

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130987.D
 Acq On : 04 Nov 2022 12:15
 Operator : CG\JU
 Sample : PB148686BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/05/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 05 00:35:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	99366	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	396739	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	180706	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	330999	20.000	ng	0.00
76) Chrysene-d12	14.109	240	228900	20.000	ng	0.00
86) Perylene-d12	15.615	264	170655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	685797	119.649	ng	0.02
7) Phenol-d6	6.545	99	992999	133.317	ng	0.00
23) Nitrobenzene-d5	7.486	82	592041	89.982	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	265597	174.599	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1189973	99.559	ng	0.00
79) Terphenyl-d14	13.051	244	1235994	98.947	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	93378	36.337	ng	96
3) Pyridine	3.563	79	244358	33.949	ng	99
4) n-Nitrosodimethylamine	3.528	42	183007	45.290	ng	97
6) Aniline	6.581	93	339896m	36.904	ng	
8) 2-Chlorophenol	6.698	128	272436	42.668	ng	96
9) Benzaldehyde	6.463	77	56765	11.907	ng	92
10) Phenol	6.557	94	369545m	46.105	ng	
11) bis(2-Chloroethyl)ether	6.651	93	267755	42.853	ng	98
12) 1,3-Dichlorobenzene	6.857	146	295191	40.799	ng	100
13) 1,4-Dichlorobenzene	6.933	146	324803	44.226	ng	99
14) 1,2-Dichlorobenzene	7.086	146	303002	44.549	ng	99
15) Benzyl Alcohol	7.057	79	229878	36.296	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	448964	40.311	ng	94
17) 2-Methylphenol	7.169	107	219209	40.167	ng	97
18) Hexachloroethane	7.428	117	122029	45.975	ng	96
19) n-Nitroso-di-n-propyla...	7.333	70	188955	37.286	ng	100
20) 3+4-Methylphenols	7.322	107	248427	35.011	ng	# 76
22) Acetophenone	7.328	105	357979	37.215	ng	# 90
24) Nitrobenzene	7.504	77	320359	44.528	ng	96
25) Isophorone	7.739	82	633077	46.660	ng	99
26) 2-Nitrophenol	7.816	139	148750	52.062	ng	93
27) 2,4-Dimethylphenol	7.851	122	259620	45.978	ng	98
28) bis(2-Chloroethoxy)met...	7.945	93	305416	40.306	ng	100
29) 2,4-Dichlorophenol	8.057	162	220114	37.893	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	242178	38.772	ng	98
31) Naphthalene	8.228	128	872175	42.136	ng	99
32) Benzoic acid	7.986	122	131667	35.240	ng	93
33) 4-Chloroaniline	8.275	127	293347	35.864	ng	97
34) Hexachlorobutadiene	8.333	225	153274	36.965	ng	99
35) Caprolactam	8.657	113	72331m	38.857	ng	
36) 4-Chloro-3-methylphenol	8.757	107	253467	40.227	ng	99
37) 2-Methylnaphthalene	8.916	142	519496	39.899	ng	99
38) 1-Methylnaphthalene	9.016	142	449199	35.451	ng	100
40) 1,2,4,5-Tetrachloroben...	9.080	216	276749	54.005	ng	99
41) Hexachlorocyclopentadiene	9.069	237	274131	101.811	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	165916	46.594	ng	100

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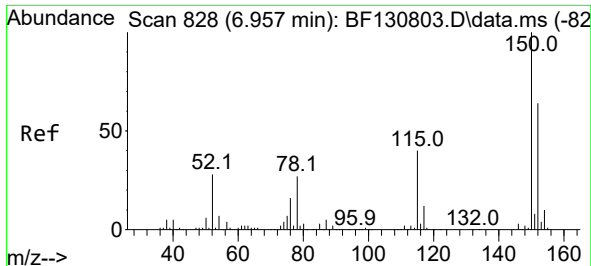
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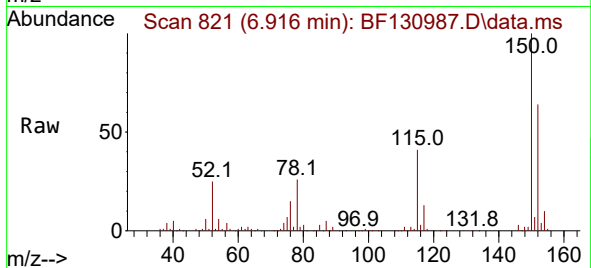
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	209042	54.948	ng	97
46) 1,1'-Biphenyl	9.386	154	659566	51.231	ng	99
47) 2-Chloronaphthalene	9.410	162	487589	47.231	ng	99
48) 2-Nitroaniline	9.510	65	177291	52.941	ng	93
49) Acenaphthylene	9.827	152	749603	45.949	ng	100
50) Dimethylphthalate	9.686	163	667716	53.796	ng	99
51) 2,6-Dinitrotoluene	9.751	165	133338	56.018	ng	89
52) Acenaphthene	10.004	154	542370m	53.766	ng	
53) 3-Nitroaniline	9.922	138	107453	44.447	ng	# 95
54) 2,4-Dinitrophenol	10.033	184	162802	117.884	ng	86
55) Dibenzofuran	10.174	168	633410	43.320	ng	99
56) 4-Nitrophenol	10.086	139	189893	99.201	ng	97
57) 2,4-Dinitrotoluene	10.157	165	171584	57.117	ng	93
58) Fluorene	10.516	166	507376	44.068	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	173204	55.222	ng	95
60) Diethylphthalate	10.386	149	629273	51.551	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	256465	46.563	ng	95
62) 4-Nitroaniline	10.545	138	146756	59.949	ng	93
63) Azobenzene	10.669	77	623097	48.900	ng	99
65) 4,6-Dinitro-2-methylph...	10.569	198	95336	65.463	ng	89
66) n-Nitrosodiphenylamine	10.627	169	483076	46.790	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	181090	54.402	ng	93
68) Hexachlorobenzene	11.063	284	177402	48.371	ng	97
69) Atrazine	11.157	200	163546	54.852	ng	97
70) Pentachlorophenol	11.263	266	171590	81.990	ng	97
71) Phenanthrene	11.486	178	727417	42.579	ng	100
72) Anthracene	11.539	178	728934	43.259	ng	100
73) Carbazole	11.692	167	659534	43.706	ng	99
74) Di-n-butylphthalate	12.015	149	858796	46.860	ng	99
75) Fluoranthene	12.680	202	870494	47.957	ng	98
77) Benzidine	12.798	184	284103	51.130	ng	99
78) Pyrene	12.910	202	839887	43.491	ng	99
80) Butylbenzylphthalate	13.521	149	309901	44.604	ng	96
81) Benzo(a)anthracene	14.098	228	655758	43.210	ng	100
82) 3,3'-Dichlorobenzidine	14.062	252	205670	50.213	ng	93
83) Chrysene	14.139	228	574338	39.235	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	419056	50.163	ng	100
85) Di-n-octyl phthalate	14.698	149	544338	47.213	ng	99
87) Indeno(1,2,3-cd)pyrene	17.156	276	469820	41.457	ng	97
88) Benzo(b)fluoranthene	15.168	252	509814	46.214	ng	99
89) Benzo(k)fluoranthene	15.204	252	469969	43.720	ng	99
90) Benzo(a)pyrene	15.551	252	468844	52.869	ng	98
91) Dibenzo(a,h)anthracene	17.174	278	408800	44.250	ng	97
92) Benzo(g,h,i)perylene	17.627	276	405714	43.046	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

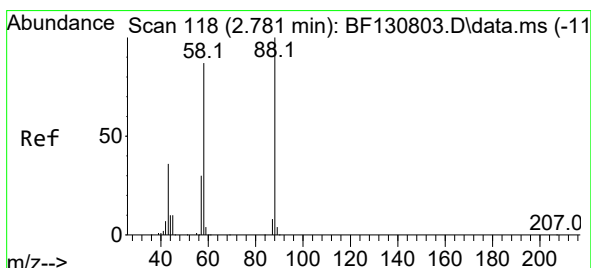
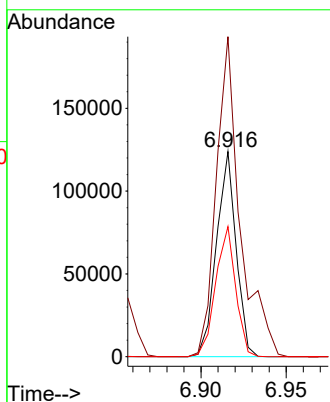
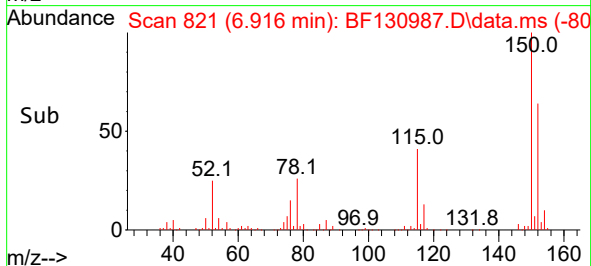
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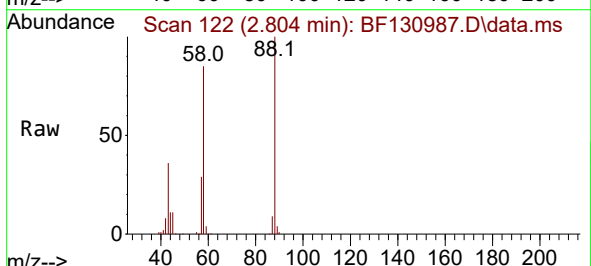
Tgt Ion:152 Resp: 99360
Ion Ratio Lower Upper
152 100
150 156.0 124.1 186.1
115 63.4 50.1 75.1

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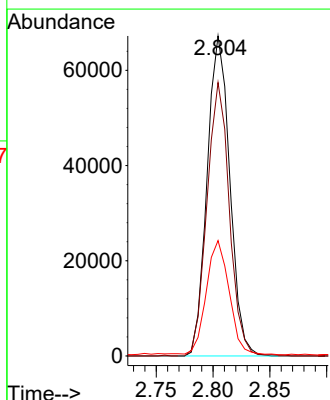
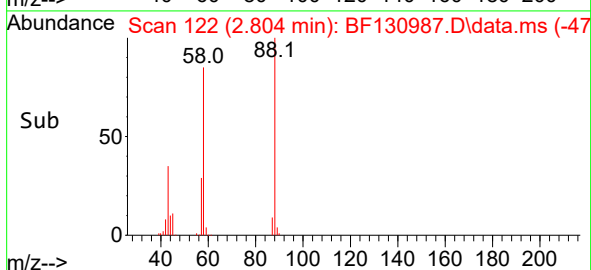
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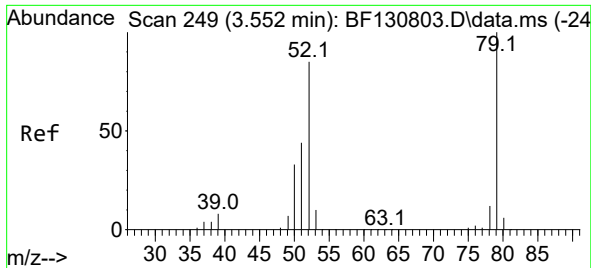


#2
1,4-Dioxane
Concen: 36.337 ng
RT: 2.804 min Scan# 122
Delta R.T. 0.094 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



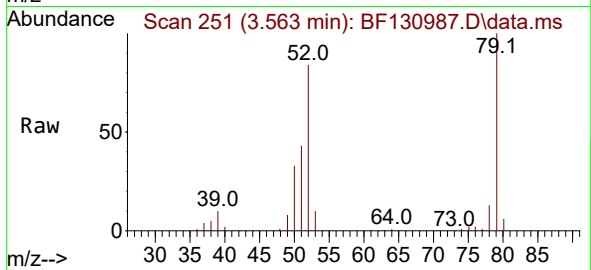
Tgt Ion: 88 Resp: 93378
Ion Ratio Lower Upper
88 100
58 84.5 64.7 97.1
43 36.0 26.5 39.7





#3
Pyridine
Concen: 33.949 ng
RT: 3.563 min Scan# 249
Delta R.T. 0.082 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

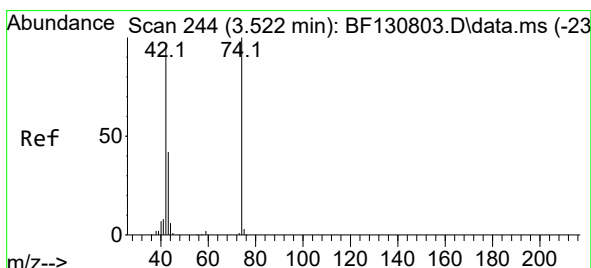
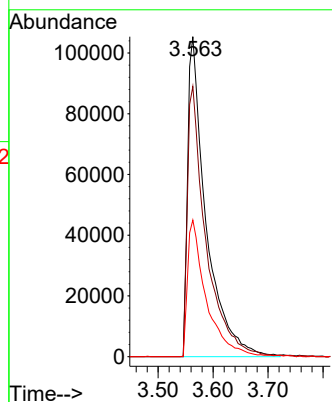
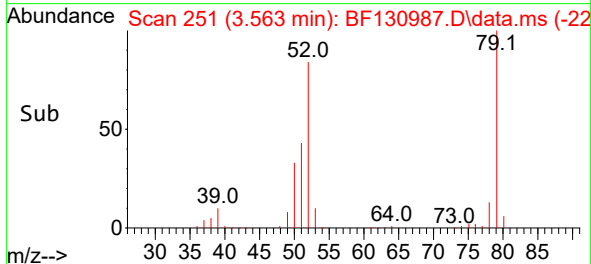
Instrument :
BNA_F
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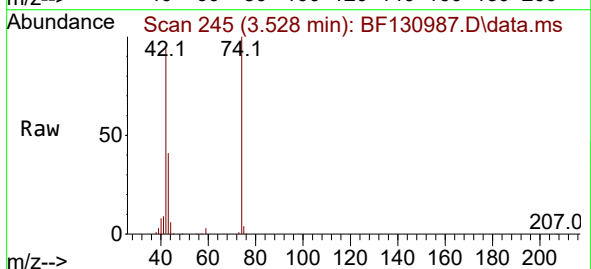
Tgt Ion: 79 Resp: 244358
Ion Ratio Lower Upper
79 100
52 84.5 68.2 102.4
51 42.7 35.2 52.8

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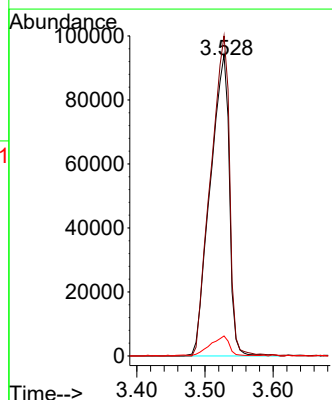
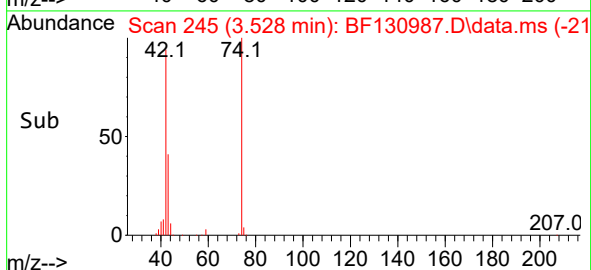
Reviewed By :Christian Giraldo 11/05/2022
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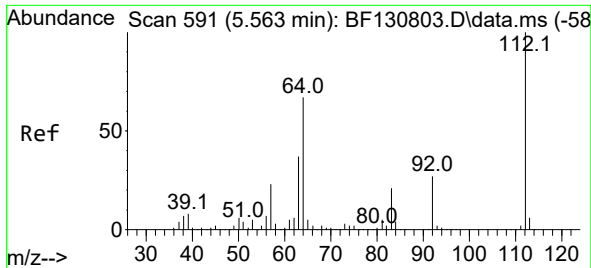


#4
n-Nitrosodimethylamine
Concen: 45.290 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.082 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion: 42 Resp: 183007
Ion Ratio Lower Upper
42 100
74 106.2 82.8 124.2
44 6.7 6.0 9.0





#5
2-Fluorophenol
Concen: 119.649 ng
RT: 5.545 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

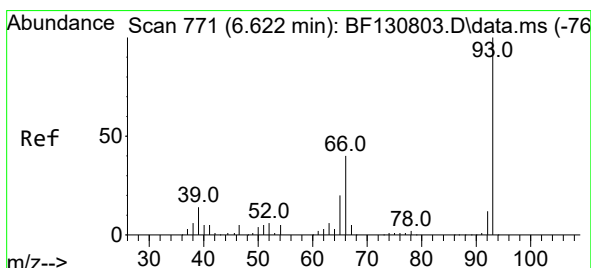
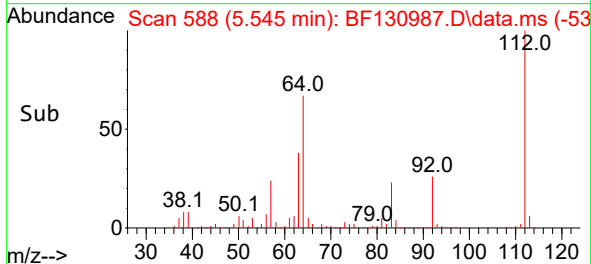
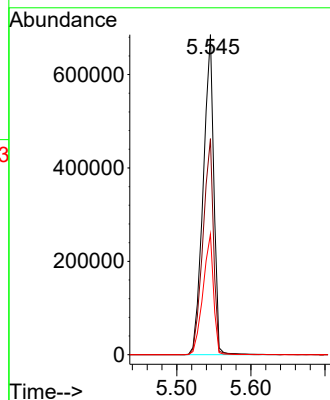
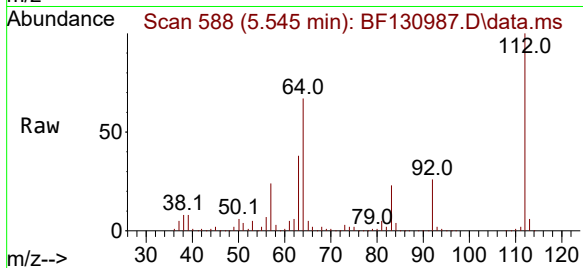
ClientSampleId :

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Tgt Ion:112 Resp: 68579
Ion Ratio Lower Upper
112 100
64 67.5 53.9 80.9
63 37.7 29.4 44.2

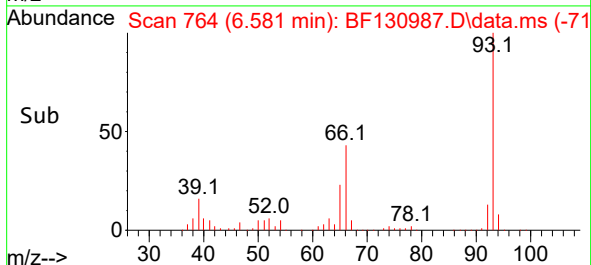
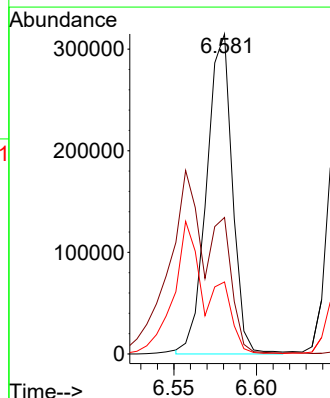
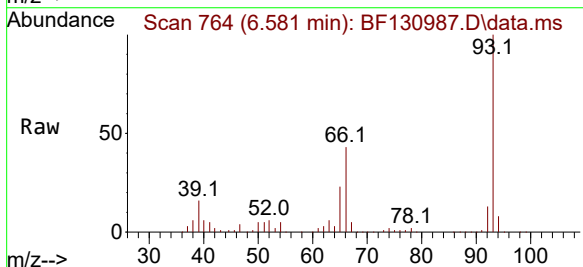
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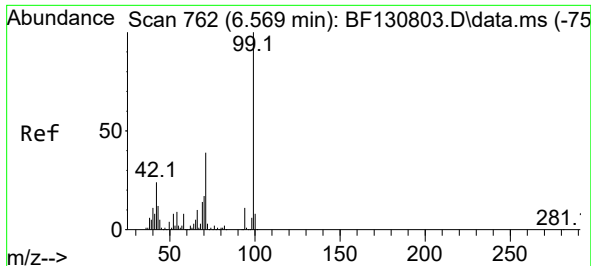
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#6
Aniline
Concen: 36.904 ng m
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

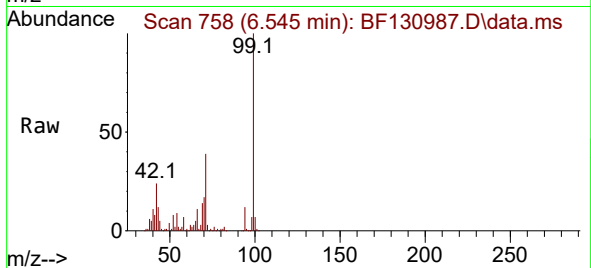
Tgt Ion: 93 Resp: 339896
Ion Ratio Lower Upper
93 100
66 42.6 33.8 50.8
65 22.5 17.2 25.8





#7
Phenol-d6
Concen: 133.317 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

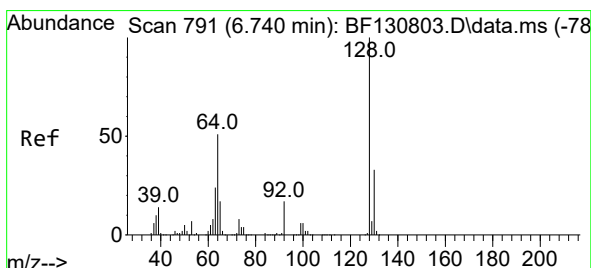
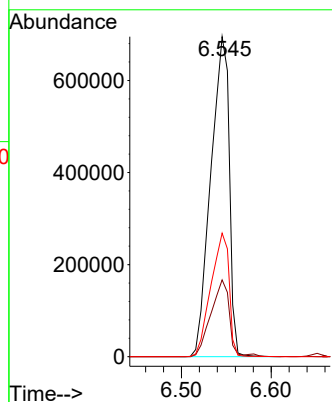
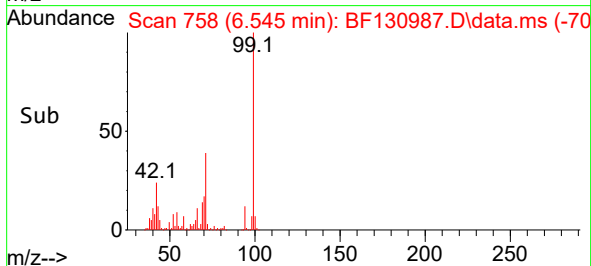
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Tgt Ion: 99 Resp: 99299
Ion Ratio Lower Upper
99 100
42 24.0 18.8 28.2
71 38.6 31.4 47.0

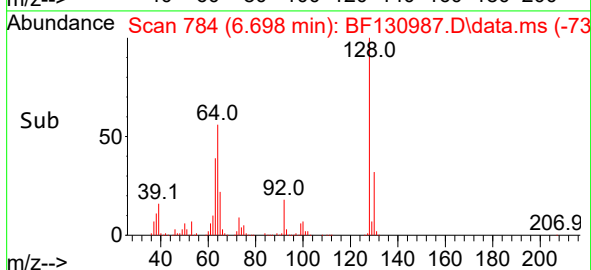
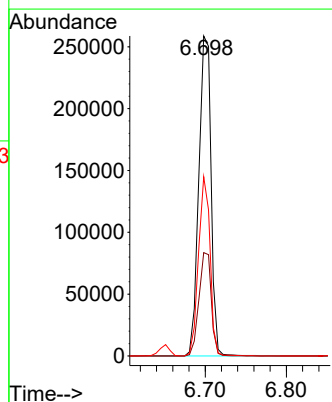
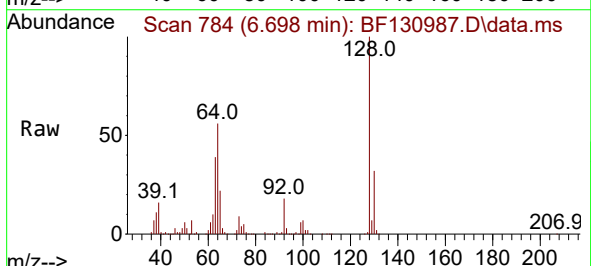
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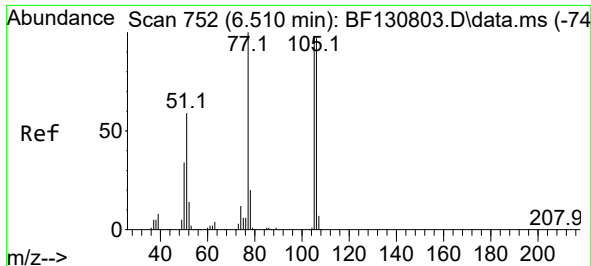
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#8
2-Chlorophenol
Concen: 42.668 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

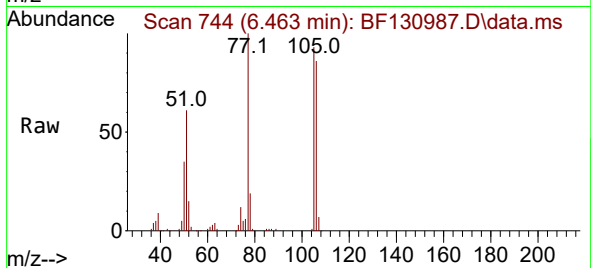
Tgt Ion:128 Resp: 272436
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 56.0 31.3 71.3





#9
Benzaldehyde
Concen: 11.907 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

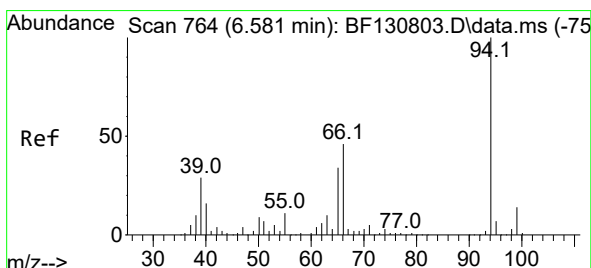
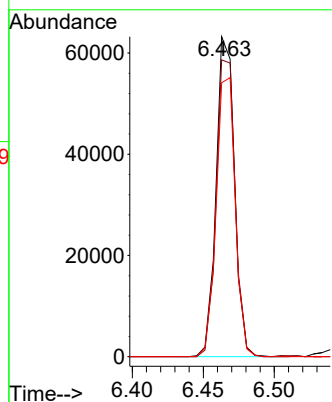
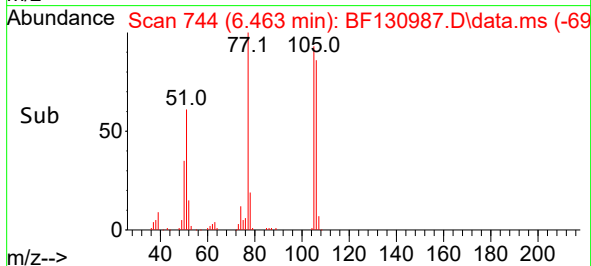
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 5676
Ion Ratio Lower Upper
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106 85.6 76.6 116.6

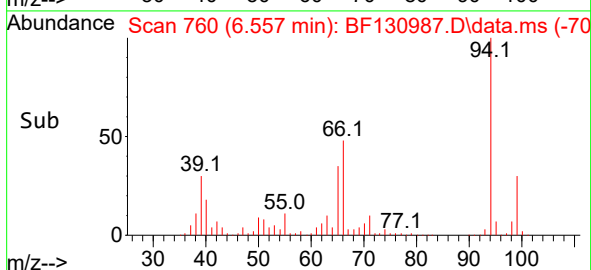
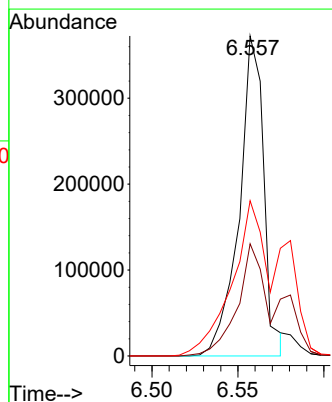
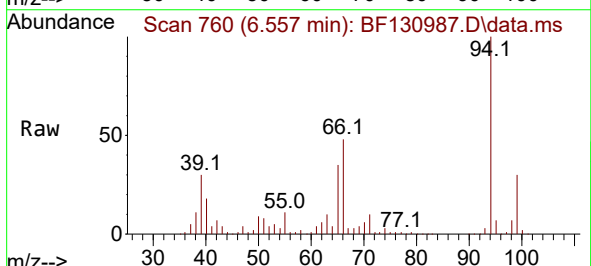
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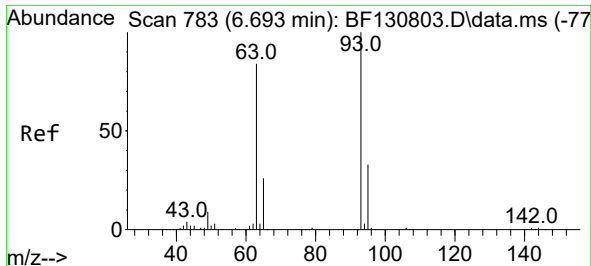
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#10
Phenol
Concen: 46.105 ng m
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion: 94 Resp: 369545
Ion Ratio Lower Upper
94 100
65 35.0 13.7 53.7
66 48.5 26.5 66.5





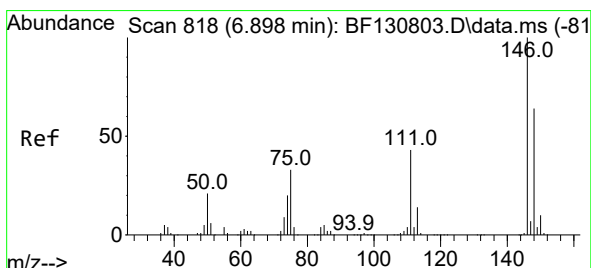
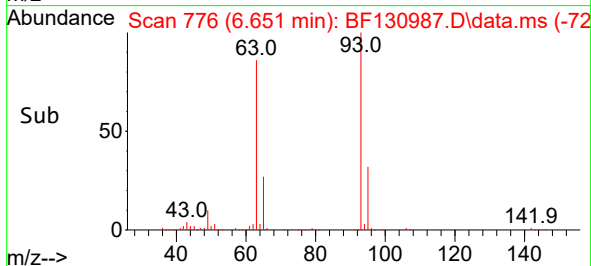
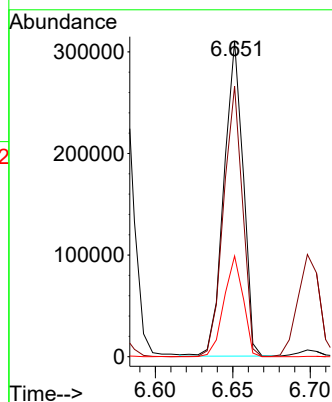
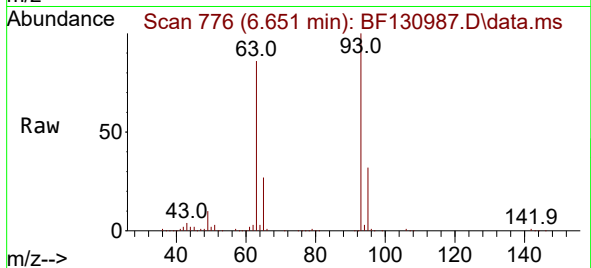
#11
bis(2-Chloroethyl)ether
Concen: 42.853 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion: 93 Resp: 26775
Ion Ratio Lower Upper
93 100
63 85.6 63.4 103.4
95 31.9 12.6 52.6

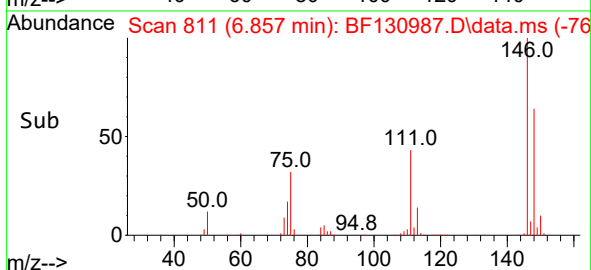
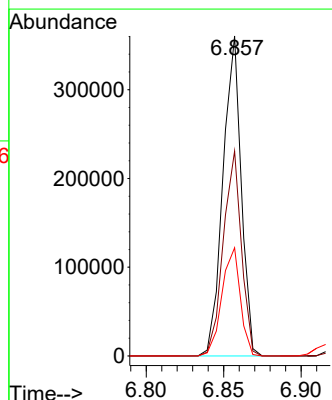
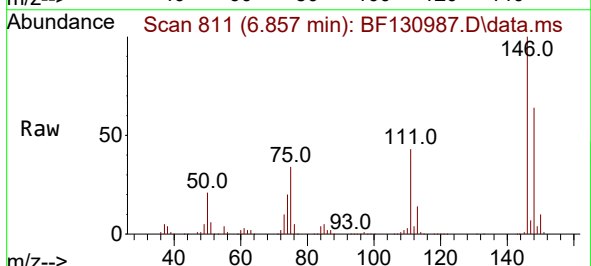
Manual Integrations
APPROVED

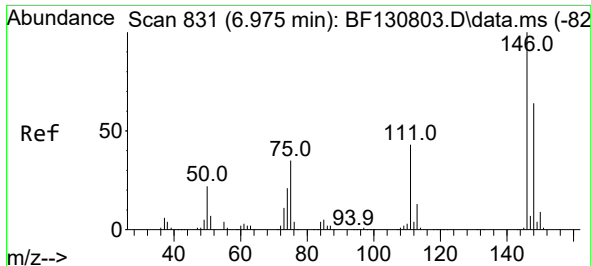
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#12
1,3-Dichlorobenzene
Concen: 40.799 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

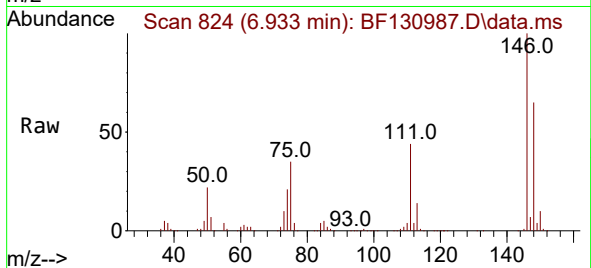
Tgt Ion:146 Resp: 295191
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 33.8 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 44.226 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

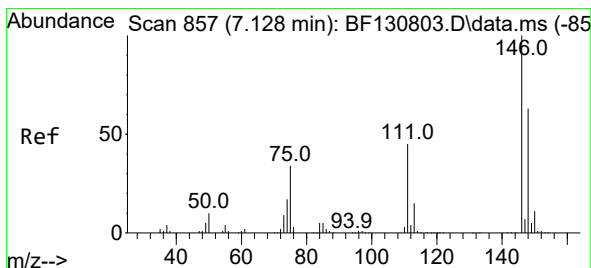
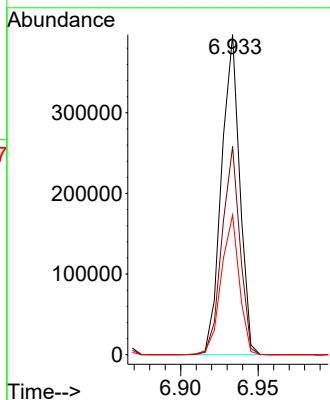
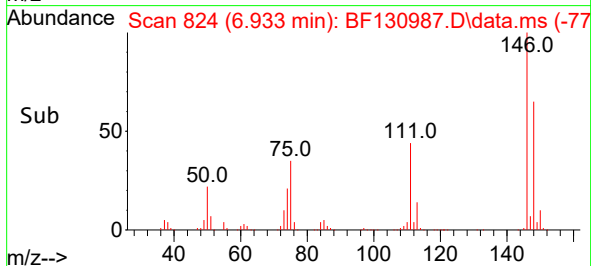
Instrument :
BNA_F
ClientSampleId :
PB148686BS



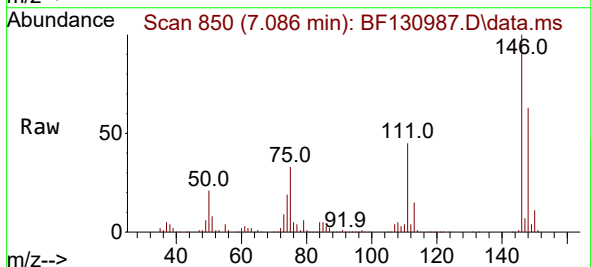
Tgt Ion:146 Resp: 32480
Ion Ratio Lower Upper
146 100
148 65.1 51.3 76.9
111 43.7 34.6 51.8

Manual Integrations
APPROVED

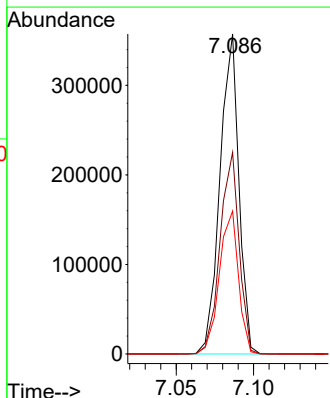
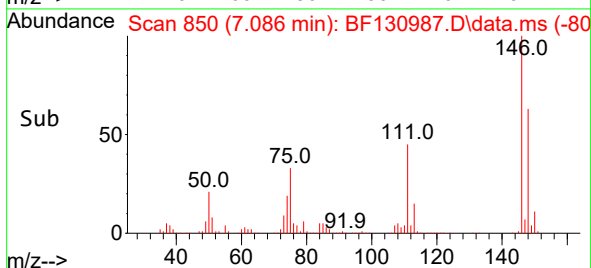
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

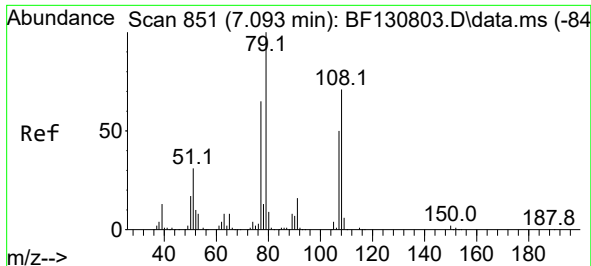


#14
1,2-Dichlorobenzene
Concen: 44.549 ng
RT: 7.086 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion:146 Resp: 303002
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 44.7 36.3 54.5





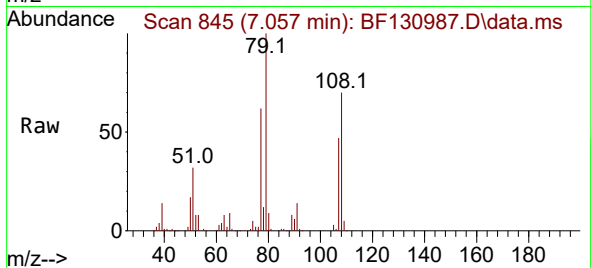
#15
Benzyl Alcohol
Concen: 36.296 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

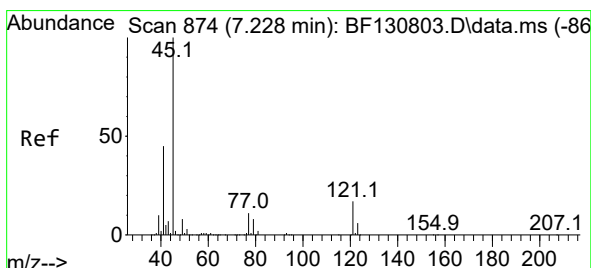
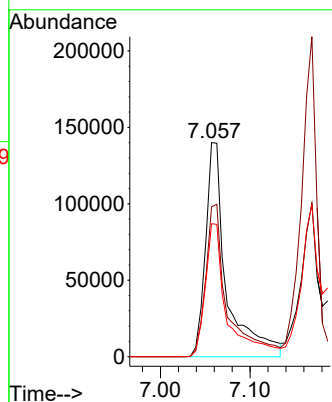
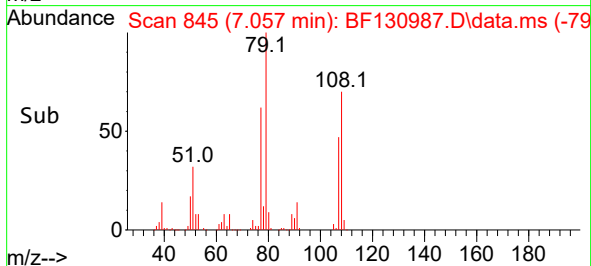
PB148686BS



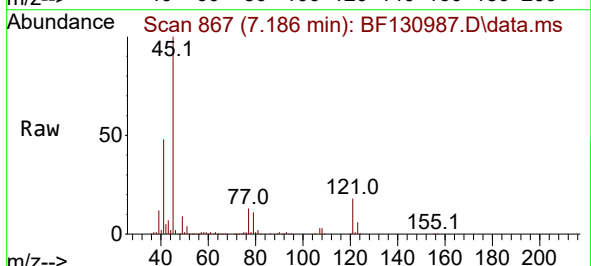
Tgt Ion: 79 Resp: 229878
Ion Ratio Lower Upper
79 100
108 70.0 56.4 84.6
77 62.1 51.8 77.8

Manual Integrations
APPROVED

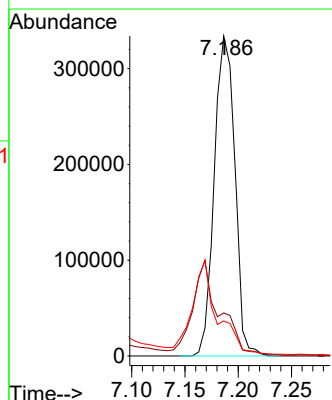
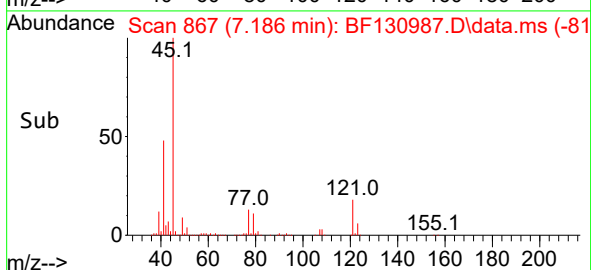
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

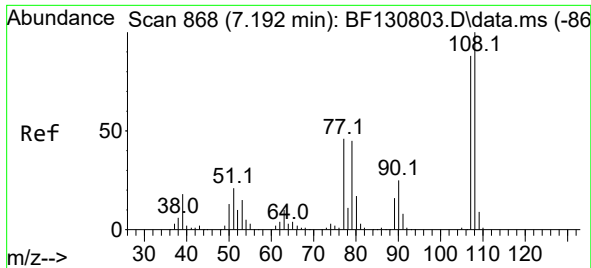


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.311 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion: 45 Resp: 448964
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.2
79 10.9 0.0 28.4





#17
2-Methylphenol
Concen: 40.167 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

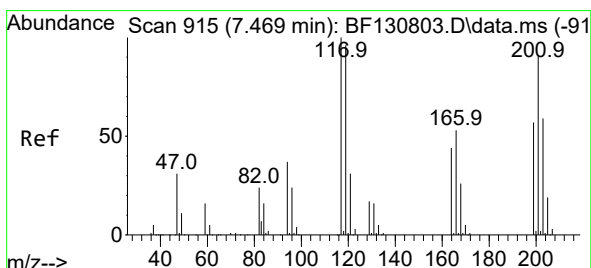
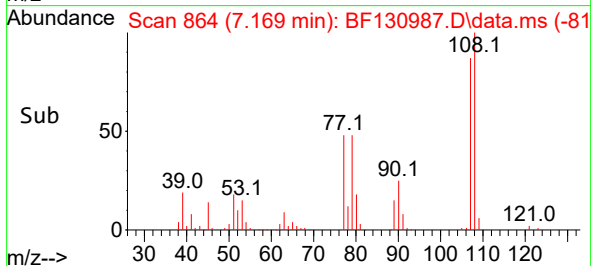
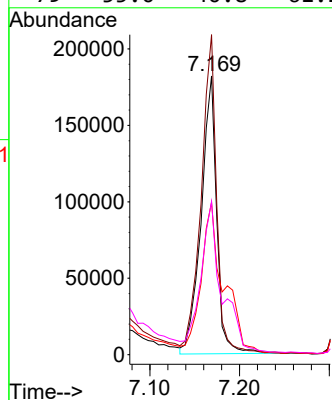
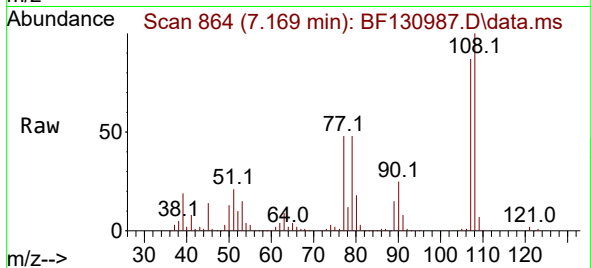
PB148686BS

Tgt Ion:107 Resp: 219209
Ion Ratio Lower Upper
107 100
108 114.8 90.5 135.7
77 54.6 41.2 61.8
79 55.0 40.8 61.2

Manual Integrations

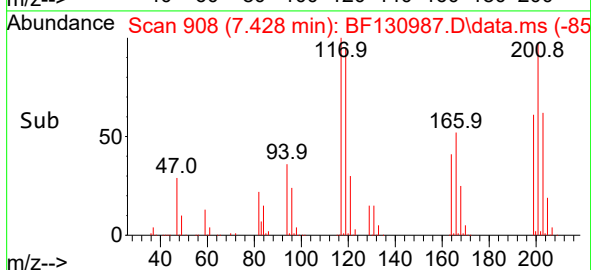
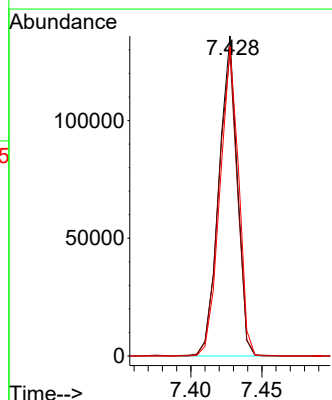
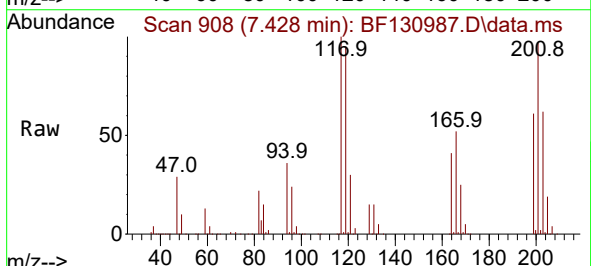
APPROVED

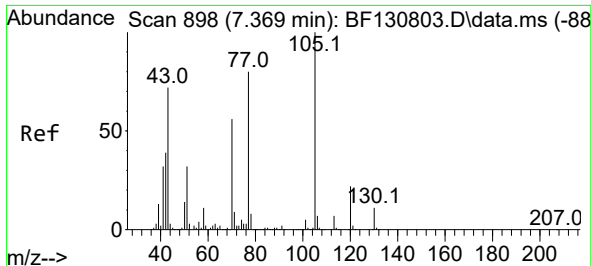
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#18
Hexachloroethane
Concen: 45.975 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:117 Resp: 122029
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 96.7 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 37.286 ng
RT: 7.333 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

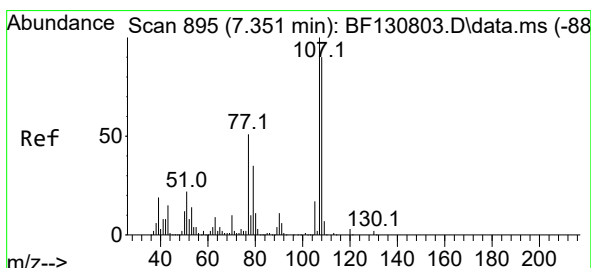
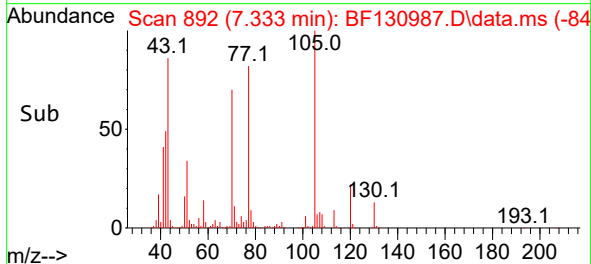
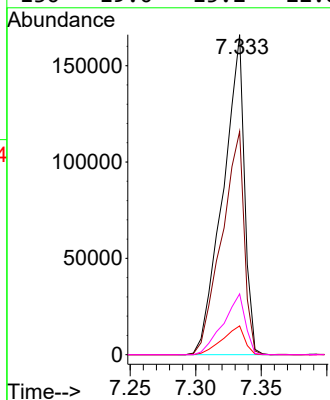
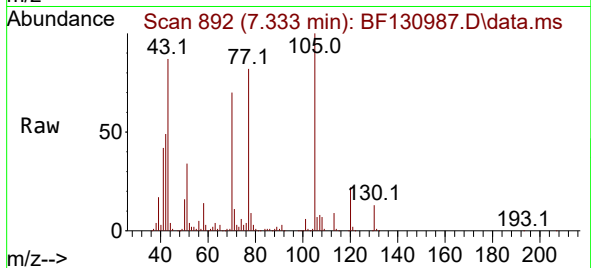
ClientSampleId :

PB148686BS

Tgt Ion: 70 Resp: 18895
Ion Ratio Lower Upper
70 100
42 69.8 56.1 84.1
101 9.0 7.3 10.9
130 19.0 15.2 22.8

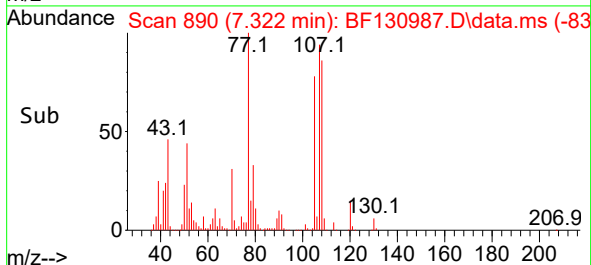
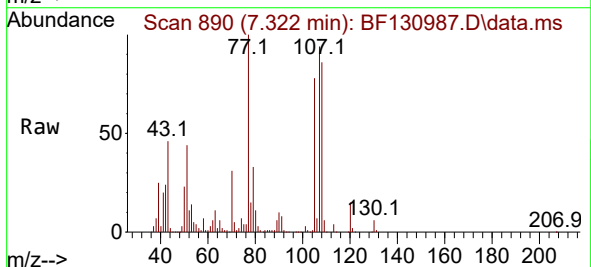
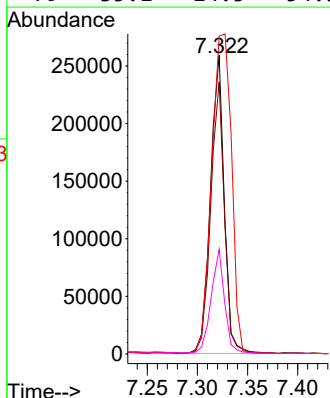
Manual Integrations
APPROVED

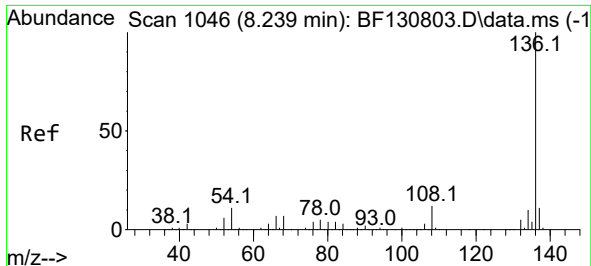
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#20
3+4-Methylphenols
Concen: 35.011 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:107 Resp: 248427
Ion Ratio Lower Upper
107 100
108 91.1 70.4 110.4
77 106.4 31.1 71.1#
79 35.1 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

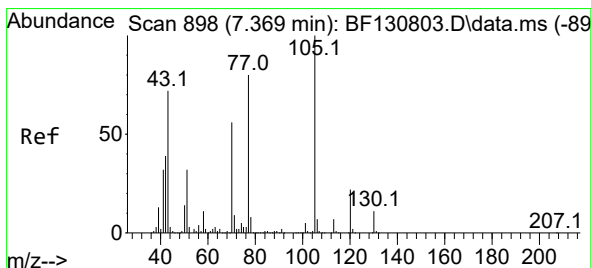
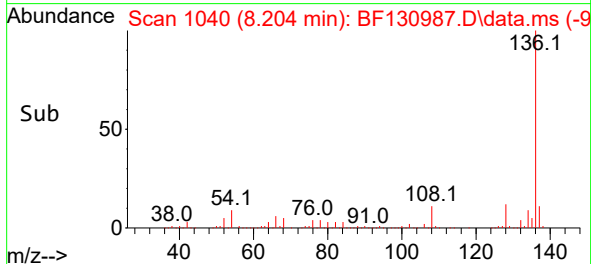
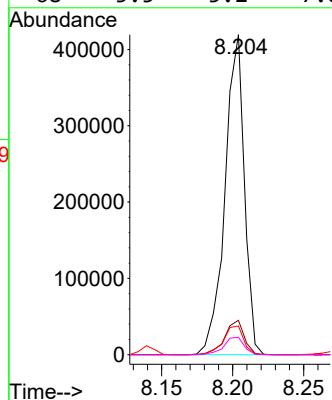
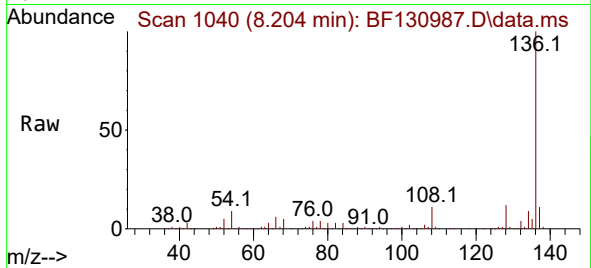
PB148686BS

Tgt Ion:136 Resp: 396739
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 8.9 8.8 13.2
68 5.5 5.2 7.8

Manual Integrations

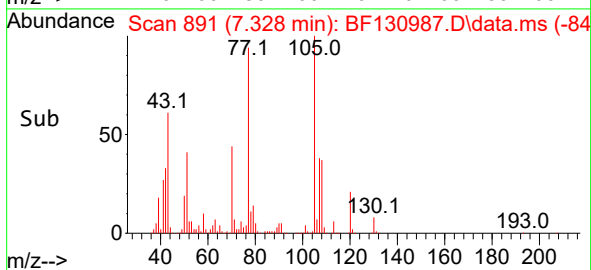
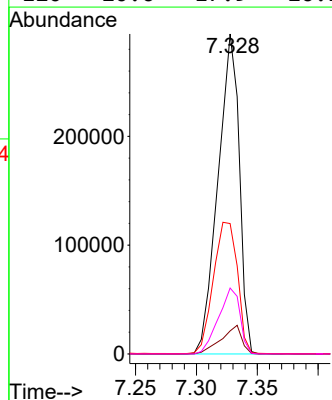
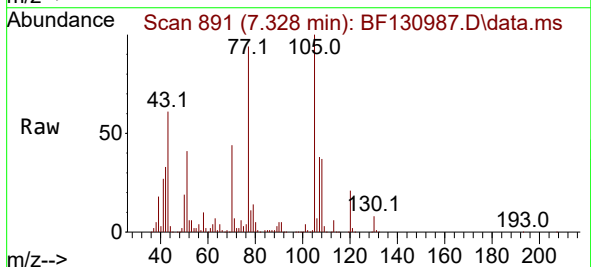
APPROVED

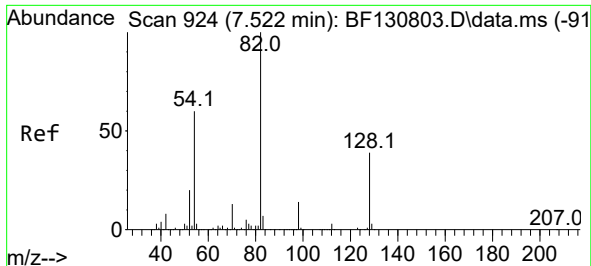
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#22
Acetophenone
Concen: 37.215 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:105 Resp: 357979
Ion Ratio Lower Upper
105 100
71 7.2 7.2 10.8#
51 40.7 25.9 38.9#
120 20.6 17.9 26.9





#23

Nitrobenzene-d5

Concen: 89.982 ng

RT: 7.486 min Scan# 918

Delta R.T. -0.000 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion: 82 Resp: 59204

Ion Ratio Lower Upper

82 100

128 38.2 31.2 46.8

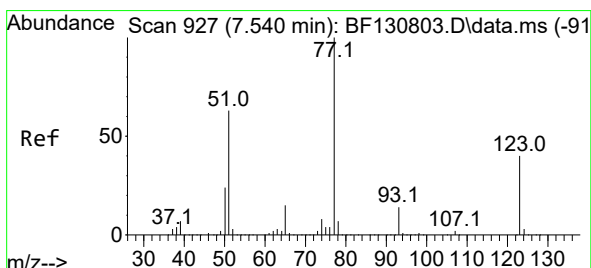
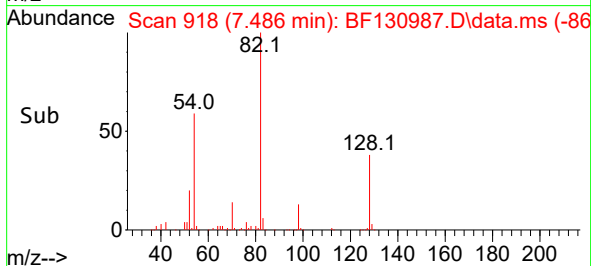
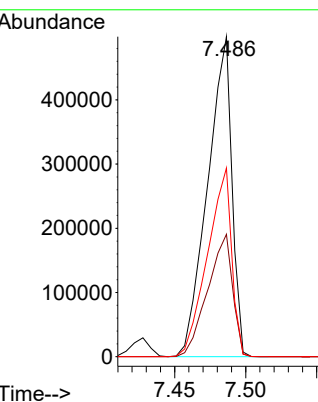
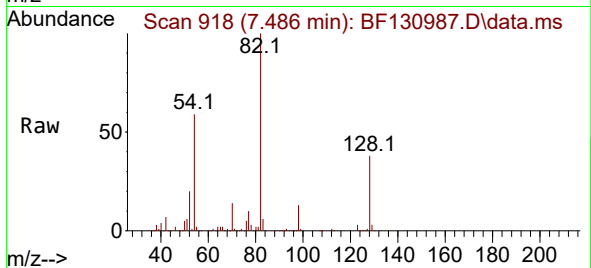
54 59.0 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#24

Nitrobenzene

Concen: 44.528 ng

RT: 7.504 min Scan# 921

Delta R.T. -0.000 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

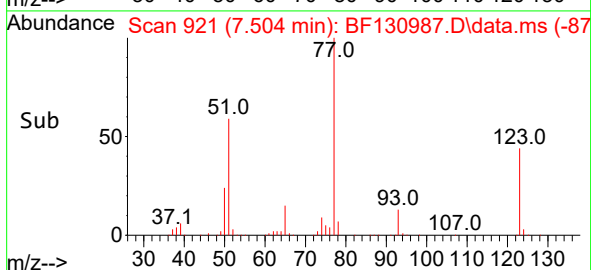
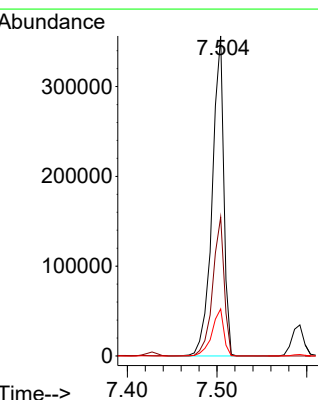
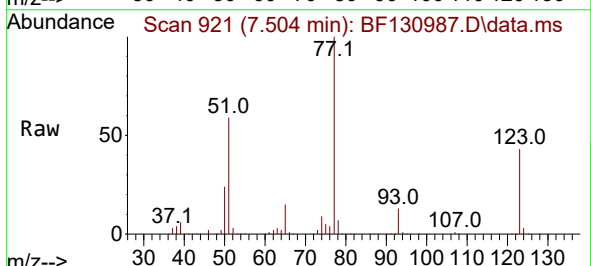
Tgt Ion: 77 Resp: 320359

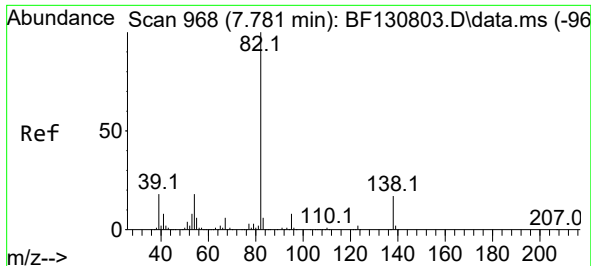
Ion Ratio Lower Upper

77 100

123 43.4 32.2 48.2

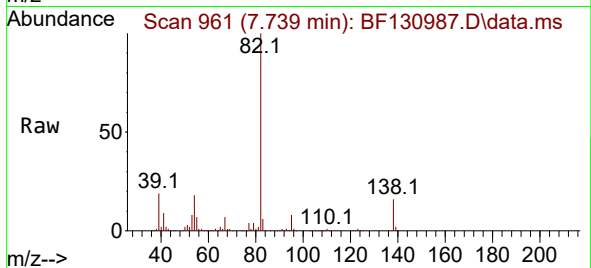
65 14.7 12.0 18.0





#25
Isophorone
Concen: 46.660 ng
RT: 7.739 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

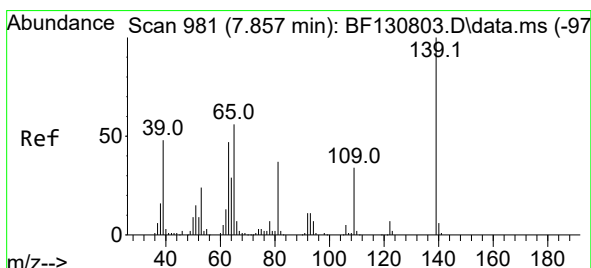
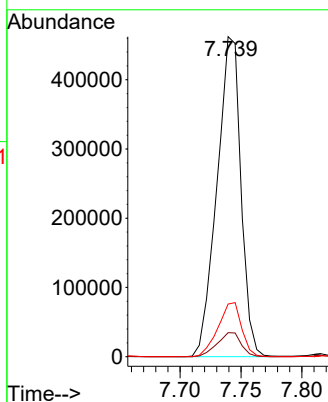
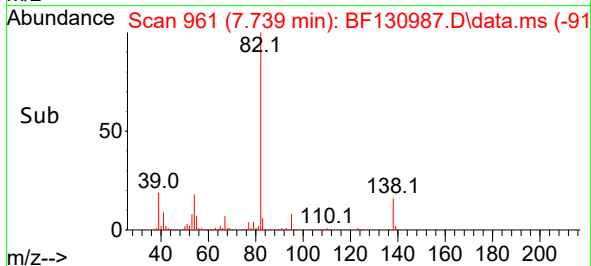
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion: 82 Resp: 63307
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 16.4 13.8 20.6

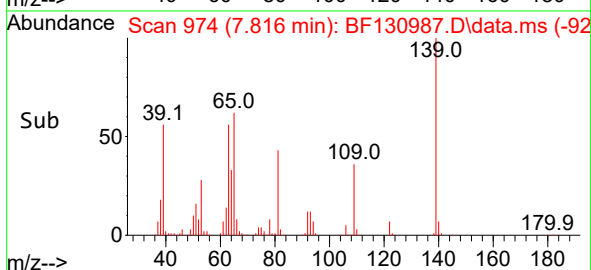
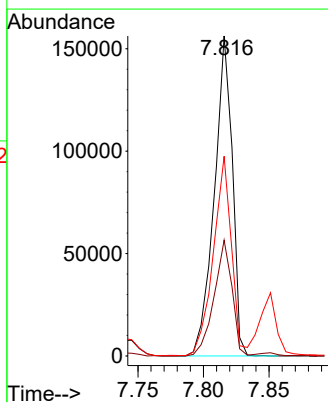
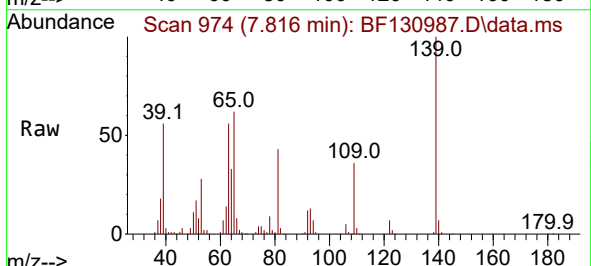
Manual Integrations
APPROVED

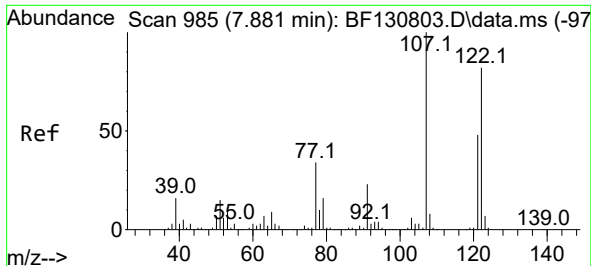
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#26
2-Nitrophenol
Concen: 52.062 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:139 Resp: 148750
Ion Ratio Lower Upper
139 100
109 36.2 27.3 40.9
65 62.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 45.978 ng

RT: 7.851 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:122 Resp: 259620

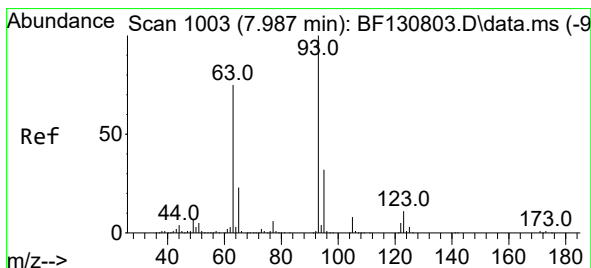
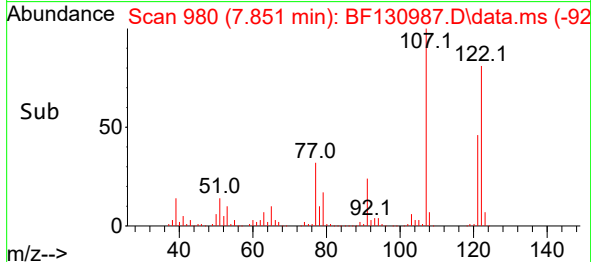
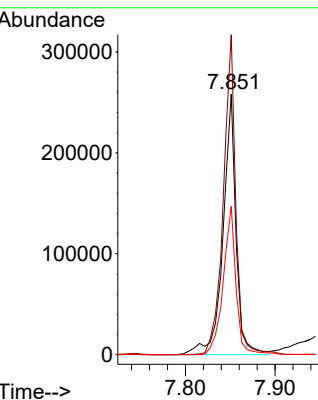
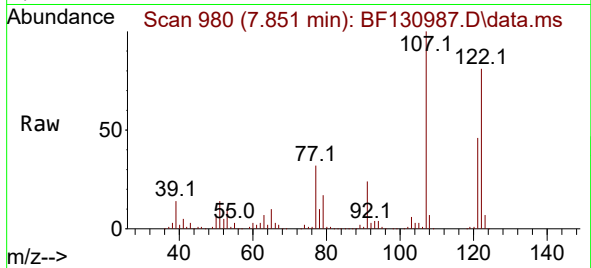
Ion	Ratio	Lower	Upper
122	100		
107	122.8	97.1	145.7
121	56.9	46.9	70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 40.306 ng

RT: 7.945 min Scan# 996

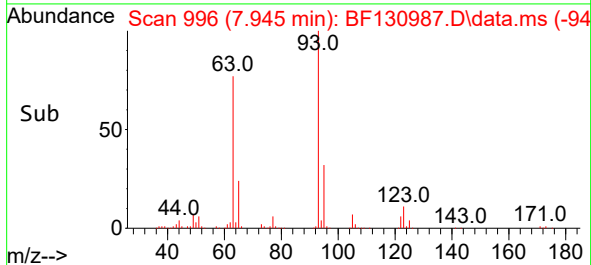
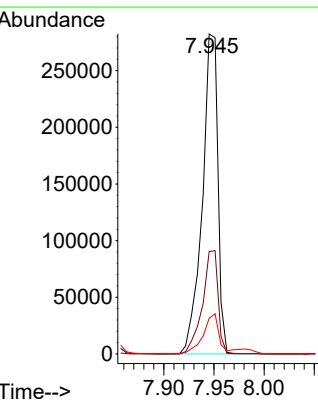
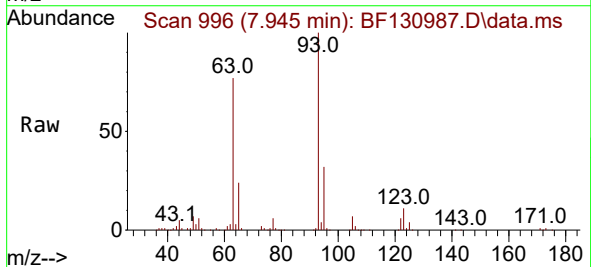
Delta R.T. -0.006 min

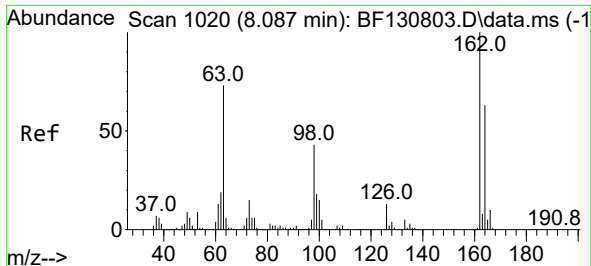
Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Tgt Ion: 93 Resp: 305416

Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.7	38.5
123	11.1	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 37.893 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF130987.D

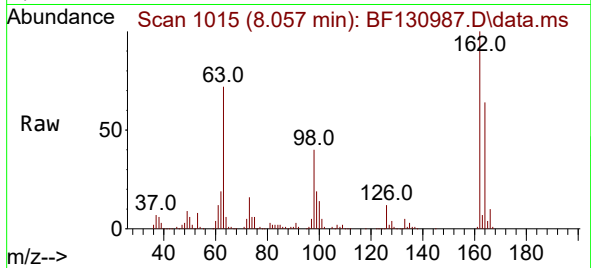
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS



Tgt Ion:162 Resp: 220114

Ion Ratio Lower Upper

162 100

164 64.0 43.2 83.2

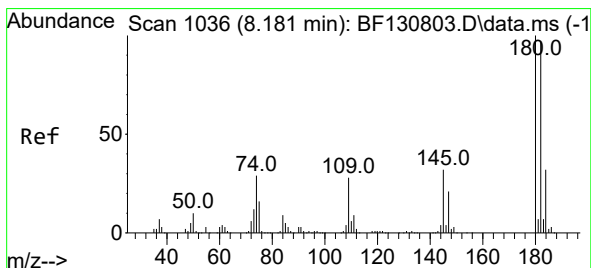
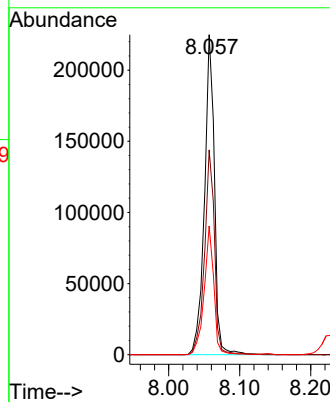
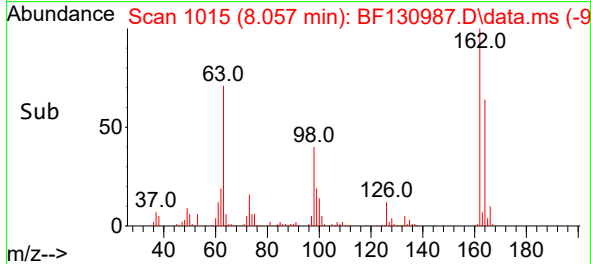
98 40.2 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.772 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

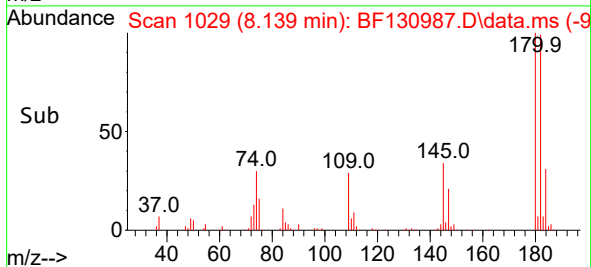
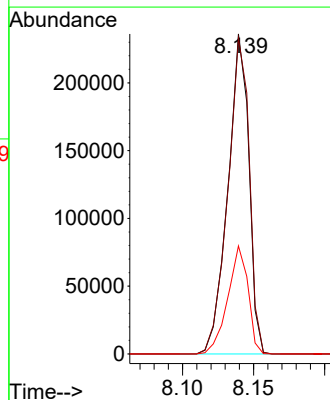
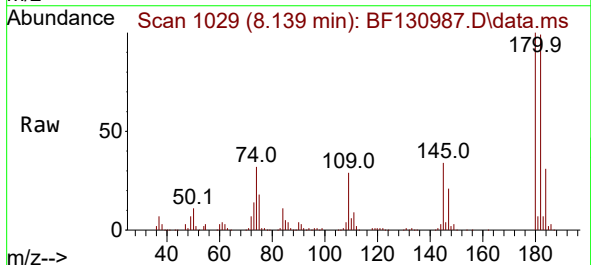
Tgt Ion:180 Resp: 242178

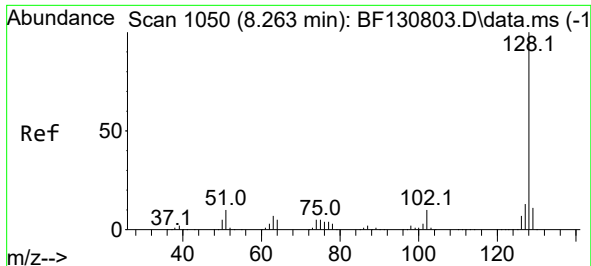
Ion Ratio Lower Upper

180 100

182 98.8 77.7 116.5

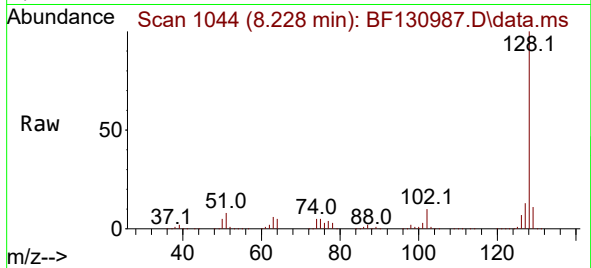
145 33.7 25.9 38.9





#31
Naphthalene
Concen: 42.136 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

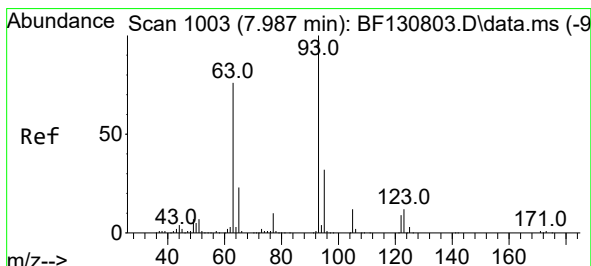
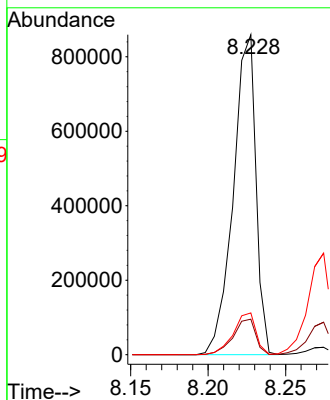
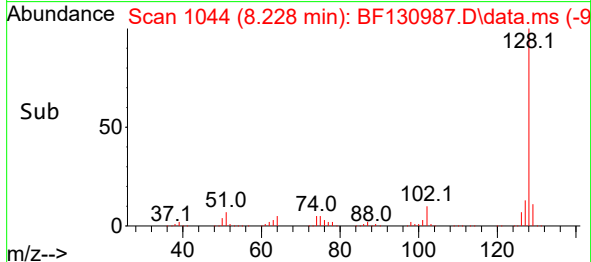
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:128 Resp: 872175
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.6 16.0

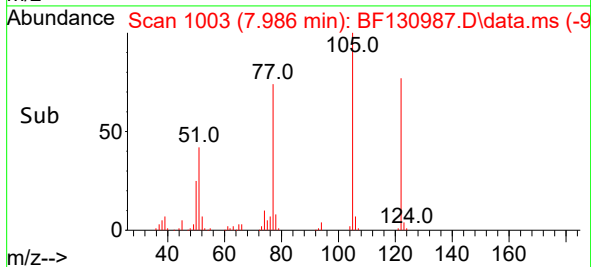
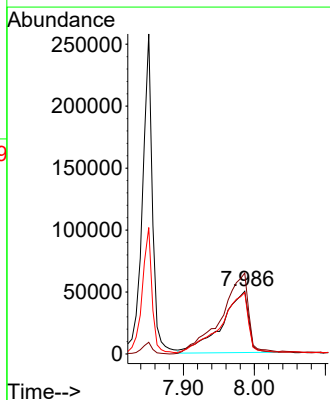
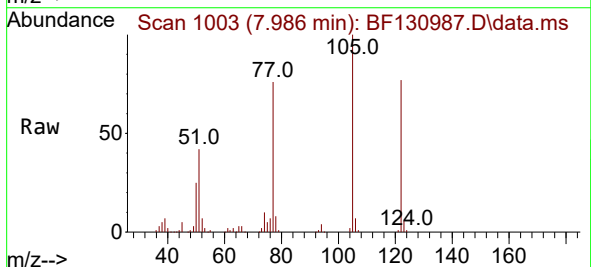
Manual Integrations
APPROVED

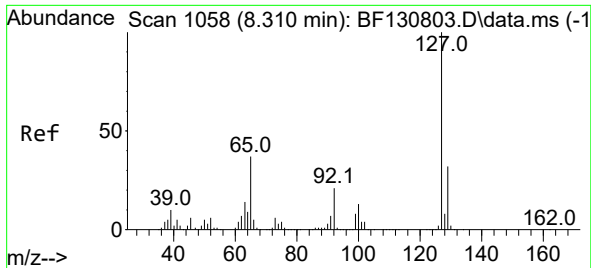
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#32
Benzoic acid
Concen: 35.240 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.023 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:122 Resp: 131667
Ion Ratio Lower Upper
122 100
105 129.0 114.5 154.5
77 98.1 89.8 129.8





#33
4-Chloroaniline
Concen: 35.864 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

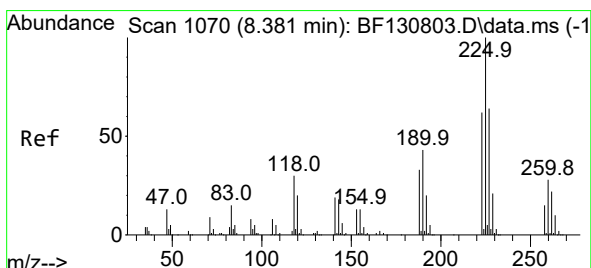
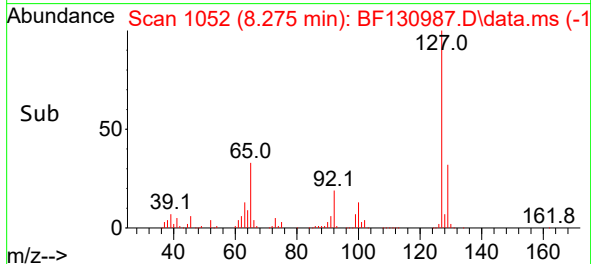
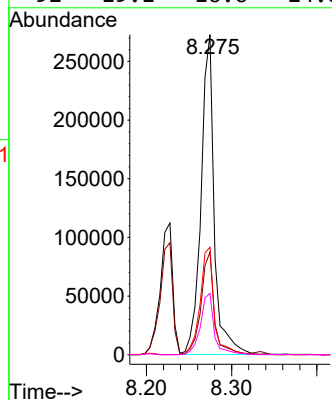
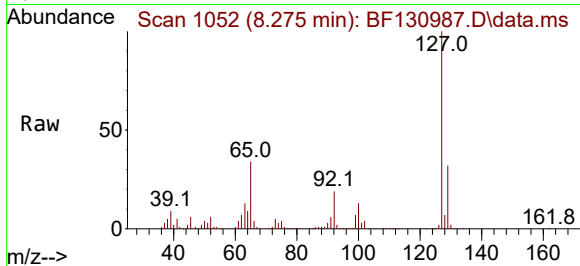
ClientSampleId :

PB148686BS

Tgt Ion:127 Resp: 29334
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 33.6 29.4 44.2
92 19.1 16.6 24.8

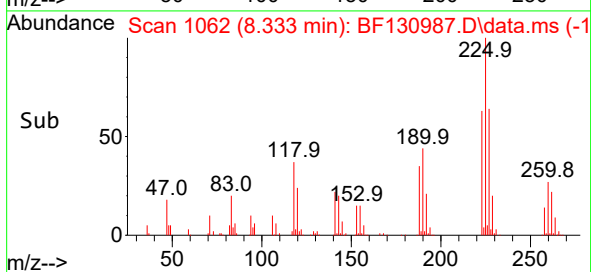
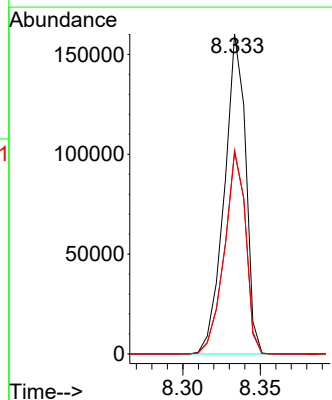
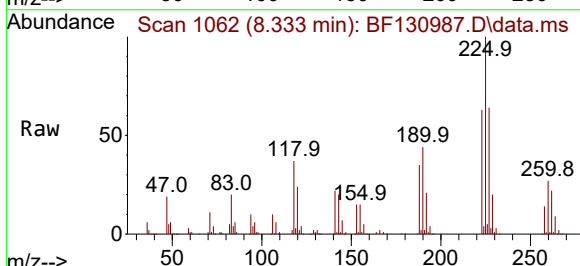
Manual Integrations
APPROVED

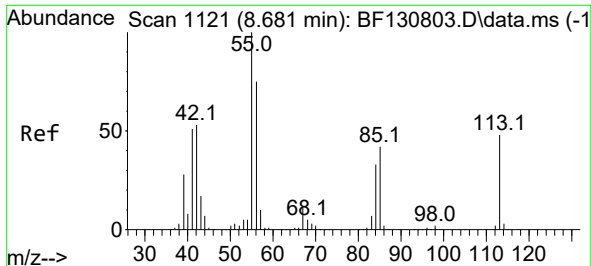
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#34
Hexachlorobutadiene
Concen: 36.965 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

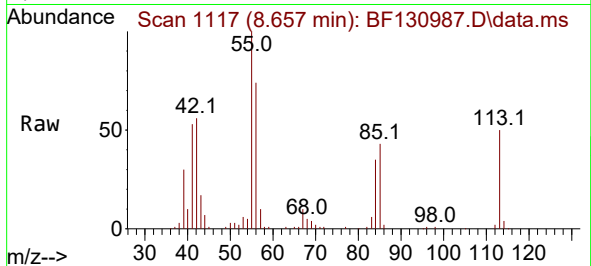
Tgt Ion:225 Resp: 153274
Ion Ratio Lower Upper
225 100
223 63.0 49.9 74.9
227 63.8 51.5 77.3





#35
Caprolactam
Concen: 38.857 ng m
RT: 8.657 min Scan# 1117
Delta R.T. 0.012 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

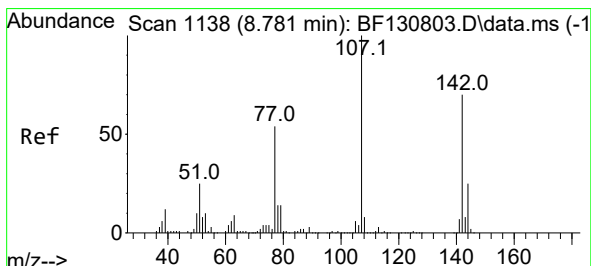
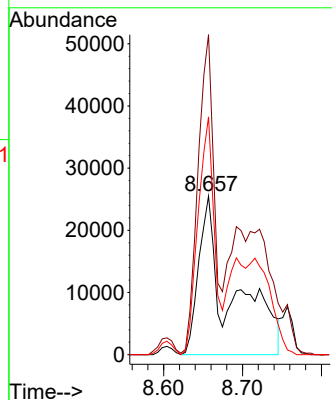
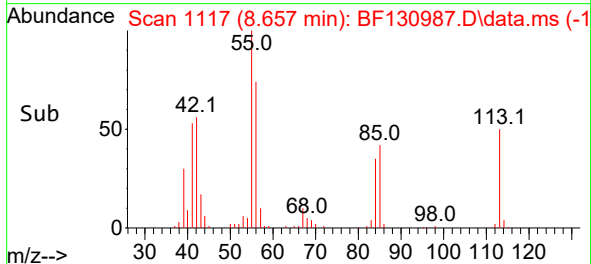
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:113 Resp: 7233
Ion Ratio Lower Upper
113 100
55 201.7 187.0 227.0
56 149.9 134.2 174.2

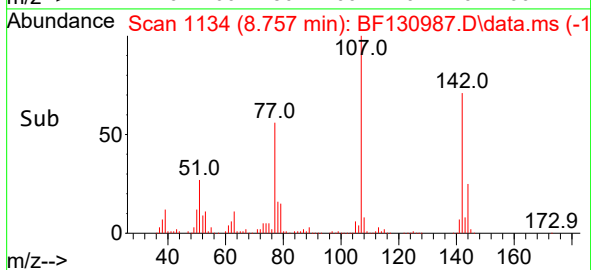
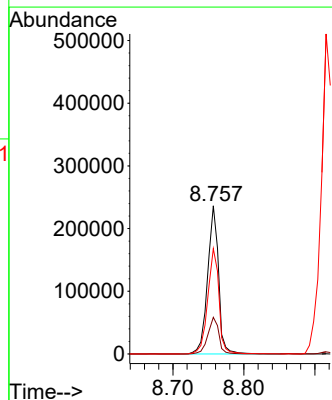
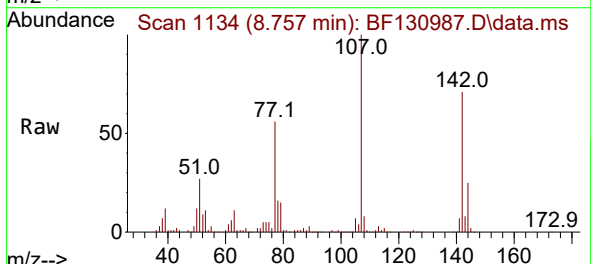
Manual Integrations
APPROVED

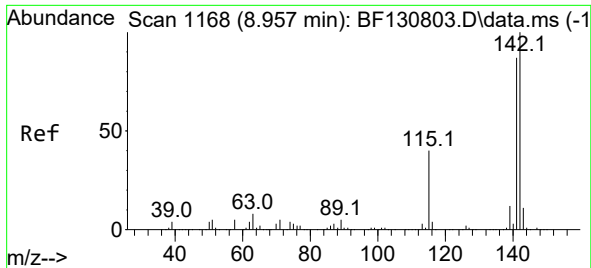
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#36
4-Chloro-3-methylphenol
Concen: 40.227 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

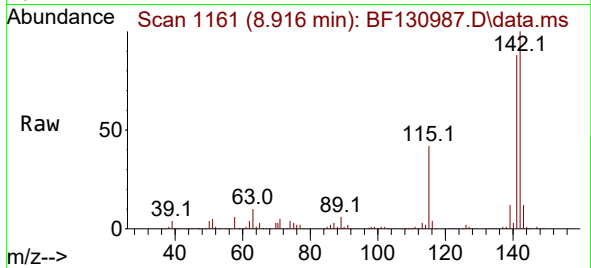
Tgt Ion:107 Resp: 253467
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.8
142 71.1 56.0 84.0





#37
2-Methylnaphthalene
Concen: 39.899 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

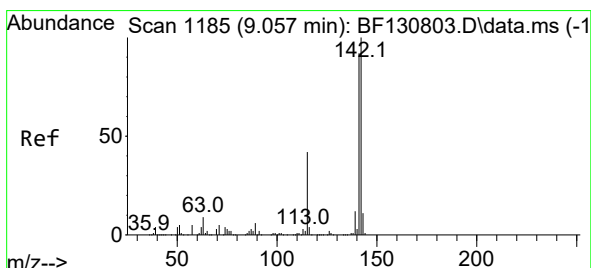
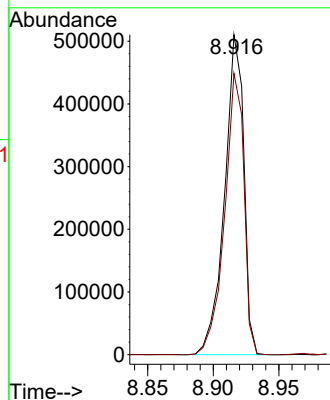
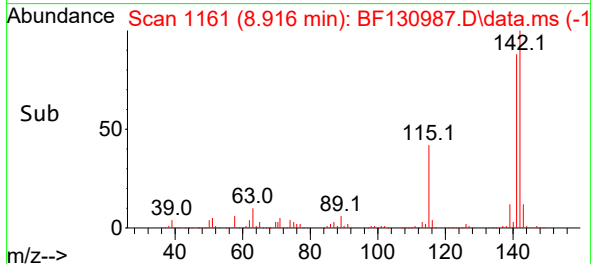
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:142 Resp: 519490
Ion Ratio Lower Upper
142 100
141 87.9 69.9 104.9

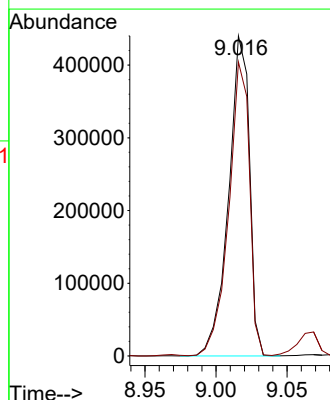
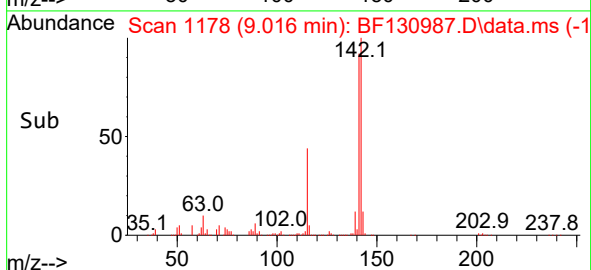
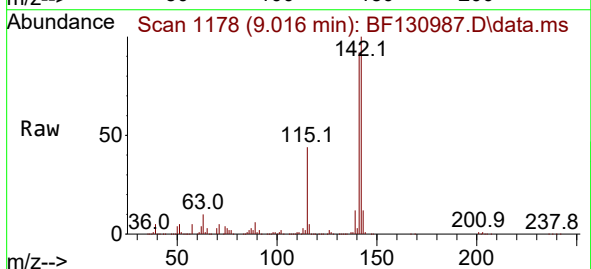
Manual Integrations
APPROVED

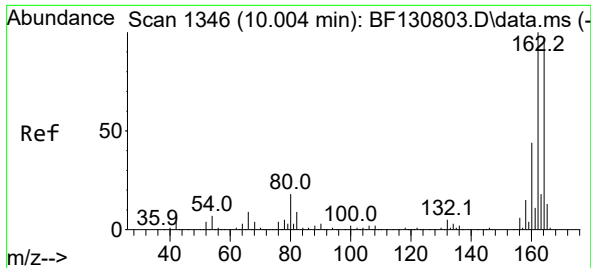
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#38
1-Methylnaphthalene
Concen: 35.451 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

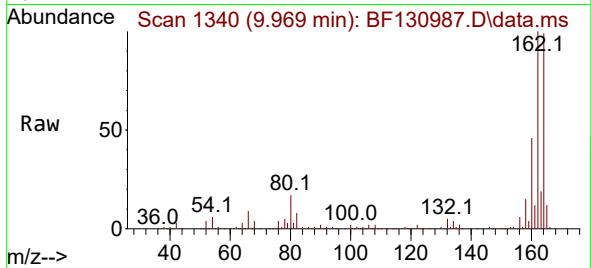
Tgt Ion:142 Resp: 449199
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

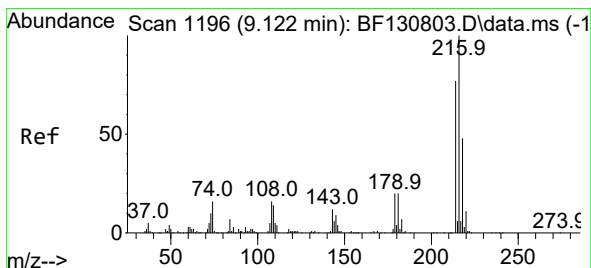
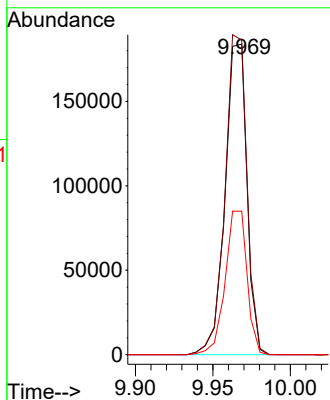
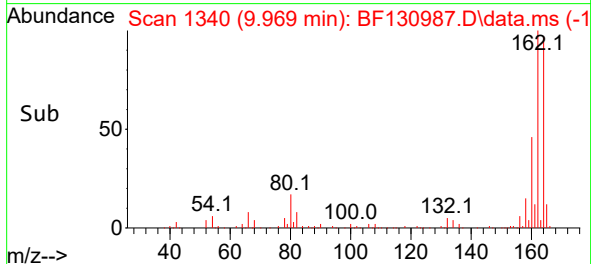
Instrument :
BNA_F
ClientSampleId :
PB148686BS



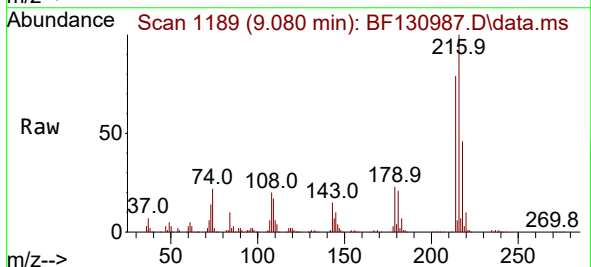
Tgt Ion:164 Resp: 180700
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 46.2 36.6 54.8

Manual Integrations
APPROVED

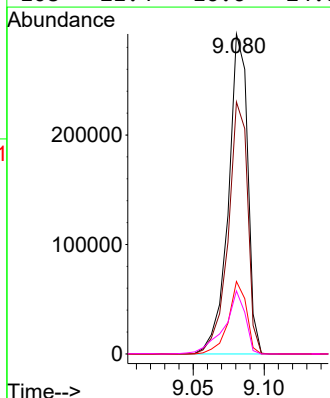
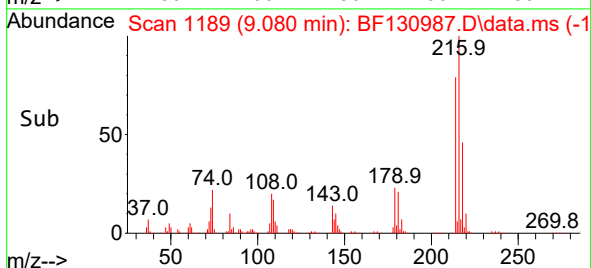
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

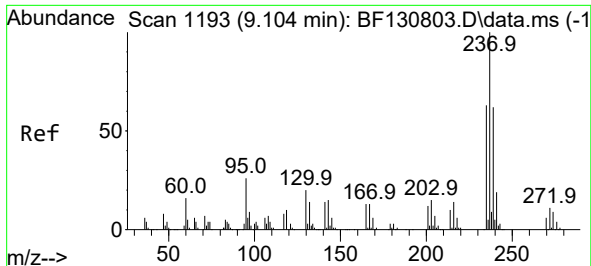


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.005 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



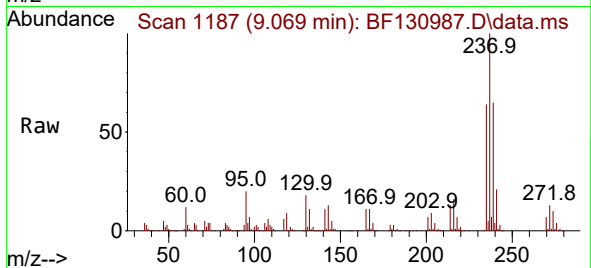
Tgt Ion:216 Resp: 276749
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 21.2 16.9 25.3
108 21.4 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 101.811 ng
RT: 9.069 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

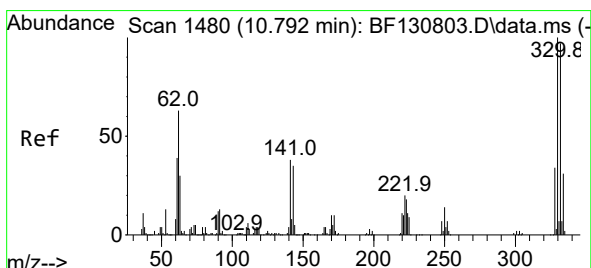
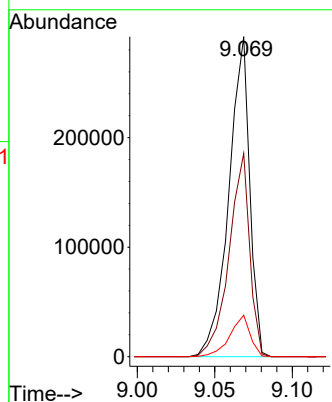
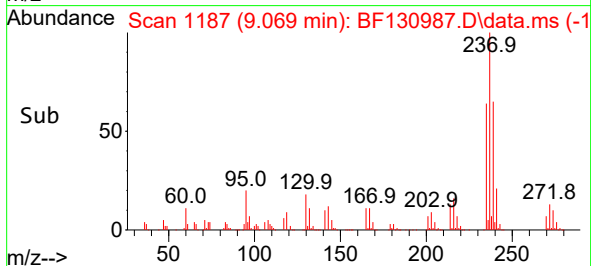
Instrument :
BNA_F
ClientSampleId :
PB148686BS



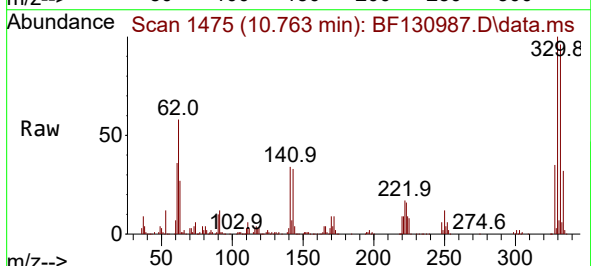
Tgt Ion: 237 Resp: 27413
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.0 0.0 31.4

Manual Integrations
APPROVED

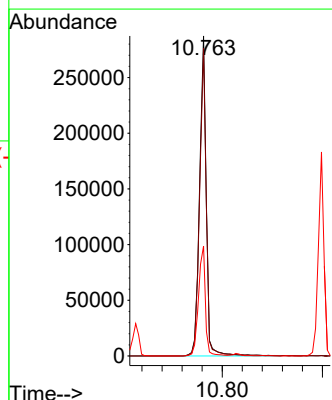
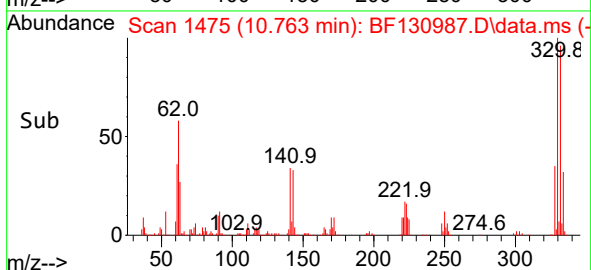
Reviewed By : Christian Giraldo 11/05/2022
Supervised By : Jagrut Upadhyay 11/07/2022

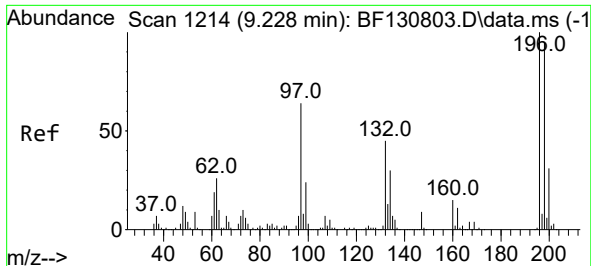


#42
2,4,6-Tribromophenol
Concen: 174.599 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion: 330 Resp: 265597
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 35.3 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 46.594 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.006 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:196 Resp: 165910

Ion Ratio Lower Upper

196 100

198 94.8 76.1 114.1

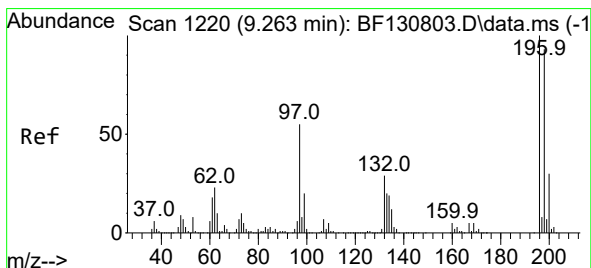
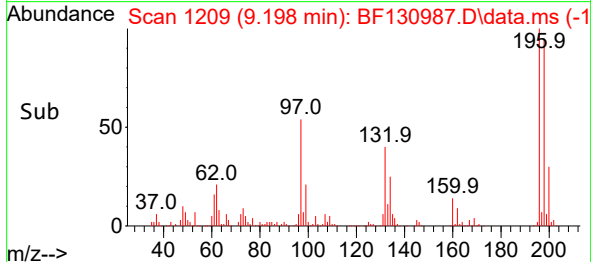
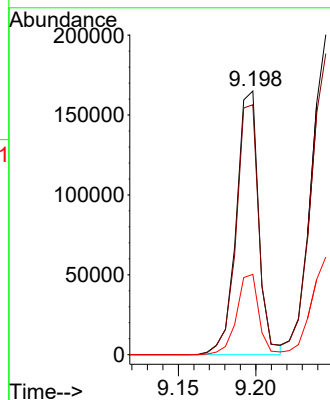
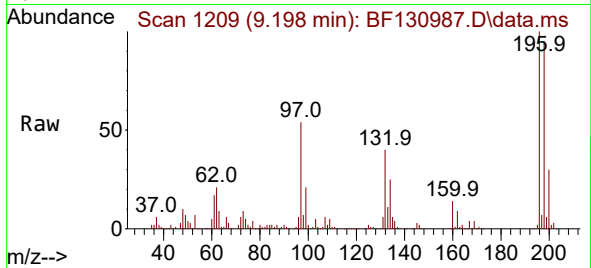
200 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#44

2,4,5-Trichlorophenol

Concen: 54.948 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.012 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Tgt Ion:196 Resp: 209042

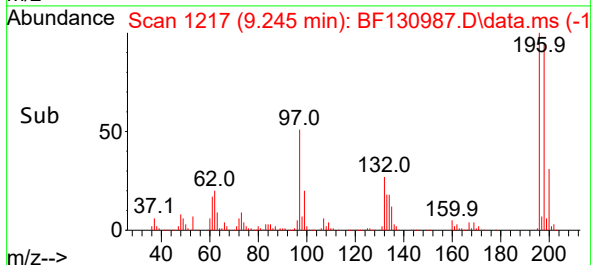
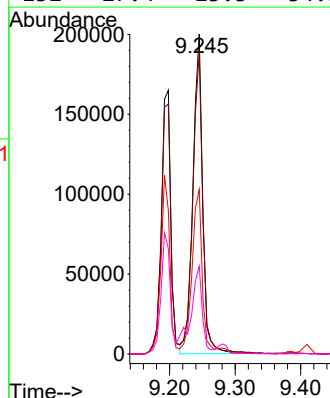
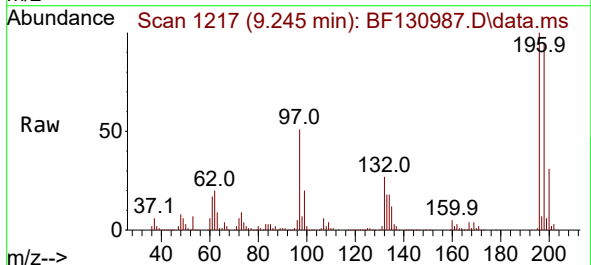
Ion Ratio Lower Upper

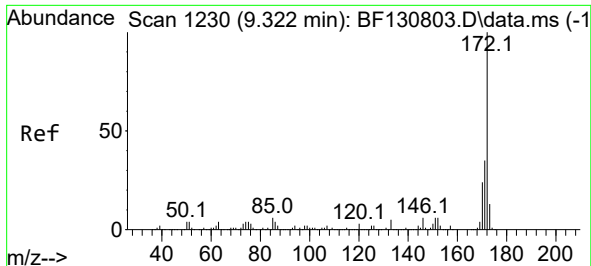
196 100

198 94.1 74.6 112.0

97 51.3 44.7 67.1

132 27.4 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 99.559 ng

RT: 9.280 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:172 Resp: 118997

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

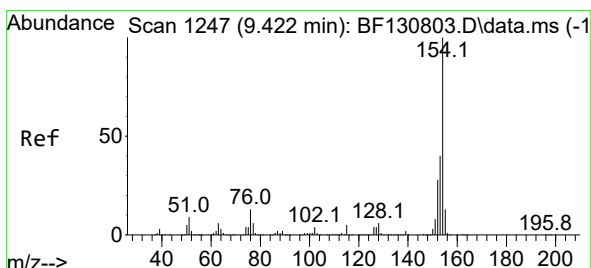
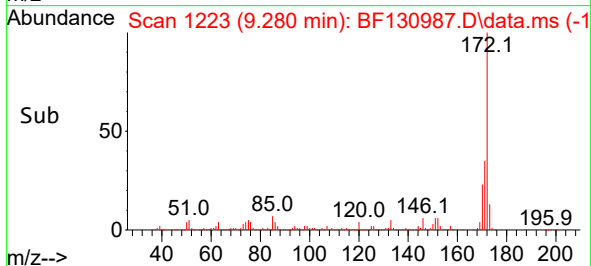
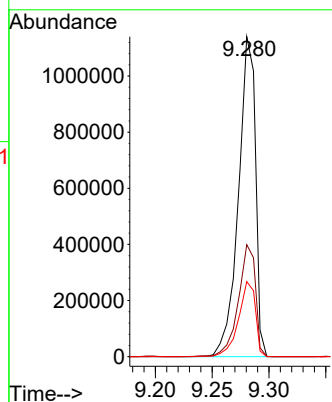
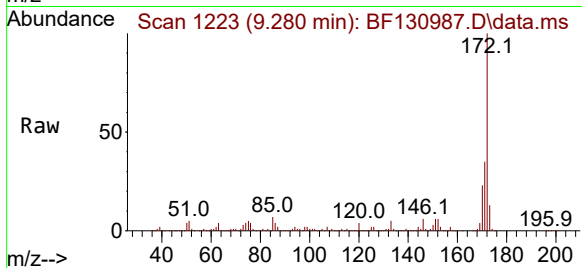
170 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#46

1,1'-Biphenyl

Concen: 51.231 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

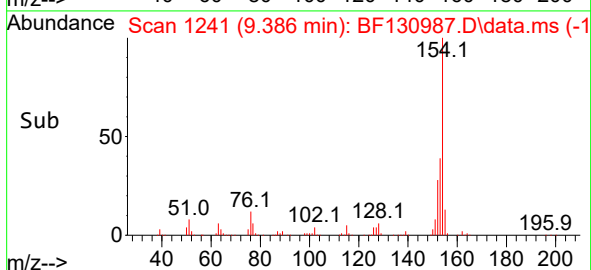
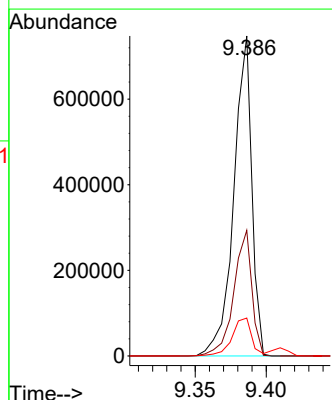
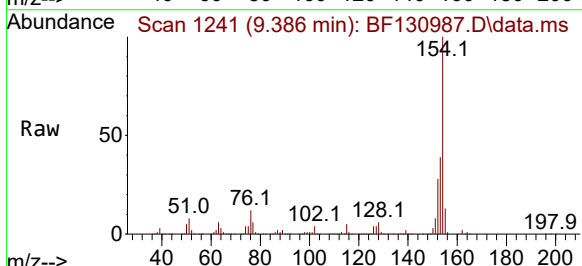
Tgt Ion:154 Resp: 659566

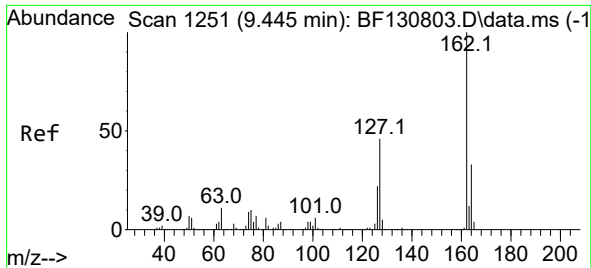
Ion Ratio Lower Upper

154 100

153 39.3 19.9 59.9

76 11.9 0.0 32.5





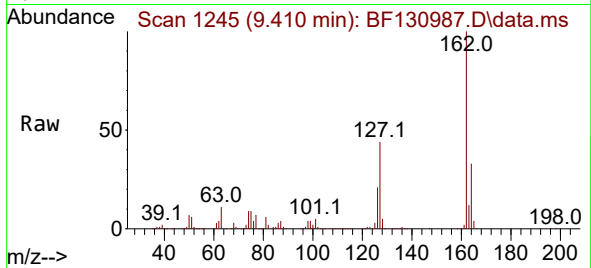
#47
2-Chloronaphthalene
Concen: 47.231 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

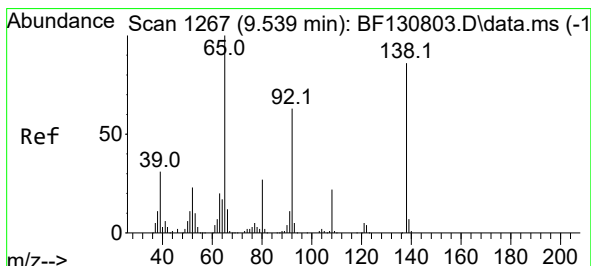
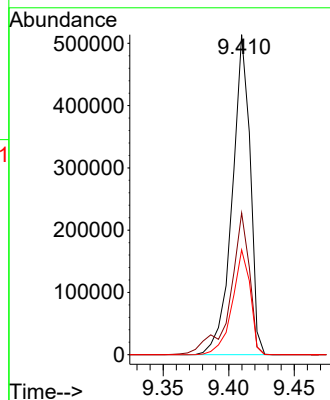
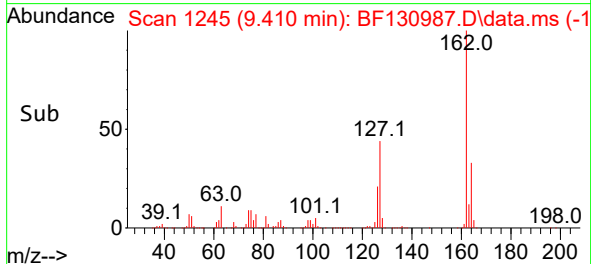


Tgt Ion:162 Resp: 487589
Ion Ratio Lower Upper
162 100
127 44.3 36.6 54.8
164 32.8 26.5 39.7

Manual Integrations

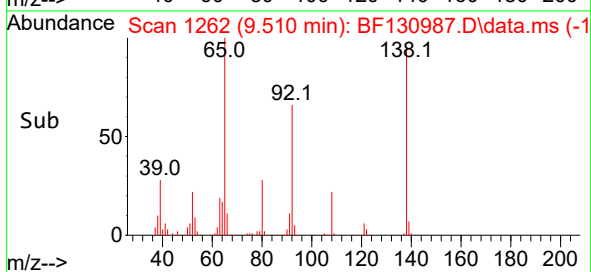
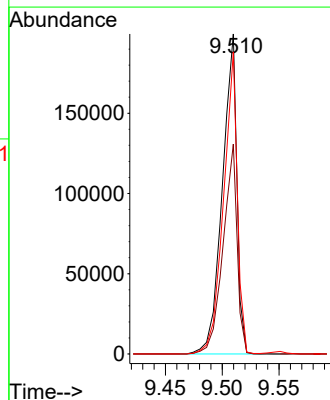
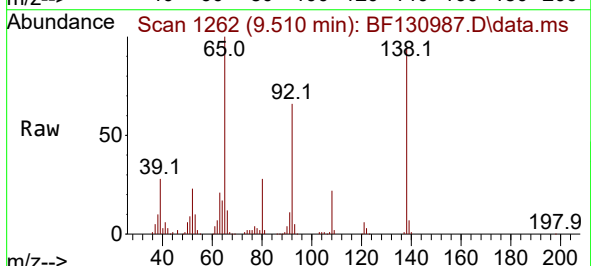
APPROVED

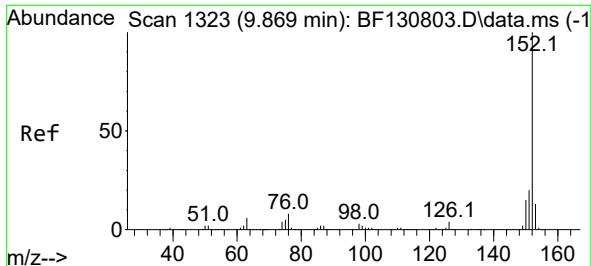
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#48
2-Nitroaniline
Concen: 52.941 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion: 65 Resp: 177291
Ion Ratio Lower Upper
65 100
92 65.6 50.1 75.1
138 94.4 69.2 103.8





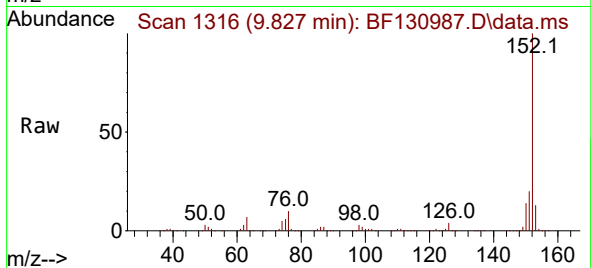
#49
Acenaphthylene
Concen: 45.949 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

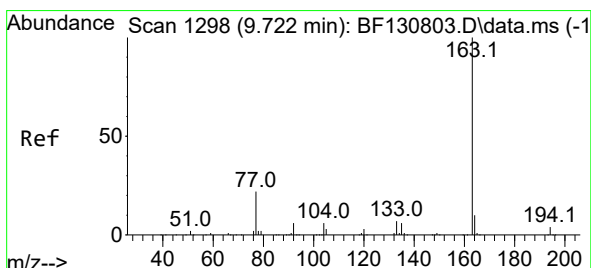
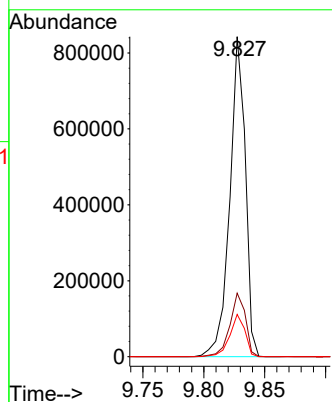
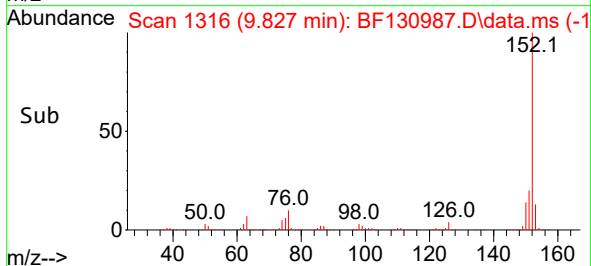


Tgt Ion:152 Resp: 74960
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.2 10.2 15.4

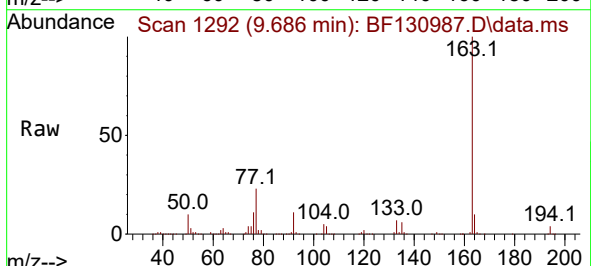
Manual Integrations

APPROVED

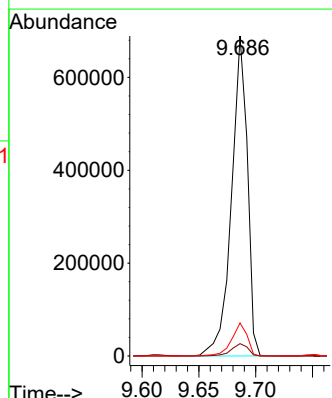
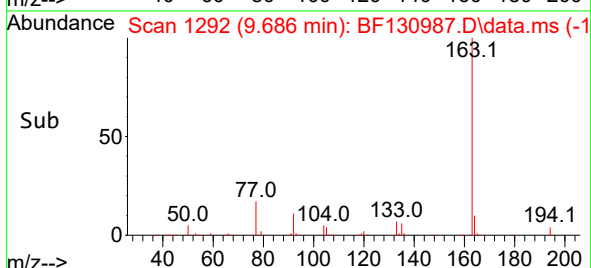
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

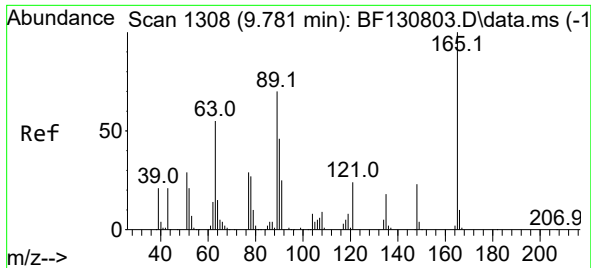


#50
Dimethylphthalate
Concen: 53.796 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



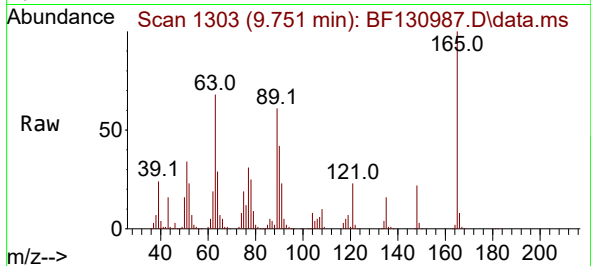
Tgt Ion:163 Resp: 667716
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 56.018 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

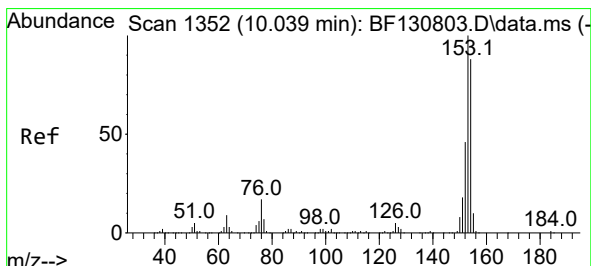
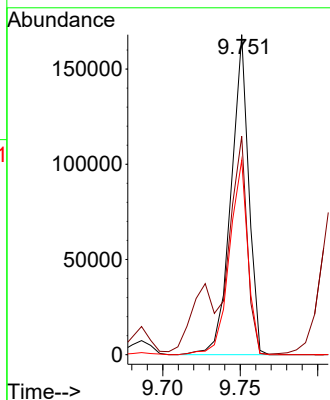
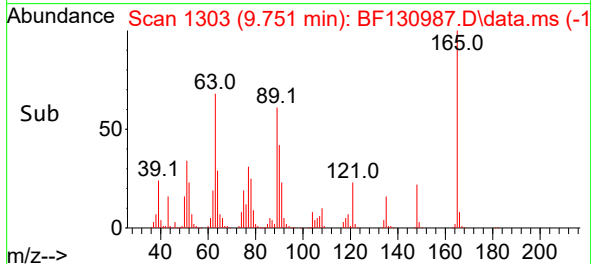
Instrument :
BNA_F
ClientSampleId :
PB148686BS



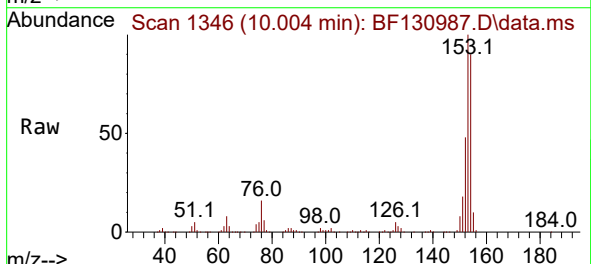
Tgt Ion:165 Resp: 133338
Ion Ratio Lower Upper
165 100
63 68.3 61.8 92.8
89 60.8 56.2 84.4

Manual Integrations
APPROVED

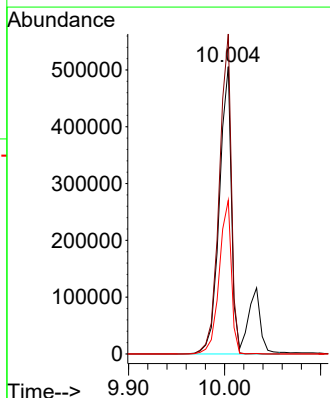
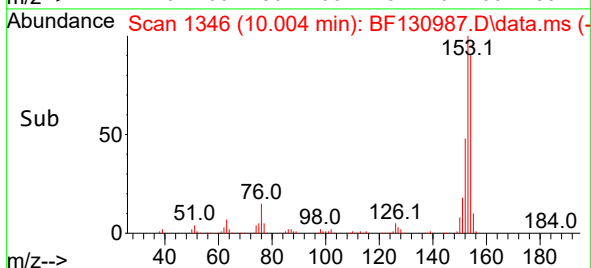
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

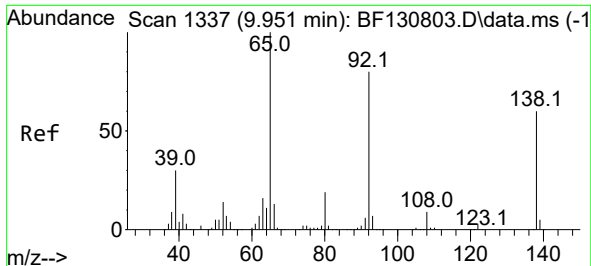


#52
Acenaphthene
Concen: 53.766 ng m
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion:154 Resp: 542370
Ion Ratio Lower Upper
154 100
153 111.3 90.5 135.7
152 53.4 42.0 63.0





#53
3-Nitroaniline
Concen: 44.447 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

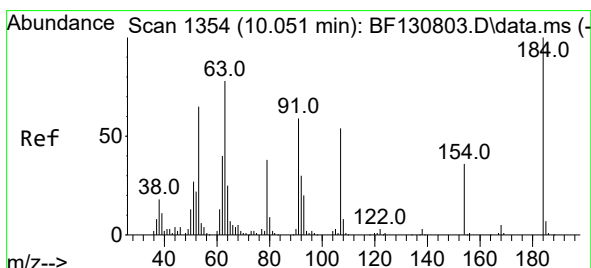
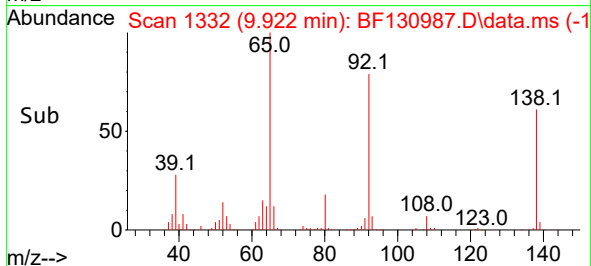
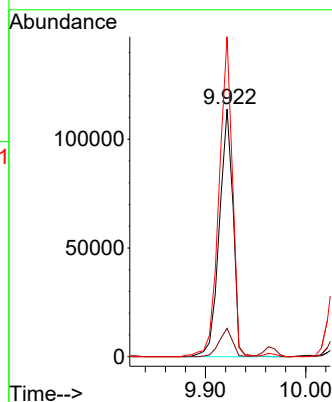
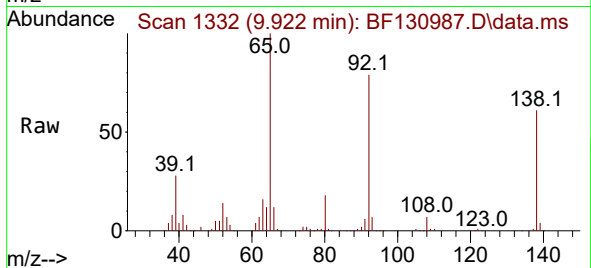
PB148686BS

Tgt Ion:138 Resp: 10745
Ion Ratio Lower Upper
138 100
108 11.5 12.7 19.1
92 129.3 107.8 161.8

Manual Integrations

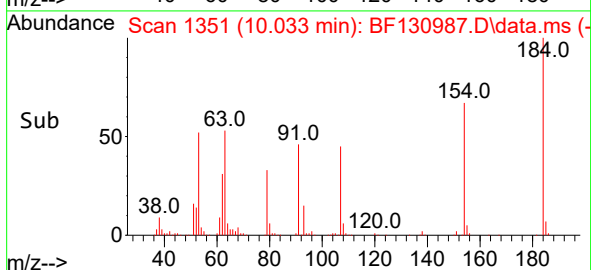
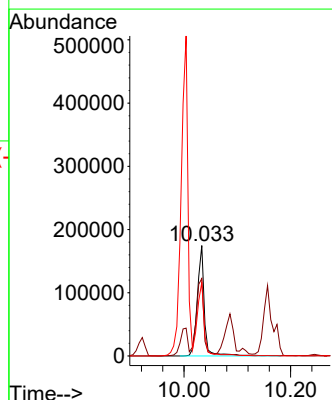
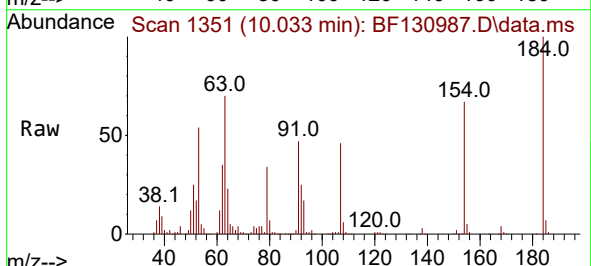
APPROVED

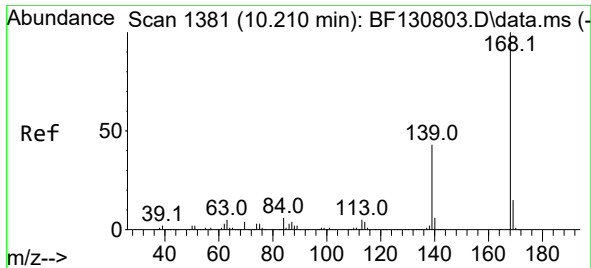
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#54
2,4-Dinitrophenol
Concen: 117.884 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:184 Resp: 162802
Ion Ratio Lower Upper
184 100
63 70.1 66.7 100.1
154 66.7 62.2 93.2





#55
Dibenzofuran
Concen: 43.320 ng
RT: 10.174 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

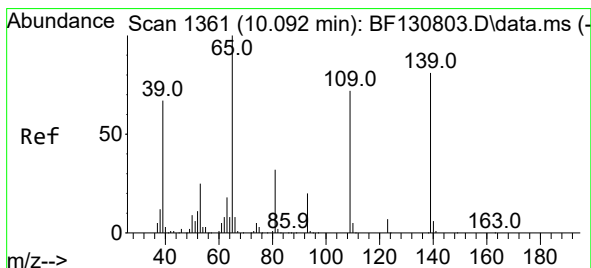
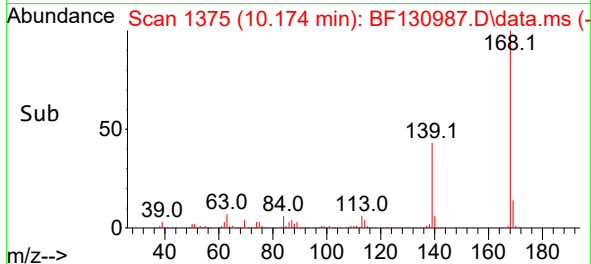
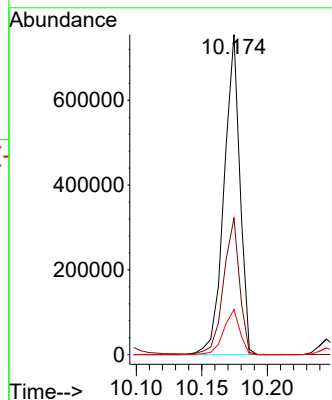
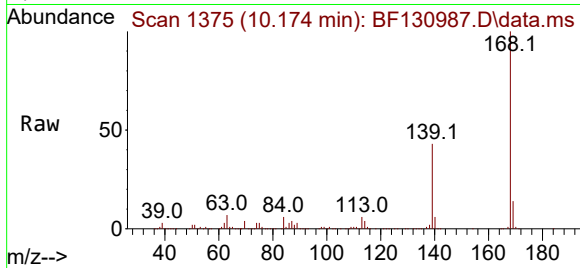
PB148686BS

Tgt Ion:168 Resp: 633410
Ion Ratio Lower Upper
168 100
139 42.7 34.3 51.5
169 14.1 11.9 17.9

Manual Integrations

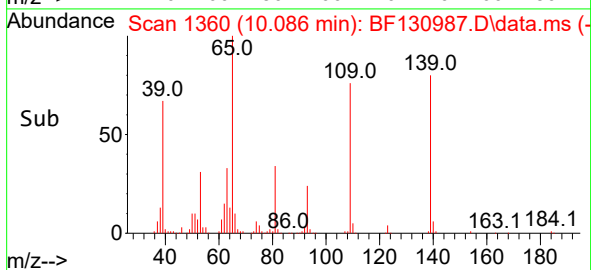
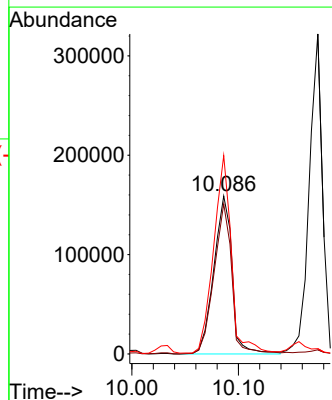
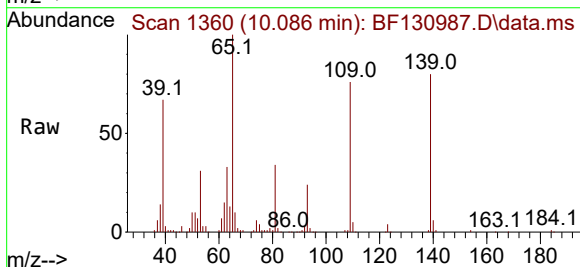
APPROVED

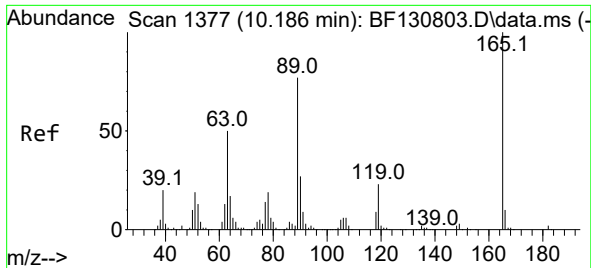
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#56
4-Nitrophenol
Concen: 99.201 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.017 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

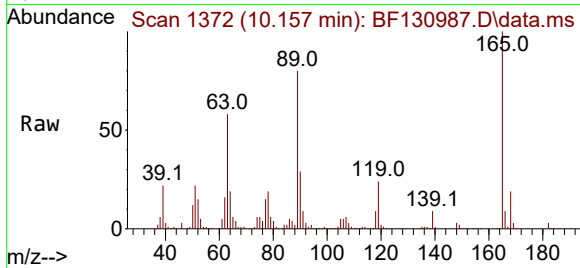
Tgt Ion:139 Resp: 189893
Ion Ratio Lower Upper
139 100
109 95.0 69.3 109.3
65 125.6 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 57.117 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

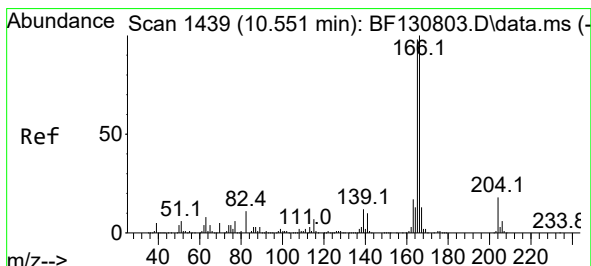
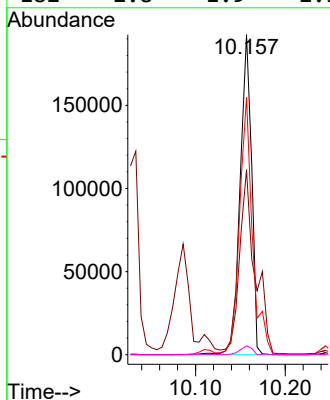
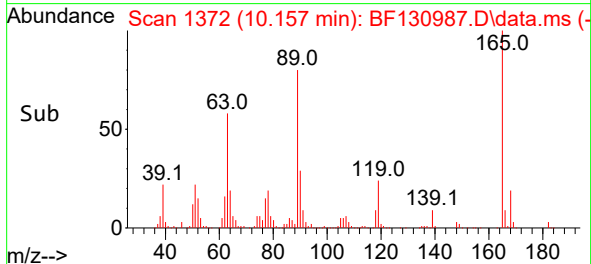
Instrument :
BNA_F
ClientSampleId :
PB148686BS



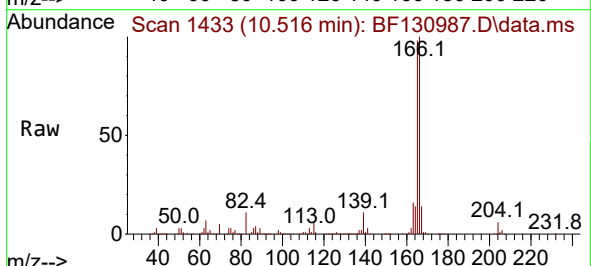
Tgt Ion:165 Resp: 171584
Ion Ratio Lower Upper
165 100
63 57.8 39.8 59.6
89 80.4 61.9 92.9
182 2.8 1.9 2.9

Manual Integrations
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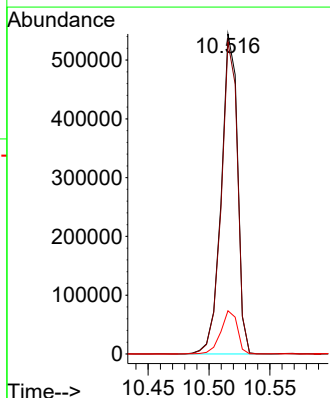
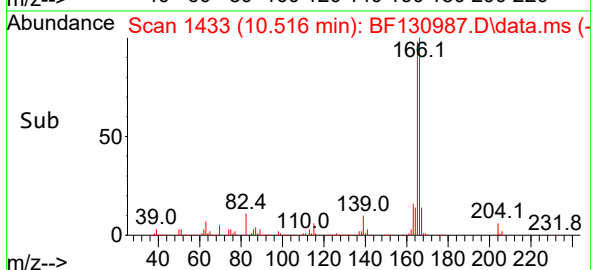
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

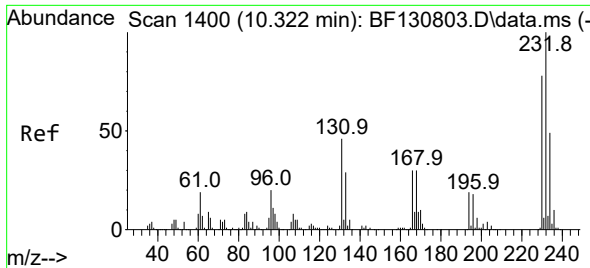


#58
Fluorene
Concen: 44.068 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



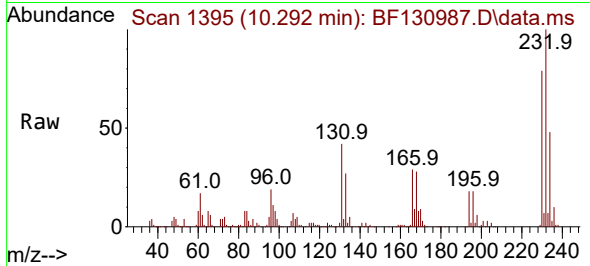
Tgt Ion:166 Resp: 507376
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.222 ng
RT: 10.292 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

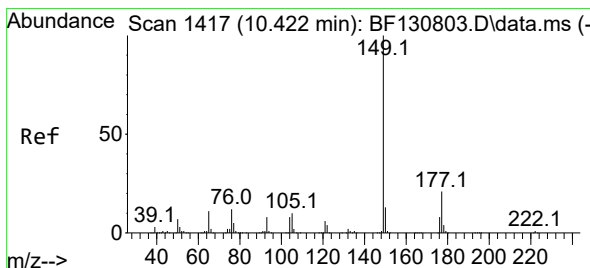
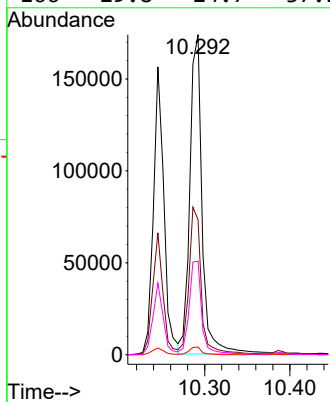
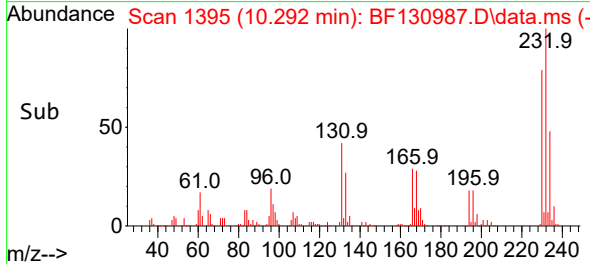
Instrument :
BNA_F
ClientSampleId :
PB148686BS



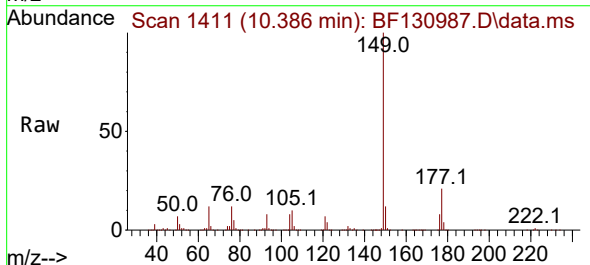
Tgt Ion:232 Resp: 173204
Ion Ratio Lower Upper
232 100
131 45.2 39.6 59.4
130 2.4 2.1 3.1
166 29.8 24.7 37.1

Manual Integrations
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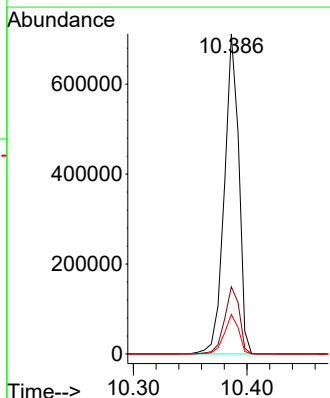
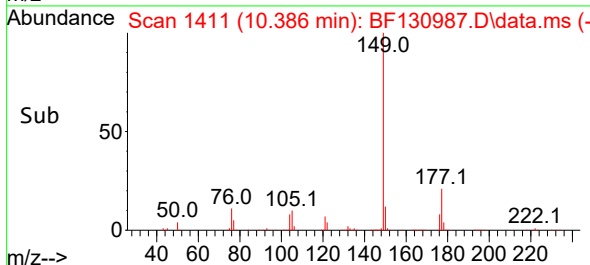
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

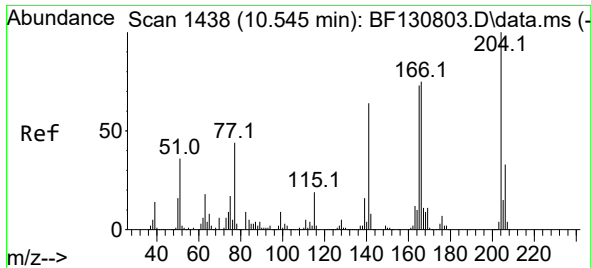


#60
Diethylphthalate
Concen: 51.551 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



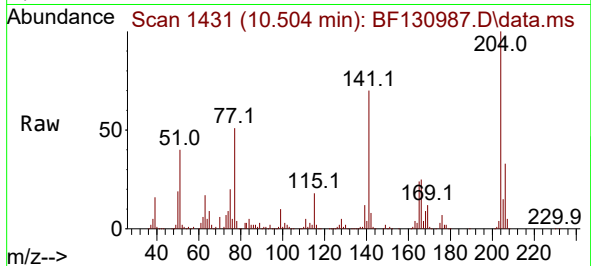
Tgt Ion:149 Resp: 629273
Ion Ratio Lower Upper
149 100
177 21.0 17.2 25.8
150 12.4 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 46.563 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

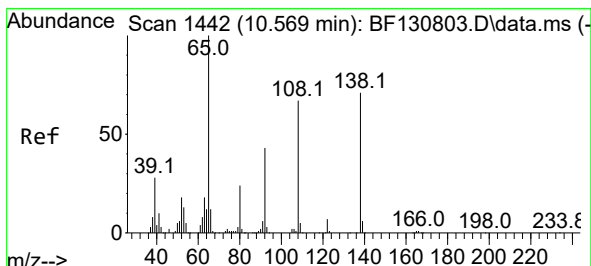
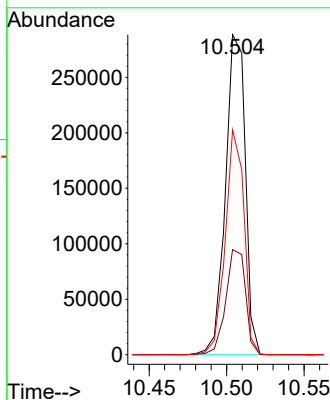
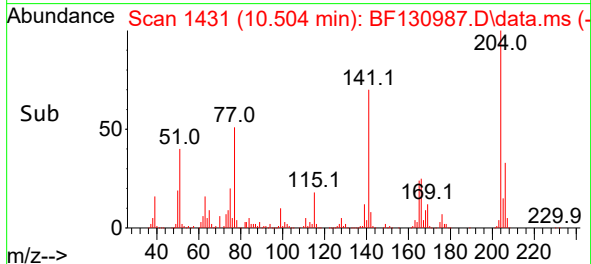
Instrument :
BNA_F
ClientSampleId :
PB148686BS



Tgt Ion:204 Resp: 25646
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 70.2 51.3 76.9

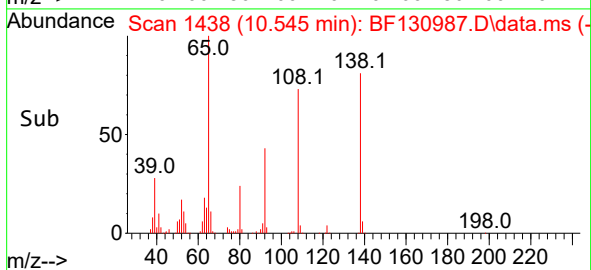
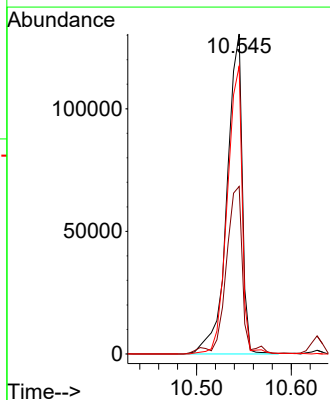
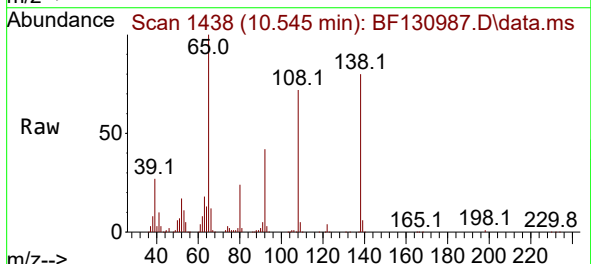
Manual Integrations
APPROVED

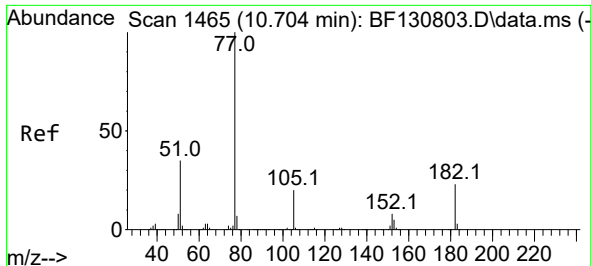
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#62
4-Nitroaniline
Concen: 59.949 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

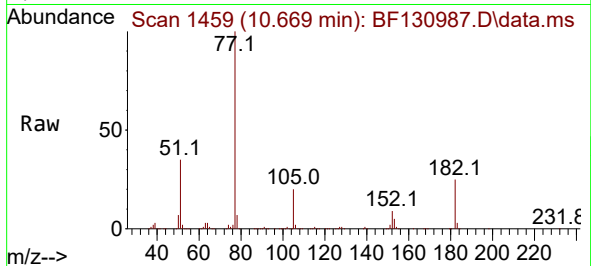
Tgt Ion:138 Resp: 146756
Ion Ratio Lower Upper
138 100
92 52.4 40.6 80.6
108 89.9 74.7 114.7





#63
Azobenzene
Concen: 48.900 ng
RT: 10.669 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

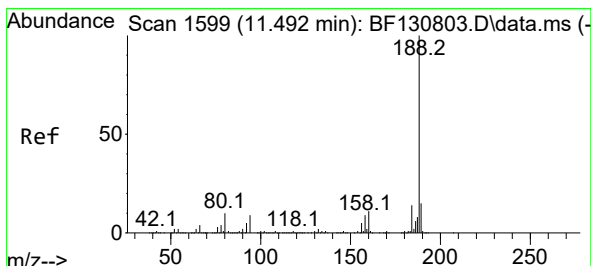
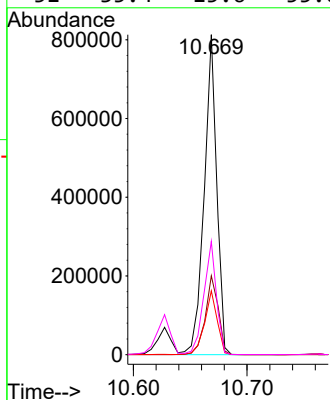
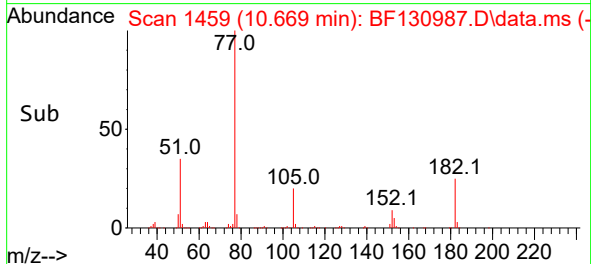
Instrument :
BNA_F
ClientSampleId :
PB148686BS



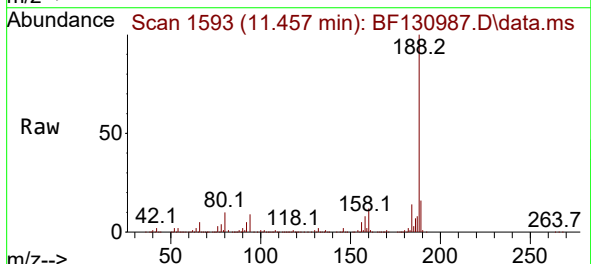
Tgt Ion: 77 Resp: 623097
Ion Ratio Lower Upper
77 100
182 24.7 2.6 42.6
105 19.9 0.0 40.0
51 35.4 15.6 55.6

Manual Integrations
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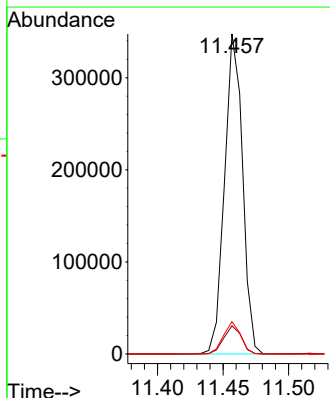
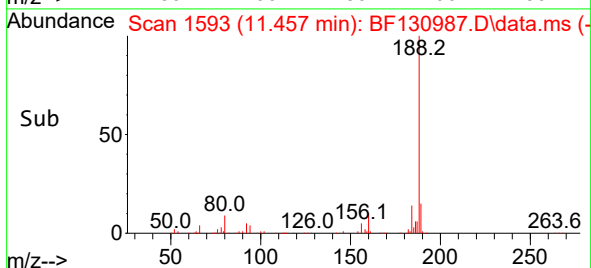
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

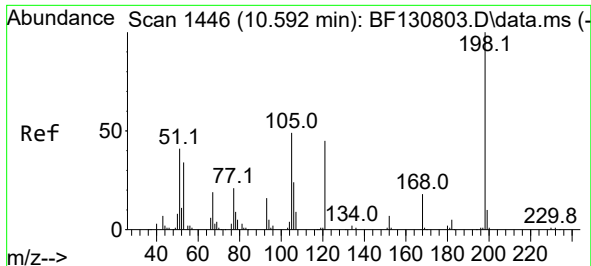


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion:188 Resp: 330999
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 10.1 8.0 12.0





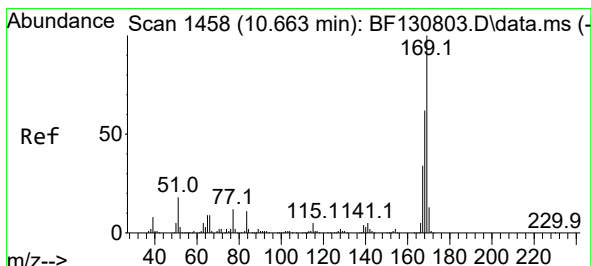
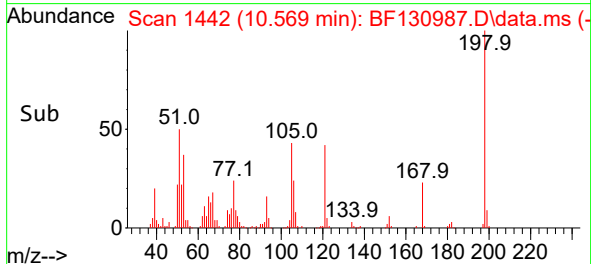
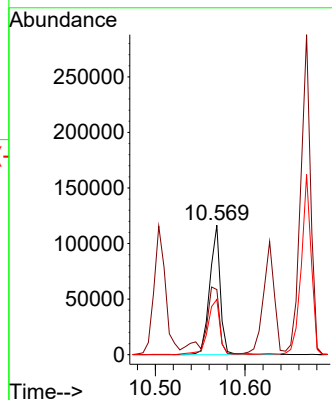
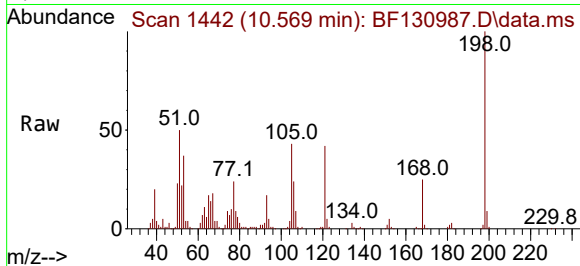
#65
4,6-Dinitro-2-methylphenol
Concen: 65.463 ng
RT: 10.569 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:198 Resp: 95330
Ion Ratio Lower Upper
198 100
51 50.4 39.0 79.0
105 42.7 30.6 70.6

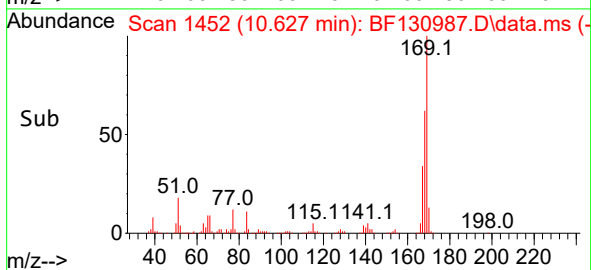
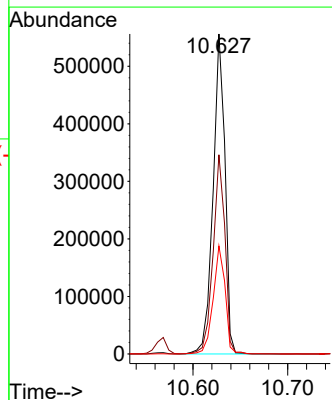
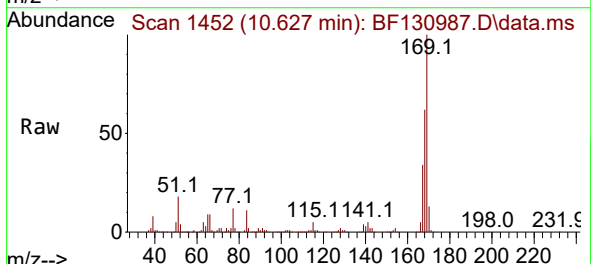
Manual Integrations
APPROVED

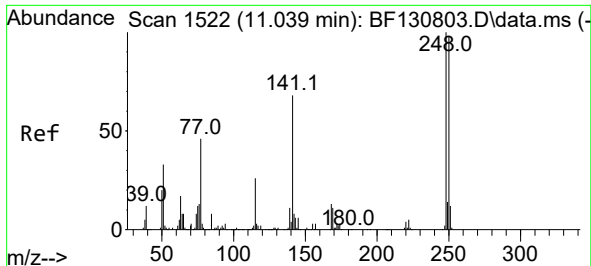
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#66
n-Nitrosodiphenylamine
Concen: 46.790 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:169 Resp: 483076
Ion Ratio Lower Upper
169 100
168 62.3 49.4 74.0
167 33.8 27.4 41.2





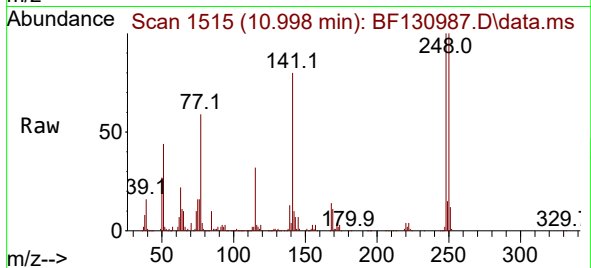
#67
4-Bromophenyl-phenylether
Concen: 54.402 ng
RT: 10.998 min Scan# 11098
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

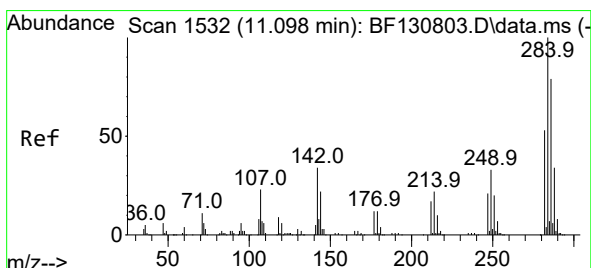
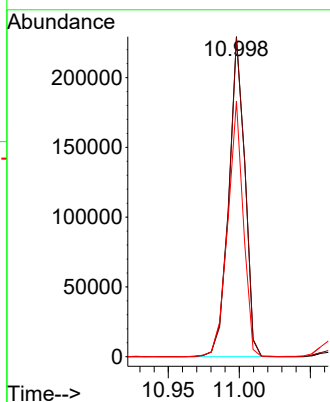
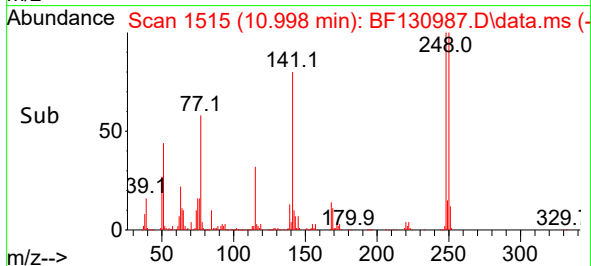


Tgt Ion:248 Resp: 181090
Ion Ratio Lower Upper
248 100
250 99.7 78.6 117.8
141 79.9 54.2 81.4

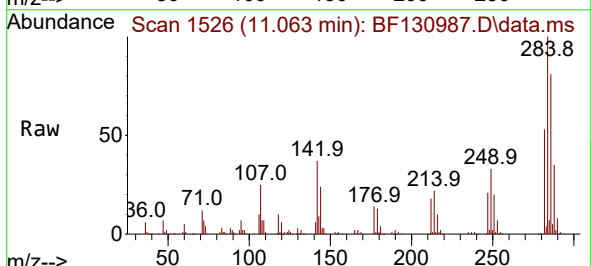
Manual Integrations

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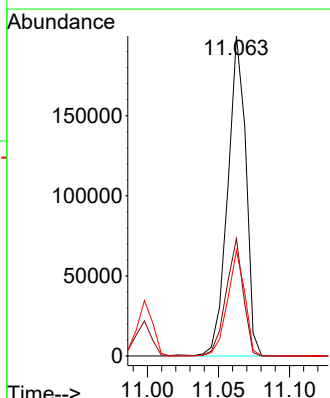
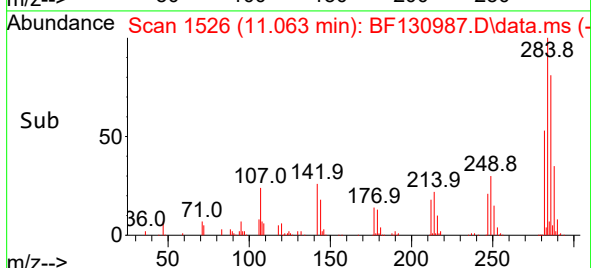
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

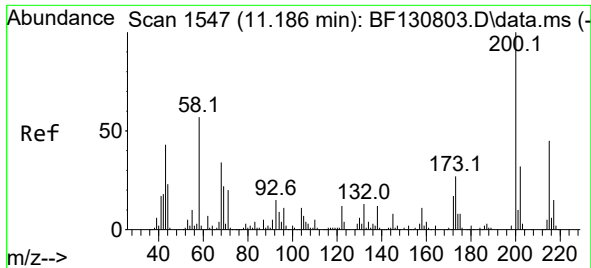


#68
Hexachlorobenzene
Concen: 48.371 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



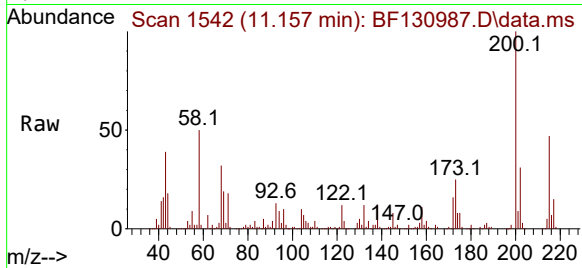
Tgt Ion:284 Resp: 177402
Ion Ratio Lower Upper
284 100
142 36.6 27.1 40.7
249 32.9 26.6 39.8





#69
 Atrazine
 Concen: 54.852 ng
 RT: 11.157 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130987.D
 Acq: 04 Nov 2022 12:15

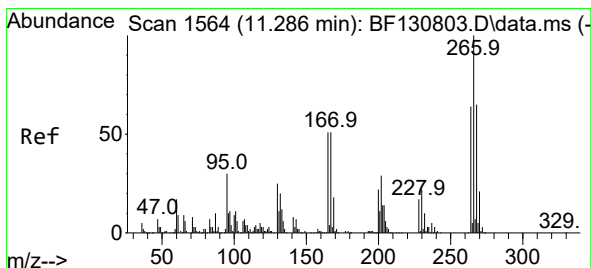
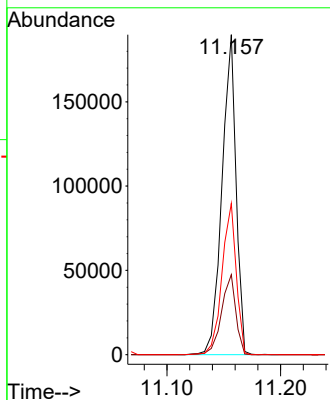
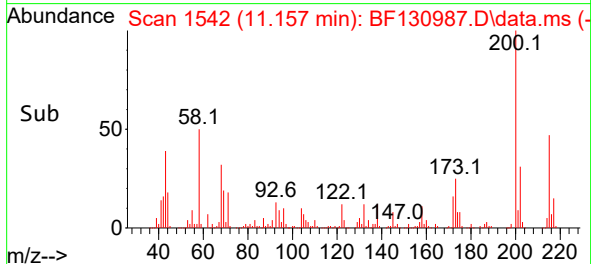
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



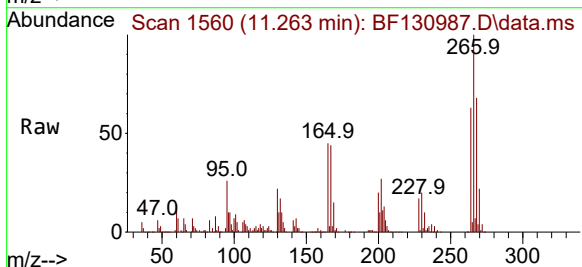
Tgt Ion:200 Resp: 163540
 Ion Ratio Lower Upper
 200 100
 173 25.0 7.1 47.1
 215 47.2 25.4 65.4

Manual Integrations
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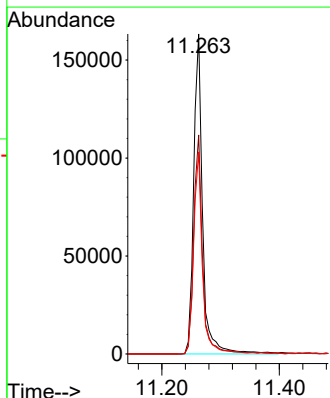
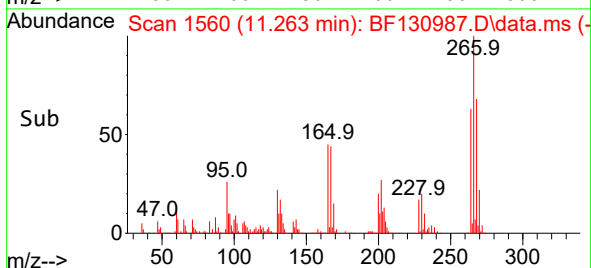
Reviewed By :Christian Giraldo 11/05/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

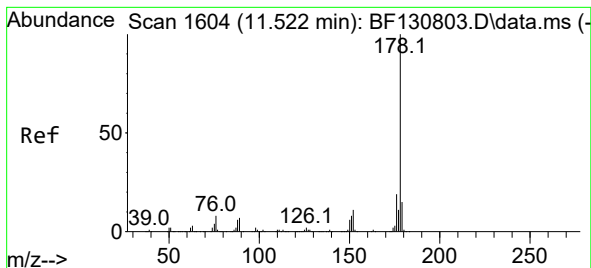


#70
 Pentachlorophenol
 Concen: 81.990 ng
 RT: 11.263 min Scan# 1560
 Delta R.T. 0.006 min
 Lab File: BF130987.D
 Acq: 04 Nov 2022 12:15



Tgt Ion:266 Resp: 171590
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.8 77.6
 264 63.2 51.6 77.4





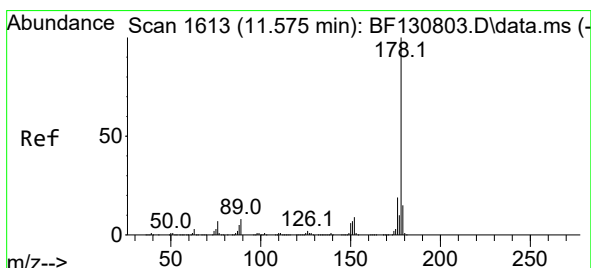
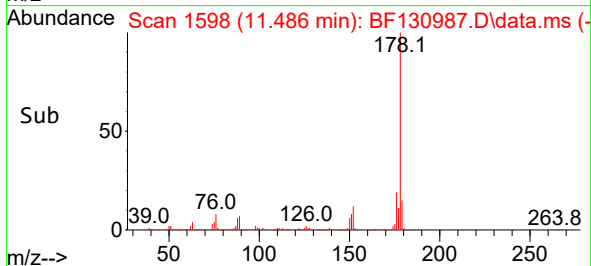
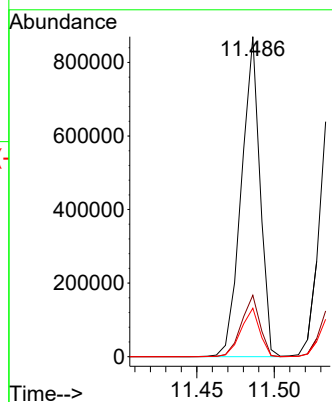
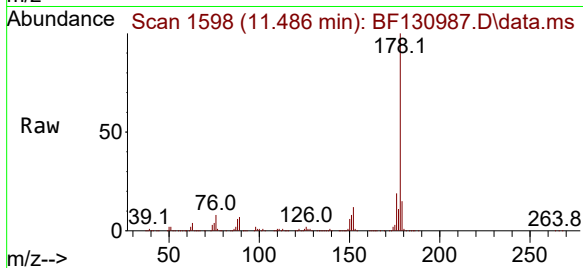
#71
Phenanthrene
Concen: 42.579 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB148686BS

Tgt Ion:178 Resp: 72741
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.1 12.2 18.2

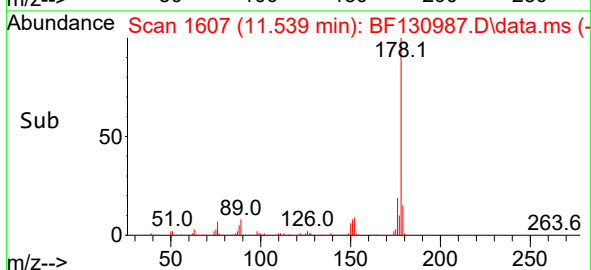
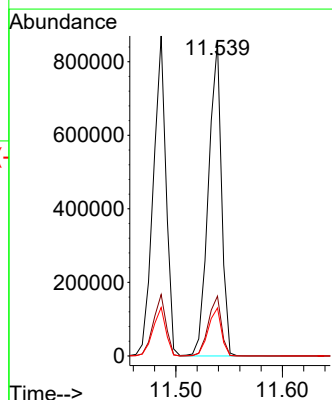
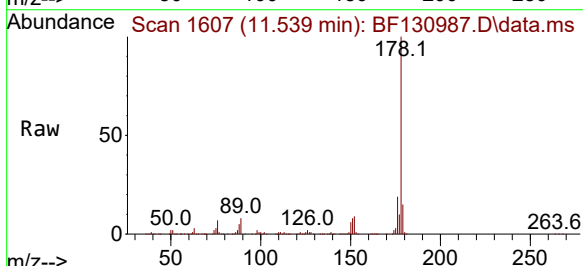
Manual Integrations
APPROVED

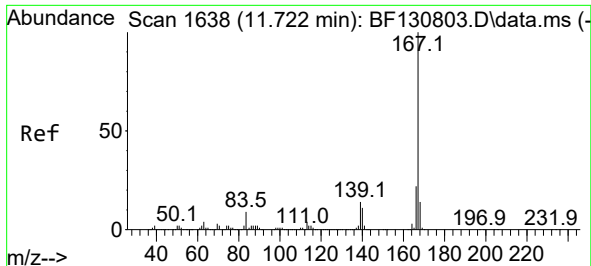
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#72
Anthracene
Concen: 43.259 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

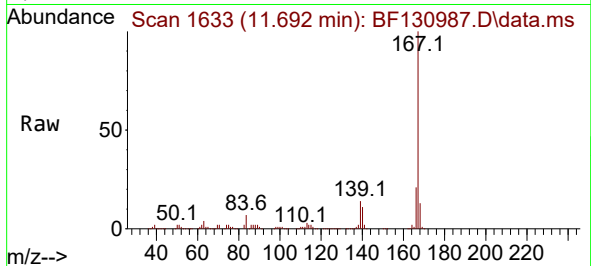
Tgt Ion:178 Resp: 728934
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 43.706 ng
 RT: 11.692 min Scan# 1633
 Delta R.T. 0.006 min
 Lab File: BF130987.D
 Acq: 04 Nov 2022 12:15

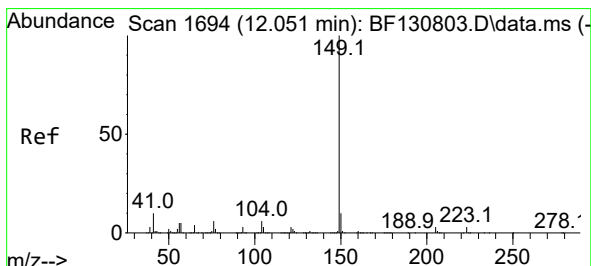
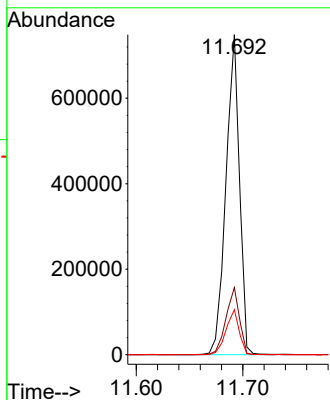
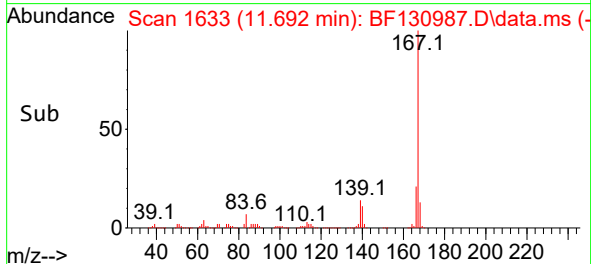
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



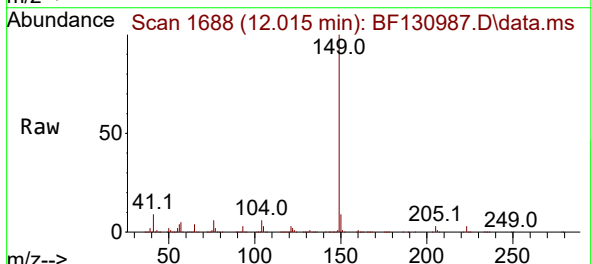
Tgt Ion:167 Resp: 659534
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 14.1 11.3 16.9

Manual Integrations
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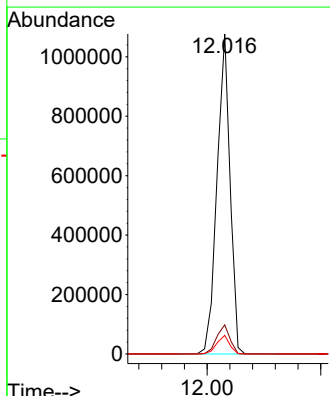
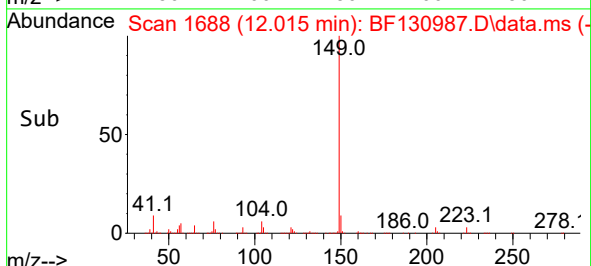
Reviewed By :Christian Giraldo 11/05/2022
 Supervised By :Jagrut Upadhyay 11/07/2022

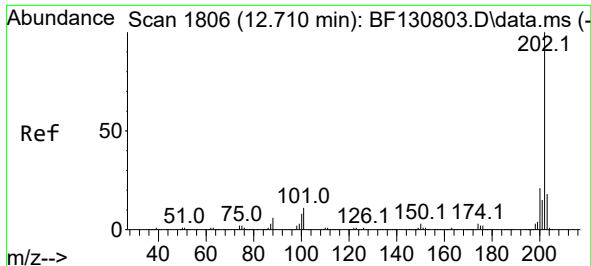


#74
 Di-n-butylphthalate
 Concen: 46.860 ng
 RT: 12.015 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BF130987.D
 Acq: 04 Nov 2022 12:15



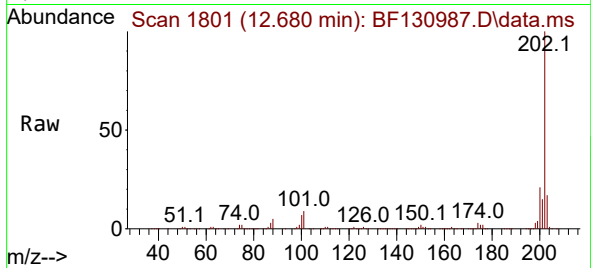
Tgt Ion:149 Resp: 858796
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.8 4.6 6.8





#75
Fluoranthene
Concen: 47.957 ng
RT: 12.680 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

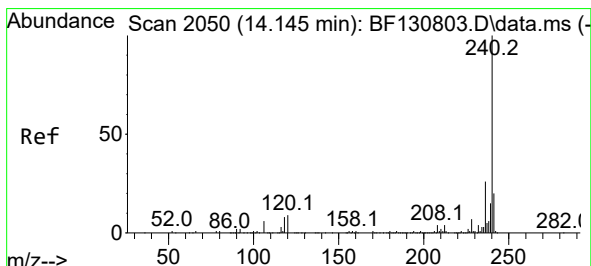
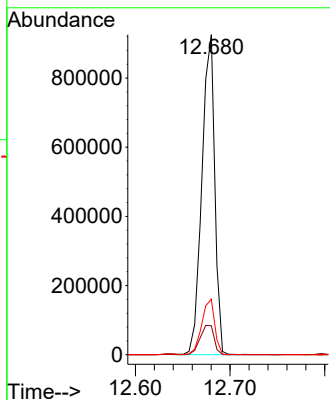
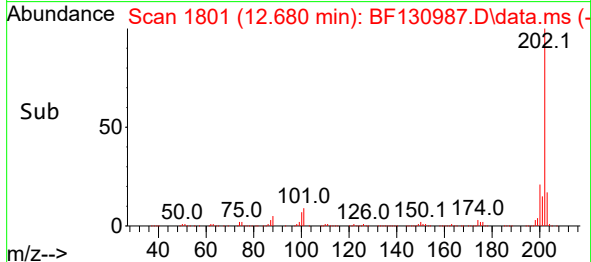
Instrument :
BNA_F
ClientSampleId :
PB148686BS



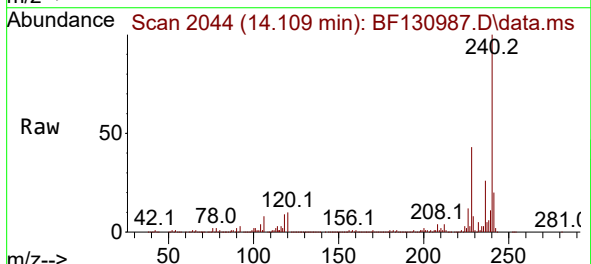
Tgt Ion:202 Resp: 870494
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.9
203 17.3 0.0 37.7

Manual Integrations
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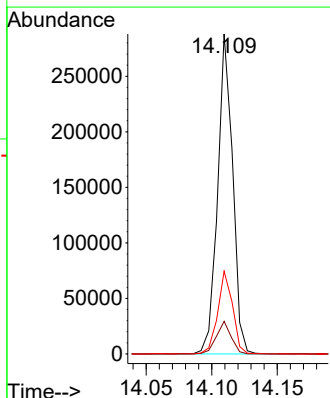
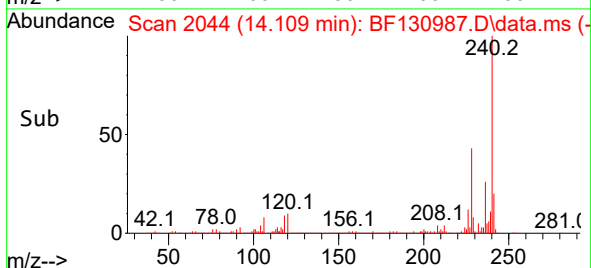
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

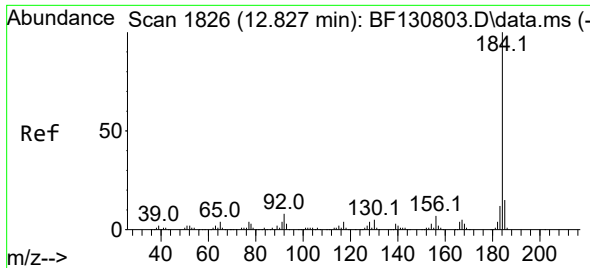


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



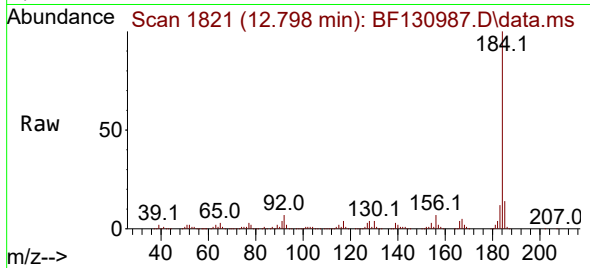
Tgt Ion:240 Resp: 228900
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.4
236 25.8 20.5 30.7





#77
Benzidine
Concen: 51.130 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

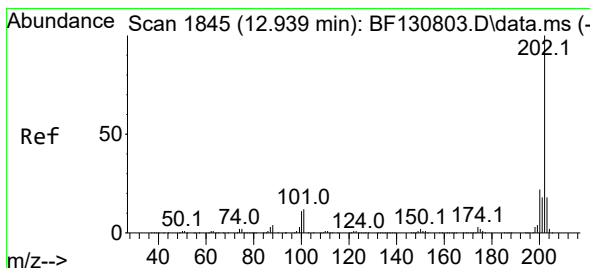
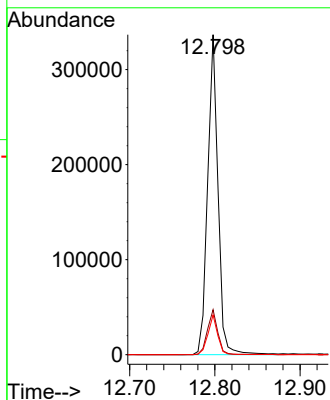
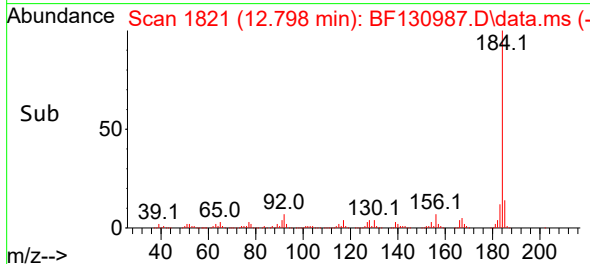
Instrument :
BNA_F
ClientSampleId :
PB148686BS



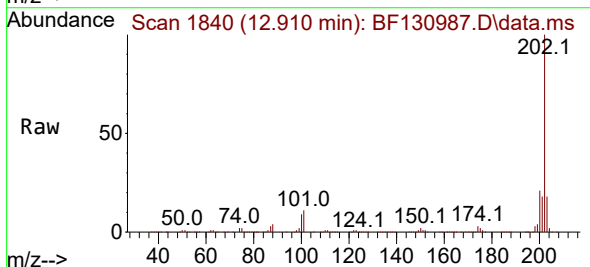
Tgt Ion:184 Resp: 28410
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 12.4 9.7 14.5

Manual Integrations
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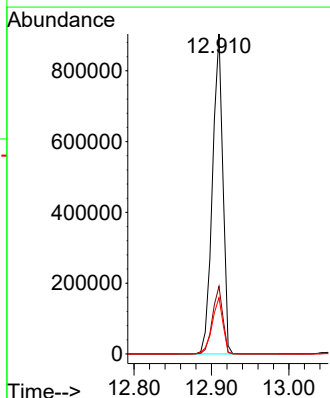
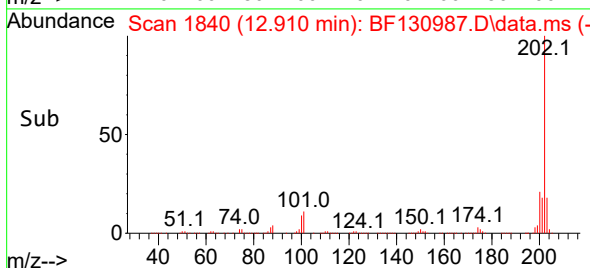
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

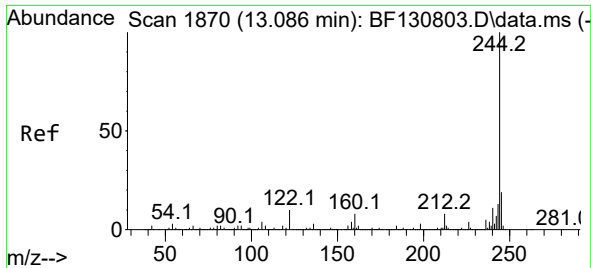


#78
Pyrene
Concen: 43.491 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



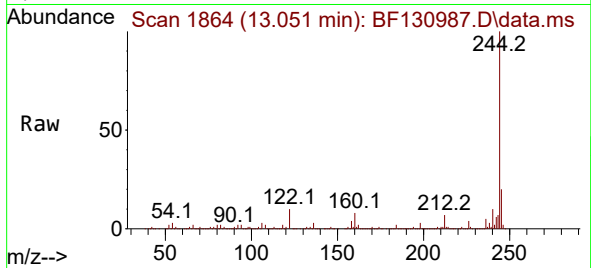
Tgt Ion:202 Resp: 839887
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 98.947 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF130987.D
 Acq: 04 Nov 2022 12:15

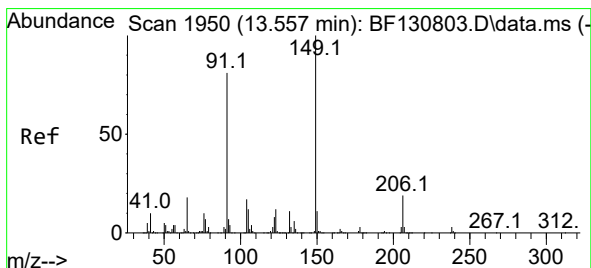
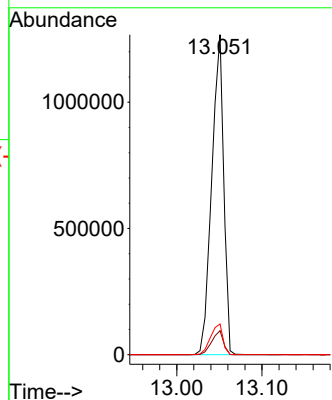
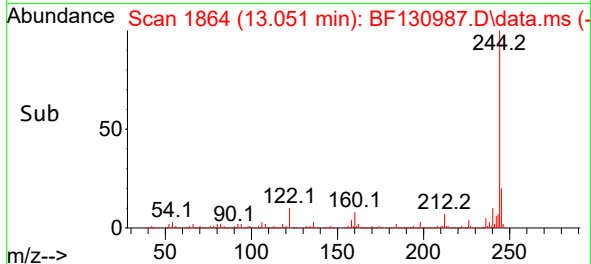
Instrument :
 BNA_F
 ClientSampleId :
 PB148686BS



Tgt Ion:244 Resp: 1235994
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.6 7.9 11.9

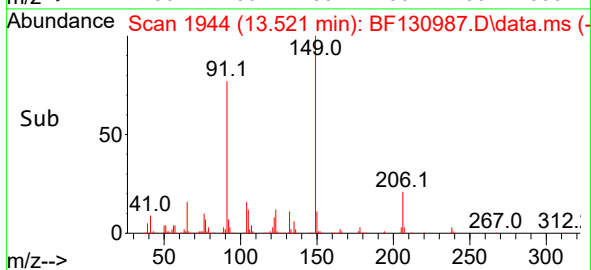
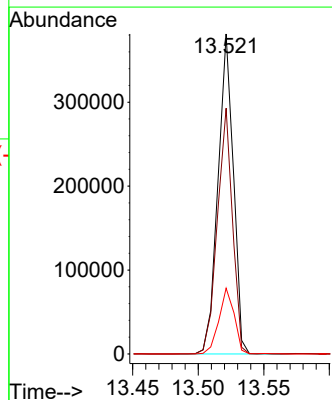
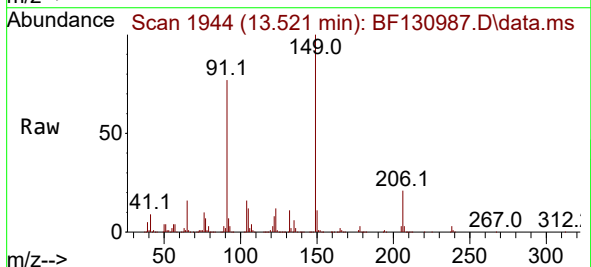
Manual Integrations
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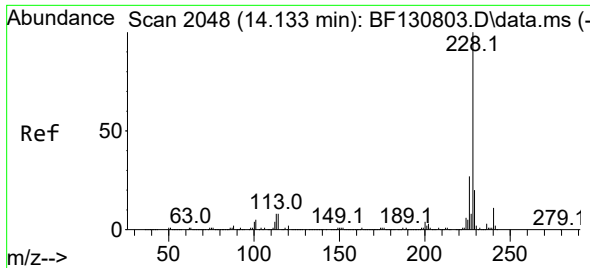
Reviewed By :Christian Giraldo 11/05/2022
 Supervised By :Jagrut Upadhyay 11/07/2022



#80
 Butylbenzylphthalate
 Concen: 44.604 ng
 RT: 13.521 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: BF130987.D
 Acq: 04 Nov 2022 12:15

Tgt Ion:149 Resp: 309901
 Ion Ratio Lower Upper
 149 100
 91 76.8 64.5 96.7
 206 20.5 15.3 22.9





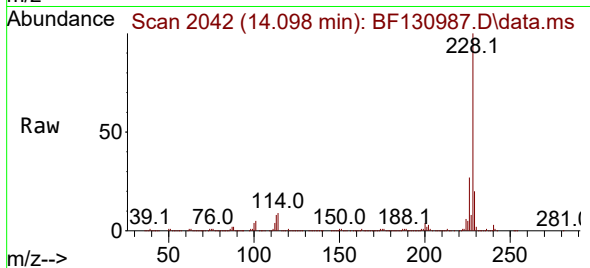
#81
Benzo(a)anthracene
Concen: 43.210 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

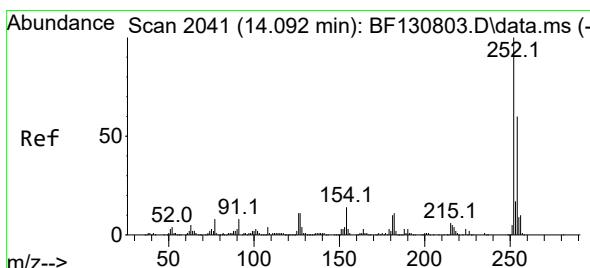
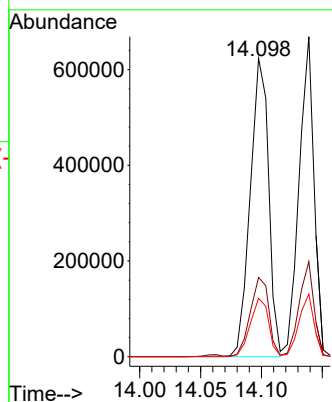
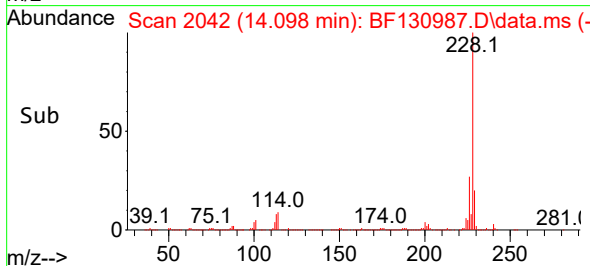


Tgt Ion:228 Resp: 655758
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.6 15.8 23.6

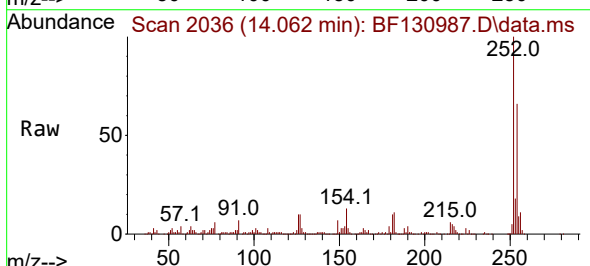
Manual Integrations

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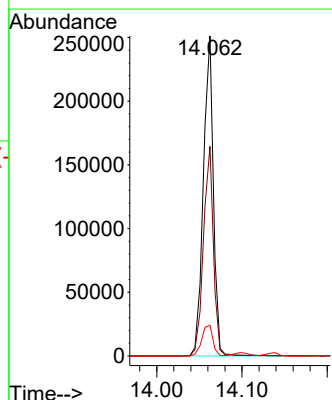
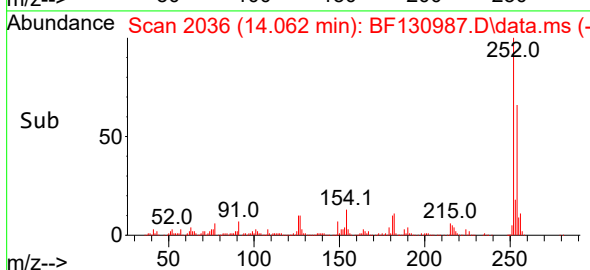
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

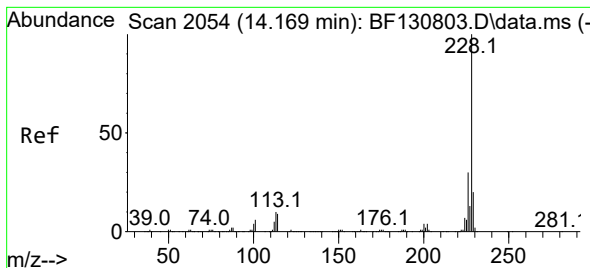


#82
3,3'-Dichlorobenzidine
Concen: 50.213 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion:252 Resp: 205670
Ion Ratio Lower Upper
252 100
254 65.5 47.8 71.6
126 9.6 9.0 13.6





#83

Chrysene

Concen: 39.235 ng

RT: 14.139 min Scan# 2054

Delta R.T. 0.006 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

Tgt Ion:228 Resp: 57433

Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

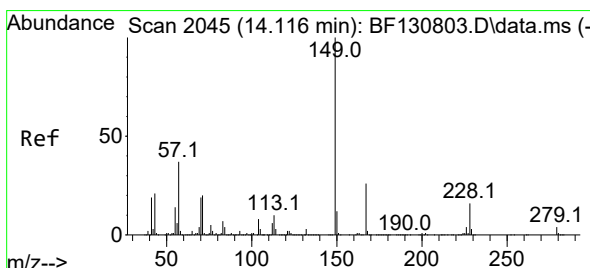
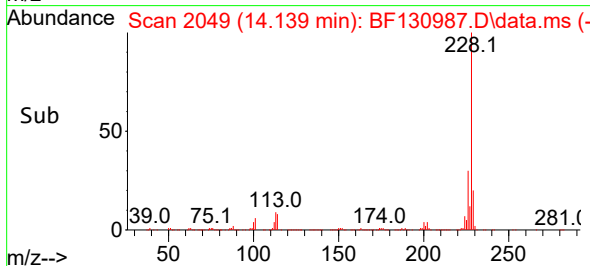
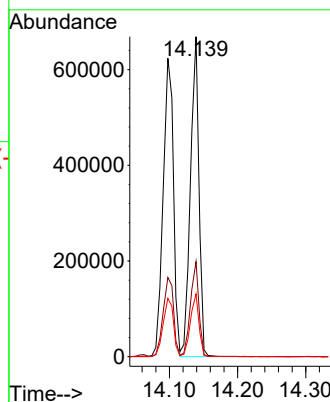
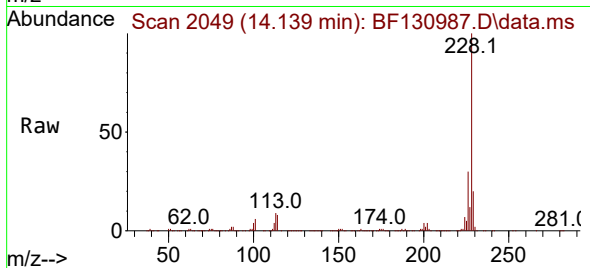
229 19.6 15.8 23.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/05/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.163 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF130987.D

Acq: 04 Nov 2022 12:15

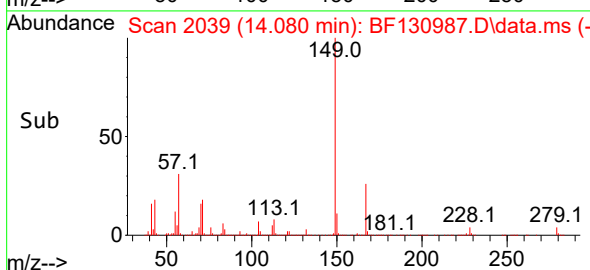
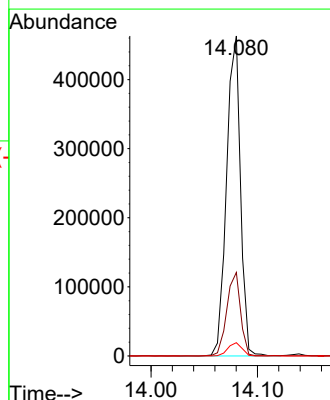
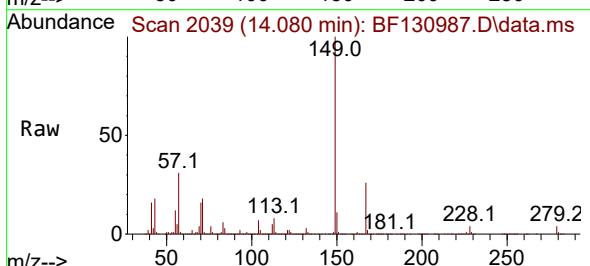
Tgt Ion:149 Resp: 419056

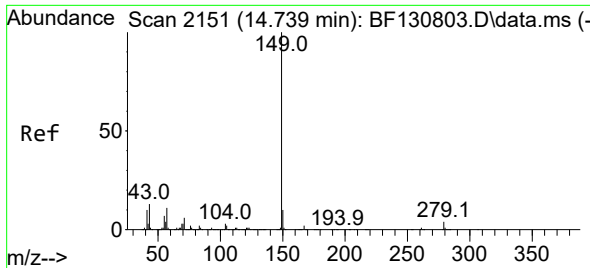
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

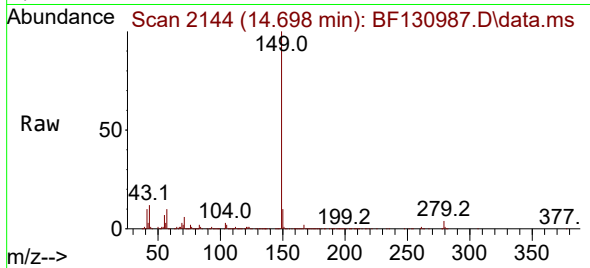
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 47.213 ng
RT: 14.698 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

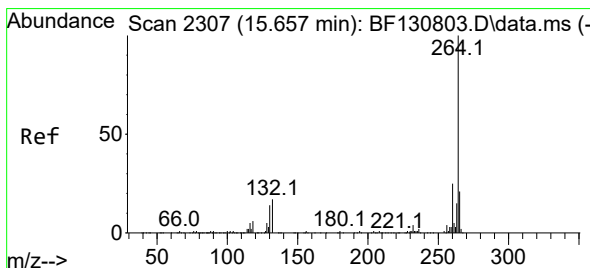
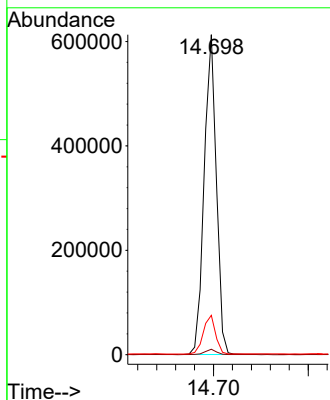
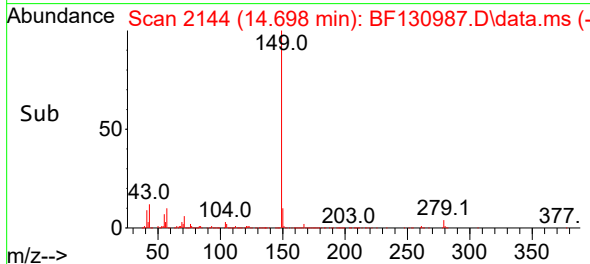
Instrument :
BNA_F
ClientSampleId :
PB148686BS



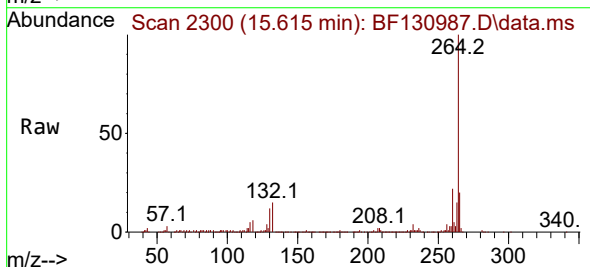
Tgt Ion:149 Resp: 544338
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.3 10.2 15.2

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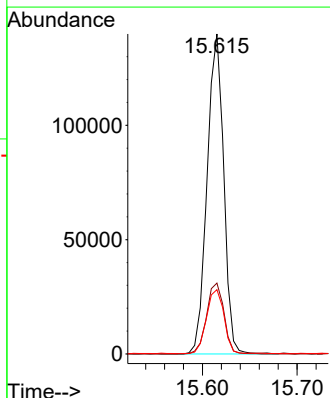
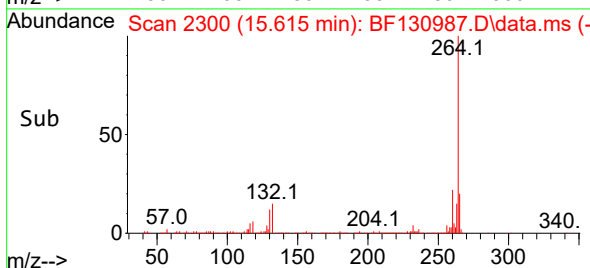
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

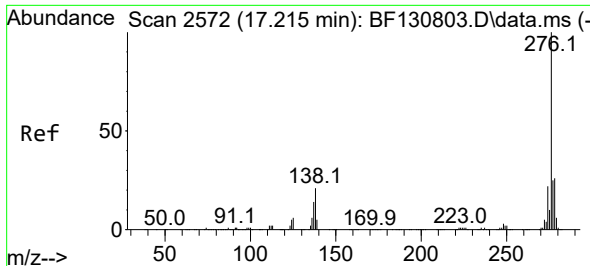


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



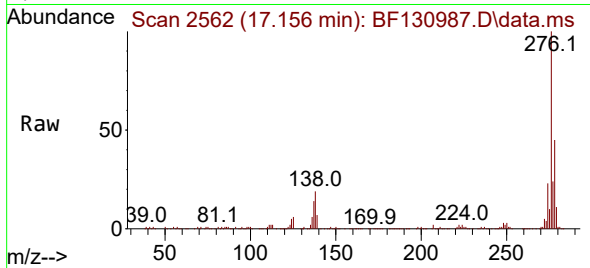
Tgt Ion:264 Resp: 170655
Ion Ratio Lower Upper
264 100
260 22.1 19.9 29.9
265 20.1 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.457 ng
RT: 17.156 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

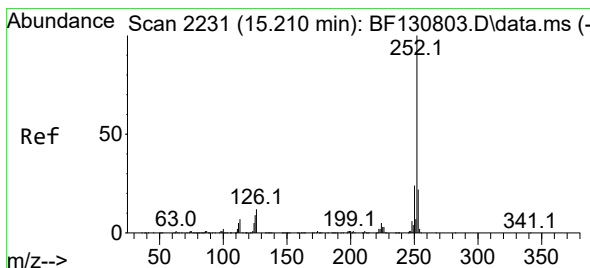
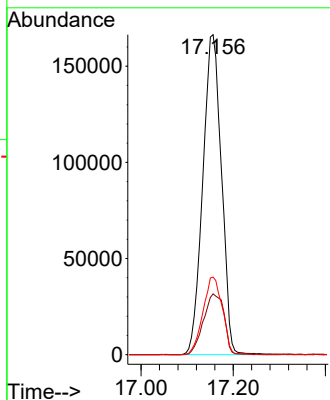
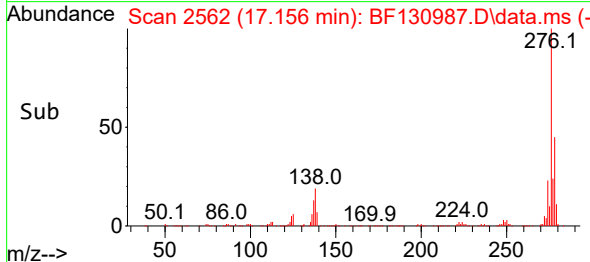
Instrument :
BNA_F
ClientSampleId :
PB148686BS



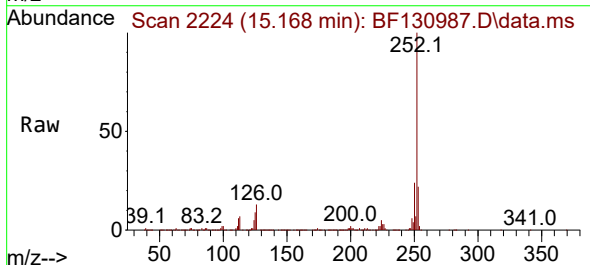
Tgt Ion:276 Resp: 469820
Ion Ratio Lower Upper
276 100
138 21.0 19.1 28.7
277 25.2 20.1 30.1

Manual Integrations
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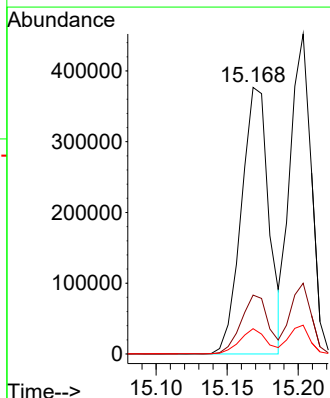
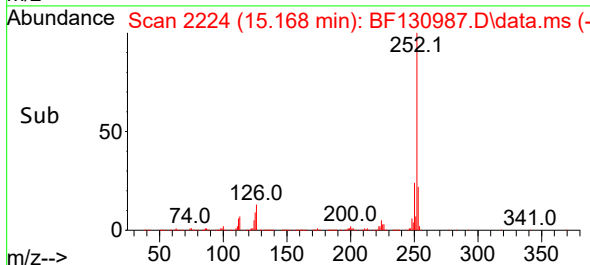
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

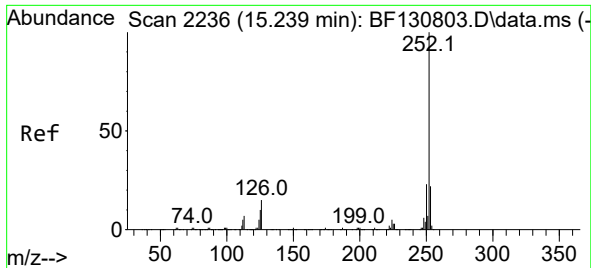


#88
Benzo(b)fluoranthene
Concen: 46.214 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion:252 Resp: 509814
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.5 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 43.720 ng
RT: 15.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

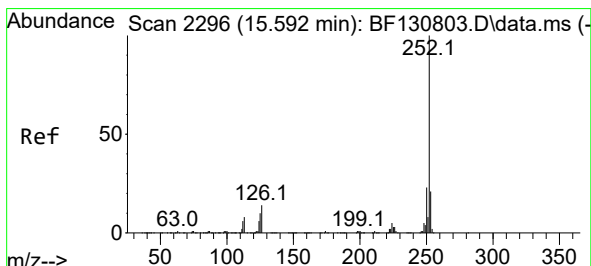
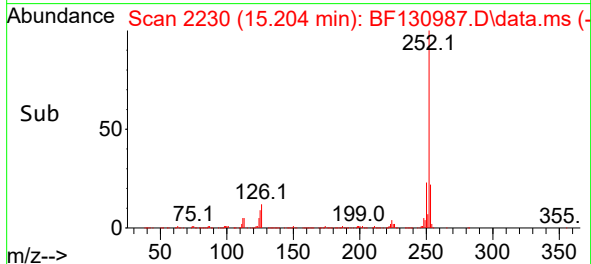
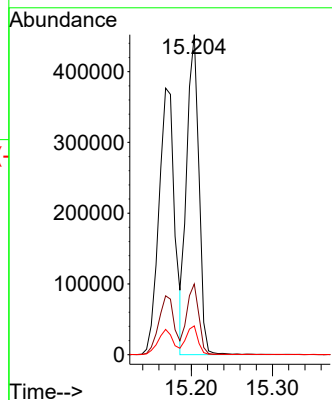
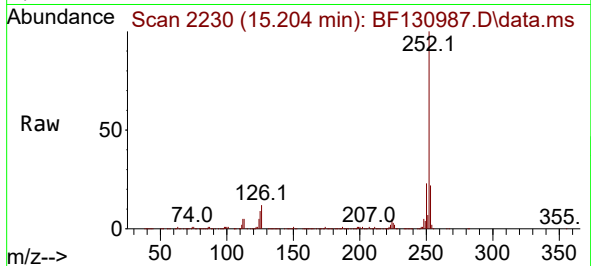
PB148686BS

Tgt Ion:252 Resp: 469969
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 8.0 12.0

Manual Integrations

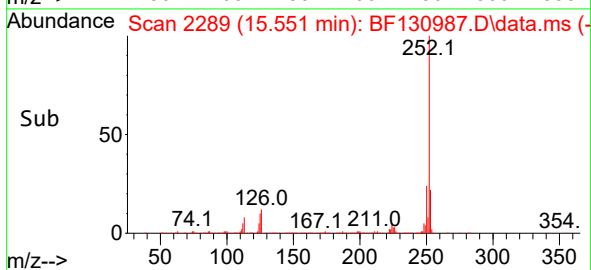
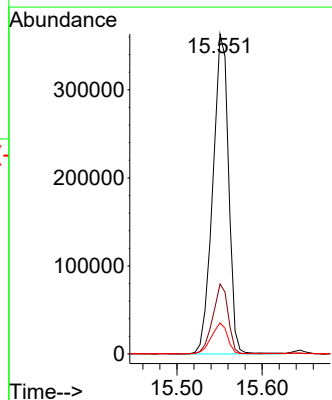
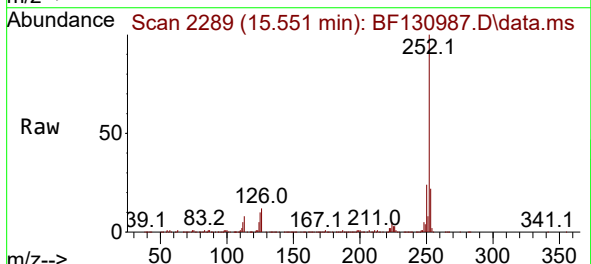
APPROVED

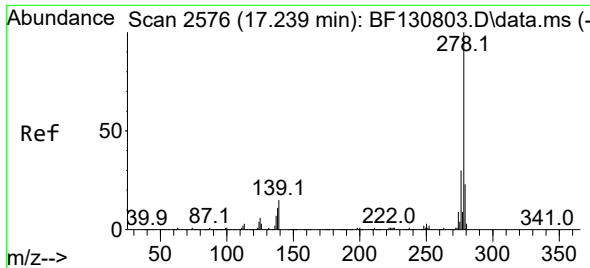
Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#90
Benzo(a)pyrene
Concen: 52.869 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Tgt Ion:252 Resp: 468844
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 9.7 8.3 12.5





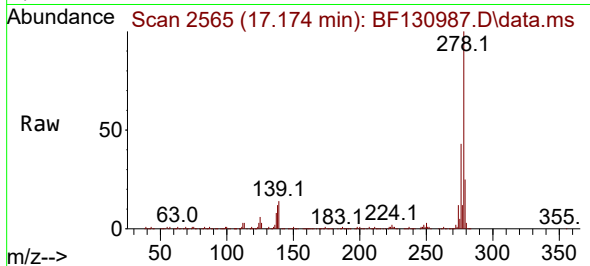
#91
Dibenzo(a,h)anthracene
Concen: 44.250 ng
RT: 17.174 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB148686BS

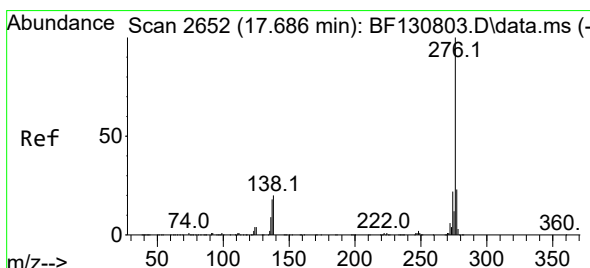
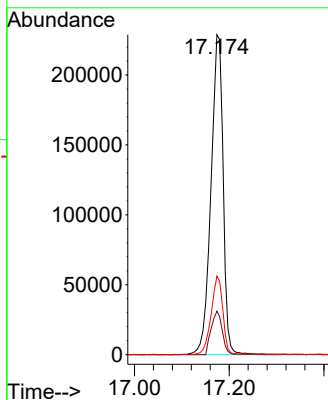
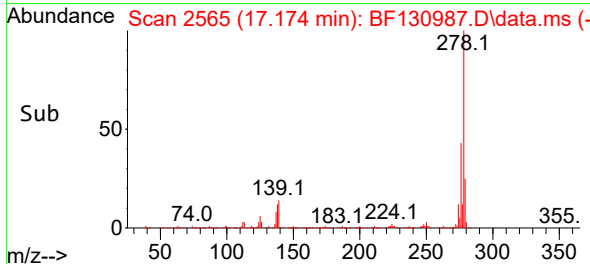


Tgt Ion:278 Resp: 408800
Ion Ratio Lower Upper
278 100
139 13.6 11.9 17.9
279 24.5 18.6 28.0

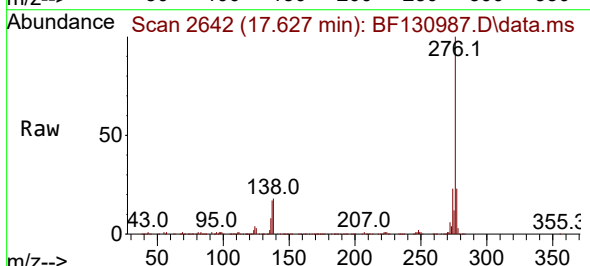
Manual Integrations

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Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#92
Benzo(g,h,i)perylene
Concen: 43.046 ng
RT: 17.627 min Scan# 2642
Delta R.T. 0.017 min
Lab File: BF130987.D
Acq: 04 Nov 2022 12:15



Tgt Ion:276 Resp: 405714
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 18.5 16.3 24.5

