

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130832.D
 Acq On : 28 Oct 2022 19:56
 Operator : CG\JU
 Sample : N5281-13MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 05:45:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	116422	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	439985	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	232247	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	412181	20.000	ng	0.00
76) Chrysene-d12	14.133	240	236364	20.000	ng	0.00
86) Perylene-d12	15.645	264	210432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	763928	113.755	ng	0.02
7) Phenol-d6	6.569	99	994736	113.985	ng	0.00
23) Nitrobenzene-d5	7.516	82	634289	86.928	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	256993	131.451	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1167614	76.009	ng	0.00
79) Terphenyl-d14	13.074	244	1090278	84.526	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.875	88	127543	42.360	ng	Qvalue # 92
3) Pyridine	3.628	79	340346	40.357	ng	98
4) n-Nitrosodimethylamine	3.598	42	235796	49.805	ng	98
6) Aniline	6.610	93	485462m	44.987	ng	
8) 2-Chlorophenol	6.734	128	370085	49.470	ng	99
9) Benzaldehyde	6.498	77	178577	31.972	ng	96
10) Phenol	6.581	94	441244	46.985	ng	97
11) bis(2-Chloroethyl)ether	6.686	93	359125	49.055	ng	99
12) 1,3-Dichlorobenzene	6.886	146	401236	47.332	ng	97
13) 1,4-Dichlorobenzene	6.963	146	404849	47.050	ng	98
14) 1,2-Dichlorobenzene	7.116	146	393559	49.386	ng	98
15) Benzyl Alcohol	7.086	79	356354	48.022	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.222	45	644097	49.359	ng	98
17) 2-Methylphenol	7.192	107	307516	48.094	ng	99
18) Hexachloroethane	7.463	117	156524	50.332	ng	96
19) n-Nitroso-di-n-propyla...	7.363	70	276704	46.602	ng	98
20) 3+4-Methylphenols	7.345	107	376979	45.345	ng	# 88
22) Acetophenone	7.357	105	523784	49.100	ng	# 96
24) Nitrobenzene	7.534	77	412724	51.728	ng	98
25) Isophorone	7.775	82	763949	50.771	ng	99
26) 2-Nitrophenol	7.845	139	175016	54.985	ng	90
27) 2,4-Dimethylphenol	7.875	122	342481	54.690	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	443799	52.811	ng	99
29) 2,4-Dichlorophenol	8.086	162	312647	48.533	ng	96
30) 1,2,4-Trichlorobenzene	8.169	180	325474	46.985	ng	98
31) Naphthalene	8.257	128	1053123	45.877	ng	99
32) Benzoic acid	7.998	122	213967	48.064	ng	89
33) 4-Chloroaniline	8.298	127	334037	36.825	ng	99
34) Hexachlorobutadiene	8.369	225	223082	48.513	ng	99
35) Caprolactam	8.680	113	97584m	47.271	ng	
36) 4-Chloro-3-methylphenol	8.780	107	338267	48.409	ng	99
37) 2-Methylnaphthalene	8.951	142	677410	46.914	ng	99
38) 1-Methylnaphthalene	9.051	142	642144	45.697	ng	100
40) 1,2,4,5-Tetrachloroben...	9.110	216	334421	50.777	ng	99
41) Hexachlorocyclopentadiene	9.098	237	449179	129.801	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	235659	51.494	ng	98

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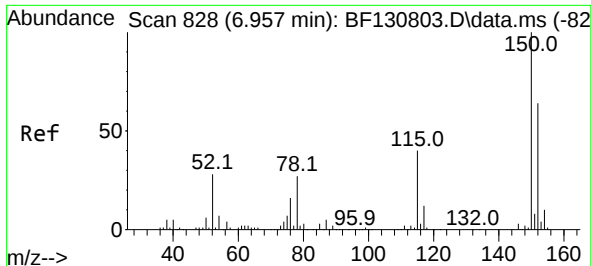
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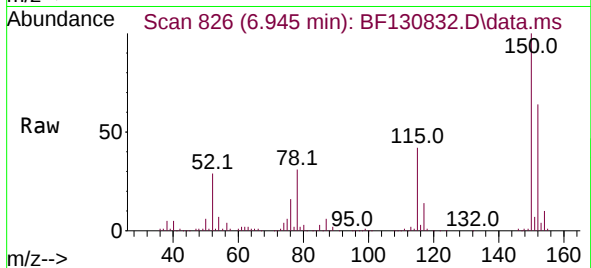
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	236714	48.413	ng	97
46) 1,1'-Biphenyl	9.416	154	825782	49.907	ng	99
47) 2-Chloronaphthalene	9.439	162	643423	48.495	ng	98
48) 2-Nitroaniline	9.533	65	221913	51.668	ng	99
49) Acenaphthylene	9.857	152	1002758	47.826	ng	99
50) Dimethylphthalate	9.716	163	742461	46.543	ng	100
51) 2,6-Dinitrotoluene	9.780	165	154018	50.628	ng	85
52) Acenaphthene	10.033	154	673119	51.919	ng	99
53) 3-Nitroaniline	9.945	138	133580	42.992	ng	# 97
54) 2,4-Dinitrophenol	10.051	184	132630	87.432	ng	94
55) Dibenzofuran	10.204	168	879229	46.787	ng	99
56) 4-Nitrophenol	10.104	139	258941	105.252	ng	98
57) 2,4-Dinitrotoluene	10.180	165	202123	52.661	ng	# 88
58) Fluorene	10.545	166	686348	46.383	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.316	232	188568	46.778	ng	99
60) Diethylphthalate	10.416	149	742405	47.322	ng	98
61) 4-Chlorophenyl-phenyle...	10.539	204	338041	47.753	ng	100
62) 4-Nitroaniline	10.569	138	165220	52.513	ng	98
63) Azobenzene	10.698	77	770589	47.054	ng	98
65) 4,6-Dinitro-2-methylph...	10.586	198	88549	50.842	ng	95
66) n-Nitrosodiphenylamine	10.657	169	631377	49.109	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	215205	51.917	ng	# 89
68) Hexachlorobenzene	11.092	284	232487	50.905	ng	96
69) Atrazine	11.186	200	208214	56.079	ng	98
70) Pentachlorophenol	11.286	266	244634	93.870	ng	96
71) Phenanthrene	11.516	178	993353	46.693	ng	99
72) Anthracene	11.563	178	1011559	48.208	ng	99
73) Carbazole	11.716	167	874116	46.517	ng	99
74) Di-n-butylphthalate	12.045	149	1086643	47.615	ng	99
75) Fluoranthene	12.704	202	992264	43.899	ng	98
77) Benzidine	12.821	184	501182	87.349	ng	99
78) Pyrene	12.933	202	983926	49.341	ng	99
80) Butylbenzylphthalate	13.551	149	378058	52.695	ng	92
81) Benzo(a)anthracene	14.121	228	739671	47.200	ng	99
82) 3,3'-Dichlorobenzidine	14.086	252	185856	43.943	ng	94
83) Chrysene	14.162	228	693874	45.904	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	469859	54.468	ng	98
85) Di-n-octyl phthalate	14.727	149	690887	58.031	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	742307	53.120	ng	99
88) Benzo(b)fluoranthene	15.198	252	687760	50.560	ng	99
89) Benzo(k)fluoranthene	15.233	252	592205	44.677	ng	98
90) Benzo(a)pyrene	15.586	252	575335	52.614	ng	99
91) Dibenzo(a,h)anthracene	17.221	278	642741	56.421	ng	99
92) Benzo(g,h,i)perylene	17.674	276	649279	55.866	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130832.D
 Acq: 28 Oct 2022 19:56

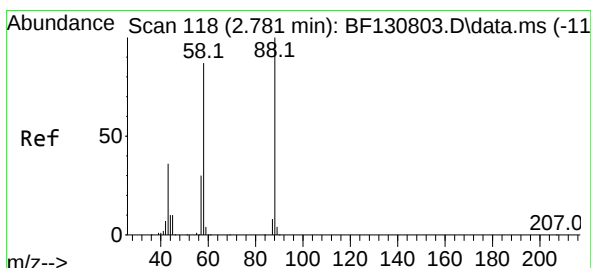
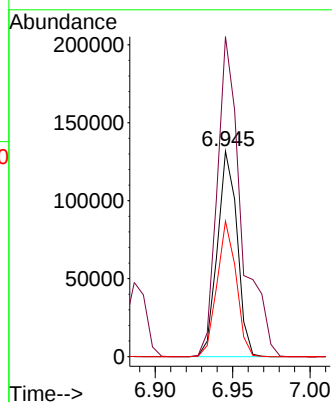
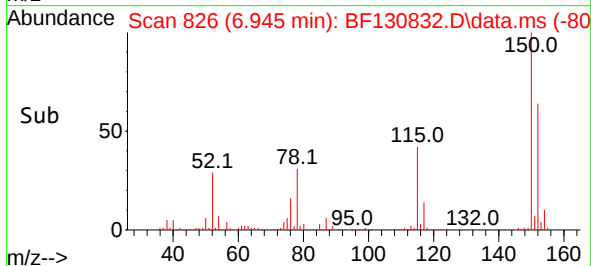
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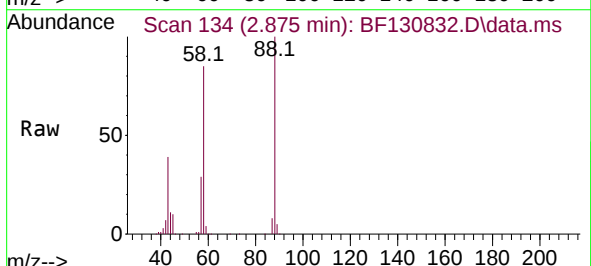
Tgt Ion:152 Resp: 116422
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.1 186.1
 115 65.9 50.1 75.1

Manual Integrations
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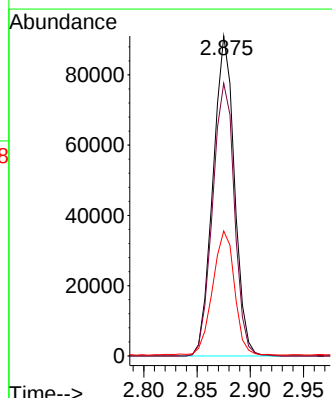
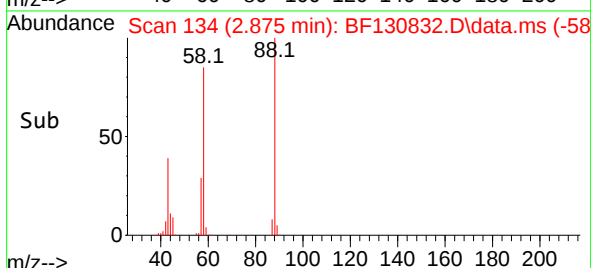
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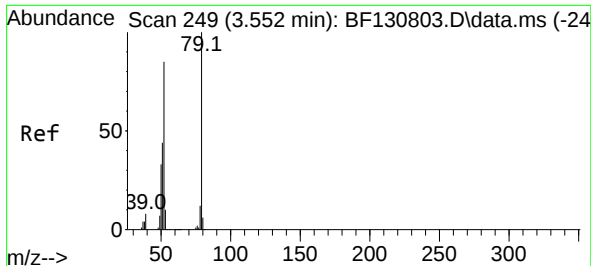


#2
 1,4-Dioxane
 Concen: 42.360 ng
 RT: 2.875 min Scan# 134
 Delta R.T. 0.100 min
 Lab File: BF130832.D
 Acq: 28 Oct 2022 19:56



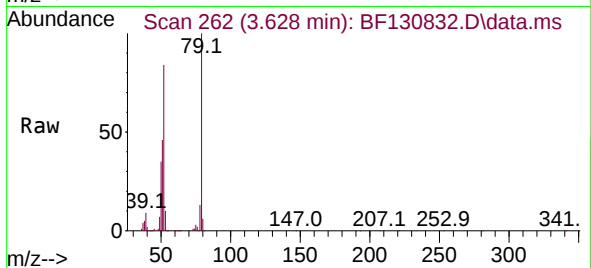
Tgt Ion: 88 Resp: 127543
 Ion Ratio Lower Upper
 88 100
 58 87.1 64.7 97.1
 43 39.9 26.5 39.7#





#3
Pyridine
Concen: 40.357 ng
RT: 3.628 min Scan# 249
Delta R.T. 0.082 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

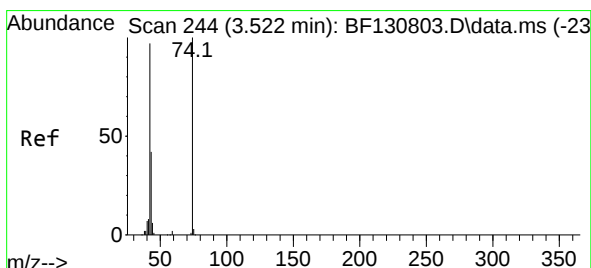
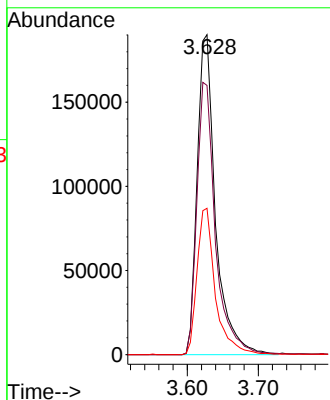
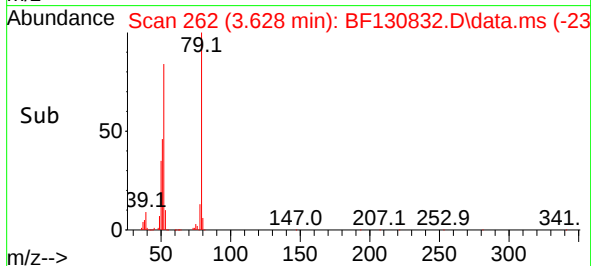
Instrument :
BNA_F
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Tgt Ion: 79 Resp: 340346
Ion Ratio Lower Upper
79 100
52 84.1 68.2 102.4
51 45.7 35.2 52.8

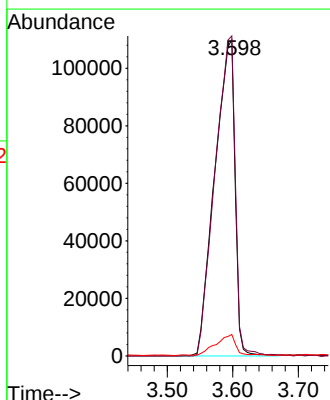
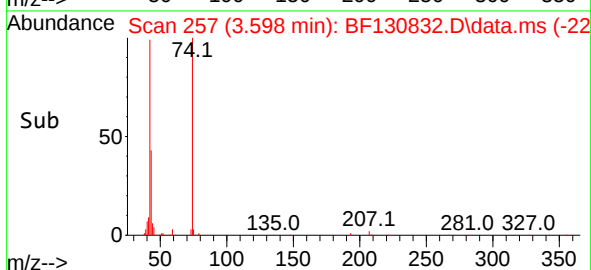
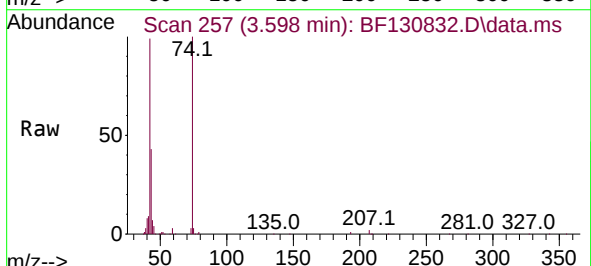
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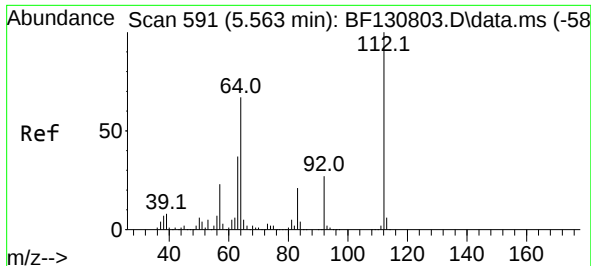
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#4
n-Nitrosodimethylamine
Concen: 49.805 ng
RT: 3.598 min Scan# 257
Delta R.T. 0.082 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion: 42 Resp: 235796
Ion Ratio Lower Upper
42 100
74 101.3 82.8 124.2
44 6.8 6.0 9.0





#5
2-Fluorophenol
Concen: 113.755 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.018 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

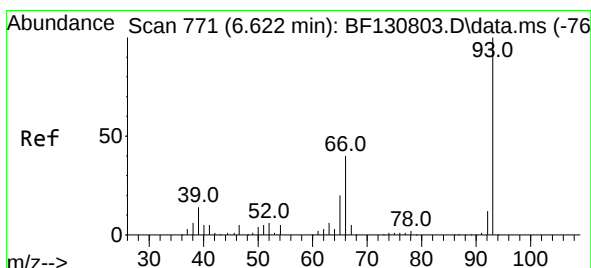
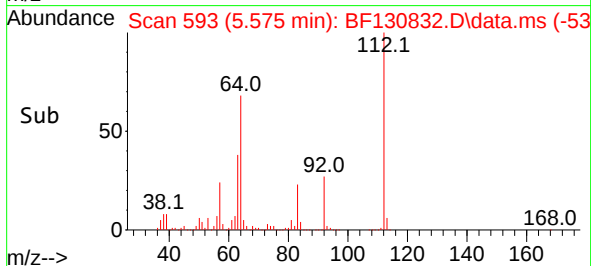
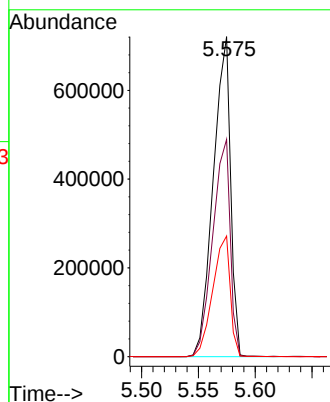
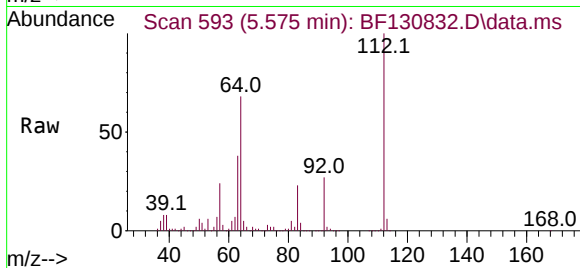
ClientSampleId :

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Tgt Ion:112 Resp: 763928
Ion Ratio Lower Upper
112 100
64 67.9 53.9 80.9
63 37.7 29.4 44.2

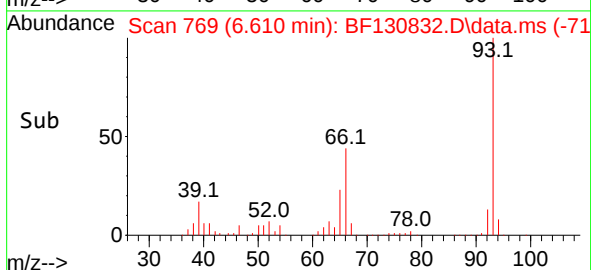
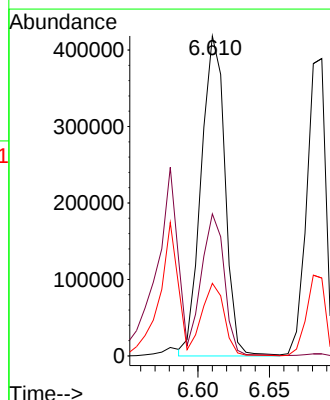
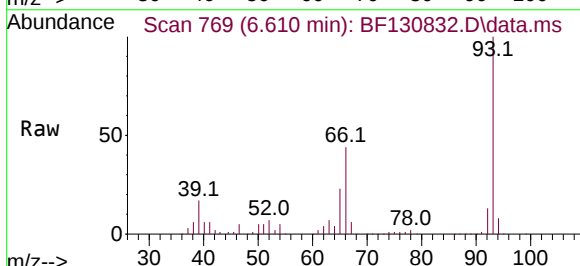
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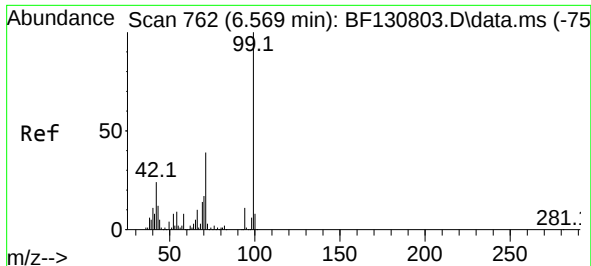
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#6
Aniline
Concen: 44.987 ng m
RT: 6.610 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

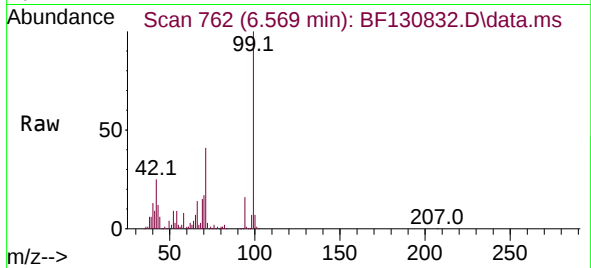
Tgt Ion: 93 Resp: 485462
Ion Ratio Lower Upper
93 100
66 44.4 33.8 50.8
65 22.7 17.2 25.8





#7
Phenol-d6
Concen: 113.985 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

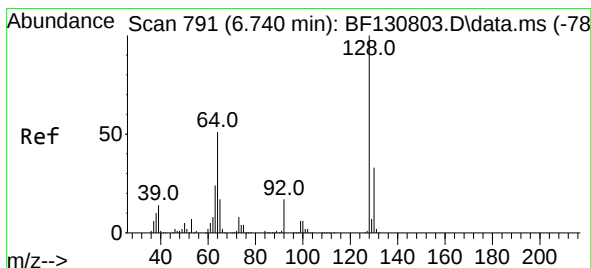
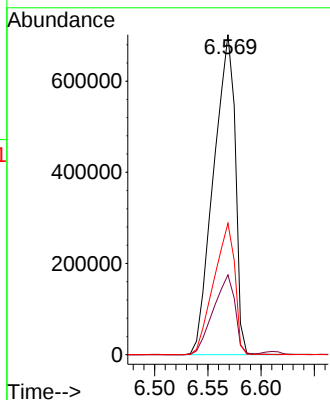
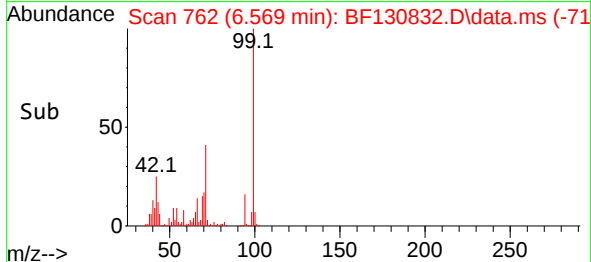
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Tgt Ion: 99 Resp: 994736
Ion Ratio Lower Upper
99 100
42 24.9 18.8 28.2
71 41.0 31.4 47.0

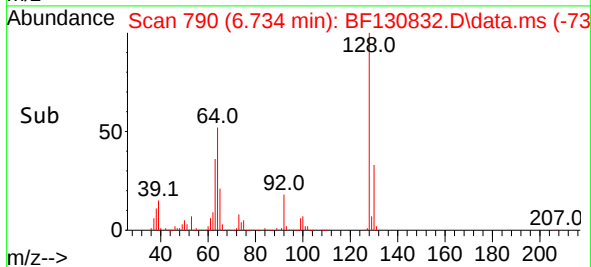
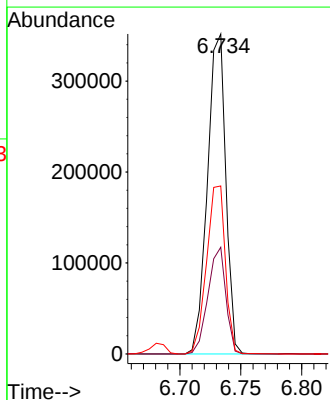
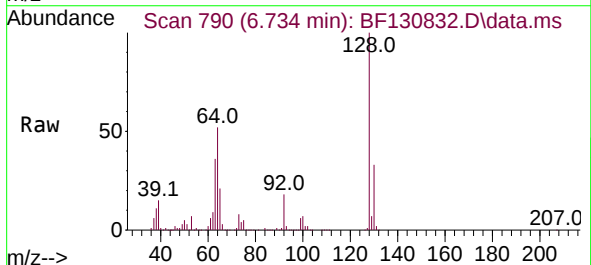
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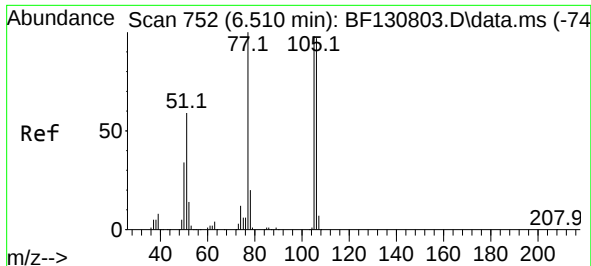
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#8
2-Chlorophenol
Concen: 49.470 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

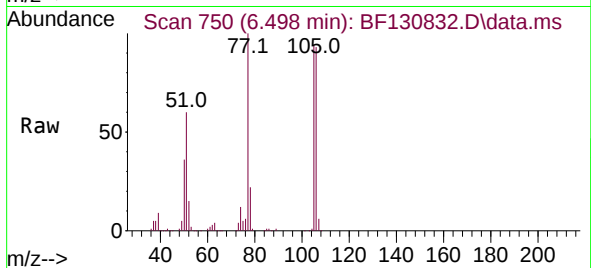
Tgt Ion:128 Resp: 370085
Ion Ratio Lower Upper
128 100
130 33.3 12.7 52.7
64 52.5 31.3 71.3





#9
Benzaldehyde
Concen: 31.972 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

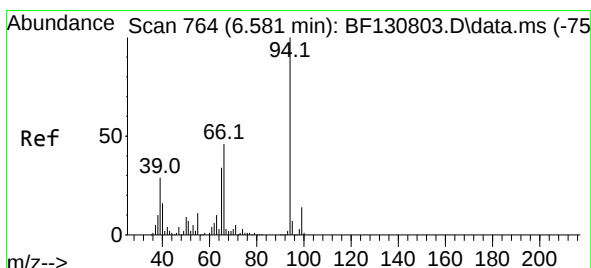
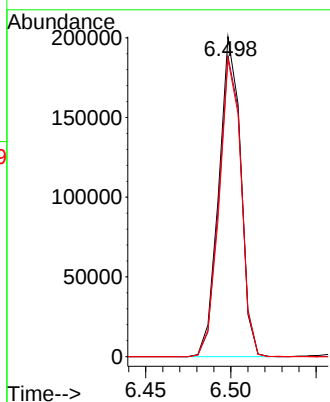
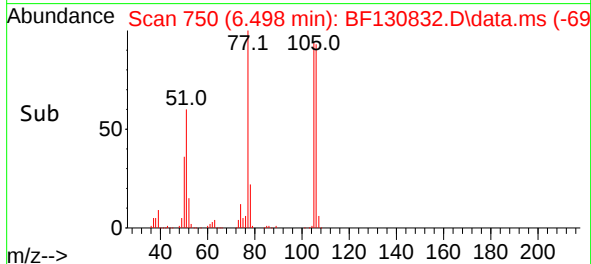
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Tgt Ion: 77 Resp: 178572
Ion Ratio Lower Upper
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105 93.9 78.2 118.2
106 92.9 76.6 116.6

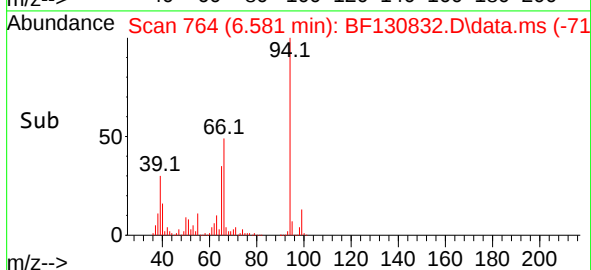
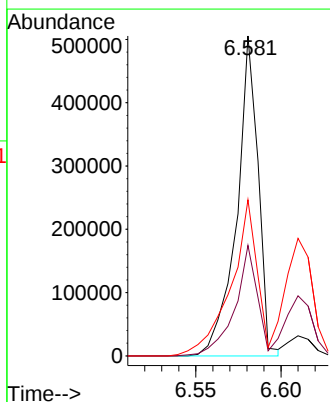
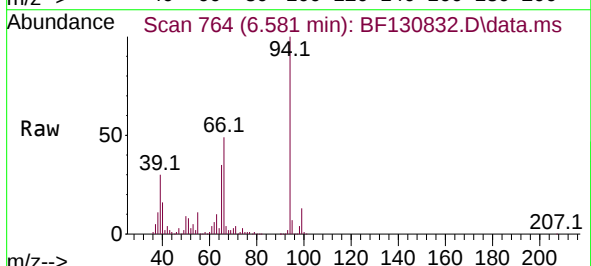
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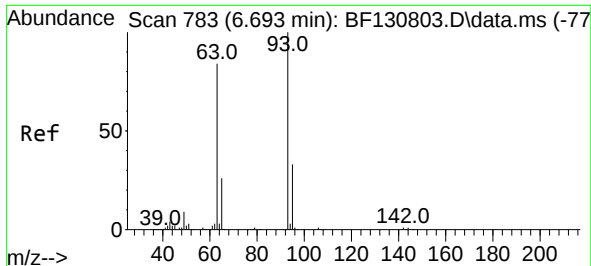
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Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 46.985 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion: 94 Resp: 441244
Ion Ratio Lower Upper
94 100
65 34.5 13.7 53.7
66 48.8 26.5 66.5





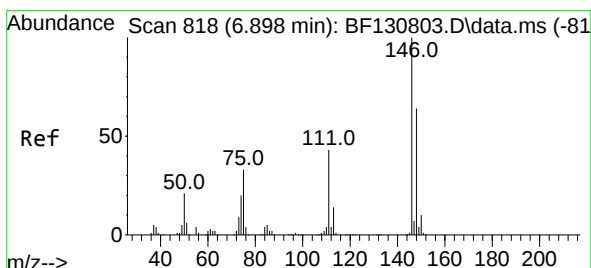
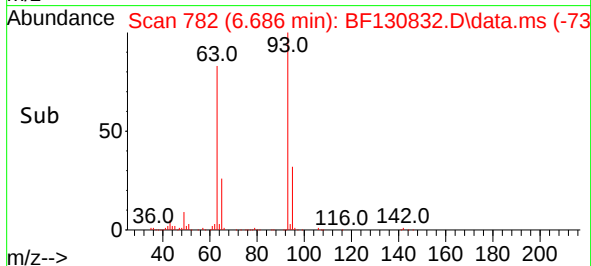
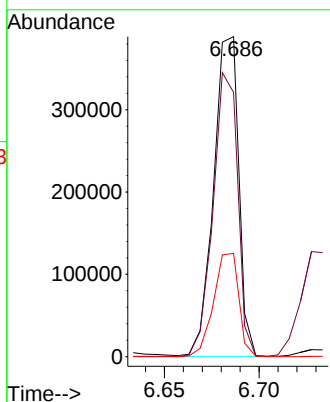
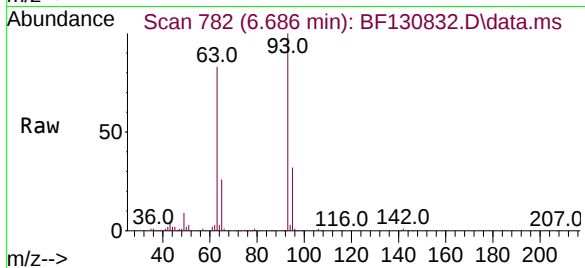
#11
bis(2-Chloroethyl)ether
Concen: 49.055 ng
RT: 6.686 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion: 93 Resp: 359125
Ion Ratio Lower Upper
93 100
63 82.6 63.4 103.4
95 32.3 12.6 52.6

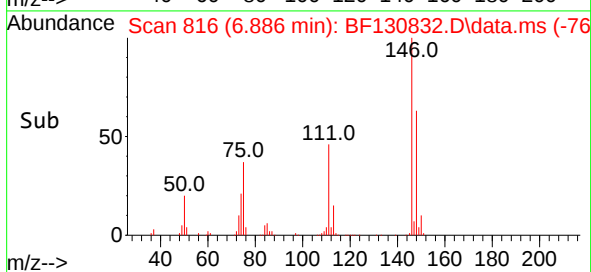
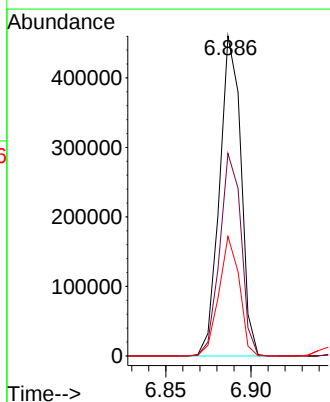
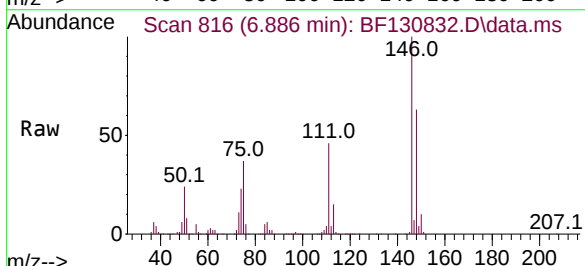
Manual Integrations
APPROVED

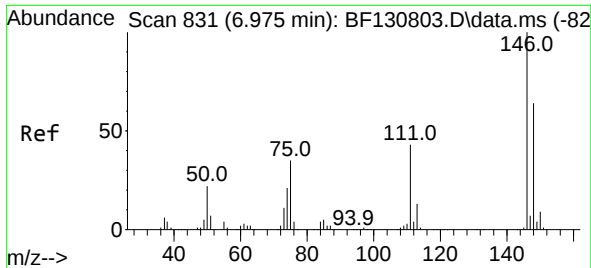
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 47.332 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

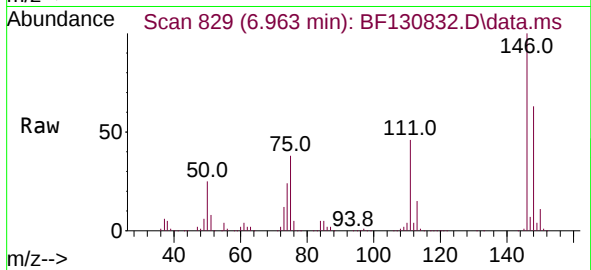
Tgt Ion:146 Resp: 401236
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 37.3 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 47.050 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

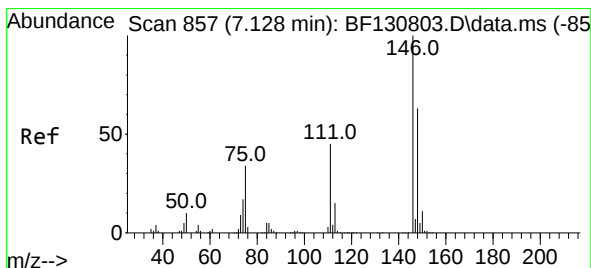
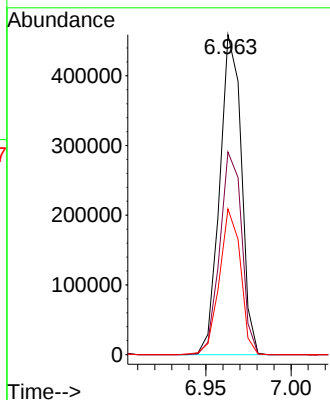
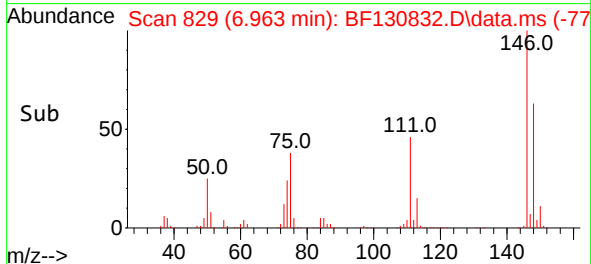
Instrument :
BNA_F
ClientSampleId :
SB-12MS



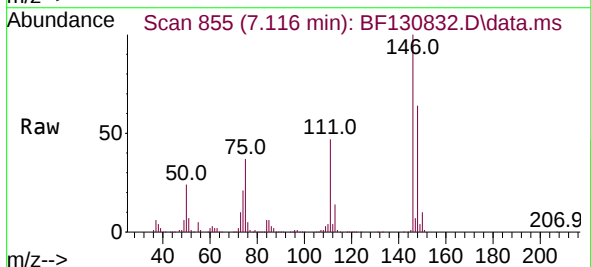
Tgt Ion:146 Resp: 404849
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 45.5 34.6 51.8

Manual Integrations
APPROVED

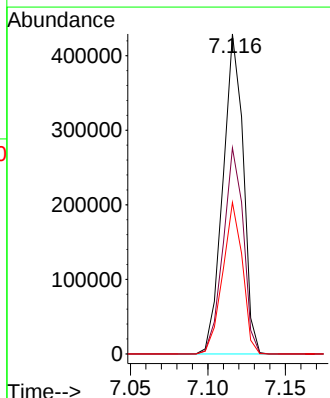
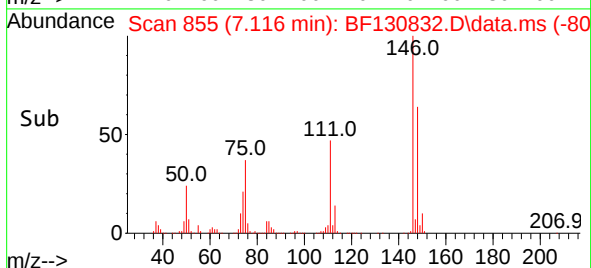
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

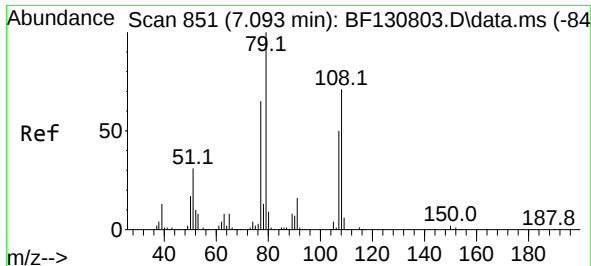


#14
1,2-Dichlorobenzene
Concen: 49.386 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



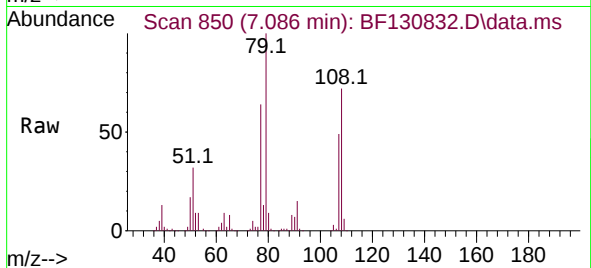
Tgt Ion:146 Resp: 393559
Ion Ratio Lower Upper
146 100
148 64.4 50.6 76.0
111 47.3 36.3 54.5





#15
Benzyl Alcohol
Concen: 48.022 ng
RT: 7.086 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

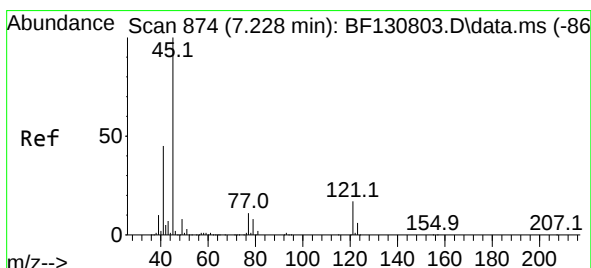
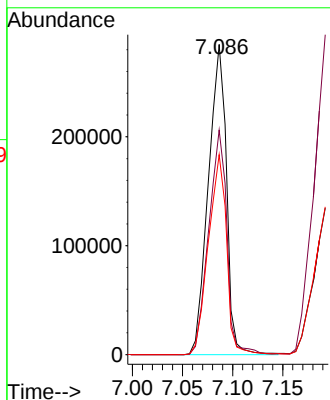
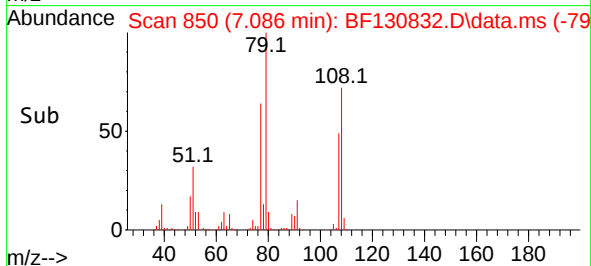
Instrument :
BNA_F
ClientSampleId :
SB-12MS



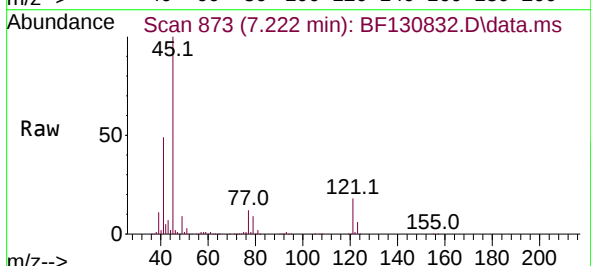
Tgt Ion: 79 Resp: 356354
Ion Ratio Lower Upper
79 100
108 72.4 56.4 84.6
77 64.4 51.8 77.8

Manual Integrations
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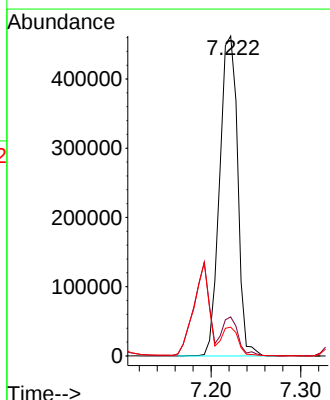
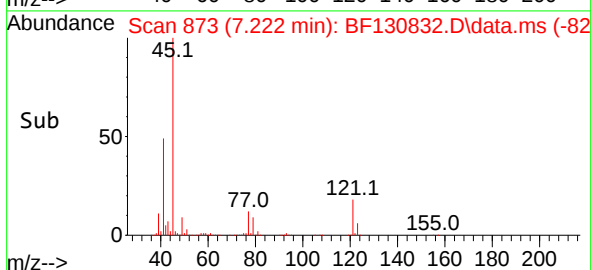
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

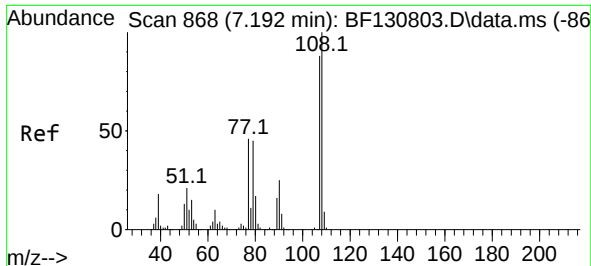


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.359 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



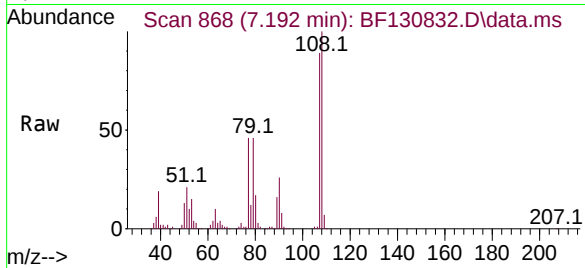
Tgt Ion: 45 Resp: 644097
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.2
79 9.0 0.0 28.4





#17
2-Methylphenol
Concen: 48.094 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

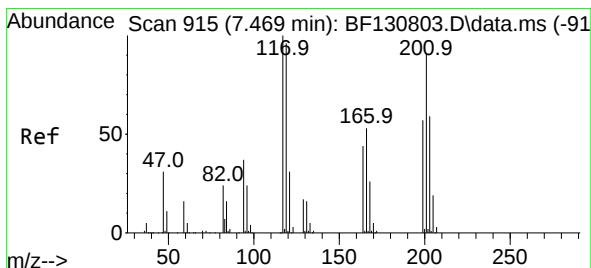
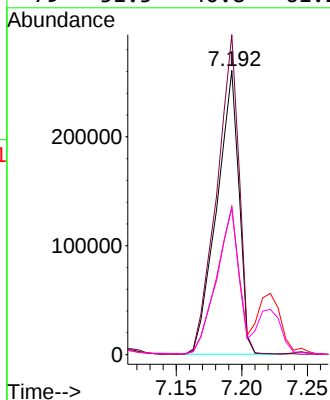
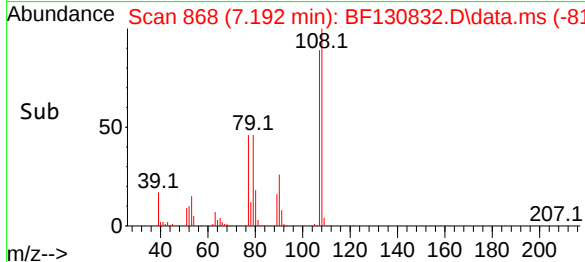
Instrument :
BNA_F
ClientSampleId :
SB-12MS



Tgt Ion:107 Resp: 307516
Ion Ratio Lower Upper
107 100
108 112.7 90.5 135.7
77 52.0 41.2 61.8
79 51.5 40.8 61.2

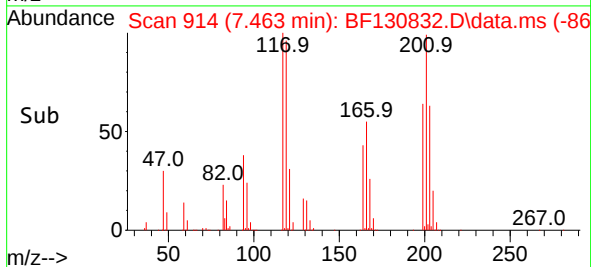
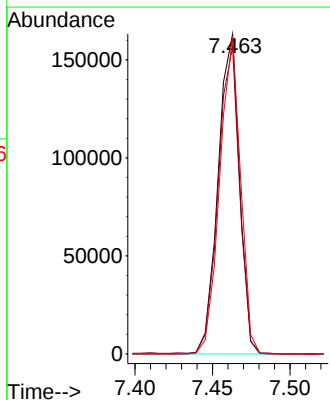
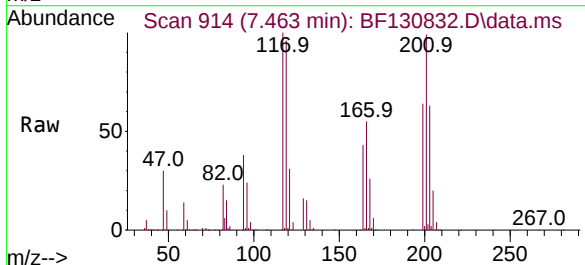
Manual Integrations
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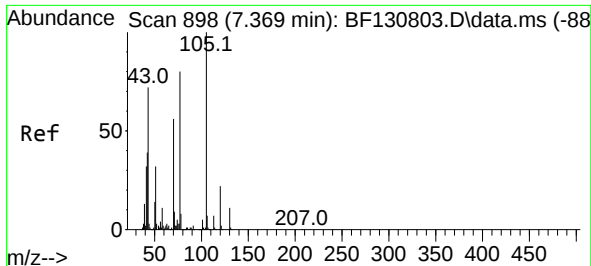
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 50.332 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

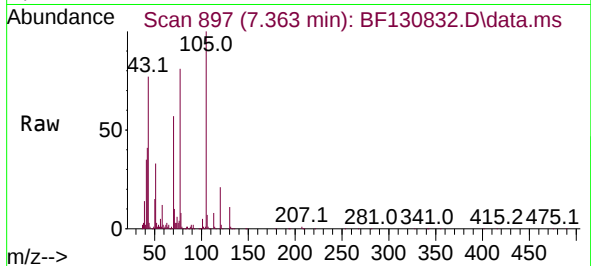
Tgt Ion:117 Resp: 156524
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
201 99.5 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 46.602 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

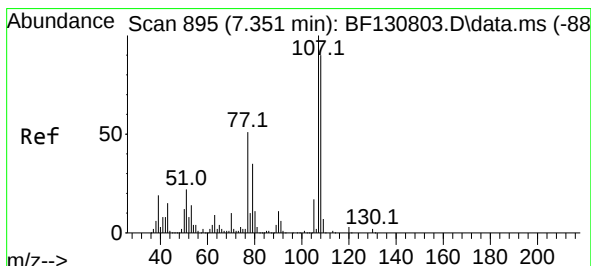
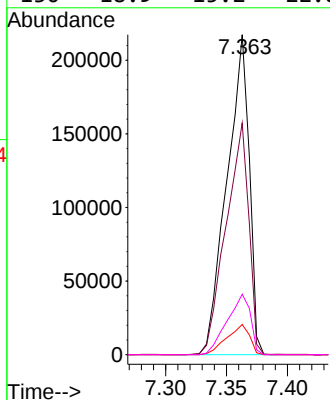
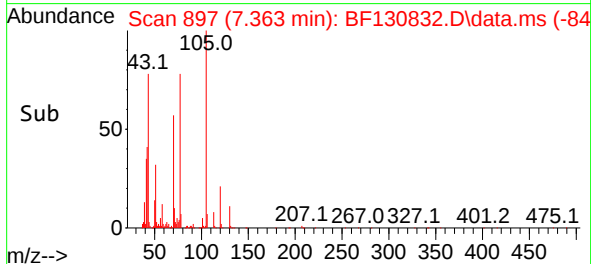
Instrument :
BNA_F
ClientSampleId :
SB-12MS



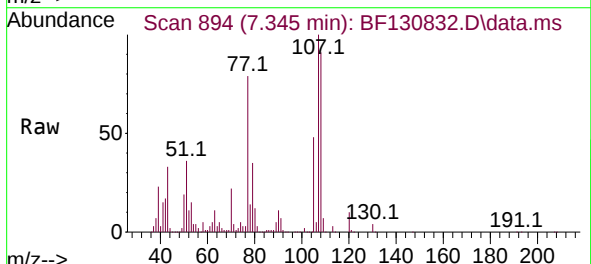
Tgt Ion: 70 Resp: 276704
Ion Ratio Lower Upper
70 100
42 72.4 56.1 84.1
101 9.4 7.3 10.9
130 18.9 15.2 22.8

Manual Integrations
APPROVED

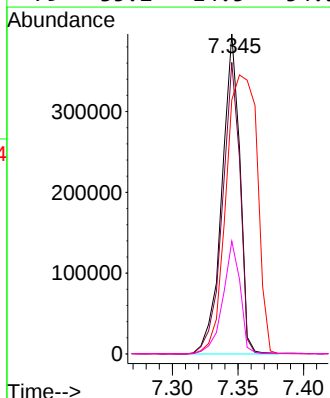
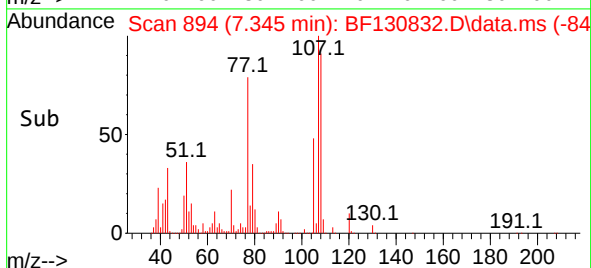
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

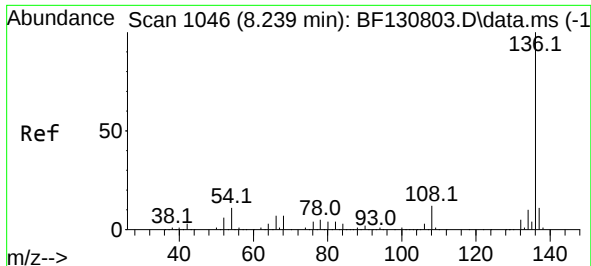


#20
3+4-Methylphenols
Concen: 45.345 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



Tgt Ion:107 Resp: 376979
Ion Ratio Lower Upper
107 100
108 91.1 70.4 110.4
77 79.4 31.1 71.1#
79 35.2 14.5 54.5





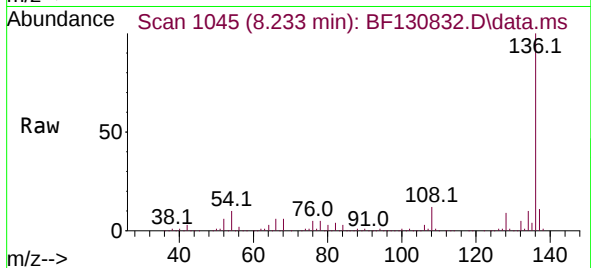
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

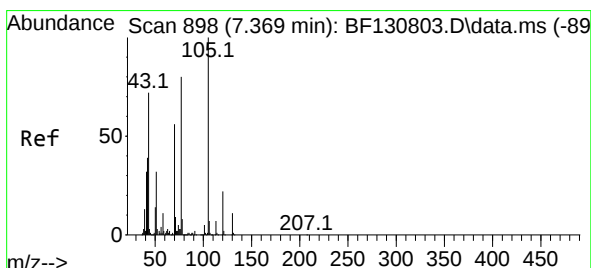
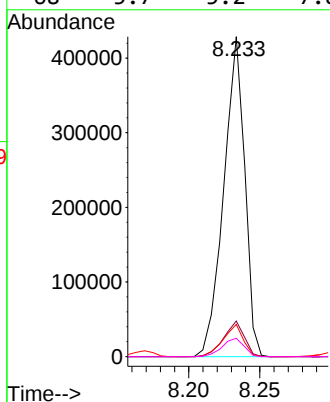
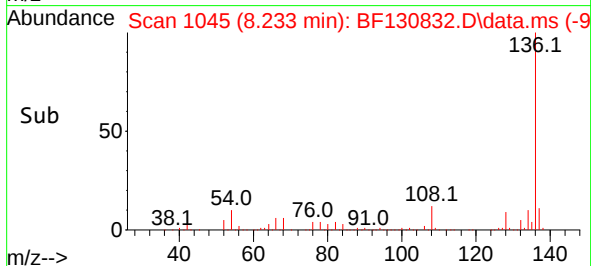


Tgt Ion:136 Resp: 439985
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.1 8.8 13.2
68 5.7 5.2 7.8

Manual Integrations

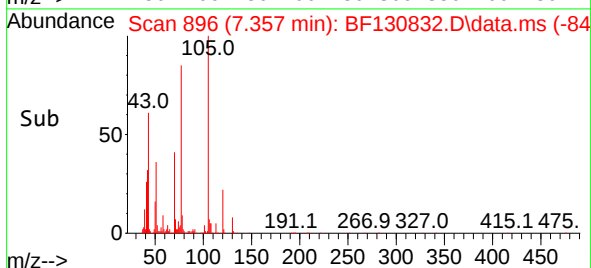
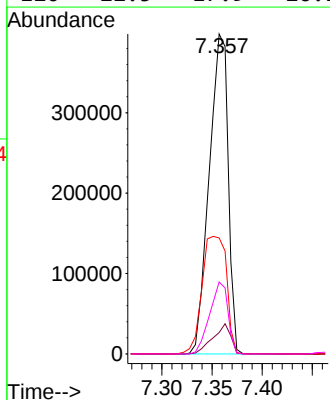
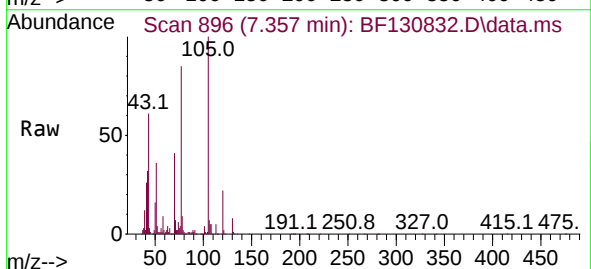
APPROVED

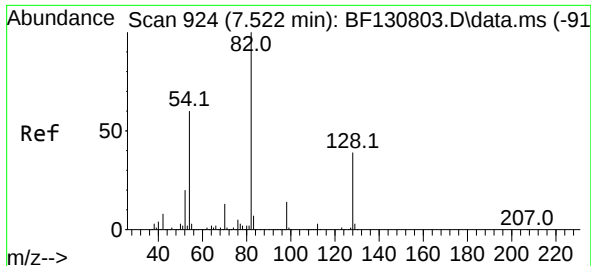
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 49.100 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:105 Resp: 523784
Ion Ratio Lower Upper
105 100
71 6.7 7.2 10.8#
51 36.2 25.9 38.9
120 22.5 17.9 26.9





#23

Nitrobenzene-d5

Concen: 86.928 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion: 82 Resp: 634289

Ion Ratio Lower Upper

82 100

128 39.7 31.2 46.8

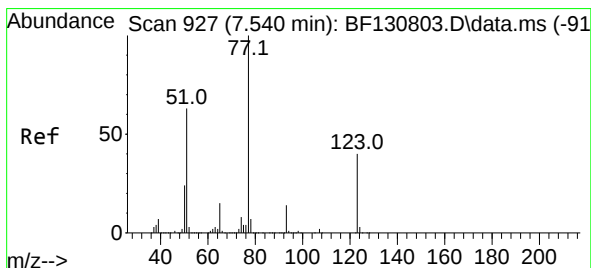
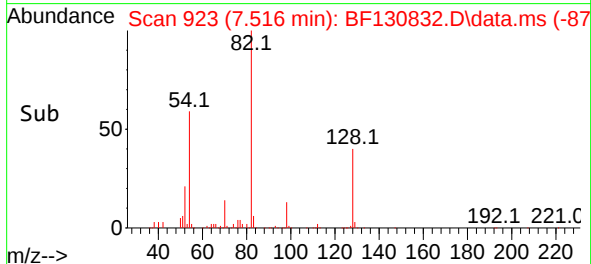
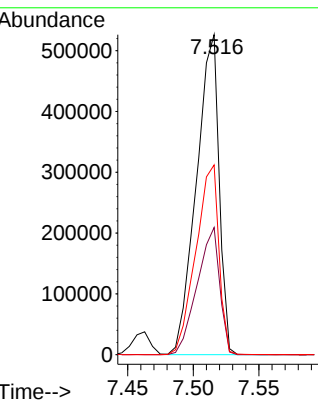
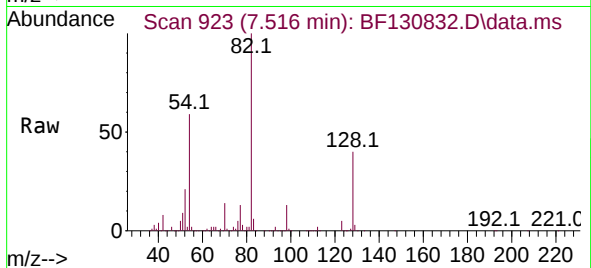
54 59.3 48.0 72.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#24

Nitrobenzene

Concen: 51.728 ng

RT: 7.534 min Scan# 926

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

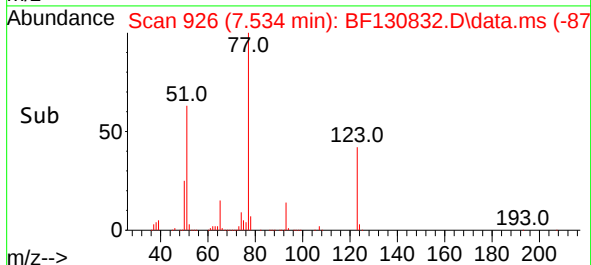
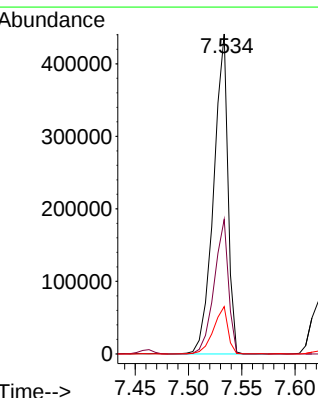
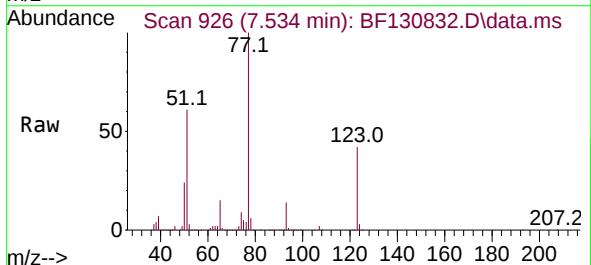
Tgt Ion: 77 Resp: 412724

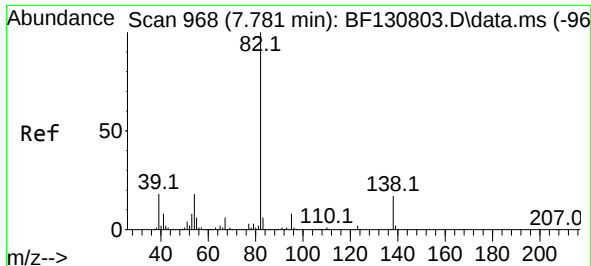
Ion Ratio Lower Upper

77 100

123 42.0 32.2 48.2

65 14.8 12.0 18.0





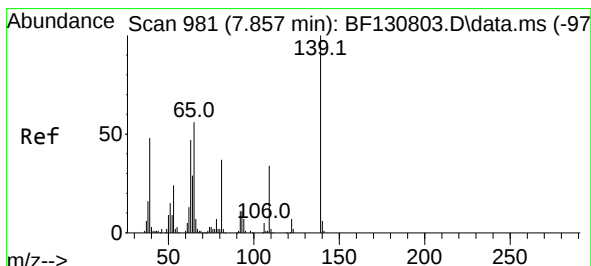
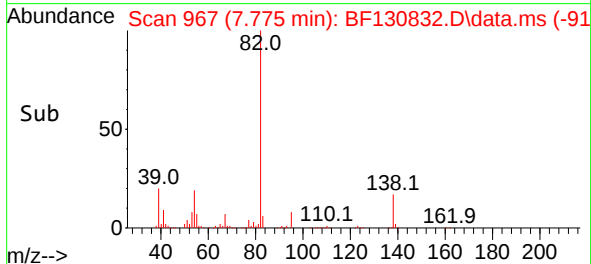
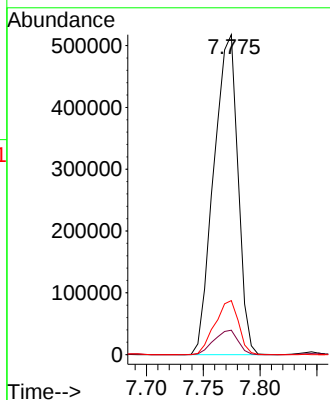
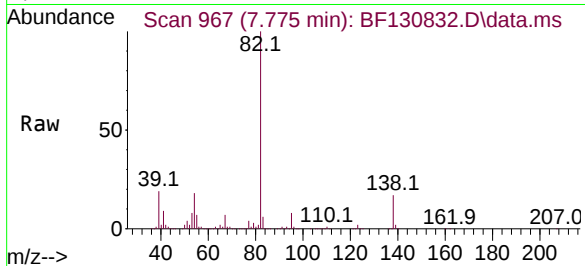
#25
Isophorone
Concen: 50.771 ng
RT: 7.775 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion: 82 Resp: 763949
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 16.9 13.8 20.6

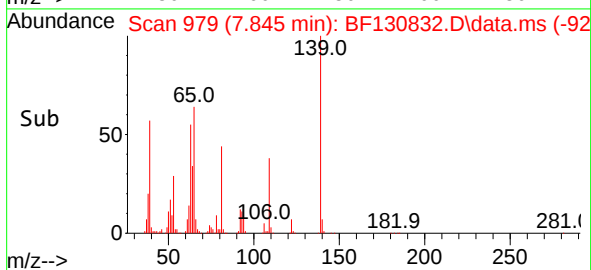
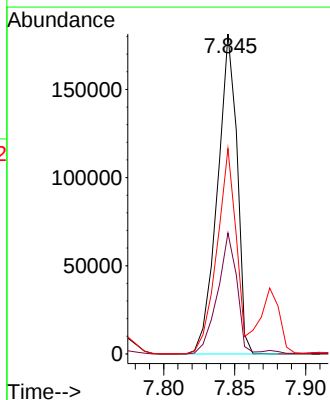
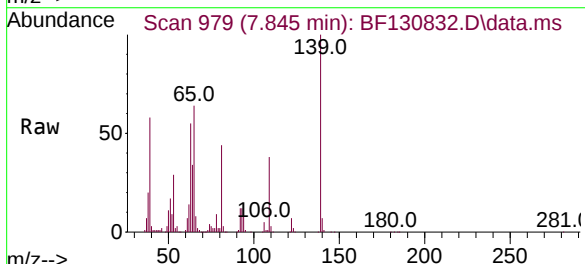
Manual Integrations
APPROVED

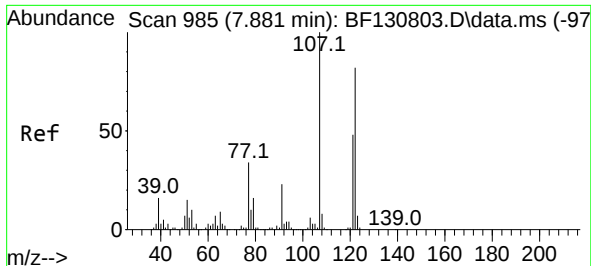
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 54.985 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:139 Resp: 175016
Ion Ratio Lower Upper
139 100
109 37.8 27.3 40.9
65 64.2 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 54.690 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:122 Resp: 34248

Ion Ratio Lower Upper

122 100

107 123.1 97.1 145.7

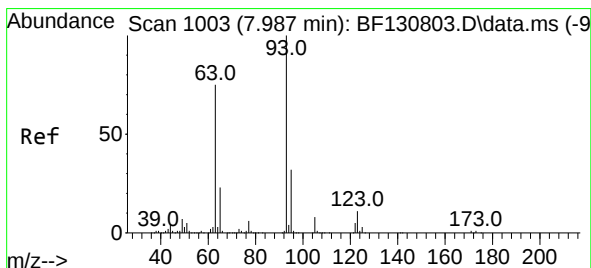
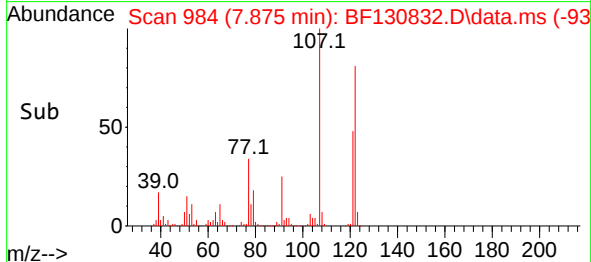
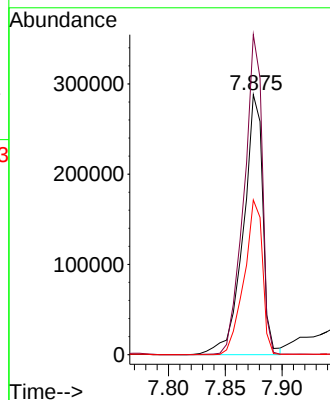
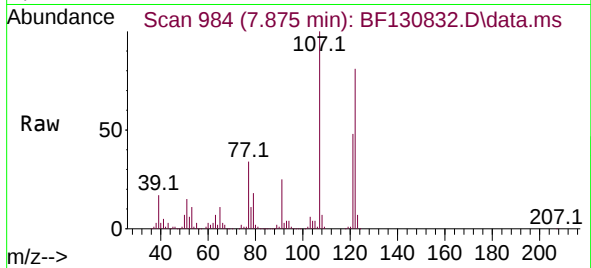
121 59.5 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.811 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

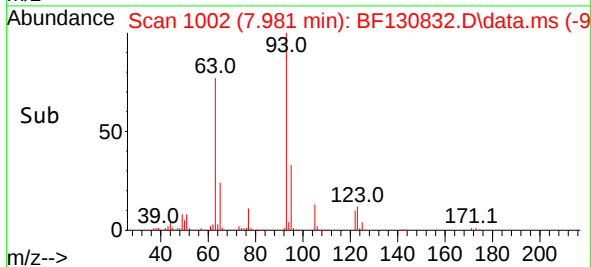
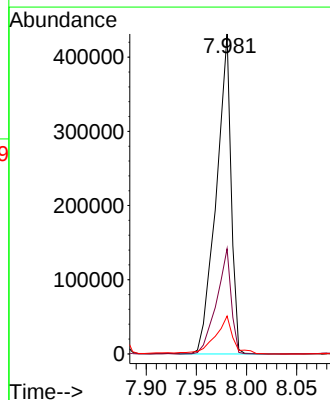
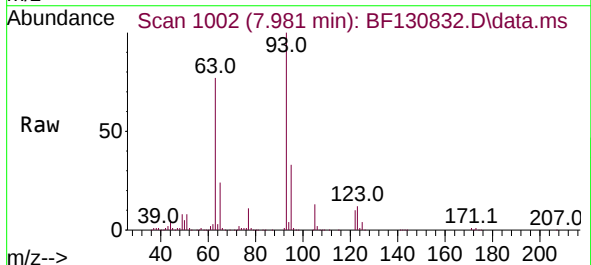
Tgt Ion: 93 Resp: 443799

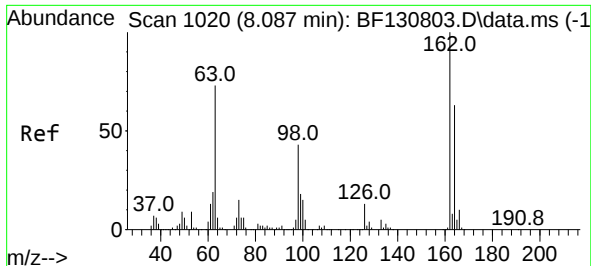
Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.533 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

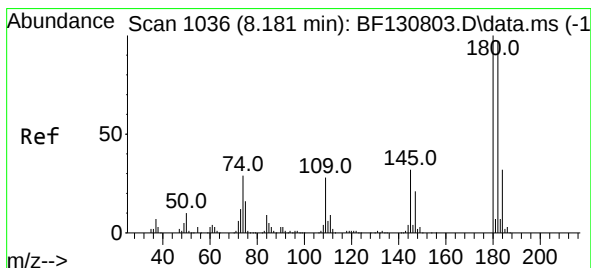
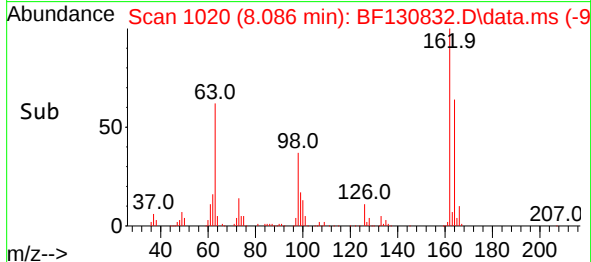
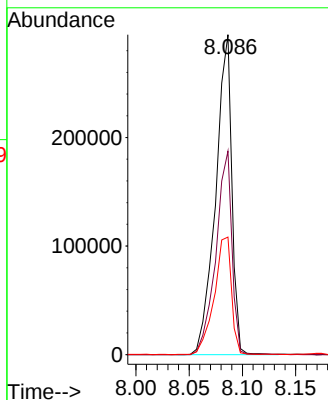
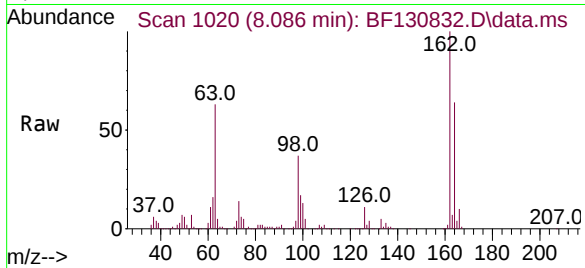
Tgt Ion:	162	Resp:	31264
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.2	83.2
98	36.7	22.8	62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.985 ng

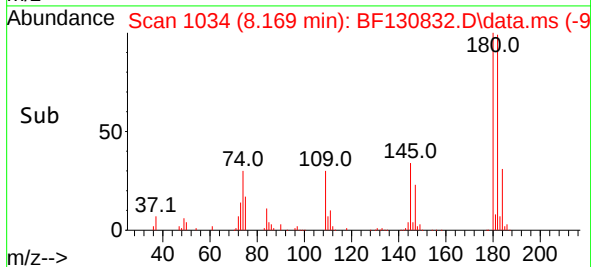
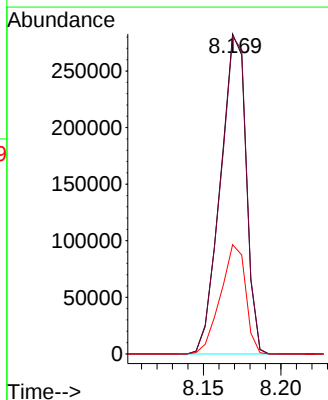
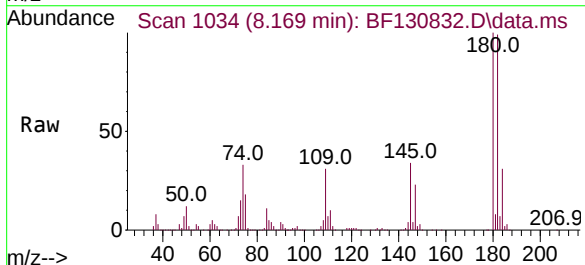
RT: 8.169 min Scan# 1034

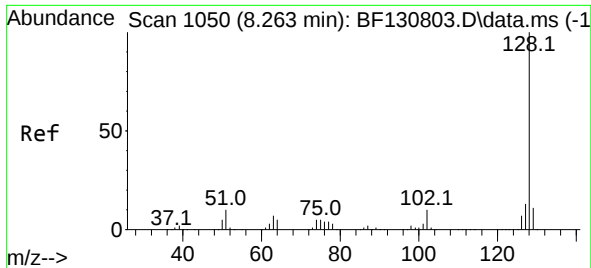
Delta R.T. -0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

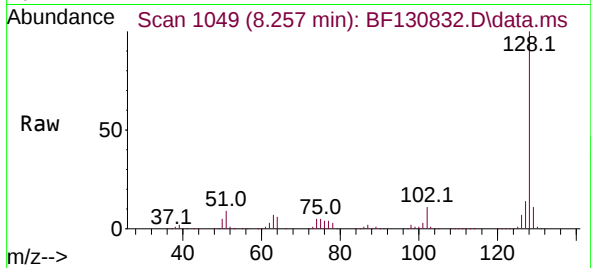
Tgt Ion:	180	Resp:	325474
Ion Ratio	Lower	Upper	
180	100		
182	99.2	77.7	116.5
145	34.1	25.9	38.9





#31
Naphthalene
Concen: 45.877 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

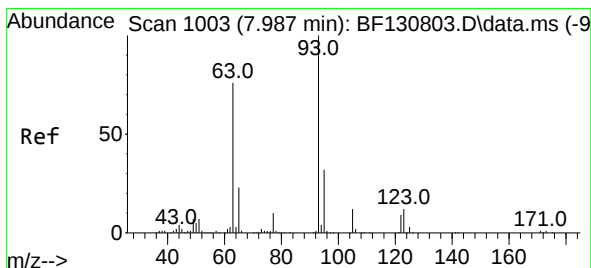
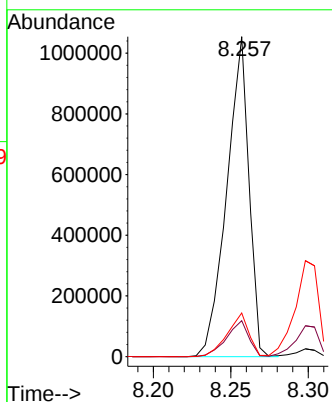
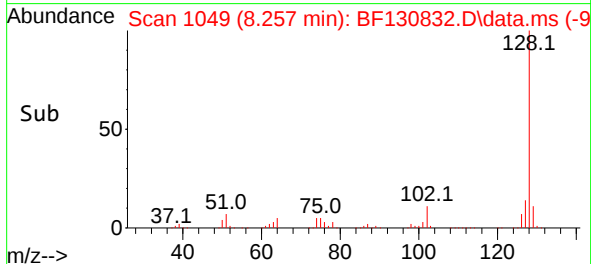
Instrument :
BNA_F
ClientSampleId :
SB-12MS



Tgt Ion:128 Resp: 1053123
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.6 16.0

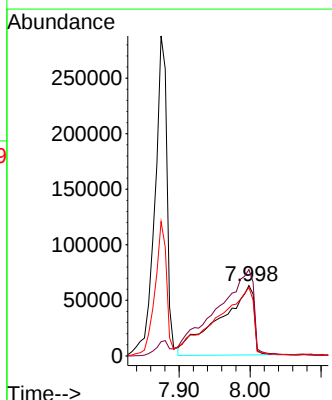
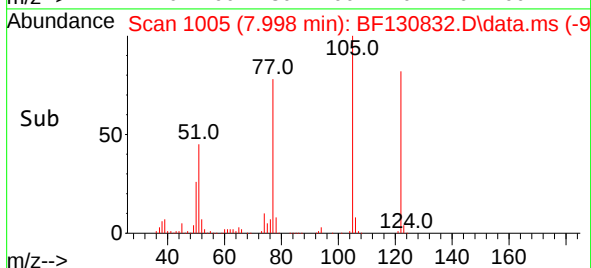
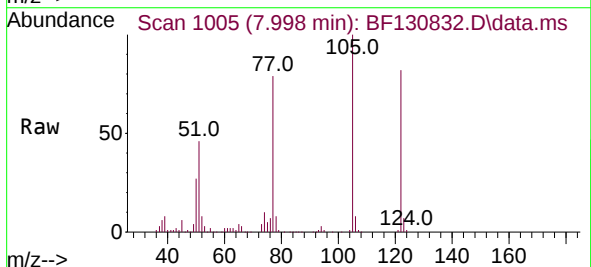
Manual Integrations
APPROVED

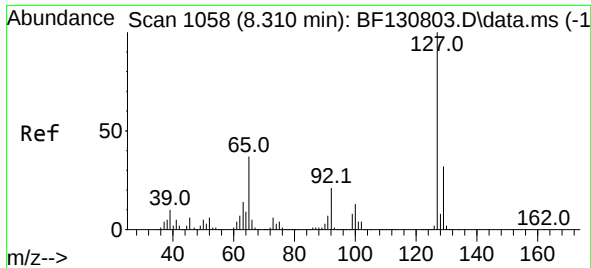
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 48.064 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.012 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:122 Resp: 213967
Ion Ratio Lower Upper
122 100
105 122.7 114.5 154.5
77 97.3 89.8 129.8





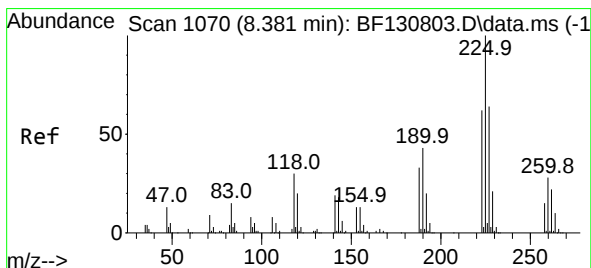
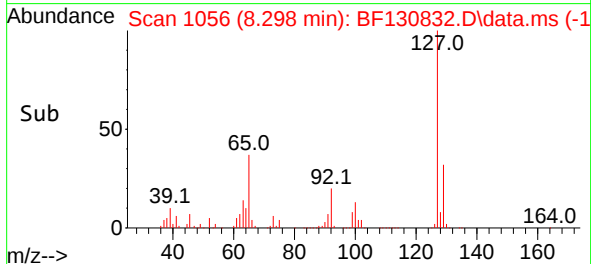
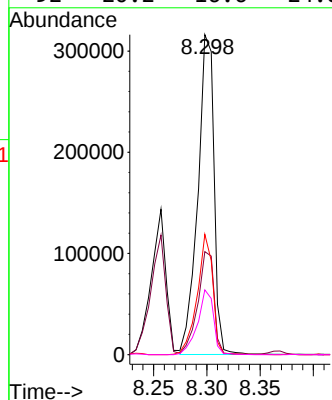
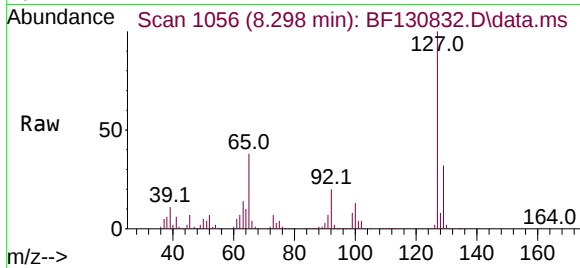
#33
4-Chloroaniline
Concen: 36.825 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion:	127	Resp:	33403
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.6	38.4
65	37.6	29.4	44.2
92	20.2	16.6	24.8

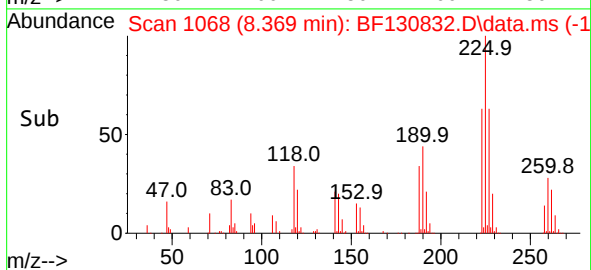
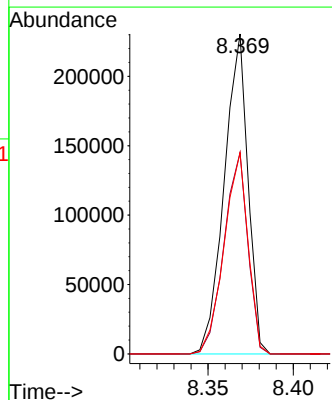
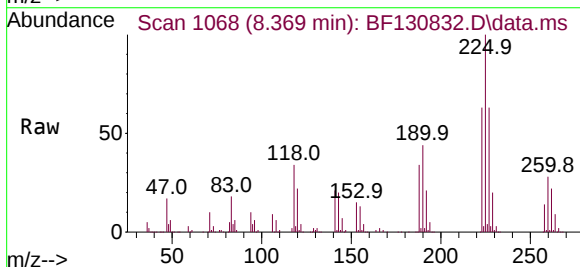
Manual Integrations
APPROVED

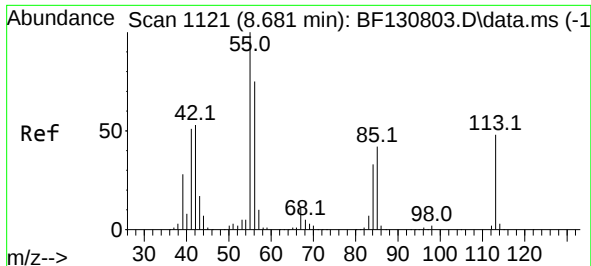
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 48.513 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

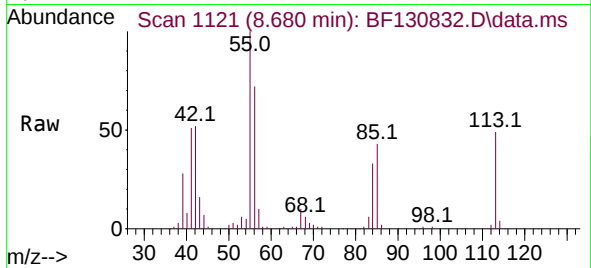
Tgt Ion:	225	Resp:	223082
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.9	74.9
227	62.8	51.5	77.3





#35
 Caprolactam
 Concen: 47.271 ng m
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF130832.D
 Acq: 28 Oct 2022 19:56

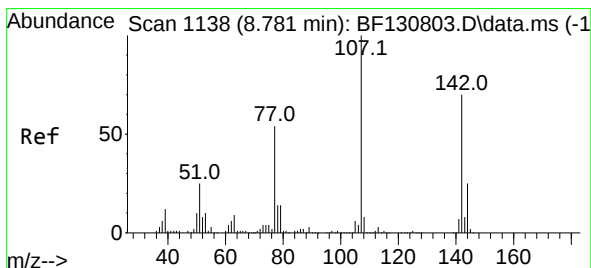
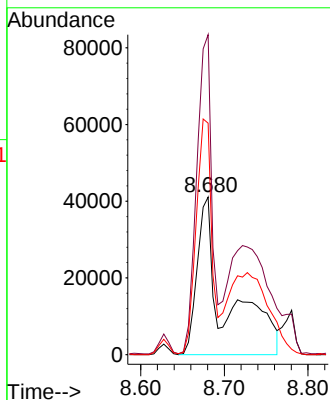
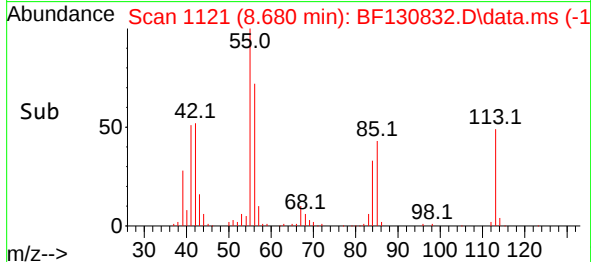
Instrument :
 BNA_F
 ClientSampleId :
 SB-12MS



Tgt Ion:113 Resp: 97584
 Ion Ratio Lower Upper
 113 100
 55 203.1 187.0 227.0
 56 146.8 134.2 174.2

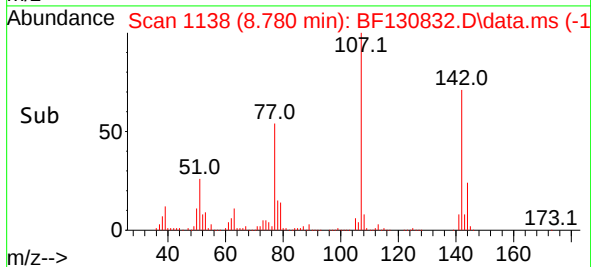
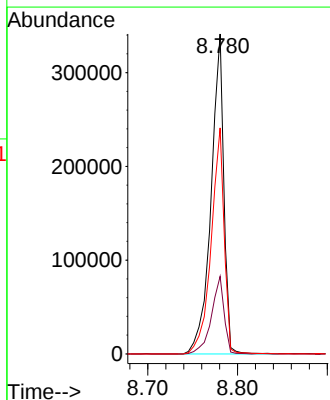
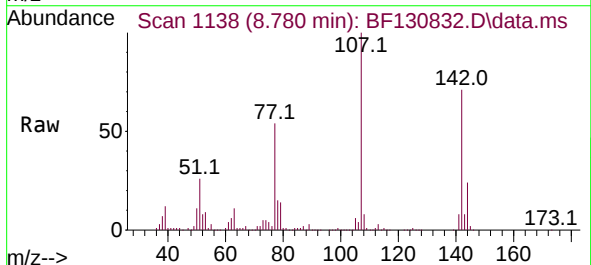
Manual Integrations
 APPROVED

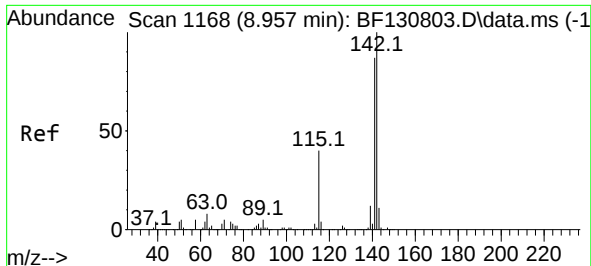
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#36
 4-Chloro-3-methylphenol
 Concen: 48.409 ng
 RT: 8.780 min Scan# 1138
 Delta R.T. 0.006 min
 Lab File: BF130832.D
 Acq: 28 Oct 2022 19:56

Tgt Ion:107 Resp: 338267
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.8 29.8
 142 70.6 56.0 84.0





#37

2-Methylnaphthalene

Concen: 46.914 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:142 Resp: 677410

Ion Ratio Lower Upper

142 100

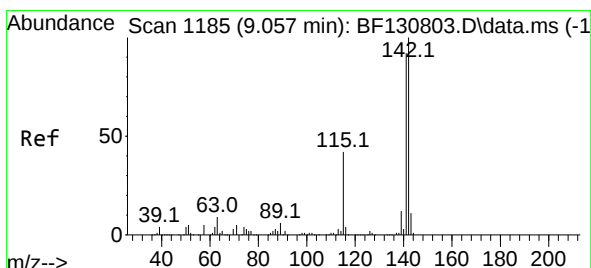
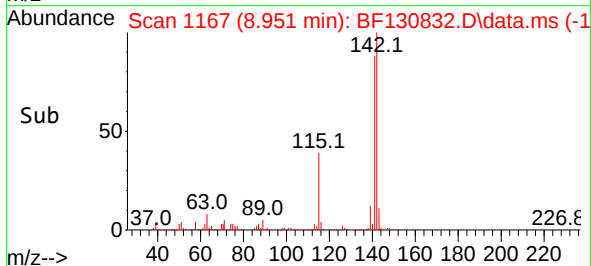
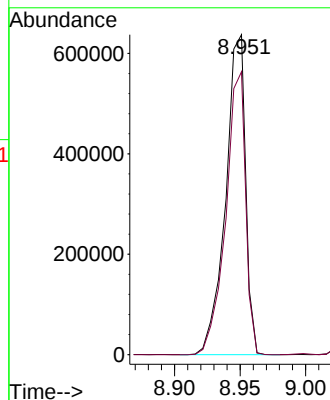
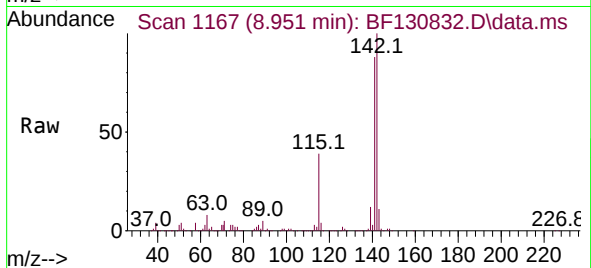
141 88.4 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 45.697 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF130832.D

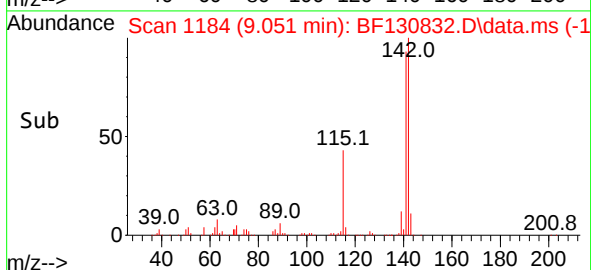
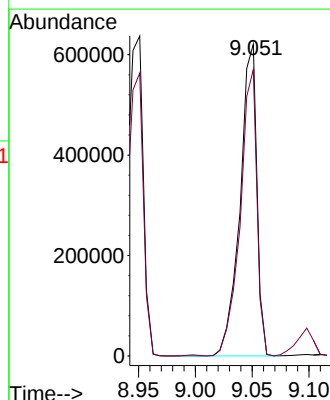
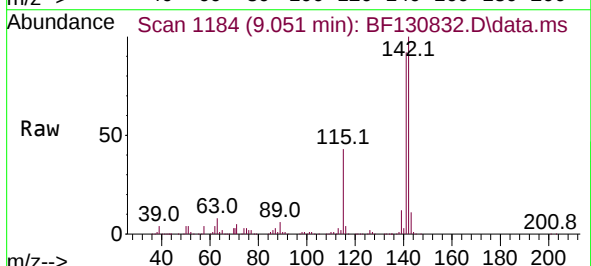
Acq: 28 Oct 2022 19:56

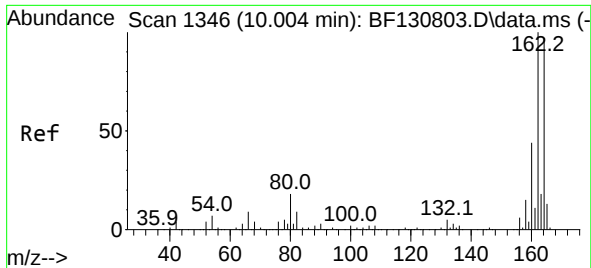
Tgt Ion:142 Resp: 642144

Ion Ratio Lower Upper

142 100

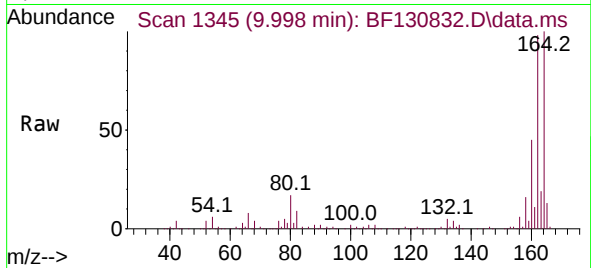
141 91.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

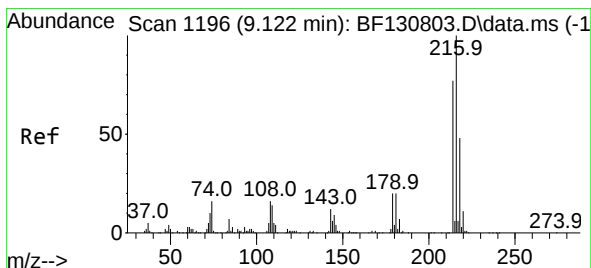
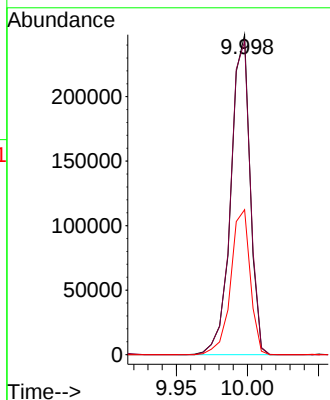
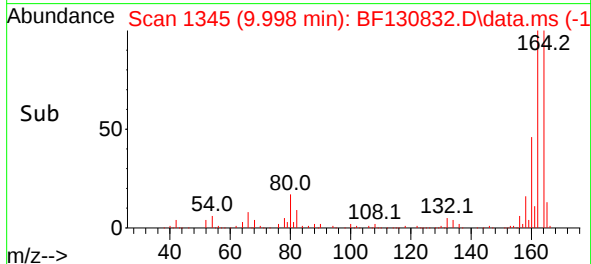
Instrument :
BNA_F
ClientSampleId :
SB-12MS



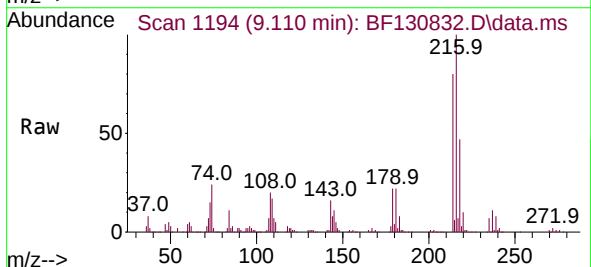
Tgt Ion:164 Resp: 232247
Ion Ratio Lower Upper
164 100
162 97.9 82.2 123.2
160 45.3 36.6 54.8

Manual Integrations
APPROVED

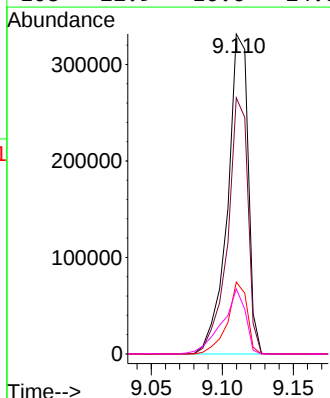
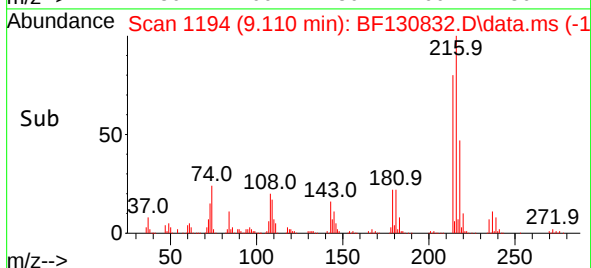
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

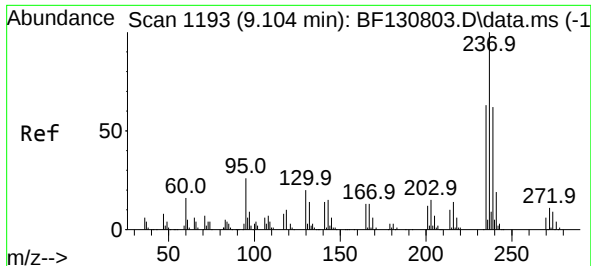


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.777 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



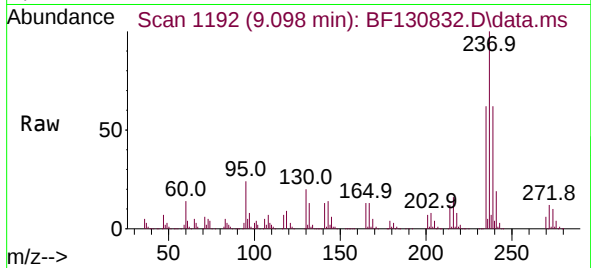
Tgt Ion:216 Resp: 334421
Ion Ratio Lower Upper
216 100
214 78.4 62.7 94.1
179 21.3 16.9 25.3
108 22.9 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 129.801 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

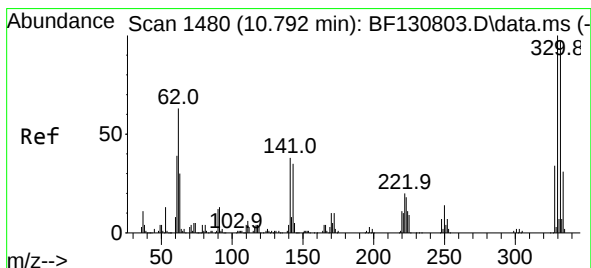
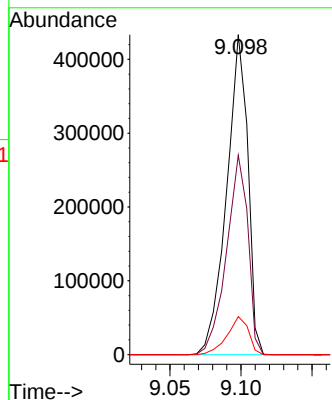
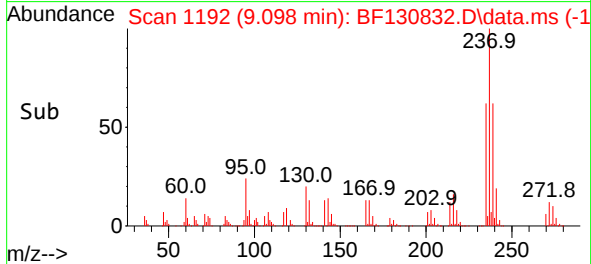
Instrument :
BNA_F
ClientSampleId :
SB-12MS



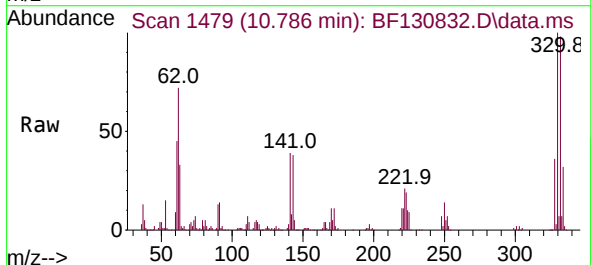
Tgt Ion:237 Resp: 449179
Ion Ratio Lower Upper
237 100
235 62.3 43.5 83.5
272 11.9 0.0 31.4

Manual Integrations
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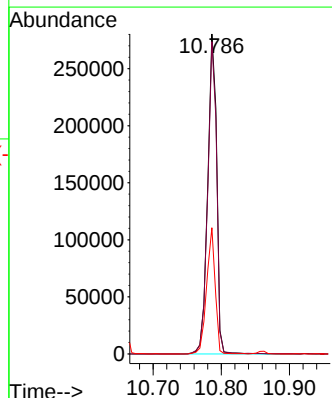
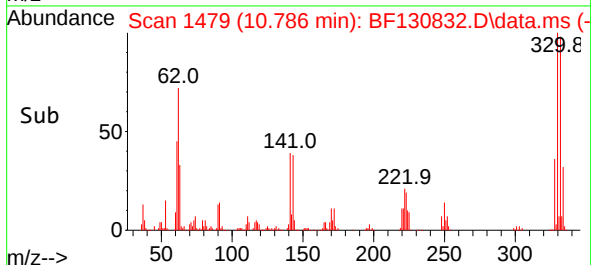
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

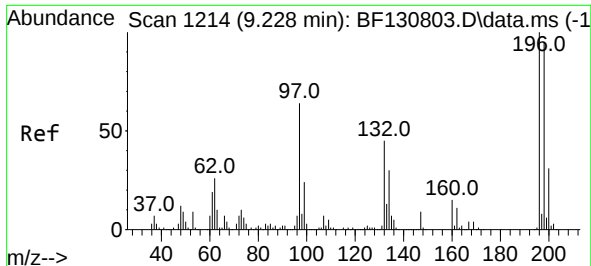


#42
2,4,6-Tribromophenol
Concen: 131.451 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



Tgt Ion:330 Resp: 256993
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 37.8 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 51.494 ng

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:196 Resp: 235659

Ion Ratio Lower Upper

196 100

198 96.9 76.1 114.1

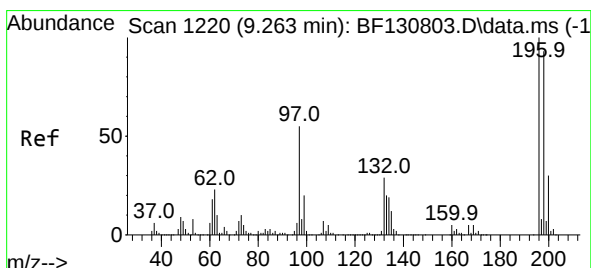
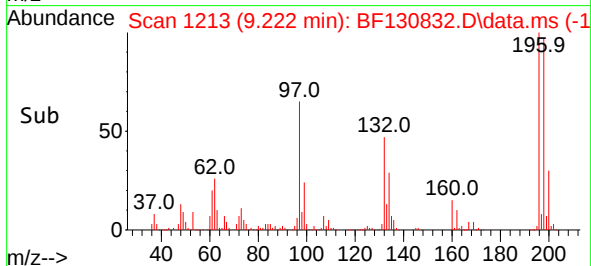
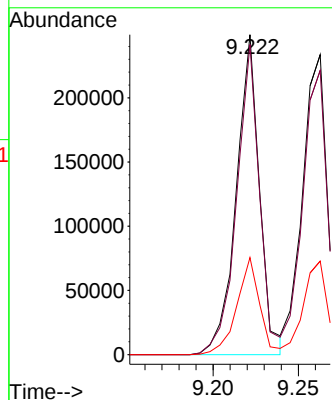
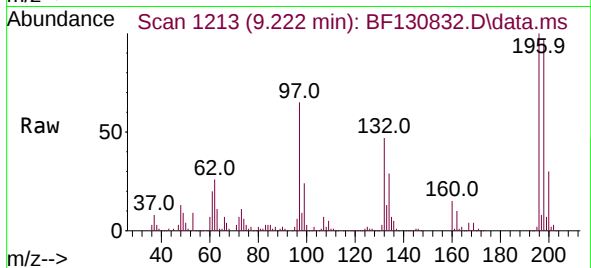
200 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#44

2,4,5-Trichlorophenol

Concen: 48.413 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Tgt Ion:196 Resp: 236714

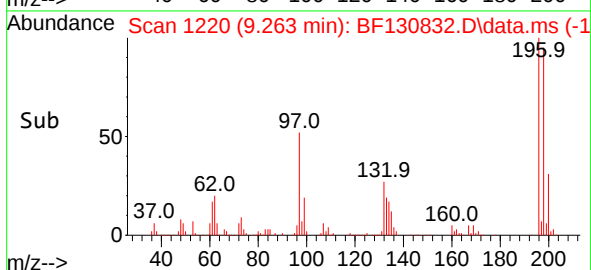
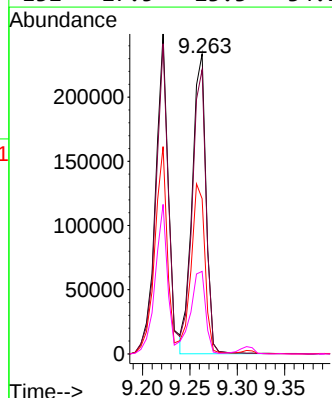
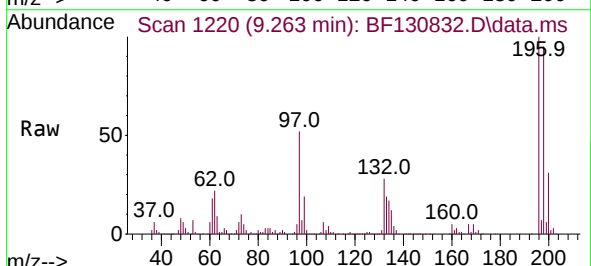
Ion Ratio Lower Upper

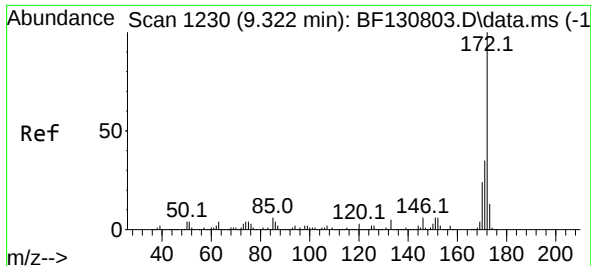
196 100

198 94.8 74.6 112.0

97 51.7 44.7 67.1

132 27.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.009 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:172 Resp: 1167614

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

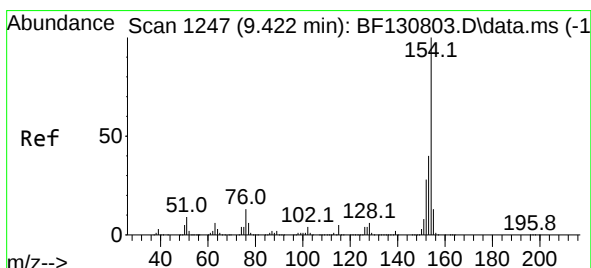
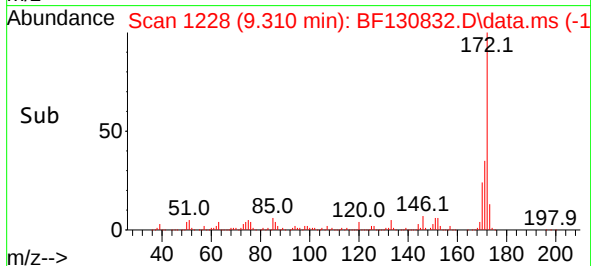
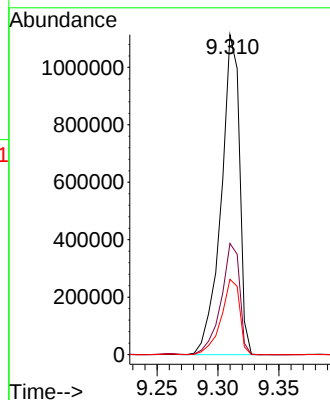
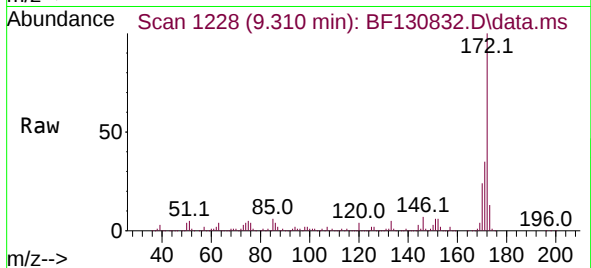
170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#46

1,1'-Biphenyl

Concen: 49.907 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

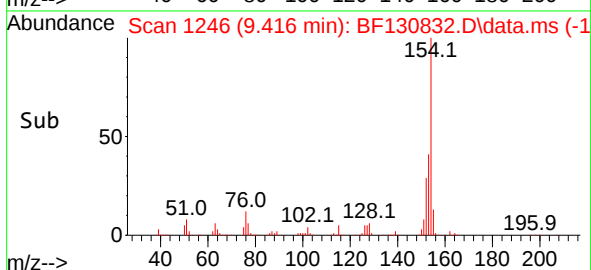
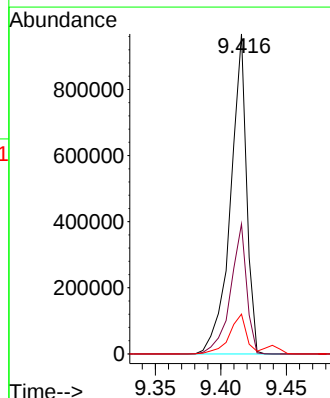
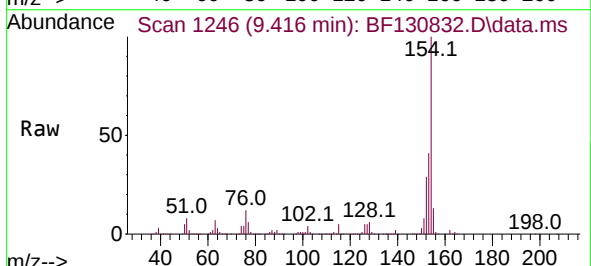
Tgt Ion:154 Resp: 825782

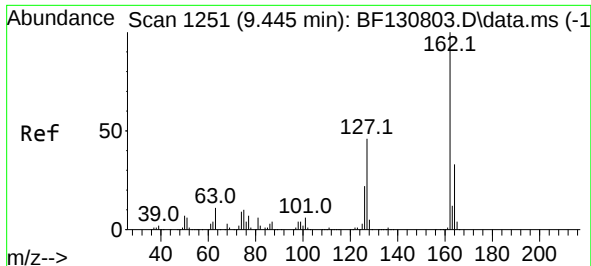
Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

76 12.4 0.0 32.5





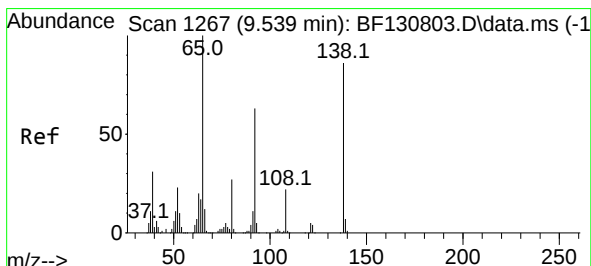
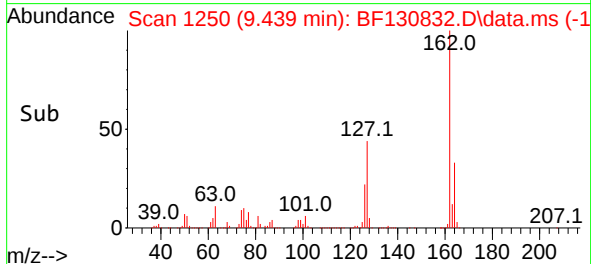
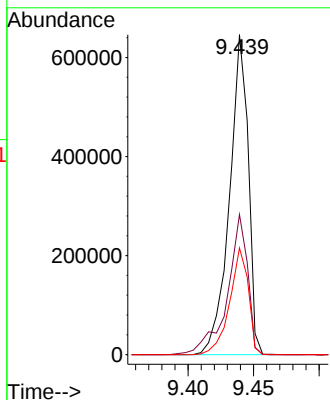
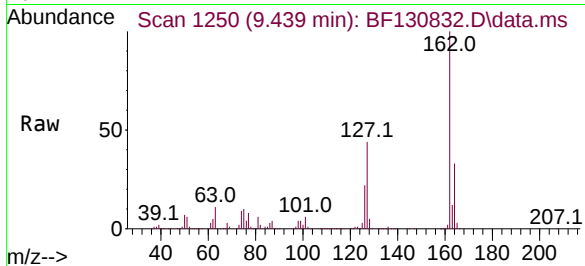
#47
2-Chloronaphthalene
Concen: 48.495 ng
RT: 9.439 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion:162 Resp: 643423
Ion Ratio Lower Upper
162 100
127 43.8 36.6 54.8
164 33.3 26.5 39.7

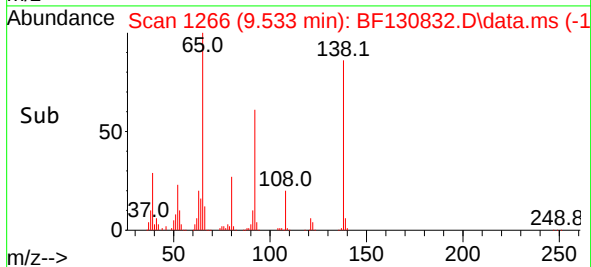
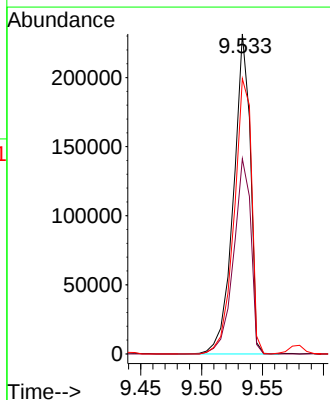
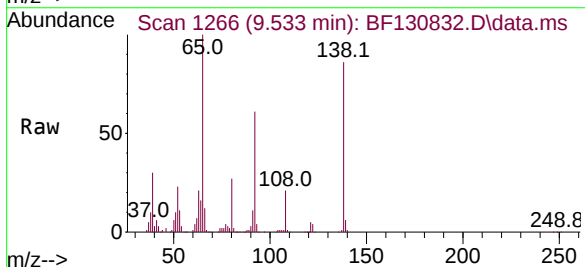
Manual Integrations
APPROVED

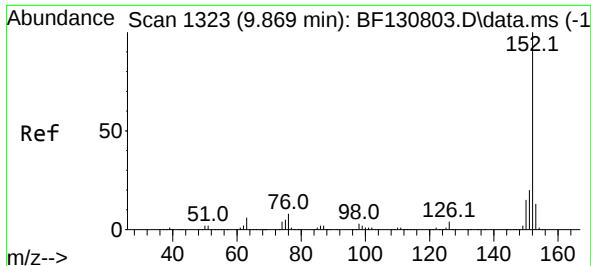
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 51.668 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion: 65 Resp: 221913
Ion Ratio Lower Upper
65 100
92 61.0 50.1 75.1
138 86.0 69.2 103.8





#49

Acenaphthylene

Concen: 47.826 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:152 Resp: 1002758

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

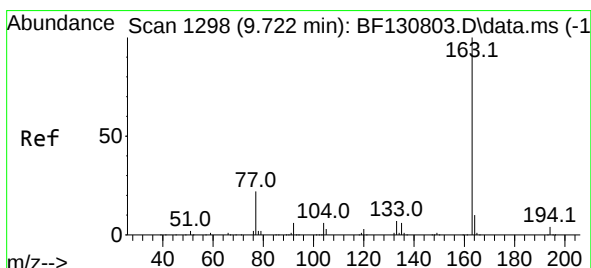
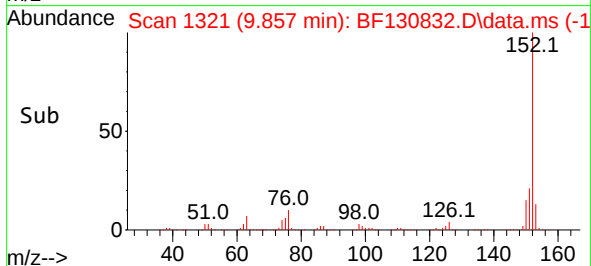
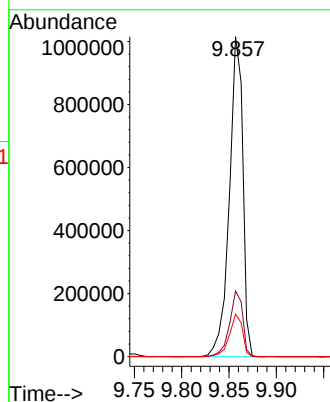
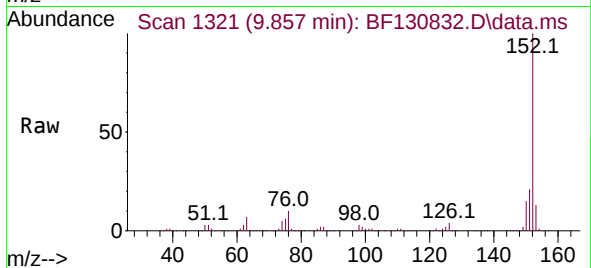
153 13.3 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#50

Dimethylphthalate

Concen: 46.543 ng

RT: 9.716 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

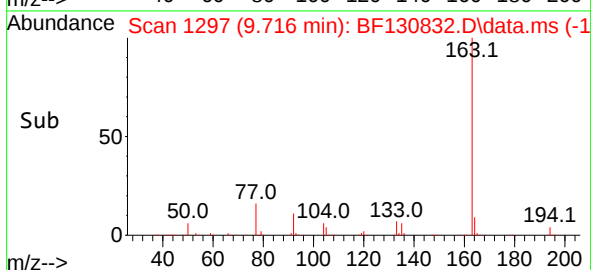
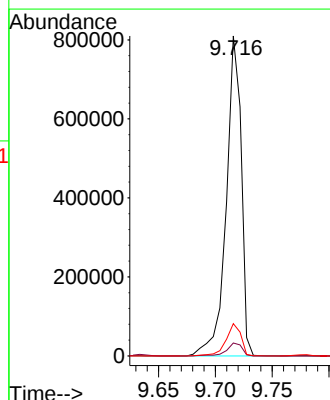
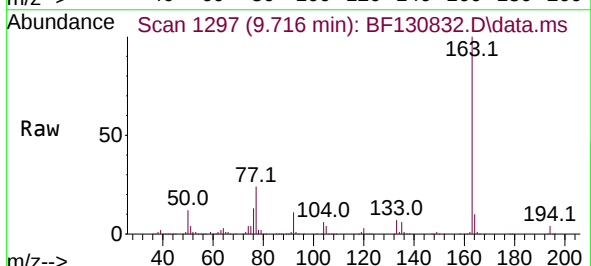
Tgt Ion:163 Resp: 742461

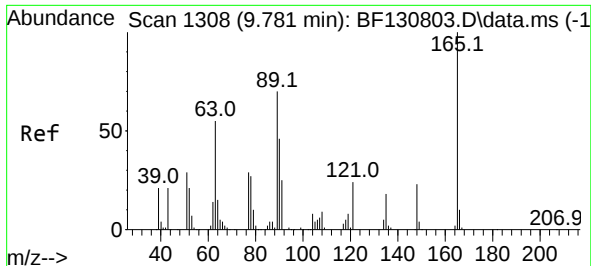
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 8.0 12.0





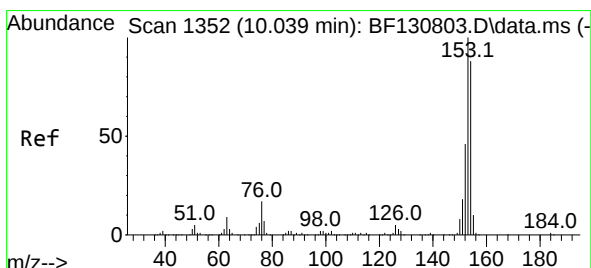
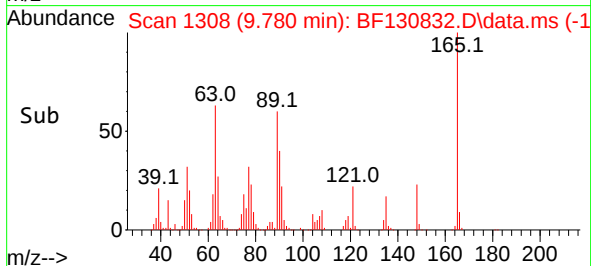
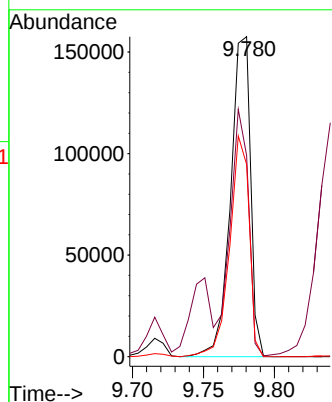
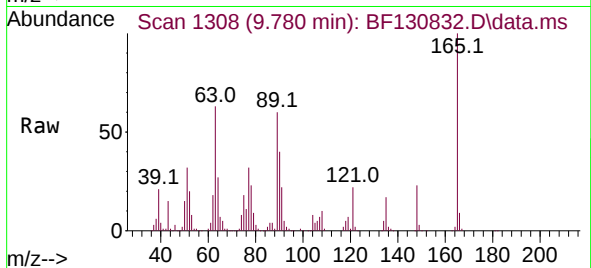
#51
2,6-Dinitrotoluene
Concen: 50.628 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion:165 Resp: 154018
Ion Ratio Lower Upper
165 100
63 62.9 61.8 92.8
89 60.1 56.2 84.4

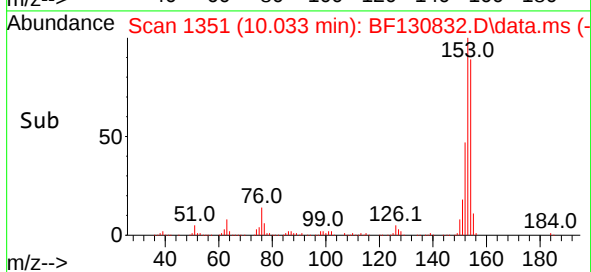
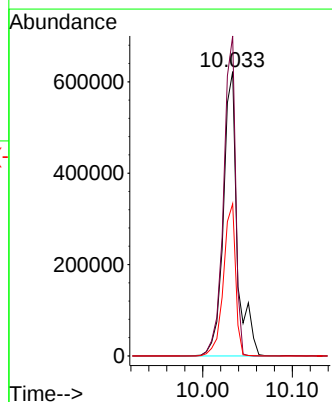
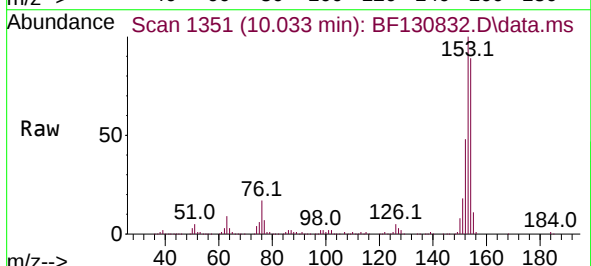
Manual Integrations
APPROVED

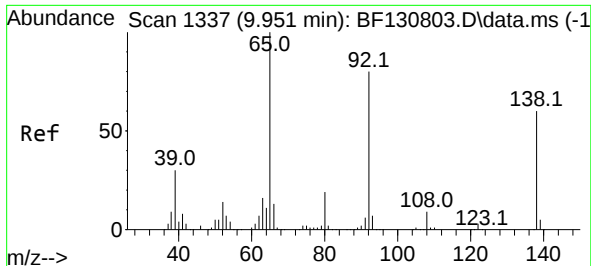
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 51.919 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:154 Resp: 673119
Ion Ratio Lower Upper
154 100
153 112.6 90.5 135.7
152 53.5 42.0 63.0





#53
3-Nitroaniline
Concen: 42.992 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

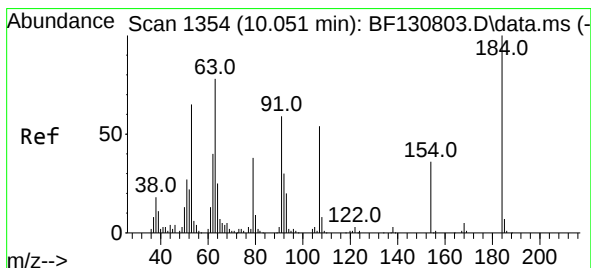
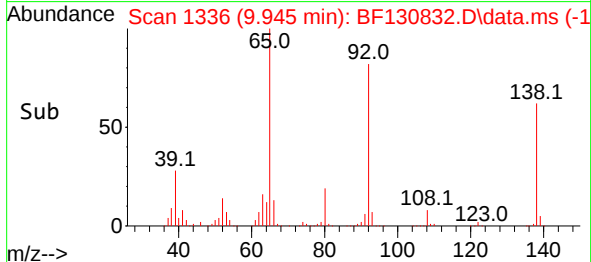
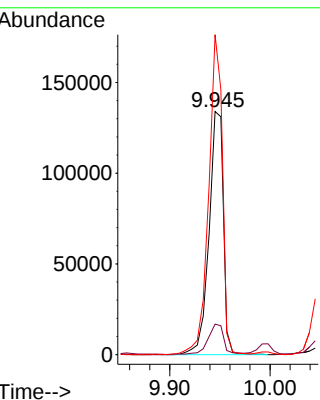
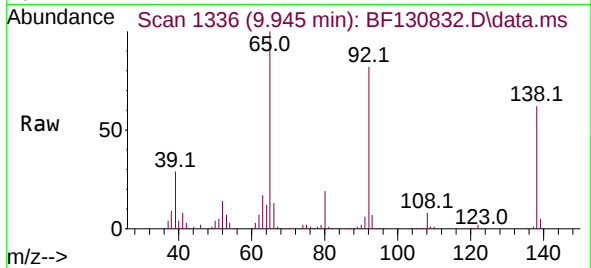
SB-12MS

Tgt Ion:138 Resp: 133580
Ion Ratio Lower Upper
138 100
108 12.6 12.7 19.1
92 131.6 107.8 161.8

Manual Integrations

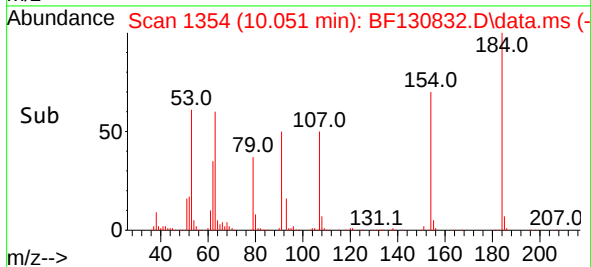
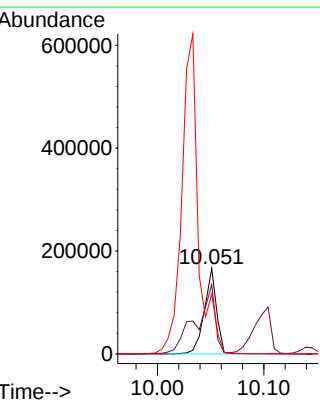
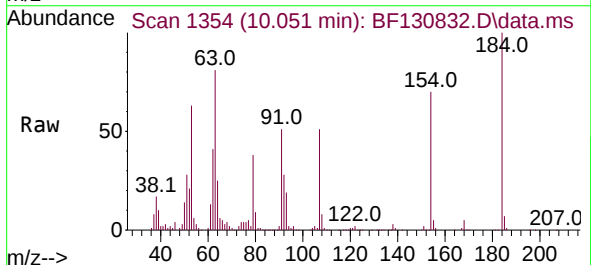
APPROVED

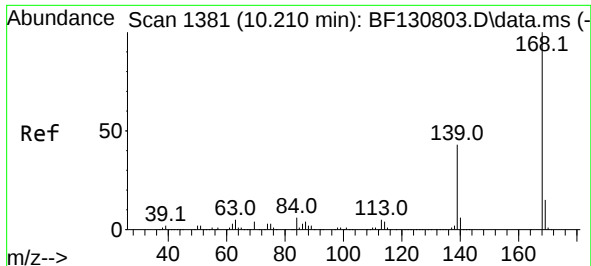
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 87.432 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

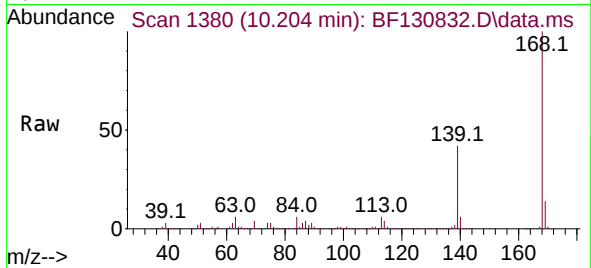
Tgt Ion:184 Resp: 132630
Ion Ratio Lower Upper
184 100
63 81.2 66.7 100.1
154 69.9 62.2 93.2





#55
Dibenzofuran
Concen: 46.787 ng
RT: 10.204 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

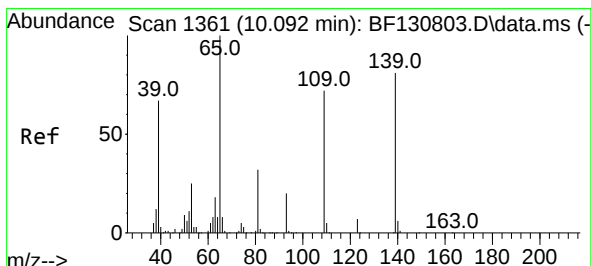
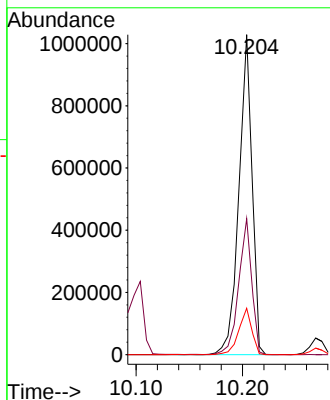
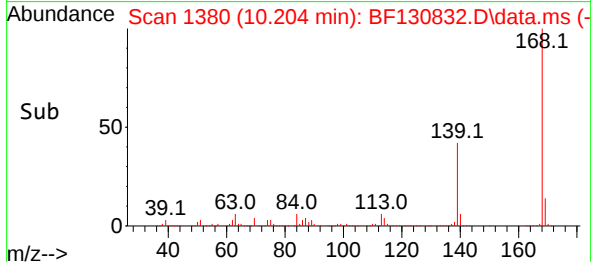
Instrument :
BNA_F
ClientSampleId :
SB-12MS



Tgt Ion:168 Resp: 879229
Ion Ratio Lower Upper
168 100
139 42.5 34.3 51.5
169 14.5 11.9 17.9

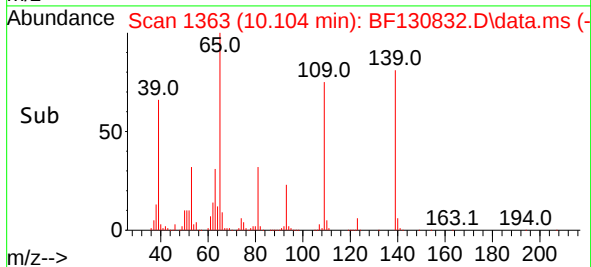
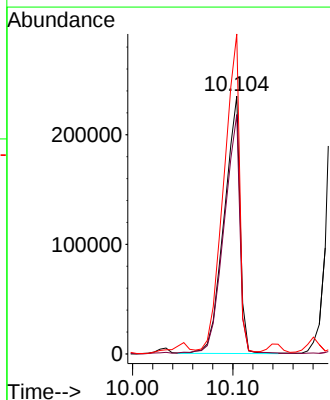
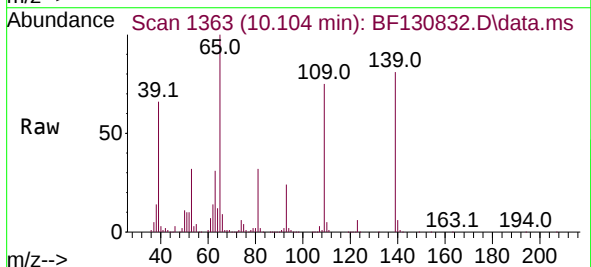
Manual Integrations
APPROVED

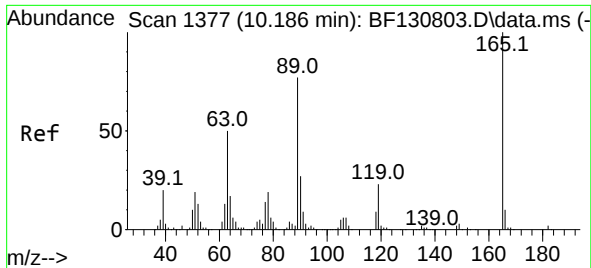
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 105.252 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

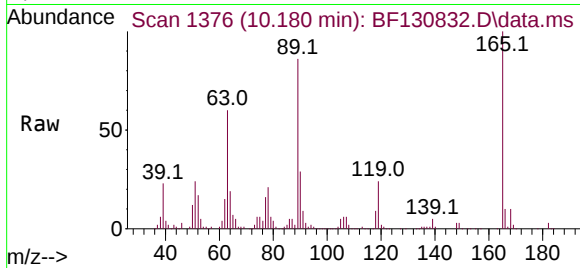
Tgt Ion:139 Resp: 258941
Ion Ratio Lower Upper
139 100
109 92.8 69.3 109.3
65 124.2 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 52.661 ng
RT: 10.180 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

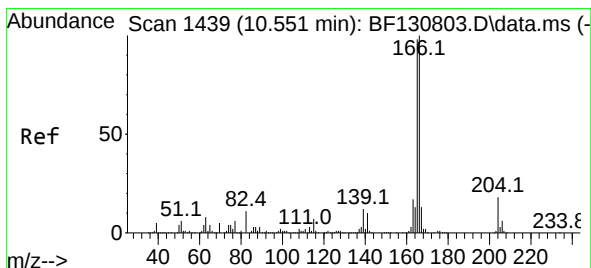
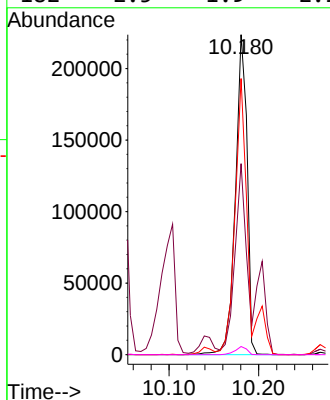
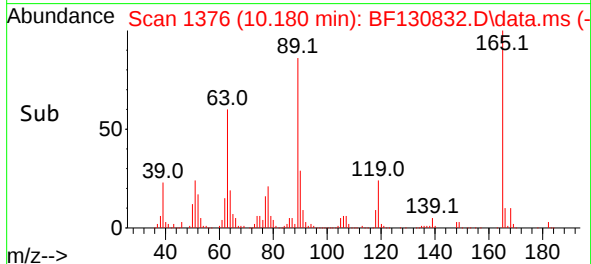
Instrument :
BNA_F
ClientSampleId :
SB-12MS



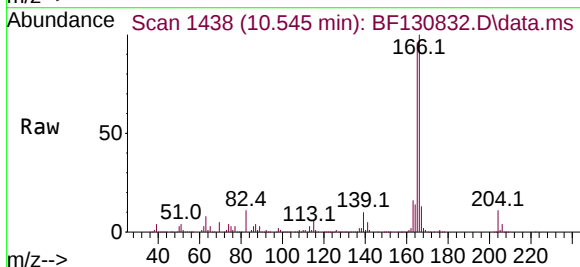
Tgt Ion:165 Resp: 202123
Ion Ratio Lower Upper
165 100
63 59.7 39.8 59.6
89 86.3 61.9 92.9
182 2.5 1.9 2.9

Manual Integrations
APPROVED

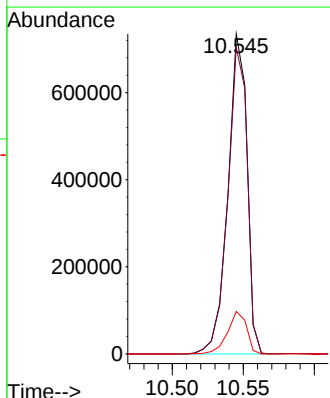
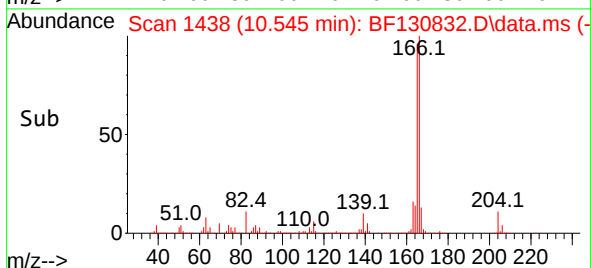
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

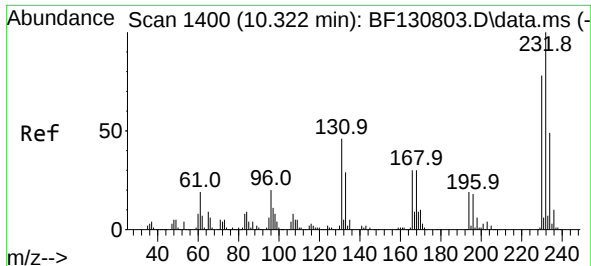


#58
Fluorene
Concen: 46.383 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



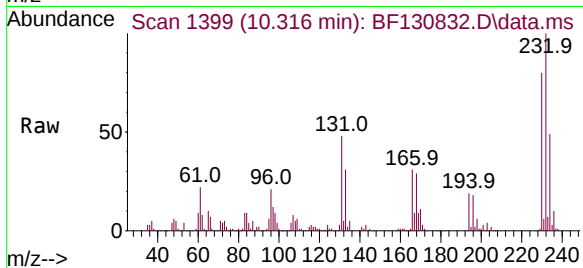
Tgt Ion:166 Resp: 686348
Ion Ratio Lower Upper
166 100
165 95.8 78.1 117.1
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.778 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

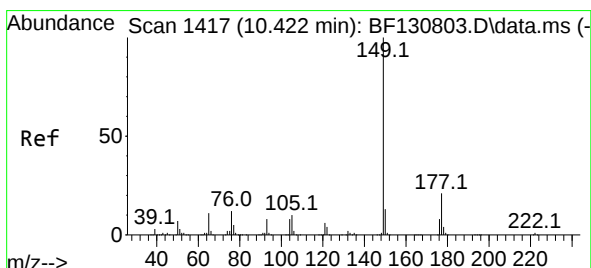
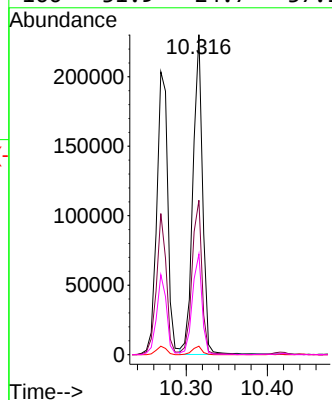
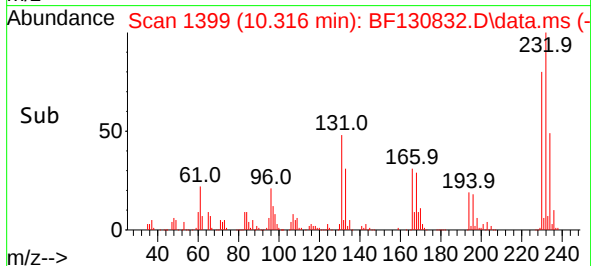
Instrument :
BNA_F
ClientSampleId :
SB-12MS



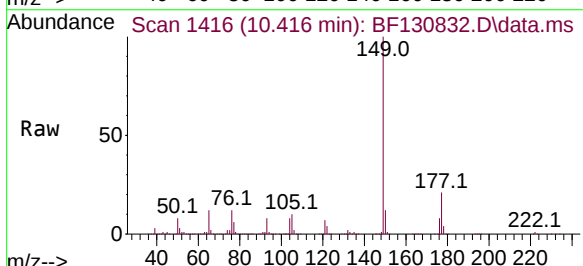
Tgt Ion:232 Resp: 188568
Ion Ratio Lower Upper
232 100
131 49.7 39.6 59.4
130 2.6 2.1 3.1
166 31.9 24.7 37.1

Manual Integrations
APPROVED

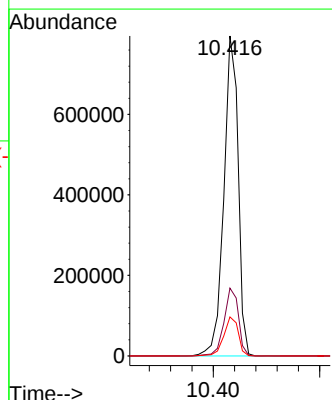
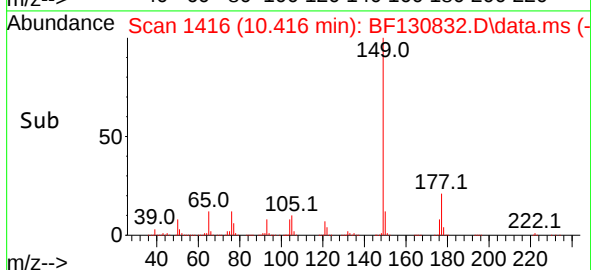
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

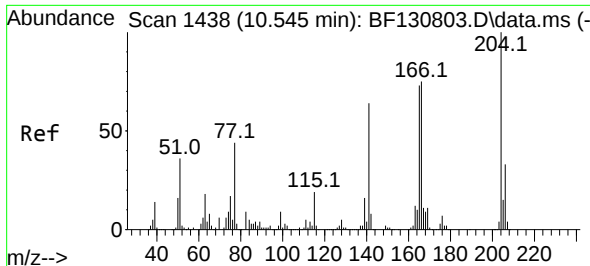


#60
Diethylphthalate
Concen: 47.322 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



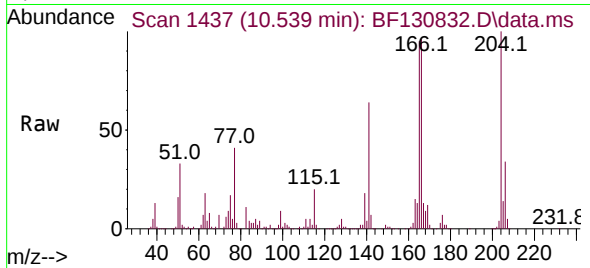
Tgt Ion:149 Resp: 742405
Ion Ratio Lower Upper
149 100
177 21.2 17.2 25.8
150 12.2 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 47.753 ng
RT: 10.539 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

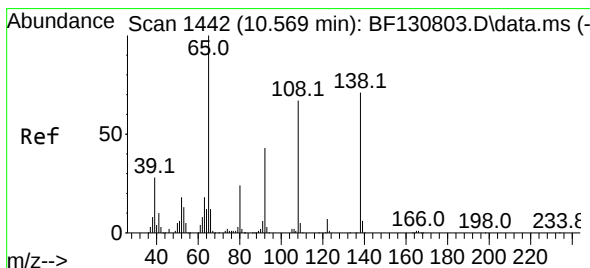
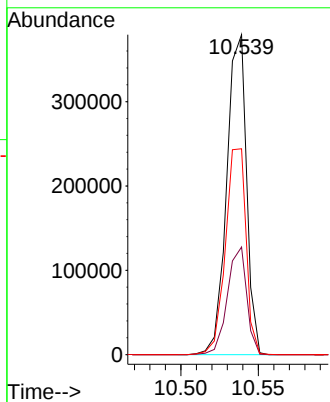
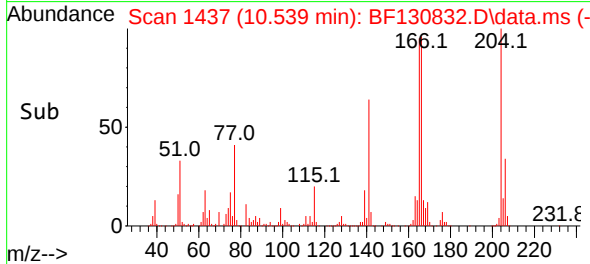
Instrument :
BNA_F
ClientSampleId :
SB-12MS



Tgt Ion:204 Resp: 338041
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 64.4 51.3 76.9

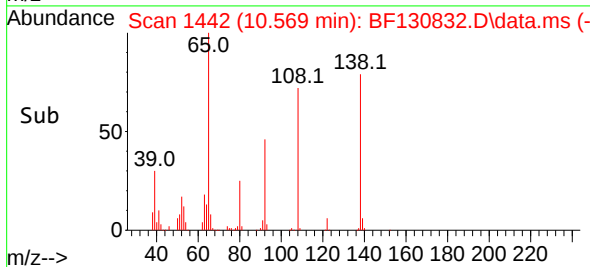
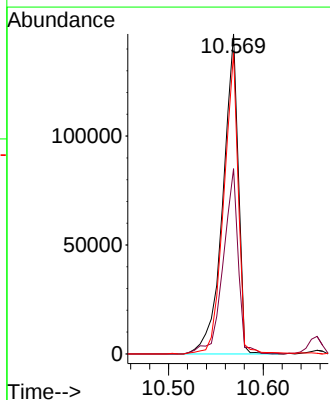
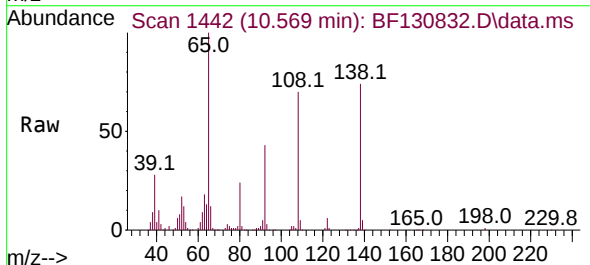
Manual Integrations
APPROVED

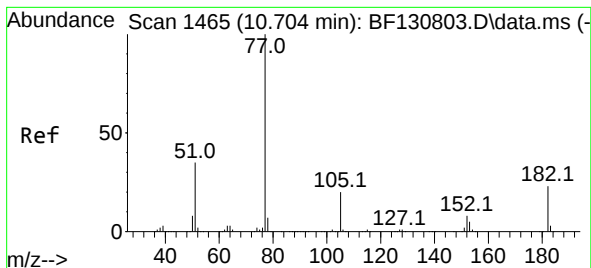
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#62
4-Nitroaniline
Concen: 52.513 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

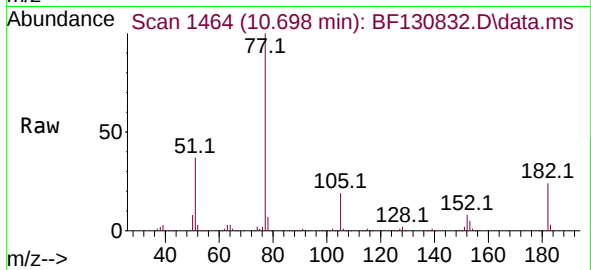
Tgt Ion:138 Resp: 165220
Ion Ratio Lower Upper
138 100
92 57.9 40.6 80.6
108 94.1 74.7 114.7





#63
Azobenzene
Concen: 47.054 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

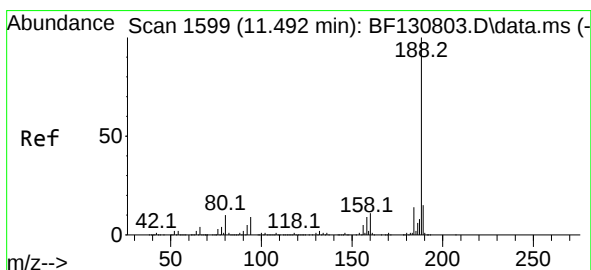
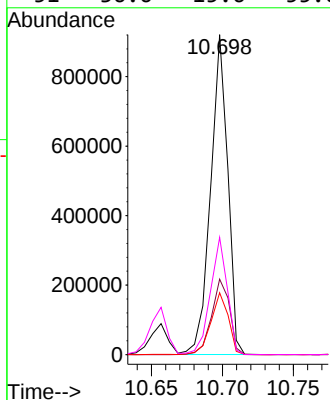
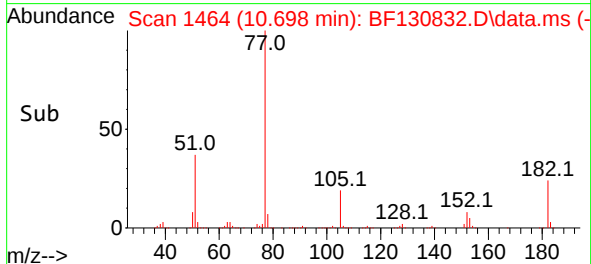
Instrument :
BNA_F
ClientSampleId :
SB-12MS



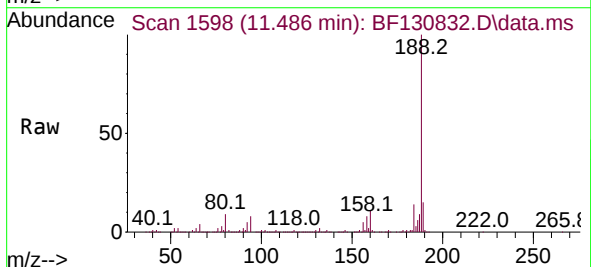
Tgt Ion: 77 Resp: 770589
Ion Ratio Lower Upper
77 100
182 23.6 2.6 42.6
105 19.3 0.0 40.0
51 36.6 15.6 55.6

Manual Integrations
APPROVED

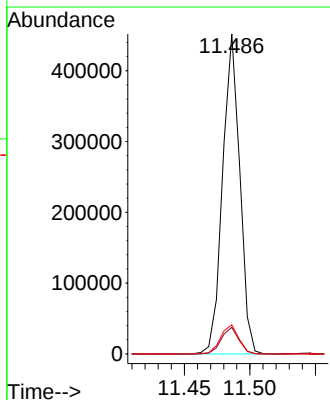
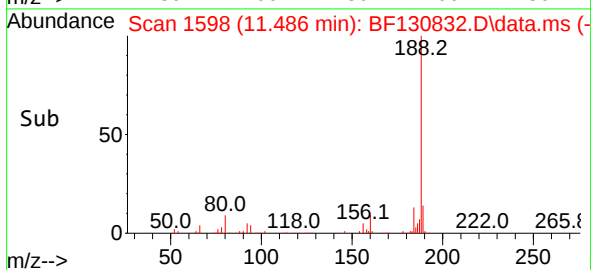
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

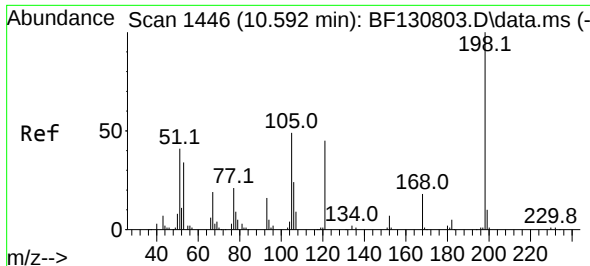


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



Tgt Ion:188 Resp: 412181
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.1 8.0 12.0





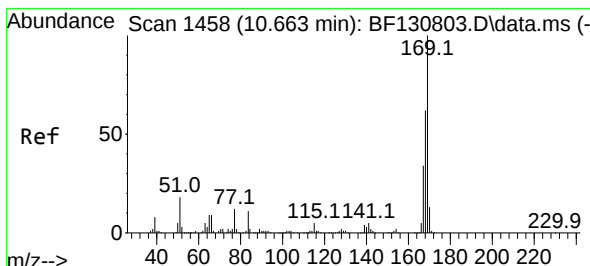
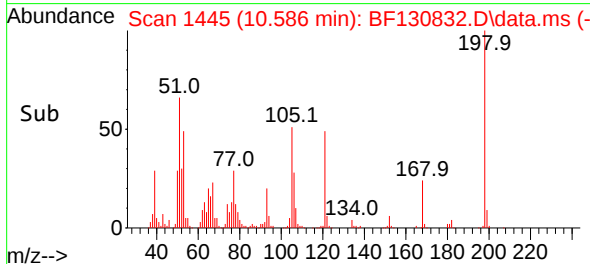
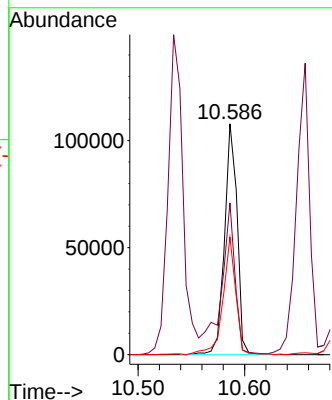
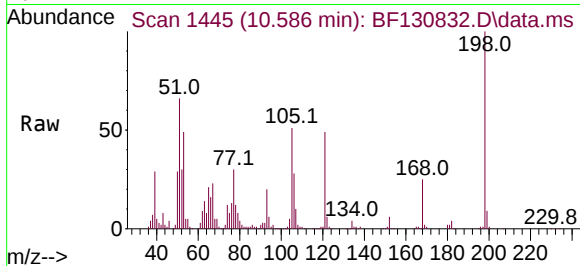
#65
4,6-Dinitro-2-methylphenol
Concen: 50.842 ng
RT: 10.586 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion:198 Resp: 88549
Ion Ratio Lower Upper
198 100
51 65.8 39.0 79.0
105 50.9 30.6 70.6

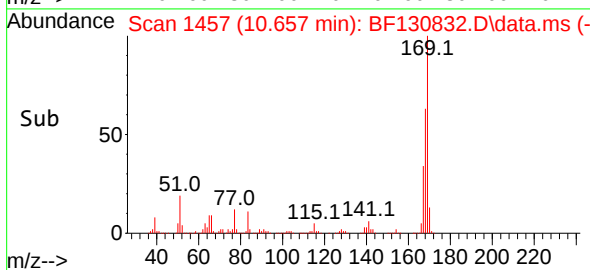
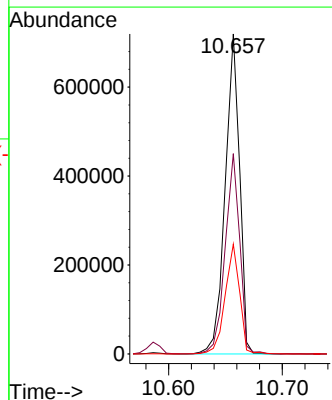
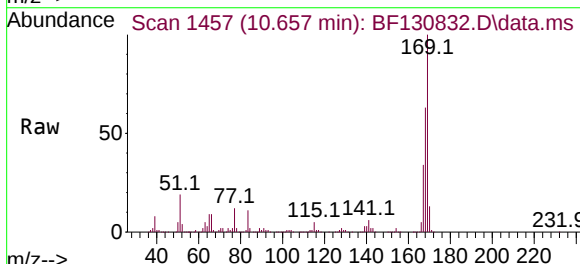
Manual Integrations
APPROVED

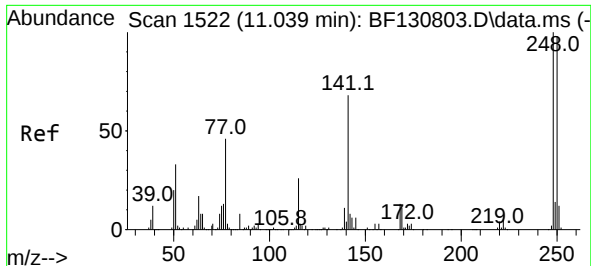
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 49.109 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

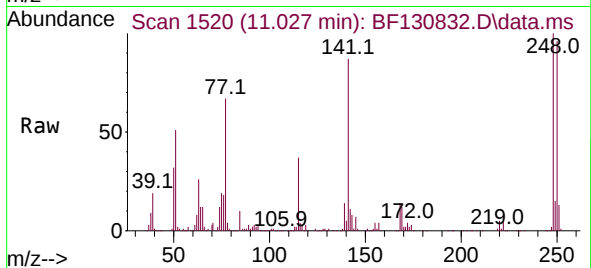
Tgt Ion:169 Resp: 631377
Ion Ratio Lower Upper
169 100
168 62.6 49.4 74.0
167 34.3 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 51.917 ng
RT: 11.027 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

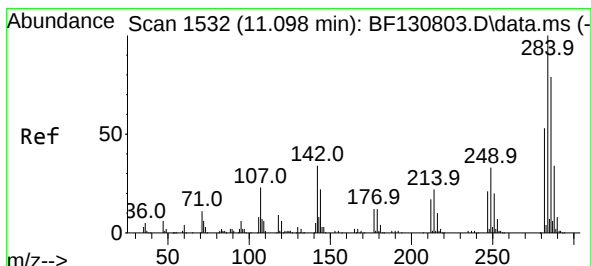
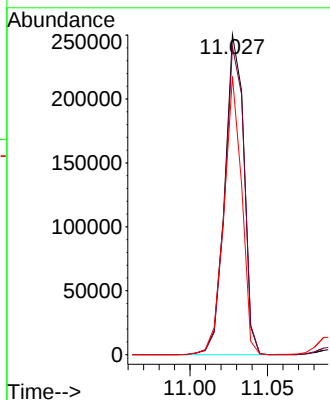
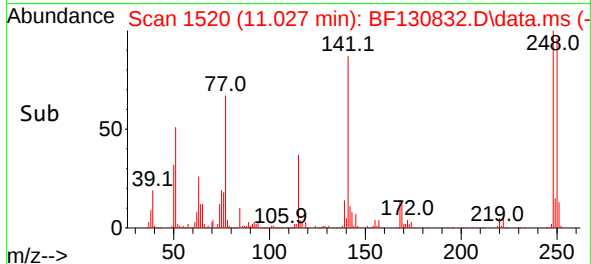
Instrument :
BNA_F
ClientSampleId :
SB-12MS



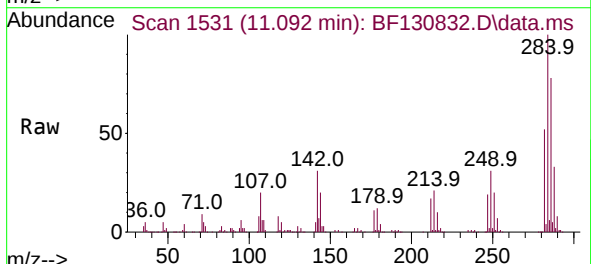
Tgt Ion:248 Resp: 215205
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 86.9 54.2 81.4

Manual Integrations
APPROVED

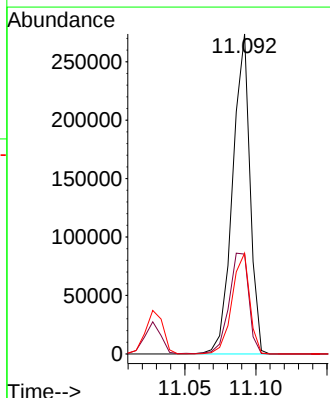
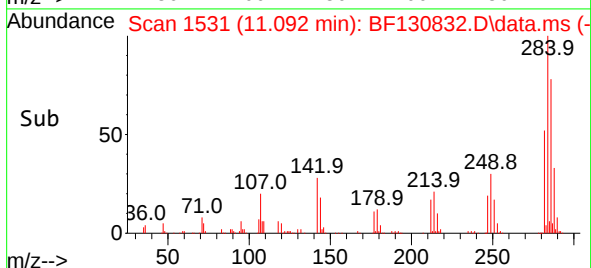
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

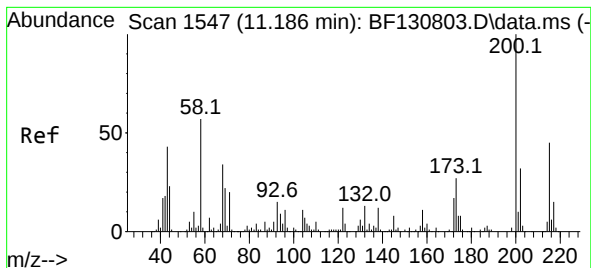


#68
Hexachlorobenzene
Concen: 50.905 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



Tgt Ion:284 Resp: 232487
Ion Ratio Lower Upper
284 100
142 31.2 27.1 40.7
249 31.5 26.6 39.8





#69

Atrazine

Concen: 56.079 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:200 Resp: 208214

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

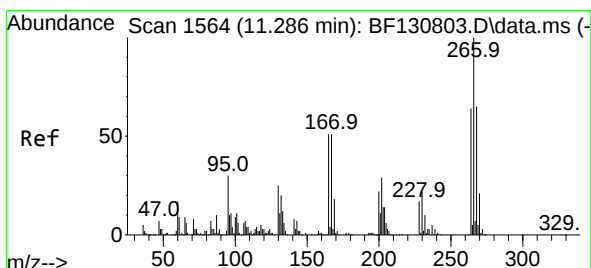
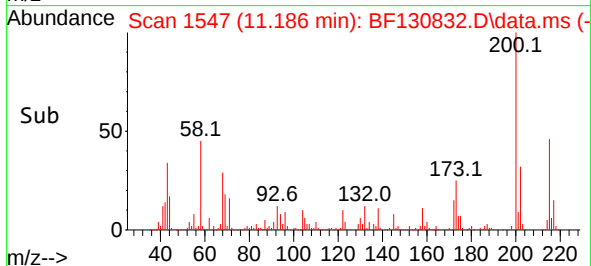
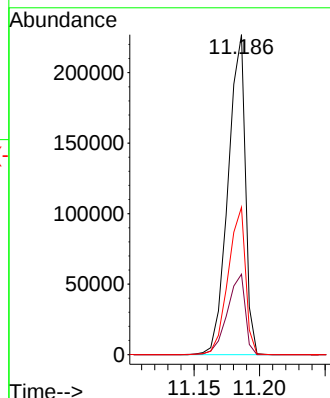
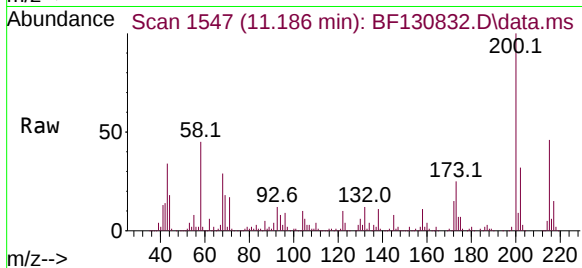
215 46.0 25.4 65.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#70

Pentachlorophenol

Concen: 93.870 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

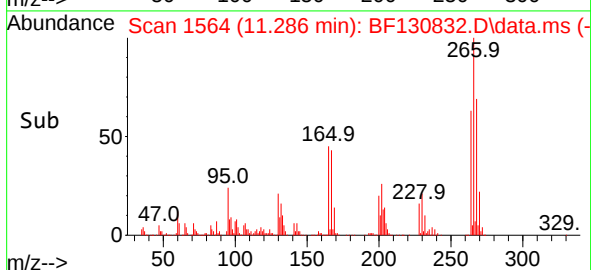
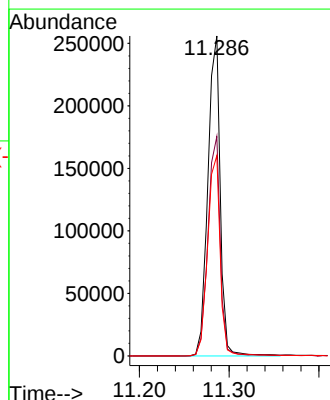
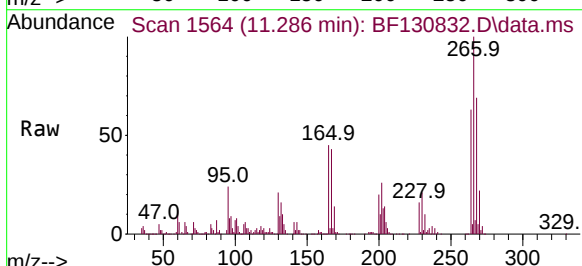
Tgt Ion:266 Resp: 244634

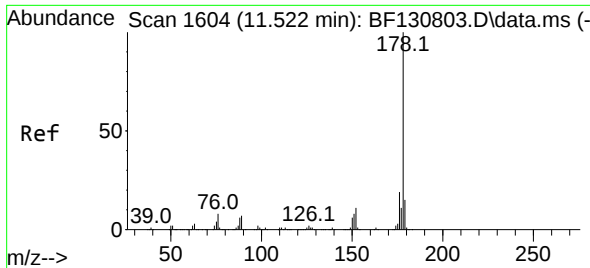
Ion Ratio Lower Upper

266 100

268 68.6 51.8 77.6

264 62.6 51.6 77.4





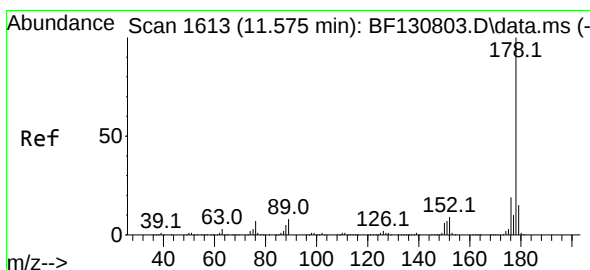
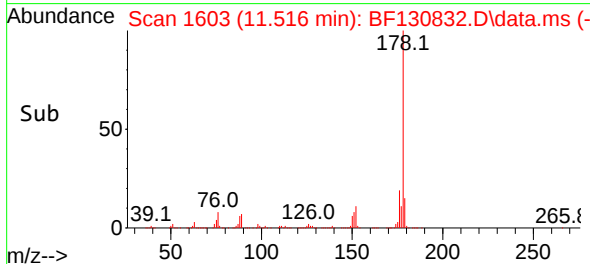
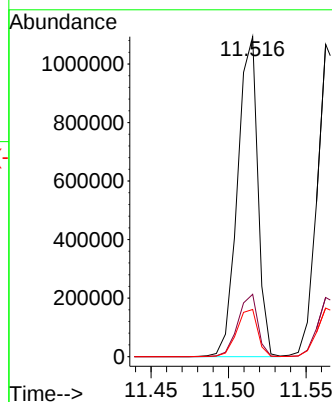
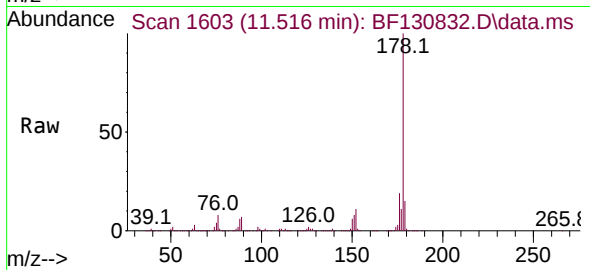
#71
Phenanthrene
Concen: 46.693 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion:178 Resp: 993353
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 14.7 12.2 18.2

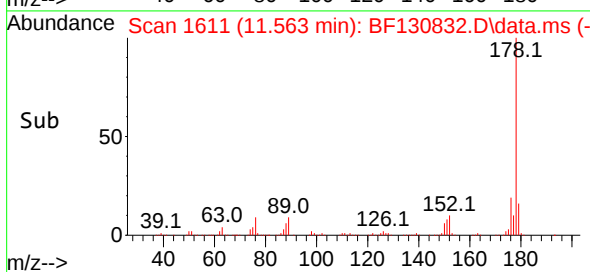
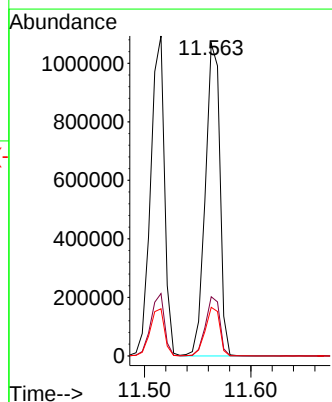
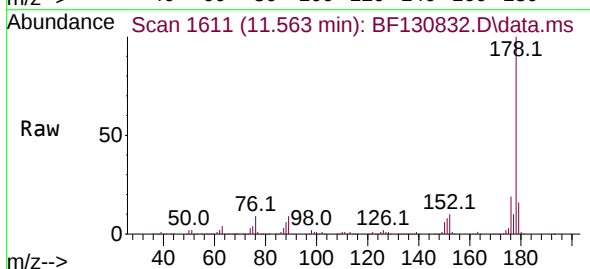
Manual Integrations
APPROVED

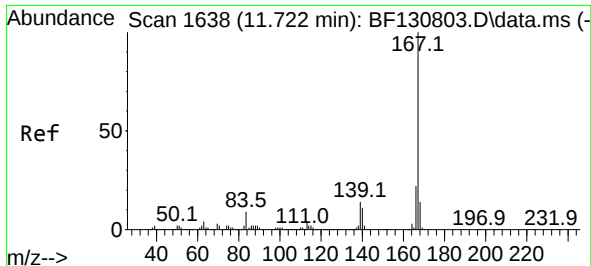
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 48.208 ng
RT: 11.563 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

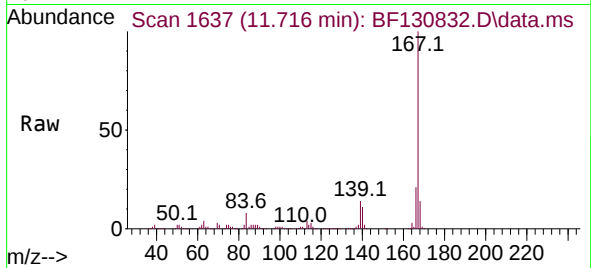
Tgt Ion:178 Resp: 1011559
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.2 18.4





#73
Carbazole
Concen: 46.517 ng
RT: 11.716 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

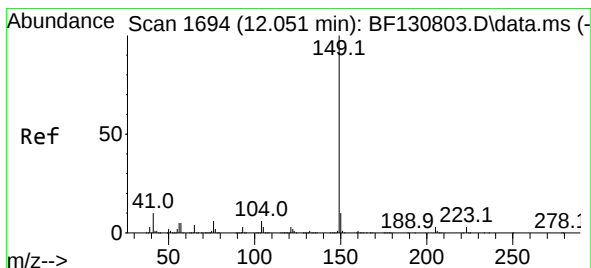
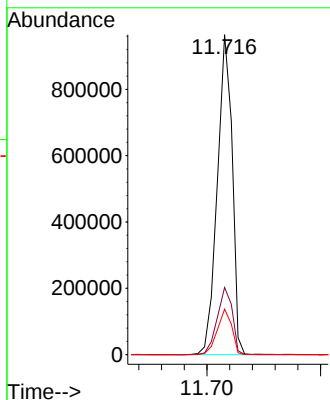
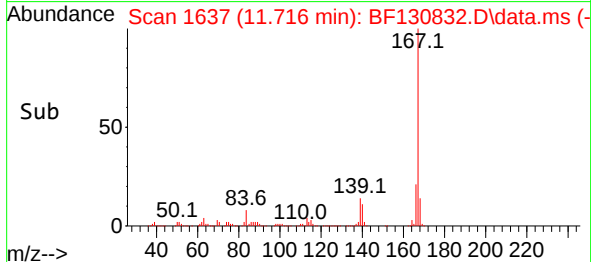
Instrument :
BNA_F
ClientSampleId :
SB-12MS



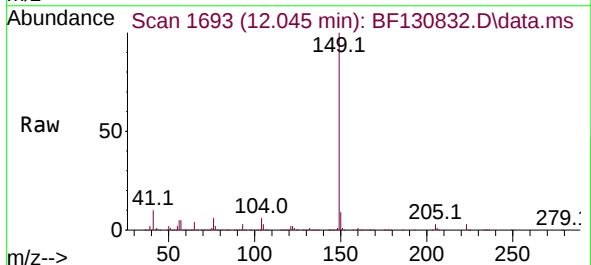
Tgt Ion:167 Resp: 874116
Ion Ratio Lower Upper
167 100
166 21.0 17.4 26.0
139 14.2 11.3 16.9

Manual Integrations
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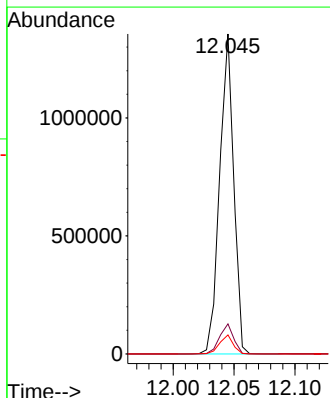
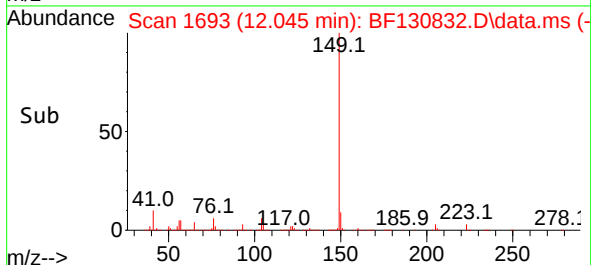
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

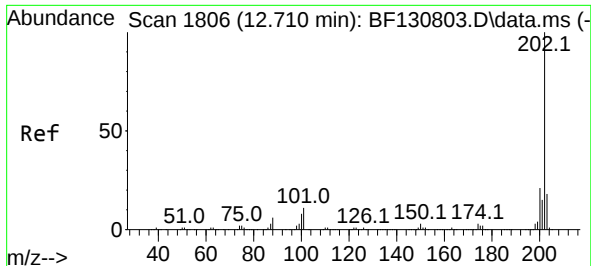


#74
Di-n-butylphthalate
Concen: 47.615 ng
RT: 12.045 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



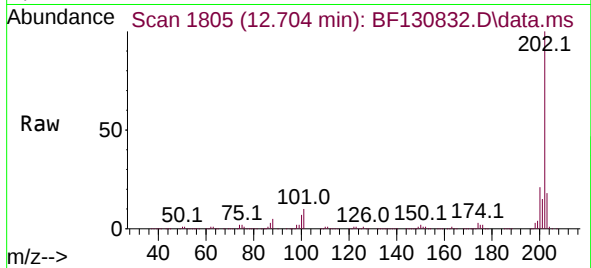
Tgt Ion:149 Resp: 1086643
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.9 4.6 6.8





#75
Fluoranthene
Concen: 43.899 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

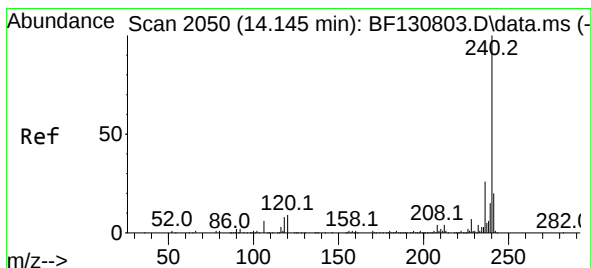
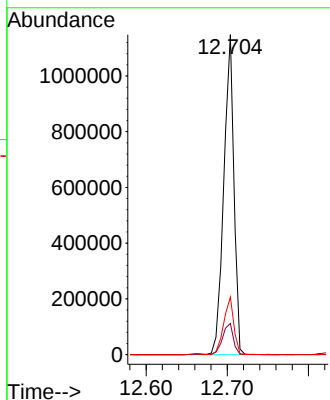
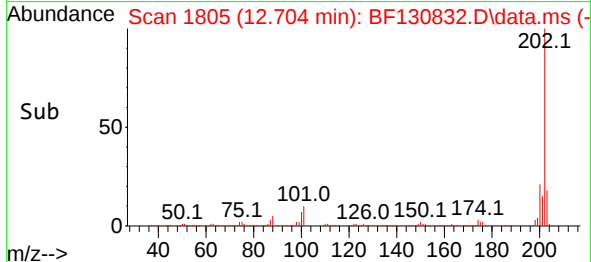
Instrument :
BNA_F
ClientSampleId :
SB-12MS



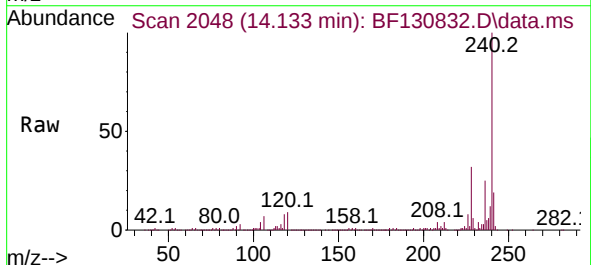
Tgt Ion:202 Resp: 992264
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.9
203 18.0 0.0 37.7

Manual Integrations
APPROVED

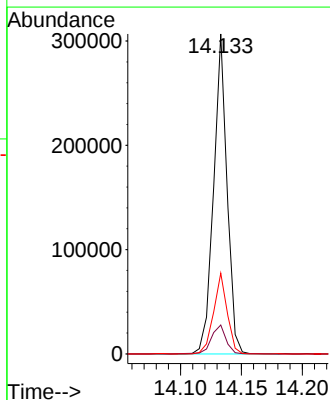
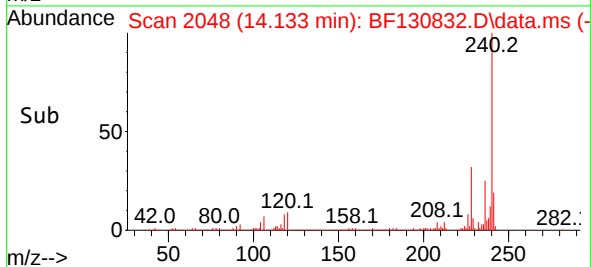
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

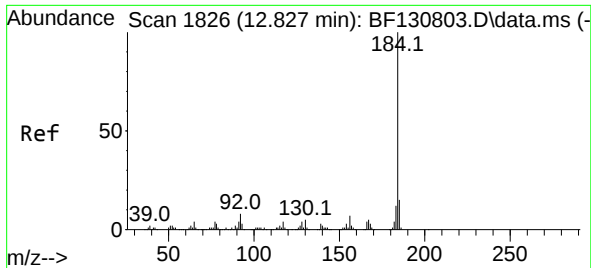


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



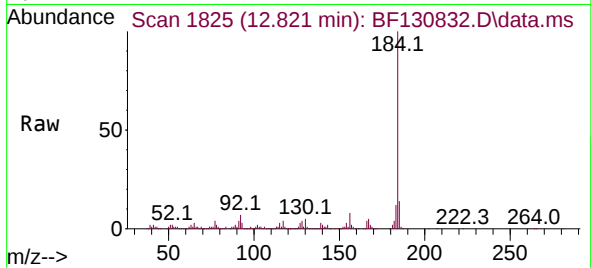
Tgt Ion:240 Resp: 236364
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.4
236 25.2 20.5 30.7





#77
Benzidine
Concen: 87.349 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

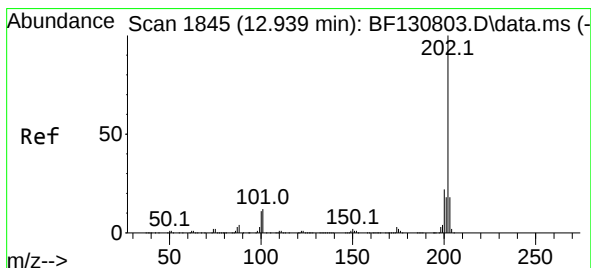
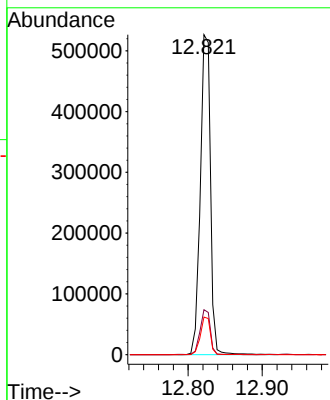
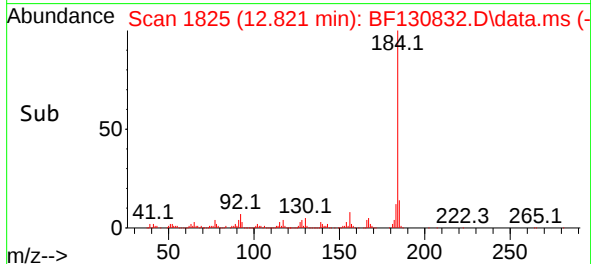
Instrument :
BNA_F
ClientSampleId :
SB-12MS



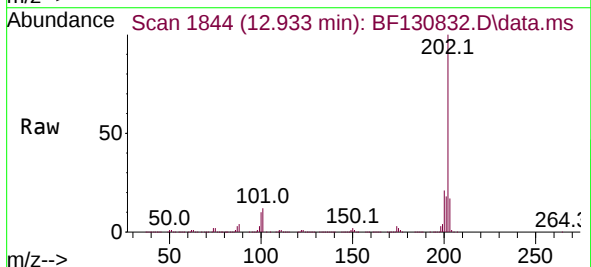
Tgt Ion:184 Resp: 501182
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 11.7 9.7 14.5

Manual Integrations
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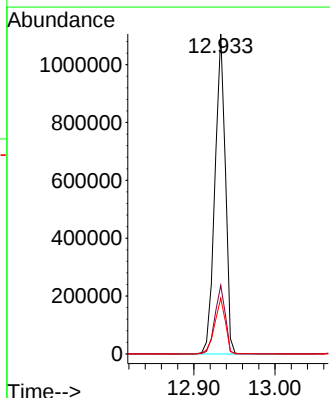
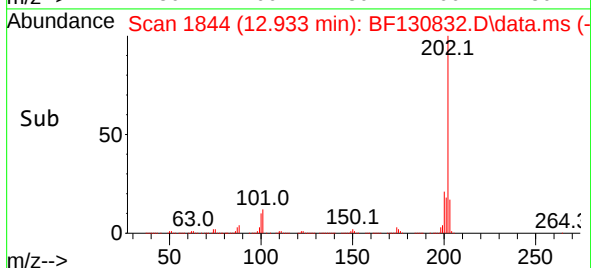
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

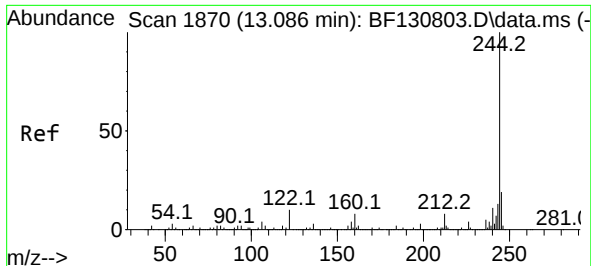


#78
Pyrene
Concen: 49.341 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



Tgt Ion:202 Resp: 983926
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.4 14.5 21.7





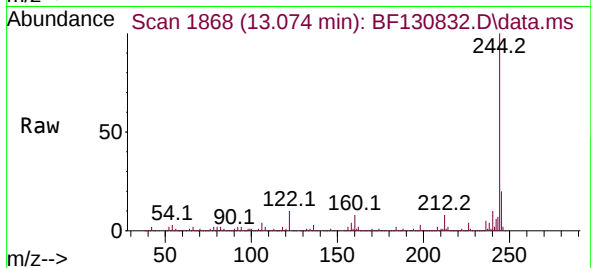
#79
 Terphenyl-d14
 Concen: 84.526 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: BF130832.D
 Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

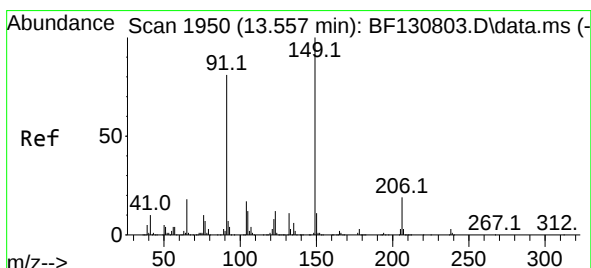
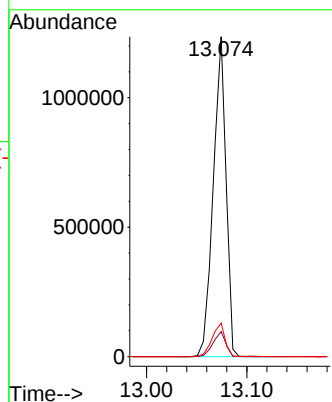
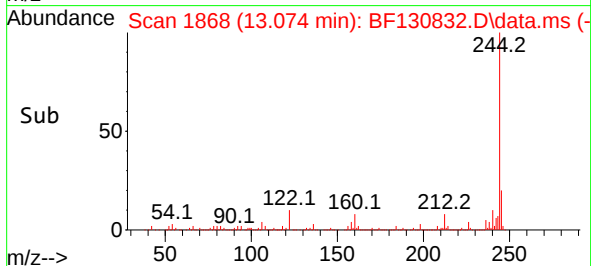


Tgt Ion:244 Resp: 1090278
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.5 7.9 11.9

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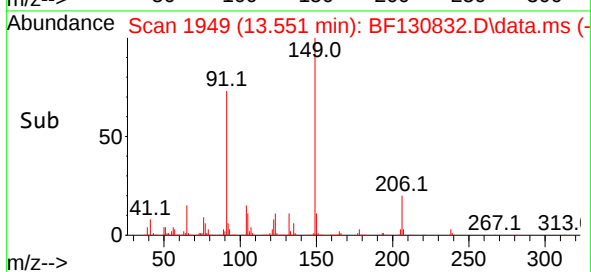
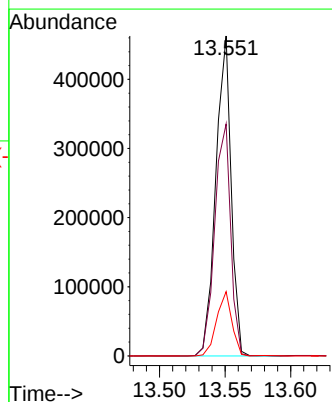
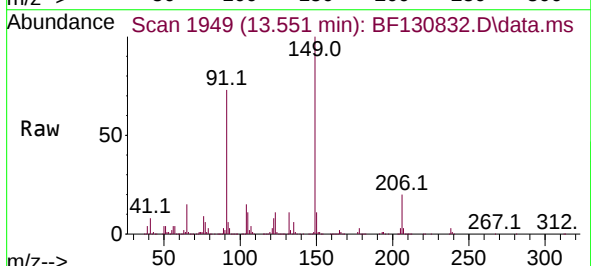
APPROVED

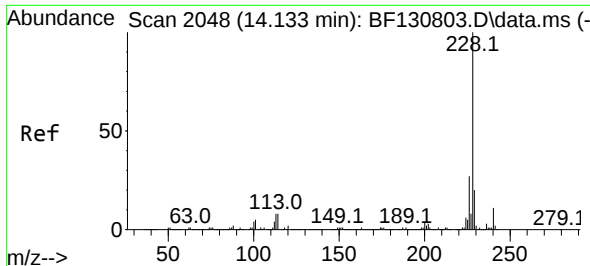
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#80
 Butylbenzylphthalate
 Concen: 52.695 ng
 RT: 13.551 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: BF130832.D
 Acq: 28 Oct 2022 19:56

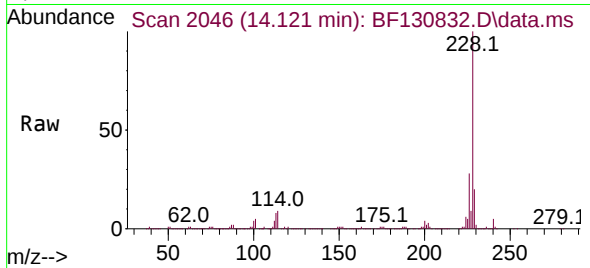
Tgt Ion:149 Resp: 378058
 Ion Ratio Lower Upper
 149 100
 91 72.5 64.5 96.7
 206 20.1 15.3 22.9





#81
Benzo(a)anthracene
Concen: 47.200 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

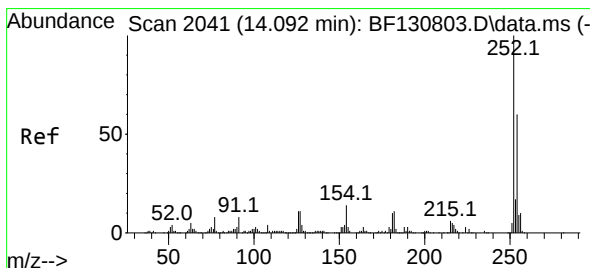
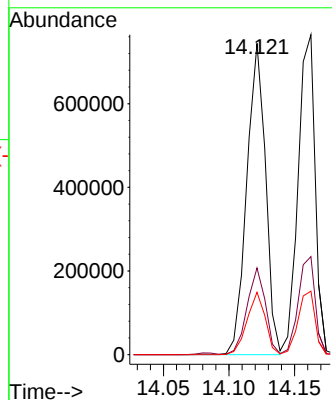
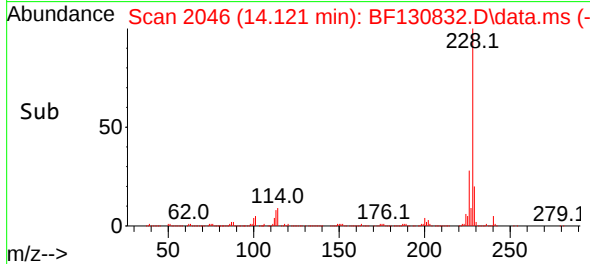
Instrument :
BNA_F
ClientSampleId :
SB-12MS



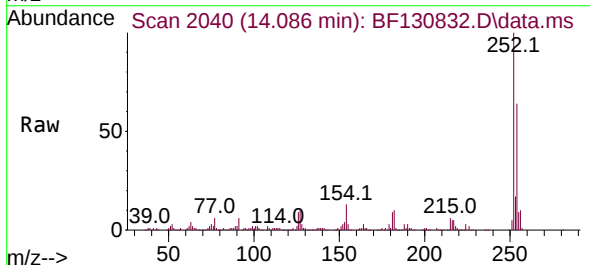
Tgt Ion:228 Resp: 739671
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.2
229 20.0 15.8 23.6

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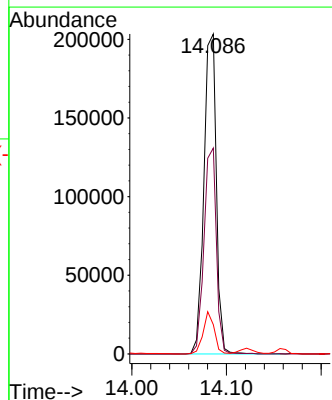
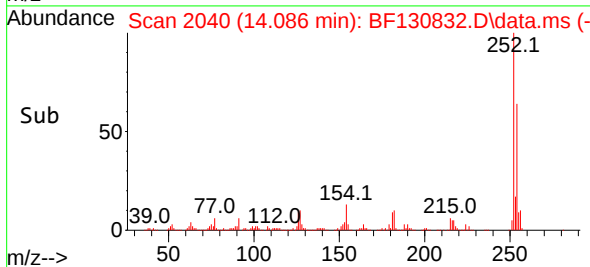
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

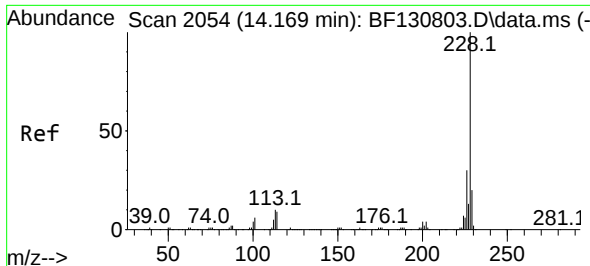


#82
3,3'-Dichlorobenzidine
Concen: 43.943 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56



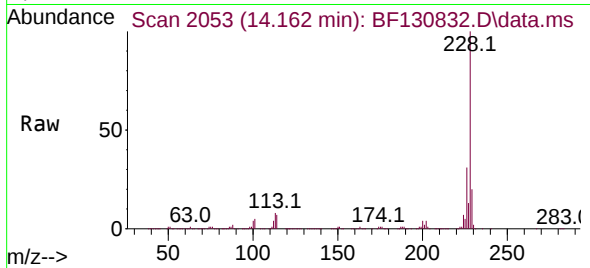
Tgt Ion:252 Resp: 185856
Ion Ratio Lower Upper
252 100
254 64.3 47.8 71.6
126 9.1 9.0 13.6





#83
Chrysene
Concen: 45.904 ng
RT: 14.162 min Scan# 2053
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

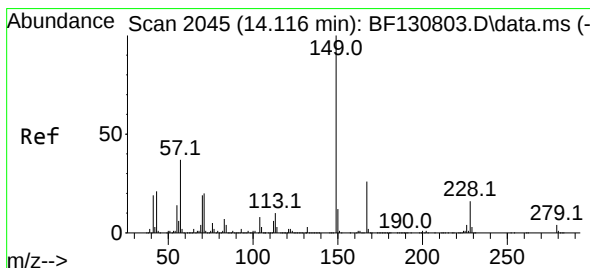
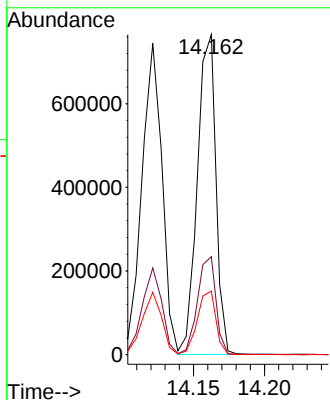
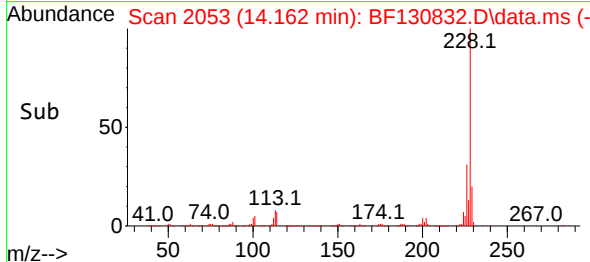
Instrument :
BNA_F
ClientSampleId :
SB-12MS



Tgt Ion:228 Resp: 693874
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.8 15.8 23.6

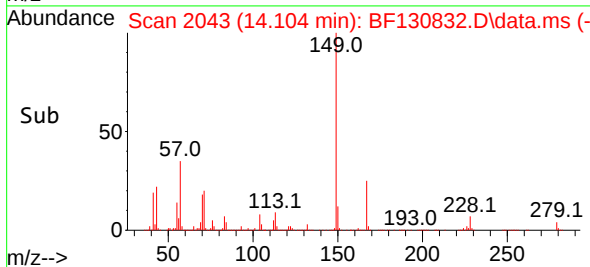
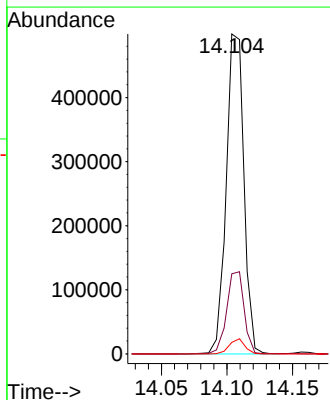
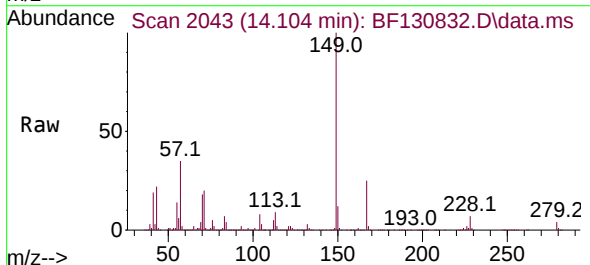
Manual Integrations
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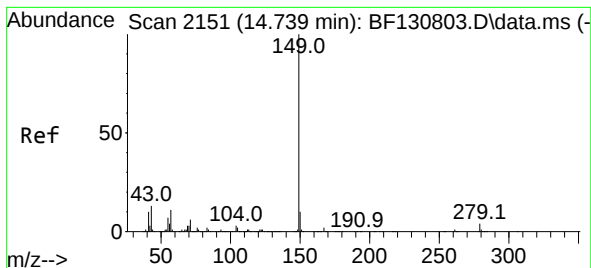
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.468 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:149 Resp: 469859
Ion Ratio Lower Upper
149 100
167 25.0 21.0 31.4
279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 58.031 ng

RT: 14.727 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:149 Resp: 69088

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

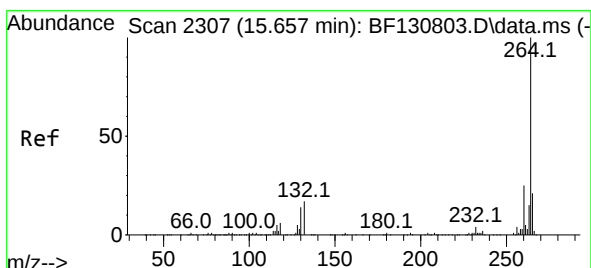
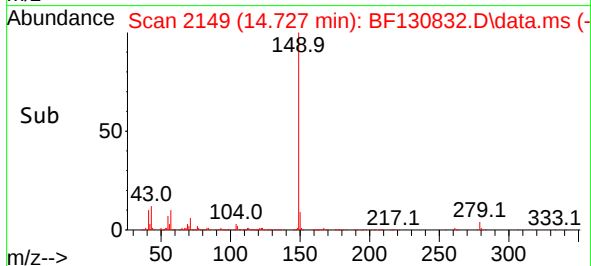
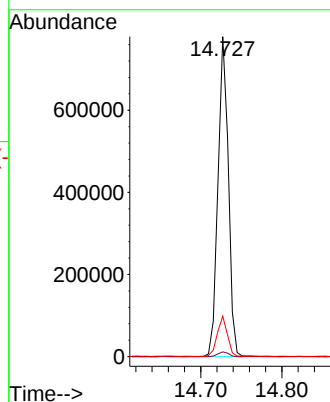
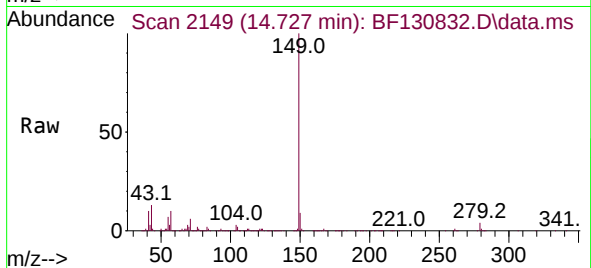
43 12.2 10.2 15.2

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. -0.000 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

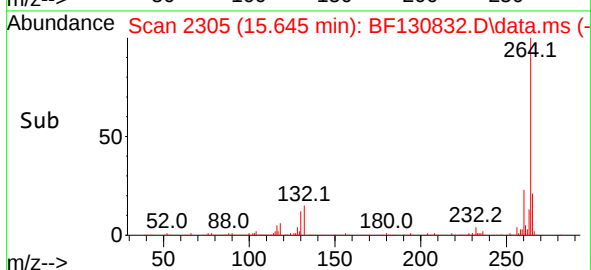
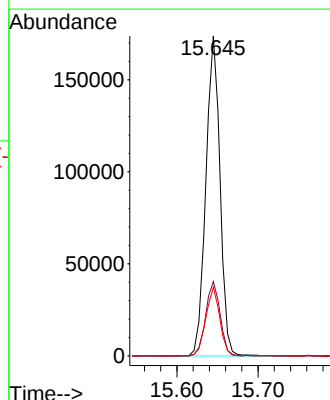
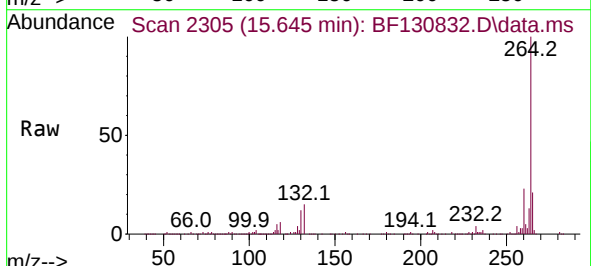
Tgt Ion:264 Resp: 210432

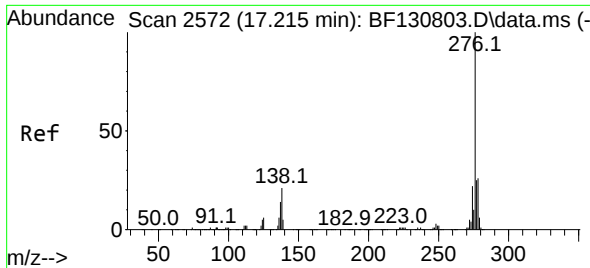
Ion Ratio Lower Upper

264 100

260 23.2 19.9 29.9

265 21.4 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.120 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

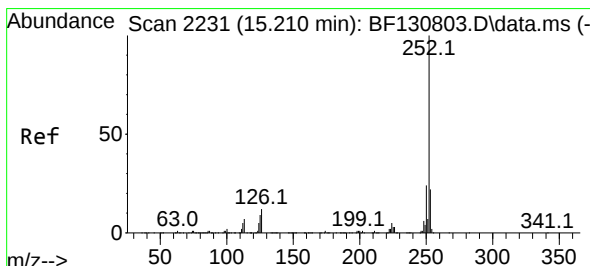
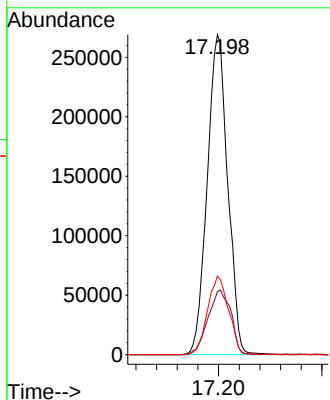
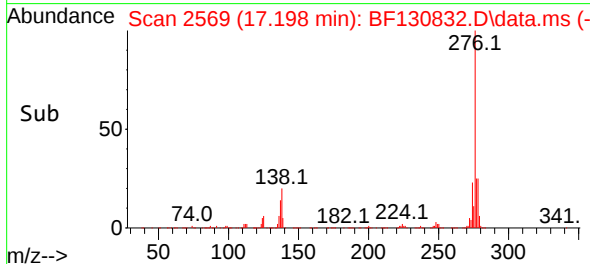
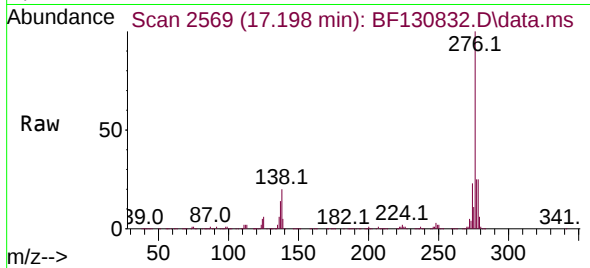
ClientSampleId :

SB-12MS

Tgt Ion:276 Resp: 74230
Ion Ratio Lower Upper
276 100
138 22.6 19.1 28.7
277 25.2 20.1 30.1

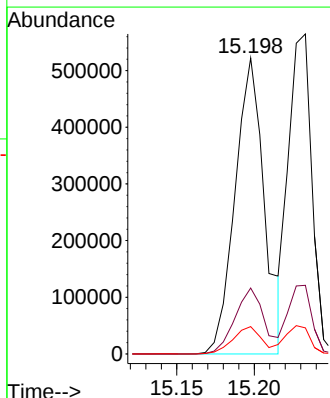
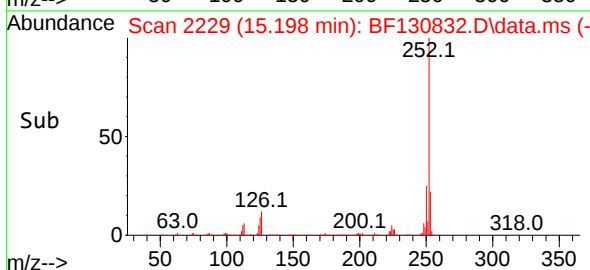
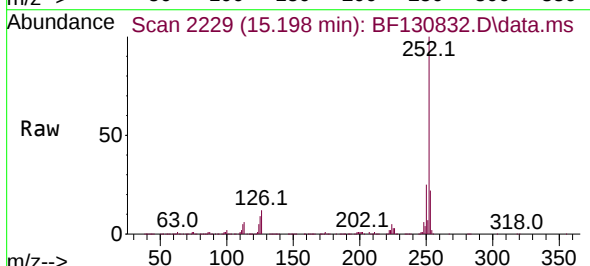
Manual Integrations
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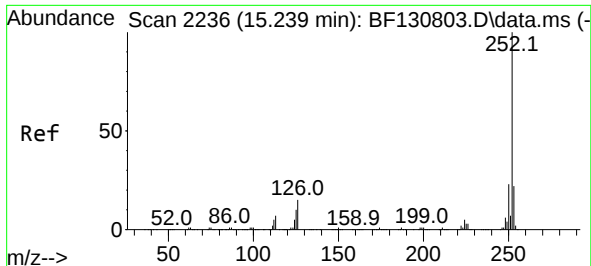
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#88
Benzo(b)fluoranthene
Concen: 50.560 ng
RT: 15.198 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:252 Resp: 687760
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 44.677 ng

RT: 15.233 min Scan# 2236

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

Instrument :

BNA_F

ClientSampleId :

SB-12MS

Tgt Ion:252 Resp: 592205

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

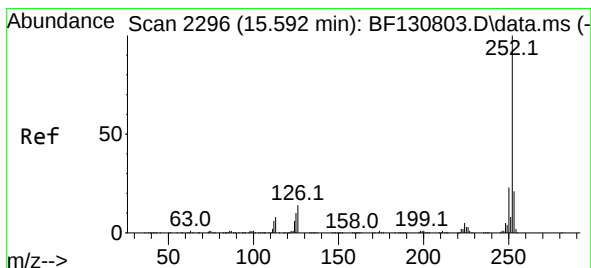
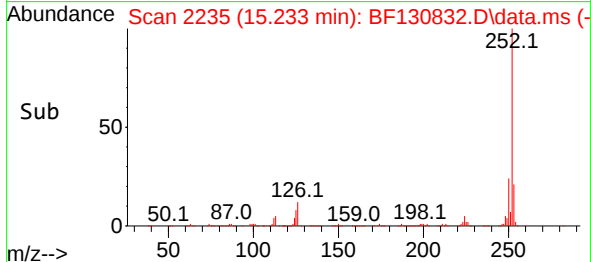
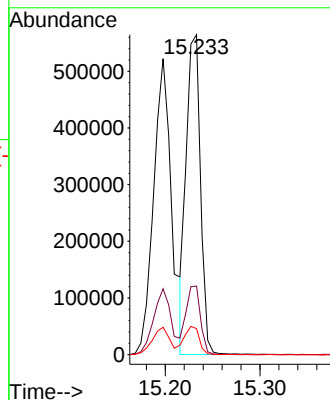
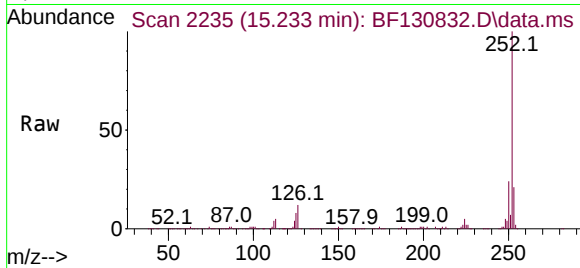
125 8.1 8.0 12.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#90

Benzo(a)pyrene

Concen: 52.614 ng

RT: 15.586 min Scan# 2295

Delta R.T. 0.006 min

Lab File: BF130832.D

Acq: 28 Oct 2022 19:56

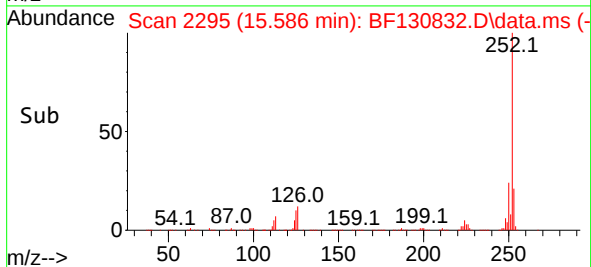
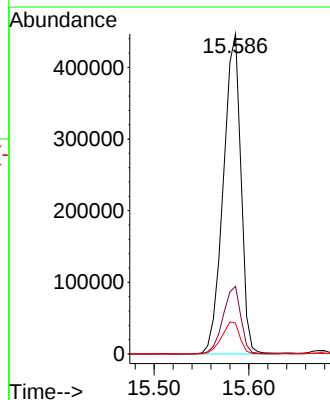
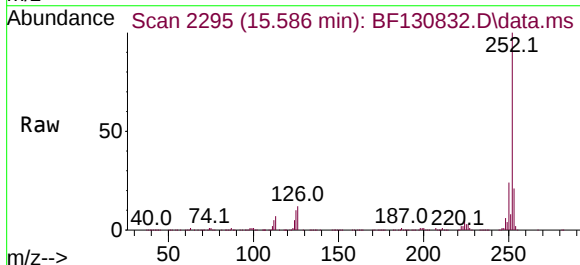
Tgt Ion:252 Resp: 575335

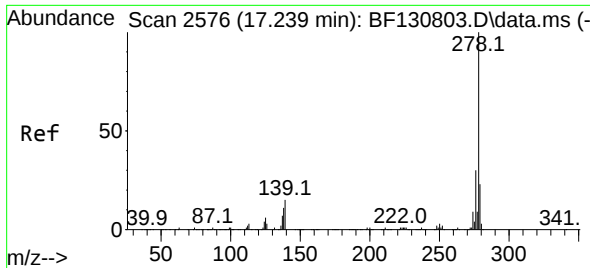
Ion Ratio Lower Upper

252 100

253 21.1 16.8 25.2

125 9.6 8.3 12.5





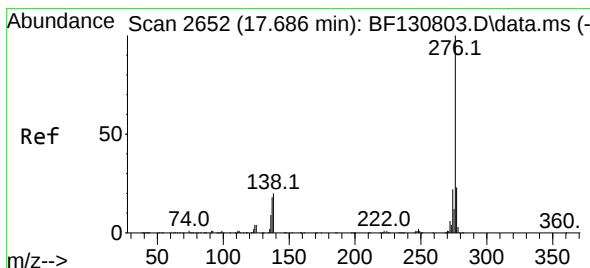
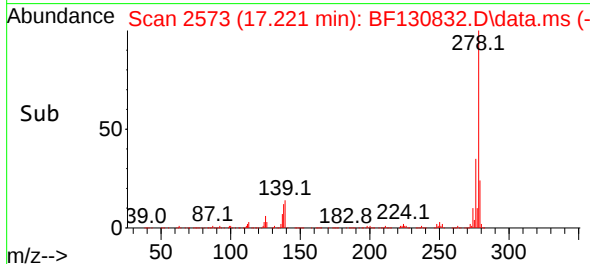
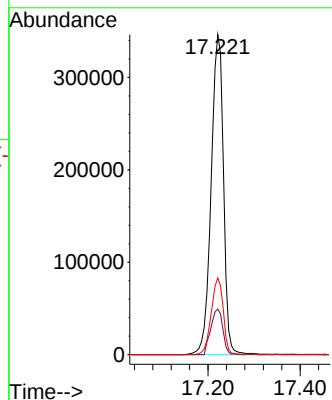
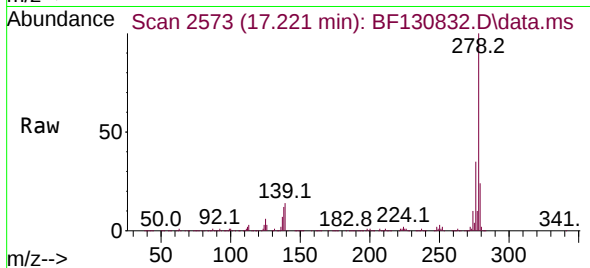
#91
Dibenzo(a,h)anthracene
Concen: 56.421 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Instrument :
BNA_F
ClientSampleId :
SB-12MS

Tgt Ion:278 Resp: 64274
Ion Ratio Lower Upper
278 100
139 14.3 11.9 17.9
279 23.9 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#92
Benzo(g,h,i)perylene
Concen: 55.866 ng
RT: 17.674 min Scan# 2650
Delta R.T. 0.006 min
Lab File: BF130832.D
Acq: 28 Oct 2022 19:56

Tgt Ion:276 Resp: 649279
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 20.4 16.3 24.5

