

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131022.D
 Acq On : 05 Nov 2022 16:31
 Operator : CG\JU
 Sample : N5335-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022

Quant Time: Nov 07 00:49:31 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 07 00:46:02 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86305	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	335177	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	159438	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	304184	20.000	ng	0.00
76) Chrysene-d12	14.092	240	226290	20.000	ng	0.00
86) Perylene-d12	15.592	264	178747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	522893	105.034	ng	0.02
7) Phenol-d6	6.534	99	638505	98.697	ng	0.00
23) Nitrobenzene-d5	7.469	82	414695	74.604	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	182628	136.072	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	727882	69.022	ng	0.00
79) Terphenyl-d14	13.033	244	786669	63.703	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	90362	40.484	ng	92
3) Pyridine	3.534	79	213728	34.187	ng	94
4) n-Nitrosodimethylamine	3.510	42	145561	41.475	ng	# 92
6) Aniline	6.569	93	247864m	30.985	ng	
8) 2-Chlorophenol	6.687	128	234888	42.355	ng	95
9) Benzaldehyde	6.457	77	169041	40.825	ng	94
10) Phenol	6.545	94	275842m	39.623	ng	
11) bis(2-Chloroethyl)ether	6.640	93	215839	39.771	ng	95
12) 1,3-Dichlorobenzene	6.845	146	278107	44.255	ng	99
13) 1,4-Dichlorobenzene	6.922	146	279589	43.831	ng	99
14) 1,2-Dichlorobenzene	7.075	146	257403	43.572	ng	98
15) Benzyl Alcohol	7.045	79	233540	42.454	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	379988	39.281	ng	97
17) 2-Methylphenol	7.157	107	190848	40.263	ng	98
18) Hexachloroethane	7.416	117	101590	44.067	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	170532	38.743	ng	97
20) 3+4-Methylphenols	7.310	107	221444	35.931	ng	# 70
22) Acetophenone	7.316	105	324848	39.974	ng	# 91
24) Nitrobenzene	7.492	77	263314	43.321	ng	96
25) Isophorone	7.728	82	460116	40.141	ng	98
26) 2-Nitrophenol	7.804	139	118726	49.411	ng	# 87
27) 2,4-Dimethylphenol	7.839	122	206544	43.296	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	274116	42.819	ng	98
29) 2,4-Dichlorophenol	8.045	162	184860	37.669	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	228601	43.320	ng	98
31) Naphthalene	8.210	128	729305	41.705	ng	99
32) Benzoic acid	7.963	122	122546	38.042	ng	96
33) 4-Chloroaniline	8.257	127	169965	24.596	ng	99
34) Hexachlorobutadiene	8.322	225	151396	43.219	ng	99
35) Caprolactam	8.634	113	58478m	37.185	ng	
36) 4-Chloro-3-methylphenol	8.745	107	206766	38.843	ng	96
37) 2-Methylnaphthalene	8.904	142	432335	39.304	ng	99
38) 1-Methylnaphthalene	9.004	142	390380	36.467	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	212972	47.103	ng	98
41) Hexachlorocyclopentadiene	9.051	237	260772	109.769	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	142992	45.513	ng	99

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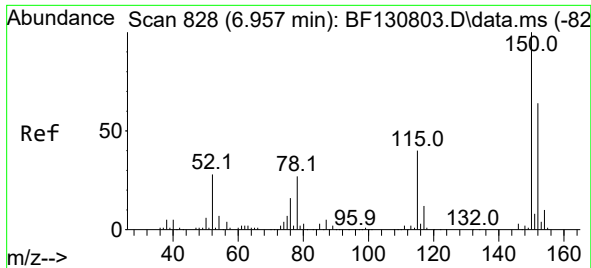
Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:49:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

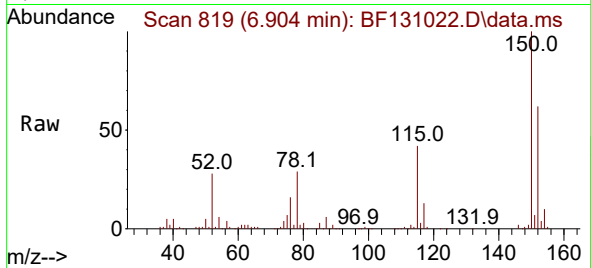
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	150415	44.811	ng	96
46) 1,1'-Biphenyl	9.369	154	508650	44.779	ng	99
47) 2-Chloronaphthalene	9.398	162	402333	44.171	ng	96
48) 2-Nitroaniline	9.492	65	145471	49.524	ng	98
49) Acenaphthylene	9.816	152	609962	42.377	ng	99
50) Dimethylphthalate	9.675	163	465362	42.495	ng	100
51) 2,6-Dinitrotoluene	9.733	165	102043	48.959	ng	99
52) Acenaphthene	9.986	154	439089m	49.334	ng	
53) 3-Nitroaniline	9.904	138	68659	32.188	ng	# 94
54) 2,4-Dinitrophenol	10.016	184	107023	97.337	ng	94
55) Dibenzofuran	10.157	168	541020	41.937	ng	96
56) 4-Nitrophenol	10.075	139	157055	92.991	ng	92
57) 2,4-Dinitrotoluene	10.145	165	140075	53.126	ng	97
58) Fluorene	10.504	166	462466	45.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.275	232	123902	44.772	ng	99
60) Diethylphthalate	10.375	149	492225	45.703	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	230137	47.356	ng	98
62) 4-Nitroaniline	10.528	138	110490	51.155	ng	94
63) Azobenzene	10.657	77	504676	44.889	ng	97
65) 4,6-Dinitro-2-methylph...	10.551	198	78079	59.202	ng	94
66) n-Nitrosodiphenylamine	10.616	169	418659	44.125	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	144353	47.189	ng	95
68) Hexachlorobenzene	11.051	284	159684	47.378	ng	94
69) Atrazine	11.145	200	138682	50.613	ng	93
70) Pentachlorophenol	11.245	266	151840	78.949	ng	96
71) Phenanthrene	11.469	178	659298	41.994	ng	99
72) Anthracene	11.522	178	669724	43.249	ng	99
73) Carbazole	11.674	167	577948	41.676	ng	100
74) Di-n-butylphthalate	12.004	149	773696	45.938	ng	98
75) Fluoranthene	12.663	202	670135	40.173	ng	99
77) Benzidine	12.786	184	288805	52.575	ng	99
78) Pyrene	12.892	202	718519	37.635	ng	98
80) Butylbenzylphthalate	13.510	149	279281	40.660	ng	87
81) Benzo(a)anthracene	14.080	228	642209	42.805	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	171048	42.242	ng	95
83) Chrysene	14.121	228	595361	41.140	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	421120	50.992	ng	99
85) Di-n-octyl phthalate	14.680	149	557964	48.953	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	580432	48.898	ng	97
88) Benzo(b)fluoranthene	15.151	252	512268	44.334	ng	99
89) Benzo(k)fluoranthene	15.180	252	485615	43.130	ng	99
90) Benzo(a)pyrene	15.527	252	434446	46.772	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	487323	50.361	ng	97
92) Benzo(g,h,i)perylene	17.586	276	497710	50.416	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131022.D
 Acq: 05 Nov 2022 16:31

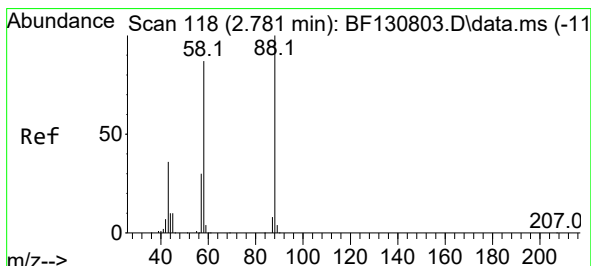
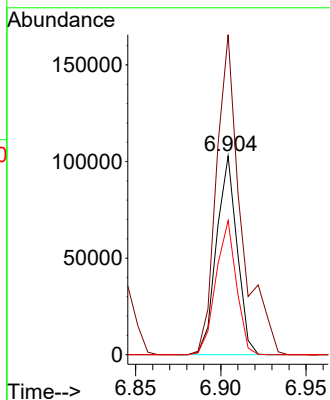
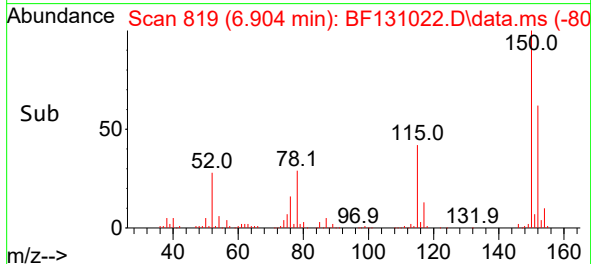
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD



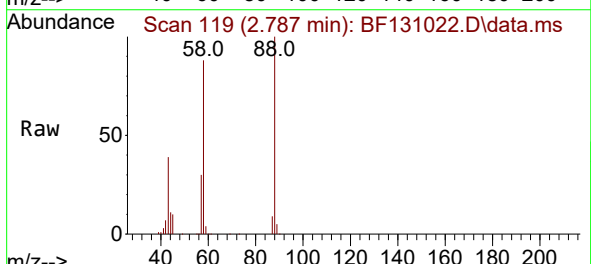
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 Ion Ratio Lower Upper
 152 100
 150 161.0 124.1 186.1
 115 67.5 50.1 75.1

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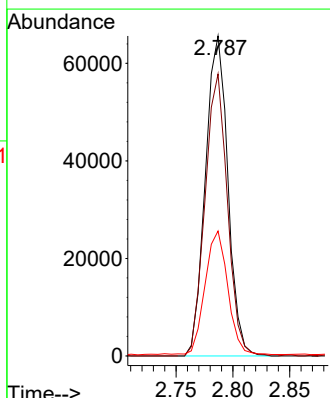
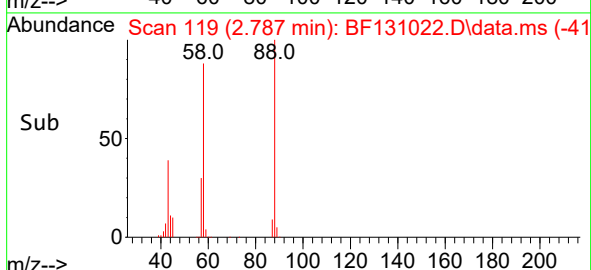
Reviewed By :Christian
 Giraldo
 11/07/2022
 Supervised By :Jagrut
 Upadhyay
 11/07/2022

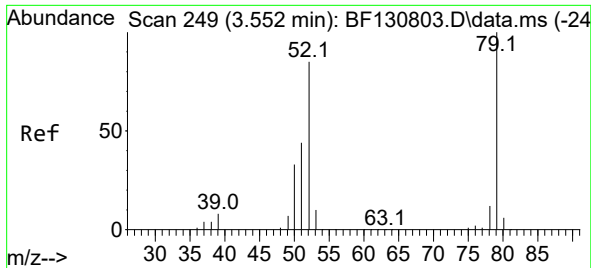


#2
 1,4-Dioxane
 Concen: 40.484 ng
 RT: 2.787 min Scan# 119
 Delta R.T. 0.106 min
 Lab File: BF131022.D
 Acq: 05 Nov 2022 16:31



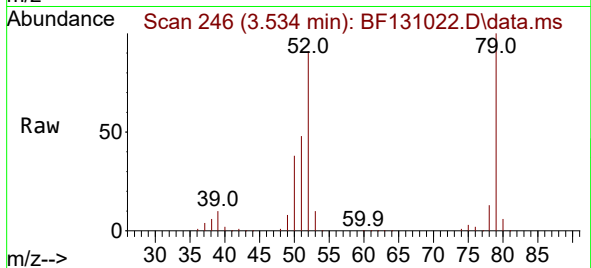
Tgt Ion: 88 Resp: 90362
 Ion Ratio Lower Upper
 88 100
 58 87.8 64.7 97.1
 43 38.9 26.5 39.7





#3
Pyridine
Concen: 34.187 ng
RT: 3.534 min Scan# 249
Delta R.T. 0.082 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

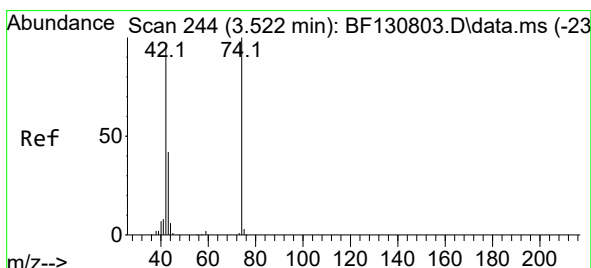
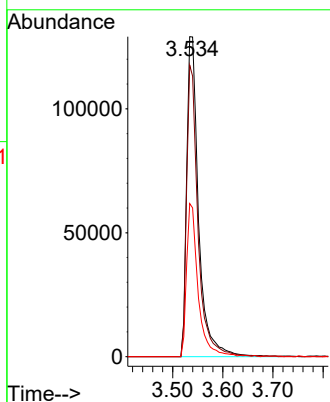
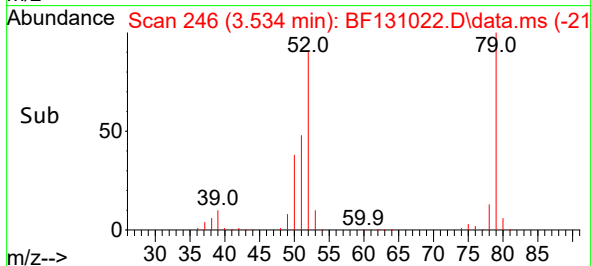
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



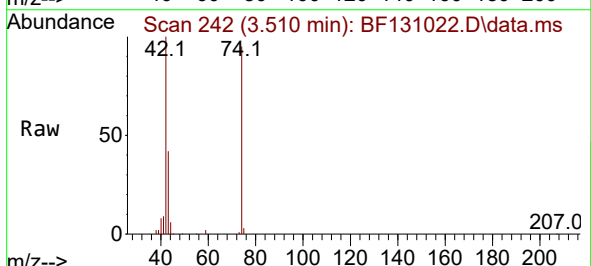
Tgt Ion: 79 Resp: 213728
Ion Ratio Lower Upper
79 100
52 91.1 68.2 102.4
51 47.9 35.2 52.8

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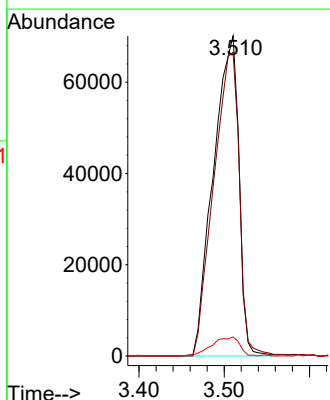
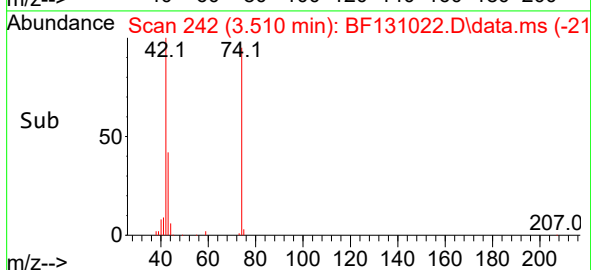
Reviewed By :Christian
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11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

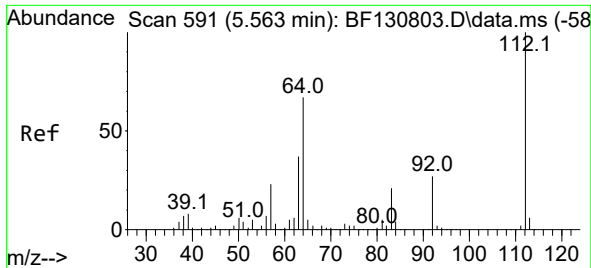


#4
n-Nitrosodimethylamine
Concen: 41.475 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.088 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



Tgt Ion: 42 Resp: 145561
Ion Ratio Lower Upper
42 100
74 94.9 82.8 124.2
44 5.9 6.0 9.0





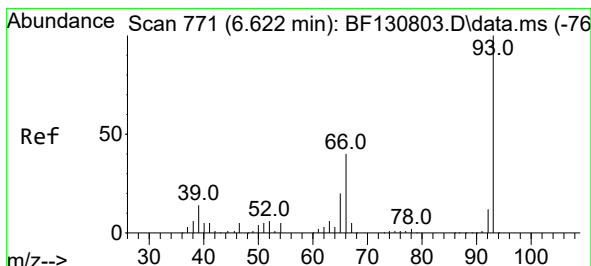
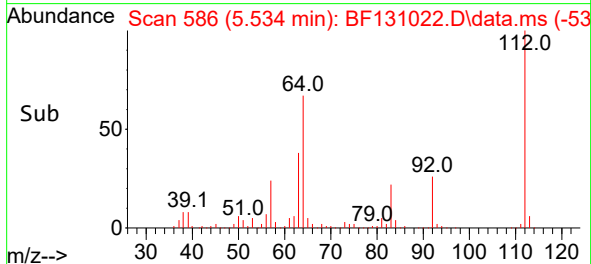
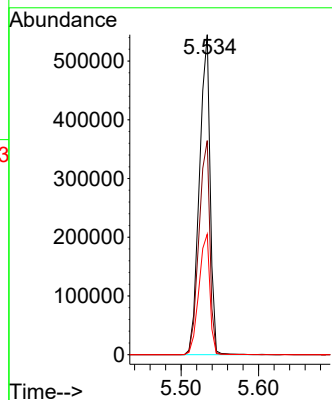
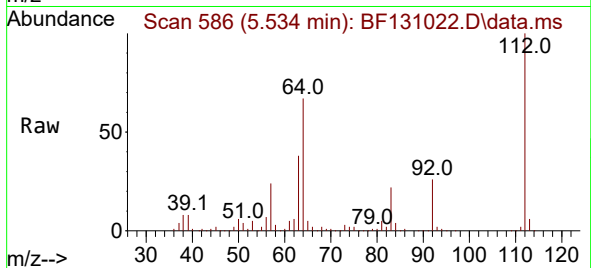
#5
2-Fluorophenol
Concen: 105.034 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:112 Resp: 52289
Ion Ratio Lower Upper
112 100
64 66.9 53.9 80.9
63 37.6 29.4 44.2

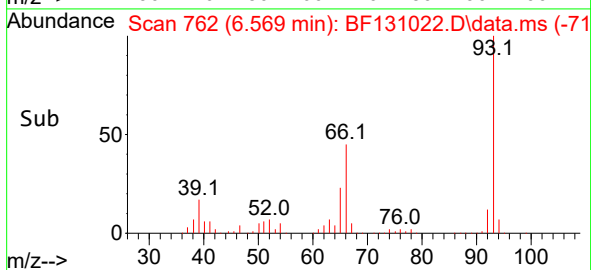
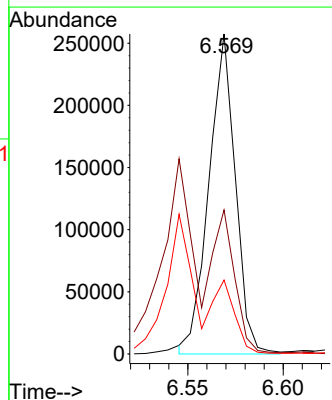
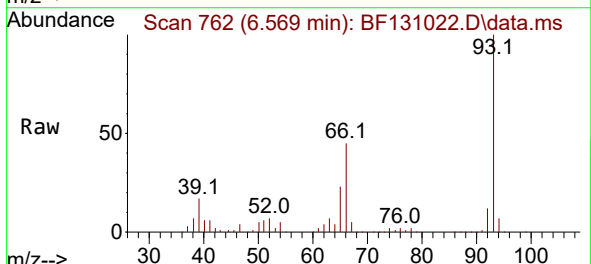
Manual Integrations
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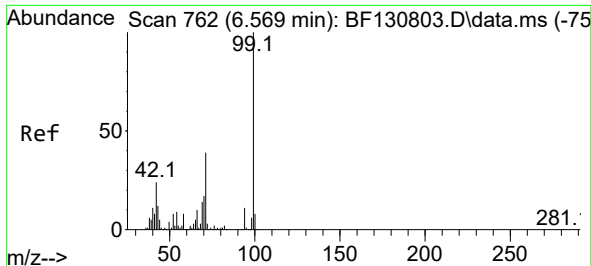
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#6
Aniline
Concen: 30.985 ng m
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

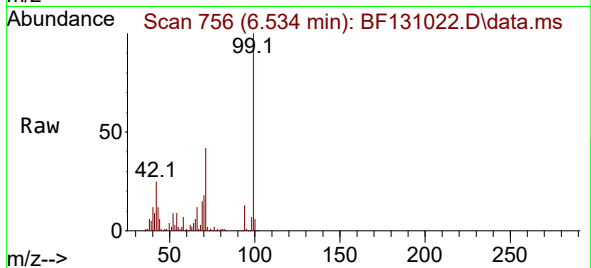
Tgt Ion: 93 Resp: 247864
Ion Ratio Lower Upper
93 100
66 45.0 33.8 50.8
65 23.1 17.2 25.8





#7
Phenol-d6
Concen: 98.697 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

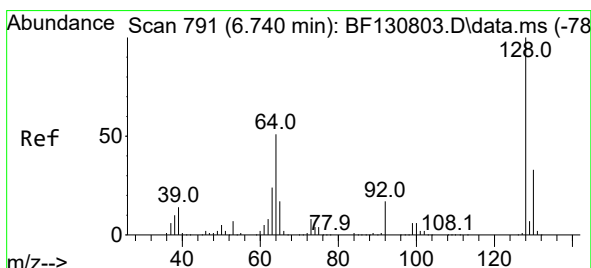
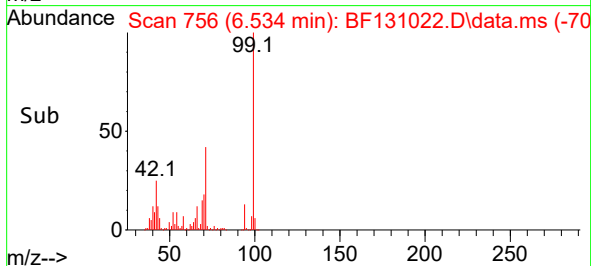
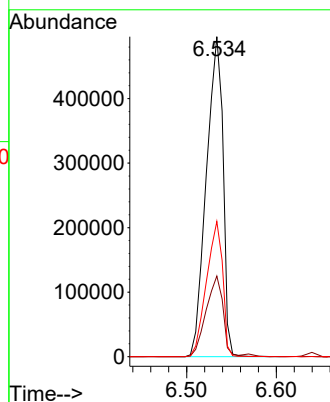
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion: 99 Resp: 63850
Ion Ratio Lower Upper
99 100
42 25.2 18.8 28.2
71 42.2 31.4 47.0

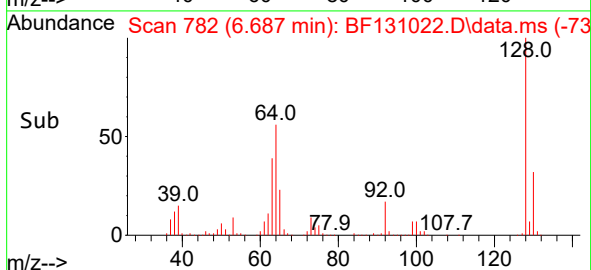
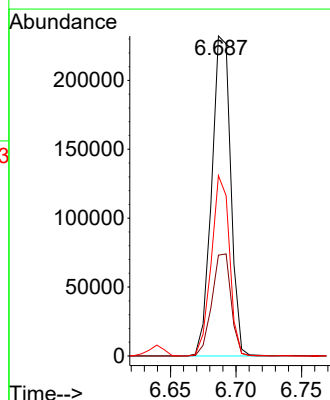
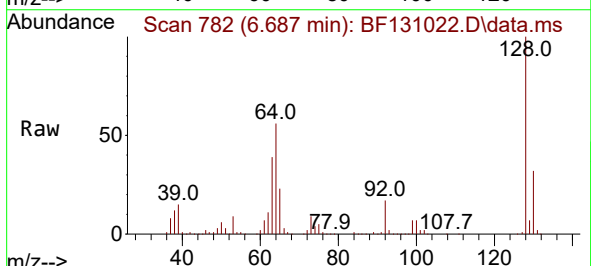
Manual Integrations
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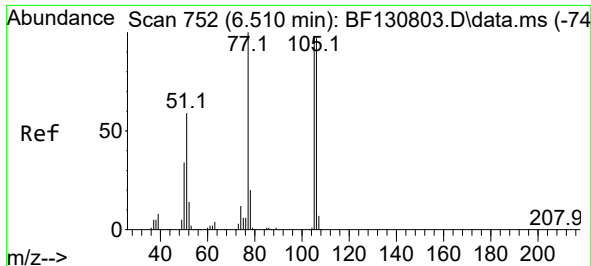
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#8
2-Chlorophenol
Concen: 42.355 ng
RT: 6.687 min Scan# 782
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

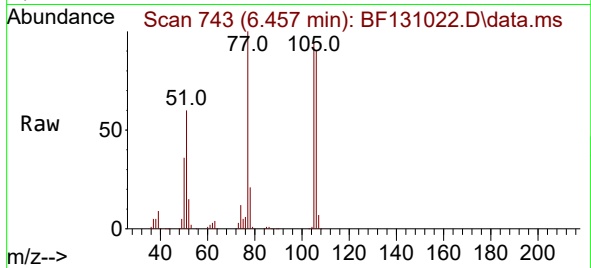
Tgt Ion:128 Resp: 234888
Ion Ratio Lower Upper
128 100
130 31.5 12.7 52.7
64 56.3 31.3 71.3





#9
Benzaldehyde
Concen: 40.825 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

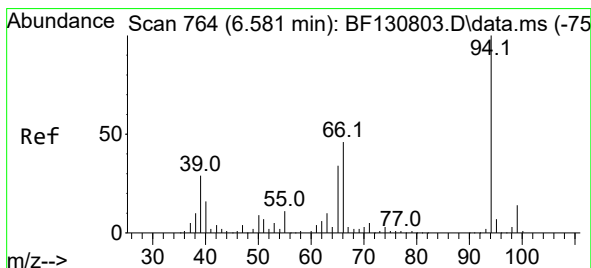
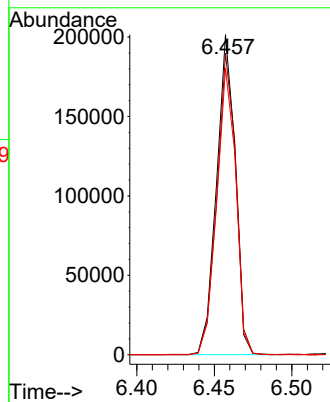
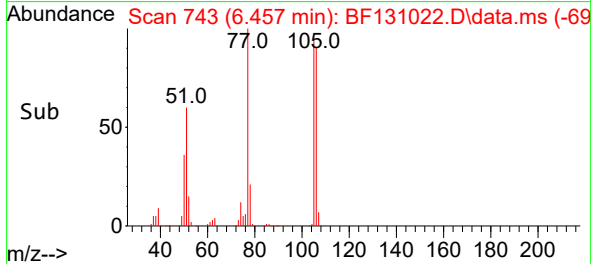
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



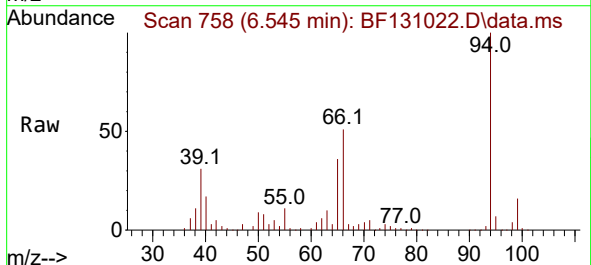
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Ion Ratio Lower Upper
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105 94.2 78.2 118.2
106 89.6 76.6 116.6

Manual Integrations
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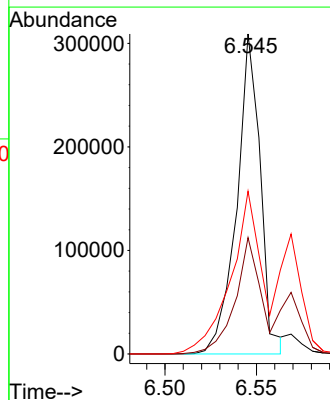
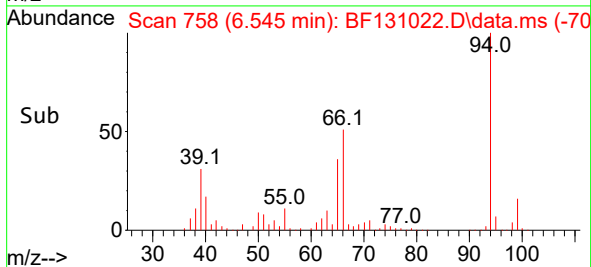
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11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

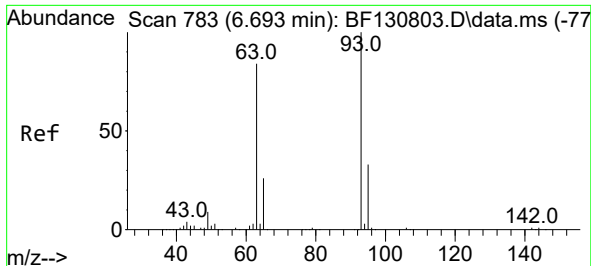


#10
Phenol
Concen: 39.623 ng m
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



Tgt Ion: 94 Resp: 275842
Ion Ratio Lower Upper
94 100
65 36.4 13.7 53.7
66 50.8 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 39.771 ng

RT: 6.640 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion: 93 Resp: 215839

Ion Ratio Lower Upper

93 100

63 88.3 63.4 103.4

95 31.4 12.6 52.6

Manual Integrations

APPROVED

Reviewed By :Christian

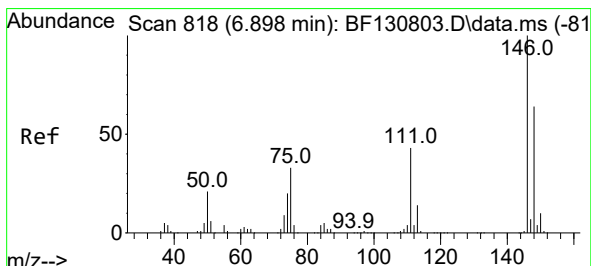
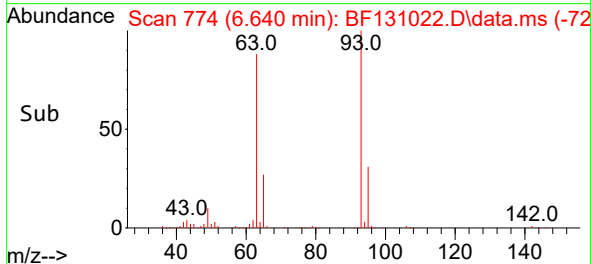
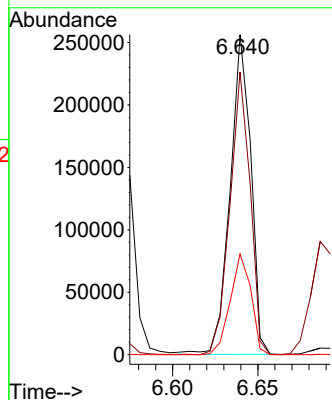
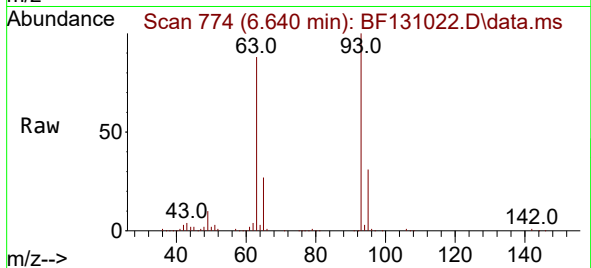
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#12

1,3-Dichlorobenzene

Concen: 44.255 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

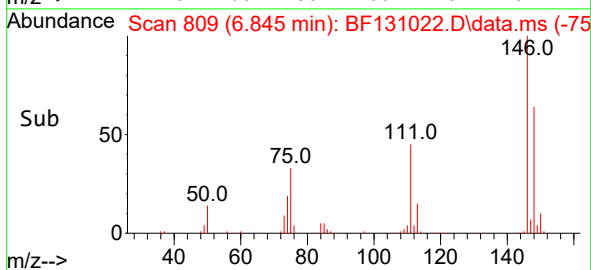
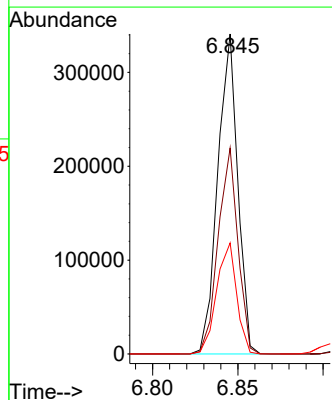
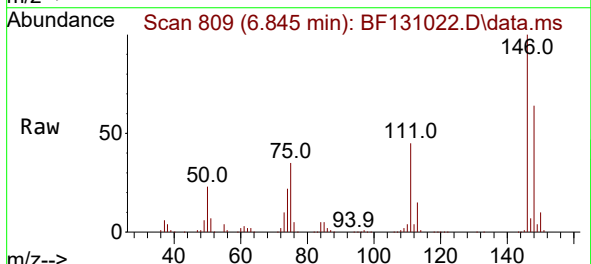
Tgt Ion:146 Resp: 278107

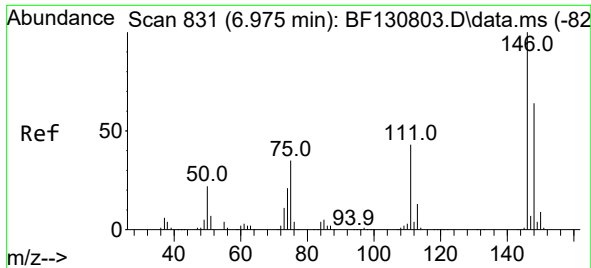
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

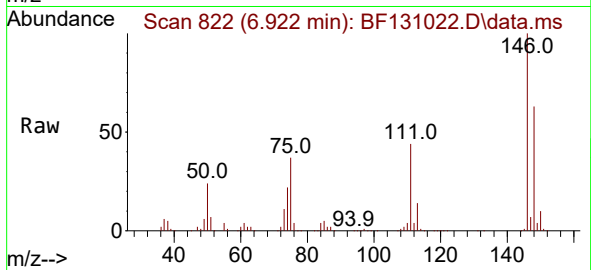
75 34.7 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 43.831 ng
RT: 6.922 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

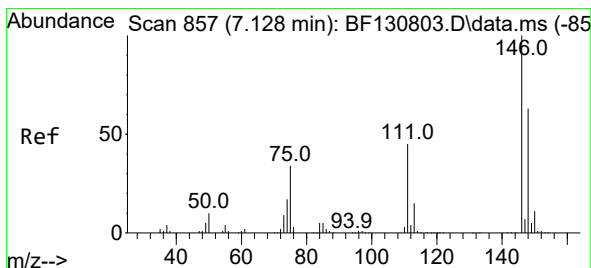
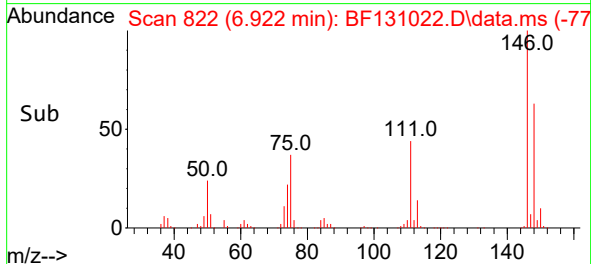
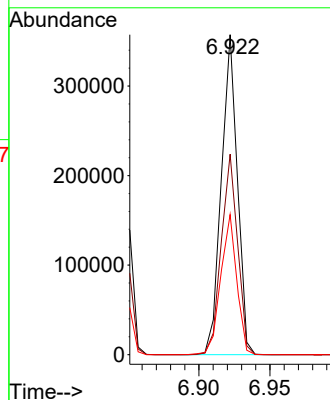
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:146 Resp: 279589
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
111 43.8 34.6 51.8

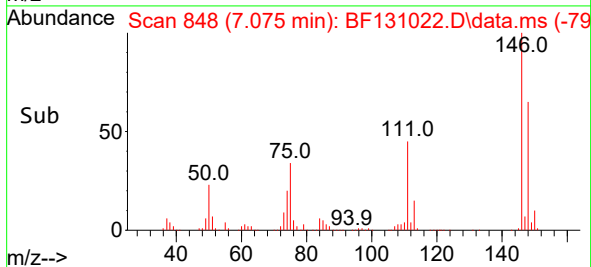
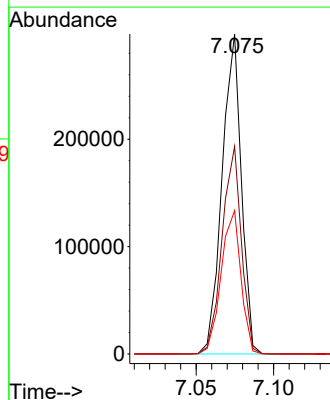
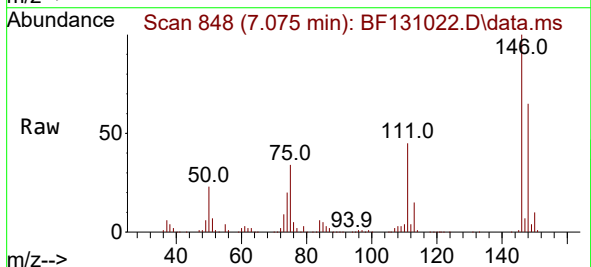
Manual Integrations
APPROVED

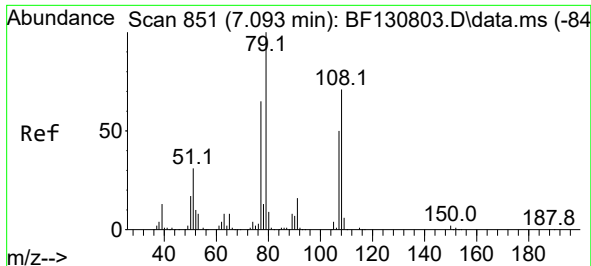
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#14
1,2-Dichlorobenzene
Concen: 43.572 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

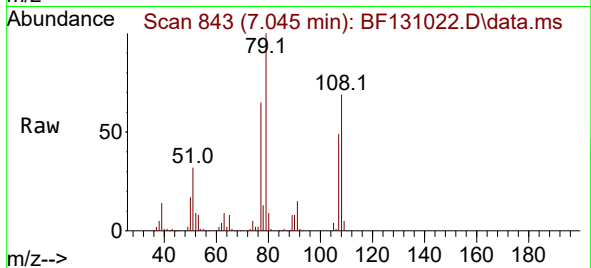
Tgt Ion:146 Resp: 257403
Ion Ratio Lower Upper
146 100
148 64.9 50.6 76.0
111 44.8 36.3 54.5





#15
Benzyl Alcohol
Concen: 42.454 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

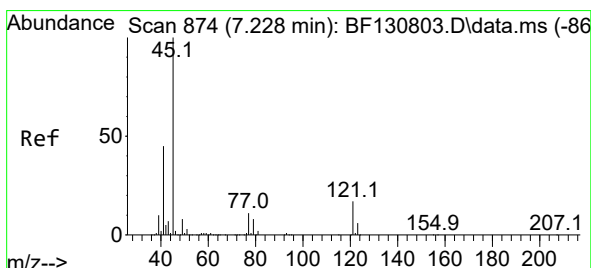
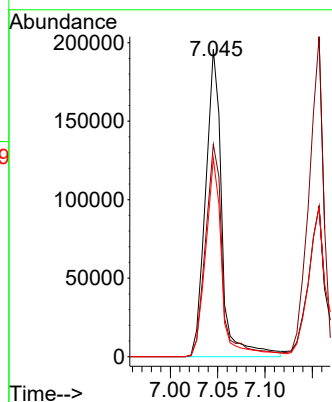
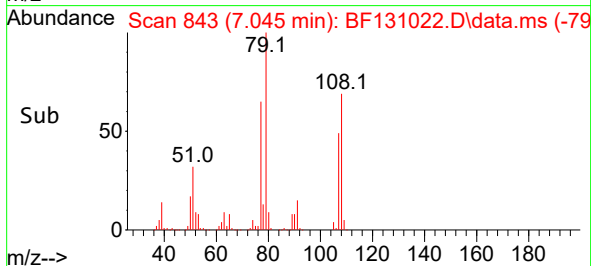
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



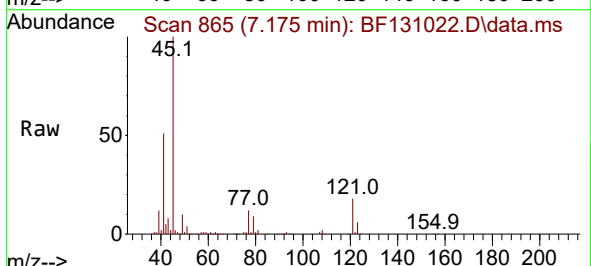
Tgt Ion: 79 Resp: 233540
Ion Ratio Lower Upper
79 100
108 69.1 56.4 84.6
77 64.6 51.8 77.8

Manual Integrations
APPROVED

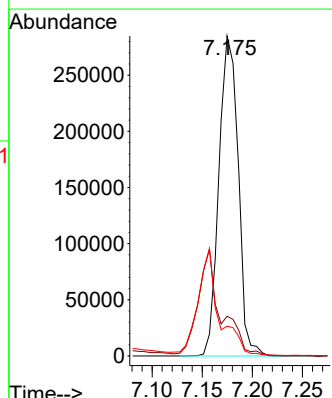
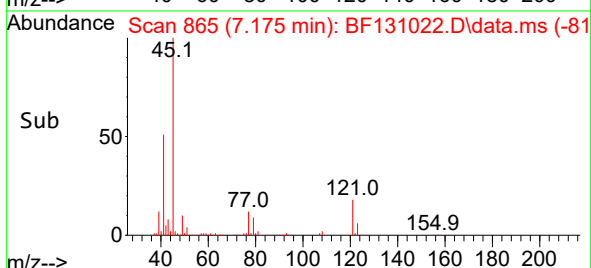
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

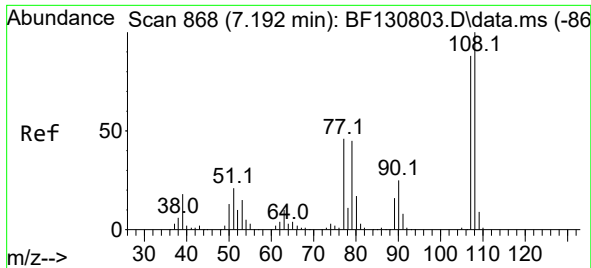


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.281 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



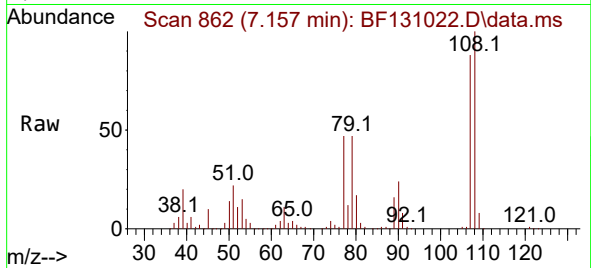
Tgt Ion: 45 Resp: 379988
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.2
79 9.3 0.0 28.4





#17
2-Methylphenol
Concen: 40.263 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

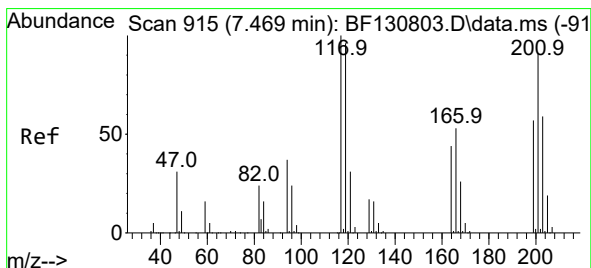
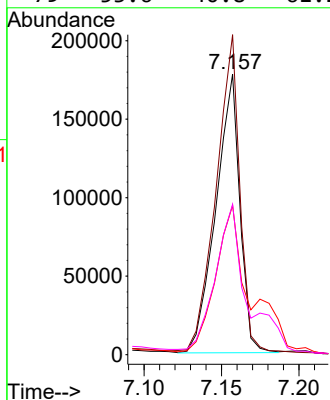
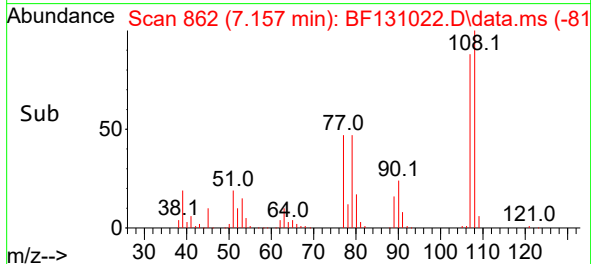
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:107 Resp: 190848
Ion Ratio Lower Upper
107 100
108 114.0 90.5 135.7
77 53.2 41.2 61.8
79 53.6 40.8 61.2

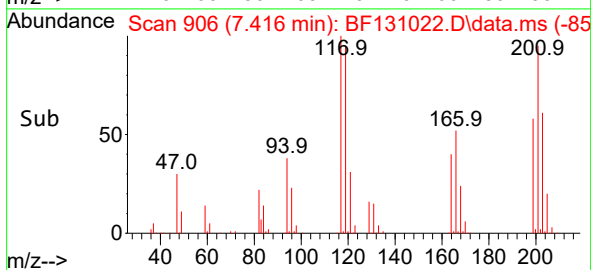
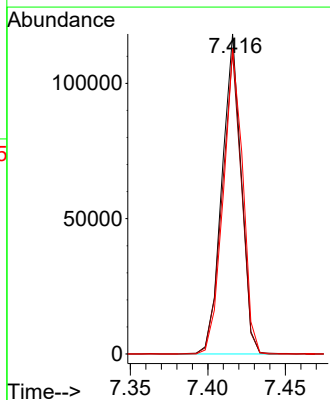
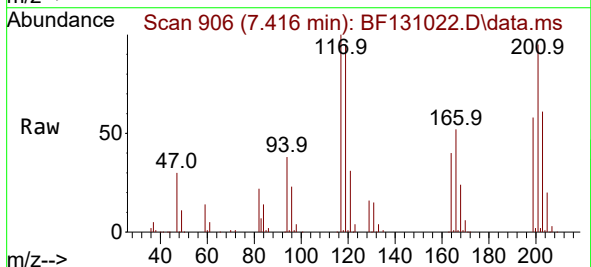
Manual Integrations
APPROVED

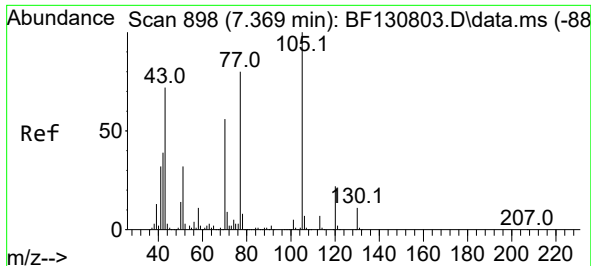
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#18
Hexachloroethane
Concen: 44.067 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:117 Resp: 101590
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7
201 95.4 72.9 109.3





#19

n-Nitroso-di-n-propylamine

Concen: 38.743 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion: 70 Resp: 17053

Ion Ratio Lower Upper

70 100

42 73.2 56.1 84.1

101 9.2 7.3 10.9

130 19.4 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Christian

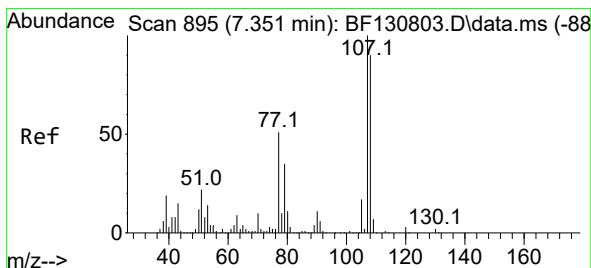
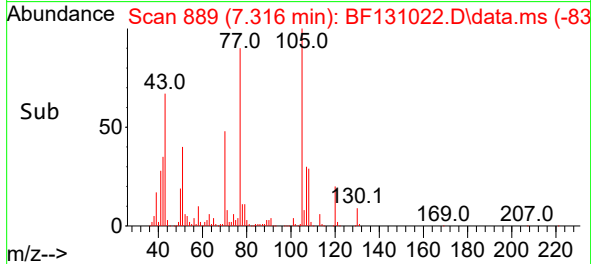
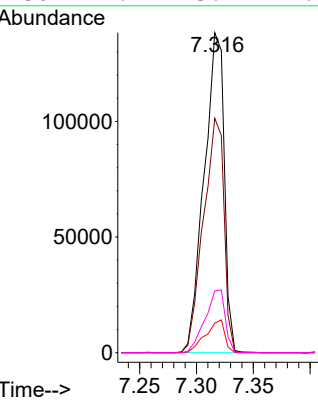
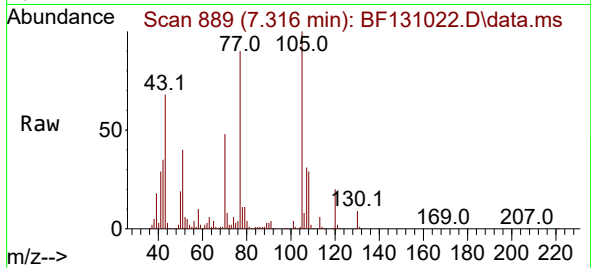
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#20

3+4-Methylphenols

Concen: 35.931 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Tgt Ion:107 Resp: 221444

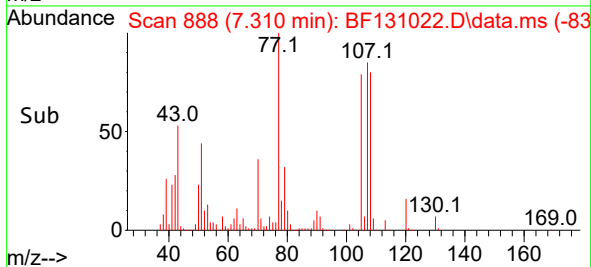
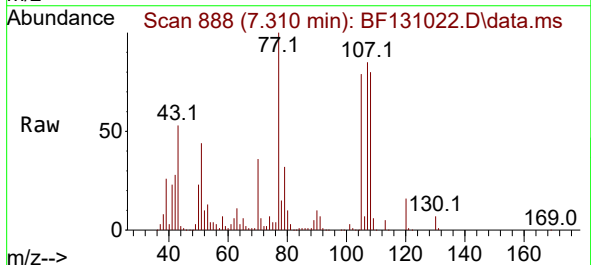
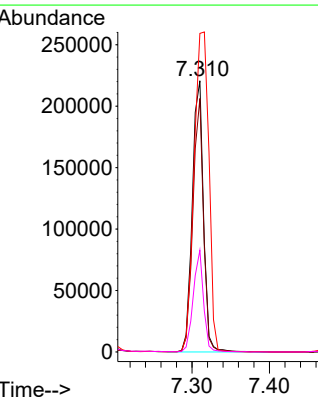
Ion Ratio Lower Upper

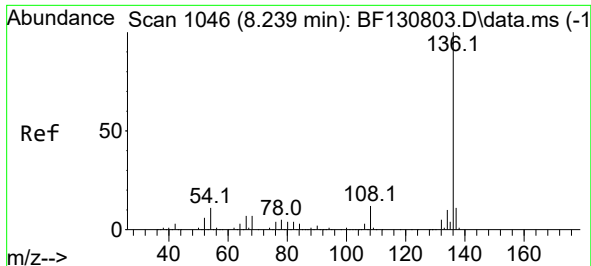
107 100

108 93.4 70.4 110.4

77 117.4 31.1 71.1

79 37.5 14.5 54.5





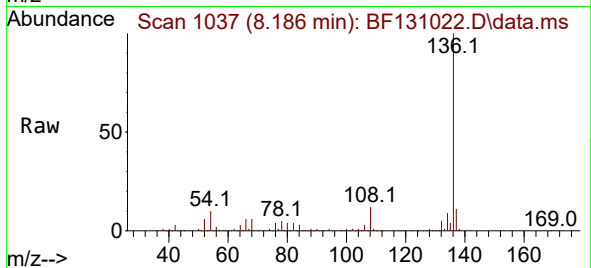
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

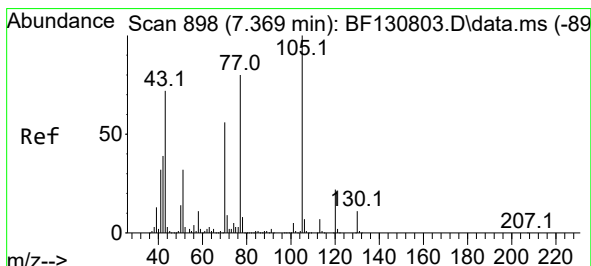
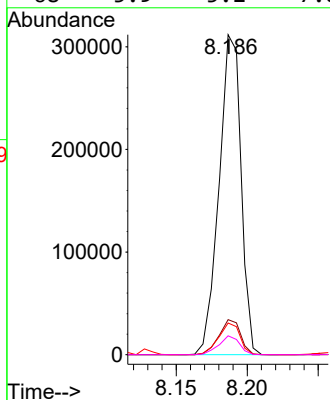
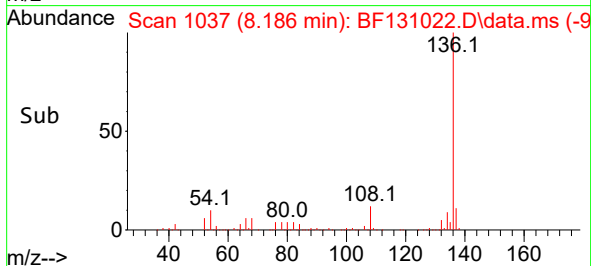


Tgt Ion:136 Resp: 33517
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 9.9 8.8 13.2
68 5.9 5.2 7.8

Manual Integrations
APPROVED

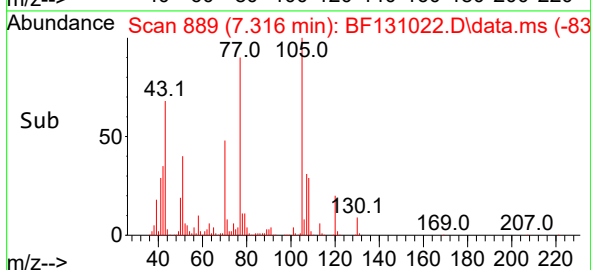
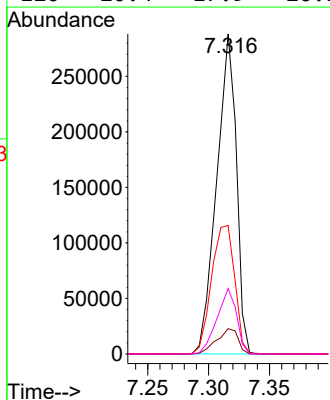
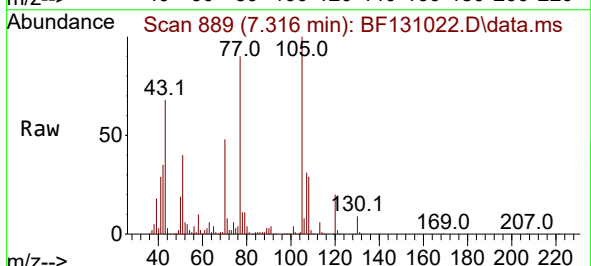
Reviewed By :Christian
Giraldo
11/07/2022

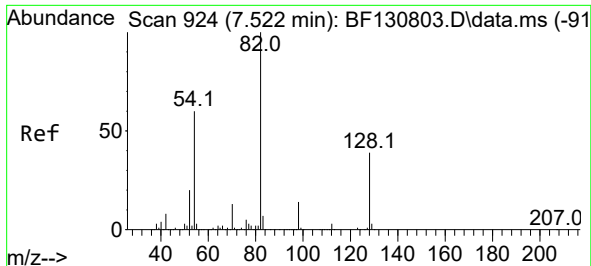
Supervised By :Jagrut
Upadhyay
11/07/2022



#22
Acetophenone
Concen: 39.974 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

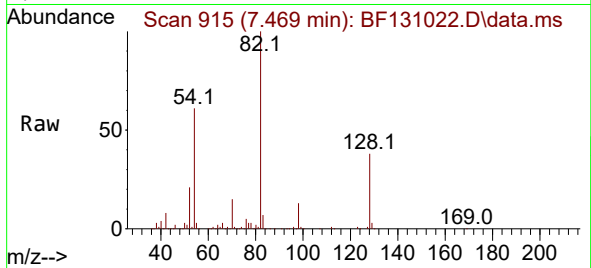
Tgt Ion:105 Resp: 324848
Ion Ratio Lower Upper
105 100
71 7.9 7.2 10.8
51 40.2 25.9 38.9#
120 20.4 17.9 26.9





#23
Nitrobenzene-d5
Concen: 74.604 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

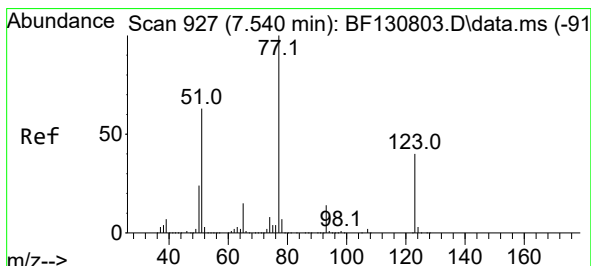
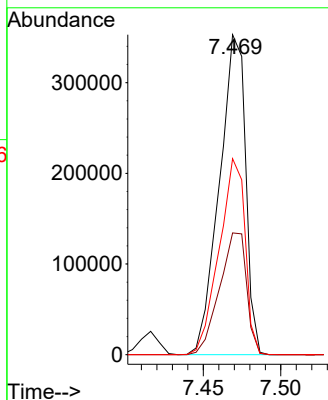
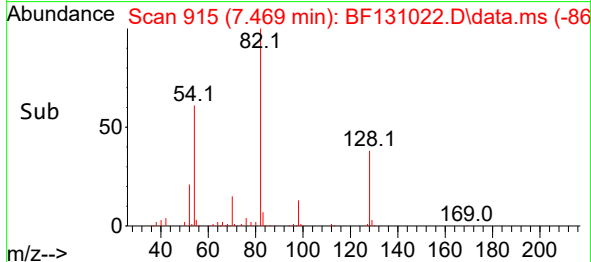


Tgt Ion: 82 Resp: 414695
Ion Ratio Lower Upper
82 100
128 38.0 31.2 46.8
54 61.3 48.0 72.0

Manual Integrations
APPROVED

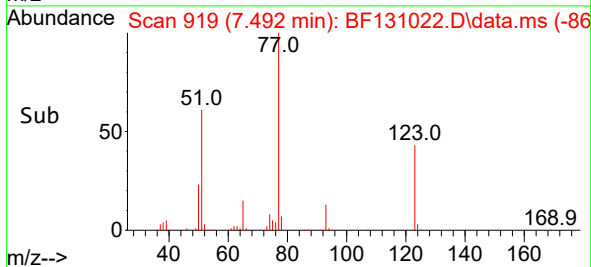
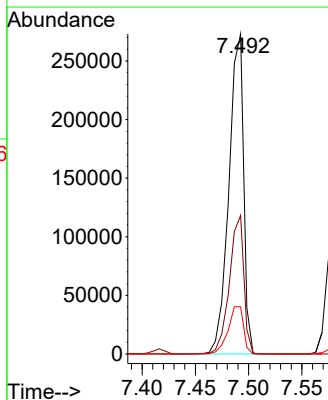
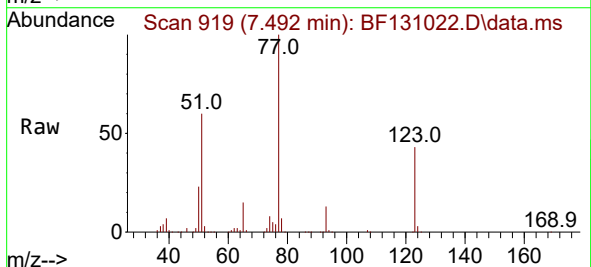
Reviewed By :Christian
Giraldo
11/07/2022

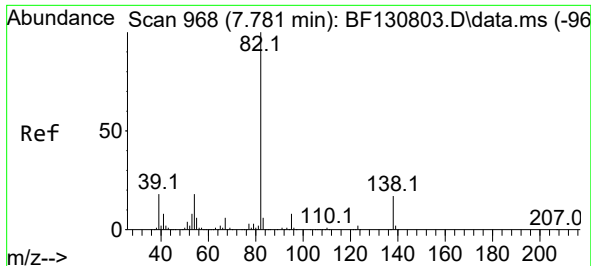
Supervised By :Jagrut
Upadhyay
11/07/2022



#24
Nitrobenzene
Concen: 43.321 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

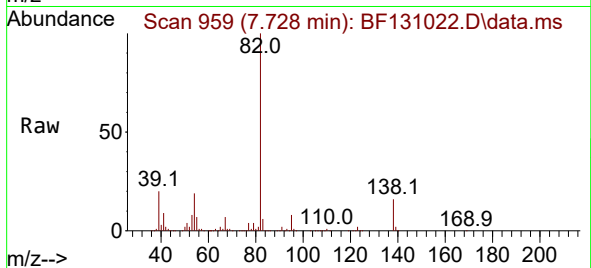
Tgt Ion: 77 Resp: 263314
Ion Ratio Lower Upper
77 100
123 43.3 32.2 48.2
65 14.8 12.0 18.0





#25
Isophorone
Concen: 40.141 ng
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

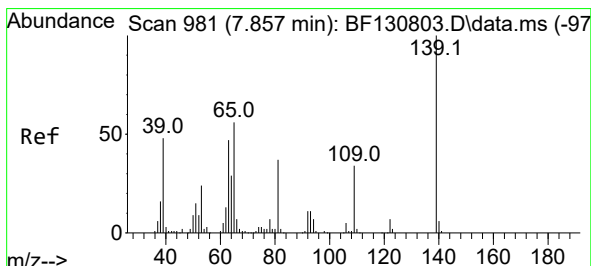
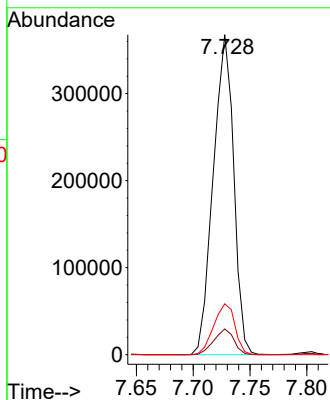
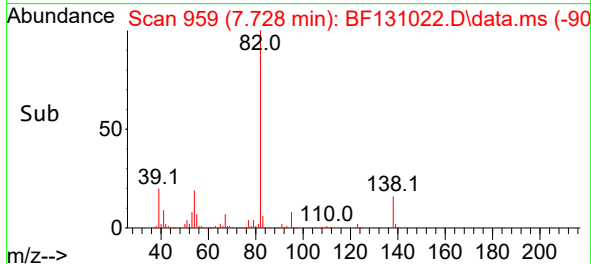
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion: 82 Resp: 460110
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 15.9 13.8 20.6

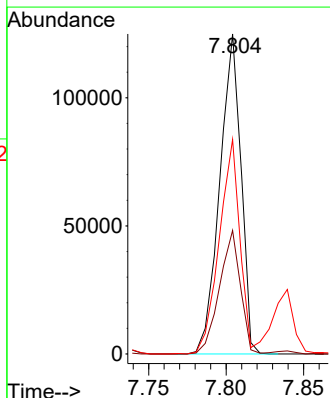
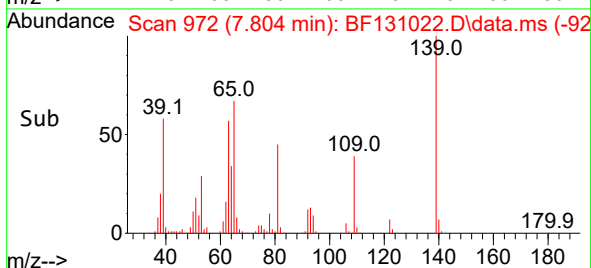
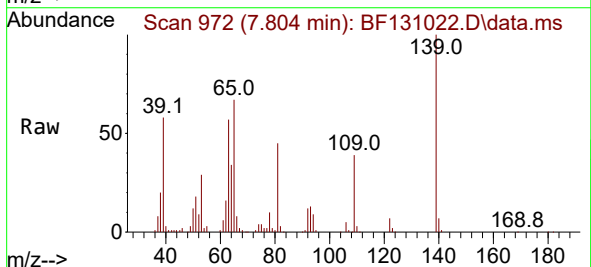
Manual Integrations
APPROVED

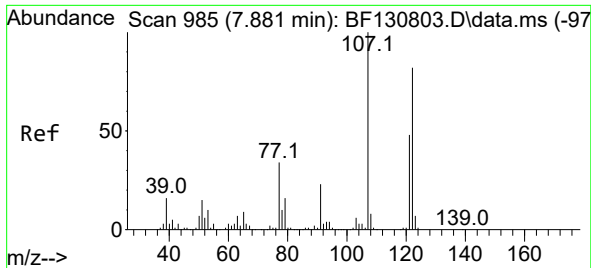
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#26
2-Nitrophenol
Concen: 49.411 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:139 Resp: 118726
Ion Ratio Lower Upper
139 100
109 38.6 27.3 40.9
65 67.1 44.6 67.0#





#27

2,4-Dimethylphenol

Concen: 43.296 ng

RT: 7.839 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

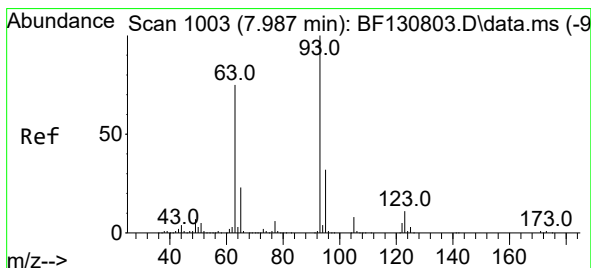
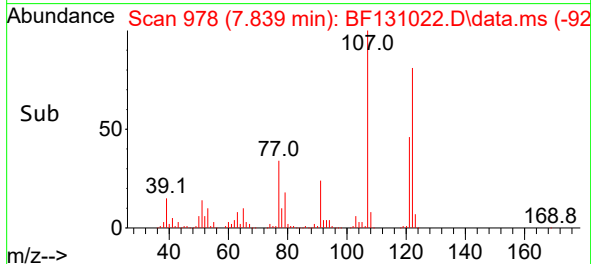
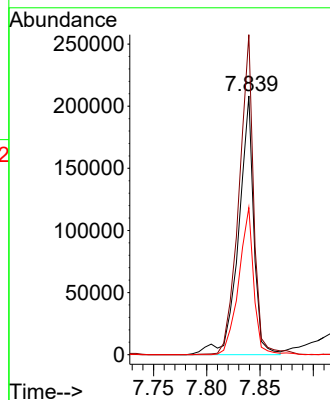
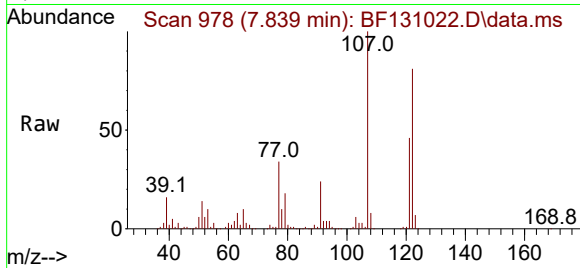
SB-2MSD

Tgt Ion:122 Resp: 206544
 Ion Ratio Lower Upper
 122 100
 107 123.7 97.1 145.7
 121 56.9 46.9 70.3

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 11/07/2022

Supervised By :Jagrut
 Upadhyay
 11/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.819 ng

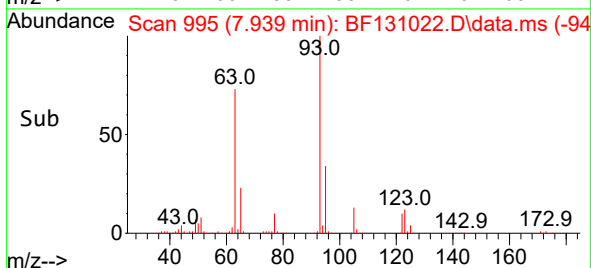
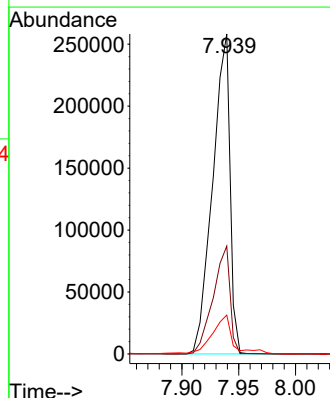
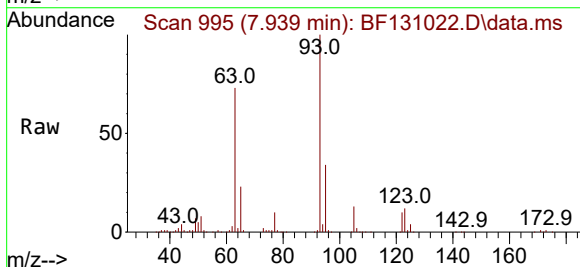
RT: 7.939 min Scan# 995

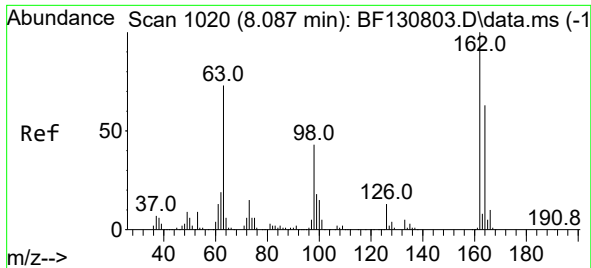
Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Tgt Ion: 93 Resp: 274116
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.7 38.5
 123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 37.669 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:162 Resp: 184860

Ion Ratio Lower Upper

162 100

164 63.6 43.2 83.2

98 40.6 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian

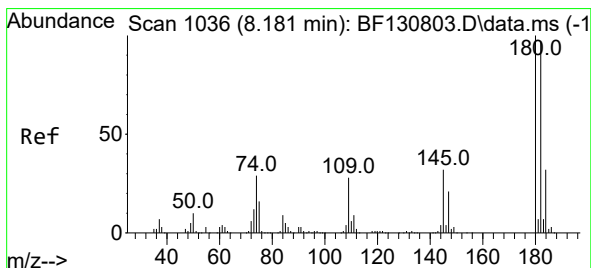
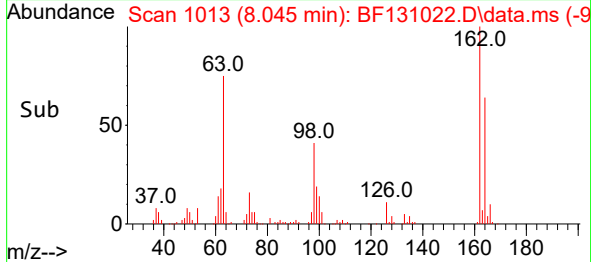
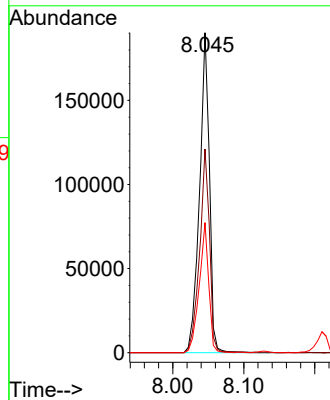
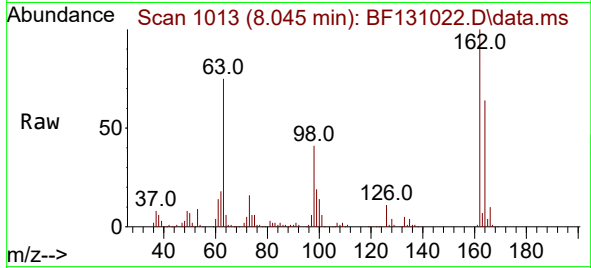
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.320 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

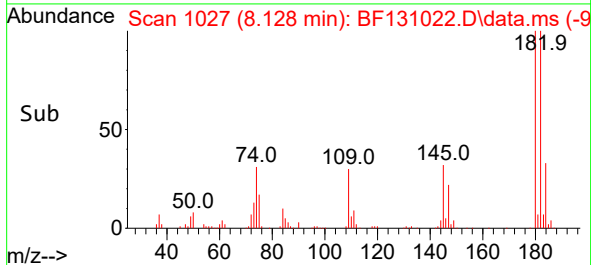
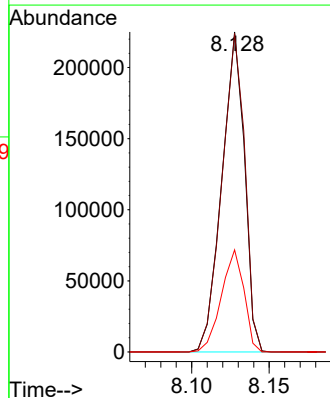
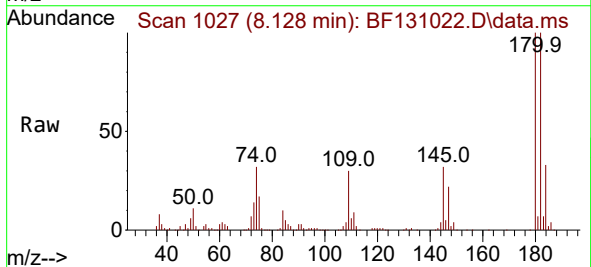
Tgt Ion:180 Resp: 228601

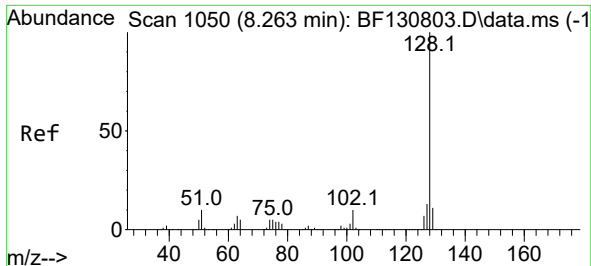
Ion Ratio Lower Upper

180 100

182 99.5 77.7 116.5

145 31.9 25.9 38.9





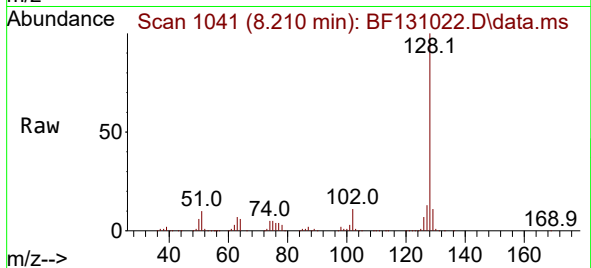
#31
Naphthalene
Concen: 41.705 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

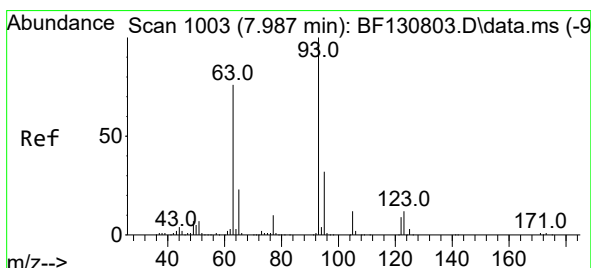
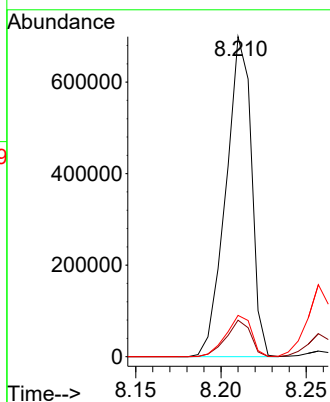
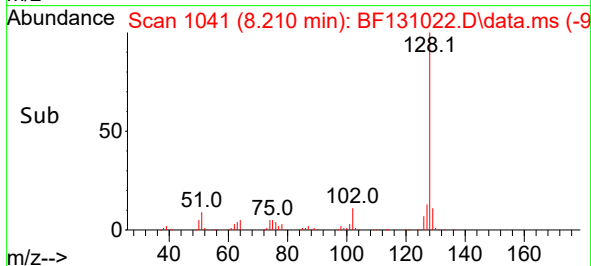


Tgt Ion:128 Resp: 729305
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.9 10.6 16.0

Manual Integrations
APPROVED

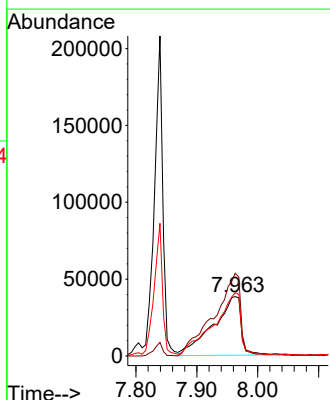
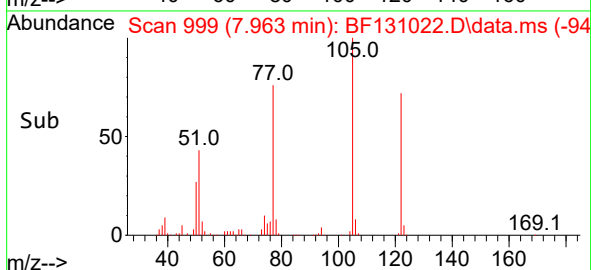
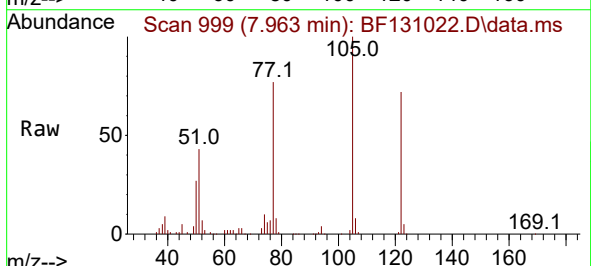
Reviewed By :Christian
Giraldo
11/07/2022

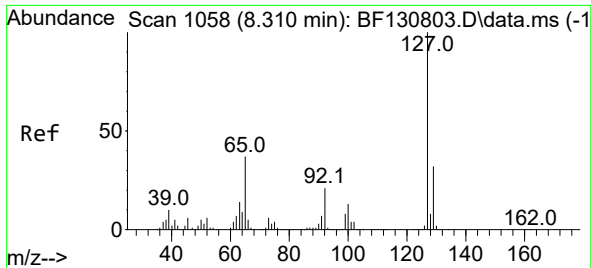
Supervised By :Jagrut
Upadhyay
11/07/2022



#32
Benzoic acid
Concen: 38.042 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

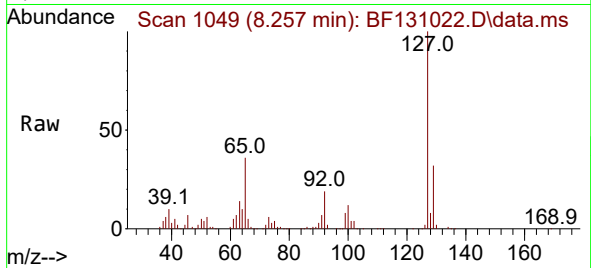
Tgt Ion:122 Resp: 122546
Ion Ratio Lower Upper
122 100
105 139.2 114.5 154.5
77 106.5 89.8 129.8





#33
4-Chloroaniline
Concen: 24.596 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

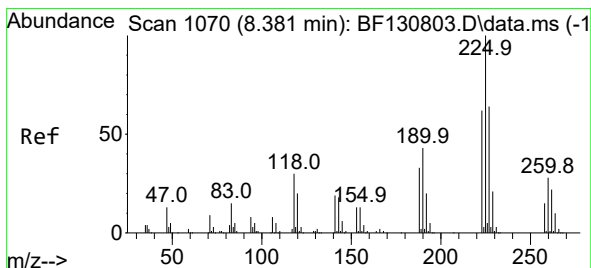
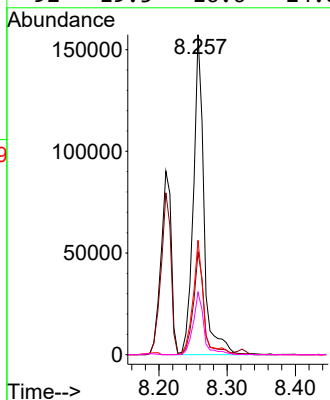
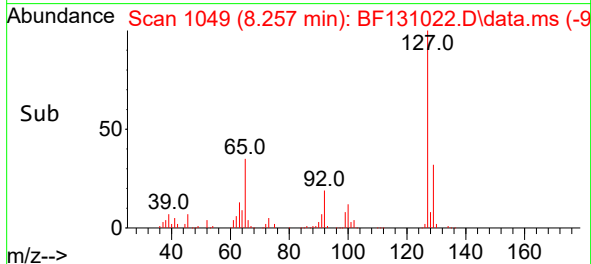
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:127 Resp: 16996
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 35.8 29.4 44.2
92 19.5 16.6 24.8

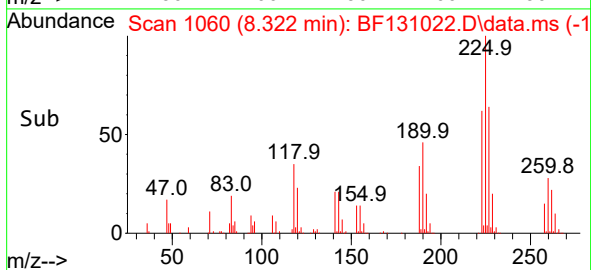
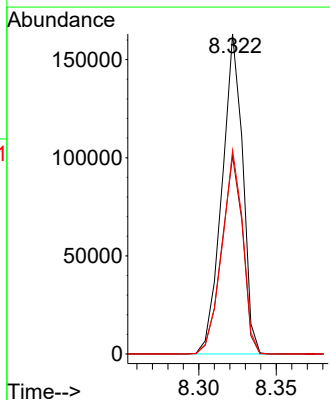
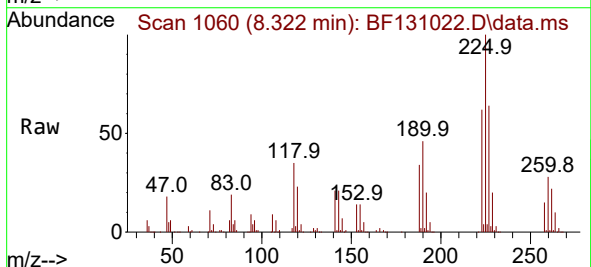
Manual Integrations
APPROVED

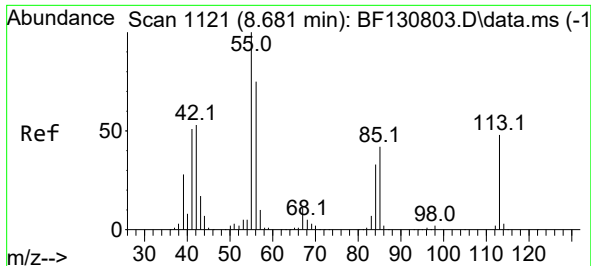
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#34
Hexachlorobutadiene
Concen: 43.219 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

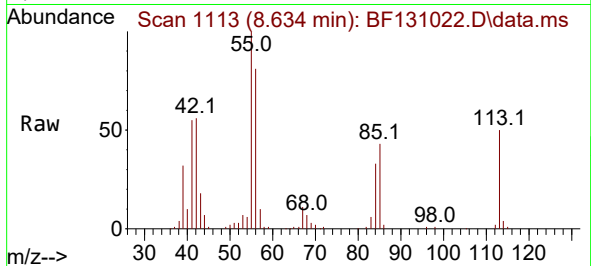
Tgt Ion:225 Resp: 151396
Ion Ratio Lower Upper
225 100
223 61.9 49.9 74.9
227 63.7 51.5 77.3





#35
Caprolactam
Concen: 37.185 ng m
RT: 8.634 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

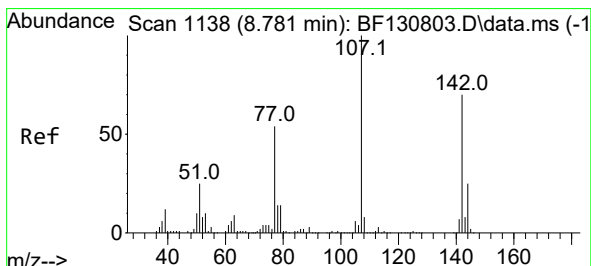
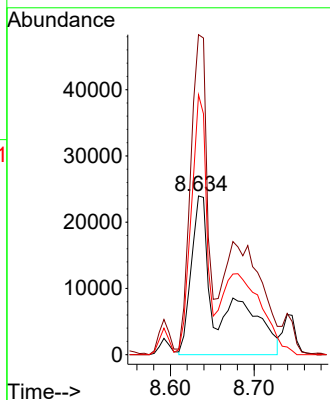
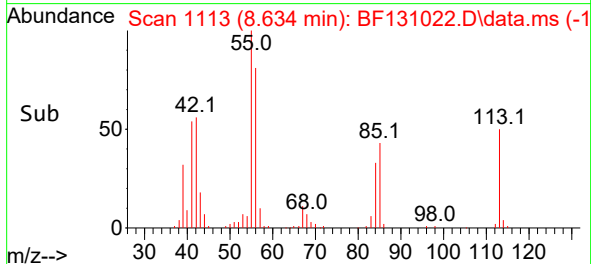
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:113 Resp: 58478
Ion Ratio Lower Upper
113 100
55 201.6 187.0 227.0
56 163.7 134.2 174.2

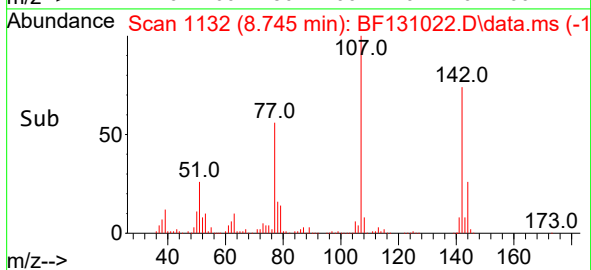
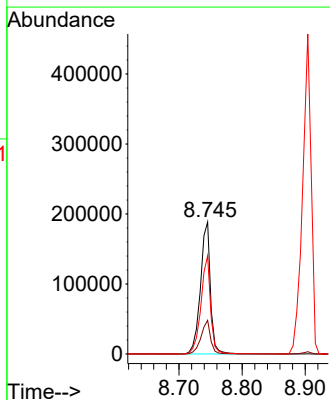
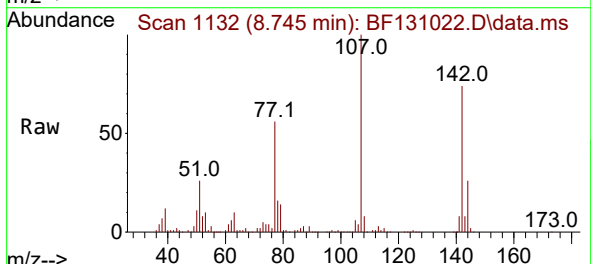
Manual Integrations
APPROVED

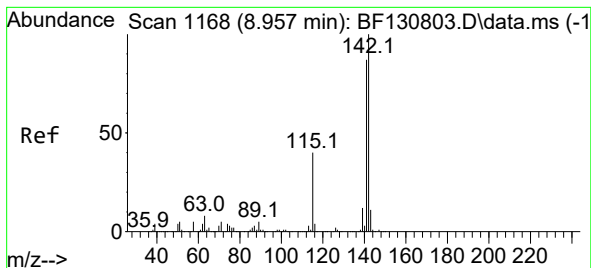
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#36
4-Chloro-3-methylphenol
Concen: 38.843 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:107 Resp: 206766
Ion Ratio Lower Upper
107 100
144 25.5 19.8 29.8
142 74.3 56.0 84.0





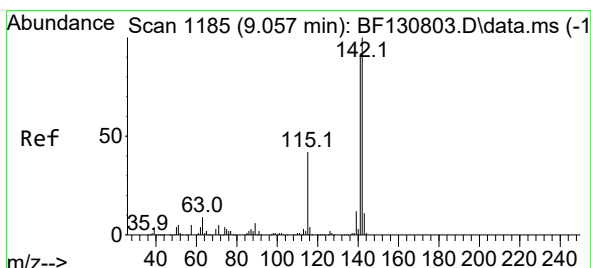
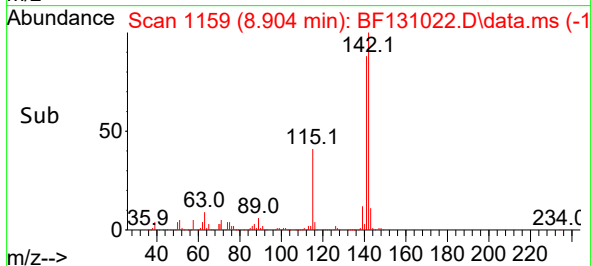
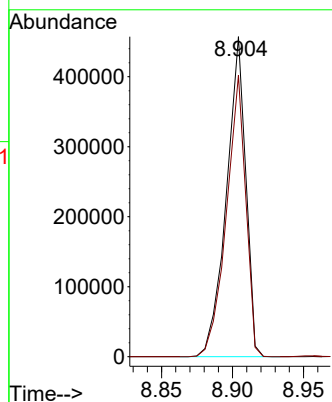
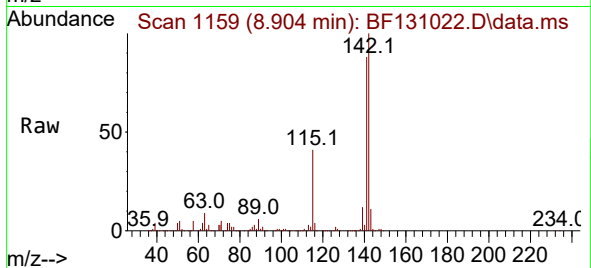
#37
2-Methylnaphthalene
Concen: 39.304 ng
RT: 8.904 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:142 Resp: 432335
Ion Ratio Lower Upper
142 100
141 88.0 69.9 104.9

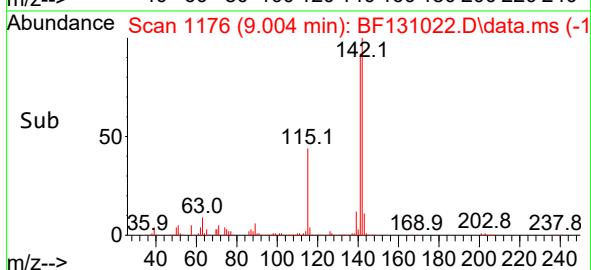
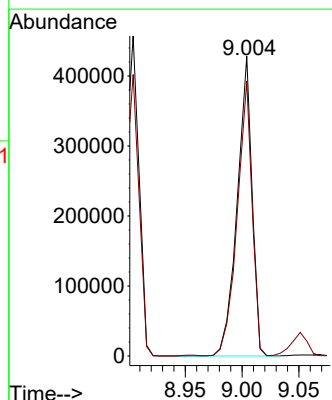
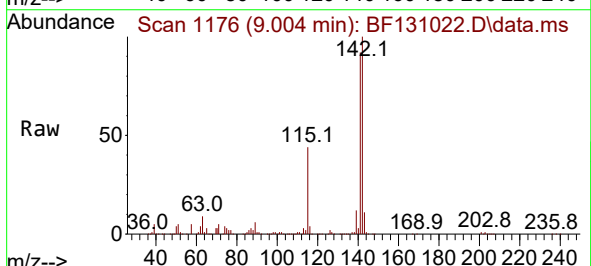
Manual Integrations
APPROVED

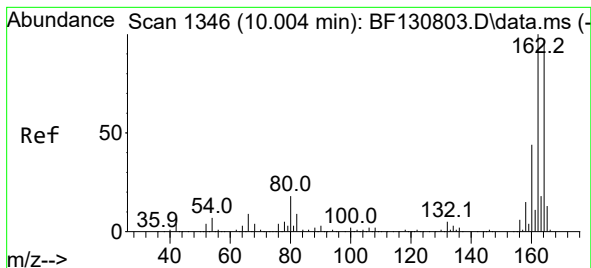
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#38
1-Methylnaphthalene
Concen: 36.467 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:142 Resp: 390380
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF131022.D

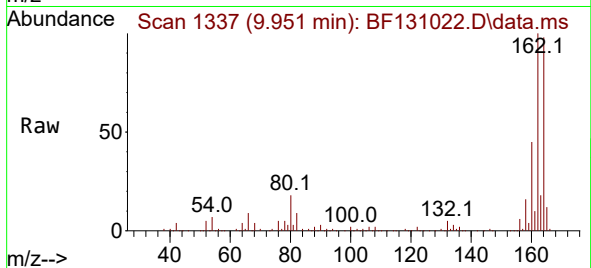
Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD



Tgt Ion:164 Resp: 159438

Ion Ratio Lower Upper

164 100

162 102.5 82.2 123.2

160 46.2 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Christian

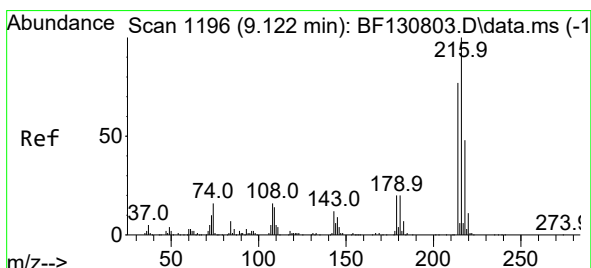
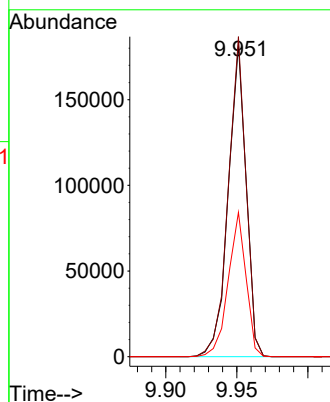
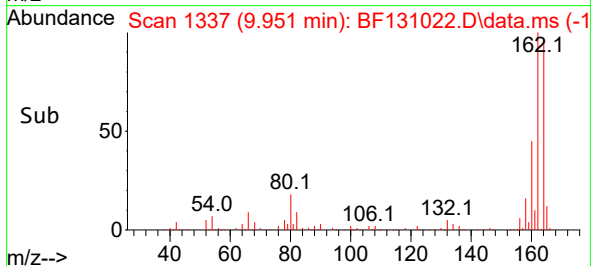
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.103 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Tgt Ion:216 Resp: 212972

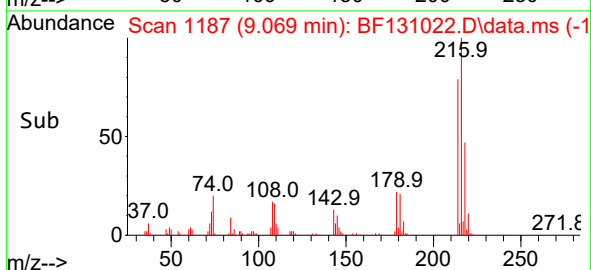
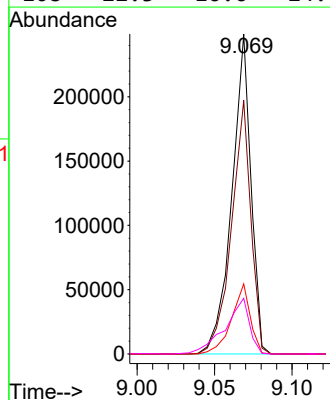
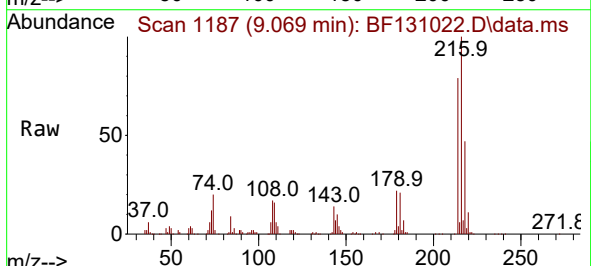
Ion Ratio Lower Upper

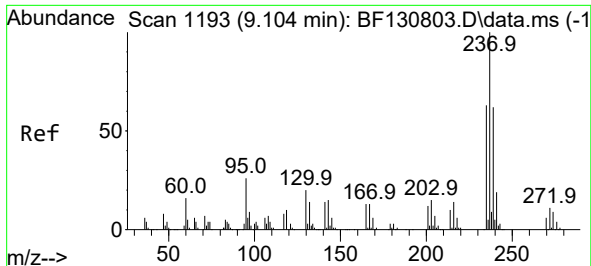
216 100

214 80.4 62.7 94.1

179 21.6 16.9 25.3

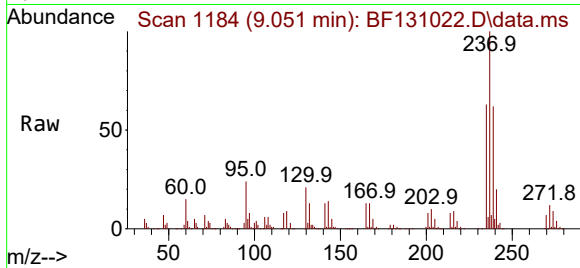
108 22.3 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 109.769 ng
RT: 9.051 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

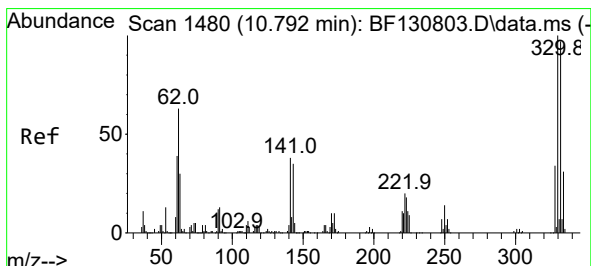
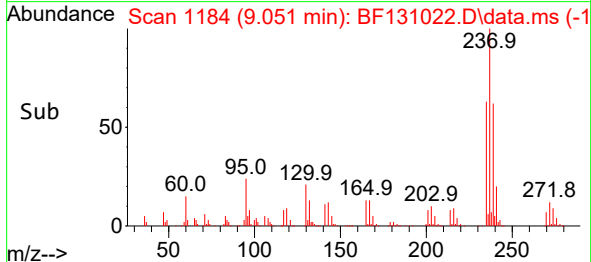
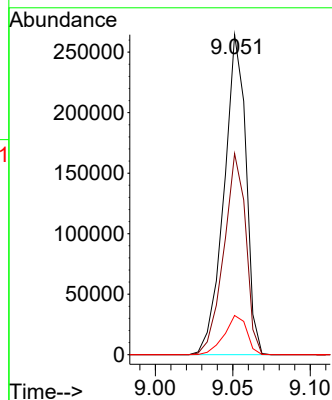
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:237 Resp: 260772
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 12.3 0.0 31.4

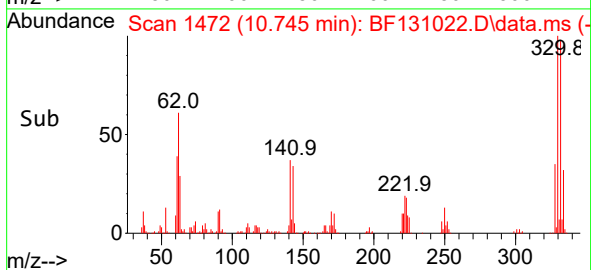
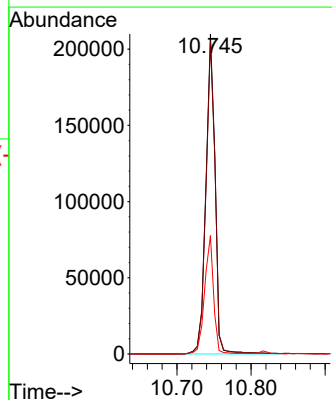
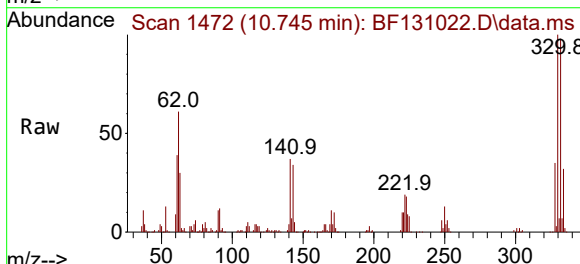
Manual Integrations
APPROVED

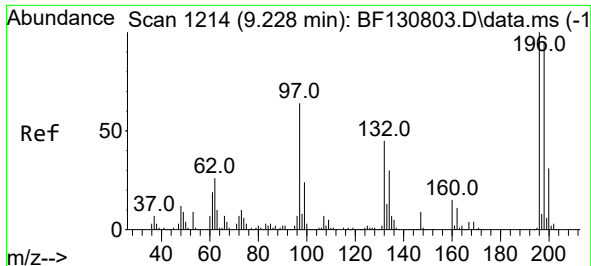
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#42
2,4,6-Tribromophenol
Concen: 136.072 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

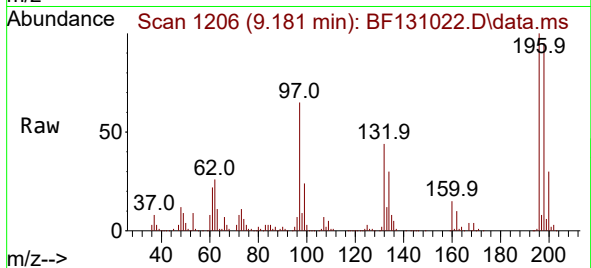
Tgt Ion:330 Resp: 182628
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 36.3 31.4 47.0





#43
2,4,6-Trichlorophenol
Concen: 45.513 ng
RT: 9.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

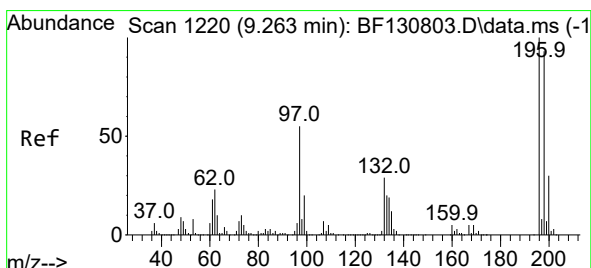
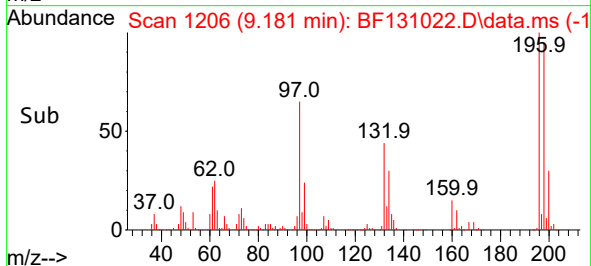
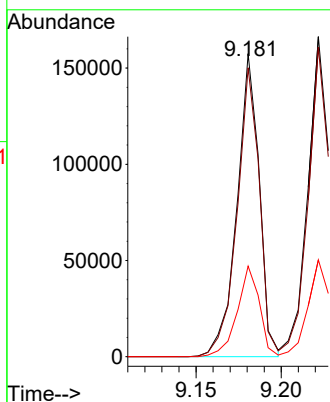
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:196 Resp: 142992
Ion Ratio Lower Upper
196 100
198 95.4 76.1 114.1
200 29.9 24.5 36.7

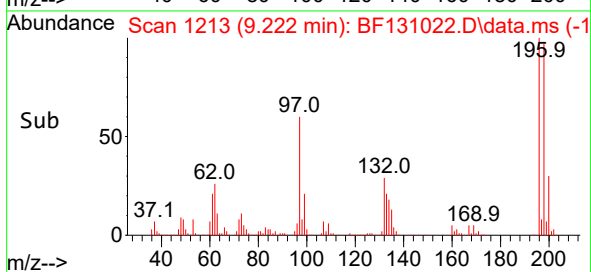
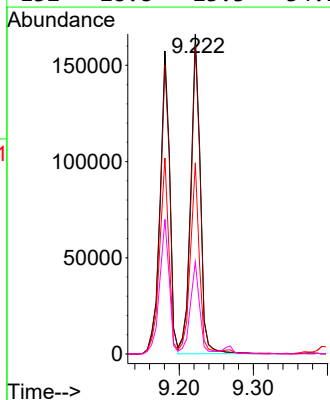
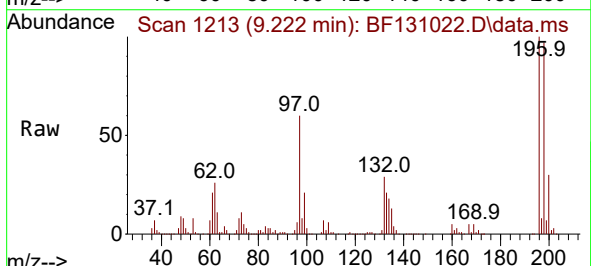
Manual Integrations
APPROVED

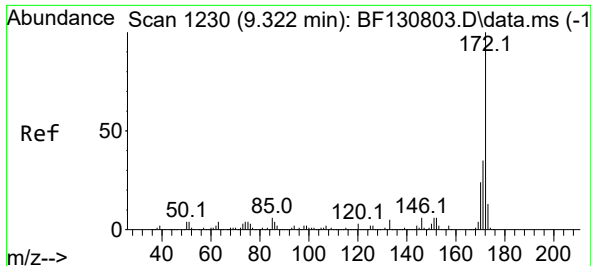
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrit
Upadhyay
11/07/2022



#44
2,4,5-Trichlorophenol
Concen: 44.811 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

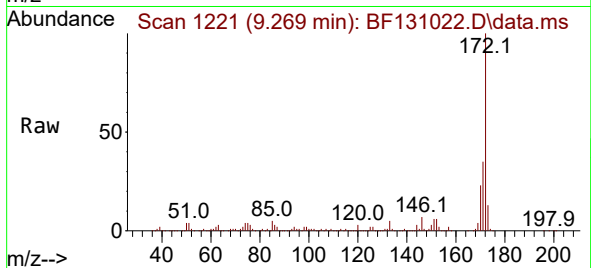
Tgt Ion:196 Resp: 150415
Ion Ratio Lower Upper
196 100
198 96.8 74.6 112.0
97 59.7 44.7 67.1
132 28.8 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 69.022 ng
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

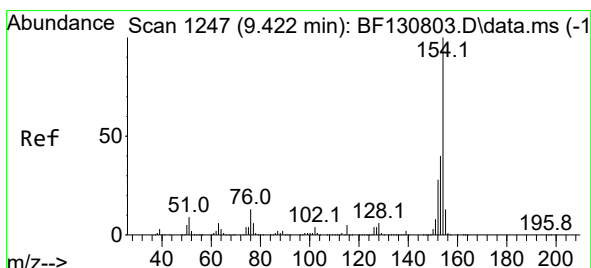
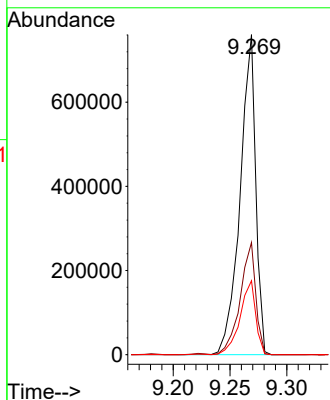
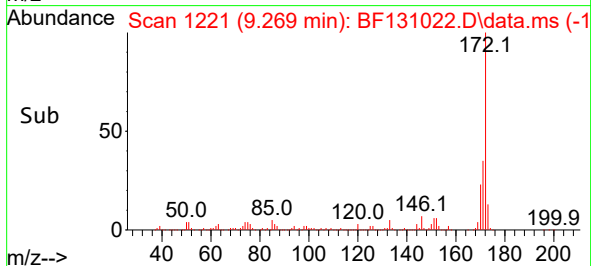
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



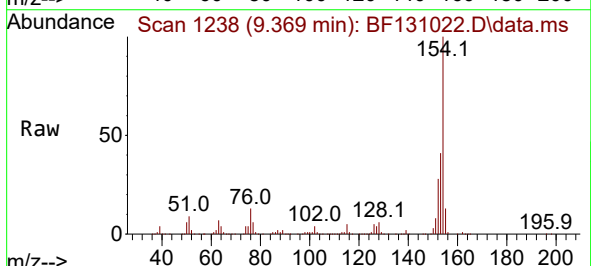
Tgt Ion:172 Resp: 72788
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.0 28.4

Manual Integrations
APPROVED

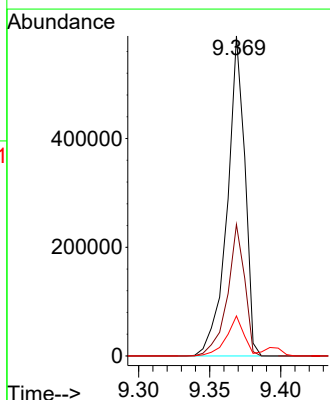
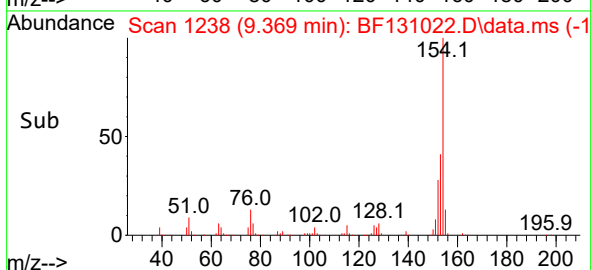
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

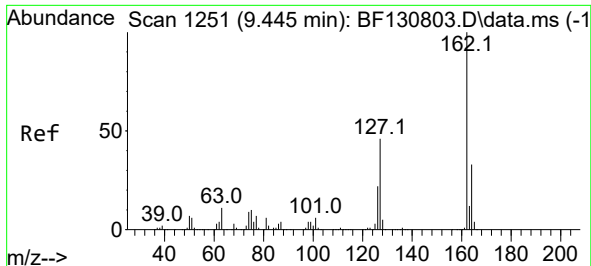


#46
1,1'-Biphenyl
Concen: 44.779 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



Tgt Ion:154 Resp: 508650
Ion Ratio Lower Upper
154 100
153 41.1 19.9 59.9
76 12.5 0.0 32.5





#47

2-Chloronaphthalene

Concen: 44.171 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:162 Resp: 40233

Ion Ratio Lower Upper

162 100

127 41.3 36.6 54.8

164 32.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian

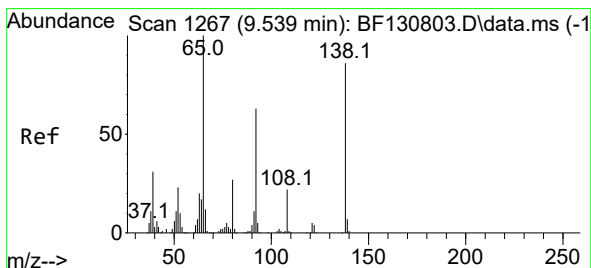
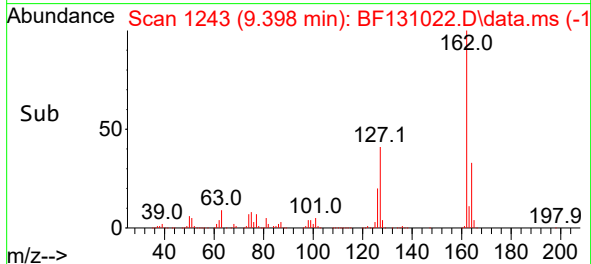
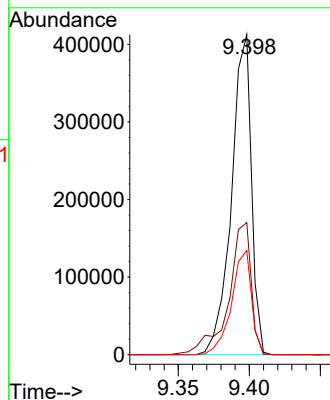
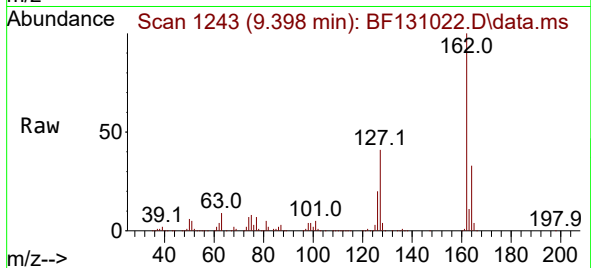
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#48

2-Nitroaniline

Concen: 49.524 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

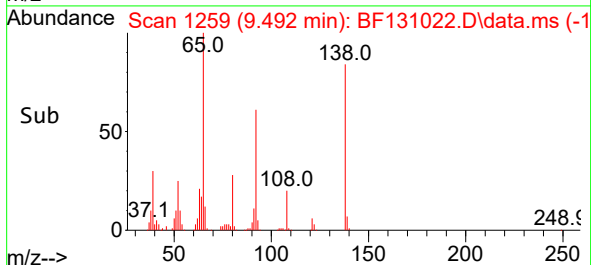
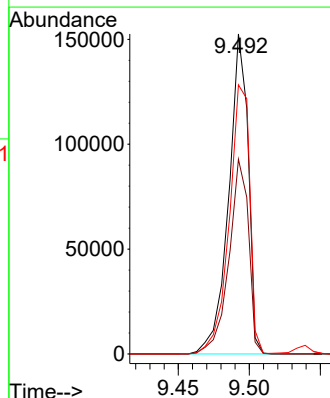
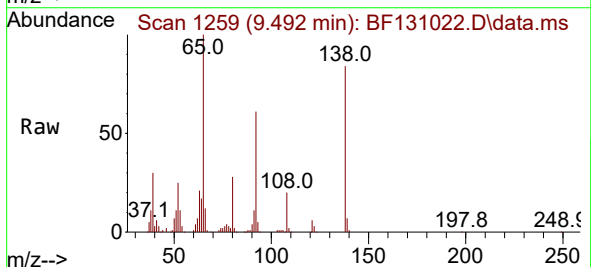
Tgt Ion: 65 Resp: 145471

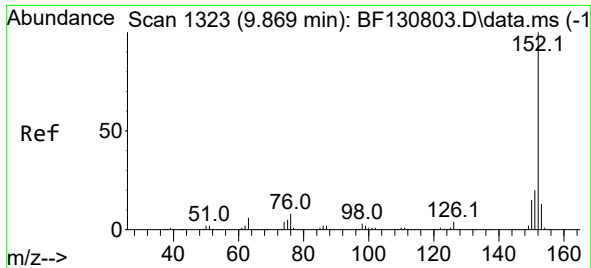
Ion Ratio Lower Upper

65 100

92 60.8 50.1 75.1

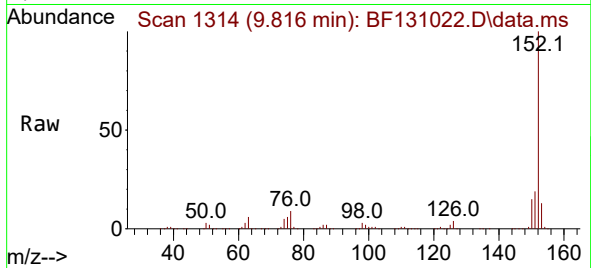
138 84.1 69.2 103.8





#49
Acenaphthylene
Concen: 42.377 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

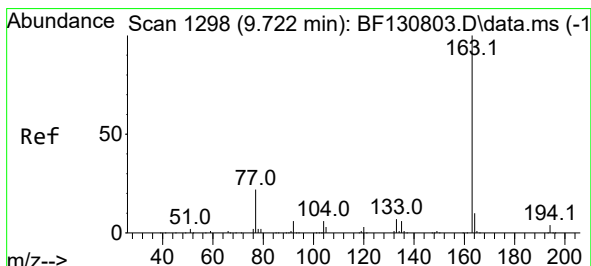
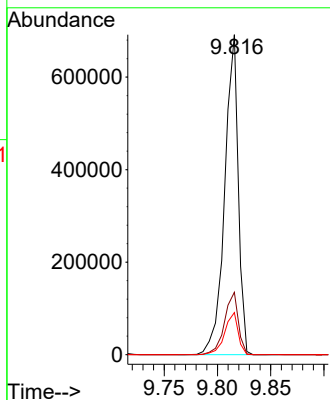
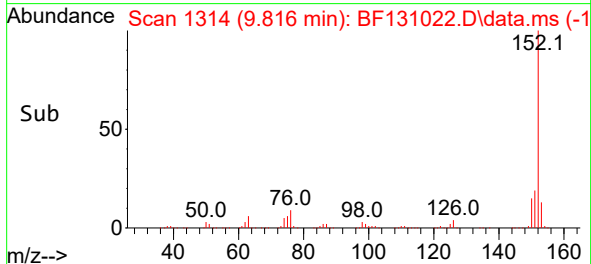
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



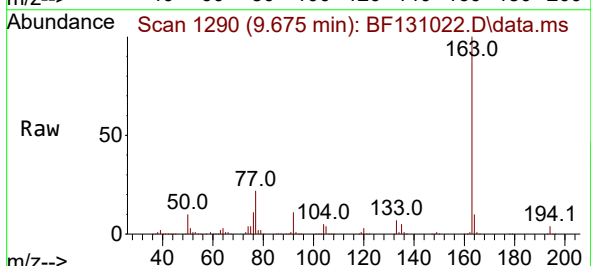
Tgt Ion:152 Resp: 609962
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 13.1 10.2 15.4

Manual Integrations
APPROVED

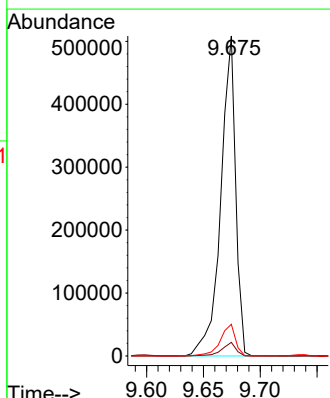
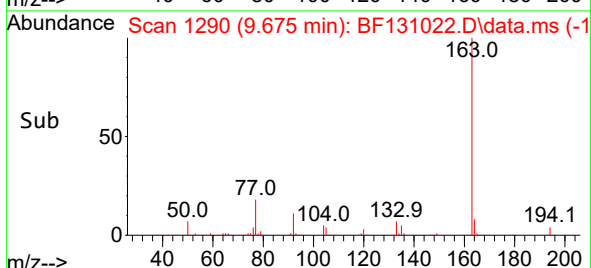
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

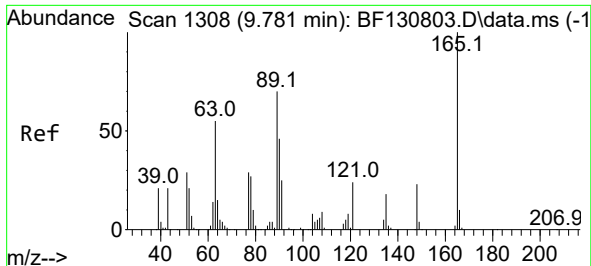


#50
Dimethylphthalate
Concen: 42.495 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



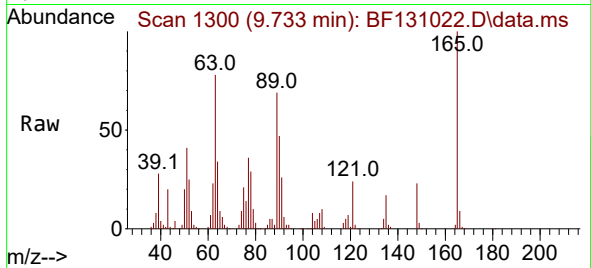
Tgt Ion:163 Resp: 465362
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 48.959 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

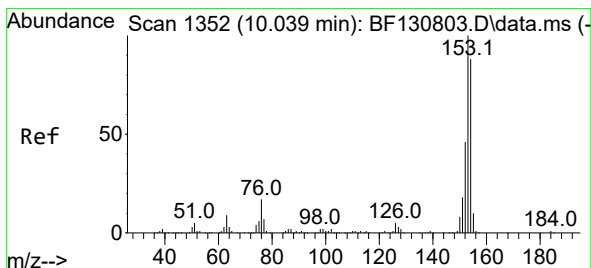
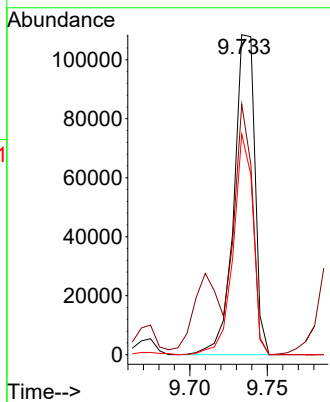
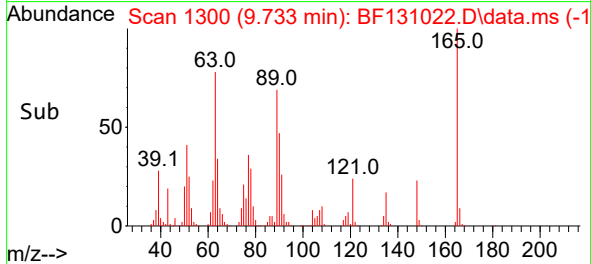
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:165 Resp: 10204
Ion Ratio Lower Upper
165 100
63 78.3 61.8 92.8
89 69.0 56.2 84.4

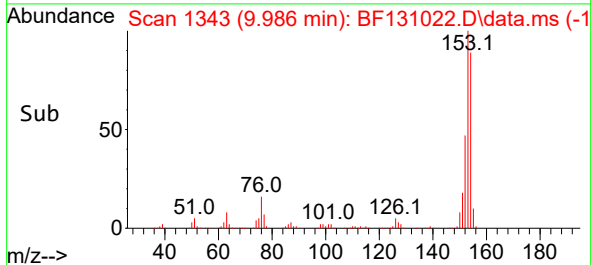
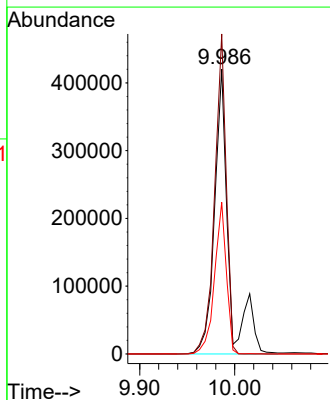
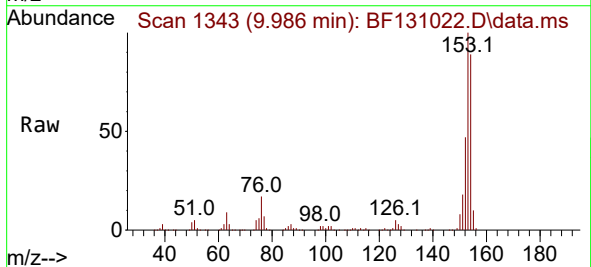
Manual Integrations
APPROVED

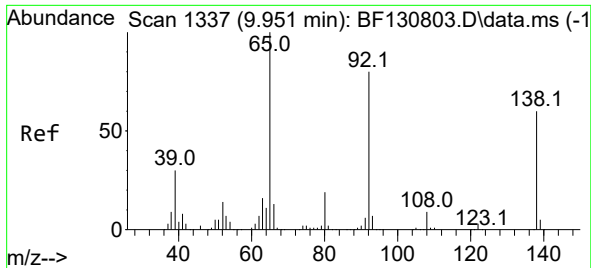
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#52
Acenaphthene
Concen: 49.334 ng m
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:154 Resp: 439089
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 53.2 42.0 63.0





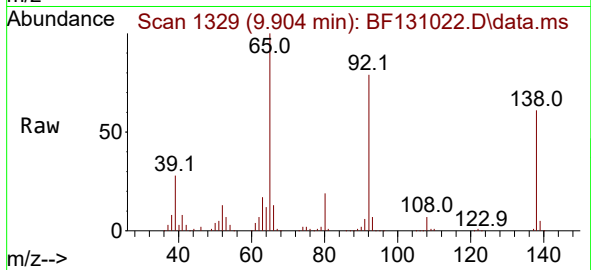
#53
3-Nitroaniline
Concen: 32.188 ng
RT: 9.904 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

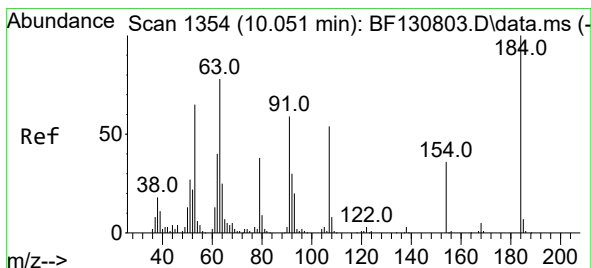
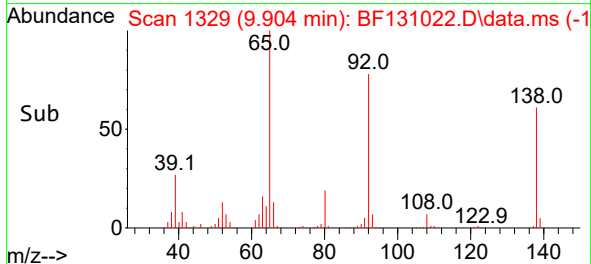
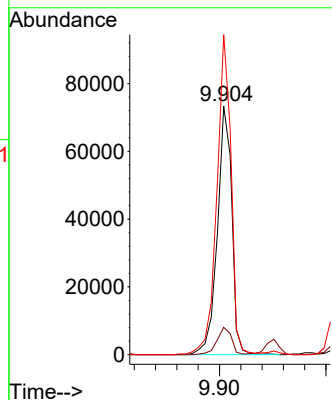


Tgt Ion:138 Resp: 68659
Ion Ratio Lower Upper
138 100
108 11.0 12.7 19.1
92 128.8 107.8 161.8

Manual Integrations
APPROVED

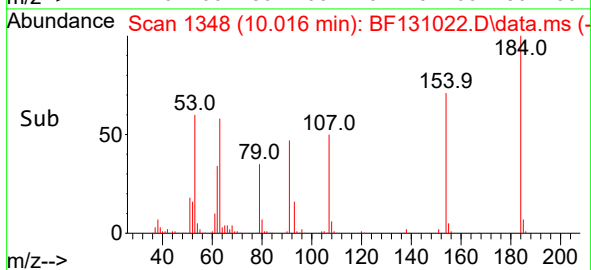
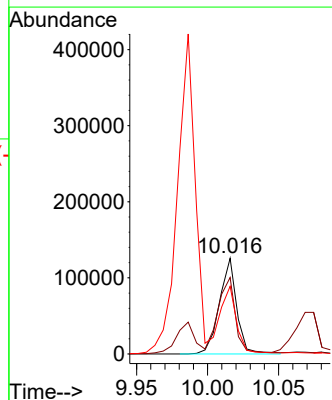
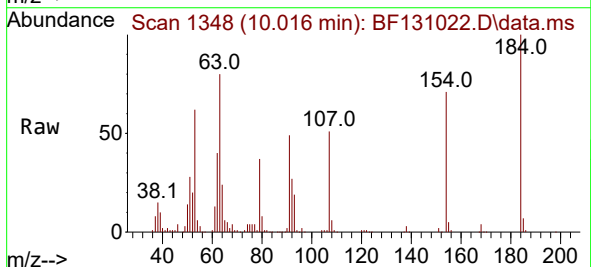
Reviewed By :Christian
Giraldo
11/07/2022

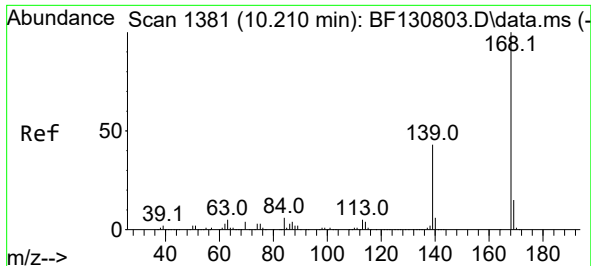
Supervised By :Jagrit
Upadhyay
11/07/2022



#54
2,4-Dinitrophenol
Concen: 97.337 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

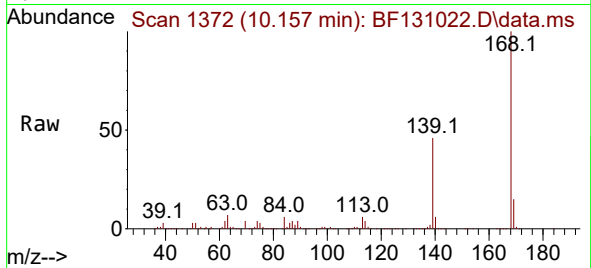
Tgt Ion:184 Resp: 107023
Ion Ratio Lower Upper
184 100
63 79.9 66.7 100.1
154 70.7 62.2 93.2





#55
Dibenzenofuran
Concen: 41.937 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

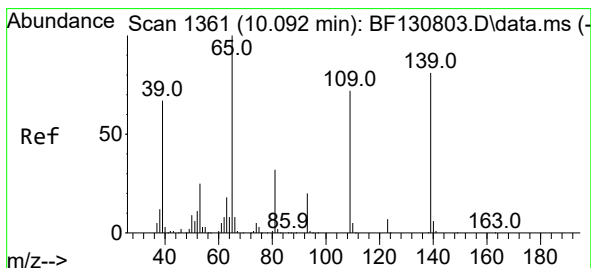
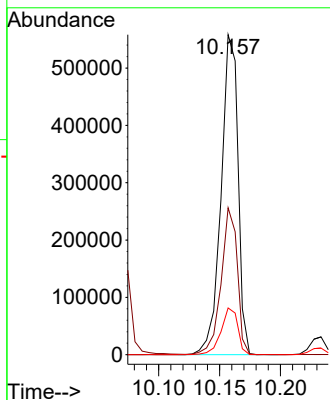
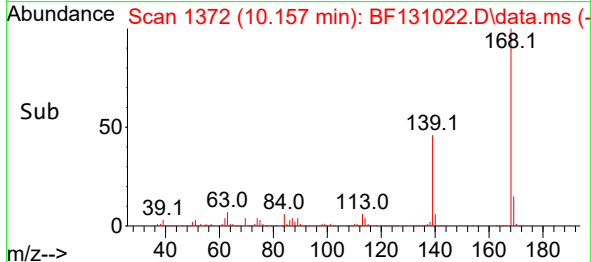
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



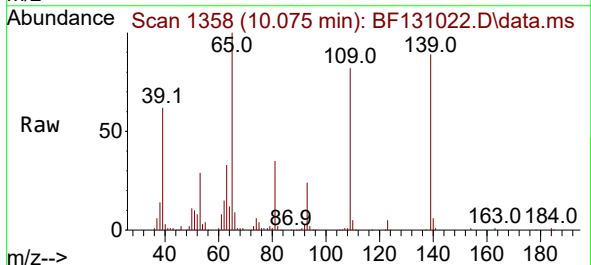
Tgt Ion:168 Resp: 541020
Ion Ratio Lower Upper
168 100
139 45.9 34.3 51.5
169 14.6 11.9 17.9

Manual Integrations
APPROVED

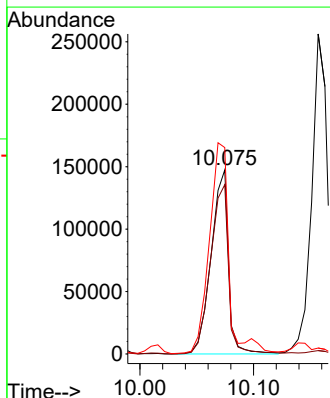
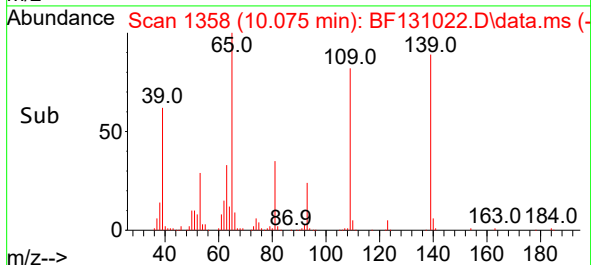
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

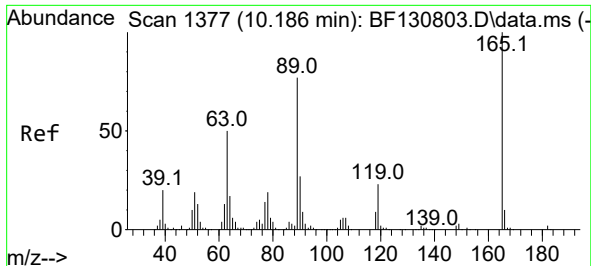


#56
4-Nitrophenol
Concen: 92.991 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



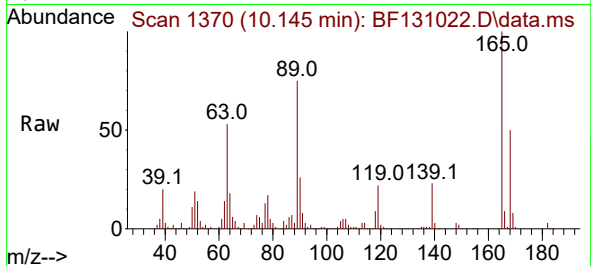
Tgt Ion:139 Resp: 157055
Ion Ratio Lower Upper
139 100
109 92.0 69.3 109.3
65 112.2 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 53.126 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

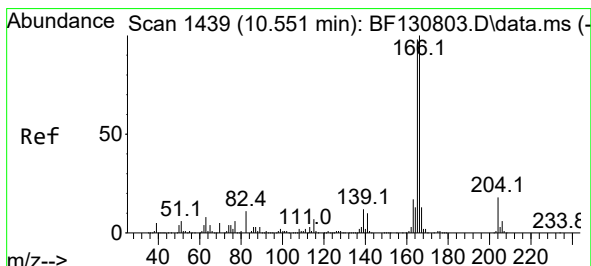
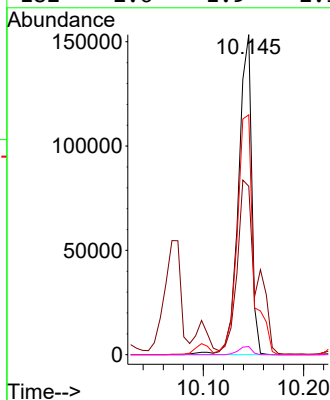
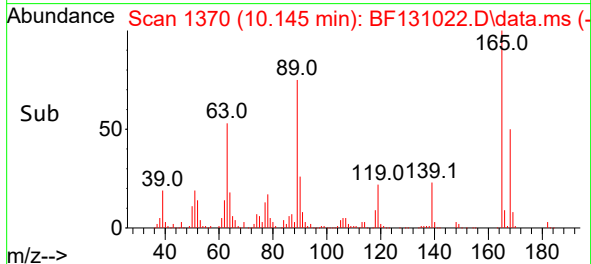
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:165 Resp: 140075
Ion Ratio Lower Upper
165 100
63 52.7 39.8 59.6
89 75.0 61.9 92.9
182 2.6 1.9 2.9

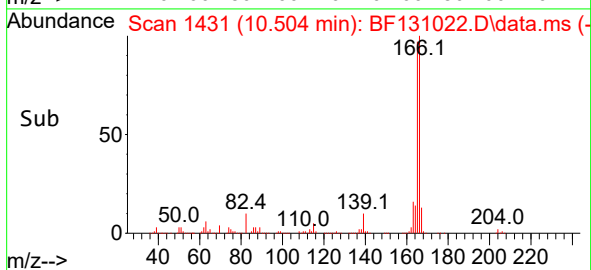
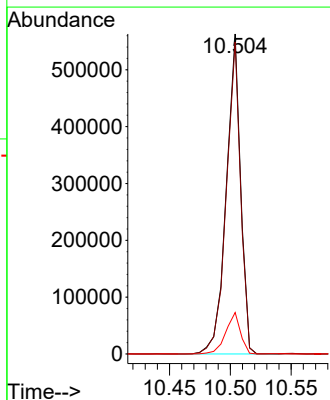
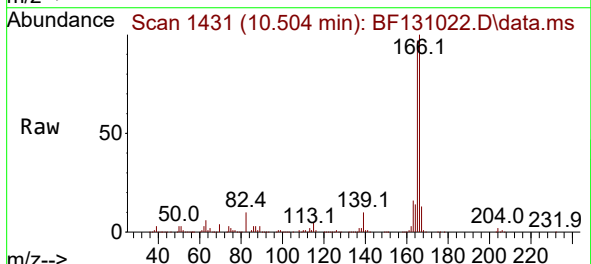
Manual Integrations
APPROVED

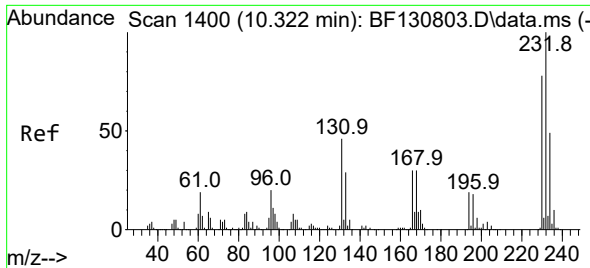
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#58
Fluorene
Concen: 45.526 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

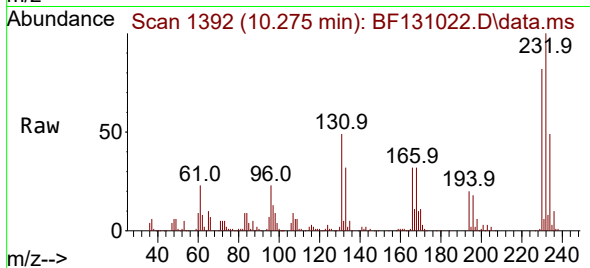
Tgt Ion:166 Resp: 462466
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.772 ng
RT: 10.275 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

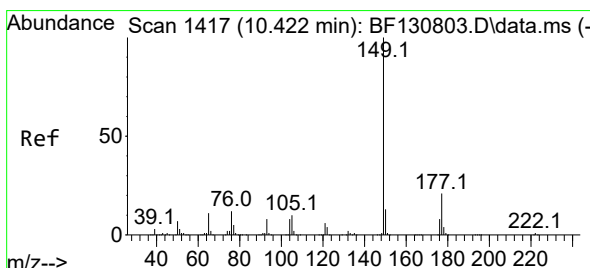
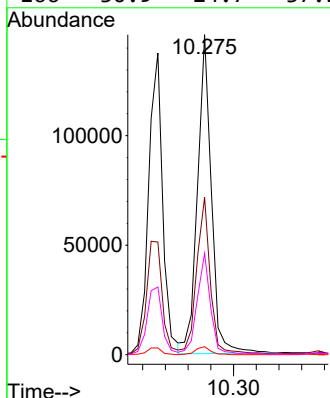
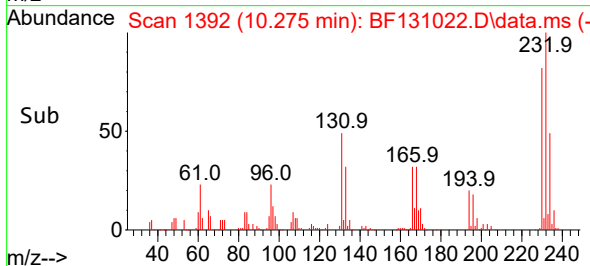
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



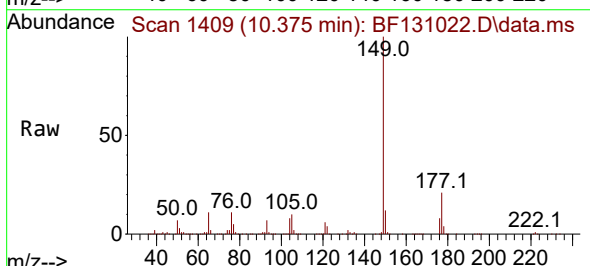
Tgt Ion:232 Resp: 123902
Ion Ratio Lower Upper
232 100
131 48.4 39.6 59.4
130 2.7 2.1 3.1
166 30.9 24.7 37.1

Manual Integrations
APPROVED

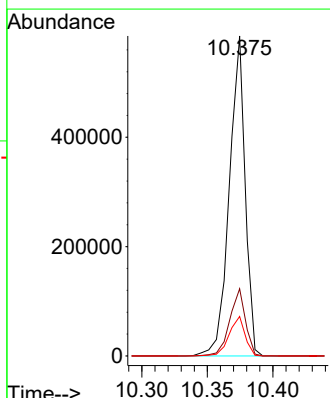
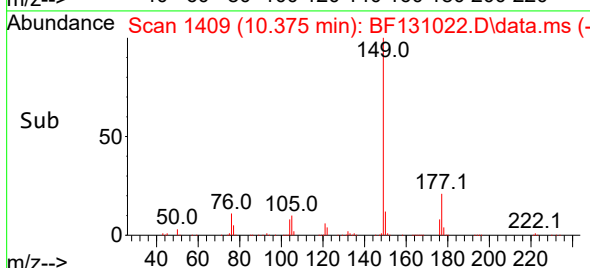
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

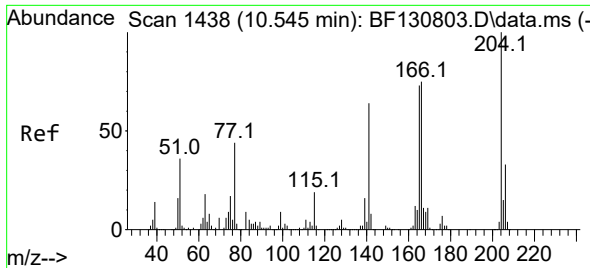


#60
Diethylphthalate
Concen: 45.703 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



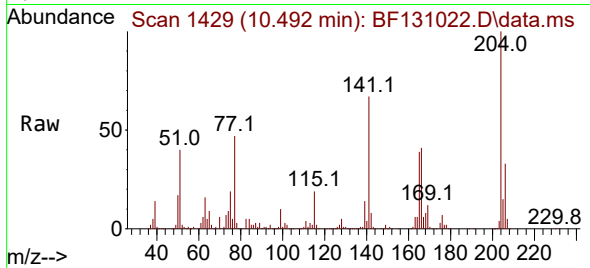
Tgt Ion:149 Resp: 492225
Ion Ratio Lower Upper
149 100
177 21.0 17.2 25.8
150 12.4 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 47.356 ng
RT: 10.492 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

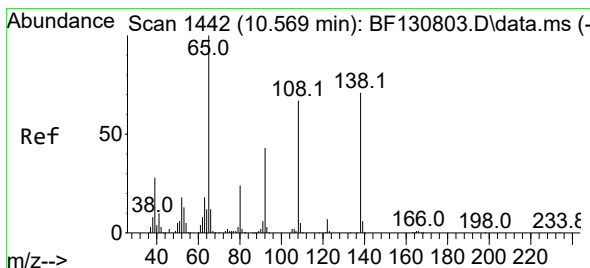
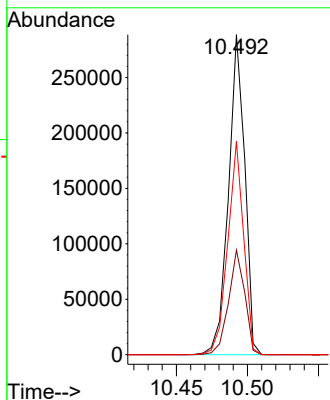
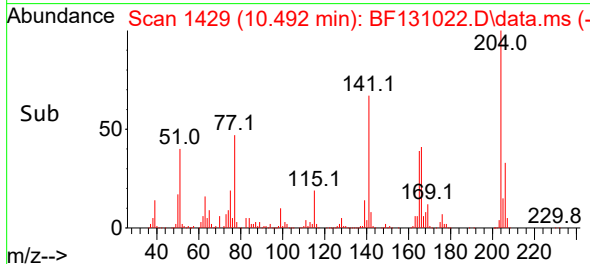
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:204 Resp: 23013
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 66.7 51.3 76.9

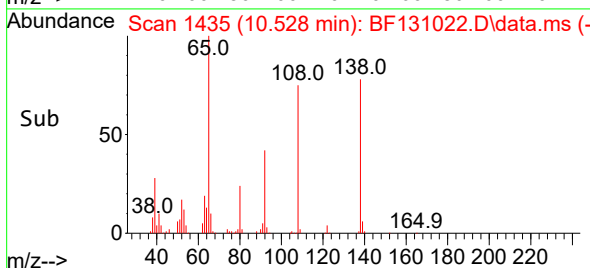
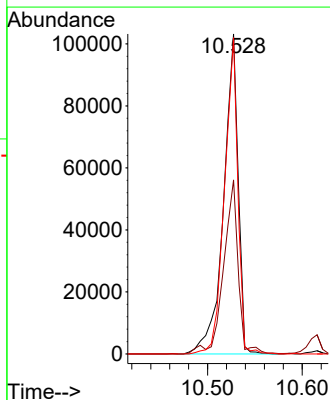
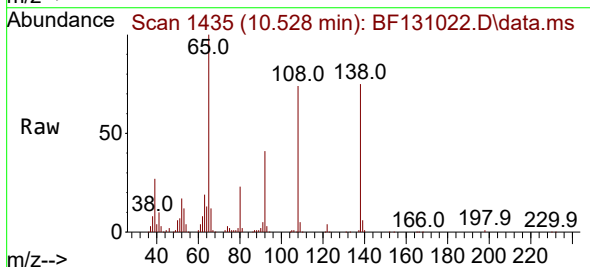
Manual Integrations
APPROVED

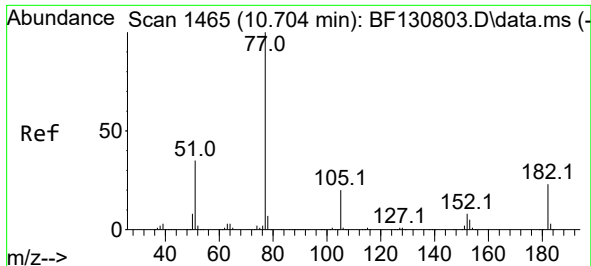
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#62
4-Nitroaniline
Concen: 51.155 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

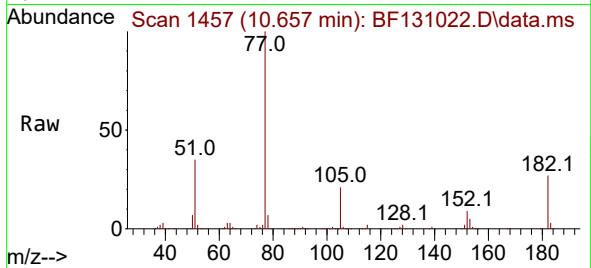
Tgt Ion:138 Resp: 110490
Ion Ratio Lower Upper
138 100
92 54.4 40.6 80.6
108 98.9 74.7 114.7





#63
Azobenzene
Concen: 44.889 ng
RT: 10.657 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

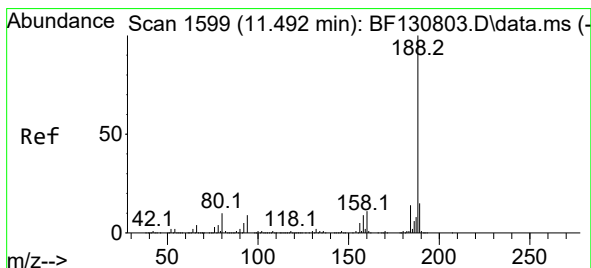
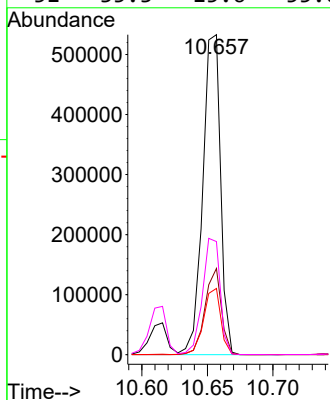
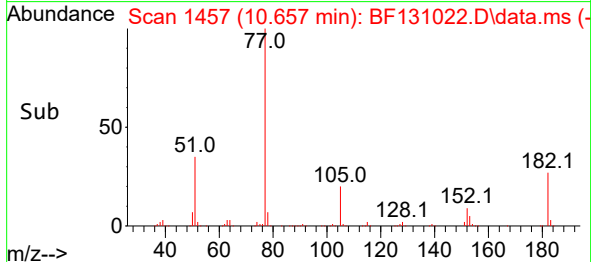
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



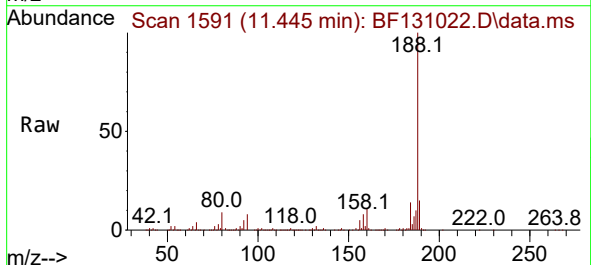
Tgt Ion: 77 Resp: 504670
Ion Ratio Lower Upper
77 100
182 26.9 2.6 42.6
105 20.7 0.0 40.0
51 35.3 15.6 55.6

Manual Integrations
APPROVED

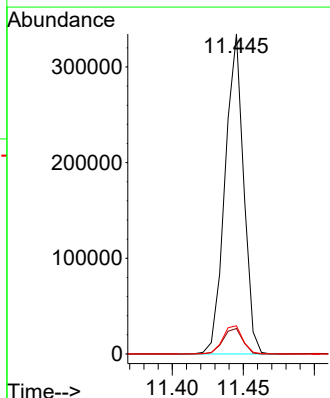
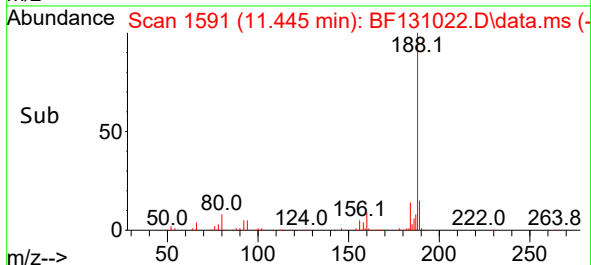
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

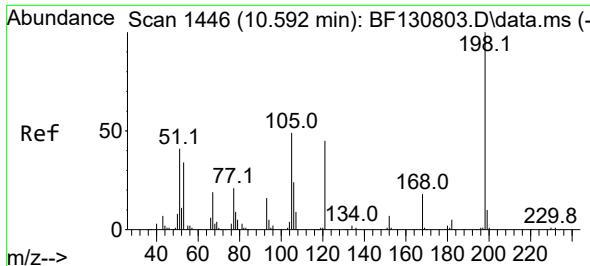


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



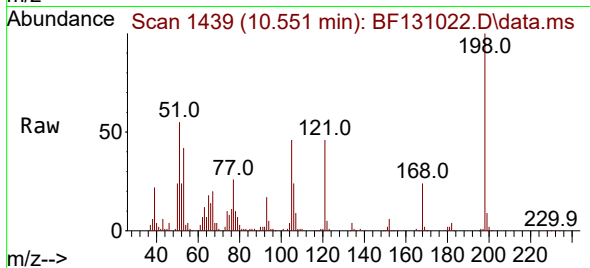
Tgt Ion:188 Resp: 304184
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 59.202 ng
RT: 10.551 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

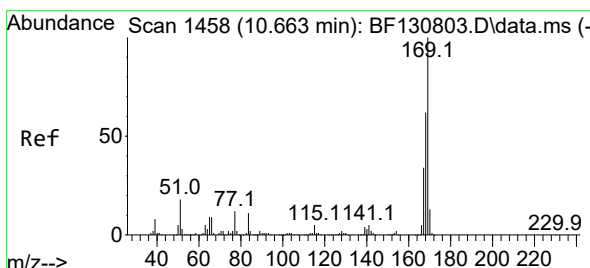
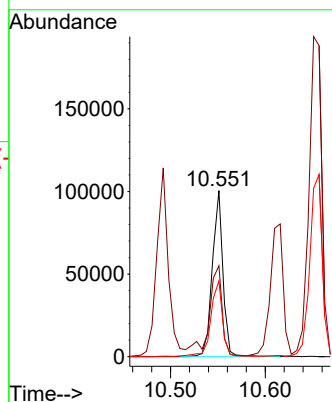
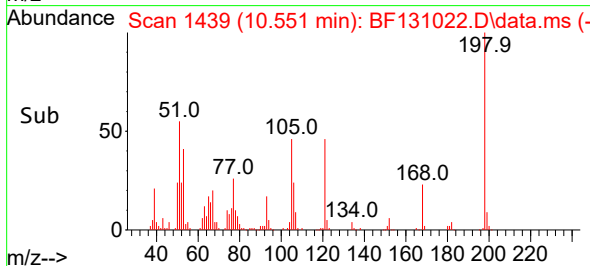
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



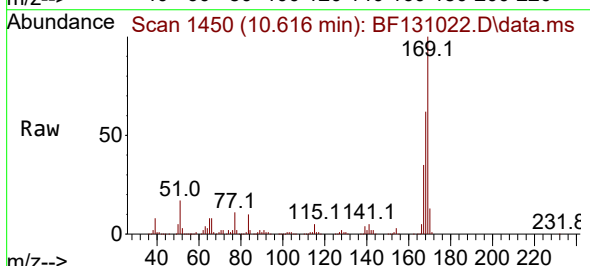
Tgt Ion:198 Resp: 78079
Ion Ratio Lower Upper
198 100
51 54.7 39.0 79.0
105 45.7 30.6 70.6

Manual Integrations
APPROVED

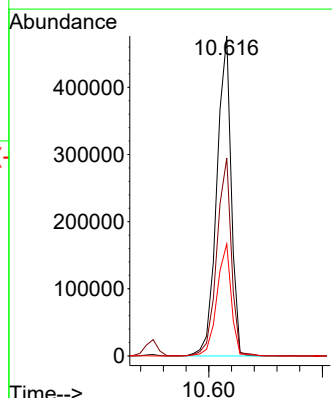
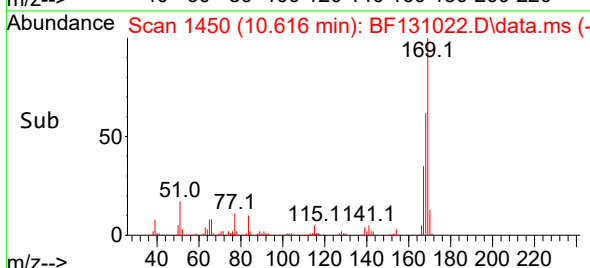
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

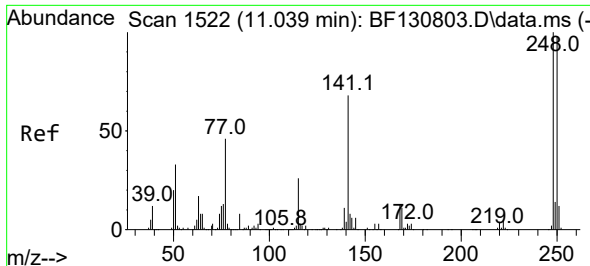


#66
n-Nitrosodiphenylamine
Concen: 44.125 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



Tgt Ion:169 Resp: 418659
Ion Ratio Lower Upper
169 100
168 61.9 49.4 74.0
167 35.0 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 47.189 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

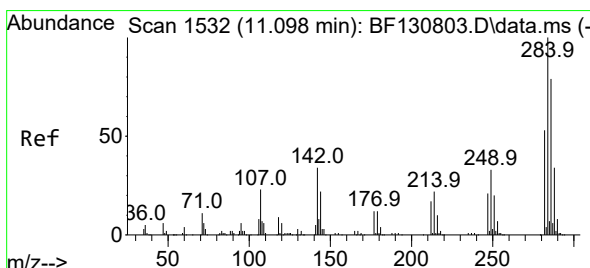
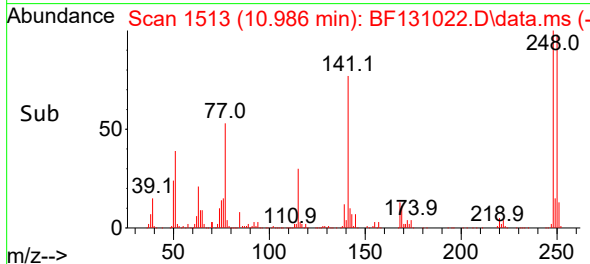
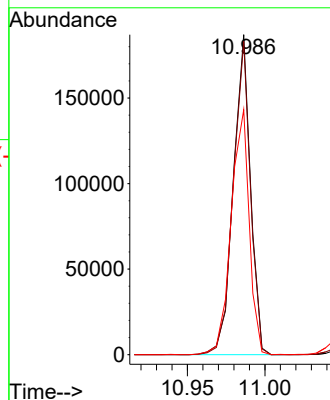
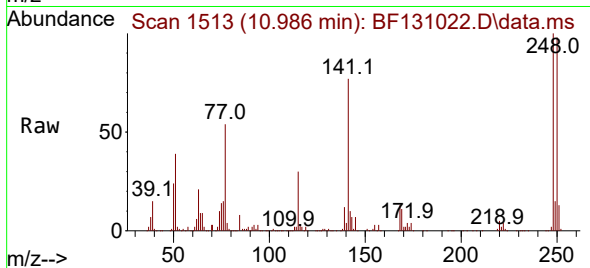
SB-2MSD

Tgt Ion:248 Resp: 14435
Ion Ratio Lower Upper
248 100
250 97.9 78.6 117.8
141 76.6 54.2 81.4

Manual Integrations
APPROVED

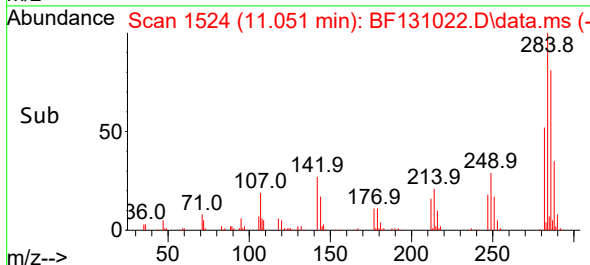
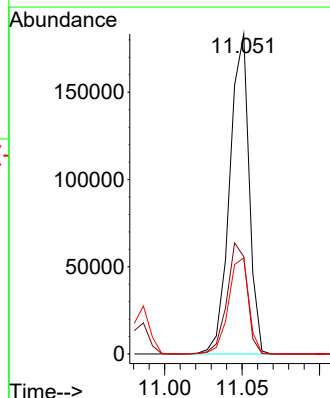
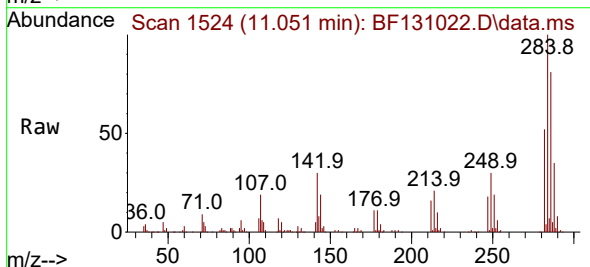
Reviewed By :Christian
Giraldo
11/07/2022

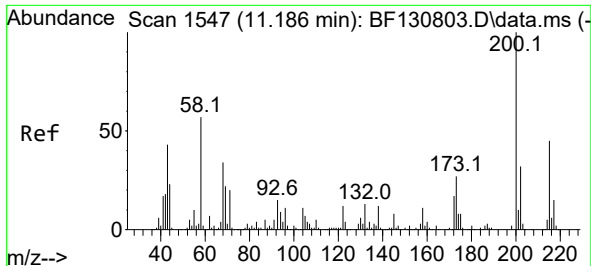
Supervised By :Jagrut
Upadhyay
11/07/2022



#68
Hexachlorobenzene
Concen: 47.378 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:284 Resp: 159684
Ion Ratio Lower Upper
284 100
142 30.5 27.1 40.7
249 30.0 26.6 39.8





#69

Atrazine

Concen: 50.613 ng

RT: 11.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:200 Resp: 13868

Ion Ratio Lower Upper

200 100

173 22.9 7.1 47.1

215 49.3 25.4 65.4

Manual Integrations

APPROVED

Reviewed By :Christian

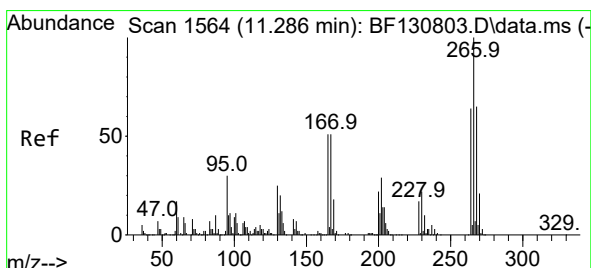
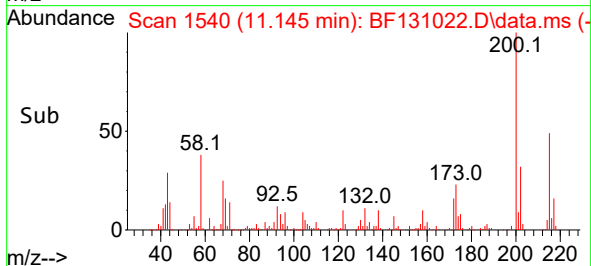
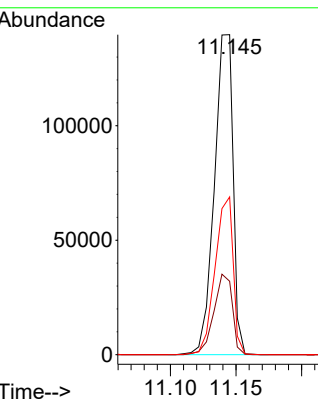
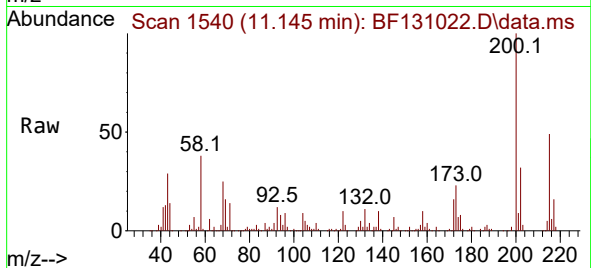
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#70

Pentachlorophenol

Concen: 78.949 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

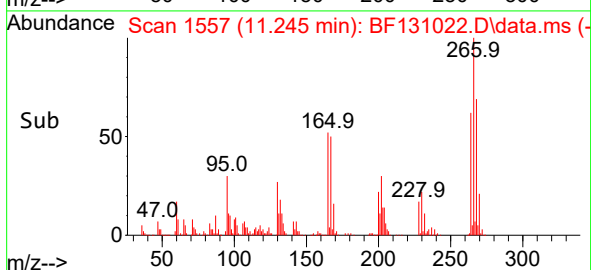
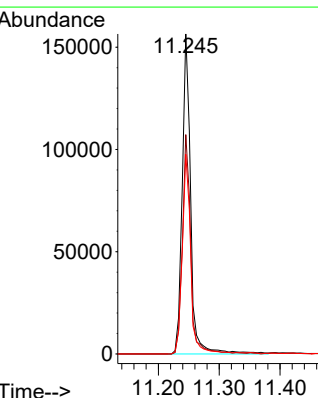
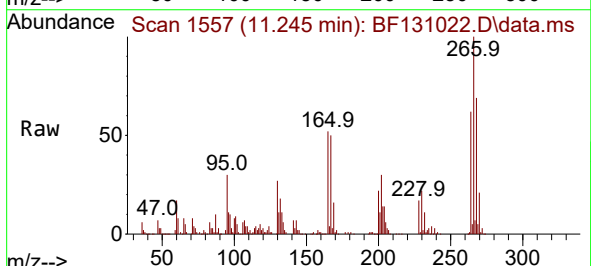
Tgt Ion:266 Resp: 151840

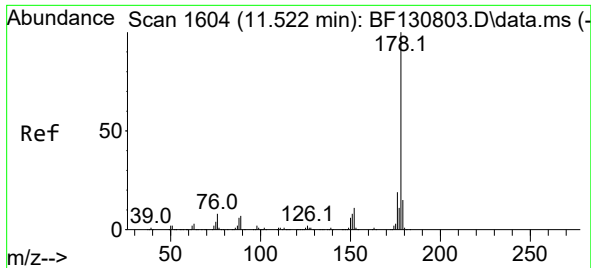
Ion Ratio Lower Upper

266 100

268 68.5 51.8 77.6

264 62.4 51.6 77.4





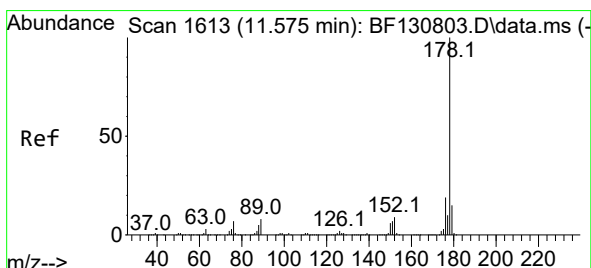
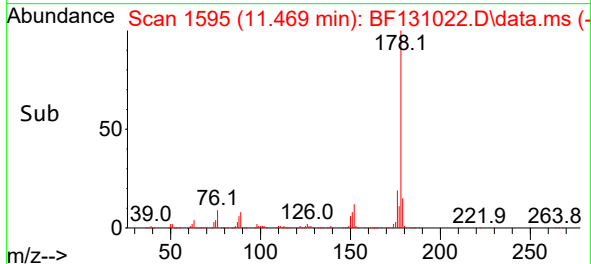
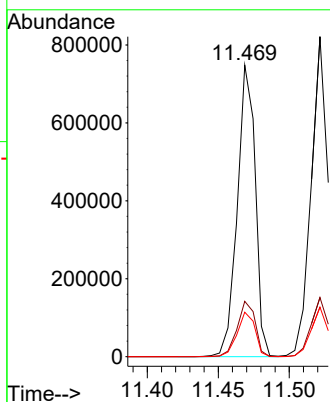
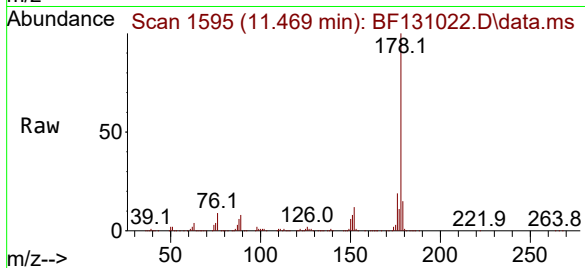
#71
Phenanthrene
Concen: 41.994 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:178 Resp: 659298
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.3 12.2 18.2

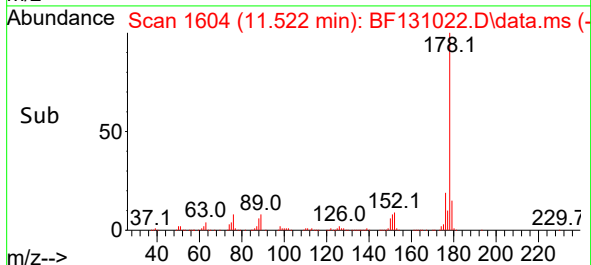
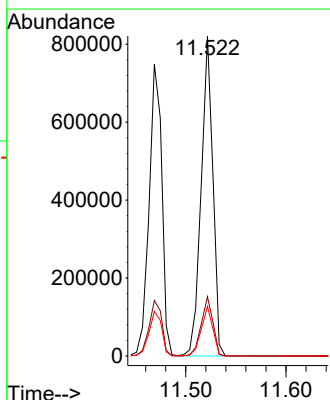
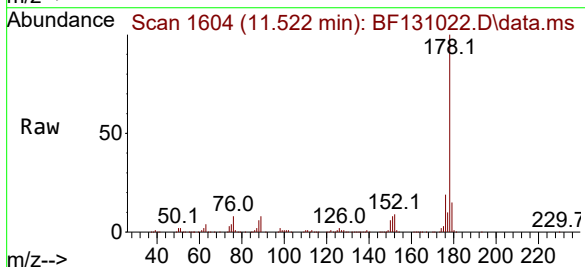
Manual Integrations
APPROVED

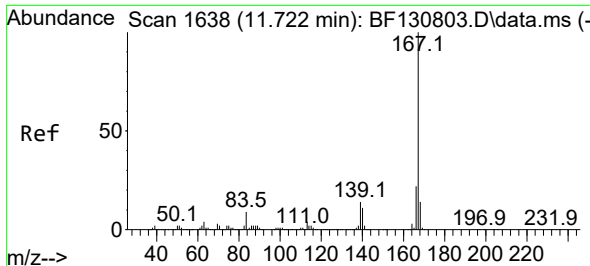
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#72
Anthracene
Concen: 43.249 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

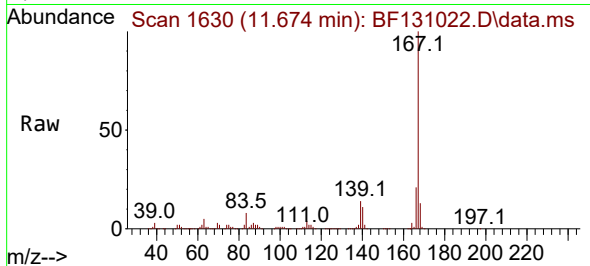
Tgt Ion:178 Resp: 669724
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 41.676 ng
 RT: 11.674 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BF131022.D
 Acq: 05 Nov 2022 16:31

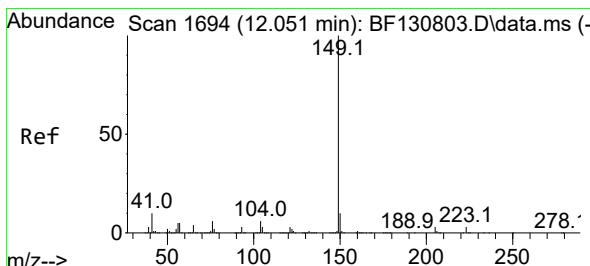
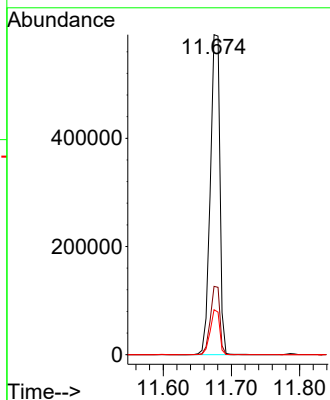
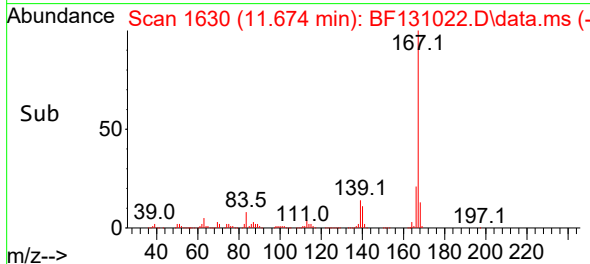
Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD



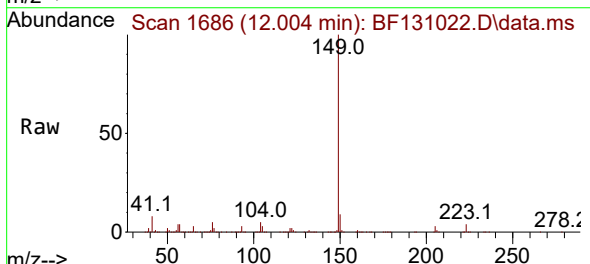
Tgt Ion:167 Resp: 577948
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 14.0 11.3 16.9

Manual Integrations
 APPROVED

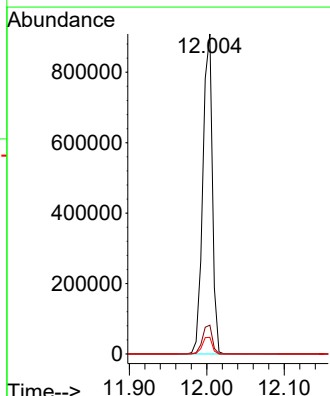
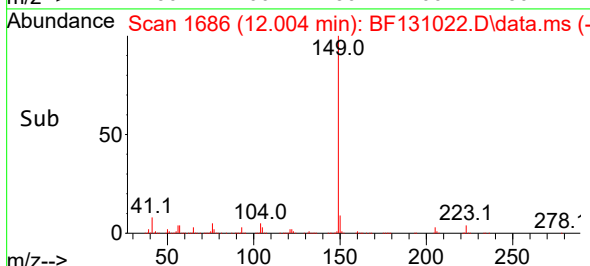
Reviewed By :Christian
 Giraldo
 11/07/2022
 Supervised By :Jagrut
 Upadhyay
 11/07/2022

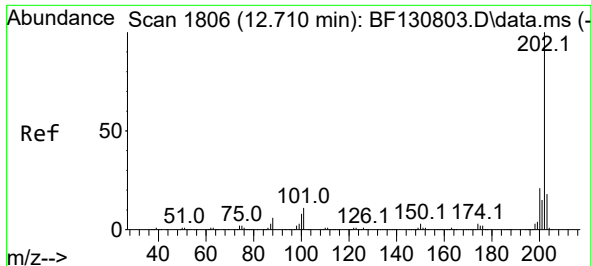


#74
 Di-n-butylphthalate
 Concen: 45.938 ng
 RT: 12.004 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: BF131022.D
 Acq: 05 Nov 2022 16:31



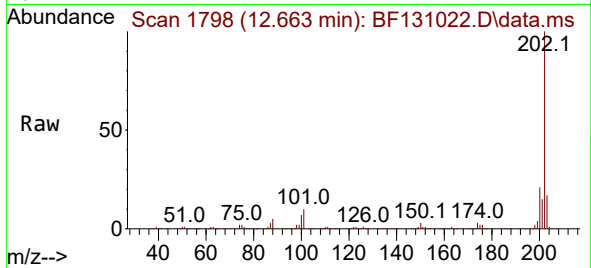
Tgt Ion:149 Resp: 773696
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 5.2 4.6 6.8





#75
Fluoranthene
Concen: 40.173 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

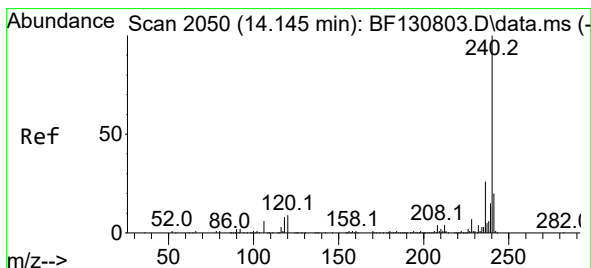
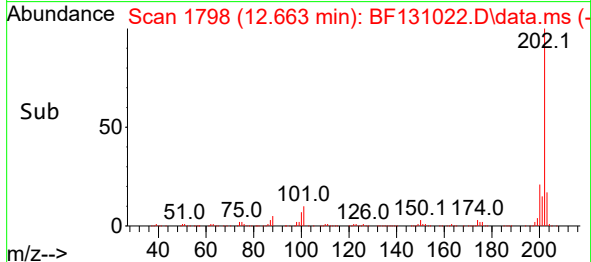
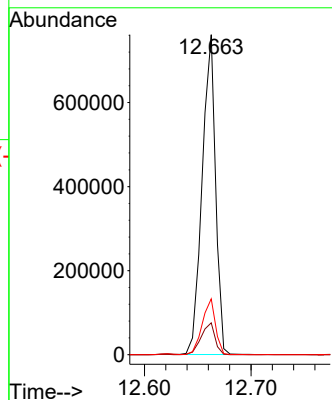
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:202 Resp: 670135
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.9
203 17.4 0.0 37.7

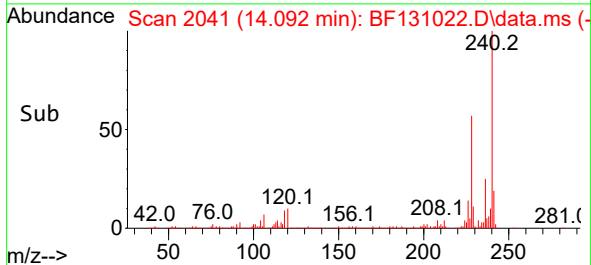
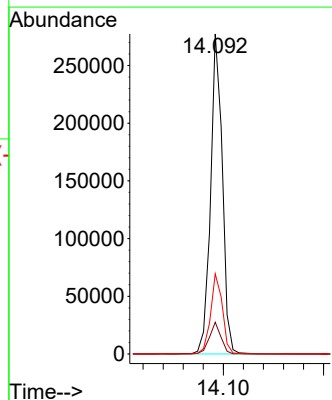
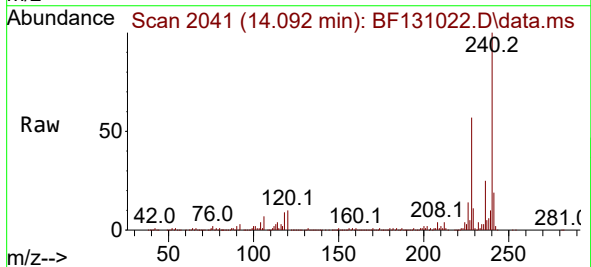
Manual Integrations
APPROVED

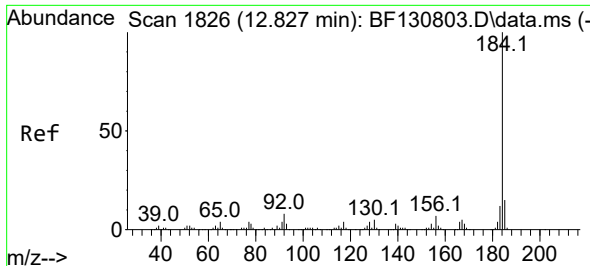
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

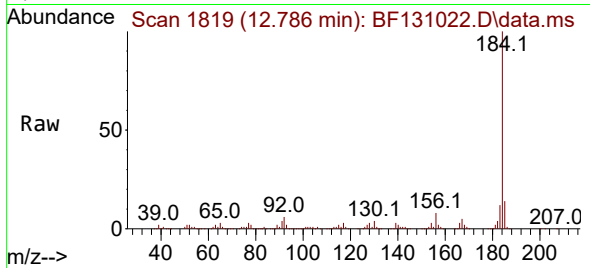
Tgt Ion:240 Resp: 226290
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.4
236 25.0 20.5 30.7





#77
Benzidine
Concen: 52.575 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

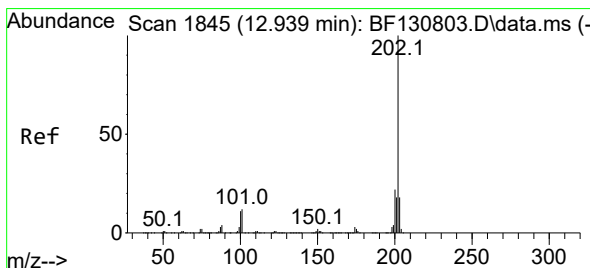
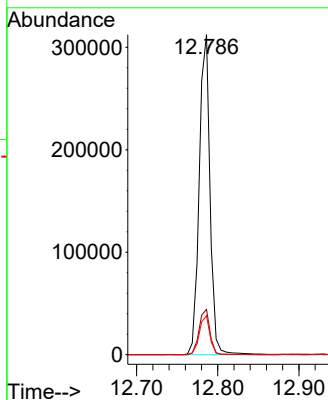
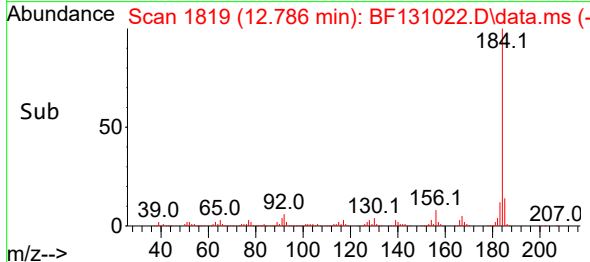
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:184 Resp: 288809
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.8
183 12.2 9.7 14.5

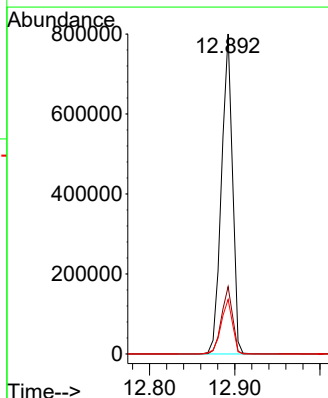
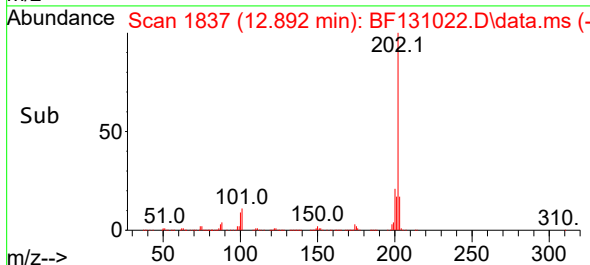
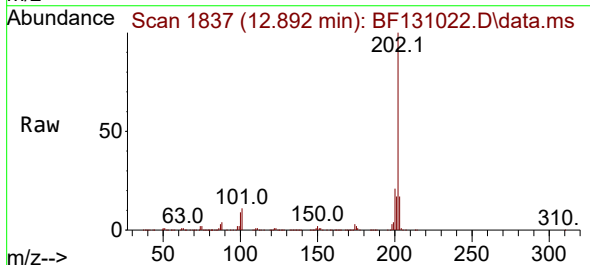
Manual Integrations
APPROVED

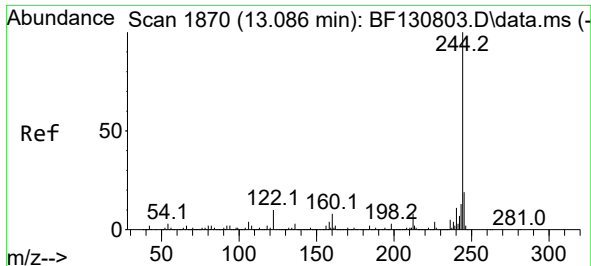
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#78
Pyrene
Concen: 37.635 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:202 Resp: 718519
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.1 14.5 21.7





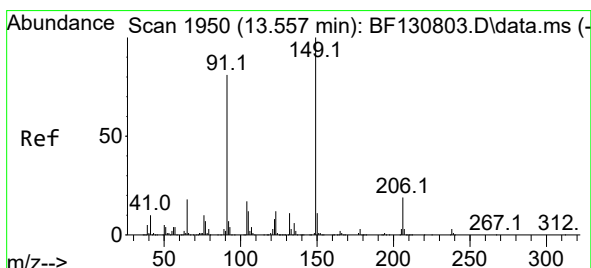
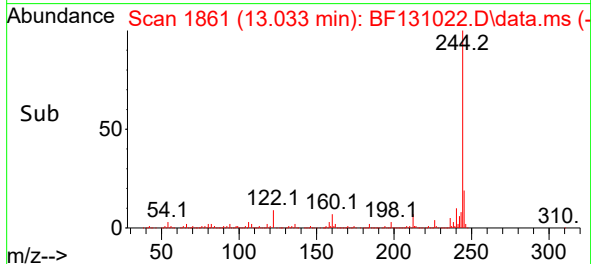
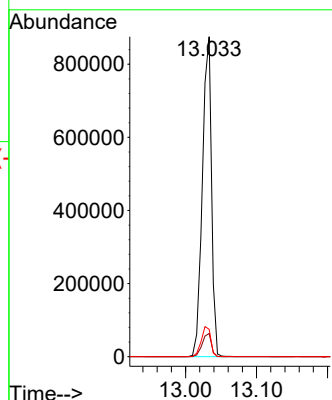
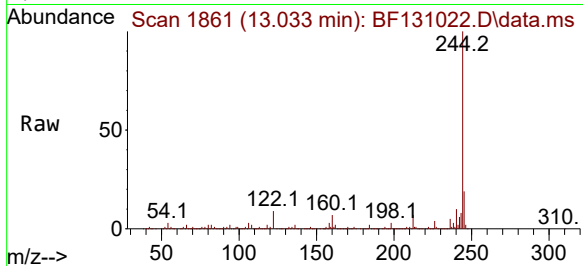
#79
 Terphenyl-d14
 Concen: 63.703 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131022.D
 Acq: 05 Nov 2022 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-2MSD

Tgt Ion:244 Resp: 786669
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.6 7.9 11.9

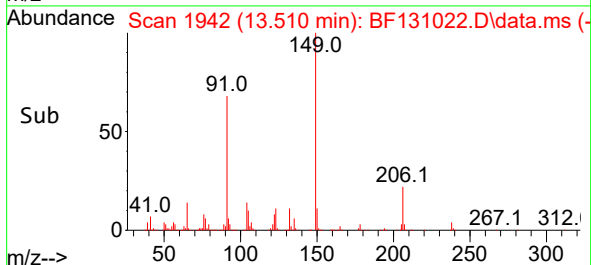
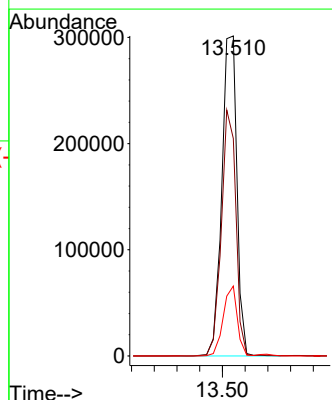
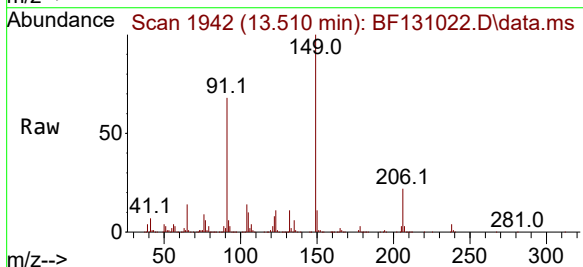
Manual Integrations
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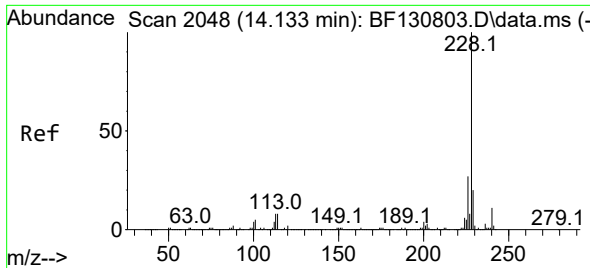
Reviewed By :Christian
 Giraldo
 11/07/2022
 Supervised By :Jagrut
 Upadhyay
 11/07/2022



#80
 Butylbenzylphthalate
 Concen: 40.660 ng
 RT: 13.510 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: BF131022.D
 Acq: 05 Nov 2022 16:31

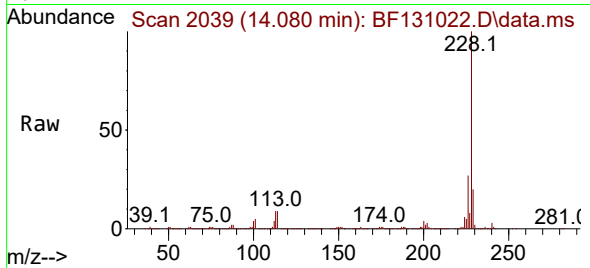
Tgt Ion:149 Resp: 279281
 Ion Ratio Lower Upper
 149 100
 91 68.0 64.5 96.7
 206 21.8 15.3 22.9





#81
Benzo(a)anthracene
Concen: 42.805 ng
RT: 14.080 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

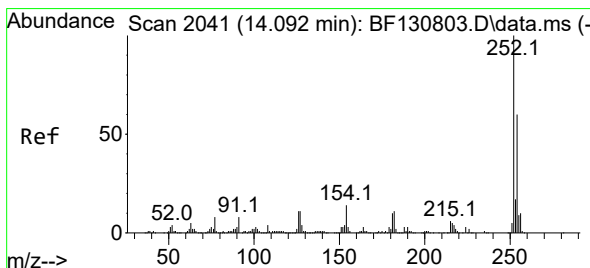
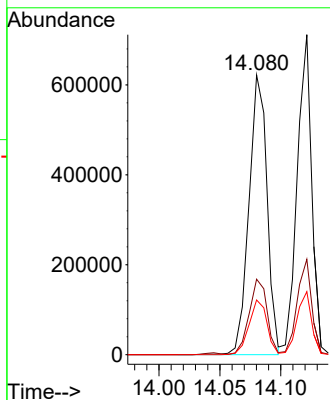
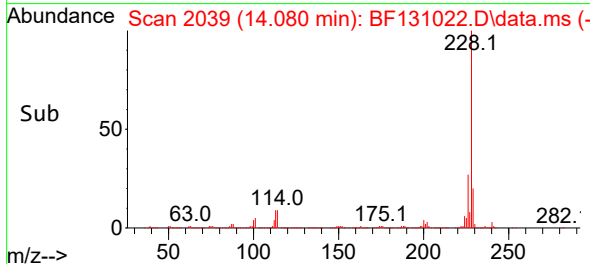
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



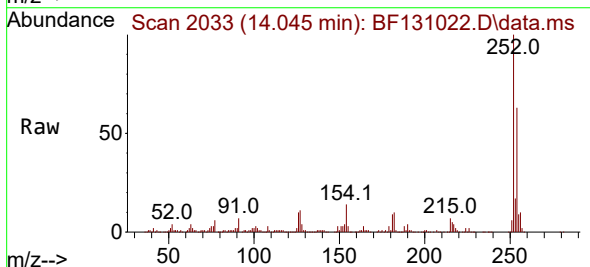
Tgt Ion:228 Resp: 642209
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.6 15.8 23.6

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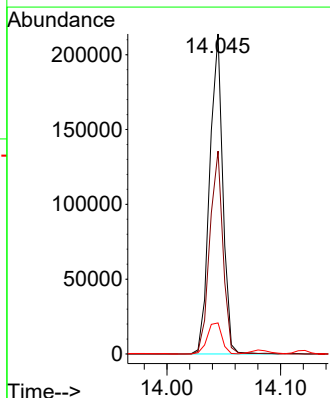
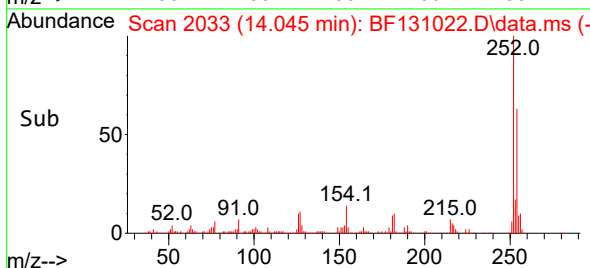
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022

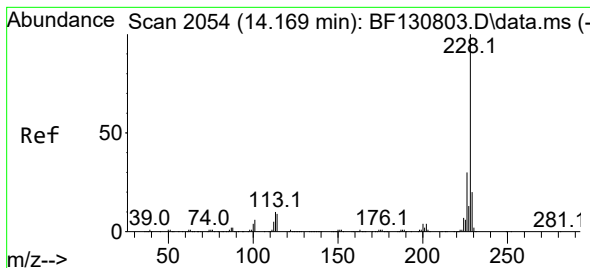


#82
3,3'-Dichlorobenzidine
Concen: 42.242 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31



Tgt Ion:252 Resp: 171048
Ion Ratio Lower Upper
252 100
254 63.4 47.8 71.6
126 9.7 9.0 13.6





#83

Chrysene

Concen: 41.140 ng

RT: 14.121 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

Instrument :

BNA_F

ClientSampleId :

SB-2MSD

Tgt Ion:228 Resp: 59536

Ion Ratio Lower Upper

228 100

226 29.8 23.9 35.9

229 19.7 15.8 23.6

Manual Integrations

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Reviewed By :Christian

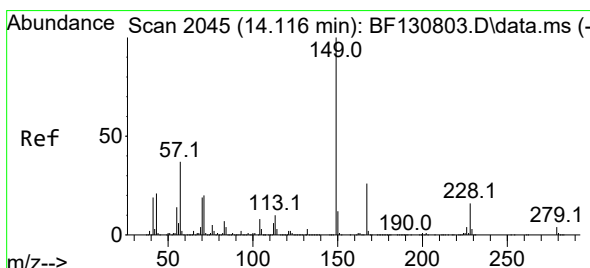
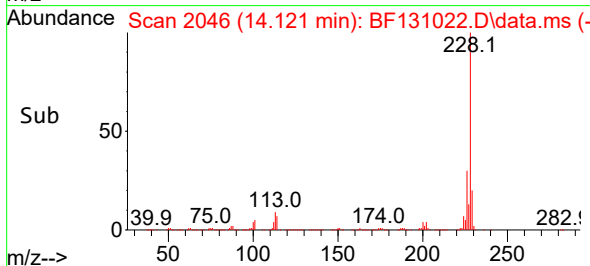
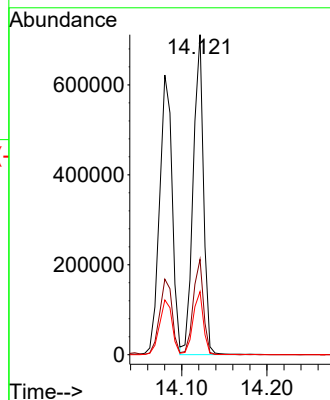
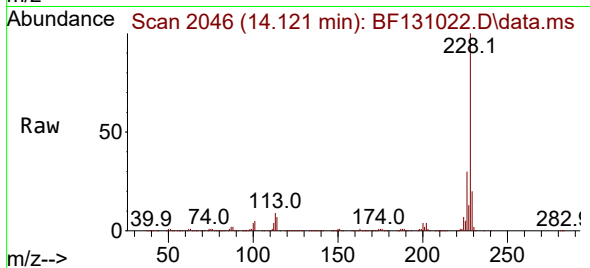
Giraldo

11/07/2022

Supervised By :Jagrut

Upadhyay

11/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.992 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131022.D

Acq: 05 Nov 2022 16:31

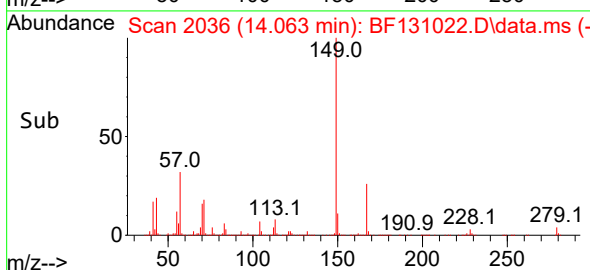
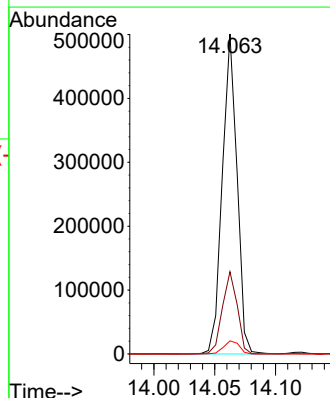
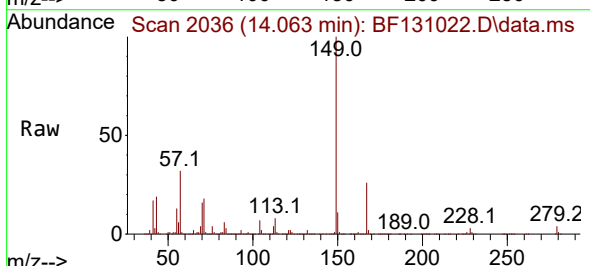
Tgt Ion:149 Resp: 421120

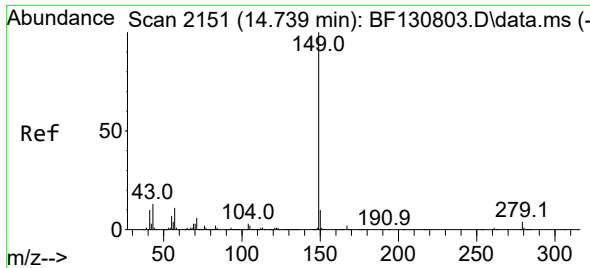
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

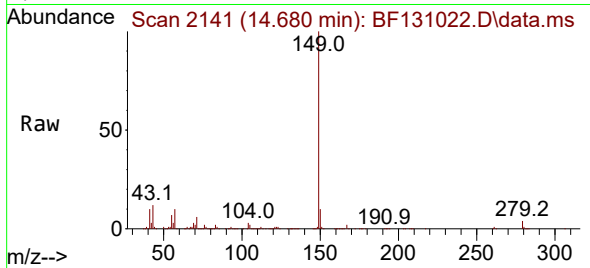
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 48.953 ng
RT: 14.680 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

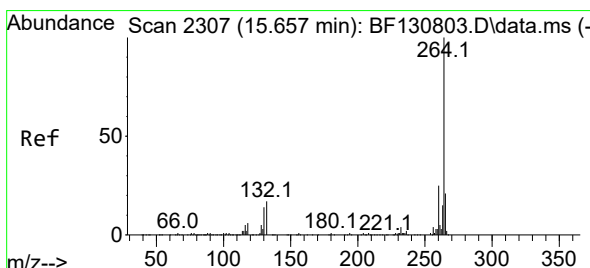
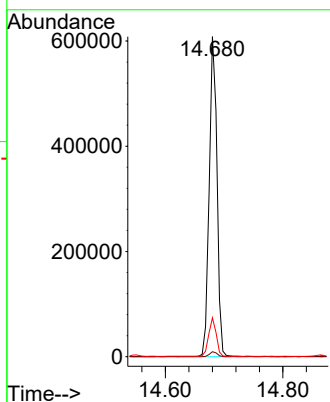
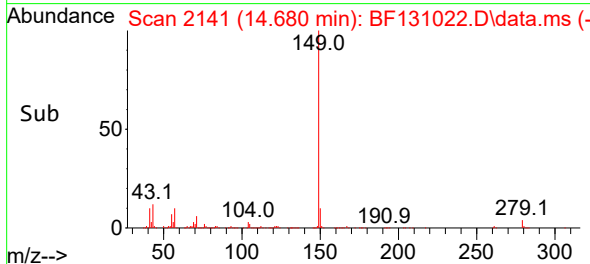
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:149 Resp: 557964
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.7 10.2 15.2

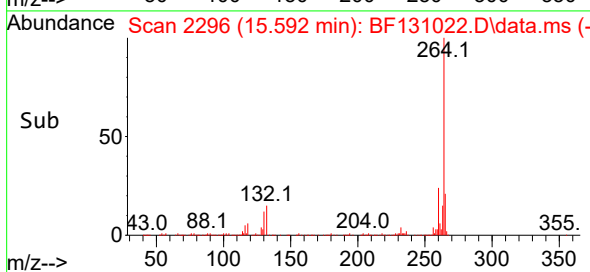
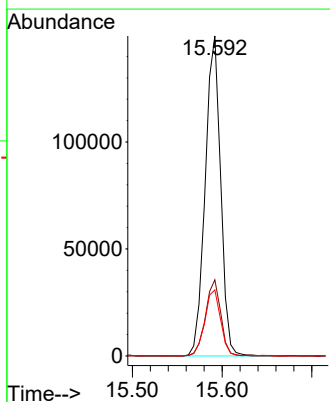
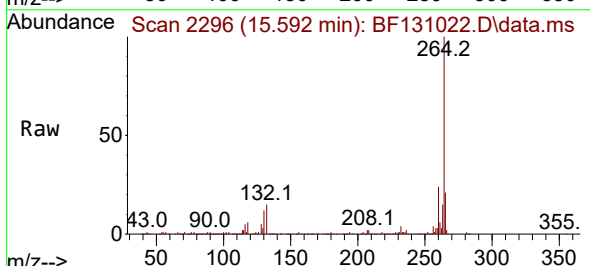
Manual Integrations
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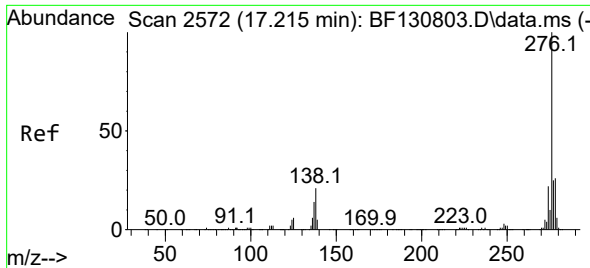
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

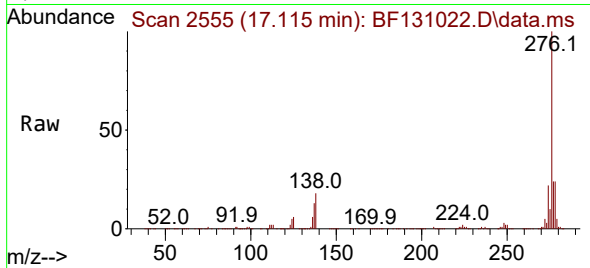
Tgt Ion:264 Resp: 178747
Ion Ratio Lower Upper
264 100
260 23.8 19.9 29.9
265 20.7 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.898 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

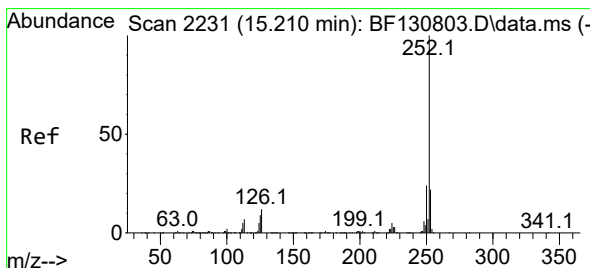
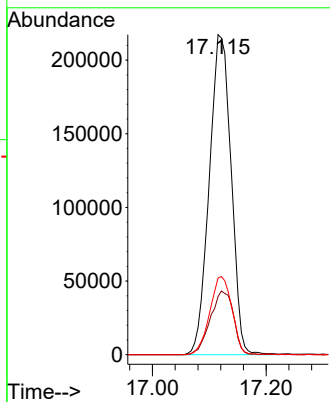
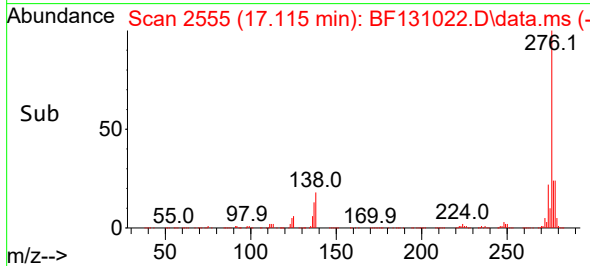
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:276 Resp: 58043
Ion Ratio Lower Upper
276 100
138 21.1 19.1 28.7
277 24.8 20.1 30.1

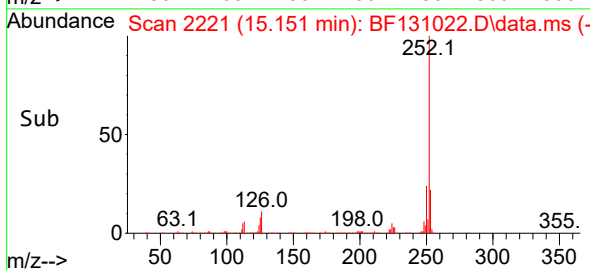
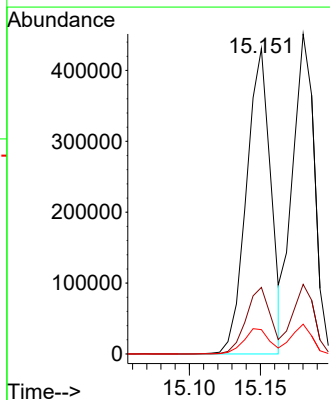
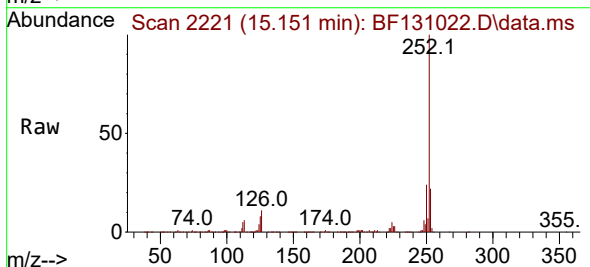
Manual Integrations
APPROVED

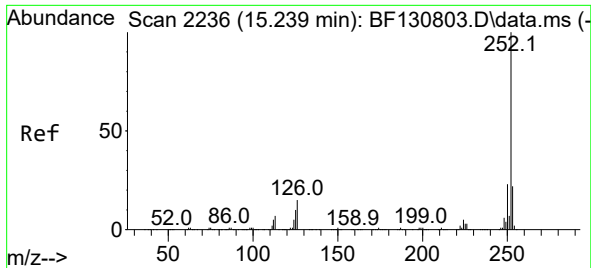
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#88
Benzo(b)fluoranthene
Concen: 44.334 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:252 Resp: 512268
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.0 7.0 10.4





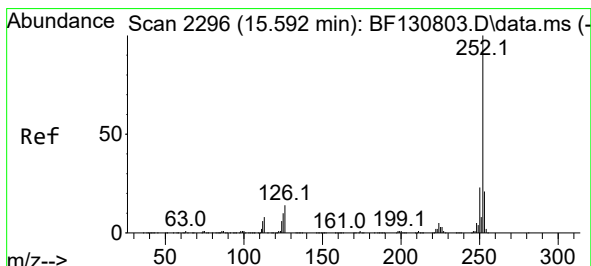
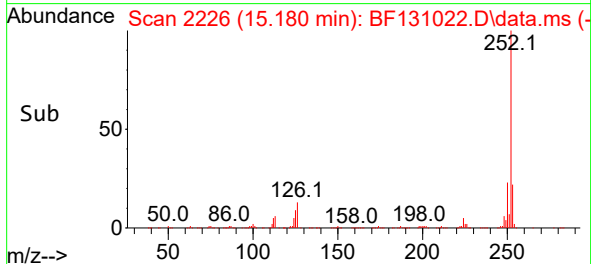
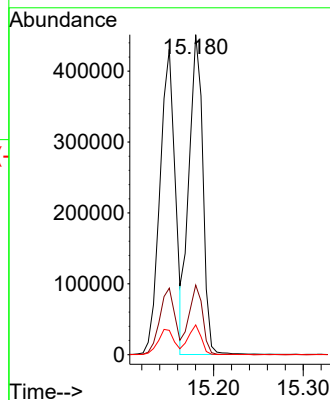
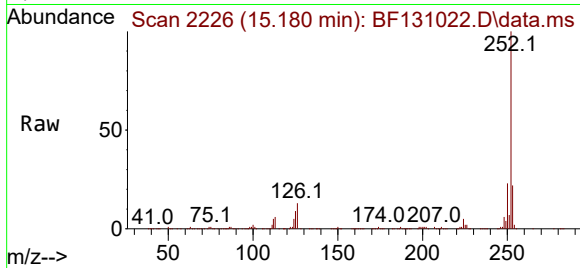
#89
Benzo(k)fluoranthene
Concen: 43.130 ng
RT: 15.180 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Instrument :
BNA_F
ClientSampleId :
SB-2MSD

Tgt Ion:252 Resp: 485615
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 8.0 12.0

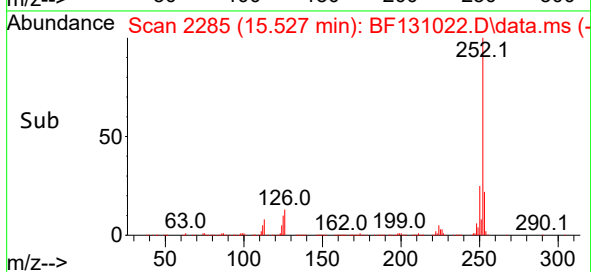
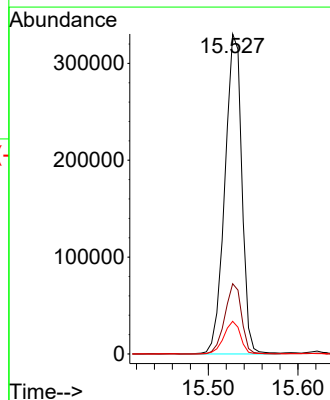
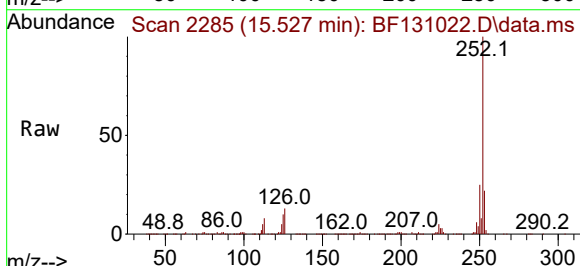
Manual Integrations
APPROVED

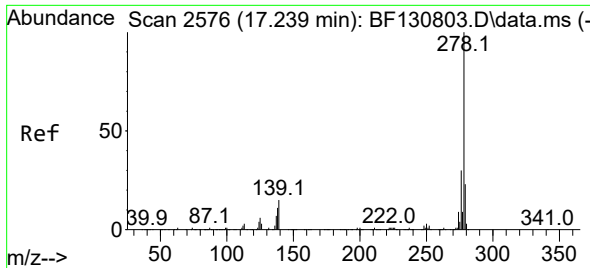
Reviewed By :Christian
Giraldo
11/07/2022
Supervised By :Jagrut
Upadhyay
11/07/2022



#90
Benzo(a)pyrene
Concen: 46.772 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

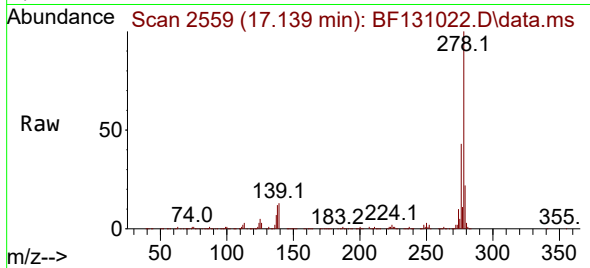
Tgt Ion:252 Resp: 434446
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 50.361 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

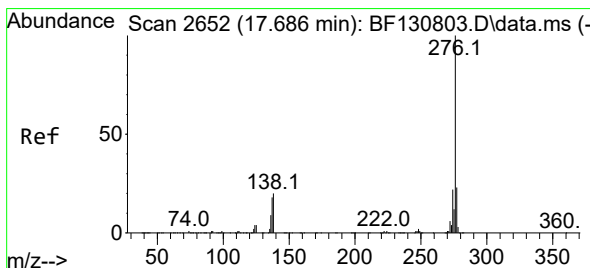
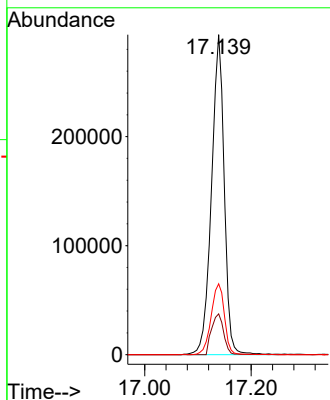
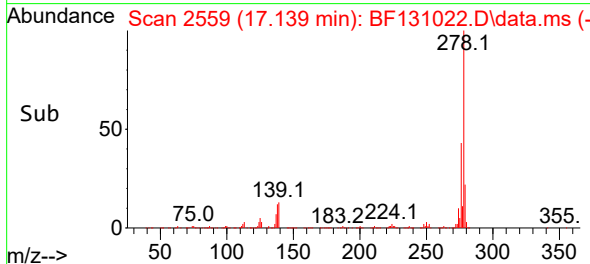
Instrument :
BNA_F
ClientSampleId :
SB-2MSD



Tgt Ion:278 Resp: 48732
Ion Ratio Lower Upper
278 100
139 12.8 11.9 17.9
279 22.2 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.416 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.006 min
Lab File: BF131022.D
Acq: 05 Nov 2022 16:31

Tgt Ion:276 Resp: 497710
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 18.5 16.3 24.5

