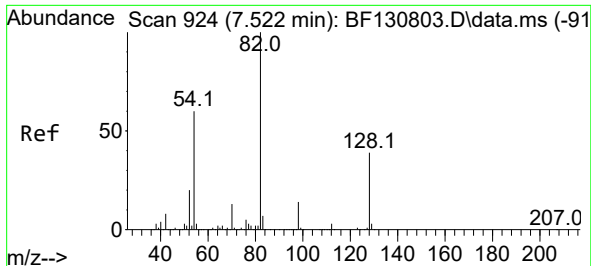
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#22
Acetophenone
Concen: 43.942 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion:105 Resp: 277127
Ion Ratio Lower Upper
105 100
71 8.2 7.2 10.8
51 38.1 25.9 38.9
120 21.0 17.9 26.9





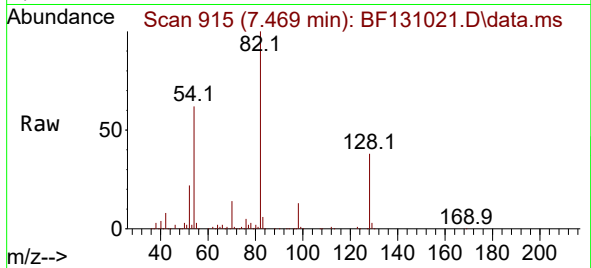
#23
Nitrobenzene-d5
Concen: 83.785 ng
RT: 7.469 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

SB-2MS

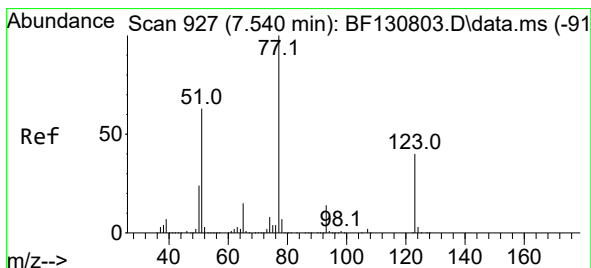
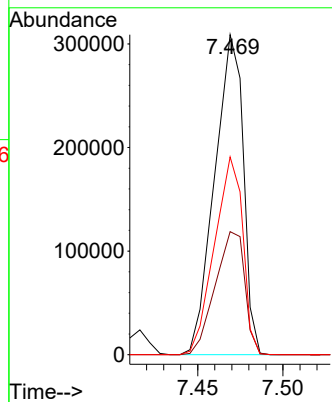
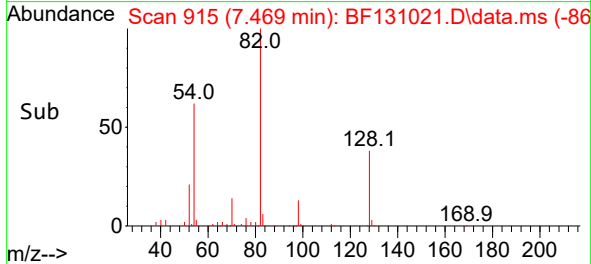


Tgt Ion: 82 Resp: 361428
Ion Ratio Lower Upper
82 100
128 38.4 31.2 46.8
54 61.8 48.0 72.0

Manual Integrations

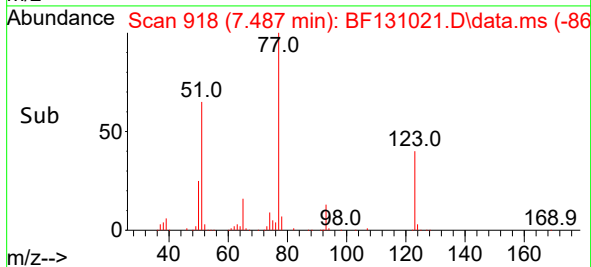
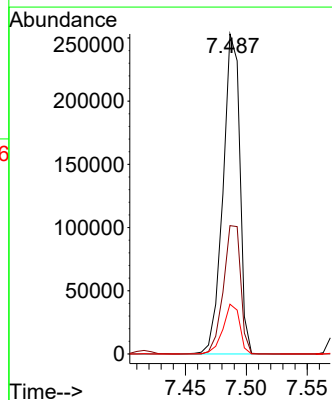
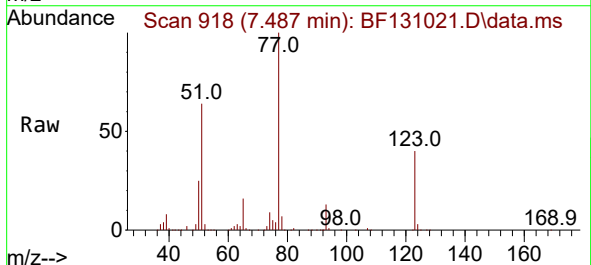
APPROVED

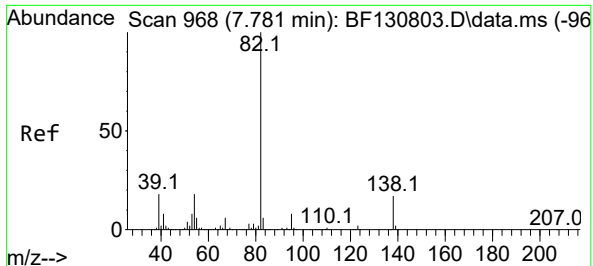
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#24
Nitrobenzene
Concen: 51.693 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

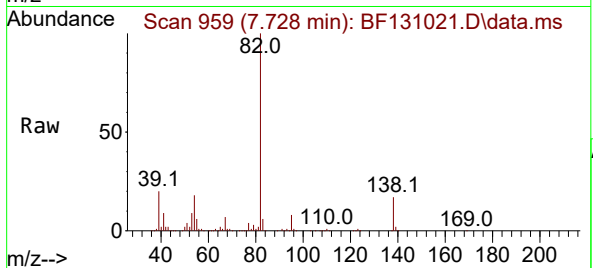
Tgt Ion: 77 Resp: 243836
Ion Ratio Lower Upper
77 100
123 40.1 32.2 48.2
65 15.6 12.0 18.0





#25
Isophorone
Concen: 48.506 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

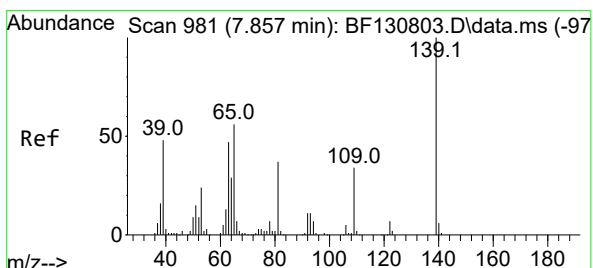
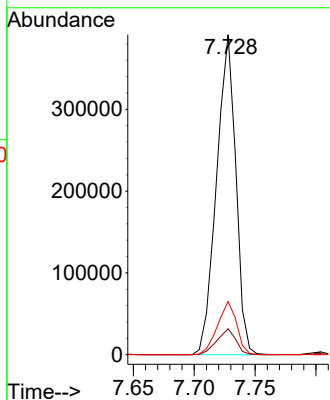
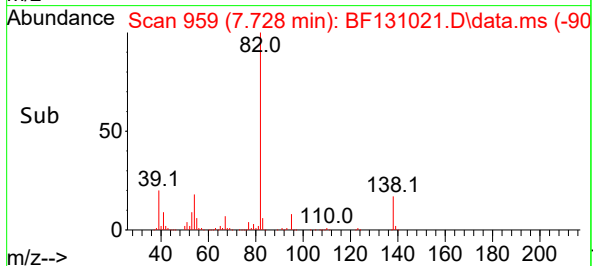
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion: 82 Resp: 431490
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 16.6 13.8 20.6

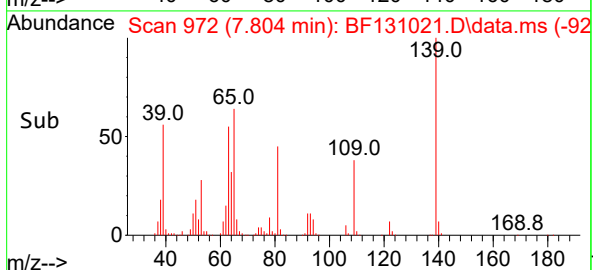
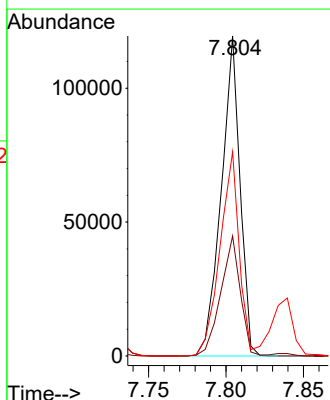
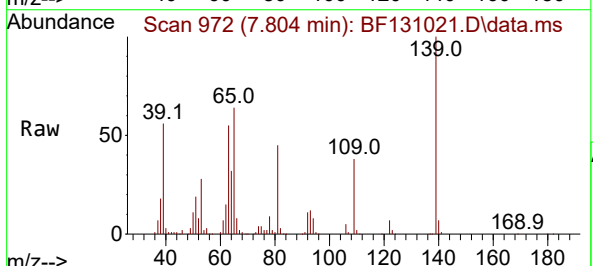
Manual Integrations
APPROVED

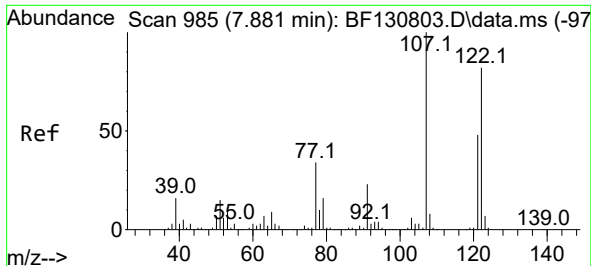
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#26
2-Nitrophenol
Concen: 53.704 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

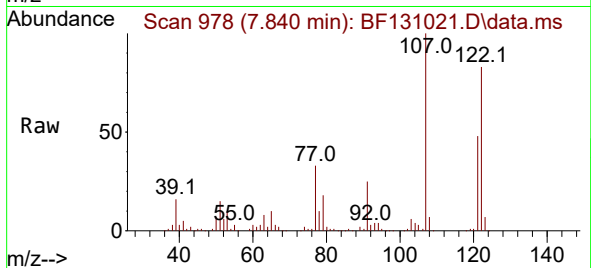
Tgt Ion:139 Resp: 100863
Ion Ratio Lower Upper
139 100
109 37.5 27.3 40.9
65 63.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 47.478 ng
RT: 7.840 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

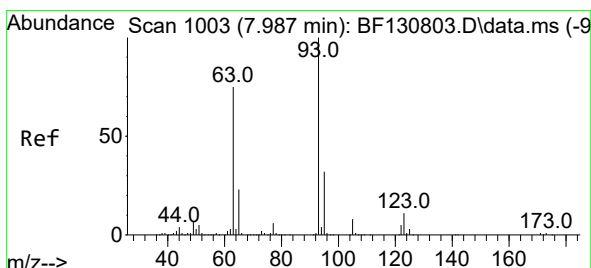
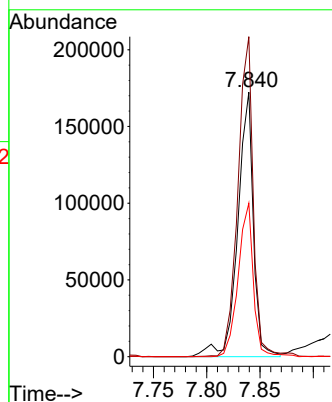
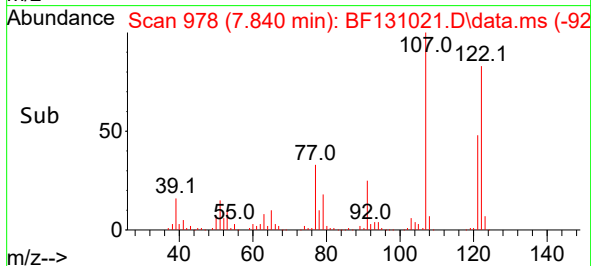
Instrument :
BNA_F
ClientSampleId :
SB-2MS



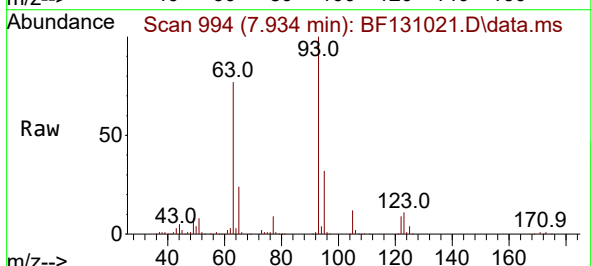
Tgt Ion:122 Resp: 17577
Ion Ratio Lower Upper
122 100
107 121.0 97.1 145.7
121 58.0 46.9 70.3

Manual Integrations
APPROVED

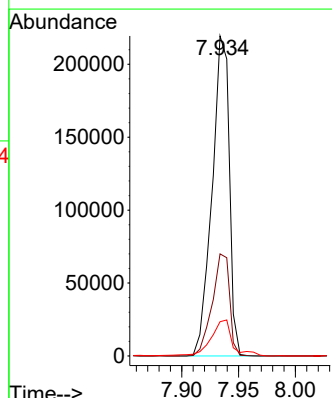
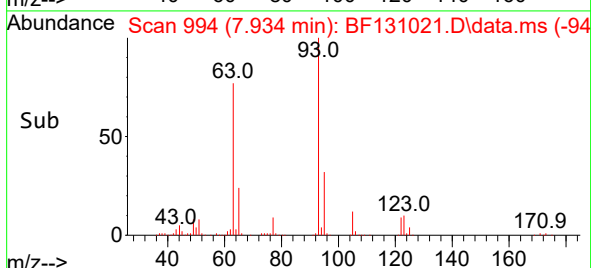
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

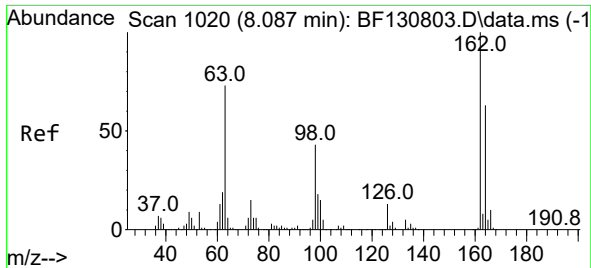


#28
bis(2-Chloroethoxy)methane
Concen: 46.503 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



Tgt Ion: 93 Resp: 231028
Ion Ratio Lower Upper
93 100
95 31.9 25.7 38.5
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.868 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:162 Resp: 163259

Ion Ratio Lower Upper

162 100

164 63.9 43.2 83.2

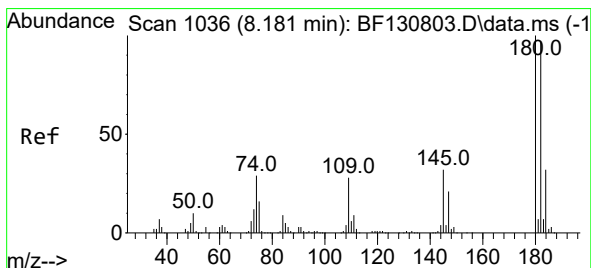
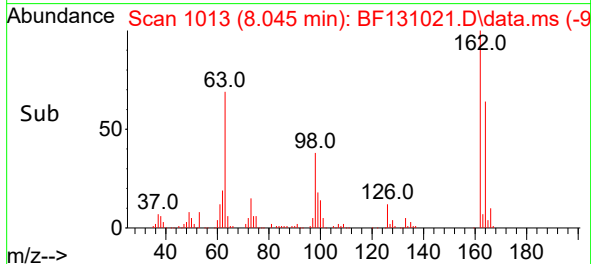
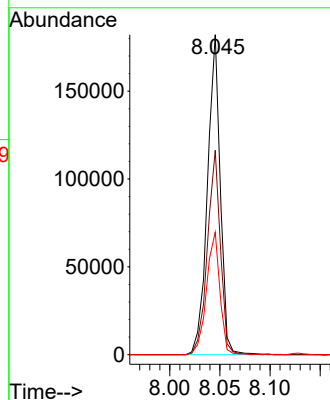
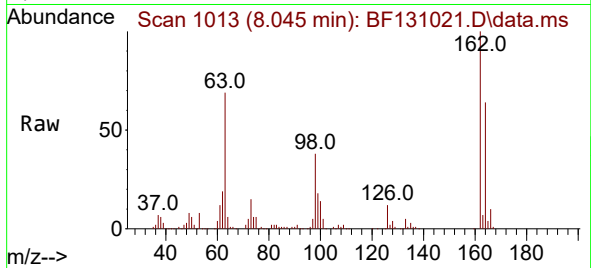
98 38.3 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.150 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

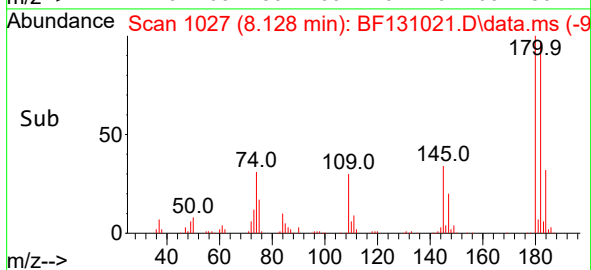
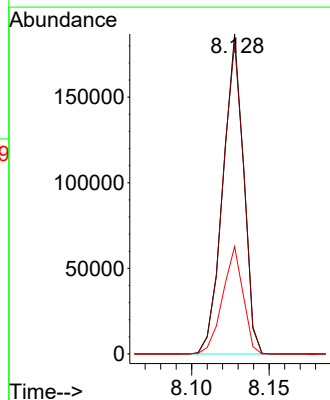
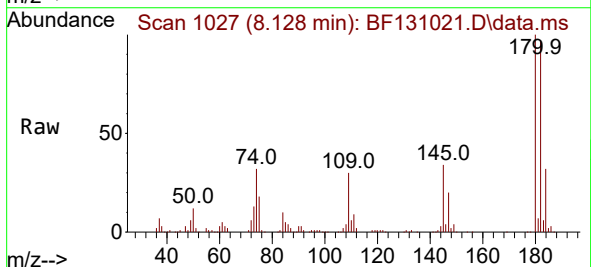
Tgt Ion:180 Resp: 172615

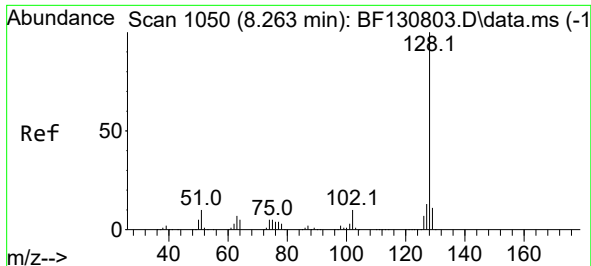
Ion Ratio Lower Upper

180 100

182 97.4 77.7 116.5

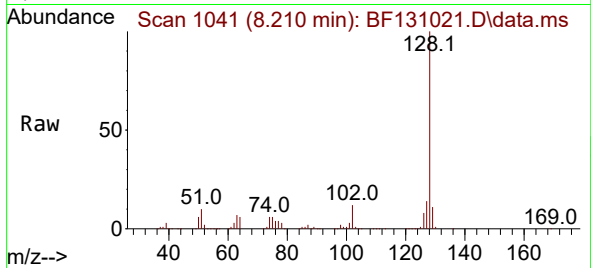
145 33.6 25.9 38.9





#31
Naphthalene
Concen: 42.413 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

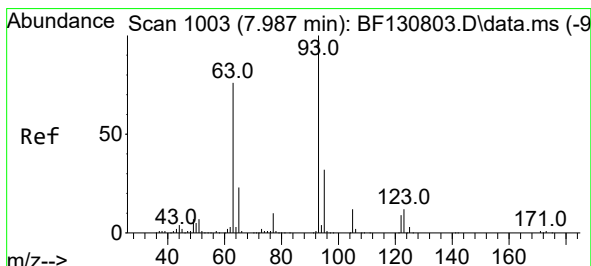
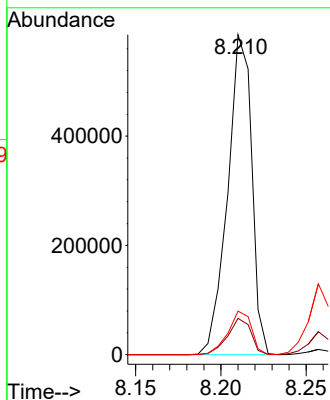
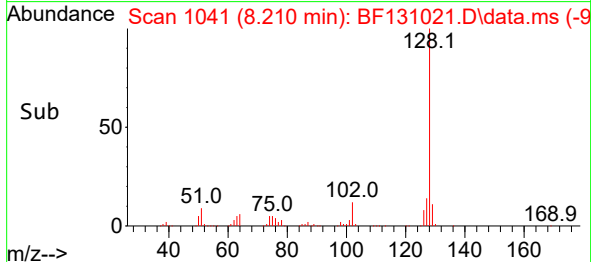
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:128 Resp: 57558
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.6 16.0

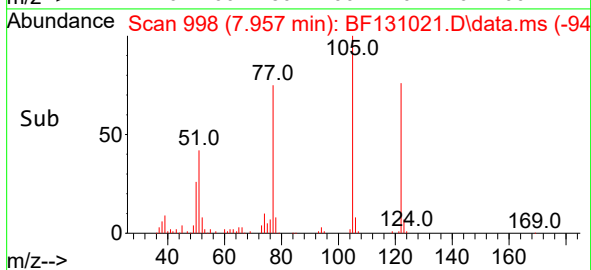
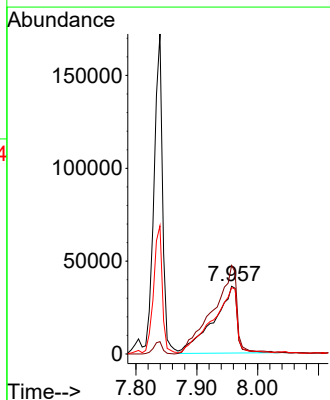
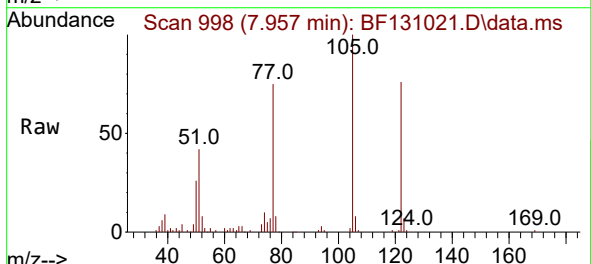
Manual Integrations
APPROVED

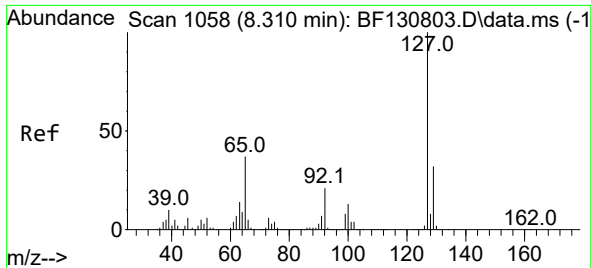
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#32
Benzoic acid
Concen: 38.992 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion:122 Resp: 98078
Ion Ratio Lower Upper
122 100
105 130.7 114.5 154.5
77 98.1 89.8 129.8





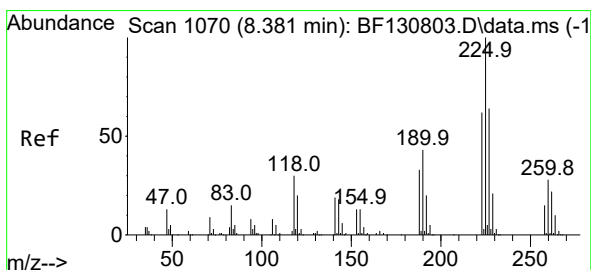
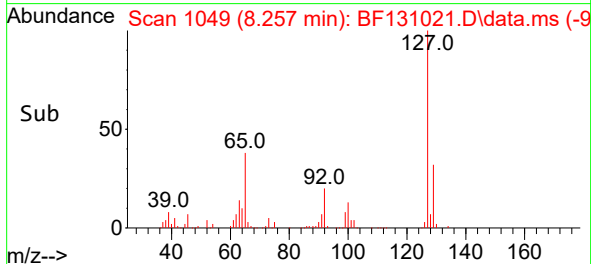
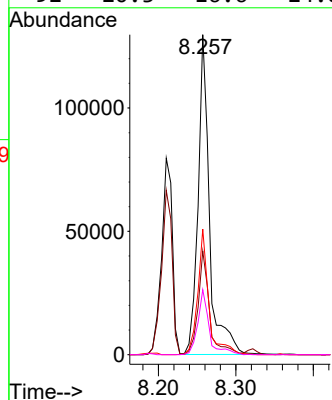
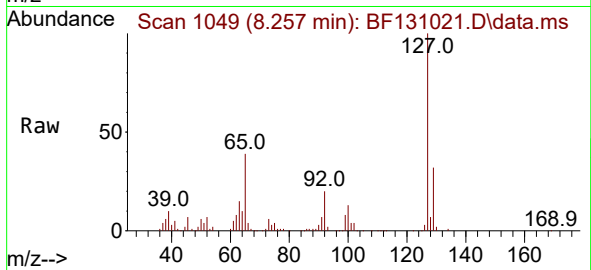
#33
4-Chloroaniline
Concen: 24.877 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:	127	Resp:	13340
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.6	38.4
65	39.3	29.4	44.2
92	20.3	16.6	24.8

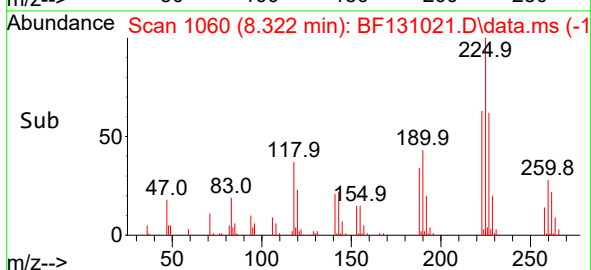
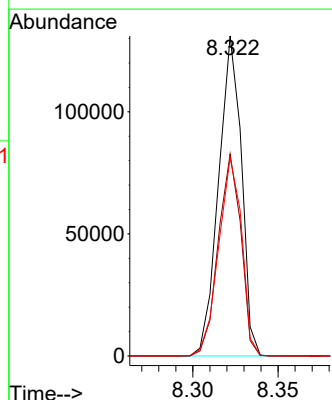
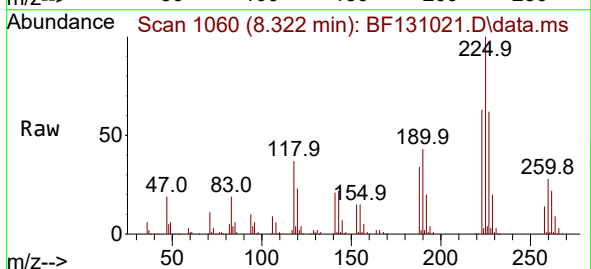
Manual Integrations
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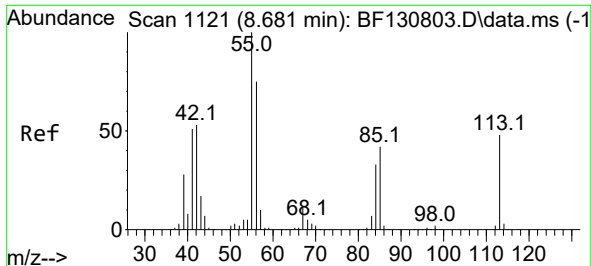
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#34
Hexachlorobutadiene
Concen: 44.838 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

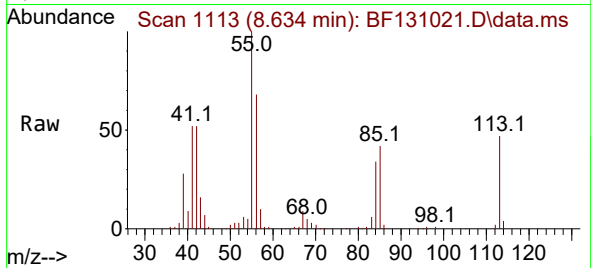
Tgt Ion:	225	Resp:	121893
Ion Ratio	Lower	Upper	
225	100		
223	63.1	49.9	74.9
227	62.0	51.5	77.3





#35
 Caprolactam
 Concen: 45.997 ng m
 RT: 8.634 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57

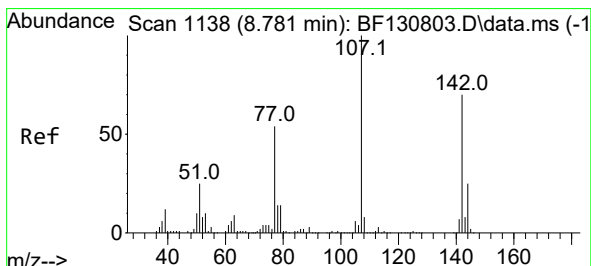
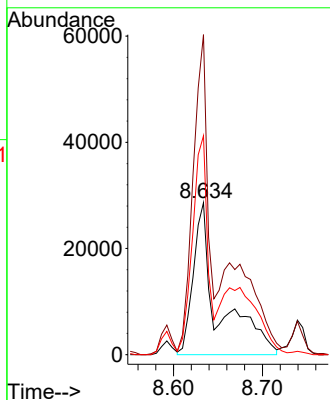
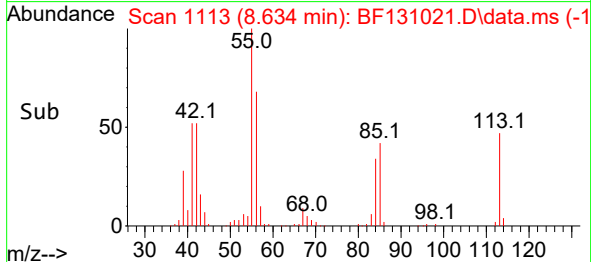
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS



Tgt Ion:113 Resp: 5613
 Ion Ratio Lower Upper
 113 100
 55 210.5 187.0 227.0
 56 144.0 134.2 174.2

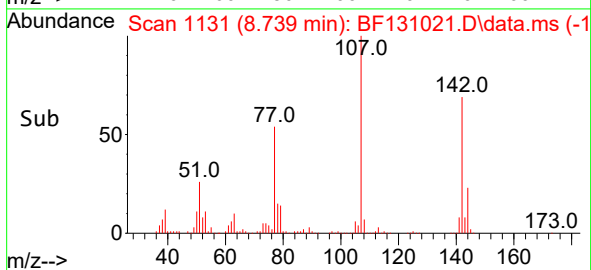
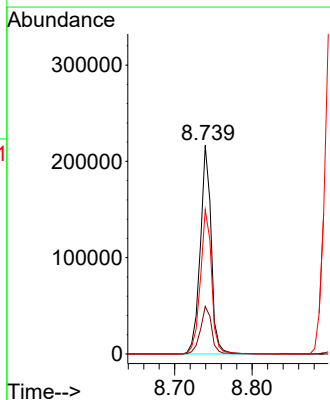
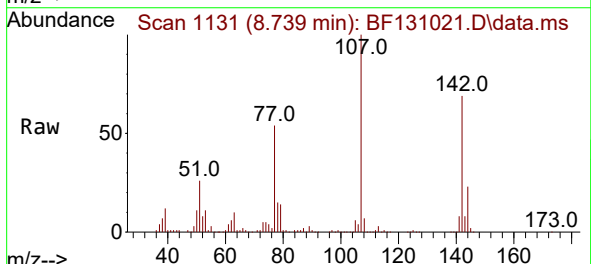
Manual Integrations
 APPROVED

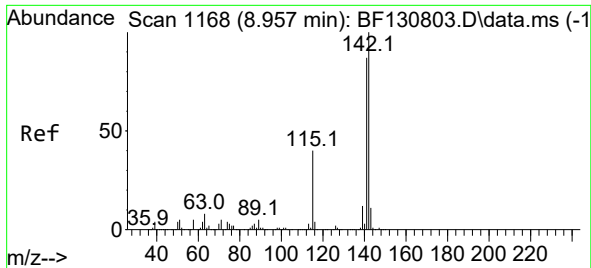
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022



#36
 4-Chloro-3-methylphenol
 Concen: 51.194 ng
 RT: 8.739 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57

Tgt Ion:107 Resp: 211485
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.8 29.8
 142 69.2 56.0 84.0





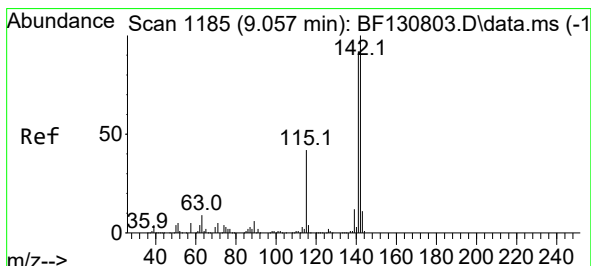
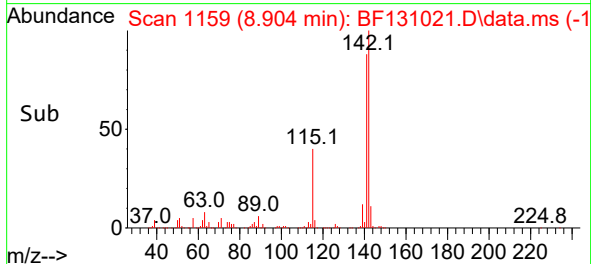
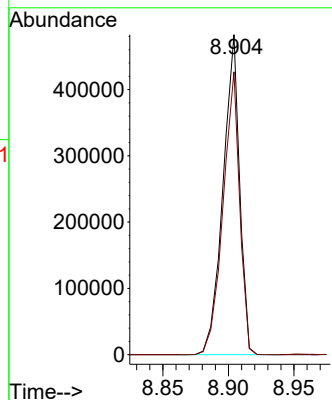
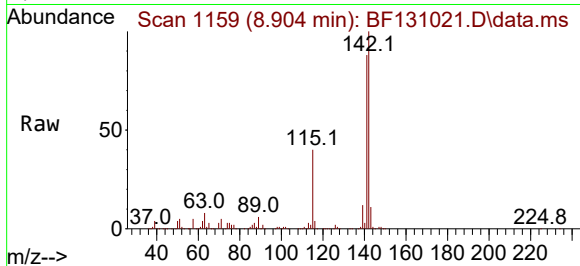
#37
2-Methylnaphthalene
Concen: 49.657 ng
RT: 8.904 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:142 Resp: 423890
Ion Ratio Lower Upper
142 100
141 88.4 69.9 104.9

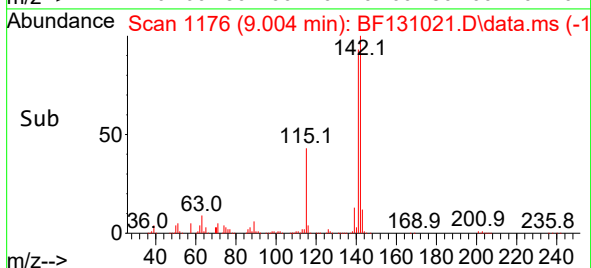
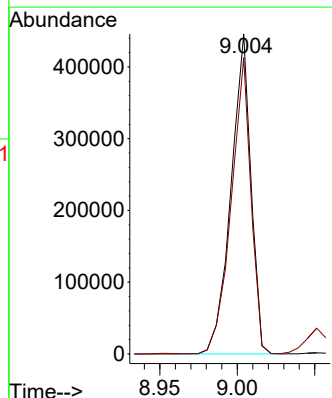
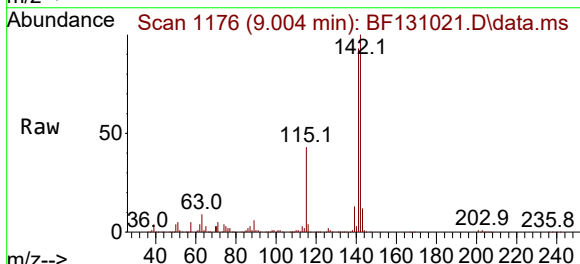
Manual Integrations
APPROVED

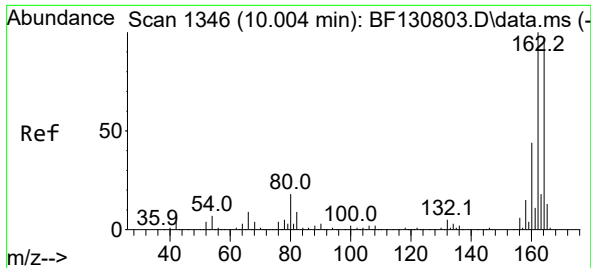
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#38
1-Methylnaphthalene
Concen: 47.828 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

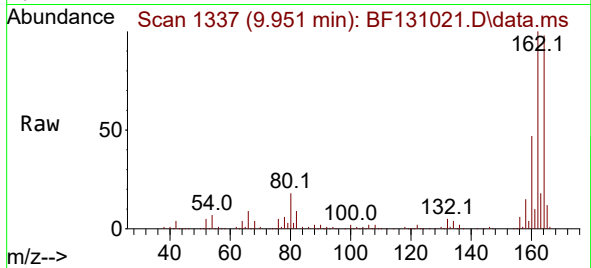
Tgt Ion:142 Resp: 397334
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

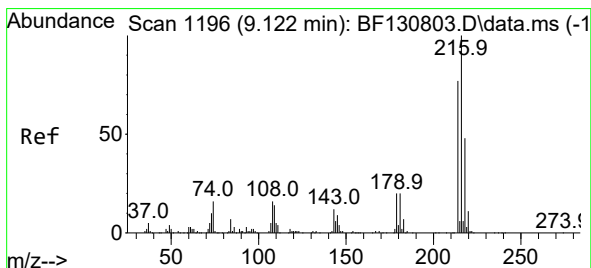
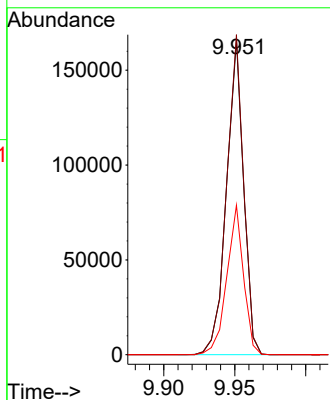
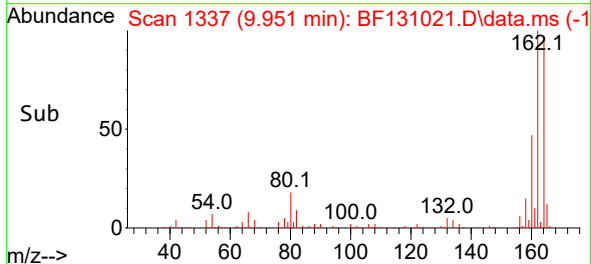
Instrument :
BNA_F
ClientSampleId :
SB-2MS



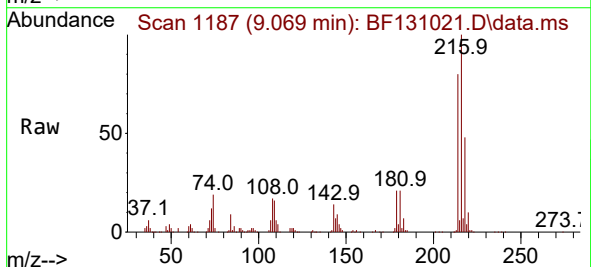
Tgt Ion:164 Resp: 13896
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.2
160 47.5 36.6 54.8

Manual Integrations
APPROVED

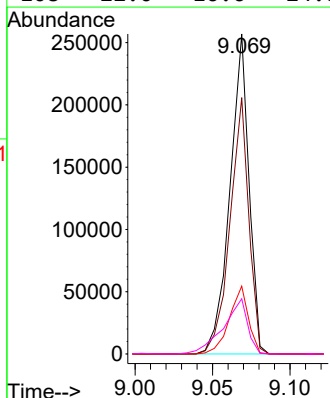
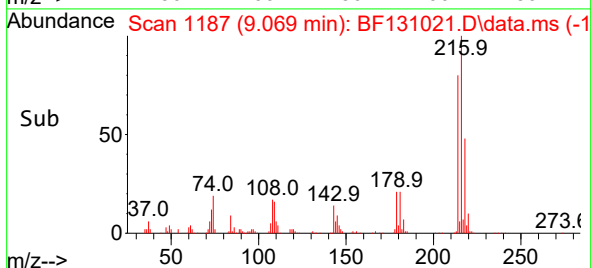
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

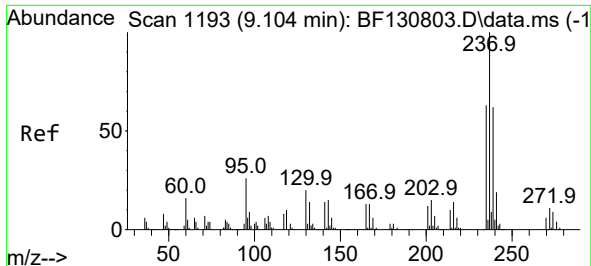


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.608 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



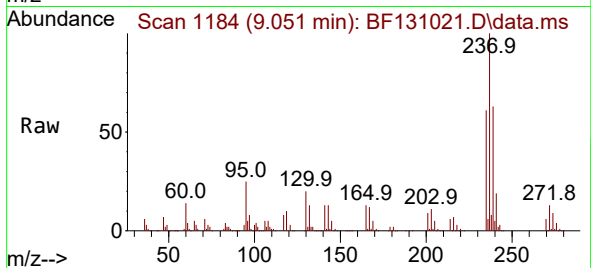
Tgt Ion:216 Resp: 219135
Ion Ratio Lower Upper
216 100
214 79.0 62.7 94.1
179 21.2 16.9 25.3
108 22.0 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 128.334 ng
RT: 9.051 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

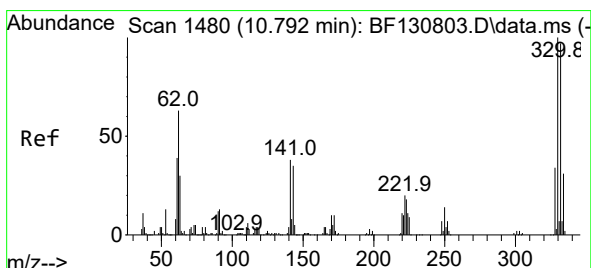
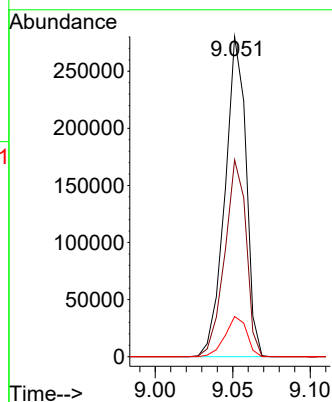
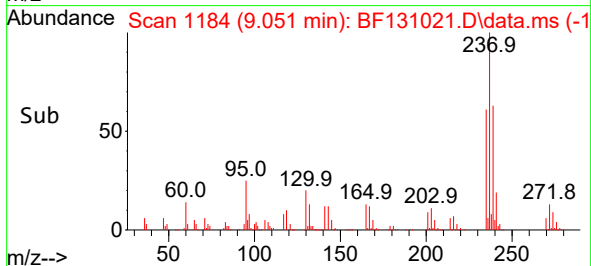
Instrument :
BNA_F
ClientSampleId :
SB-2MS



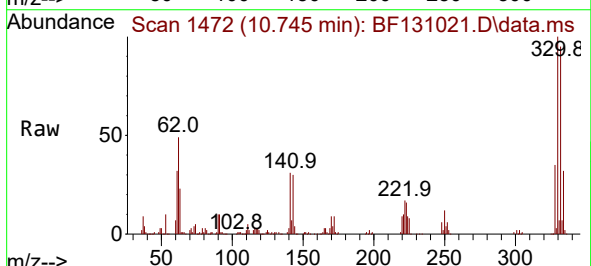
Tgt Ion:237 Resp: 265724
Ion Ratio Lower Upper
237 100
235 61.5 43.5 83.5
272 12.6 0.0 31.4

Manual Integrations
APPROVED

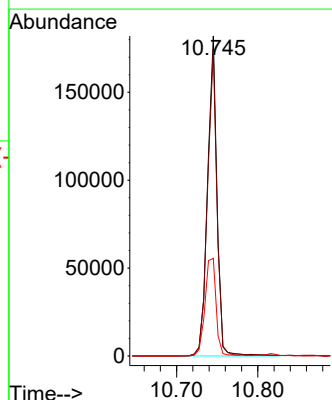
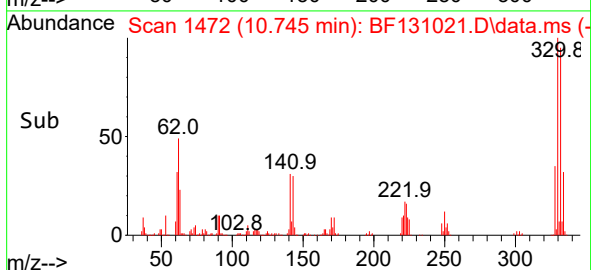
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

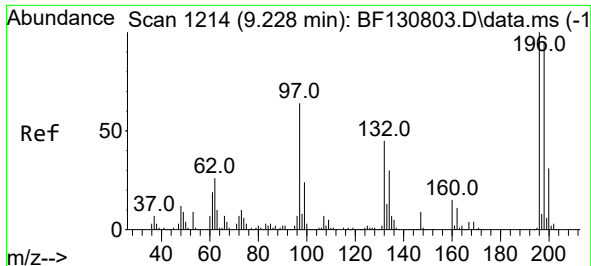


#42
2,4,6-Tribromophenol
Concen: 125.225 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



Tgt Ion:330 Resp: 146487
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 36.1 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 55.298 ng

RT: 9.181 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:196 Resp: 15142

Ion Ratio Lower Upper

196 100

198 91.5 76.1 114.1

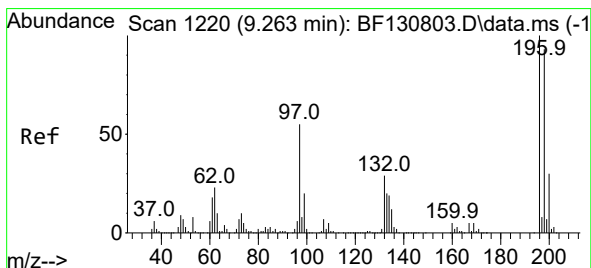
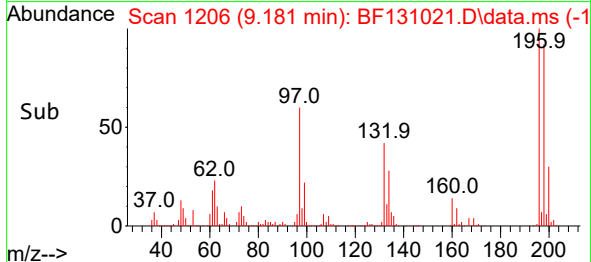
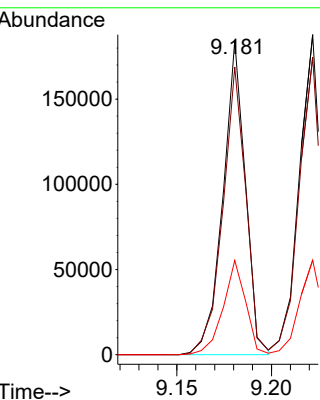
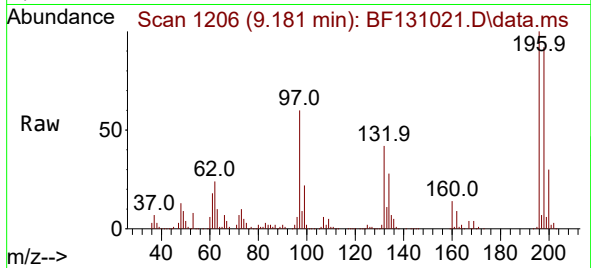
200 30.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#44

2,4,5-Trichlorophenol

Concen: 55.448 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

Tgt Ion:196 Resp: 162216

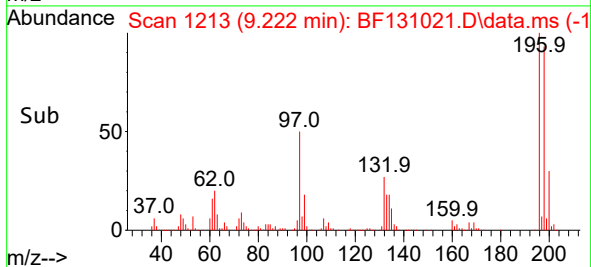
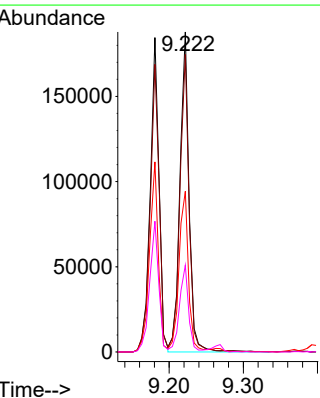
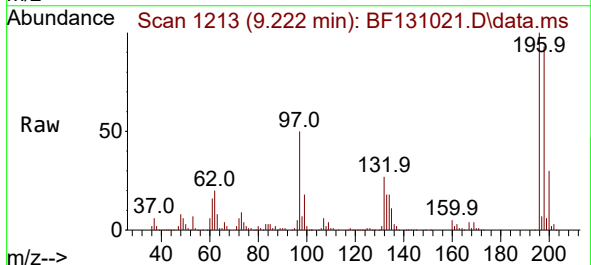
Ion Ratio Lower Upper

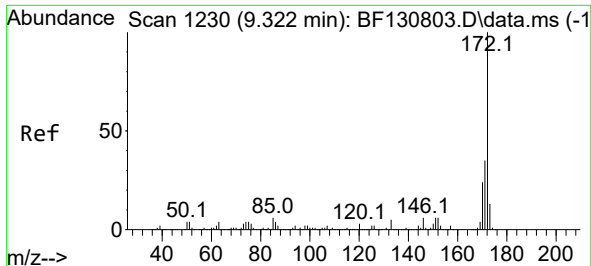
196 100

198 92.9 74.6 112.0

97 50.2 44.7 67.1

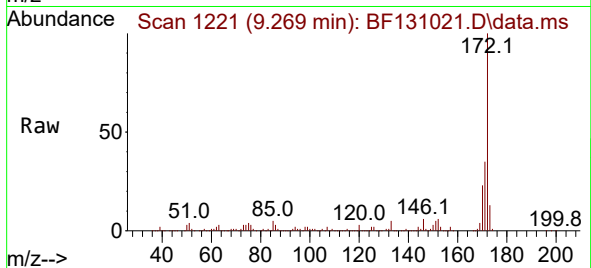
132 27.1 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 82.231 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

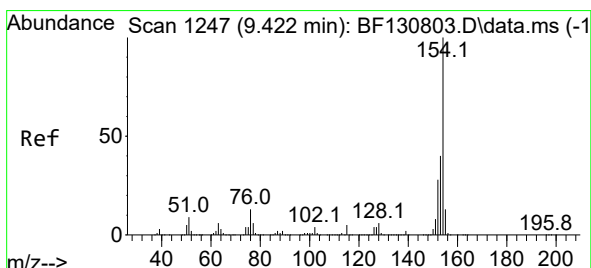
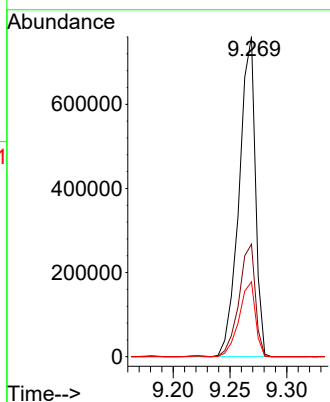
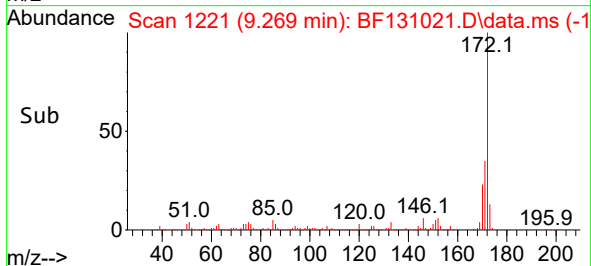
Instrument :
BNA_F
ClientSampleId :
SB-2MS



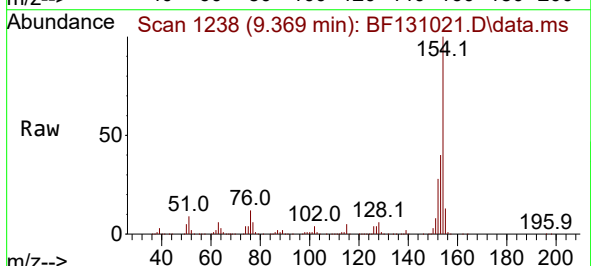
Tgt Ion:172 Resp: 75581
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.4 19.0 28.4

Manual Integrations
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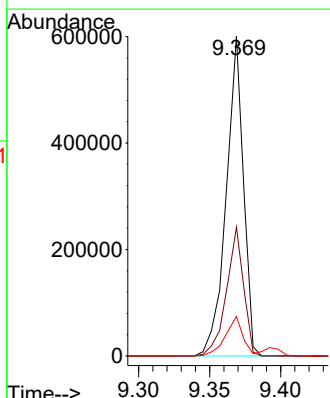
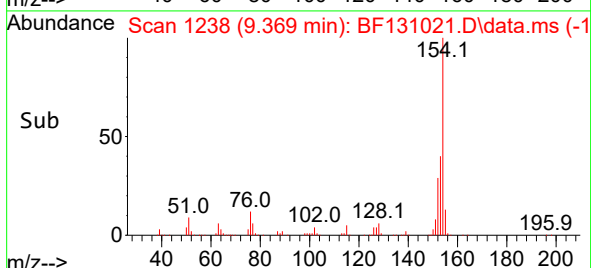
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

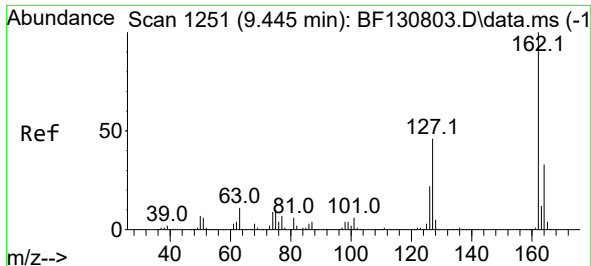


#46
1,1'-Biphenyl
Concen: 51.106 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



Tgt Ion:154 Resp: 505974
Ion Ratio Lower Upper
154 100
153 40.3 19.9 59.9
76 12.3 0.0 32.5





#47

2-Chloronaphthalene

Concen: 49.358 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

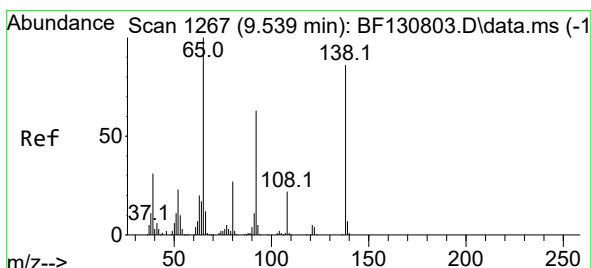
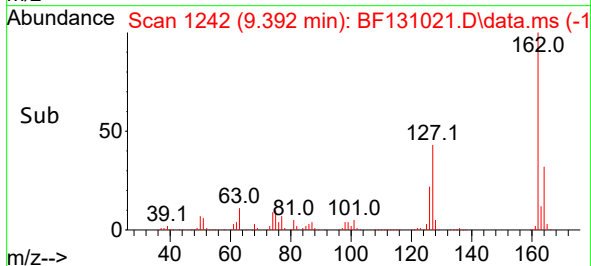
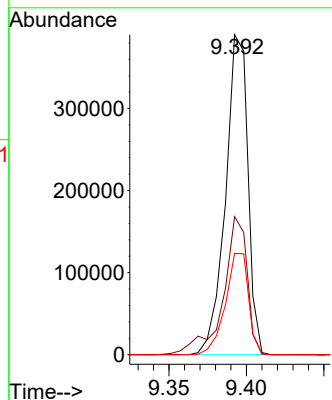
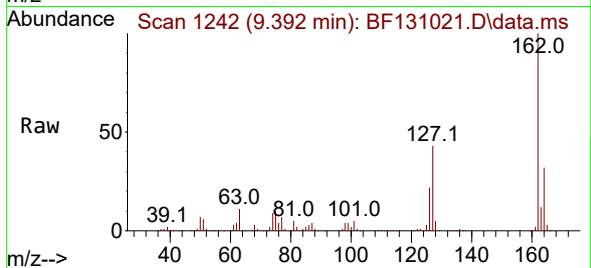
SB-2MS

Tgt Ion:	162	Resp:	391844
Ion	Ratio	Lower	Upper
162	100		
127	43.1	36.6	54.8
164	31.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#48

2-Nitroaniline

Concen: 50.198 ng

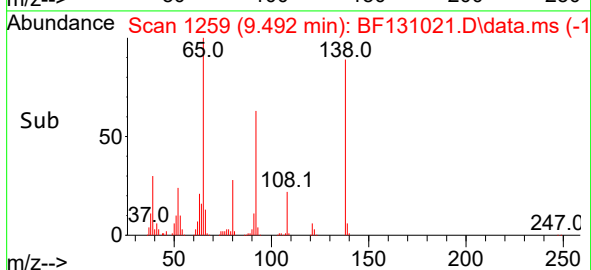
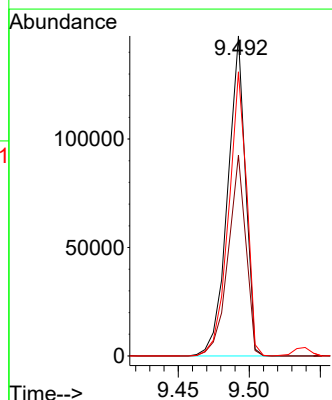
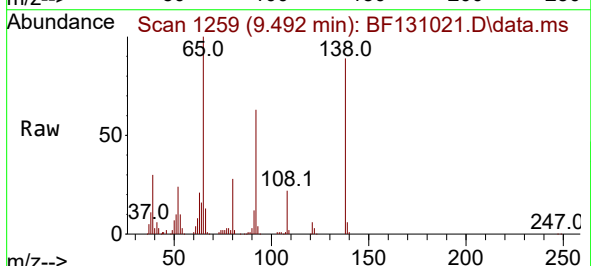
RT: 9.492 min Scan# 1259

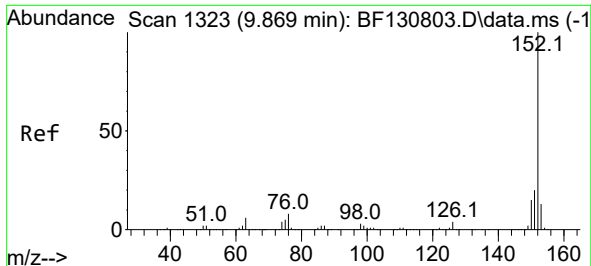
Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

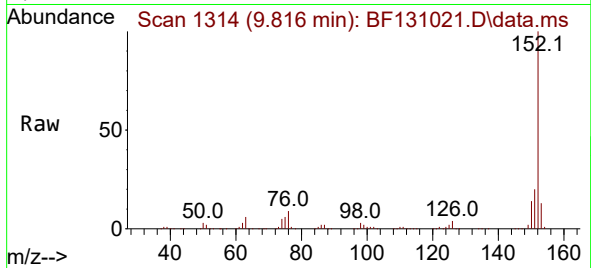
Tgt Ion:	65	Resp:	128674
Ion	Ratio	Lower	Upper
65	100		
92	62.8	50.1	75.1
138	88.8	69.2	103.8





#49
Acenaphthylene
Concen: 42.373 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

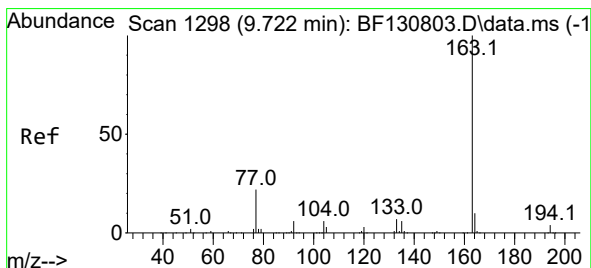
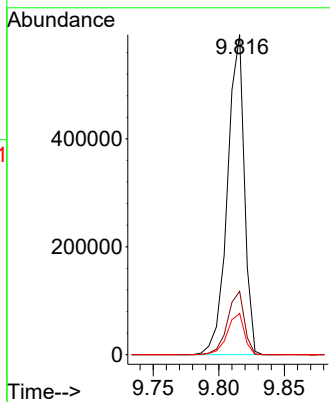
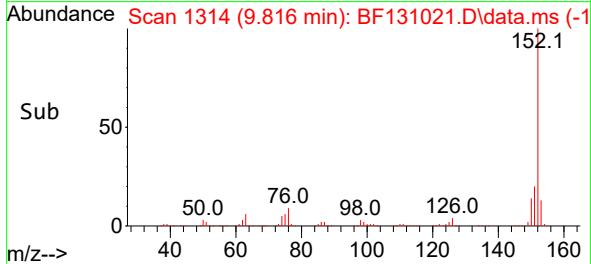
Instrument :
BNA_F
ClientSampleId :
SB-2MS



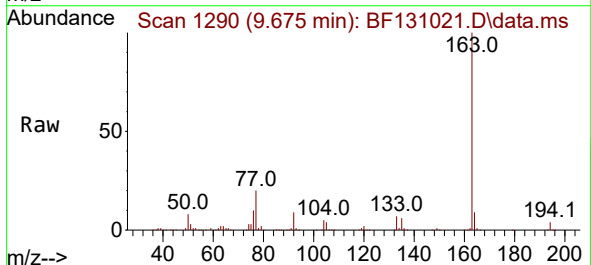
Tgt Ion:152 Resp: 531584
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.2 15.4

Manual Integrations
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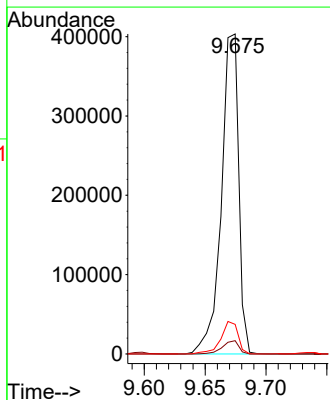
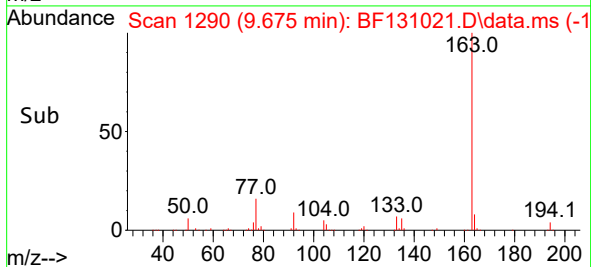
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

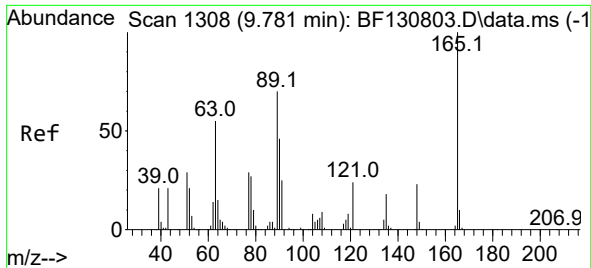


#50
Dimethylphthalate
Concen: 41.953 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



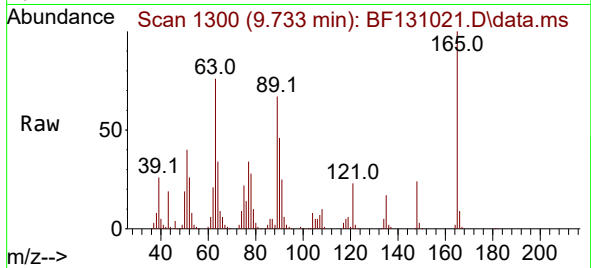
Tgt Ion:163 Resp: 400428
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.550 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

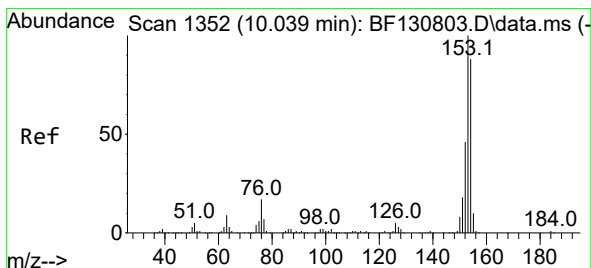
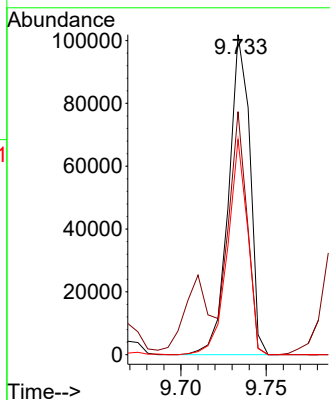
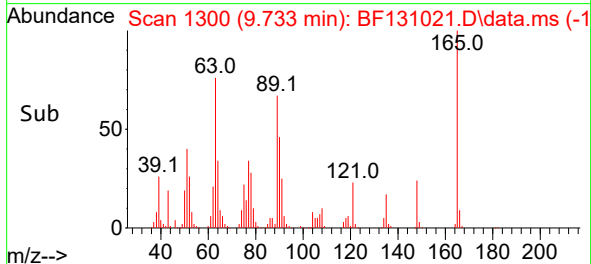
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:165 Resp: 88152
Ion Ratio Lower Upper
165 100
63 76.0 61.8 92.8
89 67.3 56.2 84.4

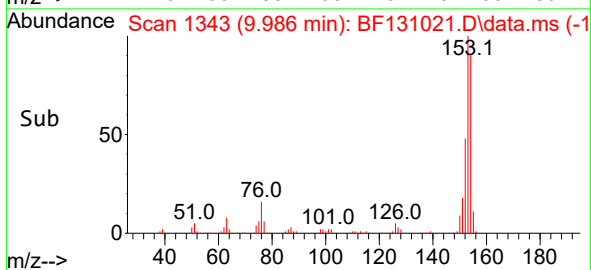
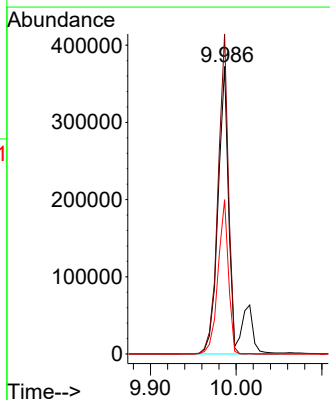
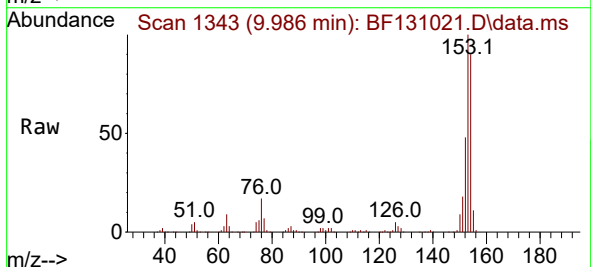
Manual Integrations
APPROVED

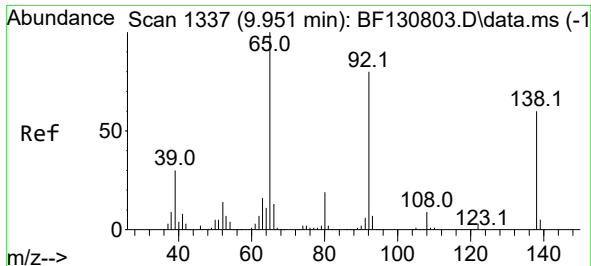
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#52
Acenaphthene
Concen: 48.110 ng m
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion:154 Resp: 373211
Ion Ratio Lower Upper
154 100
153 111.4 90.5 135.7
152 53.7 42.0 63.0





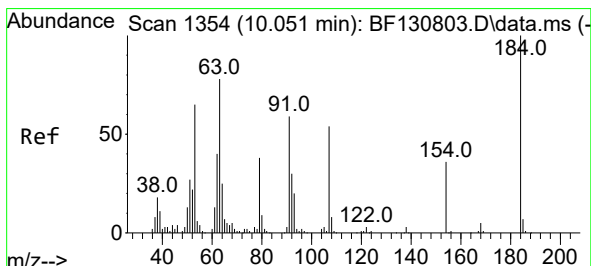
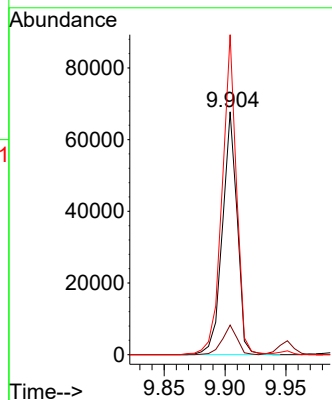
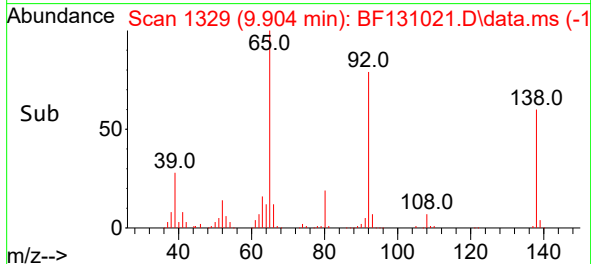
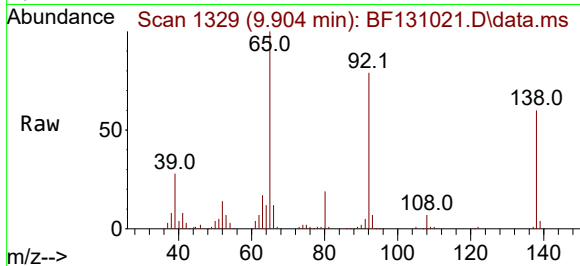
#53
3-Nitroaniline
Concen: 30.751 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:138 Resp: 57169
Ion Ratio Lower Upper
138 100
108 12.2 12.7 19.1
92 131.7 107.8 161.8

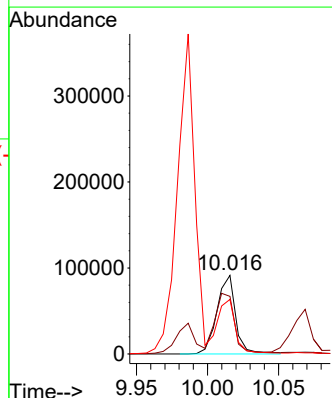
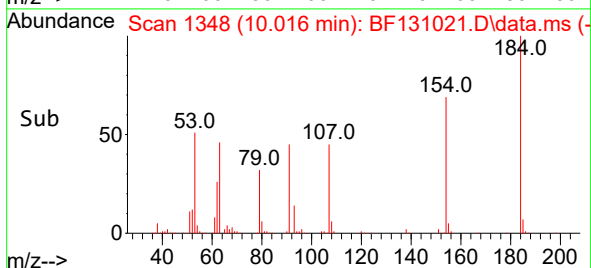
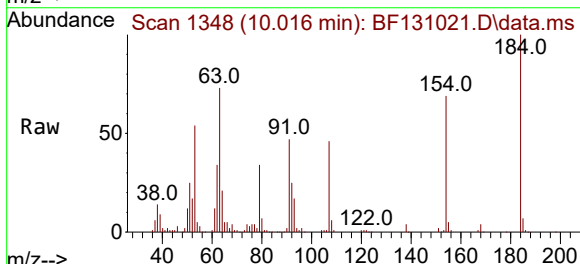
Manual Integrations
APPROVED

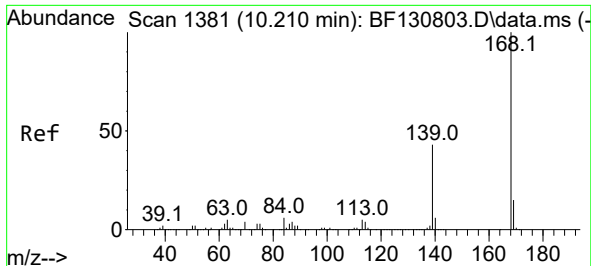
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#54
2,4-Dinitrophenol
Concen: 90.877 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion:184 Resp: 84091
Ion Ratio Lower Upper
184 100
63 73.4 66.7 100.1
154 69.4 62.2 93.2





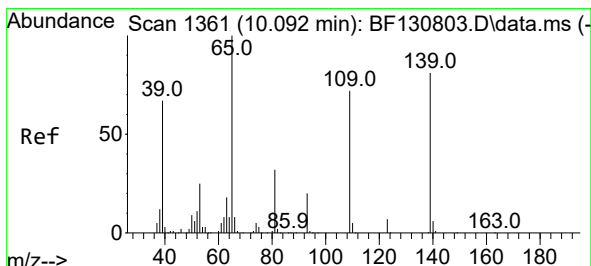
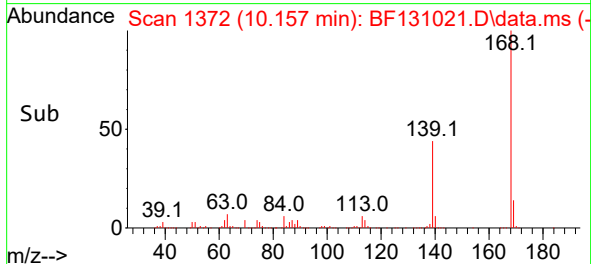
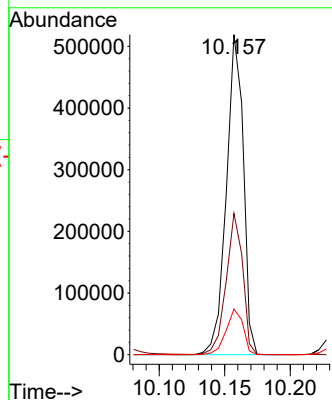
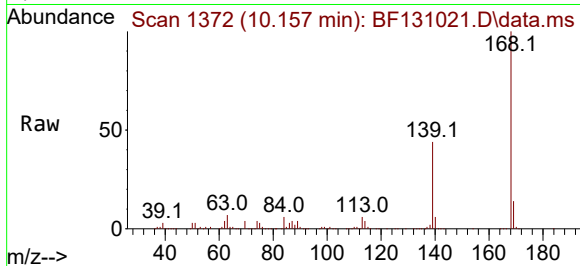
#55
Dibenzenofuran
Concen: 41.542 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:168 Resp: 46710
Ion Ratio Lower Upper
168 100
139 44.1 34.3 51.5
169 14.2 11.9 17.9

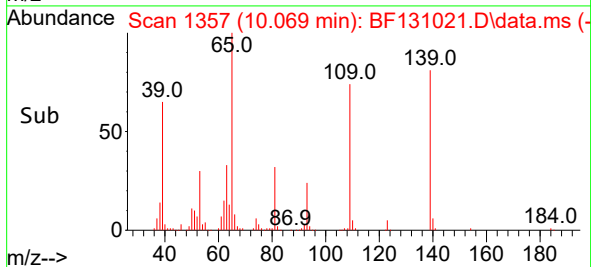
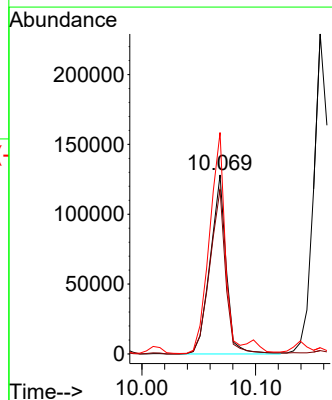
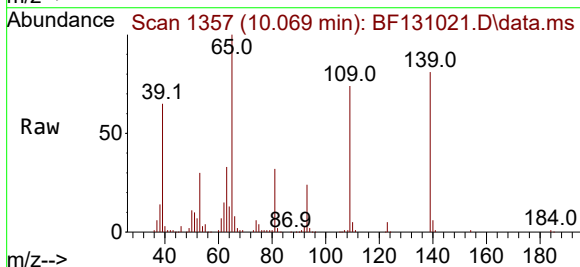
Manual Integrations
APPROVED

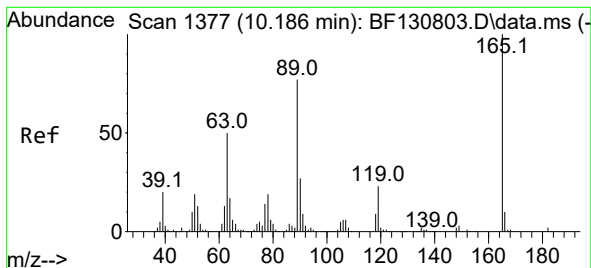
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#56
4-Nitrophenol
Concen: 84.935 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

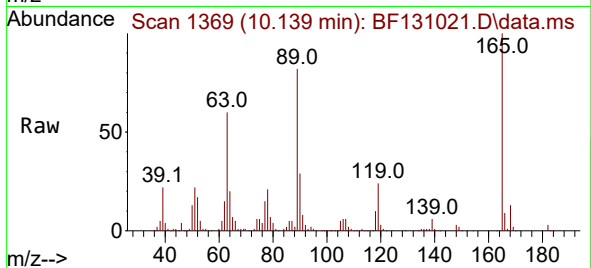
Tgt Ion:139 Resp: 125028
Ion Ratio Lower Upper
139 100
109 92.0 69.3 109.3
65 123.7 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 49.883 ng
RT: 10.139 min Scan# 114070
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

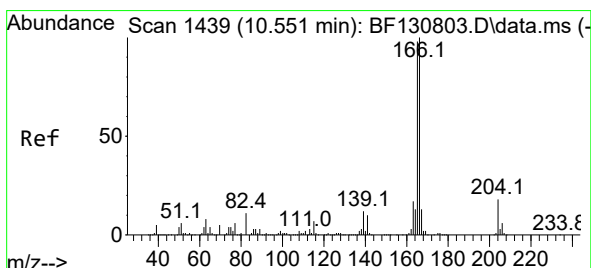
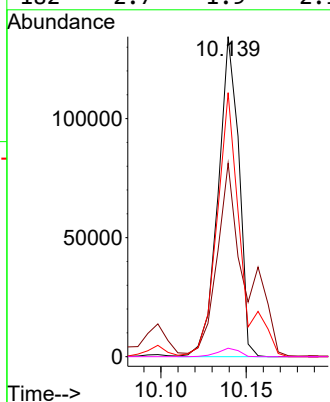
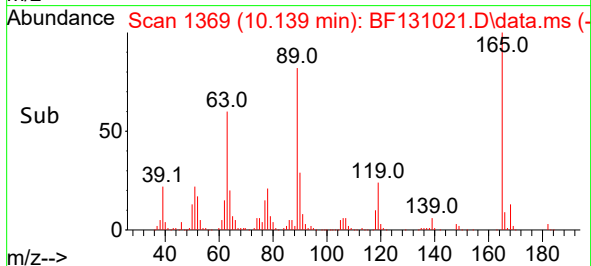
Instrument :
BNA_F
ClientSampleId :
SB-2MS



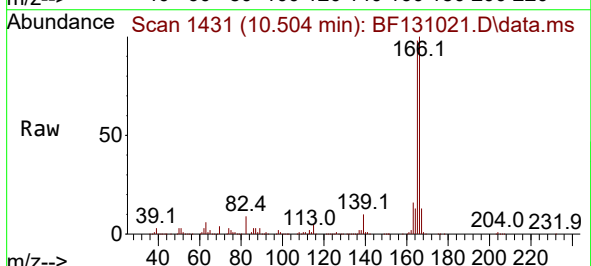
Tgt Ion:165 Resp: 114070
Ion Ratio Lower Upper
165 100
63 60.4 39.8 59.6
89 82.5 61.9 92.9
182 2.7 1.9 2.9

Manual Integrations
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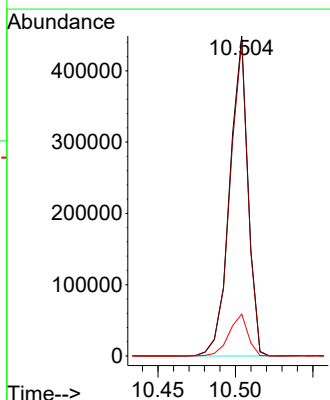
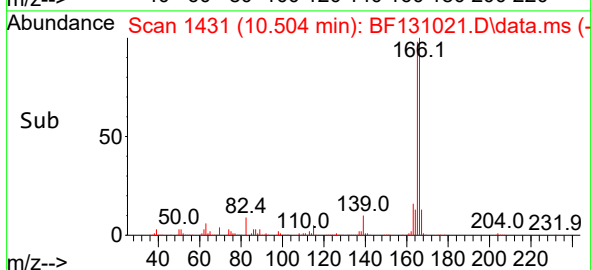
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

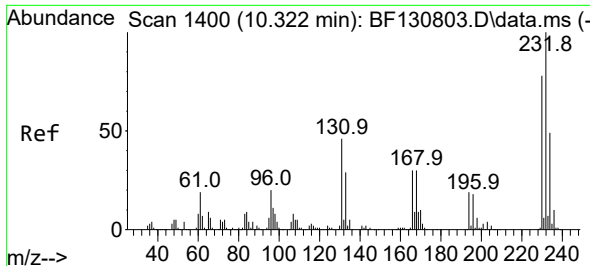


#58
Fluorene
Concen: 41.515 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



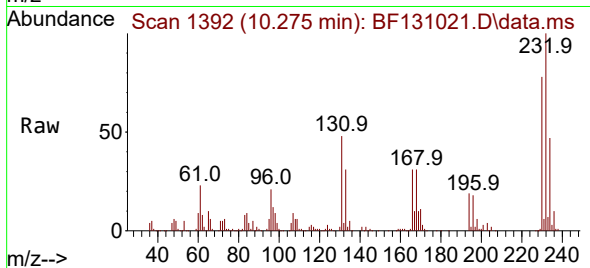
Tgt Ion:166 Resp: 367569
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.792 ng
RT: 10.275 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

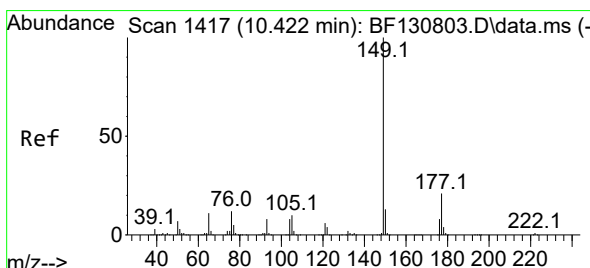
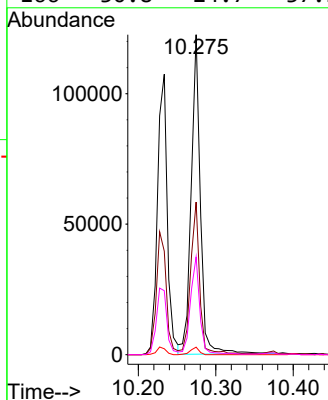
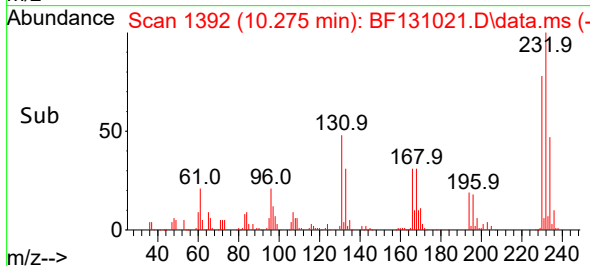
Instrument :
BNA_F
ClientSampleId :
SB-2MS



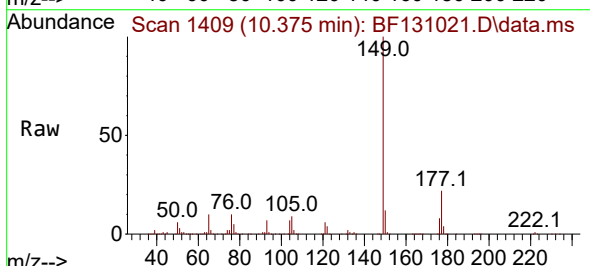
Tgt Ion:232 Resp: 10080
Ion Ratio Lower Upper
232 100
131 48.6 39.6 59.4
130 2.2 2.1 3.1
166 30.8 24.7 37.1

Manual Integrations
APPROVED

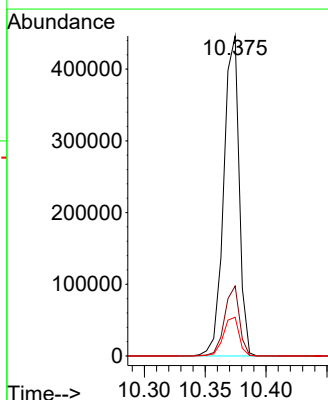
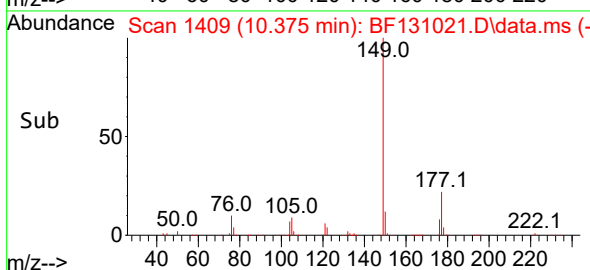
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

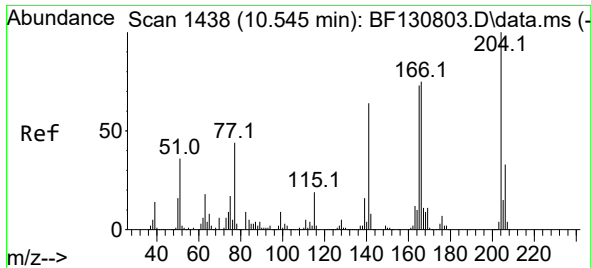


#60
Diethylphthalate
Concen: 41.877 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



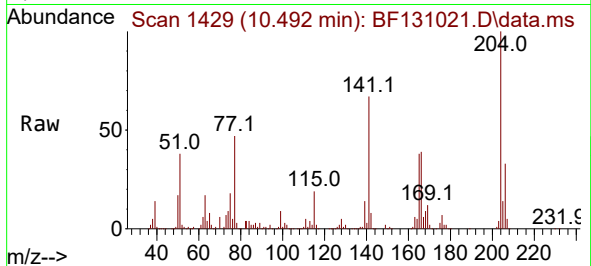
Tgt Ion:149 Resp: 393097
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.1 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 44.440 ng
RT: 10.492 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

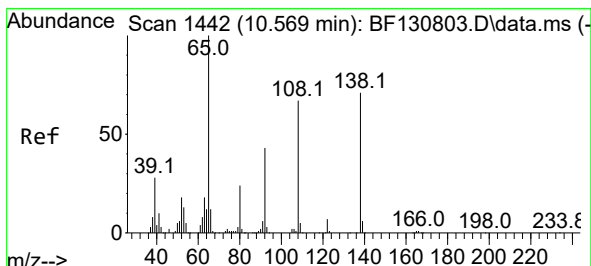
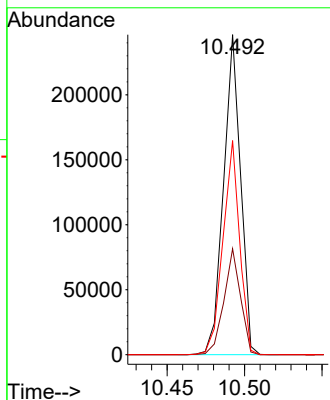
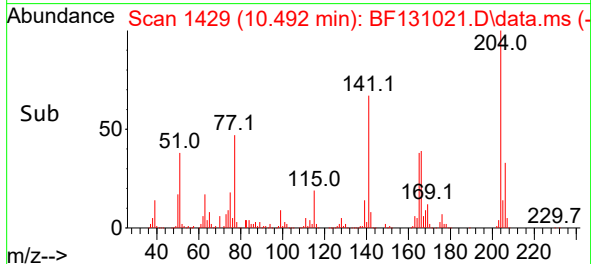
Instrument :
BNA_F
ClientSampleId :
SB-2MS



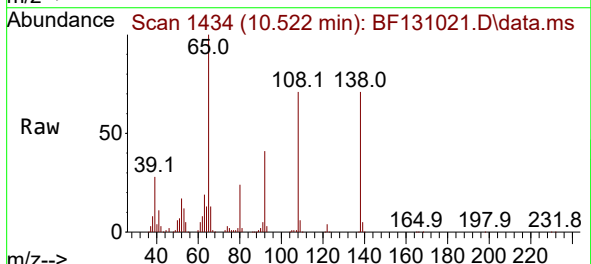
Tgt Ion:204 Resp: 188229
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 66.9 51.3 76.9

Manual Integrations
APPROVED

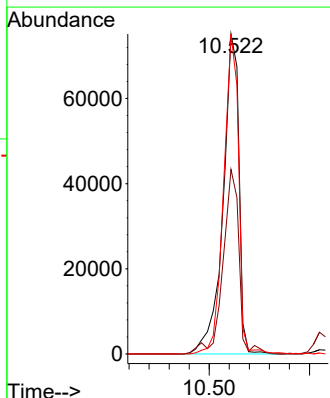
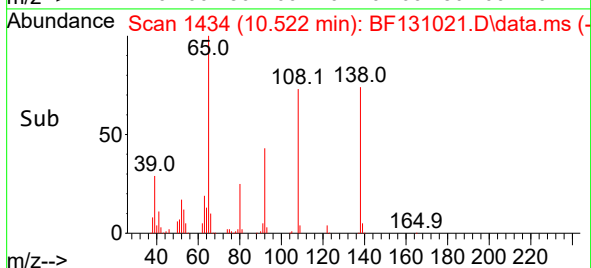
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

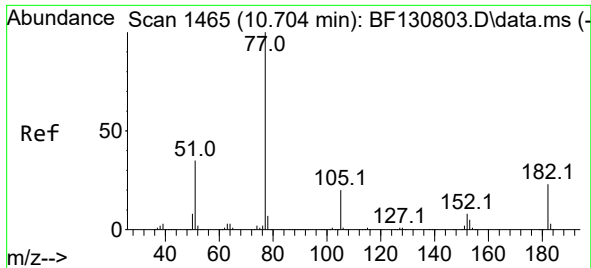


#62
4-Nitroaniline
Concen: 43.858 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



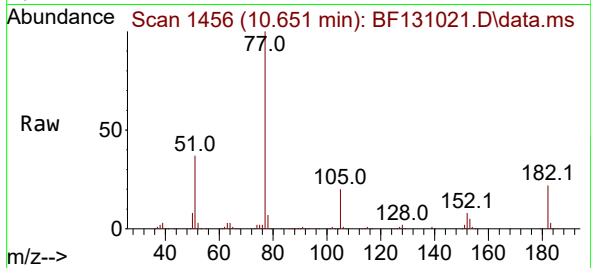
Tgt Ion:138 Resp: 82563
Ion Ratio Lower Upper
138 100
92 57.7 40.6 80.6
108 100.0 74.7 114.7





#63
Azobenzene
Concen: 42.201 ng
RT: 10.651 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

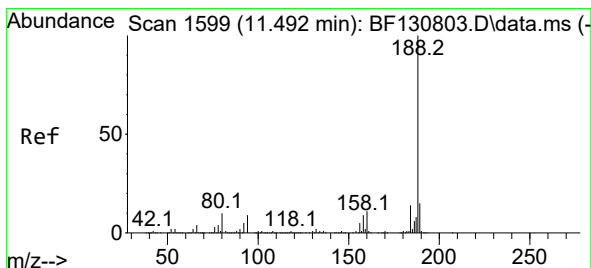
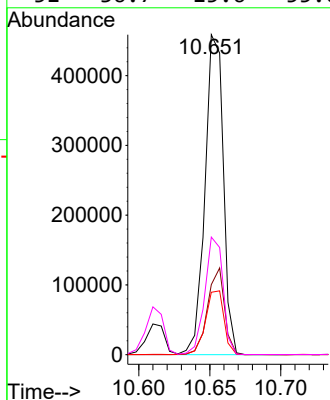
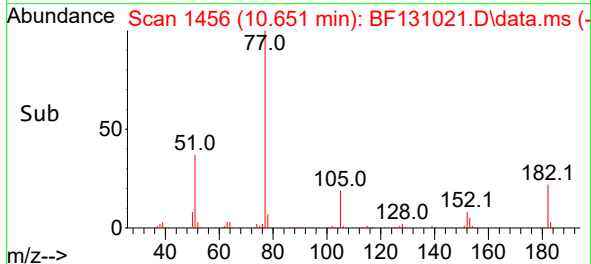
Instrument :
BNA_F
ClientSampleId :
SB-2MS



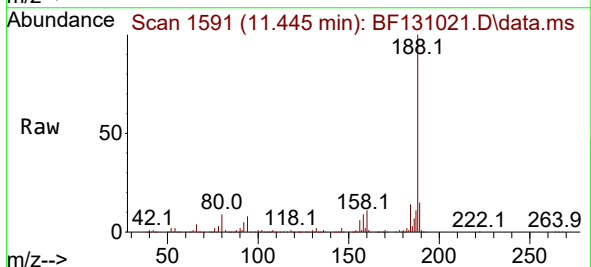
Tgt Ion: 77 Resp: 413520
Ion Ratio Lower Upper
77 100
182 21.9 2.6 42.6
105 19.5 0.0 40.0
51 36.7 15.6 55.6

Manual Integrations
APPROVED

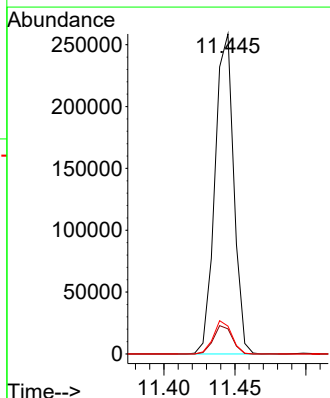
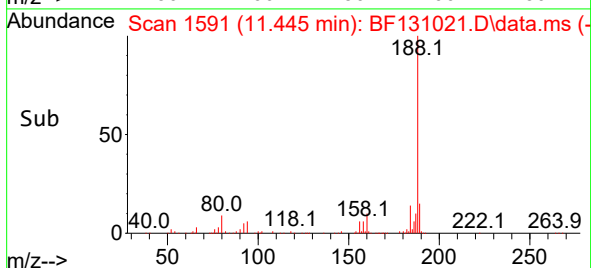
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

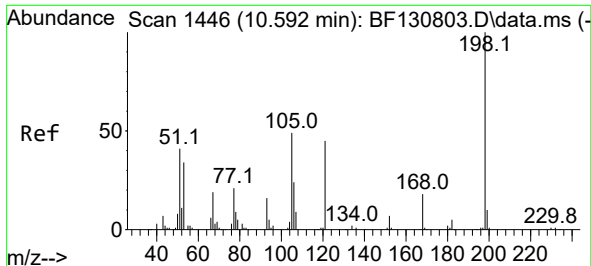


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



Tgt Ion:188 Resp: 238351
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.7 8.0 12.0





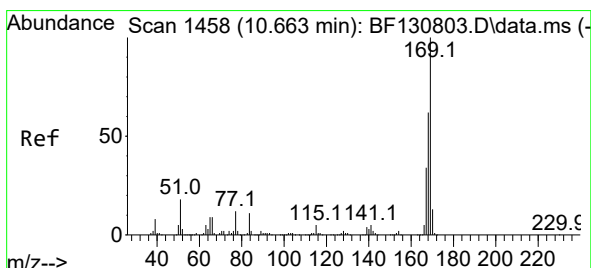
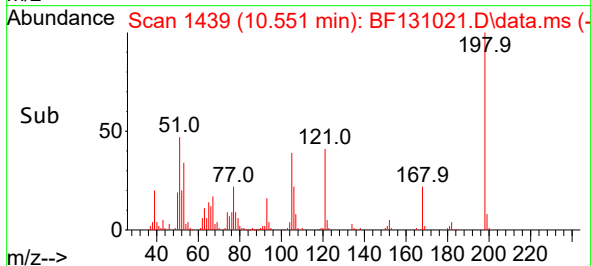
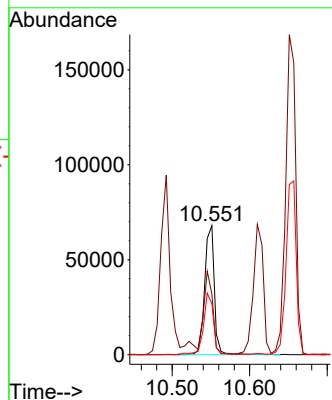
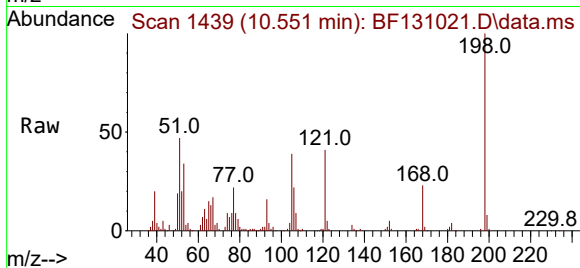
#65
4,6-Dinitro-2-methylphenol
Concen: 57.262 ng
RT: 10.551 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Tgt Ion:198 Resp: 58860
Ion Ratio Lower Upper
198 100
51 46.9 39.0 79.0
105 39.3 30.6 70.6

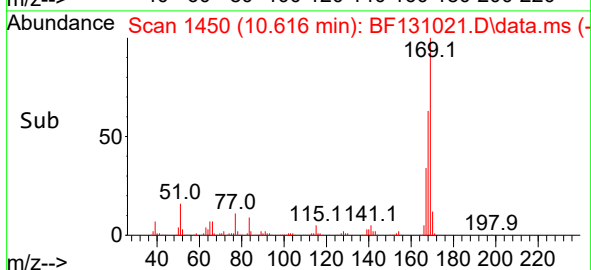
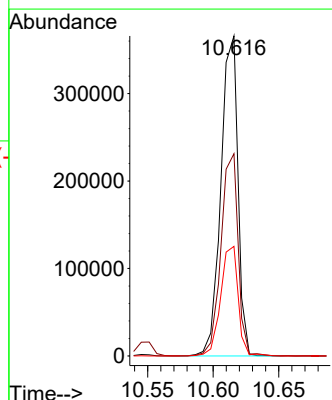
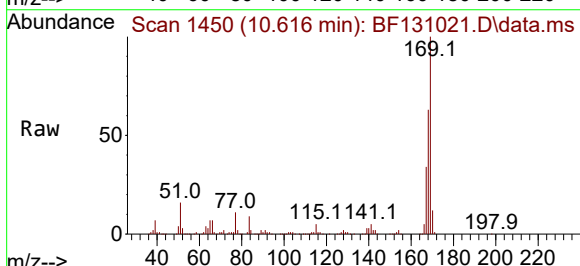
Manual Integrations
APPROVED

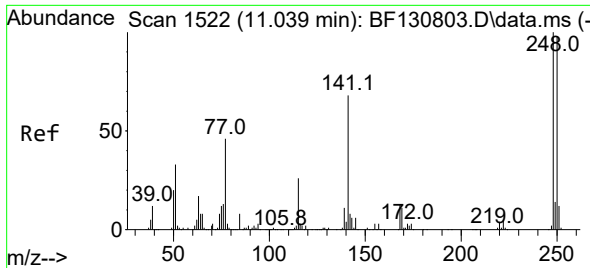
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#66
n-Nitrosodiphenylamine
Concen: 44.418 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

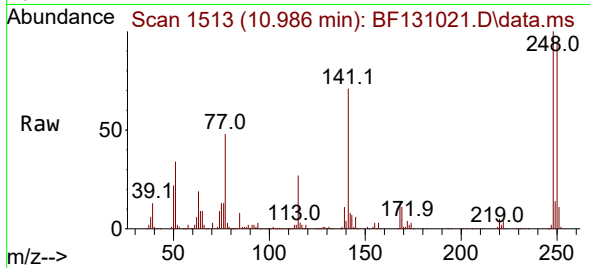
Tgt Ion:169 Resp: 330229
Ion Ratio Lower Upper
169 100
168 63.2 49.4 74.0
167 34.3 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 50.661 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

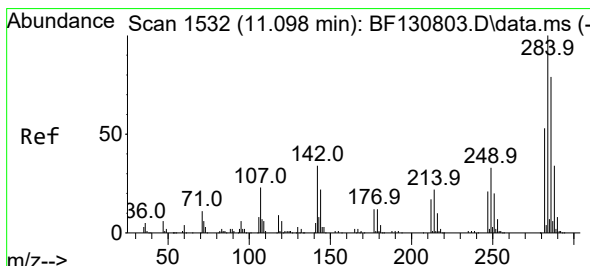
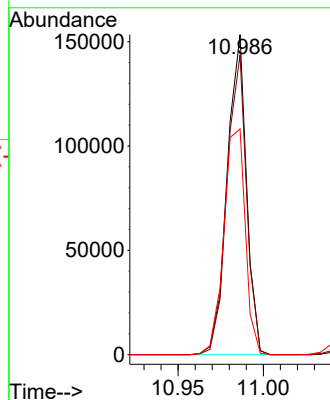
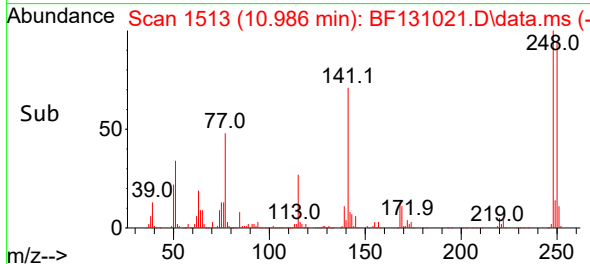
Instrument :
BNA_F
ClientSampleId :
SB-2MS



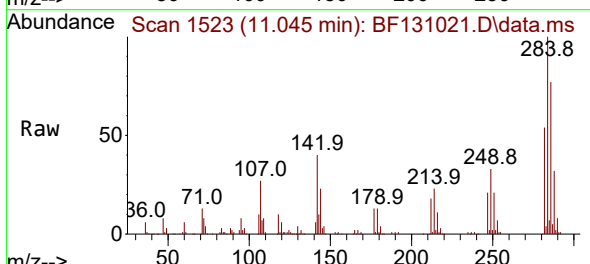
Tgt Ion:248 Resp: 121434
Ion Ratio Lower Upper
248 100
250 93.7 78.6 117.8
141 70.6 54.2 81.4

Manual Integrations
APPROVED

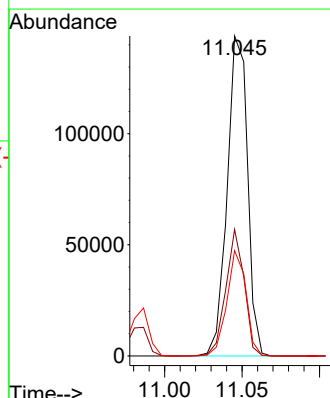
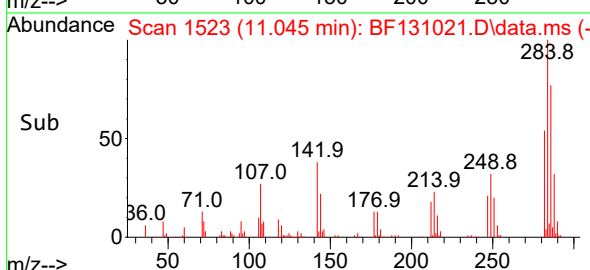
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

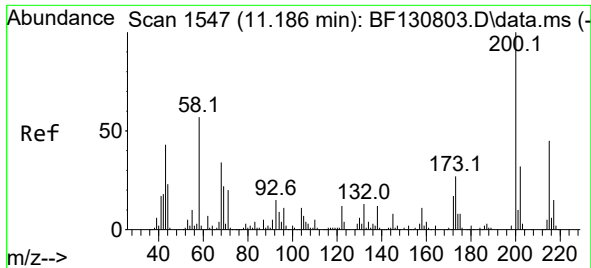


#68
Hexachlorobenzene
Concen: 49.763 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



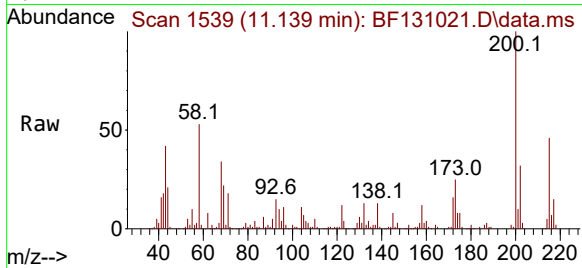
Tgt Ion:284 Resp: 131424
Ion Ratio Lower Upper
284 100
142 39.6 27.1 40.7
249 32.9 26.6 39.8





#69
 Atrazine
 Concen: 50.537 ng
 RT: 11.139 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57

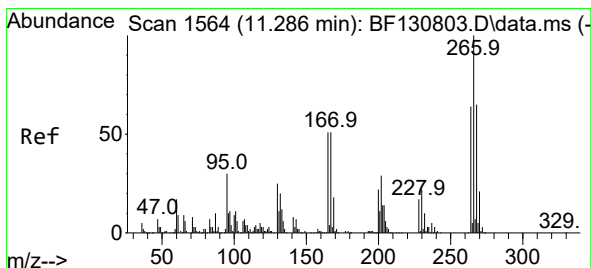
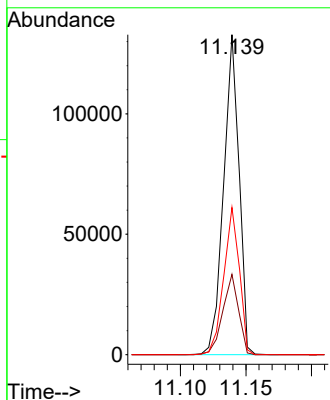
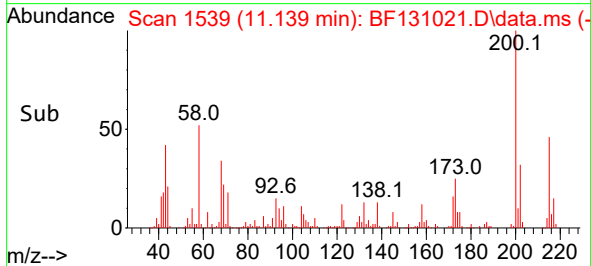
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS



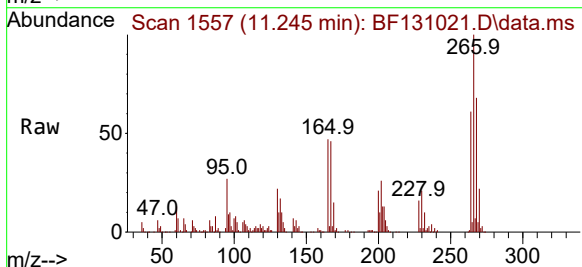
Tgt Ion:200 Resp: 108504
 Ion Ratio Lower Upper
 200 100
 173 25.1 7.1 47.1
 215 46.0 25.4 65.4

Manual Integrations
 APPROVED

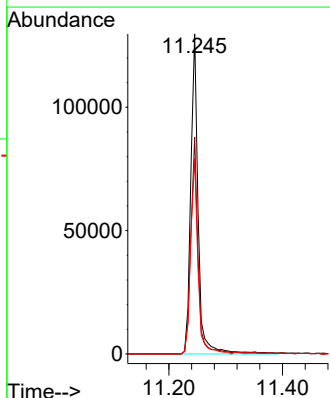
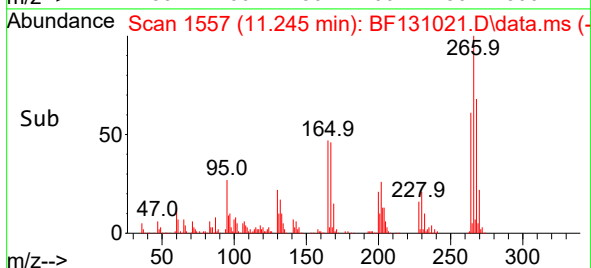
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

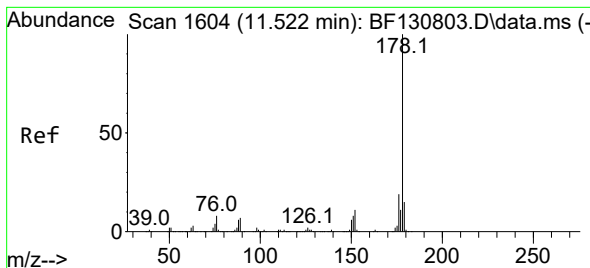


#70
 Pentachlorophenol
 Concen: 77.958 ng
 RT: 11.245 min Scan# 1557
 Delta R.T. 0.000 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57



Tgt Ion:266 Resp: 117485
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.8 77.6
 264 61.1 51.6 77.4





#71

Phenanthrene

Concen: 43.534 ng

RT: 11.469 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:178 Resp: 535550

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

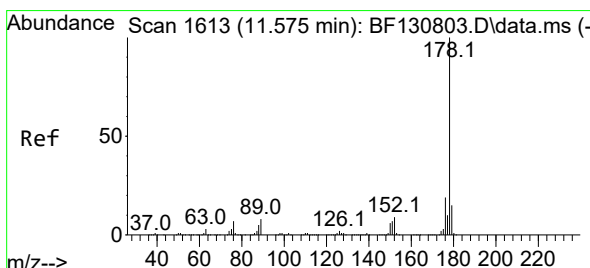
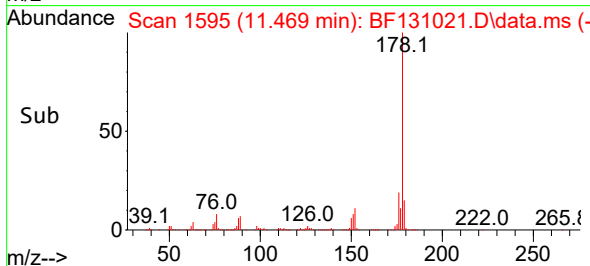
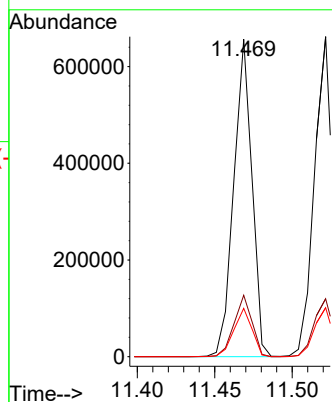
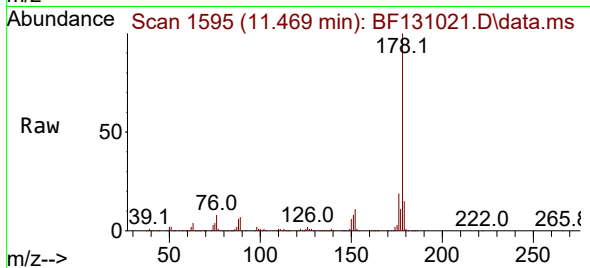
179 15.2 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#72

Anthracene

Concen: 44.736 ng

RT: 11.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

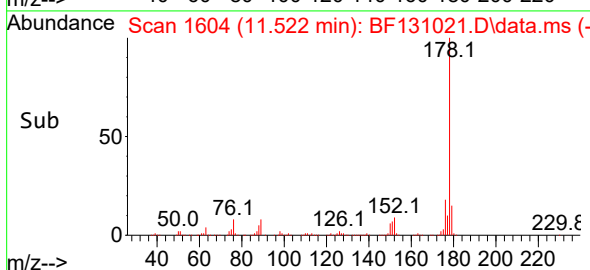
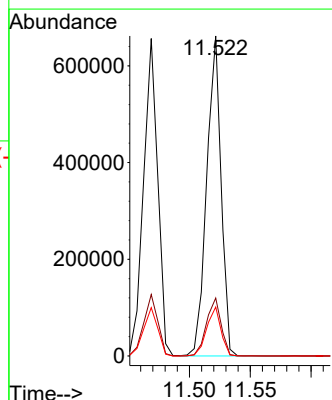
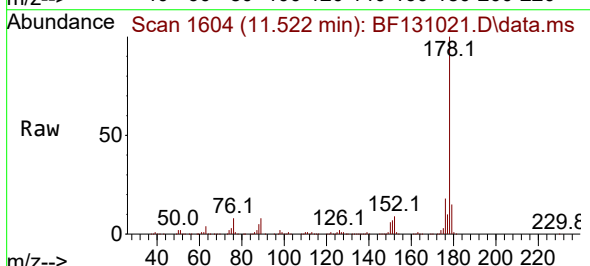
Tgt Ion:178 Resp: 542825

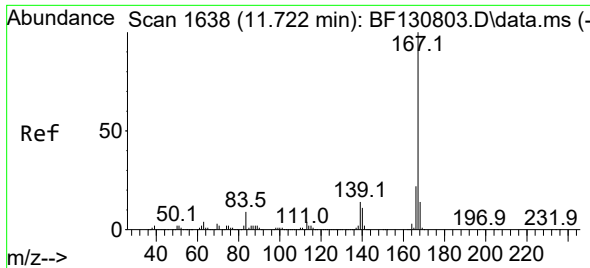
Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

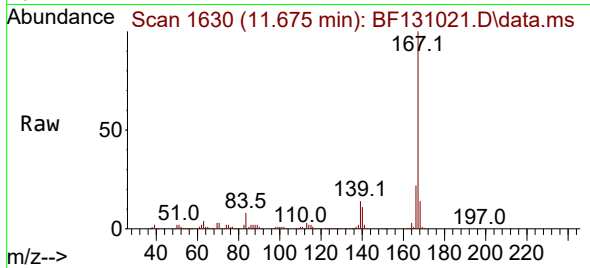
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 41.832 ng
 RT: 11.675 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57

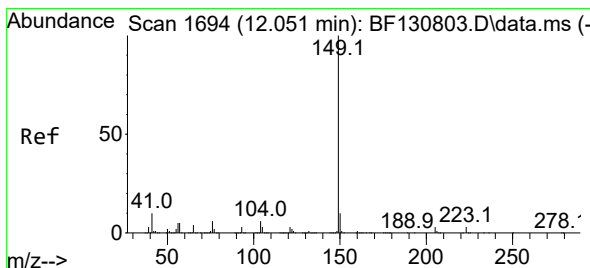
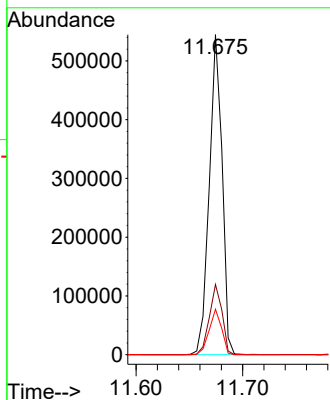
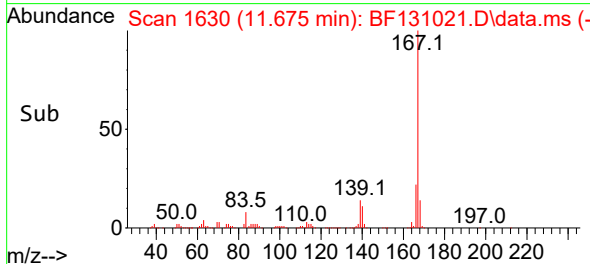
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MS



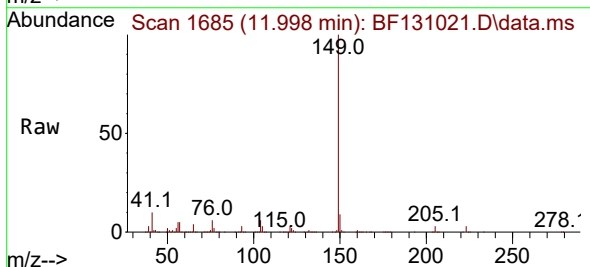
Tgt Ion:167 Resp: 45456
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.2 11.3 16.9

Manual Integrations
 APPROVED

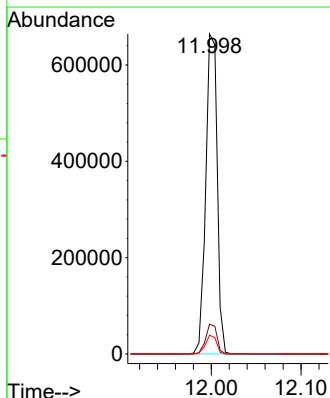
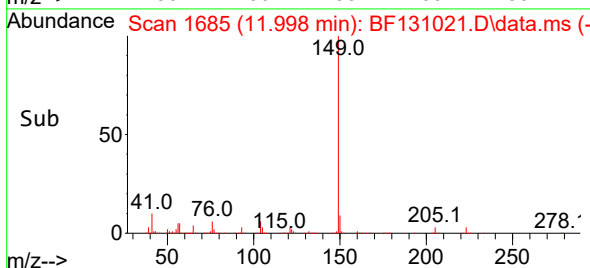
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

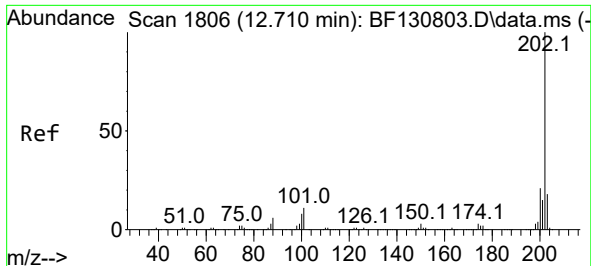


#74
 Di-n-butylphthalate
 Concen: 44.578 ng
 RT: 11.998 min Scan# 1685
 Delta R.T. -0.006 min
 Lab File: BF131021.D
 Acq: 05 Nov 2022 15:57



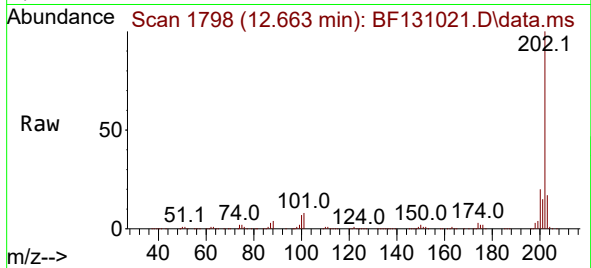
Tgt Ion:149 Resp: 588291
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.8 4.6 6.8





#75
Fluoranthene
Concen: 41.073 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

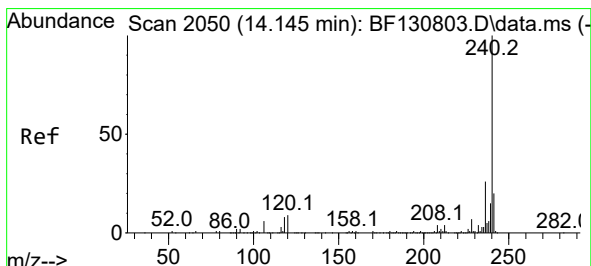
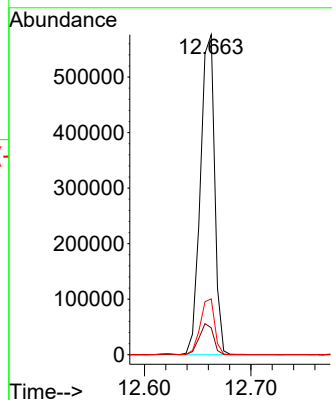
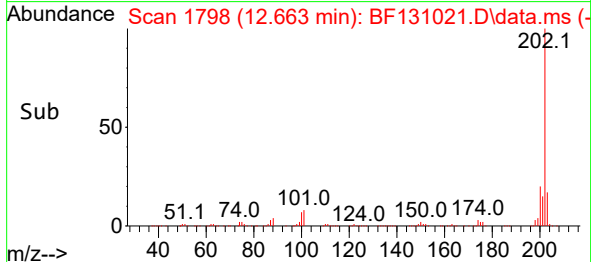
Instrument :
BNA_F
ClientSampleId :
SB-2MS



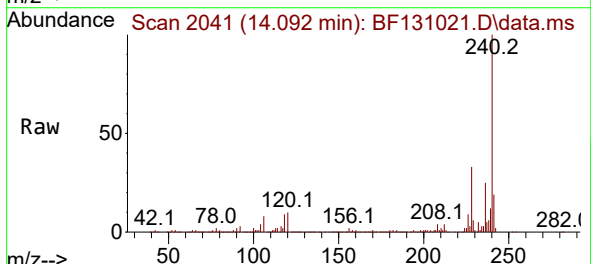
Tgt Ion:202 Resp: 53685
Ion Ratio Lower Upper
202 100
101 8.4 0.0 30.9
203 17.4 0.0 37.7

Manual Integrations
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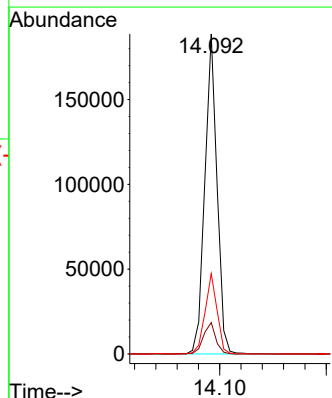
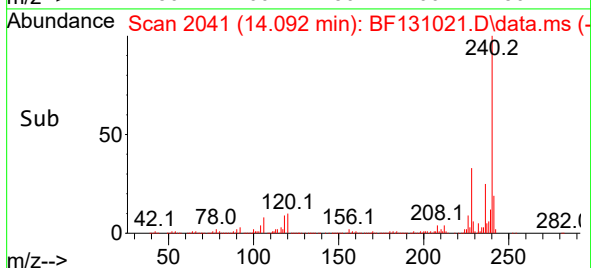
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

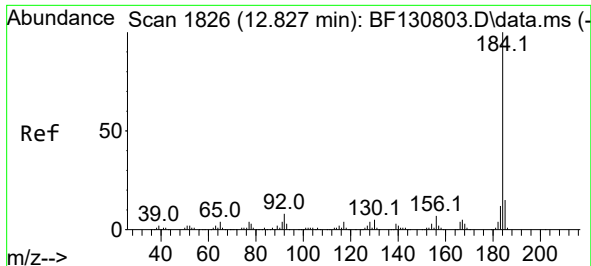


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



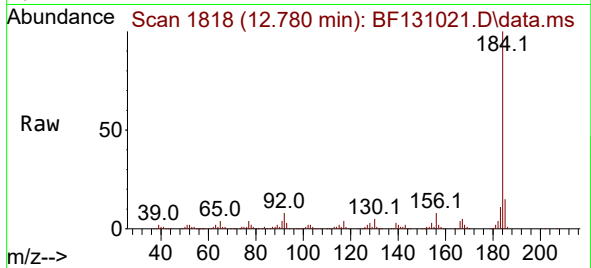
Tgt Ion:240 Resp: 150431
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.4
236 25.1 20.5 30.7





#77
Benzidine
Concen: 55.474 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

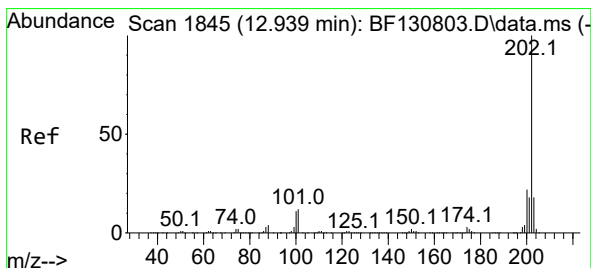
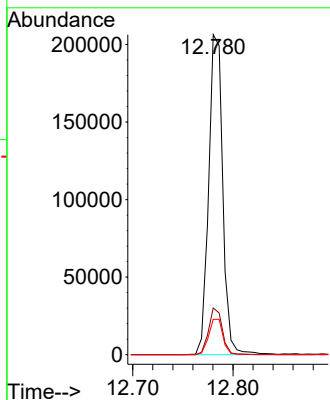
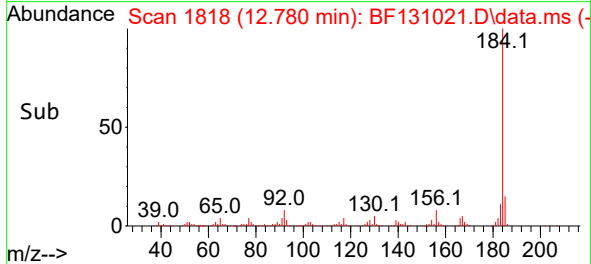
Instrument :
BNA_F
ClientSampleId :
SB-2MS



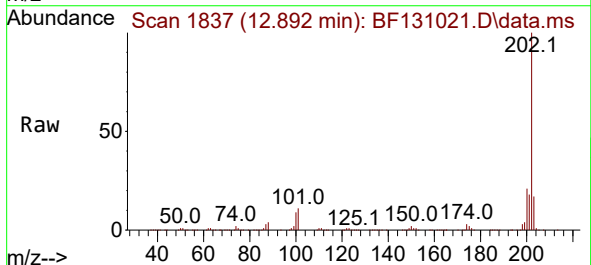
Tgt Ion:184 Resp: 202574
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.0 9.7 14.5

Manual Integrations
APPROVED

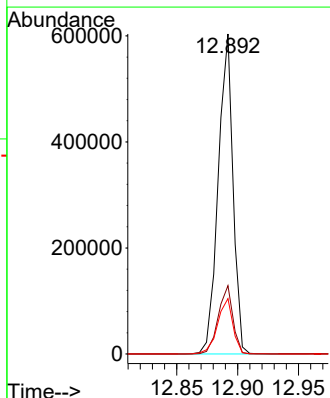
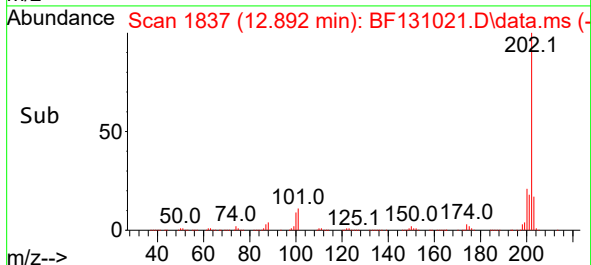
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

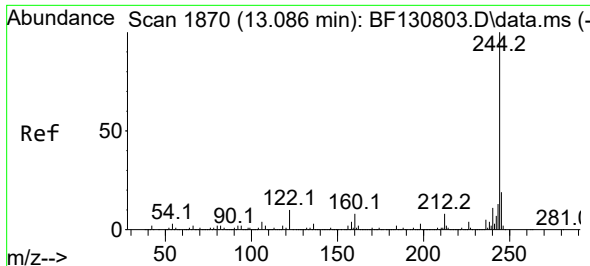


#78
Pyrene
Concen: 40.313 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



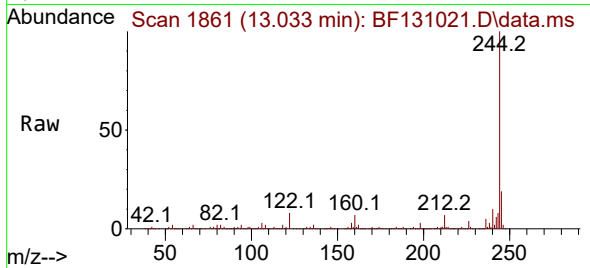
Tgt Ion:202 Resp: 511640
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.3 14.5 21.7





#79
Terphenyl-d14
Concen: 73.210 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

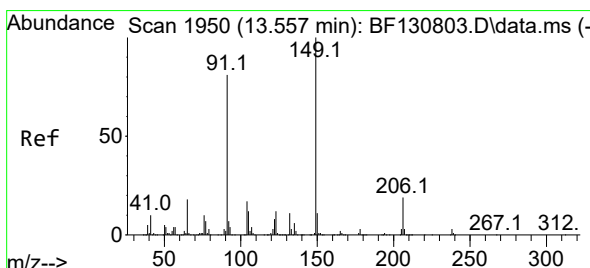
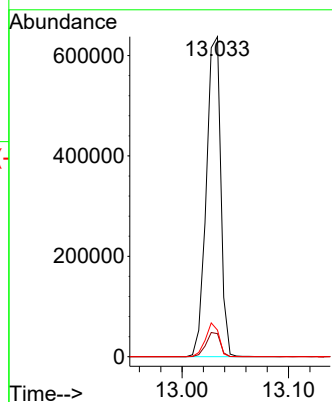
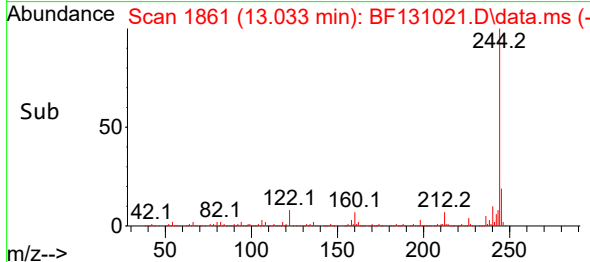
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:244 Resp: 60100
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 8.3 7.9 11.9

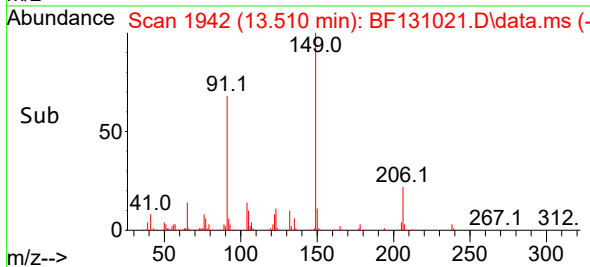
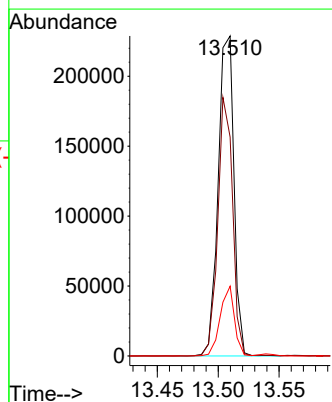
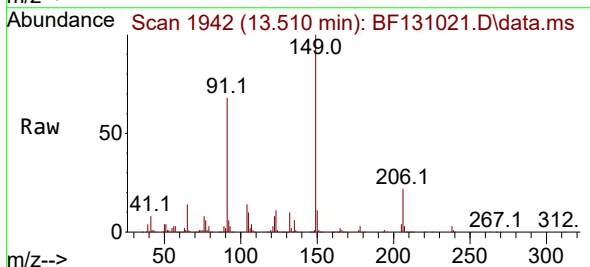
Manual Integrations
APPROVED

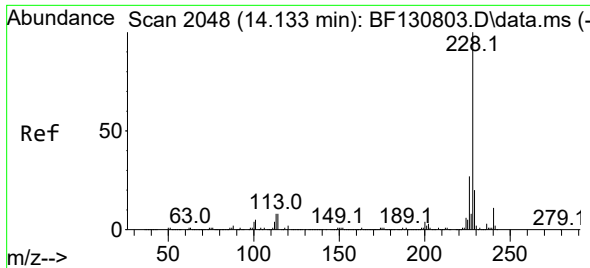
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#80
Butylbenzylphthalate
Concen: 45.272 ng
RT: 13.510 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

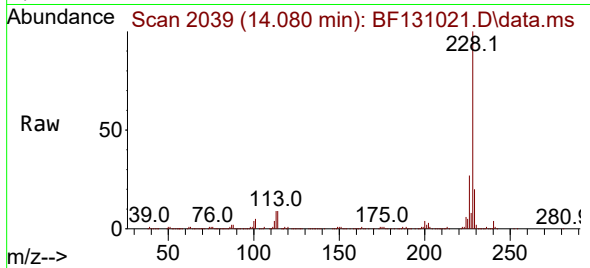
Tgt Ion:149 Resp: 206713
Ion Ratio Lower Upper
149 100
91 68.4 64.5 96.7
206 21.8 15.3 22.9





#81
Benzo(a)anthracene
Concen: 43.433 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

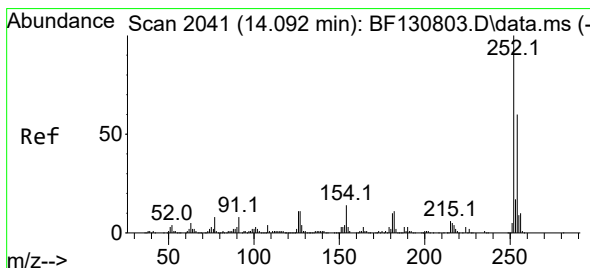
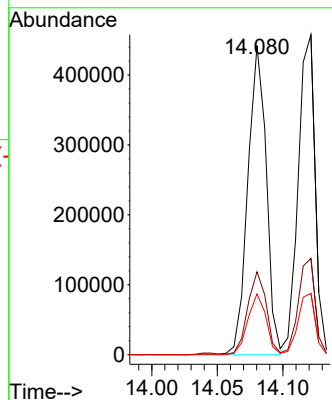
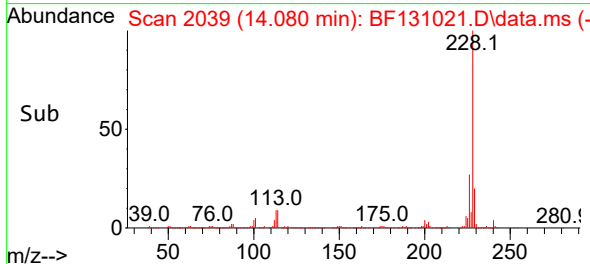
Instrument :
BNA_F
ClientSampleId :
SB-2MS



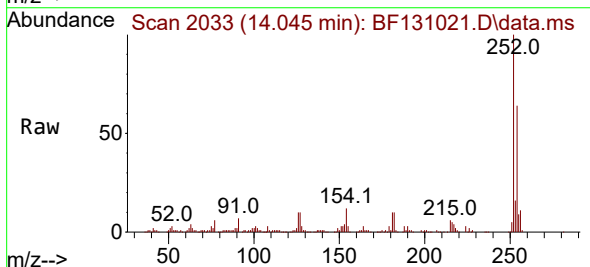
Tgt Ion:228 Resp: 433184
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.7 15.8 23.6

Manual Integrations
APPROVED

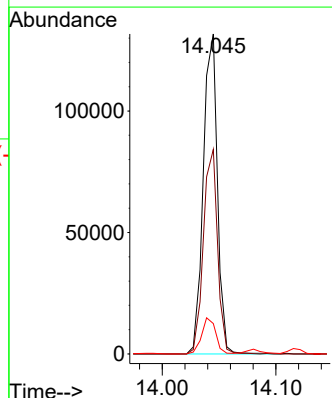
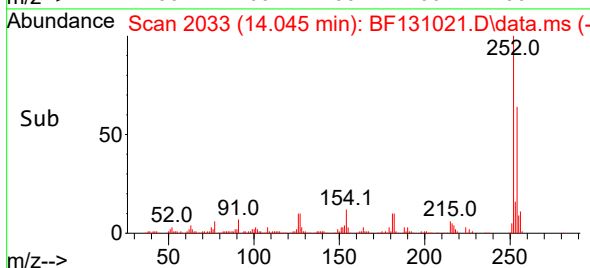
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

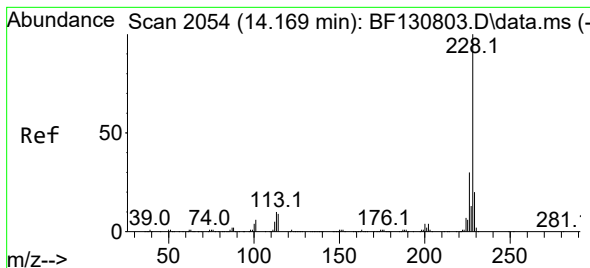


#82
3,3'-Dichlorobenzidine
Concen: 42.323 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



Tgt Ion:252 Resp: 113927
Ion Ratio Lower Upper
252 100
254 63.9 47.8 71.6
126 9.5 9.0 13.6





#83

Chrysene

Concen: 42.621 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

Instrument :

BNA_F

ClientSampleId :

SB-2MS

Tgt Ion:228 Resp: 410025

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

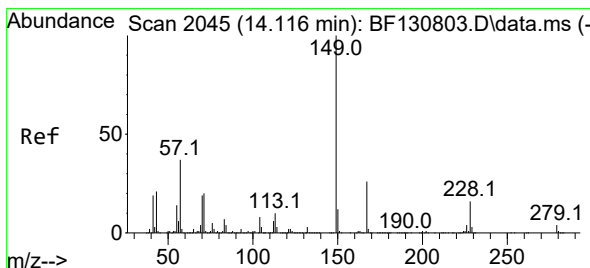
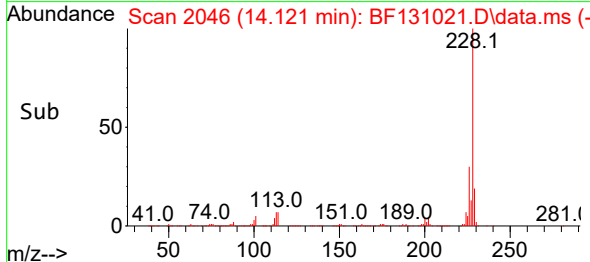
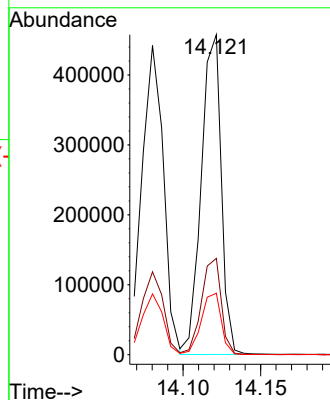
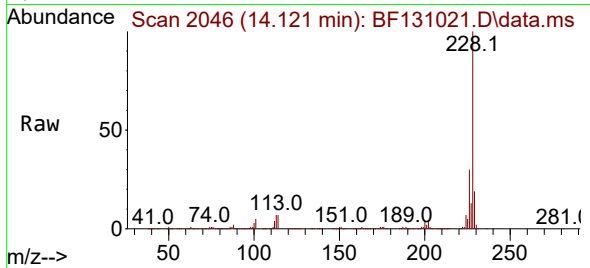
229 19.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.804 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131021.D

Acq: 05 Nov 2022 15:57

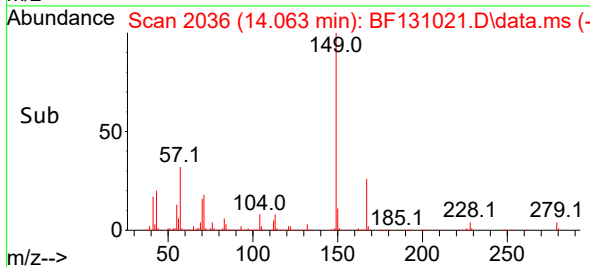
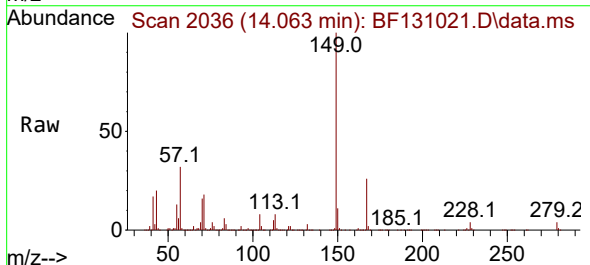
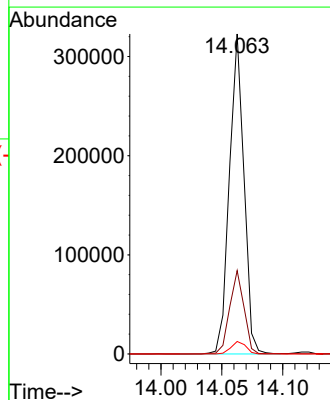
Tgt Ion:149 Resp: 267939

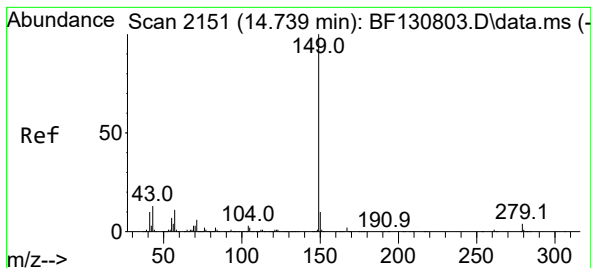
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

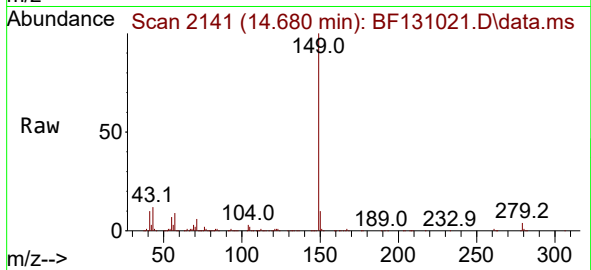
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 54.699 ng
RT: 14.680 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

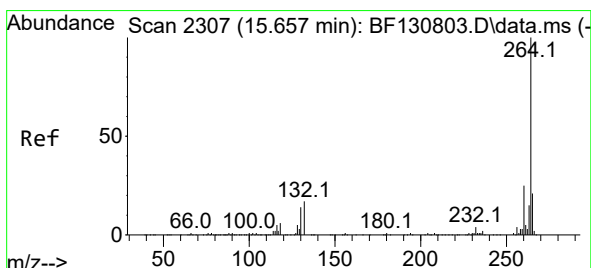
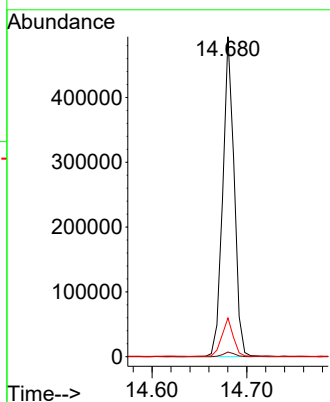
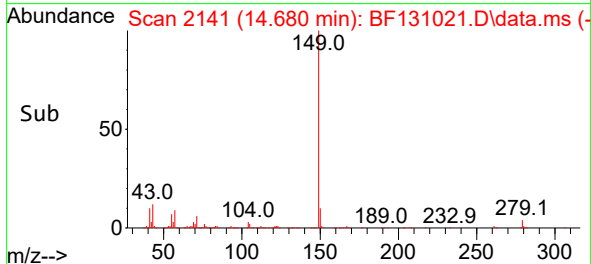
Instrument :
BNA_F
ClientSampleId :
SB-2MS



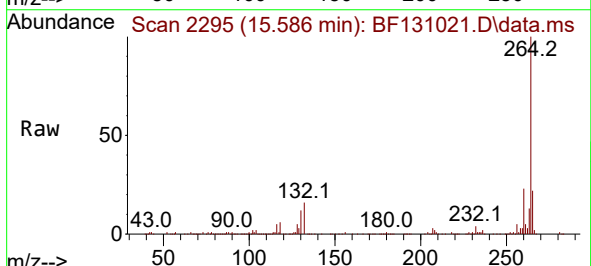
Tgt Ion:149 Resp: 414458
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 10.2 15.2

Manual Integrations
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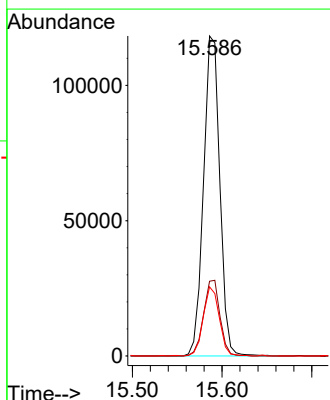
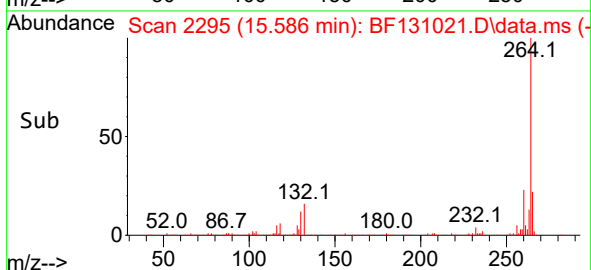
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

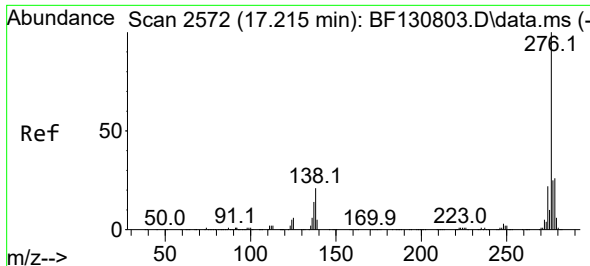


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



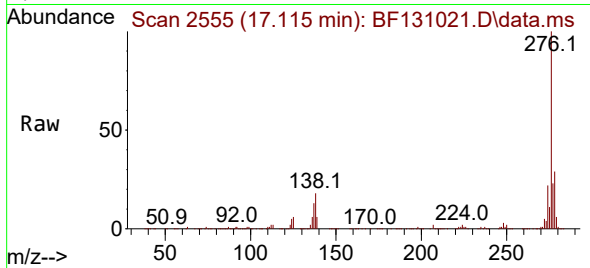
Tgt Ion:264 Resp: 149073
Ion Ratio Lower Upper
264 100
260 23.4 19.9 29.9
265 21.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.025 ng
RT: 17.115 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

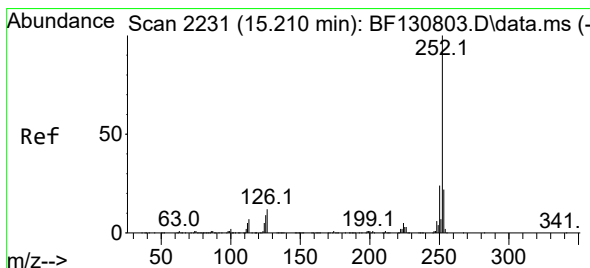
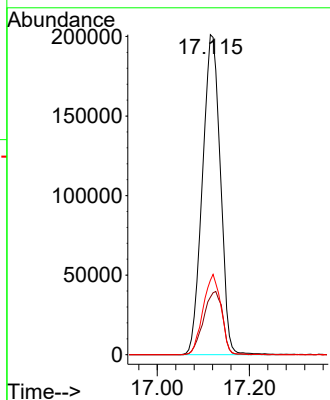
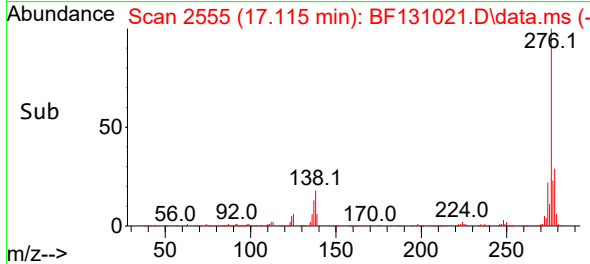
Instrument :
BNA_F
ClientSampleId :
SB-2MS



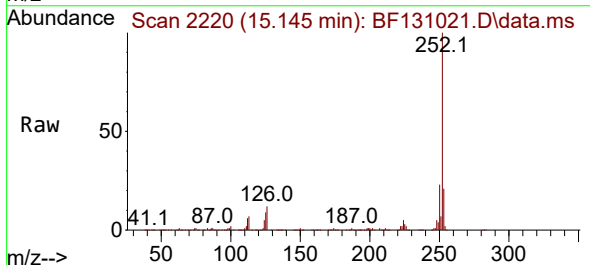
Tgt Ion:276 Resp: 54472
Ion Ratio Lower Upper
276 100
138 21.2 19.1 28.7
277 25.1 20.1 30.1

Manual Integrations
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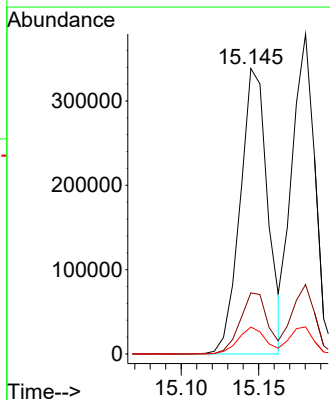
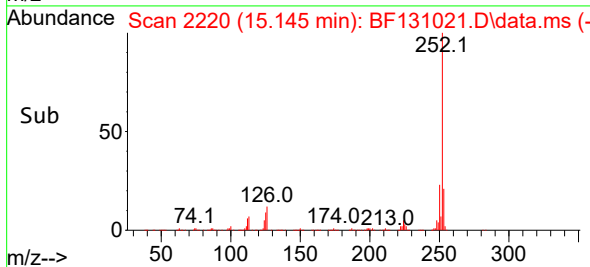
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

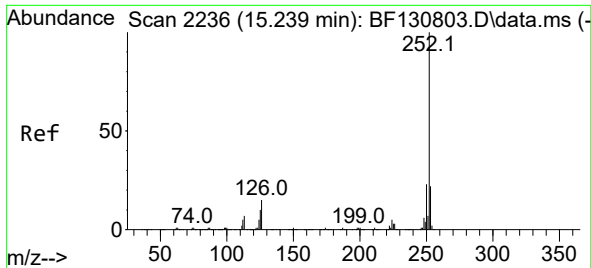


#88
Benzo(b)fluoranthene
Concen: 43.496 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57



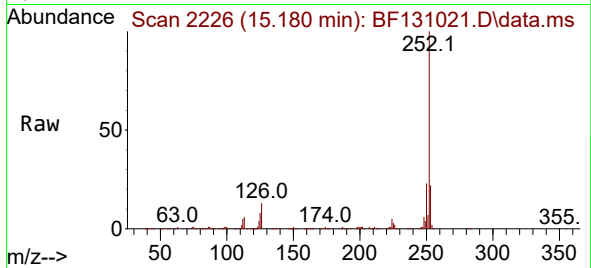
Tgt Ion:252 Resp: 419146
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.4 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 42.080 ng
RT: 15.180 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

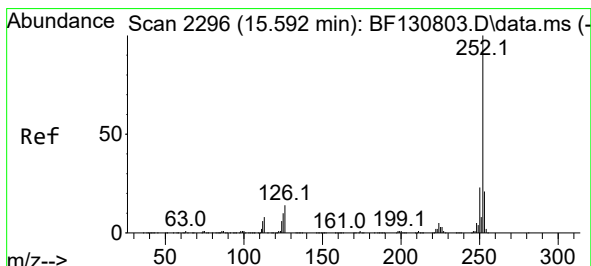
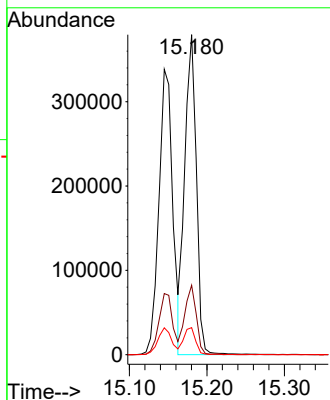
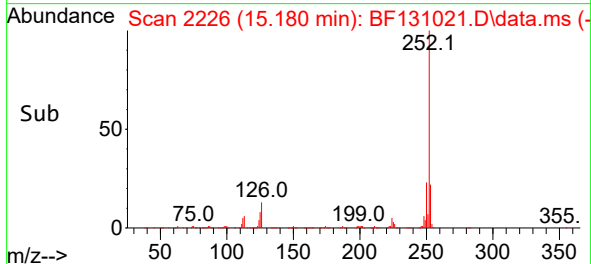
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:252 Resp: 395134
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.5 8.0 12.0

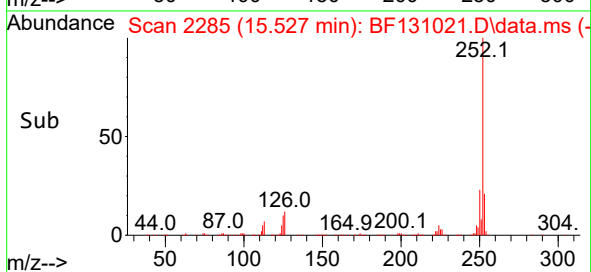
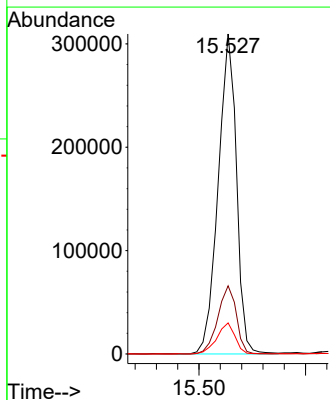
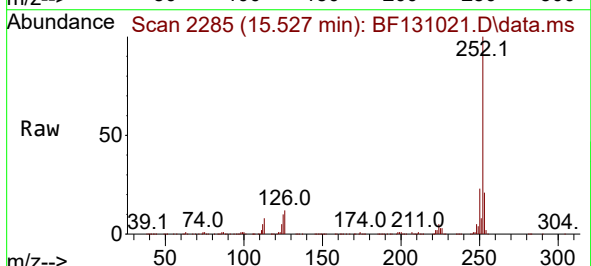
Manual Integrations
APPROVED

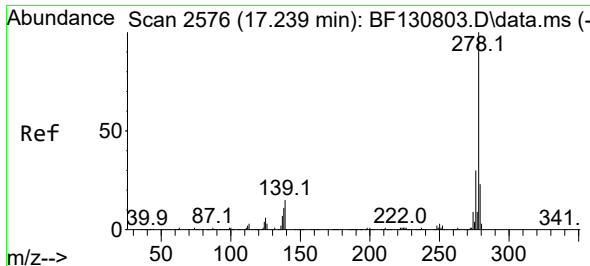
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#90
Benzo(a)pyrene
Concen: 47.528 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

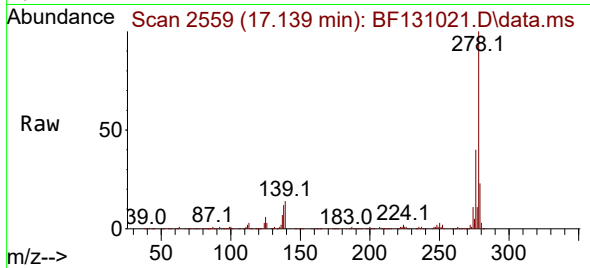
Tgt Ion:252 Resp: 368179
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 9.7 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 56.290 ng
RT: 17.139 min Scan# 210
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

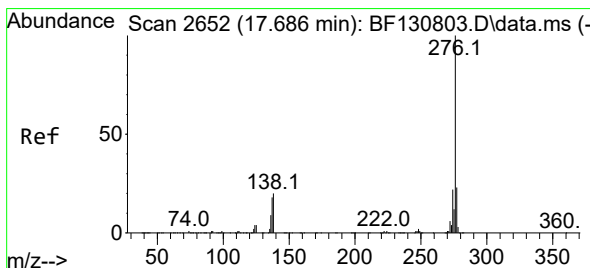
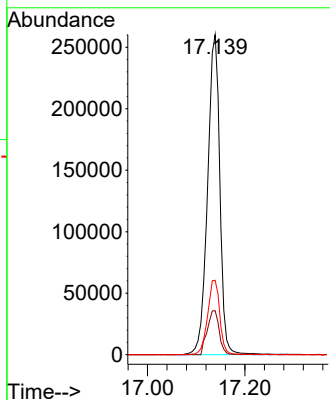
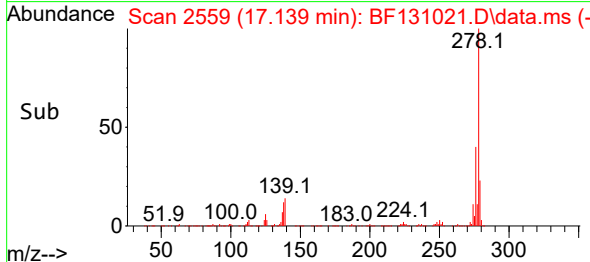
Instrument :
BNA_F
ClientSampleId :
SB-2MS



Tgt Ion:278 Resp: 454270
Ion Ratio Lower Upper
278 100
139 13.7 11.9 17.9
279 23.3 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#92
Benzo(g,h,i)perylene
Concen: 54.310 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.006 min
Lab File: BF131021.D
Acq: 05 Nov 2022 15:57

Tgt Ion:276 Resp: 447149
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.2 16.3 24.5

