

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130818.D
 Acq On : 28 Oct 2022 10:11
 Operator : CG\JU
 Sample : PB148383BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148383BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 16:48:22 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	96993	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	381001	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	211144	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	401211	20.000	ng	0.00
76) Chrysene-d12	14.145	240	254456	20.000	ng	0.00
86) Perylene-d12	15.657	264	187186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	539113	96.359	ng	0.01
7) Phenol-d6	6.569	99	673446	92.627	ng	0.00
23) Nitrobenzene-d5	7.522	82	637104	100.831	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	186891	105.148	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1166517	83.528	ng	0.00
79) Terphenyl-d14	13.086	244	1341923	96.638	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	103792	41.377	ng	92
3) Pyridine	3.622	79	277153	39.447	ng	97
4) n-Nitrosodimethylamine	3.593	42	194466	49.304	ng	99
6) Aniline	6.616	93	396174m	44.067	ng	
8) 2-Chlorophenol	6.740	128	306309	49.147	ng	99
9) Benzaldehyde	6.504	77	173708	37.330	ng	91
10) Phenol	6.587	94	371367	47.466	ng	97
11) bis(2-Chloroethyl)ether	6.687	93	294912	48.354	ng	95
12) 1,3-Dichlorobenzene	6.898	146	330664	46.820	ng	99
13) 1,4-Dichlorobenzene	6.975	146	335634	46.819	ng	99
14) 1,2-Dichlorobenzene	7.128	146	318416	47.960	ng	98
15) Benzyl Alcohol	7.093	79	286868	46.402	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	532394	48.971	ng	99
17) 2-Methylphenol	7.198	107	249726	46.879	ng	100
18) Hexachloroethane	7.469	117	126125	48.681	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	227382	45.966	ng	97
20) 3+4-Methylphenols	7.351	107	312806	45.163	ng	91
22) Acetophenone	7.369	105	435375	47.131	ng	99
24) Nitrobenzene	7.540	77	337492	48.847	ng	98
25) Isophorone	7.781	82	625464	48.003	ng	99
26) 2-Nitrophenol	7.857	139	133825	49.030	ng	97
27) 2,4-Dimethylphenol	7.887	122	281172	51.851	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	357889	49.181	ng	99
29) 2,4-Dichlorophenol	8.092	162	254769	45.671	ng	95
30) 1,2,4-Trichlorobenzene	8.181	180	265473	44.257	ng	97
31) Naphthalene	8.263	128	876789	44.108	ng	99
32) Benzoic acid	8.004	122	177159	46.294	ng	92
33) 4-Chloroaniline	8.310	127	277885	35.377	ng	97
34) Hexachlorobutadiene	8.375	225	183752	46.146	ng	97
35) Caprolactam	8.681	113	86748m	48.527	ng	
36) 4-Chloro-3-methylphenol	8.781	107	282871	46.748	ng	98
37) 2-Methylnaphthalene	8.957	142	551492	44.106	ng	98
38) 1-Methylnaphthalene	9.057	142	526724	43.286	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	275596	46.027	ng	98
41) Hexachlorocyclopentadiene	9.110	237	363899	115.668	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	188391	45.279	ng	99

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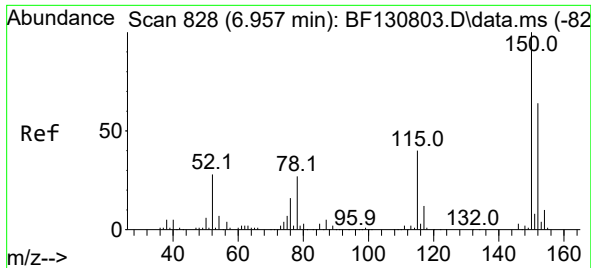
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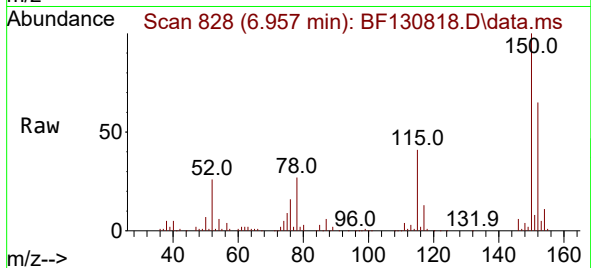
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	207566	46.695	ng	96
46) 1,1'-Biphenyl	9.422	154	693446	46.098	ng	99
47) 2-Chloronaphthalene	9.445	162	533097	44.195	ng	99
48) 2-Nitroaniline	9.539	65	190367	48.987	ng	99
49) Acenaphthylene	9.869	152	848804	44.530	ng	99
50) Dimethylphthalate	9.722	163	654688	45.143	ng	99
51) 2,6-Dinitrotoluene	9.786	165	135603	49.118	ng	84
52) Acenaphthene	10.039	154	575683	48.841	ng	99
53) 3-Nitroaniline	9.951	138	122907	43.510	ng	# 96
54) 2,4-Dinitrophenol	10.057	184	119764	87.036	ng	94
55) Dibenzofuran	10.210	168	762183	44.612	ng	99
56) 4-Nitrophenol	10.104	139	231780	103.628	ng	99
57) 2,4-Dinitrotoluene	10.186	165	178814	51.344	ng	89
58) Fluorene	10.551	166	595495	44.266	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	170024	46.393	ng	99
60) Diethylphthalate	10.422	149	655901	45.987	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	292208	45.404	ng	99
62) 4-Nitroaniline	10.575	138	147746	51.653	ng	97
63) Azobenzene	10.704	77	672817	45.190	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	75503	45.520	ng	93
66) n-Nitrosodiphenylamine	10.663	169	558303	44.613	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	186565	46.239	ng	# 88
68) Hexachlorobenzene	11.098	284	202338	45.515	ng	99
69) Atrazine	11.192	200	196497	54.370	ng	97
70) Pentachlorophenol	11.292	266	237325	93.555	ng	98
71) Phenanthrene	11.522	178	912659	44.073	ng	100
72) Anthracene	11.575	178	929579	45.512	ng	100
73) Carbazole	11.722	167	831940	45.483	ng	100
74) Di-n-butylphthalate	12.051	149	1009163	45.429	ng	99
75) Fluoranthene	12.710	202	985061	44.772	ng	99
77) Benzidine	12.833	184	475313	76.950	ng	100
78) Pyrene	12.945	202	992984	46.254	ng	99
80) Butylbenzylphthalate	13.557	149	384757	49.816	ng	97
81) Benzo(a)anthracene	14.133	228	764955	45.343	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	196908	43.245	ng	95
83) Chrysene	14.169	228	714942	43.935	ng	99
84) Bis(2-ethylhexyl)phtha...	14.116	149	472996	50.933	ng	100
85) Di-n-octyl phthalate	14.739	149	650961	50.790	ng	100
87) Indeno(1,2,3-cd)pyrene	17.215	276	613513	49.355	ng	99
88) Benzo(b)fluoranthene	15.210	252	571625	47.241	ng	98
89) Benzo(k)fluoranthene	15.239	252	570006	48.343	ng	99
90) Benzo(a)pyrene	15.592	252	492758	50.658	ng	100
91) Dibenzo(a,h)anthracene	17.239	278	532805	52.579	ng	99
92) Benzo(g,h,i)perylene	17.692	276	546769	52.888	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

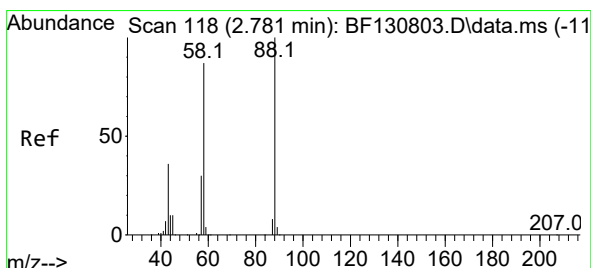
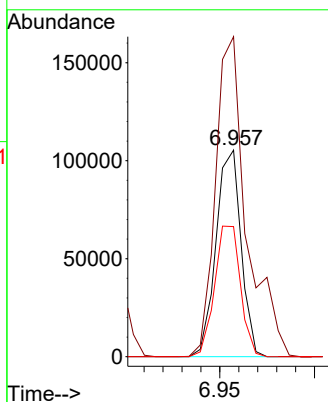
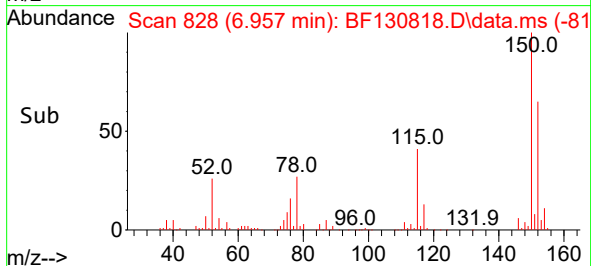
Instrument :
BNA_F
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PB148383BS



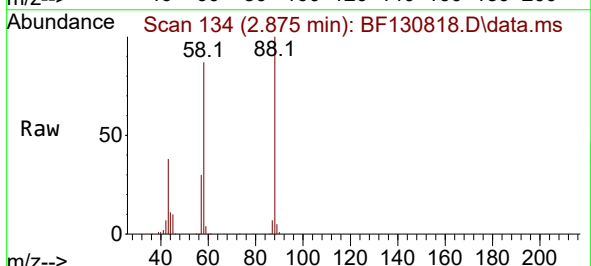
Tgt Ion:152 Resp: 9699
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 63.0 50.1 75.1

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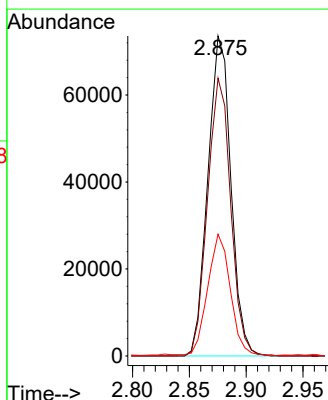
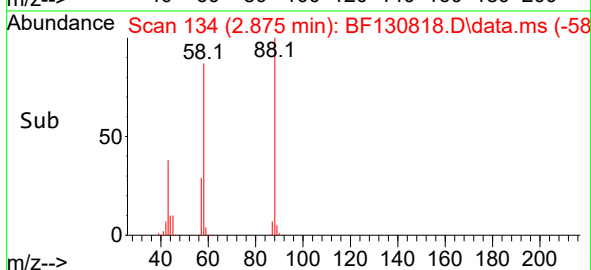
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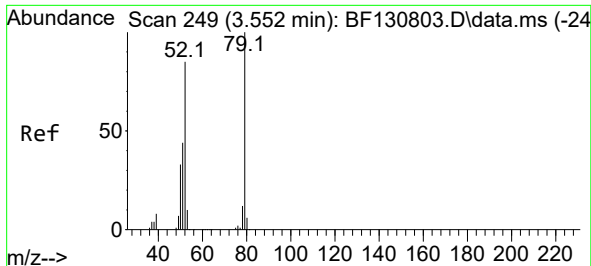


#2
1,4-Dioxane
Concen: 41.377 ng
RT: 2.875 min Scan# 134
Delta R.T. 0.094 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion: 88 Resp: 103792
Ion Ratio Lower Upper
88 100
58 87.3 64.7 97.1
43 37.7 26.5 39.7





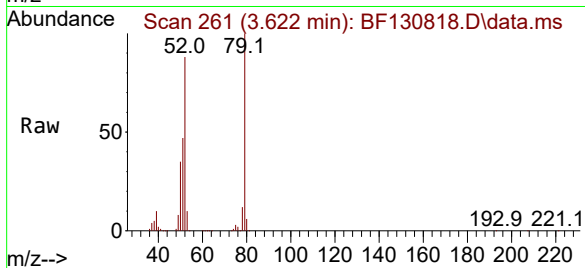
#3
Pyridine
Concen: 39.447 ng
RT: 3.622 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

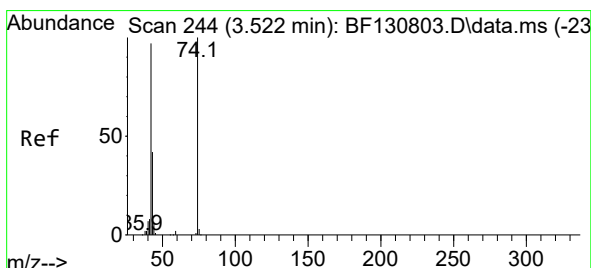
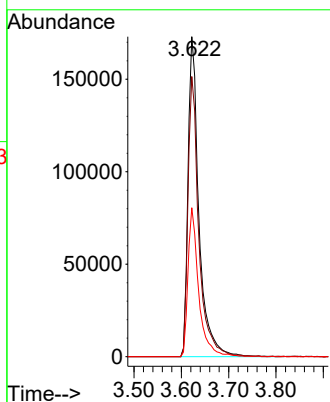
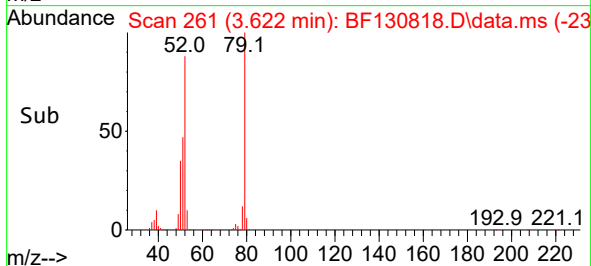


Tgt Ion: 79 Resp: 27715
Ion Ratio Lower Upper
79 100
52 87.6 68.2 102.4
51 46.5 35.2 52.8

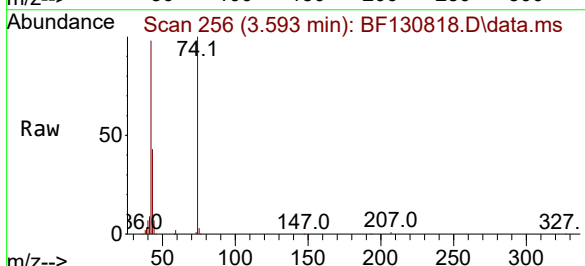
Manual Integrations

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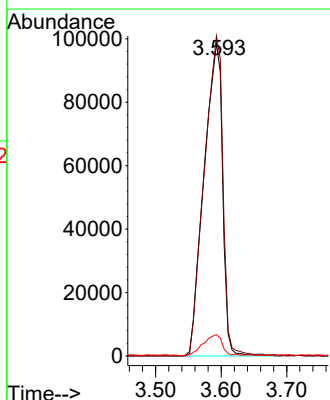
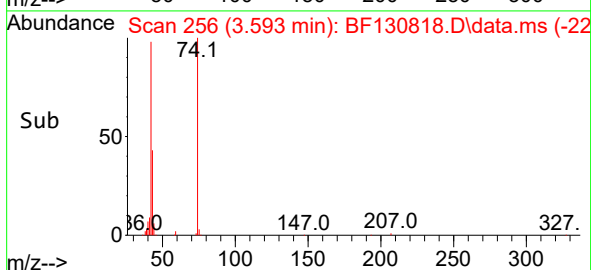
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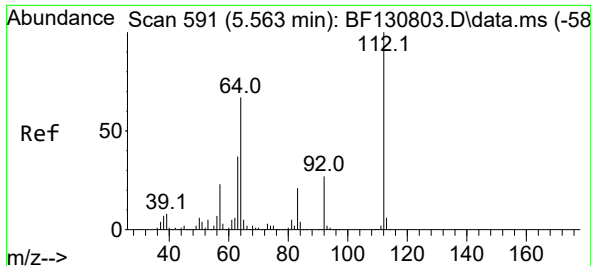


#4
n-Nitrosodimethylamine
Concen: 49.304 ng
RT: 3.593 min Scan# 256
Delta R.T. 0.071 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



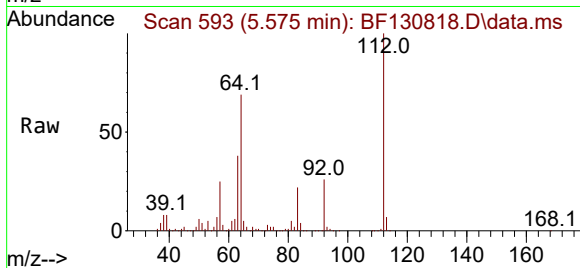
Tgt Ion: 42 Resp: 194466
Ion Ratio Lower Upper
42 100
74 102.4 82.8 124.2
44 6.9 6.0 9.0





#5
2-Fluorophenol
Concen: 96.359 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

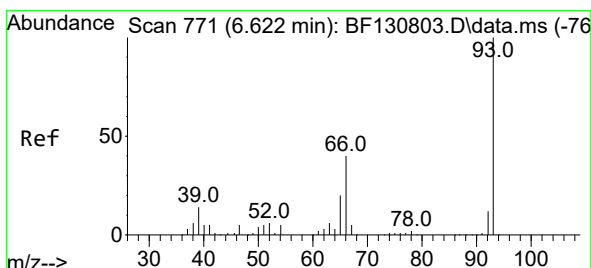
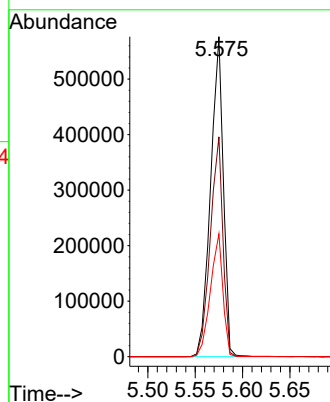
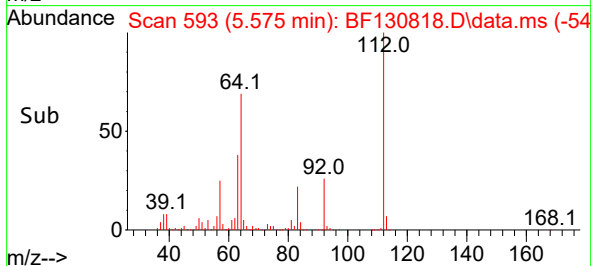
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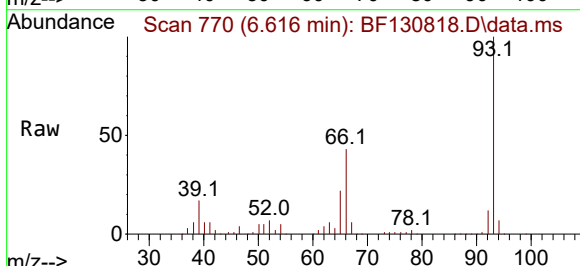
Tgt Ion:112 Resp: 53911
Ion Ratio Lower Upper
112 100
64 68.7 53.9 80.9
63 38.4 29.4 44.2

Manual Integrations
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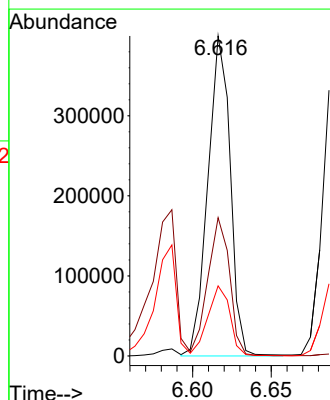
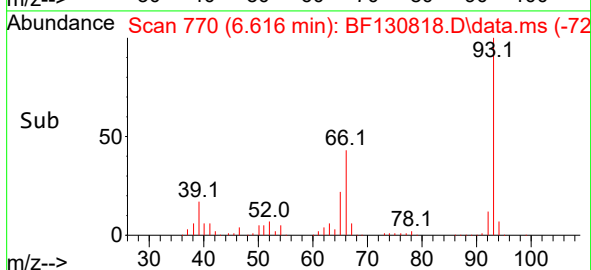
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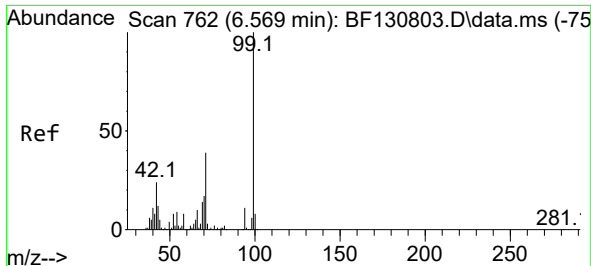


#6
Aniline
Concen: 44.067 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion: 93 Resp: 396174
Ion Ratio Lower Upper
93 100
66 43.2 33.8 50.8
65 21.9 17.2 25.8





#7

Phenol-d6

Concen: 92.627 ng

RT: 6.569 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF130818.D

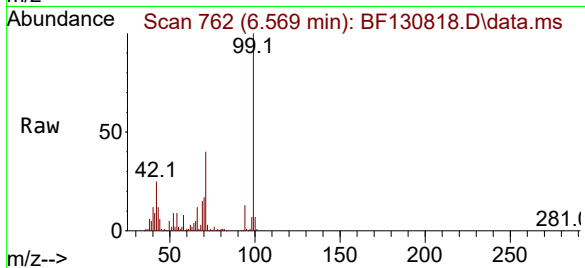
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Instrument :

BNA_F

ClientSampleId :

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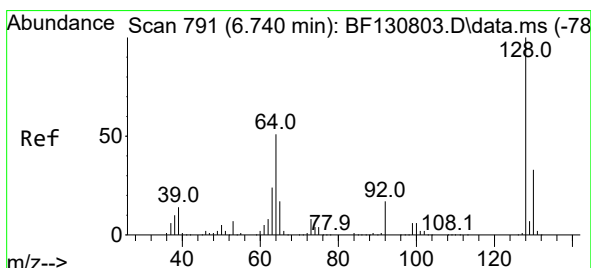
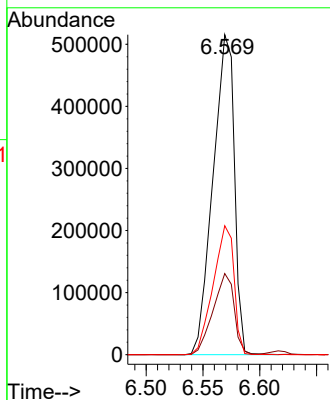
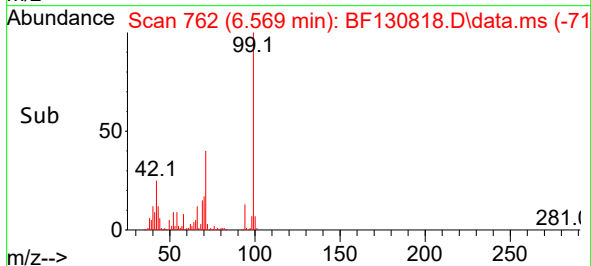
Tgt Ion: 99 Resp: 673440

Ion	Ratio	Lower	Upper
99	100		
42	25.4	18.8	28.2
71	40.3	31.4	47.0

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#8

2-Chlorophenol

Concen: 49.147 ng

RT: 6.740 min Scan# 791

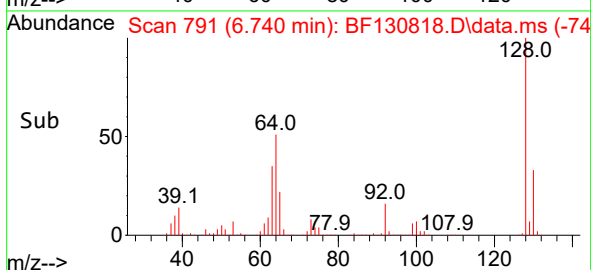
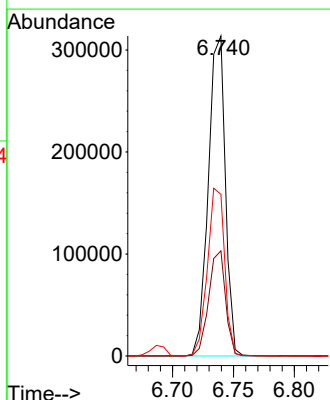
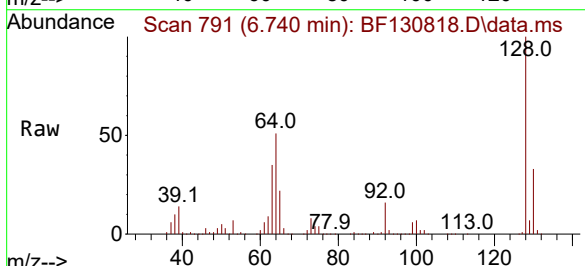
Delta R.T. -0.000 min

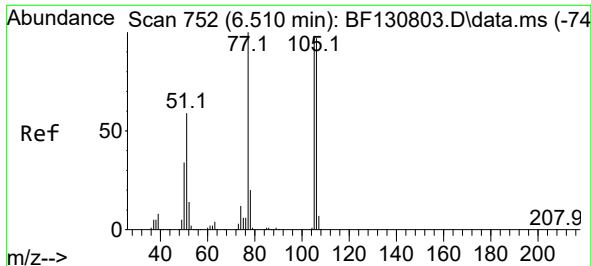
Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

Tgt Ion:128 Resp: 306309

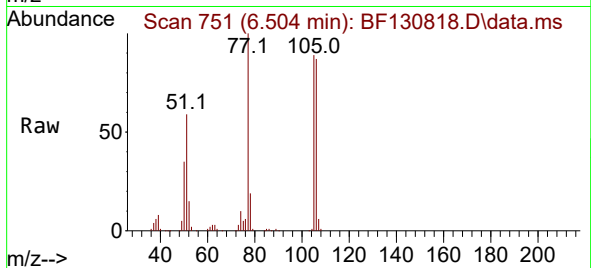
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	50.5	31.3	71.3





#9
Benzaldehyde
Concen: 37.330 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

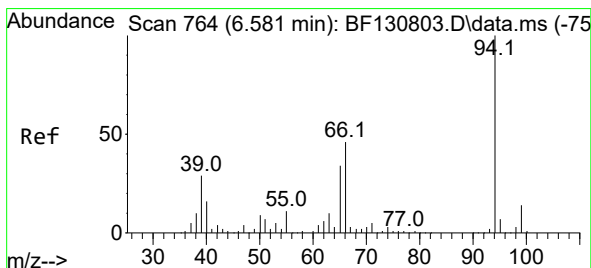
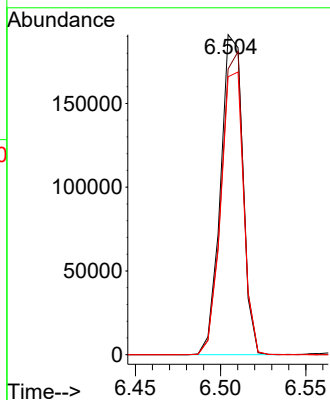
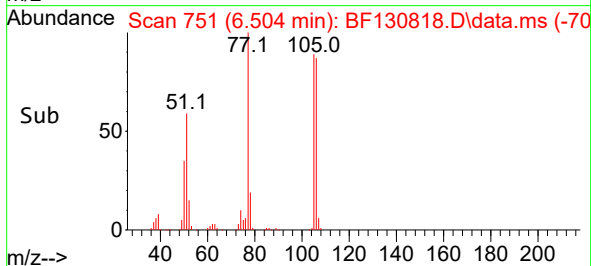
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 173708
Ion Ratio Lower Upper
77 100
105 89.3 78.2 118.2
106 86.9 76.6 116.6

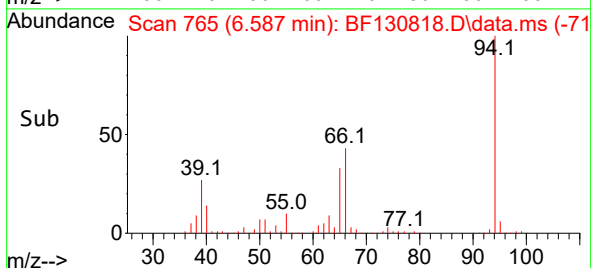
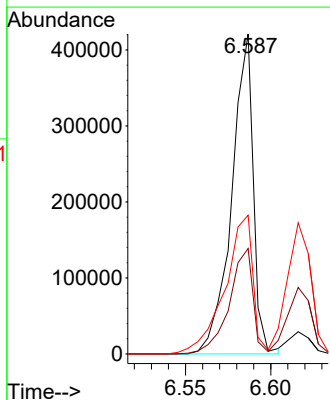
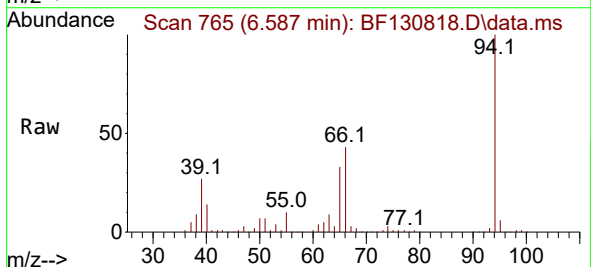
Manual Integrations
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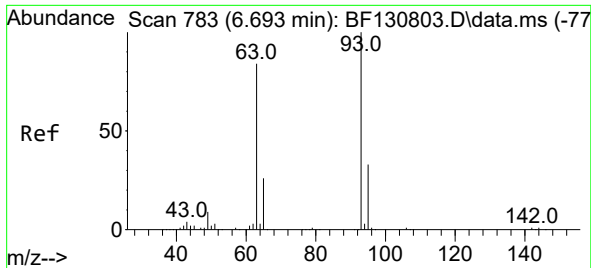
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#10
Phenol
Concen: 47.466 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion: 94 Resp: 371367
Ion Ratio Lower Upper
94 100
65 32.9 13.7 53.7
66 43.4 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 48.354 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

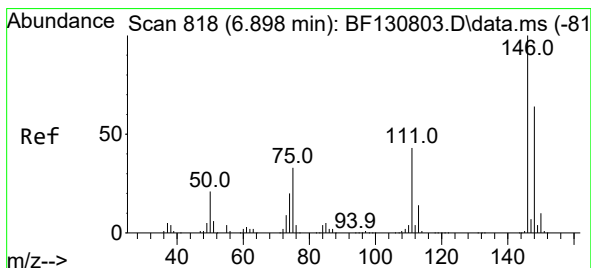
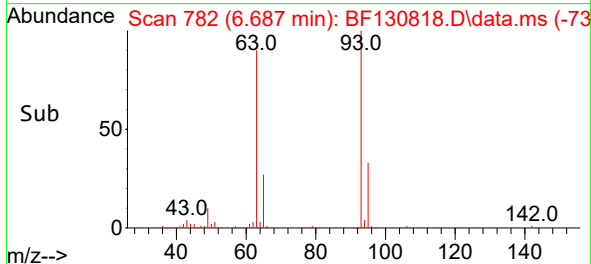
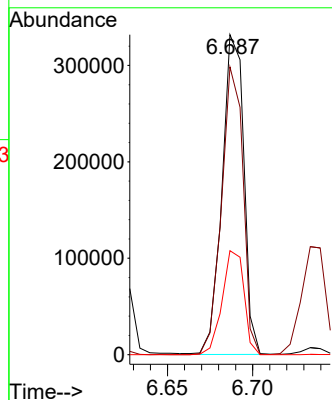
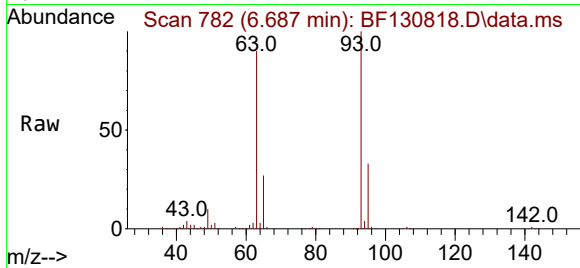
PB148383BS

Tgt Ion: 93 Resp: 294912
Ion Ratio Lower Upper
93 100
63 89.9 63.4 103.4
95 32.5 12.6 52.6

Manual Integrations

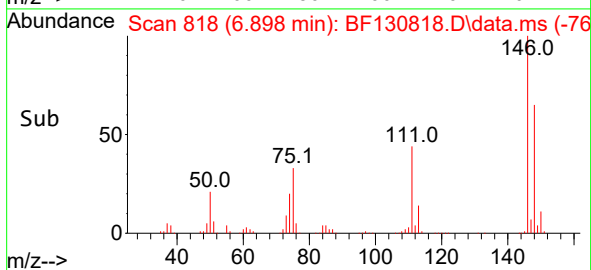
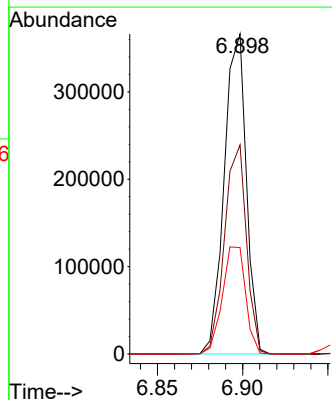
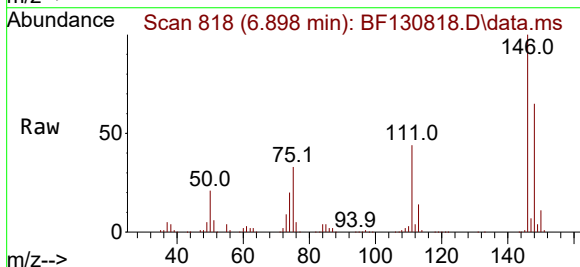
APPROVED

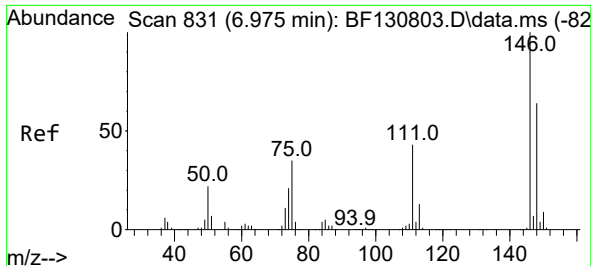
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#12
1,3-Dichlorobenzene
Concen: 46.820 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

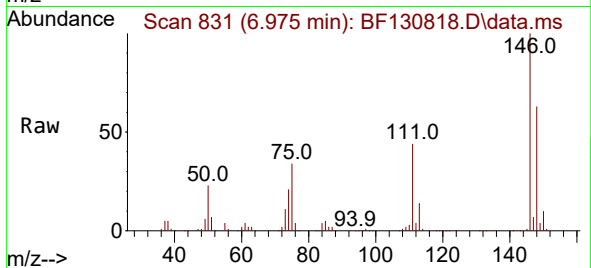
Tgt Ion:146 Resp: 330664
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
75 33.2 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 46.819 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

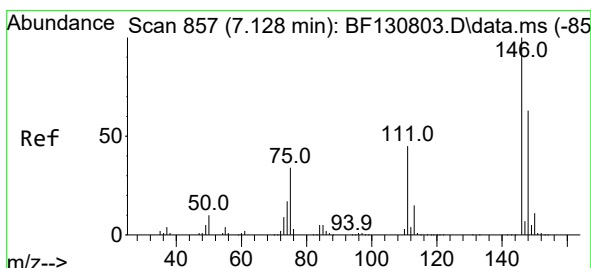
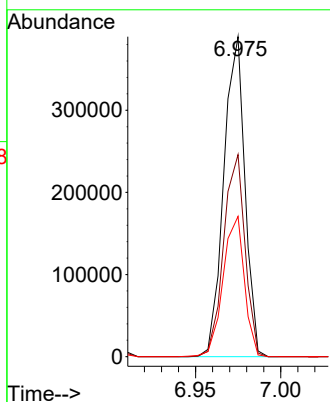
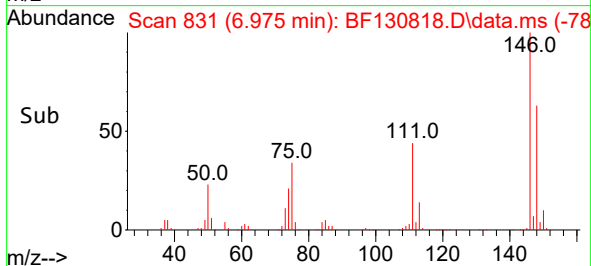
Instrument :
BNA_F
ClientSampleId :
PB148383BS



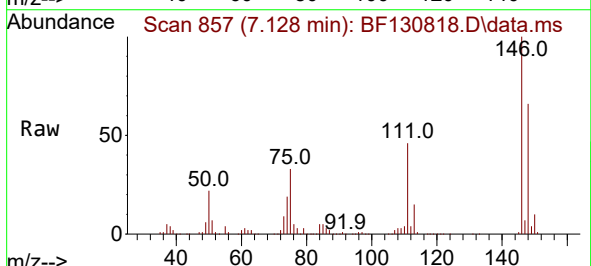
Tgt Ion:146 Resp: 335634
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
111 43.8 34.6 51.8

Manual Integrations
APPROVED

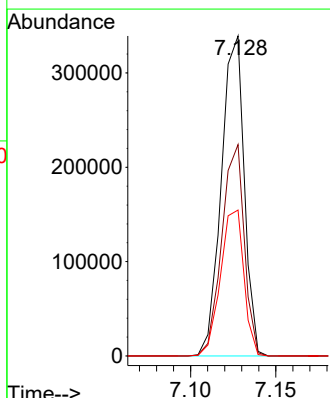
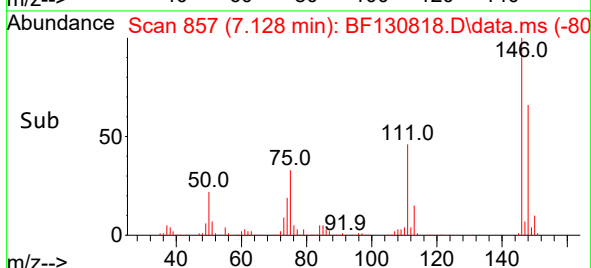
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

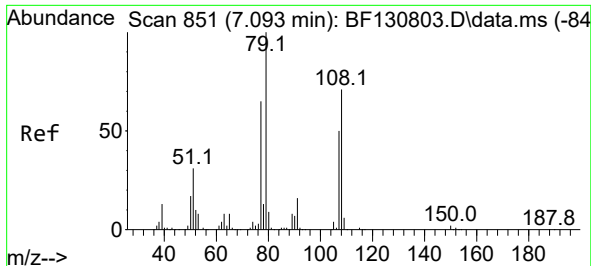


#14
1,2-Dichlorobenzene
Concen: 47.960 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



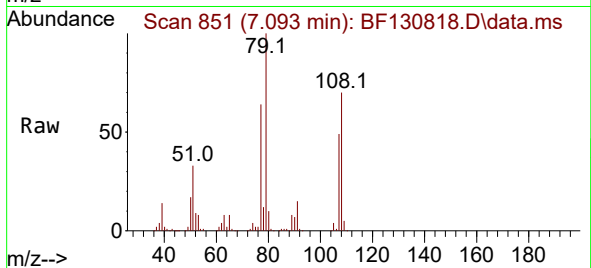
Tgt Ion:146 Resp: 318416
Ion Ratio Lower Upper
146 100
148 66.1 50.6 76.0
111 45.6 36.3 54.5





#15
Benzyl Alcohol
Concen: 46.402 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

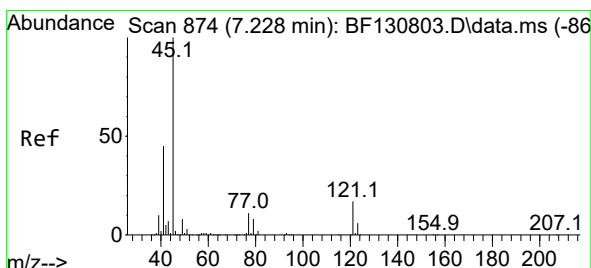
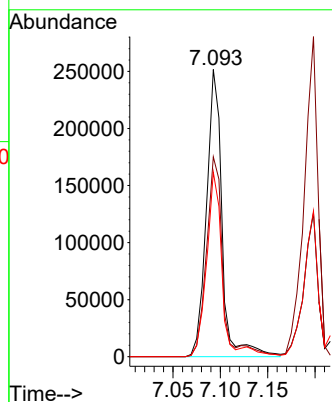
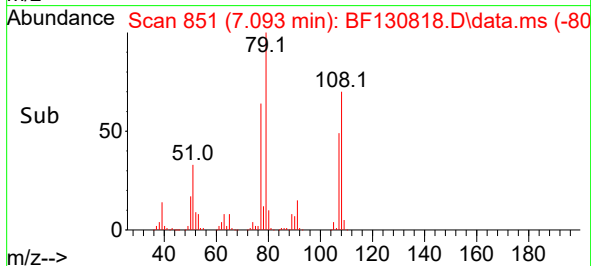
Instrument :
BNA_F
ClientSampleId :
PB148383BS



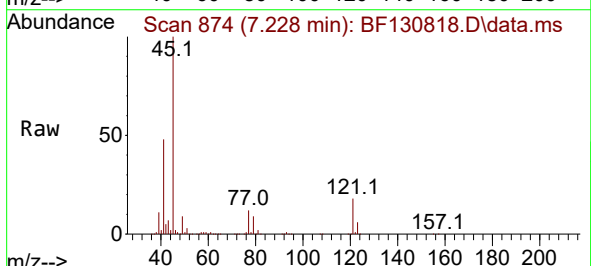
Tgt Ion: 79 Resp: 28686
Ion Ratio Lower Upper
79 100
108 69.6 56.4 84.6
77 64.3 51.8 77.8

Manual Integrations
APPROVED

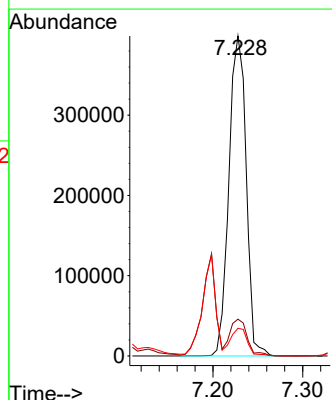
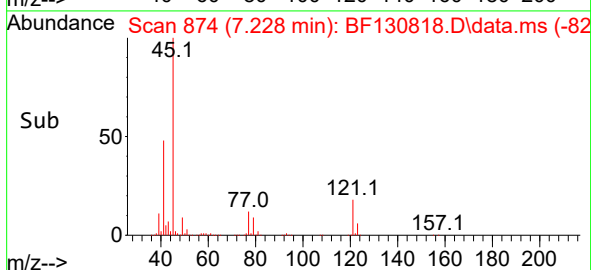
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

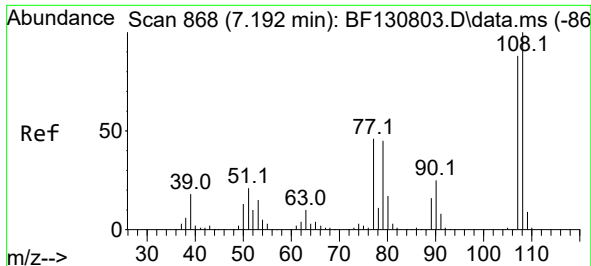


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.971 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion: 45 Resp: 532394
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.7 0.0 28.4





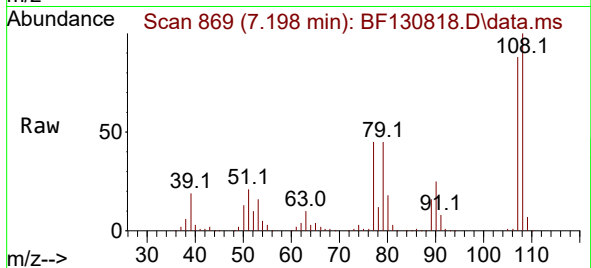
#17
2-Methylphenol
Concen: 46.879 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

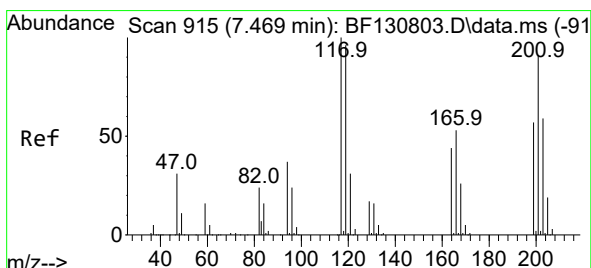
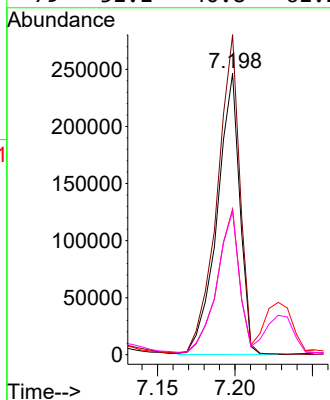
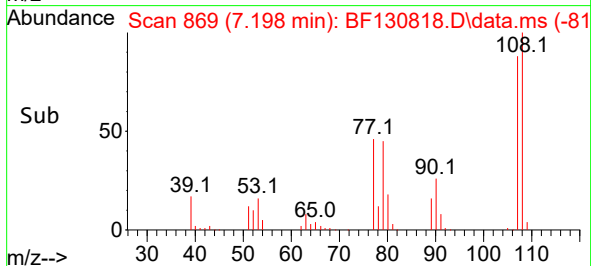


Tgt Ion:107 Resp: 249720
Ion Ratio Lower Upper
107 100
108 113.8 90.5 135.7
77 51.8 41.2 61.8
79 51.1 40.8 61.2

Manual Integrations

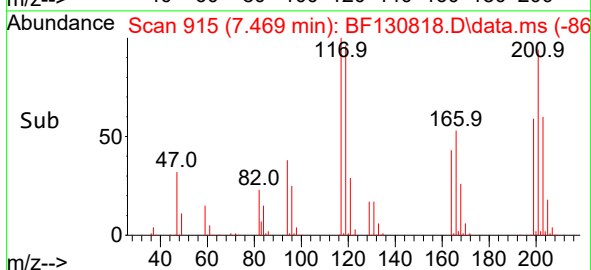
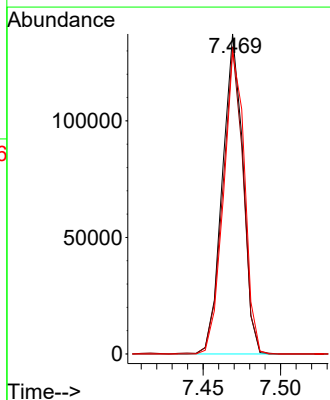
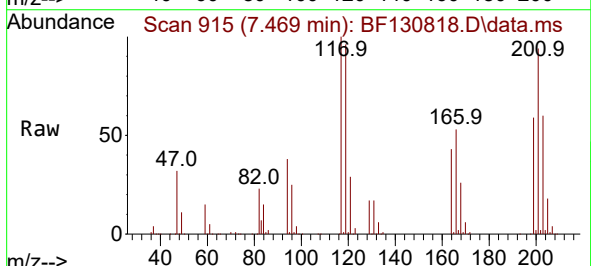
APPROVED

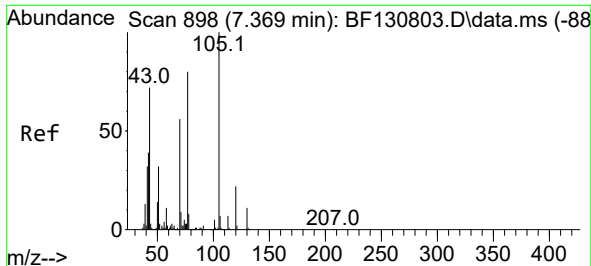
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#18
Hexachloroethane
Concen: 48.681 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:117 Resp: 126125
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
201 94.4 72.9 109.3





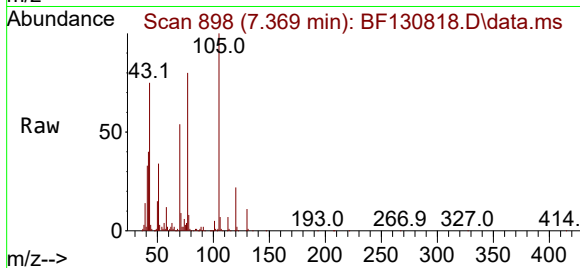
#19
n-Nitroso-di-n-propylamine
Concen: 45.966 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS



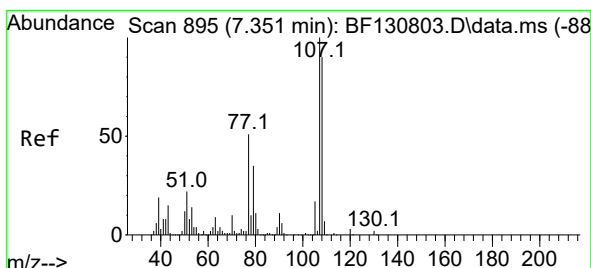
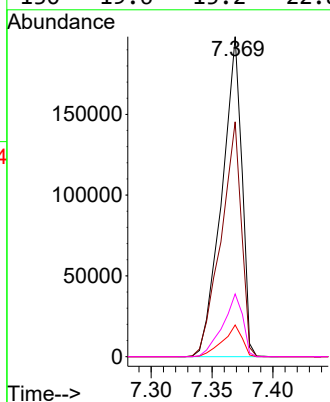
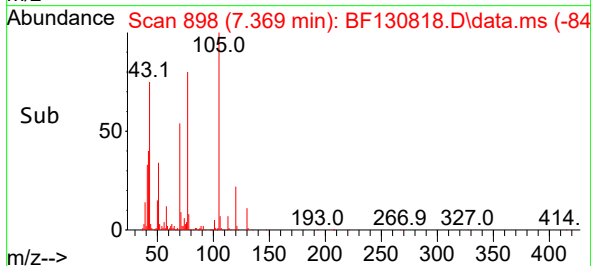
Tgt Ion: 70 Resp: 22738

Ion	Ratio	Lower	Upper
70	100		
42	73.4	56.1	84.1
101	9.9	7.3	10.9
130	19.6	15.2	22.8

Manual Integrations

APPROVED

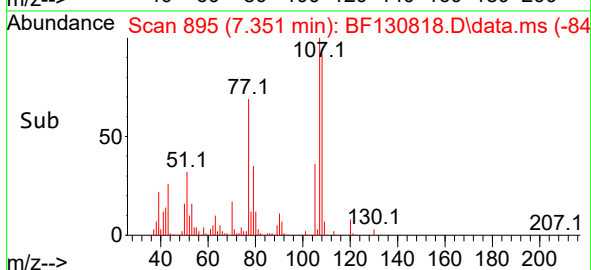
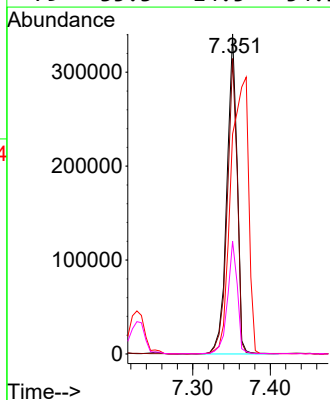
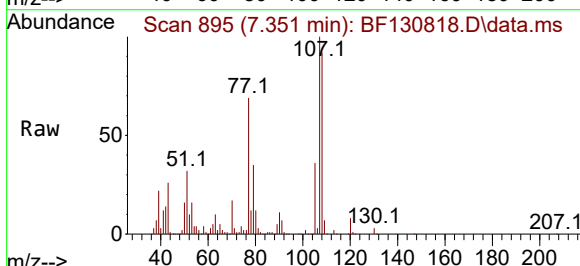
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

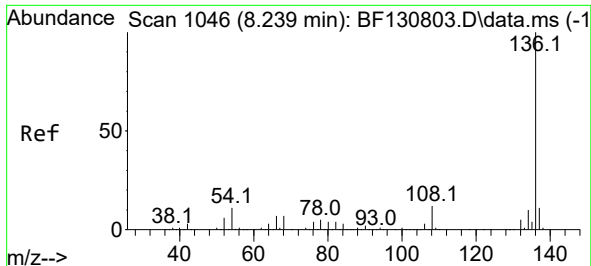


#20
3+4-Methylphenols
Concen: 45.163 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:107 Resp: 312806

Ion	Ratio	Lower	Upper
107	100		
108	92.3	70.4	110.4
77	68.7	31.1	71.1
79	35.3	14.5	54.5





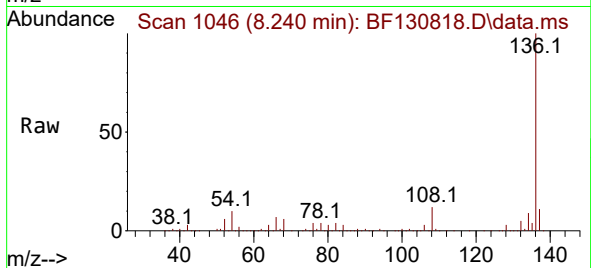
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1046
Delta R.T. 0.001 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

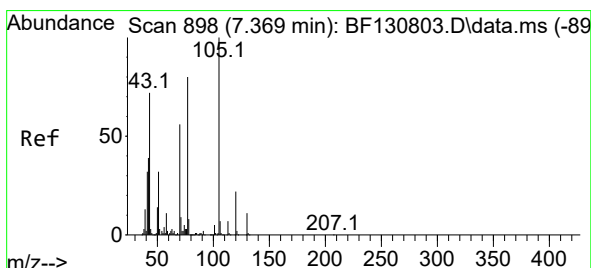
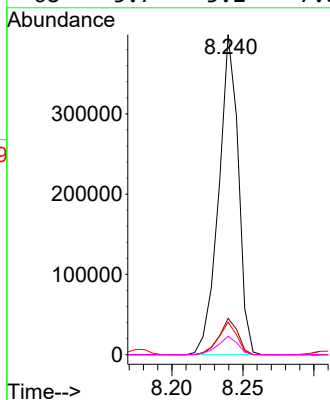
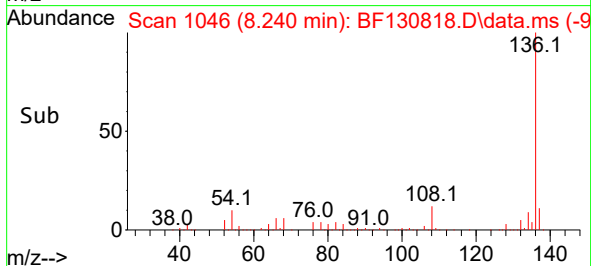


Tgt Ion:136 Resp: 381000
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 10.1 8.8 13.2
68 5.7 5.2 7.8

Manual Integrations

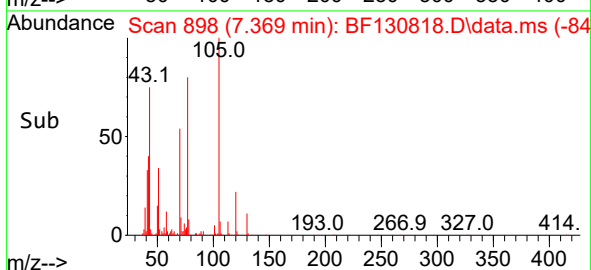
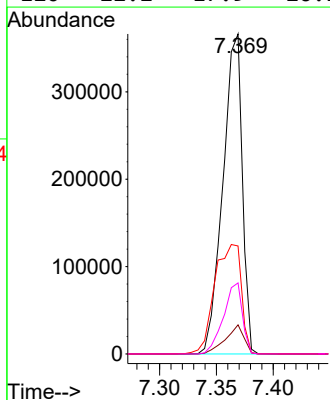
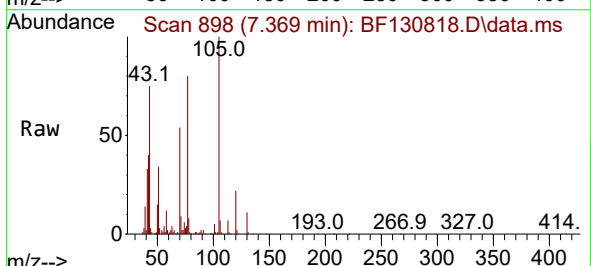
APPROVED

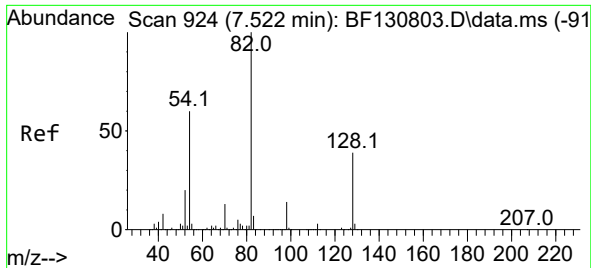
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#22
Acetophenone
Concen: 47.131 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

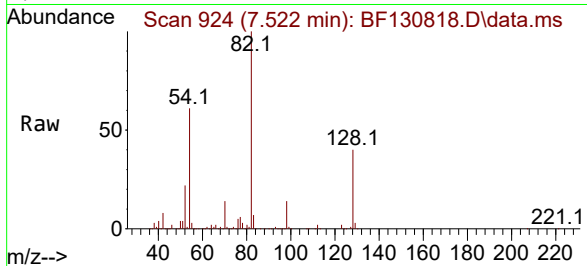
Tgt Ion:105 Resp: 435375
Ion Ratio Lower Upper
105 100
71 9.1 7.2 10.8
51 33.7 25.9 38.9
120 22.2 17.9 26.9





#23
Nitrobenzene-d5
Concen: 100.831 ng
RT: 7.522 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

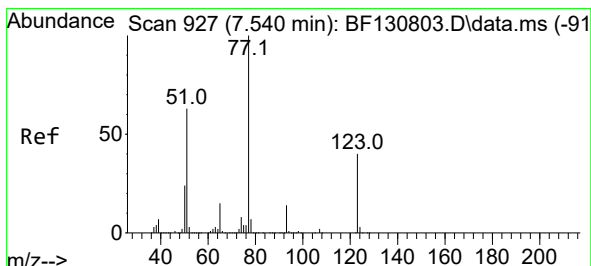
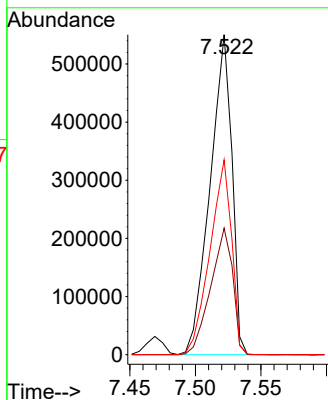
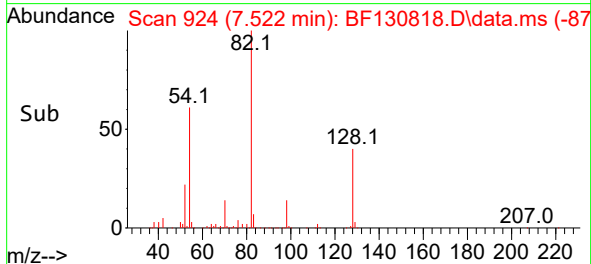
Instrument :
BNA_F
ClientSampleId :
PB148383BS



Tgt Ion: 82 Resp: 637104
Ion Ratio Lower Upper
82 100
128 39.6 31.2 46.8
54 60.9 48.0 72.0

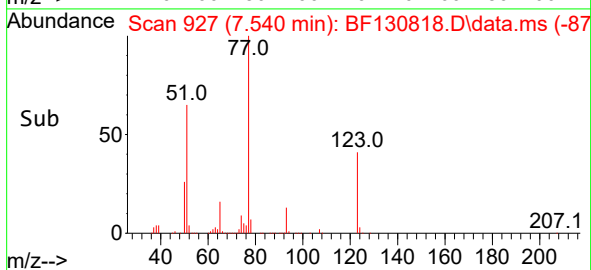
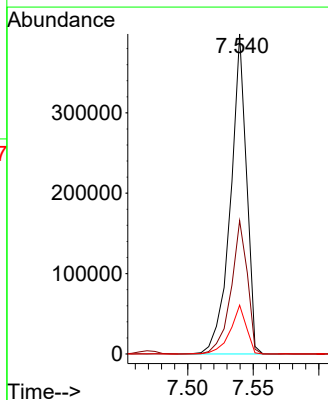
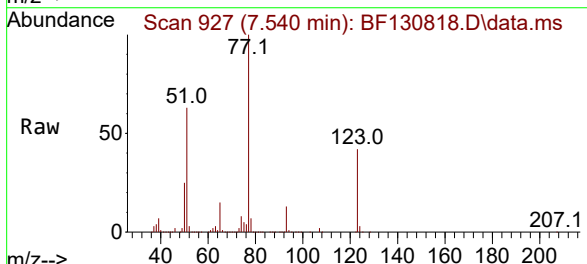
Manual Integrations
APPROVED

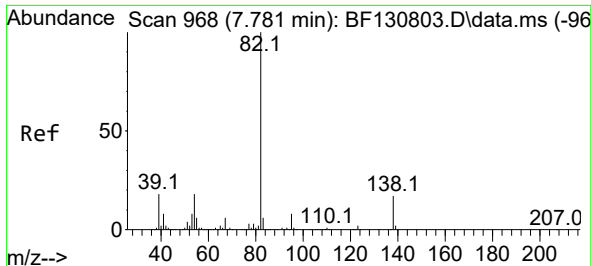
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#24
Nitrobenzene
Concen: 48.847 ng
RT: 7.540 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

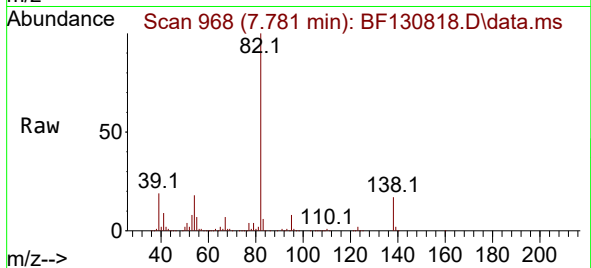
Tgt Ion: 77 Resp: 337492
Ion Ratio Lower Upper
77 100
123 41.7 32.2 48.2
65 15.3 12.0 18.0





#25
Isophorone
Concen: 48.003 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

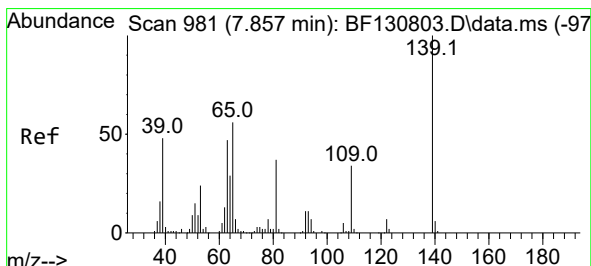
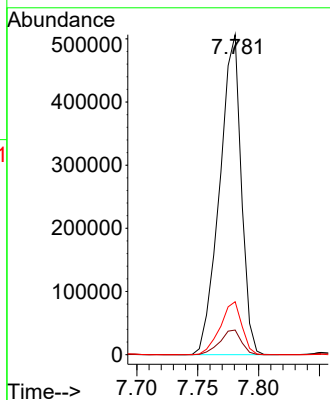
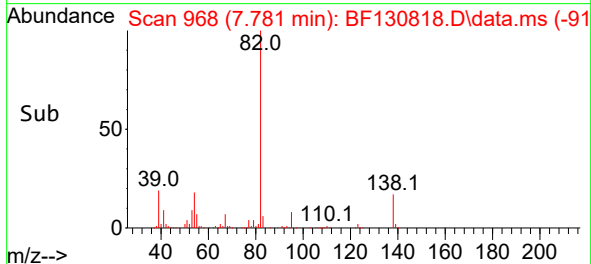
Instrument :
BNA_F
ClientSampleId :
PB148383BS



Tgt Ion: 82 Resp: 625464
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 16.5 13.8 20.6

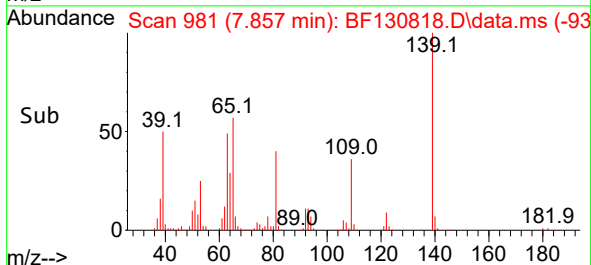
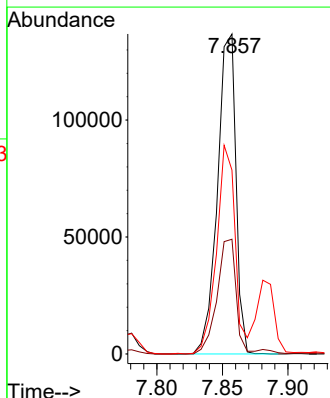
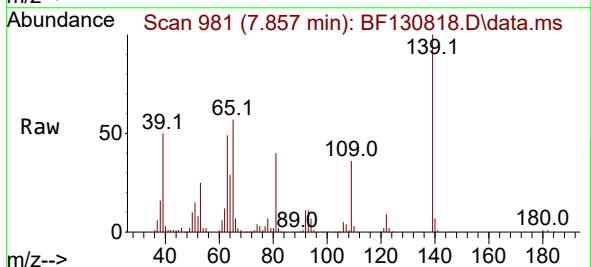
Manual Integrations
APPROVED

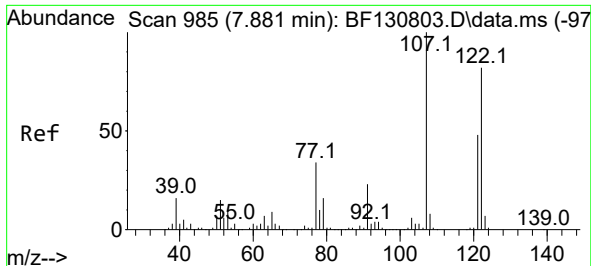
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#26
2-Nitrophenol
Concen: 49.030 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:139 Resp: 133825
Ion Ratio Lower Upper
139 100
109 35.8 27.3 40.9
65 57.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 51.851 ng

RT: 7.887 min Scan# 985

Delta R.T. 0.006 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

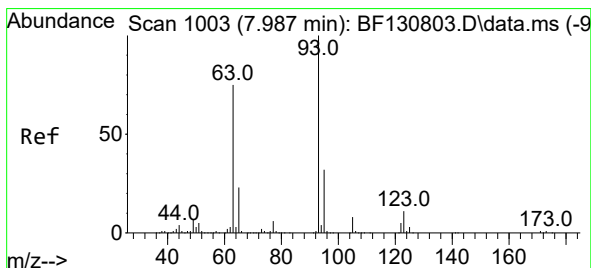
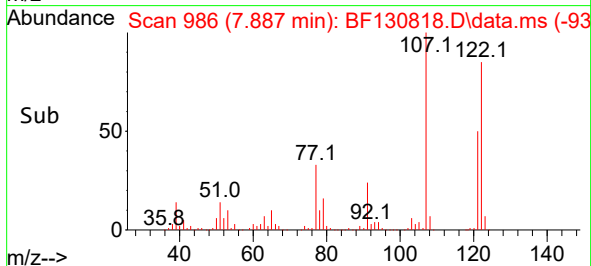
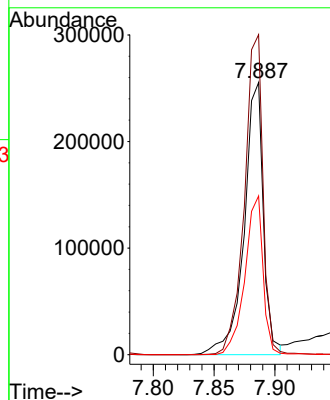
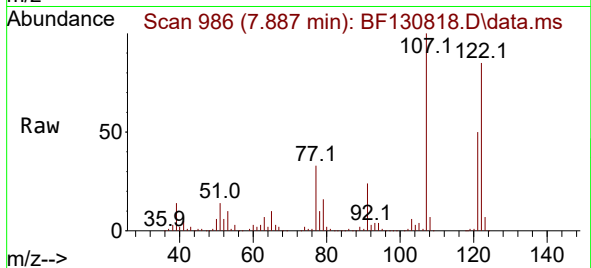
PB148383BS

Tgt Ion:122 Resp: 281172
 Ion Ratio Lower Upper
 122 100
 107 117.6 97.1 145.7
 121 58.3 46.9 70.3

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 49.181 ng

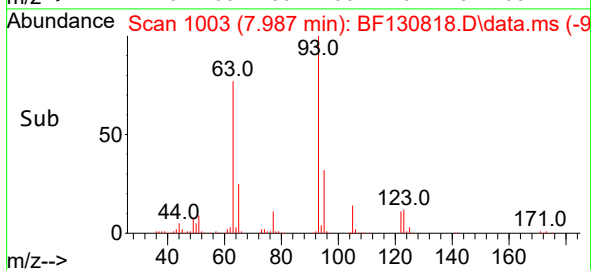
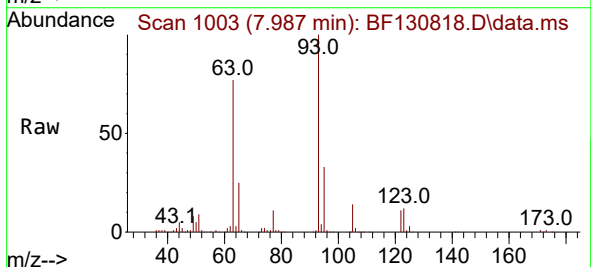
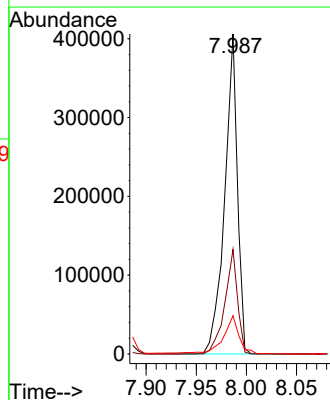
RT: 7.987 min Scan# 1003

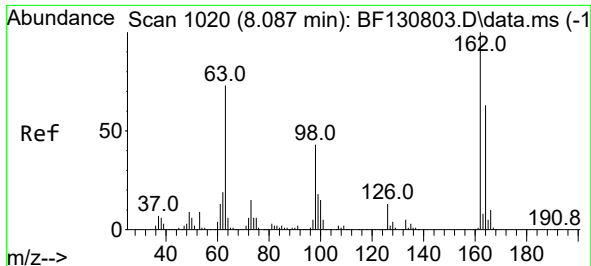
Delta R.T. 0.000 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

Tgt Ion: 93 Resp: 357889
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.671 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF130818.D

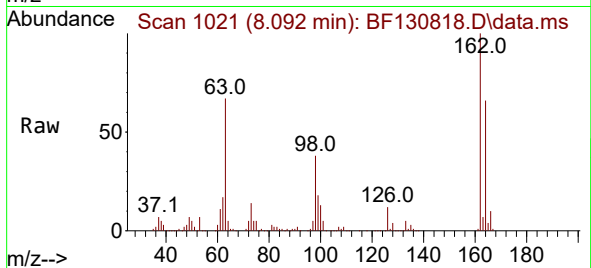
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS



Tgt Ion:162 Resp: 254769

Ion Ratio Lower Upper

162 100

164 65.7 43.2 83.2

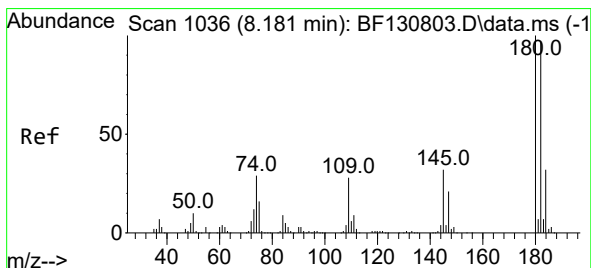
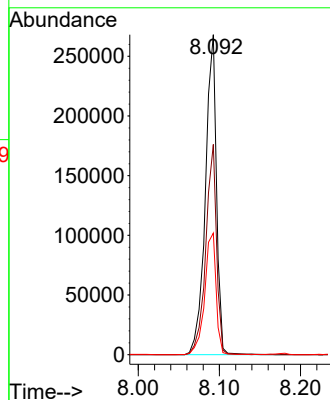
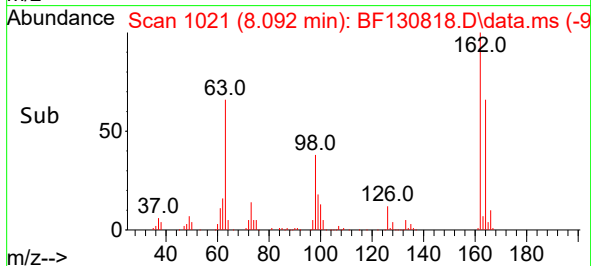
98 38.0 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.257 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

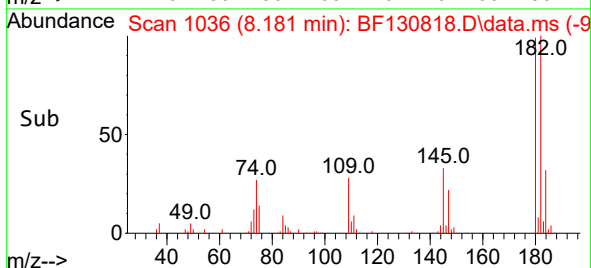
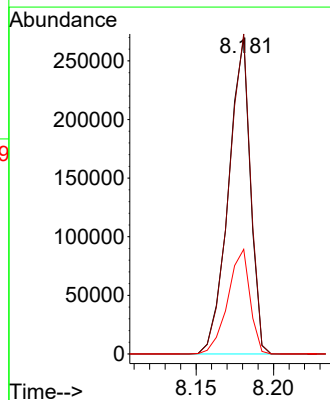
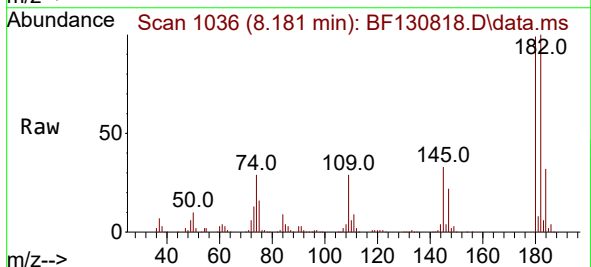
Tgt Ion:180 Resp: 265473

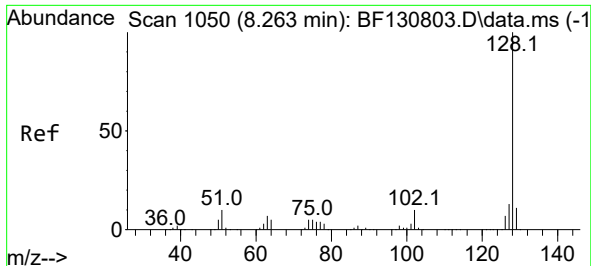
Ion Ratio Lower Upper

180 100

182 101.1 77.7 116.5

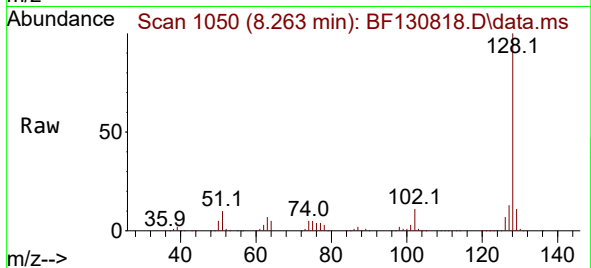
145 33.1 25.9 38.9





#31
Naphthalene
Concen: 44.108 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

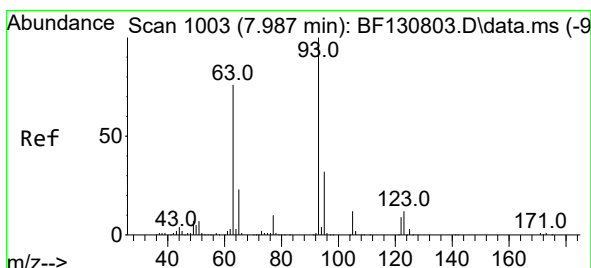
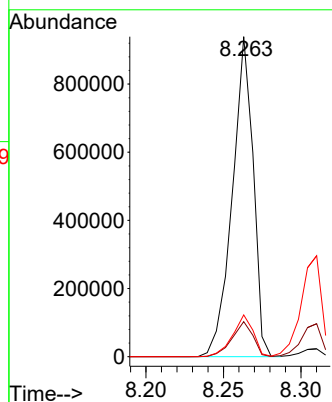
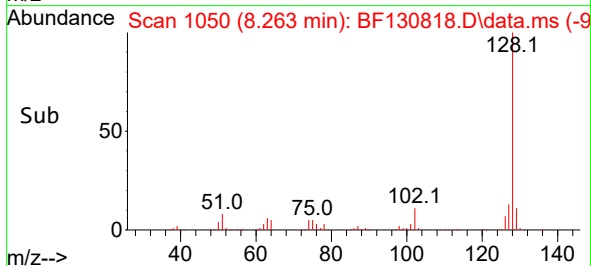
Instrument :
BNA_F
ClientSampleId :
PB148383BS



Tgt Ion:128 Resp: 876789
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.6 16.0

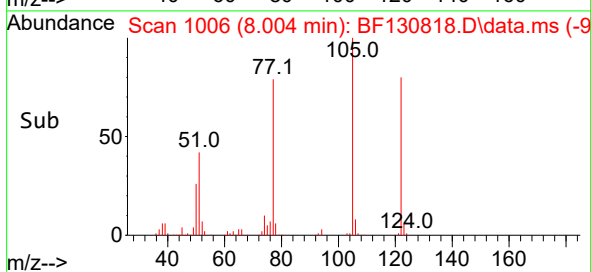
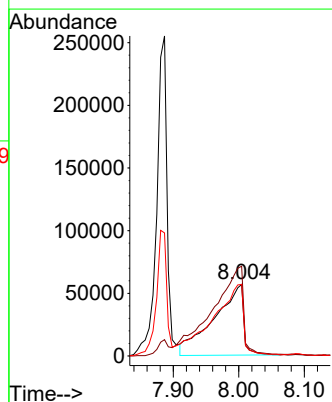
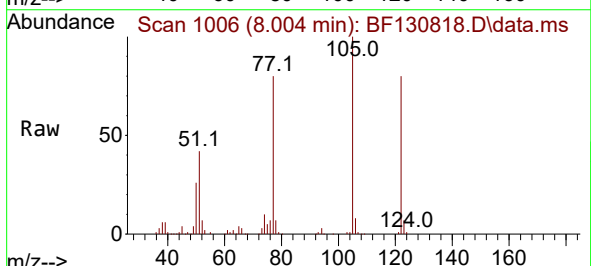
Manual Integrations
APPROVED

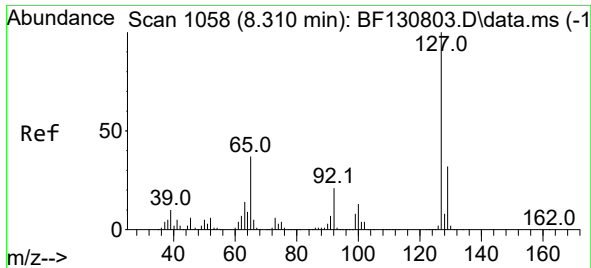
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#32
Benzoic acid
Concen: 46.294 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.017 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:122 Resp: 177159
Ion Ratio Lower Upper
122 100
105 125.5 114.5 154.5
77 99.9 89.8 129.8





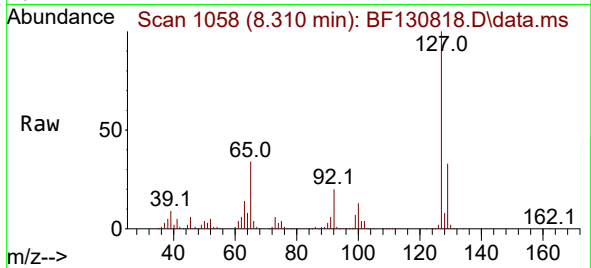
#33
4-Chloroaniline
Concen: 35.377 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

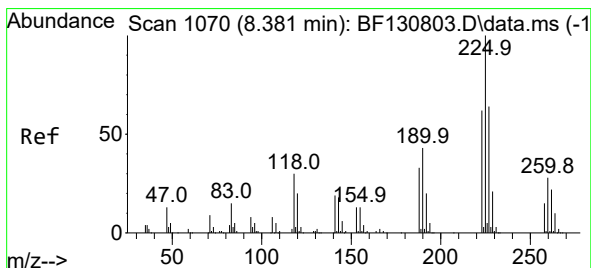
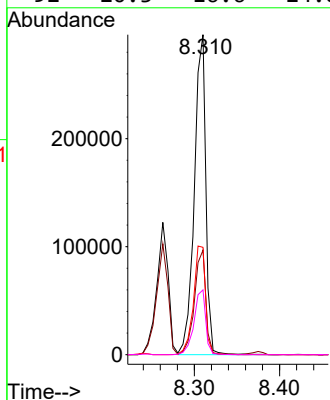
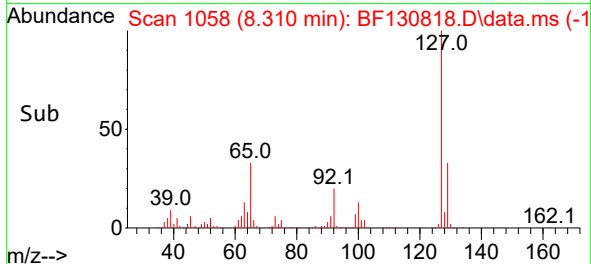


Tgt Ion:127 Resp: 277885
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4
65 33.5 29.4 44.2
92 20.3 16.6 24.8

Manual Integrations

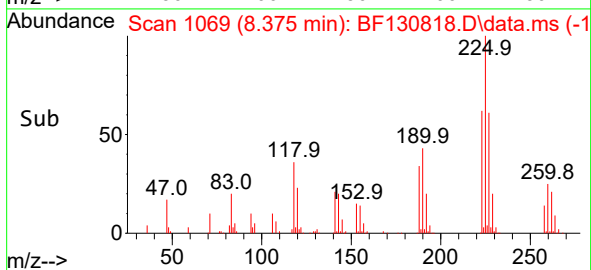
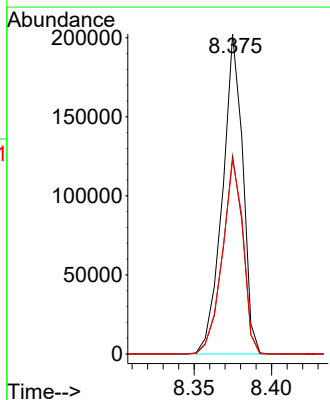
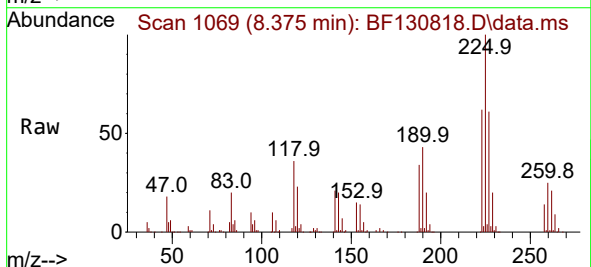
APPROVED

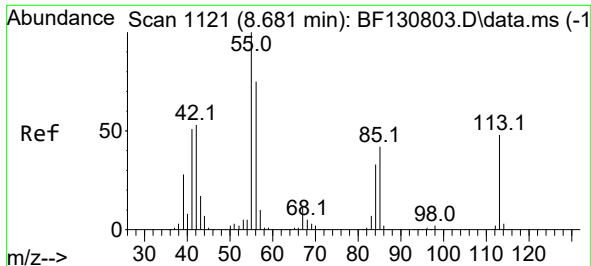
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#34
Hexachlorobutadiene
Concen: 46.146 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

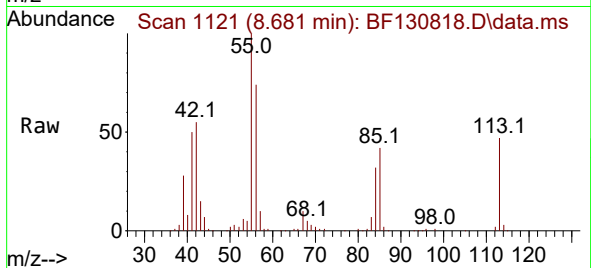
Tgt Ion:225 Resp: 183752
Ion Ratio Lower Upper
225 100
223 61.9 49.9 74.9
227 60.7 51.5 77.3





#35
Caprolactam
Concen: 48.527 ng m
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

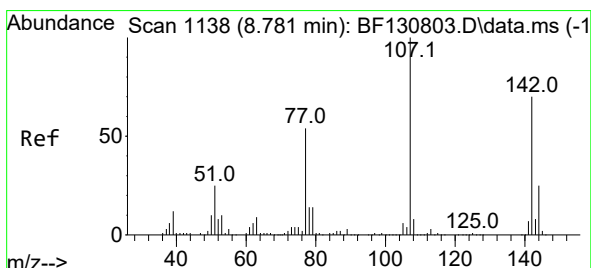
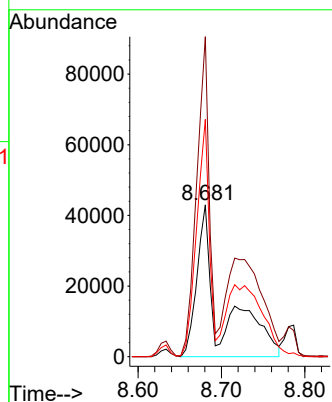
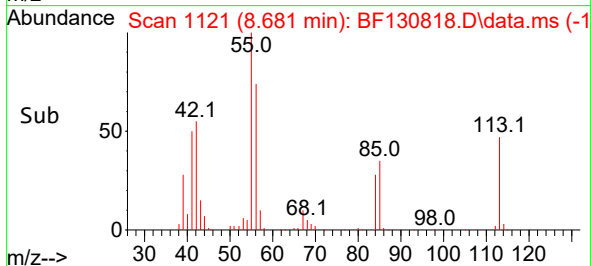
Instrument :
BNA_F
ClientSampleId :
PB148383BS



Tgt Ion:113 Resp: 86748
Ion Ratio Lower Upper
113 100
55 210.7 187.0 227.0
56 156.3 134.2 174.2

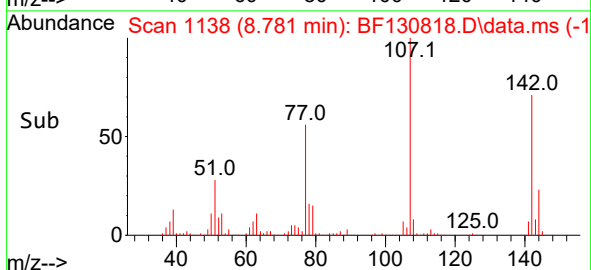
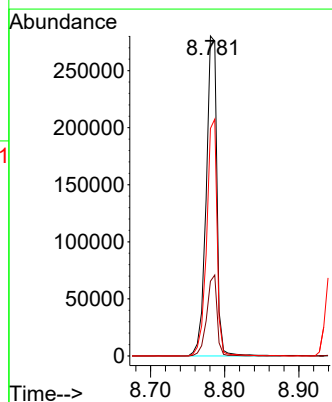
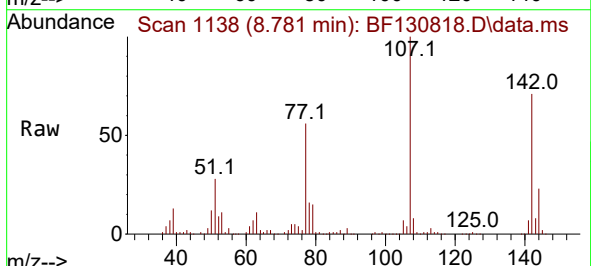
Manual Integrations
APPROVED

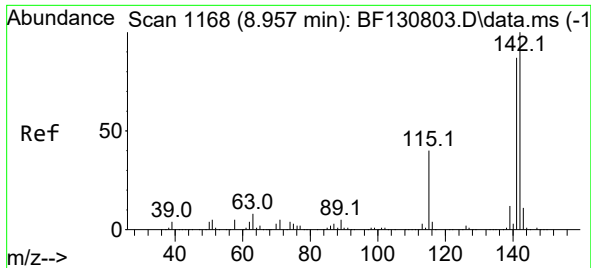
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#36
4-Chloro-3-methylphenol
Concen: 46.748 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:107 Resp: 282871
Ion Ratio Lower Upper
107 100
144 23.3 19.8 29.8
142 71.1 56.0 84.0





#37
2-Methylnaphthalene
Concen: 44.106 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

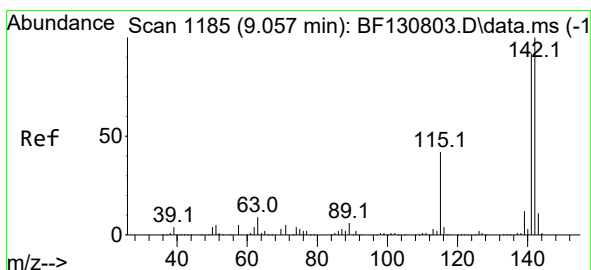
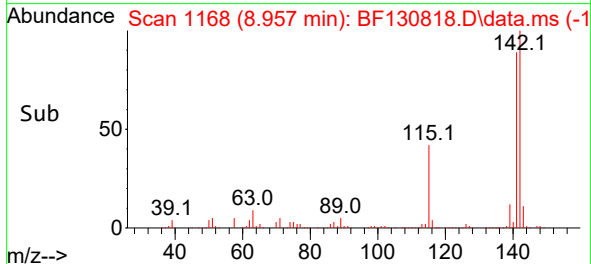
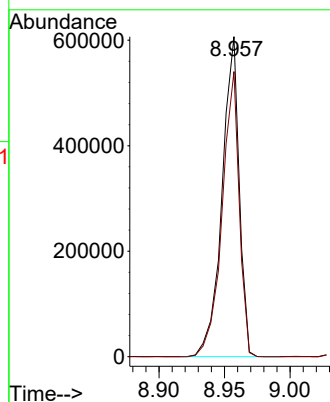
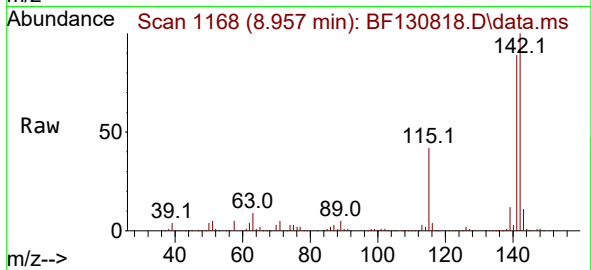
PB148383BS

Tgt Ion:142 Resp: 551492
Ion Ratio Lower Upper
142 100
141 89.1 69.9 104.9

Manual Integrations

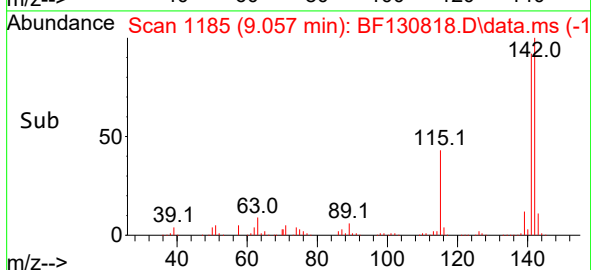
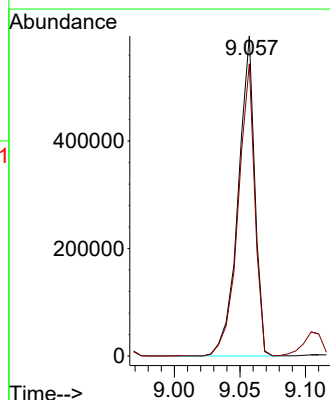
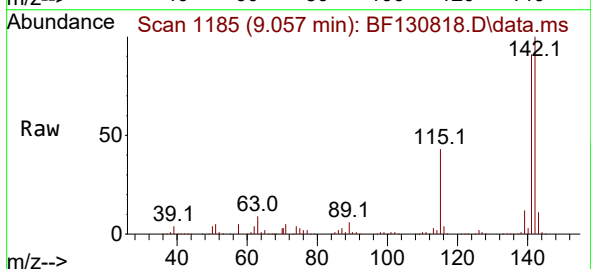
APPROVED

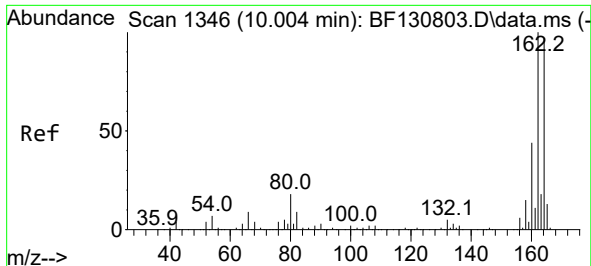
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#38
1-Methylnaphthalene
Concen: 43.286 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

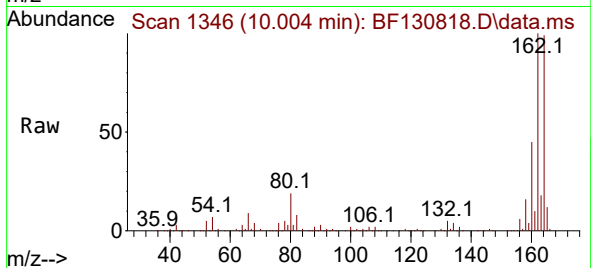
Tgt Ion:142 Resp: 526724
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

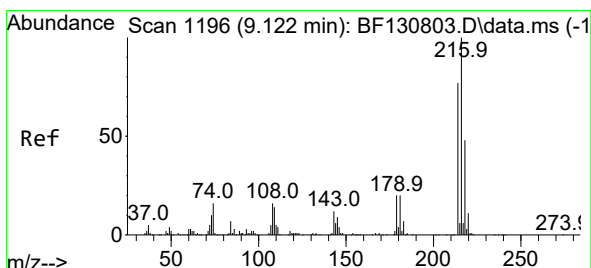
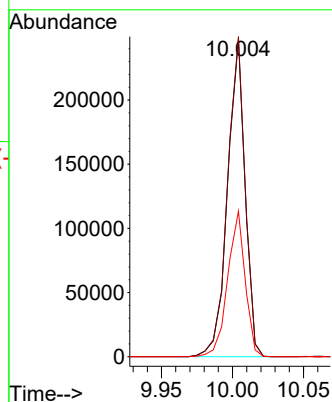
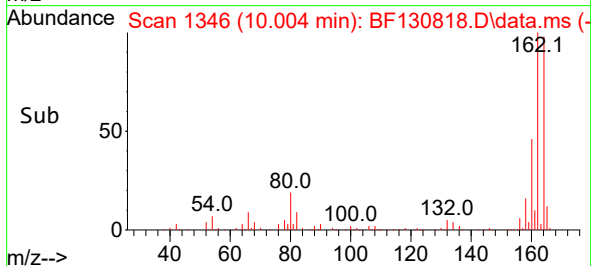
Instrument :
BNA_F
ClientSampleId :
PB148383BS



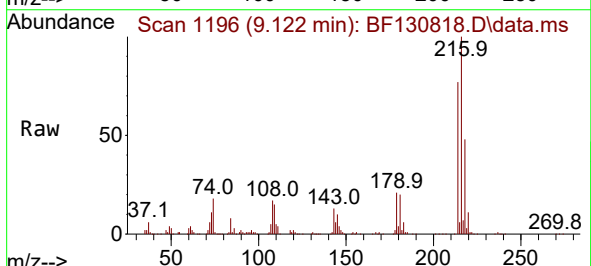
Tgt Ion:164 Resp: 211144
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 45.9 36.6 54.8

Manual Integrations
APPROVED

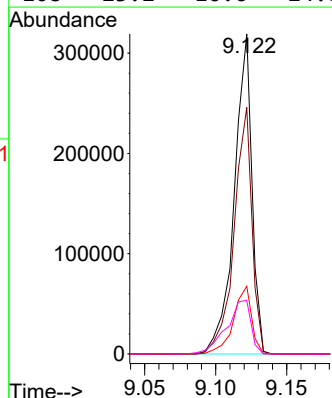
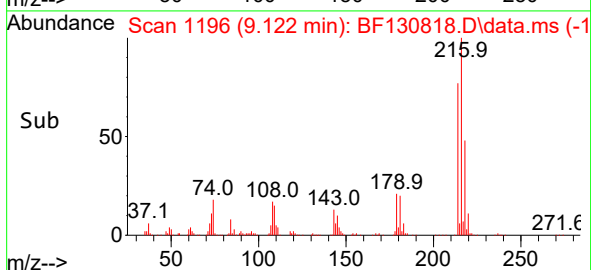
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

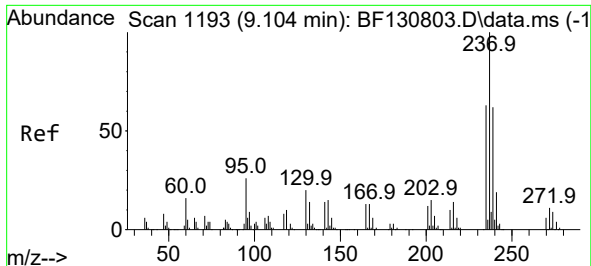


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.027 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



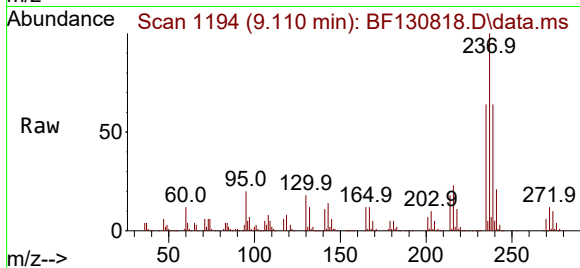
Tgt Ion:216 Resp: 275596
Ion Ratio Lower Upper
216 100
214 77.9 62.7 94.1
179 21.8 16.9 25.3
108 23.2 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 115.668 ng
RT: 9.110 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

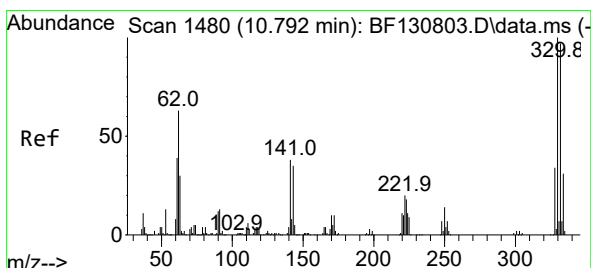
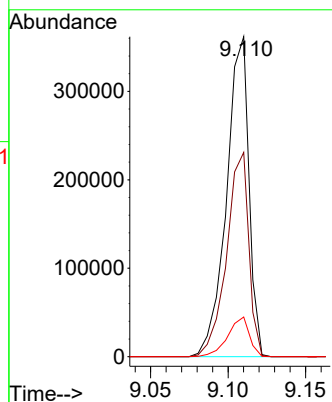
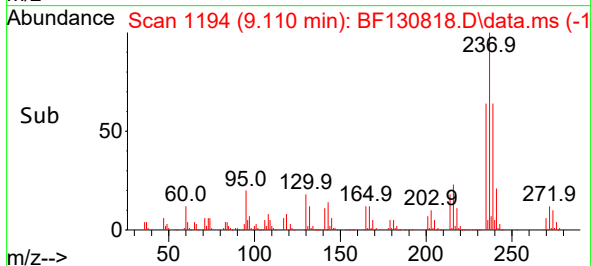
Instrument :
BNA_F
ClientSampleId :
PB148383BS



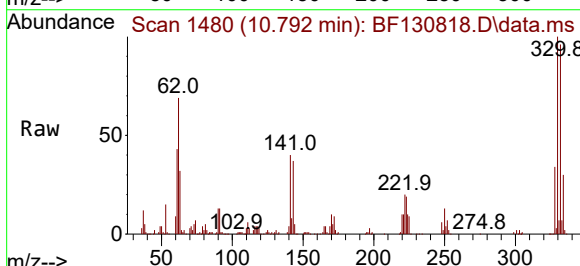
Tgt Ion:237 Resp: 36389
Ion Ratio Lower Upper
237 100
235 63.9 43.5 83.5
272 12.4 0.0 31.4

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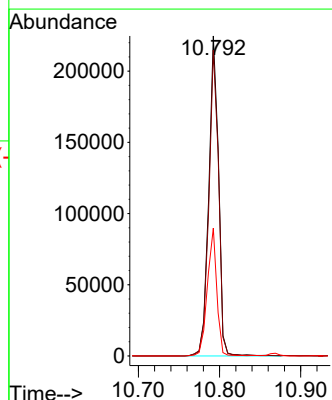
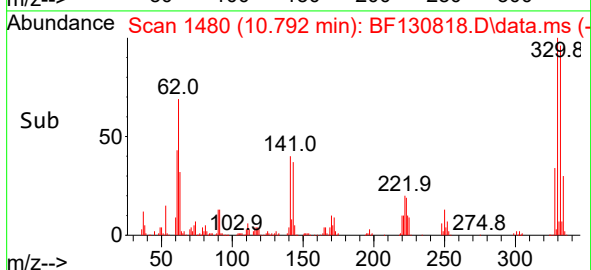
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

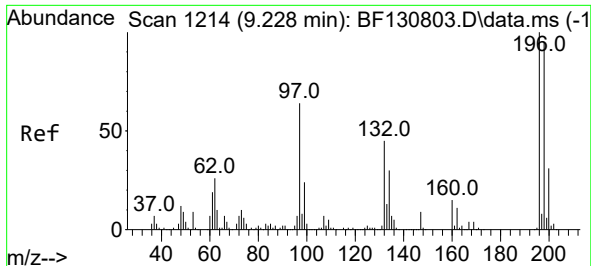


#42
2,4,6-Tribromophenol
Concen: 105.148 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:330 Resp: 186891
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 38.7 31.4 47.0





#43
2,4,6-Trichlorophenol
Concen: 45.279 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

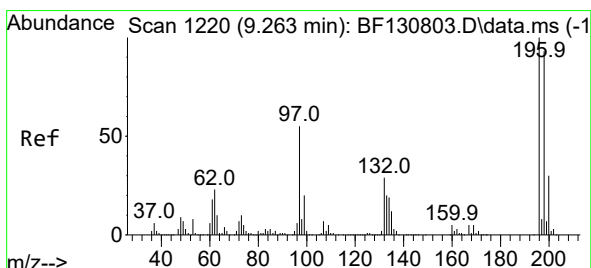
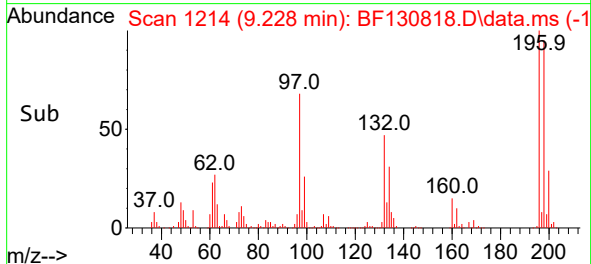
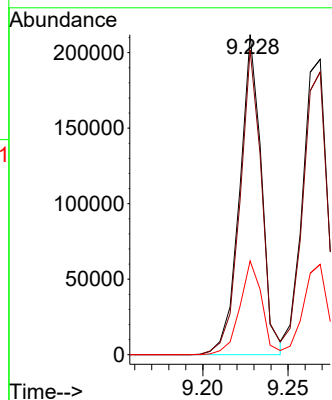
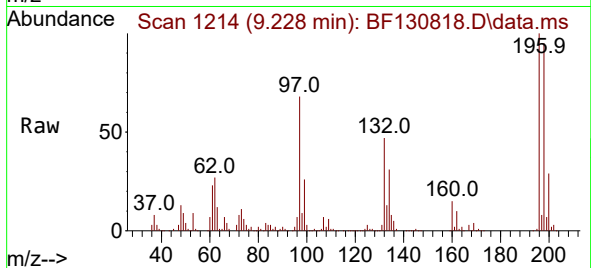
PB148383BS

Tgt Ion:196 Resp: 18839
Ion Ratio Lower Upper
196 100
198 95.3 76.1 114.1
200 29.3 24.5 36.7

Manual Integrations

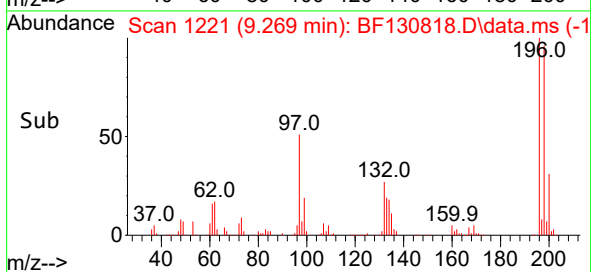
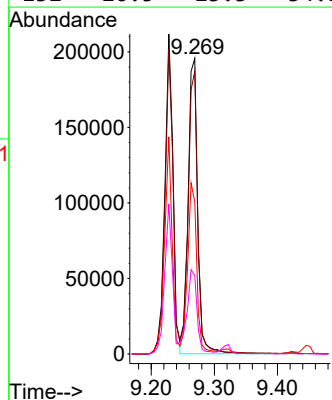
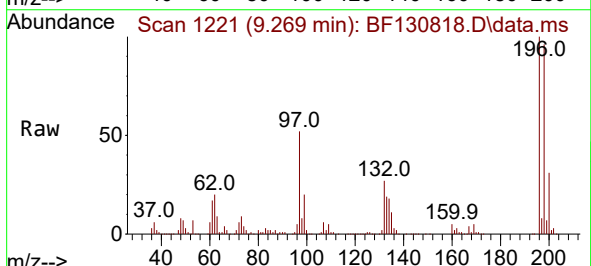
APPROVED

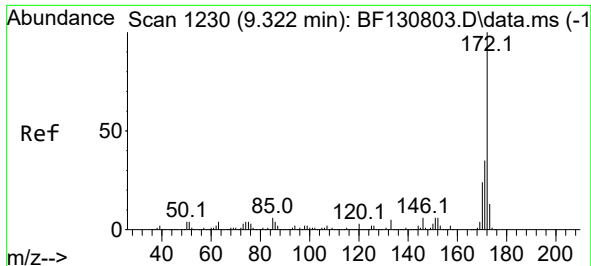
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#44
2,4,5-Trichlorophenol
Concen: 46.695 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:196 Resp: 207566
Ion Ratio Lower Upper
196 100
198 95.7 74.6 112.0
97 51.5 44.7 67.1
132 26.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 83.528 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

Tgt Ion:172 Resp: 116651

Ion Ratio Lower Upper

172 100

171 35.3 28.1 42.1

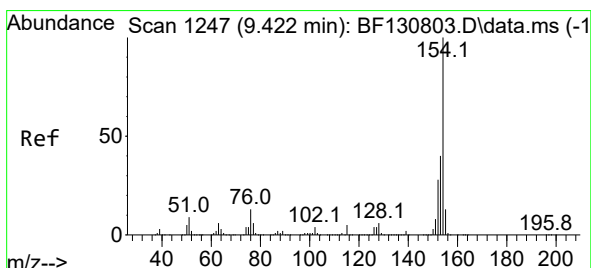
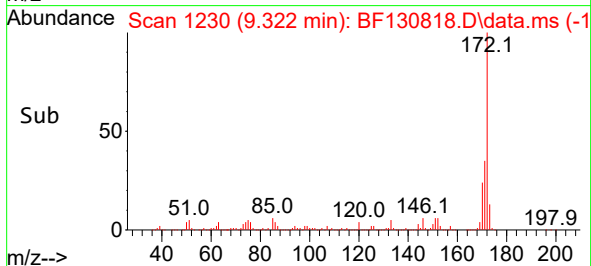
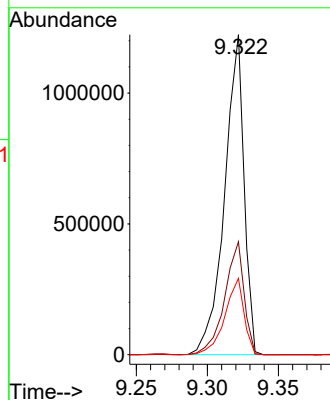
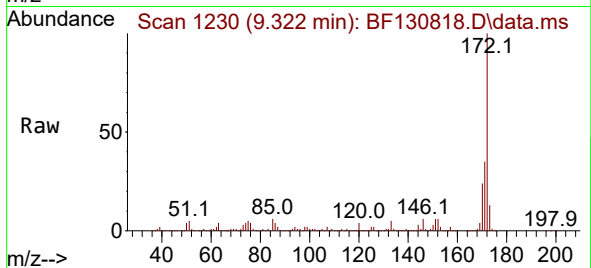
170 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#46

1,1'-Biphenyl

Concen: 46.098 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

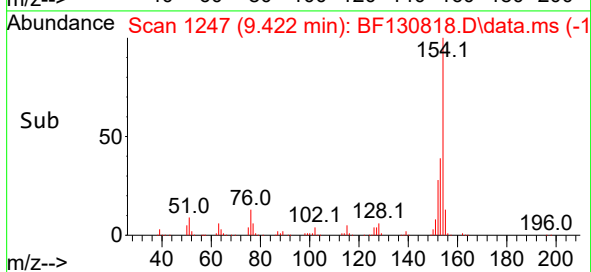
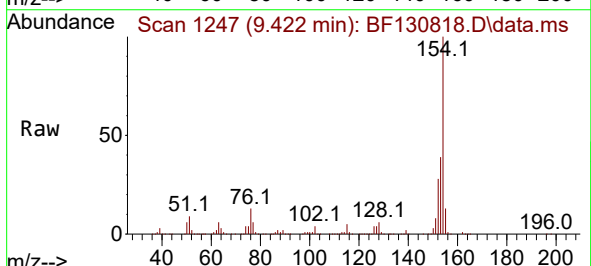
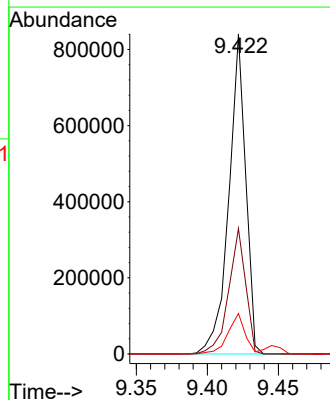
Tgt Ion:154 Resp: 693446

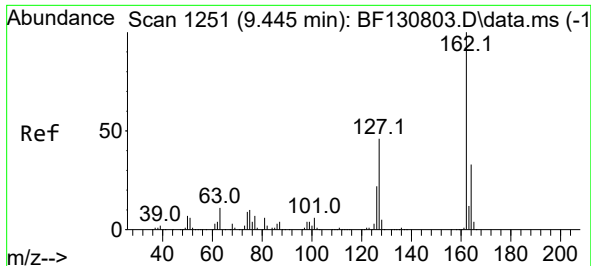
Ion Ratio Lower Upper

154 100

153 39.2 19.9 59.9

76 12.6 0.0 32.5





#47

2-Chloronaphthalene

Concen: 44.195 ng

RT: 9.445 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BF130818.D

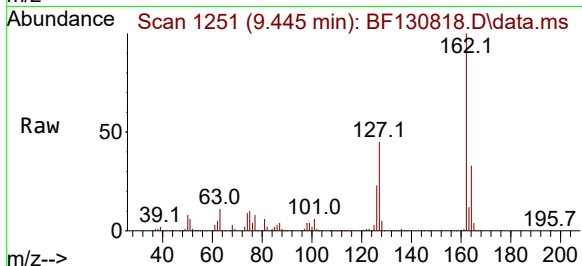
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS



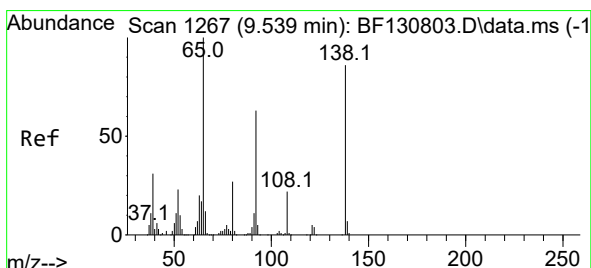
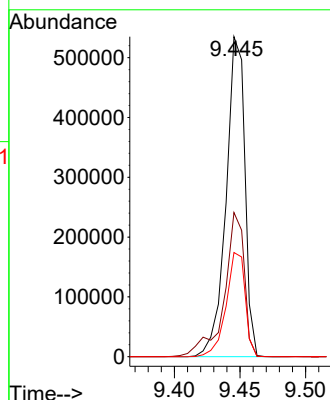
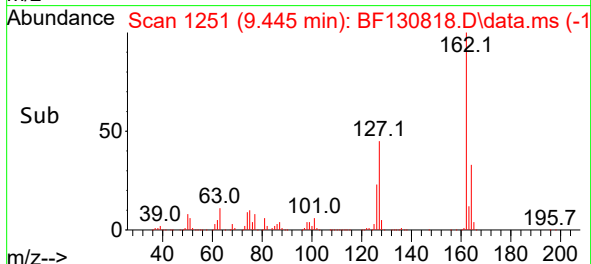
Tgt Ion: 162 Resp: 53309

Ion	Ratio	Lower	Upper
162	100		
127	45.1	36.6	54.8
164	32.5	26.5	39.7

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

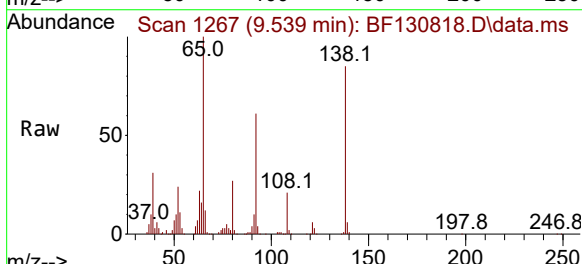
Concen: 48.987 ng

RT: 9.539 min Scan# 1267

Delta R.T. 0.000 min

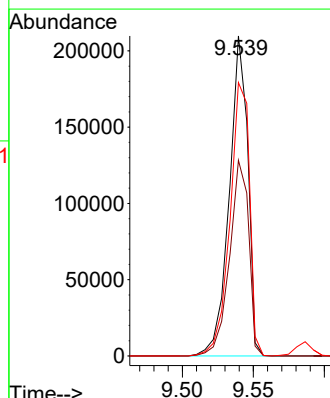
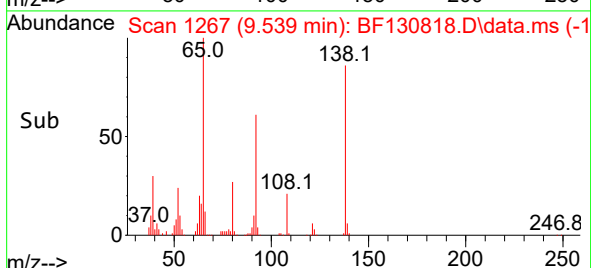
Lab File: BF130818.D

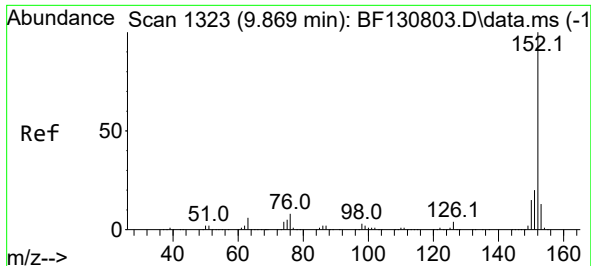
Acq: 28 Oct 2022 10:11



Tgt Ion: 65 Resp: 190367

Ion	Ratio	Lower	Upper
65	100		
92	61.1	50.1	75.1
138	85.4	69.2	103.8





#49

Acenaphthylene

Concen: 44.530 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130818.D

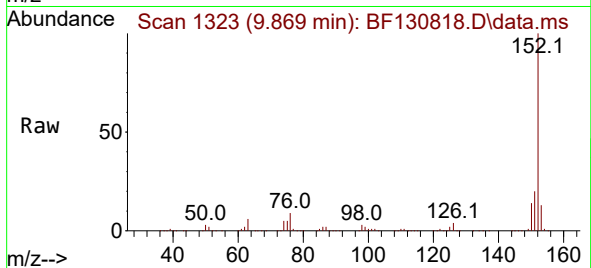
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS



Tgt Ion:152 Resp: 848804

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

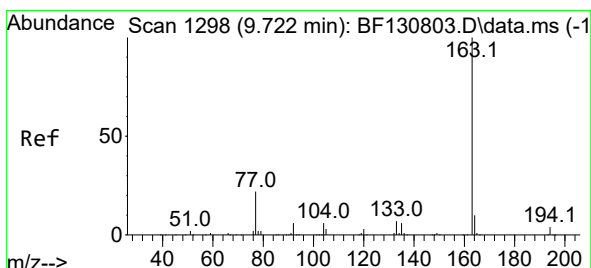
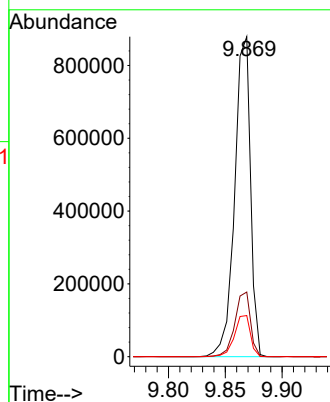
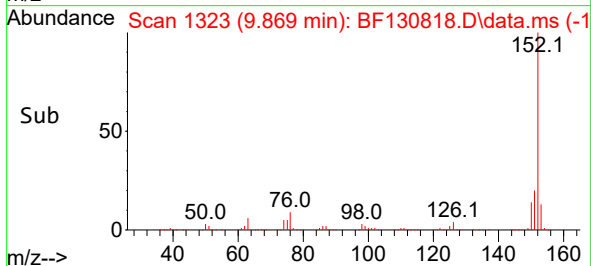
153 12.9 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#50

Dimethylphthalate

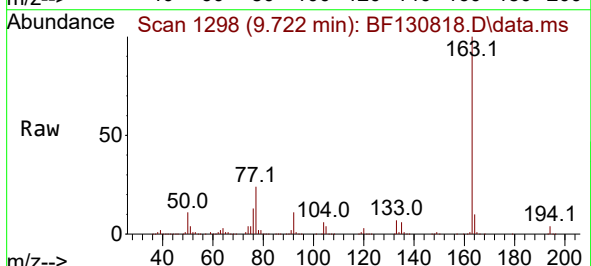
Concen: 45.143 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11



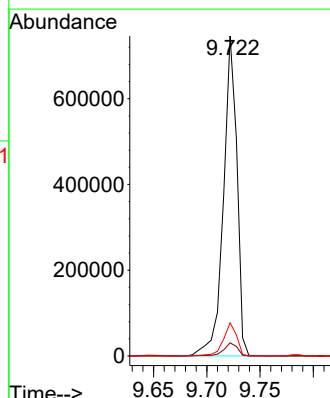
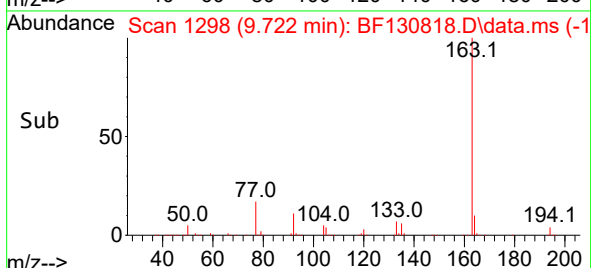
Tgt Ion:163 Resp: 654688

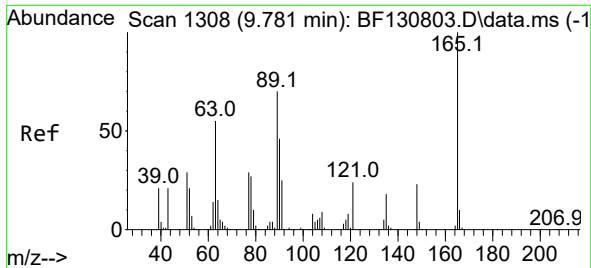
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.4 8.0 12.0





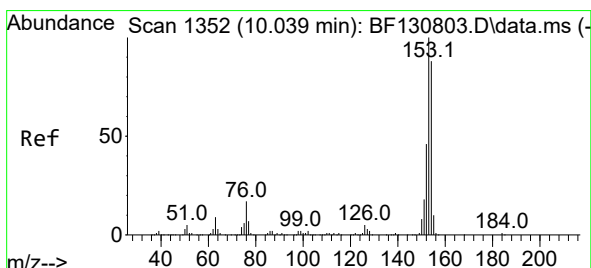
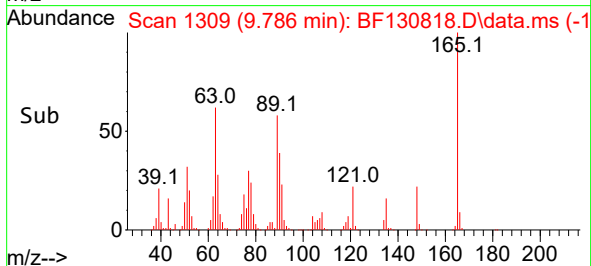
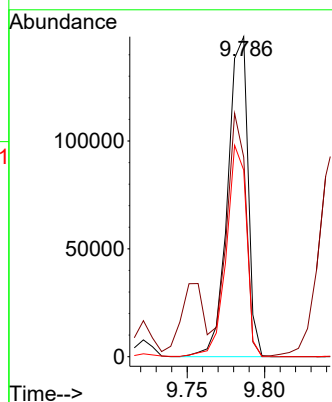
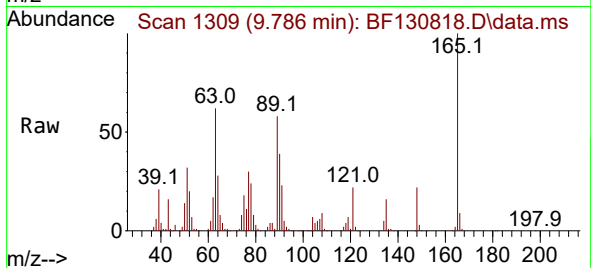
#51
2,6-Dinitrotoluene
Concen: 49.118 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.005 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :
BNA_F
ClientSampleId :
PB148383BS

Tgt Ion:165 Resp: 13560
Ion Ratio Lower Upper
165 100
63 62.4 61.8 92.8
89 58.3 56.2 84.4

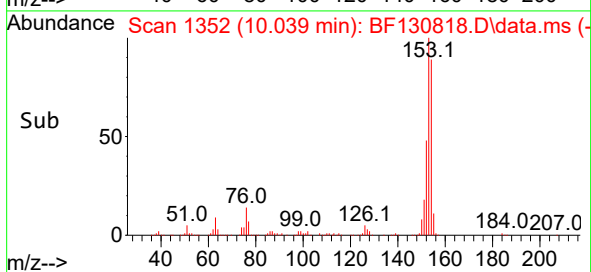
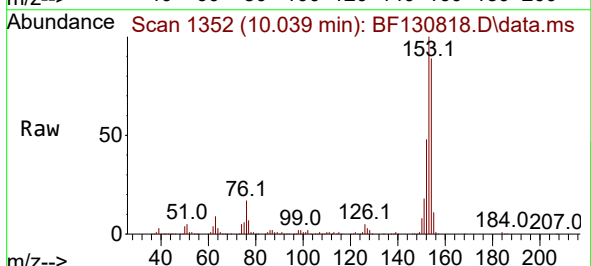
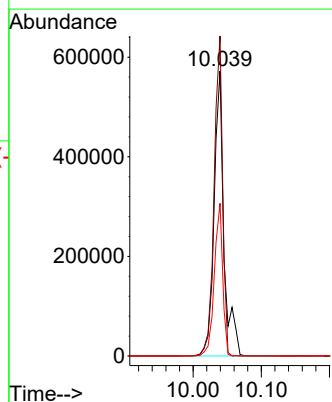
Manual Integrations
APPROVED

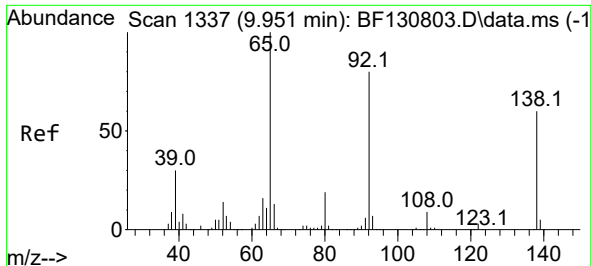
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#52
Acenaphthene
Concen: 48.841 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Tgt Ion:154 Resp: 575683
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 53.6 42.0 63.0





#53
3-Nitroaniline
Concen: 43.510 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

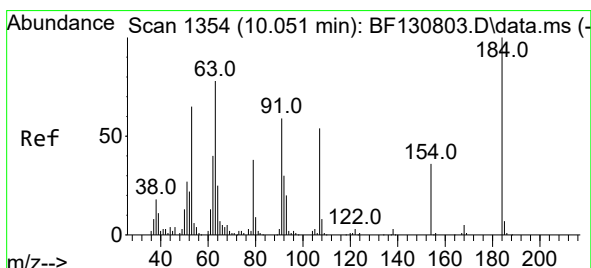
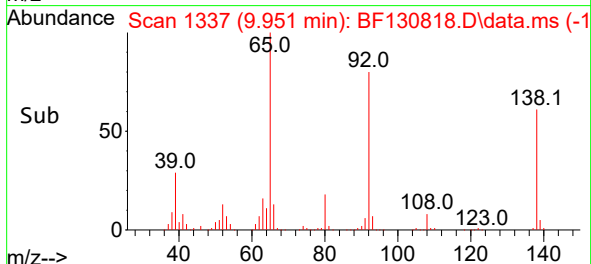
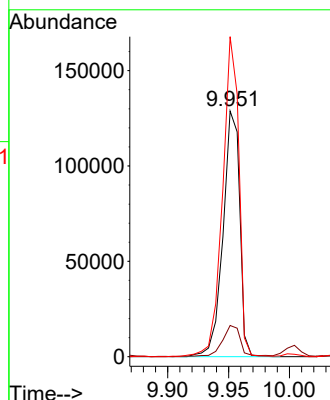
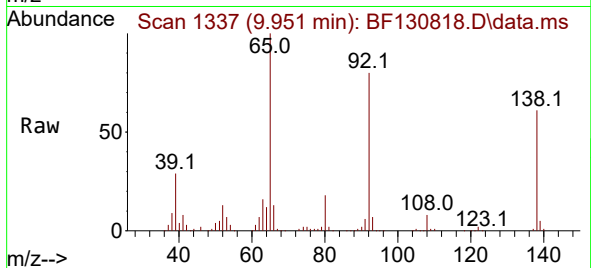
PB148383BS

Tgt Ion:138 Resp: 122907
Ion Ratio Lower Upper
138 100
108 12.7 12.7 19.1
92 130.3 107.8 161.8

Manual Integrations

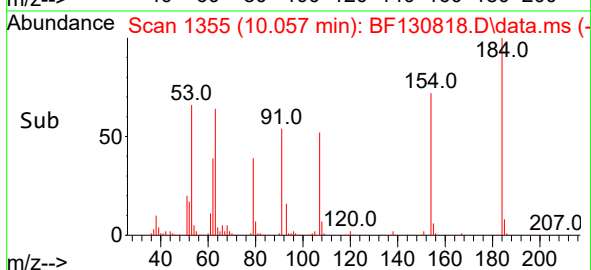
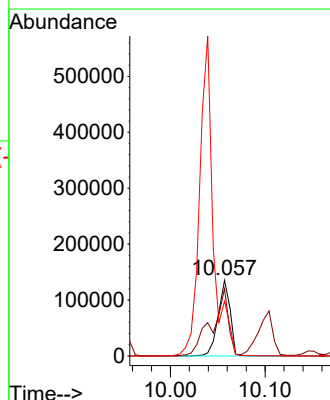
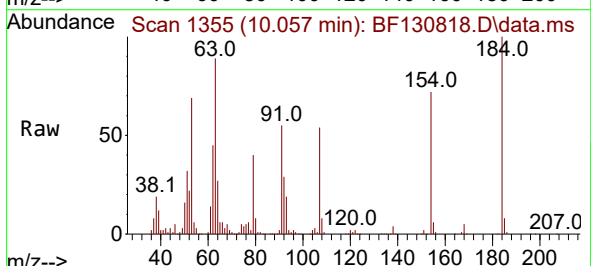
APPROVED

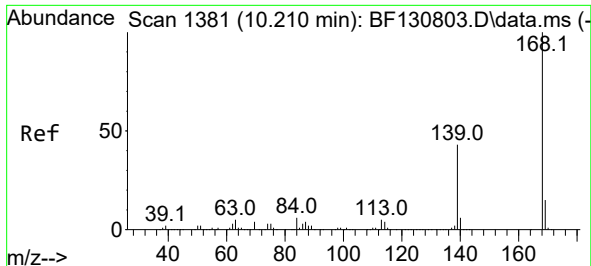
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#54
2,4-Dinitrophenol
Concen: 87.036 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

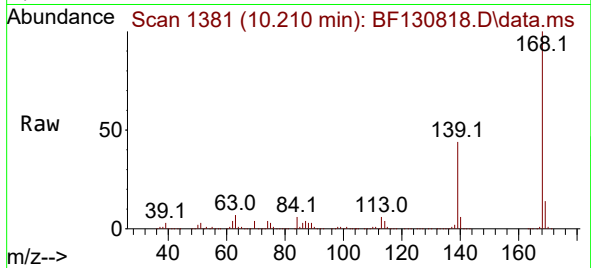
Tgt Ion:184 Resp: 119764
Ion Ratio Lower Upper
184 100
63 88.8 66.7 100.1
154 72.3 62.2 93.2





#55
Dibenzofuran
Concen: 44.612 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

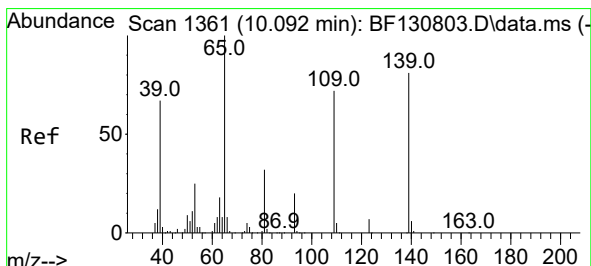
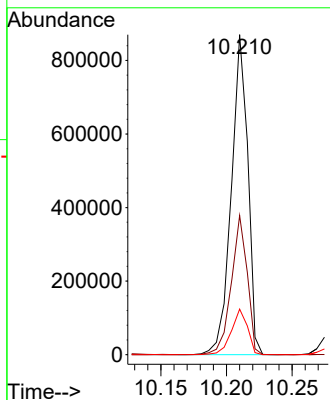
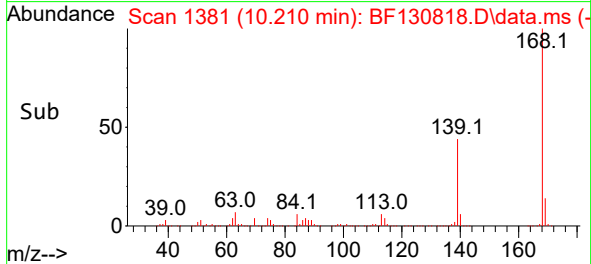
Instrument :
BNA_F
ClientSampleId :
PB148383BS



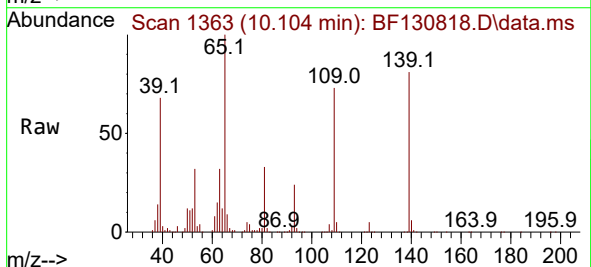
Tgt Ion:168 Resp: 76218
Ion Ratio Lower Upper
168 100
139 43.5 34.3 51.5
169 14.2 11.9 17.9

Manual Integrations
APPROVED

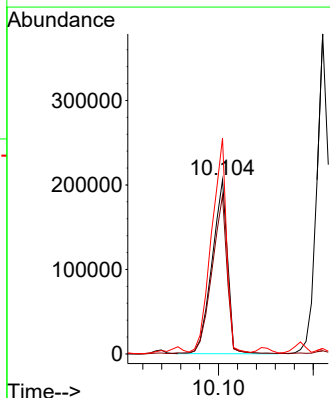
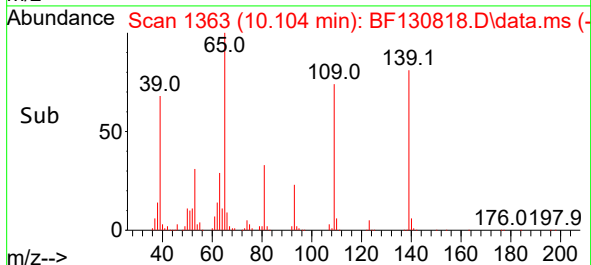
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

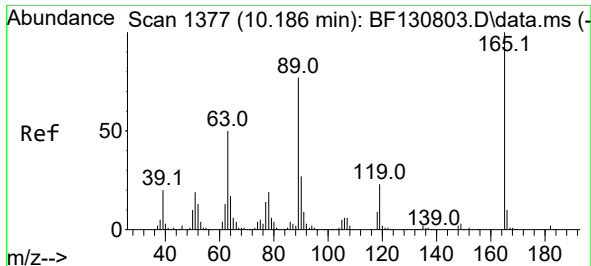


#56
4-Nitrophenol
Concen: 103.628 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:139 Resp: 231780
Ion Ratio Lower Upper
139 100
109 91.1 69.3 109.3
65 124.1 105.3 145.3





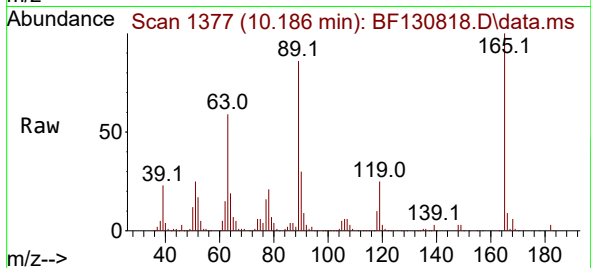
#57
2,4-Dinitrotoluene
Concen: 51.344 ng
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

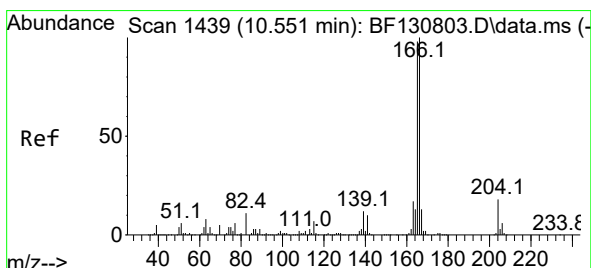
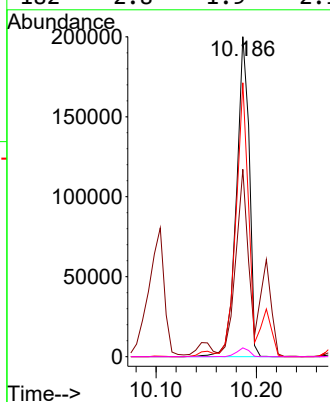
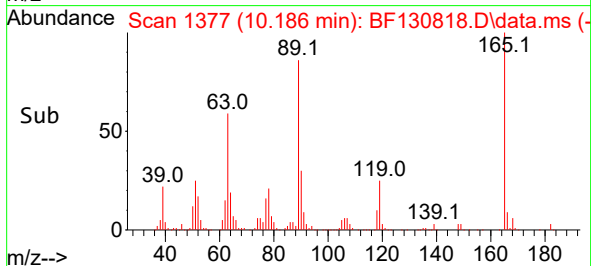


Tgt Ion:165 Resp: 178814
Ion Ratio Lower Upper
165 100
63 58.6 39.8 59.6
89 85.6 61.9 92.9
182 2.8 1.9 2.9

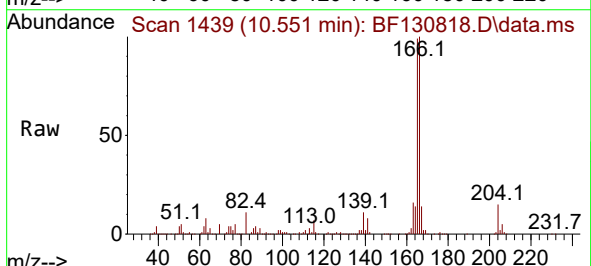
Manual Integrations

APPROVED

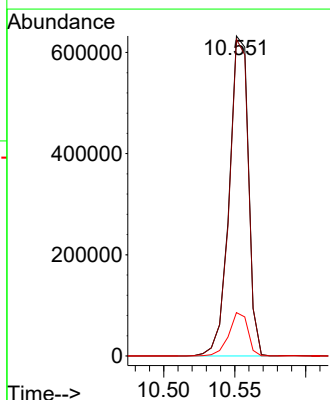
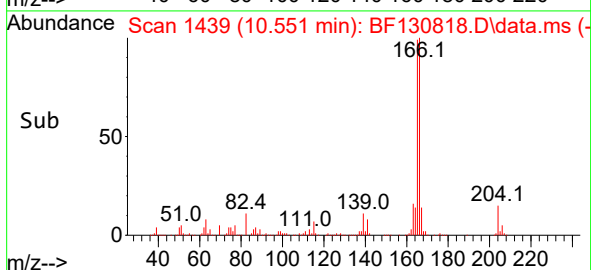
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

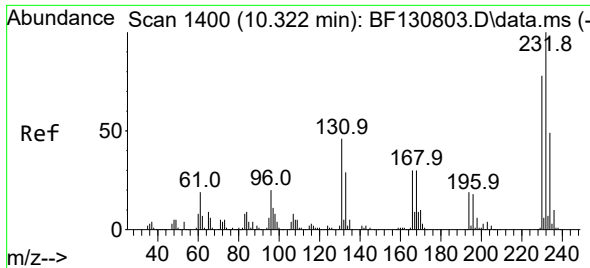


#58
Fluorene
Concen: 44.266 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



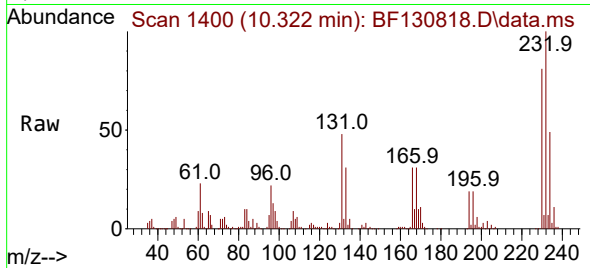
Tgt Ion:166 Resp: 595495
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 13.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.393 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

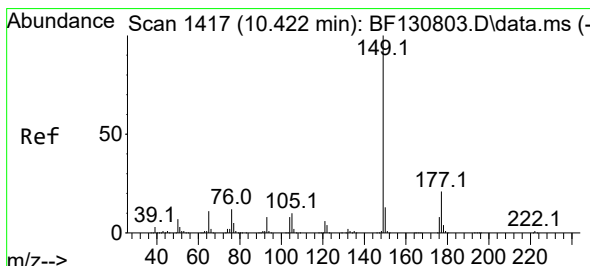
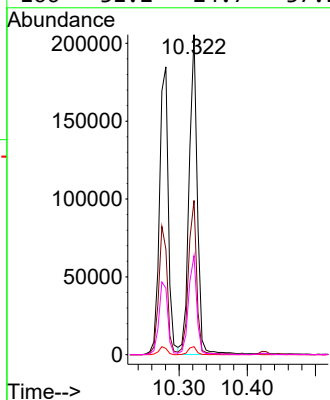
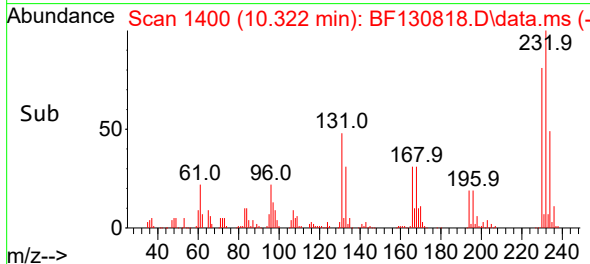
Instrument :
BNA_F
ClientSampleId :
PB148383BS



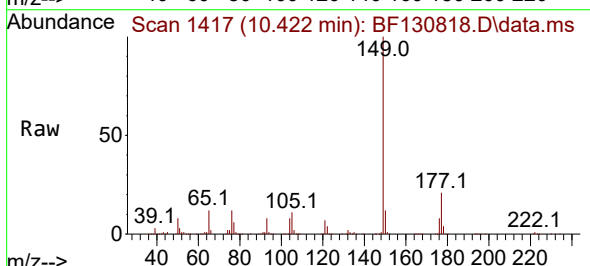
Tgt Ion:232 Resp: 170024
Ion Ratio Lower Upper
232 100
131 48.7 39.6 59.4
130 2.6 2.1 3.1
166 31.2 24.7 37.1

Manual Integrations
APPROVED

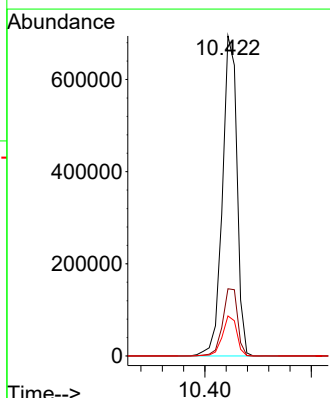
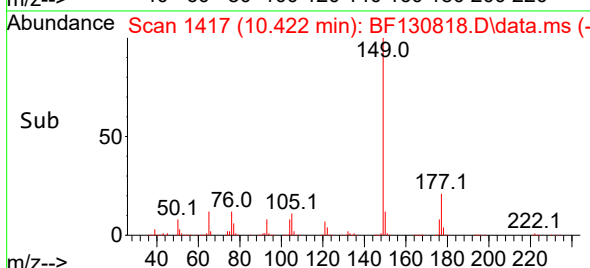
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

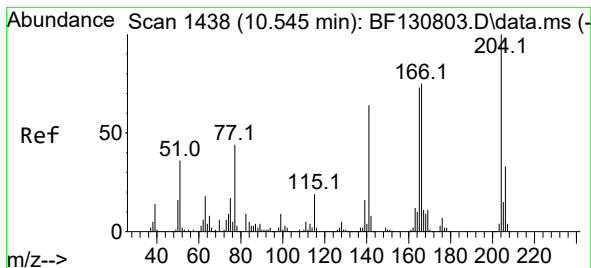


#60
Diethylphthalate
Concen: 45.987 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



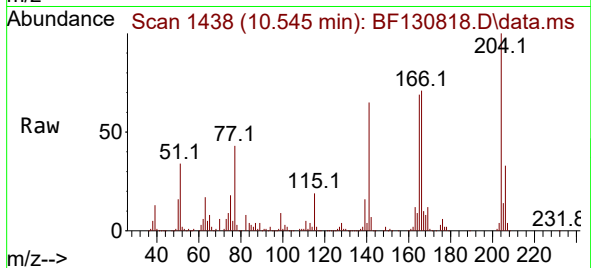
Tgt Ion:149 Resp: 655901
Ion Ratio Lower Upper
149 100
177 21.0 17.2 25.8
150 12.5 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 45.404 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

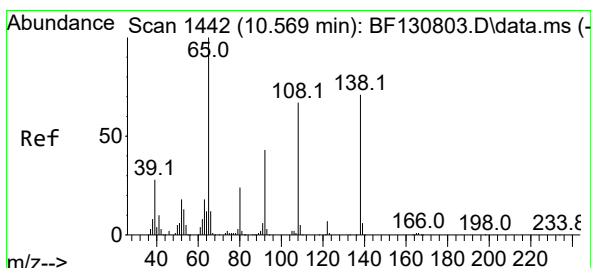
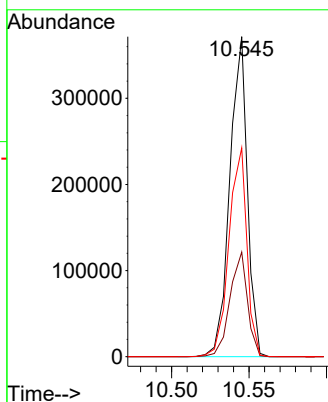
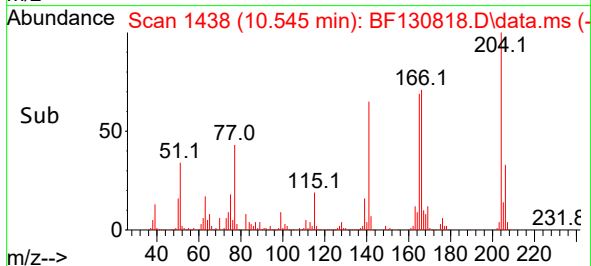
Instrument :
BNA_F
ClientSampleId :
PB148383BS



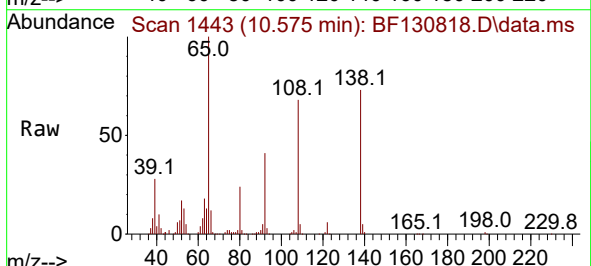
Tgt Ion:204 Resp: 292208
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 65.3 51.3 76.9

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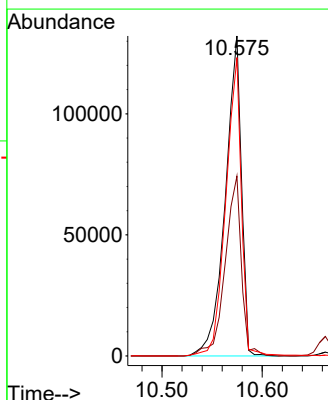
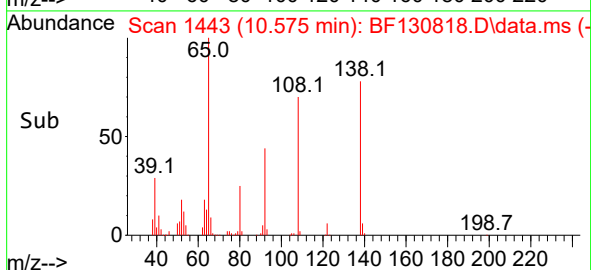
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

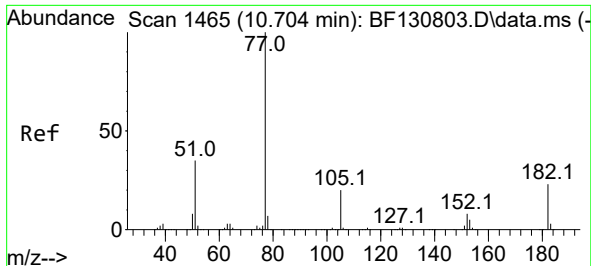


#62
4-Nitroaniline
Concen: 51.653 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



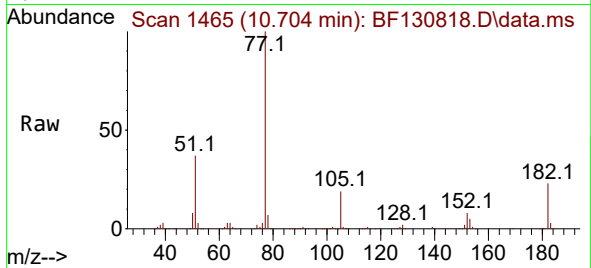
Tgt Ion:138 Resp: 147746
Ion Ratio Lower Upper
138 100
92 56.2 40.6 80.6
108 93.3 74.7 114.7





#63
Azobenzene
Concen: 45.190 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

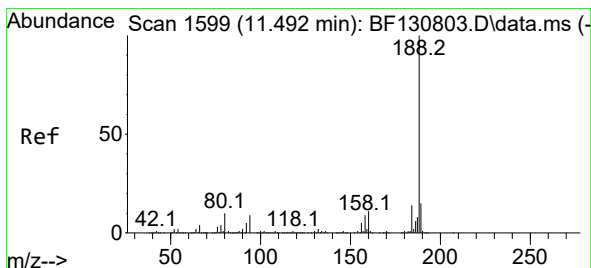
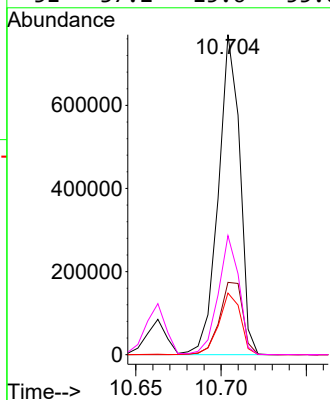
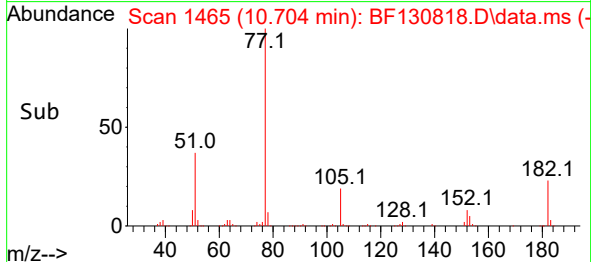
Instrument :
BNA_F
ClientSampleId :
PB148383BS



Tgt Ion: 77 Resp: 67281
Ion Ratio Lower Upper
77 100
182 22.6 2.6 42.6
105 19.3 0.0 40.0
51 37.2 15.6 55.6

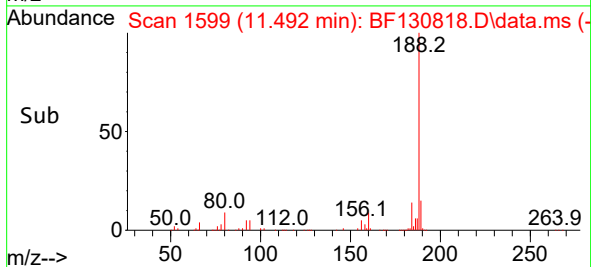
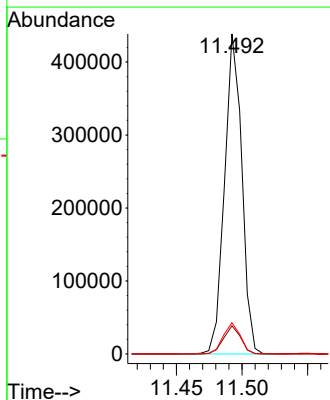
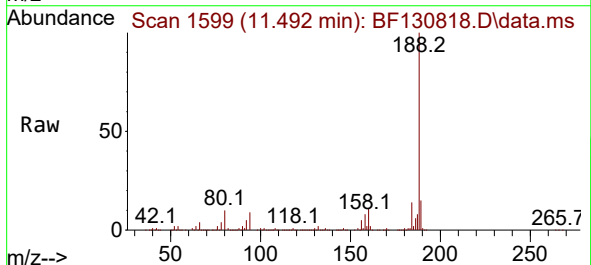
Manual Integrations
APPROVED

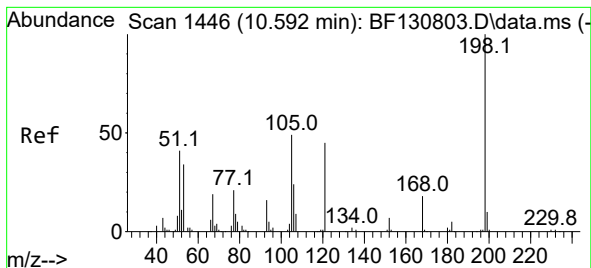
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

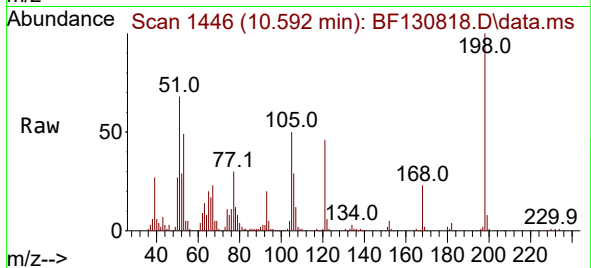
Tgt Ion:188 Resp: 401211
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.8 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 45.520 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

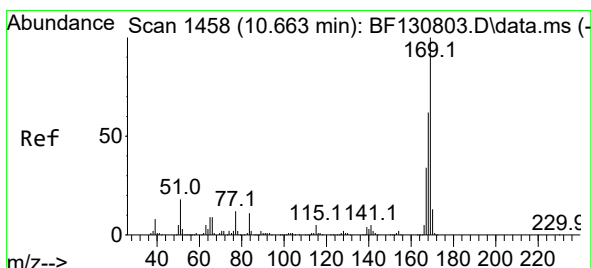
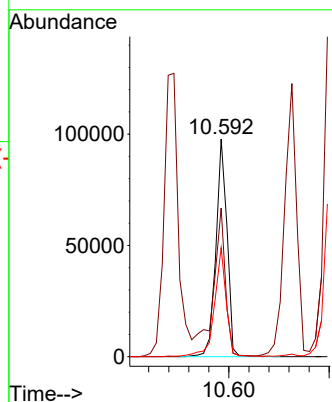
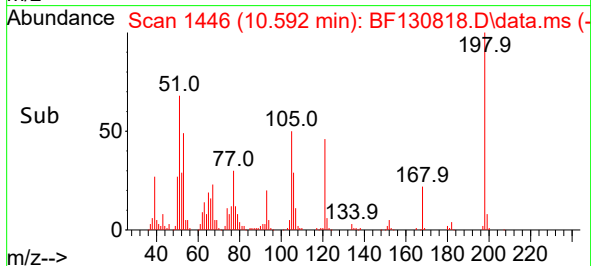
Instrument :
BNA_F
ClientSampleId :
PB148383BS



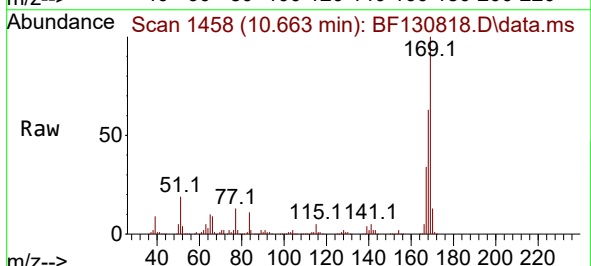
Tgt Ion:198 Resp: 75500
Ion Ratio Lower Upper
198 100
51 68.4 39.0 79.0
105 50.1 30.6 70.6

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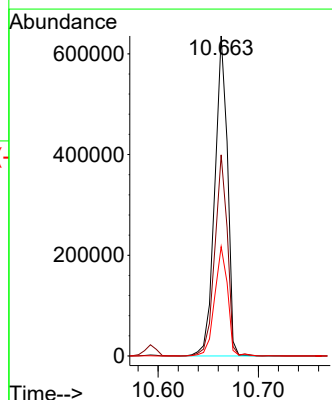
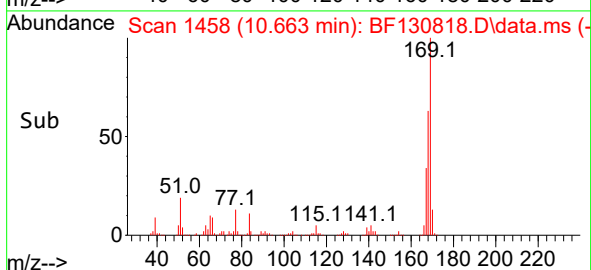
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

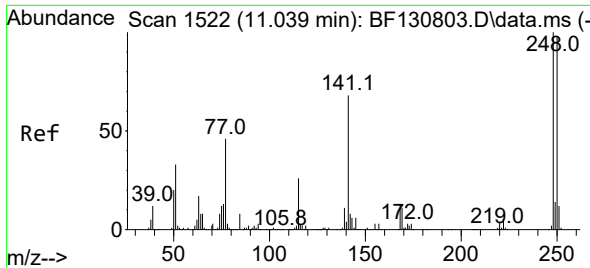


#66
n-Nitrosodiphenylamine
Concen: 44.613 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:169 Resp: 558303
Ion Ratio Lower Upper
169 100
168 62.8 49.4 74.0
167 34.1 27.4 41.2





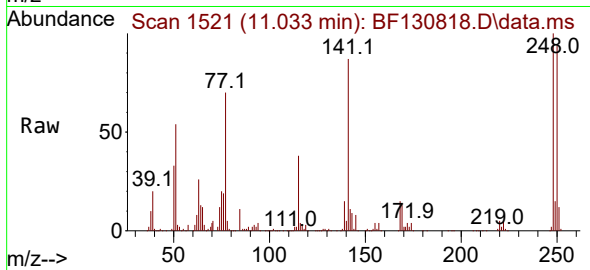
#67
4-Bromophenyl-phenylether
Concen: 46.239 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

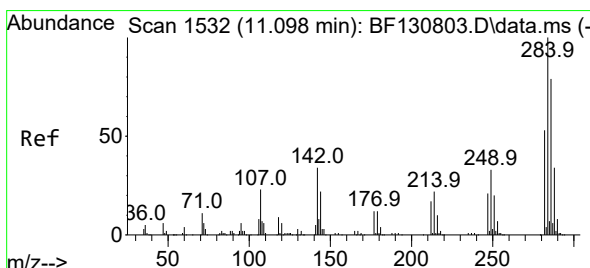
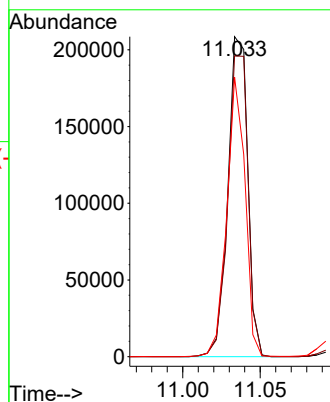
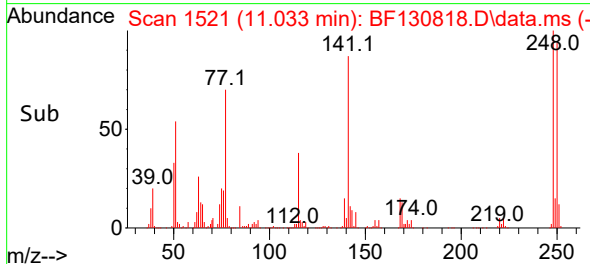


Tgt Ion:248 Resp: 18656
Ion Ratio Lower Upper
248 100
250 94.0 78.6 117.8
141 87.4 54.2 81.4

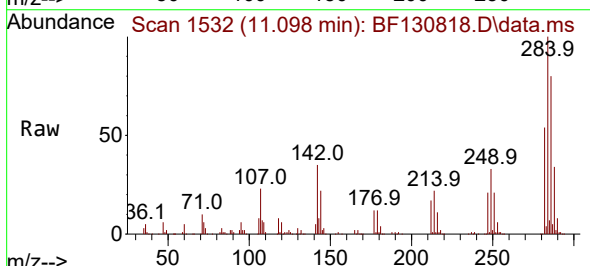
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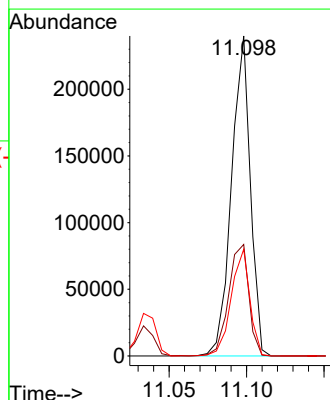
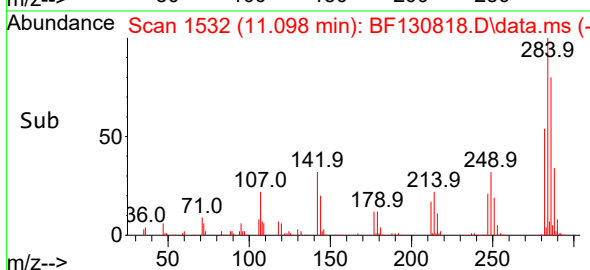
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

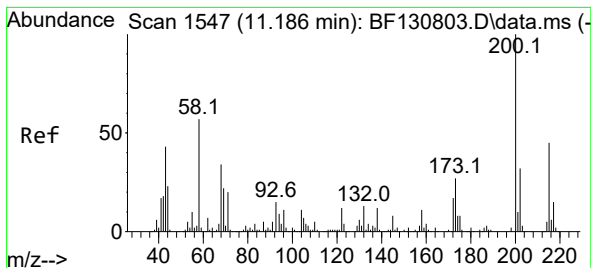


#68
Hexachlorobenzene
Concen: 45.515 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:284 Resp: 202338
Ion Ratio Lower Upper
284 100
142 34.8 27.1 40.7
249 33.4 26.6 39.8





#69

Atrazine

Concen: 54.370 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.006 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

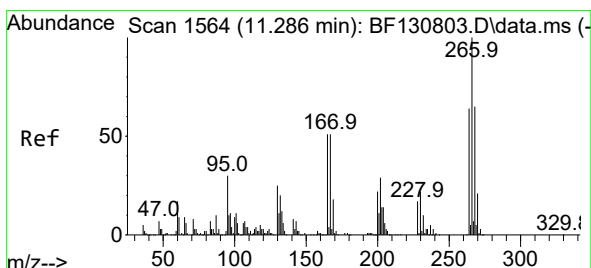
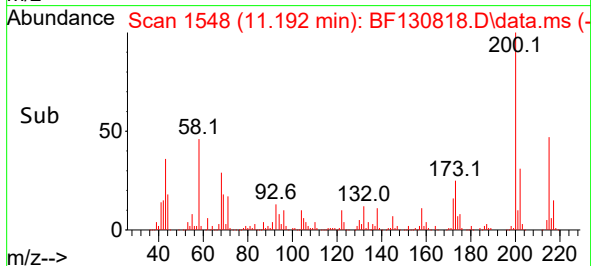
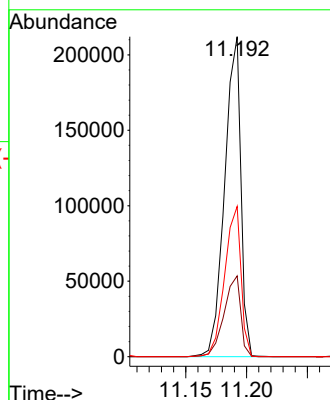
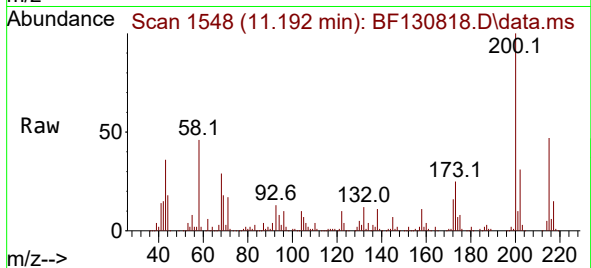
Tgt Ion:200 Resp: 19649
 Ion Ratio Lower Upper
 200 100
 173 25.3 7.1 47.1
 215 47.0 25.4 65.4

Manual Integrations

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Reviewed By :Christian Giraldo 10/31/2022

Supervised By :Jagrut Upadhyay 11/01/2022



#70

Pentachlorophenol

Concen: 93.555 ng

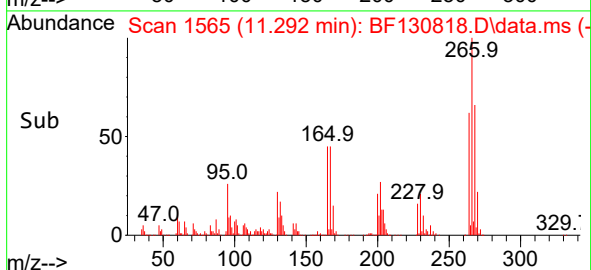
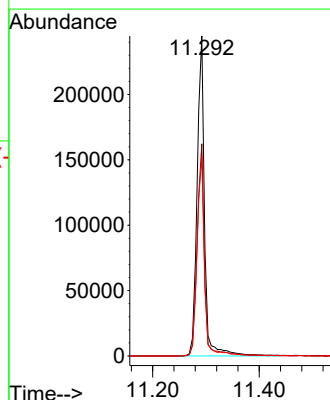
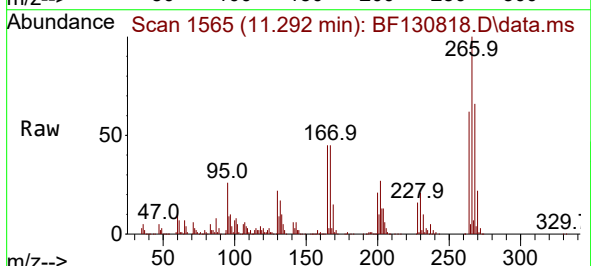
RT: 11.292 min Scan# 1565

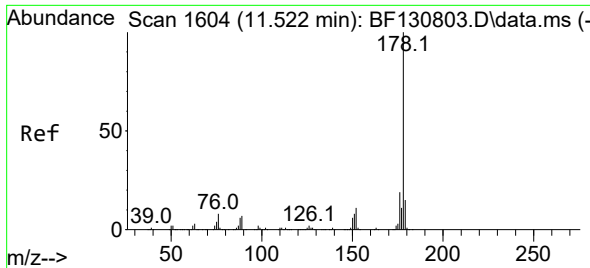
Delta R.T. 0.006 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

Tgt Ion:266 Resp: 237325
 Ion Ratio Lower Upper
 266 100
 268 66.3 51.8 77.6
 264 62.3 51.6 77.4





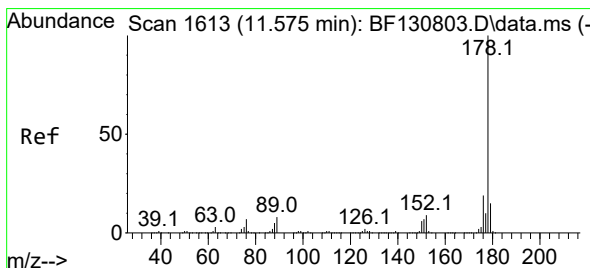
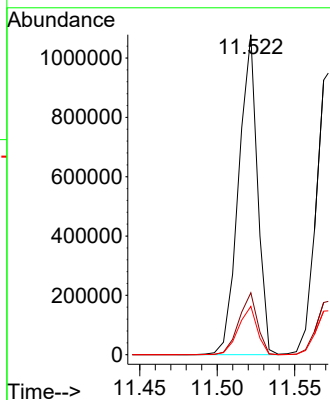
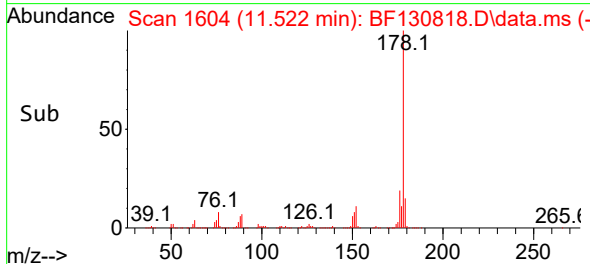
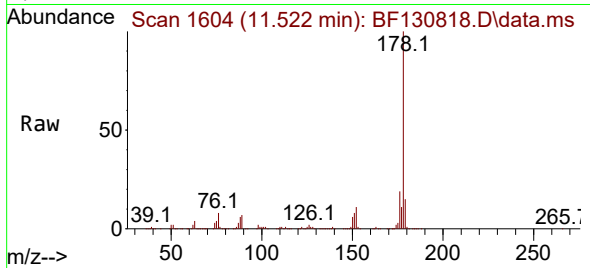
#71
Phenanthrene
Concen: 44.073 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :
BNA_F
ClientSampleId :
PB148383BS

Tgt Ion:178 Resp: 912659
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.1 12.2 18.2

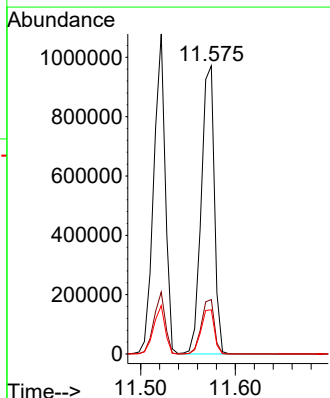
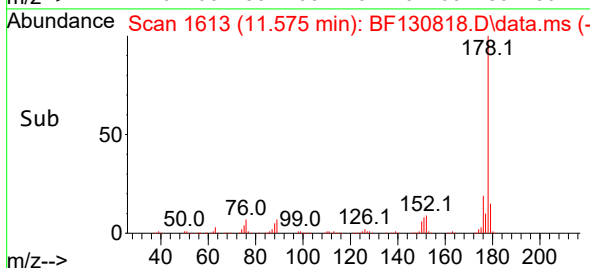
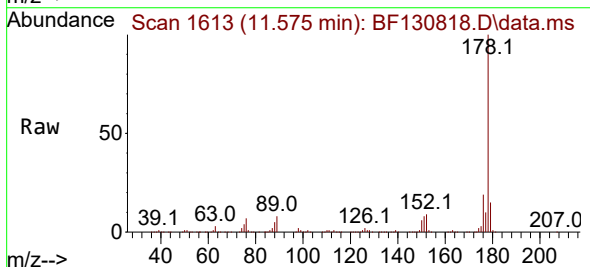
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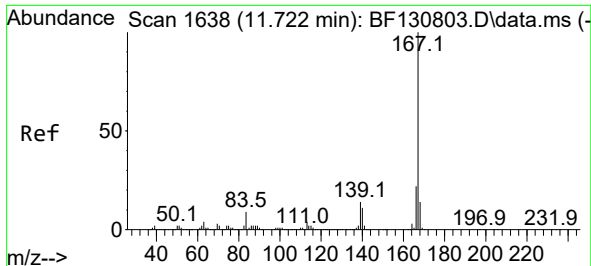
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#72
Anthracene
Concen: 45.512 ng
RT: 11.575 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

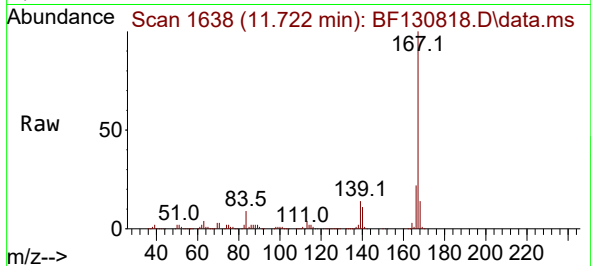
Tgt Ion:178 Resp: 929579
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 45.483 ng
 RT: 11.722 min Scan# 1638
 Delta R.T. 0.000 min
 Lab File: BF130818.D
 Acq: 28 Oct 2022 10:11

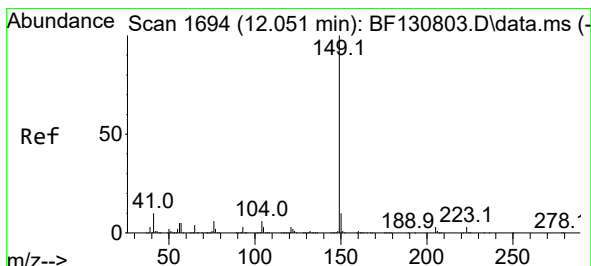
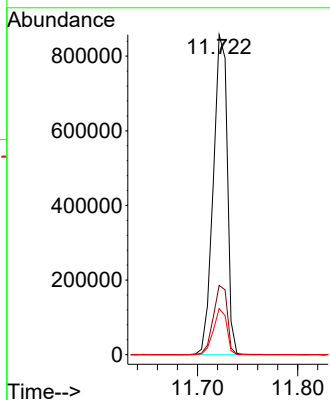
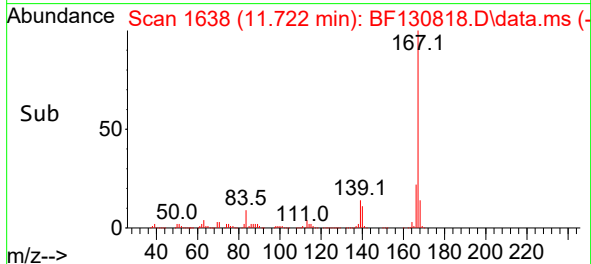
Instrument :
 BNA_F
 ClientSampleId :
 PB148383BS



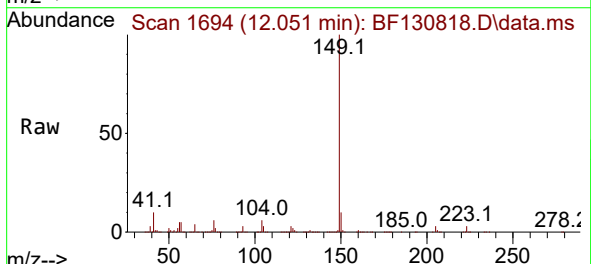
Tgt Ion:167 Resp: 831940
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.4 11.3 16.9

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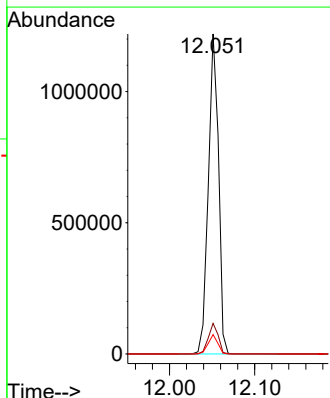
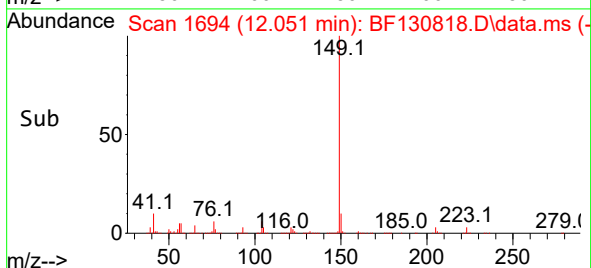
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

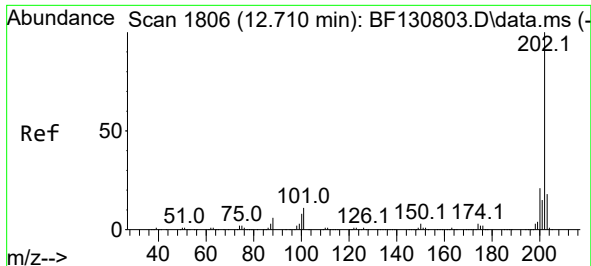


#74
 Di-n-butylphthalate
 Concen: 45.429 ng
 RT: 12.051 min Scan# 1694
 Delta R.T. 0.000 min
 Lab File: BF130818.D
 Acq: 28 Oct 2022 10:11



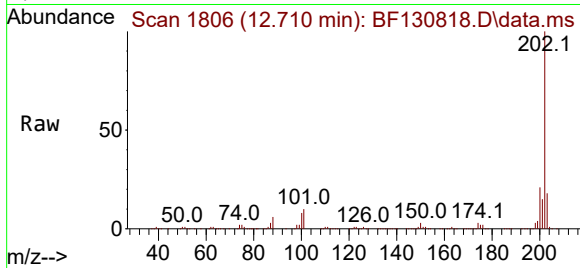
Tgt Ion:149 Resp: 1009163
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 44.772 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

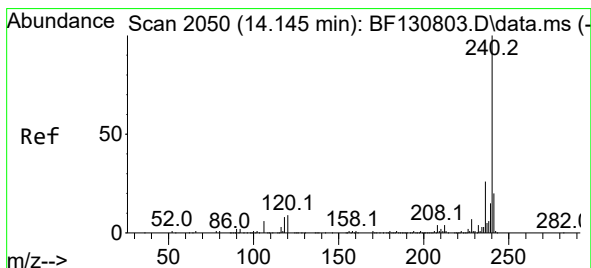
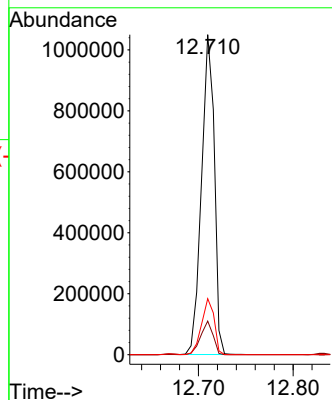
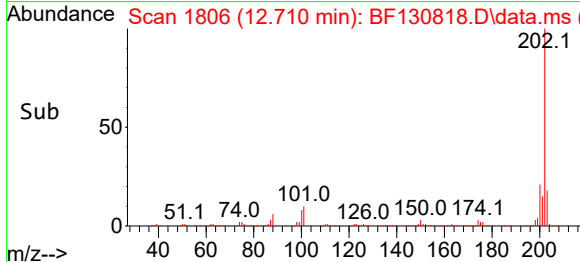
Instrument :
BNA_F
ClientSampleId :
PB148383BS



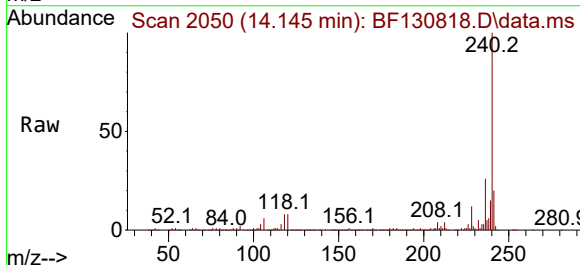
Tgt Ion:202 Resp: 98506
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.9
203 17.5 0.0 37.7

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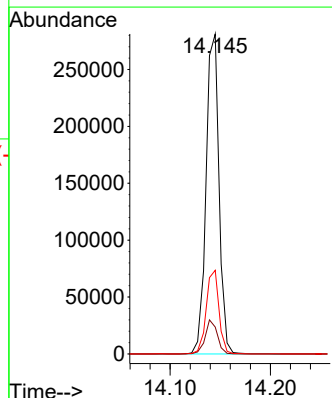
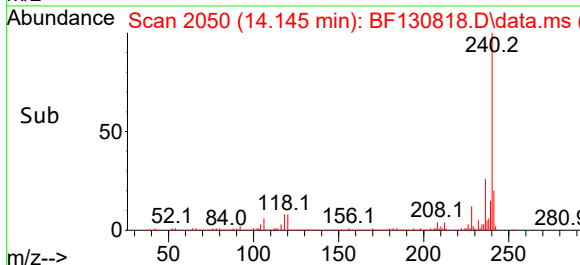
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

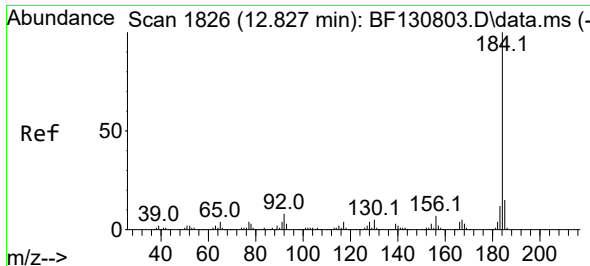


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



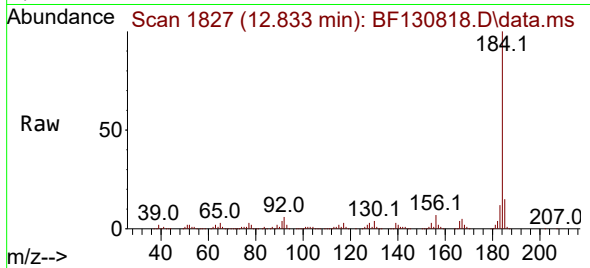
Tgt Ion:240 Resp: 254456
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 26.2 20.5 30.7





#77
Benzidine
Concen: 76.950 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

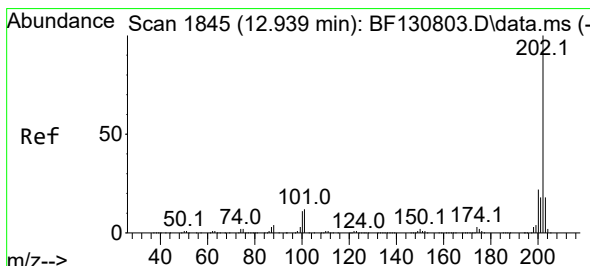
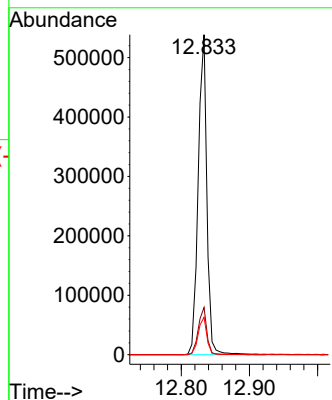
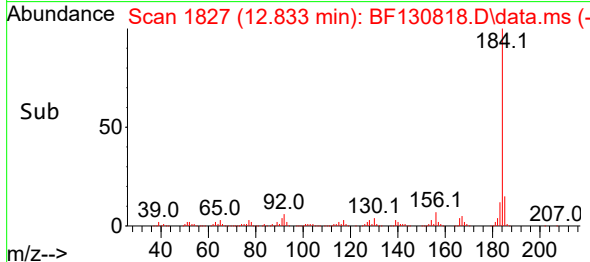
Instrument :
BNA_F
ClientSampleId :
PB148383BS



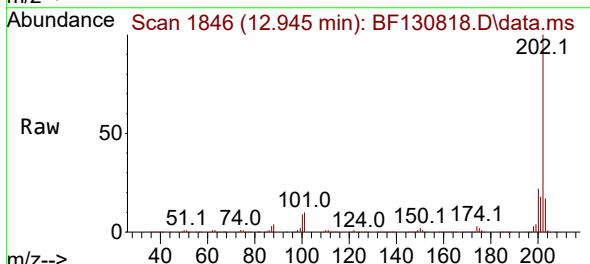
Tgt Ion:184 Resp: 47531
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 11.7 9.7 14.5

Manual Integrations
APPROVED

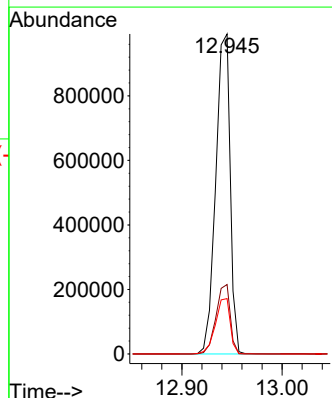
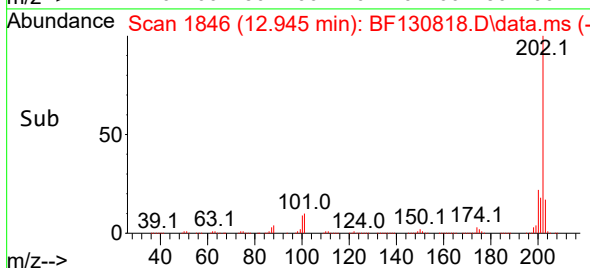
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

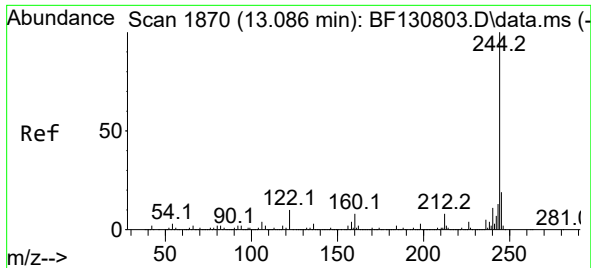


#78
Pyrene
Concen: 46.254 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:202 Resp: 992984
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.3 14.5 21.7





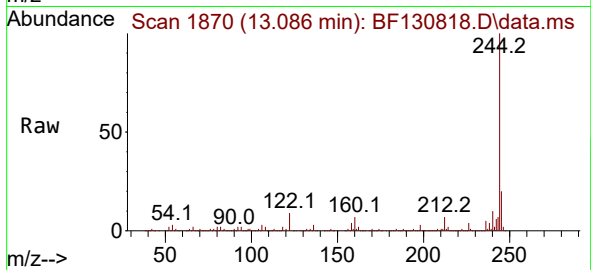
#79
 Terphenyl-d14
 Concen: 96.638 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130818.D
 Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

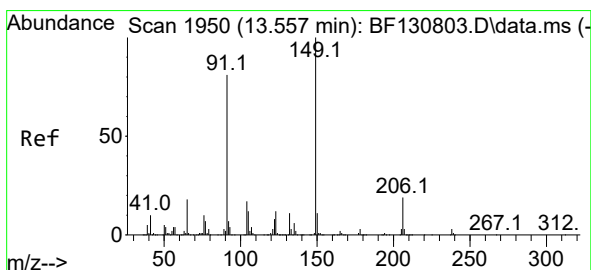
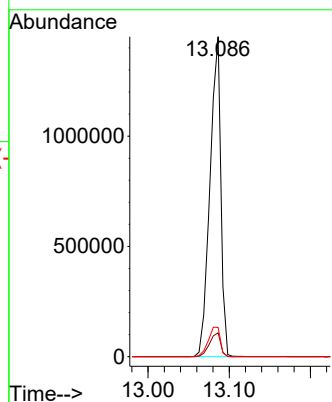
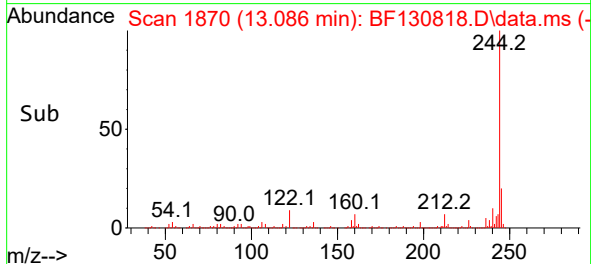


Tgt Ion:244 Resp: 134192
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.1 7.9 11.9

Manual Integrations

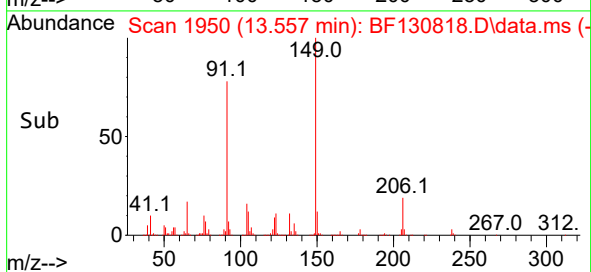
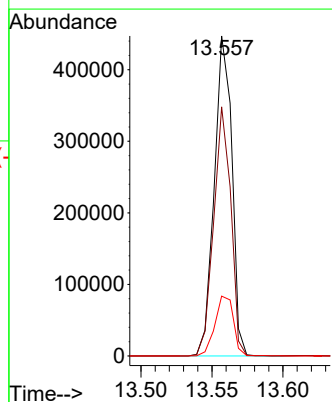
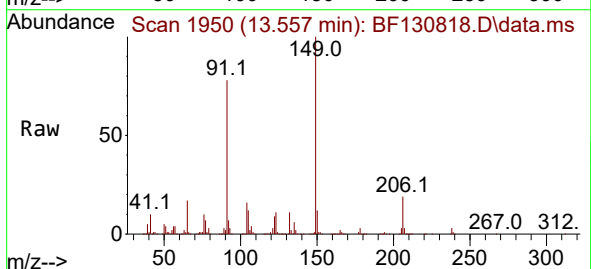
APPROVED

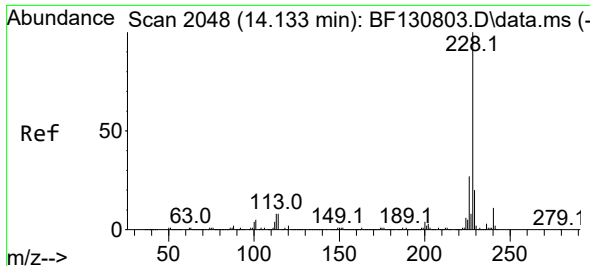
Reviewed By :Christian Giraldo 10/31/2022
 Supervised By :Jagrut Upadhyay 11/01/2022



#80
 Butylbenzylphthalate
 Concen: 49.816 ng
 RT: 13.557 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BF130818.D
 Acq: 28 Oct 2022 10:11

Tgt Ion:149 Resp: 384757
 Ion Ratio Lower Upper
 149 100
 91 77.9 64.5 96.7
 206 18.7 15.3 22.9





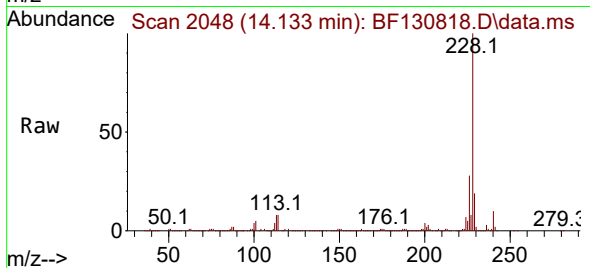
#81
Benzo(a)anthracene
Concen: 45.343 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

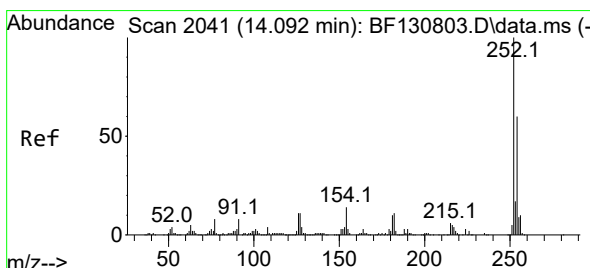
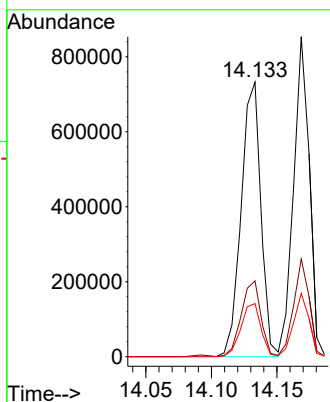
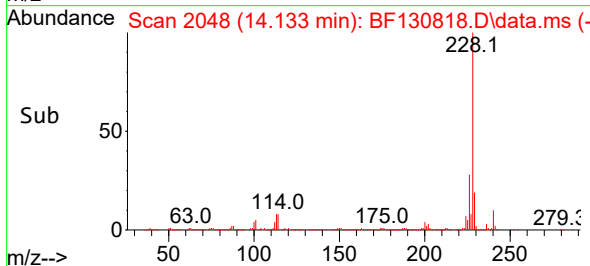


Tgt Ion:228 Resp: 76495
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 19.4 15.8 23.6

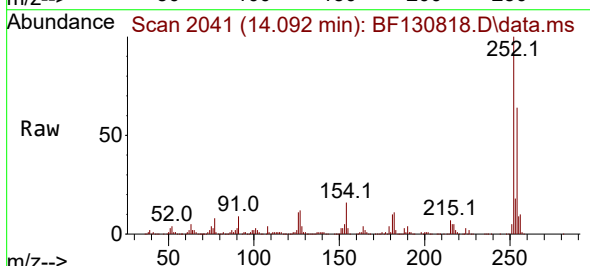
Manual Integrations

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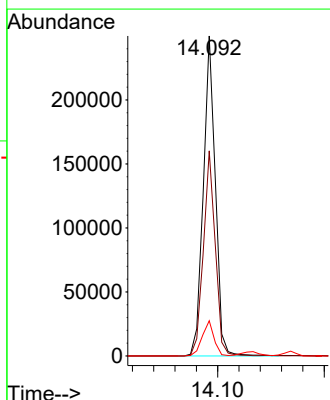
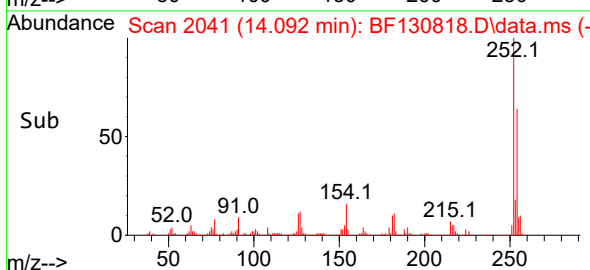
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

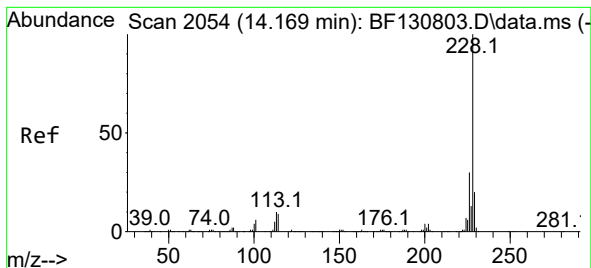


#82
3,3'-Dichlorobenzidine
Concen: 43.245 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:252 Resp: 196908
Ion Ratio Lower Upper
252 100
254 64.1 47.8 71.6
126 11.0 9.0 13.6





#83

Chrysene

Concen: 43.935 ng

RT: 14.169 min Scan# 2054

Delta R.T. 0.000 min

Lab File: BF130818.D

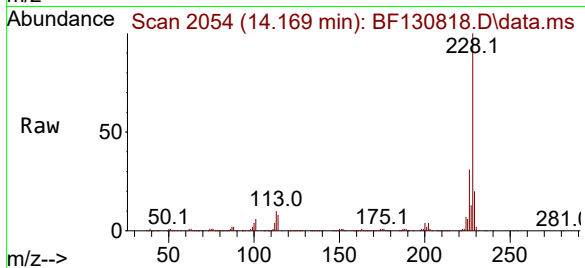
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

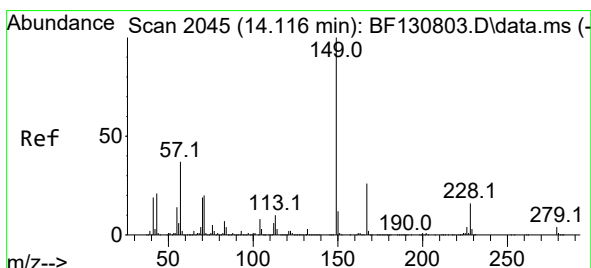
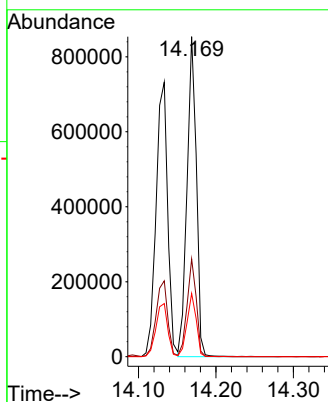
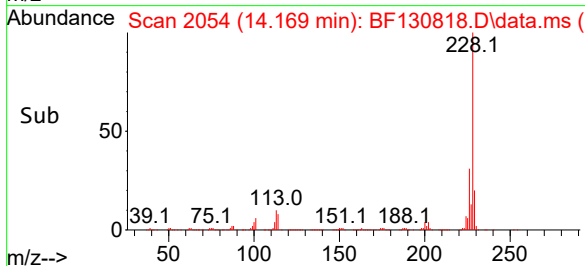


Tgt Ion:	228	Resp:	71494
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.9	35.9
229	19.7	15.8	23.6

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.933 ng

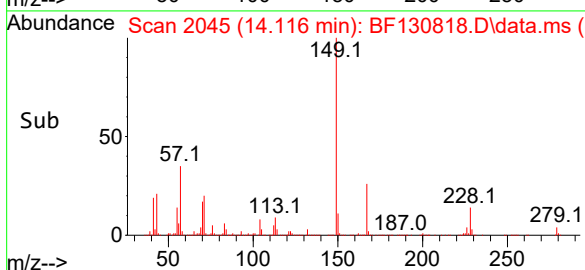
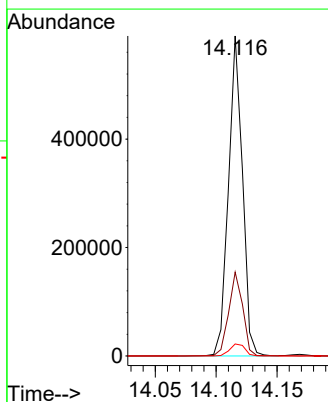
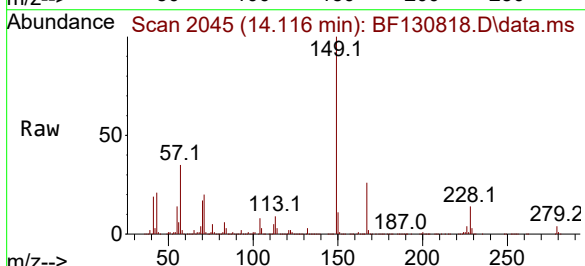
RT: 14.116 min Scan# 2045

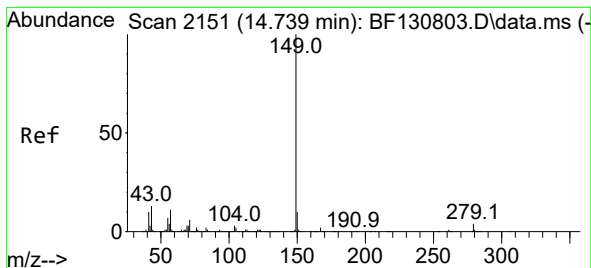
Delta R.T. 0.000 min

Lab File: BF130818.D

Acq: 28 Oct 2022 10:11

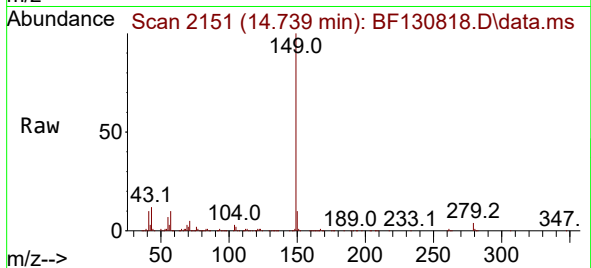
Tgt Ion:	149	Resp:	472996
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.0	31.4
279	3.8	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 50.790 ng
RT: 14.739 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

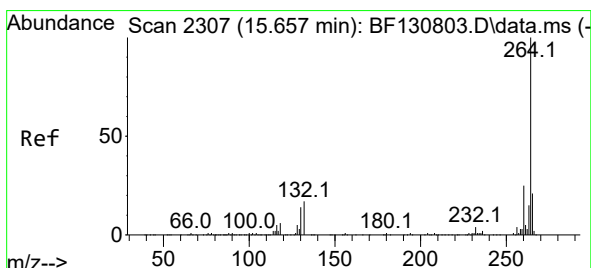
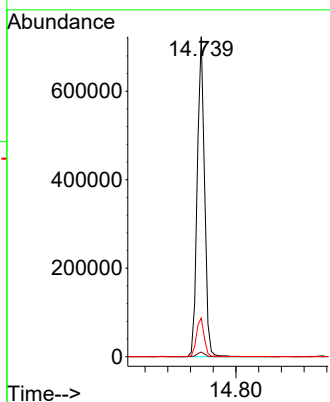
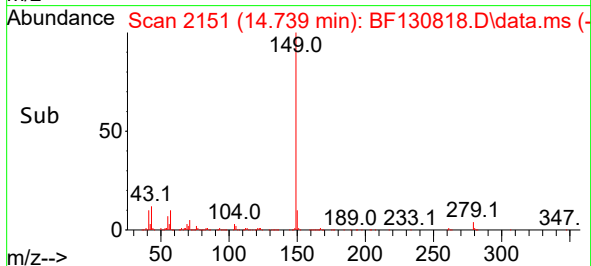
Instrument :
BNA_F
ClientSampleId :
PB148383BS



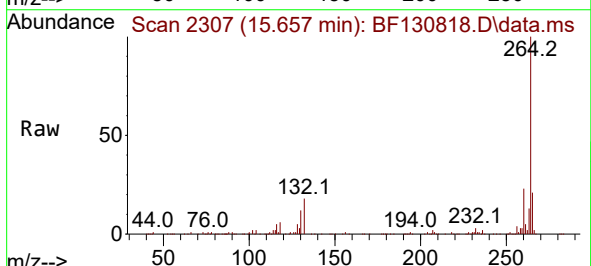
Tgt Ion:149 Resp: 65096
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.9 10.2 15.2

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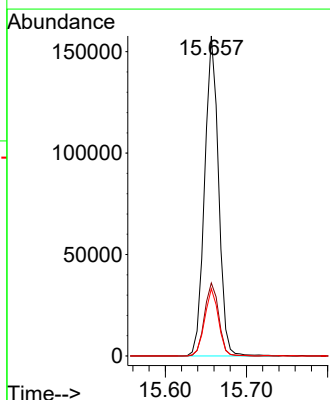
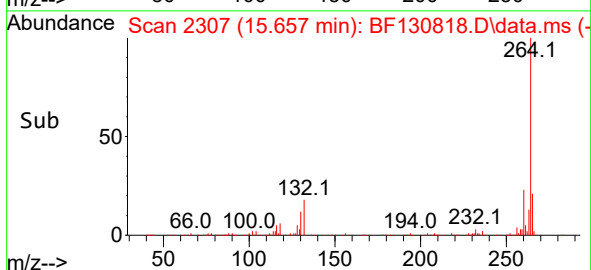
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

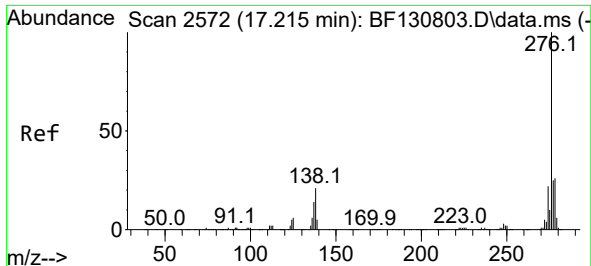


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:264 Resp: 187186
Ion Ratio Lower Upper
264 100
260 22.8 19.9 29.9
265 21.0 17.0 25.6





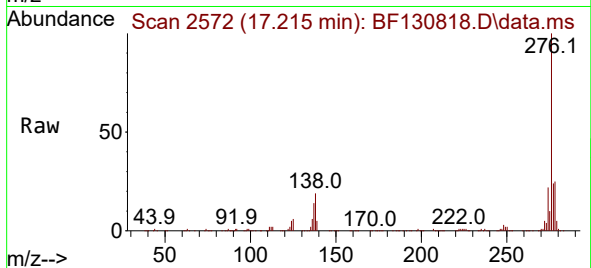
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.355 ng
RT: 17.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

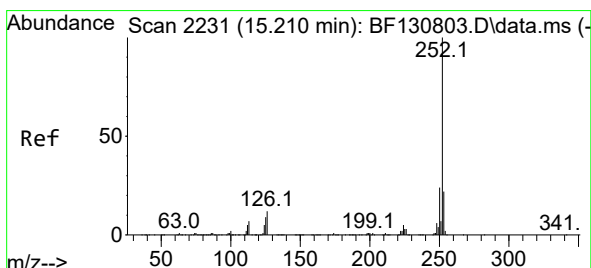
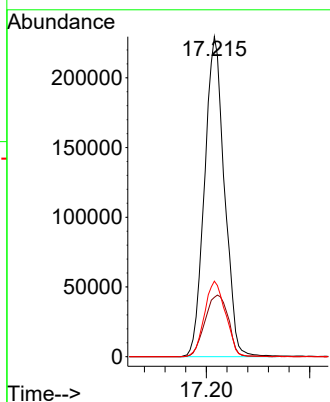
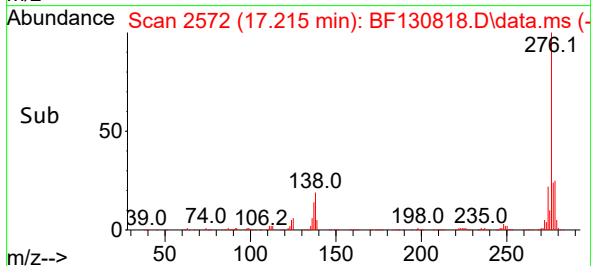


Tgt Ion:276 Resp: 61351
Ion Ratio Lower Upper
276 100
138 22.7 19.1 28.7
277 25.1 20.1 30.1

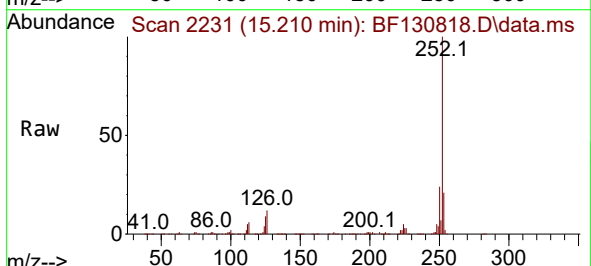
Manual Integrations

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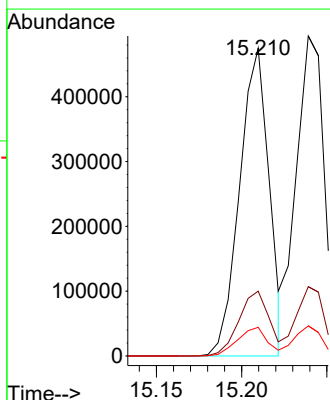
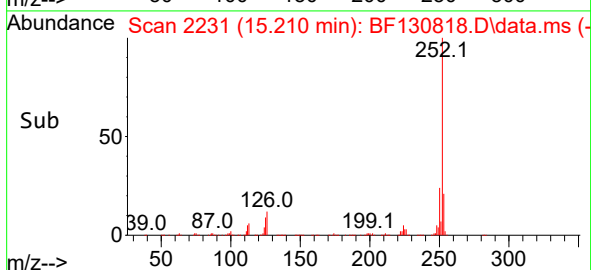
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

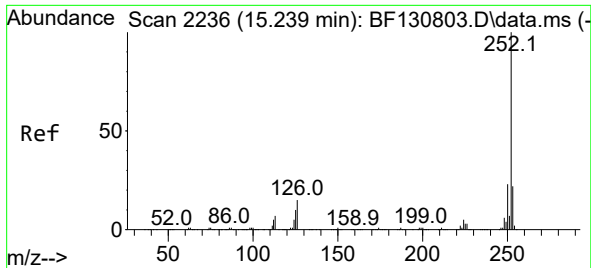


#88
Benzo(b)fluoranthene
Concen: 47.241 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:252 Resp: 571625
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 9.3 7.0 10.4





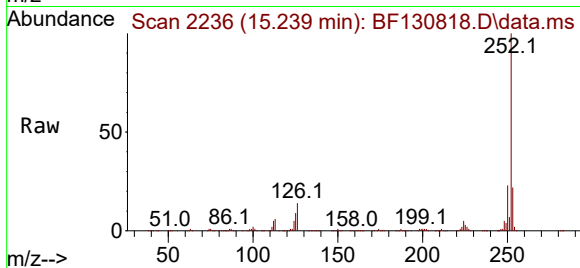
#89
Benzo(k)fluoranthene
Concen: 48.343 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB148383BS

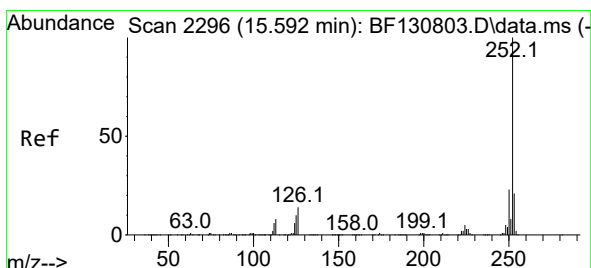
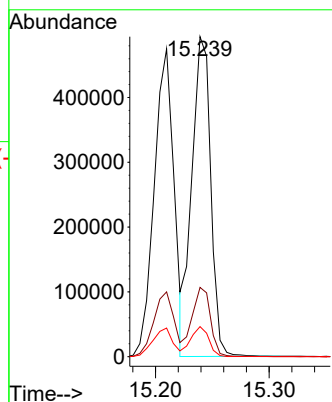
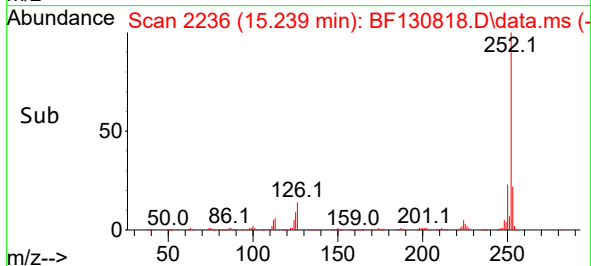


Tgt Ion:252 Resp: 570000
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.4 8.0 12.0

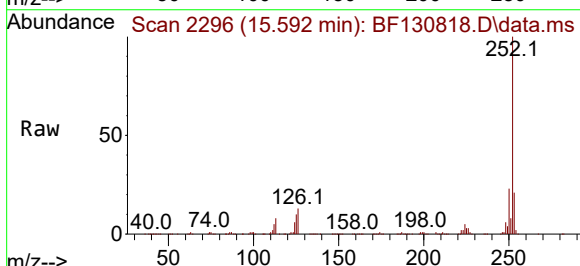
Manual Integrations

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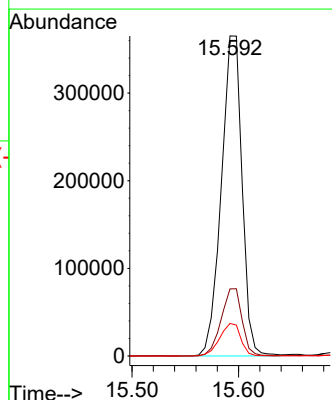
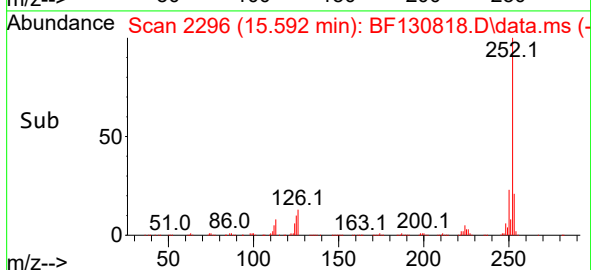
Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

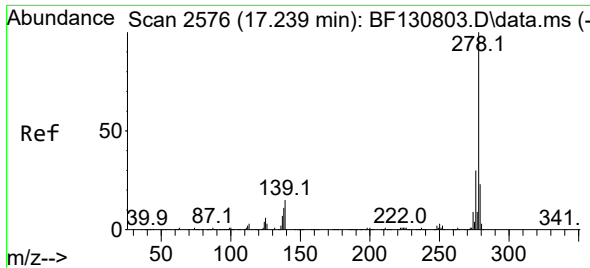


#90
Benzo(a)pyrene
Concen: 50.658 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



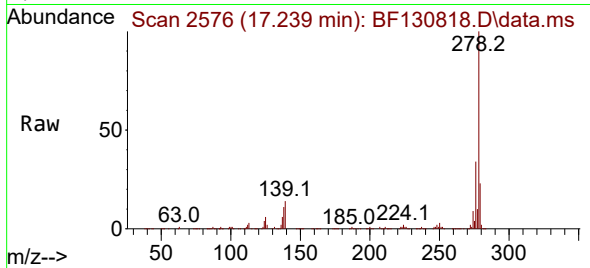
Tgt Ion:252 Resp: 492758
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 52.579 ng
RT: 17.239 min Scan# 2576
Delta R.T. 0.000 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11

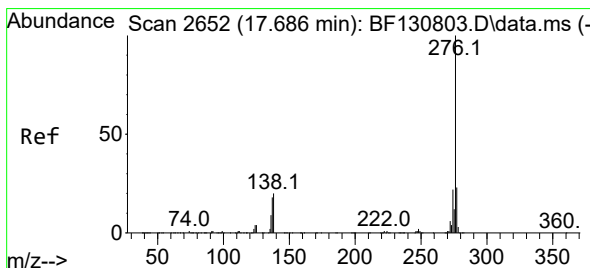
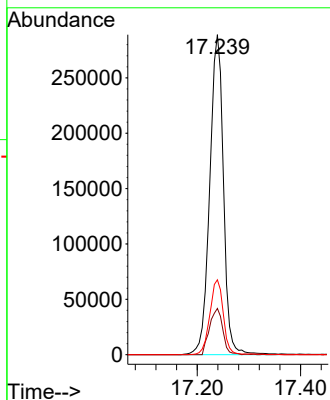
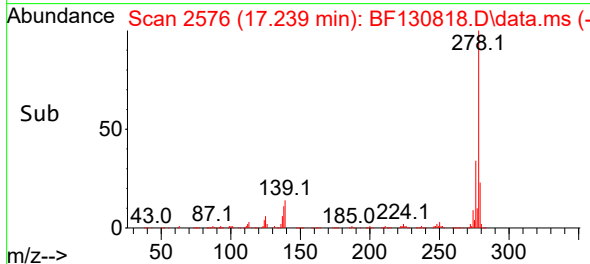
Instrument :
BNA_F
ClientSampleId :
PB148383BS



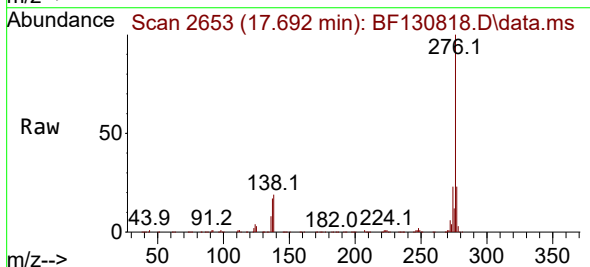
Tgt Ion:278 Resp: 53280
Ion Ratio Lower Upper
278 100
139 14.4 11.9 17.9
279 23.4 18.6 28.0

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



#92
Benzo(g,h,i)perylene
Concen: 52.888 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BF130818.D
Acq: 28 Oct 2022 10:11



Tgt Ion:276 Resp: 546769
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 19.3 16.3 24.5

