

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130705.D
 Acq On : 18 Oct 2022 18:52
 Operator : CG\JU
 Sample : N5172-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MS

Quant Time: Oct 19 02:40:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	58230	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	194208	20.000	ng	0.00
39) Acenaphthene-d10	9.610	164	91388	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	166763	20.000	ng	0.00
76) Chrysene-d12	13.745	240	140729	20.000	ng	0.02
86) Perylene-d12	15.115	264	102988	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	385148	119.225	ng	0.02
7) Phenol-d6	6.234	99	429501	105.748	ng	0.00
23) Nitrobenzene-d5	7.151	82	262502	73.788	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	113366	126.776	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	442312	73.313	ng	0.00
79) Terphenyl-d14	12.686	244	588418	69.397	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.169	88	64195	32.847	ng	97
3) Pyridine	2.834	79	158376	45.303	ng	96
4) n-Nitrosodimethylamine	2.793	42	80839	49.078	ng	93
6) Aniline	6.239	93	162242	33.365	ng	94
8) 2-Chlorophenol	6.369	128	167324	44.044	ng	94
9) Benzaldehyde	6.128	77	79771	31.261	ng	96
10) Phenol	6.245	94	196977	41.915	ng	99
11) bis(2-Chloroethyl)ether	6.322	93	161078	47.186	ng	97
12) 1,3-Dichlorobenzene	6.516	146	188649	45.353	ng	98
13) 1,4-Dichlorobenzene	6.592	146	192032	45.507	ng	99
14) 1,2-Dichlorobenzene	6.745	146	178396	45.393	ng	97
15) Benzyl Alcohol	6.734	79	131378	45.054	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.863	45	184132	41.926	ng	# 49
17) 2-Methylphenol	6.857	107	126186	41.757	ng	92
18) Hexachloroethane	7.081	117	66296	41.528	ng	96
19) n-Nitroso-di-n-propyla...	7.004	70	110606	42.209	ng	95
20) 3+4-Methylphenols	7.016	107	162664	40.170	ng	# 79
22) Acetophenone	6.998	105	235174	50.480	ng	# 93
24) Nitrobenzene	7.169	77	157918	44.140	ng	97
25) Isophorone	7.410	82	277062	46.793	ng	99
26) 2-Nitrophenol	7.486	139	80814	46.061	ng	97
27) 2,4-Dimethylphenol	7.539	122	130955	53.553	ng	97
28) bis(2-Chloroethoxy)met...	7.622	93	167212	48.773	ng	99
29) 2,4-Dichlorophenol	7.739	162	116356	42.529	ng	97
30) 1,2,4-Trichlorobenzene	7.804	180	129575	43.931	ng	97
31) Naphthalene	7.886	128	1744844	173.563	ng	99
32) Benzoic acid	7.681	122	67165	43.416	ng	95
33) 4-Chloroaniline	7.945	127	103925	26.686	ng	98
34) Hexachlorobutadiene	7.998	225	85235	46.560	ng	98
35) Caprolactam	8.316	113	36446	44.276	ng	98
36) 4-Chloro-3-methylphenol	8.439	107	113751	38.330	ng	94
37) 2-Methylnaphthalene	8.575	142	833518	131.752	ng	99
38) 1-Methylnaphthalene	8.675	142	683920	111.360	ng	100
40) 1,2,4,5-Tetrachloroben...	8.739	216	117010	47.192	ng	99
41) Hexachlorocyclopentadiene	8.722	237	5171	14.738	ng	94
43) 2,4,6-Trichlorophenol	8.863	196	72730	43.687	ng	99

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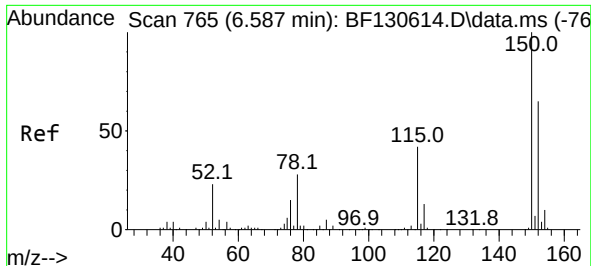
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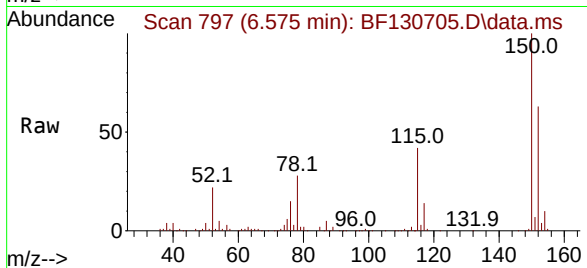
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	78819	43.051	ng	98
46) 1,1'-Biphenyl	9.033	154	432691	65.331	ng	99
47) 2-Chloronaphthalene	9.057	162	235621	43.529	ng	98
48) 2-Nitroaniline	9.169	65	70603	43.329	ng	92
49) Acenaphthylene	9.475	152	584950	72.123	ng	99
50) Dimethylphthalate	9.339	163	273382	43.215	ng	98
51) 2,6-Dinitrotoluene	9.410	165	58360	42.056	ng	95
52) Acenaphthene	9.645	154	402321	81.875	ng	99
53) 3-Nitroaniline	9.580	138	53392	35.100	ng	96
54) 2,4-Dinitrophenol	9.716	184	10870	19.390	ng	# 19
55) Dibenzofuran	9.816	168	820130	109.559	ng	98
56) 4-Nitrophenol	9.775	139	73800	87.992	ng	98
57) 2,4-Dinitrotoluene	9.822	165	82603	46.316	ng	# 89
58) Fluorene	10.163	166	1129977	183.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	61316	42.008	ng	# 75
60) Diethylphthalate	10.039	149	264560	41.915	ng	99
61) 4-Chlorophenyl-phenyle...	10.151	204	119930	43.104	ng	96
62) 4-Nitroaniline	10.192	138	56750	39.076	ng	96
63) Azobenzene	10.310	77	236909	39.850	ng	# 72
65) 4,6-Dinitro-2-methylph...	10.239	198	10836m	10.398	ng	
66) n-Nitrosodiphenylamine	10.275	169	233659m	42.122	ng	
67) 4-Bromophenyl-phenylether	10.639	248	80258	42.534	ng	98
68) Hexachlorobenzene	10.710	284	94309	44.214	ng	96
69) Atrazine	10.816	200	77227	51.126	ng	97
70) Pentachlorophenol	10.922	266	79930	96.282	ng	97
71) Phenanthrene	11.139	178	4877080	527.865	ng	97
72) Anthracene	11.180	178	1266607	140.368	ng	99
73) Carbazole	11.339	167	811518	100.788	ng	100
74) Di-n-butylphthalate	11.663	149	465218	47.698	ng	99
75) Fluoranthene	12.333	202	4127814	464.851	ng	96
77) Benzidine	12.457	184	131413	36.944	ng	97
78) Pyrene	12.563	202	3826708	315.195	ng	97
80) Butylbenzylphthalate	13.163	149	231820	49.657	ng	98
81) Benzo(a)anthracene	13.733	228	1950854	205.732	ng	96
82) 3,3'-Dichlorobenzidine	13.698	252	112917	41.208	ng	100
83) Chrysene	13.774	228	1565067	174.077	ng	97
84) Bis(2-ethylhexyl)phtha...	13.721	149	330122	58.328	ng	99
85) Di-n-octyl phthalate	14.327	149	483283	55.756	ng	97
87) Indeno(1,2,3-cd)pyrene	16.427	276	705846	91.570	ng	96
88) Benzo(b)fluoranthene	14.745	252	1422156	218.075	ng	96
89) Benzo(k)fluoranthene	14.768	252	656465m	98.861	ng	
90) Benzo(a)pyrene	15.074	252	1094934	201.732	ng	97
91) Dibenzo(a,h)anthracene	16.433	278	352386	55.771	ng	97
92) Benzo(g,h,i)perylene	16.821	276	660092	112.167	ng	97

(#) = 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: BF130705.D
Acq: 18 Oct 2022 18:52

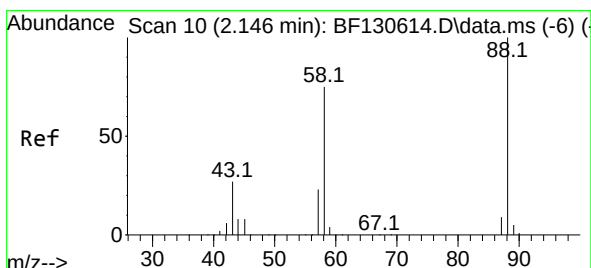
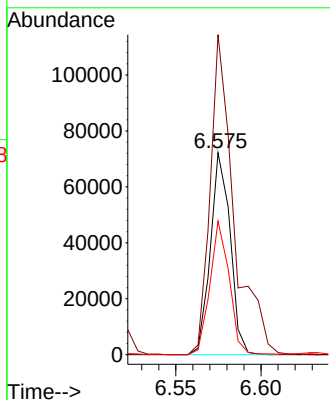
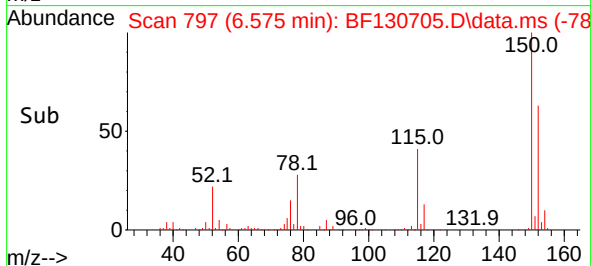
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:152 Resp: 58230
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 66.1 52.2 78.4

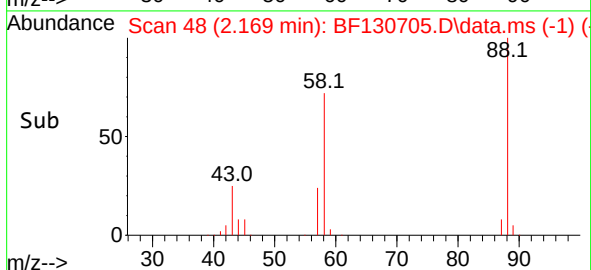
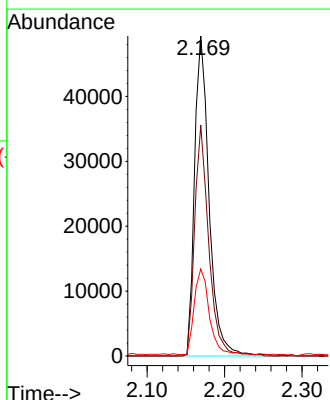
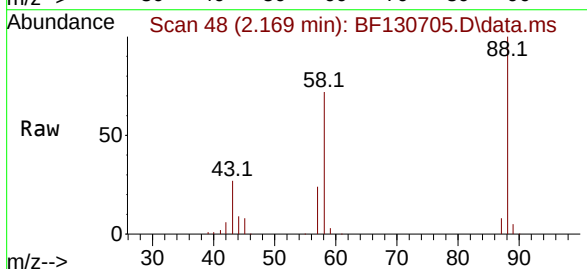
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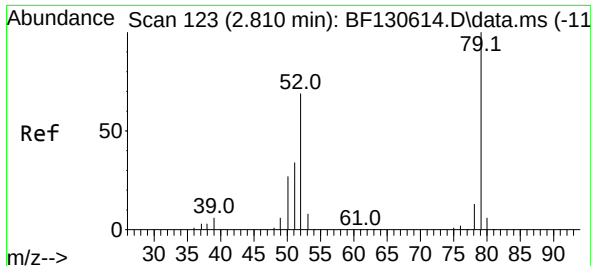
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#2
1,4-Dioxane
Concen: 32.847 ng
RT: 2.169 min Scan# 48
Delta R.T. 0.035 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

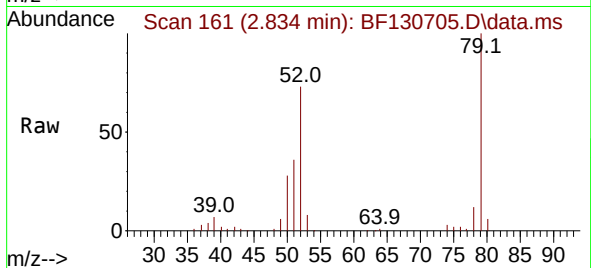
Tgt Ion: 88 Resp: 64195
Ion Ratio Lower Upper
88 100
58 69.9 58.8 88.2
43 28.0 22.2 33.4





#3
Pyridine
Concen: 45.303 ng
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

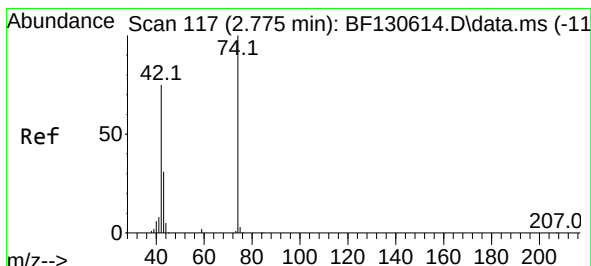
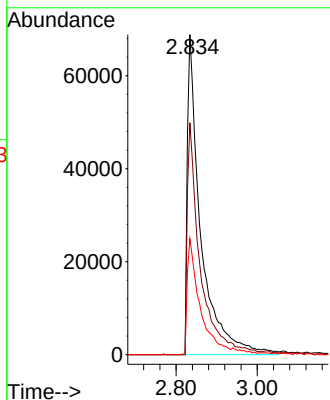
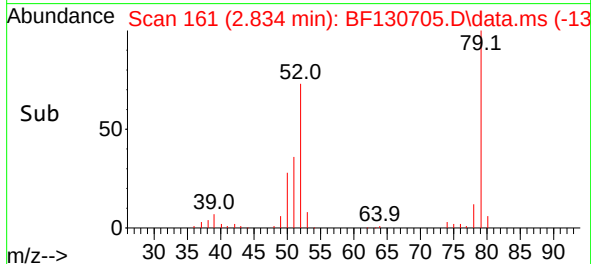
Instrument :
BNA_F
ClientSampleId :
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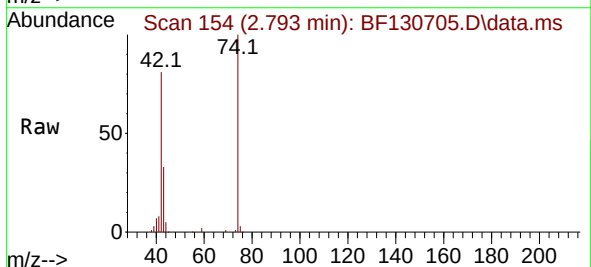
Tgt Ion: 79 Resp: 158370
Ion Ratio Lower Upper
79 100
52 72.5 54.8 82.2
51 36.3 27.4 41.2

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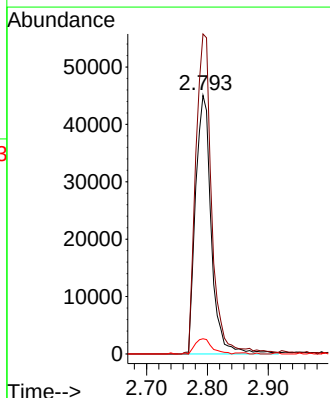
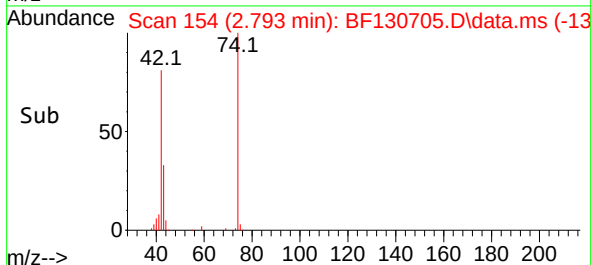
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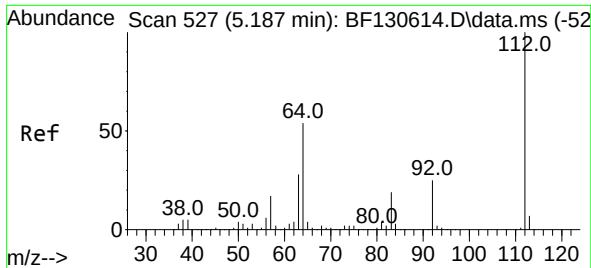


#4
n-Nitrosodimethylamine
Concen: 49.078 ng
RT: 2.793 min Scan# 154
Delta R.T. 0.035 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion: 42 Resp: 80839
Ion Ratio Lower Upper
42 100
74 123.7 106.2 159.2
44 5.9 5.0 7.4





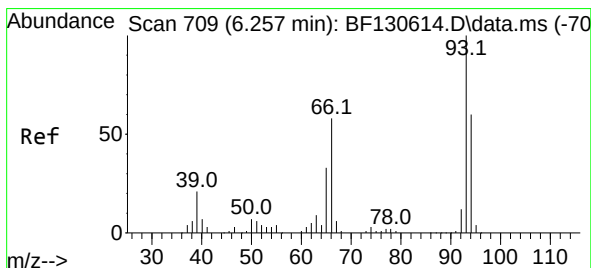
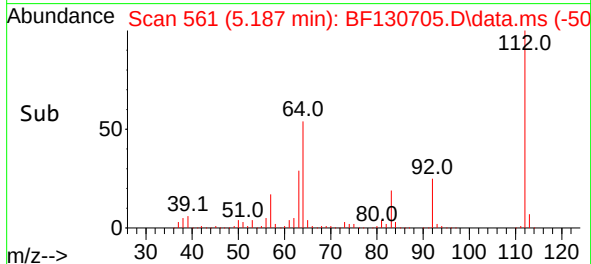
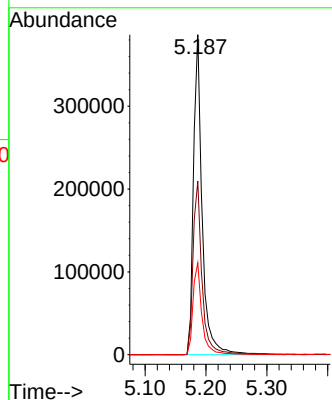
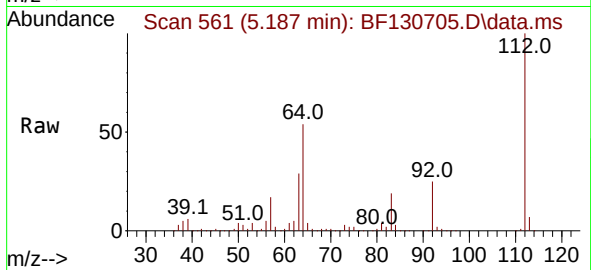
#5
2-Fluorophenol
Concen: 119.225 ng
RT: 5.187 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion:112 Resp: 38514
Ion Ratio Lower Upper
112 100
64 54.3 43.5 65.3
63 28.7 22.6 34.0

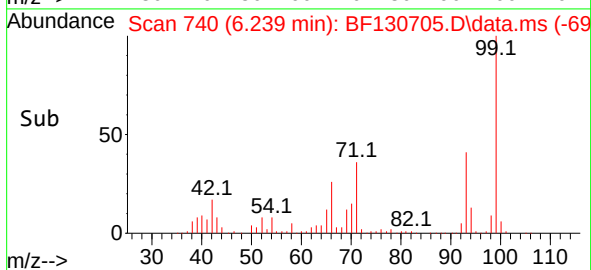
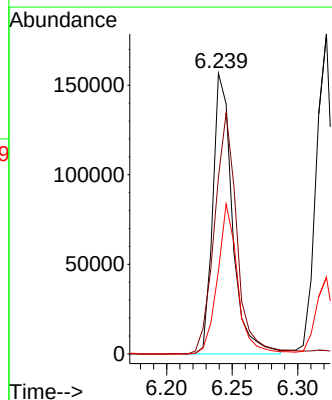
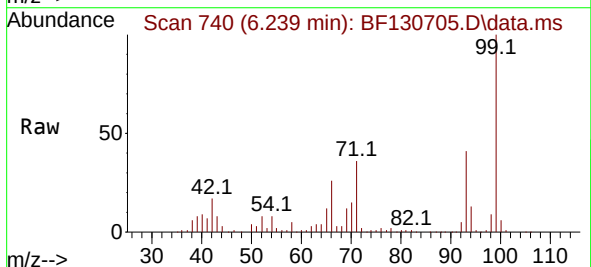
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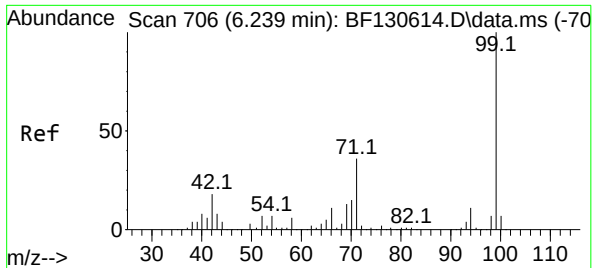
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#6
Aniline
Concen: 33.365 ng
RT: 6.239 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

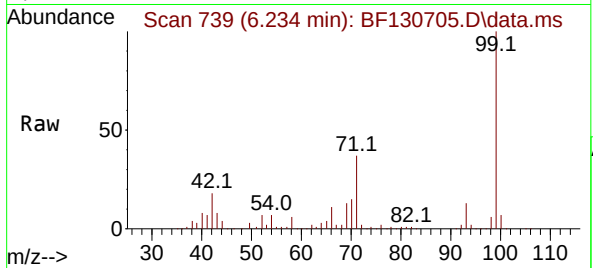
Tgt Ion: 93 Resp: 162242
Ion Ratio Lower Upper
93 100
66 63.1 47.4 71.0
65 29.6 26.6 40.0





#7
Phenol-d6
Concen: 105.748 ng
RT: 6.234 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

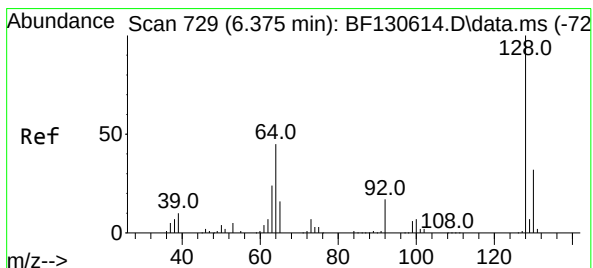
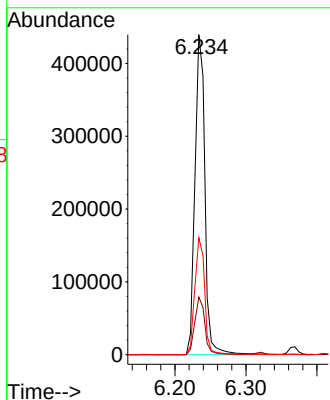
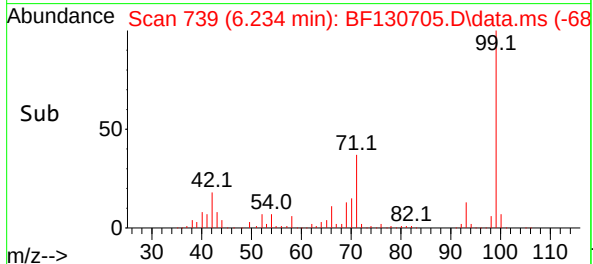
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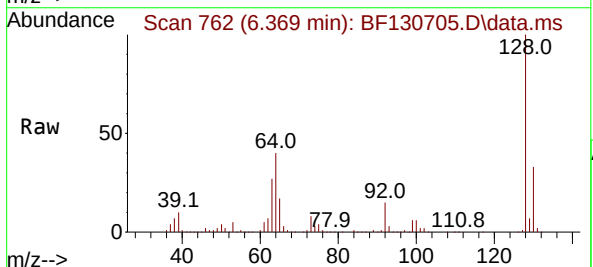
Tgt Ion: 99 Resp: 42950
Ion Ratio Lower Upper
99 100
42 18.0 14.0 21.0
71 36.5 28.8 43.2

Manual Integrations
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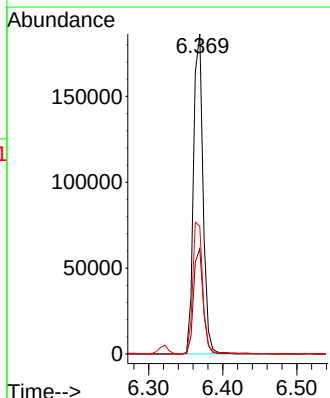
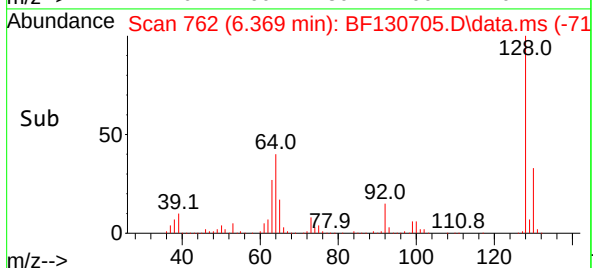
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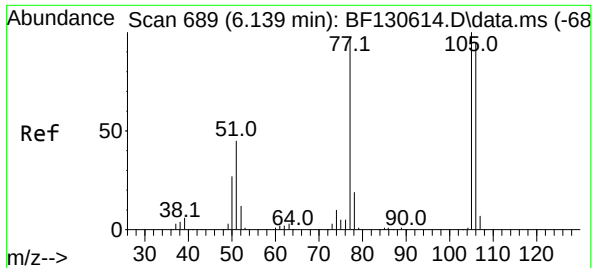


#8
2-Chlorophenol
Concen: 44.044 ng
RT: 6.369 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion:128 Resp: 167324
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 39.9 25.9 65.9





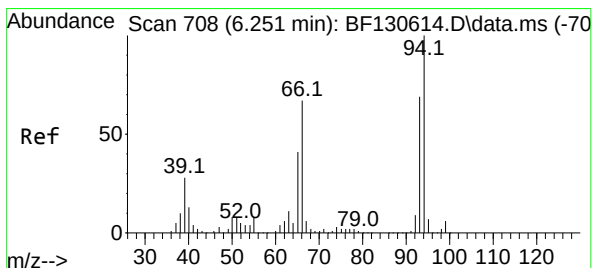
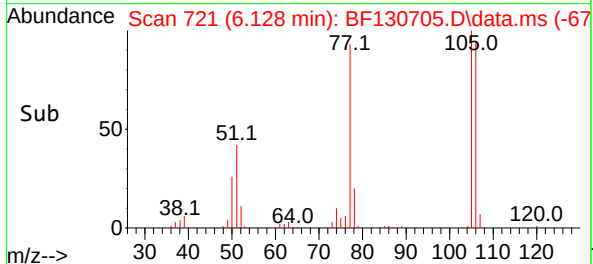
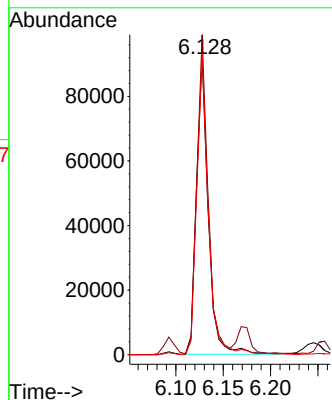
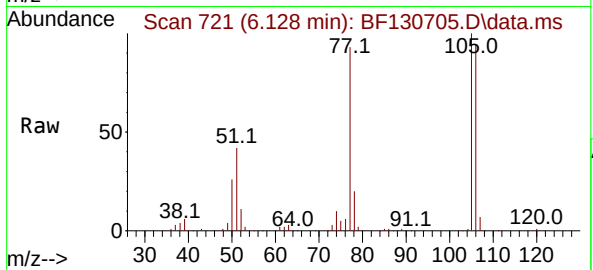
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Benzaldehyde
Concen: 31.261 ng
RT: 6.128 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion: 77 Resp: 7977
Ion Ratio Lower Upper
77 100
105 107.3 83.0 123.0
106 100.8 77.8 117.8

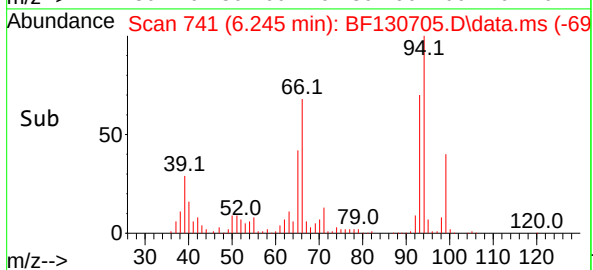
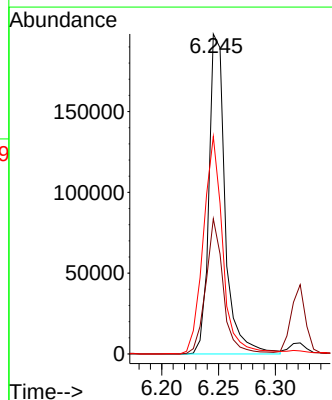
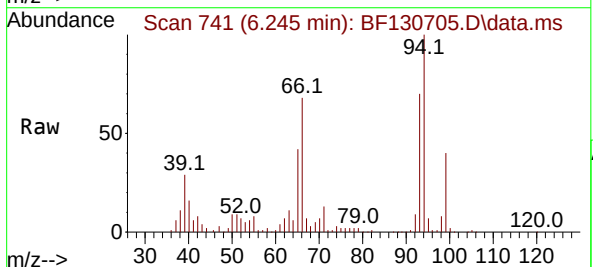
Manual Integrations
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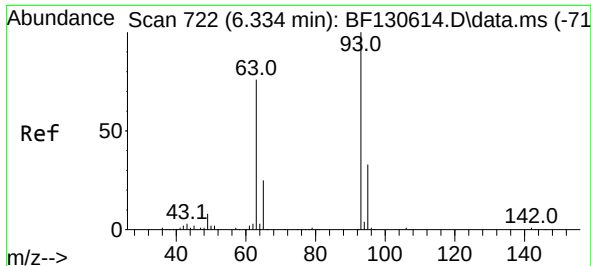
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#10
Phenol
Concen: 41.915 ng
RT: 6.245 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion: 94 Resp: 196977
Ion Ratio Lower Upper
94 100
65 42.3 21.2 61.2
66 67.9 46.9 86.9





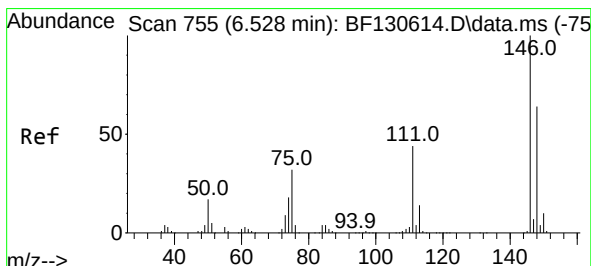
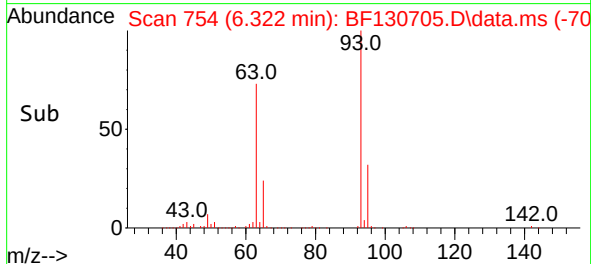
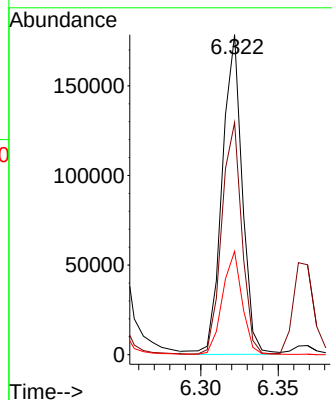
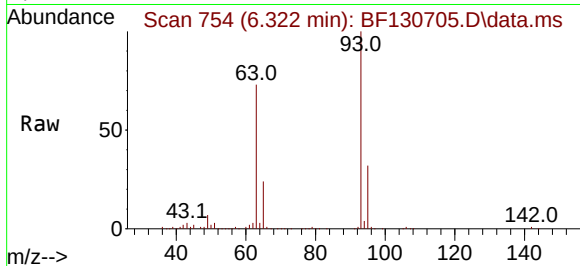
#11
bis(2-Chloroethyl)ether
Concen: 47.186 ng
RT: 6.322 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion: 93 Resp: 161078
Ion Ratio Lower Upper
93 100
63 72.5 56.1 96.1
95 32.3 12.4 52.4

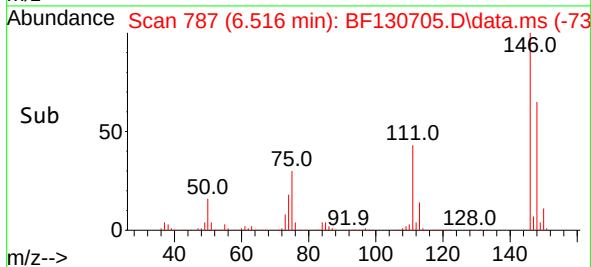
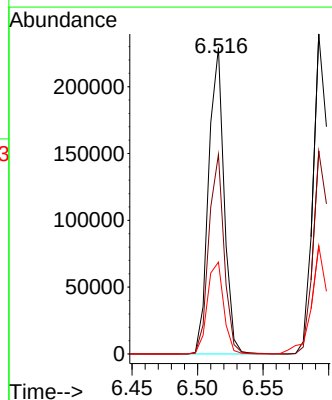
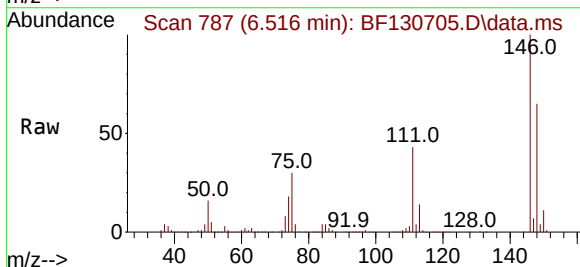
Manual Integrations
APPROVED

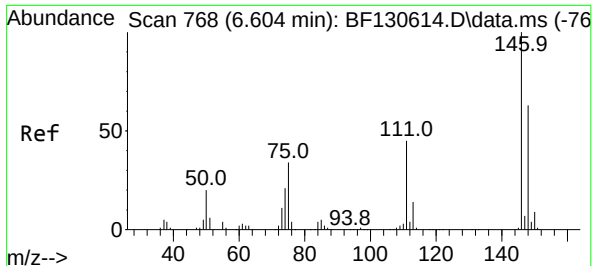
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#12
1,3-Dichlorobenzene
Concen: 45.353 ng
RT: 6.516 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:146 Resp: 188649
Ion Ratio Lower Upper
146 100
148 65.2 51.3 76.9
75 30.0 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 45.507 ng

RT: 6.592 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MS

Tgt Ion:146 Resp: 19203

Ion Ratio Lower Upper

146 100

148 63.4 50.1 75.1

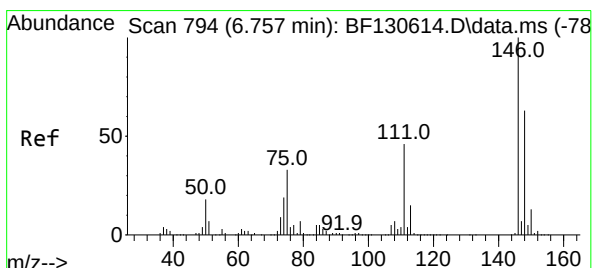
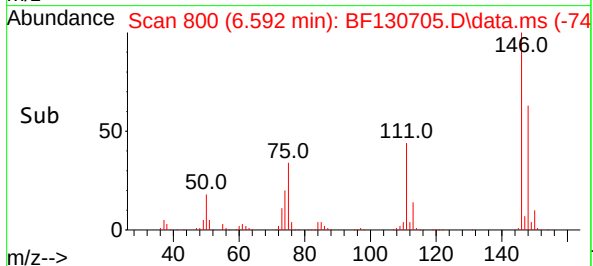
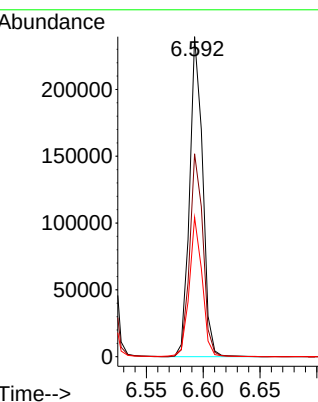
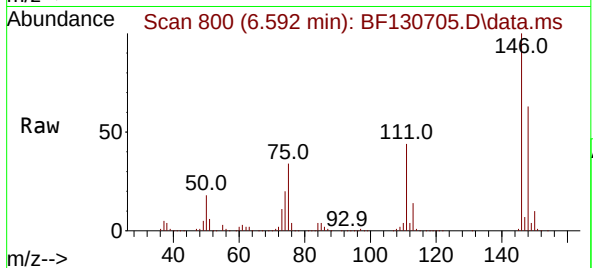
111 43.6 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#14

1,2-Dichlorobenzene

Concen: 45.393 ng

RT: 6.745 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

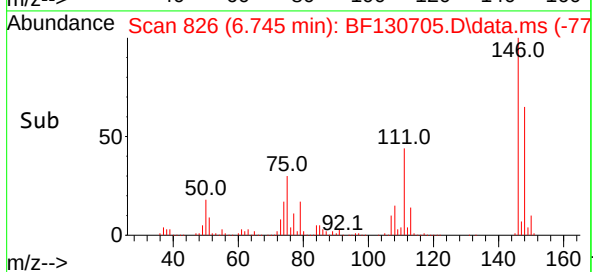
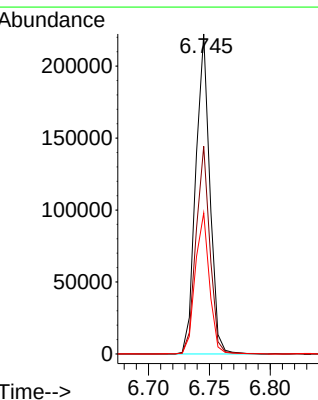
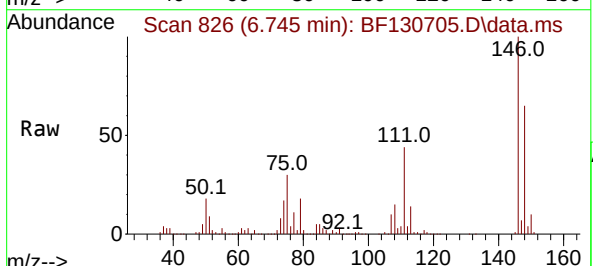
Tgt Ion:146 Resp: 178396

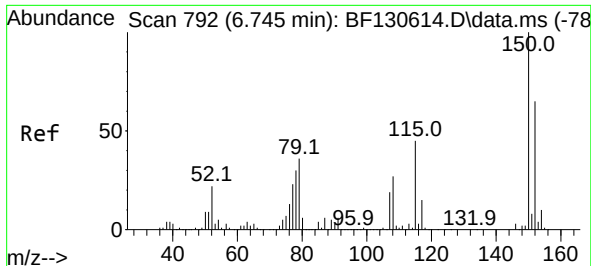
Ion Ratio Lower Upper

146 100

148 64.9 50.5 75.7

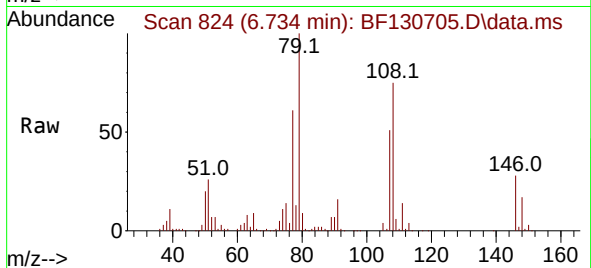
111 44.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.054 ng
RT: 6.734 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

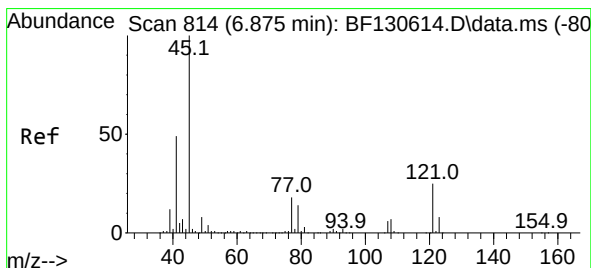
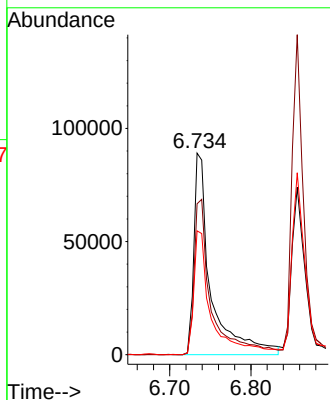
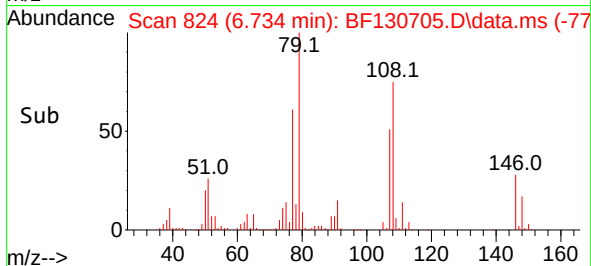
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion: 79 Resp: 131378
Ion Ratio Lower Upper
79 100
108 74.8 59.7 89.5
77 61.4 51.8 77.6

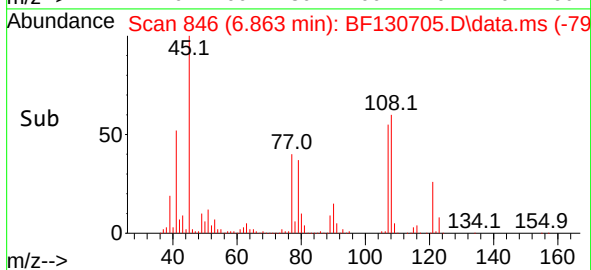
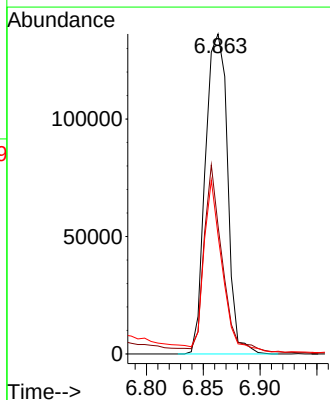
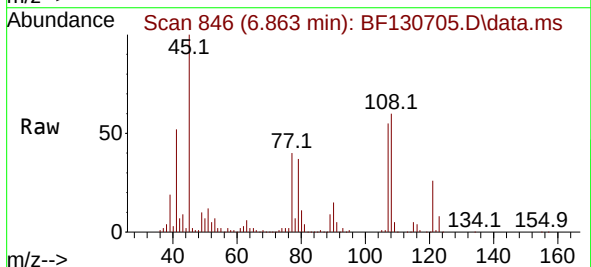
Manual Integrations
APPROVED

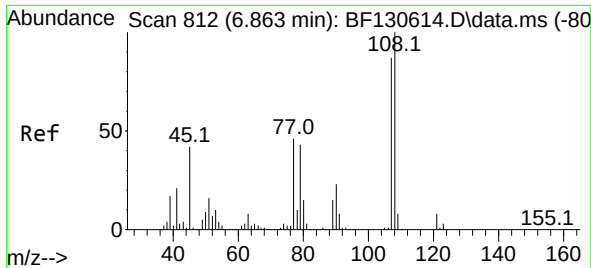
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.926 ng
RT: 6.863 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

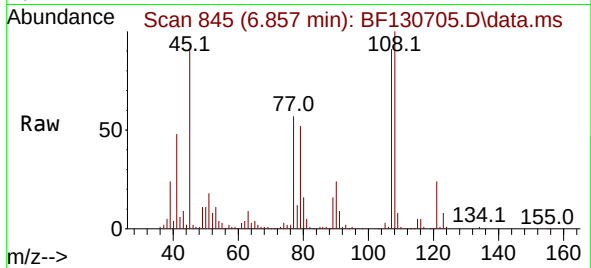
Tgt Ion: 45 Resp: 184132
Ion Ratio Lower Upper
45 100
77 40.1 0.0 38.7#
79 37.1 0.0 34.6#





#17
2-Methylphenol
Concen: 41.757 ng
RT: 6.857 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

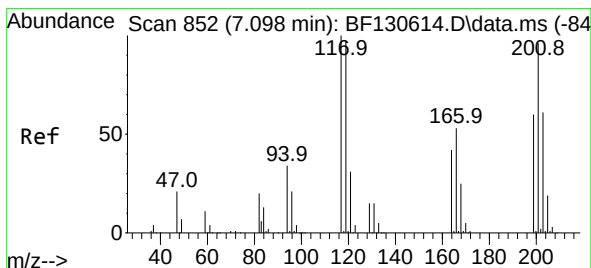
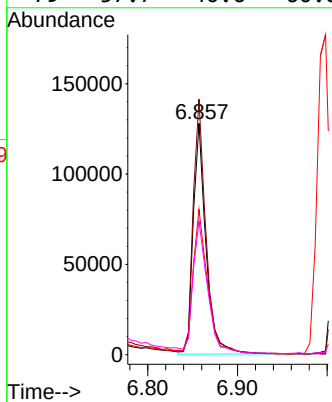
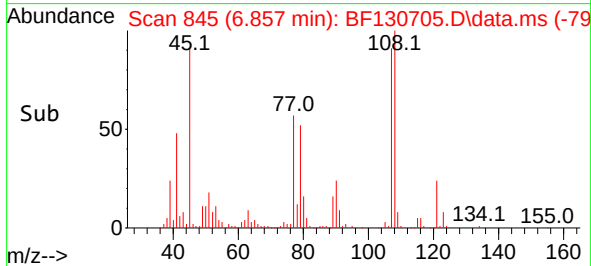
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:107 Resp: 126180
Ion Ratio Lower Upper
107 100
108 110.5 92.2 138.2
77 62.8 42.7 64.1
79 57.7 40.6 60.8

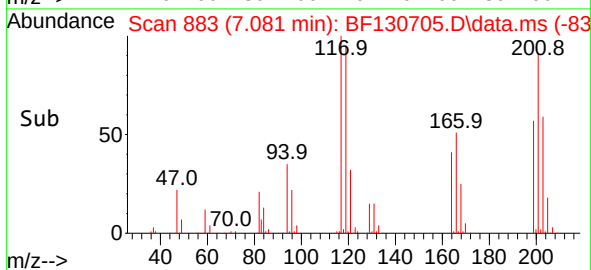
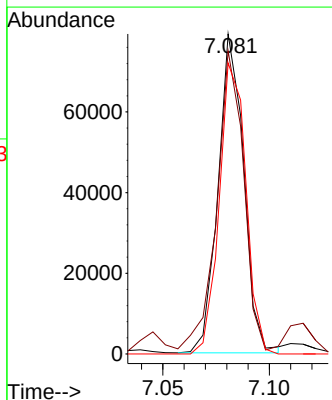
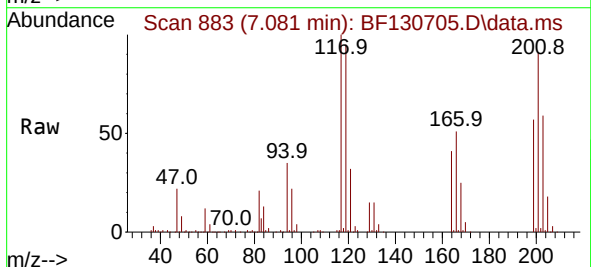
Manual Integrations
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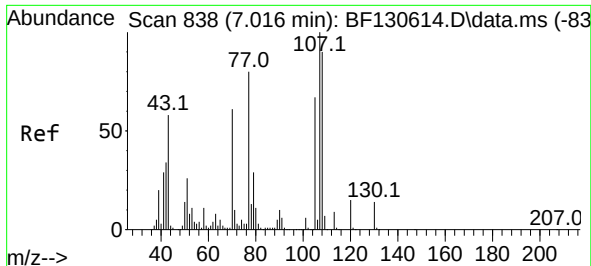
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#18
Hexachloroethane
Concen: 41.528 ng
RT: 7.081 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:117 Resp: 66296
Ion Ratio Lower Upper
117 100
119 94.7 77.6 116.4
201 91.0 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.209 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130705.D

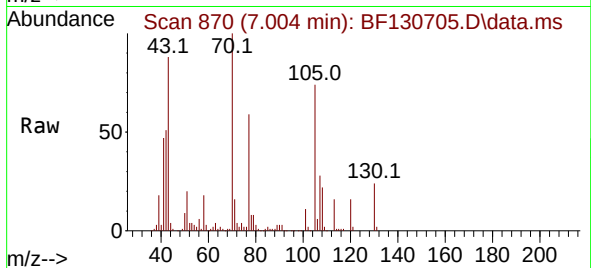
Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MS



Tgt Ion: 70 Resp: 110600

Ion Ratio Lower Upper

70 100

42 51.2 44.3 66.5

101 10.9 7.9 11.9

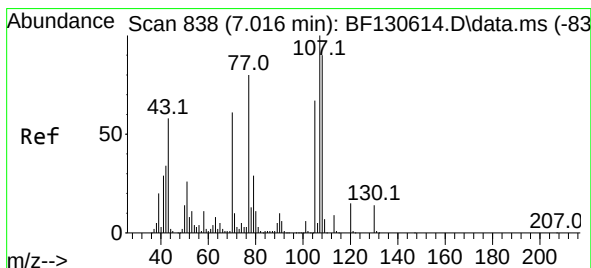
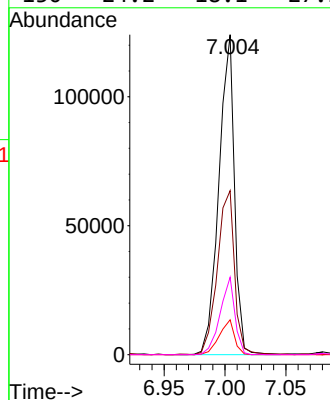
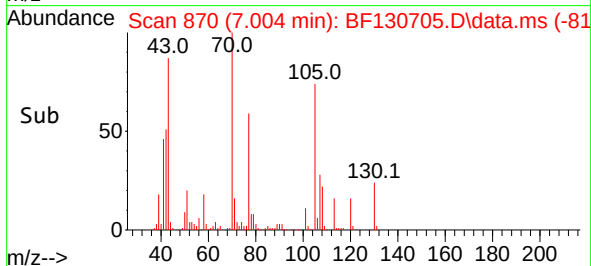
130 24.2 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#20

3+4-Methylphenols

Concen: 40.170 ng

RT: 7.016 min Scan# 872

Delta R.T. 0.012 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Tgt Ion:107 Resp: 162664

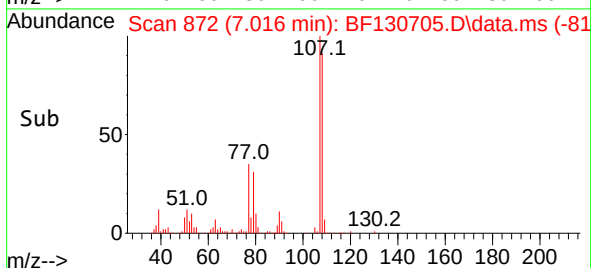
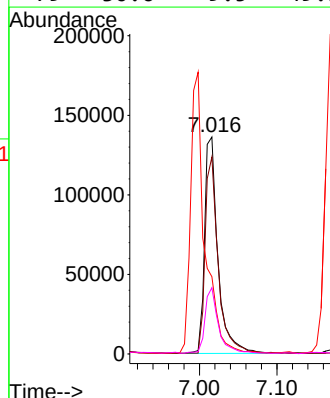
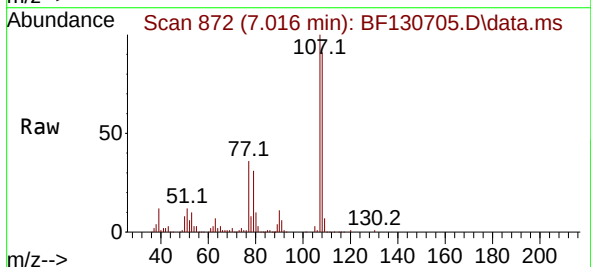
Ion Ratio Lower Upper

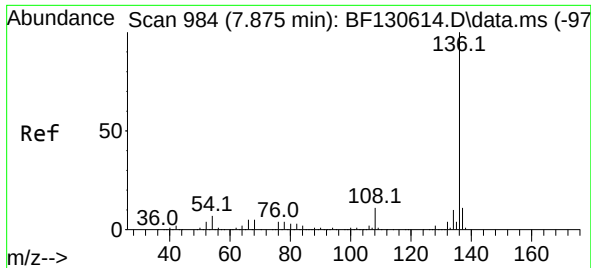
107 100

108 90.8 69.7 109.7

77 35.6 59.7 99.7#

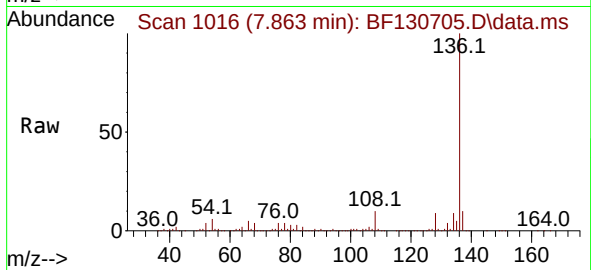
79 30.6 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

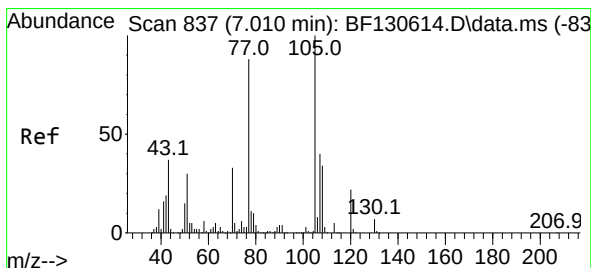
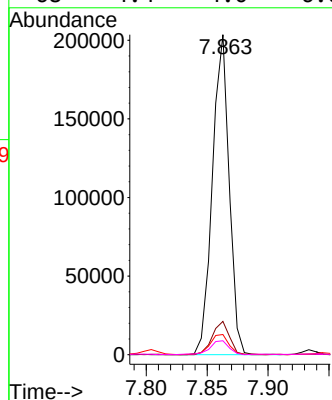
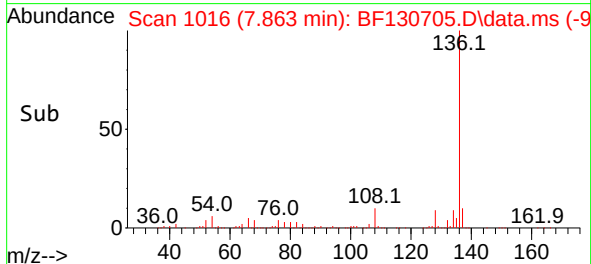
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



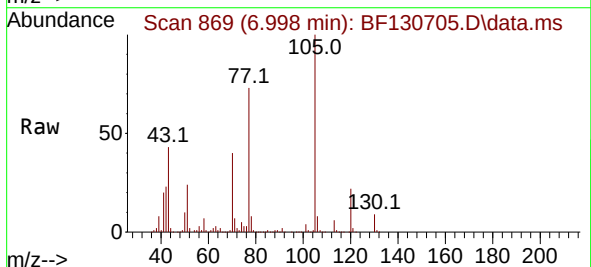
Tgt Ion:136	Resp:	194208
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.4 12.6
54	6.3	5.5 8.3
68	4.4	4.0 6.0

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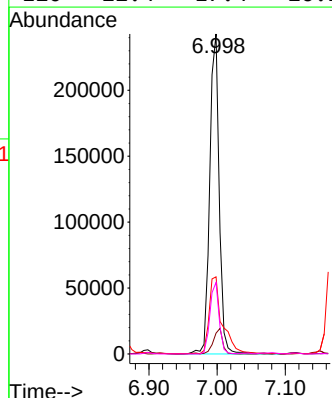
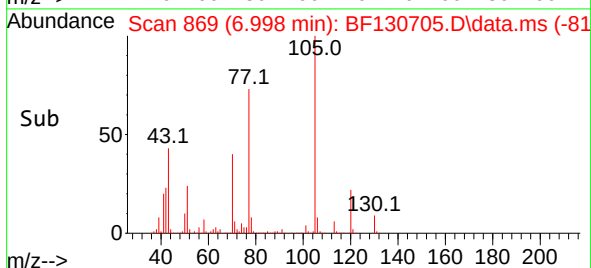
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

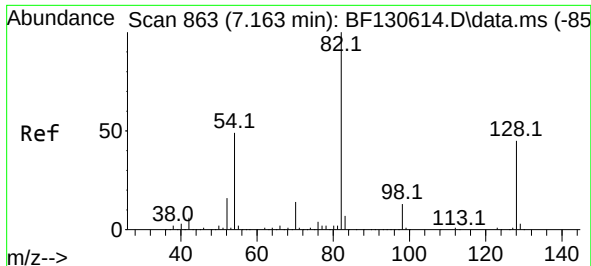


#22
Acetophenone
Concen: 50.480 ng
RT: 6.998 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion:105	Resp:	235174
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.2 6.4#
51	24.1	24.3 36.5#
120	22.4	17.4 26.2





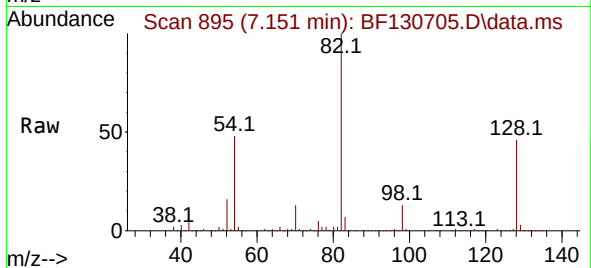
#23
Nitrobenzene-d5
Concen: 73.788 ng
RT: 7.151 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MS

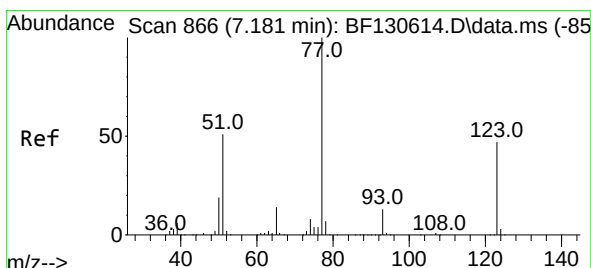
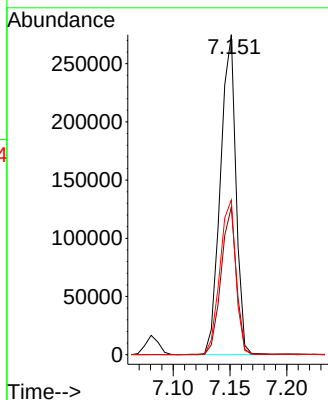
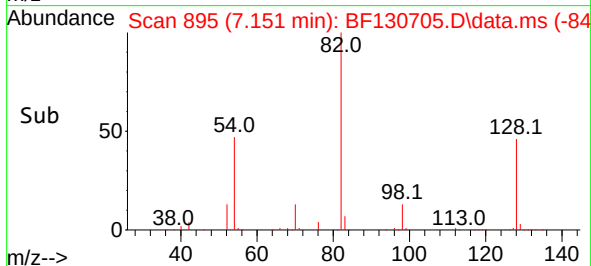


Tgt Ion: 82 Resp: 262502
Ion Ratio Lower Upper
82 100
128 46.1 35.8 53.6
54 48.3 39.3 58.9

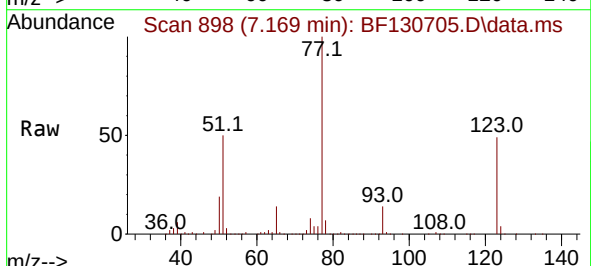
Manual Integrations

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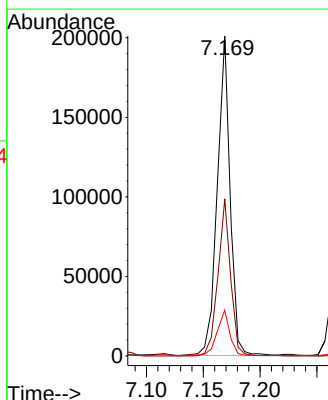
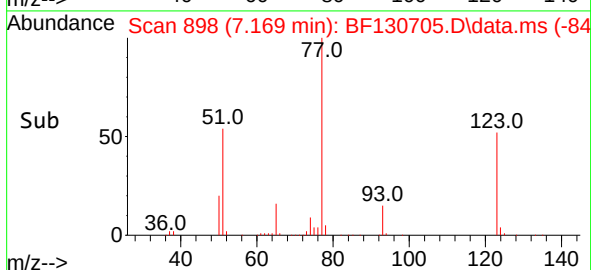
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

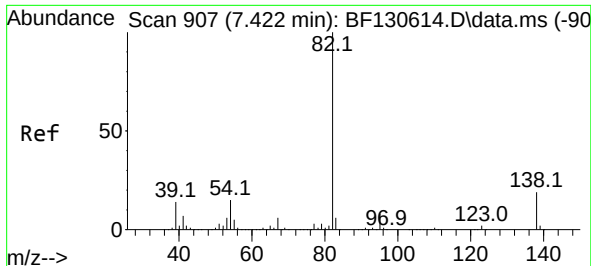


#24
Nitrobenzene
Concen: 44.140 ng
RT: 7.169 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion: 77 Resp: 157918
Ion Ratio Lower Upper
77 100
123 49.1 37.5 56.3
65 14.3 11.0 16.4





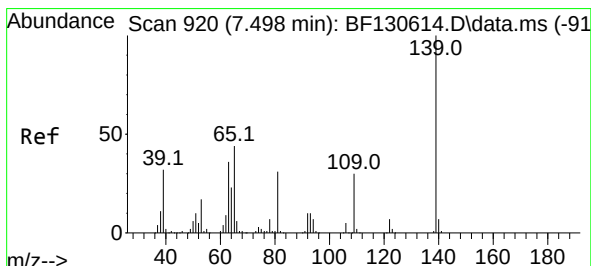
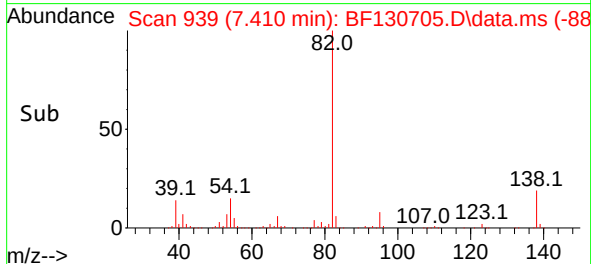
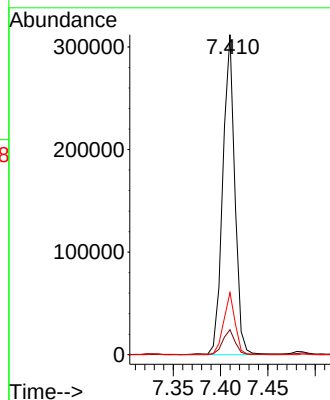
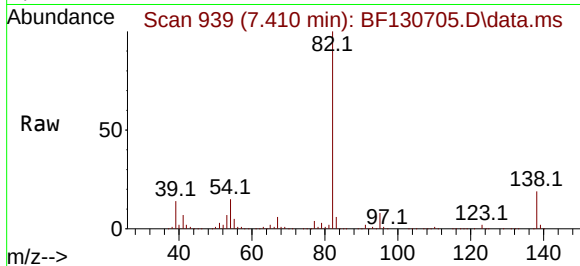
#25
Isophorone
Concen: 46.793 ng
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion: 82 Resp: 277062
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 19.4 14.9 22.3

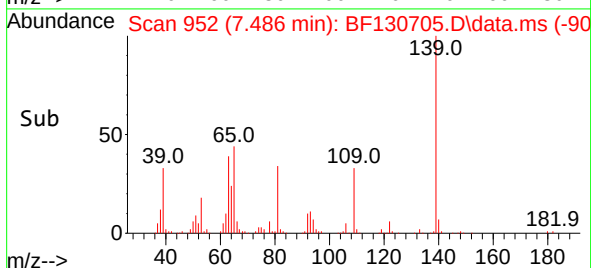
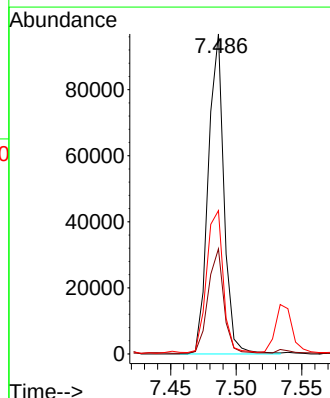
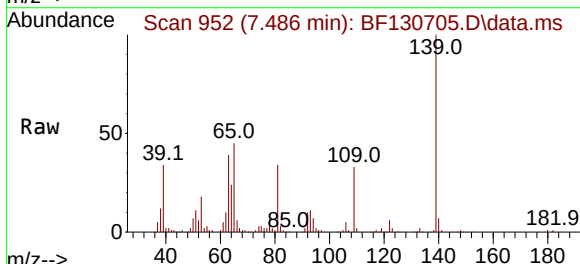
Manual Integrations
APPROVED

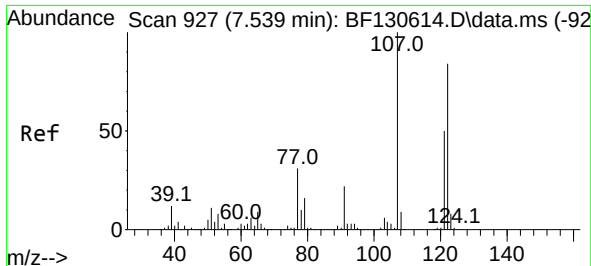
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#26
2-Nitrophenol
Concen: 46.061 ng
RT: 7.486 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:139 Resp: 80814
Ion Ratio Lower Upper
139 100
109 32.9 23.9 35.9
65 44.8 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 53.553 ng

RT: 7.539 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

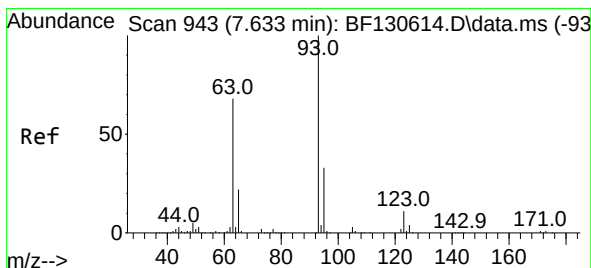
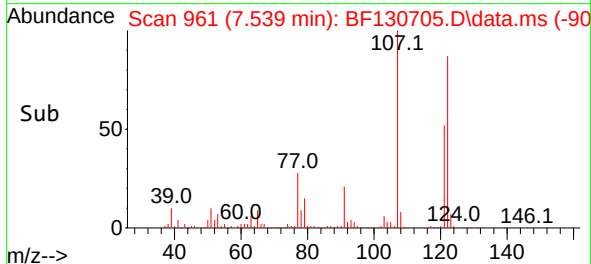
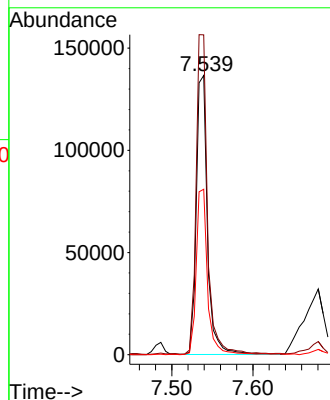
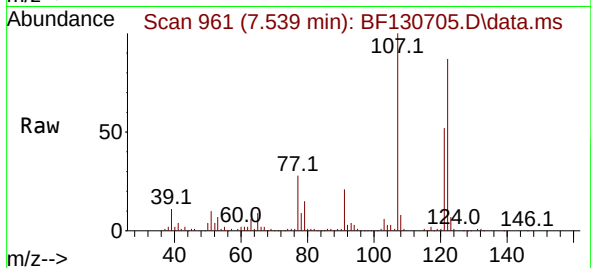
BU-02-101722MS

Tgt Ion:122 Resp: 13095
 Ion Ratio Lower Upper
 122 100
 107 114.6 94.9 142.3
 121 59.3 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: 48.773 ng

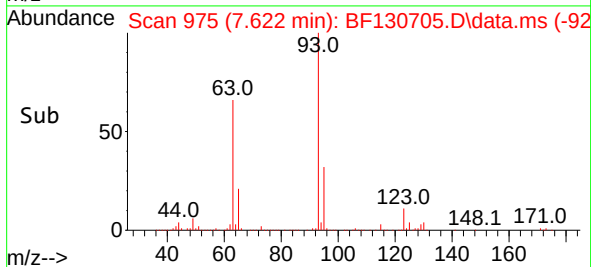
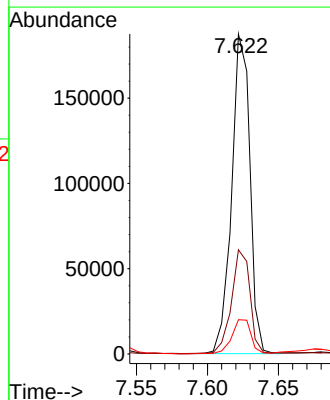
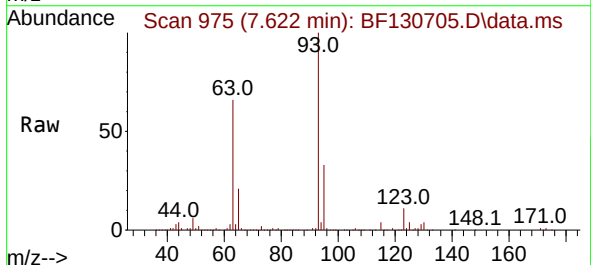
RT: 7.622 min Scan# 975

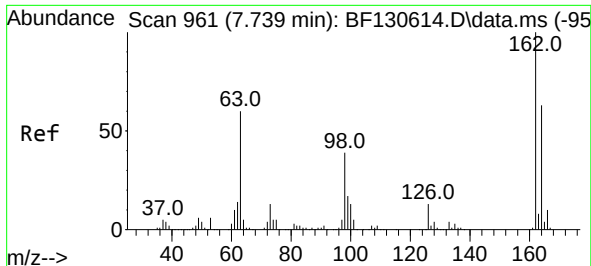
Delta R.T. -0.000 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Tgt Ion: 93 Resp: 167212
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.4 39.6
 123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.529 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.012 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

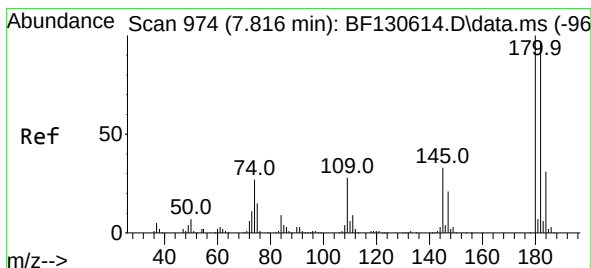
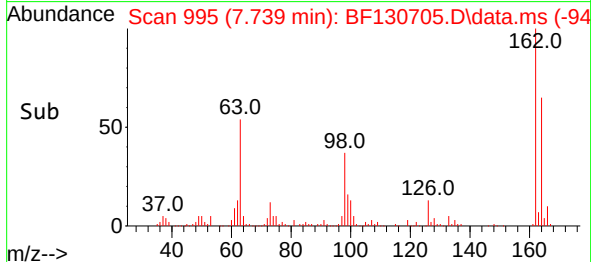
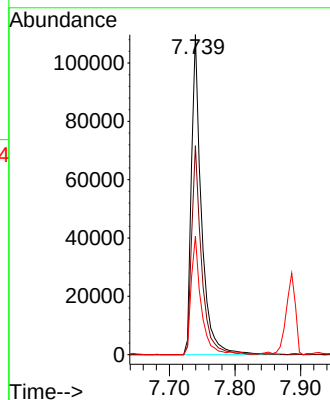
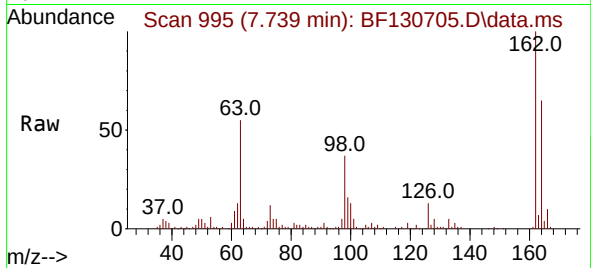
BU-02-101722MS

Tgt Ion:	162	Resp:	116350
Ion Ratio	Lower	Upper	
162	100		
164	65.3	42.8	82.8
98	37.0	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: 43.931 ng

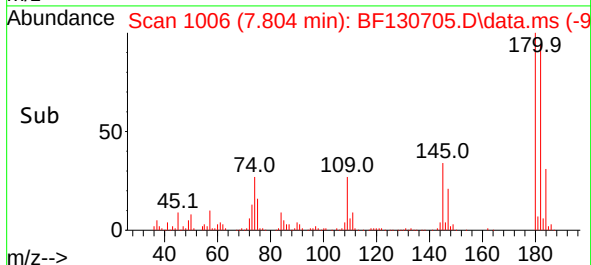
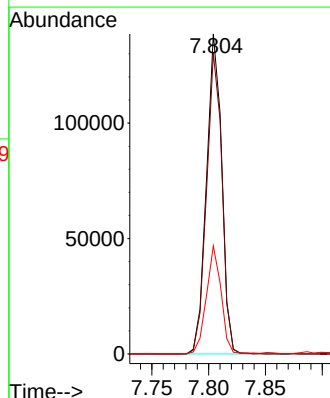
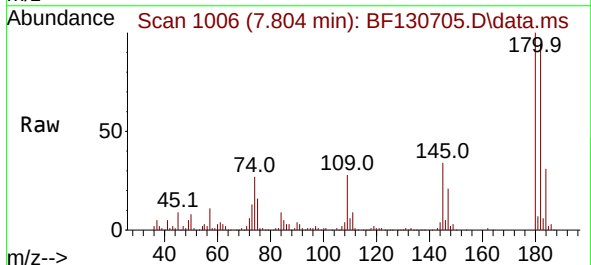
RT: 7.804 min Scan# 1006

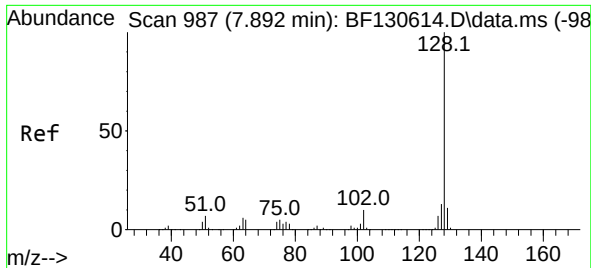
Delta R.T. -0.000 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

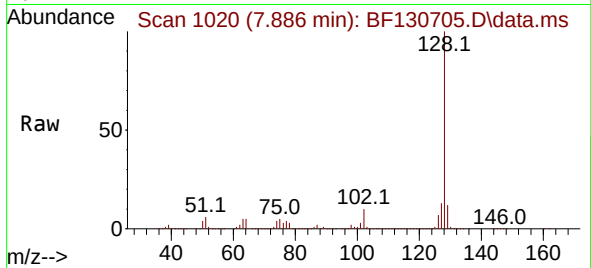
Tgt Ion:	180	Resp:	129575
Ion Ratio	Lower	Upper	
180	100		
182	94.0	78.0	117.0
145	33.7	26.7	40.1





#31
Naphthalene
Concen: 173.563 ng
RT: 7.886 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

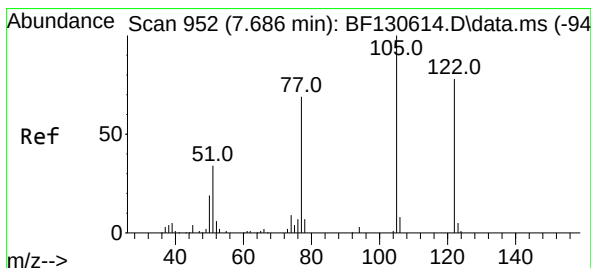
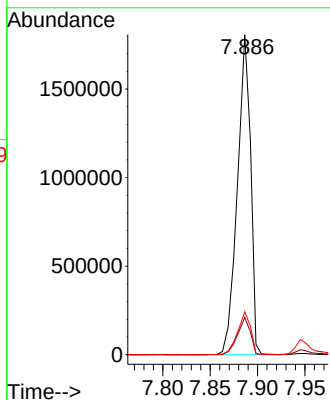
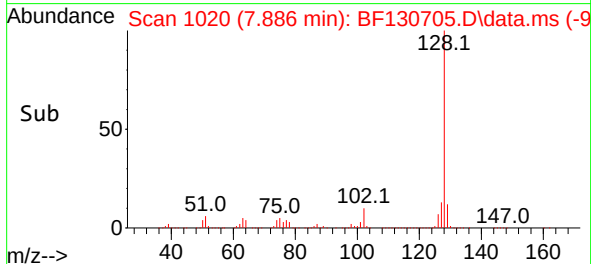
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:128 Resp: 174484
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.3 15.5

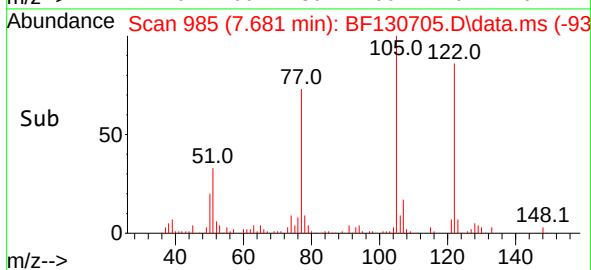
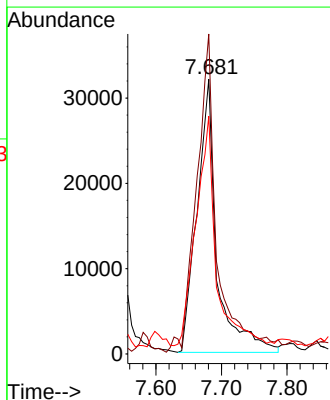
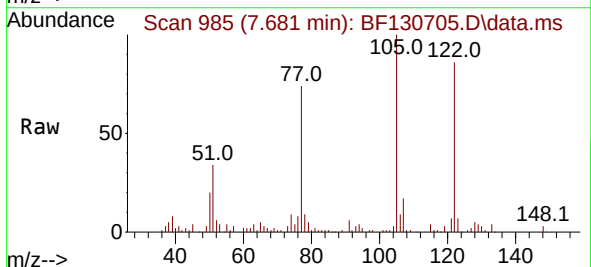
Manual Integrations
APPROVED

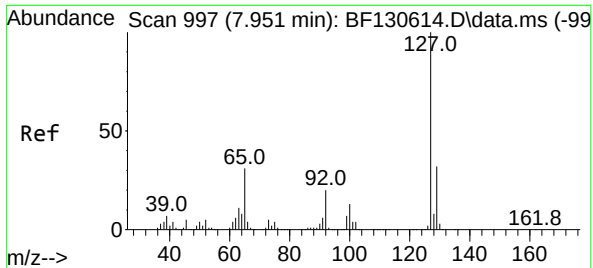
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#32
Benzoic acid
Concen: 43.416 ng
RT: 7.681 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:122 Resp: 67165
Ion Ratio Lower Upper
122 100
105 116.5 104.8 144.8
77 86.5 68.2 108.2





#33
4-Chloroaniline
Concen: 26.686 ng
RT: 7.945 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

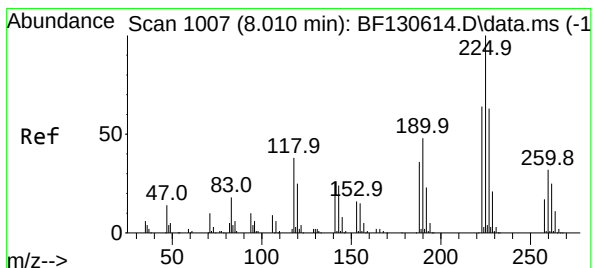
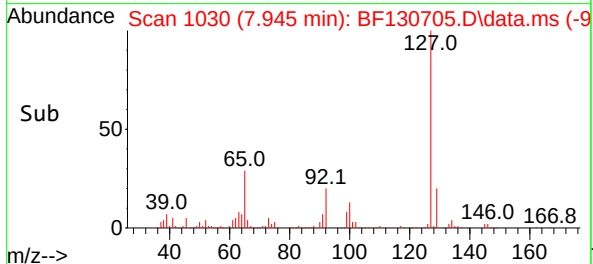
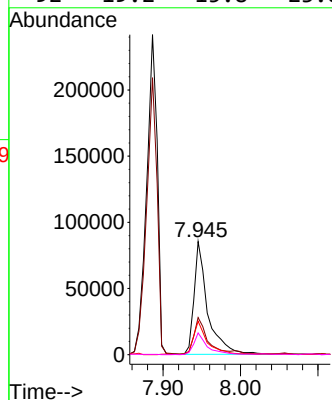
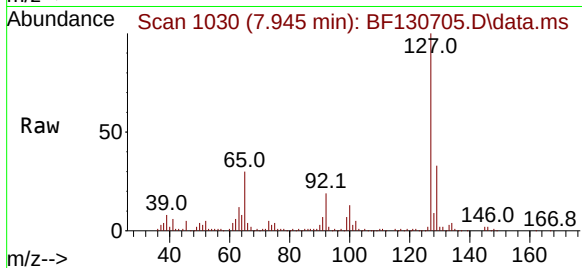
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion:127 Resp: 103925

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	29.6	24.7	37.1
92	19.2	15.8	23.8

Manual Integrations
APPROVED

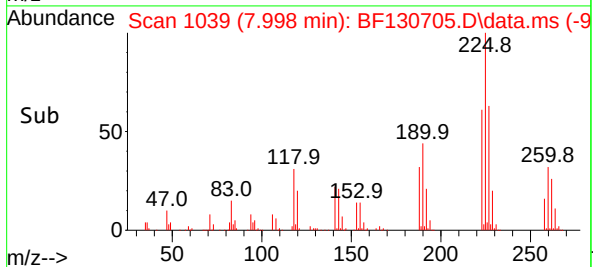
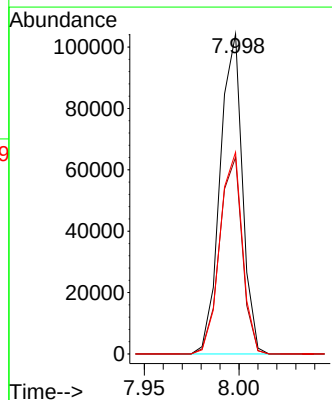
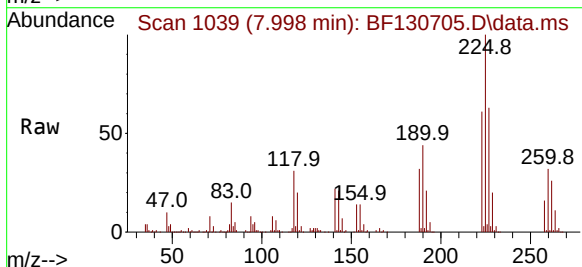
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

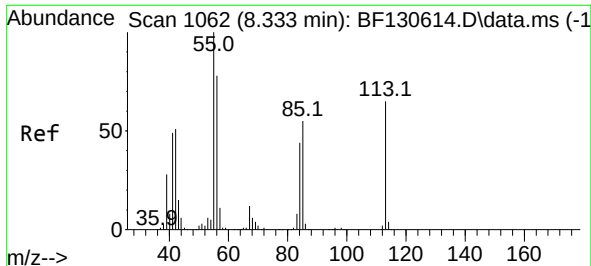


#34
Hexachlorobutadiene
Concen: 46.560 ng
RT: 7.998 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:225 Resp: 85235

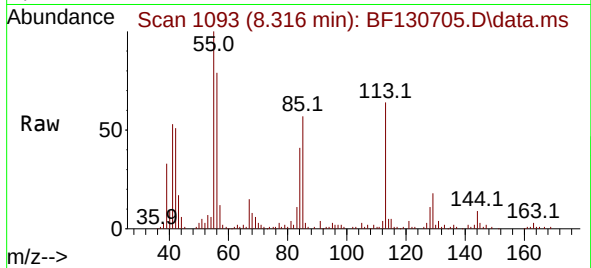
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.5	77.3
227	63.0	50.4	75.6





#35
Caprolactam
Concen: 44.276 ng
RT: 8.316 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

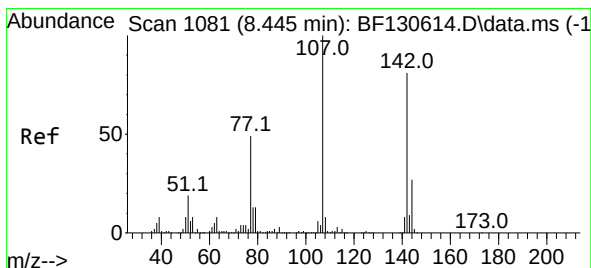
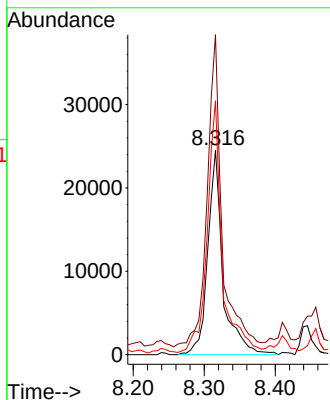
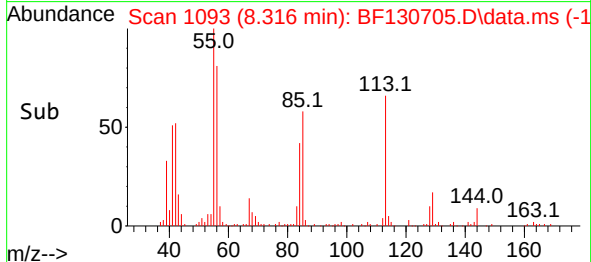
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:113 Resp: 36440
Ion Ratio Lower Upper
113 100
55 156.3 134.3 174.3
56 124.1 101.0 141.0

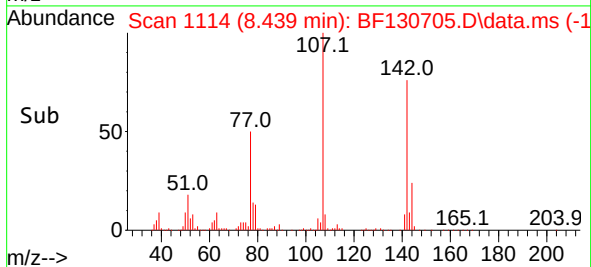
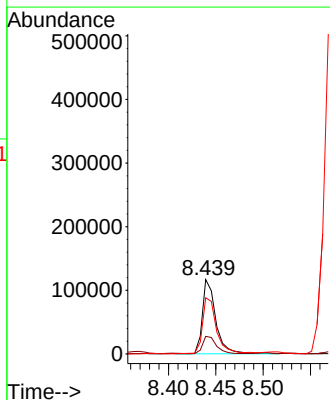
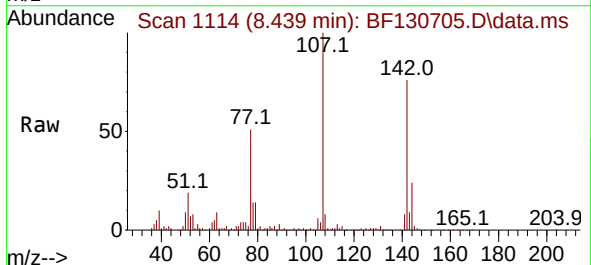
Manual Integrations
APPROVED

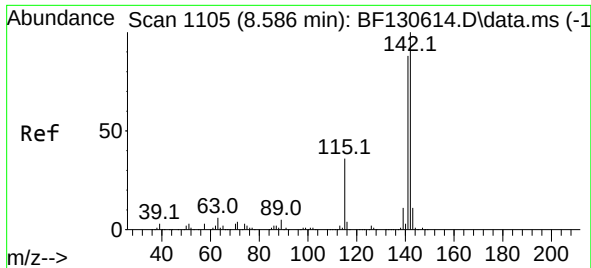
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#36
4-Chloro-3-methylphenol
Concen: 38.330 ng
RT: 8.439 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:107 Resp: 113751
Ion Ratio Lower Upper
107 100
144 23.7 21.9 32.9
142 75.5 64.6 96.8





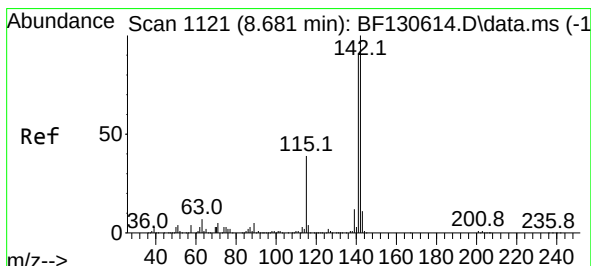
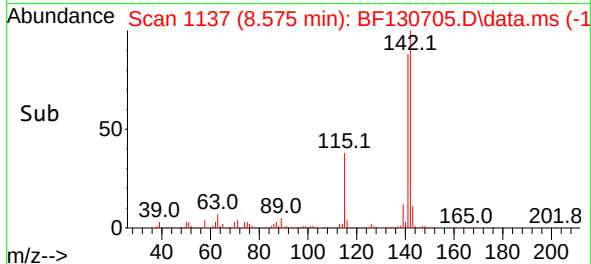
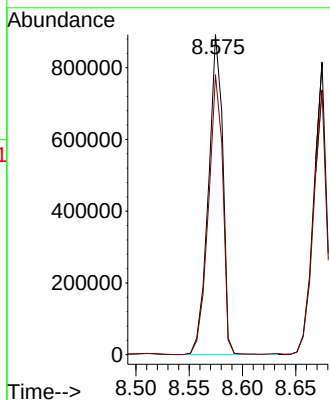
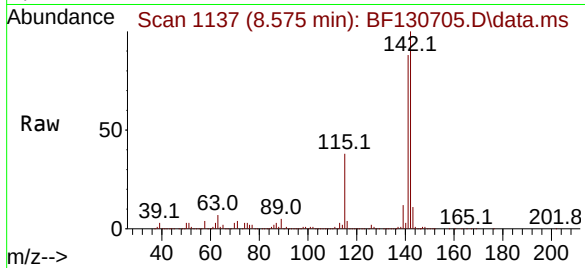
#37
2-Methylnaphthalene
Concen: 131.752 ng
RT: 8.575 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion:142 Resp: 833518
Ion Ratio Lower Upper
142 100
141 87.5 70.7 106.1

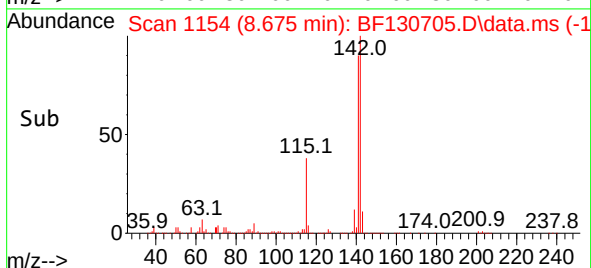
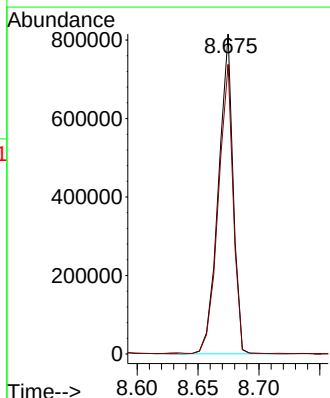
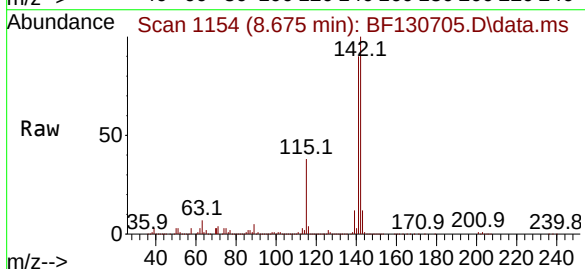
Manual Integrations
APPROVED

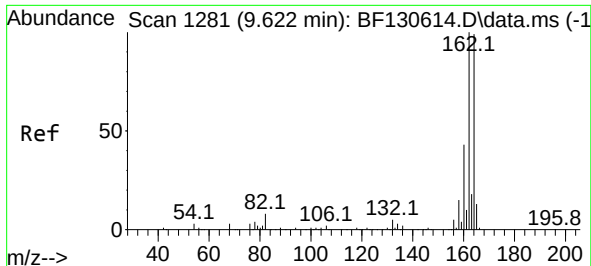
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#38
1-Methylnaphthalene
Concen: 111.360 ng
RT: 8.675 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

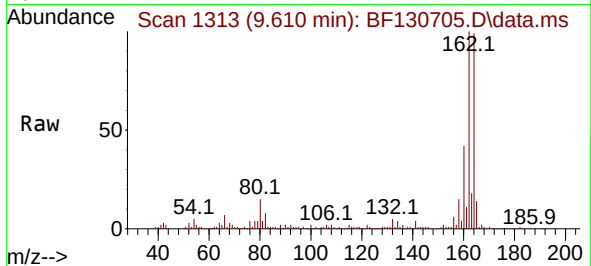
Tgt Ion:142 Resp: 683920
Ion Ratio Lower Upper
142 100
141 90.5 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

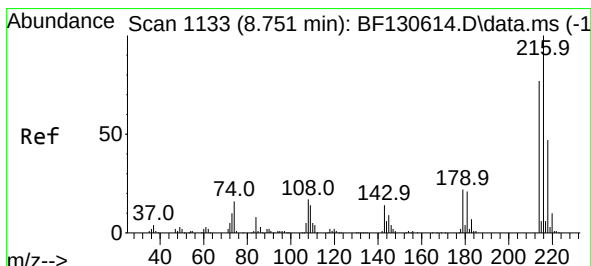
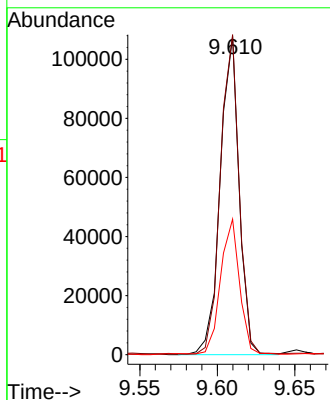
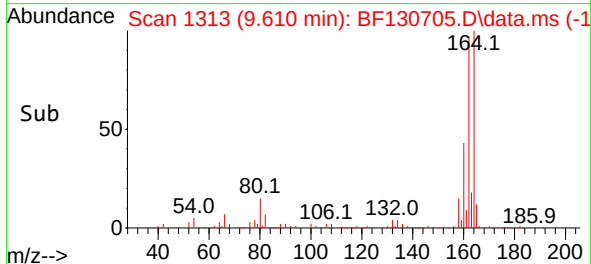
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



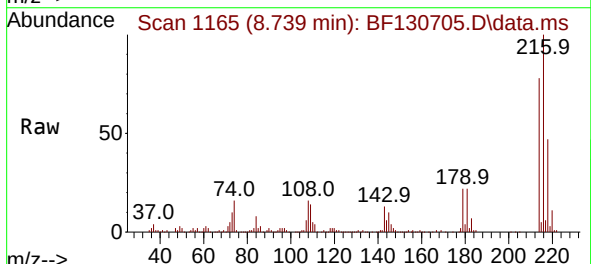
Tgt Ion:164 Resp: 91388
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 42.6 34.5 51.7

Manual Integrations
APPROVED

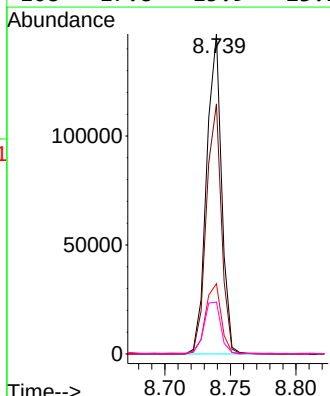
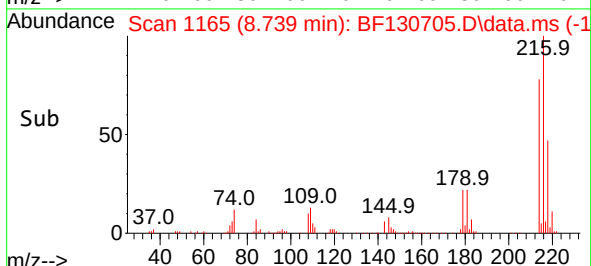
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

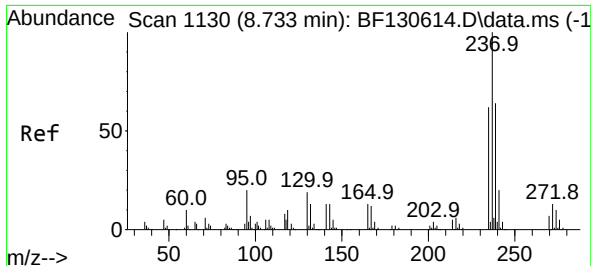


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.192 ng
RT: 8.739 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



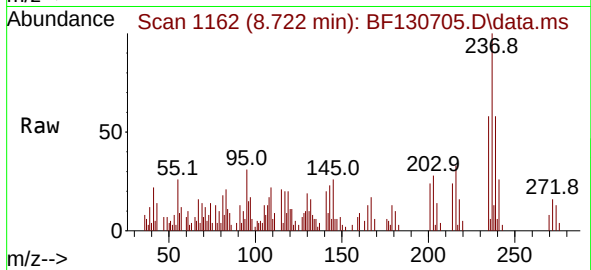
Tgt Ion:216 Resp: 117010
Ion Ratio Lower Upper
216 100
214 78.4 62.1 93.1
179 23.2 18.6 27.8
108 17.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 14.738 ng
RT: 8.722 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

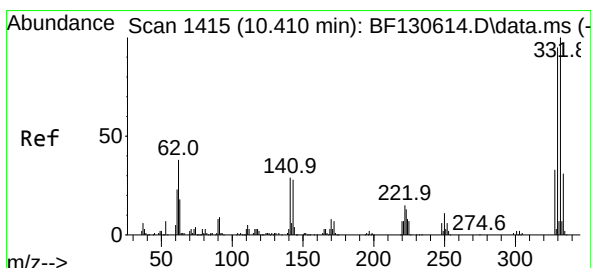
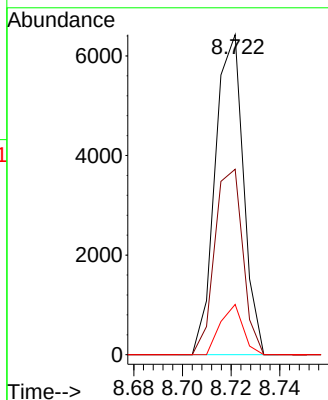
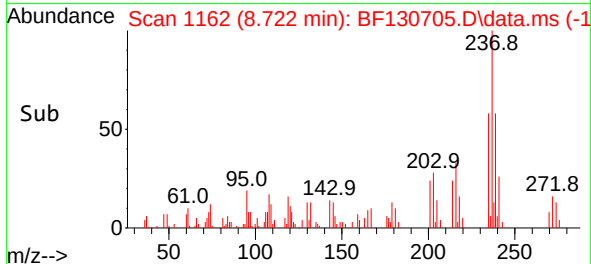
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



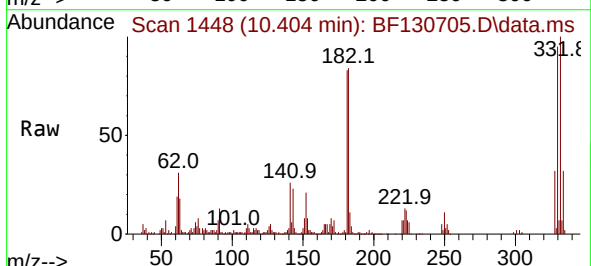
Tgt Ion:237 Resp: 517
Ion Ratio Lower Upper
237 100
235 58.0 42.2 82.2
272 15.7 0.0 32.6

Manual Integrations
APPROVED

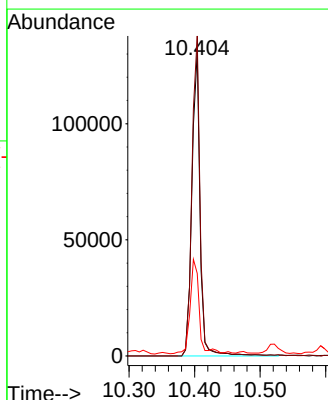
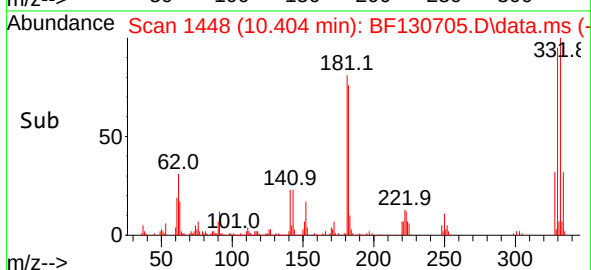
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

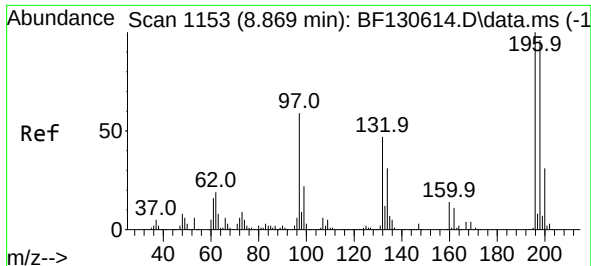


#42
2,4,6-Tribromophenol
Concen: 126.776 ng
RT: 10.404 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



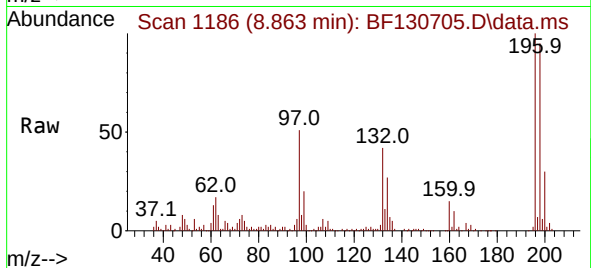
Tgt Ion:330 Resp: 113366
Ion Ratio Lower Upper
330 100
332 105.2 84.2 126.4
141 32.6 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 43.687 ng
RT: 8.863 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

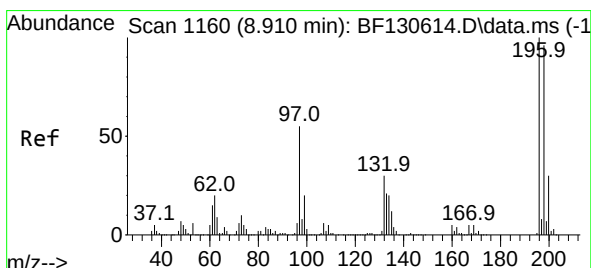
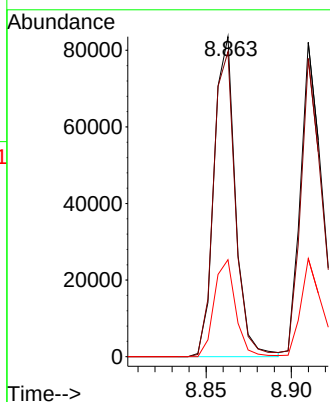
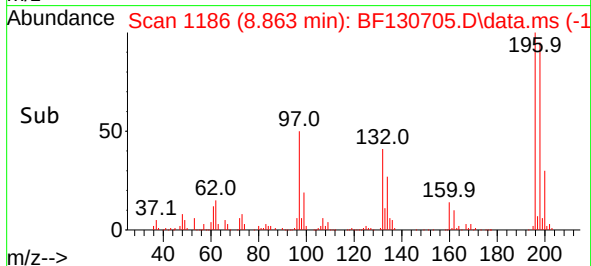
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



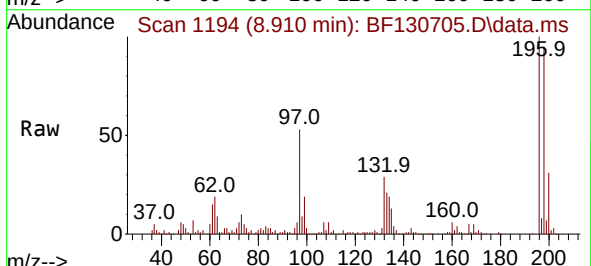
Tgt Ion:196 Resp: 72730
Ion Ratio Lower Upper
196 100
198 95.3 76.6 115.0
200 30.3 25.0 37.6

Manual Integrations
APPROVED

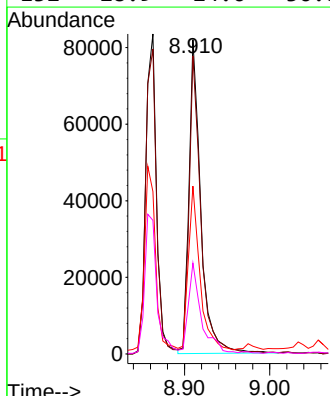
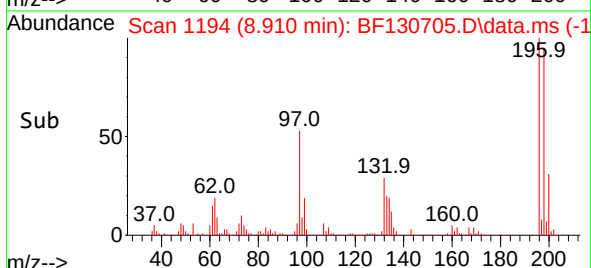
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

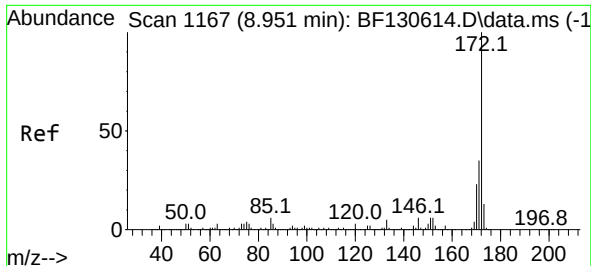


#44
2,4,5-Trichlorophenol
Concen: 43.051 ng
RT: 8.910 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion:196 Resp: 78819
Ion Ratio Lower Upper
196 100
198 94.9 76.6 114.8
97 53.4 44.3 66.5
132 28.9 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 73.313 ng

RT: 8.933 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF130705.D

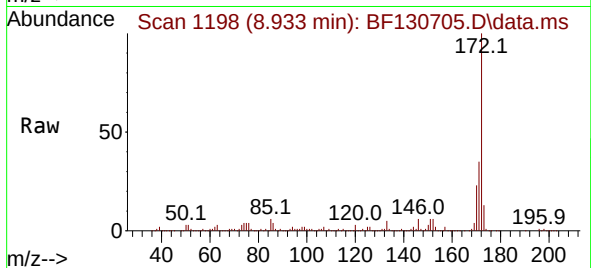
Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MS



Tgt Ion:172 Resp: 442312

Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

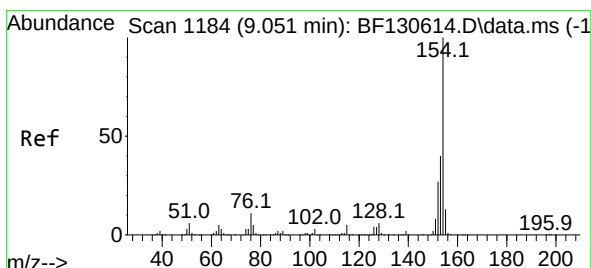
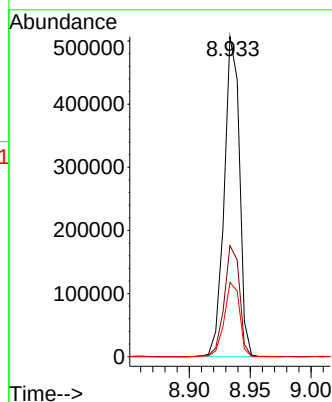
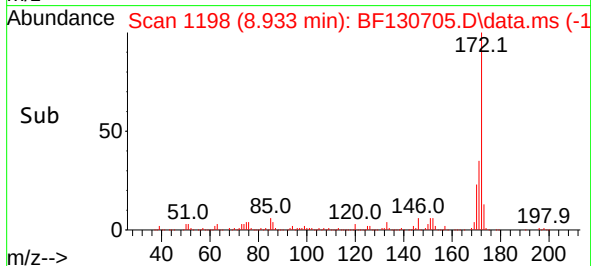
170 23.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#46

1,1'-Biphenyl

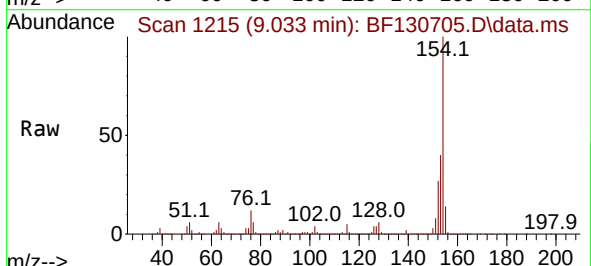
Concen: 65.331 ng

RT: 9.033 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52



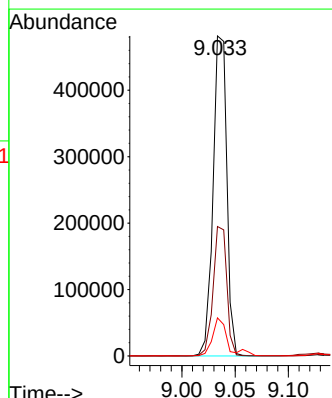
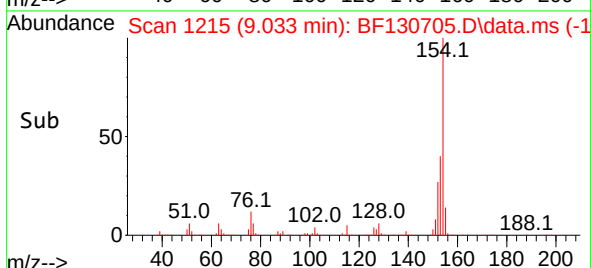
Tgt Ion:154 Resp: 432691

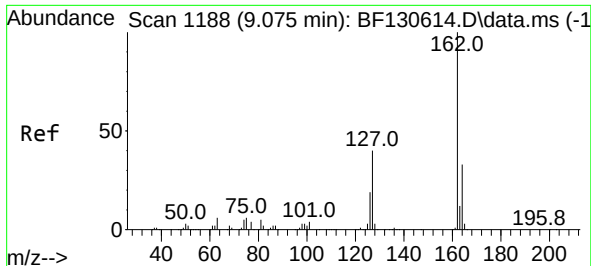
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 11.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 43.529 ng

RT: 9.057 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

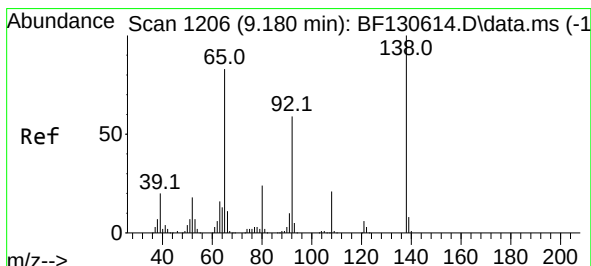
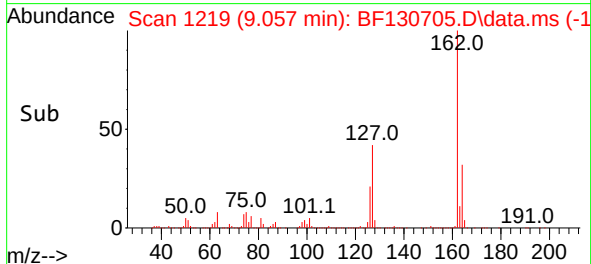
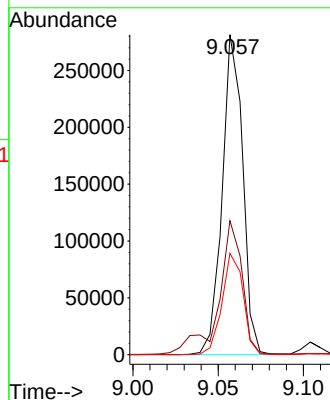
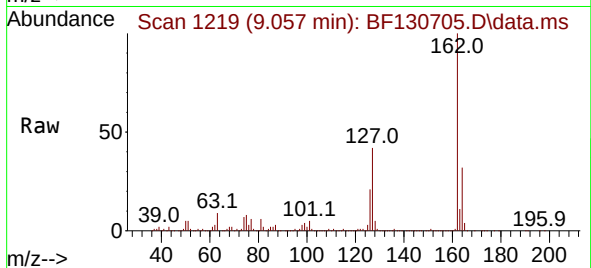
BU-02-101722MS

Tgt Ion:162 Resp: 23562
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.6 49.0
 164 31.6 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: 43.329 ng

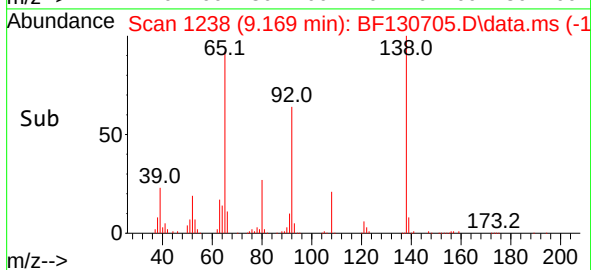
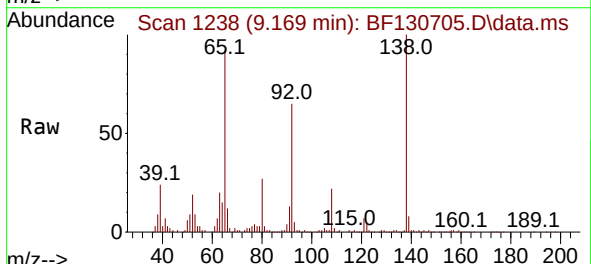
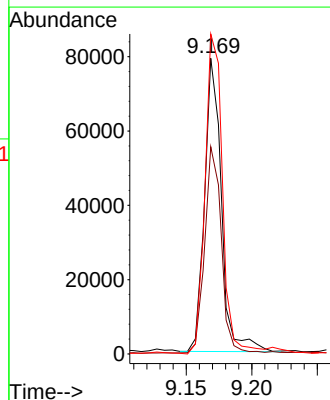
RT: 9.169 min Scan# 1238

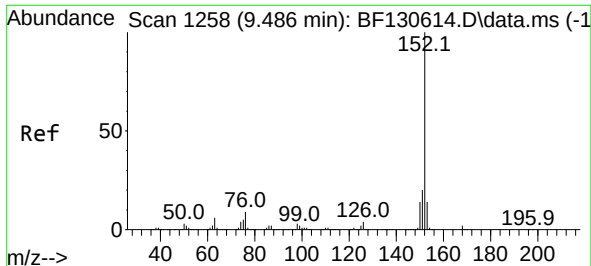
Delta R.T. -0.000 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Tgt Ion: 65 Resp: 70603
 Ion Ratio Lower Upper
 65 100
 92 70.0 57.4 86.0
 138 108.2 96.7 145.1





#49

Acenaphthylene

Concen: 72.123 ng

RT: 9.475 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

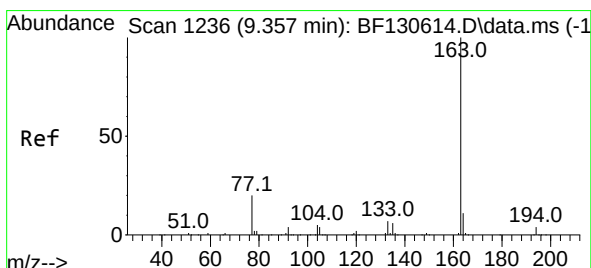
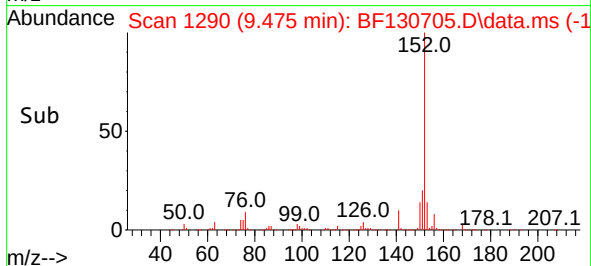
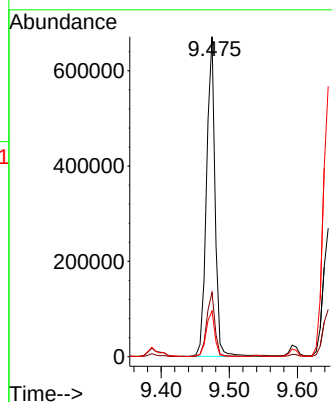
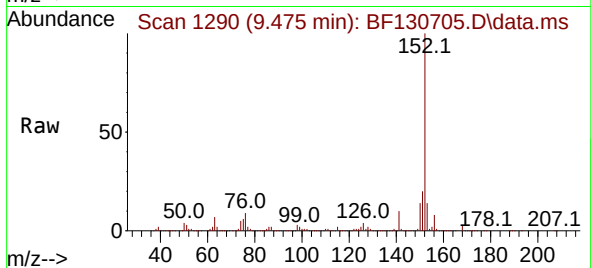
BU-02-101722MS

Tgt Ion:152 Resp: 584950
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.2
 153 14.3 10.8 16.2

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 43.215 ng

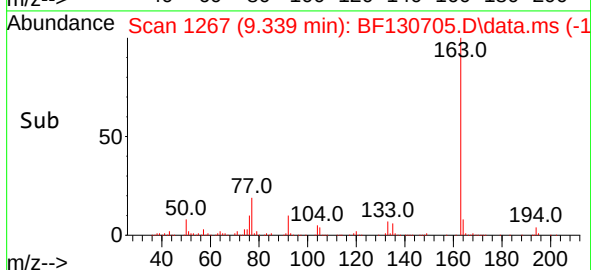
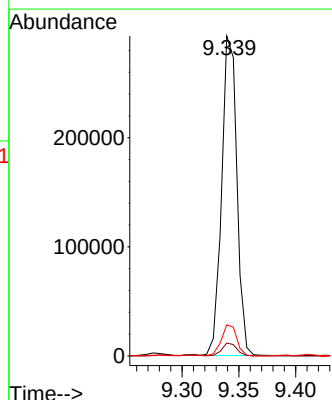
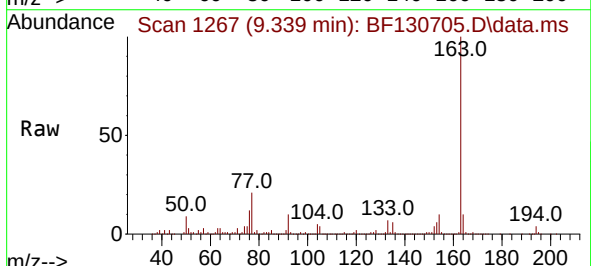
RT: 9.339 min Scan# 1267

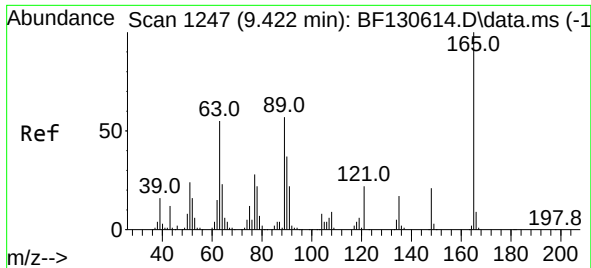
Delta R.T. -0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

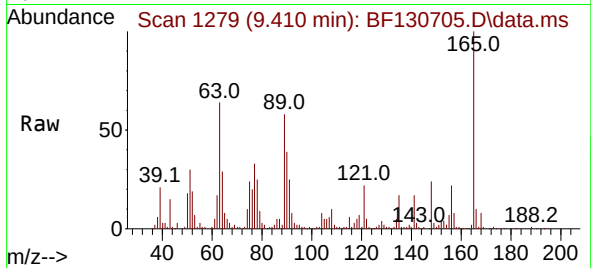
Tgt Ion:163 Resp: 273382
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.0 4.6
 164 9.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 42.056 ng
RT: 9.410 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

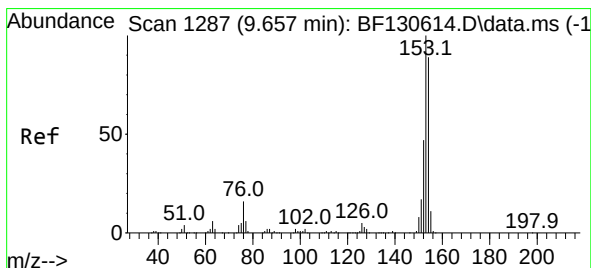
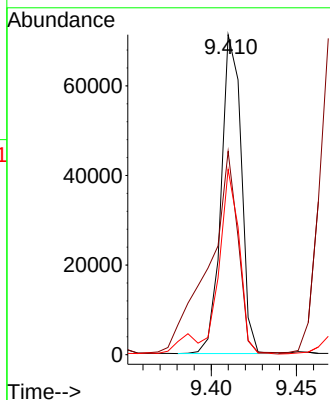
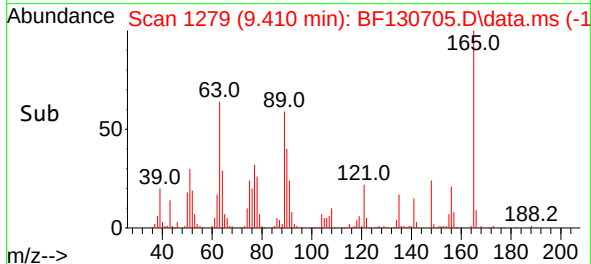
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:165 Resp: 58360
Ion Ratio Lower Upper
165 100
63 63.6 45.3 67.9
89 57.9 45.6 68.4

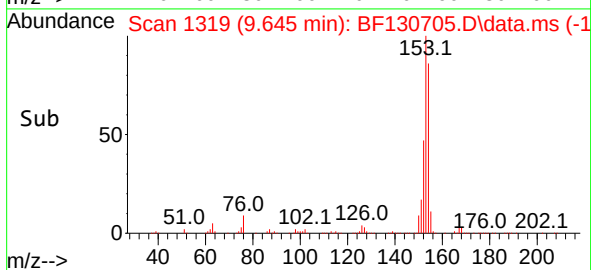
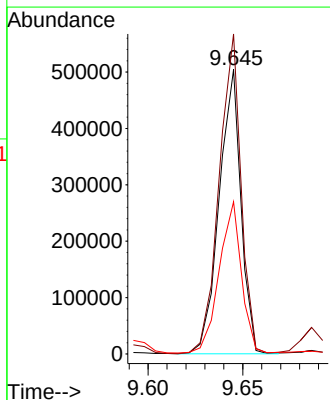
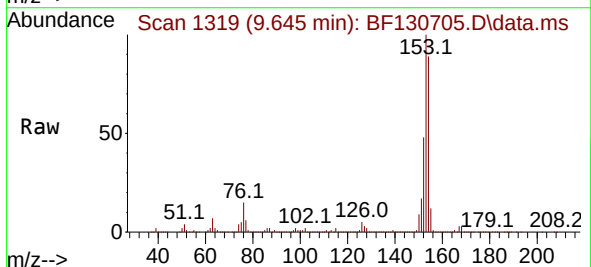
Manual Integrations
APPROVED

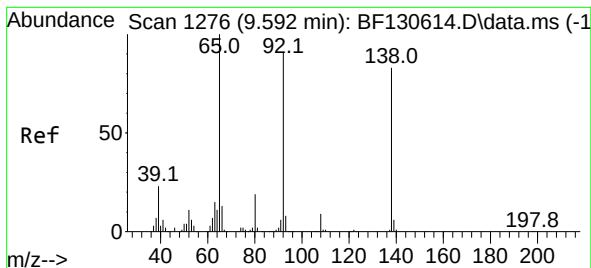
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#52
Acenaphthene
Concen: 81.875 ng
RT: 9.645 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:154 Resp: 402321
Ion Ratio Lower Upper
154 100
153 112.5 89.6 134.4
152 53.5 42.4 63.6





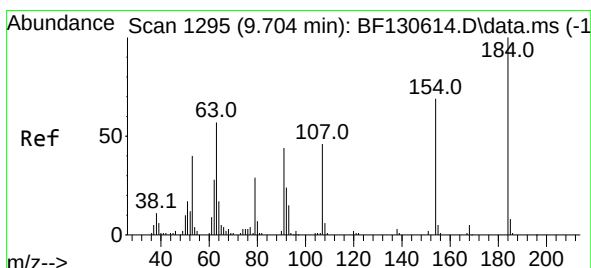
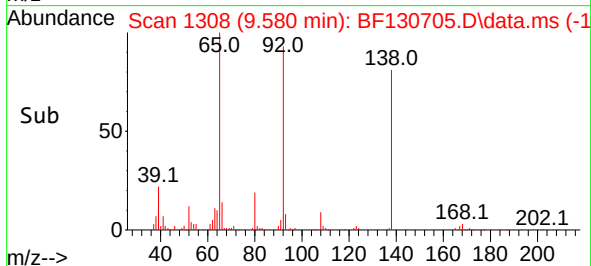
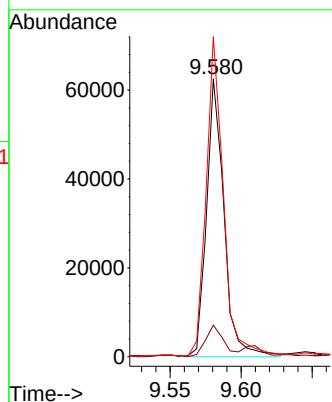
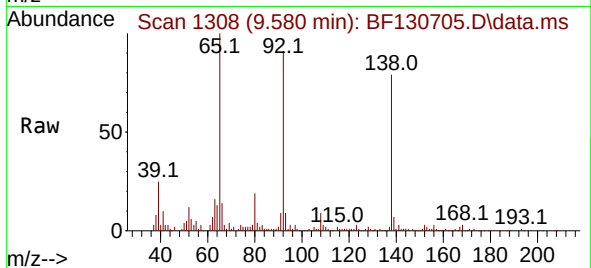
#53
3-Nitroaniline
Concen: 35.100 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion:138 Resp: 53392
Ion Ratio Lower Upper
138 100
108 11.3 8.4 12.6
92 115.2 88.2 132.4

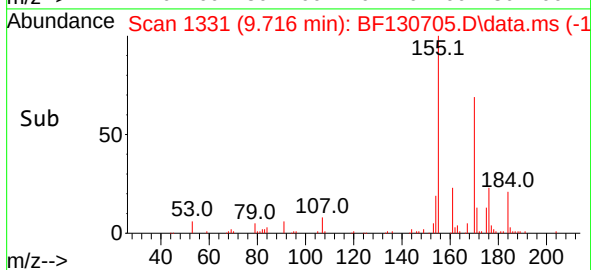
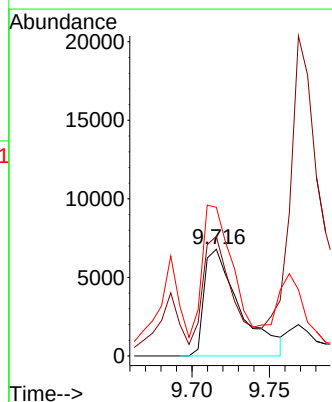
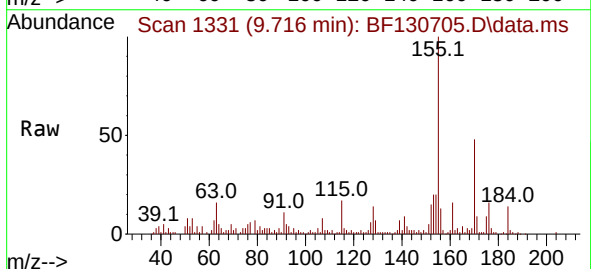
Manual Integrations
APPROVED

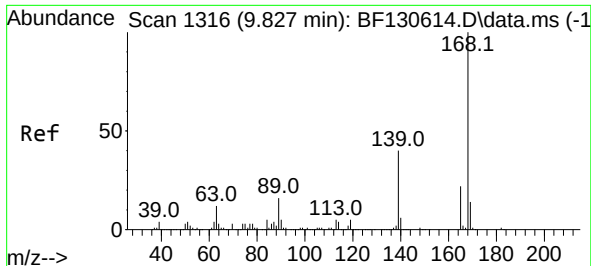
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#54
2,4-Dinitrophenol
Concen: 19.390 ng
RT: 9.716 min Scan# 1331
Delta R.T. 0.018 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

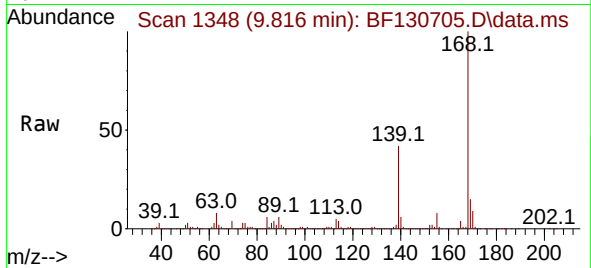
Tgt Ion:184 Resp: 10870
Ion Ratio Lower Upper
184 100
63 112.0 45.5 68.3#
154 139.2 55.1 82.7#





#55
Dibenzenofuran
Concen: 109.559 ng
RT: 9.816 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

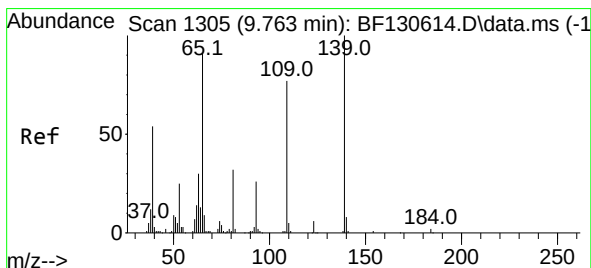
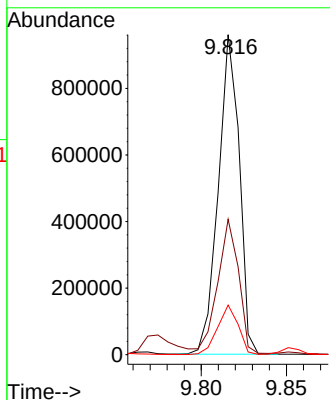
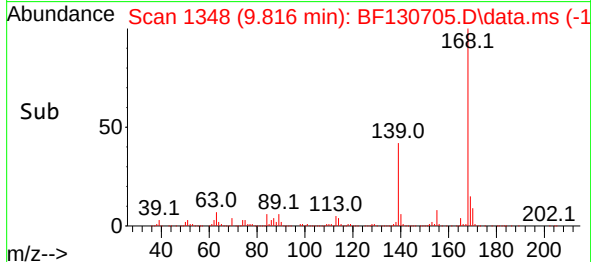
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:168 Resp: 820130
Ion Ratio Lower Upper
168 100
139 42.3 33.0 49.4
169 15.5 10.9 16.3

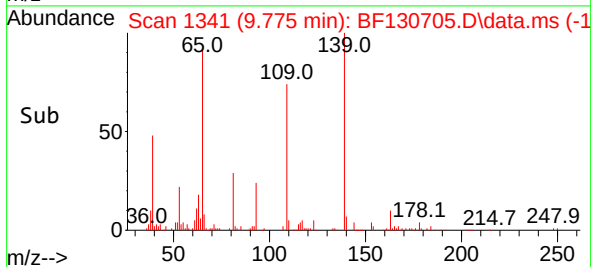
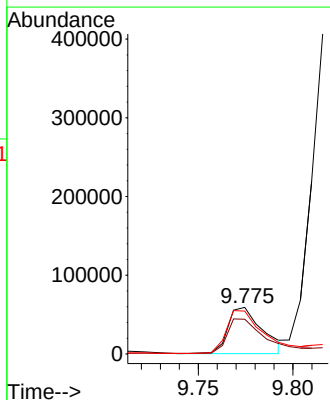
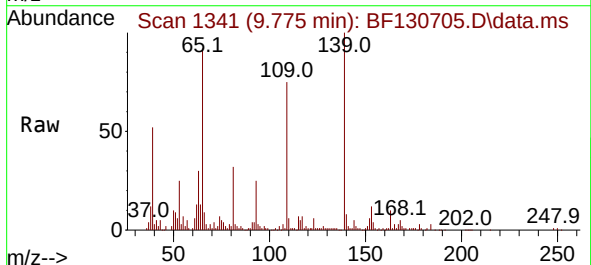
Manual Integrations
APPROVED

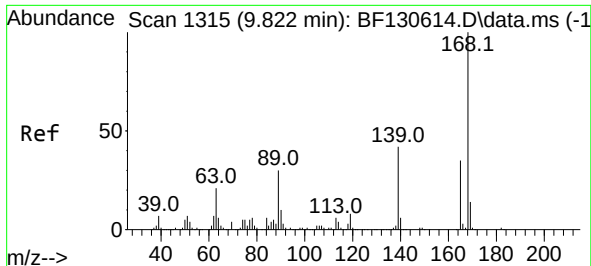
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#56
4-Nitrophenol
Concen: 87.992 ng
RT: 9.775 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:139 Resp: 73800
Ion Ratio Lower Upper
139 100
109 74.7 57.4 97.4
65 92.3 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 46.316 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MS

Tgt Ion:165 Resp: 8260

Ion Ratio Lower Upper

165 100

63 77.1 50.6 76.0

89 92.0 68.6 102.8

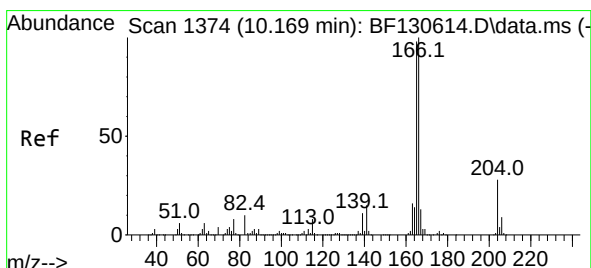
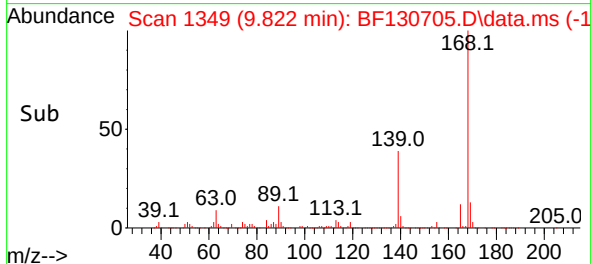
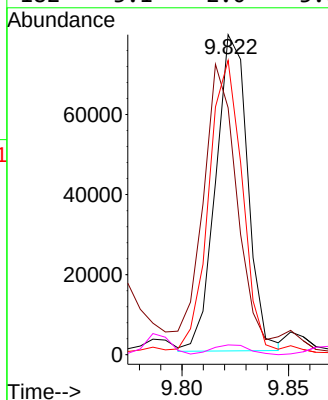
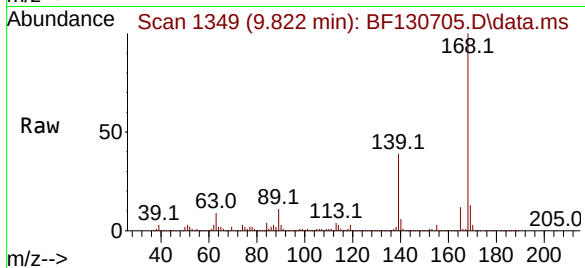
182 3.1 2.0 3.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#58

Fluorene

Concen: 183.609 ng

RT: 10.163 min Scan# 1407

Delta R.T. 0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

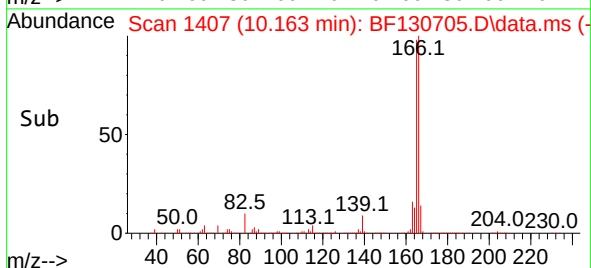
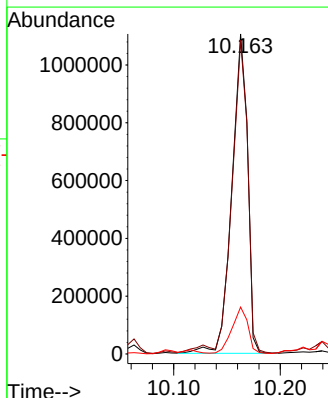
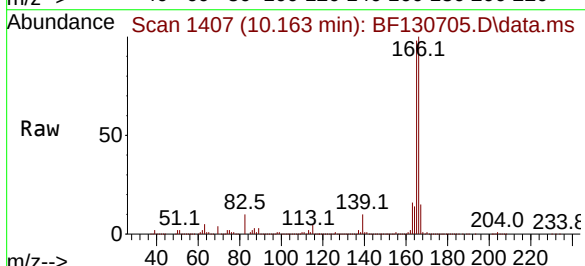
Tgt Ion:166 Resp: 1129977

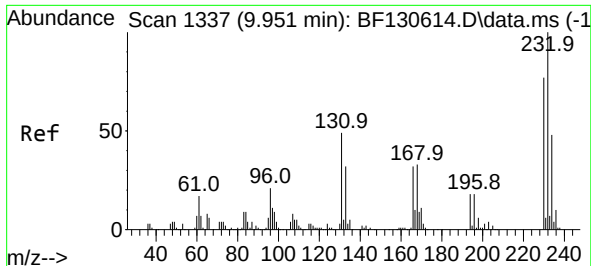
Ion Ratio Lower Upper

166 100

165 98.0 78.2 117.4

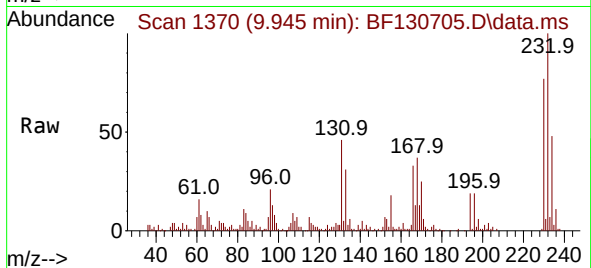
167 14.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.008 ng
RT: 9.945 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

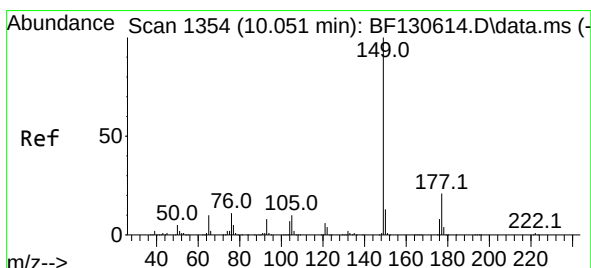
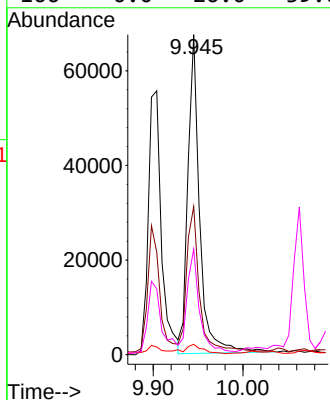
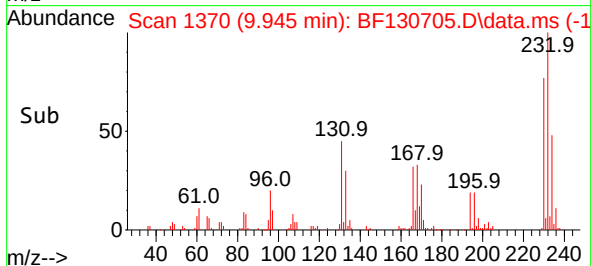
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



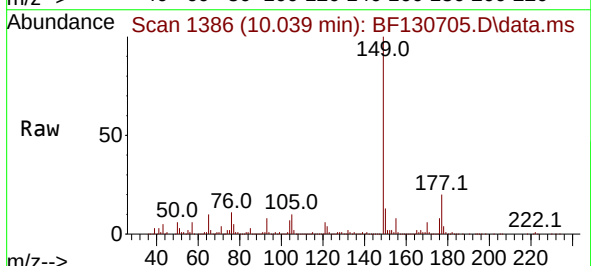
Tgt Ion:232 Resp: 61310
Ion Ratio Lower Upper
232 100
131 48.4 41.4 62.0
130 4.4 2.1 3.1
166 0.0 26.0 39.0

Manual Integrations
APPROVED

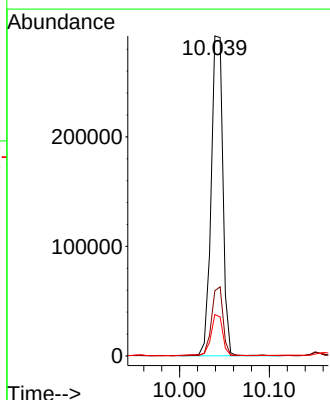
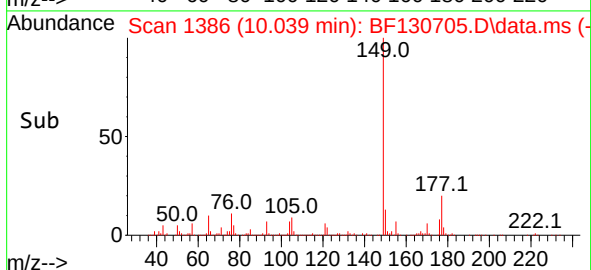
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

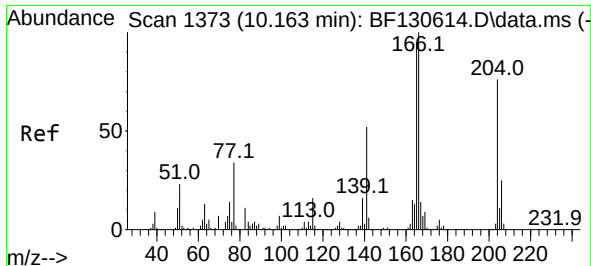


#60
Diethylphthalate
Concen: 41.915 ng
RT: 10.039 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



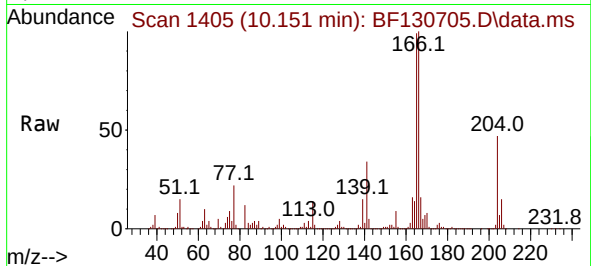
Tgt Ion:149 Resp: 264560
Ion Ratio Lower Upper
149 100
177 20.4 16.7 25.1
150 12.9 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 43.104 ng
RT: 10.151 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

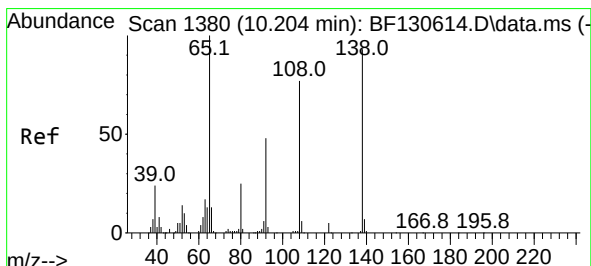
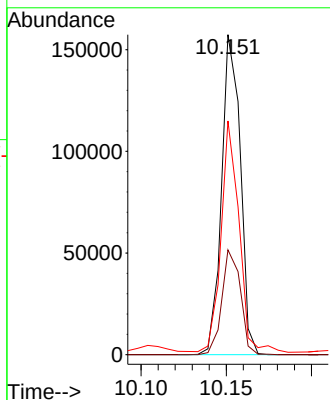
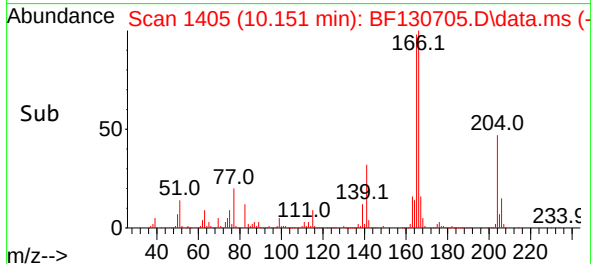
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:204 Resp: 119930
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 73.1 54.6 81.8

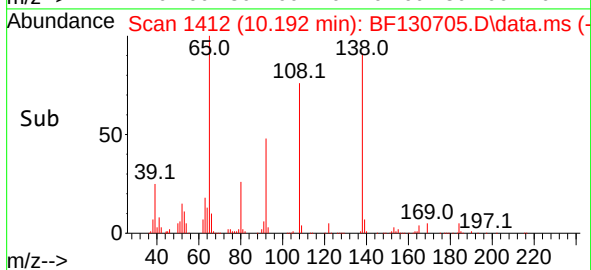
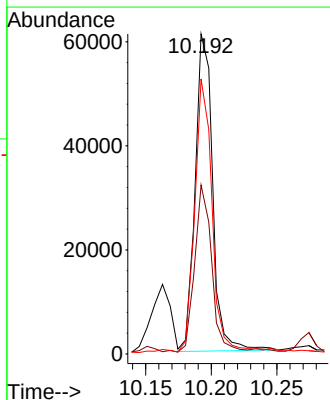
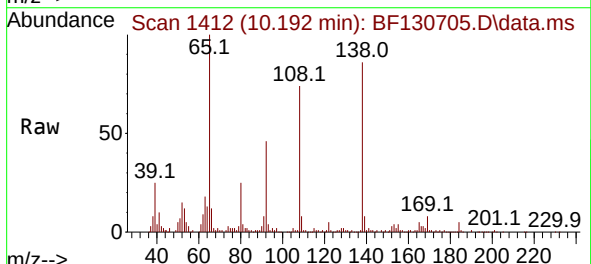
Manual Integrations
APPROVED

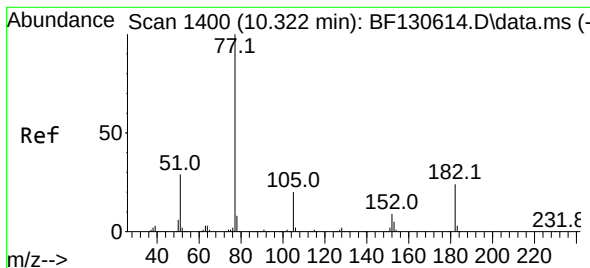
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#62
4-Nitroaniline
Concen: 39.076 ng
RT: 10.192 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

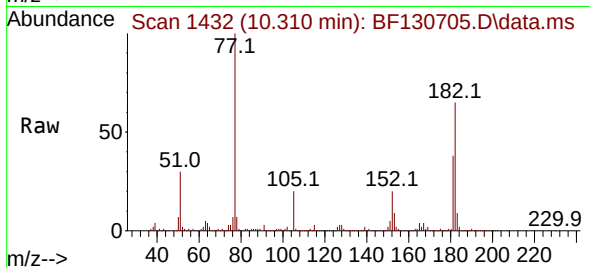
Tgt Ion:138 Resp: 56750
Ion Ratio Lower Upper
138 100
92 52.8 31.1 71.1
108 85.9 62.1 102.1





#63
Azobenzene
Concen: 39.850 ng
RT: 10.310 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

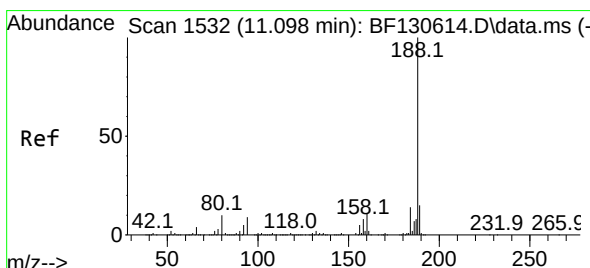
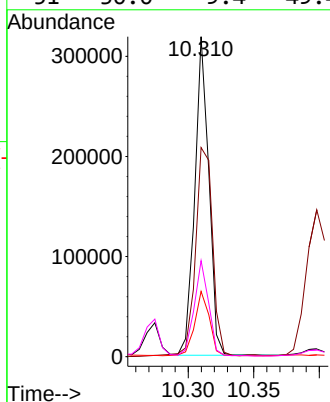
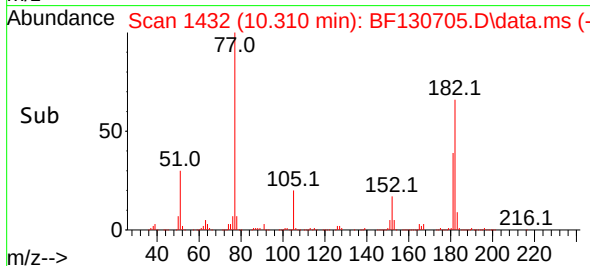
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



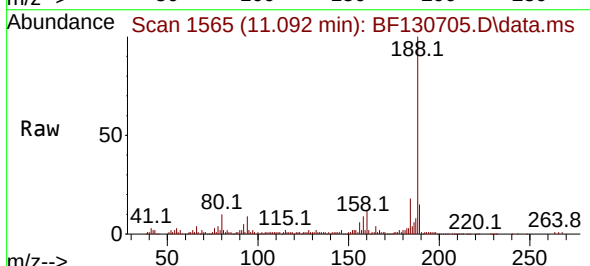
Tgt Ion: 77 Resp: 236909
Ion Ratio Lower Upper
77 100
182 65.4 3.8 43.8
105 20.4 0.3 40.3
51 30.0 9.4 49.4

Manual Integrations
APPROVED

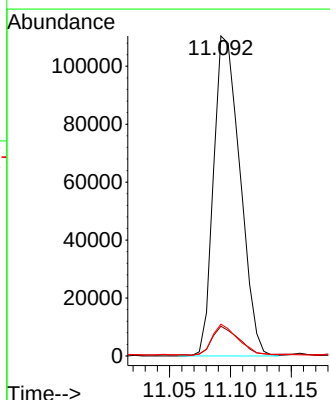
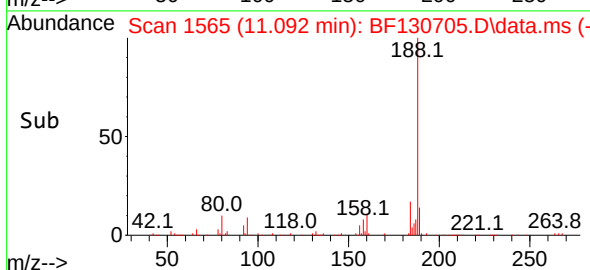
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

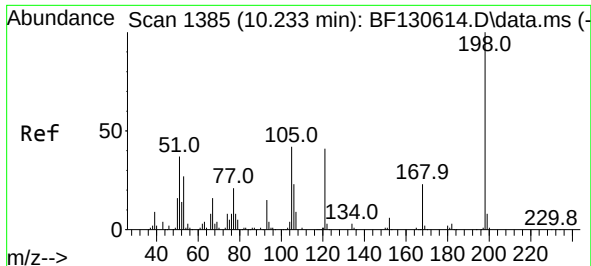


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



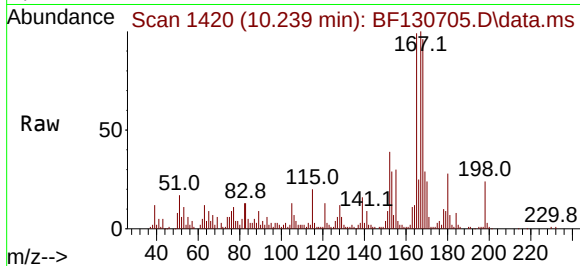
Tgt Ion:188 Resp: 166763
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.0 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 10.398 ng m
RT: 10.239 min Scan# 1418
Delta R.T. 0.018 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

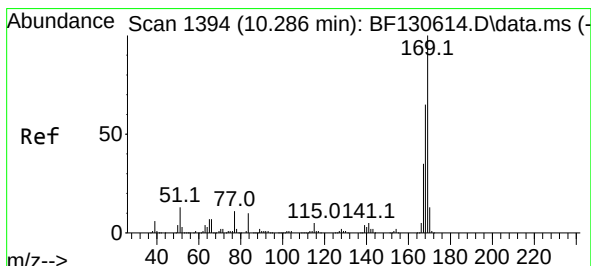
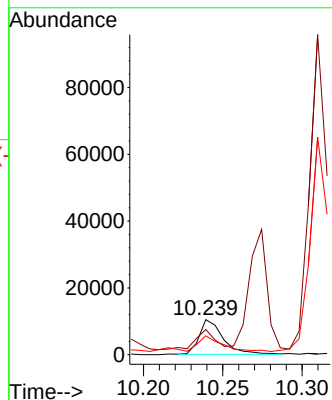
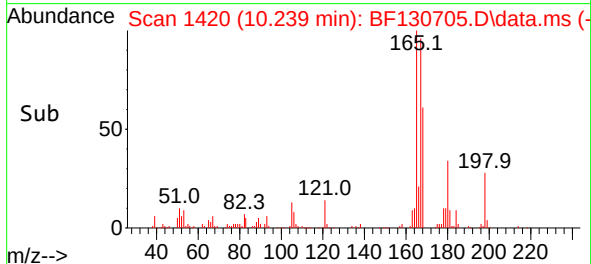
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



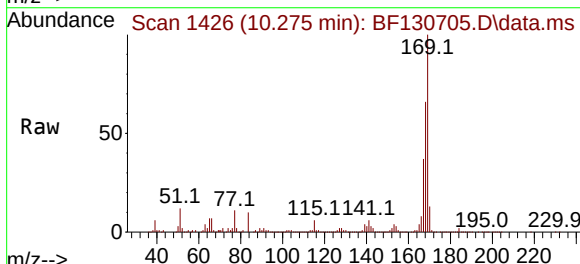
Tgt Ion:198 Resp: 10830
Ion Ratio Lower Upper
198 100
51 72.0 18.7 58.7
105 54.2 22.0 62.0

Manual Integrations
APPROVED

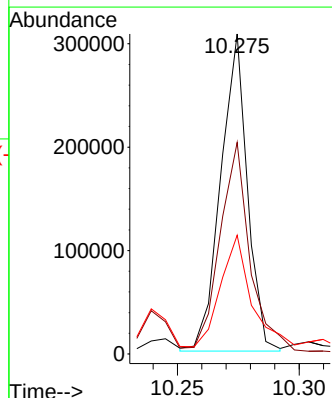
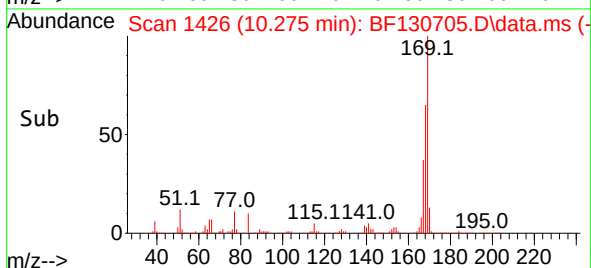
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

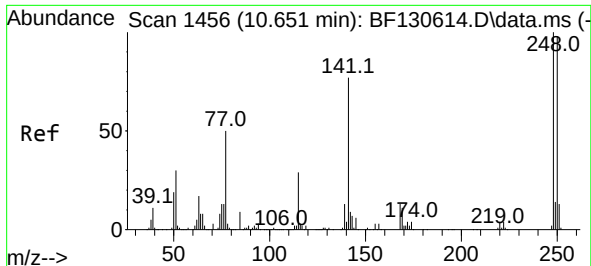


#66
n-Nitrosodiphenylamine
Concen: 42.122 ng m
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



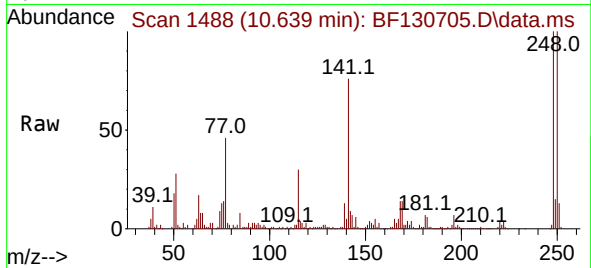
Tgt Ion:169 Resp: 233659
Ion Ratio Lower Upper
169 100
168 66.1 52.2 78.4
167 37.1 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 42.534 ng
RT: 10.639 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

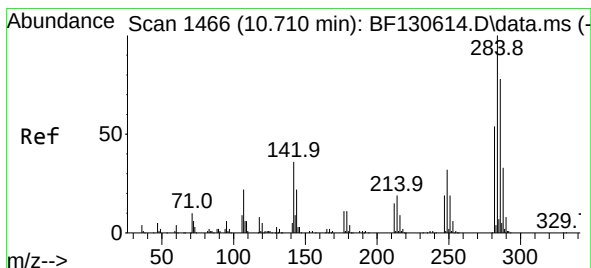
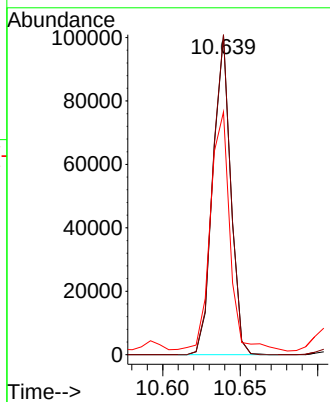
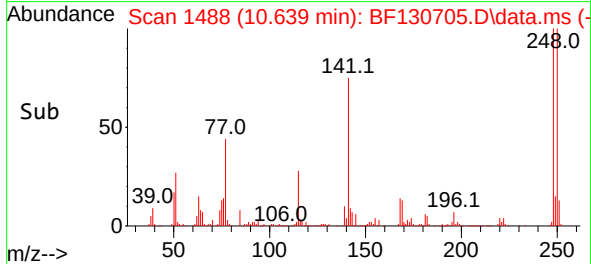
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



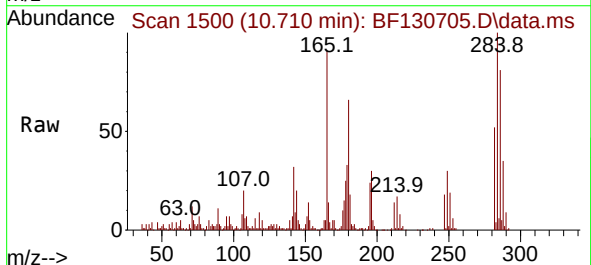
Tgt Ion:248 Resp: 80258
Ion Ratio Lower Upper
248 100
250 100.2 78.7 118.1
141 75.9 61.6 92.4

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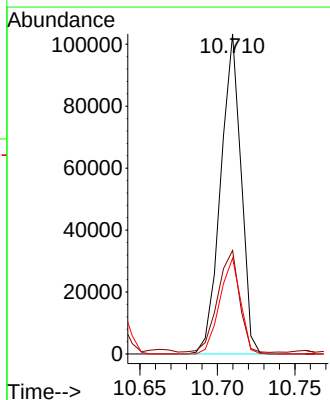
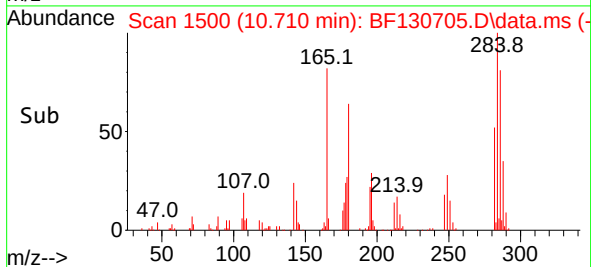
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

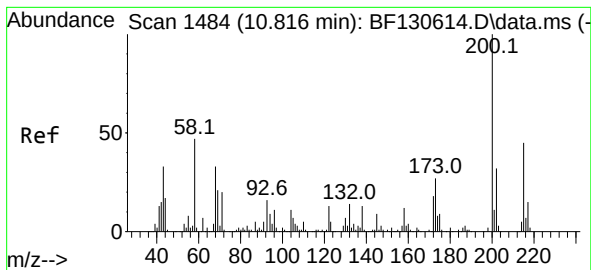


#68
Hexachlorobenzene
Concen: 44.214 ng
RT: 10.710 min Scan# 1500
Delta R.T. 0.012 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



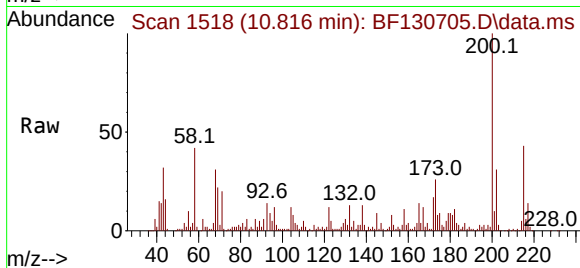
Tgt Ion:284 Resp: 94309
Ion Ratio Lower Upper
284 100
142 32.4 28.6 42.8
249 30.0 25.2 37.8





#69
 Atrazine
 Concen: 51.126 ng
 RT: 10.816 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF130705.D
 Acq: 18 Oct 2022 18:52

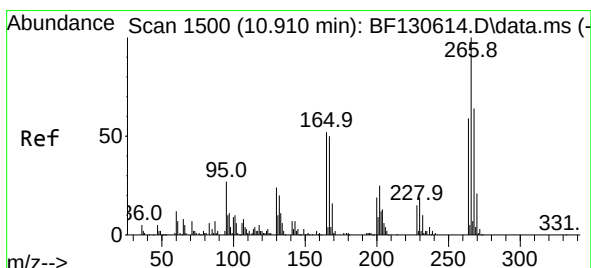
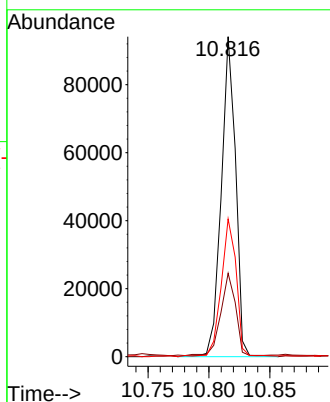
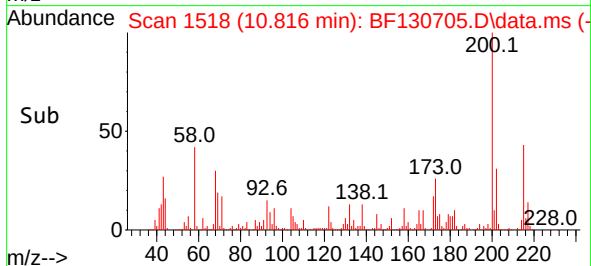
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MS



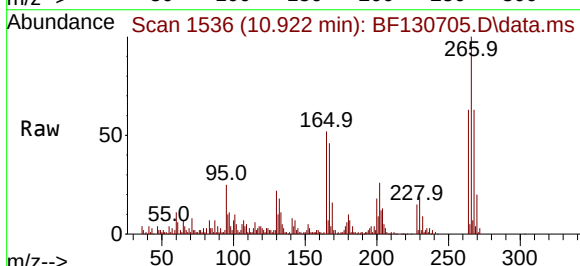
Tgt Ion:200 Resp: 7722
 Ion Ratio Lower Upper
 200 100
 173 26.0 7.1 47.1
 215 43.0 24.9 64.9

Manual Integrations
 APPROVED

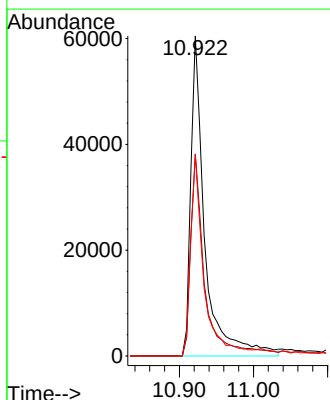
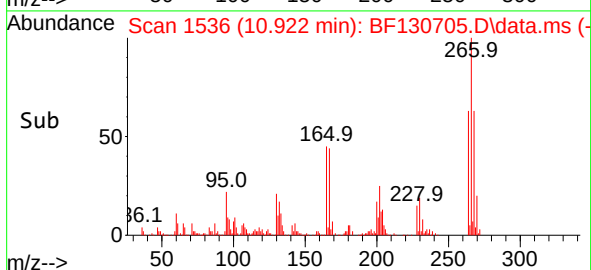
Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022

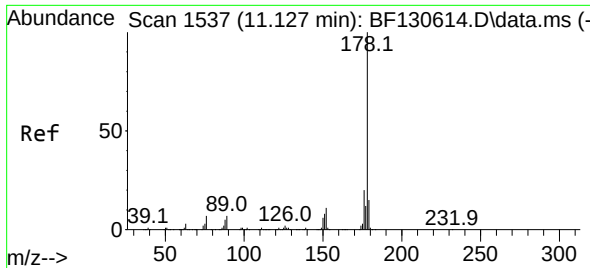


#70
 Pentachlorophenol
 Concen: 96.282 ng
 RT: 10.922 min Scan# 1536
 Delta R.T. 0.018 min
 Lab File: BF130705.D
 Acq: 18 Oct 2022 18:52



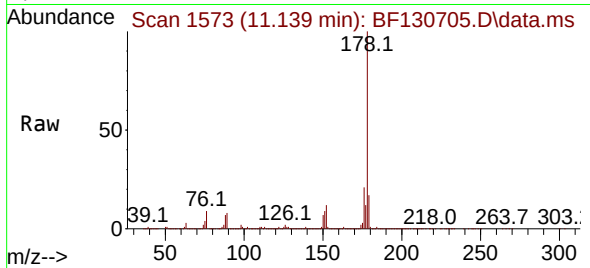
Tgt Ion:266 Resp: 79930
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.8 76.2
 264 63.0 47.5 71.3





#71
Phenanthrene
Concen: 527.865 ng
RT: 11.139 min Scan# 1573
Delta R.T. 0.029 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

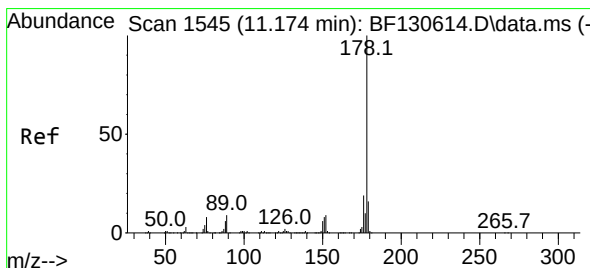
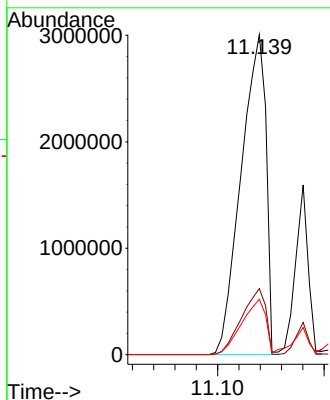
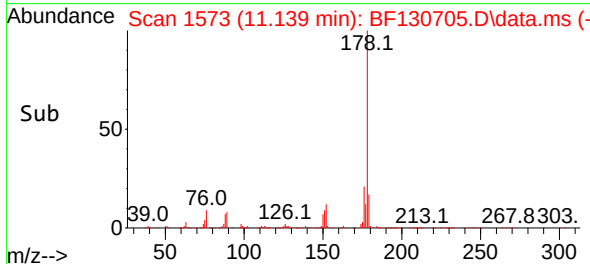
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



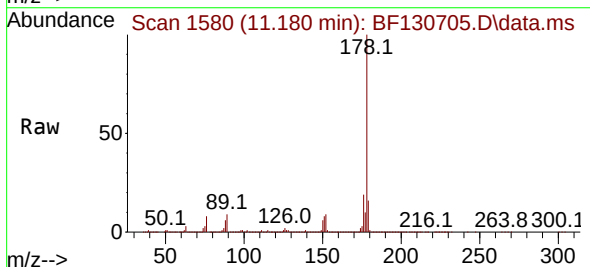
Tgt Ion:178 Resp: 4877080
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 17.3 12.2 18.4

Manual Integrations
APPROVED

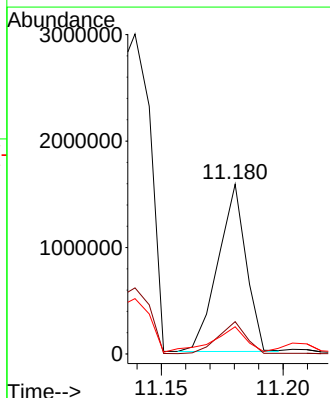
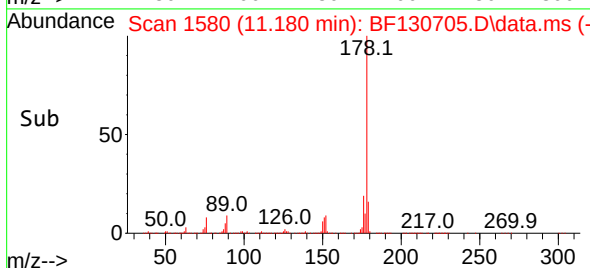
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

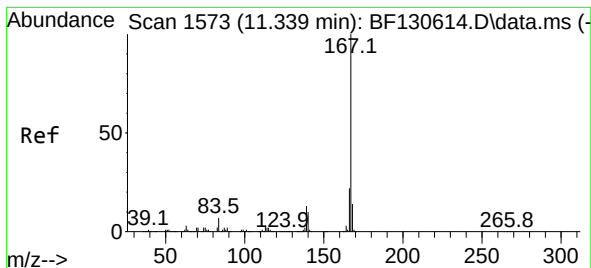


#72
Anthracene
Concen: 140.368 ng
RT: 11.180 min Scan# 1580
Delta R.T. 0.018 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion:178 Resp: 1266607
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.1 12.5 18.7





#73

Carbazole

Concen: 100.788 ng

RT: 11.339 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

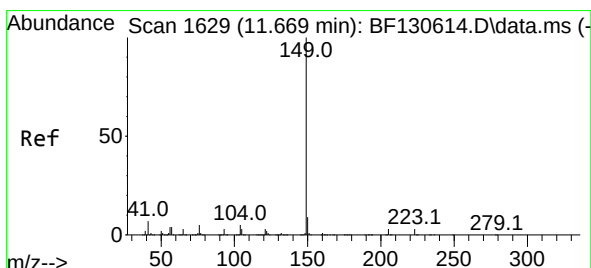
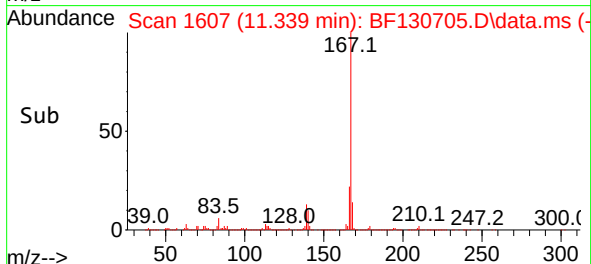
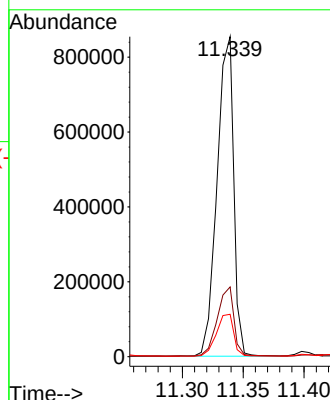
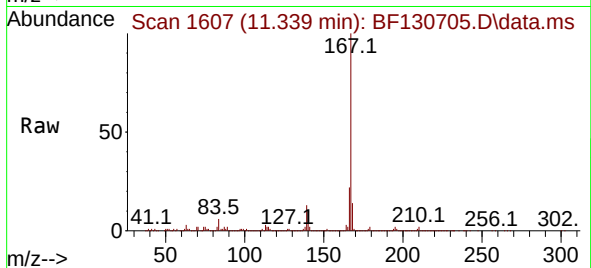
BU-02-101722MS

Tgt Ion:167 Resp: 811518
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.3 10.7 16.1

Manual Integrations

APPROVED

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



#74

Di-n-butylphthalate

Concen: 47.698 ng

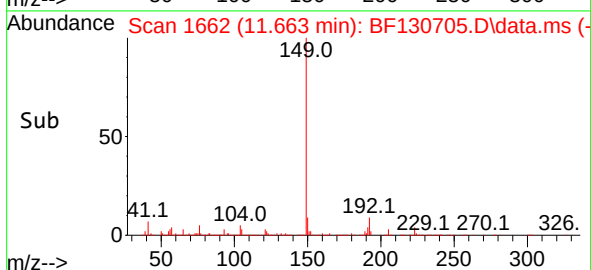
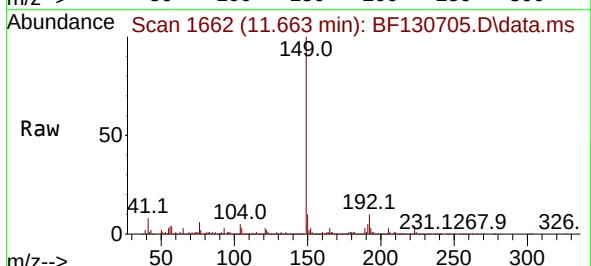
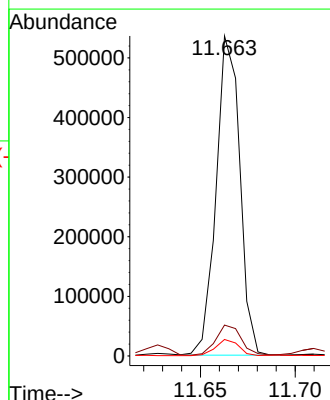
RT: 11.663 min Scan# 1662

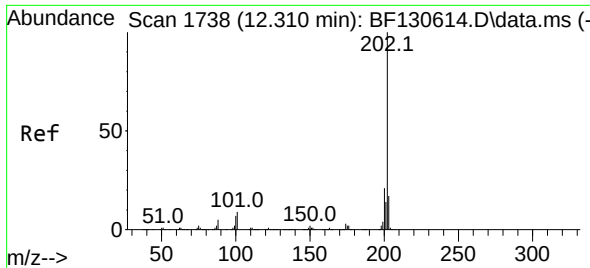
Delta R.T. 0.006 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

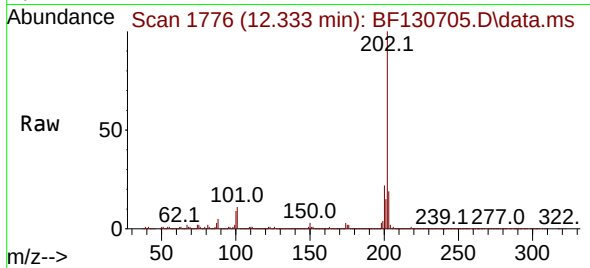
Tgt Ion:149 Resp: 465218
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 464.851 ng
RT: 12.333 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

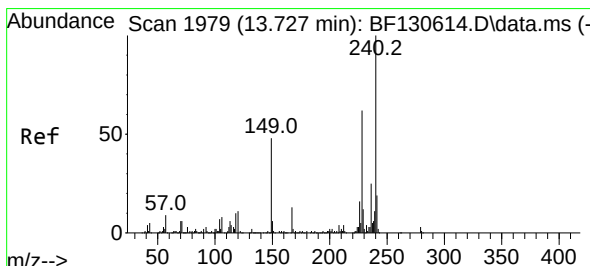
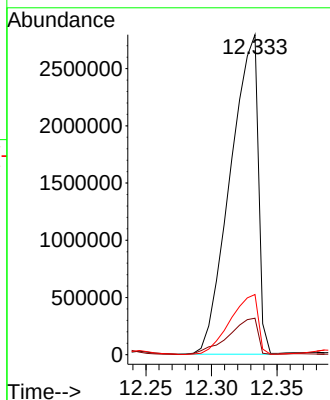
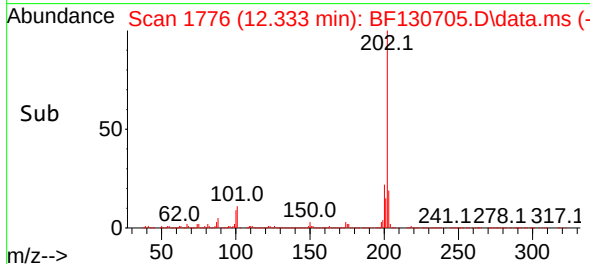
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



Tgt Ion:202 Resp: 4127814
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.1
203 18.8 0.0 37.3

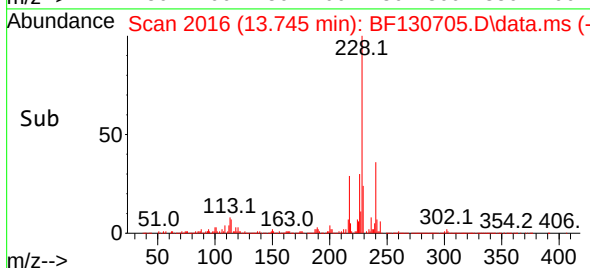
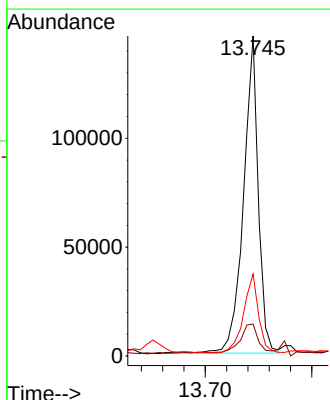
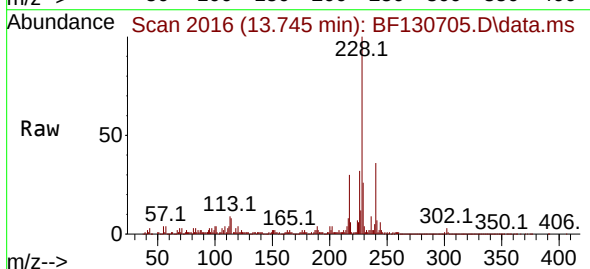
Manual Integrations
APPROVED

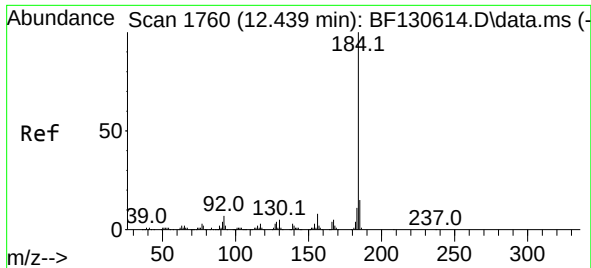
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 2016
Delta R.T. 0.023 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:240 Resp: 140729
Ion Ratio Lower Upper
240 100
120 9.9 8.6 13.0
236 25.6 20.2 30.4





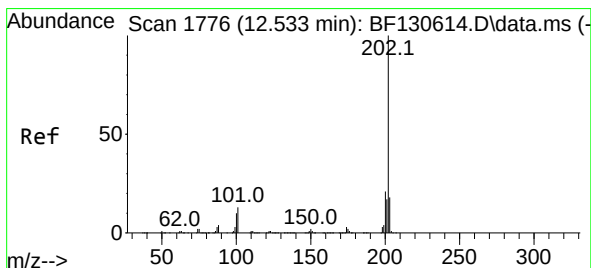
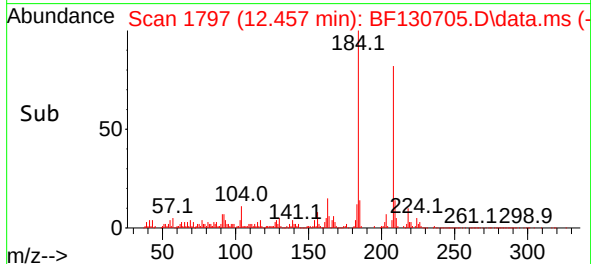
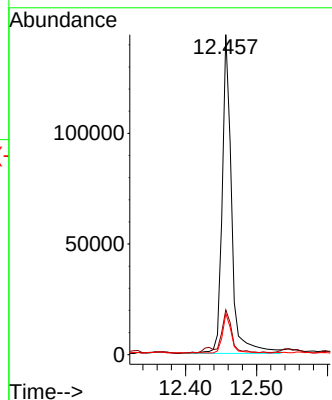
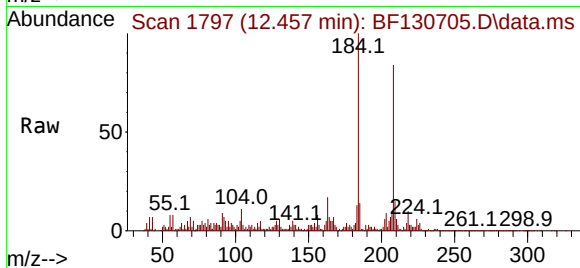
#77
Benzidine
Concen: 36.944 ng
RT: 12.457 min Scan# 1797
Delta R.T. 0.029 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion:184 Resp: 13141
Ion Ratio Lower Upper
184 100
185 14.0 12.0 18.0
183 12.8 9.0 13.4

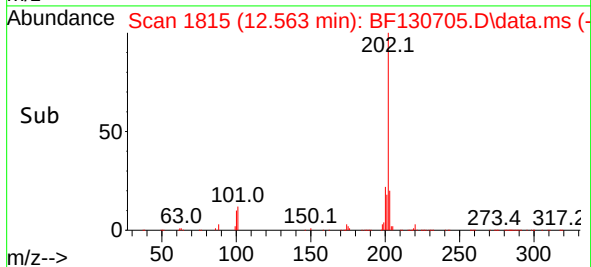
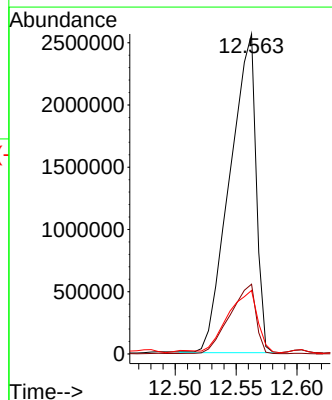
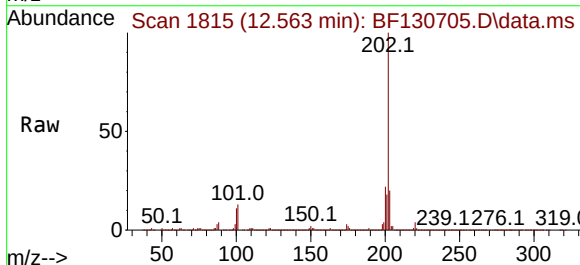
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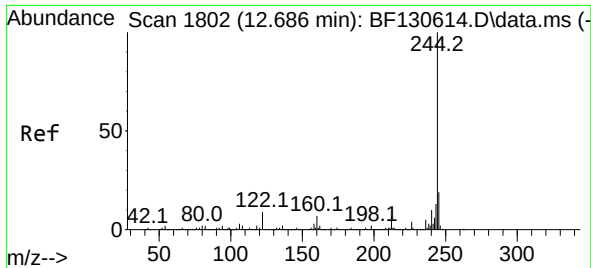
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#78
Pyrene
Concen: 315.195 ng
RT: 12.563 min Scan# 1815
Delta R.T. 0.041 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:202 Resp: 3826708
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 19.8 14.0 21.0





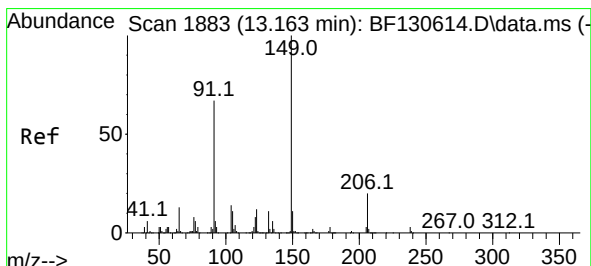
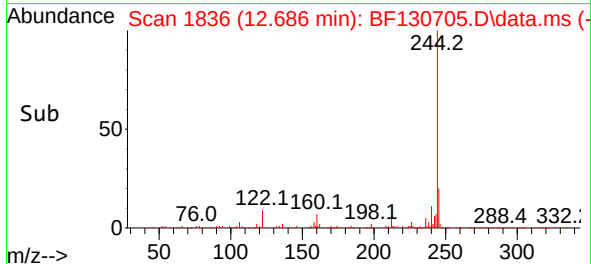
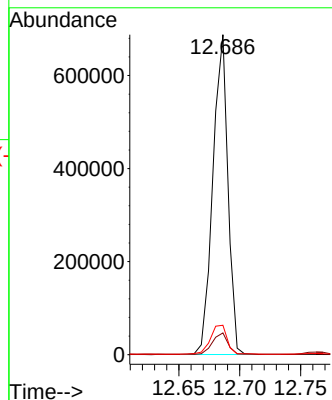
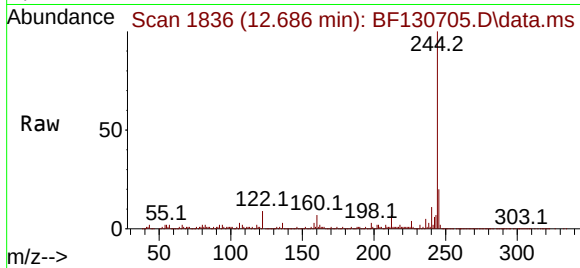
#79
 Terphenyl-d14
 Concen: 69.397 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.012 min
 Lab File: BF130705.D
 Acq: 18 Oct 2022 18:52

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101722MS

Tgt Ion:244 Resp: 588418
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.2 7.5 11.3

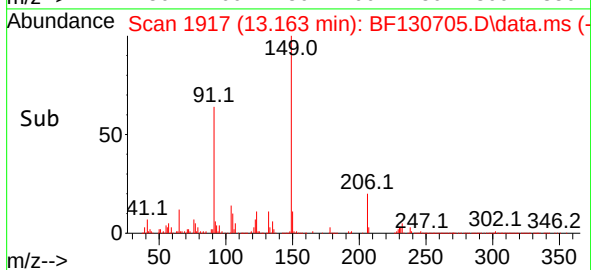
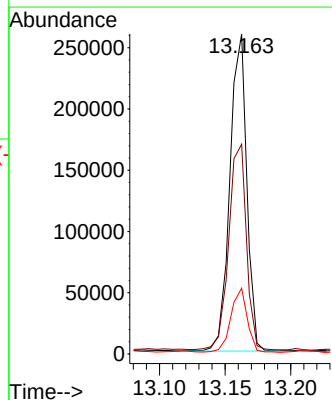
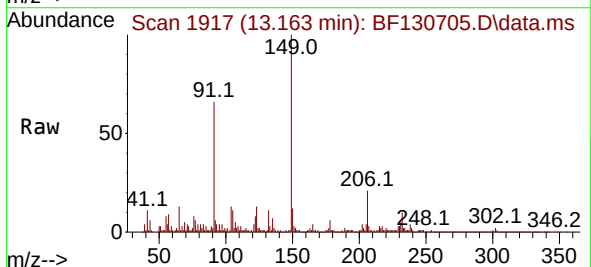
Manual Integrations
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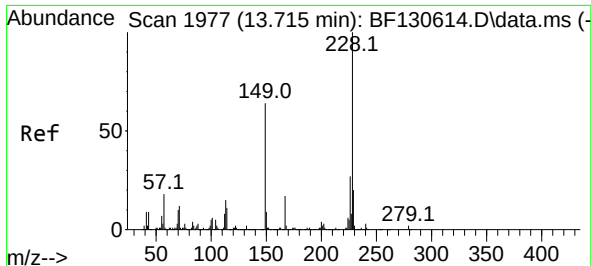
Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :Jagrut Upadhyay 10/19/2022



#80
 Butylbenzylphthalate
 Concen: 49.657 ng
 RT: 13.163 min Scan# 1917
 Delta R.T. 0.012 min
 Lab File: BF130705.D
 Acq: 18 Oct 2022 18:52

Tgt Ion:149 Resp: 231820
 Ion Ratio Lower Upper
 149 100
 91 65.5 53.8 80.8
 206 20.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 205.732 ng
RT: 13.733 min Scan# 2008
Delta R.T. 0.023 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

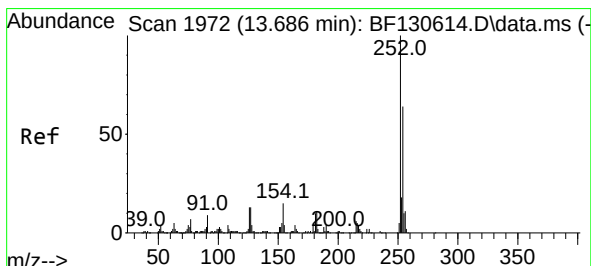
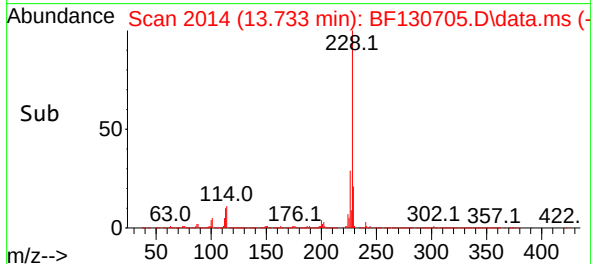
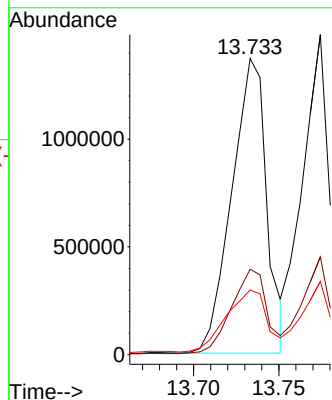
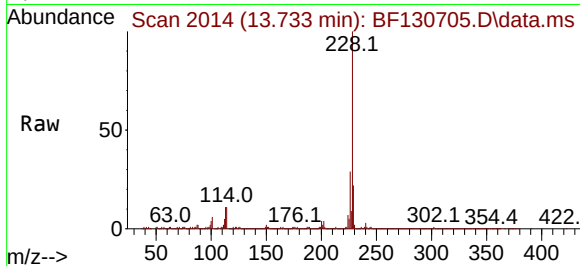
BU-02-101722MS

Tgt Ion:228 Resp: 1950854
Ion Ratio Lower Upper
228 100
226 28.9 21.4 32.2
229 21.8 15.8 23.8

Manual Integrations

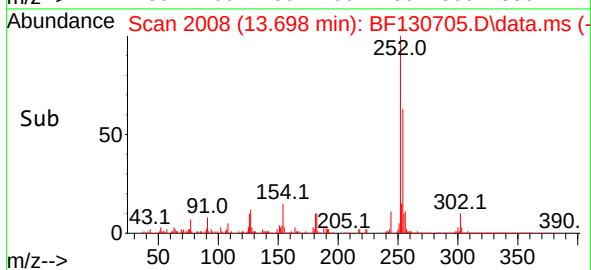
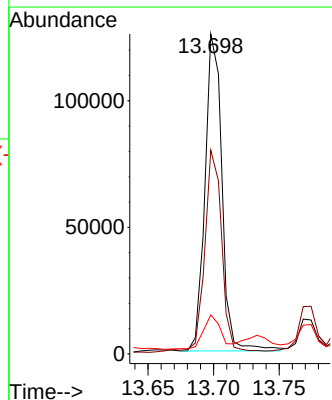
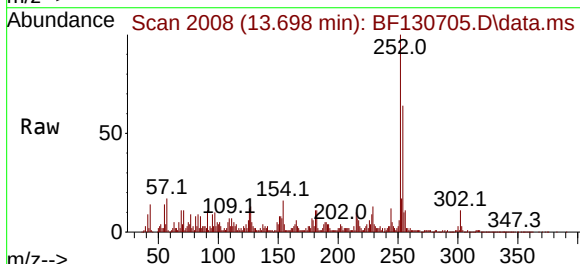
APPROVED

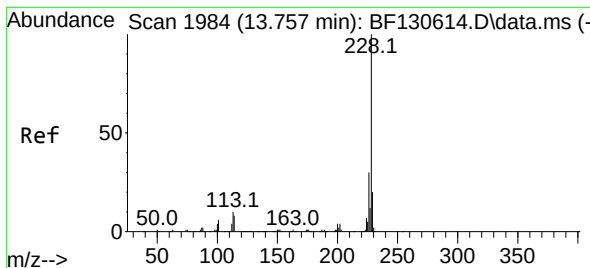
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 41.208 ng
RT: 13.698 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Tgt Ion:252 Resp: 112917
Ion Ratio Lower Upper
252 100
254 63.7 50.9 76.3
126 12.2 10.2 15.4





#83

Chrysene

Concen: 174.077 ng

RT: 13.774 min Scan# 2012

Delta R.T. 0.029 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

Instrument :

BNA_F

ClientSampleId :

BU-02-101722MS

Tgt Ion:228 Resp: 156506

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

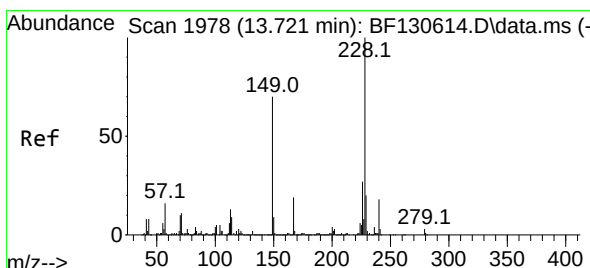
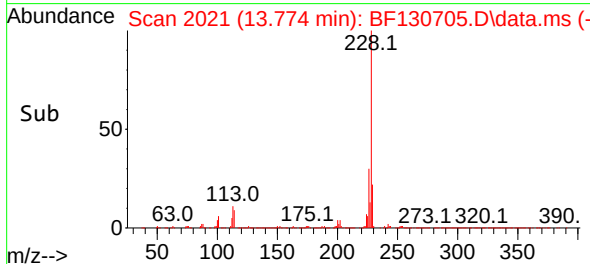
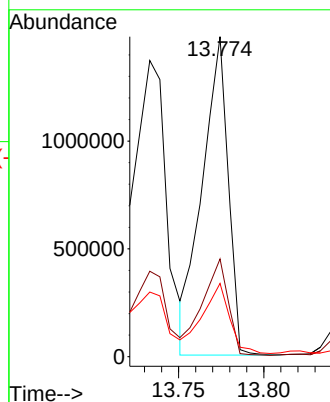
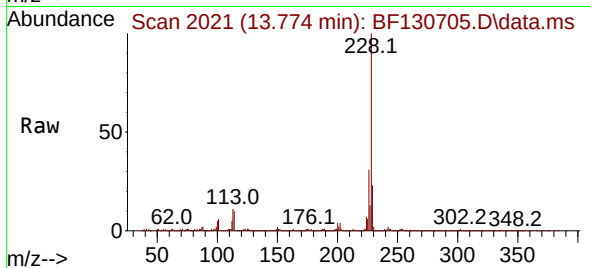
229 22.9 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/19/2022

Supervised By :Jagrut Upadhyay 10/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.328 ng

RT: 13.721 min Scan# 2012

Delta R.T. 0.012 min

Lab File: BF130705.D

Acq: 18 Oct 2022 18:52

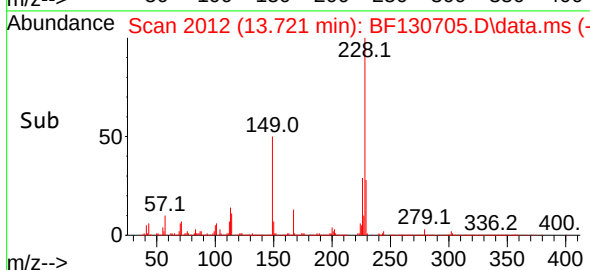
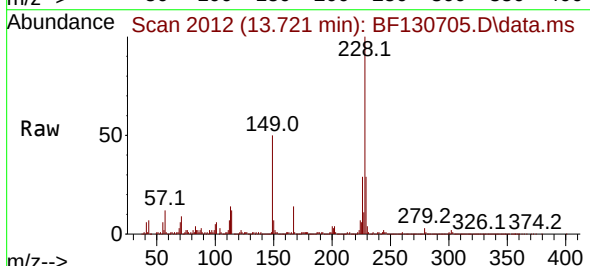
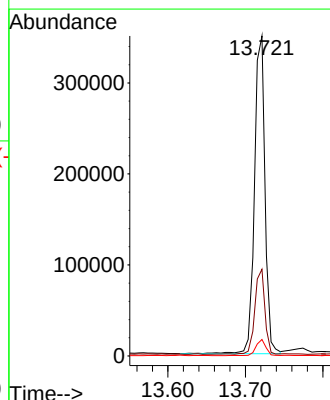
Tgt Ion:149 Resp: 330122

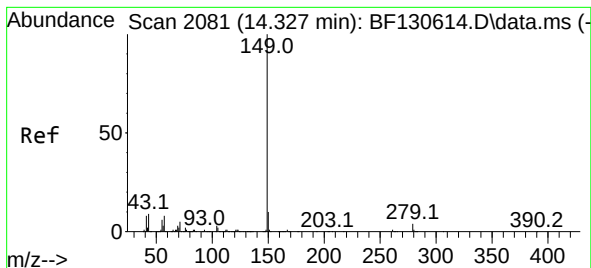
Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

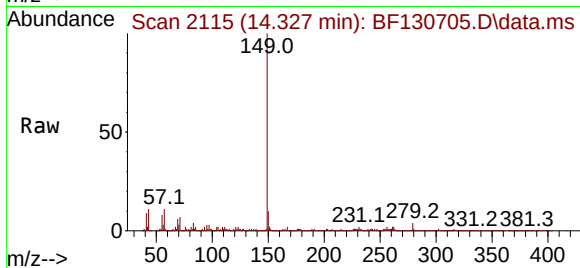
279 5.2 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 55.756 ng
RT: 14.327 min Scan# 2115
Delta R.T. 0.012 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

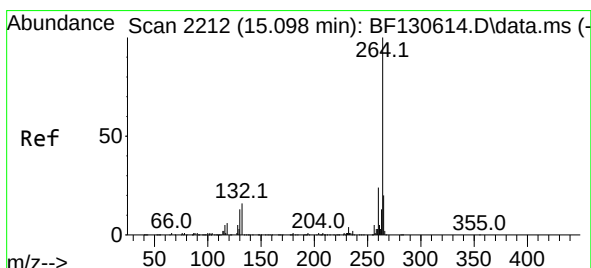
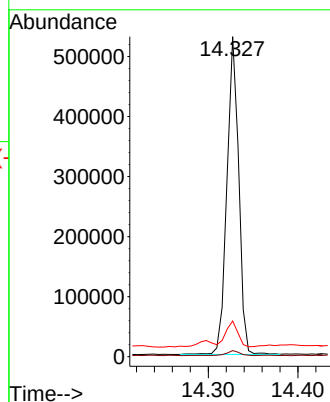
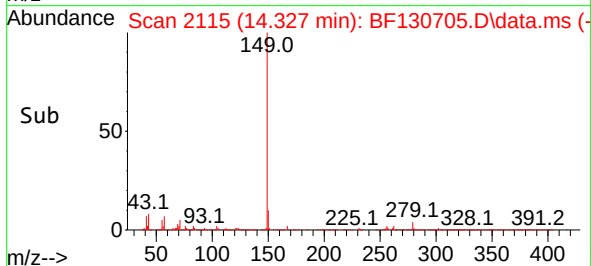
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



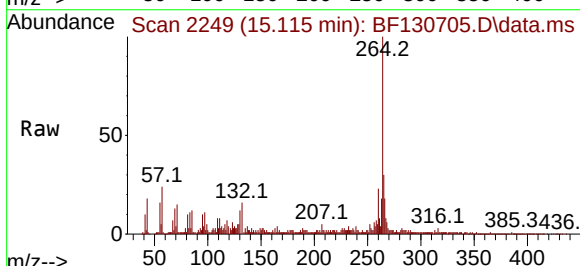
Tgt Ion:149 Resp: 48328
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.0 7.2 10.8

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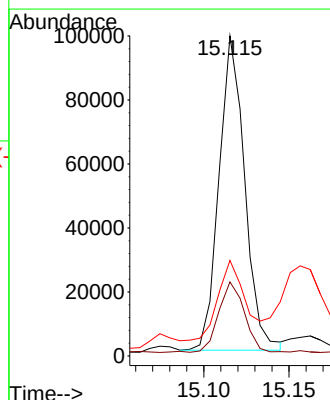
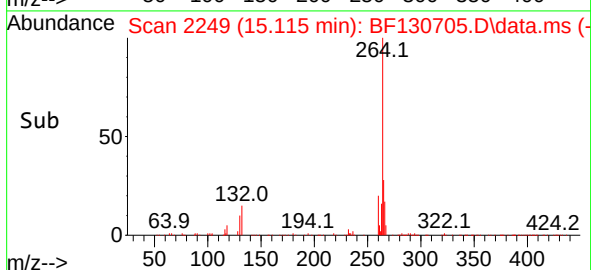
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

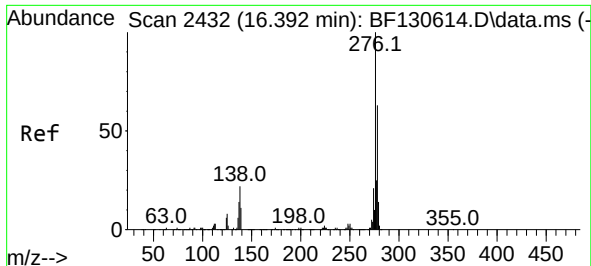


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.115 min Scan# 2249
Delta R.T. 0.029 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion:264 Resp: 102988
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 29.9 16.4 24.6





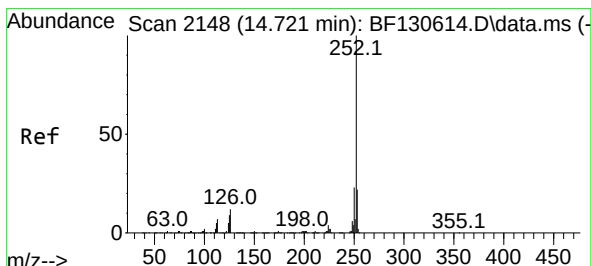
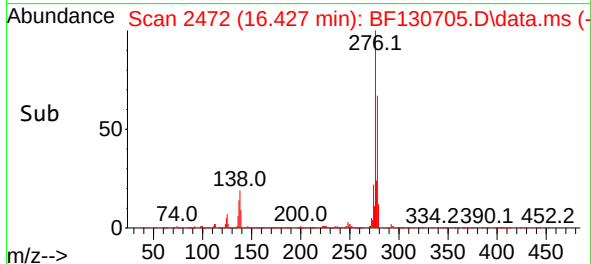
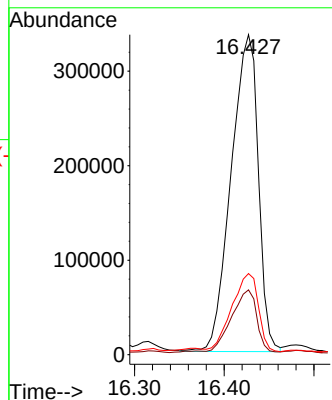
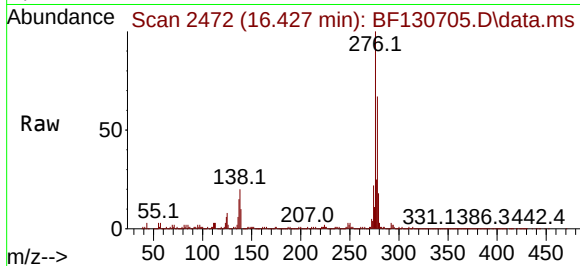
#87
Indeno(1,2,3-cd)pyrene
Concen: 91.570 ng
RT: 16.427 min Scan# 2432
Delta R.T. 0.047 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS

Tgt Ion:276 Resp: 705840
Ion Ratio Lower Upper
276 100
138 19.0 18.0 27.0
277 24.3 20.0 30.0

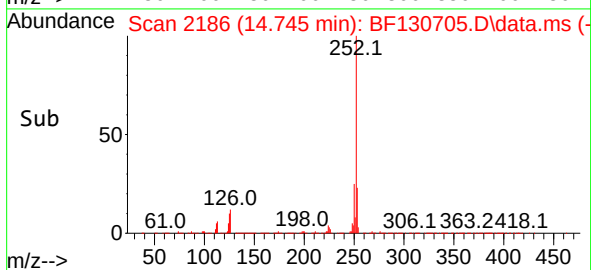
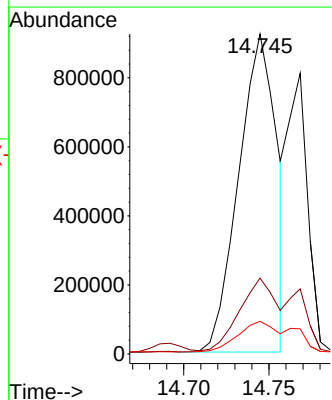
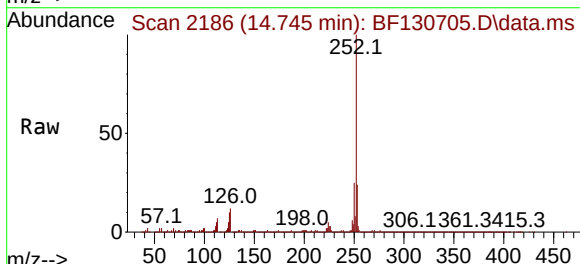
Manual Integrations
APPROVED

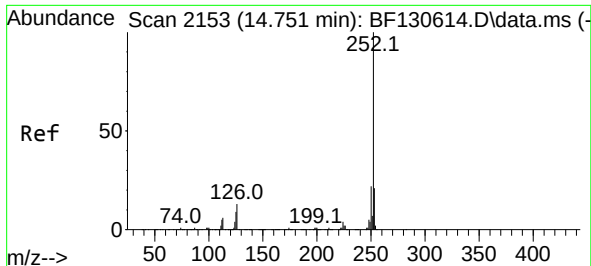
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022



#88
Benzo(b)fluoranthene
Concen: 218.075 ng
RT: 14.745 min Scan# 2186
Delta R.T. 0.029 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

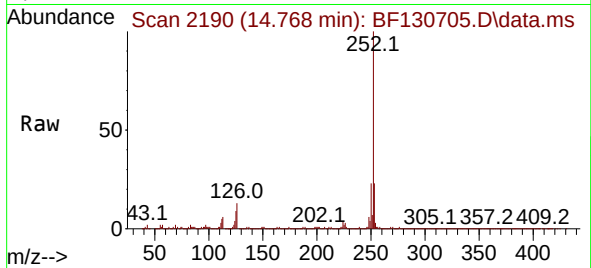
Tgt Ion:252 Resp: 1422156
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 10.2 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 98.861 ng m
RT: 14.768 min Scan# 2153
Delta R.T. 0.029 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

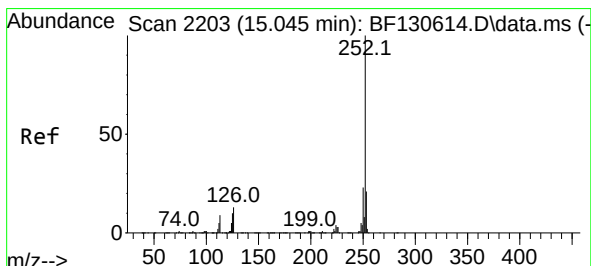
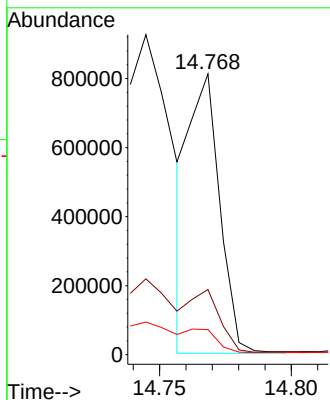
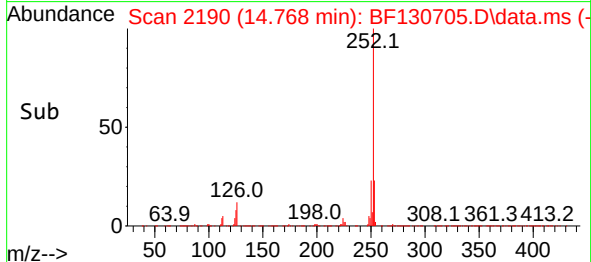
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



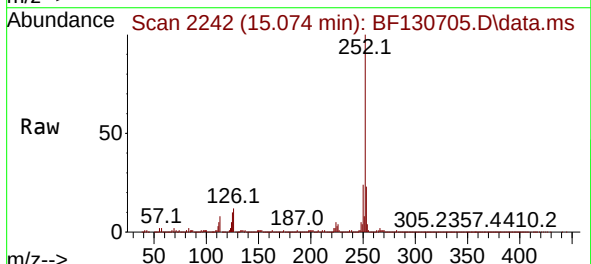
Tgt Ion:252 Resp: 65646
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.4
125 9.0 7.2 10.8

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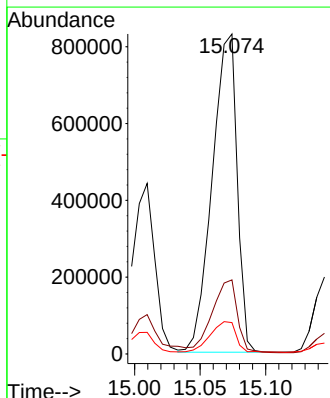
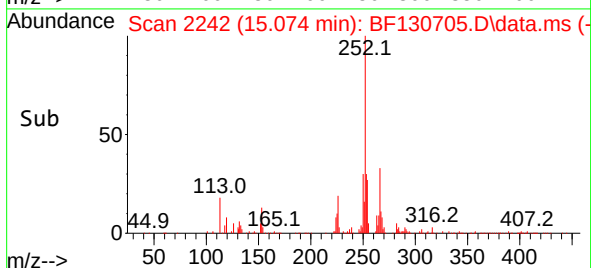
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :Jagrut Upadhyay 10/19/2022

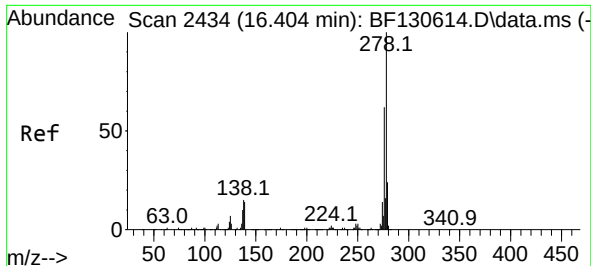


#90
Benzo(a)pyrene
Concen: 201.732 ng
RT: 15.074 min Scan# 2242
Delta R.T. 0.035 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



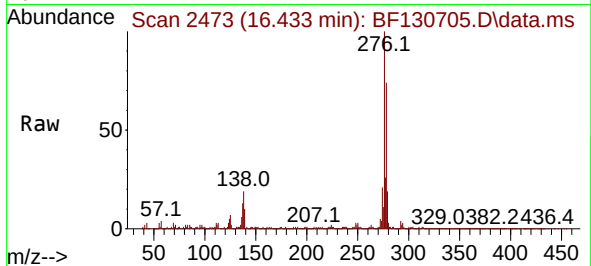
Tgt Ion:252 Resp: 1094934
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 9.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 55.771 ng
RT: 16.433 min Scan# 2434
Delta R.T. 0.041 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52

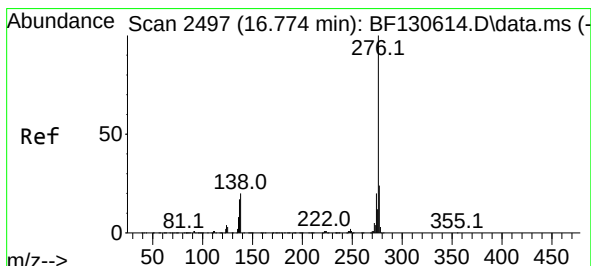
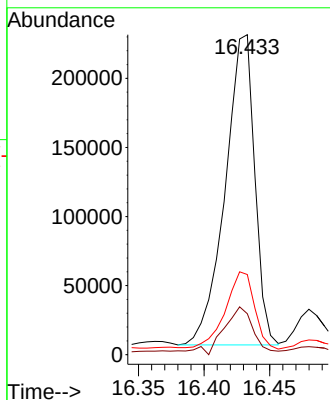
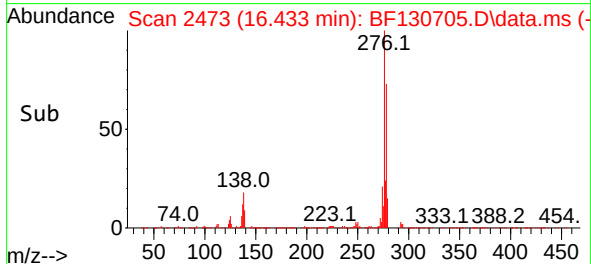
Instrument :
BNA_F
ClientSampleId :
BU-02-101722MS



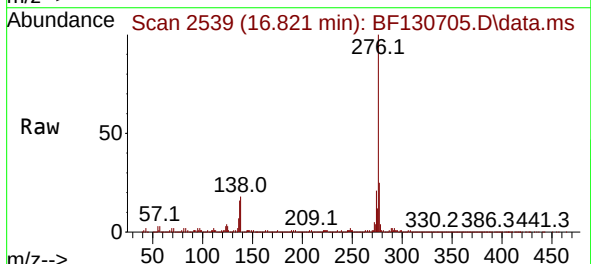
Tgt Ion:278 Resp: 352380
Ion Ratio Lower Upper
278 100
139 12.8 11.1 16.7
279 25.1 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 112.167 ng
RT: 16.821 min Scan# 2539
Delta R.T. 0.053 min
Lab File: BF130705.D
Acq: 18 Oct 2022 18:52



Tgt Ion:276 Resp: 660092
Ion Ratio Lower Upper
276 100
277 25.3 18.9 28.3
138 18.4 15.9 23.9

