

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130696.D
 Acq On : 18 Oct 2022 13:37
 Operator : CG\JU
 Sample : PB148409BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148409BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : Jagrut Upadhyay 10/19/2022

Quant Time: Oct 18 14:01:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	110322	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	443496	20.000	ng	0.00
39) Acenaphthene-d10	9.610	164	236679	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	409253	20.000	ng	0.00
76) Chrysene-d12	13.721	240	274338	20.000	ng	0.00
86) Perylene-d12	15.098	264	207614	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	855028	139.703	ng	0.02
7) Phenol-d6	6.240	99	1016778	132.135	ng	0.01
23) Nitrobenzene-d5	7.151	82	653005	80.379	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	329414	142.241	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	1259584	80.613	ng	0.00
79) Terphenyl-d14	12.674	244	1400006	84.700	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.205	88	104484	28.218	ng	99
3) Pyridine	2.869	79	241277	36.428	ng	98
4) n-Nitrosodimethylamine	2.828	42	142862	45.779	ng	99
6) Aniline	6.240	93	365996	39.728	ng	94
8) 2-Chlorophenol	6.363	128	335714	46.643	ng	99
9) Benzaldehyde	6.128	77	102343	21.169	ng	99
10) Phenol	6.251	94	400521	44.984	ng	79
11) bis(2-Chloroethyl)ether	6.322	93	300694	46.493	ng	99
12) 1,3-Dichlorobenzene	6.510	146	350242	44.443	ng	98
13) 1,4-Dichlorobenzene	6.593	146	359043	44.909	ng	98
14) 1,2-Dichlorobenzene	6.740	146	337125	45.277	ng	99
15) Benzyl Alcohol	6.740	79	250985	45.430	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.863	45	362735	43.595	ng	66
17) 2-Methylphenol	6.857	107	269006	46.985	ng	93
18) Hexachloroethane	7.081	117	133778	44.231	ng	99
19) n-Nitroso-di-n-propyla...	7.004	70	219901	44.293	ng	98
20) 3+4-Methylphenols	7.010	107	335348	43.711	ng	# 85
22) Acetophenone	6.998	105	463278	43.546	ng	94
24) Nitrobenzene	7.169	77	341659	41.819	ng	100
25) Isophorone	7.410	82	601315	44.472	ng	100
26) 2-Nitrophenol	7.487	139	177501	44.303	ng	98
27) 2,4-Dimethylphenol	7.534	122	282013	50.502	ng	99
28) bis(2-Chloroethoxy)met...	7.622	93	366166	46.770	ng	99
29) 2,4-Dichlorophenol	7.734	162	272745	43.655	ng	97
30) 1,2,4-Trichlorobenzene	7.804	180	279671	41.522	ng	99
31) Naphthalene	7.881	128	947529	41.273	ng	99
32) Benzoic acid	7.704	122	140876	39.877	ng	98
33) 4-Chloroaniline	7.939	127	353180	39.714	ng	100
34) Hexachlorobutadiene	7.992	225	174700	41.789	ng	98
35) Caprolactam	8.328	113	88823m	47.252	ng	
36) 4-Chloro-3-methylphenol	8.439	107	295729	43.637	ng	94
37) 2-Methylnaphthalene	8.569	142	621527	43.021	ng	99
38) 1-Methylnaphthalene	8.669	142	593269	42.301	ng	100
40) 1,2,4,5-Tetrachloroben...	8.739	216	281349	43.814	ng	98
41) Hexachlorocyclopentadiene	8.722	237	170025	70.612	ng	100
43) 2,4,6-Trichlorophenol	8.863	196	177609	41.193	ng	99

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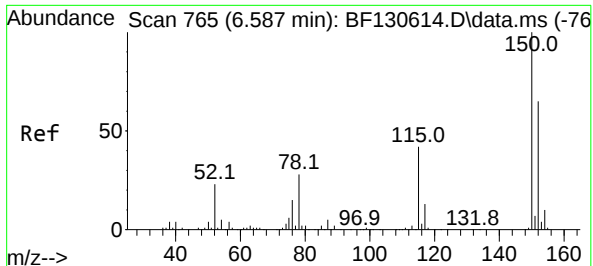
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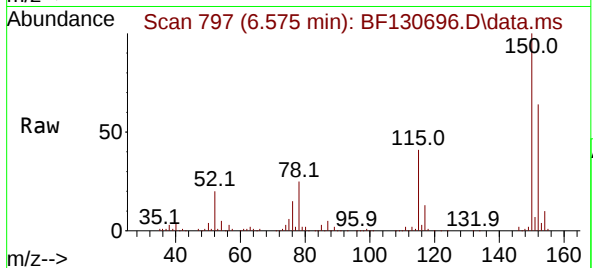
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	190597	40.197	ng	98
46) 1,1'-Biphenyl	9.039	154	756803	44.122	ng	99
47) 2-Chloronaphthalene	9.057	162	590991	42.158	ng	96
48) 2-Nitroaniline	9.169	65	185424	43.939	ng	93
49) Acenaphthylene	9.475	152	883766	42.075	ng	99
50) Dimethylphthalate	9.351	163	692895	42.292	ng	99
51) 2,6-Dinitrotoluene	9.416	165	157530	43.833	ng	91
52) Acenaphthene	9.645	154	537405	42.229	ng	99
53) 3-Nitroaniline	9.586	138	145848	37.022	ng	98
54) 2,4-Dinitrophenol	9.704	184	140037	76.687	ng	98
55) Dibenzofuran	9.816	168	813719	41.973	ng	100
56) 4-Nitrophenol	9.775	139	148562	68.395	ng	98
57) 2,4-Dinitrotoluene	9.822	165	207706	44.969	ng	# 79
58) Fluorene	10.157	166	654615	41.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	154954	40.992	ng	96
60) Diethylphthalate	10.045	149	670700	41.030	ng	98
61) 4-Chlorophenyl-phenyle...	10.151	204	299955	41.627	ng	99
62) 4-Nitroaniline	10.204	138	160207	42.594	ng	98
63) Azobenzene	10.310	77	625780	40.645	ng	99
65) 4,6-Dinitro-2-methylph...	10.228	198	107548	42.052	ng	86
66) n-Nitrosodiphenylamine	10.275	169	572165	42.030	ng	99
67) 4-Bromophenyl-phenylether	10.639	248	201515	43.518	ng	96
68) Hexachlorobenzene	10.698	284	232003	44.321	ng	99
69) Atrazine	10.810	200	178704	48.207	ng	98
70) Pentachlorophenol	10.910	266	148352	72.818	ng	96
71) Phenanthrene	11.116	178	956131	42.168	ng	99
72) Anthracene	11.169	178	955714	43.158	ng	100
73) Carbazole	11.327	167	887086	44.893	ng	99
74) Di-n-butylphthalate	11.657	149	1027885	42.944	ng	100
75) Fluoranthene	12.298	202	981553	45.042	ng	97
77) Benzidine	12.433	184	391305	56.431	ng	98
78) Pyrene	12.527	202	983204	41.543	ng	99
80) Butylbenzylphthalate	13.151	149	402406	44.217	ng	96
81) Benzo(a)anthracene	13.710	228	774288	41.887	ng	100
82) 3,3'-Dichlorobenzidine	13.680	252	254788	47.698	ng	98
83) Chrysene	13.751	228	714243	40.752	ng	99
84) Bis(2-ethylhexyl)phtha...	13.710	149	489450	44.362	ng	100
85) Di-n-octyl phthalate	14.321	149	691759	40.939	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	654148	42.097	ng	99
88) Benzo(b)fluoranthene	14.721	252	648560	49.333	ng	100
89) Benzo(k)fluoranthene	14.745	252	600648	44.871	ng	98
90) Benzo(a)pyrene	15.045	252	527870	48.244	ng	99
91) Dibenzo(a,h)anthracene	16.404	278	565040	44.361	ng	98
92) Benzo(g,h,i)perylene	16.780	276	568239	47.899	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

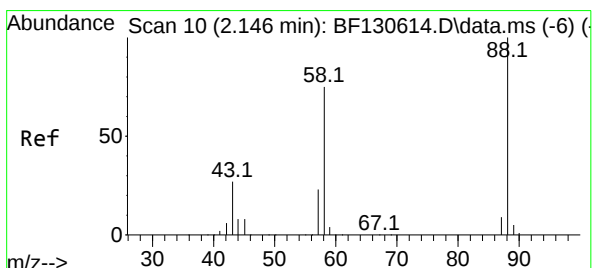
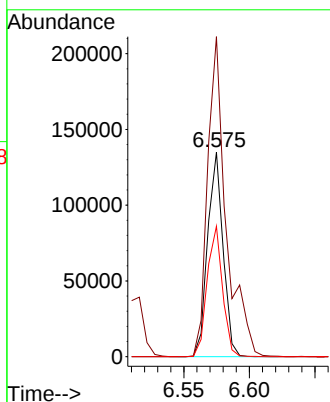
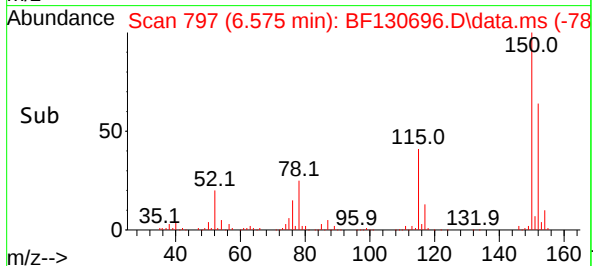
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion:152 Resp: 11032
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 63.8 52.2 78.4

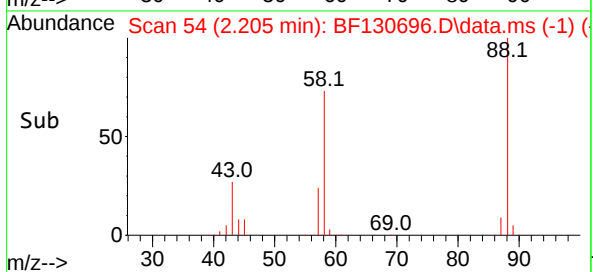
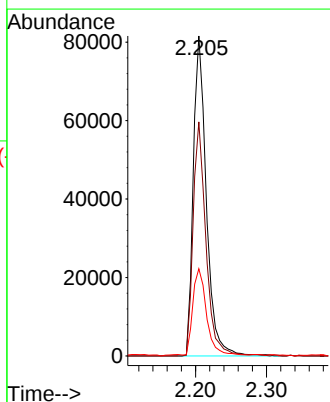
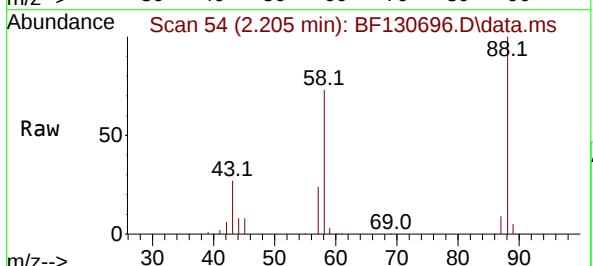
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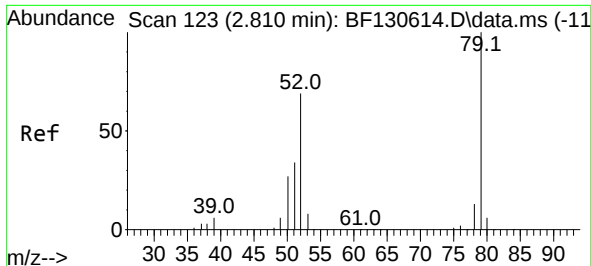
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#2
1,4-Dioxane
Concen: 28.218 ng
RT: 2.205 min Scan# 54
Delta R.T. 0.071 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

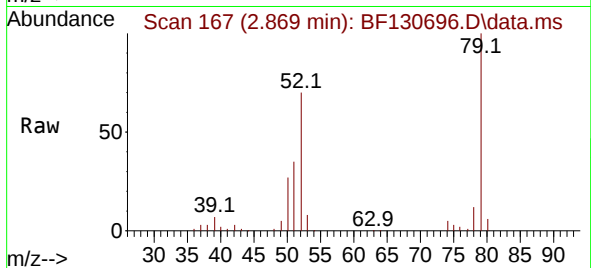
Tgt Ion: 88 Resp: 104484
Ion Ratio Lower Upper
88 100
58 72.1 58.8 88.2
43 28.2 22.2 33.4





#3
Pyridine
Concen: 36.428 ng
RT: 2.869 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

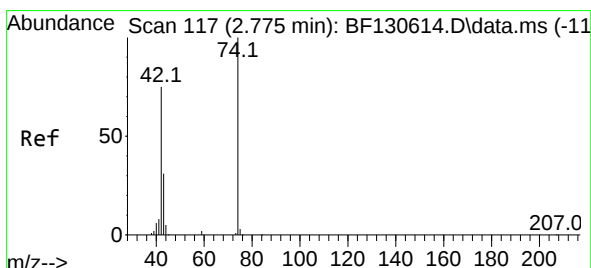
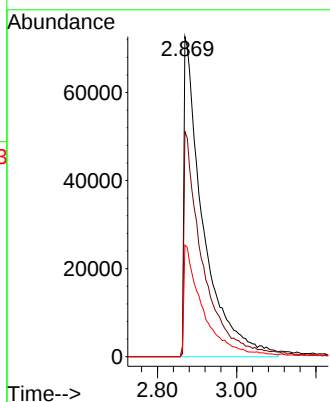
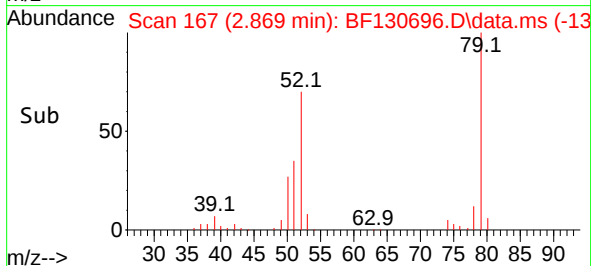
Instrument :
BNA_F
ClientSampleId :
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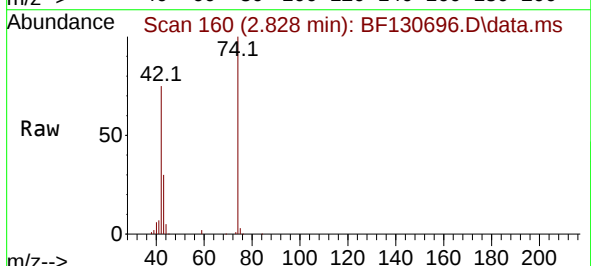
Tgt Ion: 79 Resp: 24127
Ion Ratio Lower Upper
79 100
52 70.3 54.8 82.2
51 34.8 27.4 41.2

Manual Integrations
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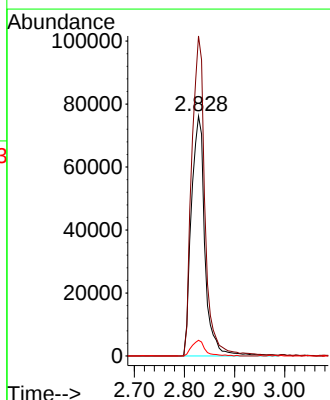
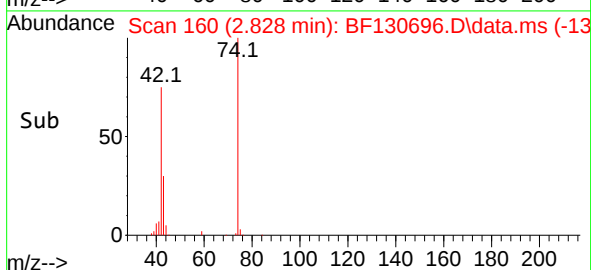
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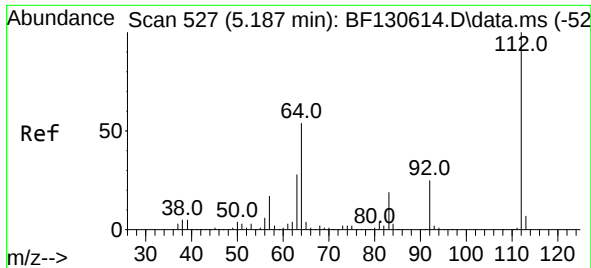


#4
n-Nitrosodimethylamine
Concen: 45.779 ng
RT: 2.828 min Scan# 160
Delta R.T. 0.071 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion: 42 Resp: 142862
Ion Ratio Lower Upper
42 100
74 133.5 106.2 159.2
44 6.6 5.0 7.4





#5
2-Fluorophenol
Concen: 139.703 ng
RT: 5.187 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

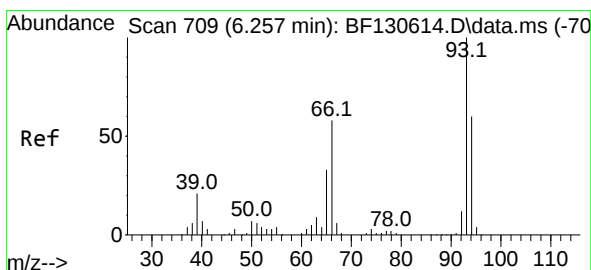
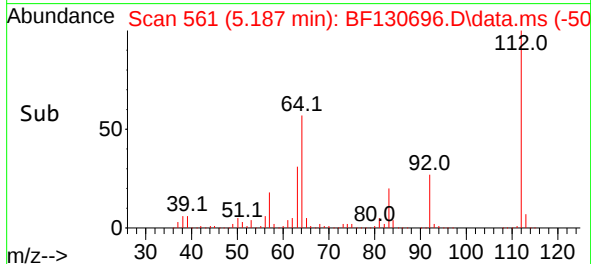
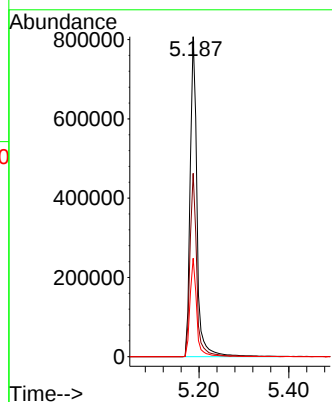
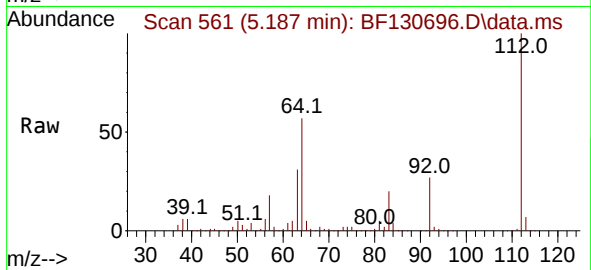
PB148409BS

Tgt Ion:112 Resp: 855028
Ion Ratio Lower Upper
112 100
64 57.3 43.5 65.3
63 30.8 22.6 34.0

Manual Integrations

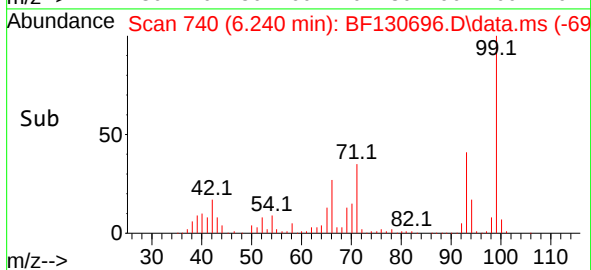
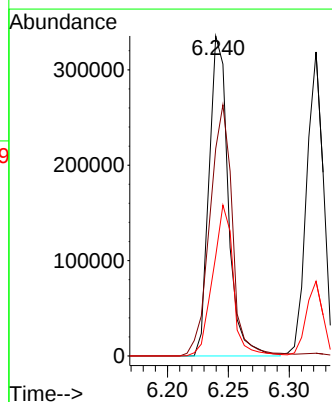
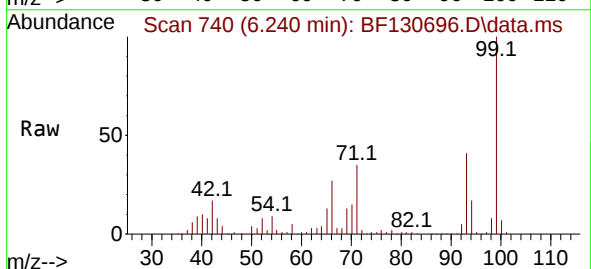
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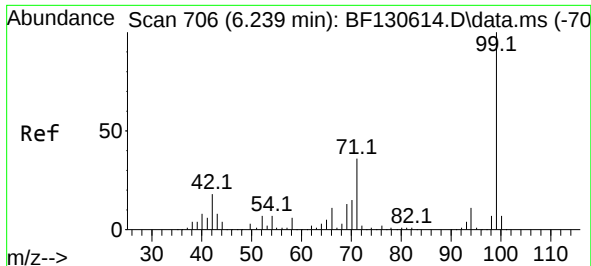
Reviewed By :Christian Giraldo 10/19/2022
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#6
Aniline
Concen: 39.728 ng
RT: 6.240 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

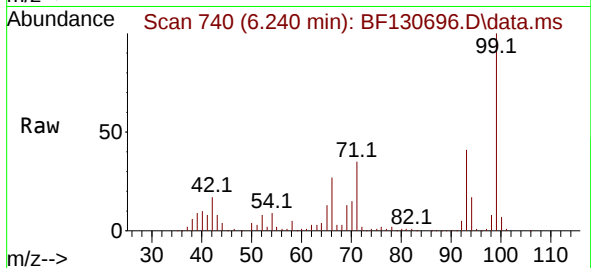
Tgt Ion: 93 Resp: 365996
Ion Ratio Lower Upper
93 100
66 64.8 47.4 71.0
65 31.3 26.6 40.0





#7
Phenol-d6
Concen: 132.135 ng
RT: 6.240 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

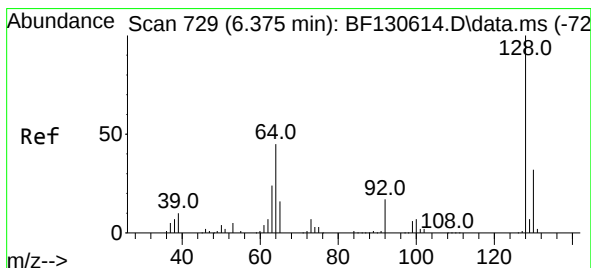
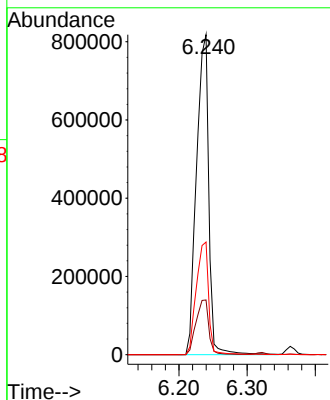
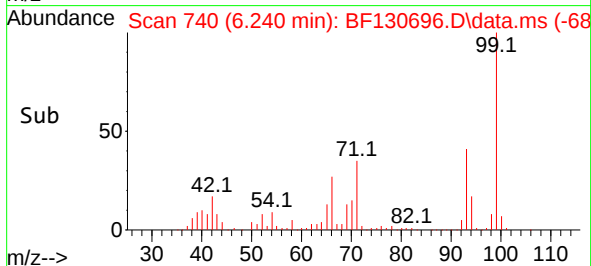
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1016778
Ion Ratio Lower Upper
99 100
42 17.1 14.0 21.0
71 35.2 28.8 43.2

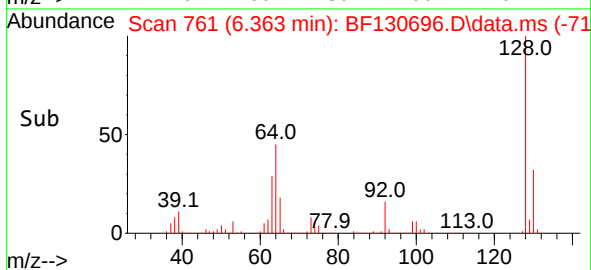
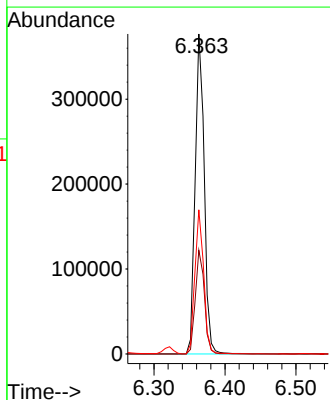
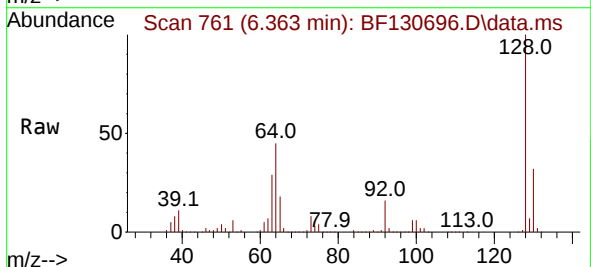
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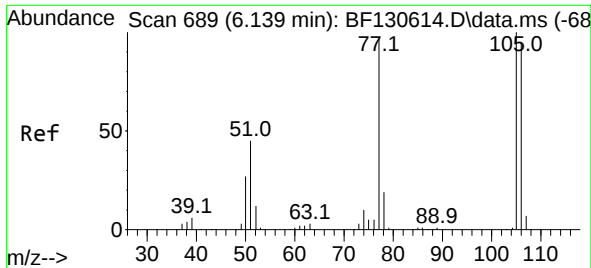
Reviewed By :Christian Giraldo 10/19/2022
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#8
2-Chlorophenol
Concen: 46.643 ng
RT: 6.363 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

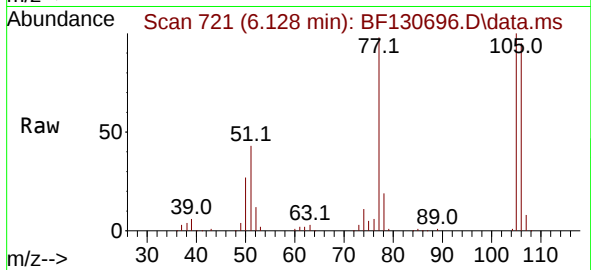
Tgt Ion:128 Resp: 335714
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 45.0 25.9 65.9





#9
Benzaldehyde
Concen: 21.169 ng
RT: 6.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

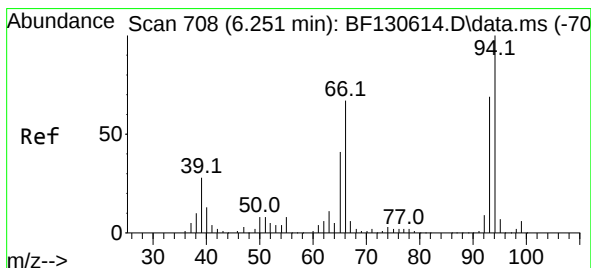
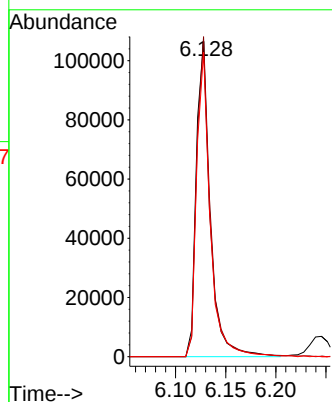
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion: 77 Resp: 10234
Ion Ratio Lower Upper
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105 101.5 83.0 123.0
106 96.5 77.8 117.8

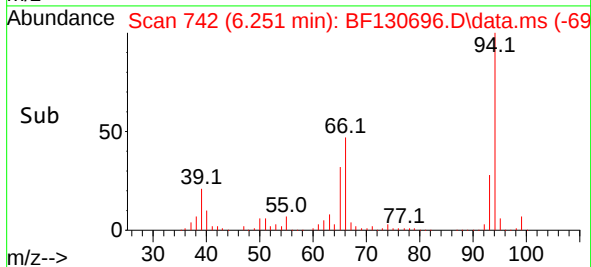
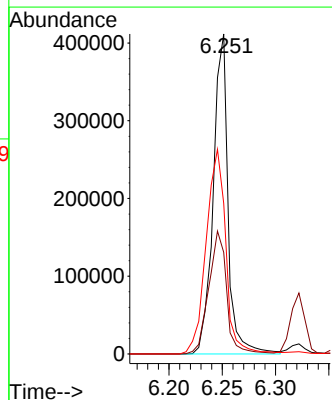
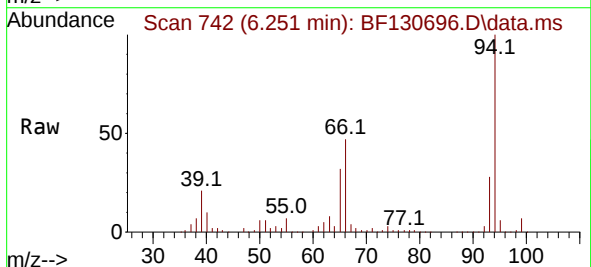
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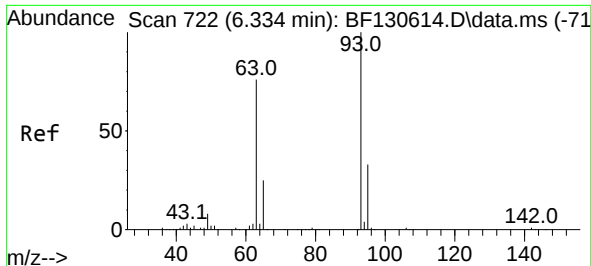
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#10
Phenol
Concen: 44.984 ng
RT: 6.251 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion: 94 Resp: 400521
Ion Ratio Lower Upper
94 100
65 31.8 21.2 61.2
66 47.0 46.9 86.9





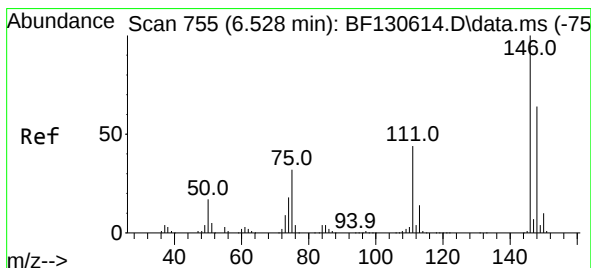
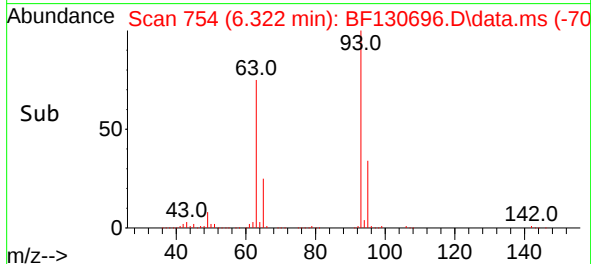
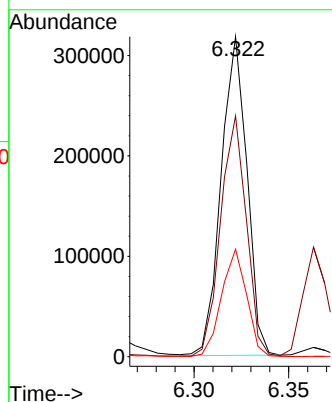
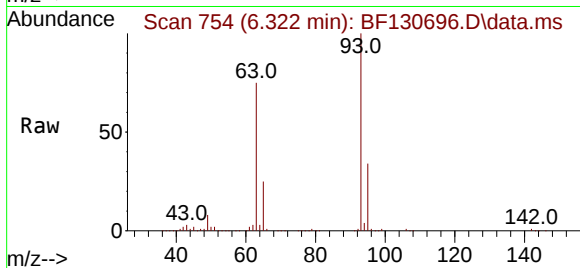
#11
bis(2-Chloroethyl)ether
Concen: 46.493 ng
RT: 6.322 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :
BNA_F
ClientSampleId :
PB148409BS

Tgt Ion: 93 Resp: 300694
Ion Ratio Lower Upper
93 100
63 75.2 56.1 96.1
95 33.6 12.4 52.4

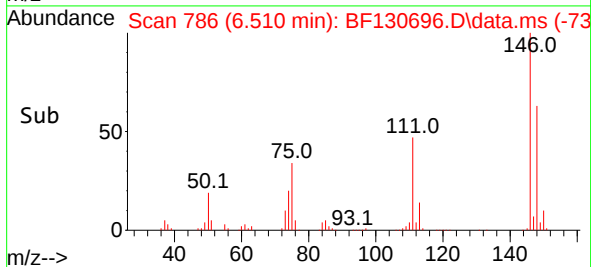
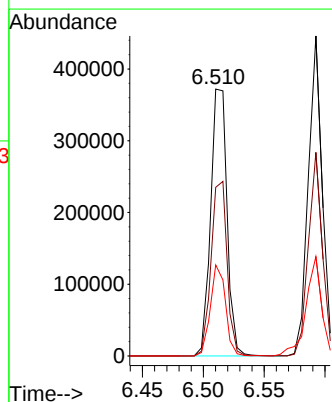
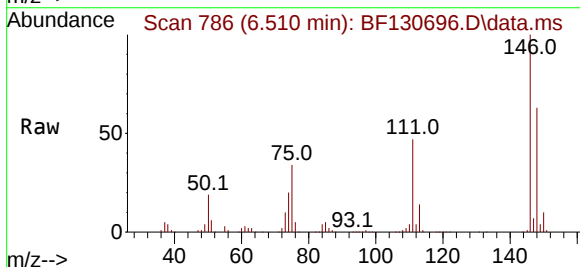
Manual Integrations
APPROVED

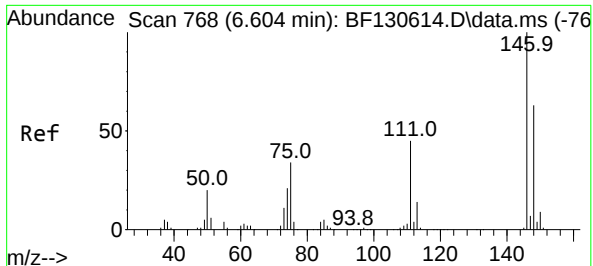
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#12
1,3-Dichlorobenzene
Concen: 44.443 ng
RT: 6.510 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion:146 Resp: 350242
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 34.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 44.909 ng

RT: 6.593 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

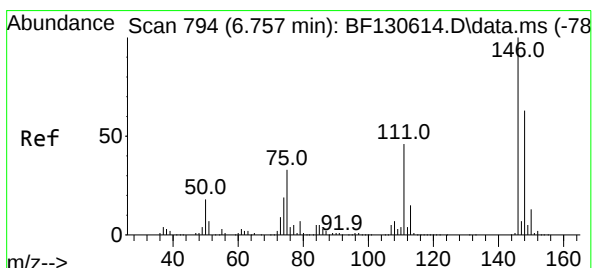
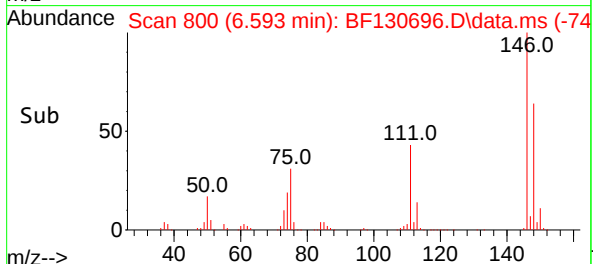
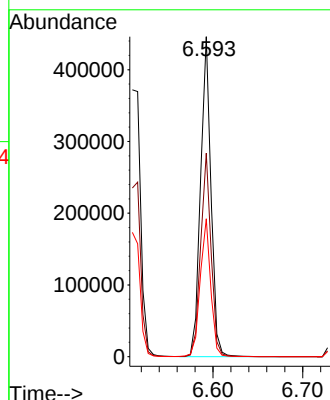
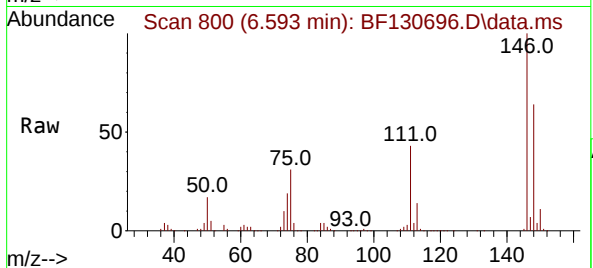
PB148409BS

Tgt Ion:146 Resp: 35904
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.1 75.1
 111 43.1 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022



#14

1,2-Dichlorobenzene

Concen: 45.277 ng

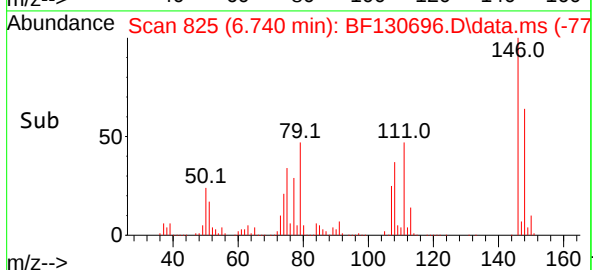
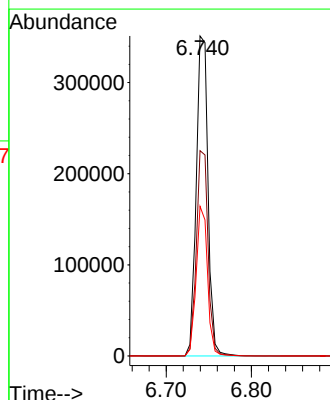
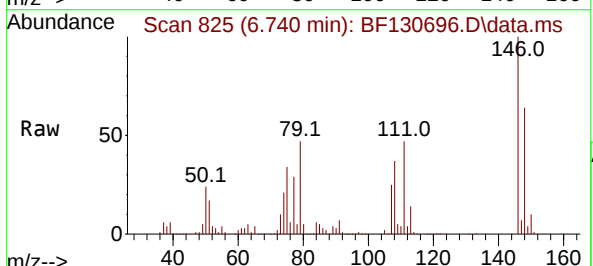
RT: 6.740 min Scan# 825

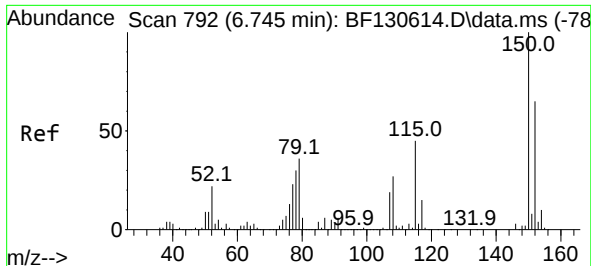
Delta R.T. -0.006 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

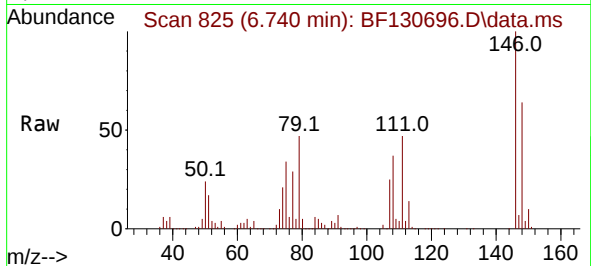
Tgt Ion:146 Resp: 337125
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.5 75.7
 111 46.8 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.430 ng
RT: 6.740 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

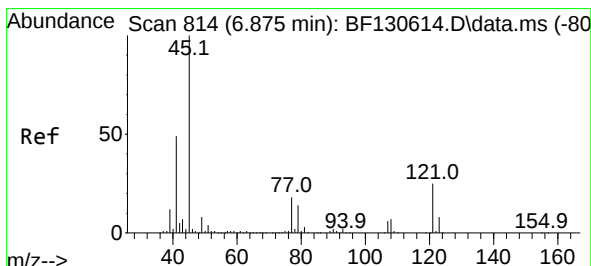
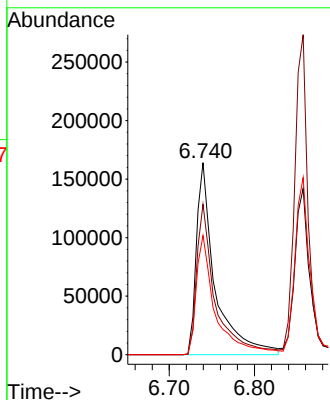
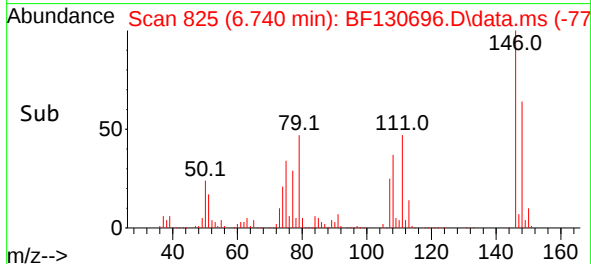
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion: 79 Resp: 25098
Ion Ratio Lower Upper
79 100
108 78.3 59.7 89.5
77 62.1 51.8 77.6

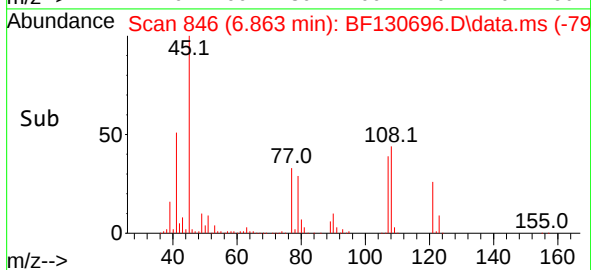
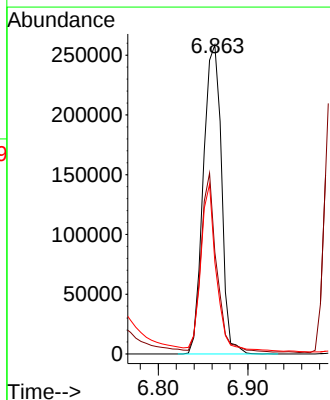
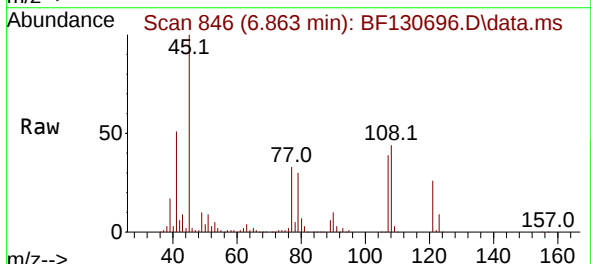
Manual Integrations
APPROVED

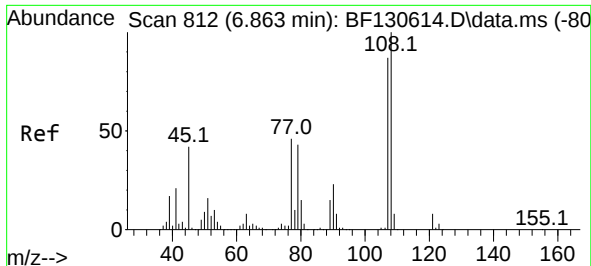
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.595 ng
RT: 6.863 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

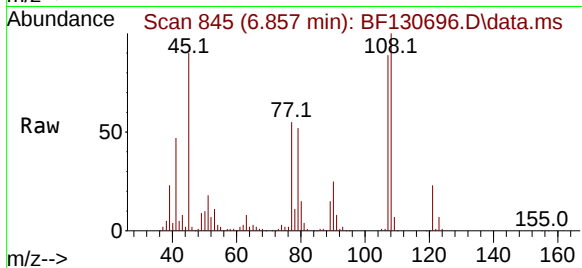
Tgt Ion: 45 Resp: 362735
Ion Ratio Lower Upper
45 100
77 33.0 0.0 38.7
79 29.7 0.0 34.6





#17
2-Methylphenol
Concen: 46.985 ng
RT: 6.857 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

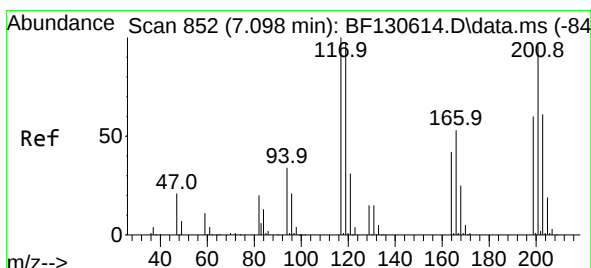
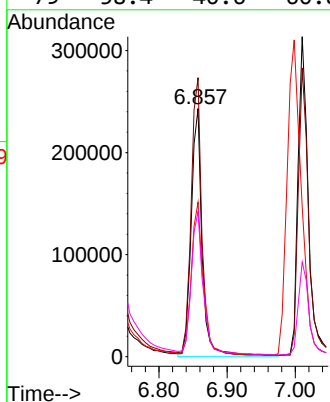
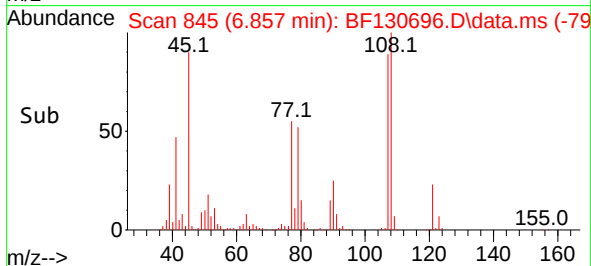
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion:107 Resp: 269000
Ion Ratio Lower Upper
107 100
108 112.5 92.2 138.2
77 62.3 42.7 64.1
79 58.4 40.6 60.8

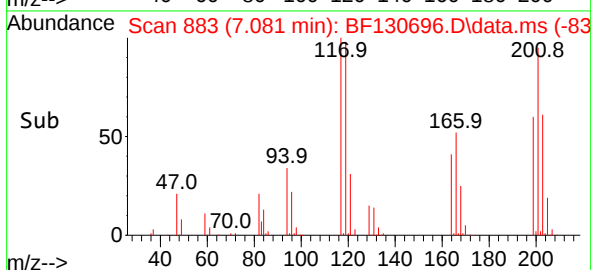
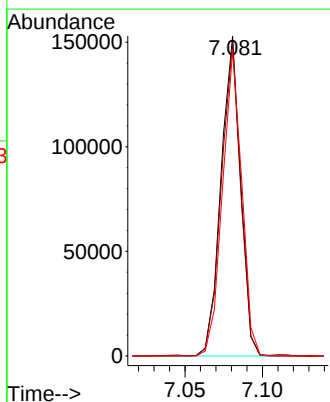
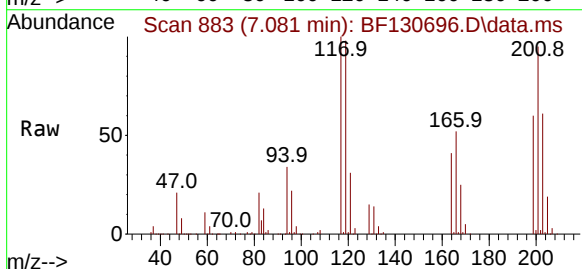
Manual Integrations
APPROVED

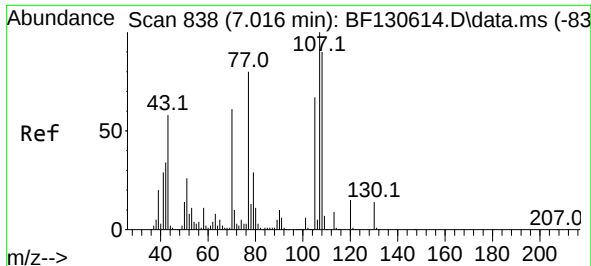
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#18
Hexachloroethane
Concen: 44.231 ng
RT: 7.081 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion:117 Resp: 133778
Ion Ratio Lower Upper
117 100
119 98.0 77.6 116.4
201 95.4 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.293 ng

RT: 7.004 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130696.D

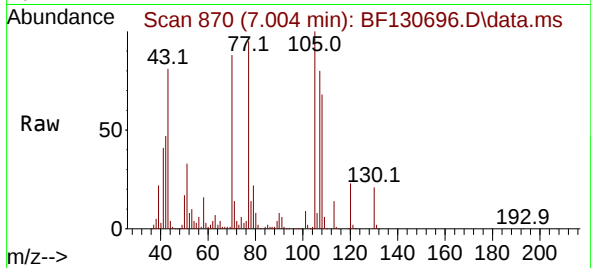
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS



Tgt Ion: 70 Resp: 21990

Ion Ratio Lower Upper

70 100

42 53.7 44.3 66.5

101 10.6 7.9 11.9

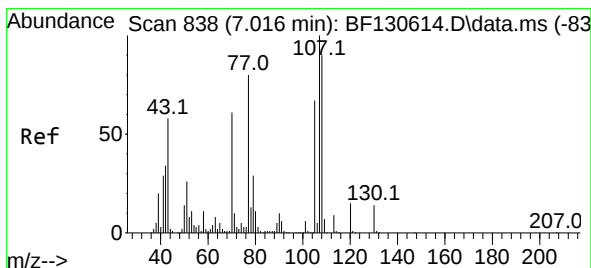
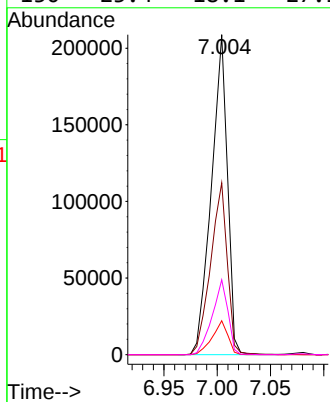
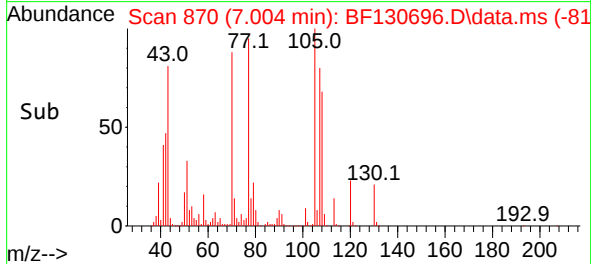
130 23.4 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#20

3+4-Methylphenols

Concen: 43.711 ng

RT: 7.010 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

Tgt Ion:107 Resp: 335348

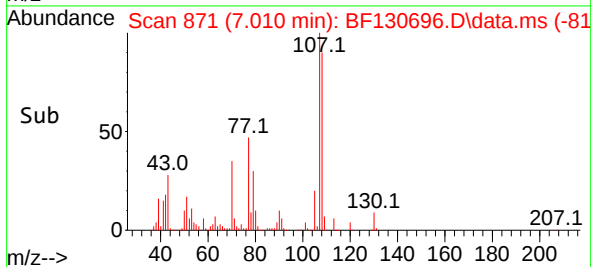
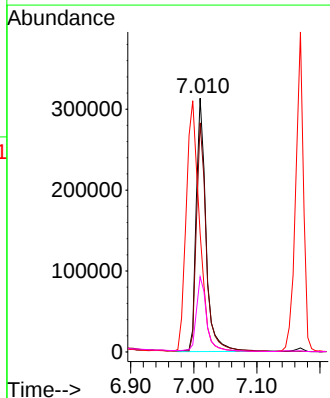
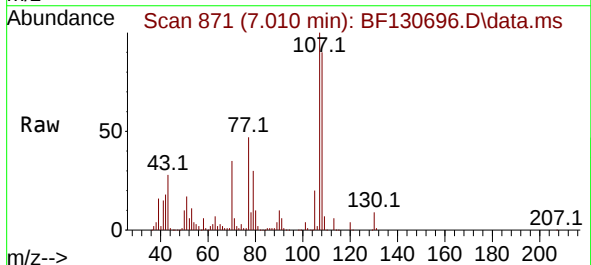
Ion Ratio Lower Upper

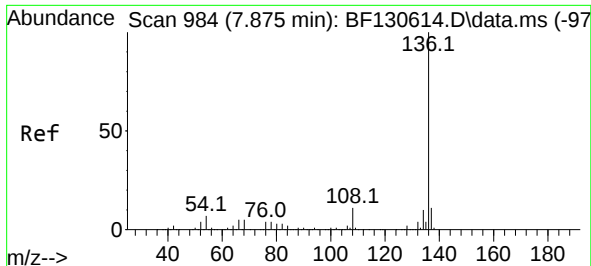
107 100

108 90.3 69.7 109.7

77 46.8 59.7 99.7#

79 29.6 9.5 49.5





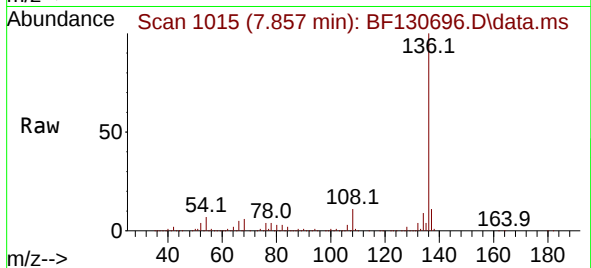
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

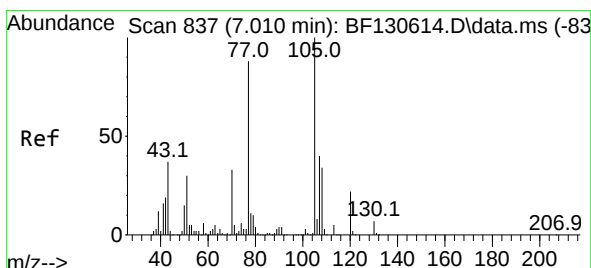
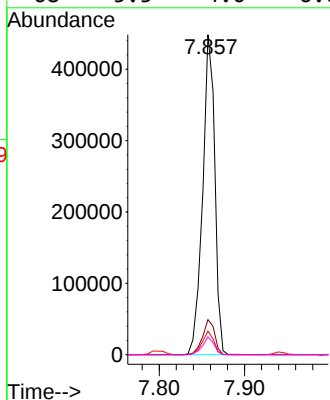
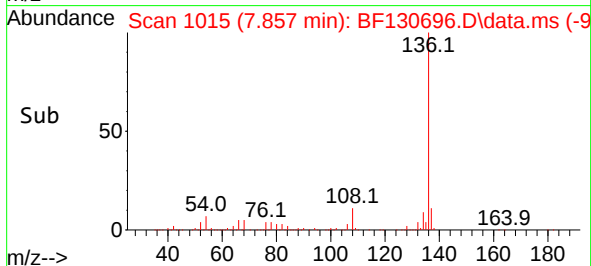


Tgt Ion:136 Resp: 443490
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.3 5.5 8.3
68 5.5 4.0 6.0

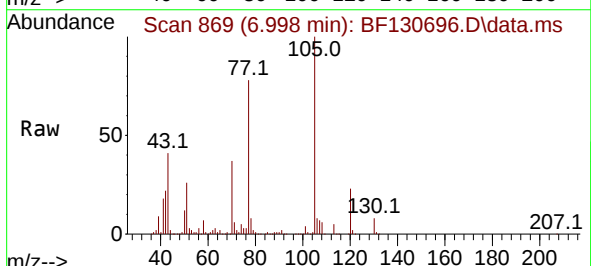
Manual Integrations

APPROVED

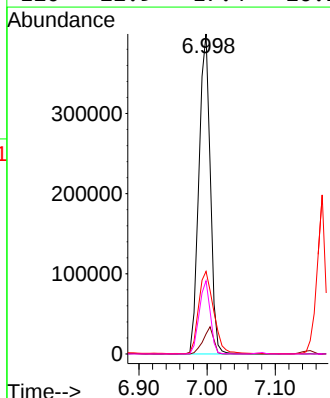
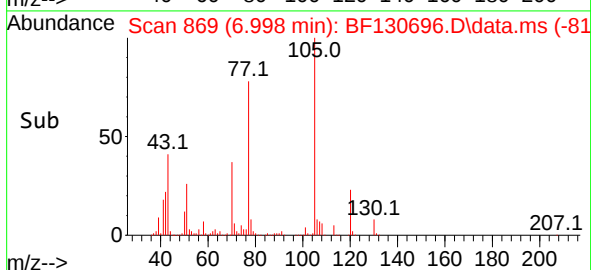
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

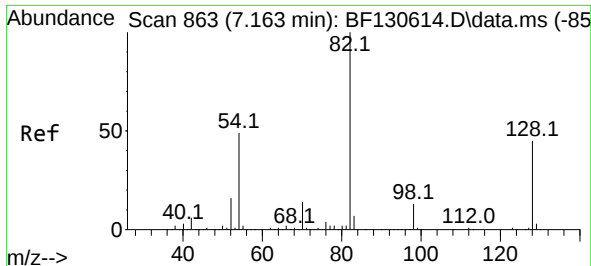


#22
Acetophenone
Concen: 43.546 ng
RT: 6.998 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:105 Resp: 463278
Ion Ratio Lower Upper
105 100
71 6.3 4.2 6.4
51 25.8 24.3 36.5
120 22.9 17.4 26.2





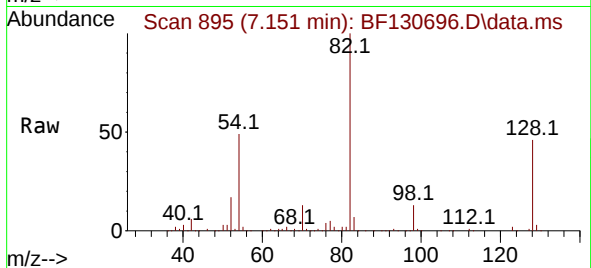
#23
Nitrobenzene-d5
Concen: 80.379 ng
RT: 7.151 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

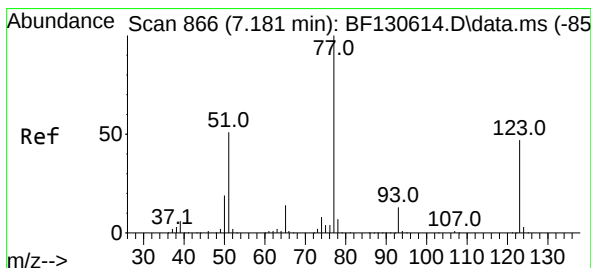
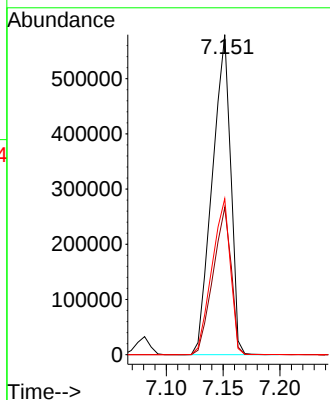
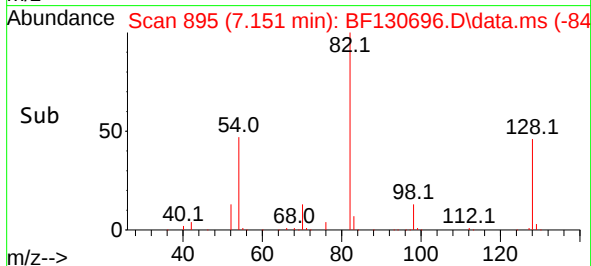


Tgt Ion: 82 Resp: 653000
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 48.8 39.3 58.9

Manual Integrations

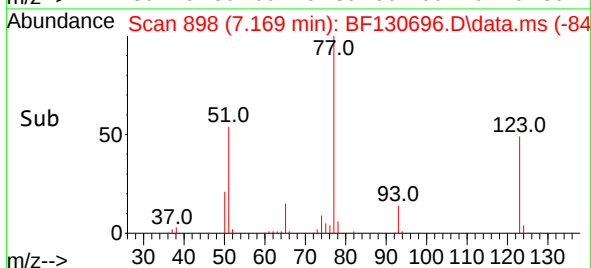
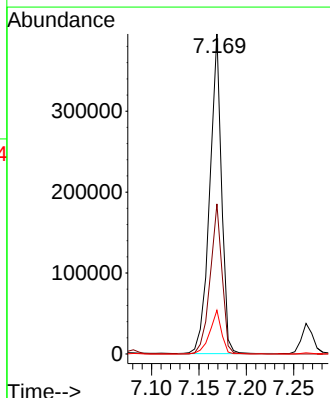
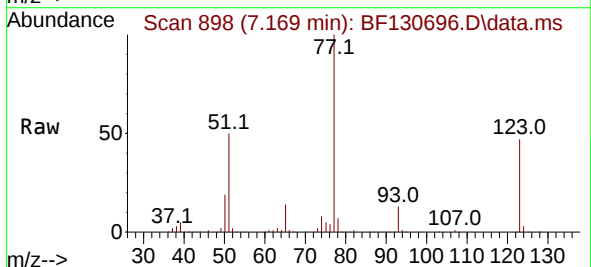
APPROVED

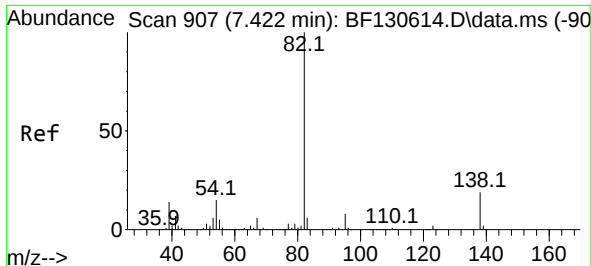
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#24
Nitrobenzene
Concen: 41.819 ng
RT: 7.169 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion: 77 Resp: 341659
Ion Ratio Lower Upper
77 100
123 46.9 37.5 56.3
65 13.6 11.0 16.4





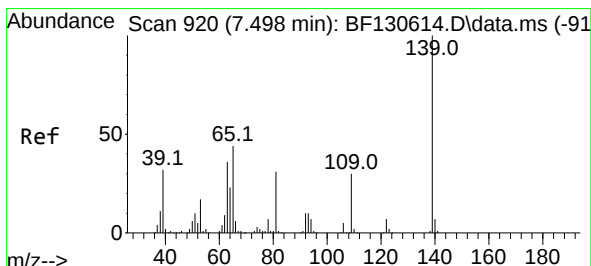
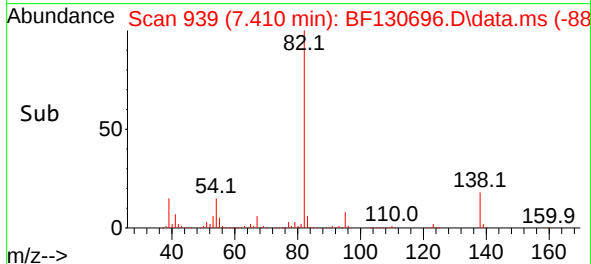
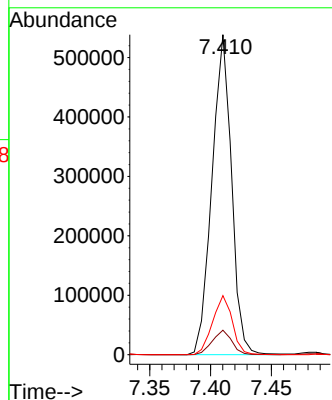
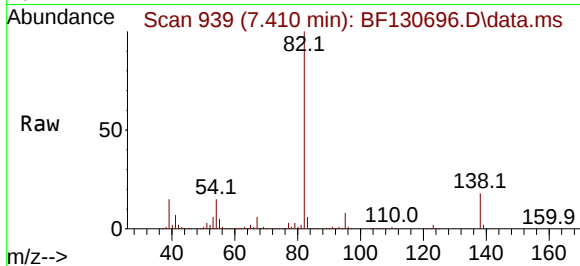
#25
Isophorone
Concen: 44.472 ng
RT: 7.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :
BNA_F
ClientSampleId :
PB148409BS

Tgt Ion: 82 Resp: 60131
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.4 14.9 22.3

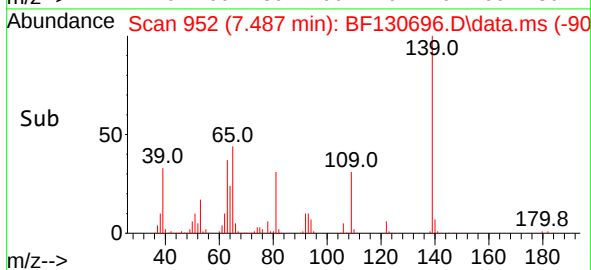
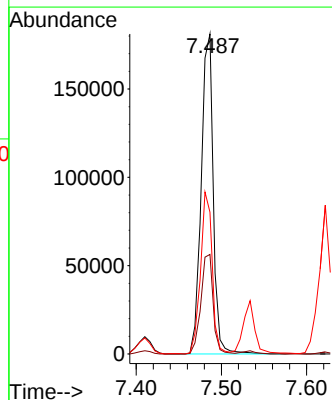
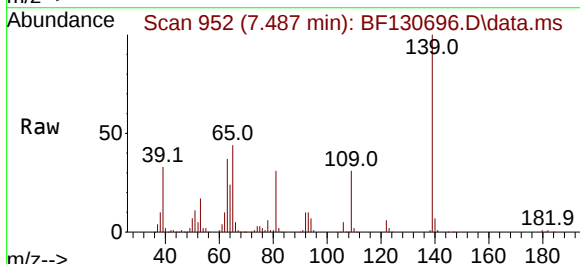
Manual Integrations
APPROVED

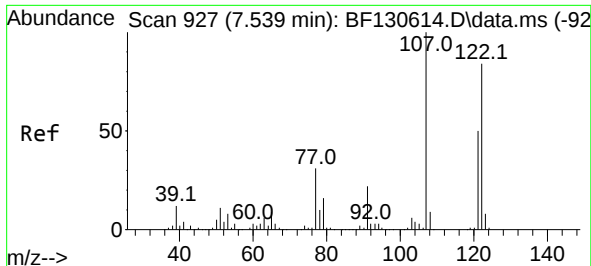
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#26
2-Nitrophenol
Concen: 44.303 ng
RT: 7.487 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion:139 Resp: 177501
Ion Ratio Lower Upper
139 100
109 31.1 23.9 35.9
65 44.3 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 50.502 ng

RT: 7.534 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

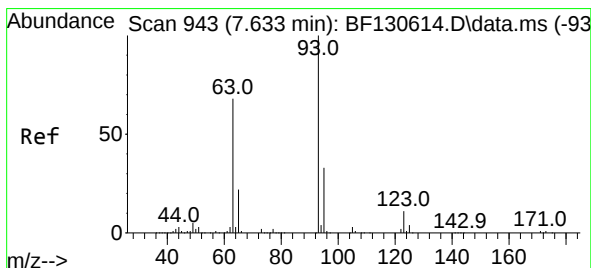
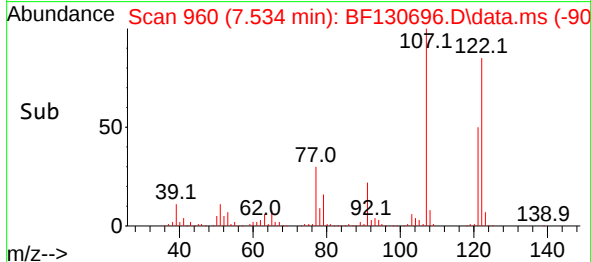
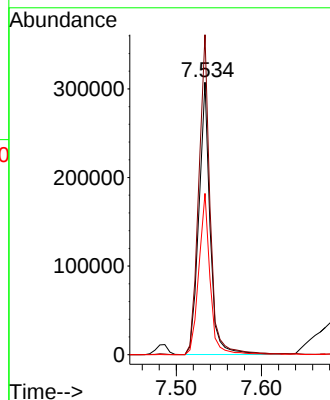
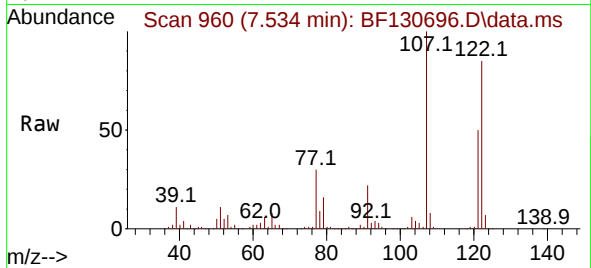
PB148409BS

Tgt Ion:122 Resp: 28201
 Ion Ratio Lower Upper
 122 100
 107 117.4 94.9 142.3
 121 59.2 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.770 ng

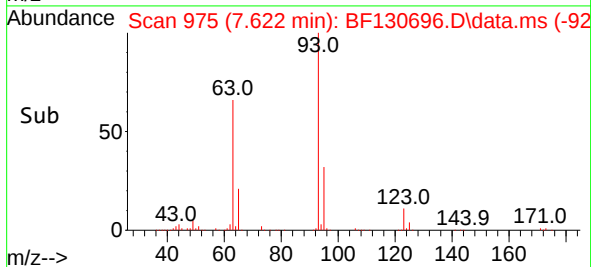
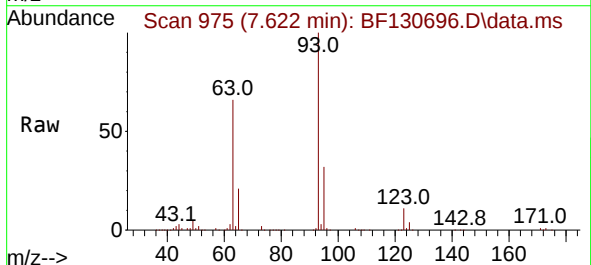
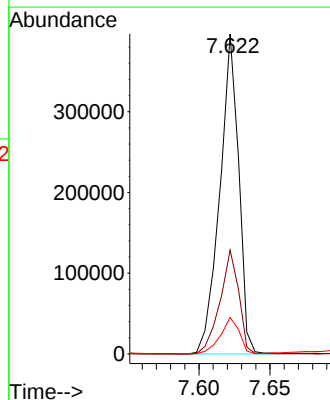
RT: 7.622 min Scan# 975

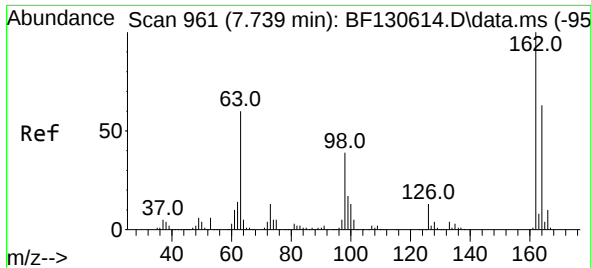
Delta R.T. 0.000 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

Tgt Ion: 93 Resp: 366166
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.4 39.6
 123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.655 ng

RT: 7.734 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF130696.D

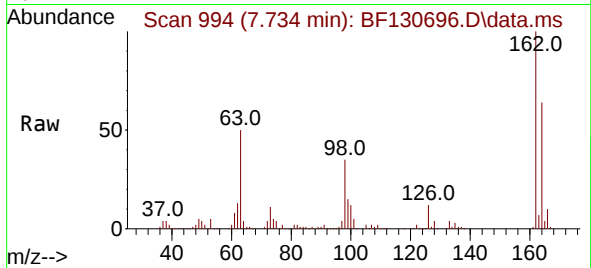
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS



Tgt Ion:162 Resp: 27274

Ion Ratio Lower Upper

162 100

164 64.0 42.8 82.8

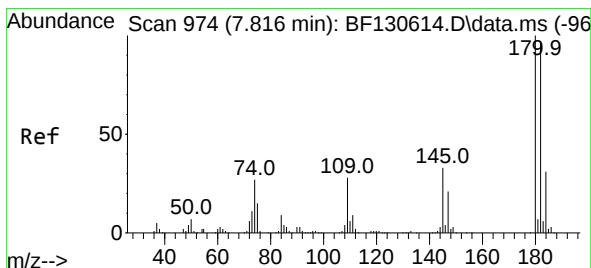
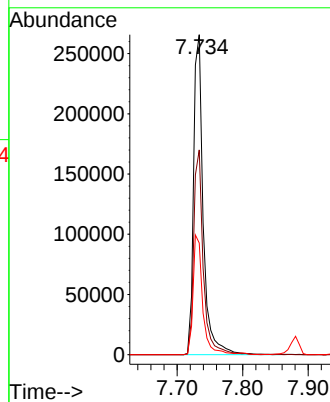
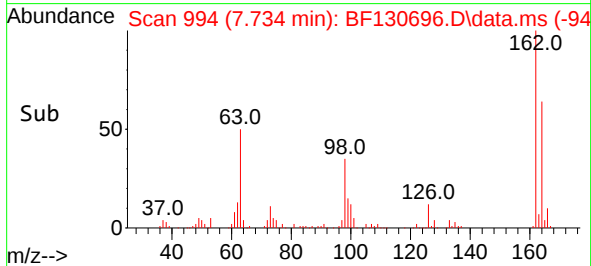
98 34.9 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.522 ng

RT: 7.804 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

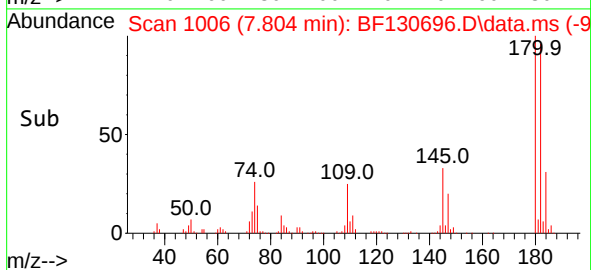
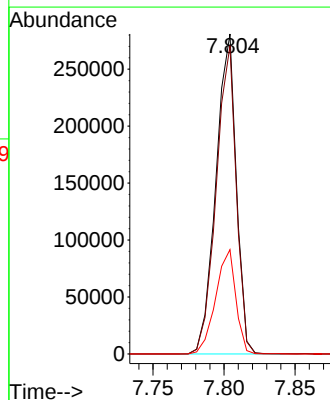
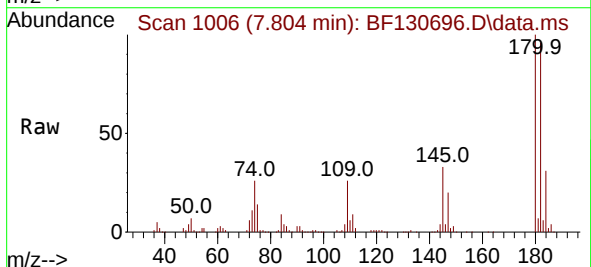
Tgt Ion:180 Resp: 279671

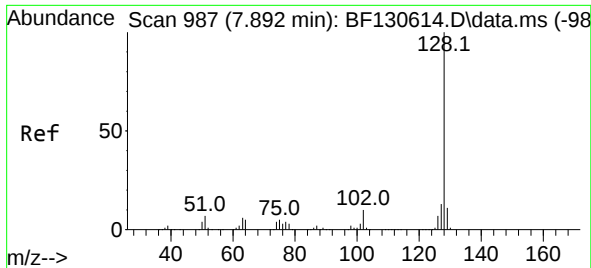
Ion Ratio Lower Upper

180 100

182 96.3 78.0 117.0

145 32.6 26.7 40.1





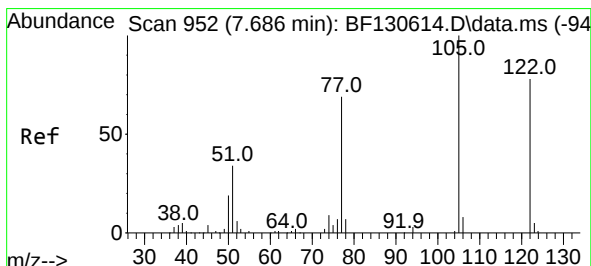
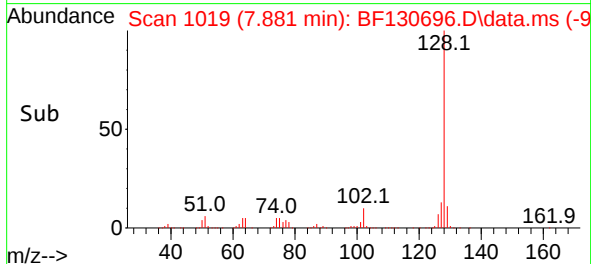
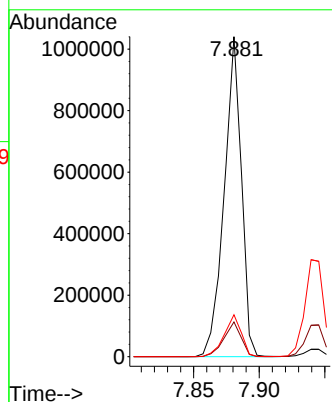
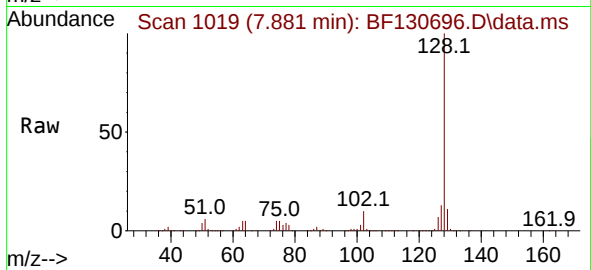
#31
Naphthalene
Concen: 41.273 ng
RT: 7.881 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :
BNA_F
ClientSampleId :
PB148409BS

Tgt Ion:128 Resp: 947529
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.1 10.3 15.5

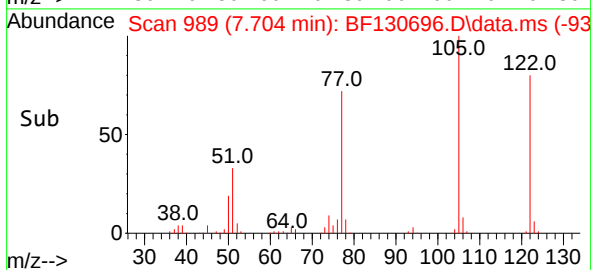
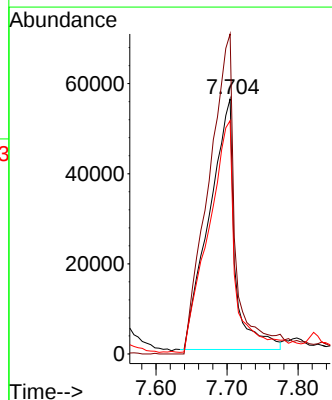
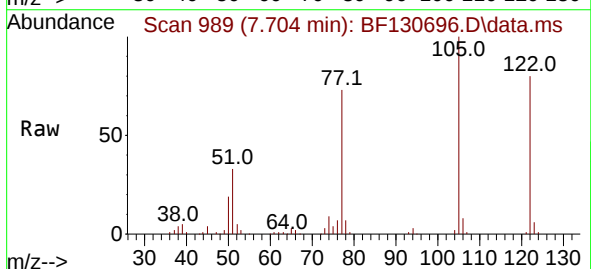
Manual Integrations
APPROVED

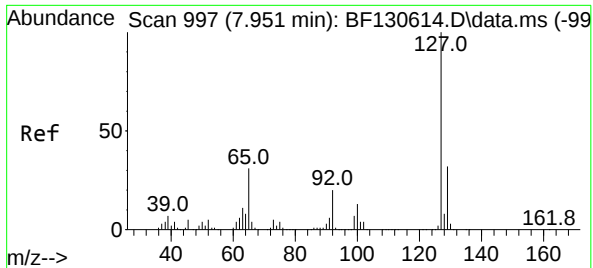
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#32
Benzoic acid
Concen: 39.877 ng
RT: 7.704 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion:122 Resp: 140876
Ion Ratio Lower Upper
122 100
105 125.5 104.8 144.8
77 91.5 68.2 108.2





#33
4-Chloroaniline
Concen: 39.714 ng
RT: 7.939 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

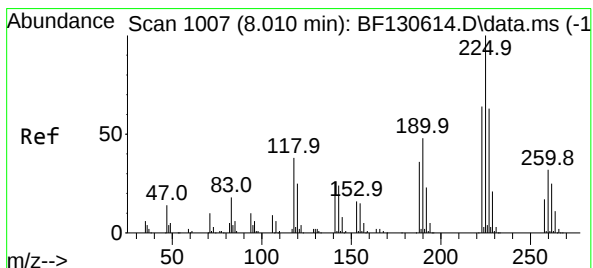
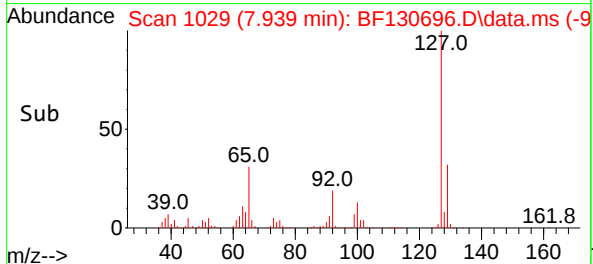
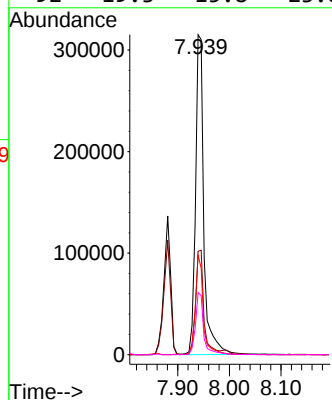
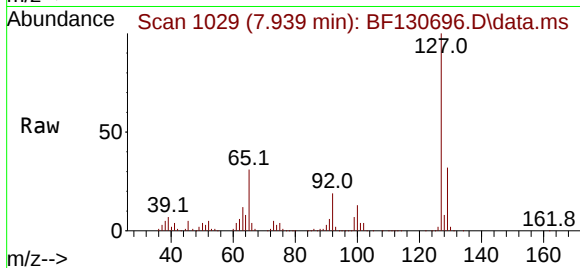
PB148409BS

Tgt Ion:127 Resp: 353180
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 31.0 24.7 37.1
92 19.3 15.8 23.8

Manual Integrations

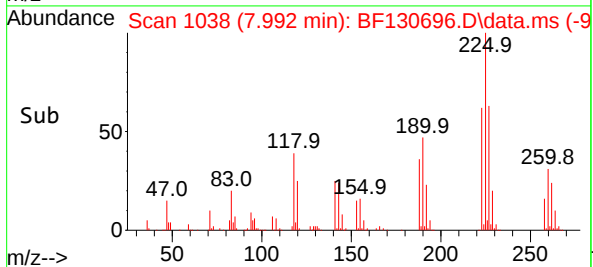
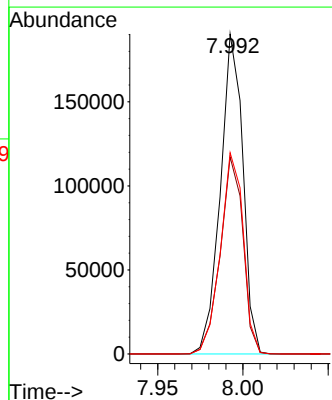
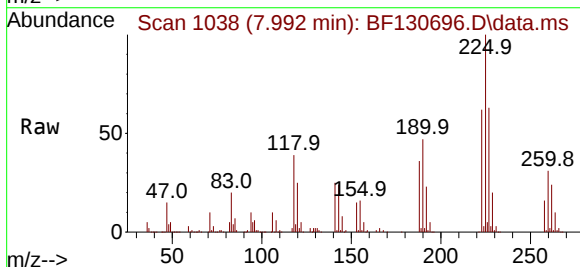
APPROVED

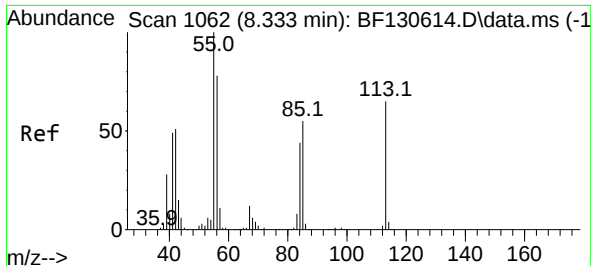
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#34
Hexachlorobutadiene
Concen: 41.789 ng
RT: 7.992 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

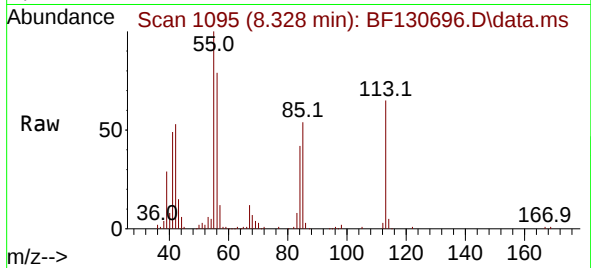
Tgt Ion:225 Resp: 174700
Ion Ratio Lower Upper
225 100
223 61.6 51.5 77.3
227 62.9 50.4 75.6





#35
 Caprolactam
 Concen: 47.252 ng m
 RT: 8.328 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF130696.D
 Acq: 18 Oct 2022 13:37

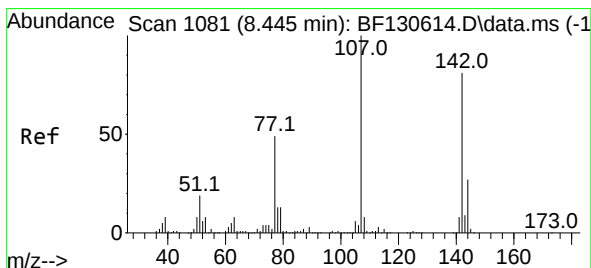
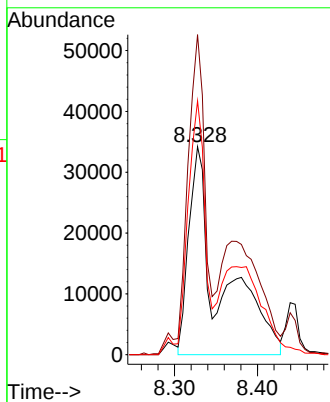
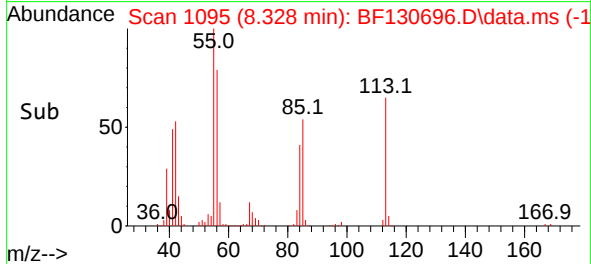
Instrument :
 BNA_F
 ClientSampleId :
 PB148409BS



Tgt Ion:113 Resp: 8882
 Ion Ratio Lower Upper
 113 100
 55 153.8 134.3 174.3
 56 122.0 101.0 141.0

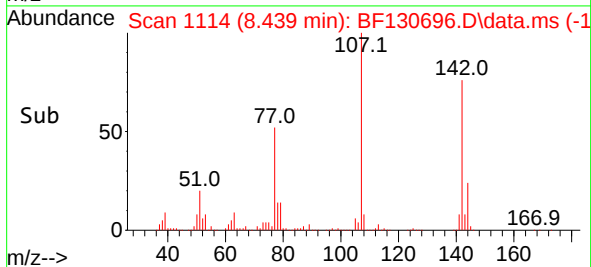
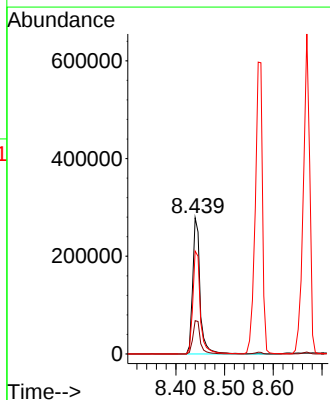
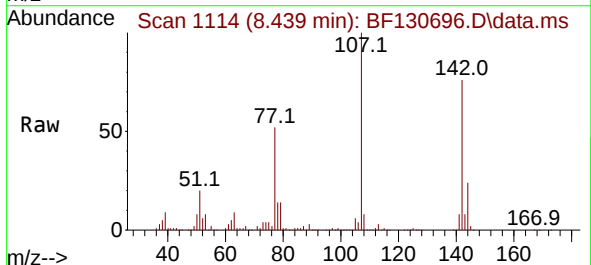
Manual Integrations
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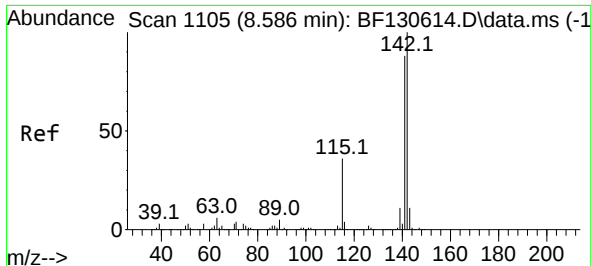
Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.637 ng
 RT: 8.439 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF130696.D
 Acq: 18 Oct 2022 13:37

Tgt Ion:107 Resp: 295729
 Ion Ratio Lower Upper
 107 100
 144 24.5 21.9 32.9
 142 75.6 64.6 96.8





#37

2-Methylnaphthalene

Concen: 43.021 ng

RT: 8.569 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

Tgt Ion:142 Resp: 62152

Ion Ratio Lower Upper

142 100

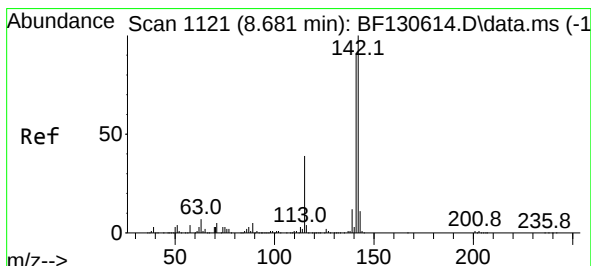
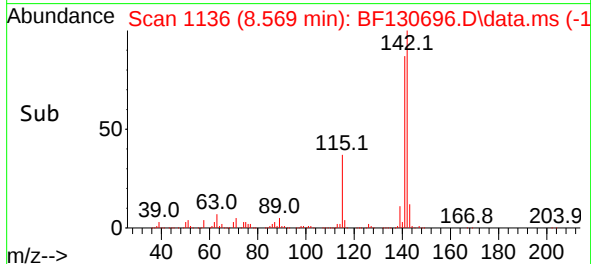
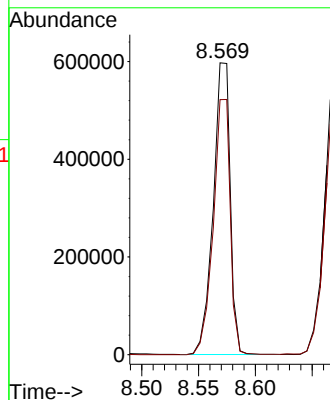
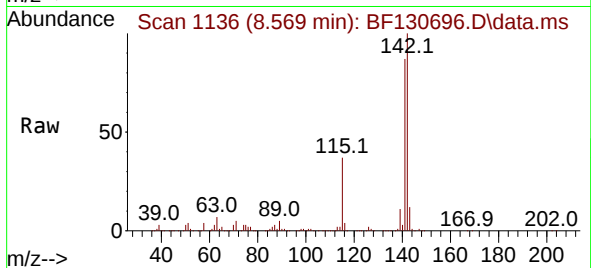
141 87.4 70.7 106.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#38

1-Methylnaphthalene

Concen: 42.301 ng

RT: 8.669 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF130696.D

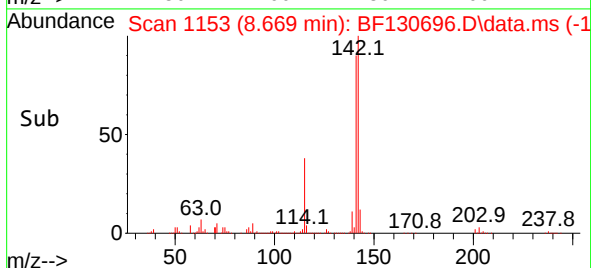
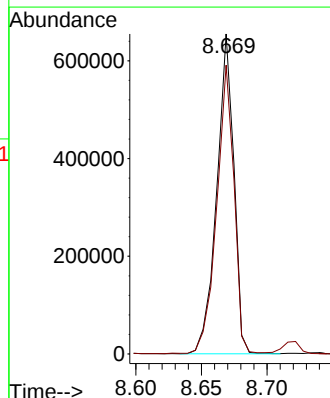
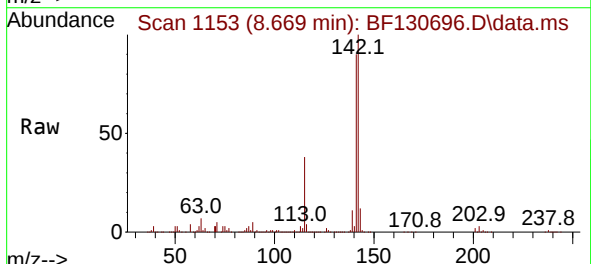
Acq: 18 Oct 2022 13:37

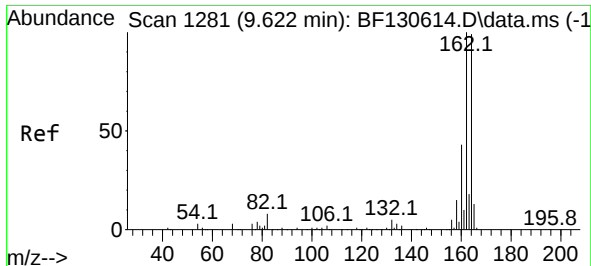
Tgt Ion:142 Resp: 593269

Ion Ratio Lower Upper

142 100

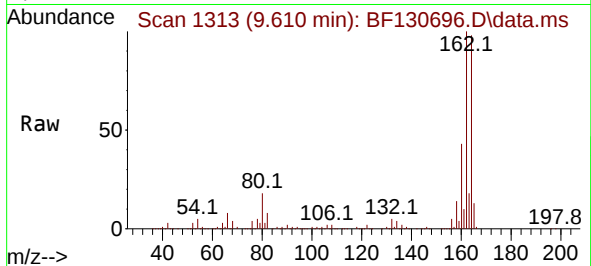
141 90.2 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

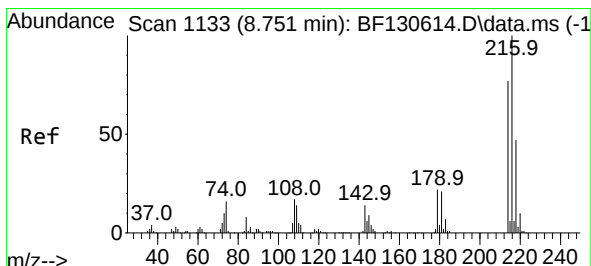
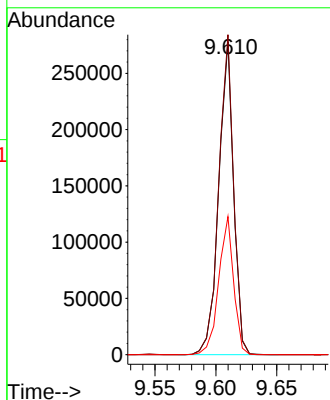
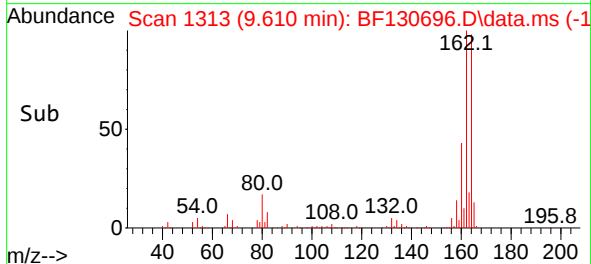
Instrument :
BNA_F
ClientSampleId :
PB148409BS



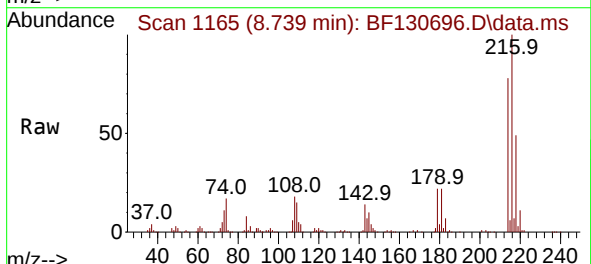
Tgt Ion:164 Resp: 236679
Ion Ratio Lower Upper
164 100
162 102.2 81.0 121.4
160 44.1 34.5 51.7

Manual Integrations
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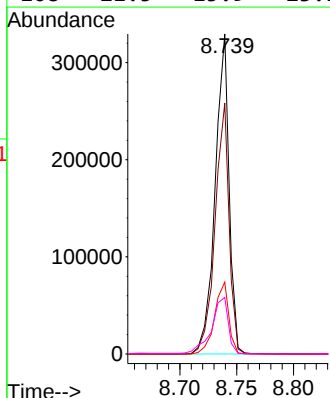
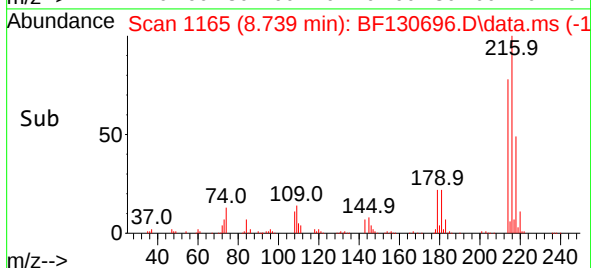
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

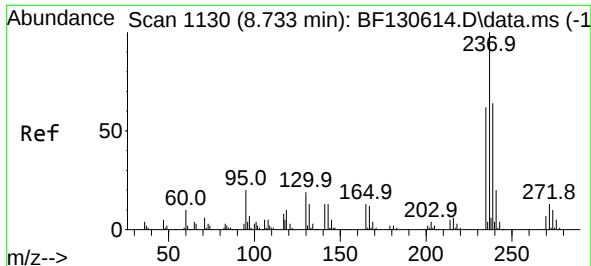


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.814 ng
RT: 8.739 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



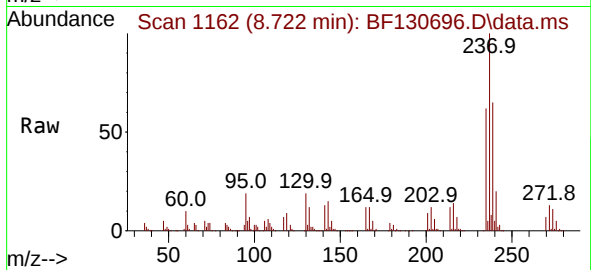
Tgt Ion:216 Resp: 281349
Ion Ratio Lower Upper
216 100
214 79.0 62.1 93.1
179 22.8 18.6 27.8
108 21.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 70.612 ng
RT: 8.722 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

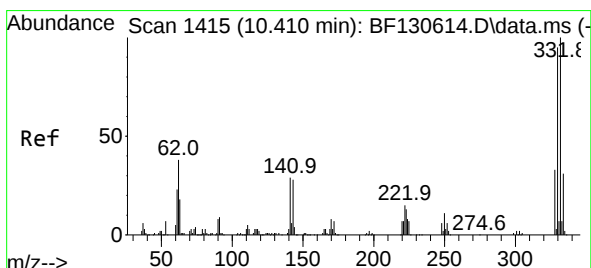
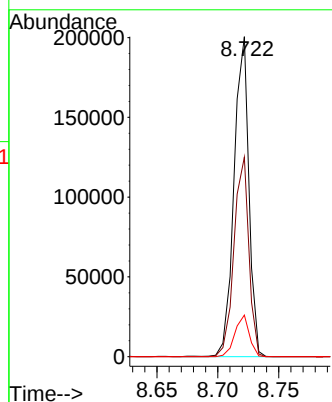
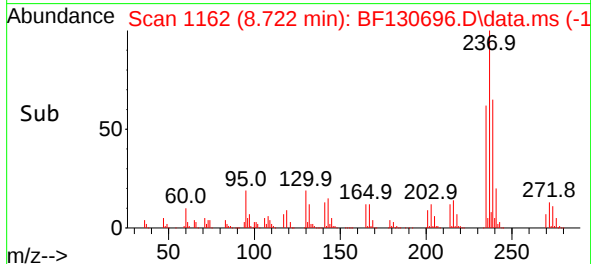
Instrument :
BNA_F
ClientSampleId :
PB148409BS



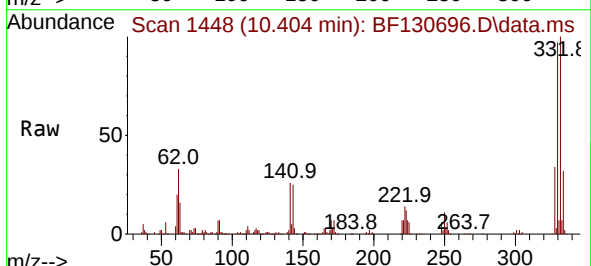
Tgt Ion:237 Resp: 170025
Ion Ratio Lower Upper
237 100
235 62.4 42.2 82.2
272 13.0 0.0 32.6

Manual Integrations
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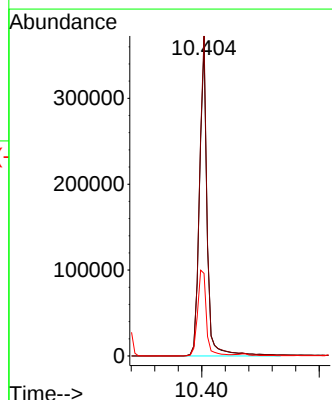
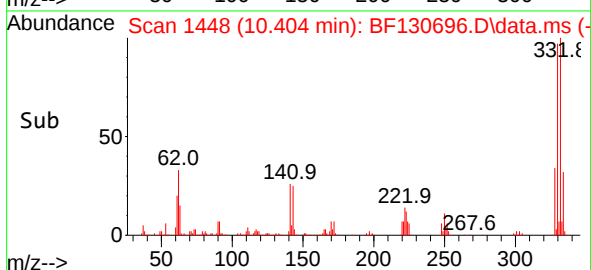
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

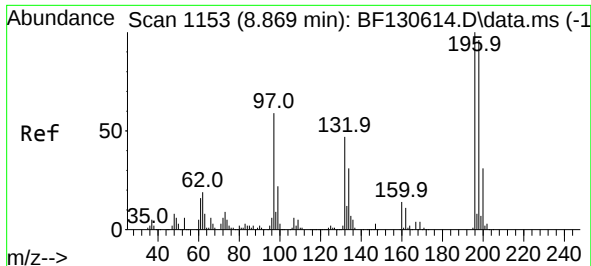


#42
2,4,6-Tribromophenol
Concen: 142.241 ng
RT: 10.404 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



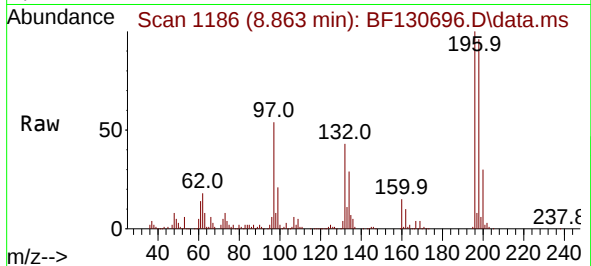
Tgt Ion:330 Resp: 329414
Ion Ratio Lower Upper
330 100
332 103.9 84.2 126.4
141 31.5 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 41.193 ng
RT: 8.863 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

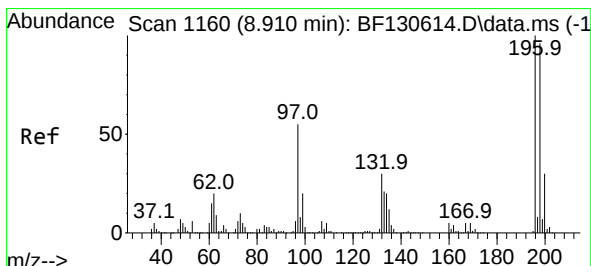
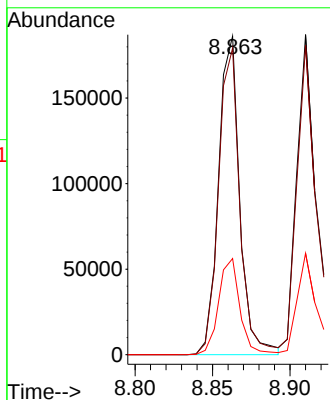
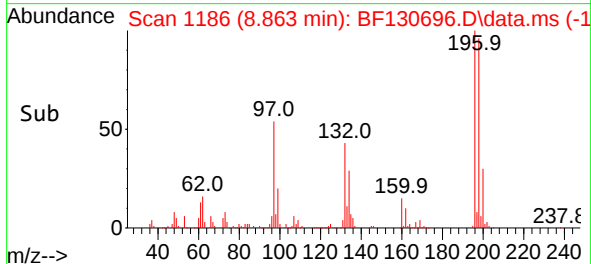
Instrument :
BNA_F
ClientSampleId :
PB148409BS



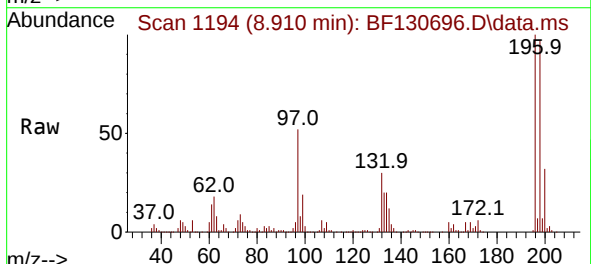
Tgt Ion:196 Resp: 177609
Ion Ratio Lower Upper
196 100
198 96.3 76.6 115.0
200 30.2 25.0 37.6

Manual Integrations
APPROVED

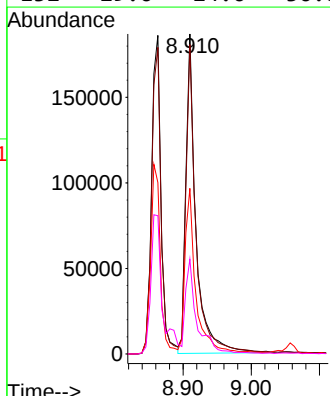
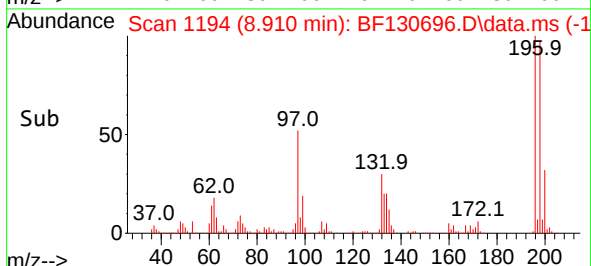
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

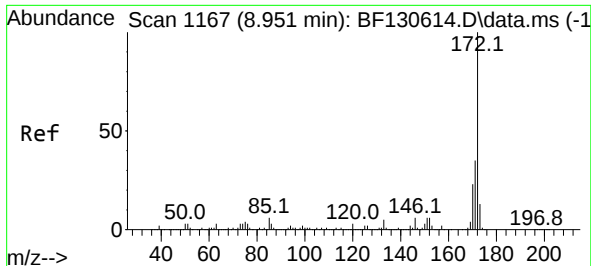


#44
2,4,5-Trichlorophenol
Concen: 40.197 ng
RT: 8.910 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:196 Resp: 190597
Ion Ratio Lower Upper
196 100
198 96.7 76.6 114.8
97 51.8 44.3 66.5
132 29.6 24.6 36.8





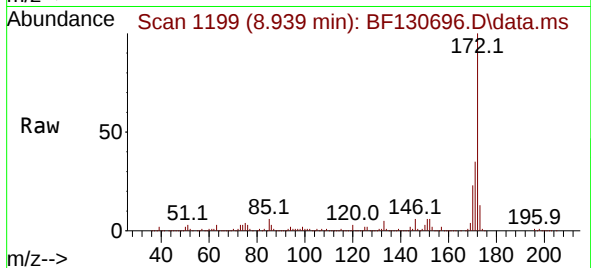
#45
2-Fluorobiphenyl
Concen: 80.613 ng
RT: 8.939 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

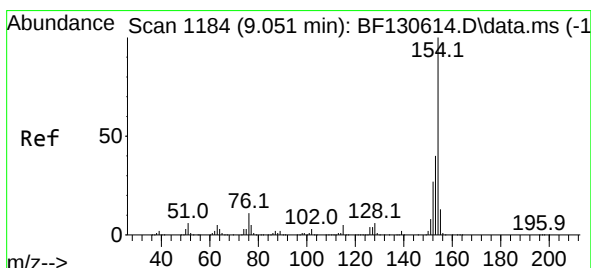
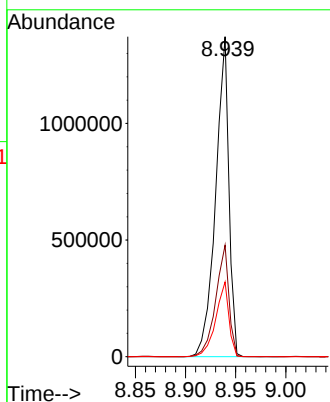
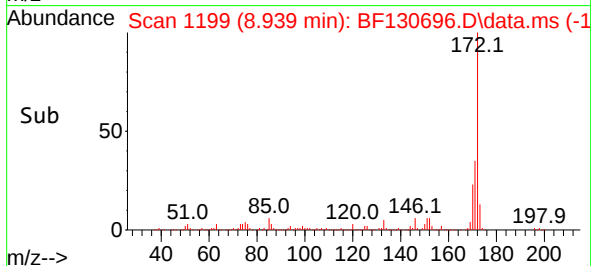


Tgt Ion:172 Resp: 1259584
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.4 18.6 27.8

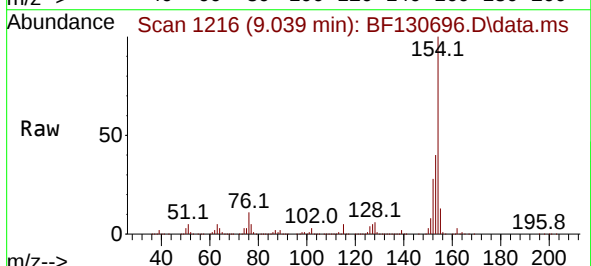
Manual Integrations

APPROVED

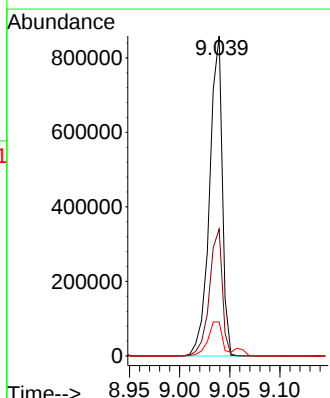
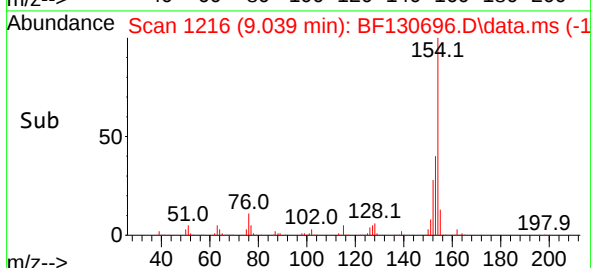
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

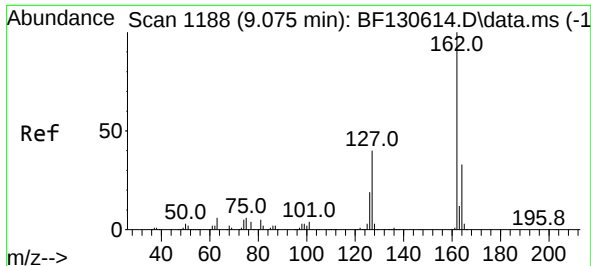


#46
1,1'-Biphenyl
Concen: 44.122 ng
RT: 9.039 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:154 Resp: 756803
Ion Ratio Lower Upper
154 100
153 39.6 20.0 60.0
76 10.6 0.0 30.8





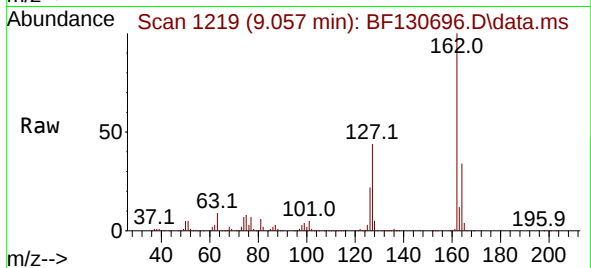
#47
2-Chloronaphthalene
Concen: 42.158 ng
RT: 9.057 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

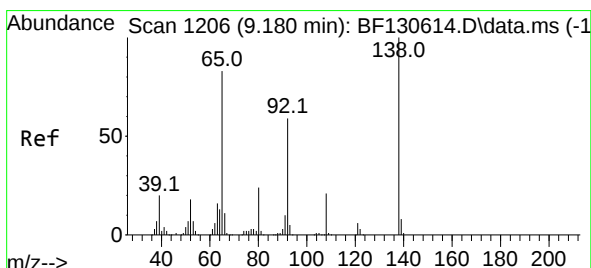
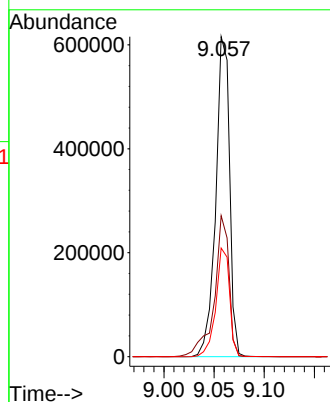
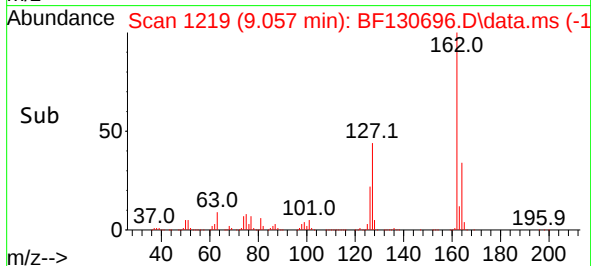


Tgt Ion:162 Resp: 59099
Ion Ratio Lower Upper
162 100
127 44.1 32.6 49.0
164 34.0 26.3 39.5

Manual Integrations

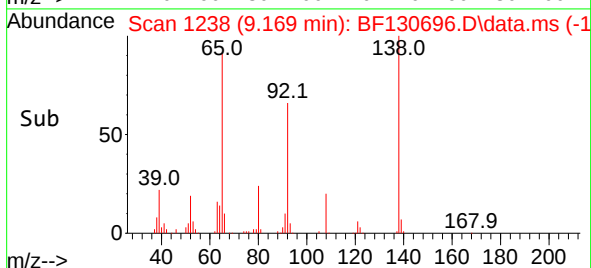
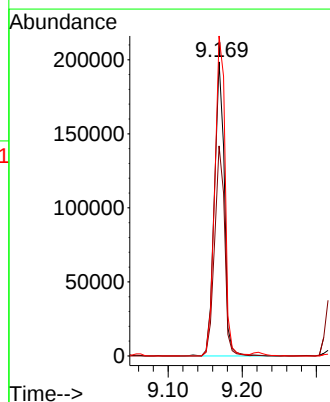
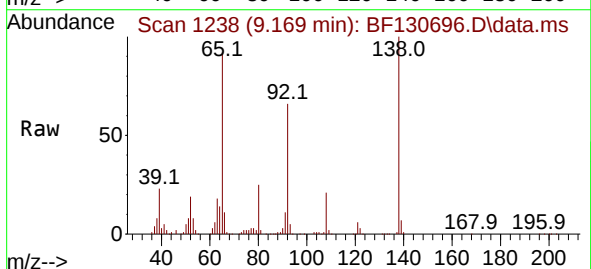
APPROVED

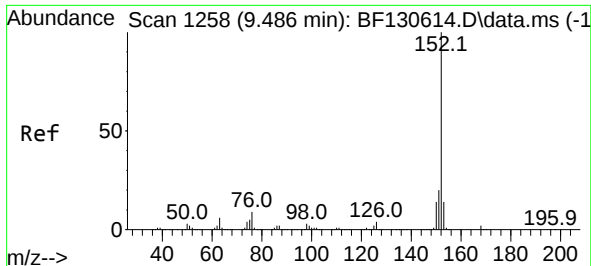
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#48
2-Nitroaniline
Concen: 43.939 ng
RT: 9.169 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

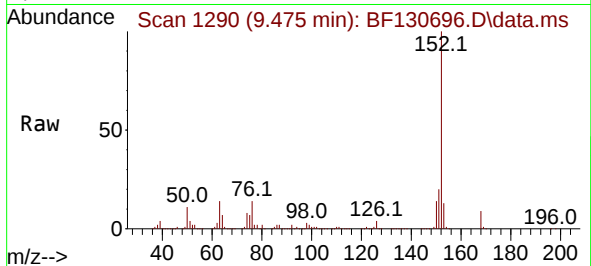
Tgt Ion: 65 Resp: 185424
Ion Ratio Lower Upper
65 100
92 71.5 57.4 86.0
138 108.8 96.7 145.1





#49
Acenaphthylene
Concen: 42.075 ng
RT: 9.475 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

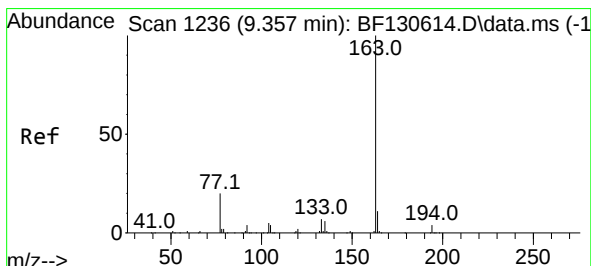
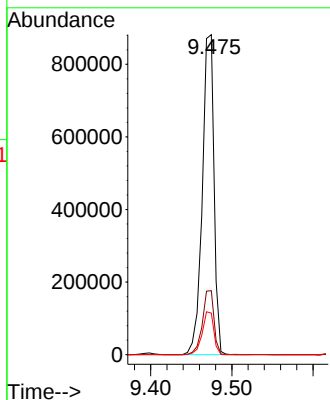
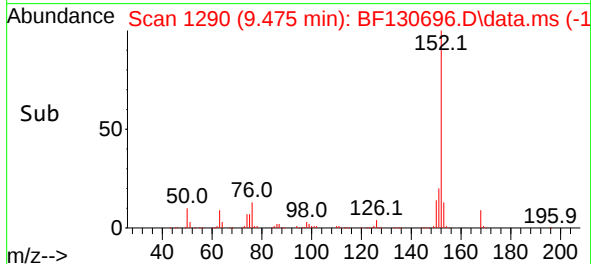
Instrument :
BNA_F
ClientSampleId :
PB148409BS



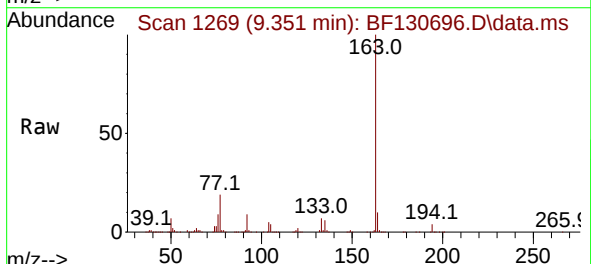
Tgt Ion:152 Resp: 883760
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.0 10.8 16.2

Manual Integrations
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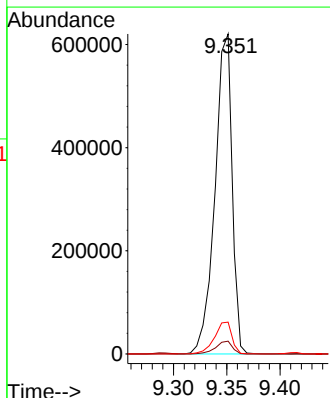
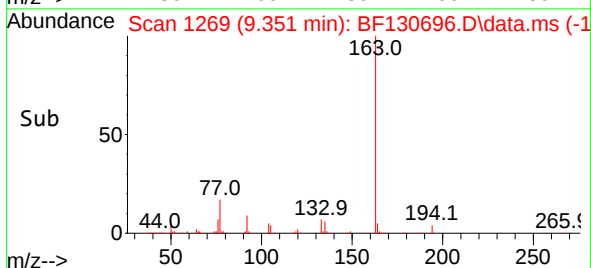
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

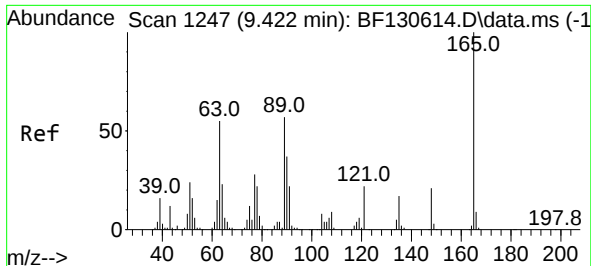


#50
Dimethylphthalate
Concen: 42.292 ng
RT: 9.351 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



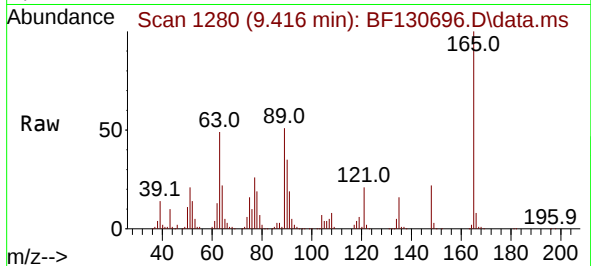
Tgt Ion:163 Resp: 692895
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.833 ng
RT: 9.416 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

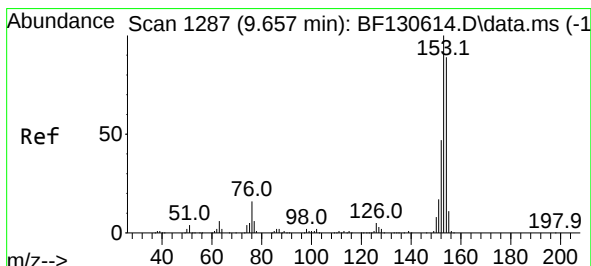
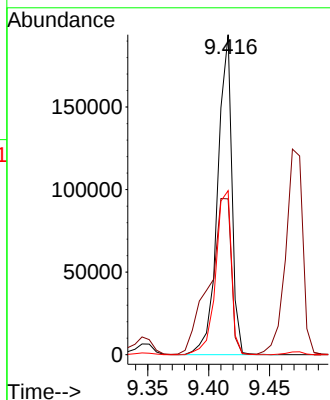
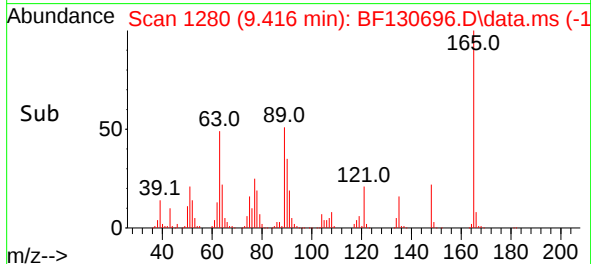
Instrument :
BNA_F
ClientSampleId :
PB148409BS



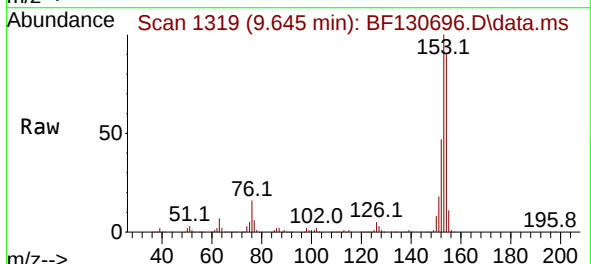
Tgt Ion:165 Resp: 157530
Ion Ratio Lower Upper
165 100
63 48.7 45.3 67.9
89 51.2 45.6 68.4

Manual Integrations
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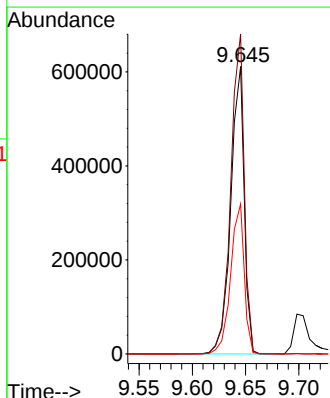
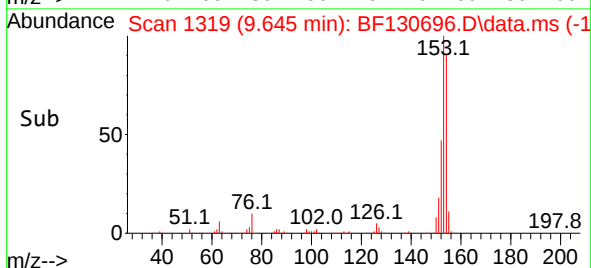
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

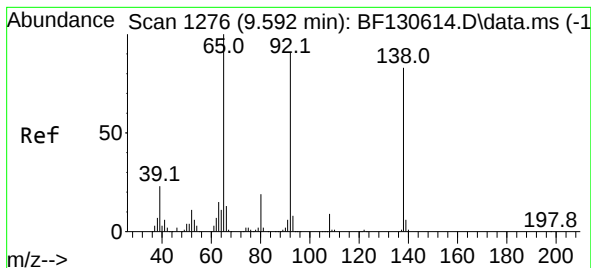


#52
Acenaphthene
Concen: 42.229 ng
RT: 9.645 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:154 Resp: 537405
Ion Ratio Lower Upper
154 100
153 111.4 89.6 134.4
152 52.1 42.4 63.6





#53
3-Nitroaniline
Concen: 37.022 ng
RT: 9.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

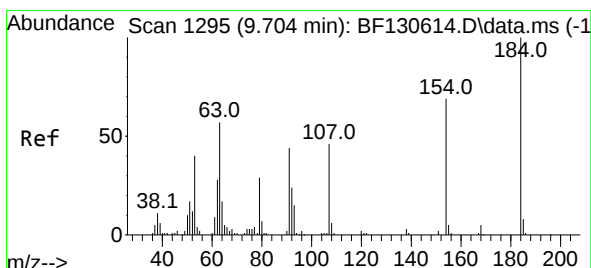
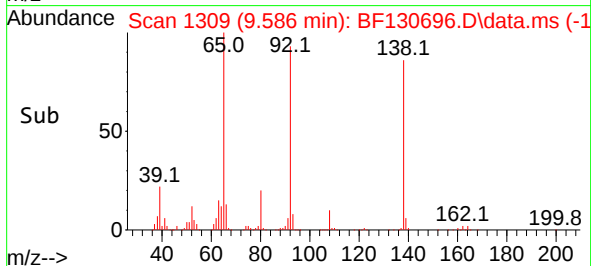
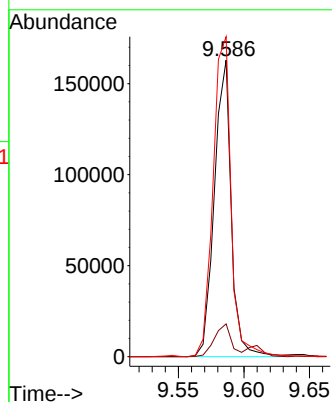
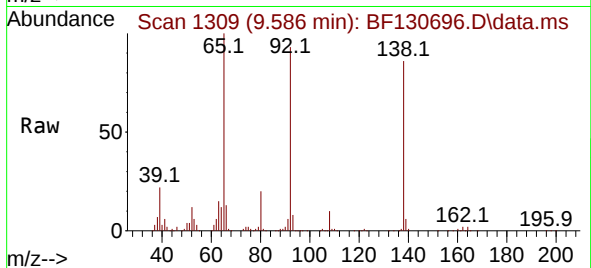
PB148409BS

Tgt Ion:138 Resp: 14584
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 107.9 88.2 132.4

Manual Integrations

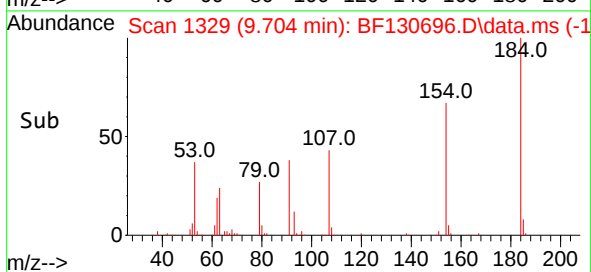
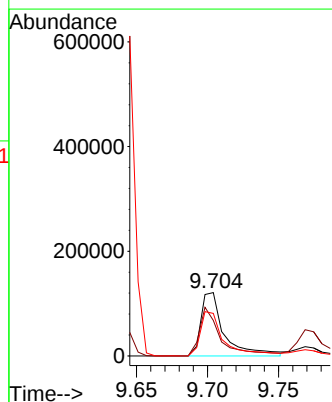
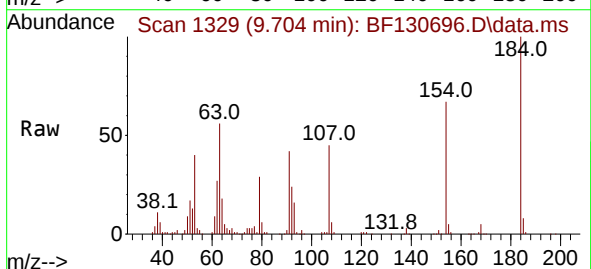
APPROVED

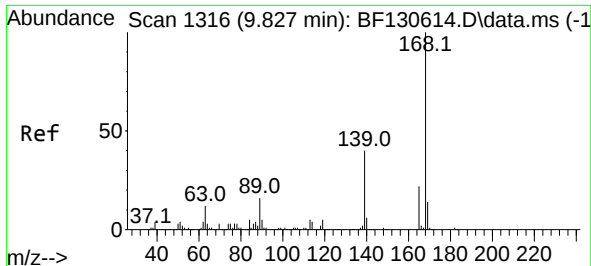
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#54
2,4-Dinitrophenol
Concen: 76.687 ng
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

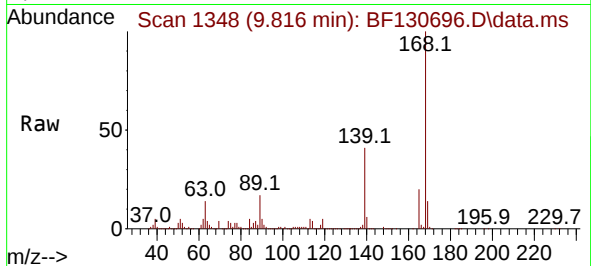
Tgt Ion:184 Resp: 140037
Ion Ratio Lower Upper
184 100
63 56.1 45.5 68.3
154 67.2 55.1 82.7





#55
Dibenzofuran
Concen: 41.973 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

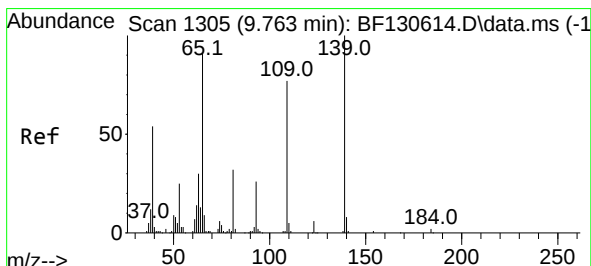
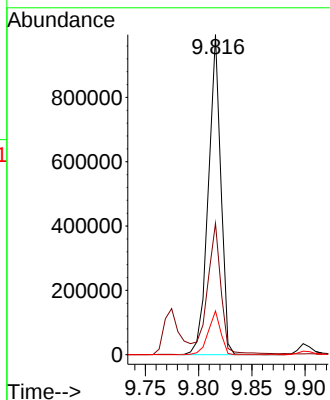
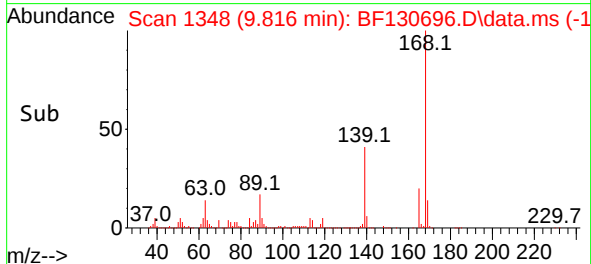
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion:168 Resp: 813719
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.4
169 13.7 10.9 16.3

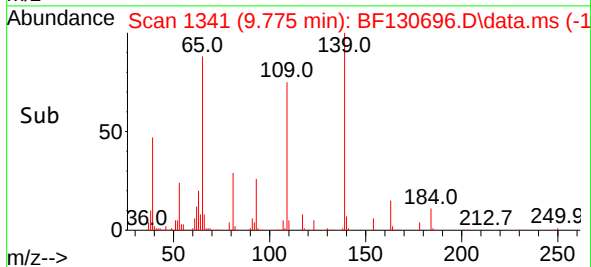
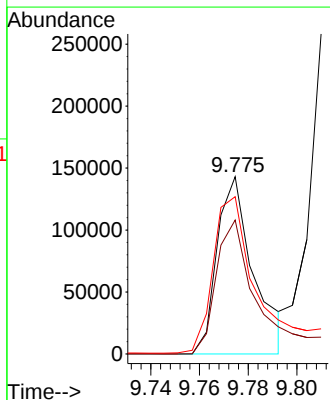
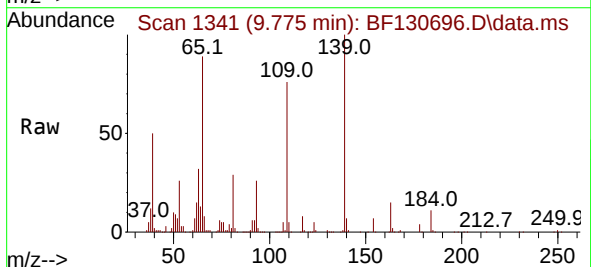
Manual Integrations
APPROVED

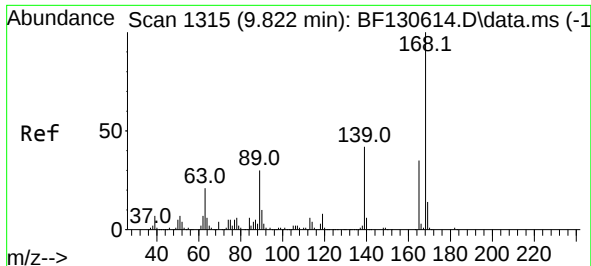
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#56
4-Nitrophenol
Concen: 68.395 ng
RT: 9.775 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion:139 Resp: 148562
Ion Ratio Lower Upper
139 100
109 75.5 57.4 97.4
65 88.7 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 44.969 ng

RT: 9.822 min Scan# 1406

Delta R.T. 0.006 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

Tgt Ion:165 Resp: 207700

Ion Ratio Lower Upper

165 100

63 44.2 50.6 76.0

89 67.8 68.6 102.8

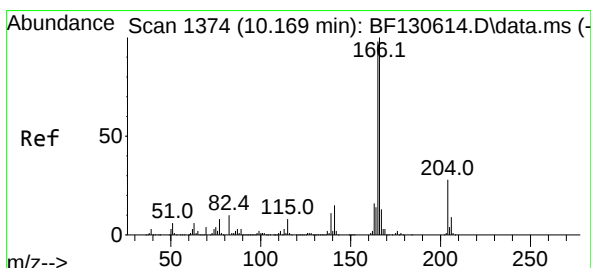
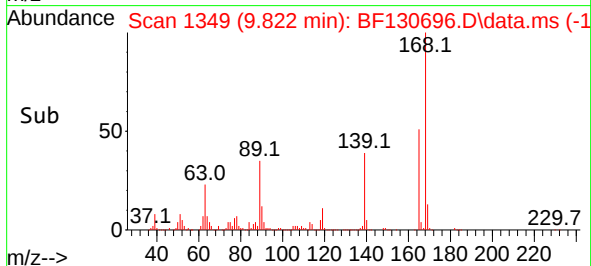
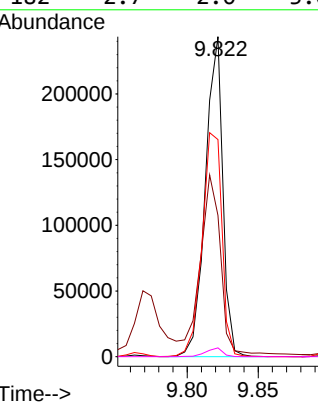
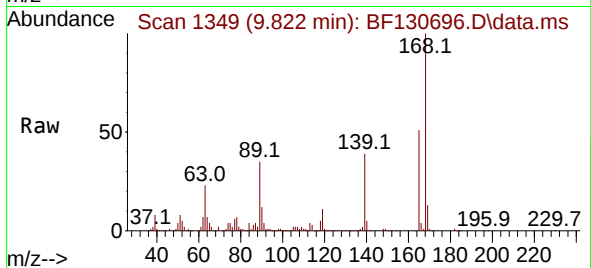
182 2.7 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#58

Fluorene

Concen: 41.071 ng

RT: 10.157 min Scan# 1406

Delta R.T. 0.000 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

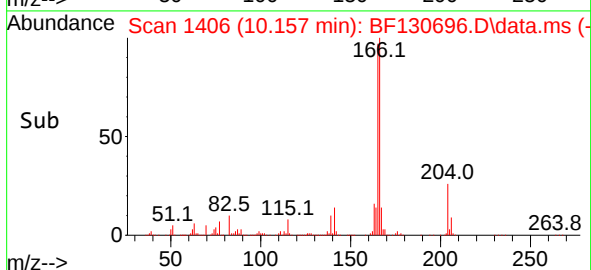
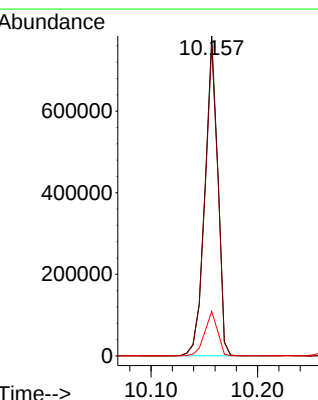
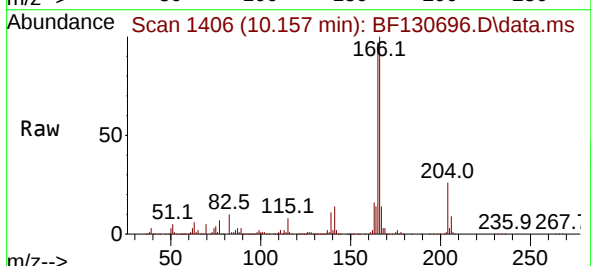
Tgt Ion:166 Resp: 654615

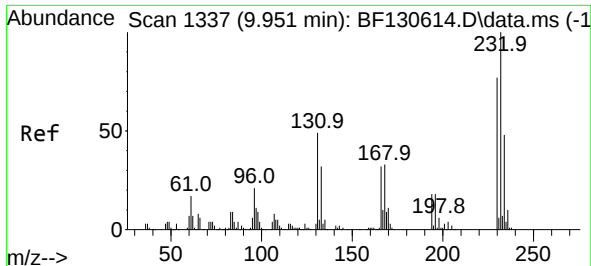
Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.4

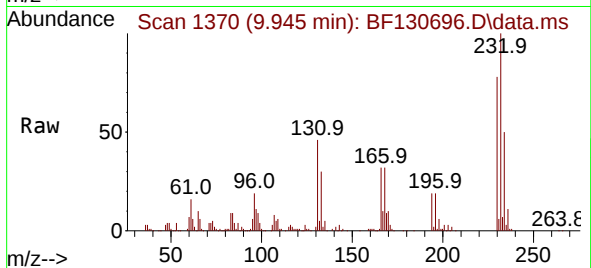
167 13.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.992 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

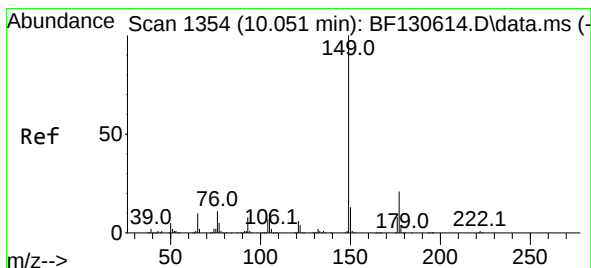
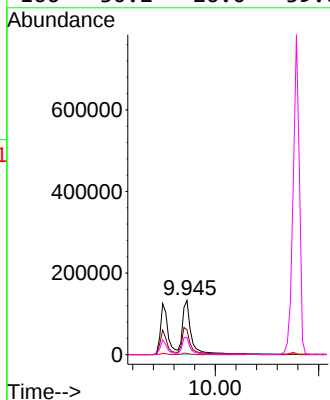
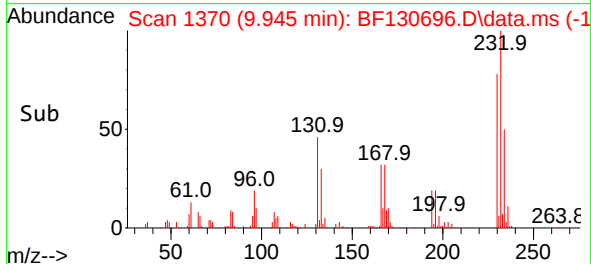
Instrument :
BNA_F
ClientSampleId :
PB148409BS



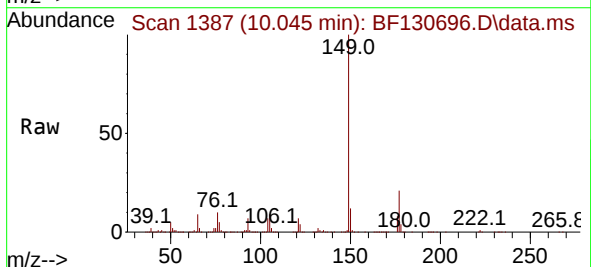
Tgt Ion:232 Resp: 154954
Ion Ratio Lower Upper
232 100
131 48.5 41.4 62.0
130 2.5 2.1 3.1
166 30.2 26.0 39.0

Manual Integrations
APPROVED

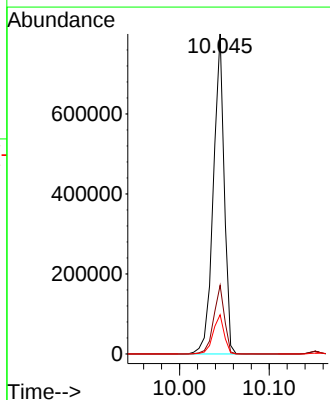
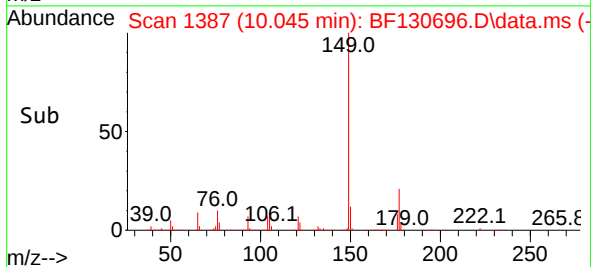
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

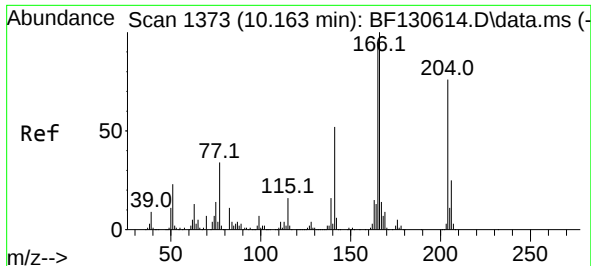


#60
Diethylphthalate
Concen: 41.030 ng
RT: 10.045 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



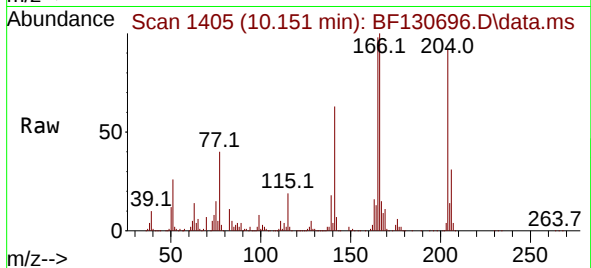
Tgt Ion:149 Resp: 670700
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.3 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 41.627 ng
RT: 10.151 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

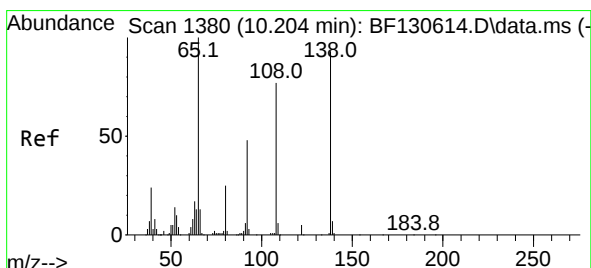
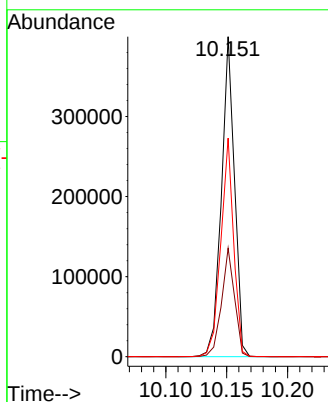
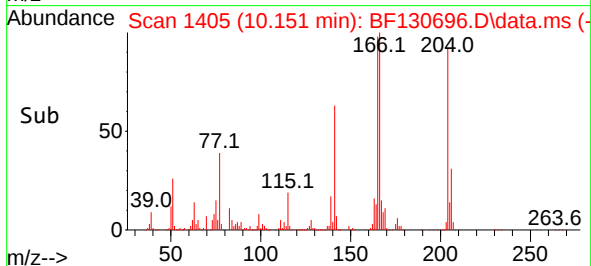
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion:204 Resp: 29995
Ion Ratio Lower Upper
204 100
206 33.9 26.1 39.1
141 68.3 54.6 81.8

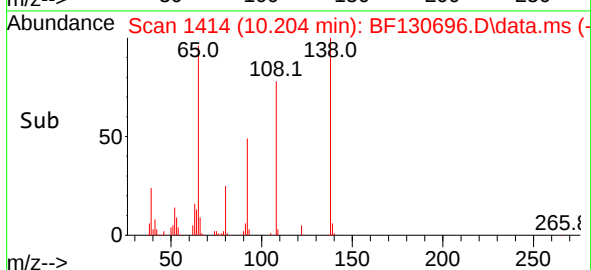
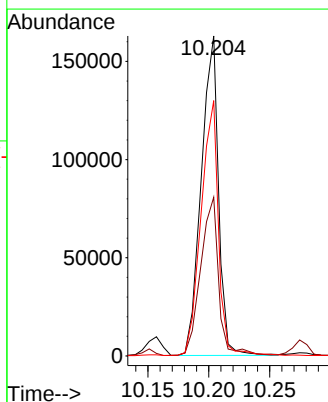
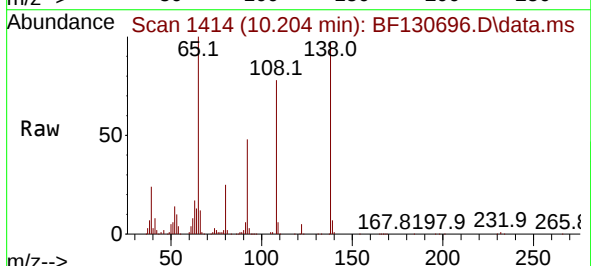
Manual Integrations
APPROVED

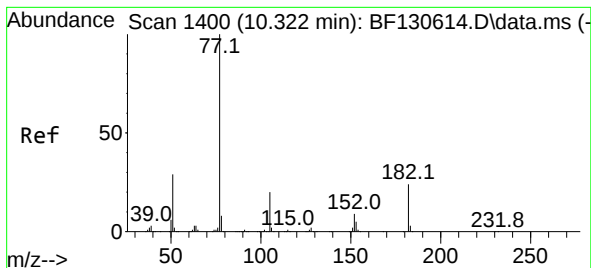
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#62
4-Nitroaniline
Concen: 42.594 ng
RT: 10.204 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Tgt Ion:138 Resp: 160207
Ion Ratio Lower Upper
138 100
92 49.6 31.1 71.1
108 79.8 62.1 102.1





#63

Azobenzene

Concen: 40.645 ng

RT: 10.310 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF130696.D

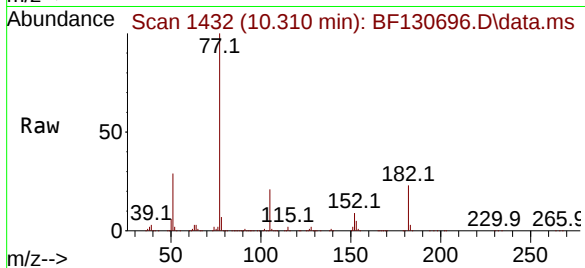
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS



Tgt Ion: 77 Resp: 625780

Ion Ratio Lower Upper

77 100

182 23.2 3.8 43.8

105 21.0 0.3 40.3

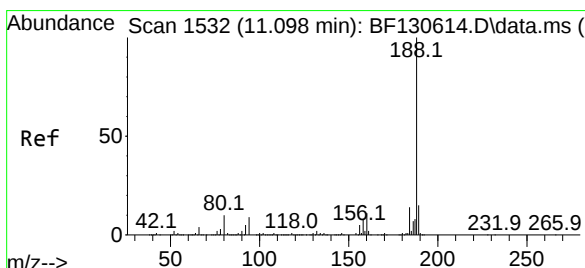
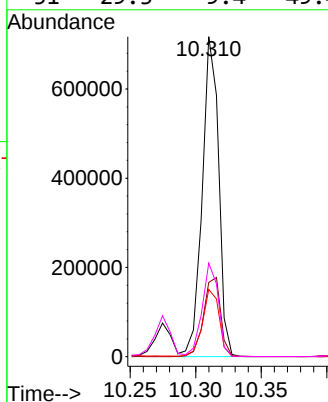
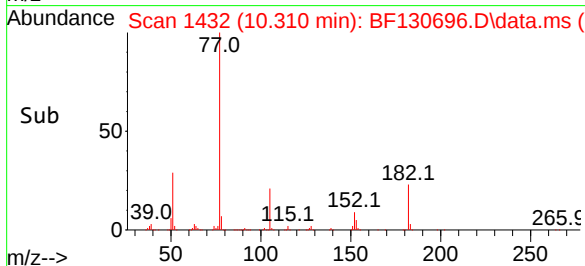
51 29.3 9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.092 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

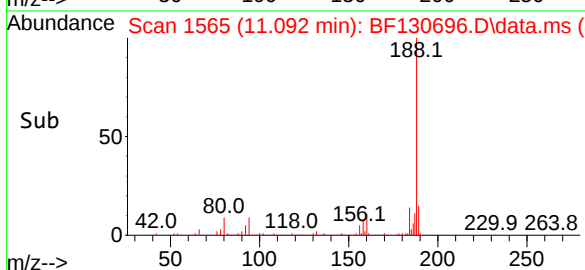
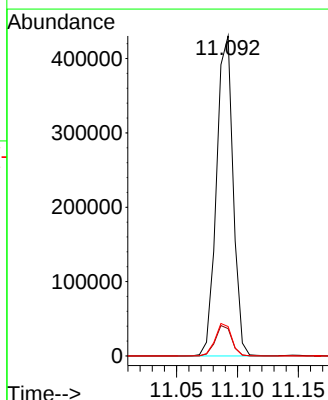
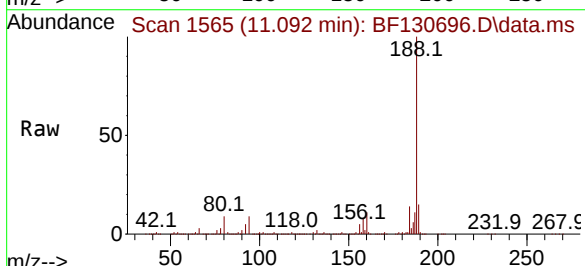
Tgt Ion:188 Resp: 409253

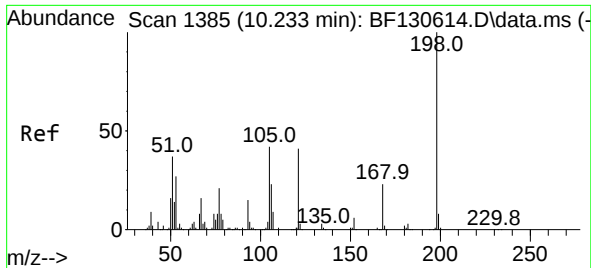
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.2 8.0 12.0





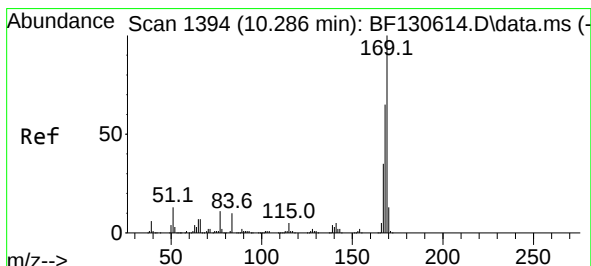
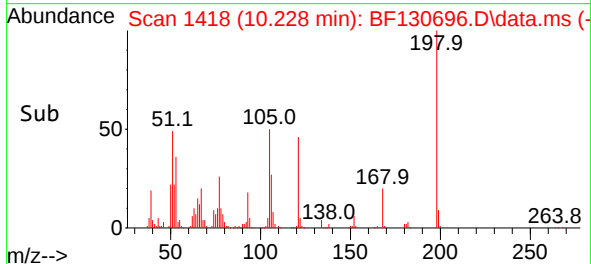
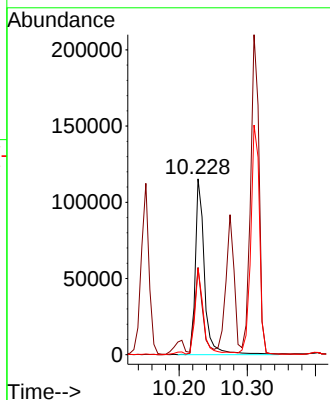
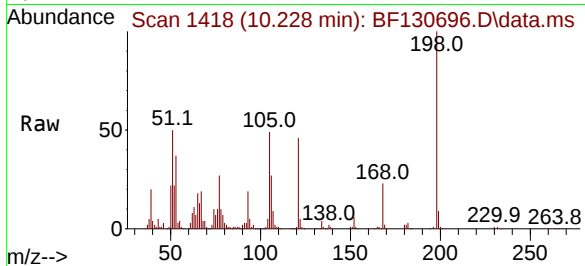
#65
4,6-Dinitro-2-methylphenol
Concen: 42.052 ng
RT: 10.228 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :
BNA_F
ClientSampleId :
PB148409BS

Tgt Ion:198 Resp: 107548
Ion Ratio Lower Upper
198 100
51 49.6 18.7 58.7
105 49.1 22.0 62.0

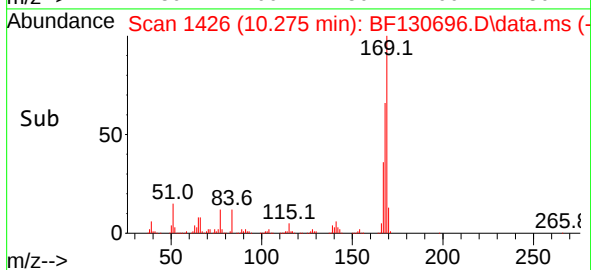
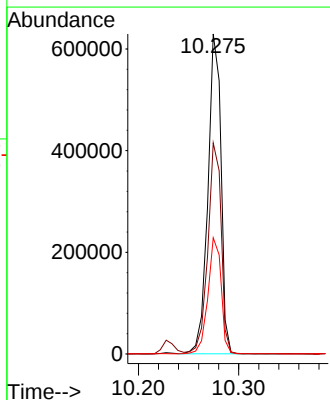
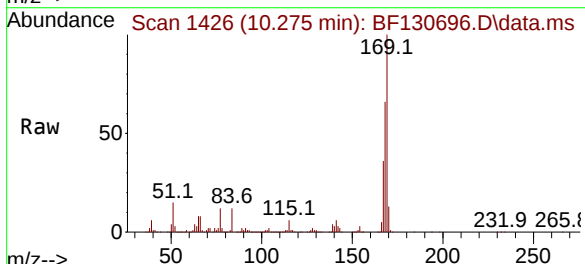
Manual Integrations
APPROVED

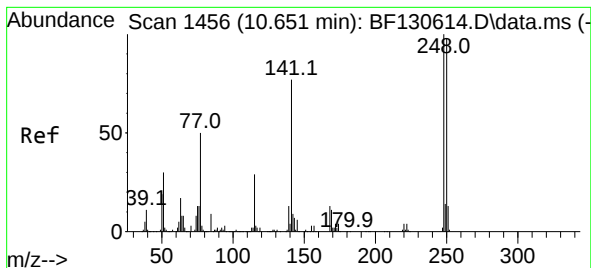
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#66
n-Nitrosodiphenylamine
Concen: 42.030 ng
RT: 10.275 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

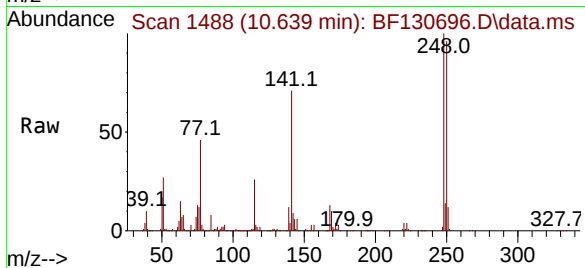
Tgt Ion:169 Resp: 572165
Ion Ratio Lower Upper
169 100
168 65.9 52.2 78.4
167 36.3 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 43.518 ng
RT: 10.639 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

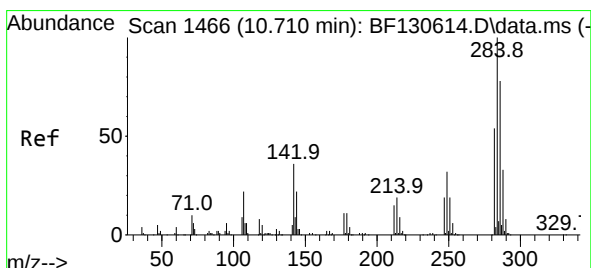
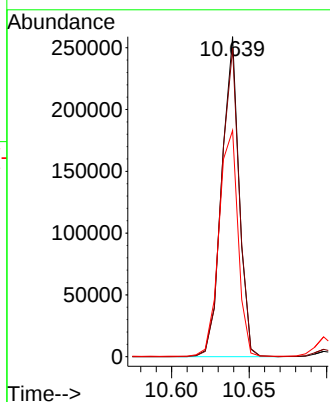
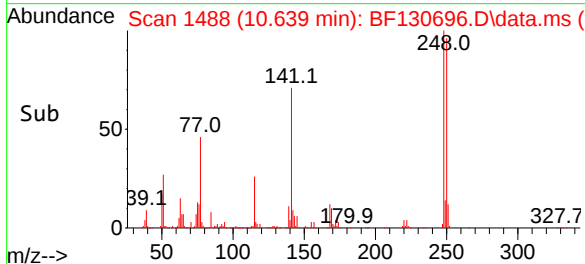
Instrument :
BNA_F
ClientSampleId :
PB148409BS



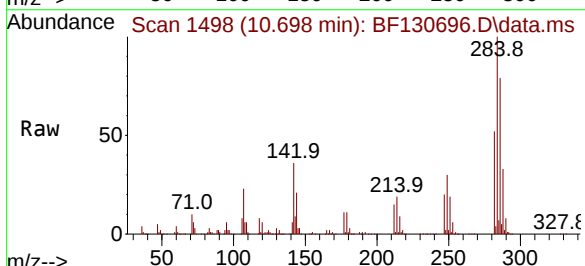
Tgt Ion:248 Resp: 20151
Ion Ratio Lower Upper
248 100
250 96.3 78.7 118.1
141 70.7 61.6 92.4

Manual Integrations
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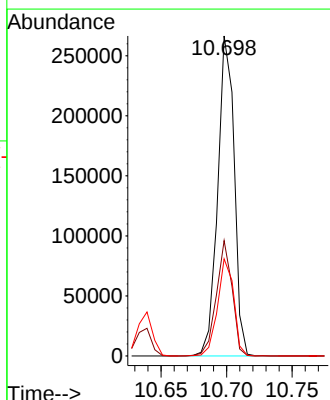
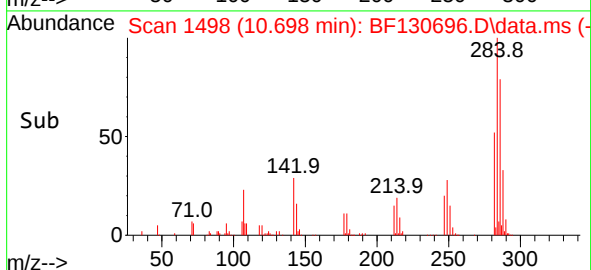
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

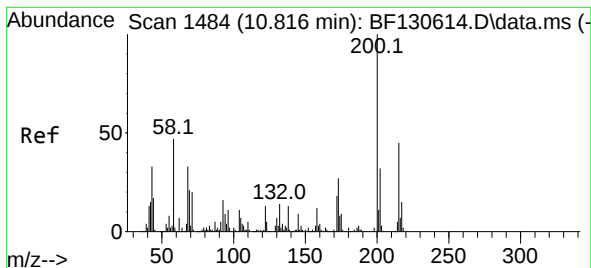


#68
Hexachlorobenzene
Concen: 44.321 ng
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:284 Resp: 232003
Ion Ratio Lower Upper
284 100
142 36.0 28.6 42.8
249 30.4 25.2 37.8





#69

Atrazine

Concen: 48.207 ng

RT: 10.810 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130696.D

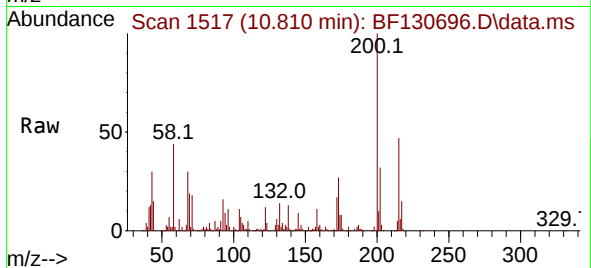
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS



Tgt Ion:200 Resp: 178704

Ion Ratio Lower Upper

200 100

173 26.6 7.1 47.1

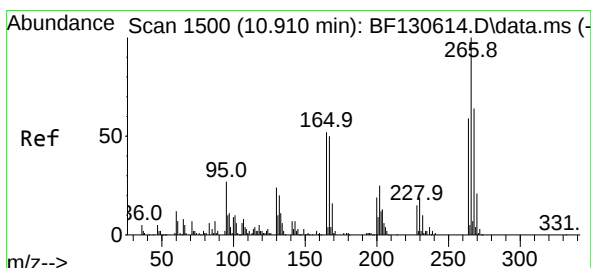
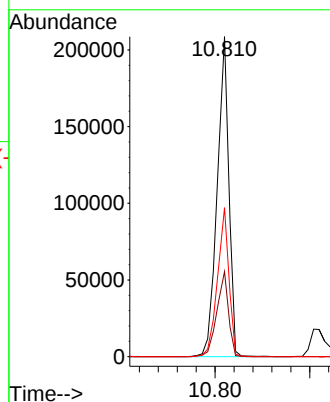
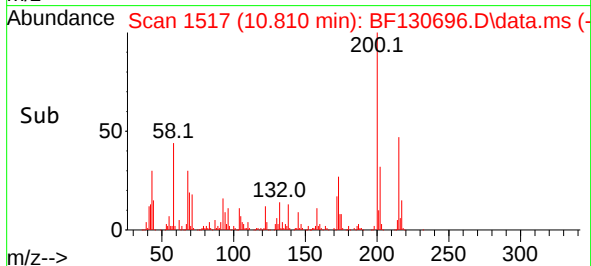
215 46.5 24.9 64.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#70

Pentachlorophenol

Concen: 72.818 ng

RT: 10.910 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF130696.D

Acq: 18 Oct 2022 13:37

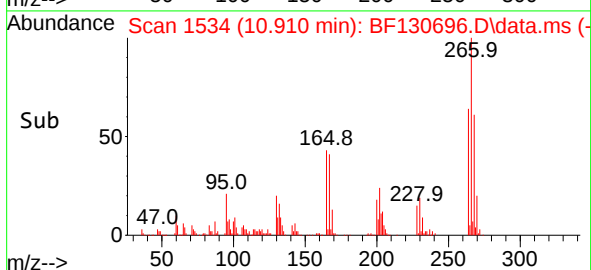
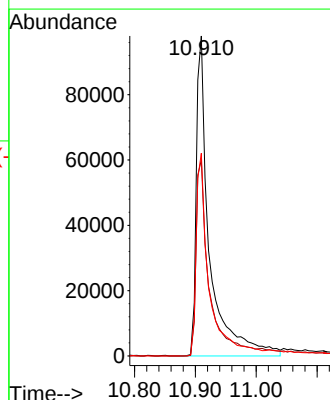
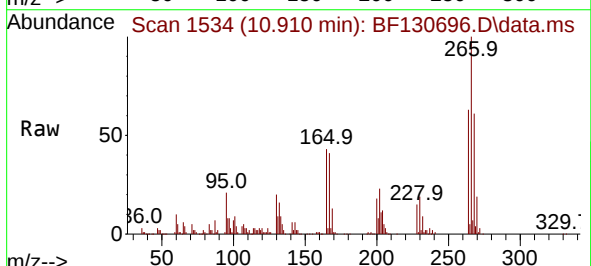
Tgt Ion:266 Resp: 148352

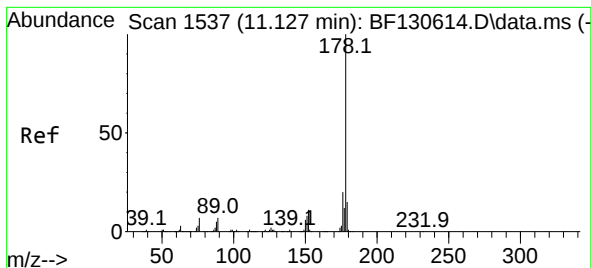
Ion Ratio Lower Upper

266 100

268 61.2 50.8 76.2

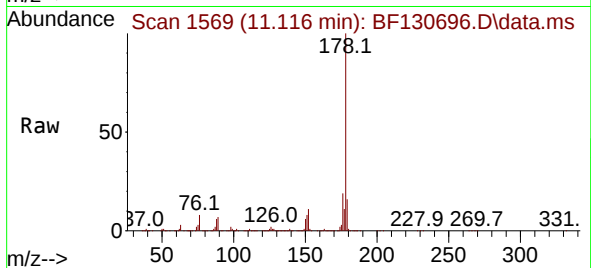
264 63.4 47.5 71.3





#71
Phenanthrene
Concen: 42.168 ng
RT: 11.116 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

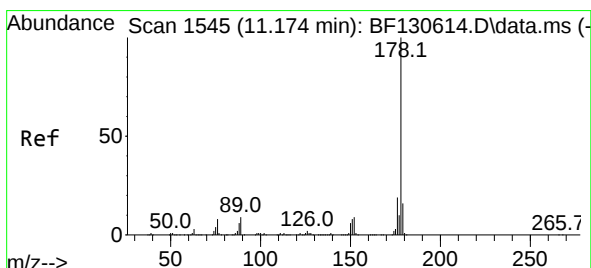
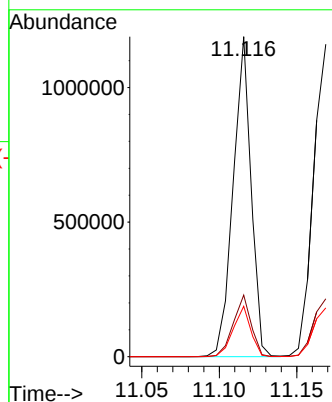
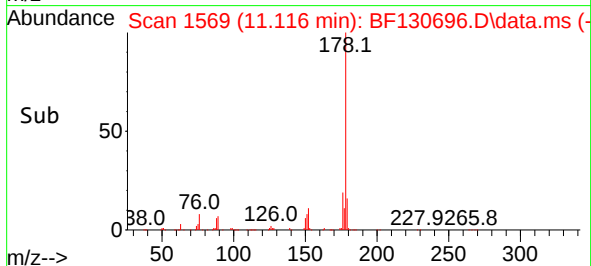
Instrument :
BNA_F
ClientSampleId :
PB148409BS



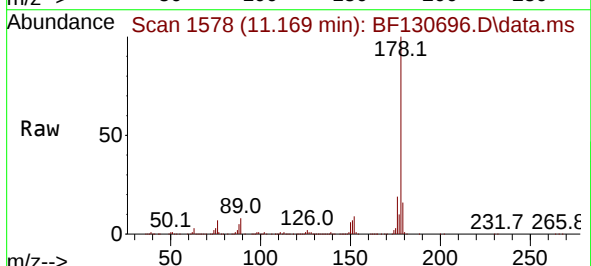
Tgt Ion:178 Resp: 95613
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 12.2 18.4

Manual Integrations
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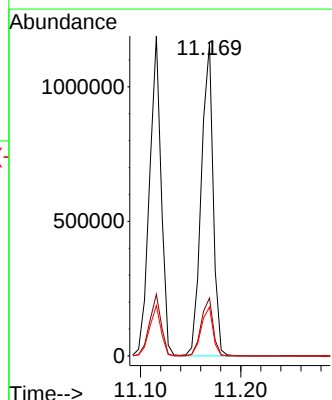
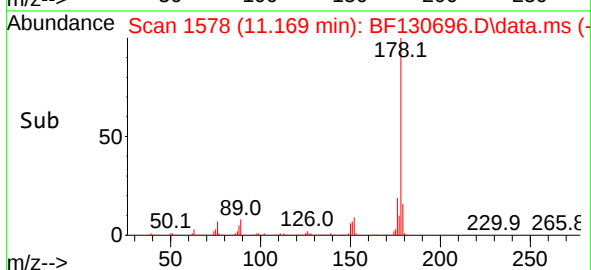
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

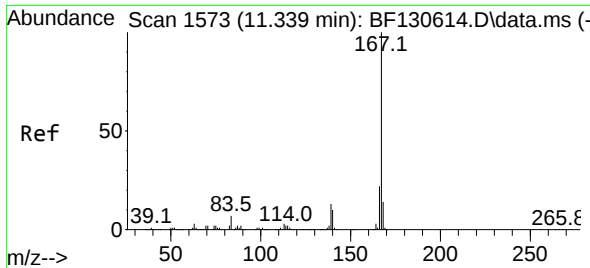


#72
Anthracene
Concen: 43.158 ng
RT: 11.169 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



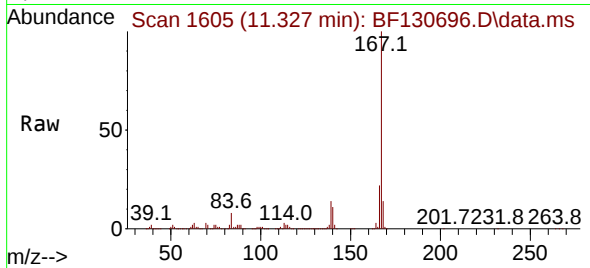
Tgt Ion:178 Resp: 955714
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 44.893 ng
 RT: 11.327 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF130696.D
 Acq: 18 Oct 2022 13:37

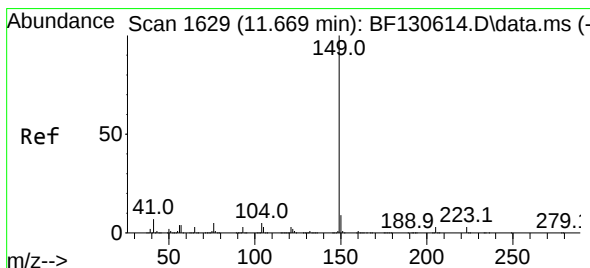
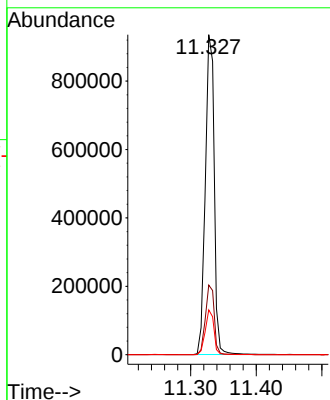
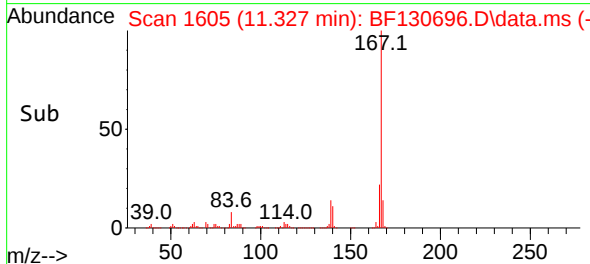
Instrument :
 BNA_F
 ClientSampleId :
 PB148409BS



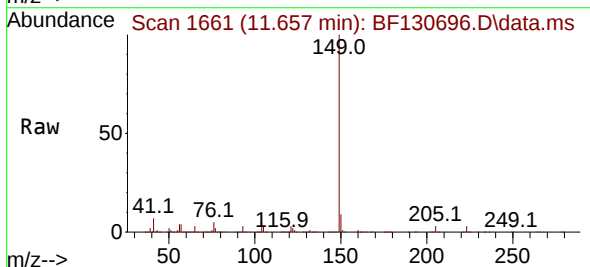
Tgt Ion:167 Resp: 887086
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 14.0 10.7 16.1

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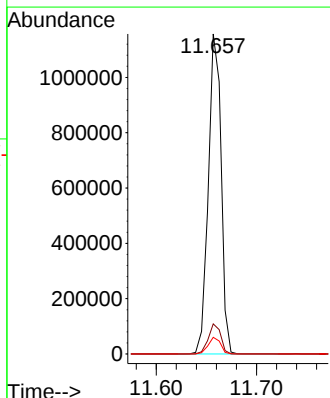
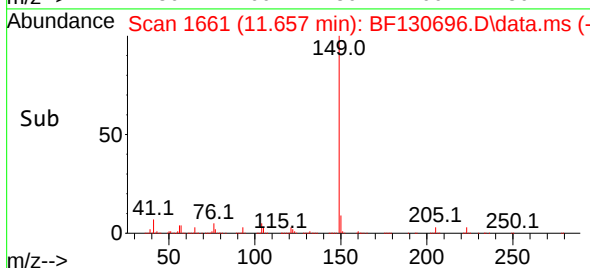
Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022

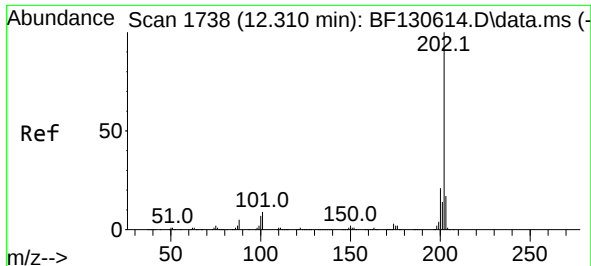


#74
 Di-n-butylphthalate
 Concen: 42.944 ng
 RT: 11.657 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: BF130696.D
 Acq: 18 Oct 2022 13:37



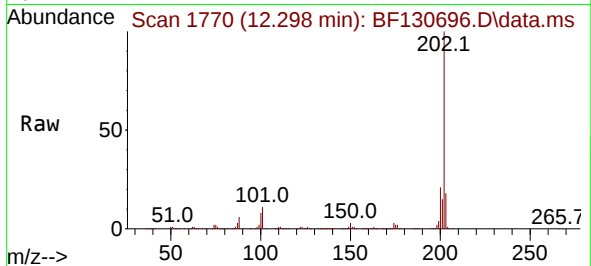
Tgt Ion:149 Resp: 1027885
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 45.042 ng
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

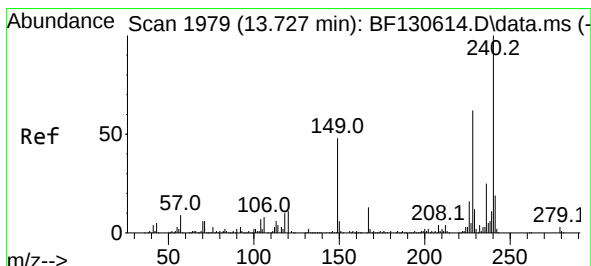
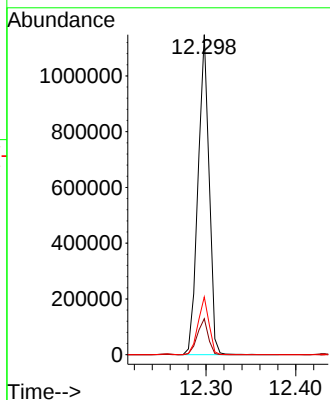
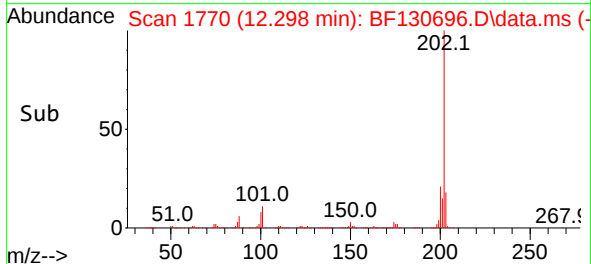
Instrument :
BNA_F
ClientSampleId :
PB148409BS



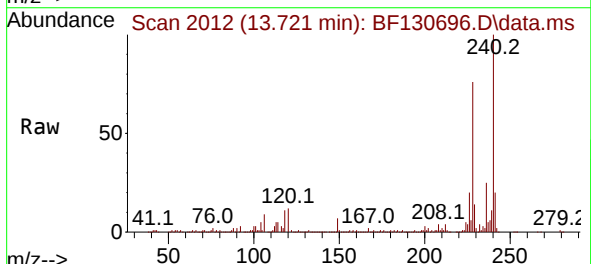
Tgt Ion:202 Resp: 98155
Ion Ratio Lower Upper
202 100
101 11.3 0.0 29.1
203 18.0 0.0 37.3

Manual Integrations
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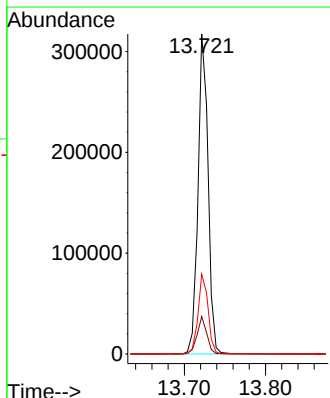
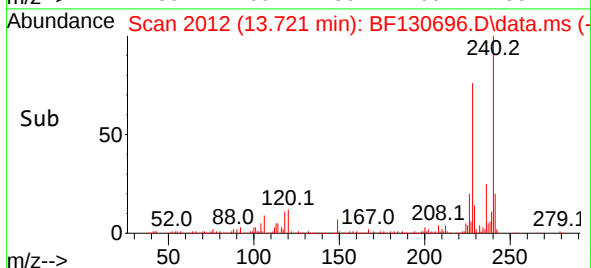
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

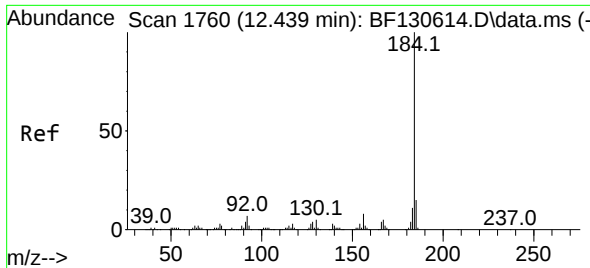


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



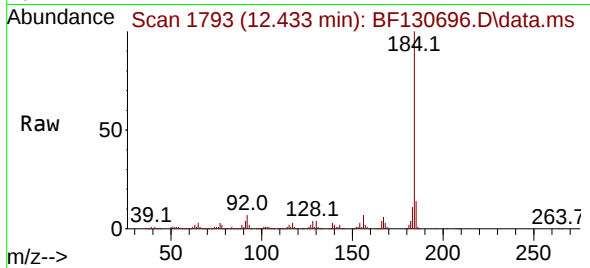
Tgt Ion:240 Resp: 274338
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 24.9 20.2 30.4





#77
Benzidine
Concen: 56.431 ng
RT: 12.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

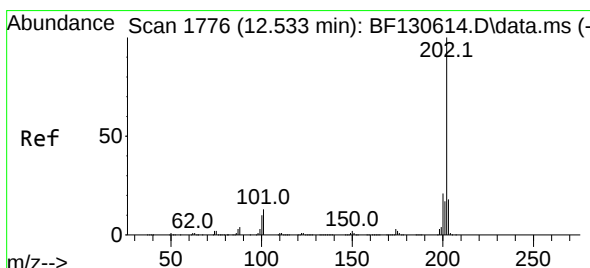
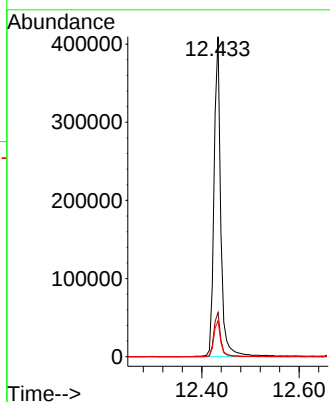
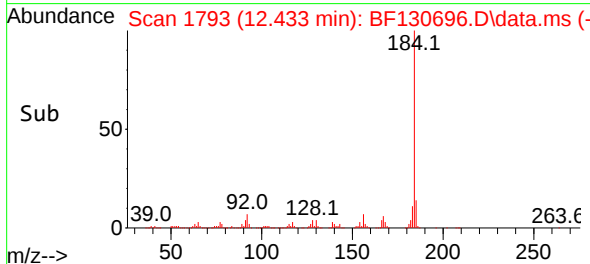
Instrument :
BNA_F
ClientSampleId :
PB148409BS



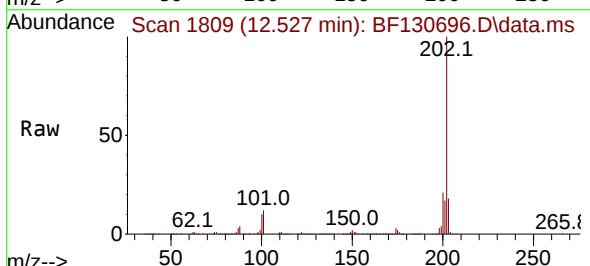
Tgt Ion:184 Resp: 391305
Ion Ratio Lower Upper
184 100
185 13.8 12.0 18.0
183 11.2 9.0 13.4

Manual Integrations
APPROVED

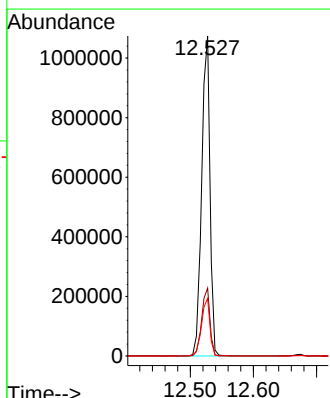
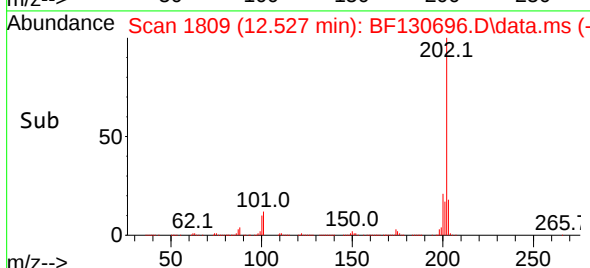
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

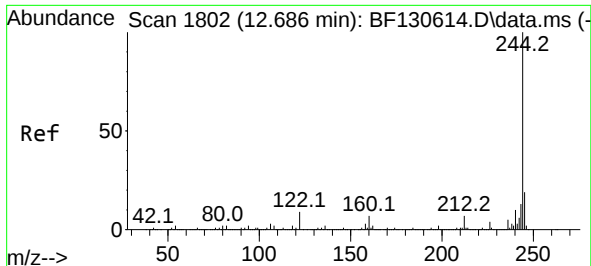


#78
Pyrene
Concen: 41.543 ng
RT: 12.527 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:202 Resp: 983204
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.0 14.0 21.0





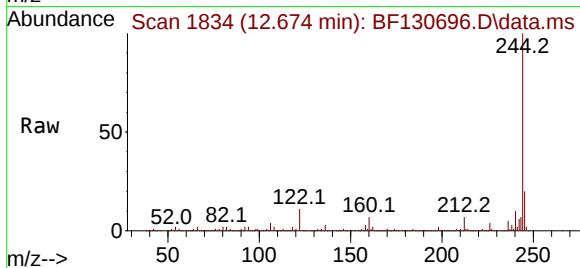
#79
 Terphenyl-d14
 Concen: 84.700 ng
 RT: 12.674 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130696.D
 Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

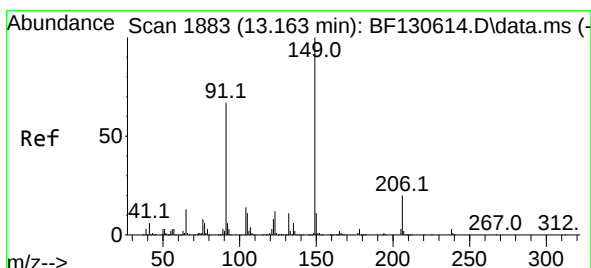
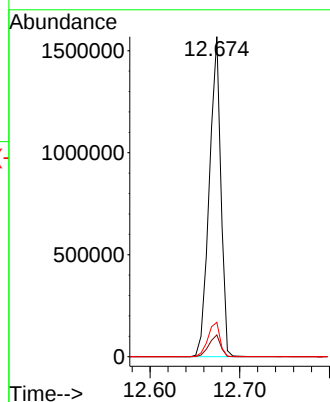
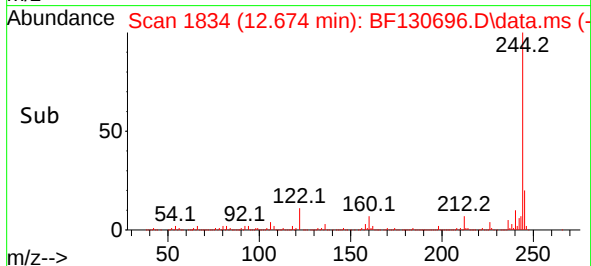


Tgt Ion:244 Resp: 1400000
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 7.5 11.3

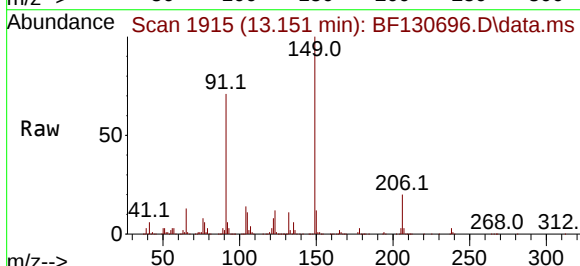
Manual Integrations

APPROVED

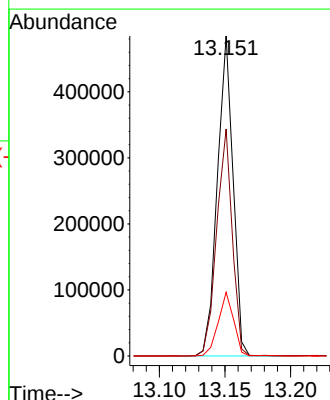
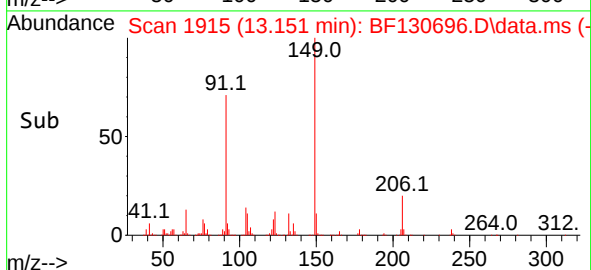
Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022

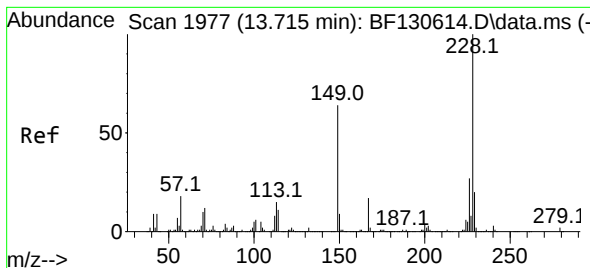


#80
 Butylbenzylphthalate
 Concen: 44.217 ng
 RT: 13.151 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BF130696.D
 Acq: 18 Oct 2022 13:37



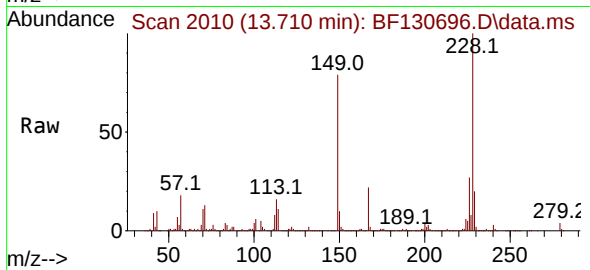
Tgt Ion:149 Resp: 402406
 Ion Ratio Lower Upper
 149 100
 91 70.9 53.8 80.8
 206 19.9 15.8 23.6





#81
Benzo(a)anthracene
Concen: 41.887 ng
RT: 13.710 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

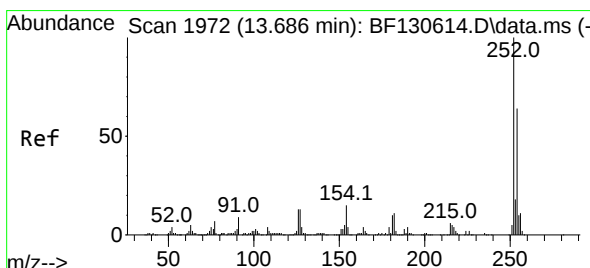
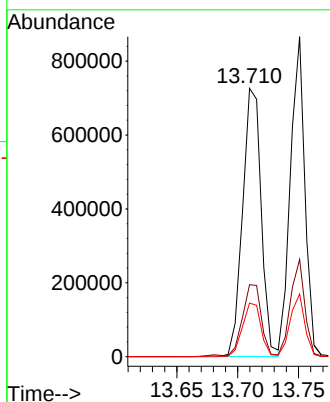
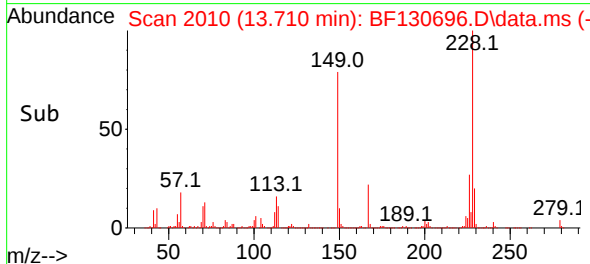
Instrument :
BNA_F
ClientSampleId :
PB148409BS



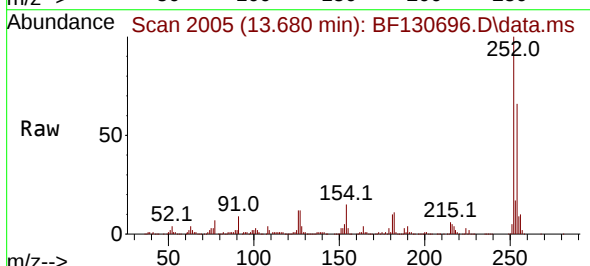
Tgt Ion:228 Resp: 774288
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 20.0 15.8 23.8

Manual Integrations
APPROVED

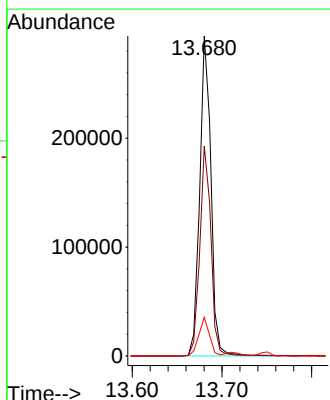
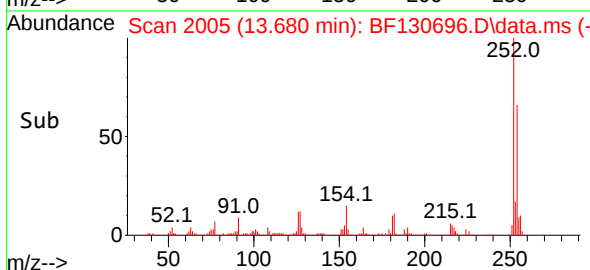
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

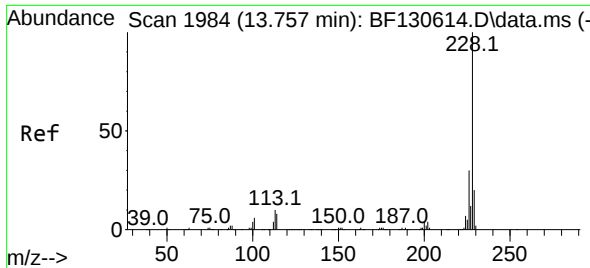


#82
3,3'-Dichlorobenzidine
Concen: 47.698 ng
RT: 13.680 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



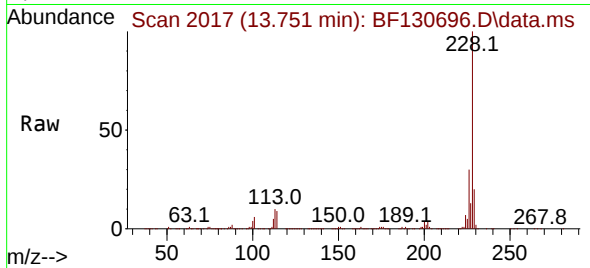
Tgt Ion:252 Resp: 254788
Ion Ratio Lower Upper
252 100
254 65.5 50.9 76.3
126 12.1 10.2 15.4





#83
Chrysene
Concen: 40.752 ng
RT: 13.751 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

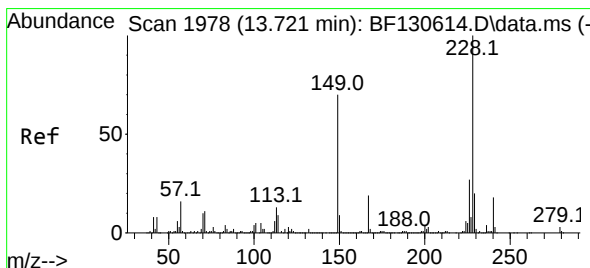
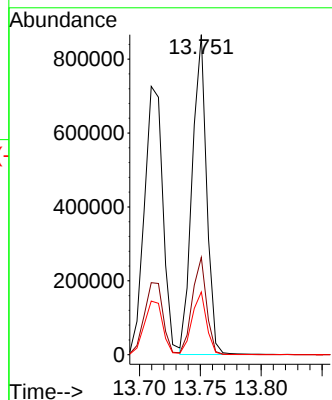
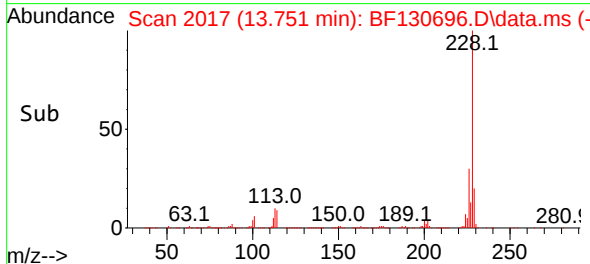
Instrument :
BNA_F
ClientSampleId :
PB148409BS



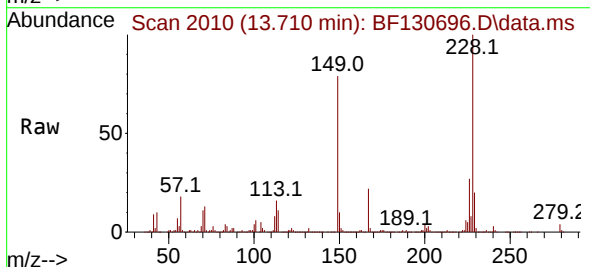
Tgt Ion:228 Resp: 71424
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 19.6 15.9 23.9

Manual Integrations
APPROVED

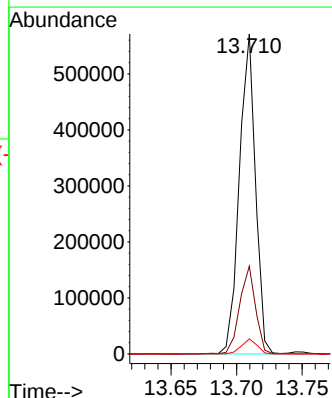
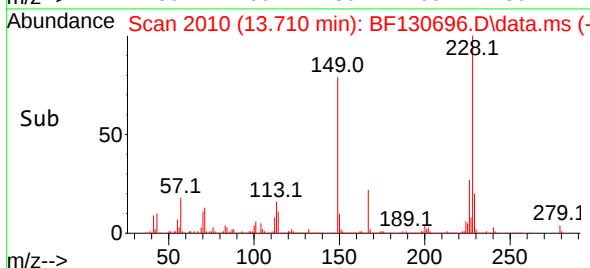
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

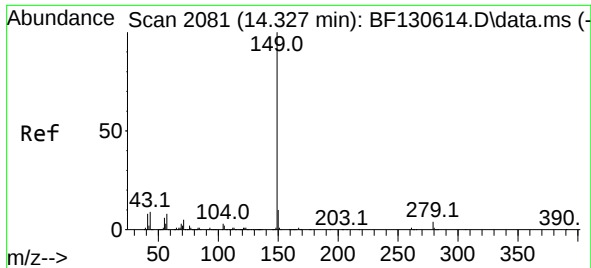


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.362 ng
RT: 13.710 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



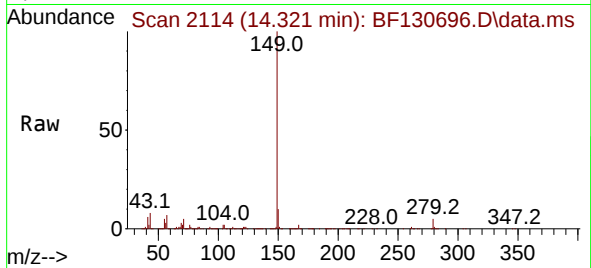
Tgt Ion:149 Resp: 489450
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 40.939 ng
RT: 14.321 min Scan# 2114
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

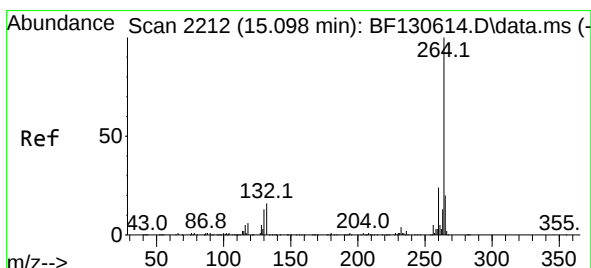
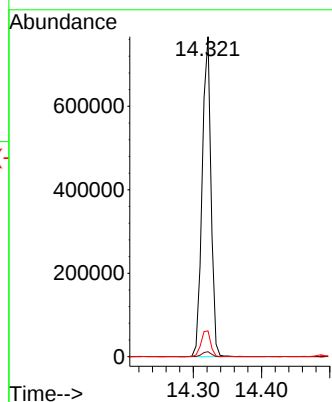
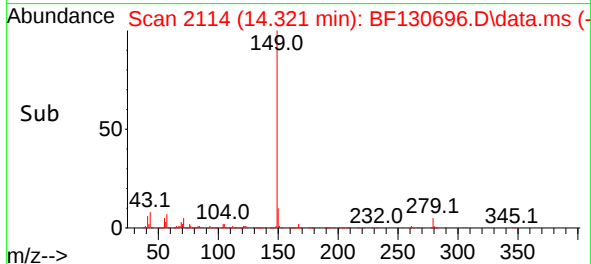
Instrument :
BNA_F
ClientSampleId :
PB148409BS



Tgt Ion:149 Resp: 691759
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.7 7.2 10.8

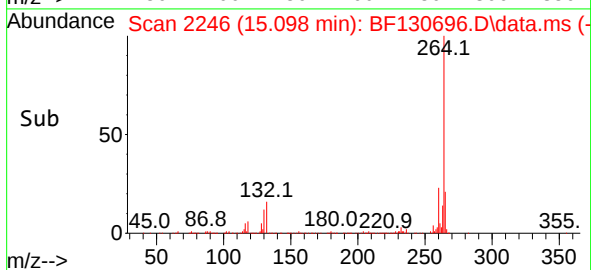
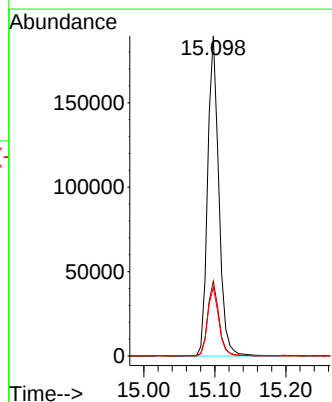
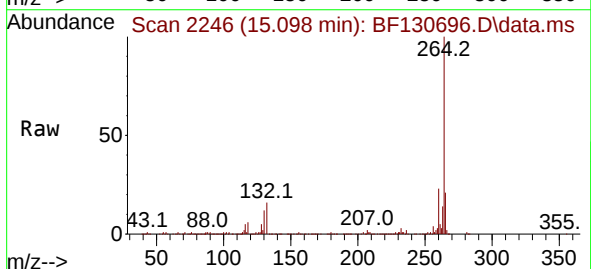
Manual Integrations
APPROVED

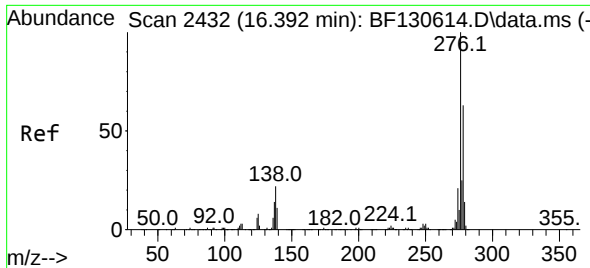
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.098 min Scan# 2246
Delta R.T. 0.012 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

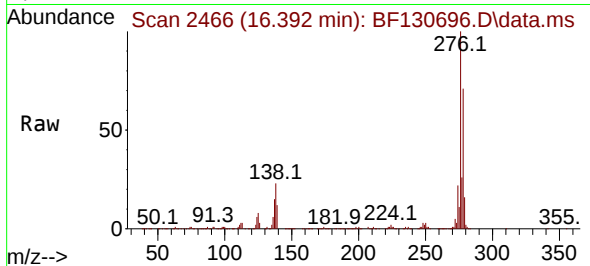
Tgt Ion:264 Resp: 207614
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.4 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.097 ng
RT: 16.392 min Scan# 2432
Delta R.T. 0.012 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

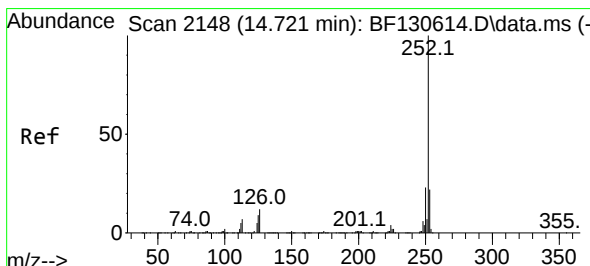
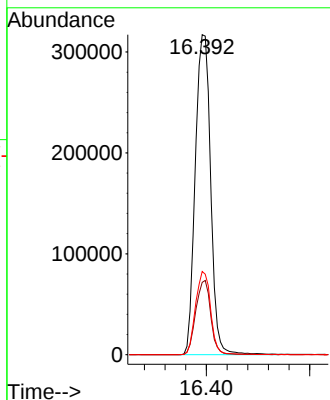
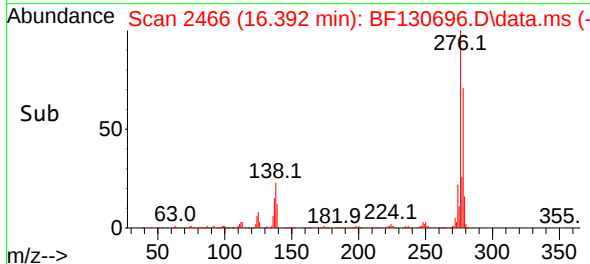
Instrument :
BNA_F
ClientSampleId :
PB148409BS



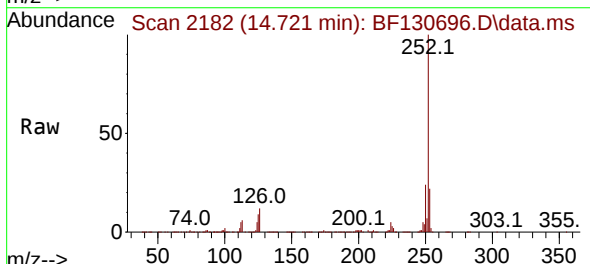
Tgt Ion:276 Resp: 65414
Ion Ratio Lower Upper
276 100
138 22.6 18.0 27.0
277 25.4 20.0 30.0

Manual Integrations
APPROVED

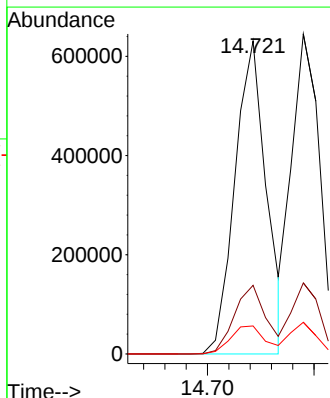
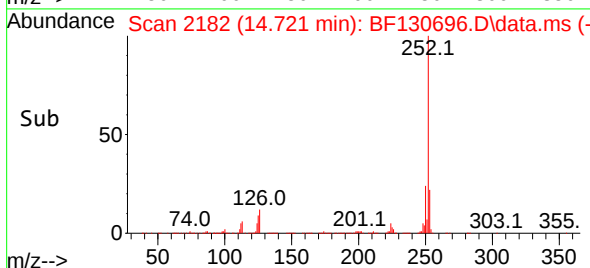
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

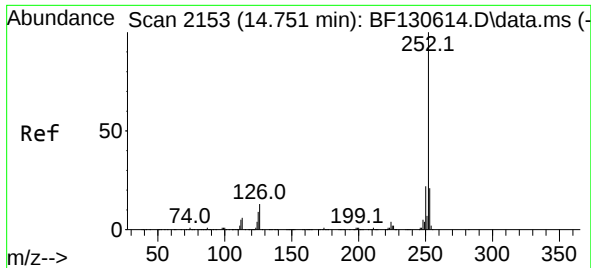


#88
Benzo(b)fluoranthene
Concen: 49.333 ng
RT: 14.721 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:252 Resp: 648560
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.9 7.4 11.0





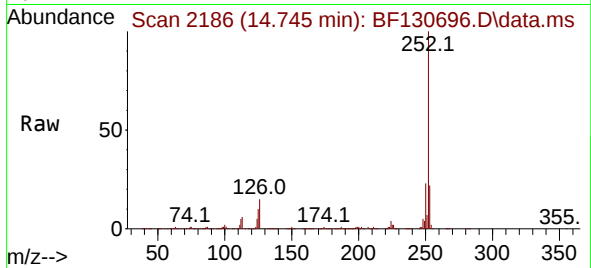
#89
Benzo(k)fluoranthene
Concen: 44.871 ng
RT: 14.745 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

Instrument :

BNA_F

ClientSampleId :

PB148409BS

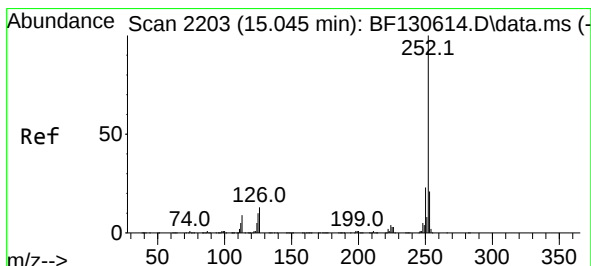
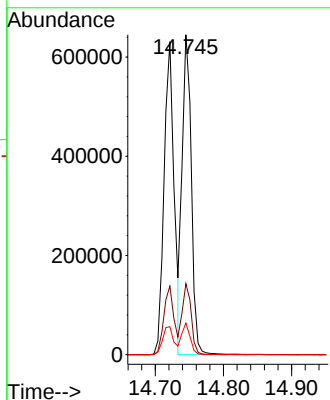
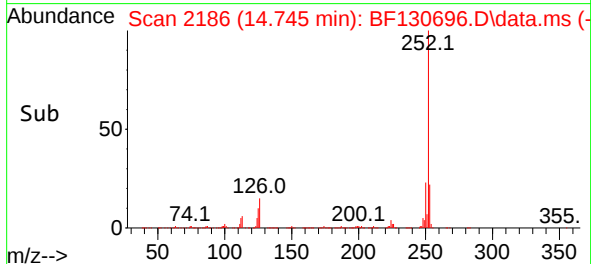


Tgt Ion:252 Resp: 600648
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 9.9 7.2 10.8

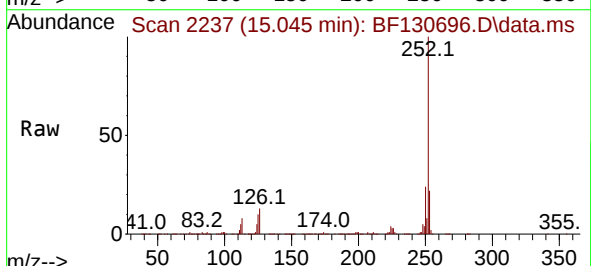
Manual Integrations

APPROVED

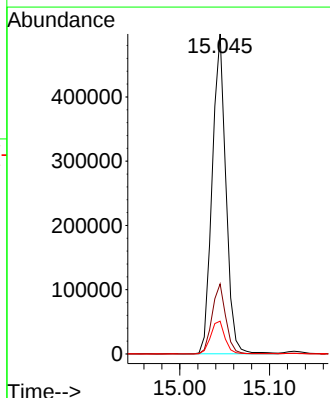
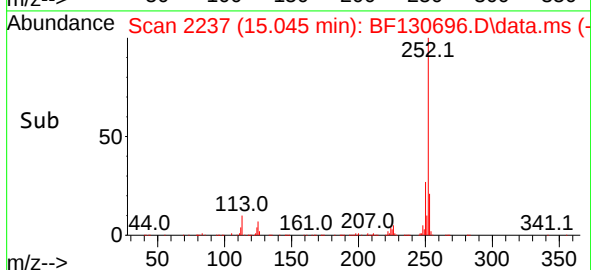
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

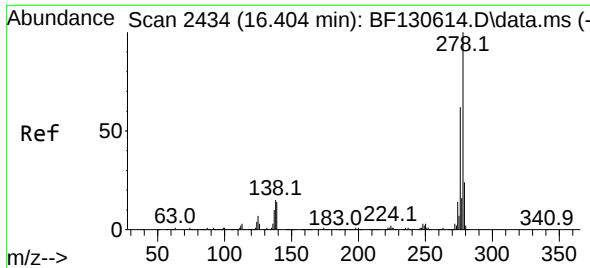


#90
Benzo(a)pyrene
Concen: 48.244 ng
RT: 15.045 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



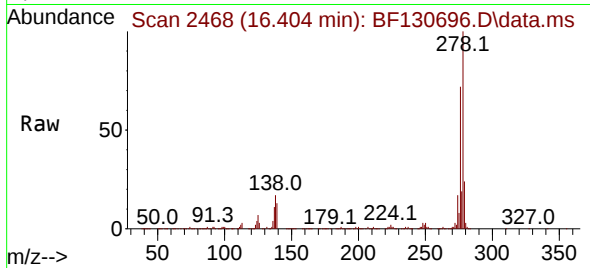
Tgt Ion:252 Resp: 527870
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 10.3 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 44.361 ng
RT: 16.404 min Scan# 2434
Delta R.T. 0.012 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37

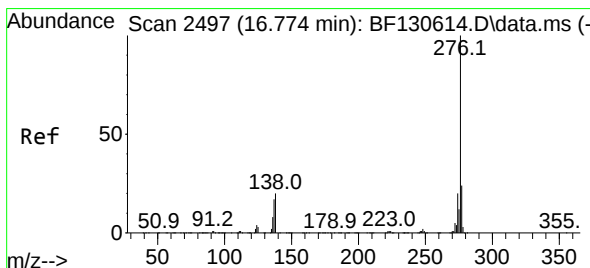
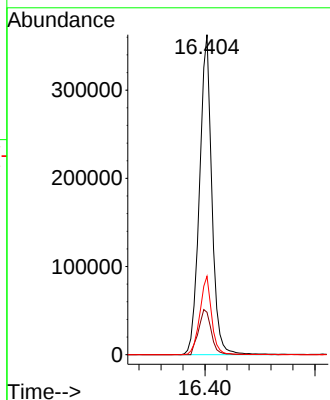
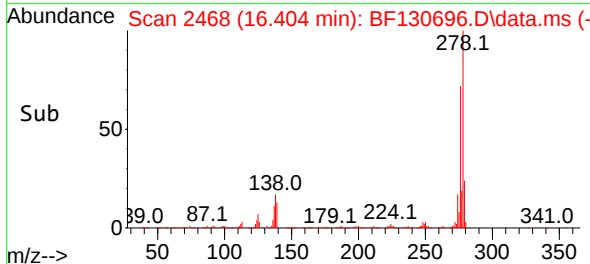
Instrument :
BNA_F
ClientSampleId :
PB148409BS



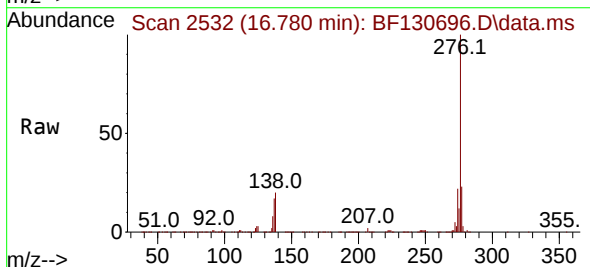
Tgt Ion:278 Resp: 565040
Ion Ratio Lower Upper
278 100
139 13.3 11.1 16.7
279 24.5 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#92
Benzo(g,h,i)perylene
Concen: 47.899 ng
RT: 16.780 min Scan# 2532
Delta R.T. 0.012 min
Lab File: BF130696.D
Acq: 18 Oct 2022 13:37



Tgt Ion:276 Resp: 568239
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 19.8 15.9 23.9

