

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130820.D
 Acq On : 28 Oct 2022 11:22
 Operator : CG\JU
 Sample : PB148514BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148514BS

Quant Time: Oct 28 16:49:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	120389	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	475739	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	254177	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	432455	20.000	ng	0.00
76) Chrysene-d12	14.139	240	251219	20.000	ng	# 0.00
86) Perylene-d12	15.657	264	223339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	915973	131.901	ng	0.02
7) Phenol-d6	6.575	99	1144676	126.845	ng	0.00
23) Nitrobenzene-d5	7.522	82	756066	95.830	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	287975	134.589	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1339629	79.683	ng	0.00
79) Terphenyl-d14	13.080	244	1223049	89.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	113167	36.347	ng	92
3) Pyridine	3.640	79	312625	35.849	ng	98
4) n-Nitrosodimethylamine	3.610	42	220034	44.945	ng	99
6) Aniline	6.622	93	465367	41.704	ng	99
8) 2-Chlorophenol	6.739	128	348022	44.988	ng	99
9) Benzaldehyde	6.510	77	216303	37.450	ng	97
10) Phenol	6.587	94	405667	41.773	ng	95
11) bis(2-Chloroethyl)ether	6.692	93	331709	43.817	ng	97
12) 1,3-Dichlorobenzene	6.898	146	375361	42.820	ng	100
13) 1,4-Dichlorobenzene	6.975	146	376765	42.343	ng	99
14) 1,2-Dichlorobenzene	7.128	146	366075	44.423	ng	98
15) Benzyl Alcohol	7.092	79	320310	41.742	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	607671	45.033	ng	99
17) 2-Methylphenol	7.198	107	281118	42.516	ng	99
18) Hexachloroethane	7.469	117	142558	44.330	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	257022	41.860	ng	97
20) 3+4-Methylphenols	7.351	107	344536	40.077	ng	92
22) Acetophenone	7.369	105	483513	41.919	ng	97
24) Nitrobenzene	7.539	77	387607	44.929	ng	99
25) Isophorone	7.781	82	698841	42.954	ng	99
26) 2-Nitrophenol	7.857	139	156918	46.291	ng	98
27) 2,4-Dimethylphenol	7.886	122	312358	46.131	ng	99
28) bis(2-Chloroethoxy)met...	7.986	93	403232	44.378	ng	99
29) 2,4-Dichlorophenol	8.092	162	285268	40.955	ng	97
30) 1,2,4-Trichlorobenzene	8.181	180	297171	39.675	ng	96
31) Naphthalene	8.263	128	970833	39.113	ng	99
32) Benzoic acid	8.004	122	204162	43.318	ng	93
33) 4-Chloroaniline	8.310	127	304752	31.071	ng	98
34) Hexachlorobutadiene	8.375	225	209849	42.206	ng	98
35) Caprolactam	8.681	113	87761m	39.317	ng	
36) 4-Chloro-3-methylphenol	8.786	107	307003	40.633	ng	99
37) 2-Methylnaphthalene	8.957	142	608362	38.966	ng	98
38) 1-Methylnaphthalene	9.057	142	582412	38.331	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	302262	41.934	ng	98
41) Hexachlorocyclopentadiene	9.110	237	413412	109.158	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	206628	41.255	ng	99

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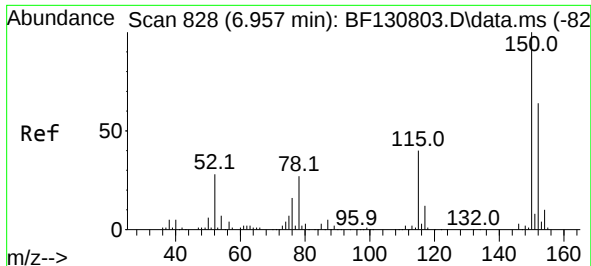
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	213128	39.828	ng	96
46) 1,1'-Biphenyl	9.422	154	751050	41.474	ng	99
47) 2-Chloronaphthalene	9.451	162	576931	39.731	ng	97
48) 2-Nitroaniline	9.539	65	197342	42.760	ng	99
49) Acenaphthylene	9.869	152	899254	39.189	ng	100
50) Dimethylphthalate	9.722	163	674064	38.610	ng	100
51) 2,6-Dinitrotoluene	9.786	165	141707	43.007	ng	86
52) Acenaphthene	10.039	154	612522	43.169	ng	99
53) 3-Nitroaniline	9.957	138	121536	35.741	ng	# 85
54) 2,4-Dinitrophenol	10.057	184	129226	80.862	ng	93
55) Dibenzofuran	10.210	168	793276	38.571	ng	99
56) 4-Nitrophenol	10.104	139	225380	83.707	ng	95
57) 2,4-Dinitrotoluene	10.186	165	177111	42.902	ng	89
58) Fluorene	10.551	166	614017	37.915	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	168335	38.156	ng	100
60) Diethylphthalate	10.427	149	662784	38.602	ng	98
61) 4-Chlorophenyl-phenylether	10.545	204	303990	39.238	ng	99
62) 4-Nitroaniline	10.574	138	140423	40.781	ng	98
63) Azobenzene	10.704	77	688728	38.427	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	74273	42.236	ng	92
66) n-Nitrosodiphenylamine	10.663	169	566028	41.962	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	185292	42.605	ng	97
68) Hexachlorobenzene	11.098	284	203202	42.407	ng	99
69) Atrazine	11.192	200	187290	48.078	ng	97
70) Pentachlorophenol	11.292	266	230463	84.286	ng	100
71) Phenanthrene	11.521	178	866388	38.816	ng	100
72) Anthracene	11.574	178	886303	40.258	ng	100
73) Carbazole	11.721	167	764857	38.795	ng	100
74) Di-n-butylphthalate	12.051	149	961078	40.138	ng	99
75) Fluoranthene	12.710	202	877793	37.014	ng	99
77) Benzidine	12.833	184	482727	79.157	ng	99
78) Pyrene	12.939	202	873479	41.212	ng	99
80) Butylbenzylphthalate	13.557	149	331167	43.430	ng	94
81) Benzo(a)anthracene	14.127	228	665346	39.947	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	188402	41.911	ng	94
83) Chrysene	14.168	228	643714	40.067	ng	99
84) Bis(2-ethylhexyl)phtha...	14.115	149	444809	48.515	ng	99
85) Di-n-octyl phthalate	14.739	149	659720	52.137	ng	99
87) Indeno(1,2,3-cd)pyrene	17.215	276	687304	46.341	ng	99
88) Benzo(b)fluoranthene	15.209	252	608755	42.165	ng	99
89) Benzo(k)fluoranthene	15.239	252	589784	41.923	ng	99
90) Benzo(a)pyrene	15.598	252	536138	46.196	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	589452	48.753	ng	97
92) Benzo(g,h,i)perylene	17.692	276	609888	49.444	ng	98

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

Manual Integrations

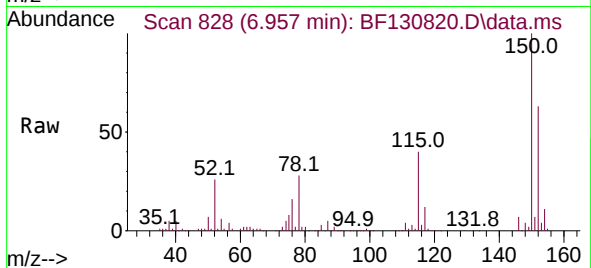
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

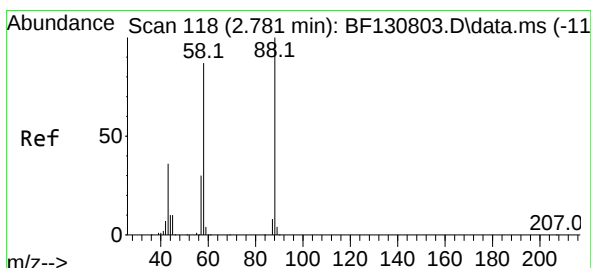
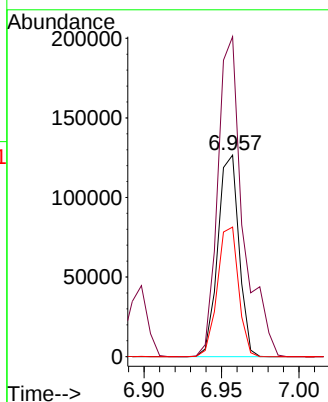
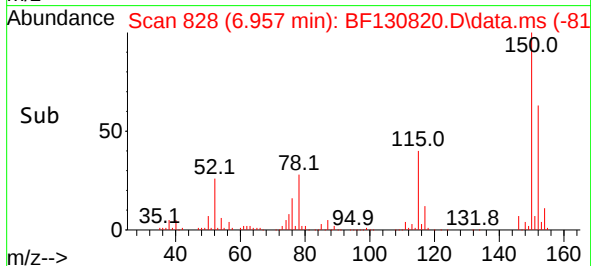
Instrument :
BNA_F
ClientSampleId :
PB148514BS



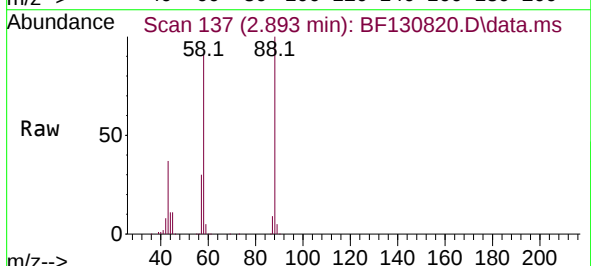
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Ion Ratio Lower Upper
152 100
150 158.7 124.1 186.1
115 64.2 50.1 75.1

Manual Integrations
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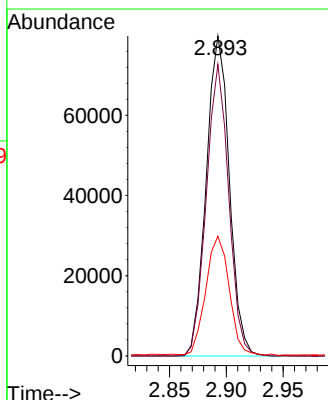
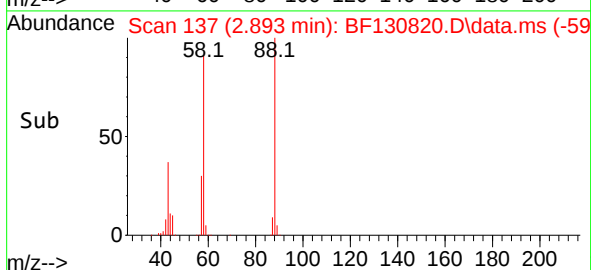
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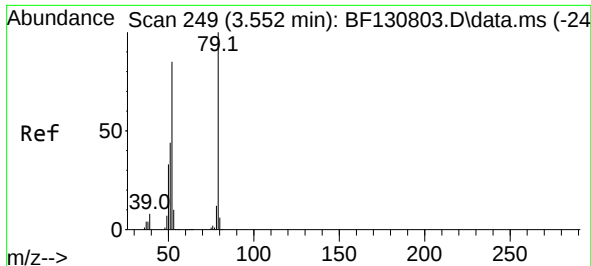


#2
1,4-Dioxane
Concen: 36.347 ng
RT: 2.893 min Scan# 137
Delta R.T. 0.112 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



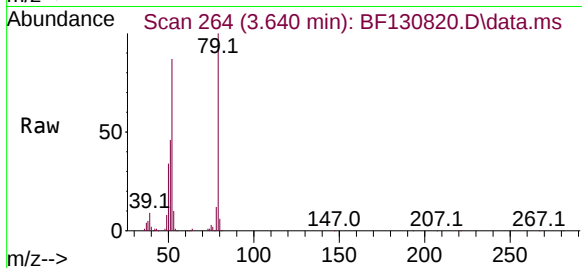
Tgt Ion: 88 Resp: 113167
Ion Ratio Lower Upper
88 100
58 88.0 64.7 97.1
43 37.6 26.5 39.7





#3
Pyridine
Concen: 35.849 ng
RT: 3.640 min Scan# 20
Delta R.T. 0.088 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

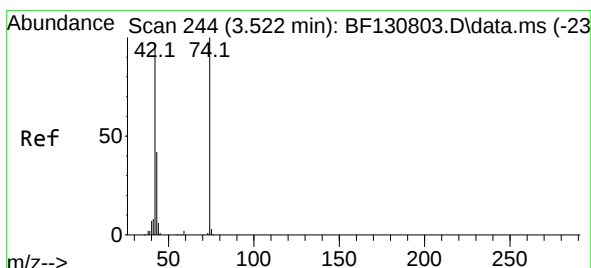
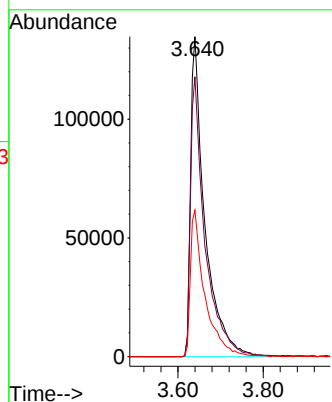
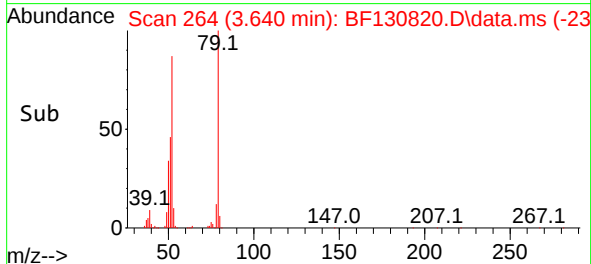
Instrument :
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ClientSampleId :
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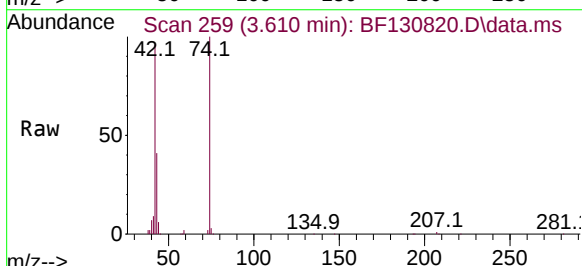
Tgt Ion: 79 Resp: 312625
Ion Ratio Lower Upper
79 100
52 87.5 68.2 102.4
51 45.8 35.2 52.8

Manual Integrations
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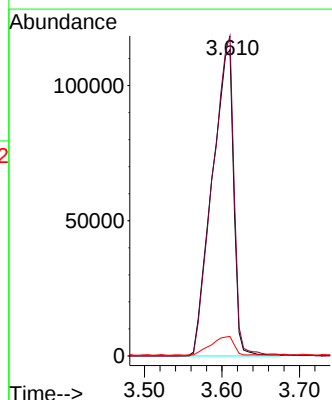
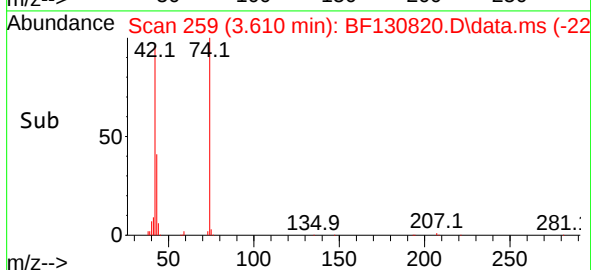
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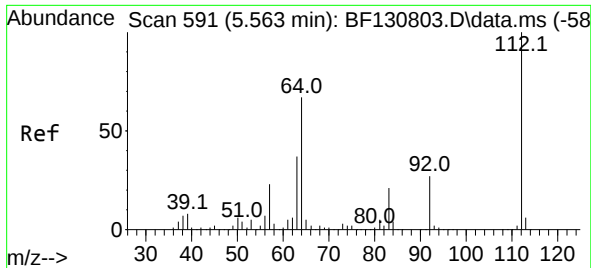


#4
n-Nitrosodimethylamine
Concen: 44.945 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.088 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion: 42 Resp: 220034
Ion Ratio Lower Upper
42 100
74 104.5 82.8 124.2
44 6.3 6.0 9.0





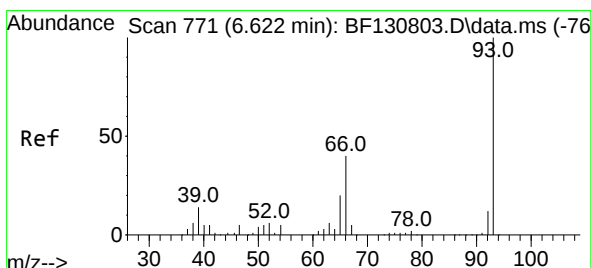
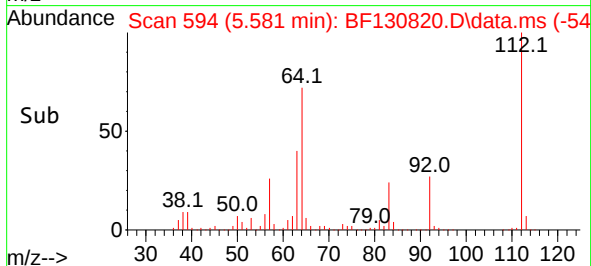
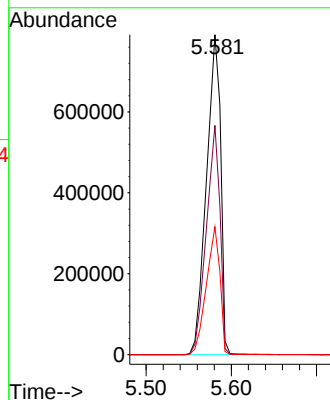
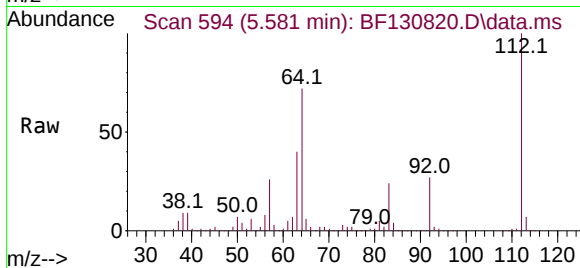
#5
2-Fluorophenol
Concen: 131.901 ng
RT: 5.581 min Scan# 591
Delta R.T. 0.018 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion:112 Resp: 915973
Ion Ratio Lower Upper
112 100
64 71.6 53.9 80.9
63 39.9 29.4 44.2

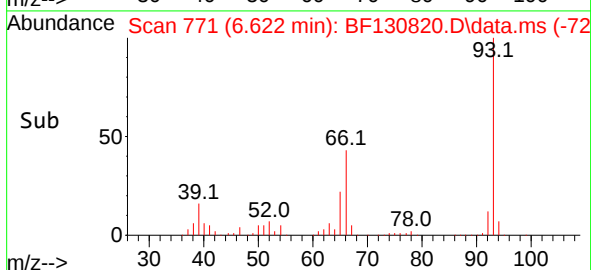
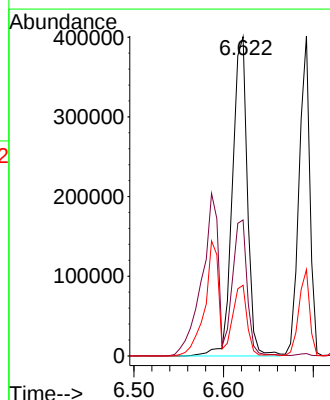
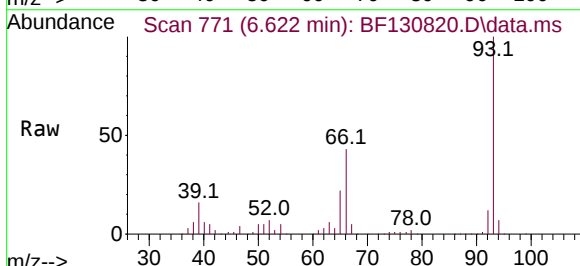
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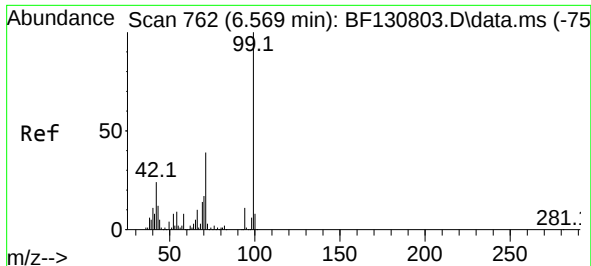
Reviewed By :Christian Giraldo 10/31/2022
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#6
Aniline
Concen: 41.704 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

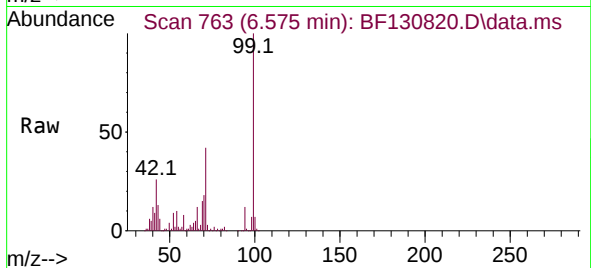
Tgt Ion: 93 Resp: 465367
Ion Ratio Lower Upper
93 100
66 42.6 33.8 50.8
65 22.1 17.2 25.8





#7
Phenol-d6
Concen: 126.845 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

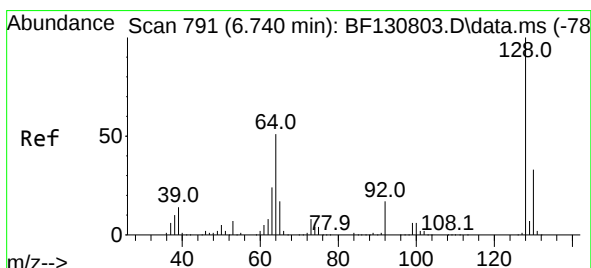
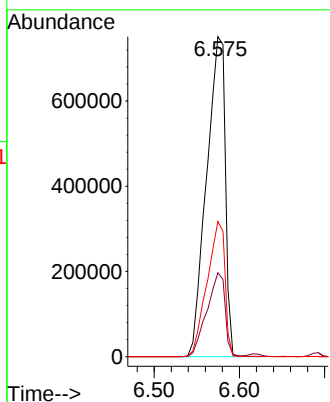
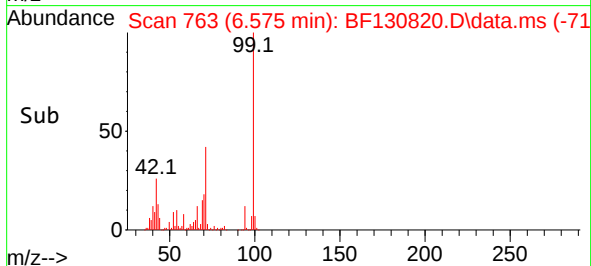
Instrument :
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Tgt Ion: 99 Resp: 1144676
Ion Ratio Lower Upper
99 100
42 26.3 18.8 28.2
71 42.2 31.4 47.0

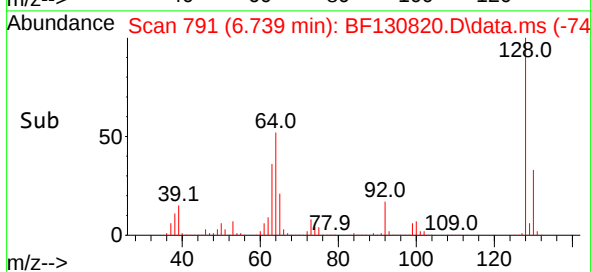
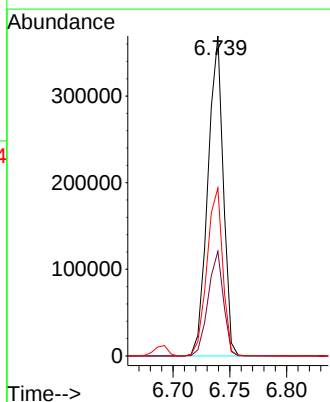
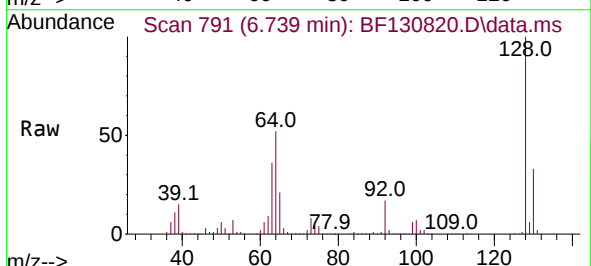
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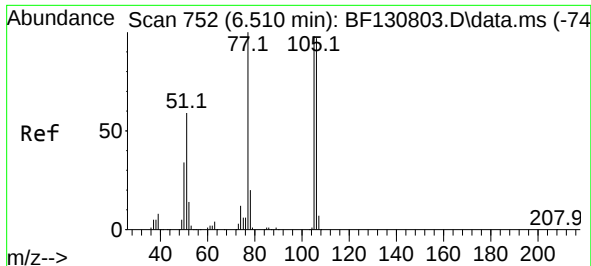
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#8
2-Chlorophenol
Concen: 44.988 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.001 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:128 Resp: 348022
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 52.5 31.3 71.3





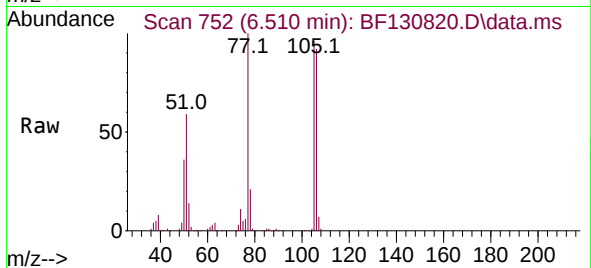
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Benzaldehyde
Concen: 37.450 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

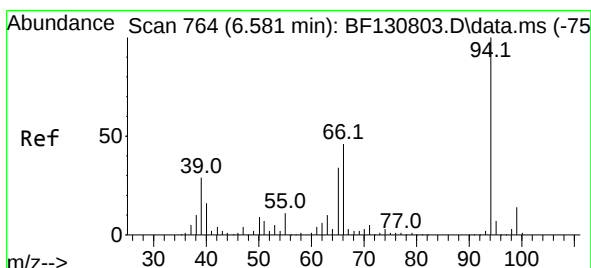
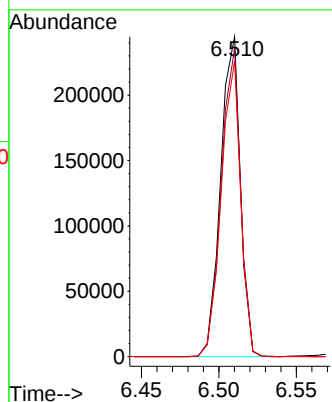
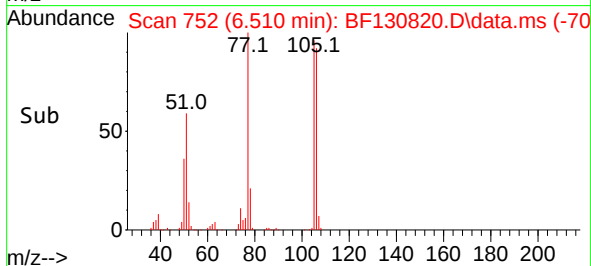
PB148514BS



Tgt Ion: 77 Resp: 216303
Ion Ratio Lower Upper
77 100
105 96.4 78.2 118.2
106 92.4 76.6 116.6

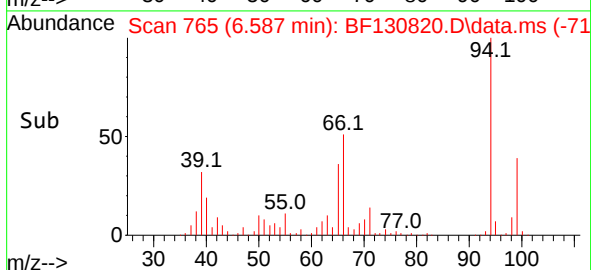
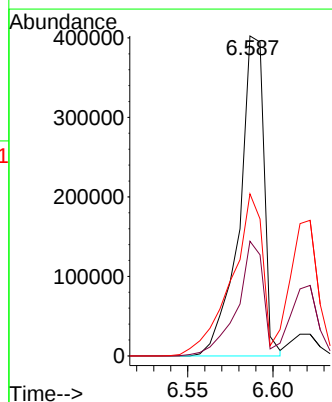
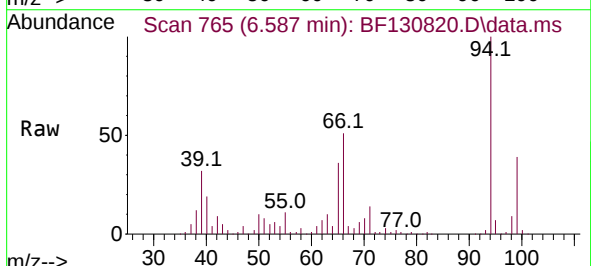
Manual Integrations
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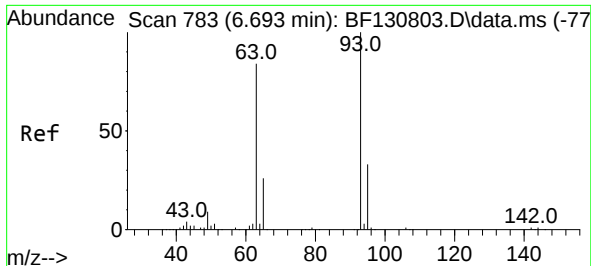
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 41.773 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion: 94 Resp: 405667
Ion Ratio Lower Upper
94 100
65 35.8 13.7 53.7
66 50.7 26.5 66.5





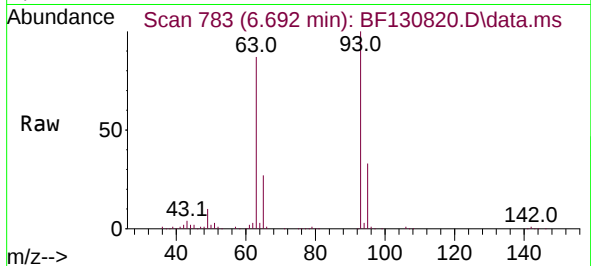
#11
bis(2-Chloroethyl)ether
Concen: 43.817 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

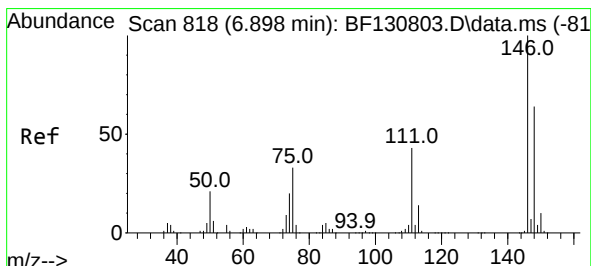
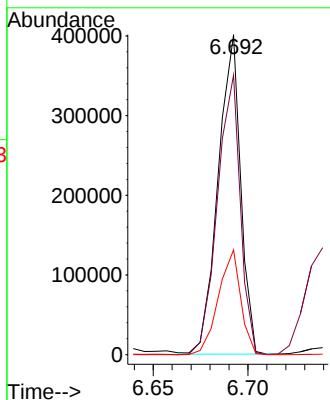
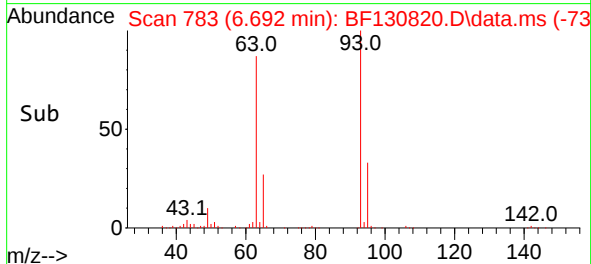
PB148514BS



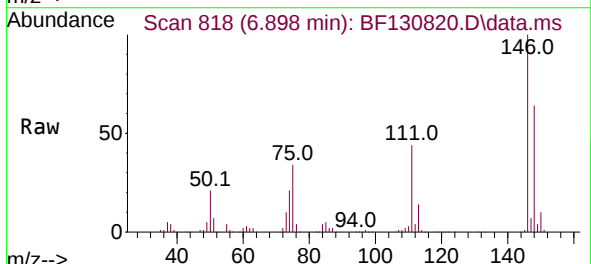
Tgt Ion: 93 Resp: 331709
Ion Ratio Lower Upper
93 100
63 87.4 63.4 103.4
95 32.7 12.6 52.6

Manual Integrations
APPROVED

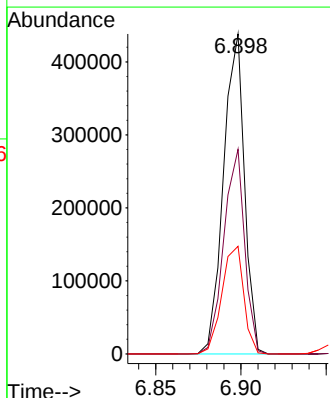
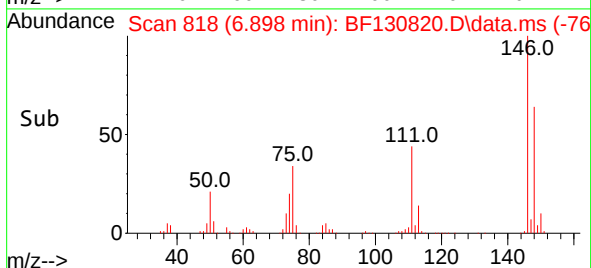
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

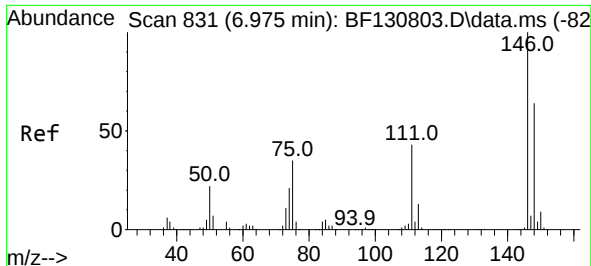


#12
1,3-Dichlorobenzene
Concen: 42.820 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:146 Resp: 375361
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
75 33.6 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.343 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF130820.D

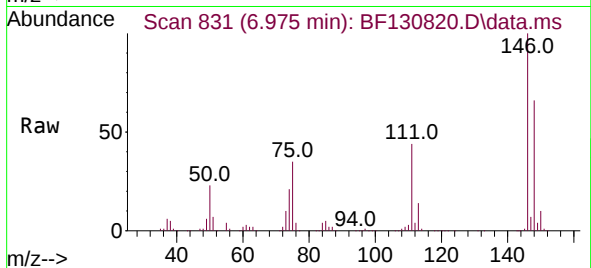
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS



Tgt Ion:146 Resp: 376765

Ion Ratio Lower Upper

146 100

148 65.7 51.3 76.9

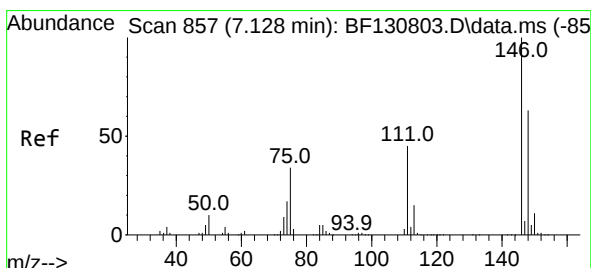
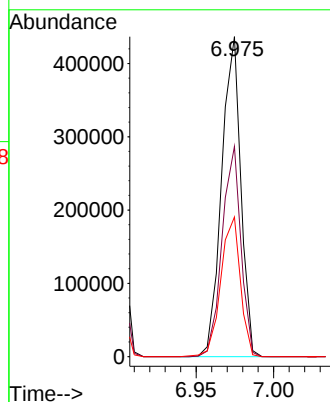
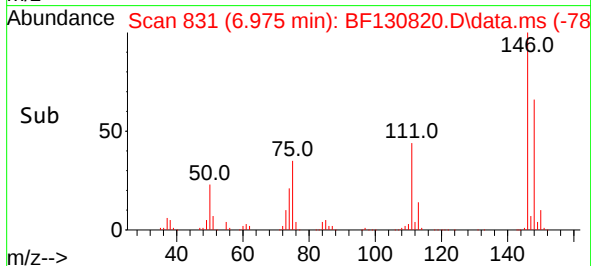
111 43.6 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#14

1,2-Dichlorobenzene

Concen: 44.423 ng

RT: 7.128 min Scan# 857

Delta R.T. -0.000 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

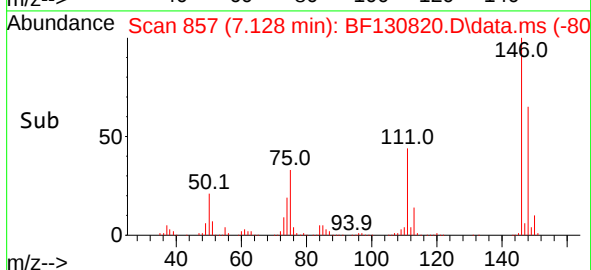
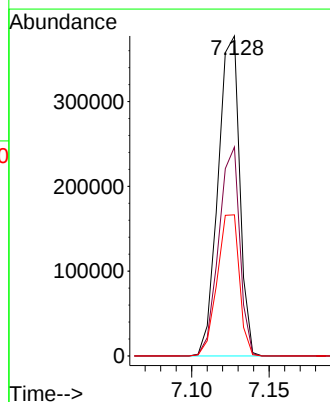
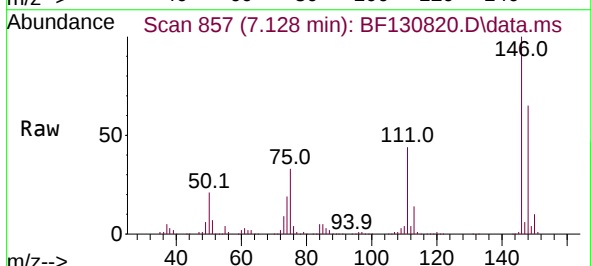
Tgt Ion:146 Resp: 366075

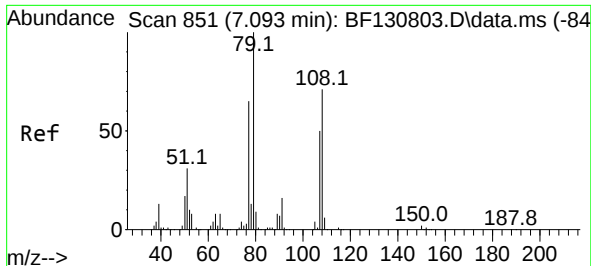
Ion Ratio Lower Upper

146 100

148 65.3 50.6 76.0

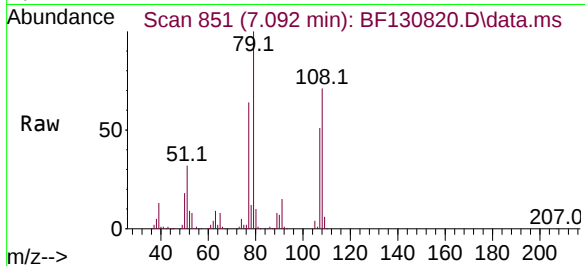
111 44.1 36.3 54.5





#15
Benzyl Alcohol
Concen: 41.742 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

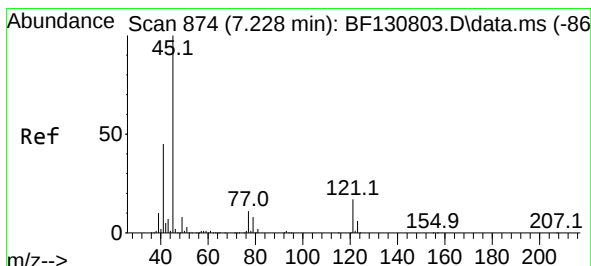
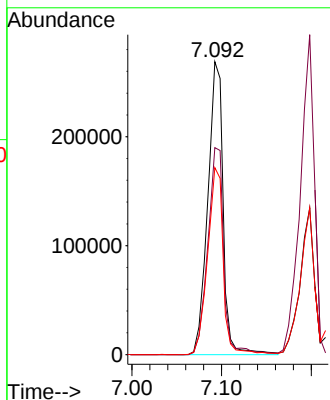
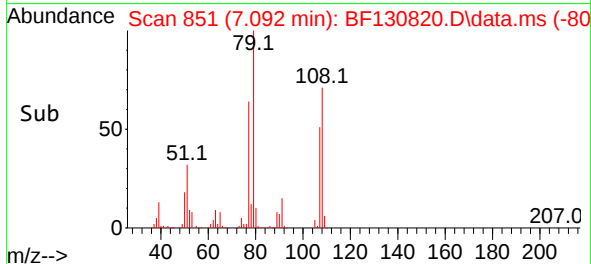
Instrument :
BNA_F
ClientSampleId :
PB148514BS



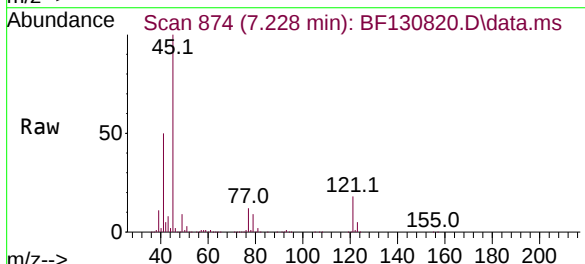
Tgt Ion: 79 Resp: 320310
Ion Ratio Lower Upper
79 100
108 70.7 56.4 84.6
77 63.9 51.8 77.8

Manual Integrations
APPROVED

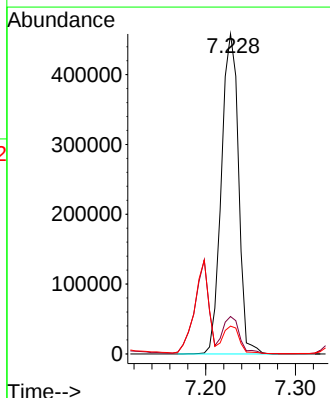
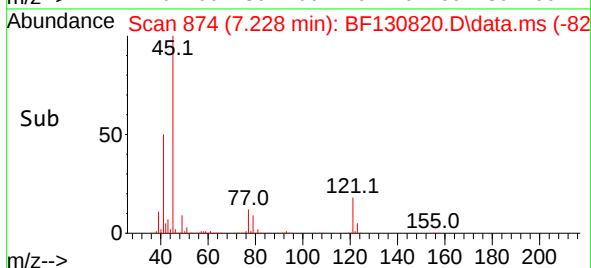
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

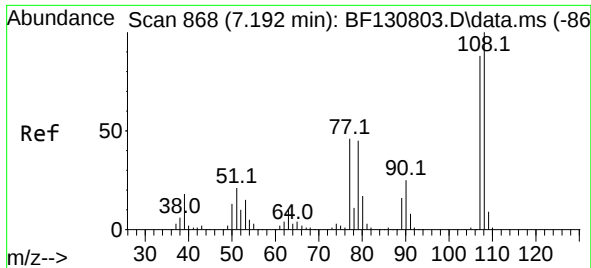


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.033 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



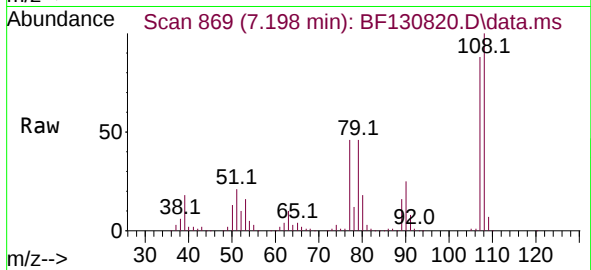
Tgt Ion: 45 Resp: 607671
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 8.7 0.0 28.4





#17
2-Methylphenol
Concen: 42.516 ng
RT: 7.198 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

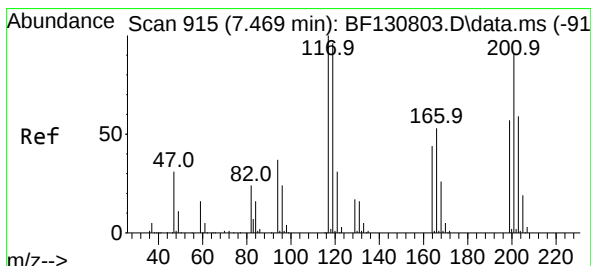
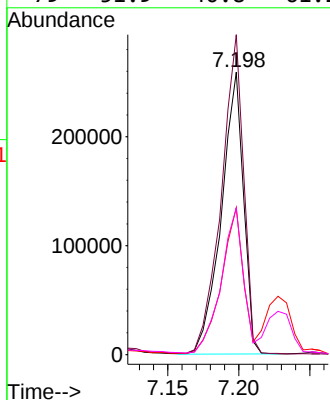
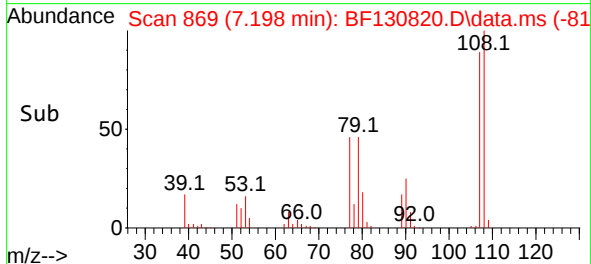
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:107 Resp: 281118
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 52.0 41.2 61.8
79 51.9 40.8 61.2

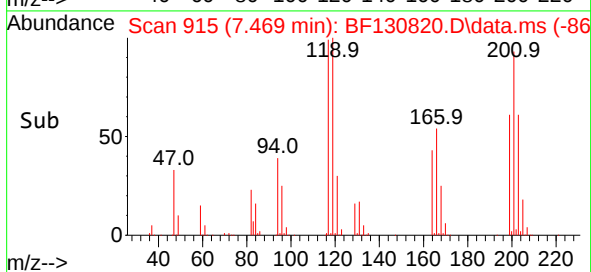
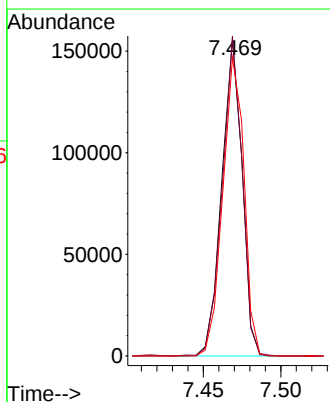
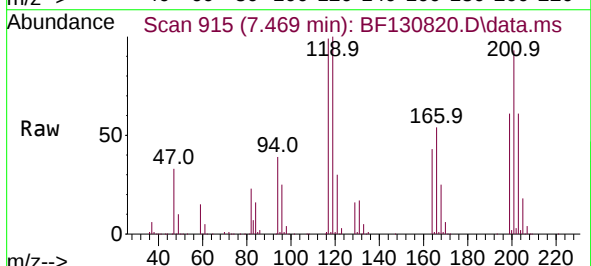
Manual Integrations
APPROVED

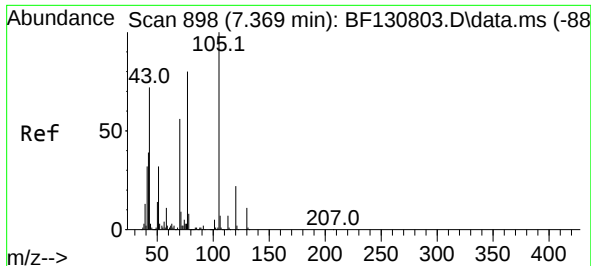
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 44.330 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

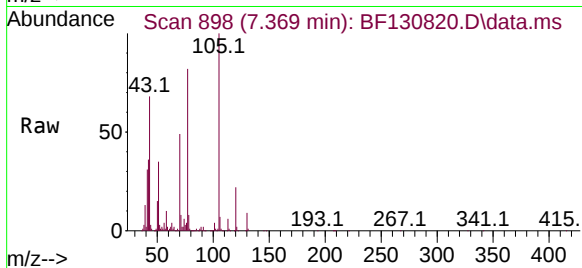
Tgt Ion:117 Resp: 142558
Ion Ratio Lower Upper
117 100
119 101.1 77.1 115.7
201 94.3 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.860 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

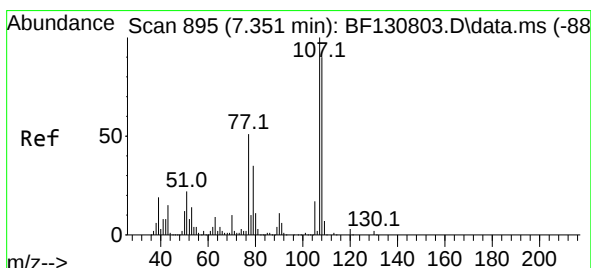
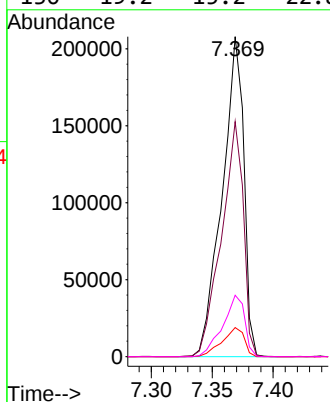
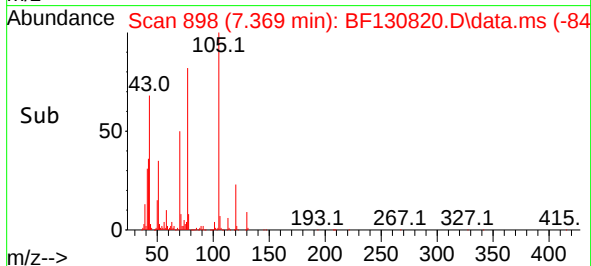
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion: 70 Resp: 257022
Ion Ratio Lower Upper
70 100
42 73.4 56.1 84.1
101 9.1 7.3 10.9
130 19.2 15.2 22.8

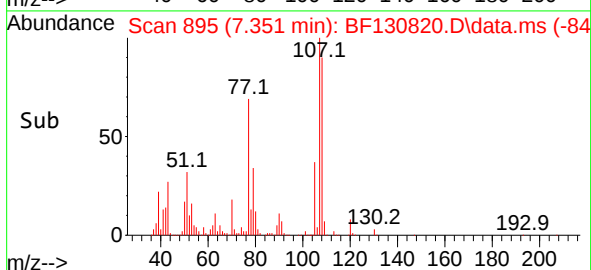
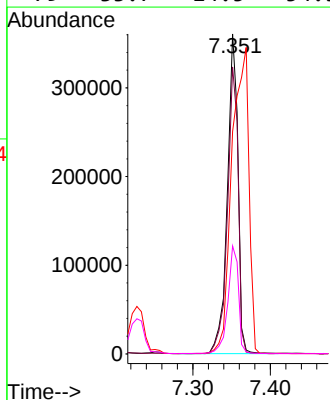
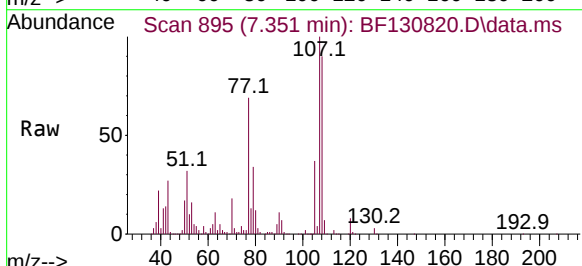
Manual Integrations
APPROVED

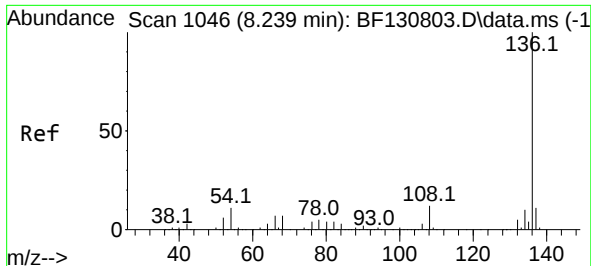
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#20
3+4-Methylphenols
Concen: 40.077 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:107 Resp: 344536
Ion Ratio Lower Upper
107 100
108 89.7 70.4 110.4
77 69.5 31.1 71.1
79 33.7 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

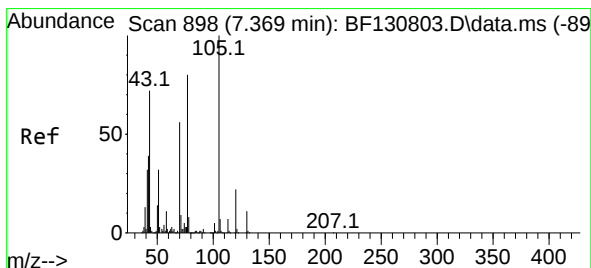
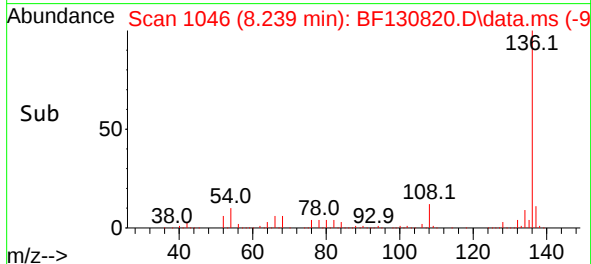
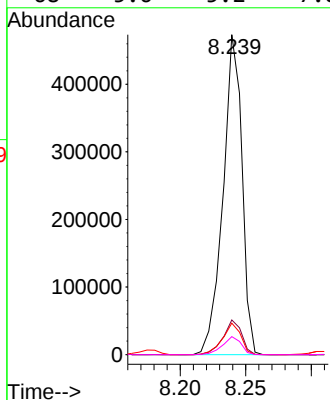
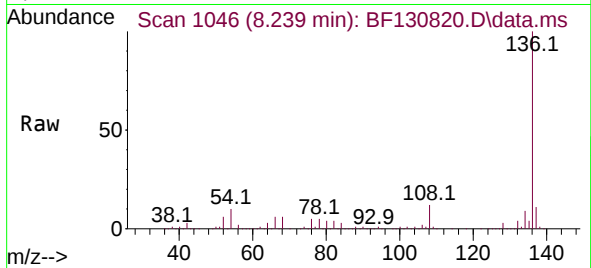
ClientSampleId :

PB148514BS

Tgt Ion:136 Resp: 475739
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.8 8.8 13.2
68 5.6 5.2 7.8

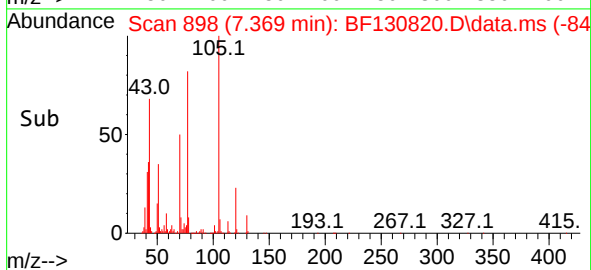
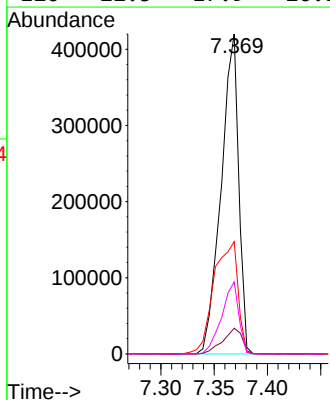
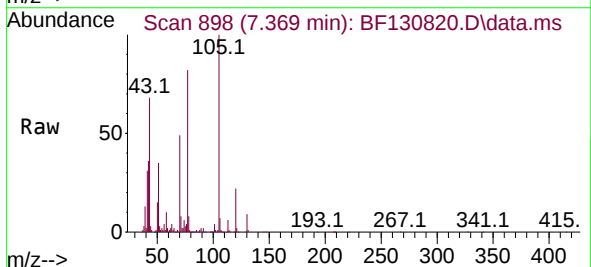
Manual Integrations
APPROVED

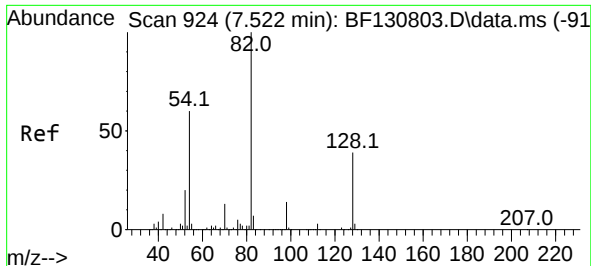
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 41.919 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

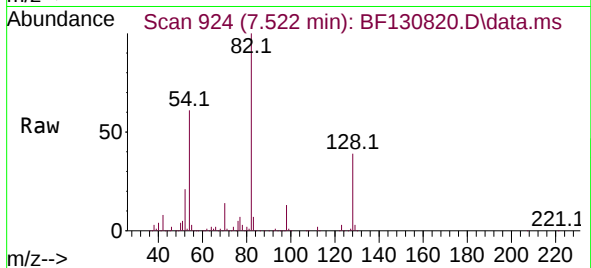
Tgt Ion:105 Resp: 483513
Ion Ratio Lower Upper
105 100
71 8.0 7.2 10.8
51 35.1 25.9 38.9
120 22.5 17.9 26.9





#23
Nitrobenzene-d5
Concen: 95.830 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

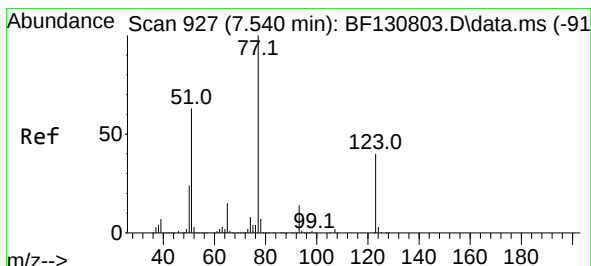
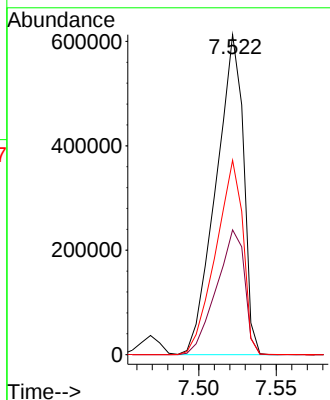
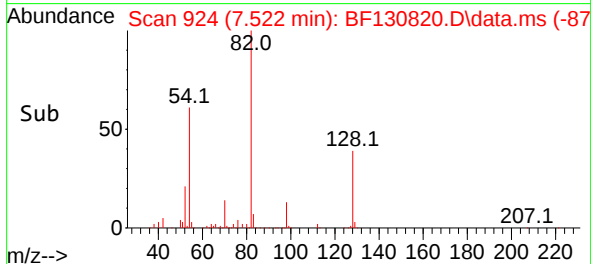
Instrument :
BNA_F
ClientSampleId :
PB148514BS



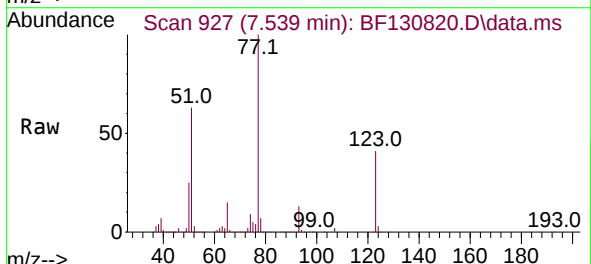
Tgt Ion: 82 Resp: 756066
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 60.7 48.0 72.0

Manual Integrations
APPROVED

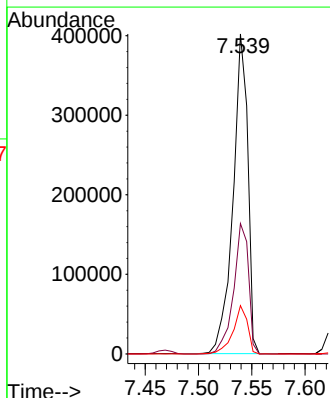
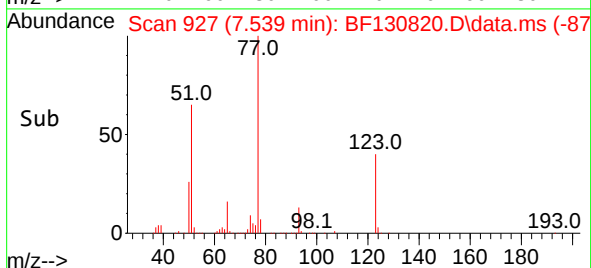
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

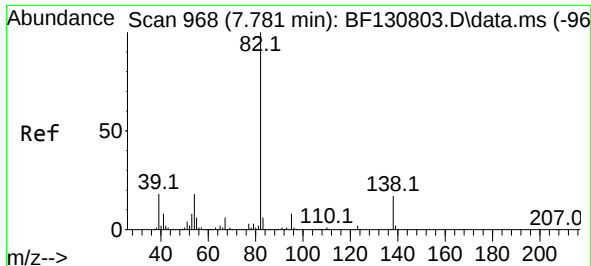


#24
Nitrobenzene
Concen: 44.929 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.001 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



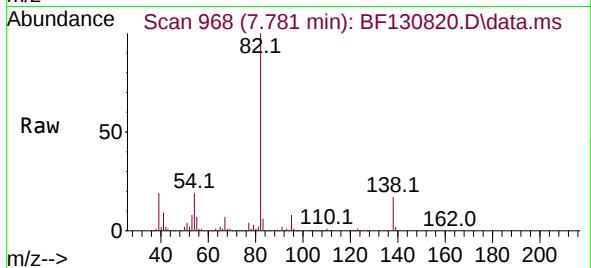
Tgt Ion: 77 Resp: 387607
Ion Ratio Lower Upper
77 100
123 40.7 32.2 48.2
65 15.1 12.0 18.0





#25
Isophorone
Concen: 42.954 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

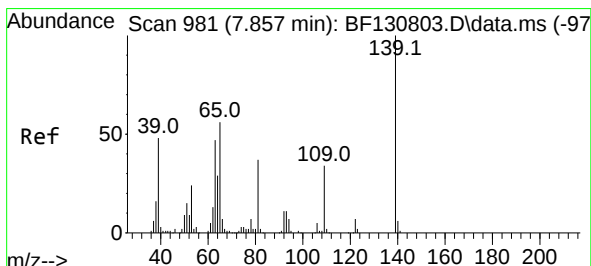
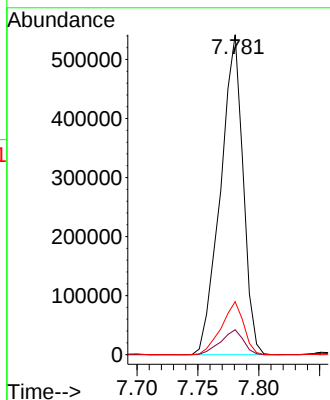
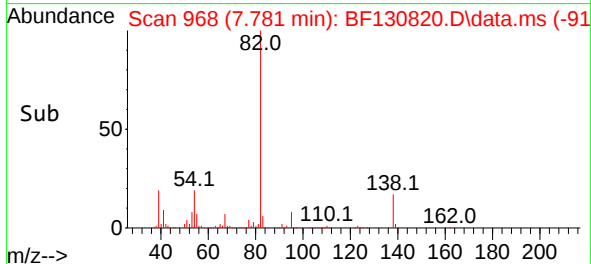
Instrument :
BNA_F
ClientSampleId :
PB148514BS



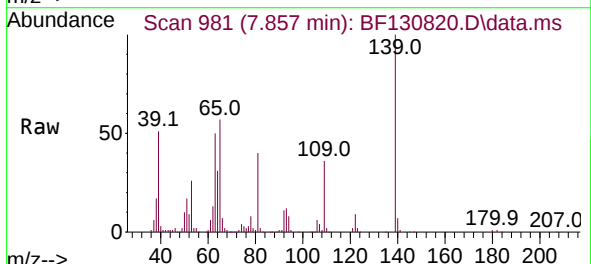
Tgt Ion: 82 Resp: 69884
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 16.5 13.8 20.6

Manual Integrations
APPROVED

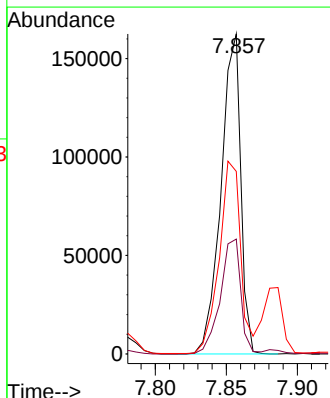
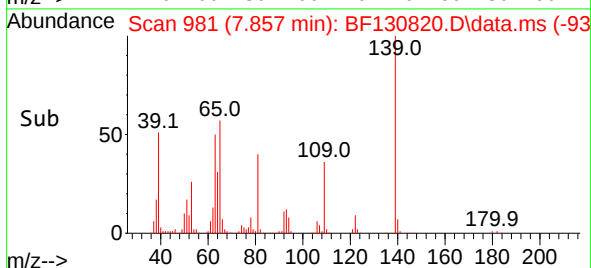
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

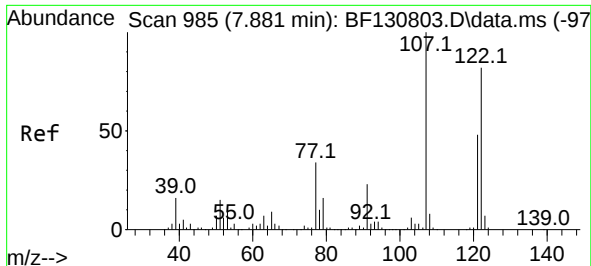


#26
2-Nitrophenol
Concen: 46.291 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:139 Resp: 156918
Ion Ratio Lower Upper
139 100
109 35.9 27.3 40.9
65 57.0 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 46.131 ng

RT: 7.886 min Scan# 985

Delta R.T. 0.005 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

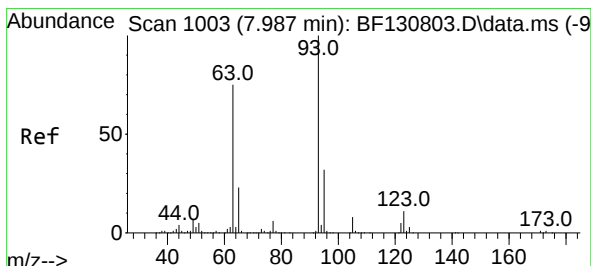
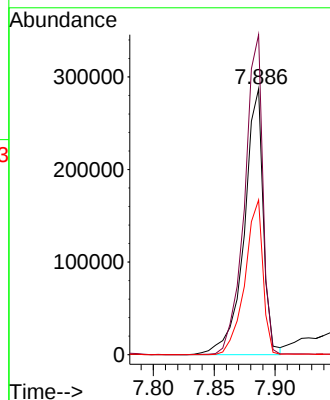
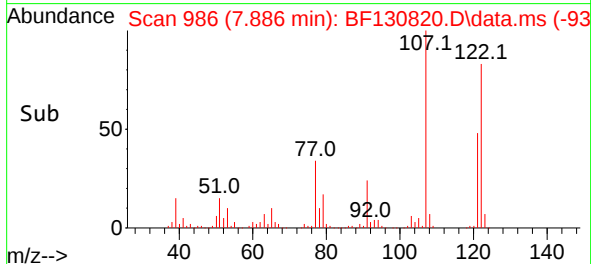
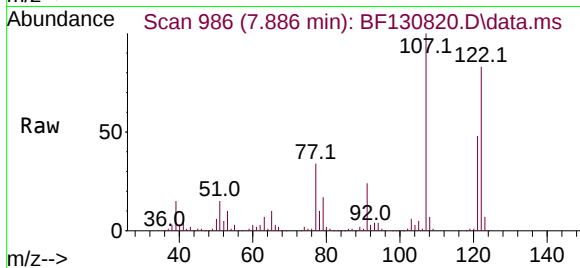
PB148514BS

Tgt Ion:122 Resp: 312358
 Ion Ratio Lower Upper
 122 100
 107 120.4 97.1 145.7
 121 58.2 46.9 70.3

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.378 ng

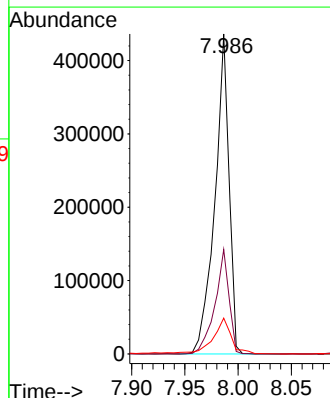
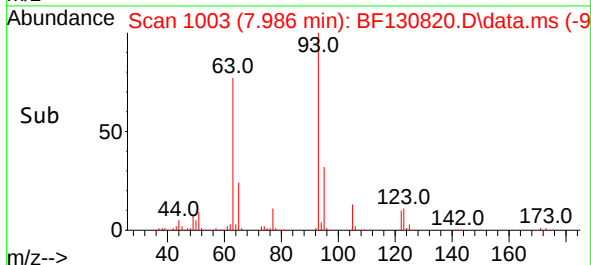
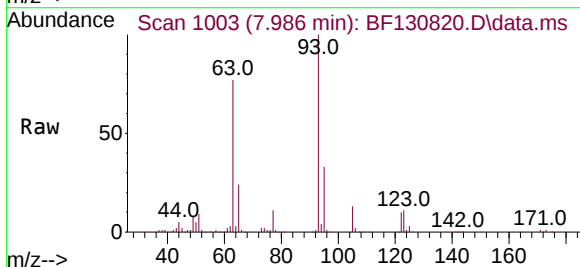
RT: 7.986 min Scan# 1003

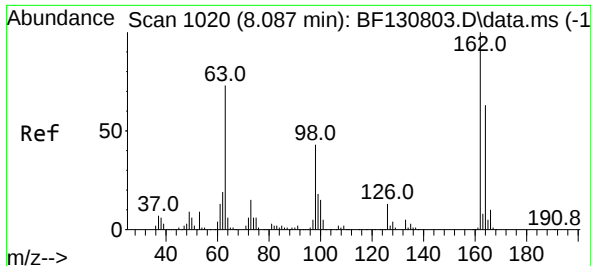
Delta R.T. -0.000 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Tgt Ion: 93 Resp: 403232
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.955 ng

RT: 8.092 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

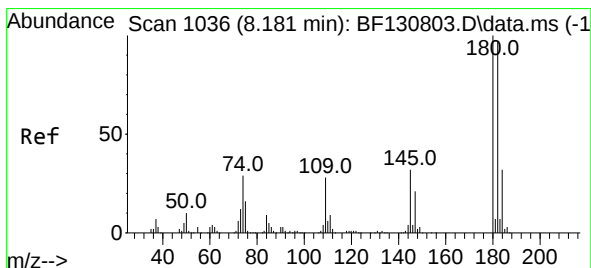
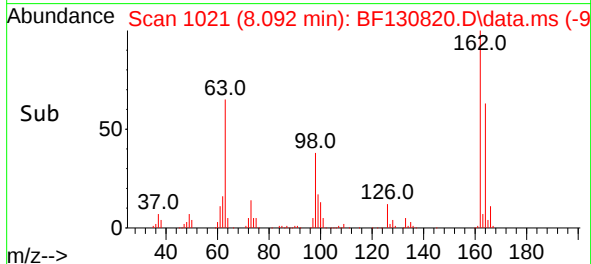
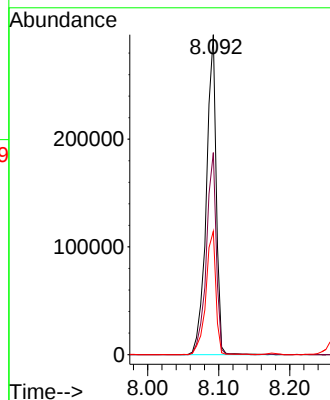
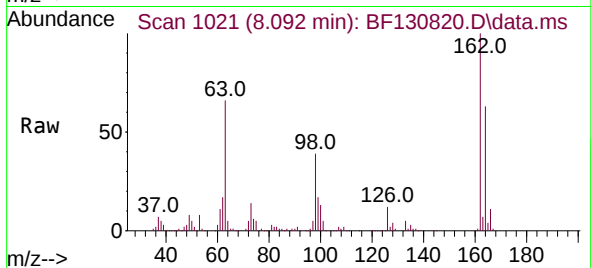
PB148514BS

Tgt Ion:162 Resp: 285268
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.2 83.2
 98 38.5 22.8 62.8

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 39.675 ng

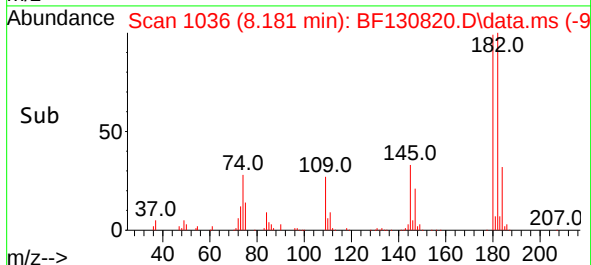
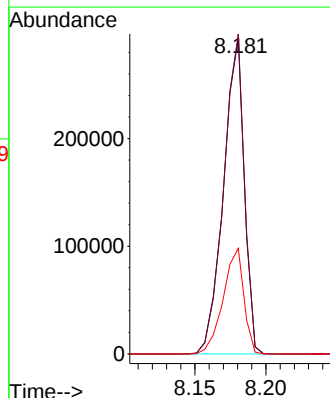
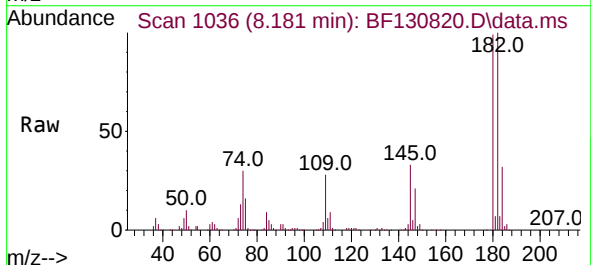
RT: 8.181 min Scan# 1036

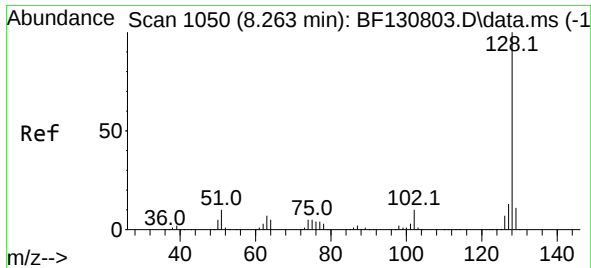
Delta R.T. -0.000 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Tgt Ion:180 Resp: 297171
 Ion Ratio Lower Upper
 180 100
 182 101.3 77.7 116.5
 145 33.4 25.9 38.9





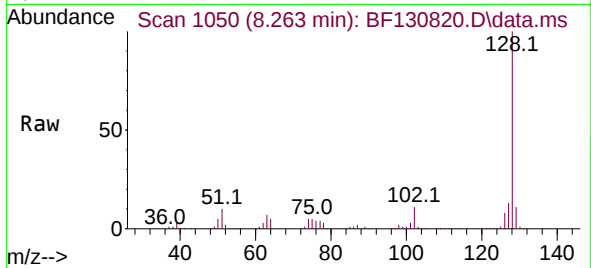
#31
Naphthalene
Concen: 39.113 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

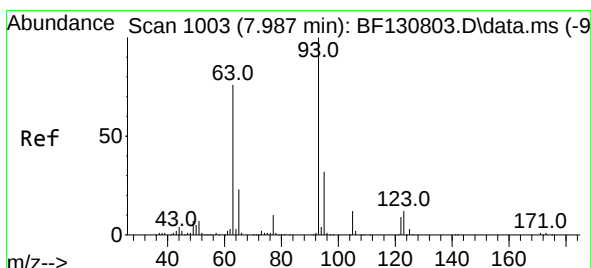
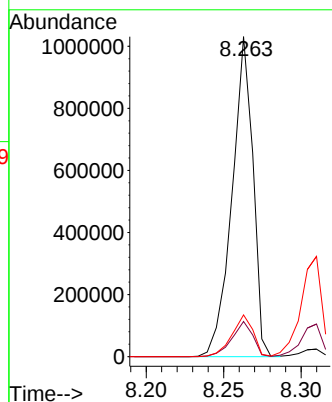
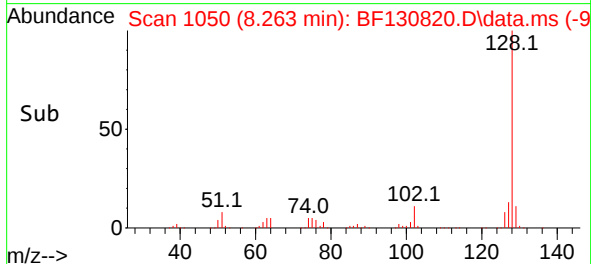


Tgt Ion:128 Resp: 970833
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.6 16.0

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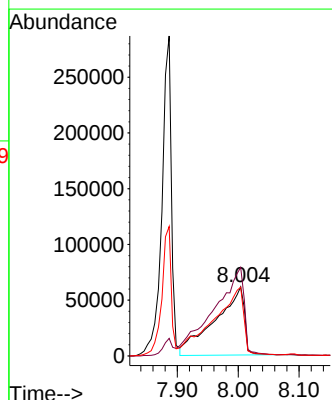
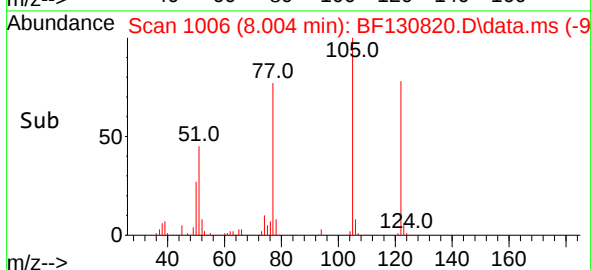
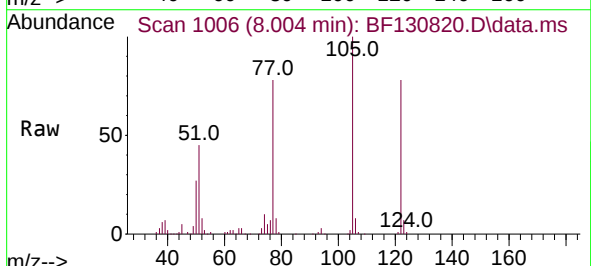
APPROVED

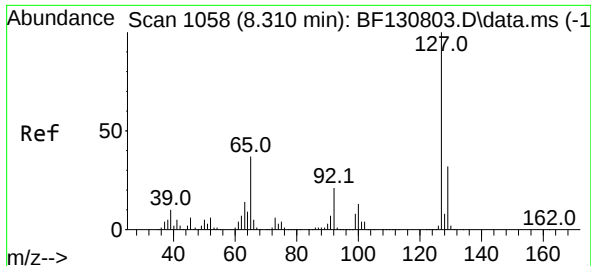
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 43.318 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.017 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:122 Resp: 204162
Ion Ratio Lower Upper
122 100
105 128.4 114.5 154.5
77 99.6 89.8 129.8





#33
4-Chloroaniline
Concen: 31.071 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

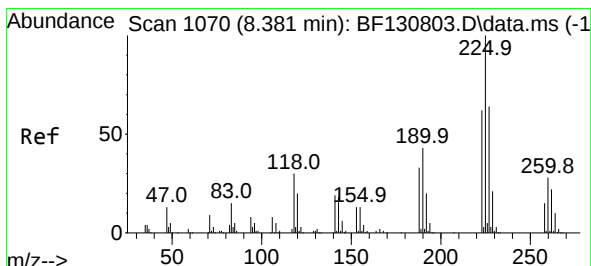
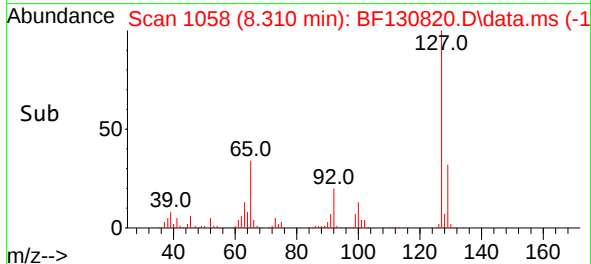
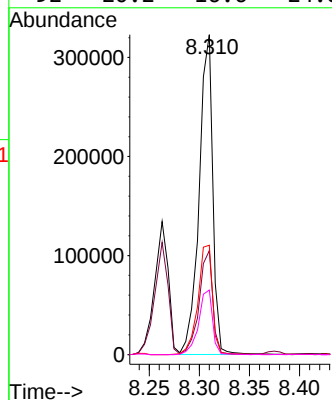
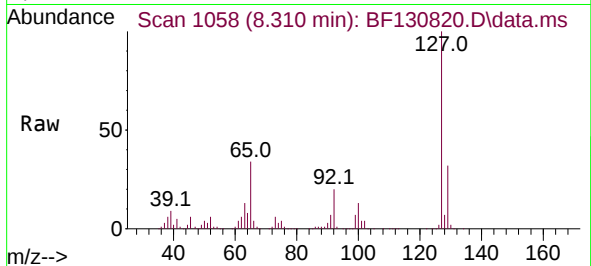
ClientSampleId :

PB148514BS

Tgt Ion:127 Resp: 304752
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 34.2 29.4 44.2
92 20.2 16.6 24.8

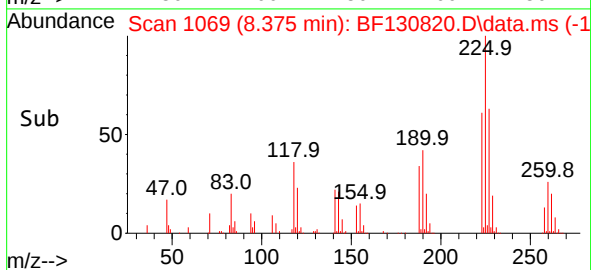
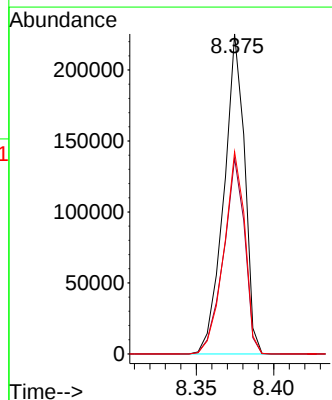
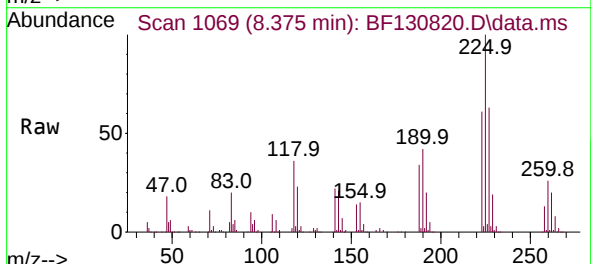
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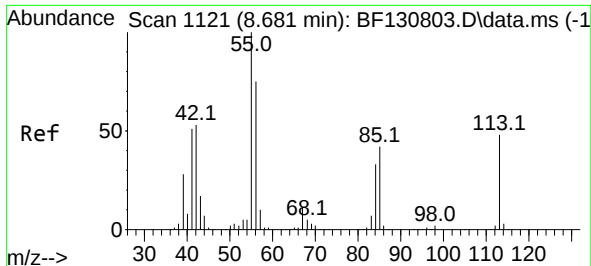
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 42.206 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

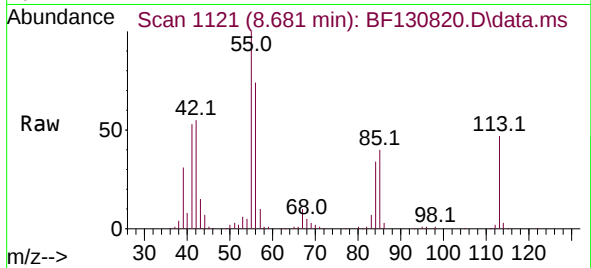
Tgt Ion:225 Resp: 209849
Ion Ratio Lower Upper
225 100
223 61.1 49.9 74.9
227 63.2 51.5 77.3





#35
 Caprolactam
 Concen: 39.317 ng m
 RT: 8.681 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF130820.D
 Acq: 28 Oct 2022 11:22

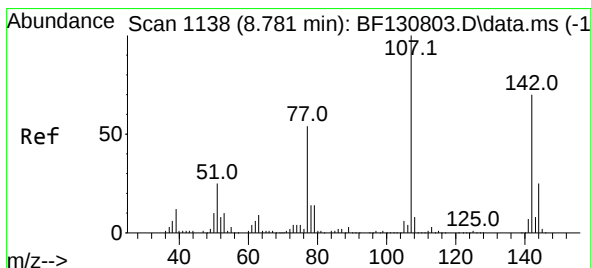
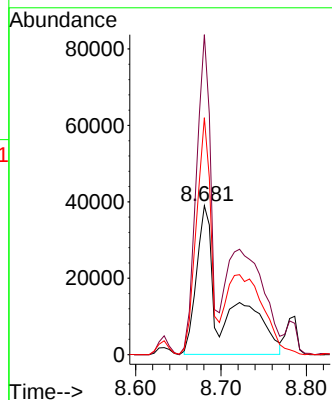
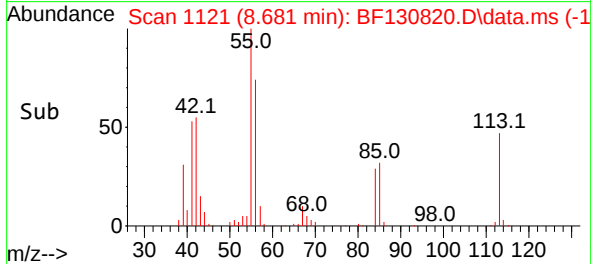
Instrument :
 BNA_F
 ClientSampleId :
 PB148514BS



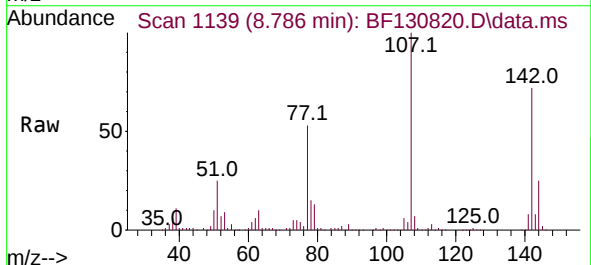
Tgt Ion:113 Resp: 87761
 Ion Ratio Lower Upper
 113 100
 55 214.9 187.0 227.0
 56 159.1 134.2 174.2

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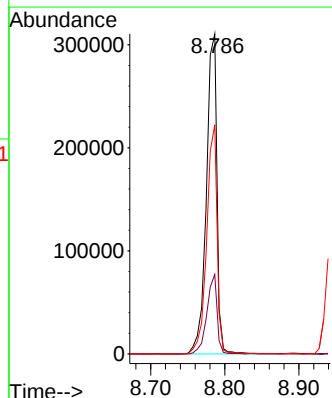
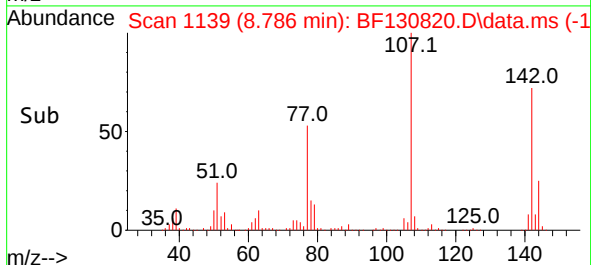
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

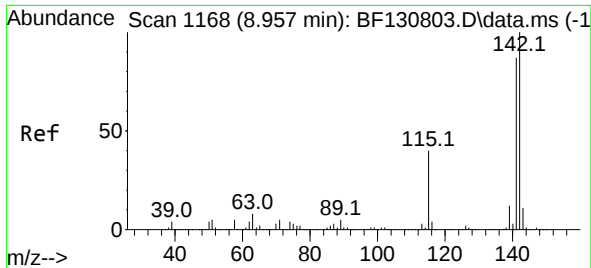


#36
 4-Chloro-3-methylphenol
 Concen: 40.633 ng
 RT: 8.786 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: BF130820.D
 Acq: 28 Oct 2022 11:22



Tgt Ion:107 Resp: 307003
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.8
 142 71.6 56.0 84.0





#37

2-Methylnaphthalene

Concen: 38.966 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

Tgt Ion:142 Resp: 608362

Ion Ratio Lower Upper

142 100

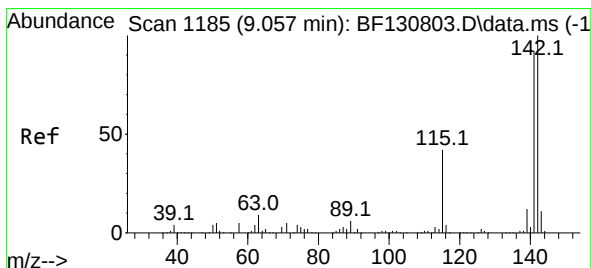
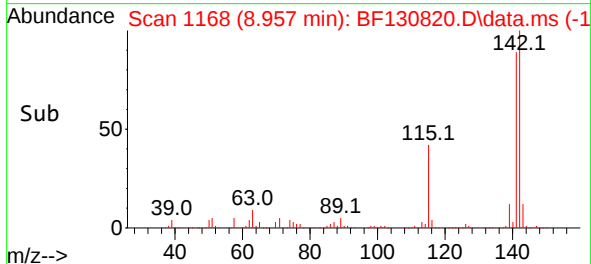
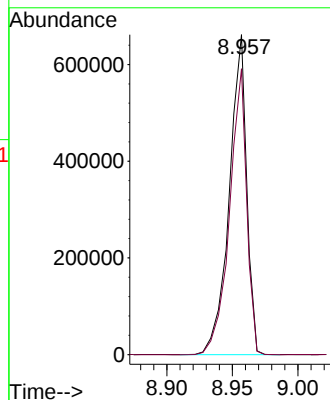
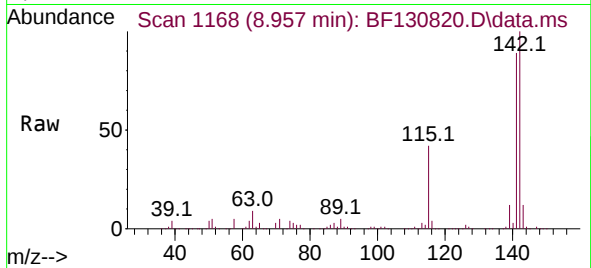
141 89.3 69.9 104.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 38.331 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF130820.D

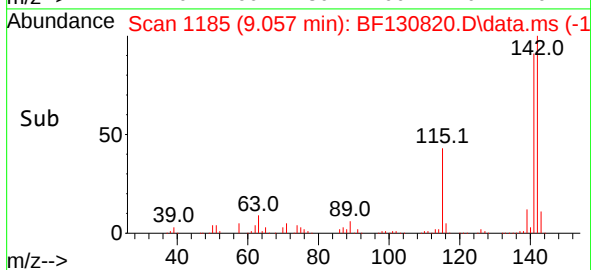
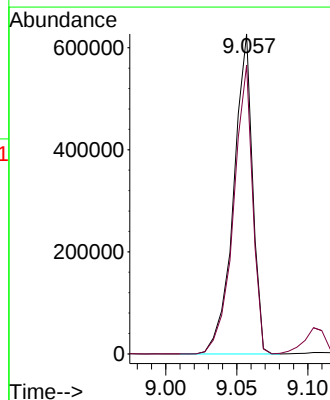
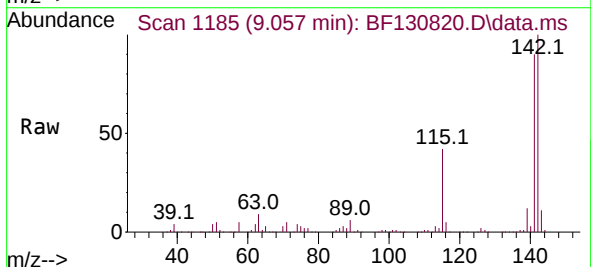
Acq: 28 Oct 2022 11:22

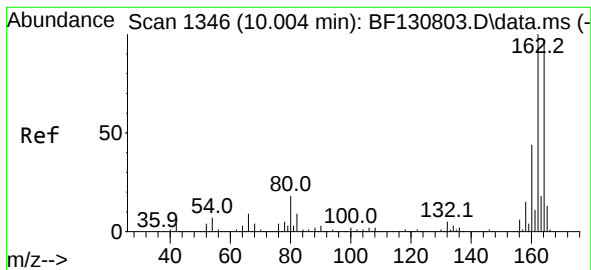
Tgt Ion:142 Resp: 582412

Ion Ratio Lower Upper

142 100

141 90.2 73.5 110.3





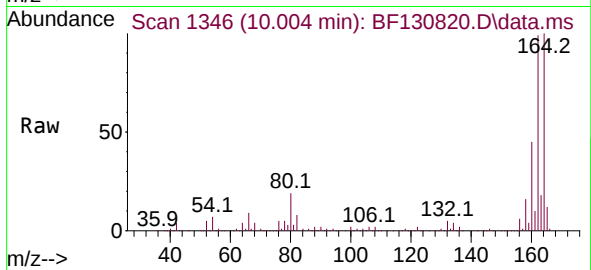
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

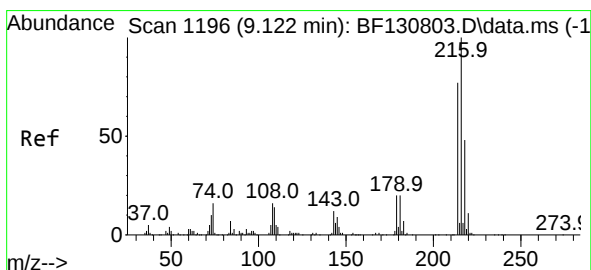
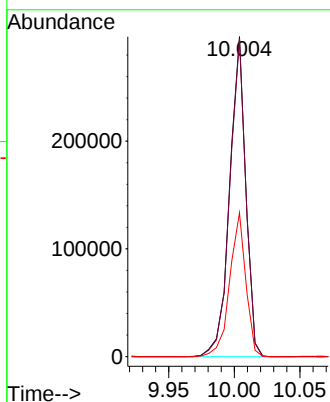
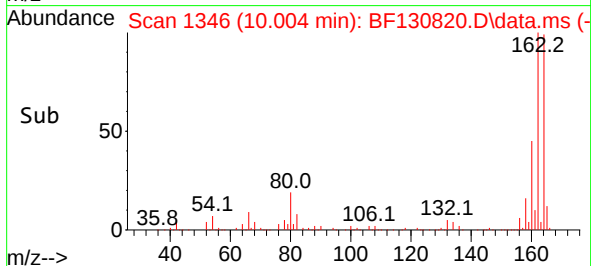


Tgt Ion:164 Resp: 254172
Ion Ratio Lower Upper
164 100
162 99.4 82.2 123.2
160 44.9 36.6 54.8

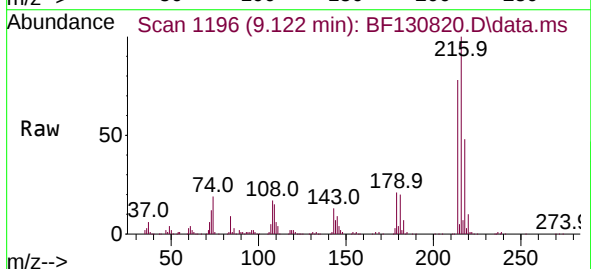
Manual Integrations

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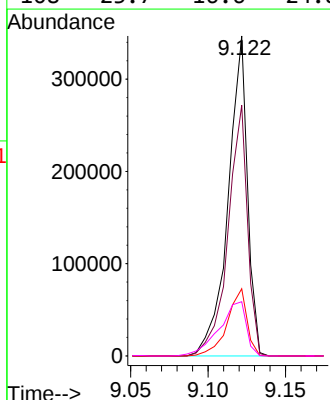
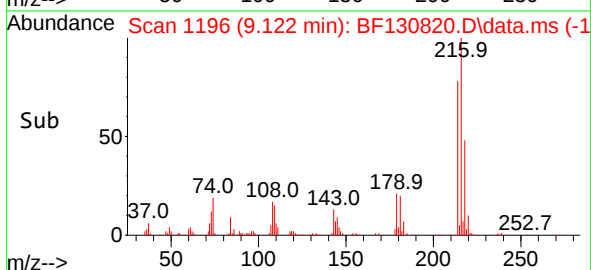
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

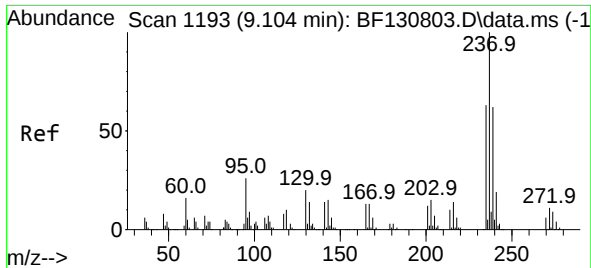


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.934 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



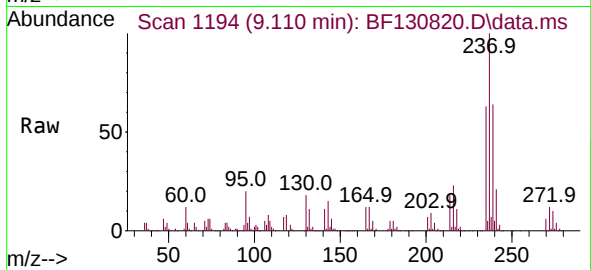
Tgt Ion:216 Resp: 302262
Ion Ratio Lower Upper
216 100
214 78.9 62.7 94.1
179 21.4 16.9 25.3
108 23.7 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 109.158 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

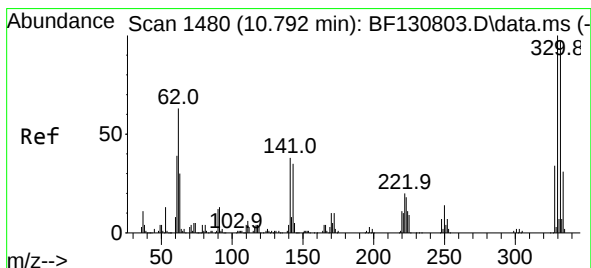
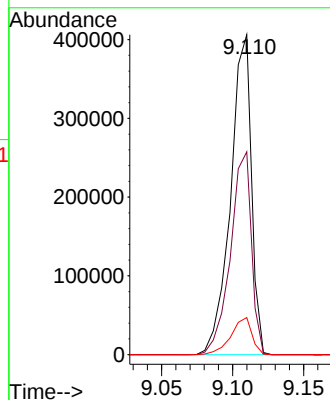
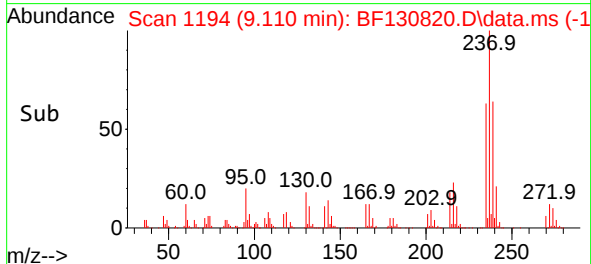
Instrument :
BNA_F
ClientSampleId :
PB148514BS



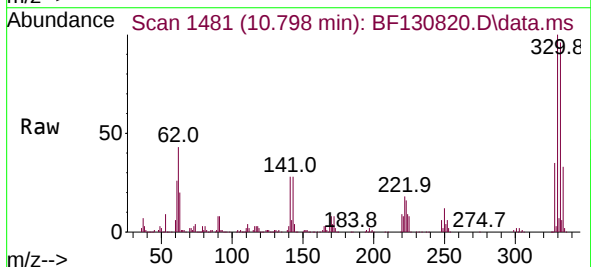
Tgt Ion:237 Resp: 413412
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 11.6 0.0 31.4

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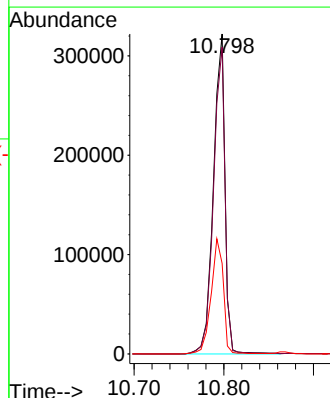
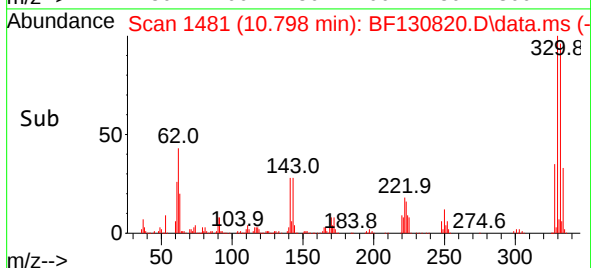
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

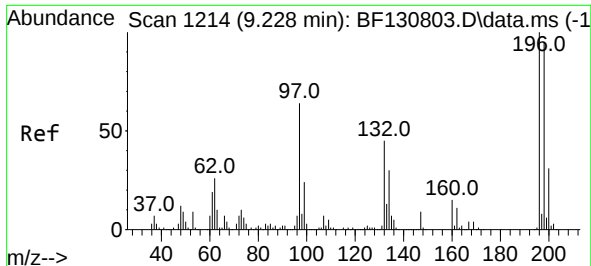


#42
2,4,6-Tribromophenol
Concen: 134.589 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:330 Resp: 287975
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 38.0 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 41.255 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

Tgt Ion:196 Resp: 206628

Ion Ratio Lower Upper

196 100

198 94.9 76.1 114.1

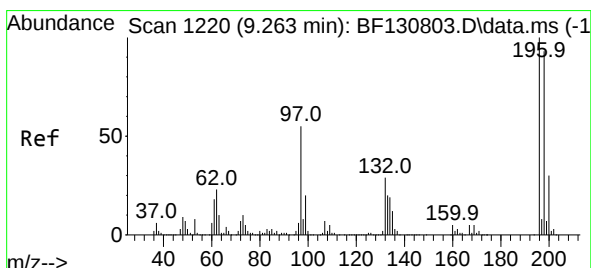
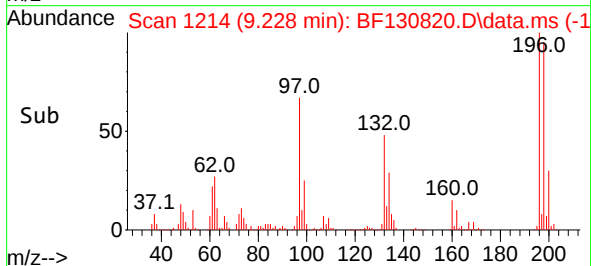
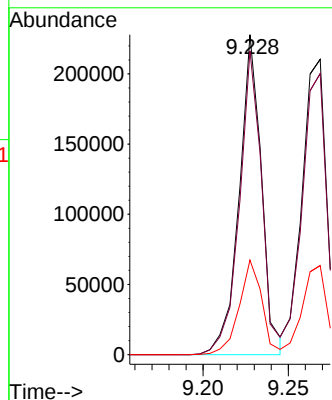
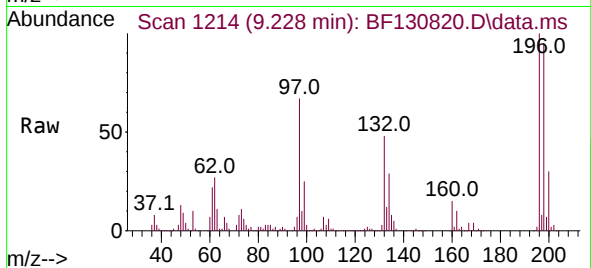
200 29.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#44

2,4,5-Trichlorophenol

Concen: 39.828 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Tgt Ion:196 Resp: 213128

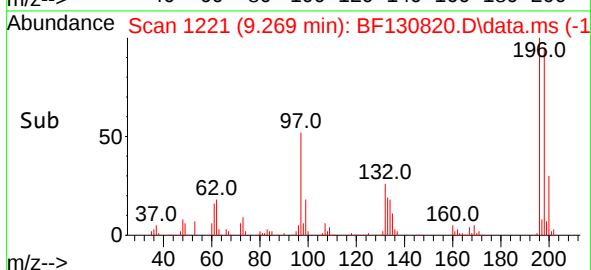
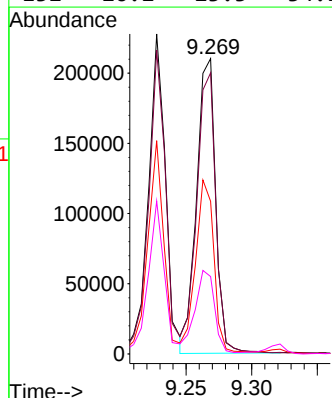
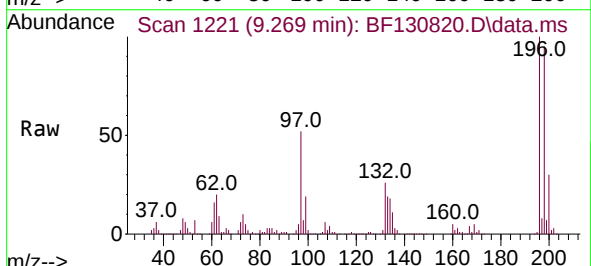
Ion Ratio Lower Upper

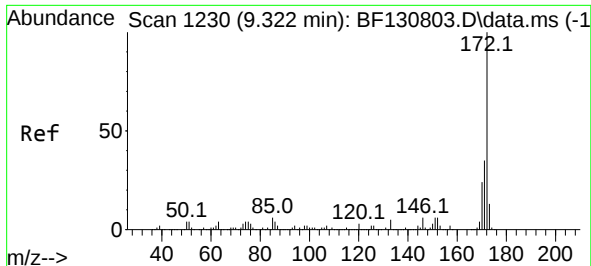
196 100

198 95.2 74.6 112.0

97 51.7 44.7 67.1

132 26.2 23.3 34.9





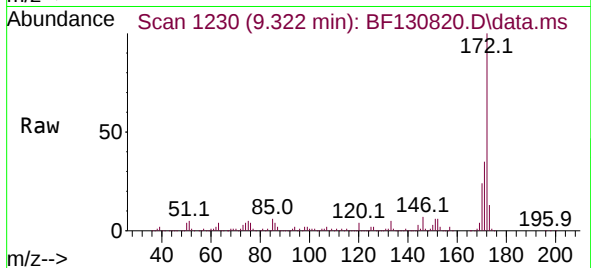
#45
2-Fluorobiphenyl
Concen: 79.683 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

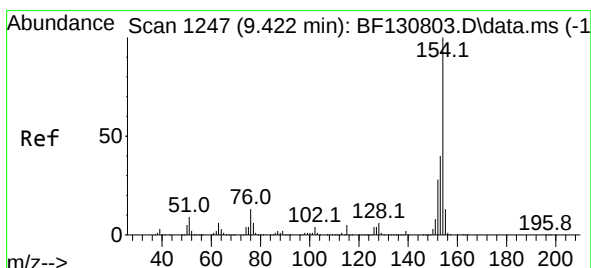
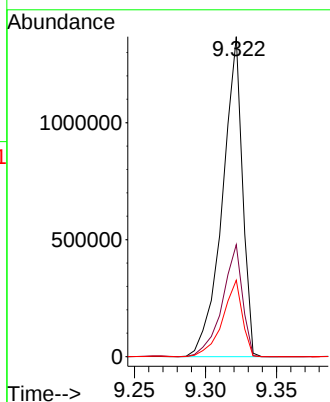
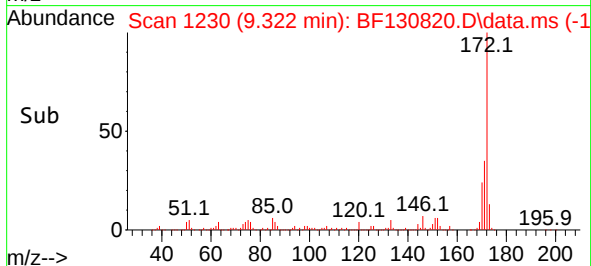


Tgt Ion:172 Resp: 1339629
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.9 19.0 28.4

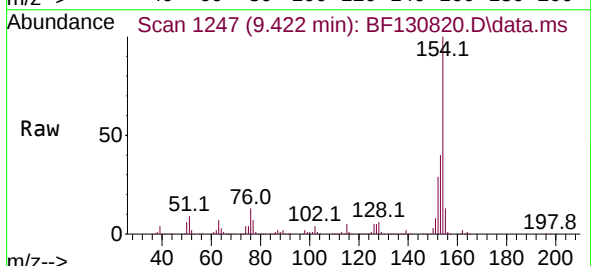
Manual Integrations

APPROVED

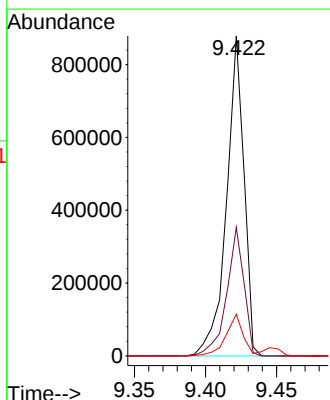
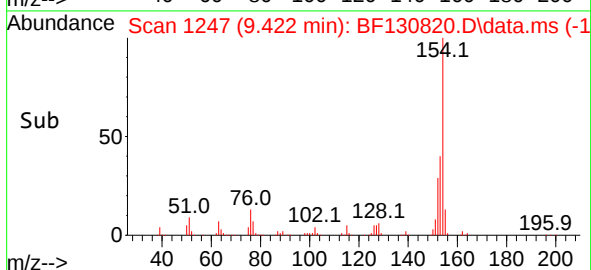
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

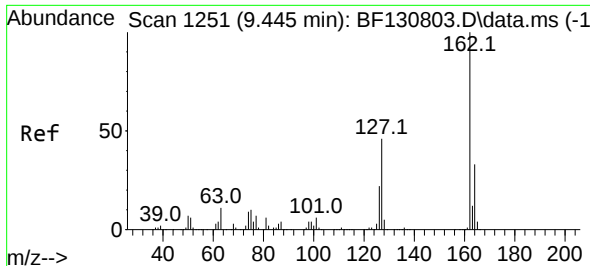


#46
1,1'-Biphenyl
Concen: 41.474 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:154 Resp: 751050
Ion Ratio Lower Upper
154 100
153 40.2 19.9 59.9
76 13.0 0.0 32.5





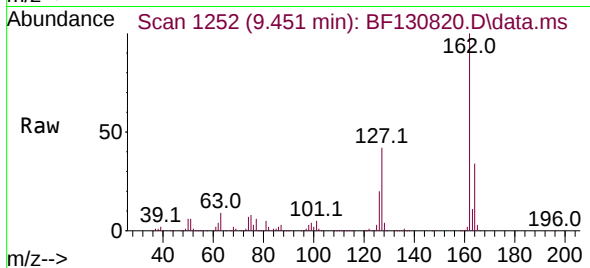
#47
2-Chloronaphthalene
Concen: 39.731 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

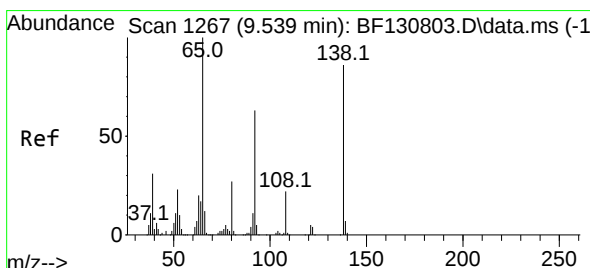
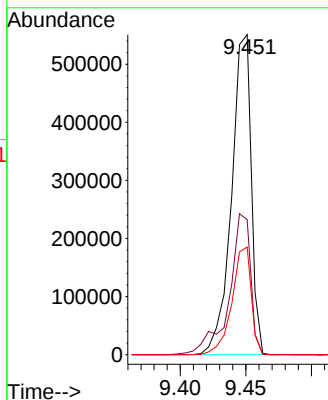
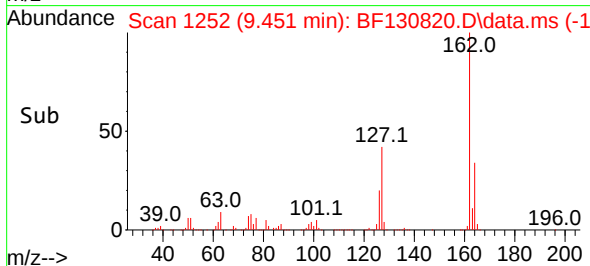


Tgt Ion:162 Resp: 576931
Ion Ratio Lower Upper
162 100
127 42.2 36.6 54.8
164 33.6 26.5 39.7

Manual Integrations

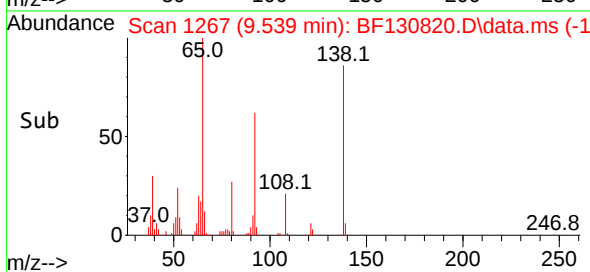
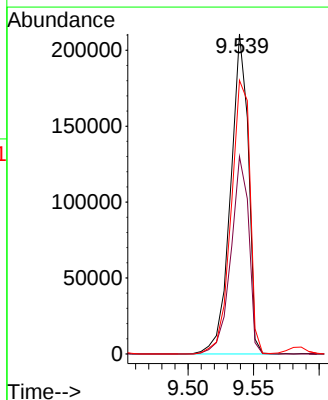
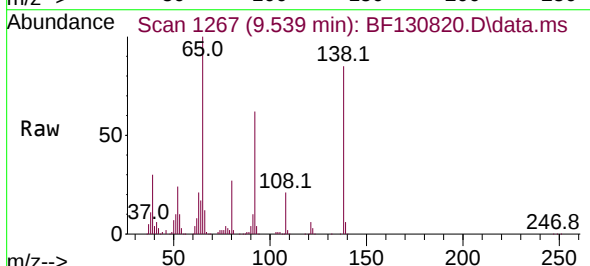
APPROVED

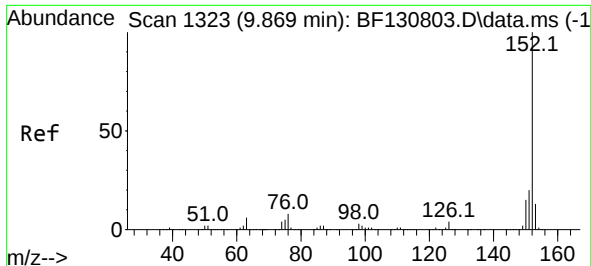
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#48
2-Nitroaniline
Concen: 42.760 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion: 65 Resp: 197342
Ion Ratio Lower Upper
65 100
92 61.7 50.1 75.1
138 85.5 69.2 103.8





#49

Acenaphthylene

Concen: 39.189 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF130820.D

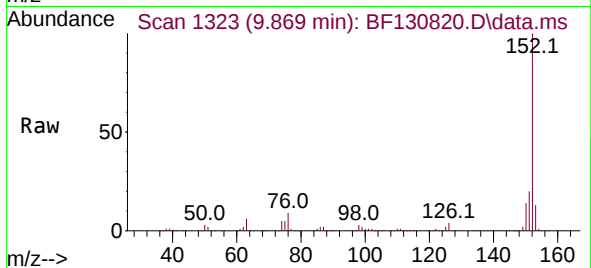
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS



Tgt Ion:152 Resp: 899254

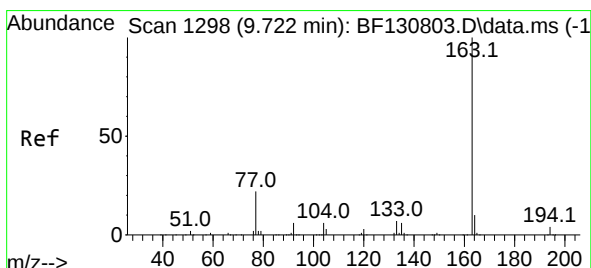
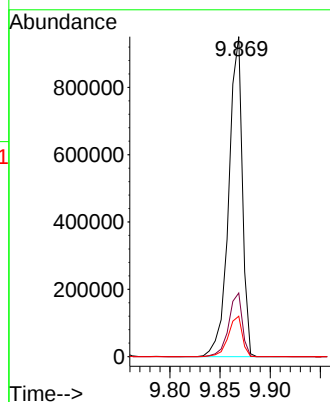
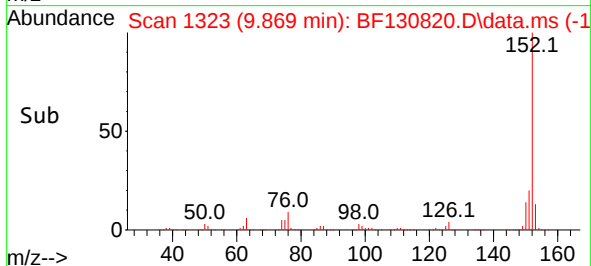
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.6	10.2	15.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#50

Dimethylphthalate

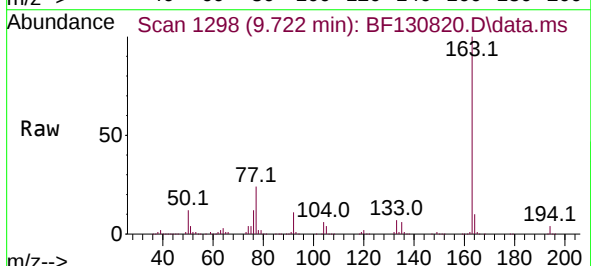
Concen: 38.610 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

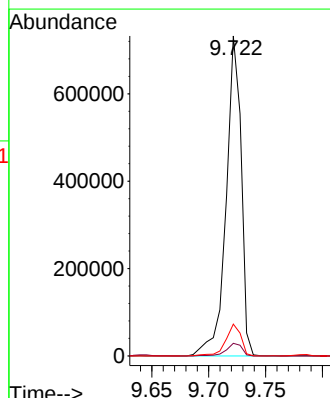
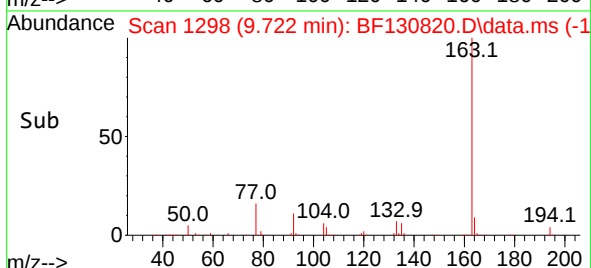
Lab File: BF130820.D

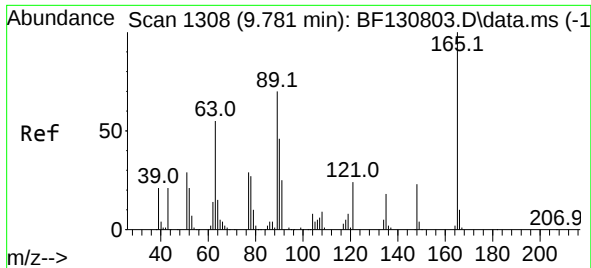
Acq: 28 Oct 2022 11:22



Tgt Ion:163 Resp: 674064

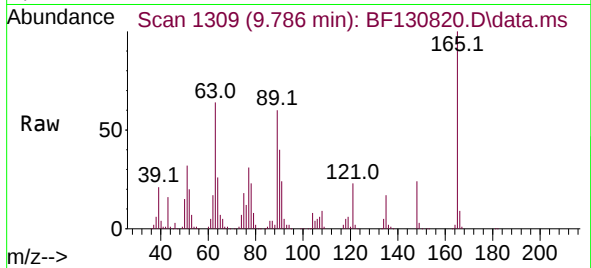
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 43.007 ng
RT: 9.786 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

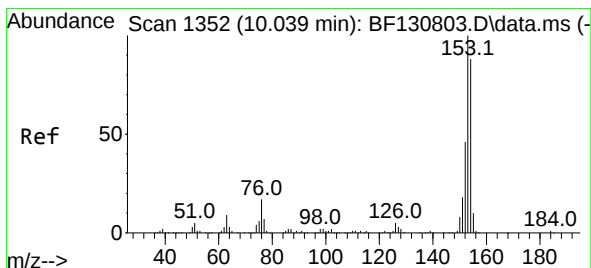
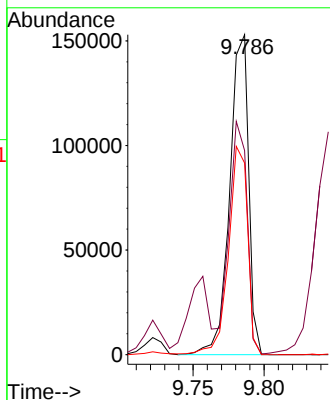
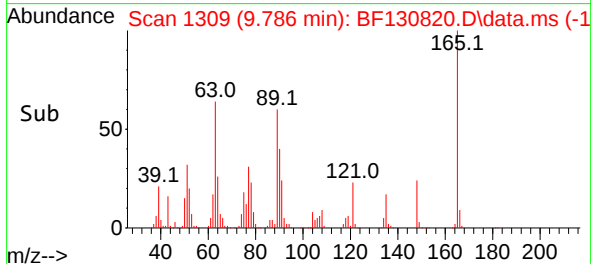
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:165 Resp: 141707
Ion Ratio Lower Upper
165 100
63 63.8 61.8 92.8
89 59.9 56.2 84.4

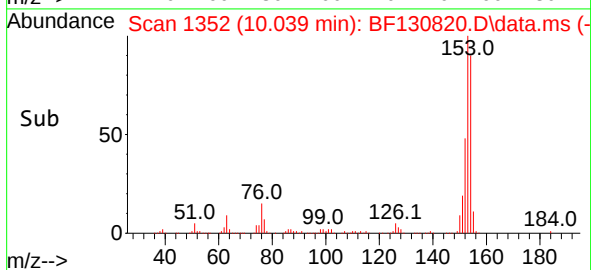
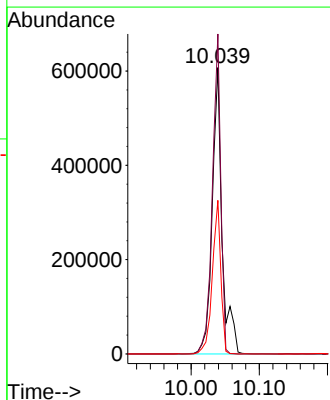
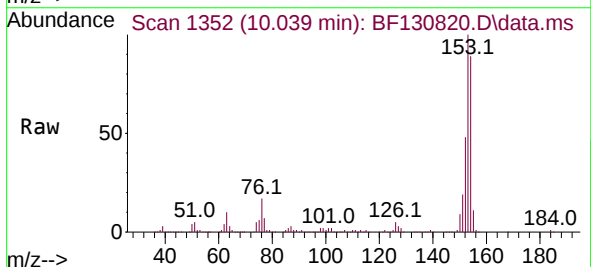
Manual Integrations
APPROVED

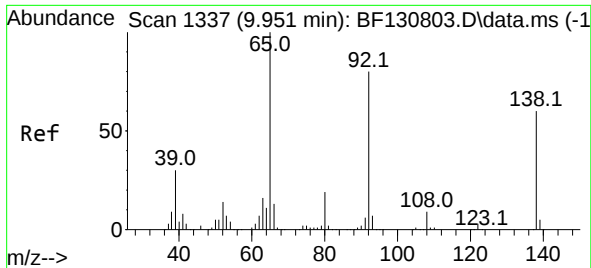
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 43.169 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:154 Resp: 612522
Ion Ratio Lower Upper
154 100
153 111.7 90.5 135.7
152 53.6 42.0 63.0





#53
3-Nitroaniline
Concen: 35.741 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

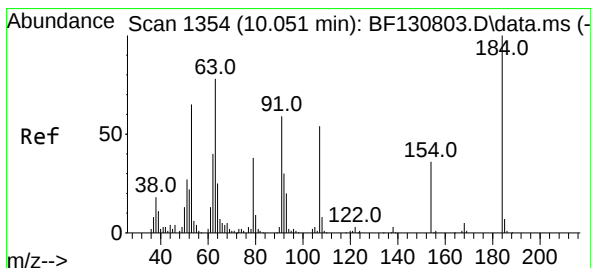
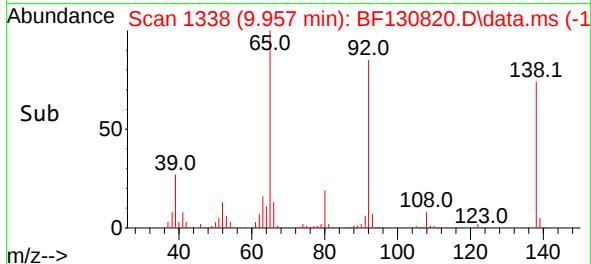
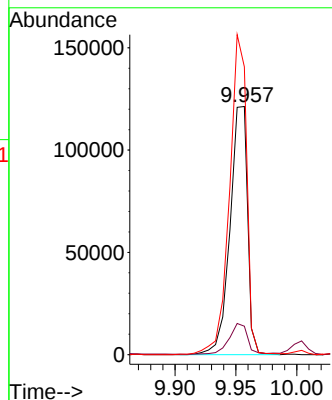
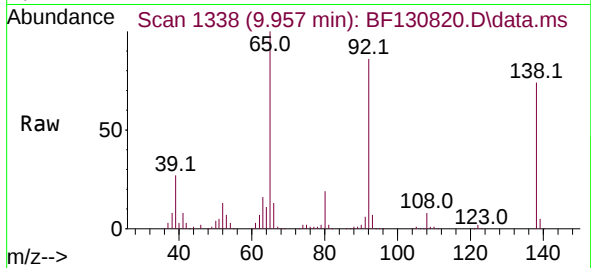
PB148514BS

Tgt Ion:138 Resp: 121536
Ion Ratio Lower Upper
138 100
108 11.4 12.7 19.1
92 116.0 107.8 161.8

Manual Integrations

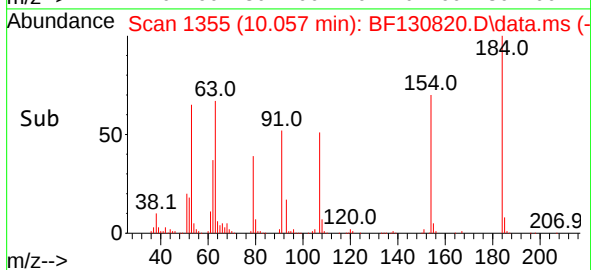
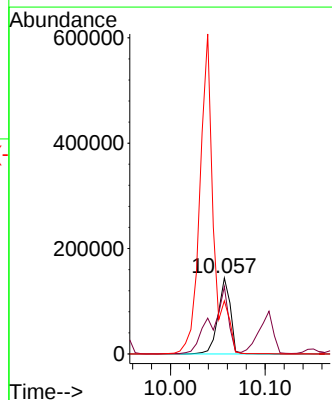
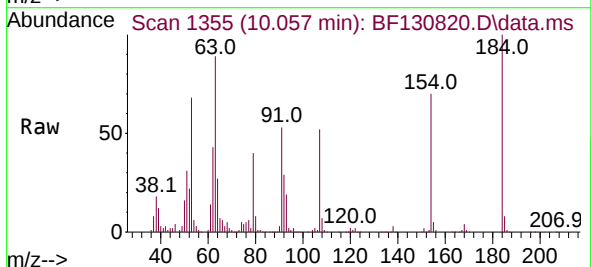
APPROVED

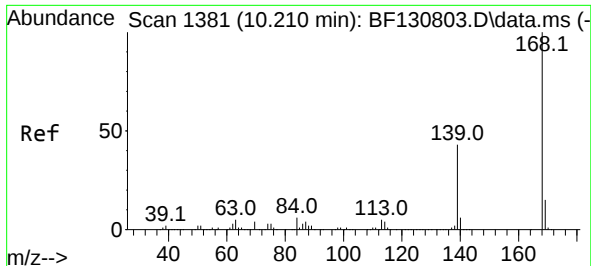
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 80.862 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

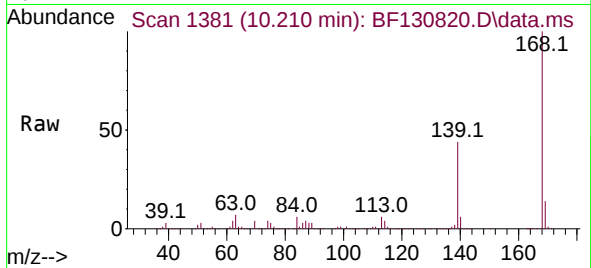
Tgt Ion:184 Resp: 129226
Ion Ratio Lower Upper
184 100
63 88.6 66.7 100.1
154 69.8 62.2 93.2





#55
Dibenzofuran
Concen: 38.571 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

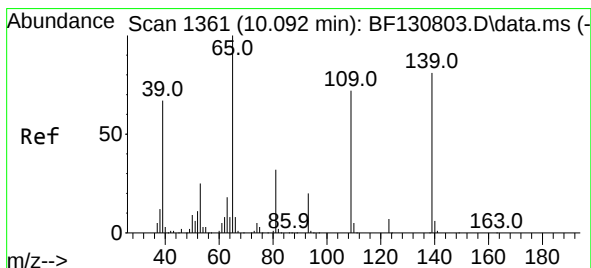
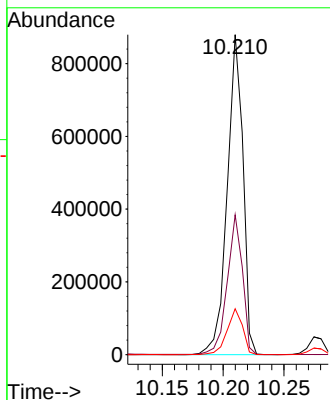
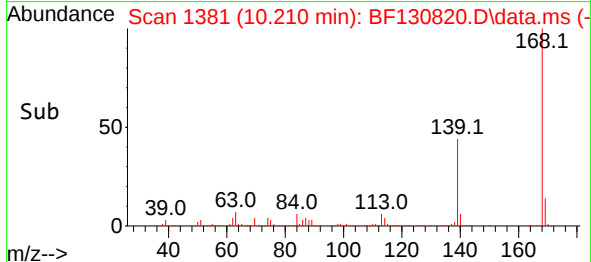
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:168 Resp: 793276
Ion Ratio Lower Upper
168 100
139 43.7 34.3 51.5
169 14.3 11.9 17.9

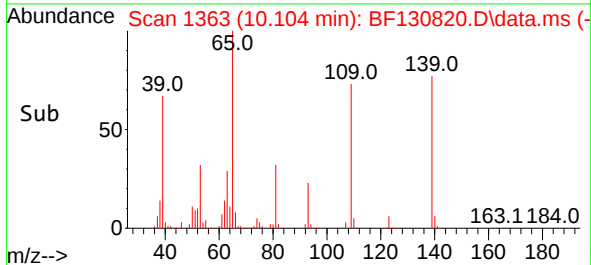
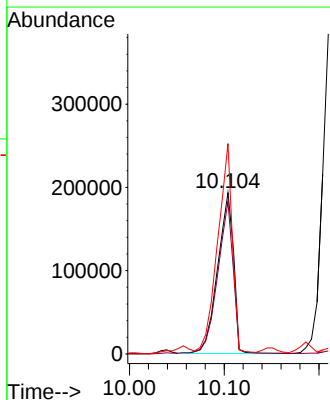
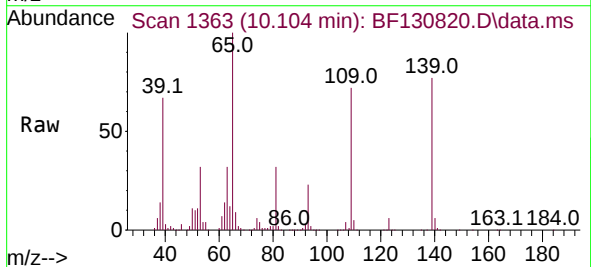
Manual Integrations
APPROVED

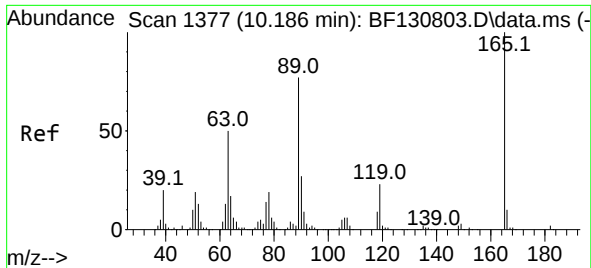
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#56
4-Nitrophenol
Concen: 83.707 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

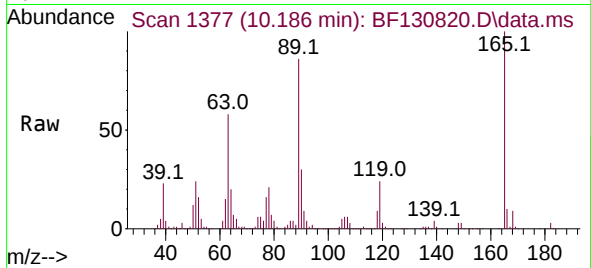
Tgt Ion:139 Resp: 225380
Ion Ratio Lower Upper
139 100
109 94.5 69.3 109.3
65 130.5 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 42.902 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

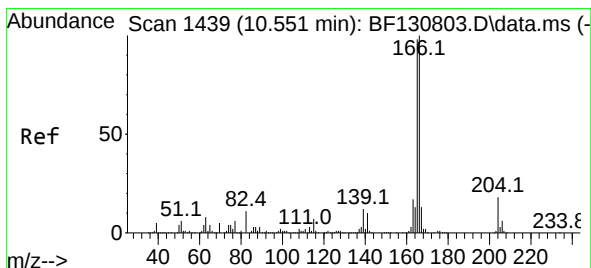
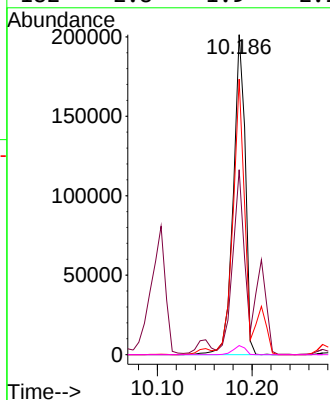
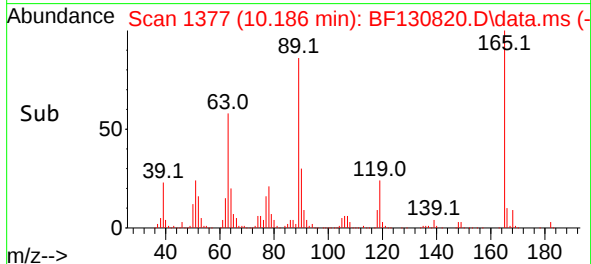
Instrument :
BNA_F
ClientSampleId :
PB148514BS



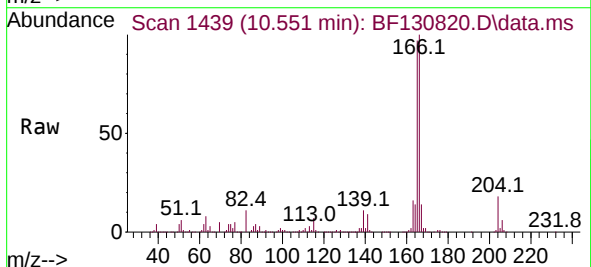
Tgt Ion:165 Resp: 177111
Ion Ratio Lower Upper
165 100
63 57.8 39.8 59.6
89 86.1 61.9 92.9
182 2.8 1.9 2.9

Manual Integrations
APPROVED

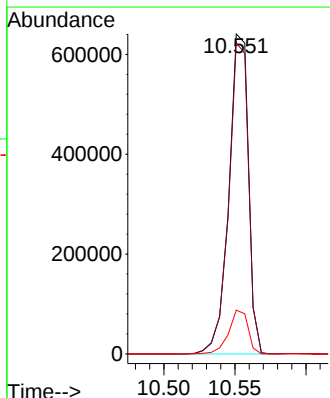
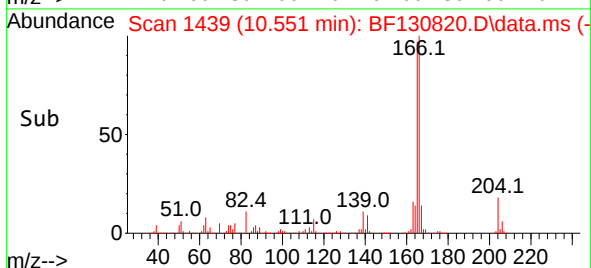
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

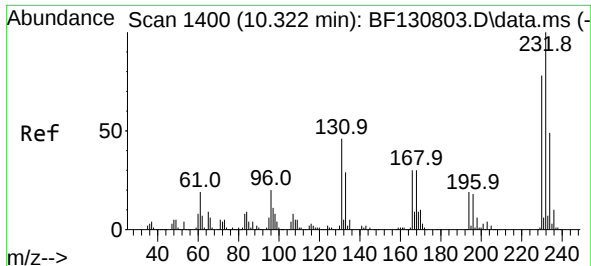


#58
Fluorene
Concen: 37.915 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



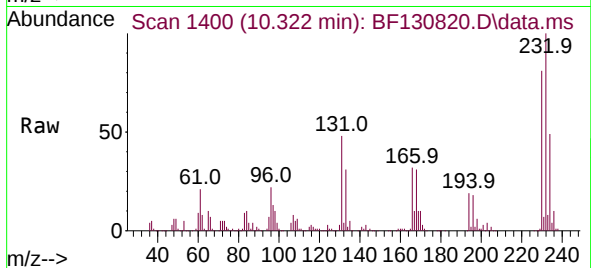
Tgt Ion:166 Resp: 614017
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.156 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

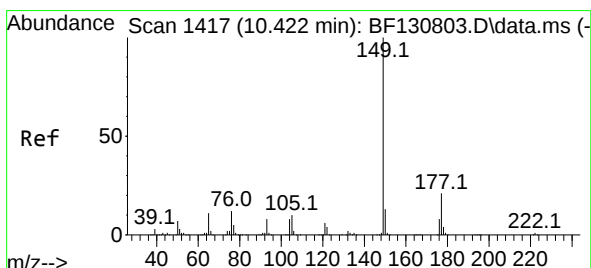
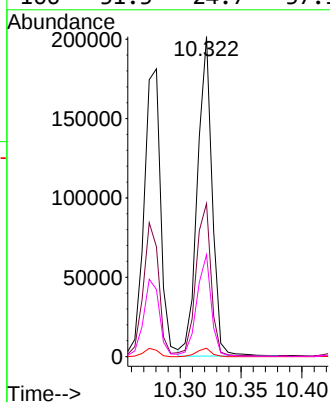
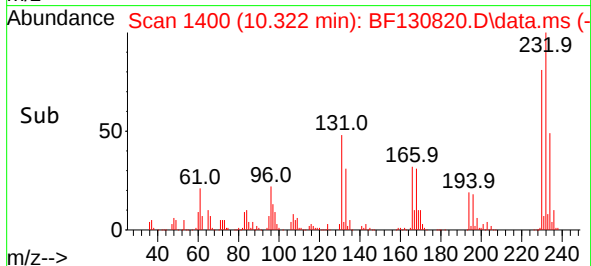
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:232 Resp: 168335
Ion Ratio Lower Upper
232 100
131 49.7 39.6 59.4
130 2.6 2.1 3.1
166 31.3 24.7 37.1

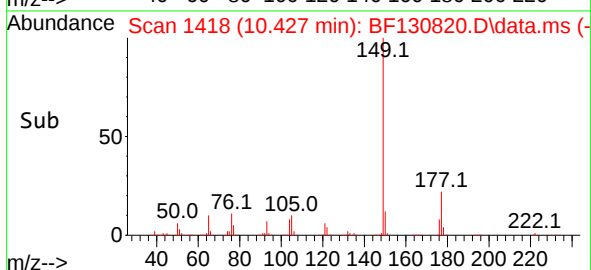
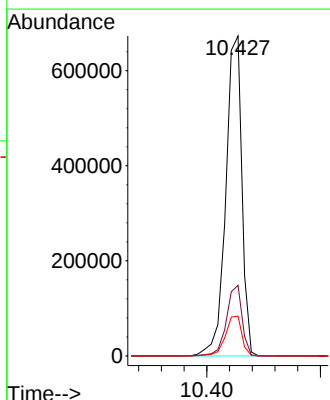
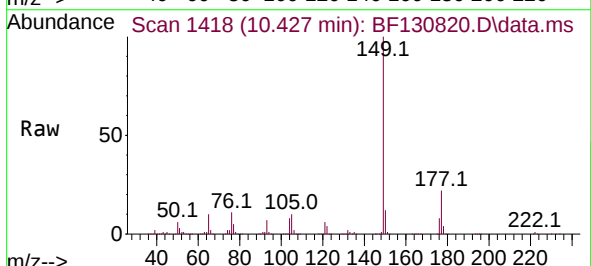
Manual Integrations
APPROVED

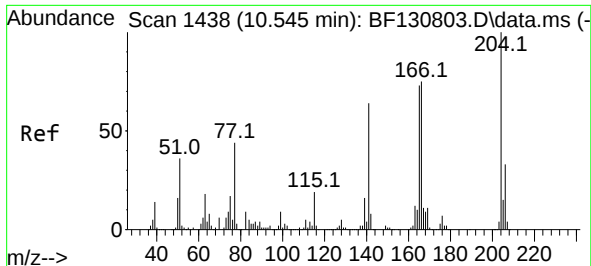
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#60
Diethylphthalate
Concen: 38.602 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

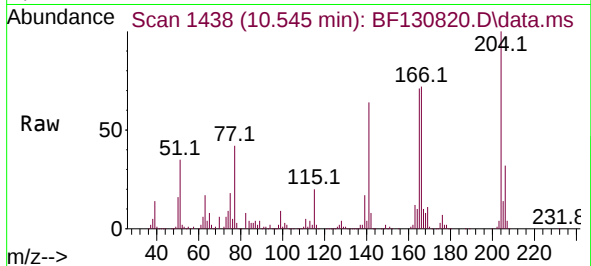
Tgt Ion:149 Resp: 662784
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.4 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 39.238 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

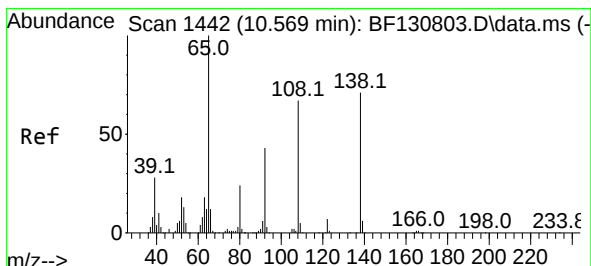
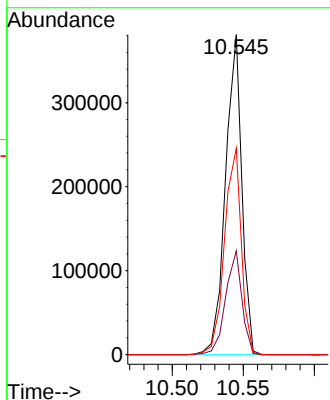
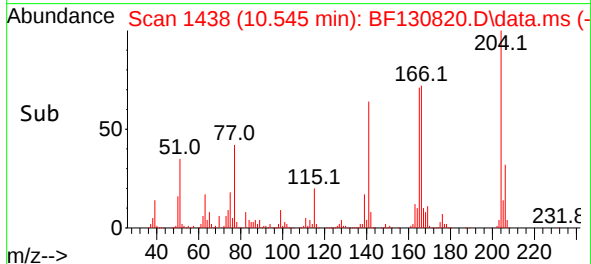
Instrument :
BNA_F
ClientSampleId :
PB148514BS



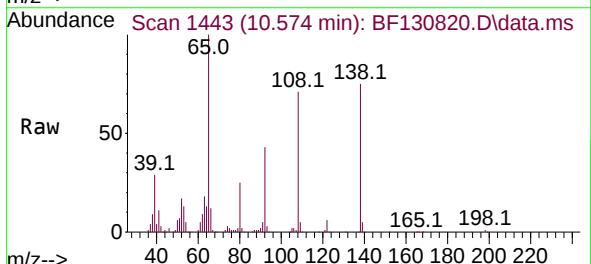
Tgt Ion:204 Resp: 303990
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 64.5 51.3 76.9

Manual Integrations
APPROVED

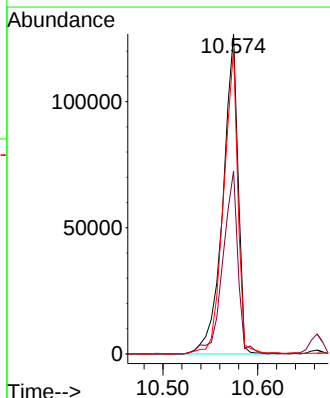
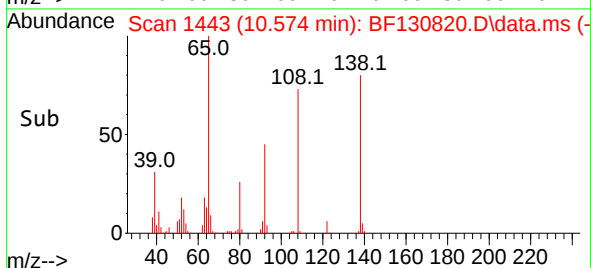
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

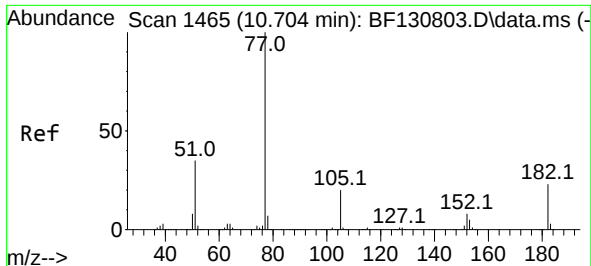


#62
4-Nitroaniline
Concen: 40.781 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



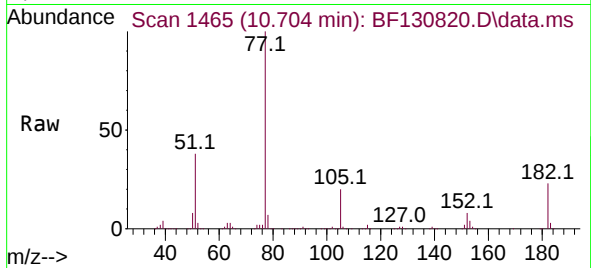
Tgt Ion:138 Resp: 140423
Ion Ratio Lower Upper
138 100
92 57.2 40.6 80.6
108 95.3 74.7 114.7





#63
Azobenzene
Concen: 38.427 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

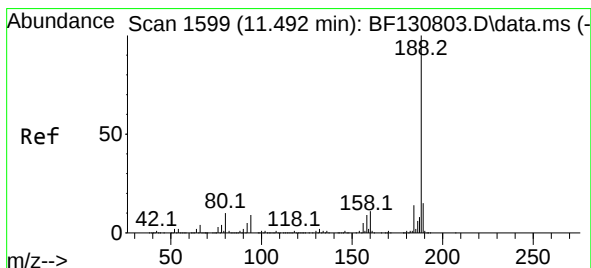
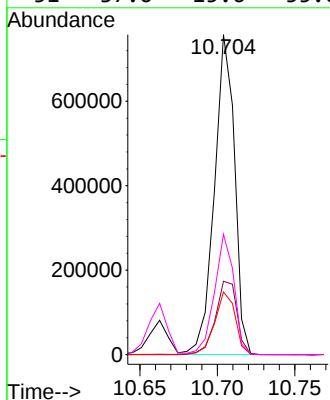
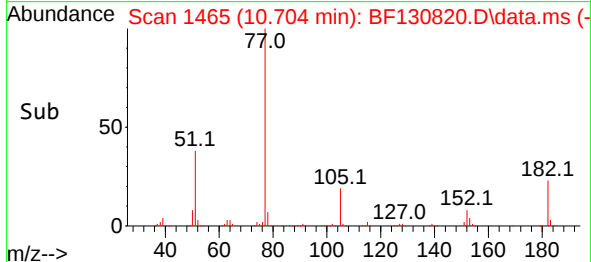
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion: 77 Resp: 688728
Ion Ratio Lower Upper
77 100
182 23.0 2.6 42.6
105 19.6 0.0 40.0
51 37.6 15.6 55.6

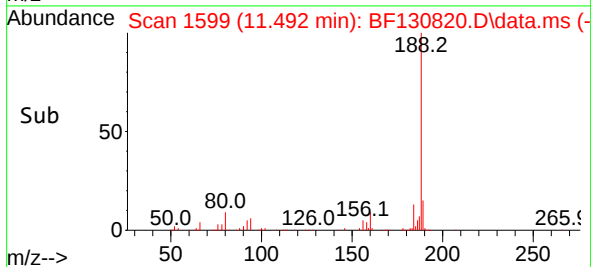
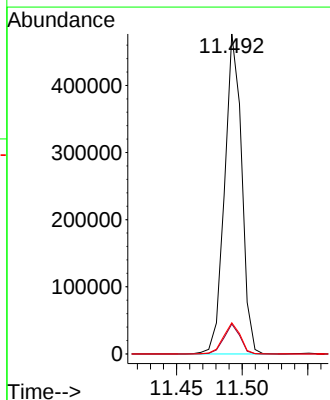
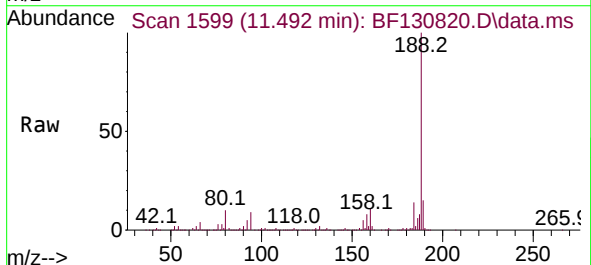
Manual Integrations
APPROVED

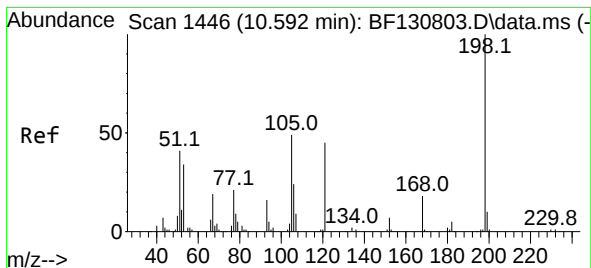
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:188 Resp: 432455
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.7 8.0 12.0





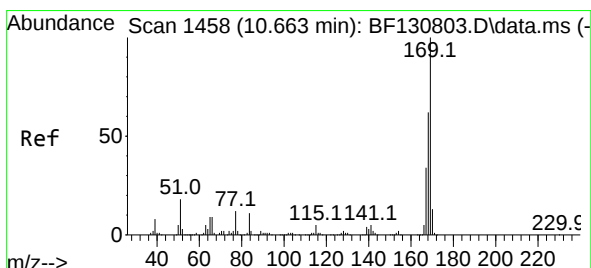
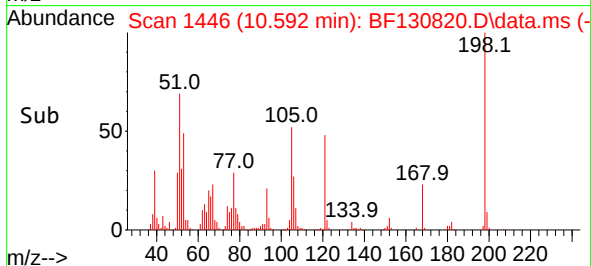
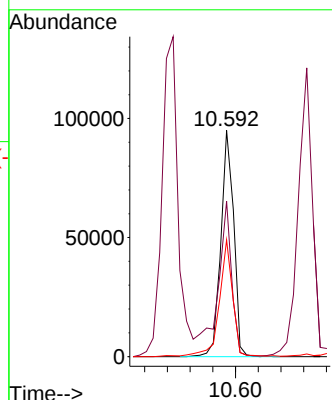
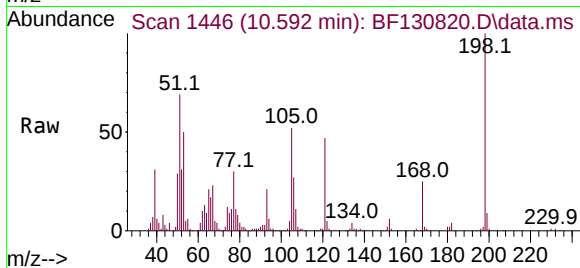
#65
4,6-Dinitro-2-methylphenol
Concen: 42.236 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion:198 Resp: 74273
Ion Ratio Lower Upper
198 100
51 68.8 39.0 79.0
105 51.6 30.6 70.6

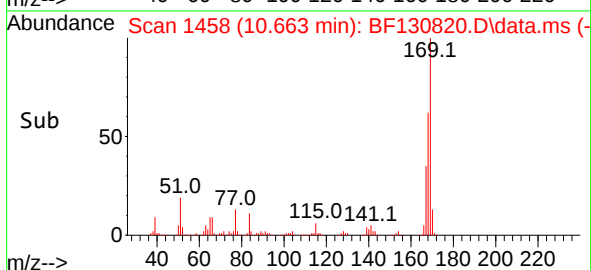
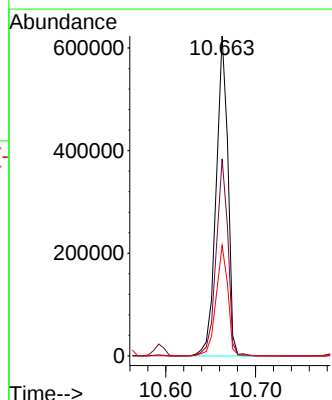
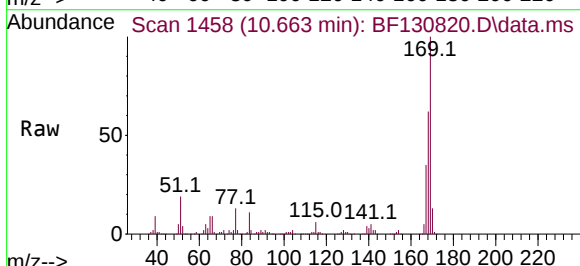
Manual Integrations
APPROVED

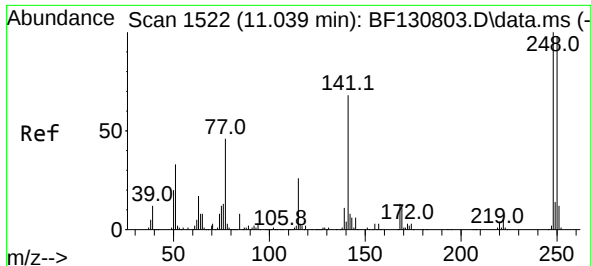
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#66
n-Nitrosodiphenylamine
Concen: 41.962 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

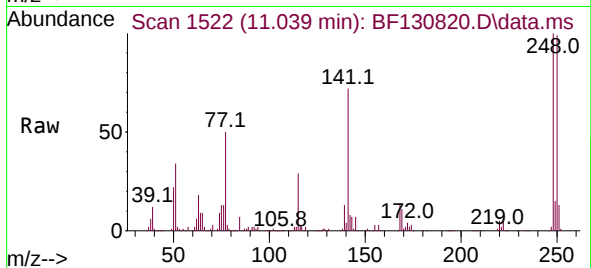
Tgt Ion:169 Resp: 566028
Ion Ratio Lower Upper
169 100
168 61.6 49.4 74.0
167 34.5 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 42.605 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

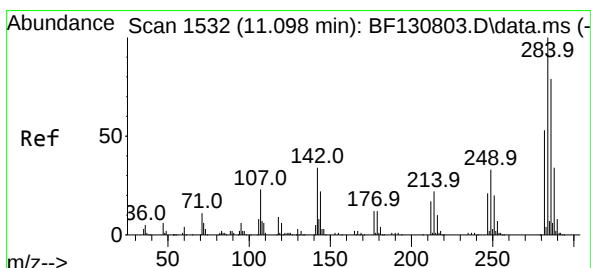
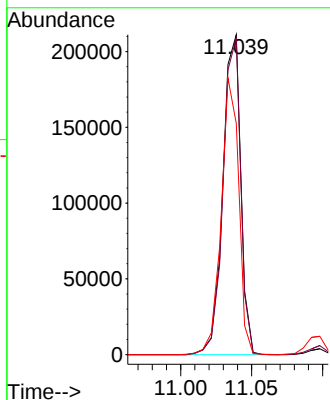
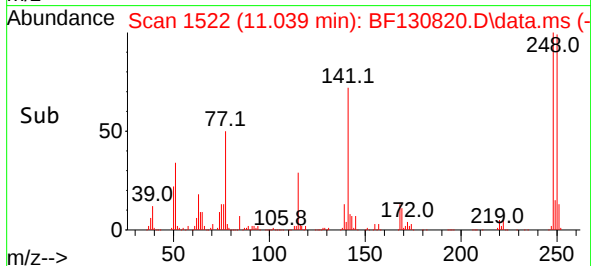
Instrument :
BNA_F
ClientSampleId :
PB148514BS



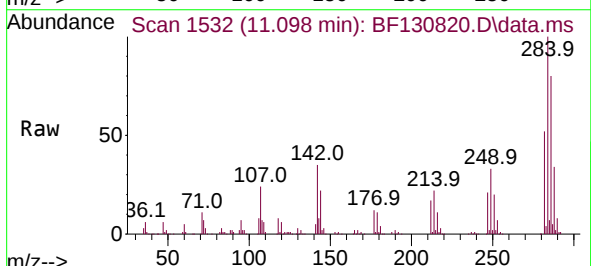
Tgt Ion:248 Resp: 185292
Ion Ratio Lower Upper
248 100
250 98.9 78.6 117.8
141 72.2 54.2 81.4

Manual Integrations
APPROVED

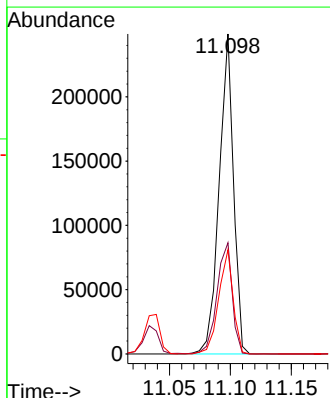
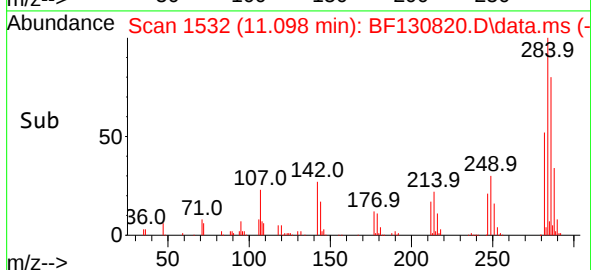
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

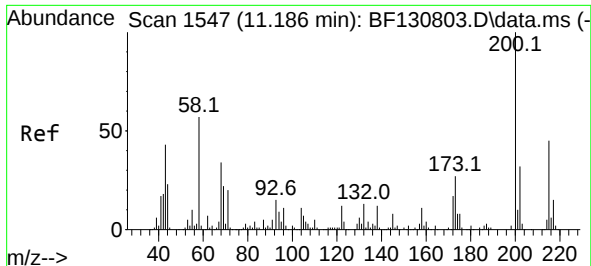


#68
Hexachlorobenzene
Concen: 42.407 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



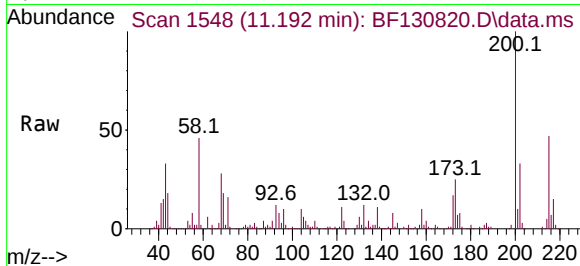
Tgt Ion:284 Resp: 203202
Ion Ratio Lower Upper
284 100
142 34.7 27.1 40.7
249 32.5 26.6 39.8





#69
Atrazine
Concen: 48.078 ng
RT: 11.192 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

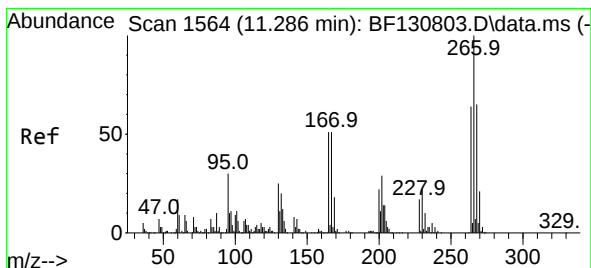
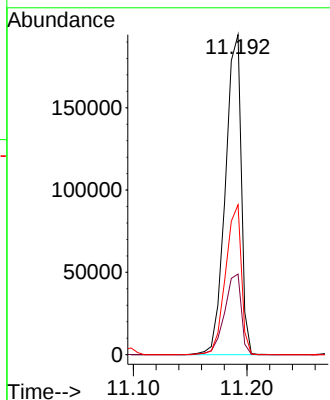
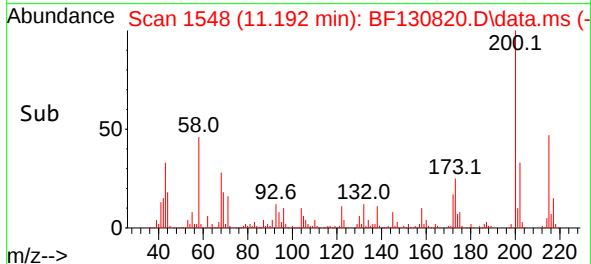
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:200 Resp: 187290
Ion Ratio Lower Upper
200 100
173 25.2 7.1 47.1
215 46.8 25.4 65.4

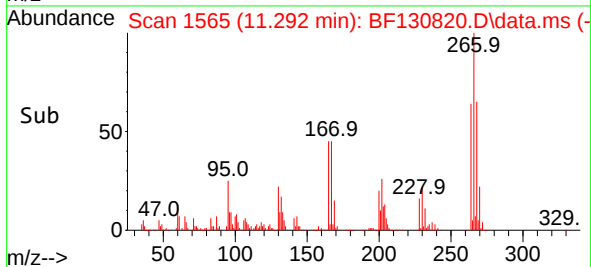
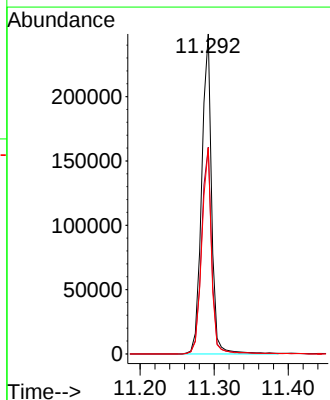
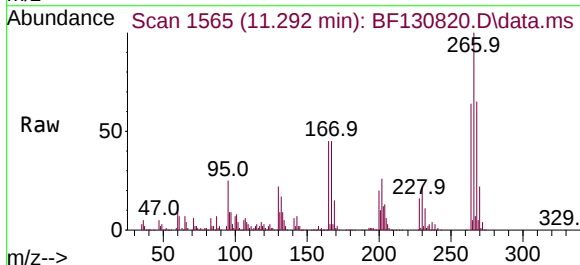
Manual Integrations
APPROVED

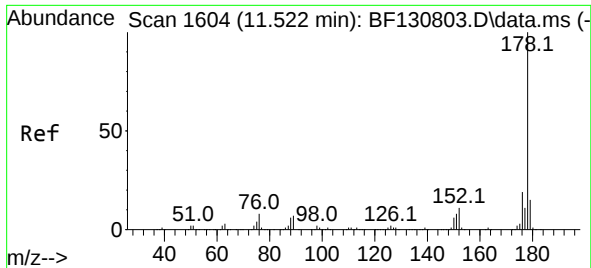
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#70
Pentachlorophenol
Concen: 84.286 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:266 Resp: 230463
Ion Ratio Lower Upper
266 100
268 64.6 51.8 77.6
264 64.4 51.6 77.4





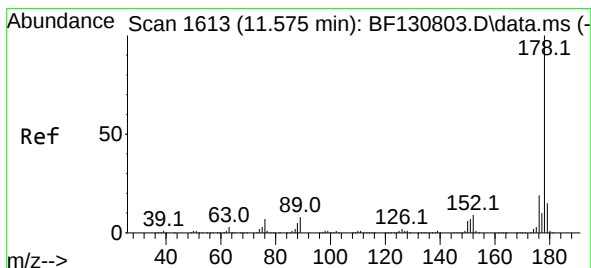
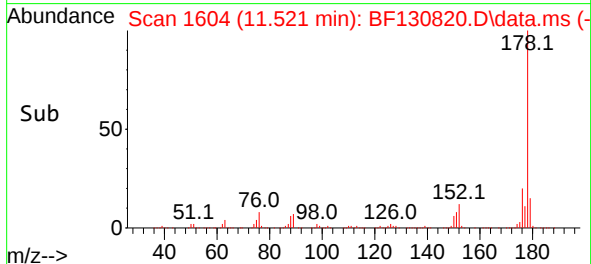
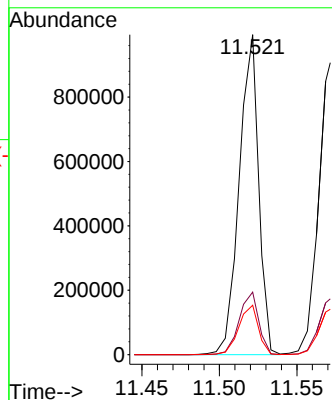
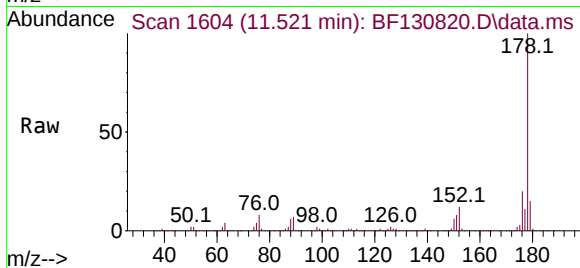
#71
Phenanthrene
Concen: 38.816 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB148514BS

Tgt Ion:178 Resp: 866388
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.2 18.2

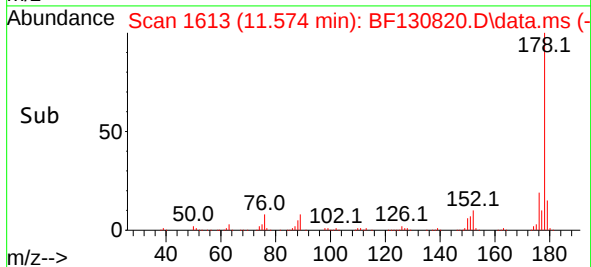
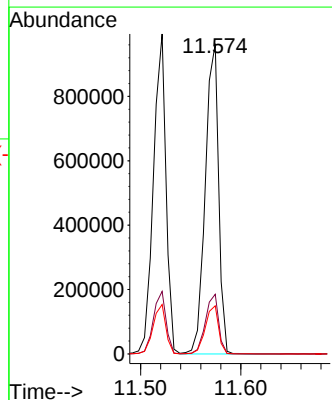
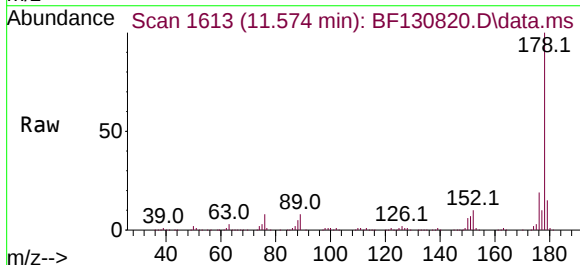
Manual Integrations
APPROVED

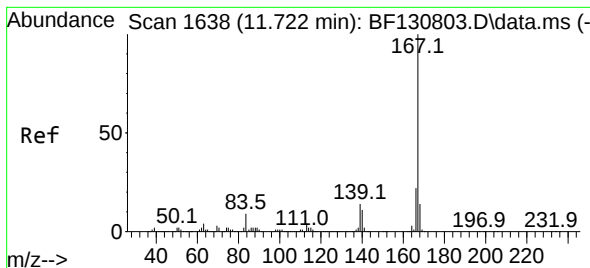
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 40.258 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:178 Resp: 886303
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.4





#73

Carbazole

Concen: 38.795 ng

RT: 11.721 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BF130820.D

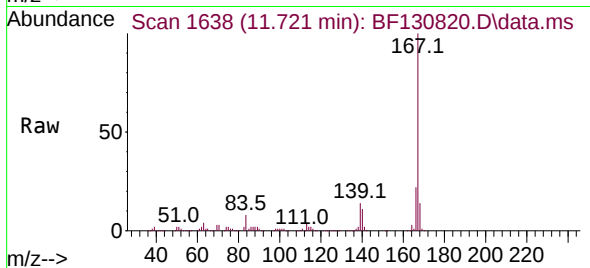
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS



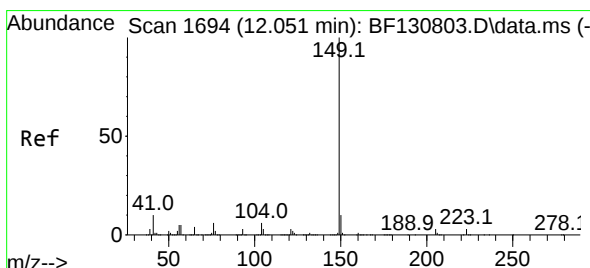
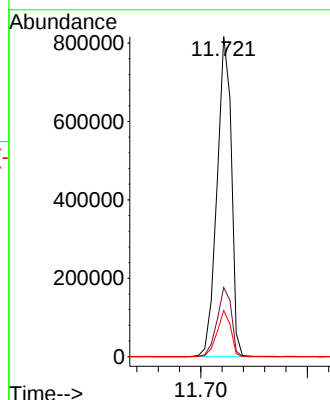
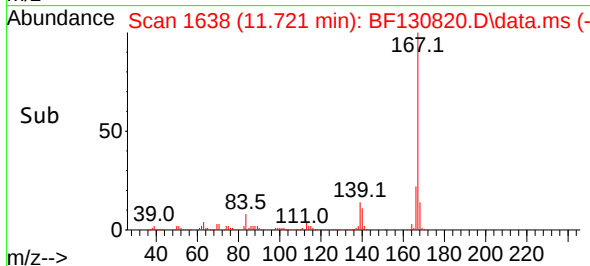
Tgt Ion:167 Resp: 764852

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	14.4	11.3	16.9

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 40.138 ng

RT: 12.051 min Scan# 1694

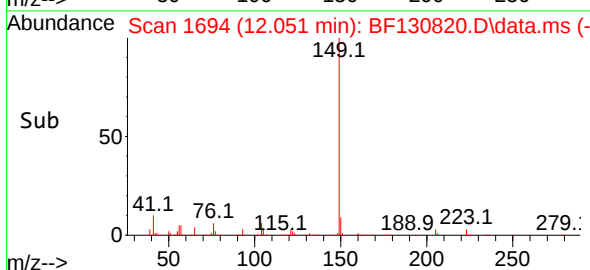
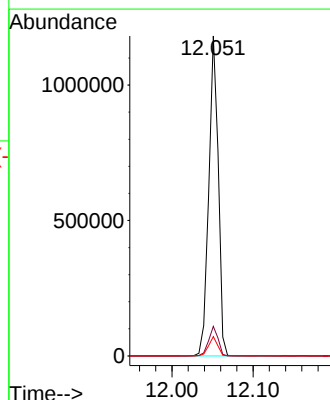
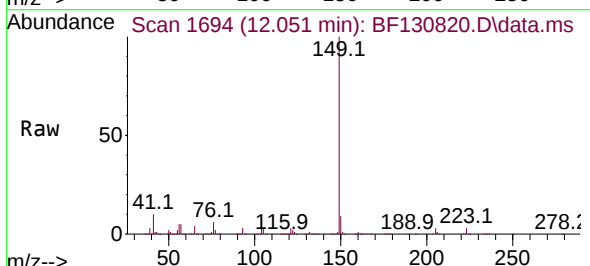
Delta R.T. -0.000 min

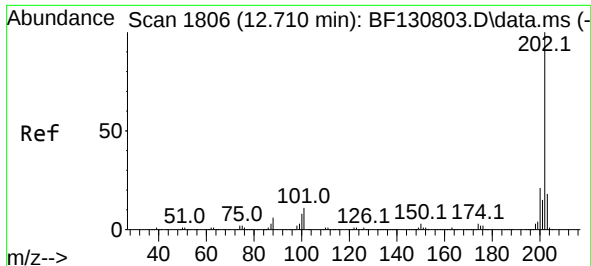
Lab File: BF130820.D

Acq: 28 Oct 2022 11:22

Tgt Ion:149 Resp: 961078

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.0	4.6	6.8





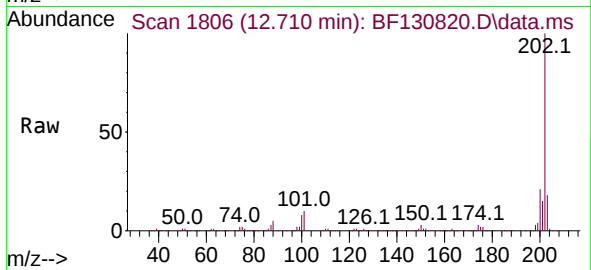
#75
Fluoranthene
Concen: 37.014 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

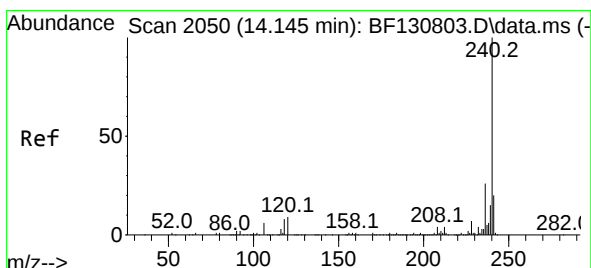
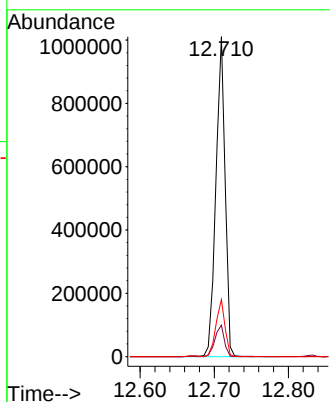
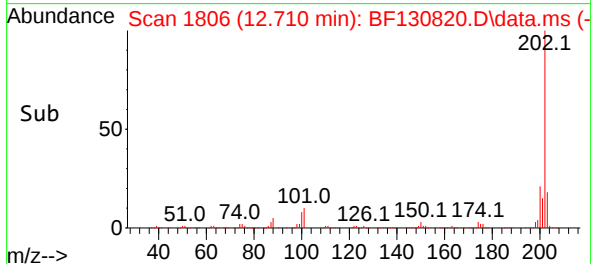


Tgt Ion:202 Resp: 877793
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.9
203 17.8 0.0 37.7

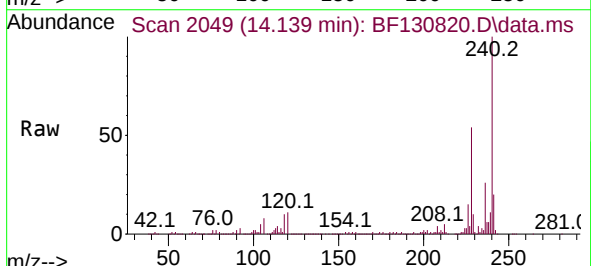
Manual Integrations

APPROVED

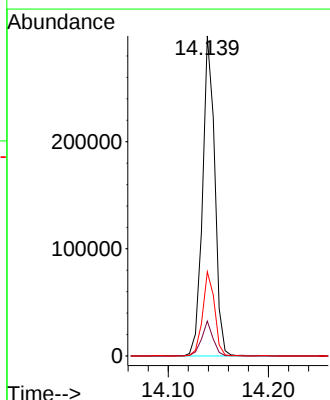
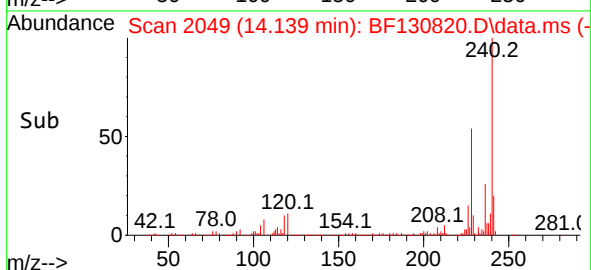
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

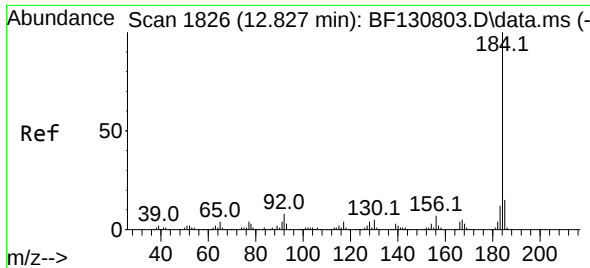


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



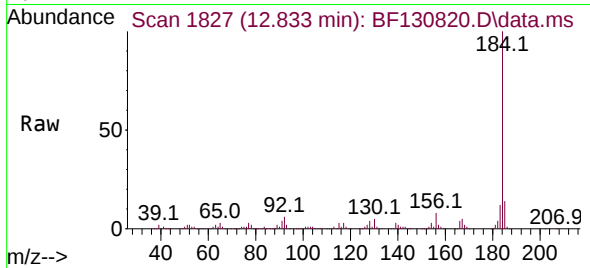
Tgt Ion:240 Resp: 251219
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.4#
236 26.3 20.5 30.7





#77
Benzidine
Concen: 79.157 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

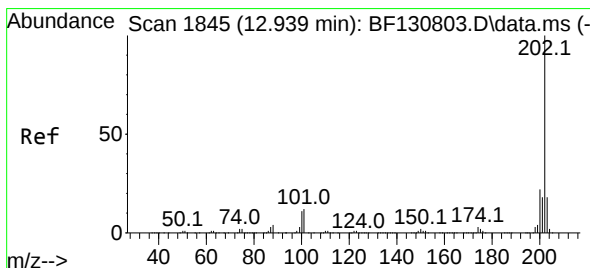
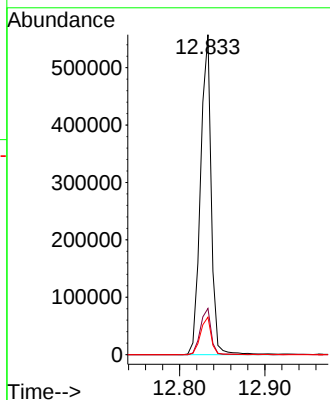
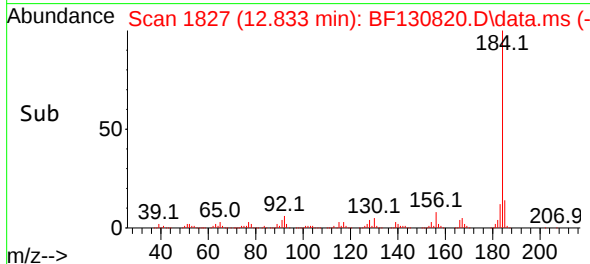
Instrument :
BNA_F
ClientSampleId :
PB148514BS



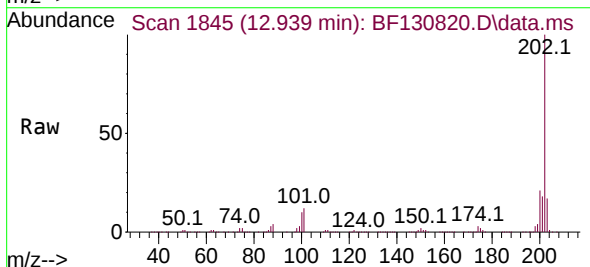
Tgt Ion:184 Resp: 48272
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.7 9.7 14.5

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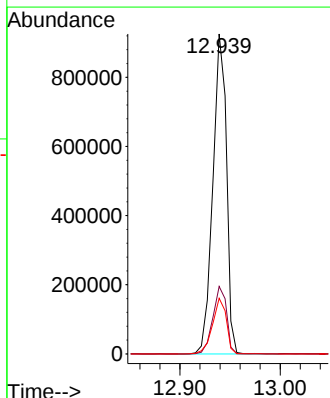
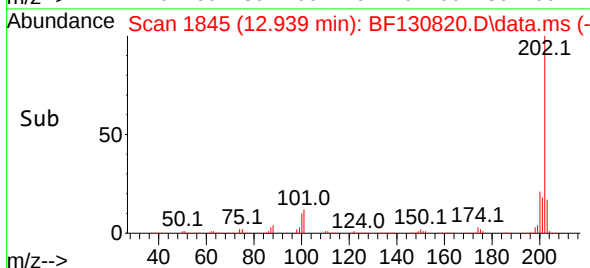
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

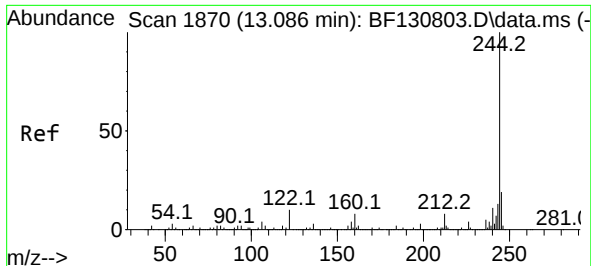


#78
Pyrene
Concen: 41.212 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:202 Resp: 873479
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.4 14.5 21.7





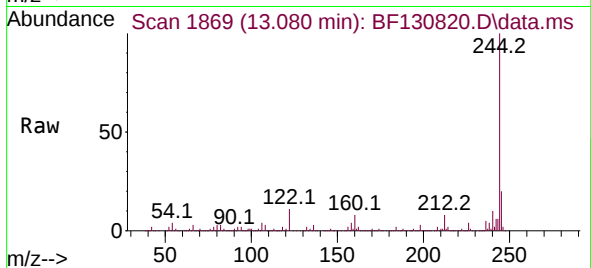
#79
 Terphenyl-d14
 Concen: 89.212 ng
 RT: 13.080 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130820.D
 Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

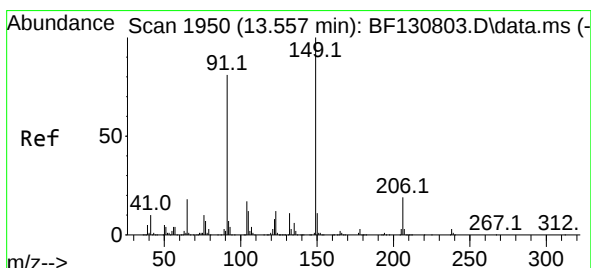
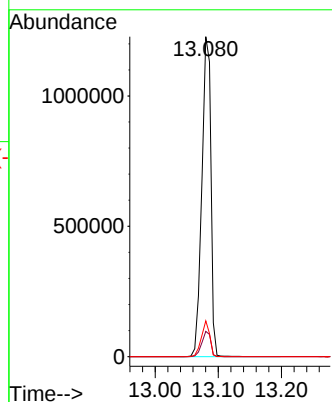


Tgt Ion:244 Resp: 1223049
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 11.2 7.9 11.9

Manual Integrations

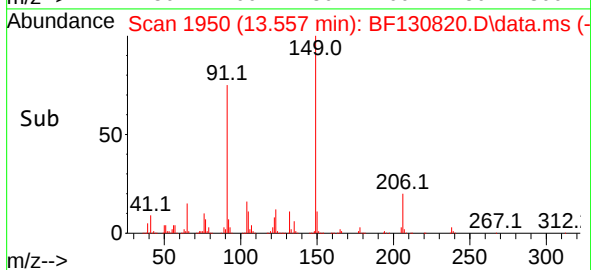
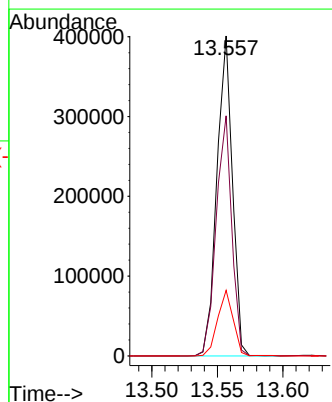
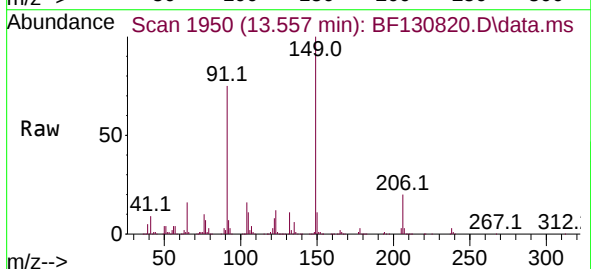
APPROVED

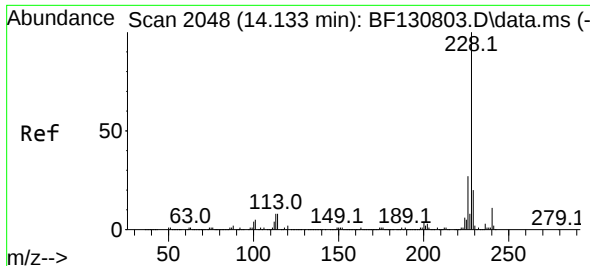
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#80
 Butylbenzylphthalate
 Concen: 43.430 ng
 RT: 13.557 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: BF130820.D
 Acq: 28 Oct 2022 11:22

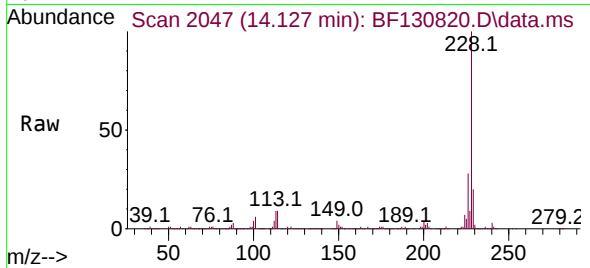
Tgt Ion:149 Resp: 331167
 Ion Ratio Lower Upper
 149 100
 91 75.0 64.5 96.7
 206 20.5 15.3 22.9





#81
Benzo(a)anthracene
Concen: 39.947 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

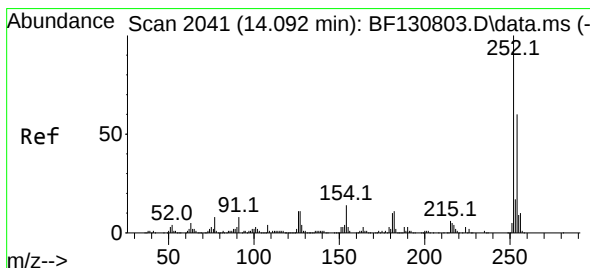
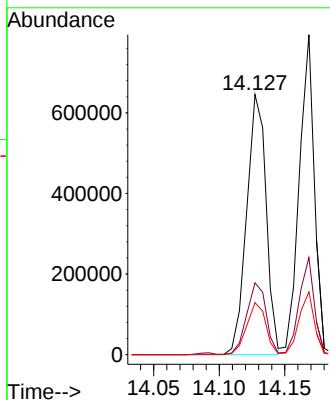
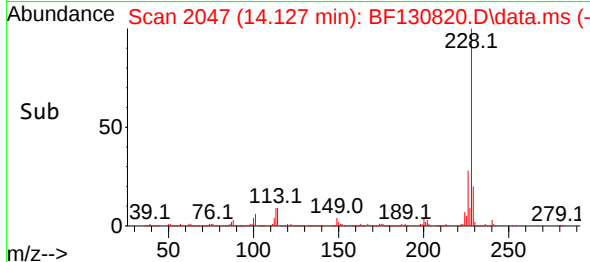
Instrument :
BNA_F
ClientSampleId :
PB148514BS



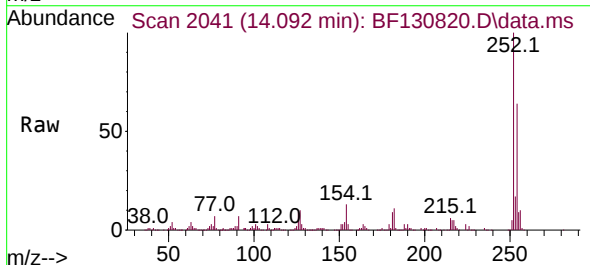
Tgt Ion:228 Resp: 665346
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 20.0 15.8 23.6

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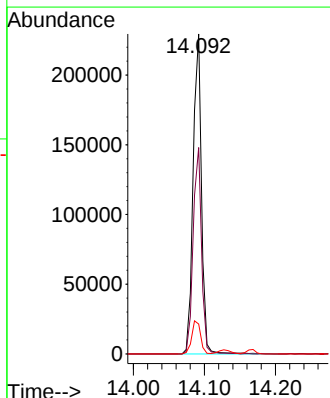
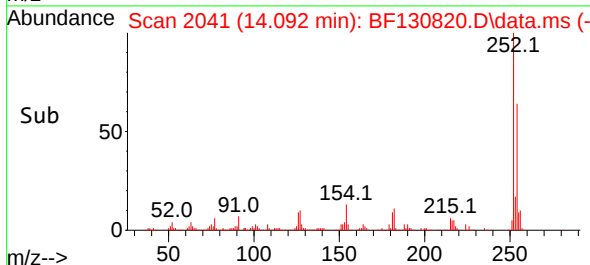
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

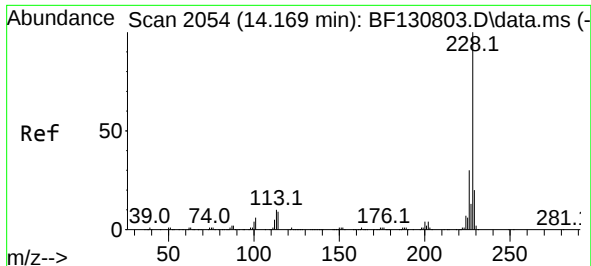


#82
3,3'-Dichlorobenzidine
Concen: 41.911 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



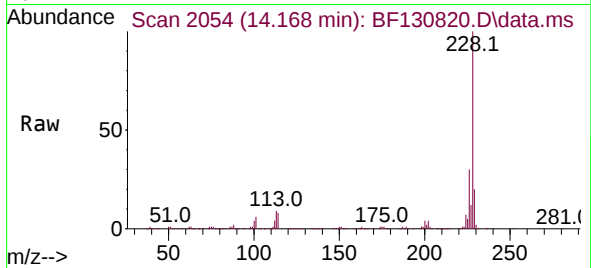
Tgt Ion:252 Resp: 188402
Ion Ratio Lower Upper
252 100
254 64.5 47.8 71.6
126 9.3 9.0 13.6





#83
Chrysene
Concen: 40.067 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

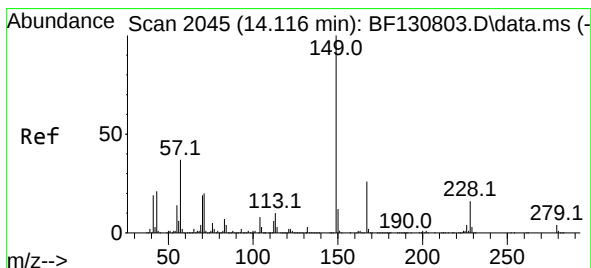
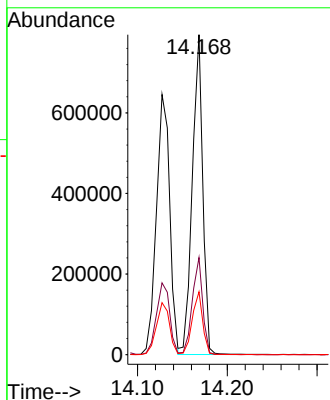
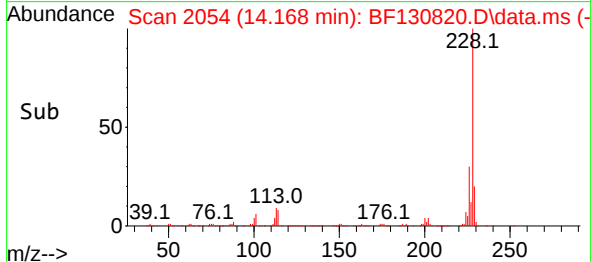
Instrument :
BNA_F
ClientSampleId :
PB148514BS



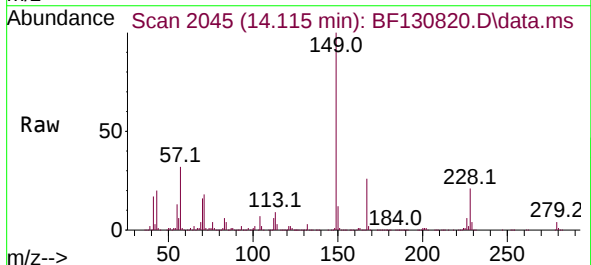
Tgt Ion:228 Resp: 643714
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 19.6 15.8 23.6

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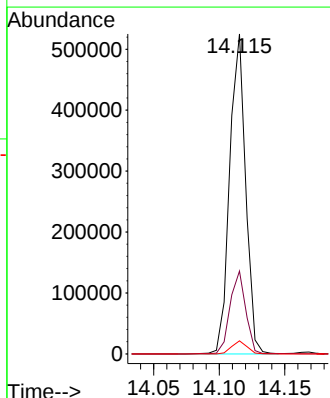
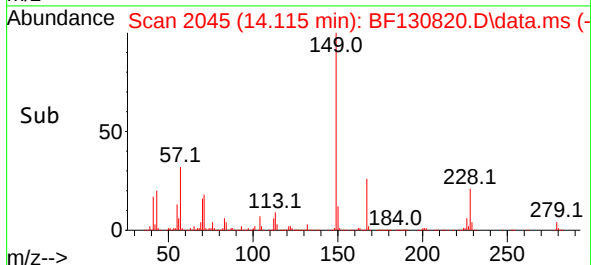
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

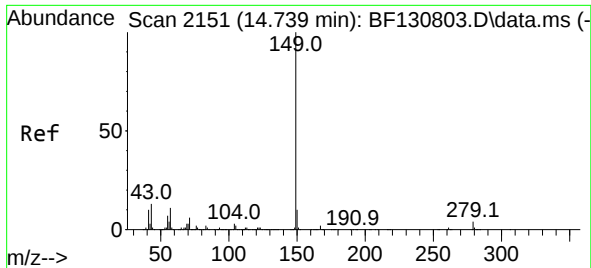


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.515 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



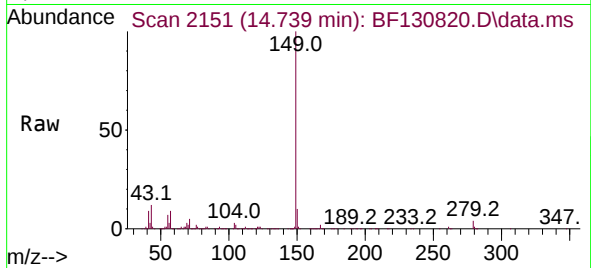
Tgt Ion:149 Resp: 444809
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 52.137 ng
RT: 14.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

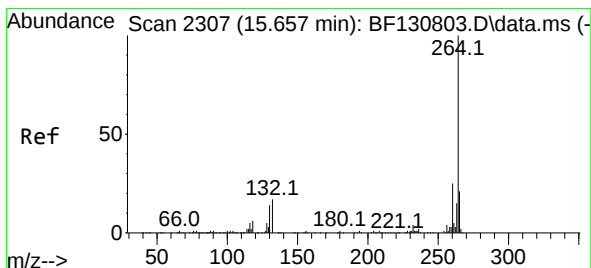
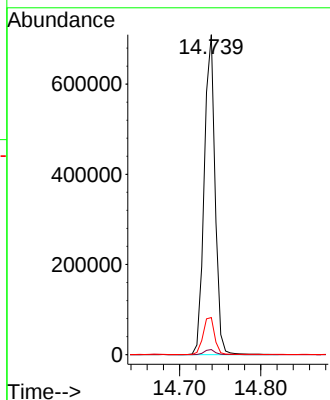
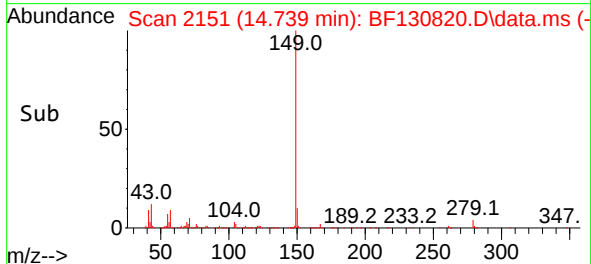
Instrument :
BNA_F
ClientSampleId :
PB148514BS



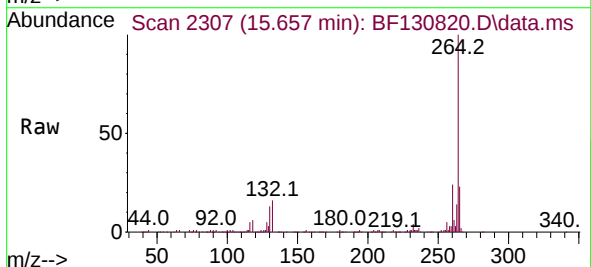
Tgt Ion:149 Resp: 659720
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 10.2 15.2

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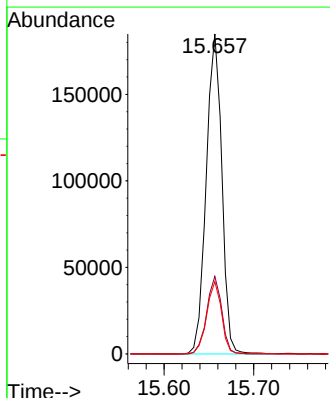
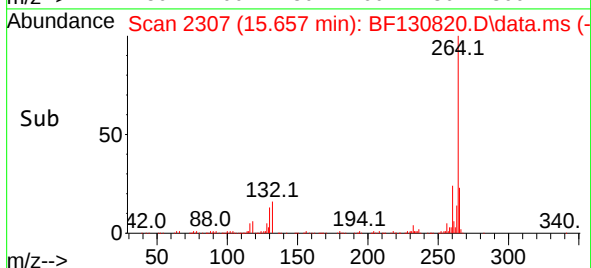
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

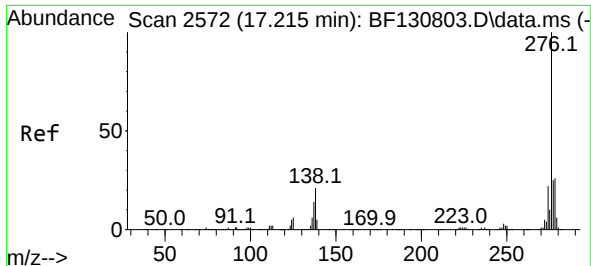


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:264 Resp: 223339
Ion Ratio Lower Upper
264 100
260 24.2 19.9 29.9
265 22.6 17.0 25.6





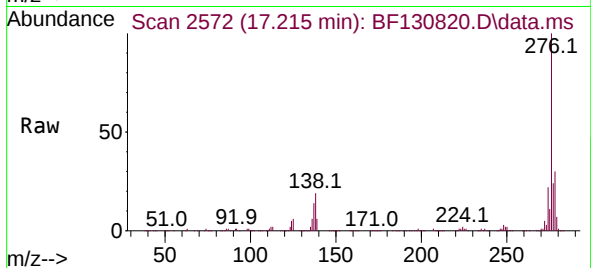
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.341 ng
RT: 17.215 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

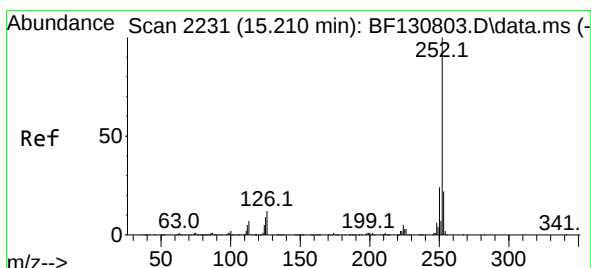
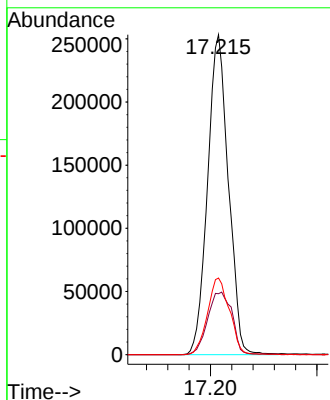
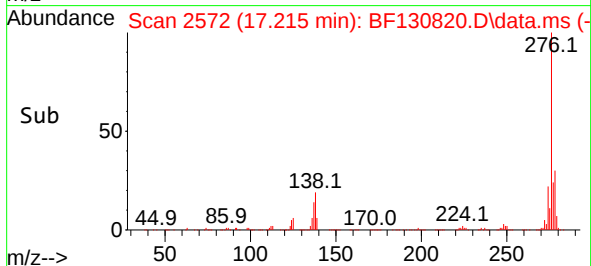


Tgt Ion:276 Resp: 687304
Ion Ratio Lower Upper
276 100
138 22.9 19.1 28.7
277 25.3 20.1 30.1

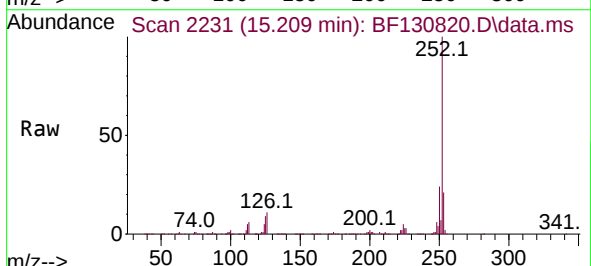
Manual Integrations

APPROVED

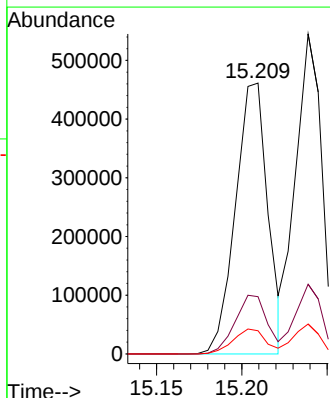
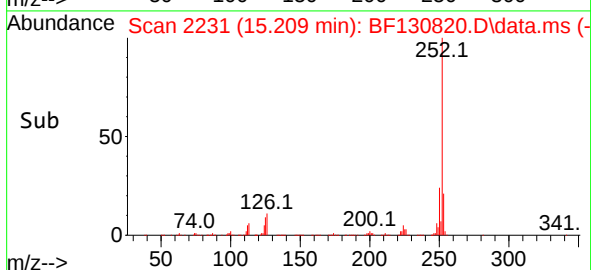
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

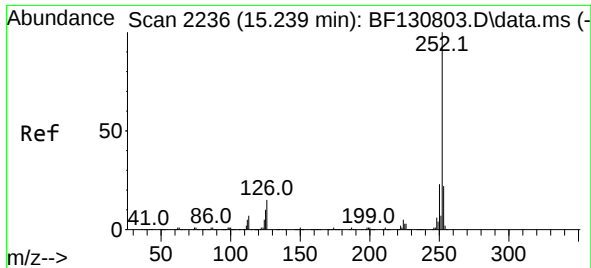


#88
Benzo(b)fluoranthene
Concen: 42.165 ng
RT: 15.209 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



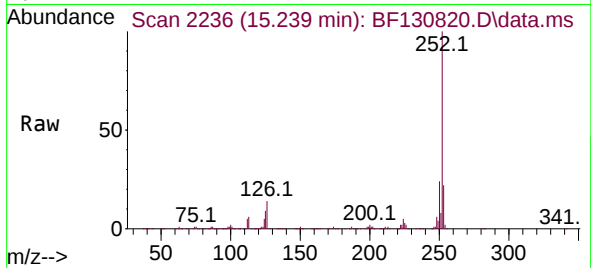
Tgt Ion:252 Resp: 608755
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 8.6 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 41.923 ng
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

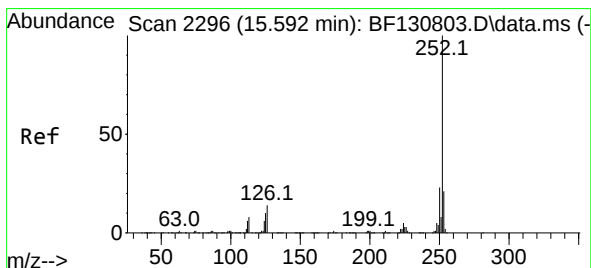
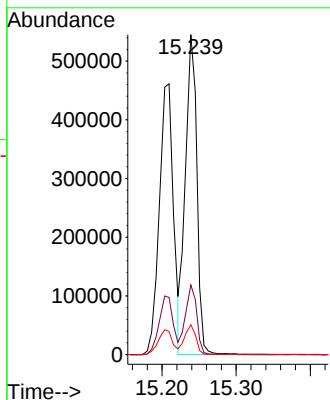
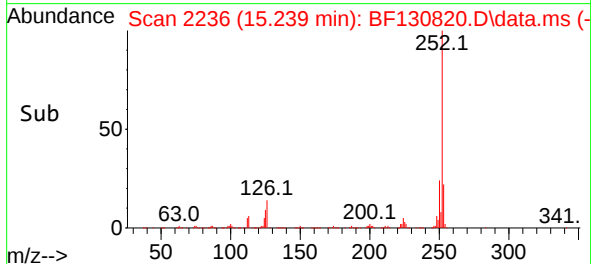
Instrument :
BNA_F
ClientSampleId :
PB148514BS



Tgt Ion:252 Resp: 589784
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.3 8.0 12.0

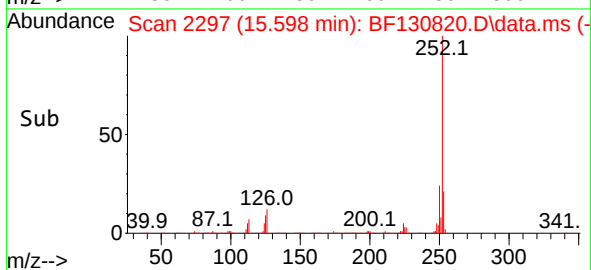
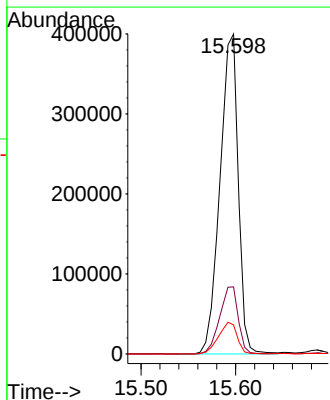
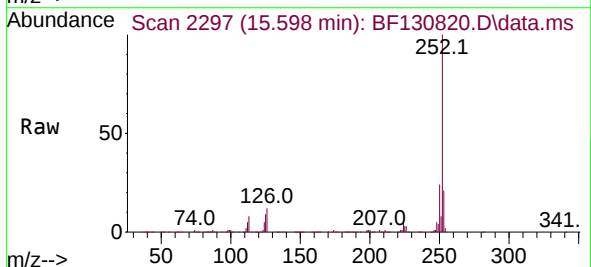
Manual Integrations
APPROVED

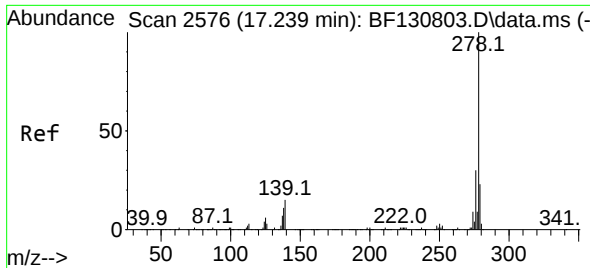
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#90
Benzo(a)pyrene
Concen: 46.196 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Tgt Ion:252 Resp: 536138
Ion Ratio Lower Upper
252 100
253 20.9 16.8 25.2
125 9.1 8.3 12.5





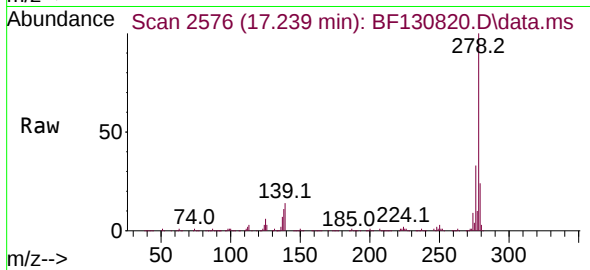
#91
Dibenzo(a,h)anthracene
Concen: 48.753 ng
RT: 17.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB148514BS

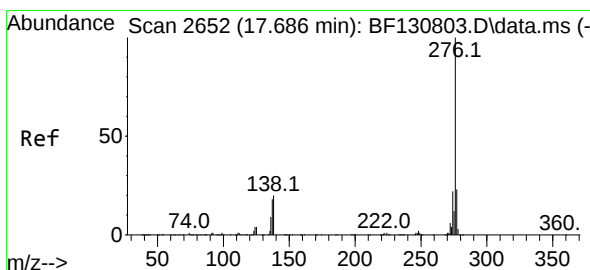
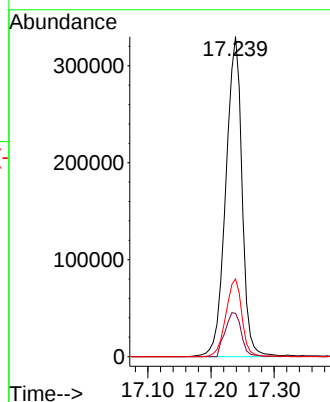
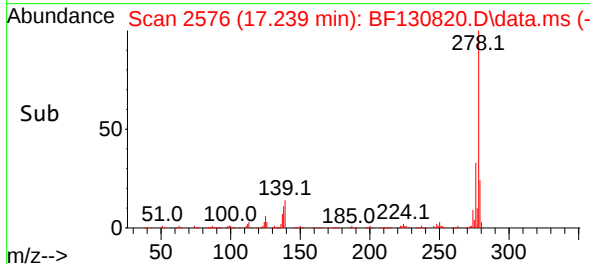


Tgt Ion:278 Resp: 589452
Ion Ratio Lower Upper
278 100
139 13.5 11.9 17.9
279 24.3 18.6 28.0

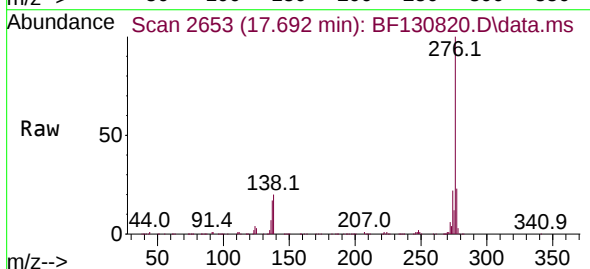
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.444 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BF130820.D
Acq: 28 Oct 2022 11:22



Tgt Ion:276 Resp: 609888
Ion Ratio Lower Upper
276 100
277 22.7 18.8 28.2
138 19.5 16.3 24.5

